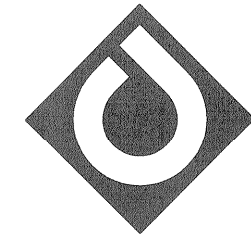
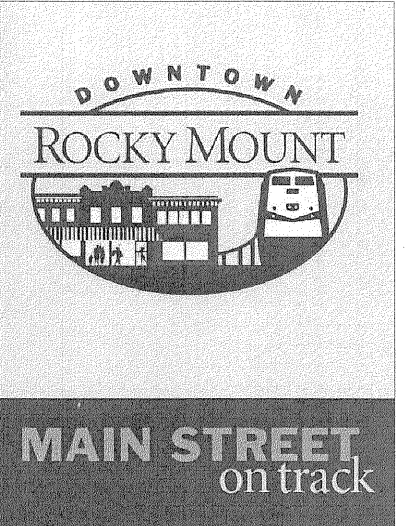


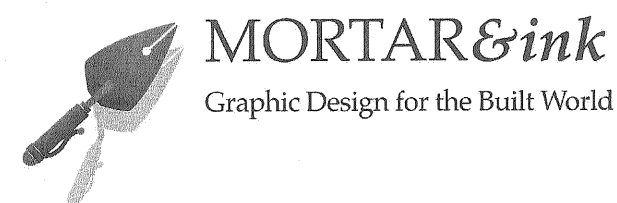
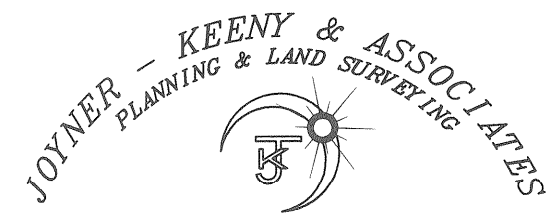
URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT, NC



**Cole Jenest
& Stone**

150 Fayetteville Street
Suite 950
Raleigh, North Carolina 27601
Tel 919. 719. 1800
www.colejeneststone.com

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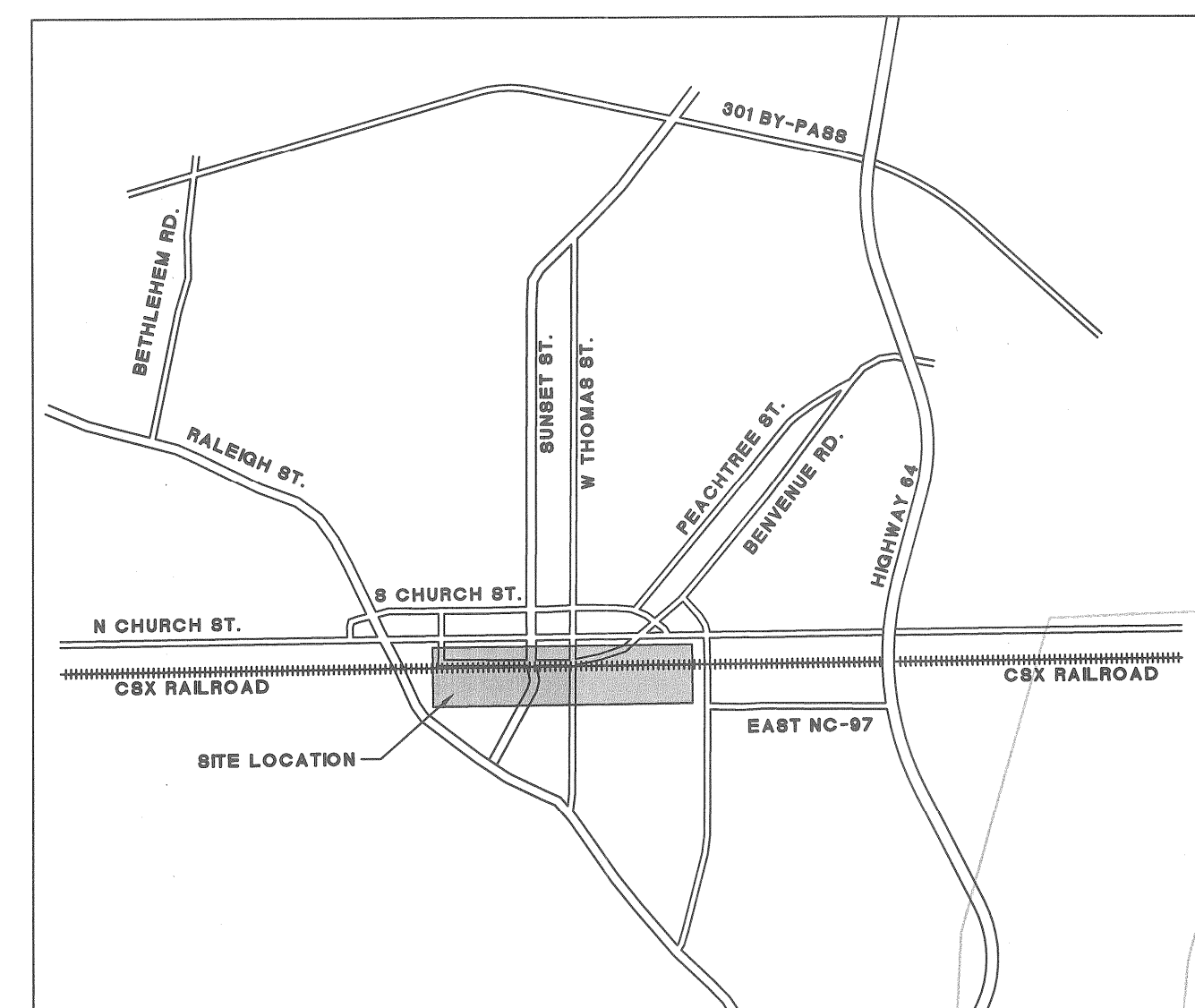


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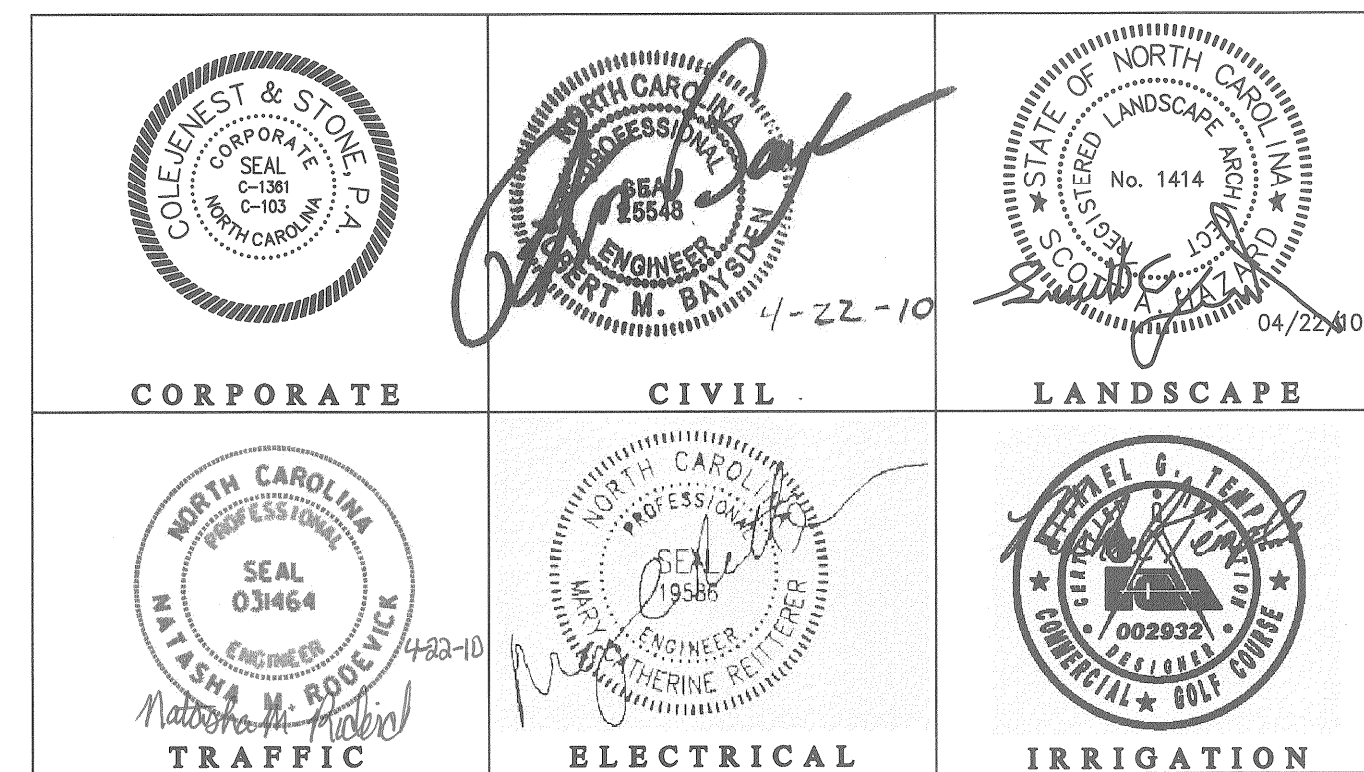
Harris & Associates, Inc.
Construction
Consultants

CONSULTANTS:



LOCATION MAP:

PHASE II
APRIL 22, 2010
MAIN STREET - ROCKY MOUNT, NORTH CAROLINA
CITY OF ROCKY MOUNT BID # 76019
NCDOT TRANSPORTATION IMPROVEMENT PROGRAM # E-4992
NCDOT/FHWA CONSTRUCTION AUTHORIZATION: JULY 22, 2010



SEALS:

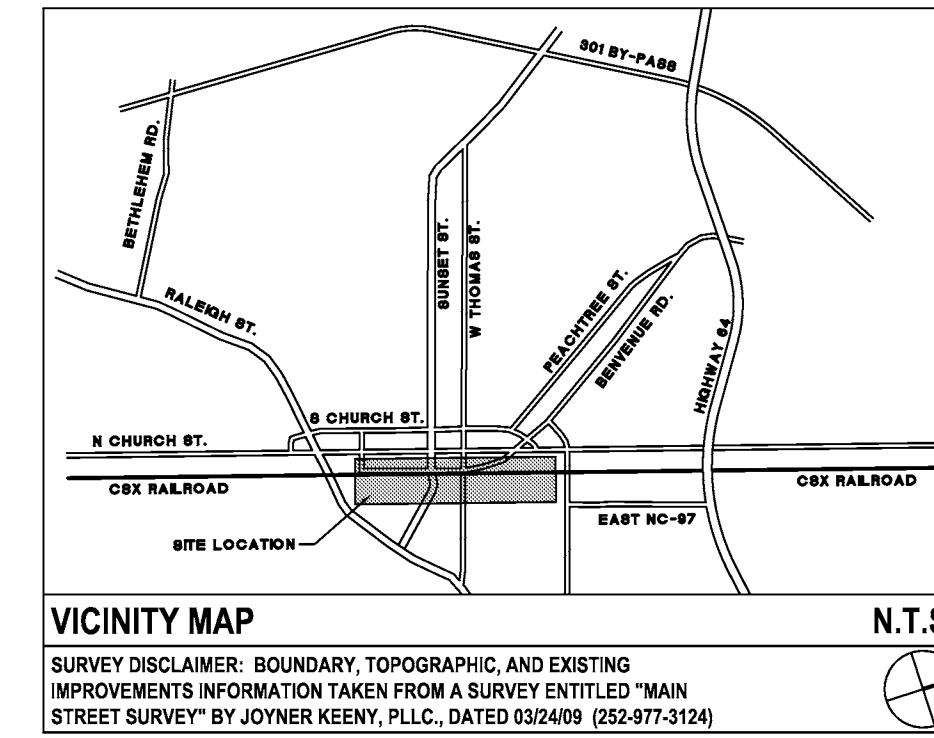
INDEX OF SHEETS

100% Construction Documents - ISSUED FOR BIDDING

SERIES	TITLE	
-	COVER	-
KP 1.0	KEY PLAN/ OVERALL SITE PLAN	KP 1.0
SP 1.0	60 SCALE SITE PLAN	SP 1.0
SP 2.0	60 SCALE SITE PLAN	SP 2.0
TC 1.0	TRAFFIC CONTROL PLAN	TC 1.0 - TC 1.3
EC 1.0	EXISTING CONDITIONS	EC 1.0 - EC 1.13
CV 1.0	EROSION CONTROL PLAN	CV 1.0 - CV 1.14
CV 2.0	DEMOLITION PLAN	CV 2.0 - CV 2.13
CV 3.0	STAKING PLAN	CV 3.0 - CV 3.14
CV 4.0	MATERIALS & HARDSCAPE PLAN	CV 4.0 - CV 4.15
CV 5.0	GRADING & DRAINAGE PLAN	CV 5.0 - CV 5.15
CV 6.0	UTILITIES PLAN	CV 6.0 - CV 6.15
CV 7.0	STREET PROFILES	CV 7.0 - CV 7.2
CV 8.0	PAVEMENT MARKING PLAN	CV 8.0 - CV 8.17
CV 9.0	TRAFFIC SIGNING PLAN	CV 9.0 - CV 9.29
CV 10.0	TRAFFIC SIGNAL PLAN	CV 10.0 - CV 10.24
CV 11.0	PLANTING PLAN	CV 11.0 - CV 11.14
CV 12.0	IRRIGATION PLAN	CV 12.0 - CV 12.14
CV 13.0	ELECTRICAL PLAN	CV 13.0 - CV 13.18
WS 1.0	WAYFINDING SIGNAGE PLAN	WS 1.0 - WS 1.8

GENERAL NOTES:

- The removal or relocation of all existing equipment (signs, poles, boxes, etc.) related to the railroad will be coordinated with CSX and the City of Rocky Mount.
- All of the existing utility poles shall be coordinated with the electrical plans, traffic control plans, traffic signing plans, and signalization plans included in the set.
- All existing utilities (water, sewer, fiber optic, gas, telephone, etc.) and structures (basements, etc.) shall be located by the contractor and coordinated with the City of Rocky Mount. The contractor shall verify the location, depth, and existence of all utilities within the construction area prior to any excavation. The omission of, or inclusion of utility locations on the plans is not to be considered as the nonexistence, or definite location of existing underground utilities. Any damage to existing underground utilities shall be repaired at the contractor's expense.
- Existing and proposed traffic signing and signalization shall be coordinated with the traffic control plans, traffic signing plans, and traffic signal plans included in the set.
- Contractor shall submit a construction sequencing plan along with bid.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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KEY PLAN

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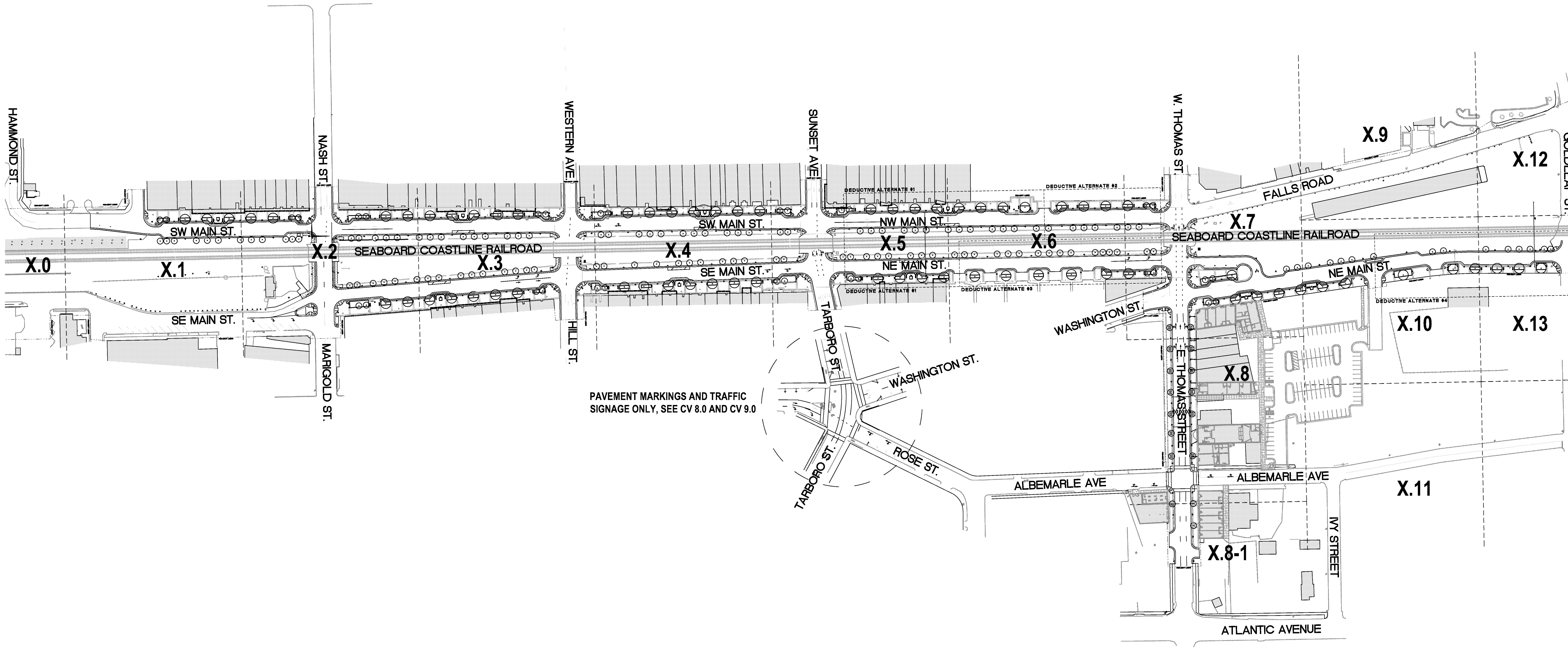
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PAVEMENT MARKINGS AND TRAFFIC SIGNAGE ONLY, SEE CV 8.0 AND CV 9.0



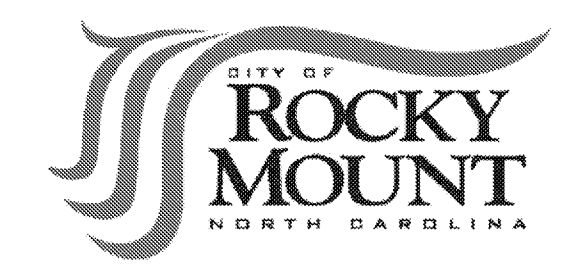
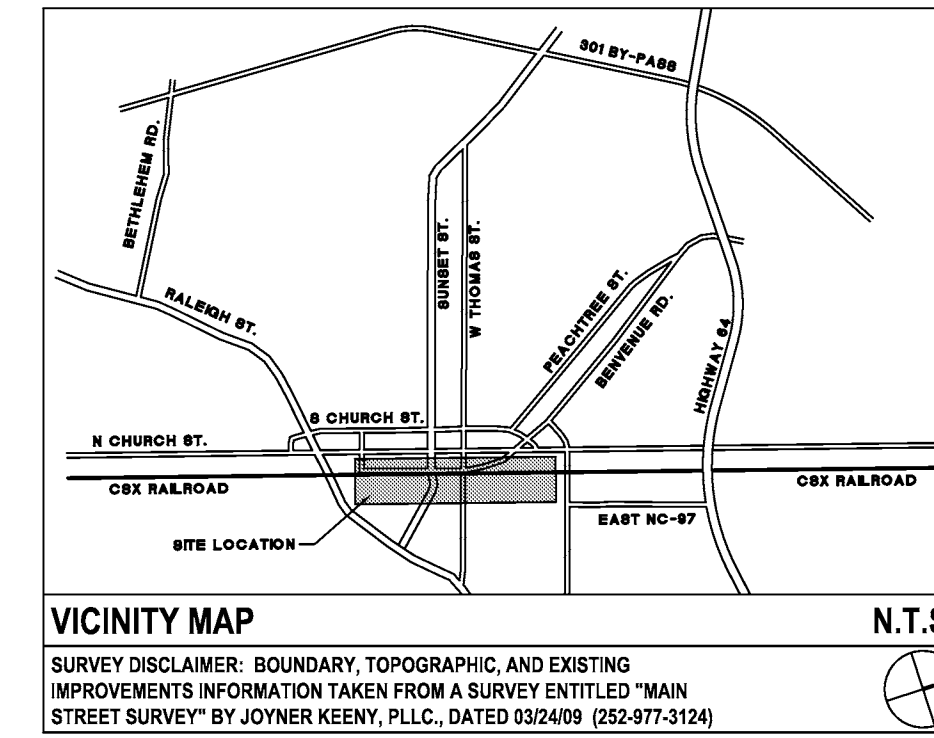
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

SCALE: 1"= 100'



KP 1.0

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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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SITE PLAN

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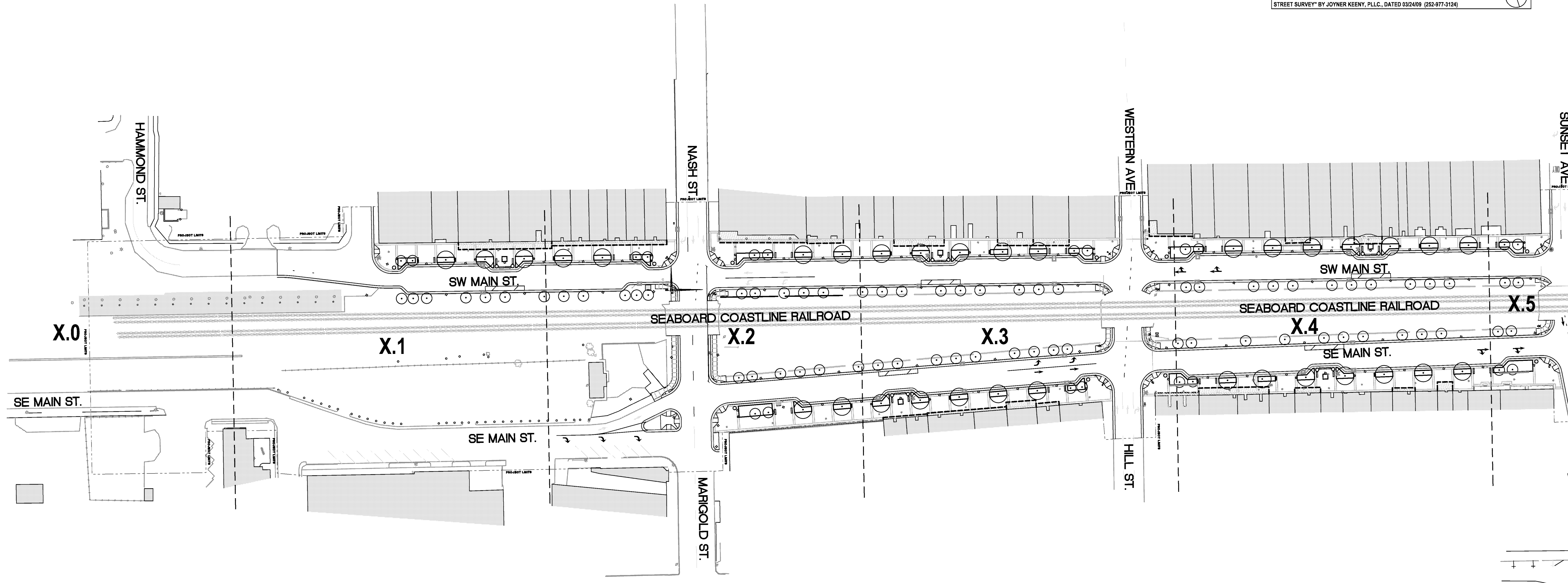
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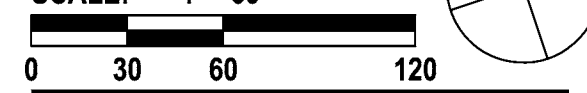


TABBY



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SCALE: 1"= 60'



SP 1.0

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**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

SITE PLAN

PROJECT NUMBER:

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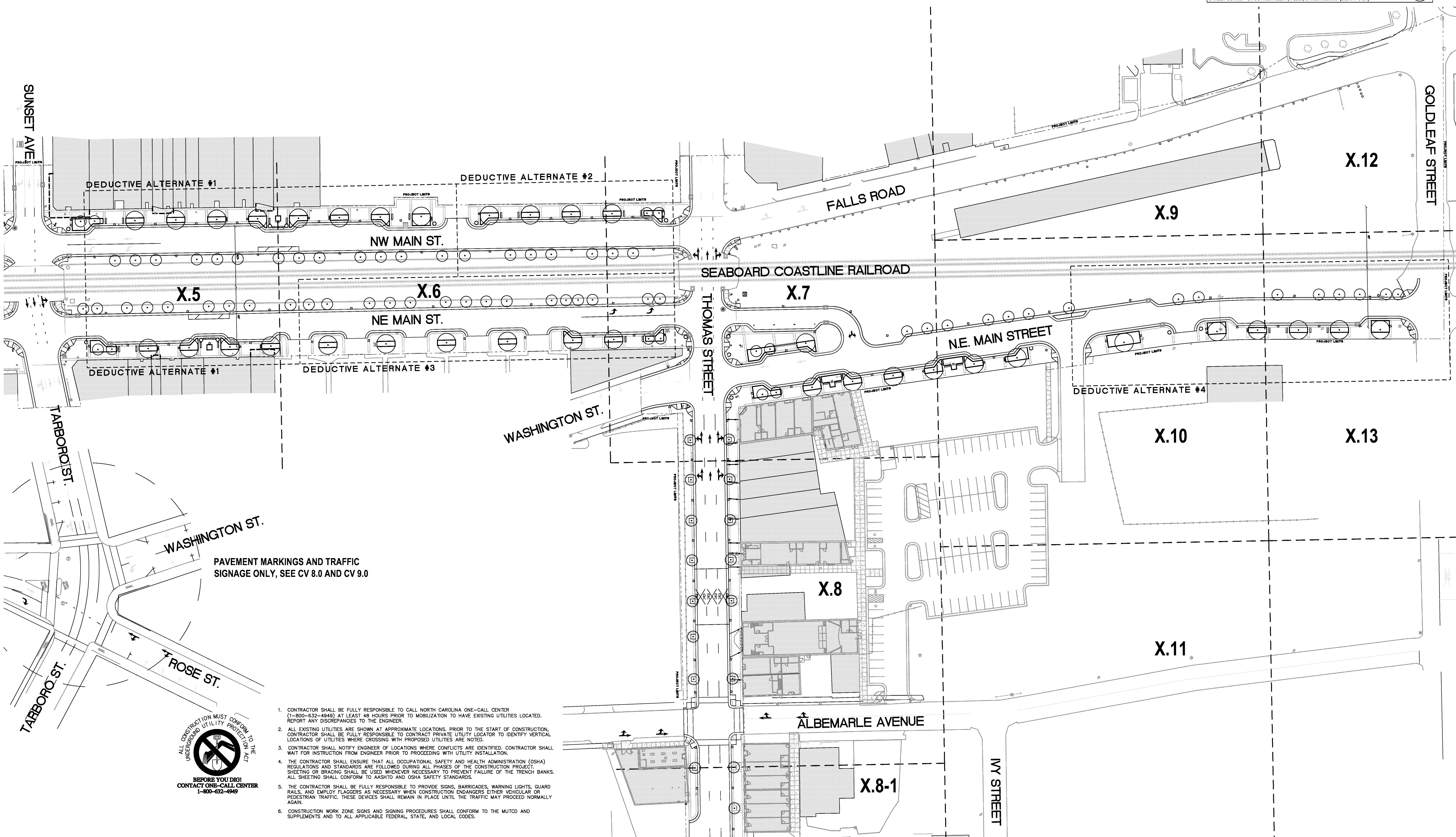
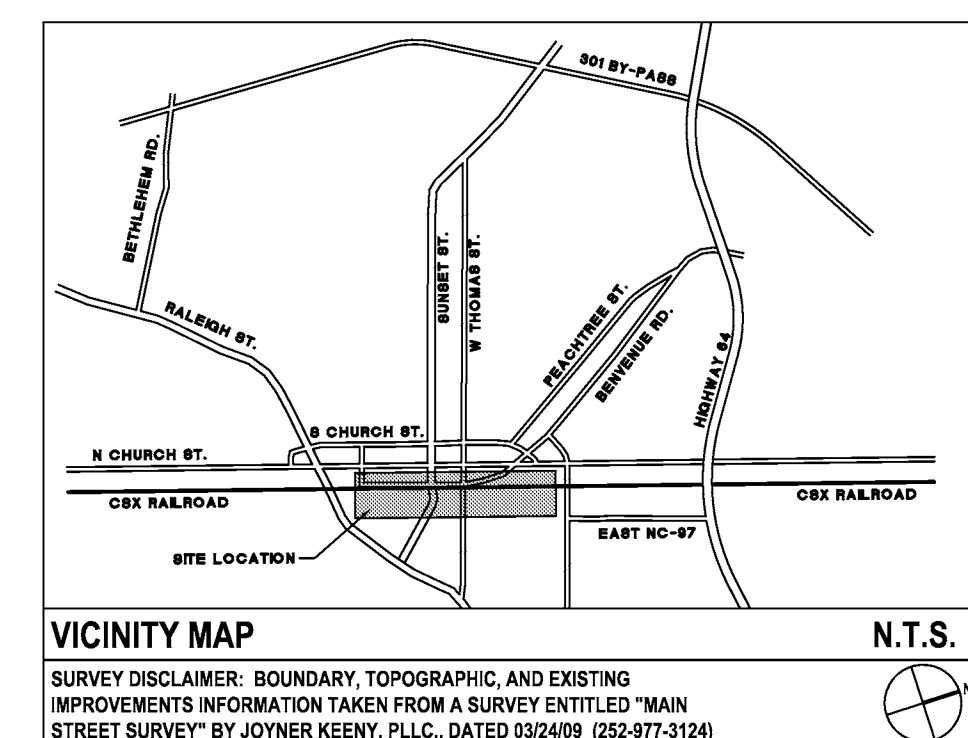
SCALE: 1"= 60'



SP 2.0

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PAVEMENT MARKINGS AND TRAFFIC SIGNAGE ONLY, SEE CV 8.0 AND CV 9.0



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PLAN FOR PROPOSED TRAFFIC CONTROL, MARKING & DELINEATION EDGECOMBE and NASH COUNTIES

NCDOT ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW PANELS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATIONS

THE FOLLOWING TYPICAL APPLICATIONS AS APPEAR IN PART 6, TEMPORARY TRAFFIC CONTROL, OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, 2009 EDITION" ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

TYPICAL APPLICATION NO.	TITLE
TA-6	SHOULDER WORK WITH MINOR ENCROACHMENT
TA-21	LANE CLOSURE ON NEAR SIDE OF INTERSECTION
TA-22	RIGHT LANE CLOSURE ON FAR SIDE OF INTERSECTION
TA-23	LEFT LANE CLOSURE ON FAR SIDE OF INTERSECTION
TA-24	HALF ROAD CLOSURE ON FAR SIDE OF INTERSECTION
TA-25	MULTIPLE LANE CLOSURES AT INTERSECTION
TA-26	CLOSURE IN CENTER OF INTERSECTION
TA-27	CLOSURE AT SIDE OF INTERSECTION
TA-28	SIDEWALK CLOSURE AND BYPASS SIDEWALKS

THE PROJECT SPECIAL PROVISIONS, NCDOT ROADWAY STANDARD DRAWINGS, AND THE 2009 MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATIONS SHALL GOVERN. IN THE EVENT OF A CONFLICT THE ORDER OF PRECEDENCE SHALL BE:
PROJECT SPECIAL PROVISIONS
NCDOT ROADWAY STANDARD DRAWINGS
2009 MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATIONS

INDEX OF SHEETS

SHEET NO.	TITLE
TC 1.0	LIST OF APPLICABLE NCDOT ROADWAY STANDARD DRAWINGS, MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATIONS, PHASING AND INDEX OF SHEETS
TC 1.1	PROJECT NOTES
TC 1.2	TYPICAL DRAWINGS FOR SIDEWALK CLOSURES
TC 1.3	ADVANCED WORK ZONE WARNING SIGNS

PHASING

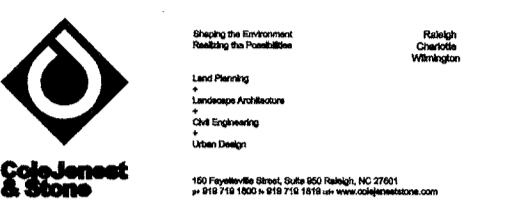
NOTE: REMOVE ALL TEMPORARY TRAFFIC CONTROL LANE CLOSURE DEVICES AND RETURN TRAFFIC TO ITS EXISTING PATTERN AT THE END OF EACH WORK PERIOD.

NOTE: WHEN CONSTRUCTION/REMOVING SIGNAL POLE STRUCTURES OR UNDERGROUND UTILITIES ADJACENT TO TRAFFIC OR SIDEWALKS, COVER EXCAVATED AREAS WITH TEMPORARY 1" A36 STEEL PLATES BEFORE OPENING TRAFFIC TO THE EXISTING PATTERN, AS DIRECTED BY THE ENGINEER.

STEP 1: USING FLAGGERS AND THE MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATIONS (TA-6, TA-21 THROUGH TA-28), WORK IN A CONTINUOUS MANOR TO COMPLETE THE FOLLOWING AS SHOWN IN THE PLANS:
• CONSTRUCT THE CURB AND GUTTER, ISLANDS, SIDEWALKS, AND UTILITIES,
• INSTALL NEW PAVEMENT MARKINGS AND REMOVE CONFLICTING PAVEMENT MARKINGS,
• INSTALL NEW SIGNS AND REMOVE CONFLICTING SIGNS, AND
• INSTALL NEW METAL SIGNAL POLES WITH MAST ARMS AND REVISE TRAFFIC SIGNAL OPERATIONS.

USING LANE CLOSURES WORK IN A CONTINUOUS MANOR TO COMPLETE THE FOLLOWING AS SHOWN IN THE PLANS:
• CONSTRUCT THE CURB AND GUTTER, ISLANDS, SIDEWALKS, AND UTILITIES.

STEP 2: UPON COMPLETION OF THE PROJECT, REMOVE ALL TRAFFIC CONTROL DEVICES.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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TRAFFIC CONTROL PLAN

PROJECT NUMBER:

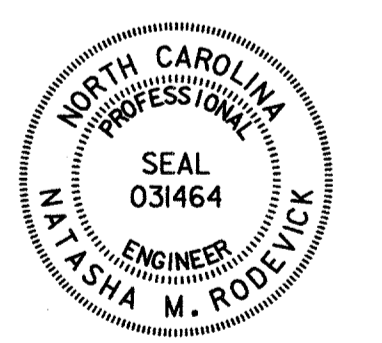
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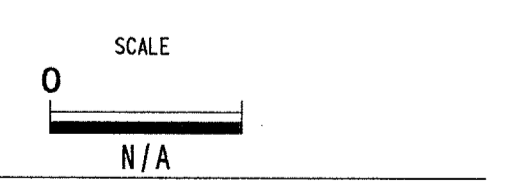
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Nasha M. Rodriguez 4-22-10
SIGNATURE DATE



TC 1.0

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Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
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PROJECT NOTES

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.

LANE CLOSURE TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS	MON. - FRI. 7:00 AM TO 9:00 AM 4:00 PM TO 6:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

ALL ROADS

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR ANY SPECIAL EVENT OCCURRING BETWEEN 3 HOURS BEFORE THE START AND 3 HOURS AFTER THE END OF THE SPECIAL EVENT, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 P.M. DECEMBER 31ST TO 7:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 7:00 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 P.M. THURSDAY AND 7:00 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 P.M. TUESDAY TO 7:00 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) WHEN USING A SHOULDER CLOSURE WITH MINOR ENCROACHMENT INTO THE ADJACENT TRAFFIC LANE USING MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATION TA-6, MAINTAIN A MINIMUM OF 10 FT. TRAVEL LANE AND CLOSE AFFECTED SIDEWALKS/ PEDESTRIAN PATHS.
- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL, CLOSE THE LANE ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- F) DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON ANY ROAD.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- G) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 200 FEET IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

SIGNING

- H) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE. INSTALL SIGNS IMMEDIATELY PRIOR TO THE BEGINNING OF CONSTRUCTION AND REMOVE OR COVER SIGNS UPON COMPLETION AND DURING INACTIVE PERIODS.
- I) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- J) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 200 FEET IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

- K) INSTALL WATER-FILLED BARRIER A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE WATER-FILLED BARRIER IS INSTALLED AT ANY LOCATION, PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE WATER-FILLED BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE WATER-FILLED BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET BARRIER AT NOT COST TO THE OWNER UNLESS THE BARRIER IS PROTECTING A HAZARD OR AS DIRECTED BY THE ENGINEER.

INSTALL WATER-FILLED BARRIER WITH THE TRAFFIC FLOW, BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE WATER-FILLED BARRIER AGAINST THE TRAFFIC FLOW, BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE WATER-FILLED BARRIER CAN BE PLACED OR AFTER THE WATER-FILLED BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

- L) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADIUS, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- M) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- N) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS SHOWN IN THE PAVEMENT MARKING PLAN.
- O) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:
- | ROAD NAME | MARKING | MARKER |
|--------------|---------|------------------|
| 1. ALL ROADS | PAINT | TEMPORARY RAISED |
- P) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Q) REMOVE/REPLACE ANY CONFLICTING/ DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- R) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS/CONES/SKINNY DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

FINAL SIGNALS

- S) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

PEDESTRIANS

- T) MAINTAIN REASONABLE AND SAFE PEDESTRIAN ACCESS AT ALL TIMES TO ALL BUSINESSES, SCHOOLS AND DWELLINGS IN AREAS AFFECTED BY CONSTRUCTION.
- U) WHEN CONSTRUCTION ACTIVITIES WILL BLOCK PEDESTRIAN ACCESS TO PEDESTRIAN SIGNAL PUSHBUTTONS, NOTIFY THE ENGINEER AT LEAST 24 HOURS IN ADVANCE OF SUCH WORK TO HAVE THE TRAFFIC SIGNAL PLACED ON PEDESTRIAN RECALL.
- V) REFER TO MUTCD SECTION 6D.01, "PEDESTRIAN CONSIDERATIONS" AND SECTION 6D.02, "ACCESSIBILITY CONSIDERATIONS" FOR ADDITIONAL REQUIREMENTS AND CONSIDERATIONS FOR MAINTAINING PEDESTRIAN TRAFFIC THROUGH WORK AREA.

POLICE

- W) WHEN AN EXISTING TRAFFIC SIGNAL IS PLACED OUT OF SERVICE (I.E. THE TRAFFIC SIGNAL HEADS ON ONE OR MORE APPROACHES ARE DARK), POLICE WILL BE REQUIRED TO MAINTAIN TRAFFIC THROUGH THE INTERSECTION UNTIL PROPER SIGNAL OPERATION IS RESTORED. DIVIDED AND MULTI-LANE FACILITIES MAY REQUIRE TWO POLICE OFFICERS, AS DIRECTED BY THE ENGINEER.
- X) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA, AS DIRECTED BY THE ENGINEER.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

TRAFFIC CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Nasha M. Rodetick 4.22.10
SIGNATURE DATE

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TC 1.1

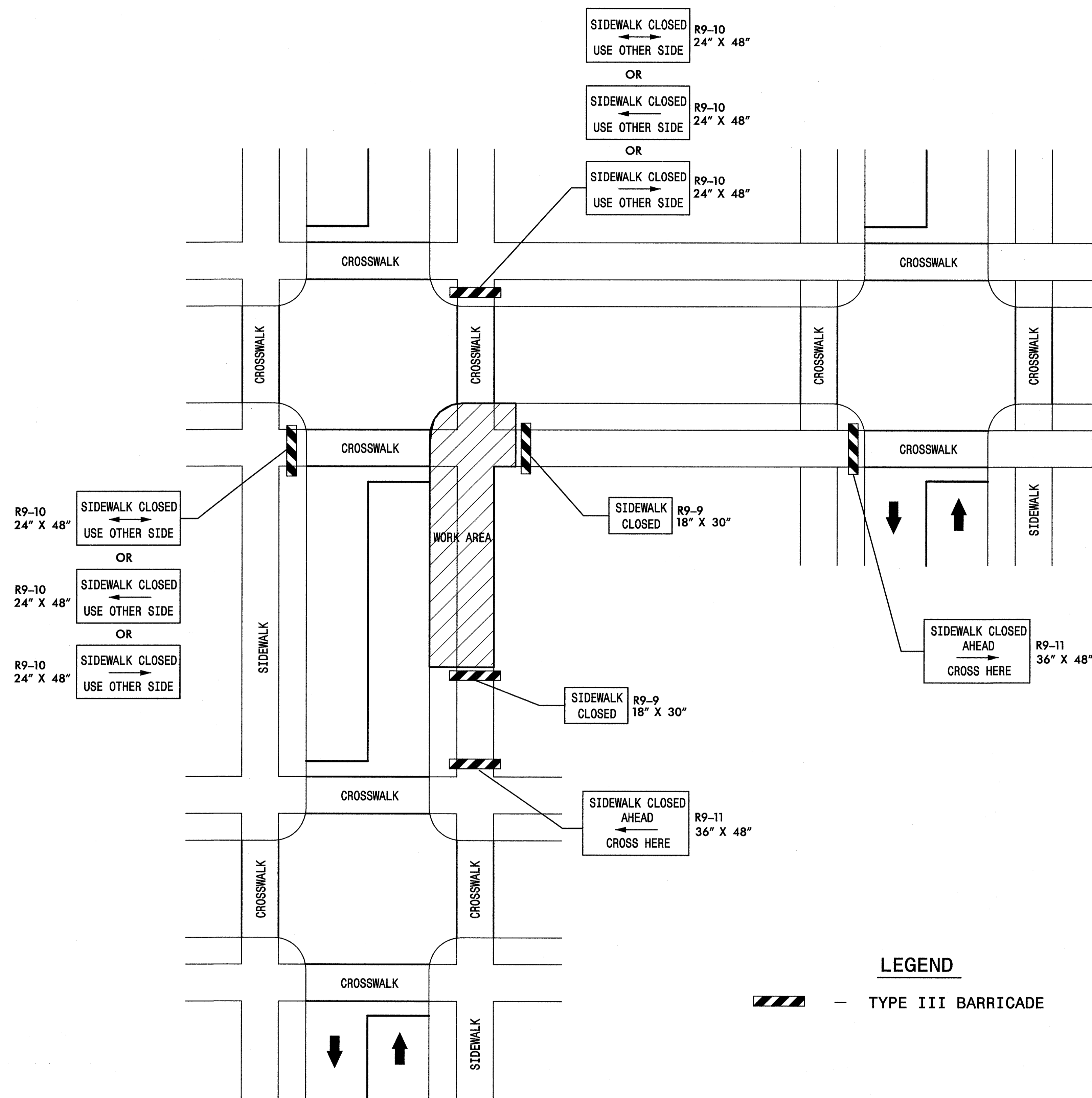
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Raleigh, North Carolina 27609
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TYPICAL DRAWING FOR
SIDEWALK CLOSURES

LEGEND
 — TYPE III BARRICADE



**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**TRAFFIC
CONTROL
PLAN**

PROJECT NUMBER:

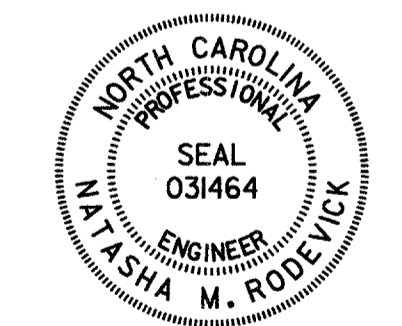
50219

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04.22.10

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Ashia M. Rode 4-22-10
SIGNATURE DATE

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TC 1.2

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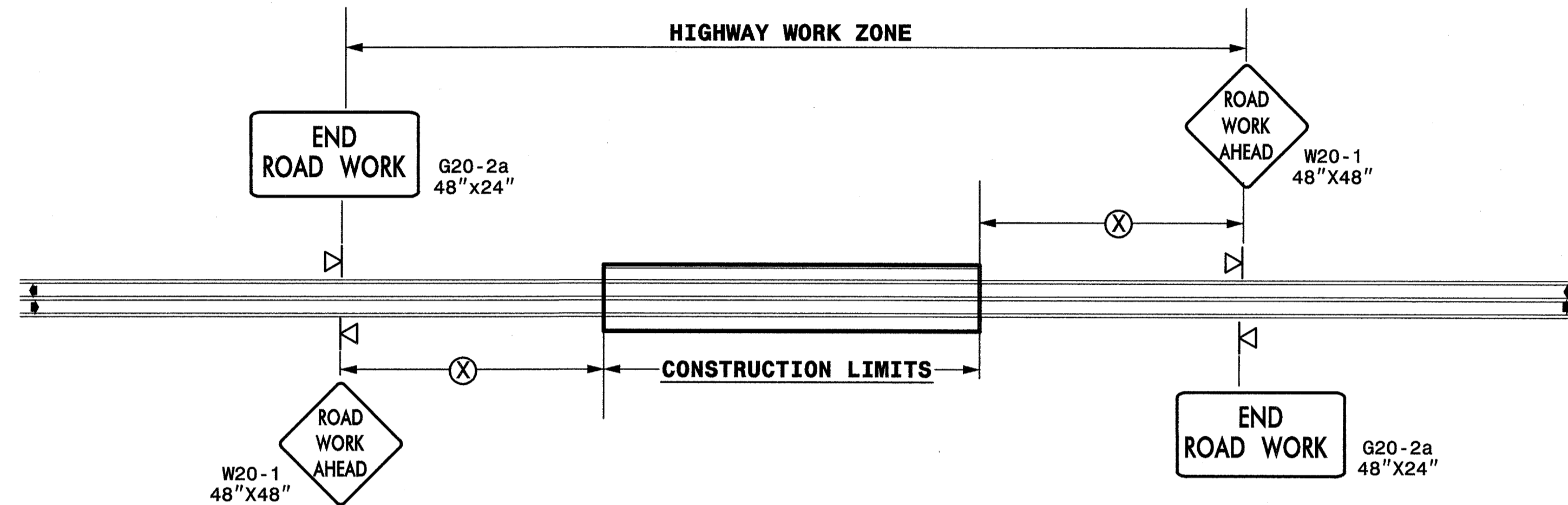
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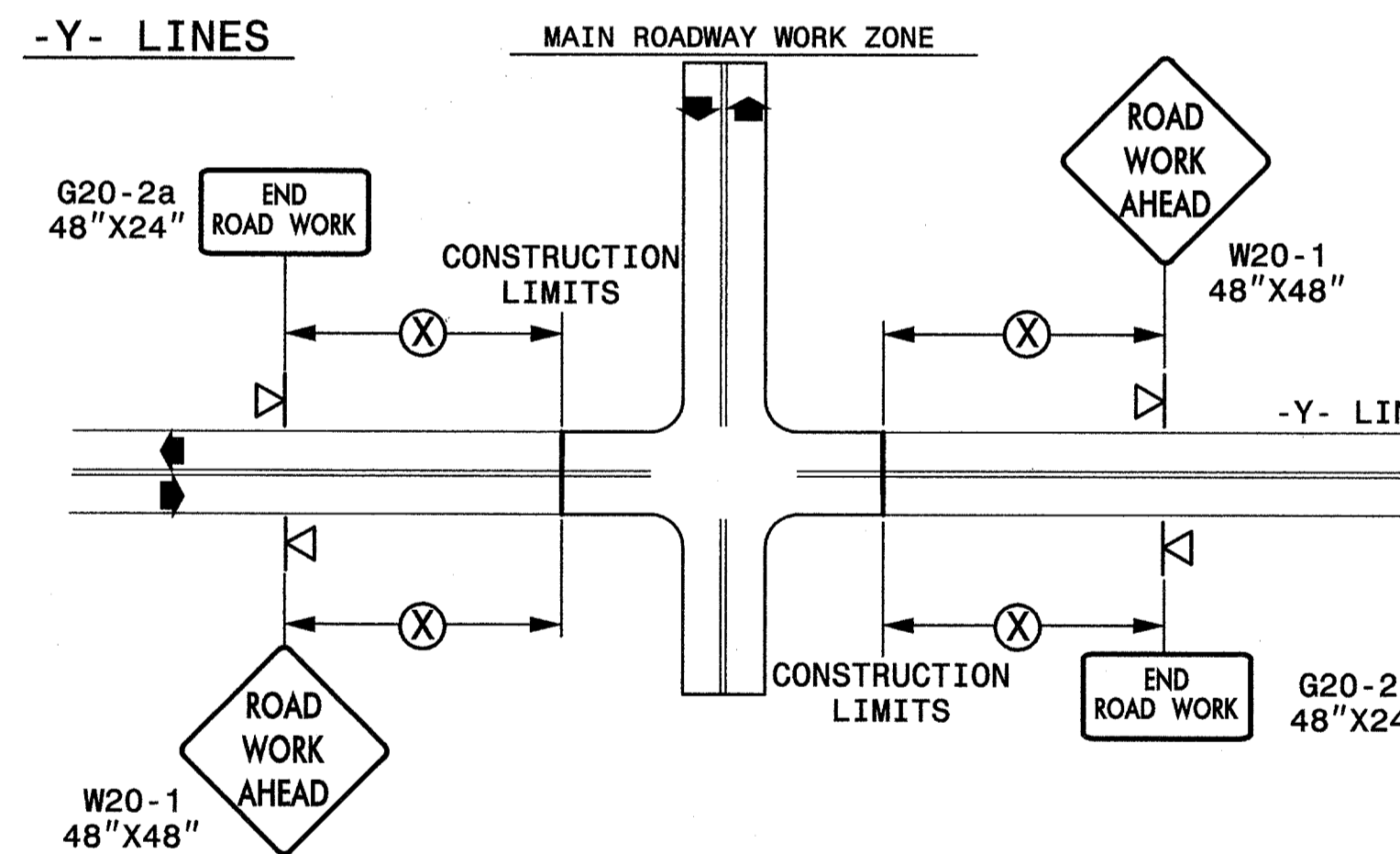
DETAIL DRAWING FOR TWO-WAY UNDIVIDED AND URBAN FREEWAYS ADVANCED WORK ZONE WARNING SIGNS

TWO-WAY UNDIVIDED ** (L-LINES)



POSTED SPEED LIMIT (M.P.H.)	RECOMMENDED MINIMUM SIGN SPACING
≤ 50	500'
≥ 55	1000'

ROADWAYS INTERSECTING ALONG 2 WAY UNDIVIDED WORK ZONE (Y-LINES)



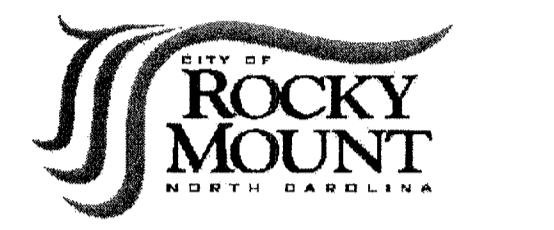
GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.02.
- ** TWO-WAY UNDIVIDED ADVANCE WARNING SIGN CONFIGURATION MAY BE USED ON URBAN MULTI-LANE FACILITIES WHERE CONDITIONS LIMIT THE USE OF DUAL MOUNTED SIGNS AS DETERMINED BY THE ENGINEER.

LEGEND

◁ PORTABLE SIGN

➡ DIRECTION OF TRAFFIC FLOW



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

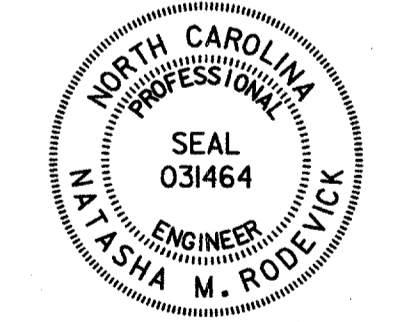
**TRAFFIC
CONTROL
PLAN**

PROJECT NUMBER:
50219

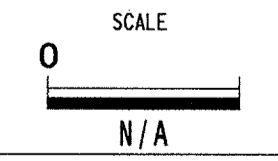
ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Rojewick 4.22.10
SIGNATURE DATE

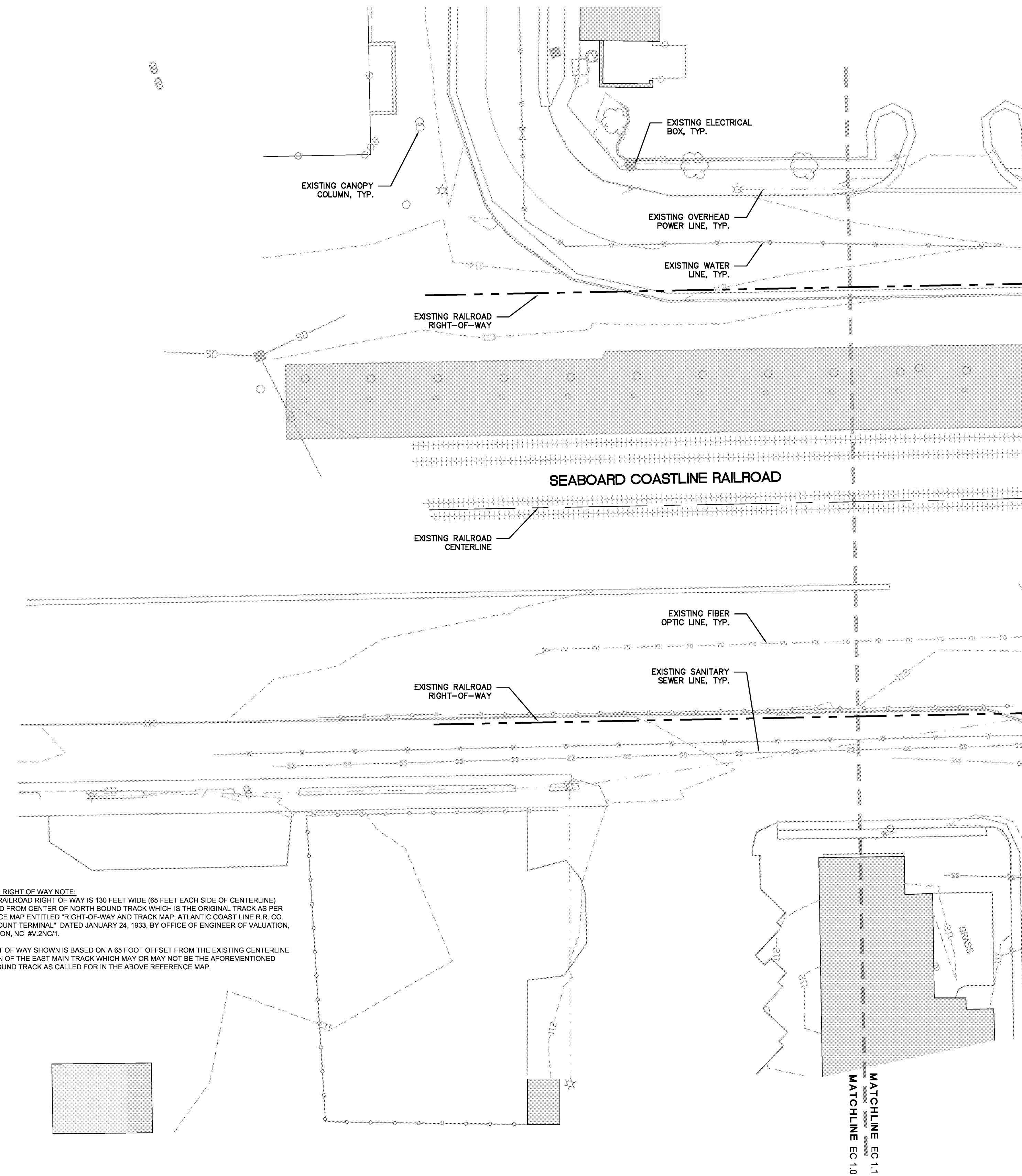


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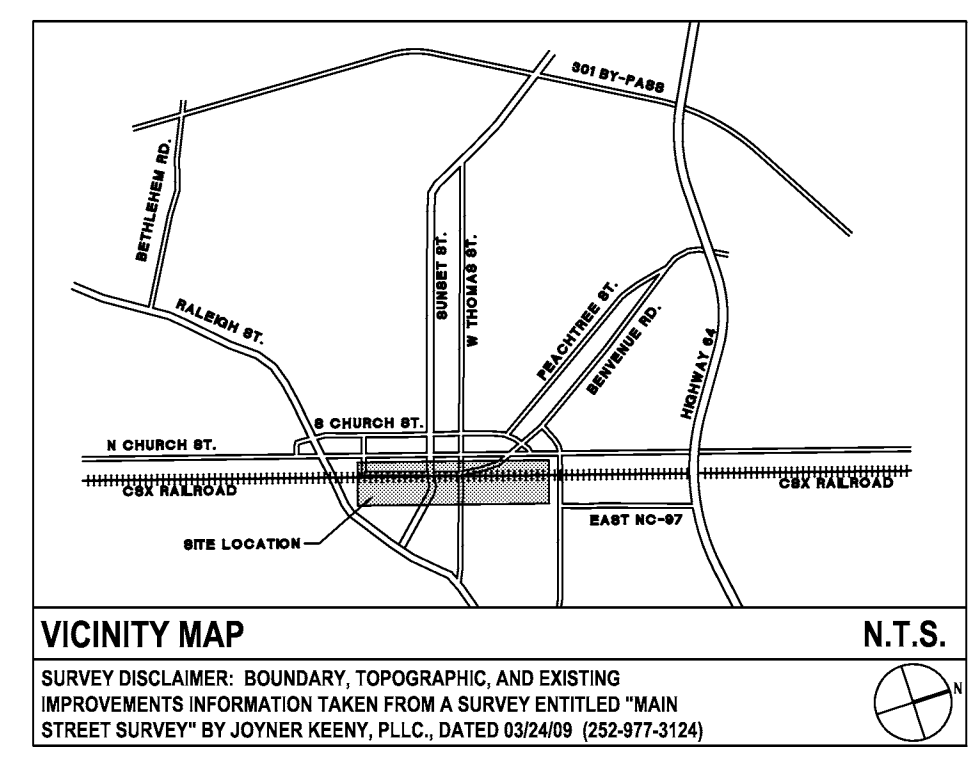
Prepared by:
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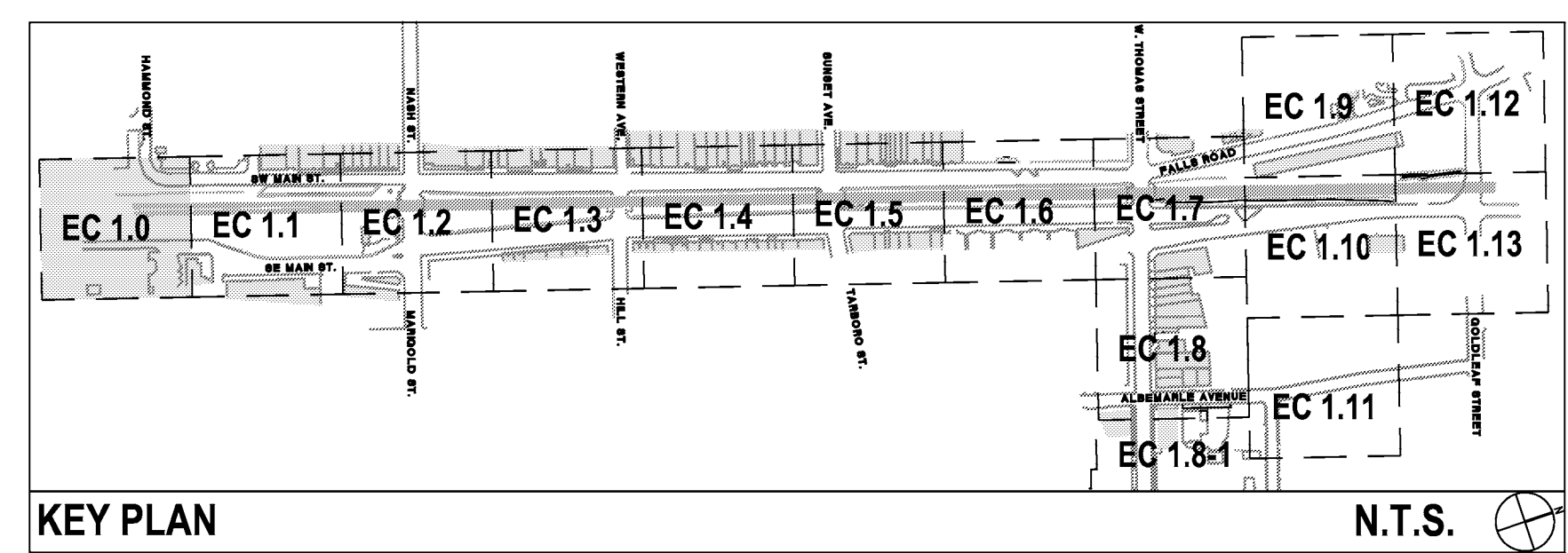
RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2ND1.

THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND

SYMBOL	DETAIL
[Symbol: Parallel lines with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Dashed line with cross-ticks]	EXISTING SIGN -/-
[Symbol: Dashed line]	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'S']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'v']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'v']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'S']	EXISTING STORM SEWER MANHOLE -/-
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'P']	EXISTING POWER POLE -/-
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol: Dashed line with 'F']	EXISTING FENCE -/-



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

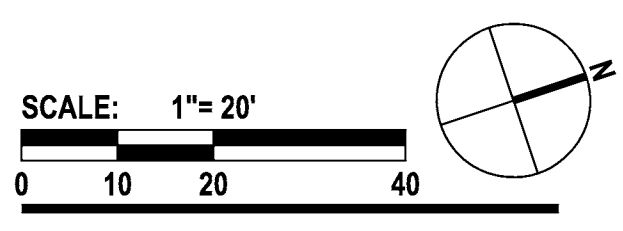
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ISSUED:

04.22.10

REVISED: # COMMENTS:

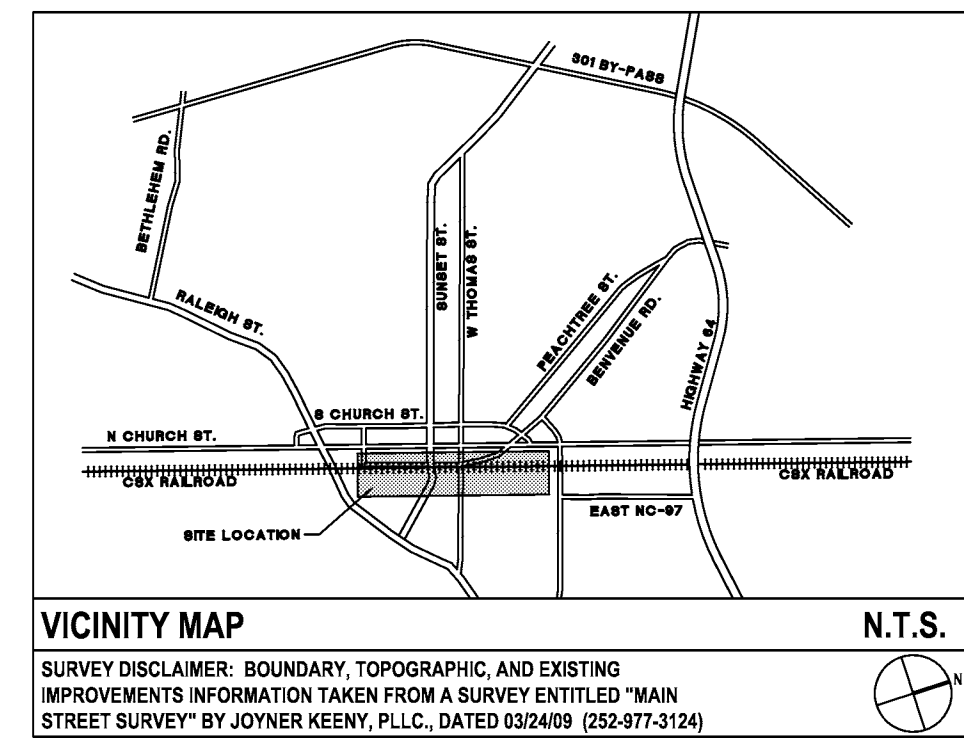
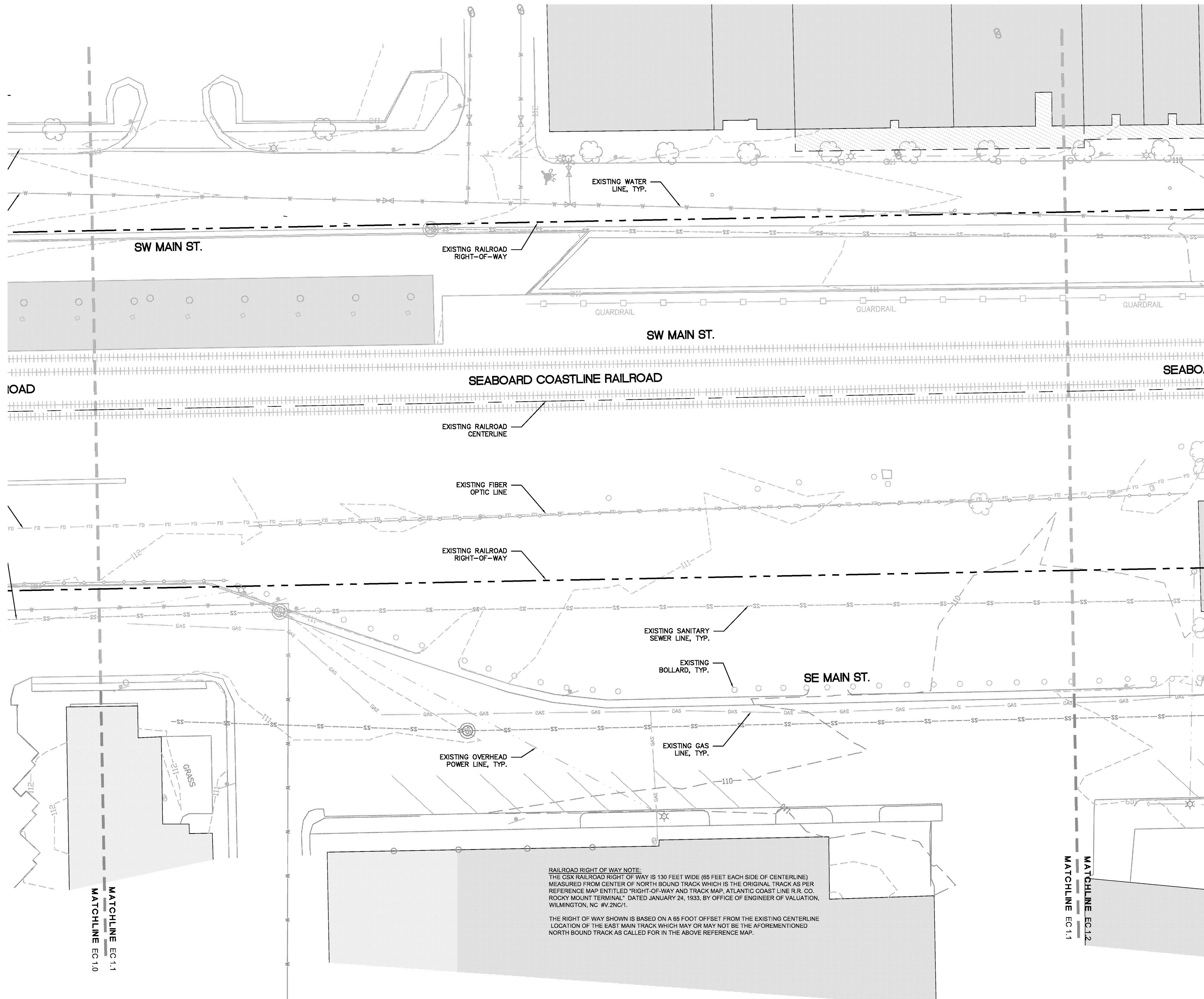
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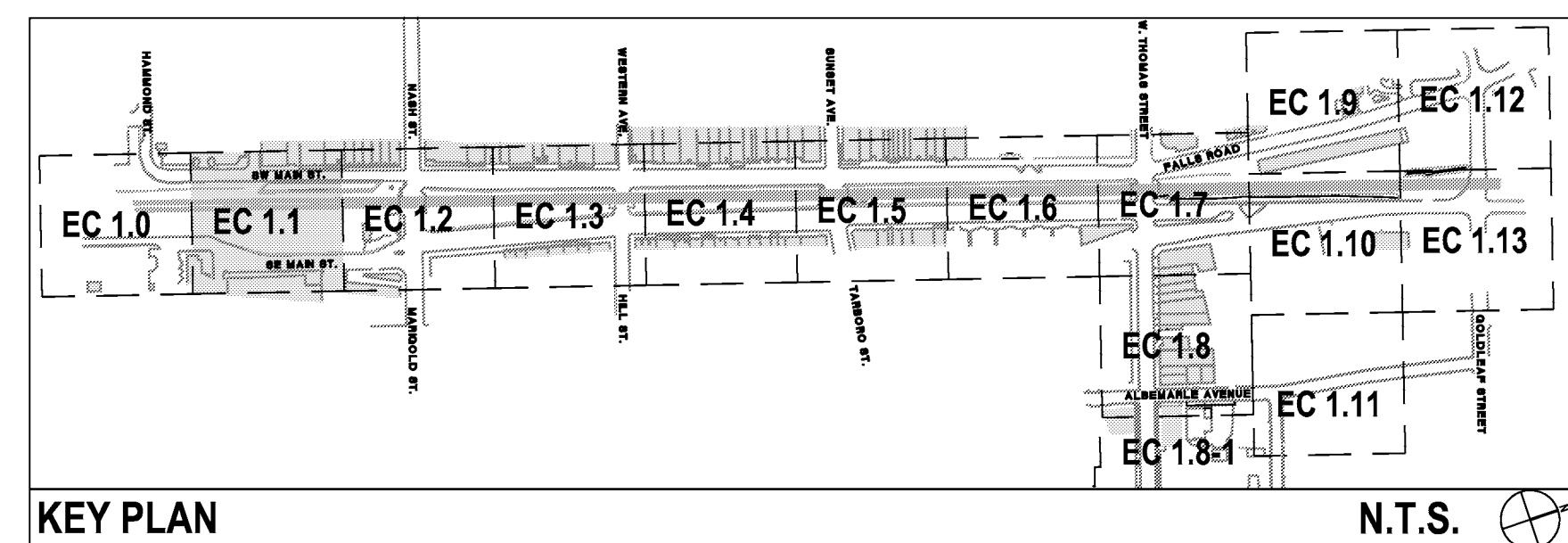
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LEGEND

SYMBOL	DETAIL
[Symbol]	EXISTING RAIL LINE -/-
[Symbol]	EXISTING SIGN -/-
[Symbol]	EXISTING SANITARY SEWER LINE -/-
[Symbol]	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol]	EXISTING WATER LINE -/-
[Symbol]	EXISTING WATER METER -/-
[Symbol]	EXISTING WATER VALVE -/-
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[Symbol]	EXISTING GAS LINE -/-
[Symbol]	EXISTING FIBER OPTIC LINE -/-
[Symbol]	EXISTING OVERHEAD POWER -/-
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[Symbol]	EXISTING POWER POLE W/ TRANSFORMER -/-
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[Symbol]	EXISTING FENCE -/-



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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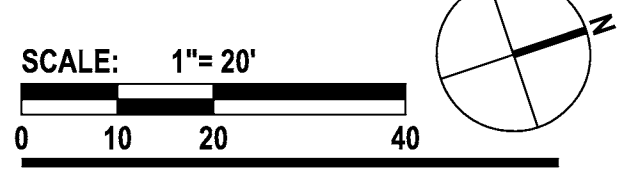
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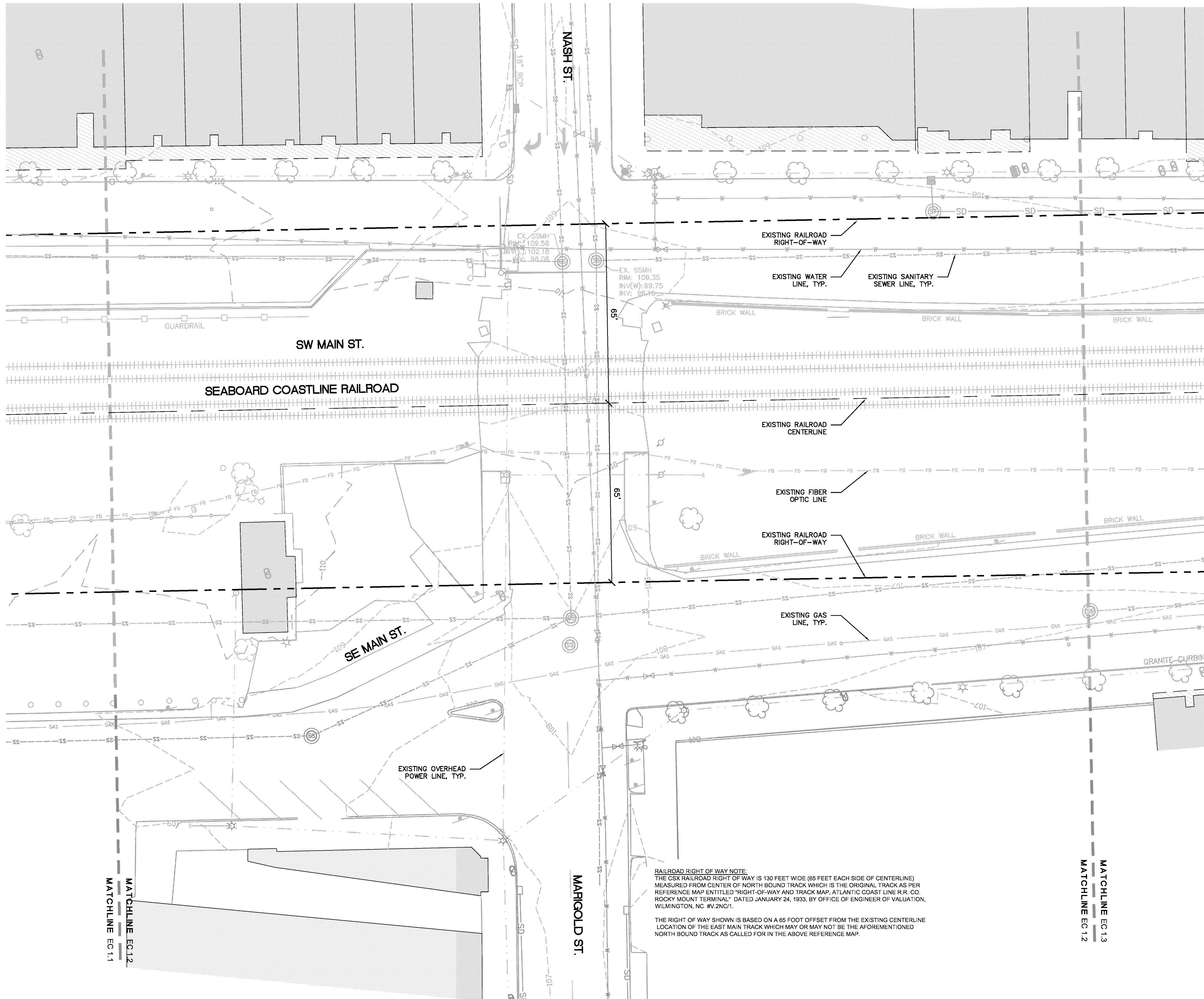
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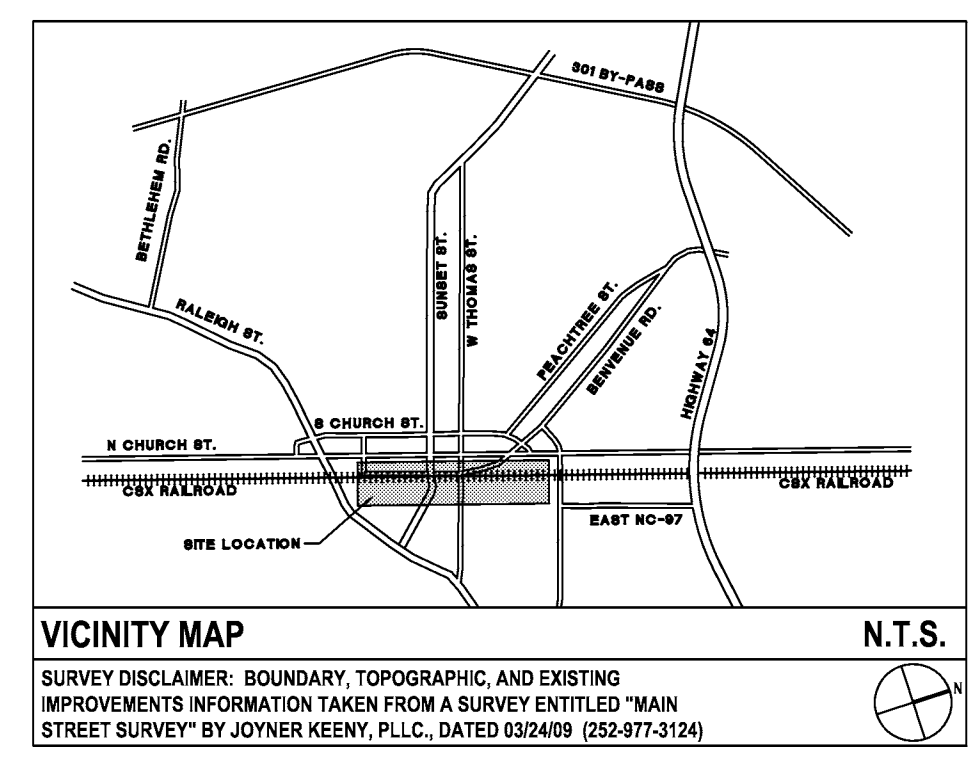
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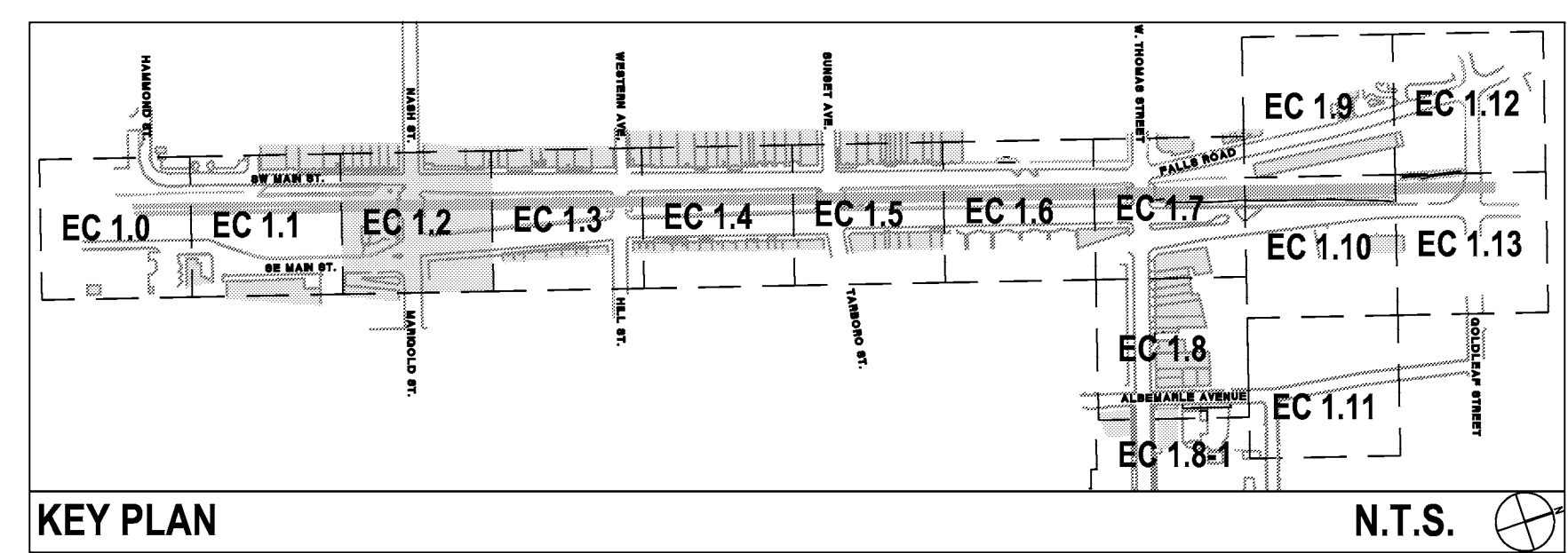


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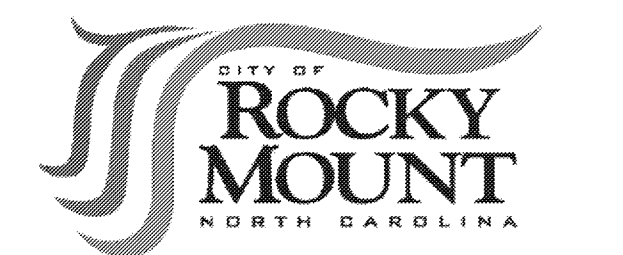


LEGEND

SYMBOL	DETAIL
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[Symbol: Dashed line with dots]	EXISTING SIGN -/-
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'SSM']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'W']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'SSM']	EXISTING STORM SEWER MANHOLE -/-
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[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
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[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

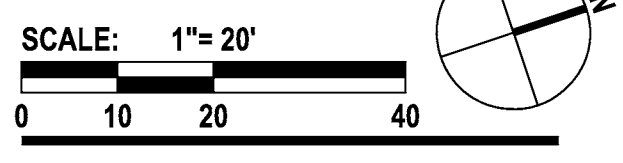
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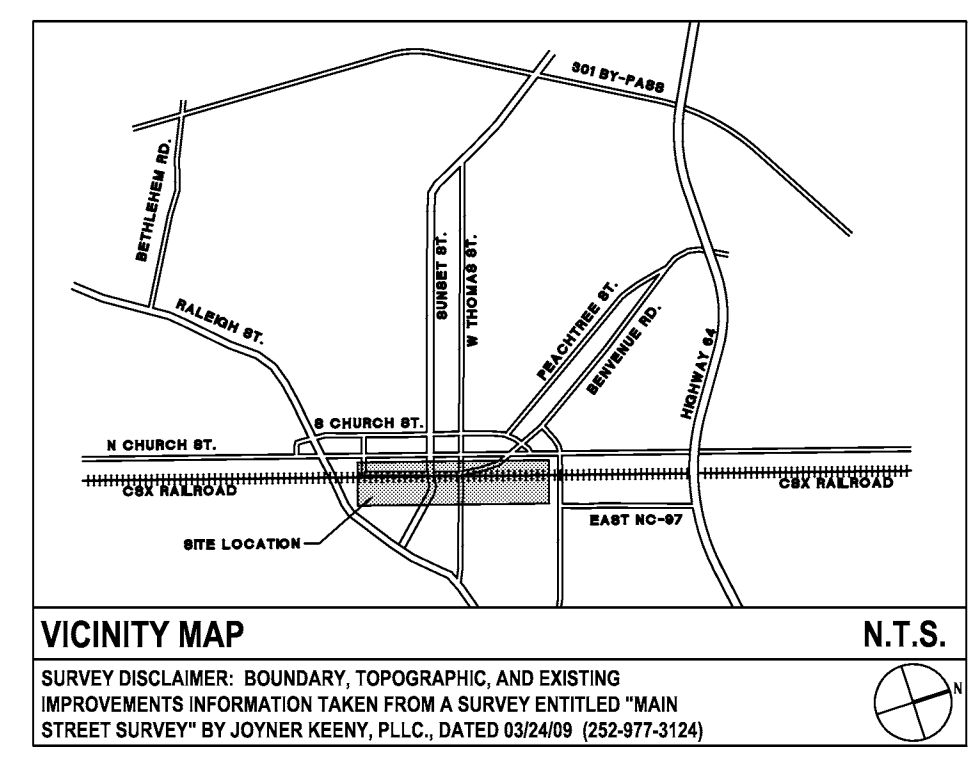
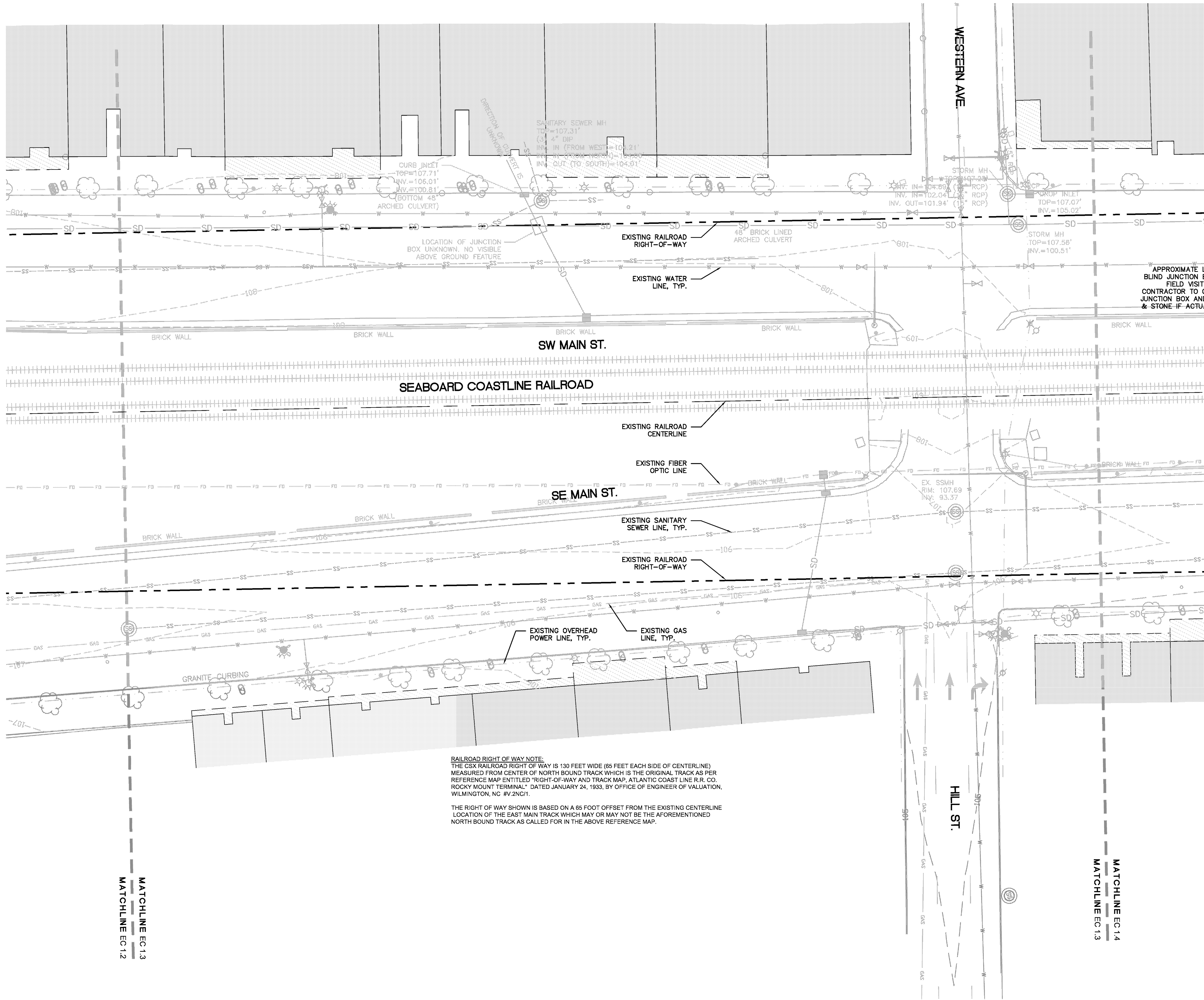
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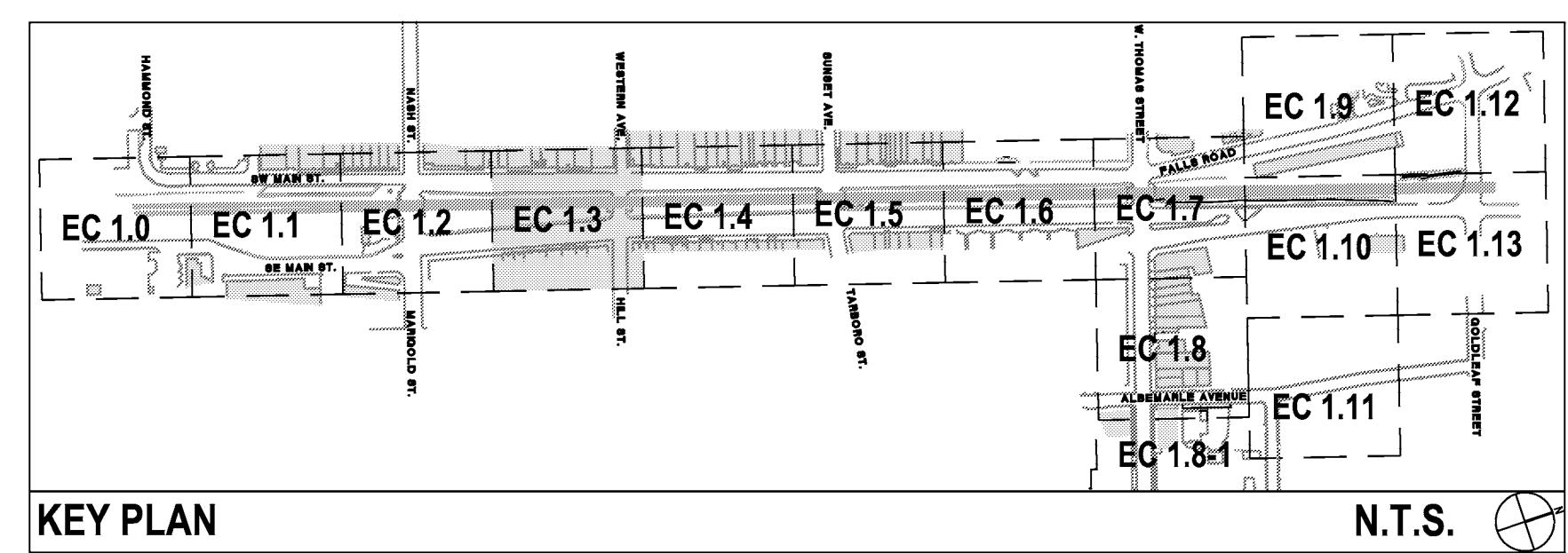
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LEGEND

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[Symbol: Circle with 'SSM']	EXISTING SANITARY SEWER MANHOLE
[Symbol: Dashed line with 'W']	EXISTING WATER LINE
[Symbol: Circle with 'SD']	EXISTING WATER METER
[Symbol: Triangle with 'WV']	EXISTING WATER VALVE
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE
[Symbol: Circle with 'SSM']	EXISTING STORM SEWER MANHOLE
[Symbol: Square with 'SSCB']	EXISTING STORM SEWER CATCH BASIN
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER
[Symbol: Circle with 'P']	EXISTING POWER POLE
[Symbol: Square with 'PT']	EXISTING POWER POLE W/ TRANSFORMER
[Symbol: Star with 'LP']	EXISTING LIGHT POLE
[Symbol: Star with 'LPT']	EXISTING LIGHT POLE W/ TRANSFORMER
[Symbol: Dashed line with 'F']	EXISTING FENCE



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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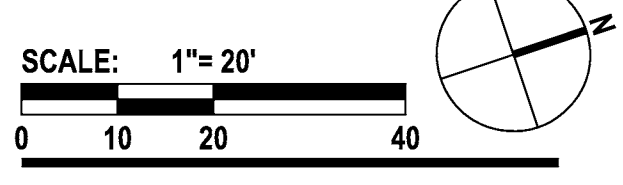
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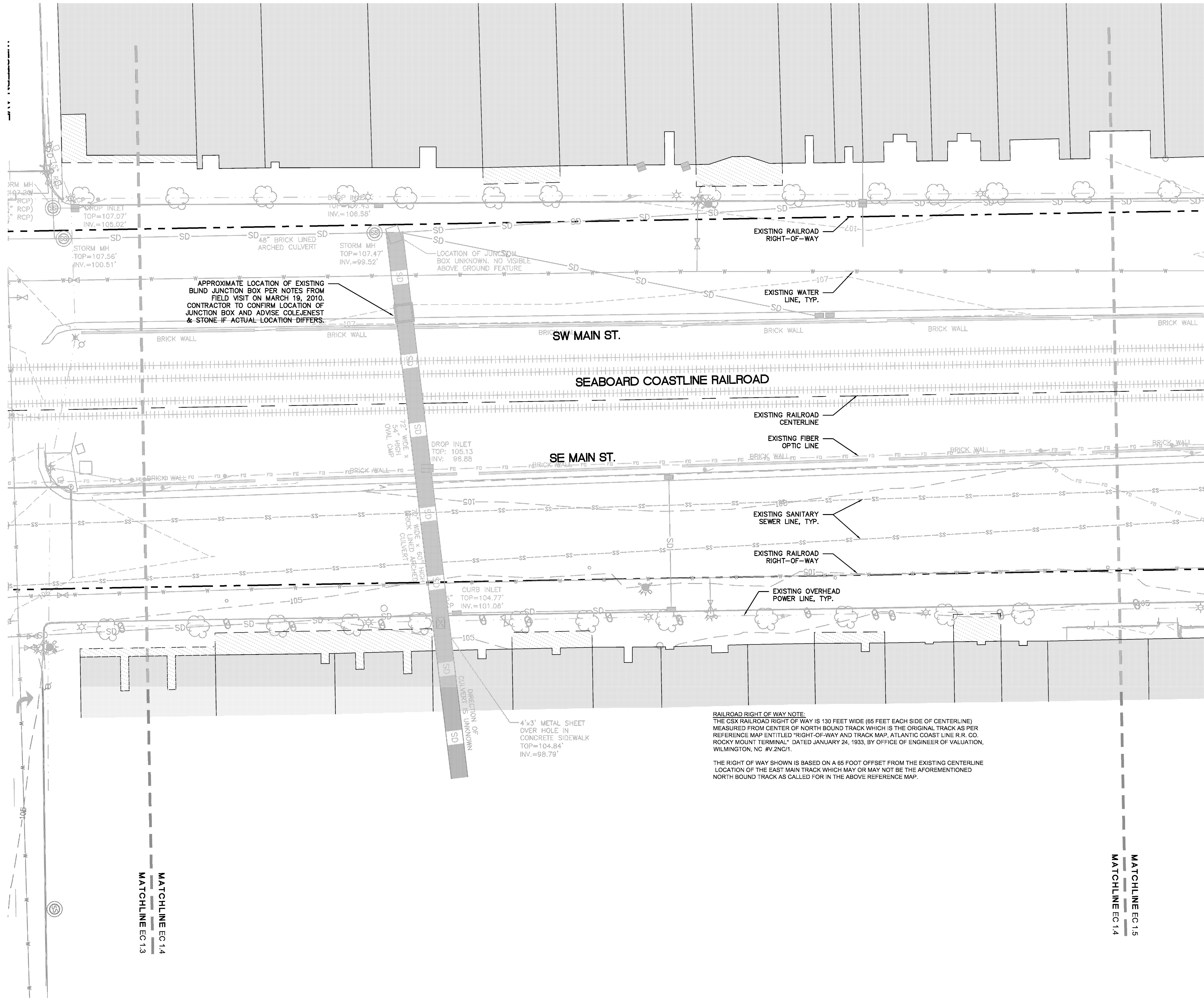
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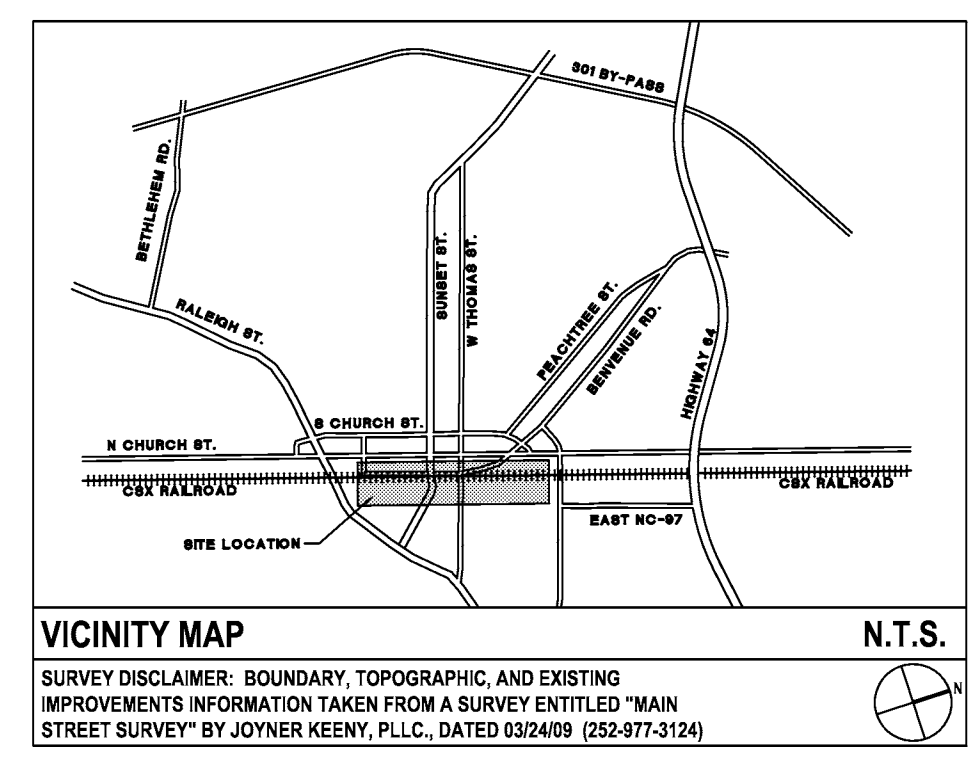


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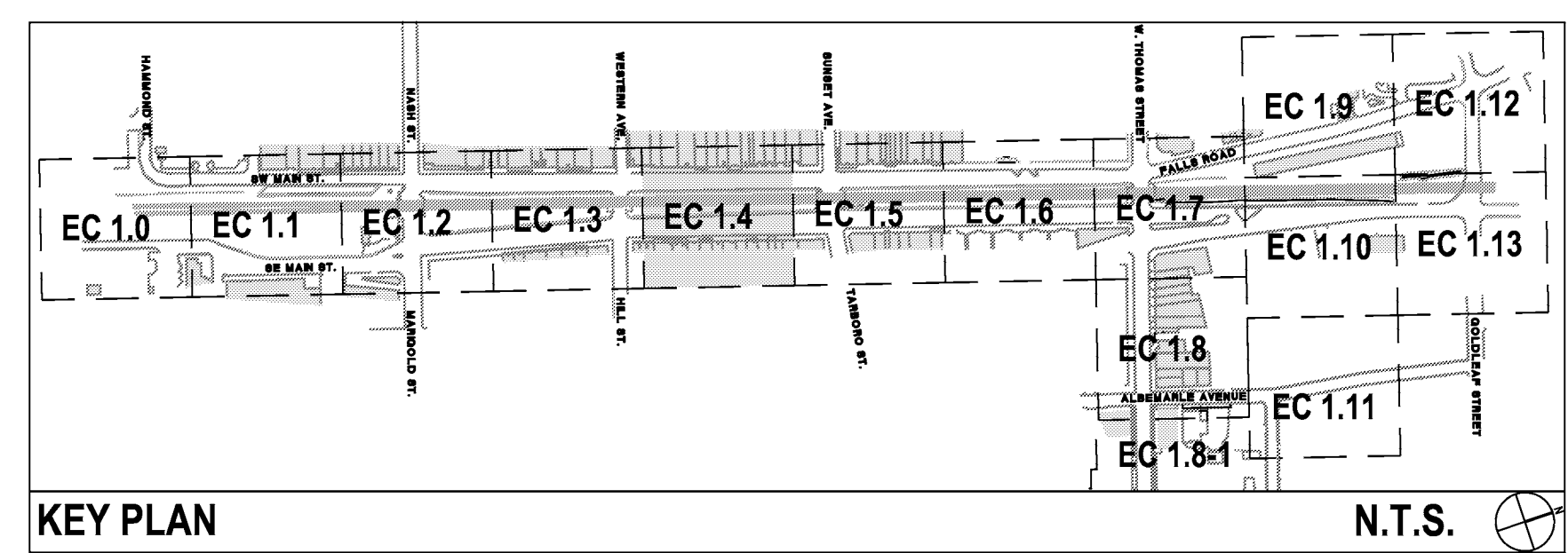
RAILROAD RIGHT OF WAY NOTE:
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THE RIGHT OF WAY SHOWN IS BASED ON A 66 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE FOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND

SYMBOL	DETAIL
[Symbol: Parallel lines with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Dashed line]	EXISTING SIGN -/-
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'SS']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'W']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'SD']	EXISTING STORM SEWER MANHOLE -/-
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'P']	EXISTING POWER POLE -/-
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star]	EXISTING LIGHT POLE -/-
[Symbol: Star with 'P']	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol: Circle with 'F']	EXISTING FENCE -/-



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

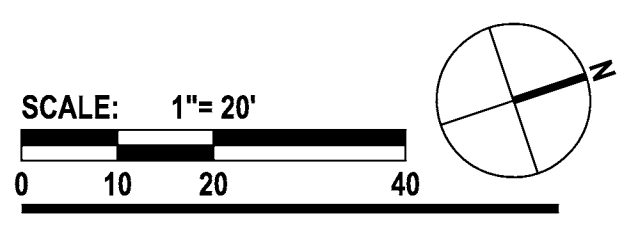
EXISTING CONDITIONS PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

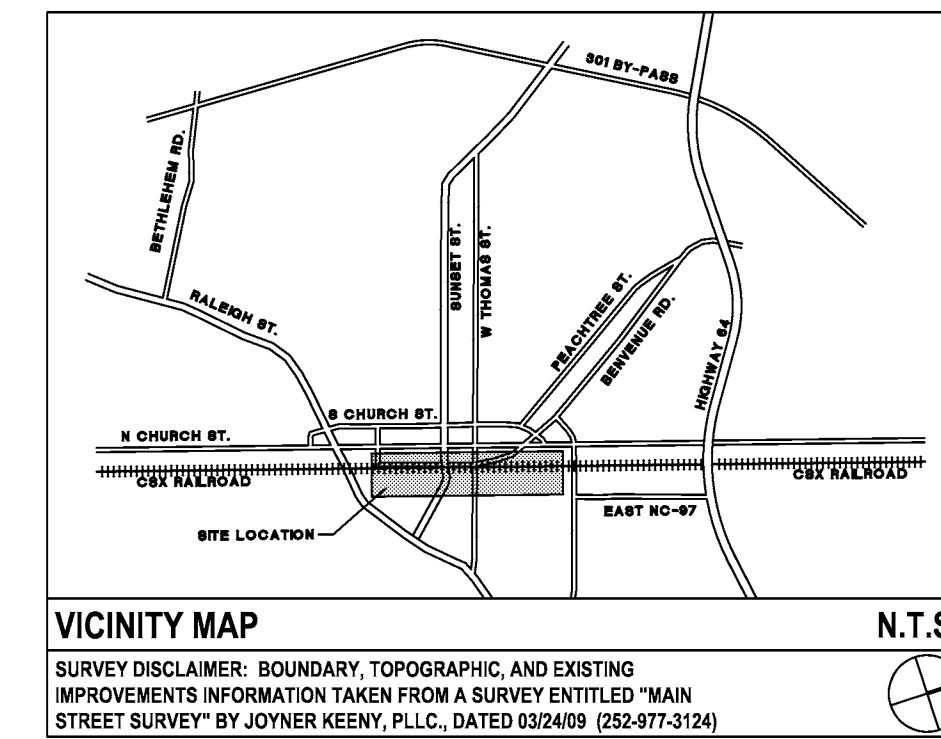
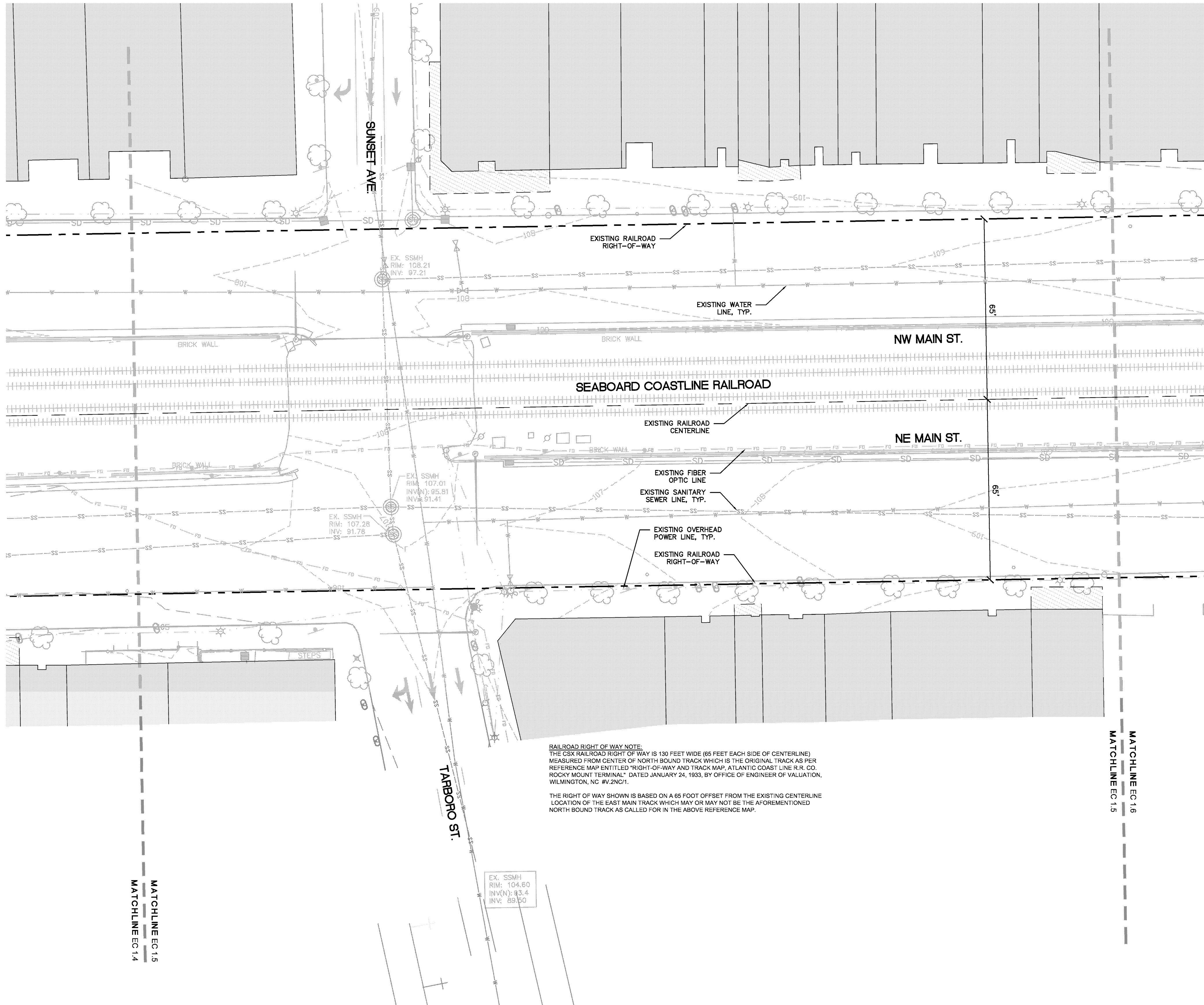
NO.	COMMENTS
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EC 1.4

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LEGEND

SYMBOL	DETAIL
[Symbol: Dashed line with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Dashed line with dots]	EXISTING SIGN -/-
[Symbol: Dashed line with 'S']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'S']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'W']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'SD']	EXISTING STORM SEWER MANHOLE -/-
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'G']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'P']	EXISTING POWER POLE -/-
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol: Dashed line with 'F']	EXISTING FENCE -/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

50219

ISSUED:

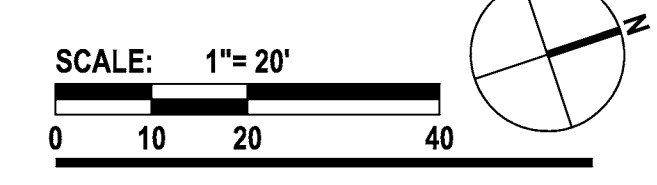
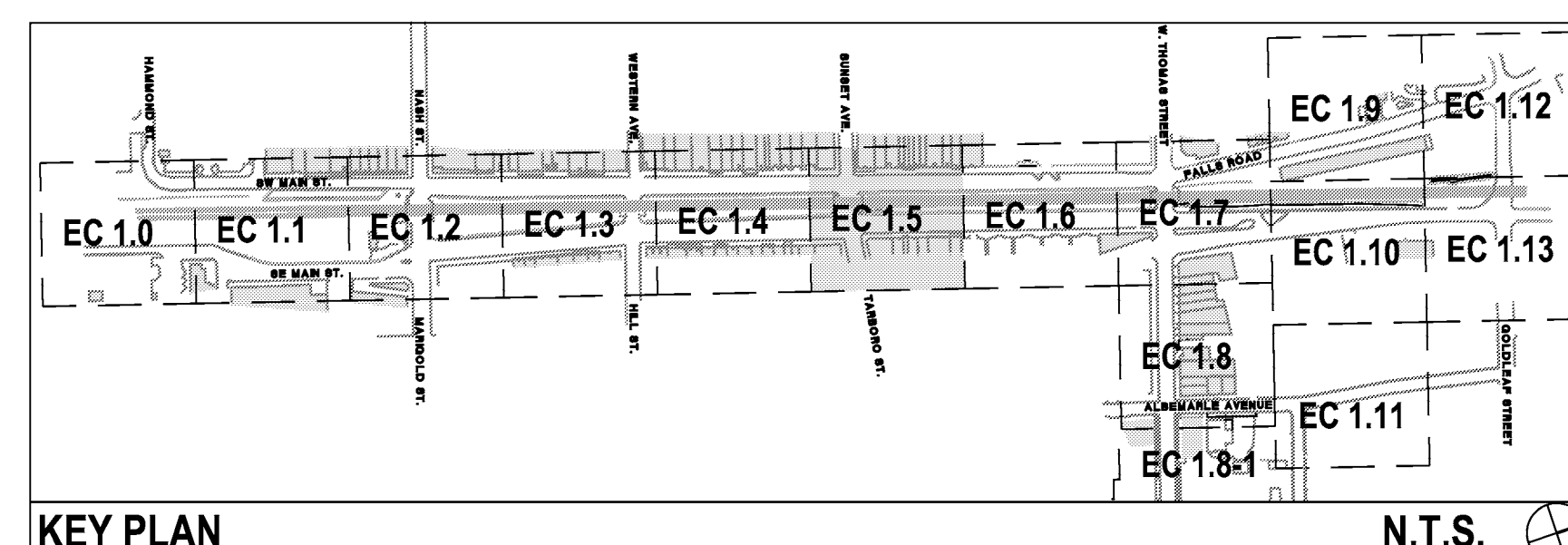
04.22.10

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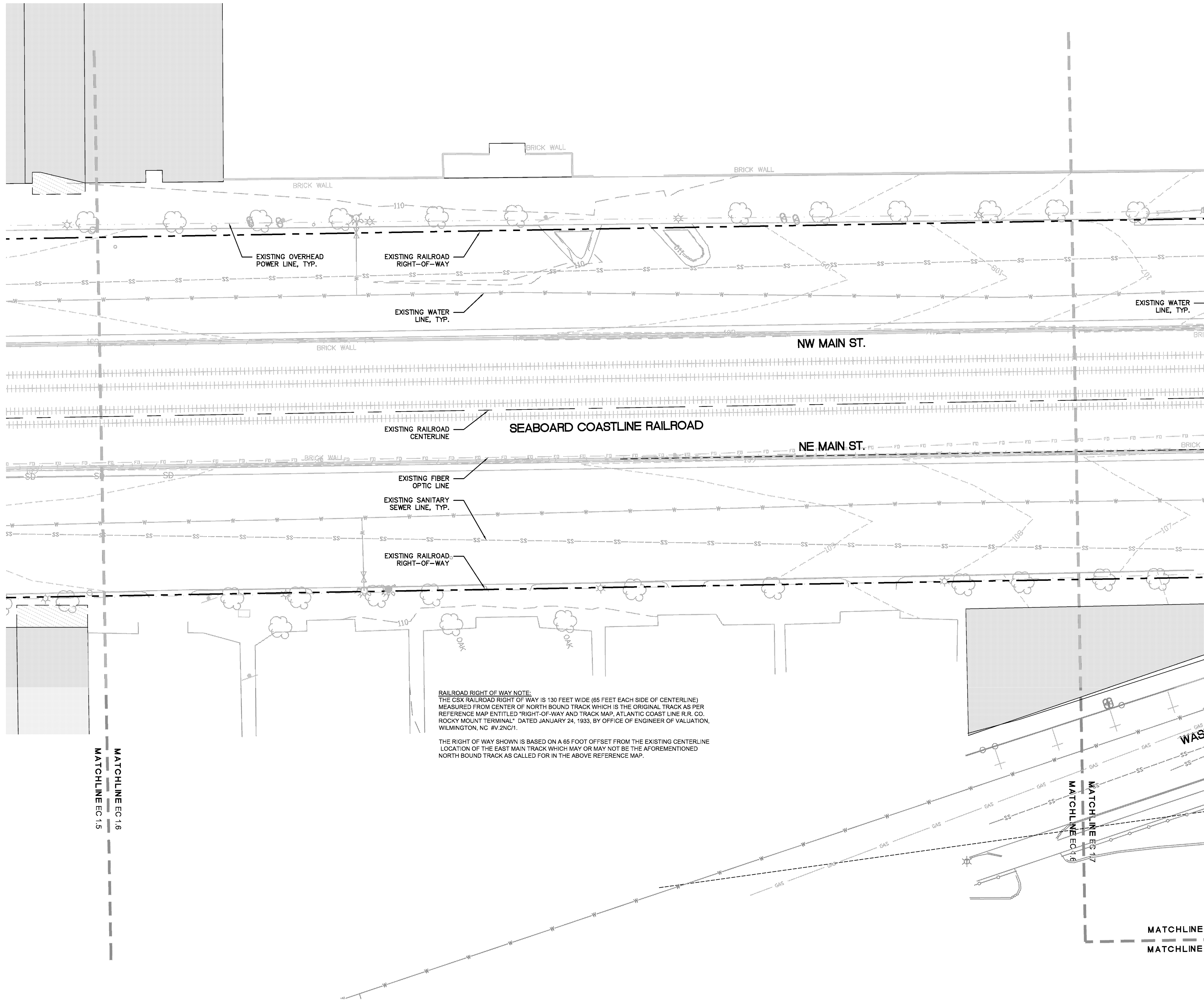
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EC 1.5

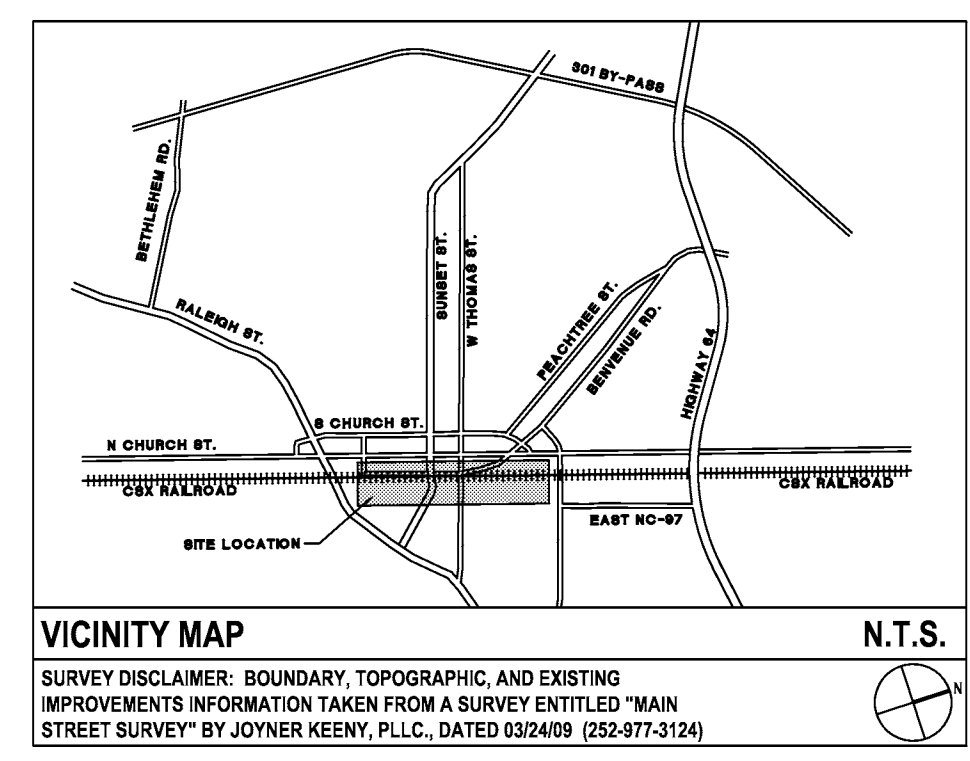
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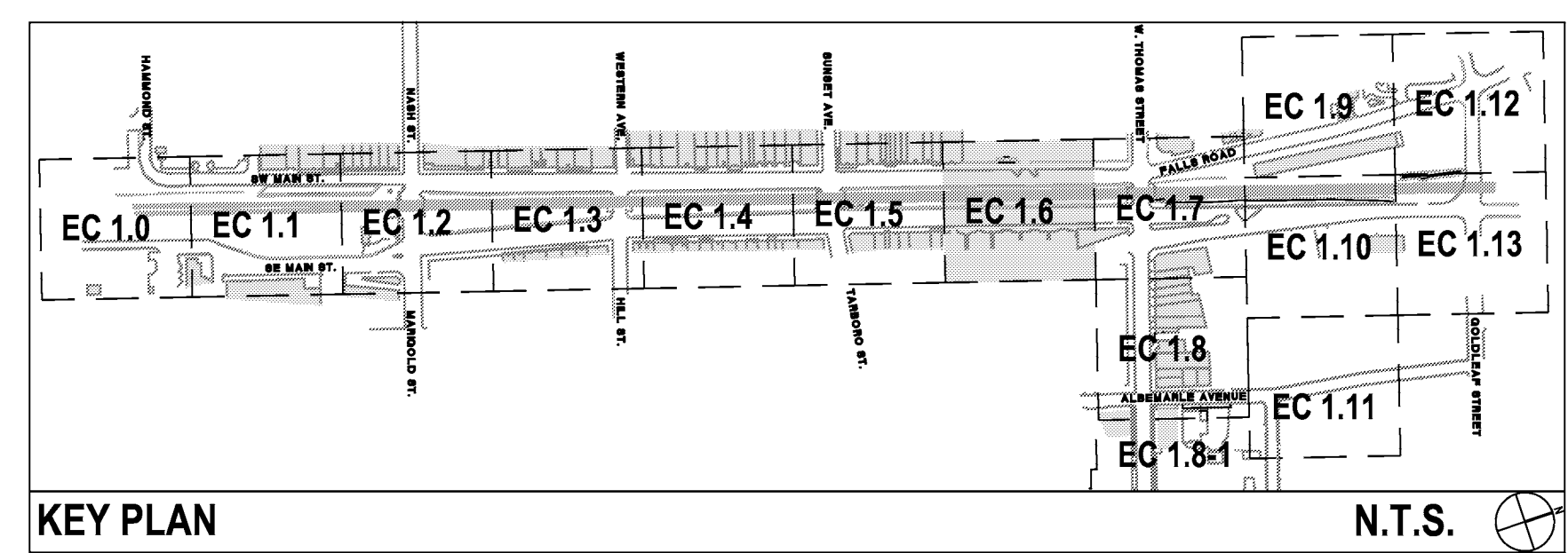
VICINITY MAP N.T.S.
 SURVEY DISCLAIMER: BOUNDARY, TOPOGRAPHIC, AND EXISTING IMPROVEMENTS INFORMATION TAKEN FROM A SURVEY ENTITLED "MAIN STREET SURVEY" BY JOYNER KEENE, PLLC, DATED 03/24/09 (252-977-3124)

LEGEND

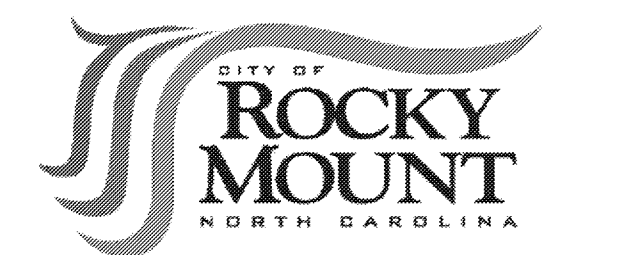
SYMBOL	DETAIL
[Symbol: Dashed line with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Dashed line with dots]	EXISTING SIGN -/-
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'SS']	EXISTING SANITARY SEWER MANHOLE -/-
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[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
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[Symbol: Square with 'GAS']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FD']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'OP']	EXISTING POWER POLE -/-
[Symbol: Square with 'OP']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star]	EXISTING LIGHT POLE -/-
[Symbol: Star with circle]	EXISTING LIGHT POLE W/ TRANSFORMER -/-
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KEY PLAN N.T.S.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

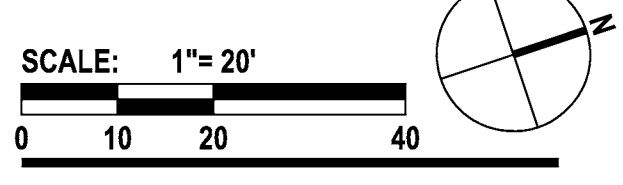
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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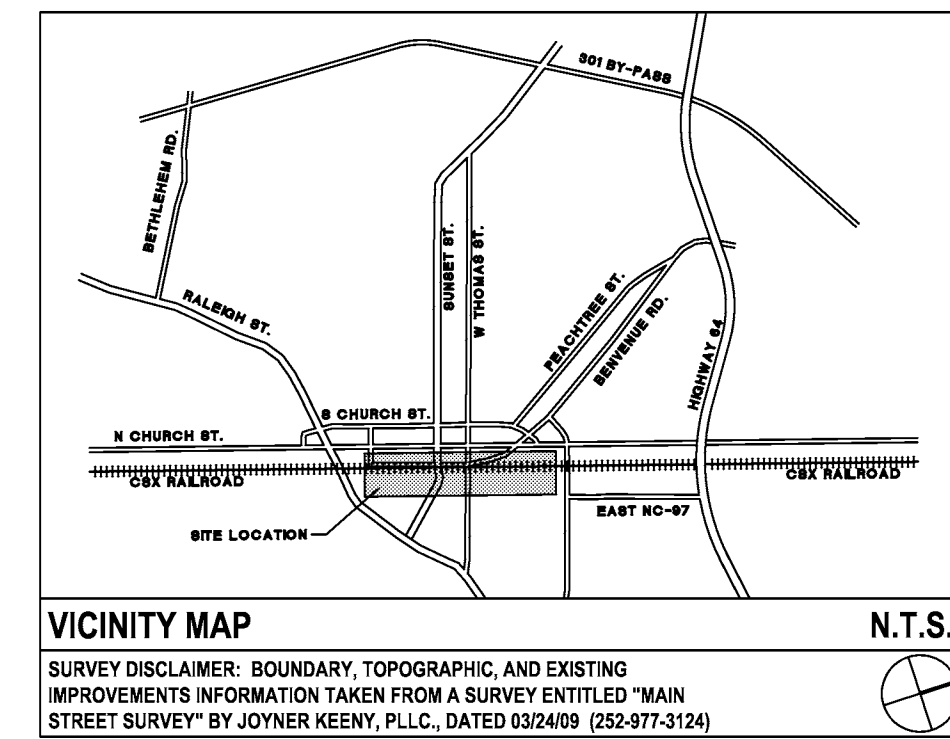
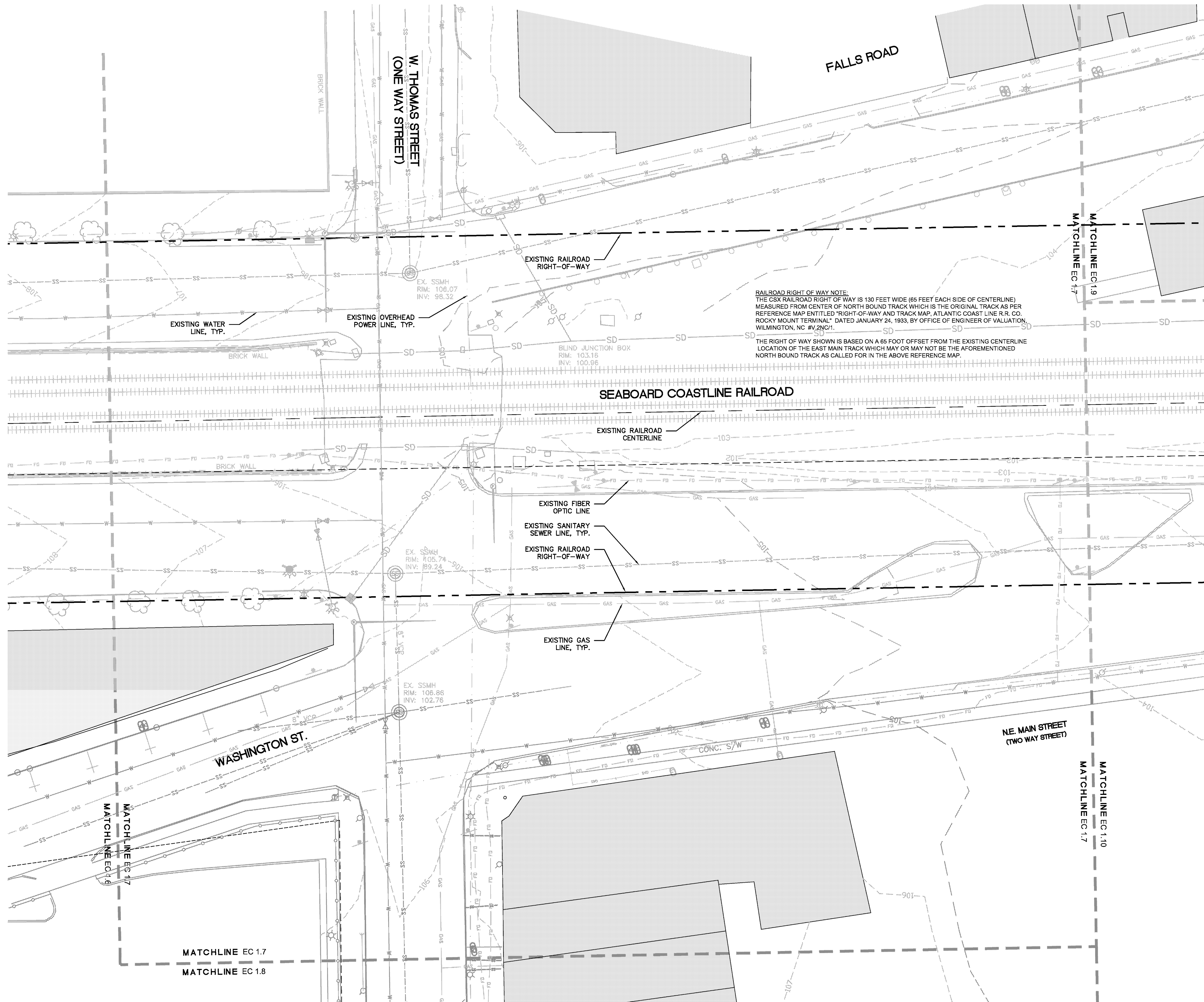


SCALE: 1"=20'

EC 1.6

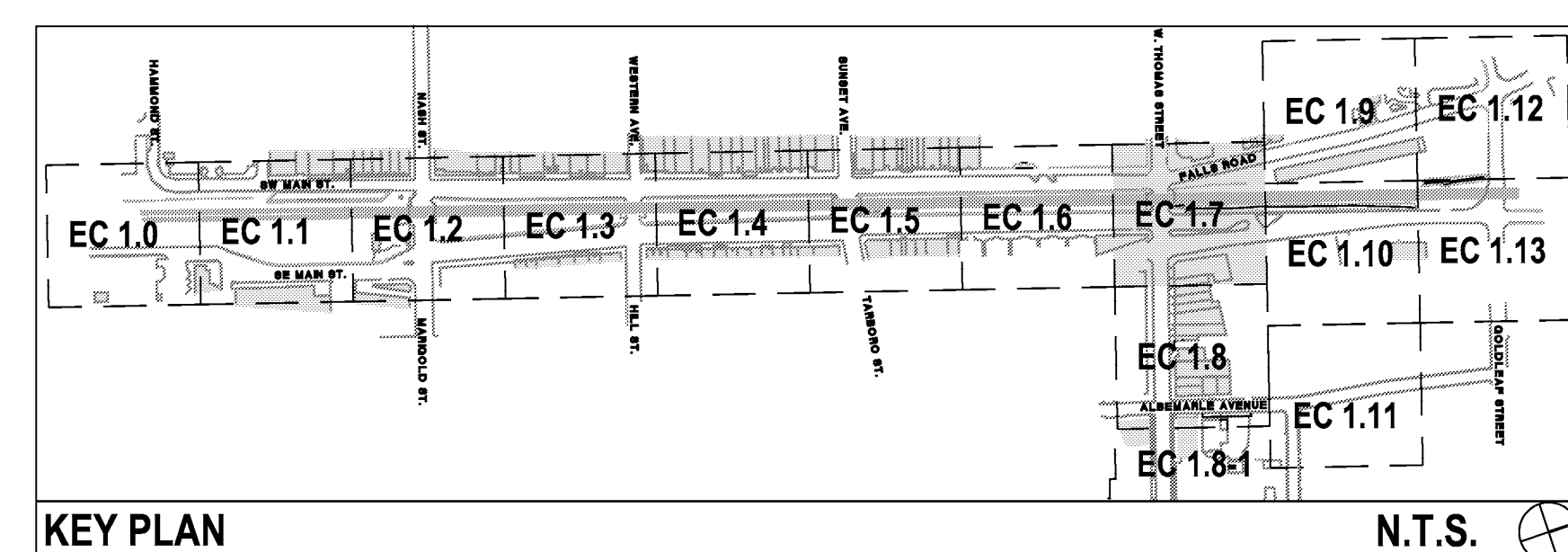
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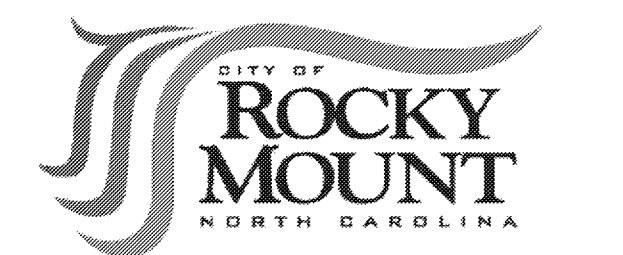


LEGEND

SYMBOL	DETAIL
[Symbol]	EXISTING RAIL LINE
[Symbol]	EXISTING SIGN
[Symbol]	EXISTING SANITARY SEWER LINE
[Symbol]	EXISTING SANITARY SEWER MANHOLE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING WATER METER
[Symbol]	EXISTING WATER VALVE
[Symbol]	EXISTING STORM LINE
[Symbol]	EXISTING STORM SEWER MANHOLE
[Symbol]	EXISTING STORM SEWER CATCH BASIN
[Symbol]	EXISTING GAS LINE
[Symbol]	EXISTING FIBER OPTIC LINE
[Symbol]	EXISTING OVERHEAD POWER
[Symbol]	EXISTING POWER POLE
[Symbol]	EXISTING POWER POLE W/ TRANSFORMER
[Symbol]	EXISTING LIGHT POLE
[Symbol]	EXISTING LIGHT POLE W/ TRANSFORMER
[Symbol]	EXISTING FENCE



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

NO.	COMMENTS
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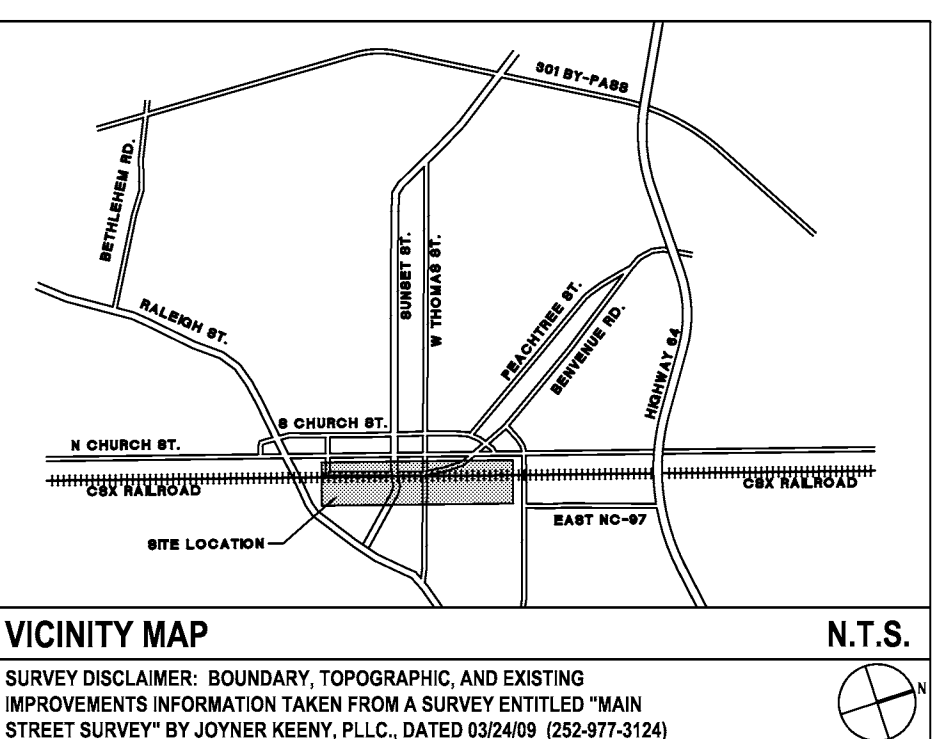
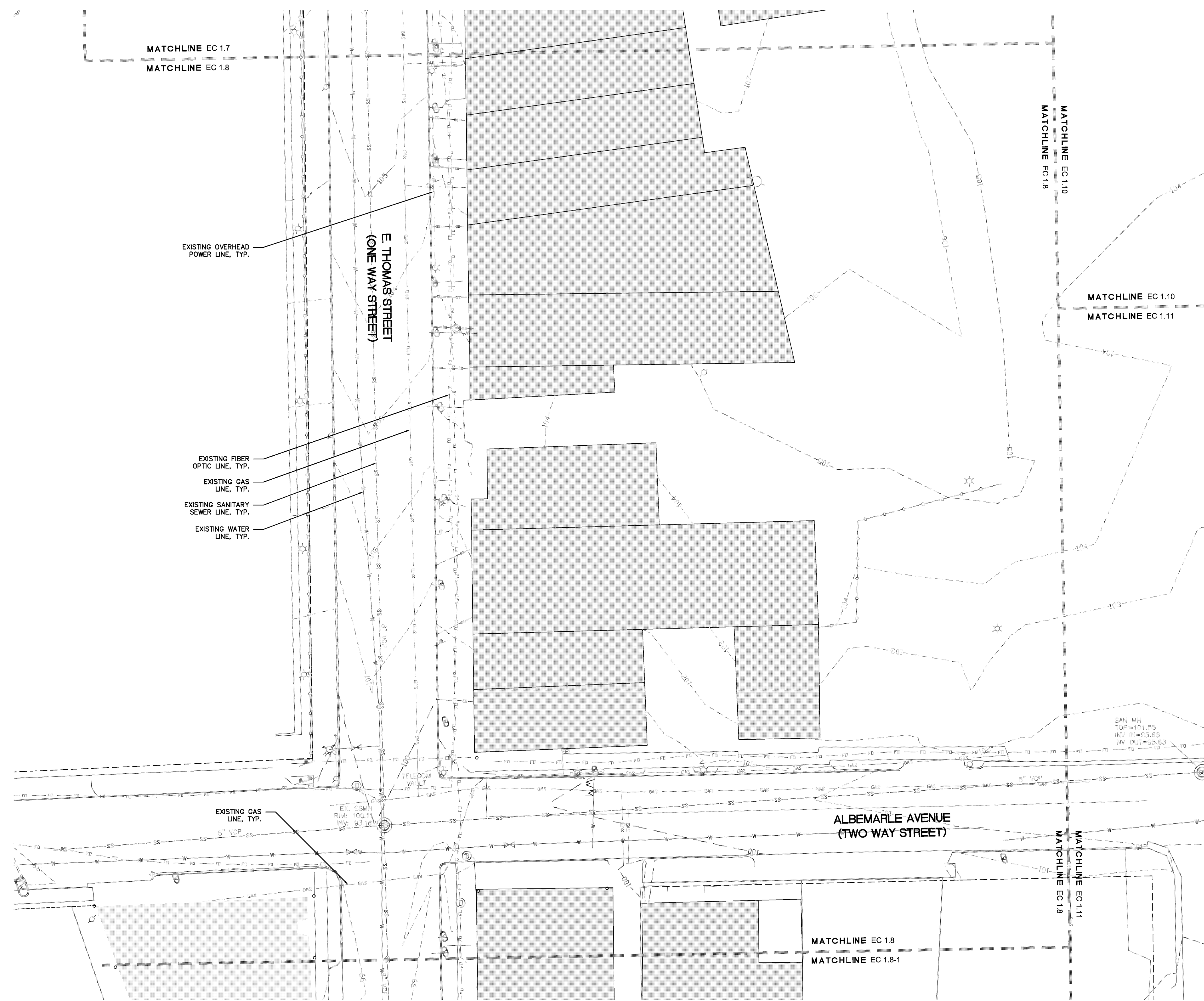


SCALE: 1"=20'

EC 1.7

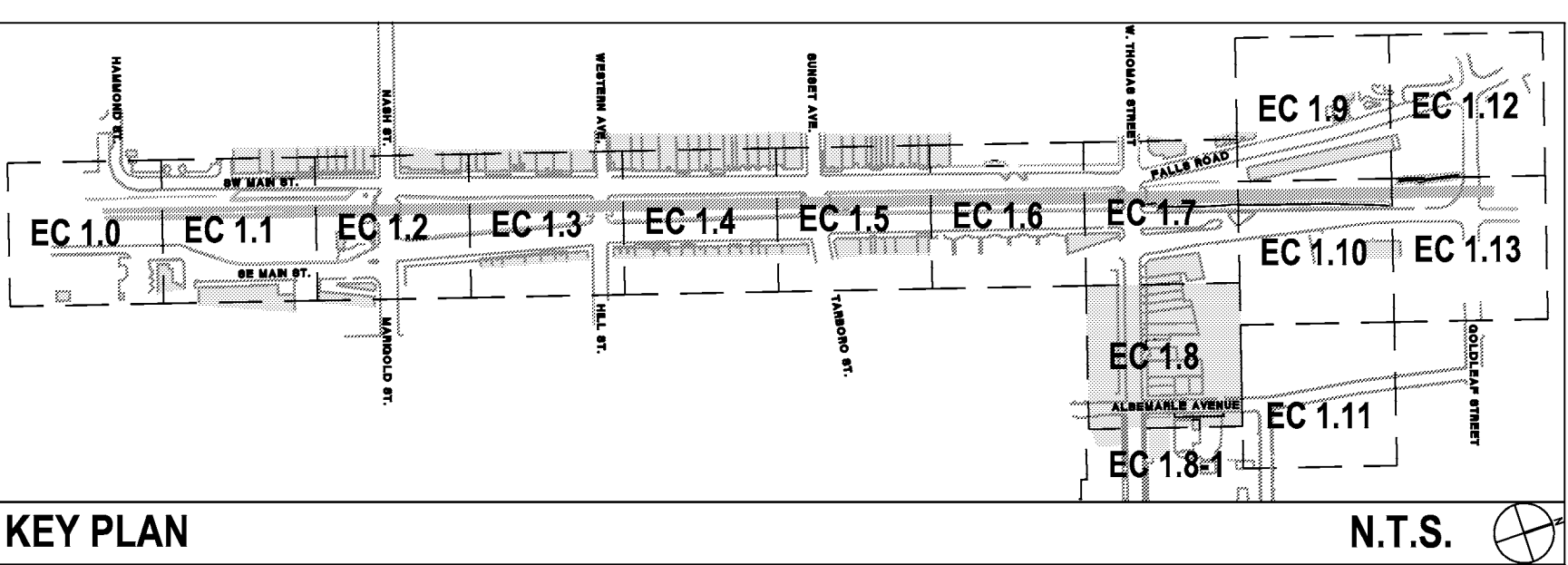
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LEGEND

SYMBOL	DETAIL
	EXISTING RAIL LINE --/--
	EXISTING SIGN --/--
	EXISTING SANITARY SEWER LINE --/--
	EXISTING SANITARY SEWER MANHOLE --/--
	EXISTING WATER LINE --/--
	EXISTING WATER METER --/--
	EXISTING WATER VALVE --/--
	EXISTING STORM LINE --/--
	EXISTING STORM SEWER MANHOLE --/--
	EXISTING STORM SEWER CATCH BASIN --/--
	EXISTING GAS LINE --/--
	EXISTING FIBER OPTIC LINE --/--
	EXISTING OVERHEAD POWER --/--
	EXISTING POWER POLE --/--
	EXISTING POWER POLE W/ TRANSFORMER --/--
	EXISTING LIGHT POLE --/--
	EXISTING LIGHT POLE W/ TRANSFORMER --/--
	EXISTING FENCE --/--



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Harris & Associates, Inc.
Construction Consultants

irrigation Consulting, Inc.

MORTAR&INK
Graphic Design for the Built World

elm
Environmental Management

JOYNER, KEENE & ASSOCIATES
SURVEYING & ENGINEERING

HNTB

COLEJENEST & STONE
CORPORATION
SCALE C-1381 C-103

DESIGNED BY: JOYNER, KEENE & ASSOCIATES
DRAWN BY: [Name]
CHECKED BY: [Name]
DATE: [Date]



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**EXISTING
CONDITIONS
PLAN**

PROJECT NUMBER:

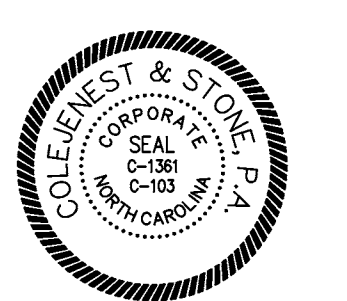
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ISSUED:

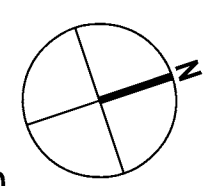
04.22.10

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REVISED: #	COMMENTS:
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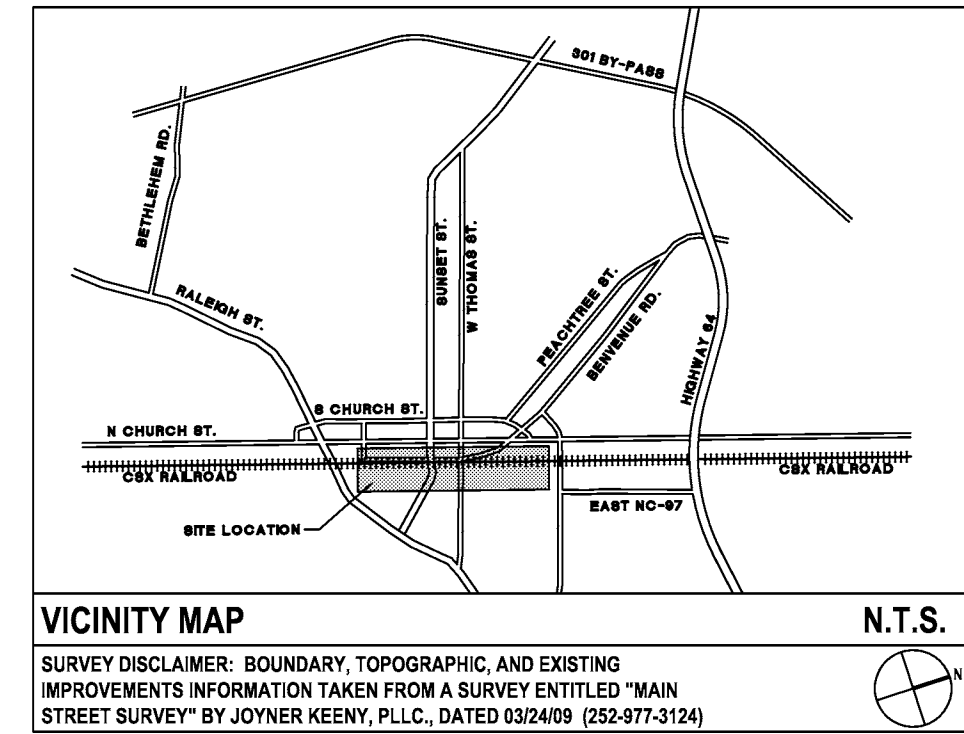
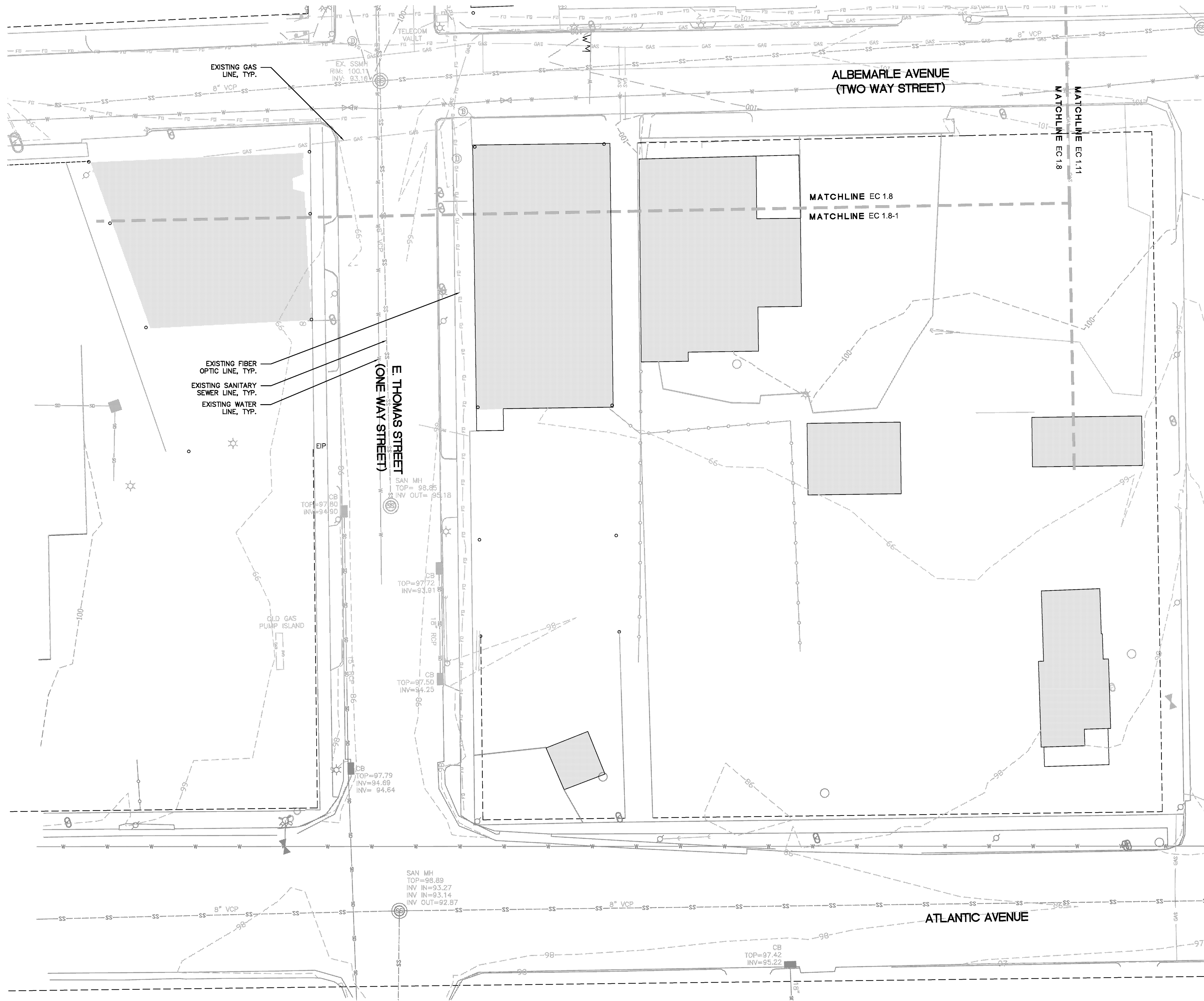
SCALE: 1"= 20'



EC 1.8

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LEGEND

SYMBOL	DETAIL
[Symbol: Dashed line with cross-ticks]	EXISTING RAIL LINE --/
[Symbol: Square with 'S']	EXISTING SIGN --/
[Symbol: Dashed line]	EXISTING SANITARY SEWER LINE --/
[Symbol: Circle with 'S']	EXISTING SANITARY SEWER MANHOLE --/
[Symbol: Dashed line with 'W']	EXISTING WATER LINE --/
[Symbol: Circle with 'W']	EXISTING WATER METER --/
[Symbol: Triangle with 'V']	EXISTING WATER VALVE --/
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE --/
[Symbol: Circle with 'S']	EXISTING STORM SEWER MANHOLE --/
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN --/
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE --/
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE --/
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER --/
[Symbol: Circle with 'P']	EXISTING POWER POLE --/
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER --/
[Symbol: Star]	EXISTING LIGHT POLE --/
[Symbol: Star with 'P']	EXISTING LIGHT POLE W/ TRANSFORMER --/
[Symbol: Dashed line with 'F']	EXISTING FENCE --/



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

50219

ISSUED:

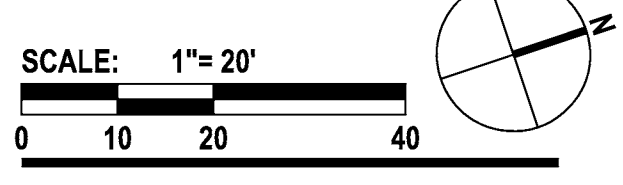
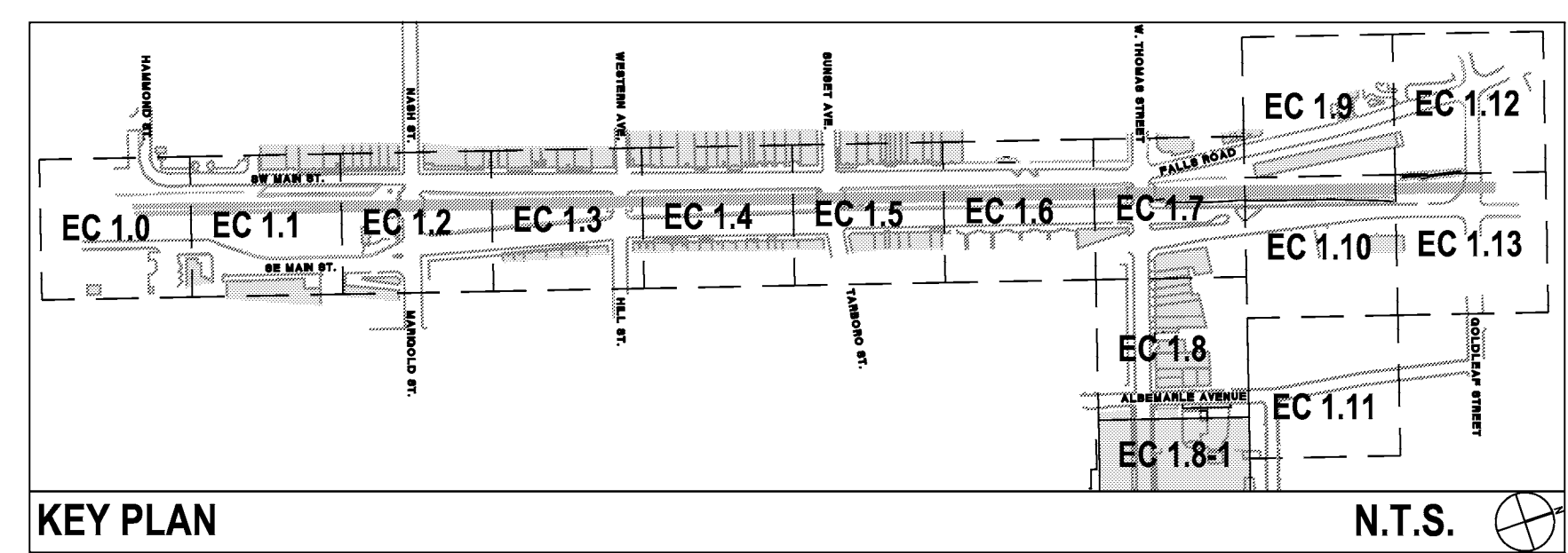
04.22.10

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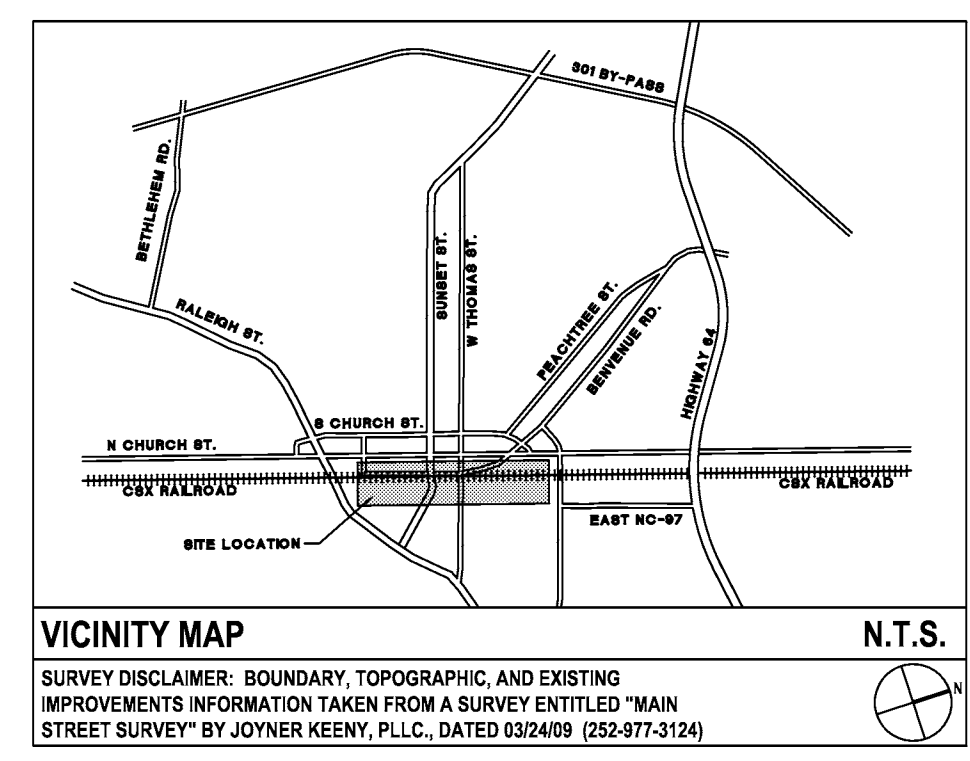
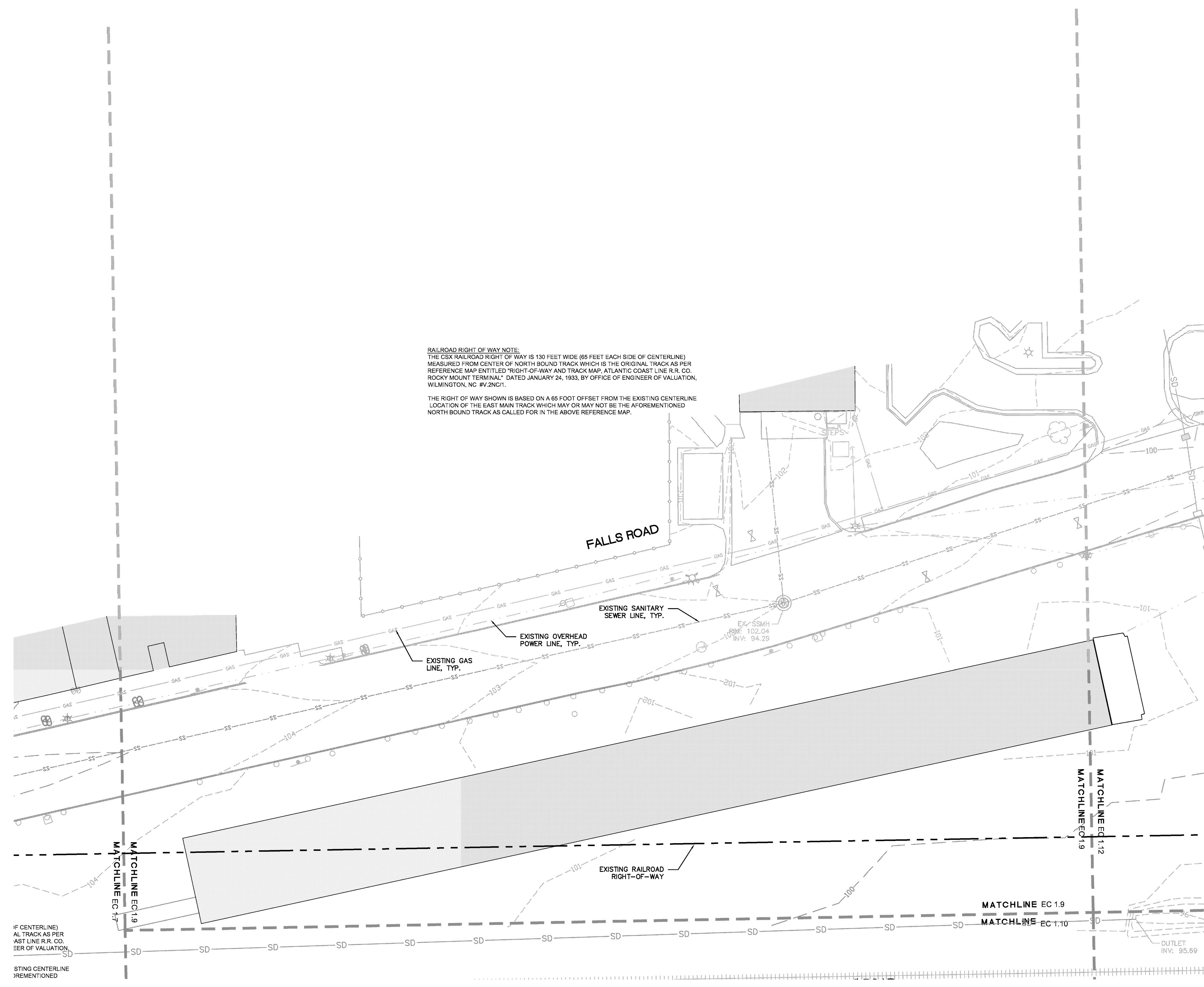
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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EC 1.8-1

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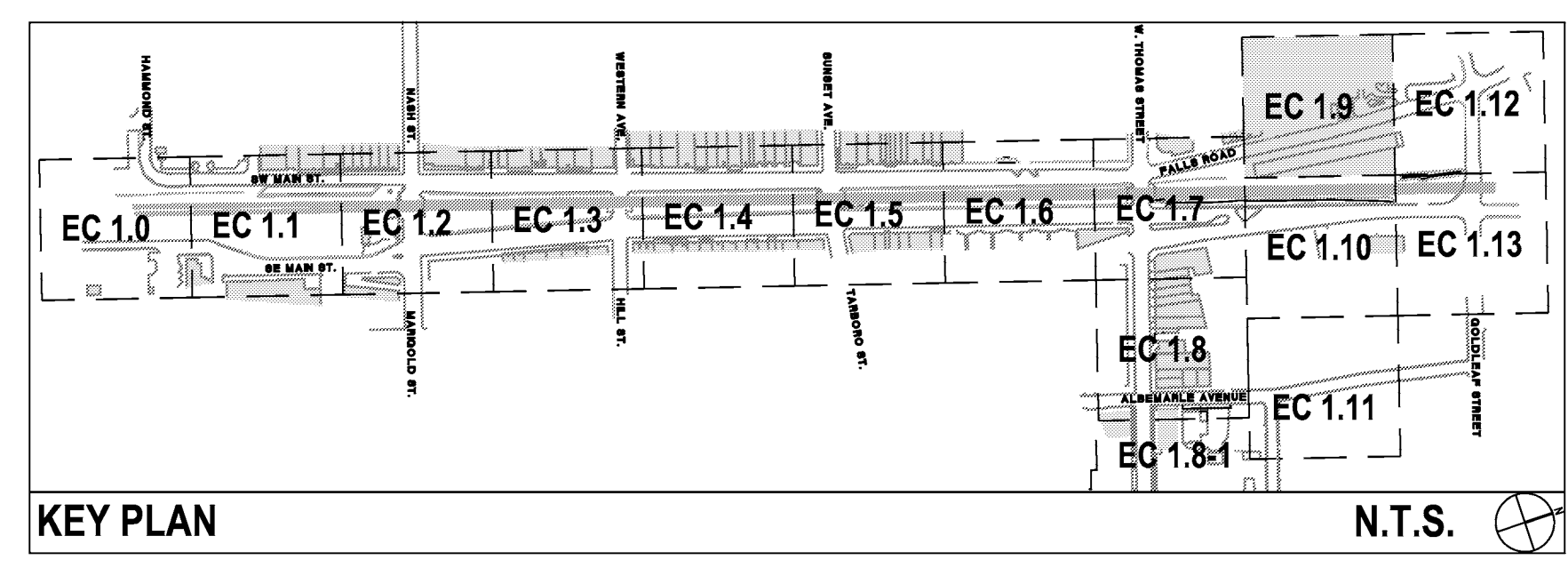


LEGEND

SYMBOL	DETAIL
[Symbol: Parallel lines with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Small square]	EXISTING SIGN -/-
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'SSM']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'W']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'SSM']	EXISTING STORM SEWER MANHOLE -/-
[Symbol: Square with 'SSM']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'P']	EXISTING POWER POLE -/-
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star]	EXISTING LIGHT POLE -/-
[Symbol: Star with 'P']	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol: Dashed line with 'F']	EXISTING FENCE -/-



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

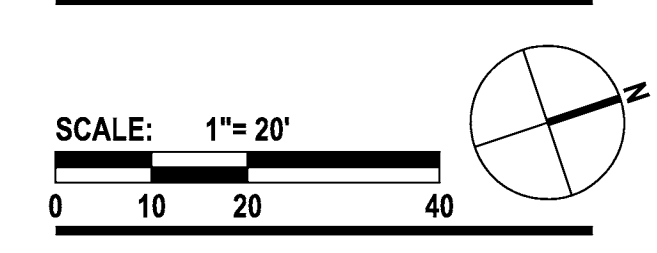
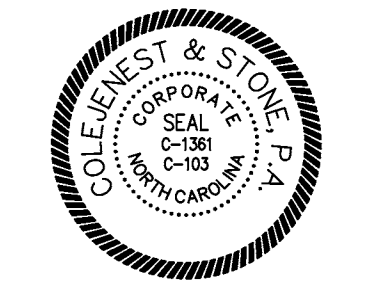
EXISTING CONDITIONS PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

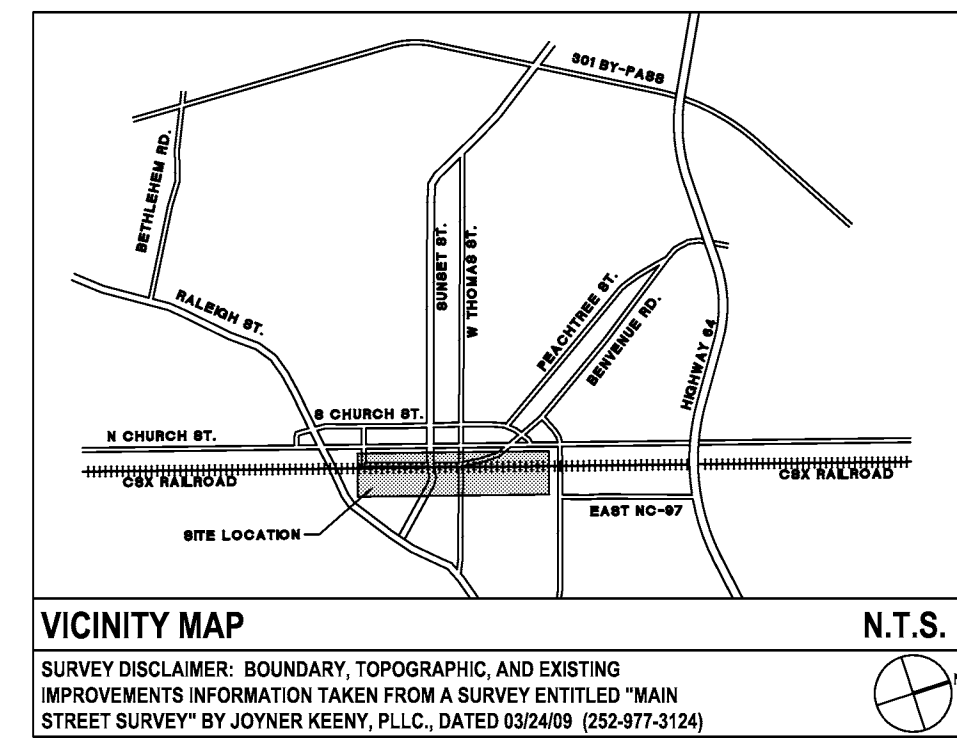
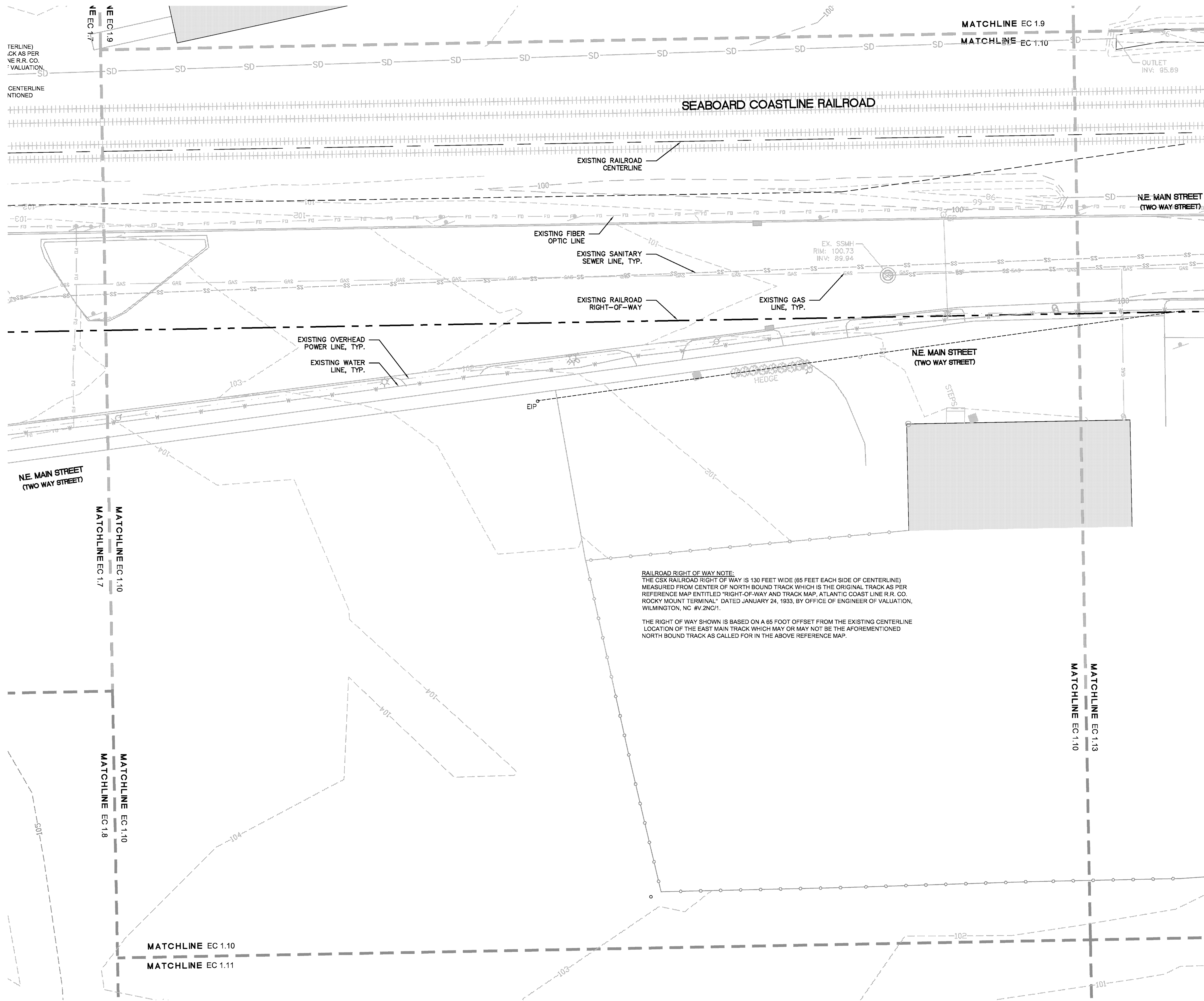
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EC 1.9

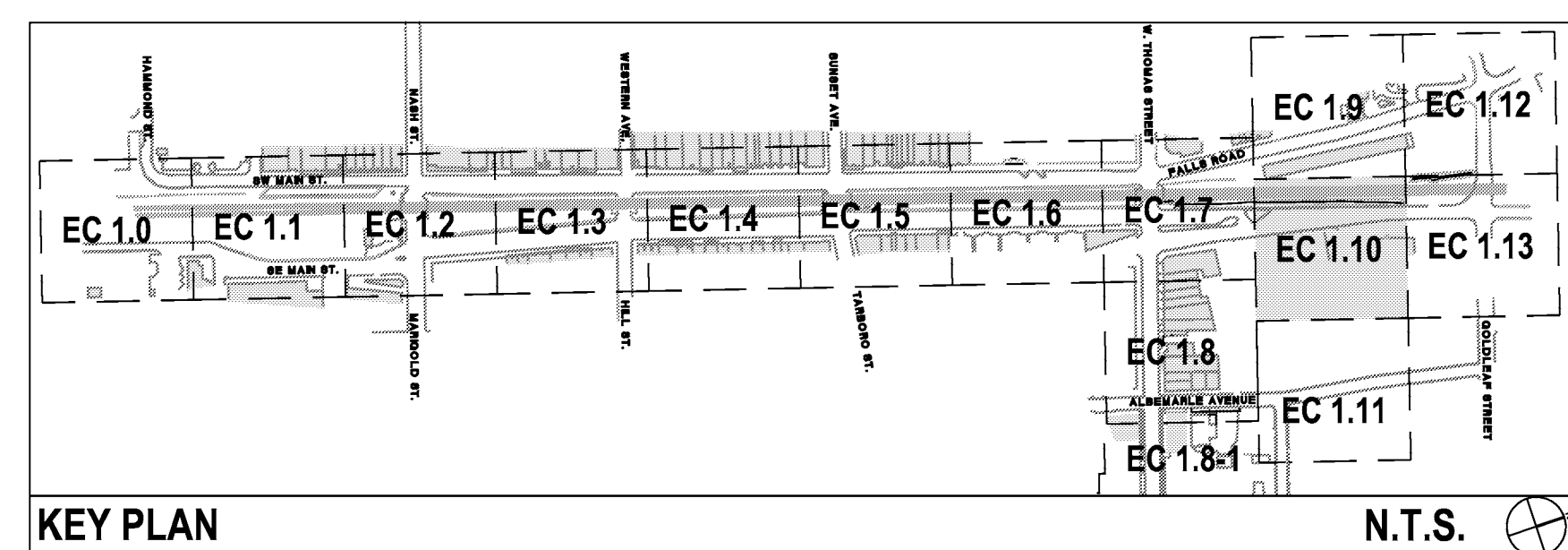
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ColeJenest & Stone, P.A. 2008 ©

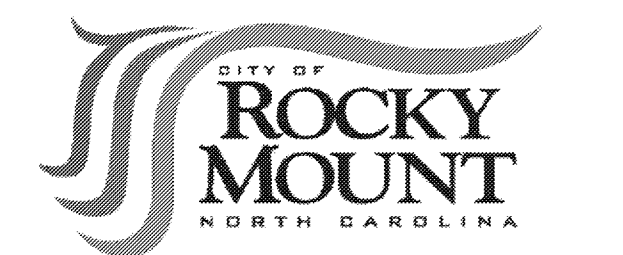


LEGEND

SYMBOL	DETAIL
[Symbol: Dashed line with cross-ticks]	EXISTING RAIL LINE
[Symbol: Square with 'S']	EXISTING SIGN
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE
[Symbol: Circle with 'SMH']	EXISTING SANITARY SEWER MANHOLE
[Symbol: Dashed line with 'W']	EXISTING WATER LINE
[Symbol: Circle with 'M']	EXISTING WATER METER
[Symbol: Triangle with 'V']	EXISTING WATER VALVE
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE
[Symbol: Circle with 'SSM']	EXISTING STORM SEWER MANHOLE
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER
[Symbol: Circle with 'P']	EXISTING POWER POLE
[Symbol: Square with 'P/T']	EXISTING POWER POLE W/ TRANSFORMER
[Symbol: Star with 'L']	EXISTING LIGHT POLE
[Symbol: Star with 'L/T']	EXISTING LIGHT POLE W/ TRANSFORMER
[Symbol: Dashed line with 'F']	EXISTING FENCE



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

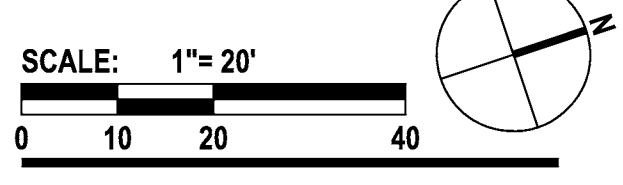
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ISSUED:

04.22.10

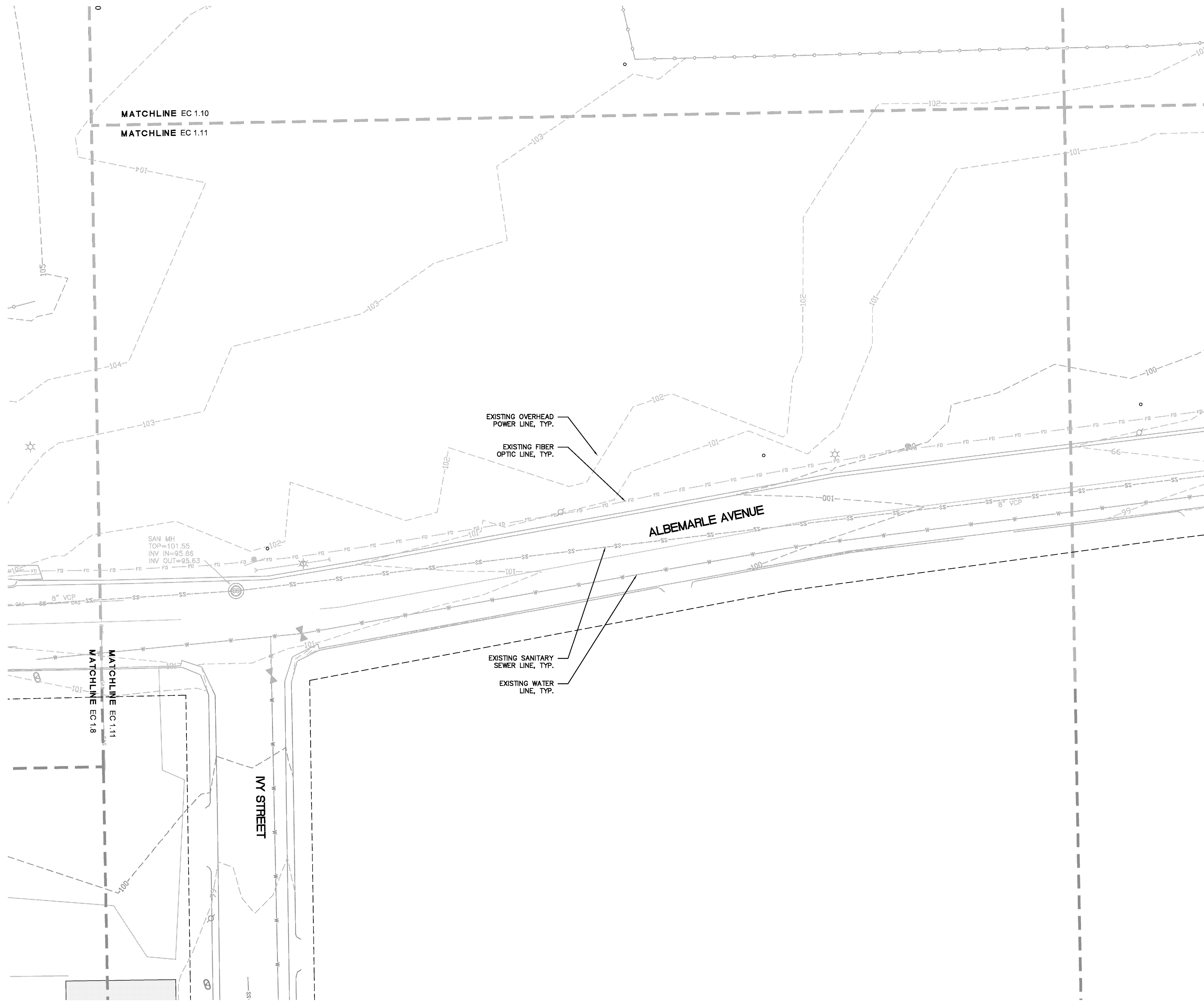
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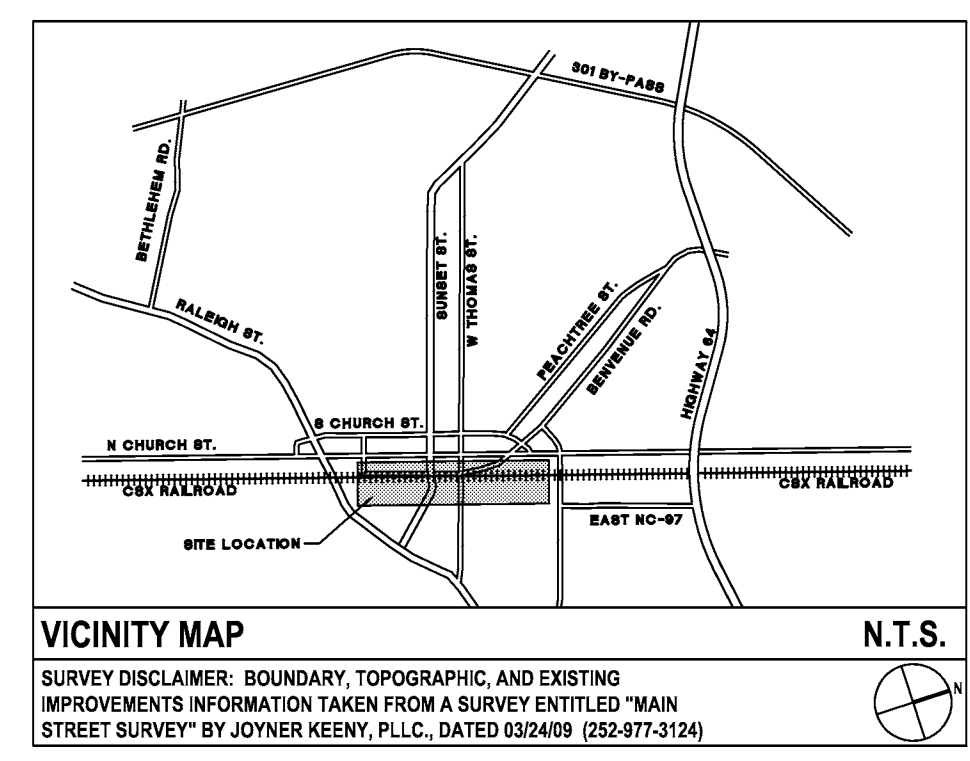


EC 1.10

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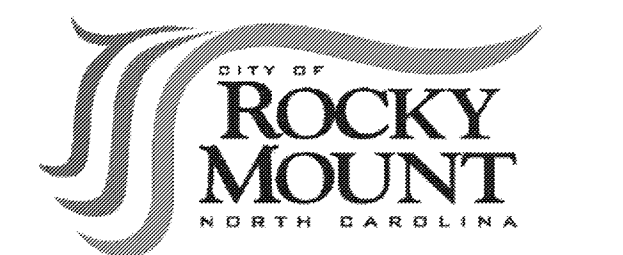
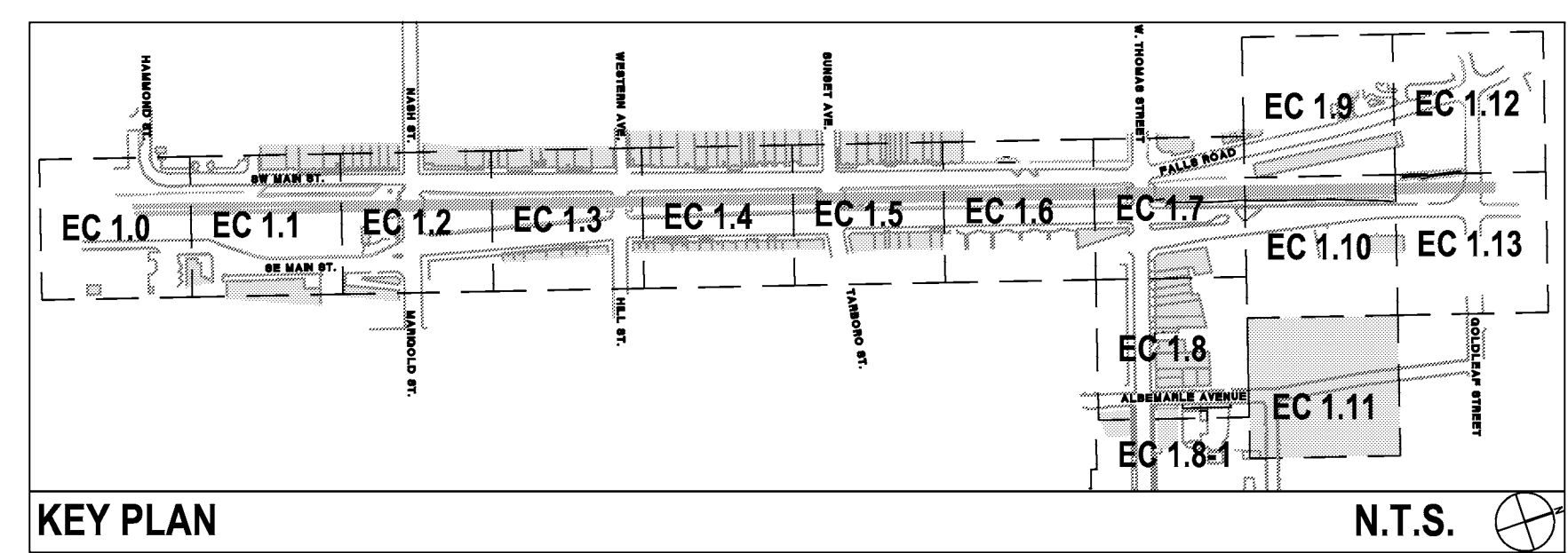


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LEGEND

SYMBOL	DETAIL
[Symbol]	EXISTING RAIL LINE -/-
[Symbol]	EXISTING SIGN -/-
[Symbol]	EXISTING SANITARY SEWER LINE -/-
[Symbol]	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol]	EXISTING WATER LINE -/-
[Symbol]	EXISTING WATER METER -/-
[Symbol]	EXISTING WATER VALVE -/-
[Symbol]	EXISTING STORM LINE -/-
[Symbol]	EXISTING STORM SEWER MANHOLE -/-
[Symbol]	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol]	EXISTING GAS LINE -/-
[Symbol]	EXISTING FIBER OPTIC LINE -/-
[Symbol]	EXISTING OVERHEAD POWER -/-
[Symbol]	EXISTING POWER POLE -/-
[Symbol]	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol]	EXISTING LIGHT POLE -/-
[Symbol]	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol]	EXISTING FENCE -/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

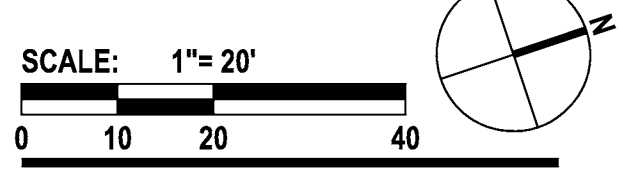
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ISSUED:

04.22.10

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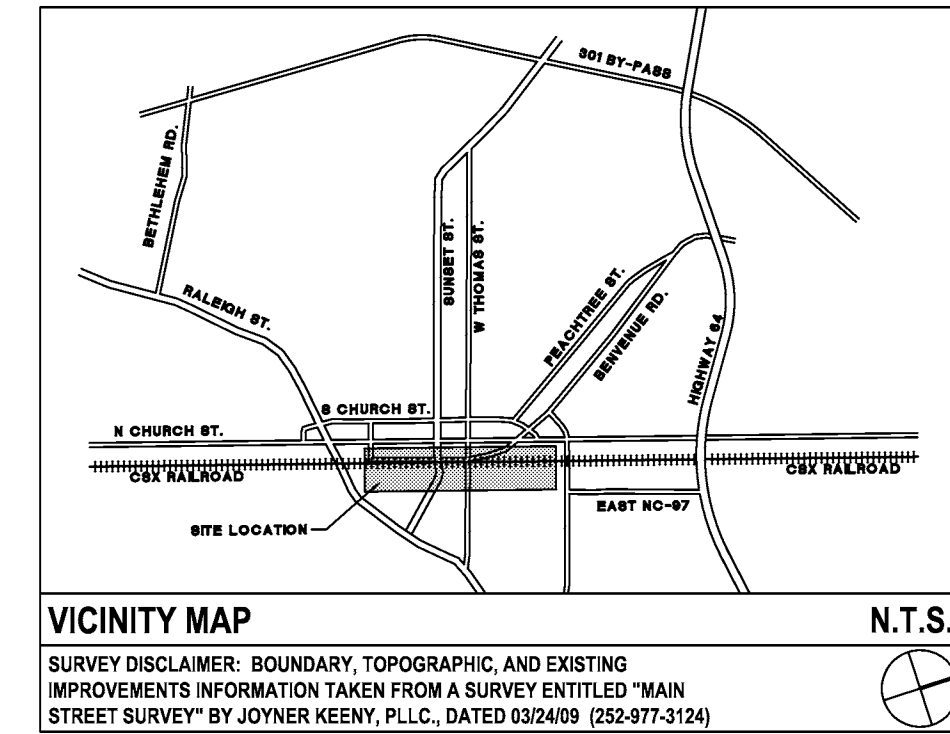
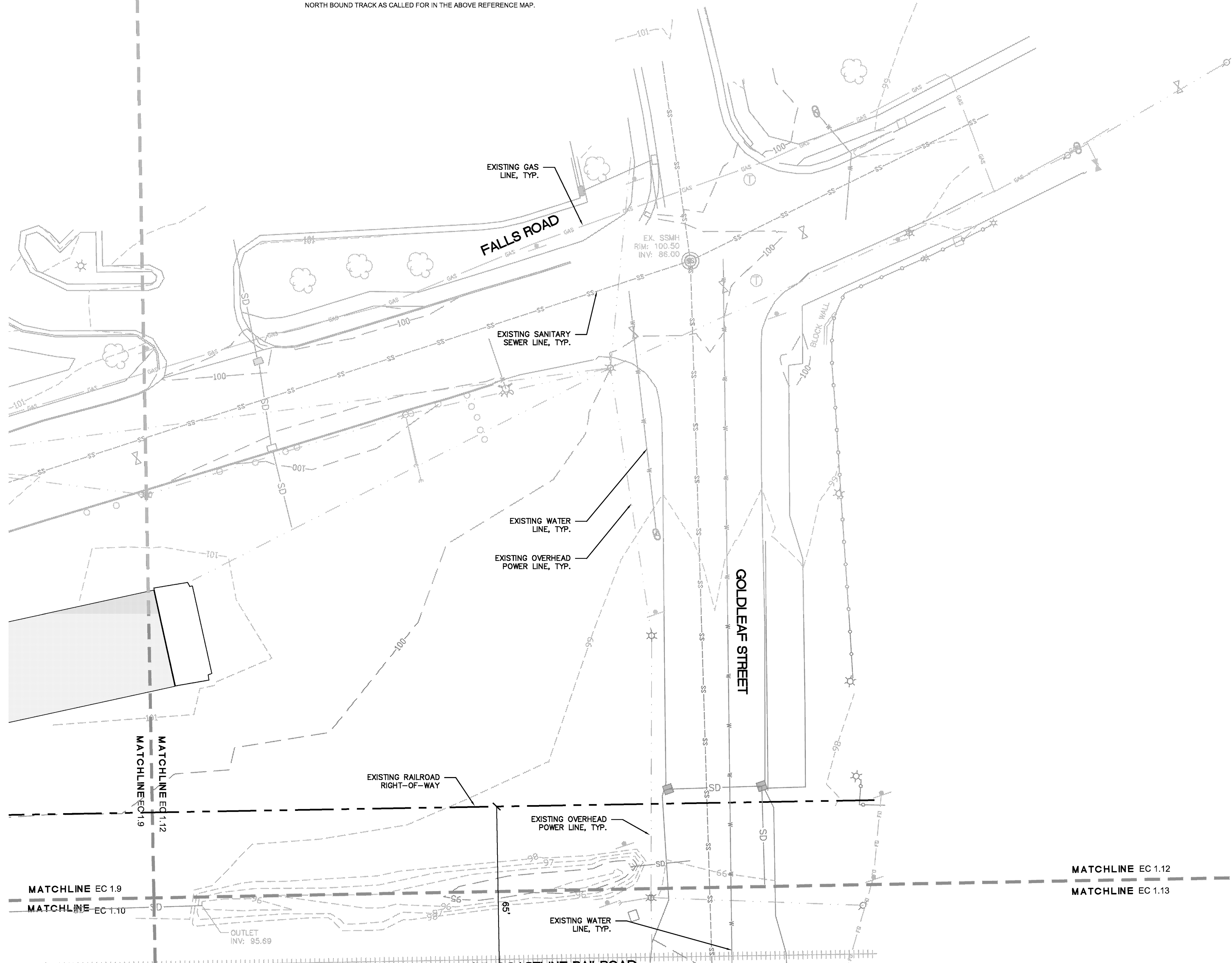
EC 1.11

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RAILROAD RIGHT-OF-WAY NOTE:
 THE CSX RAILROAD RIGHT-OF-WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2N01.

THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND

SYMBOL	DETAIL
[Symbol]	EXISTING RAIL LINE
[Symbol]	EXISTING SIGN
[Symbol]	EXISTING SANITARY SEWER LINE
[Symbol]	EXISTING SANITARY SEWER MANHOLE
[Symbol]	EXISTING WATER LINE
[Symbol]	EXISTING WATER METER
[Symbol]	EXISTING WATER VALVE
[Symbol]	EXISTING STORM LINE
[Symbol]	EXISTING STORM SEWER MANHOLE
[Symbol]	EXISTING STORM SEWER CATCH BASIN
[Symbol]	EXISTING GAS LINE
[Symbol]	EXISTING FIBER OPTIC LINE
[Symbol]	EXISTING OVERHEAD POWER
[Symbol]	EXISTING POWER POLE
[Symbol]	EXISTING POWER POLE W/ TRANSFORMER
[Symbol]	EXISTING LIGHT POLE
[Symbol]	EXISTING LIGHT POLE W/ TRANSFORMER
[Symbol]	EXISTING FENCE



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EXISTING CONDITIONS PLAN

PROJECT NUMBER:

50219

ISSUED:

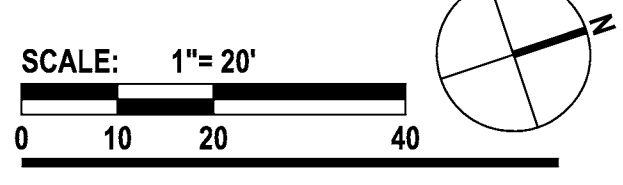
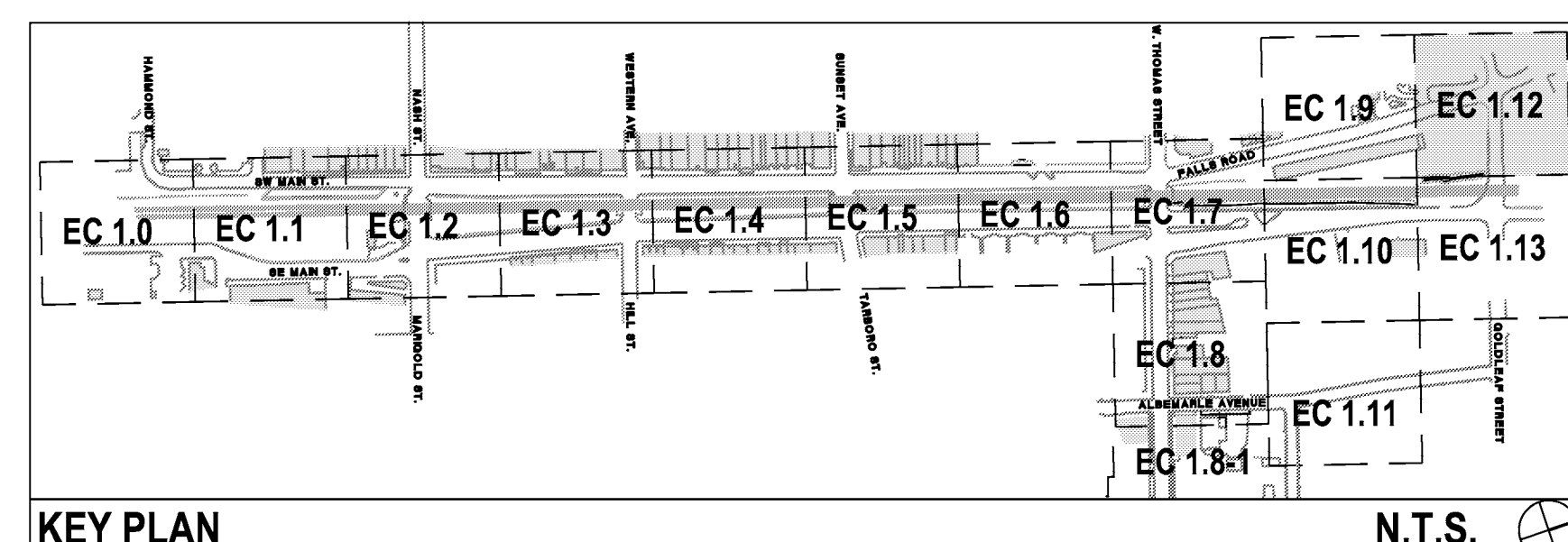
04.22.10

REVISED: # COMMENTS:

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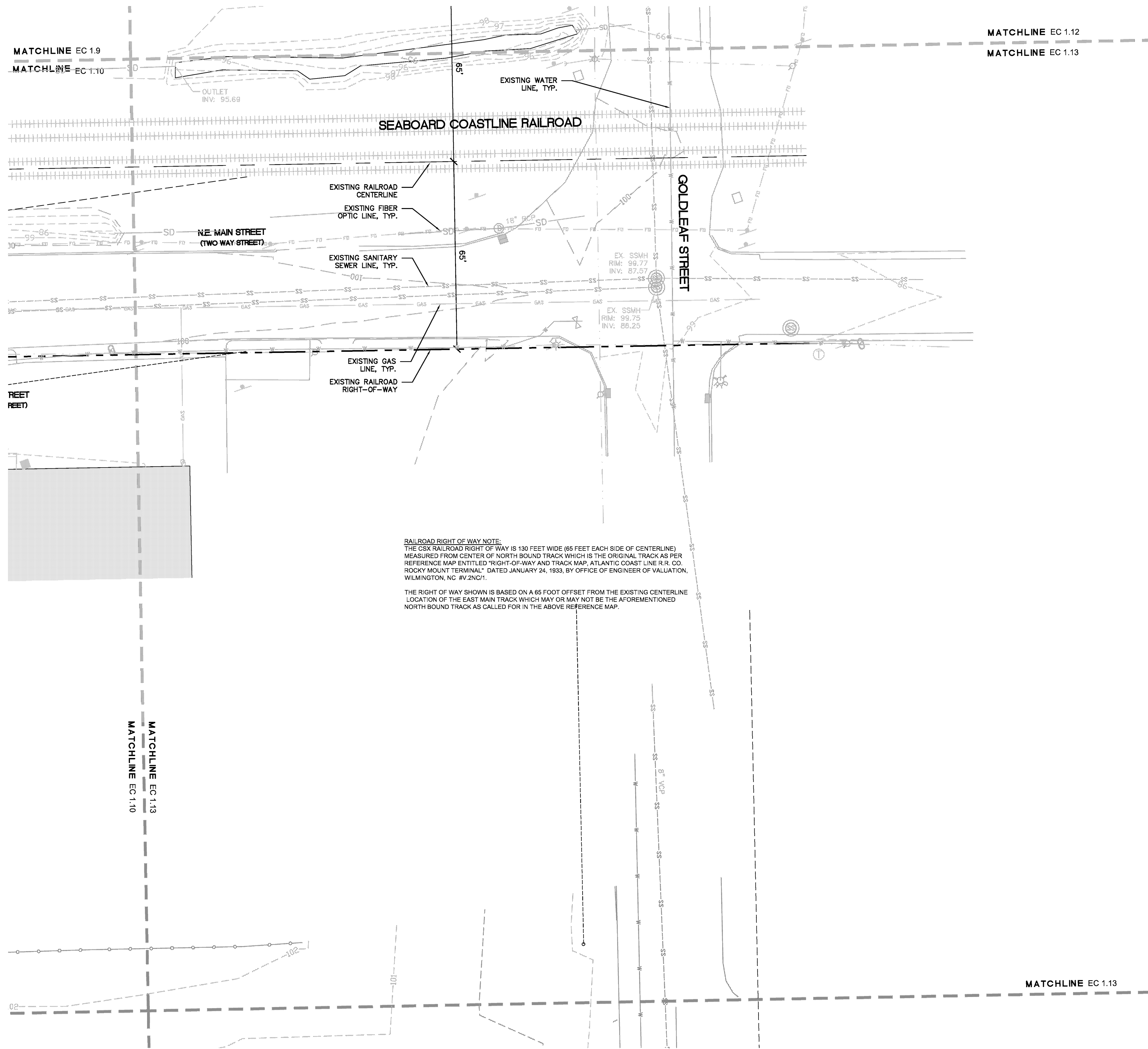


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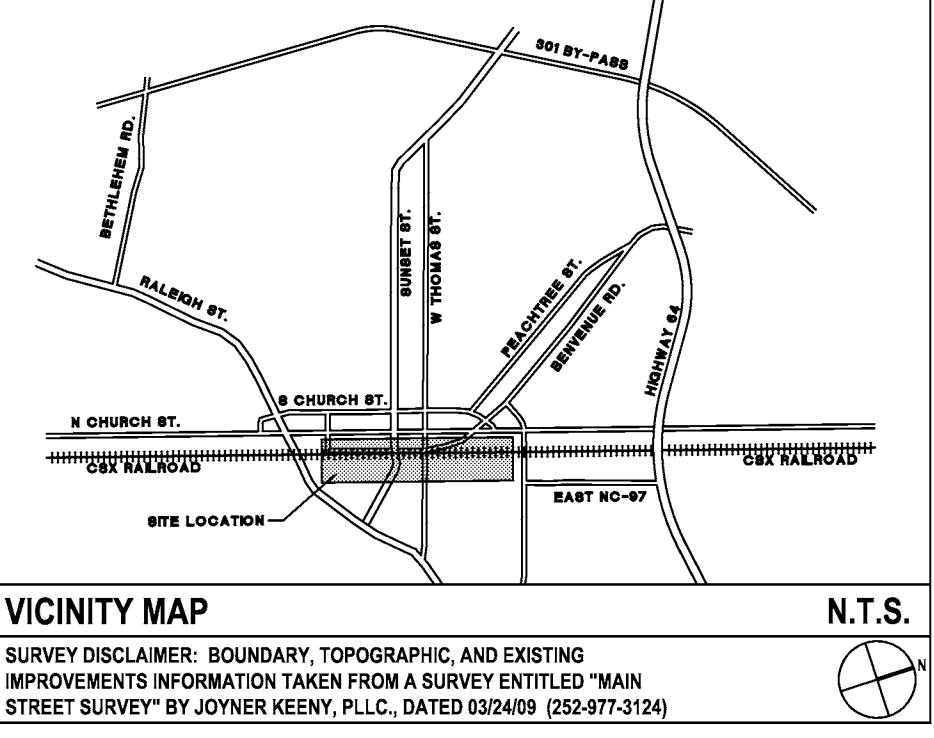


EC 1.12

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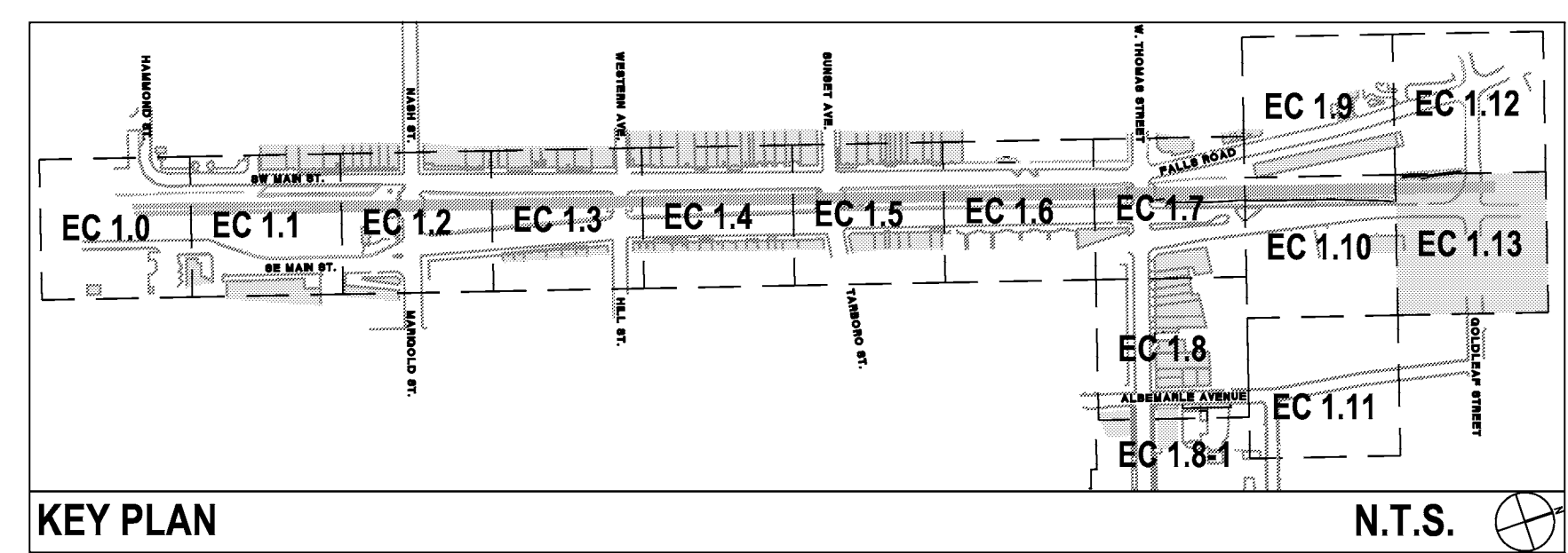


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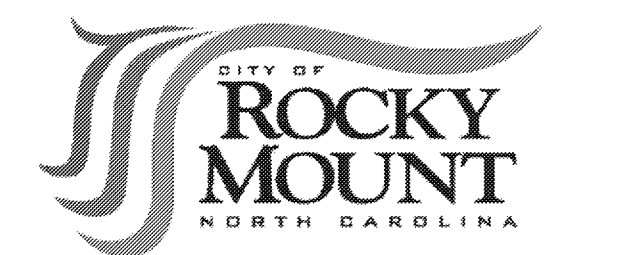


LEGEND

SYMBOL	DETAIL
[Symbol: Dashed line with cross-ticks]	EXISTING RAIL LINE -/-
[Symbol: Square with 'S']	EXISTING SIGN -/-
[Symbol: Dashed line with 'SS']	EXISTING SANITARY SEWER LINE -/-
[Symbol: Circle with 'SSM']	EXISTING SANITARY SEWER MANHOLE -/-
[Symbol: Dashed line with 'W']	EXISTING WATER LINE -/-
[Symbol: Circle with 'W']	EXISTING WATER METER -/-
[Symbol: Triangle with 'W']	EXISTING WATER VALVE -/-
[Symbol: Dashed line with 'SD']	EXISTING STORM LINE -/-
[Symbol: Circle with 'SSM']	EXISTING STORM SEWER MANHOLE -/-
[Symbol: Square with 'S']	EXISTING STORM SEWER CATCH BASIN -/-
[Symbol: Dashed line with 'GAS']	EXISTING GAS LINE -/-
[Symbol: Dashed line with 'FO']	EXISTING FIBER OPTIC LINE -/-
[Symbol: Dashed line with 'OP']	EXISTING OVERHEAD POWER -/-
[Symbol: Circle with 'P']	EXISTING POWER POLE -/-
[Symbol: Square with 'P']	EXISTING POWER POLE W/ TRANSFORMER -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE -/-
[Symbol: Star with 'L']	EXISTING LIGHT POLE W/ TRANSFORMER -/-
[Symbol: Dashed line with 'F']	EXISTING FENCE -/-



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

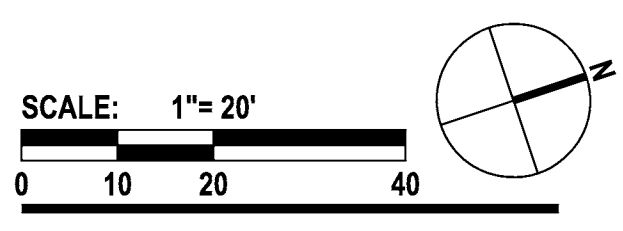
EXISTING CONDITIONS PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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EC 1.13

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PROJECT NOTES

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER.

LANE CLOSURE TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS	MON. - FRI. 7:00 AM TO 9:00 AM 4:00 PM TO 6:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME

ALL ROADS

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR ANY SPECIAL EVENT OCCURRING BETWEEN 3 HOURS BEFORE THE START AND 3 HOURS AFTER THE END OF THE SPECIAL EVENT, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 P.M. DECEMBER 31ST TO 7:00 A.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN UNTIL 7:00 A.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 P.M. THURSDAY AND 7:00 A.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 P.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 A.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 P.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 A.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 P.M. FRIDAY TO 7:00 A.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 P.M. TUESDAY TO 7:00 A.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 P.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 A.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) WHEN USING A SHOULDER CLOSURE WITH MINOR ENCROACHMENT INTO THE ADJACENT TRAFFIC LANE USING MUTCD TEMPORARY TRAFFIC CONTROL ZONE TYPICAL APPLICATION TA-6, MAINTAIN A MINIMUM OF 10 FT. TRAVEL LANE AND CLOSE AFFECTED SIDEWALKS/ PEDESTRIAN PATHS.
- D) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL, CLOSE THE LANE ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- F) DO NOT INSTALL MORE THAN ONE LANE CLOSURE, IN ANY ONE DIRECTION, ON ANY ROAD.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- G) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 200 FEET IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

SIGNING

- H) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE. INSTALL SIGNS IMMEDIATELY PRIOR TO THE BEGINNING OF CONSTRUCTION AND REMOVE OR COVER SIGNS UPON COMPLETION AND DURING INACTIVE PERIODS.
- I) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- J) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 200 FEET IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

- K) INSTALL WATER-FILLED BARRIER A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE WATER-FILLED BARRIER IS INSTALLED AT ANY LOCATION, PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE WATER-FILLED BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE WATER-FILLED BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET BARRIER AT NOT COST TO THE OWNER UNLESS THE BARRIER IS PROTECTING A HAZARD OR AS DIRECTED BY THE ENGINEER.

INSTALL WATER-FILLED BARRIER WITH THE TRAFFIC FLOW, BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE WATER-FILLED BARRIER AGAINST THE TRAFFIC FLOW, BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE WATER-FILLED BARRIER CAN BE PLACED OR AFTER THE WATER-FILLED BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

- L) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADIUS, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF THE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.
- M) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- N) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS SHOWN IN THE PAVEMENT MARKING PLAN.

- O) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
1. ALL ROADS	PAINT	TEMPORARY RAISED

- P) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Q) REMOVE/REPLACE ANY CONFLICTING/ DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- R) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS/CONES/SKINNY DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

FINAL SIGNALS

- S) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

PEDESTRIANS

- T) MAINTAIN REASONABLE AND SAFE PEDESTRIAN ACCESS AT ALL TIMES TO ALL BUSINESSES, SCHOOLS AND DWELLINGS IN AREAS AFFECTED BY CONSTRUCTION.
- U) WHEN CONSTRUCTION ACTIVITIES WILL BLOCK PEDESTRIAN ACCESS TO PEDESTRIAN SIGNAL PUSHBUTTONS, NOTIFY THE ENGINEER AT LEAST 24 HOURS IN ADVANCE OF SUCH WORK TO HAVE THE TRAFFIC SIGNAL PLACED ON PEDESTRIAN RECALL.
- V) REFER TO MUTCD SECTION 6D.01, "PEDESTRIAN CONSIDERATIONS" AND SECTION 6D.02, "ACCESSIBILITY CONSIDERATIONS" FOR ADDITIONAL REQUIREMENTS AND CONSIDERATIONS FOR MAINTAINING PEDESTRIAN TRAFFIC THROUGH WORK AREA.

POLICE

- W) WHEN AN EXISTING TRAFFIC SIGNAL IS PLACED OUT OF SERVICE (I.E. THE TRAFFIC SIGNAL HEADS ON ONE OR MORE APPROACHES ARE DARK), POLICE WILL BE REQUIRED TO MAINTAIN TRAFFIC THROUGH THE INTERSECTION UNTIL PROPER SIGNAL OPERATION IS RESTORED. DIVIDED AND MULTI-LANE FACILITIES MAY REQUIRE TWO POLICE OFFICERS, AS DIRECTED BY THE ENGINEER.
- X) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA, AS DIRECTED BY THE ENGINEER.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

TRAFFIC CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Nasha M. Rodetick 4.22.10
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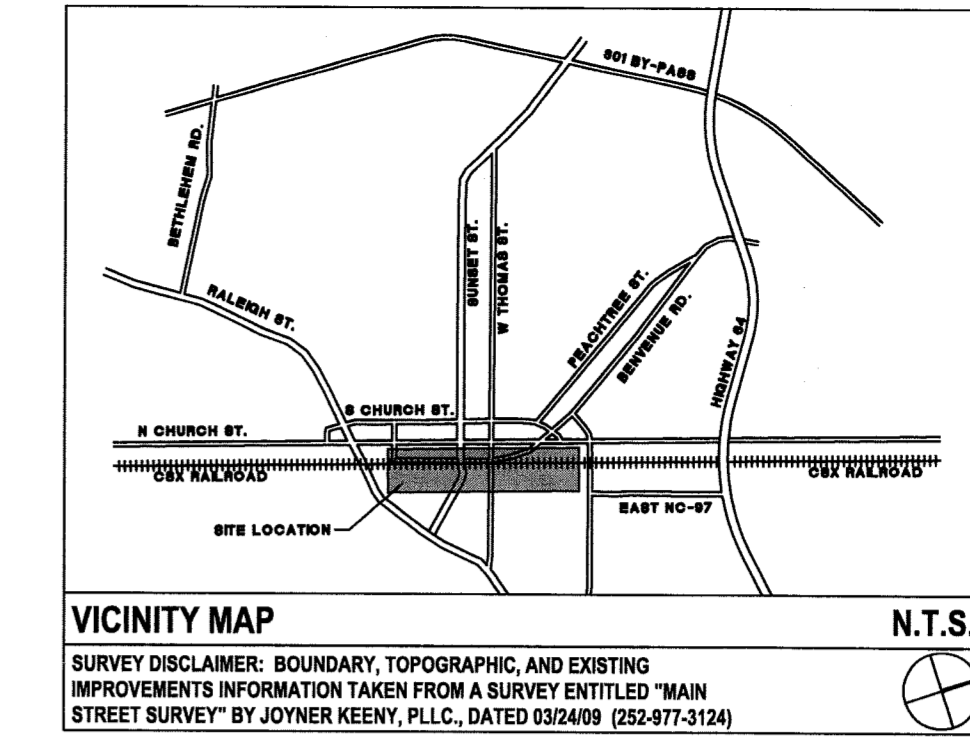
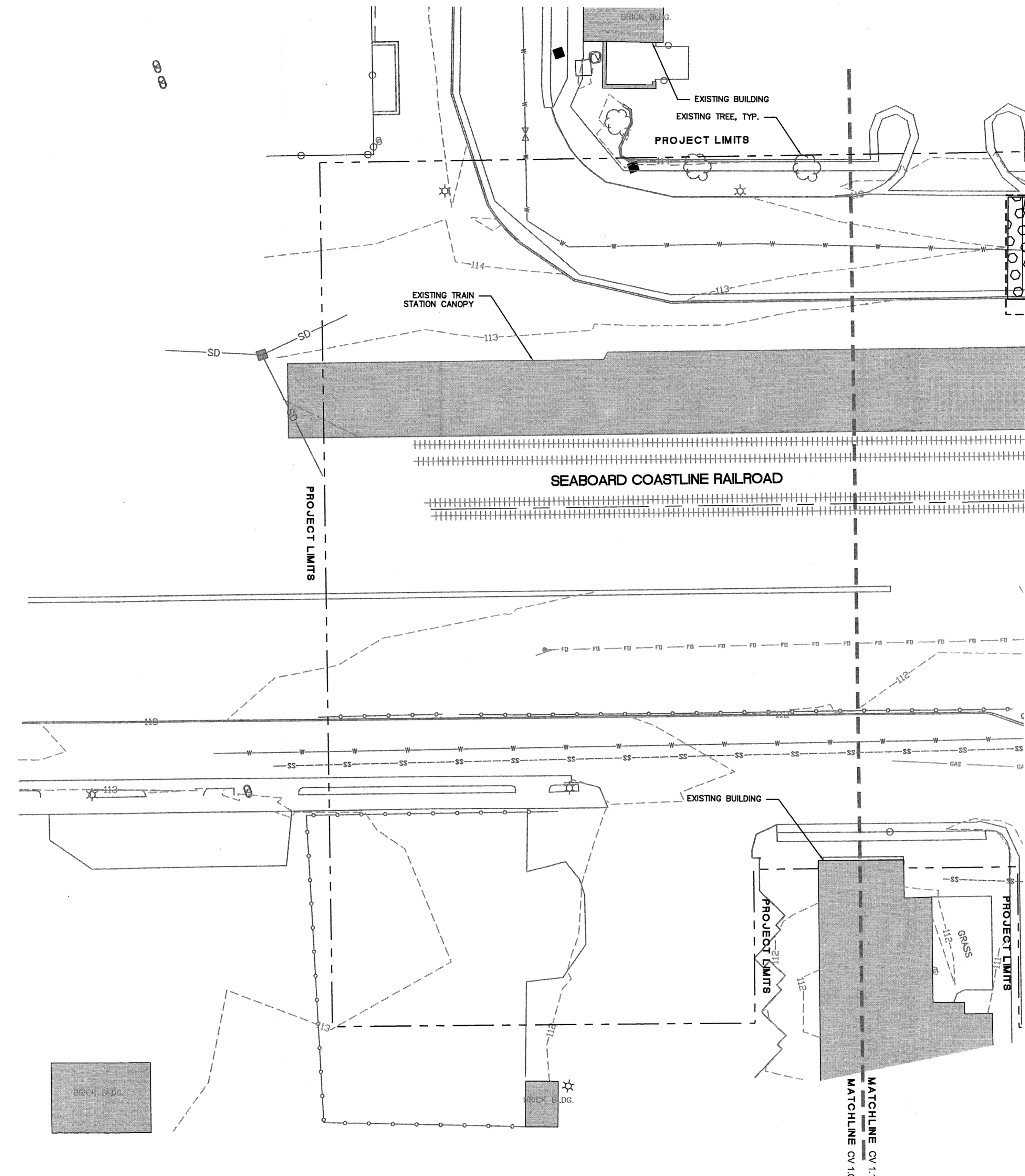
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Prepared by:



HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554



LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV1.14
	SILT FENCE 2 & 3/CV1.14
	TREE PROTECTION FENCE 9/CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV1.14
	CATCH BASIN INLET PROTECTION 7/CV1.14
	ROCK CHECK DAM 5/CV1.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

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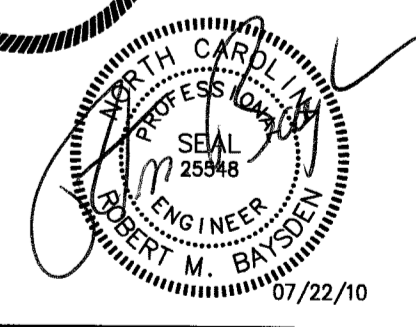
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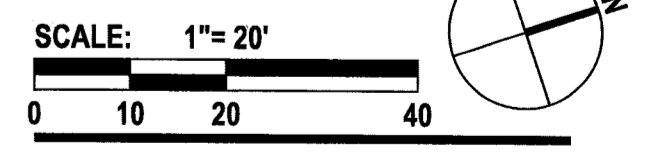
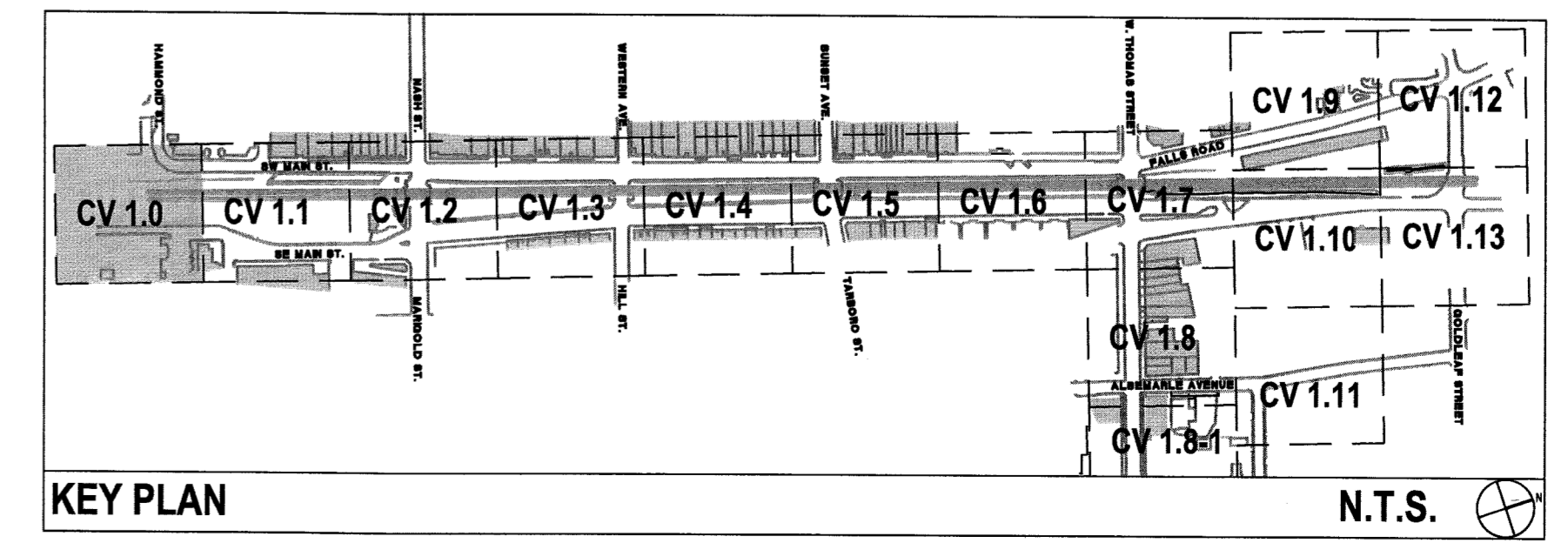
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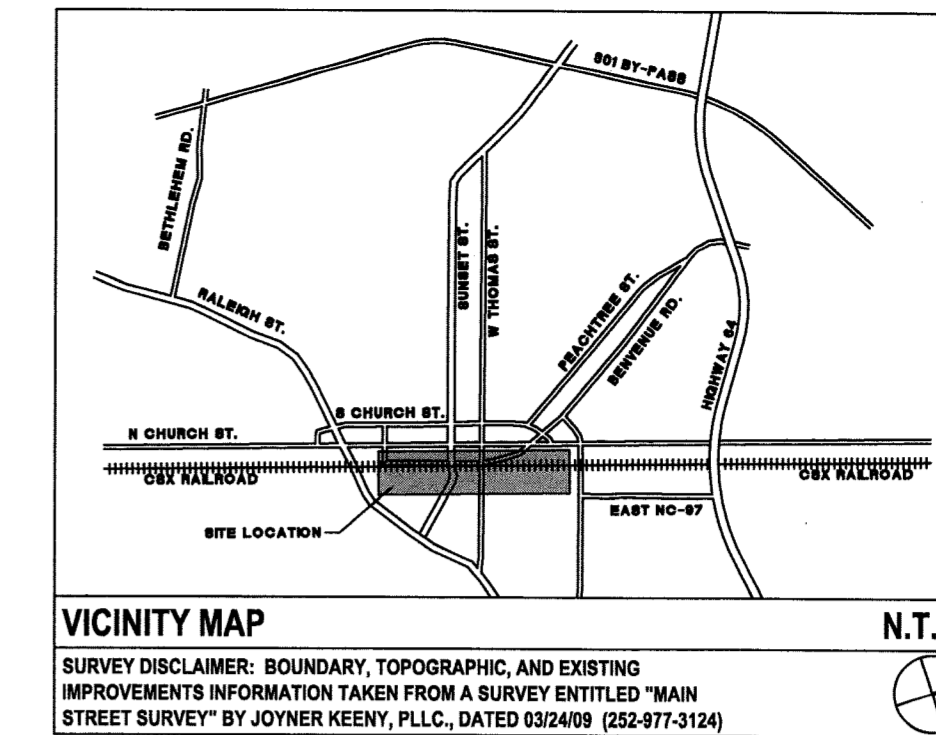
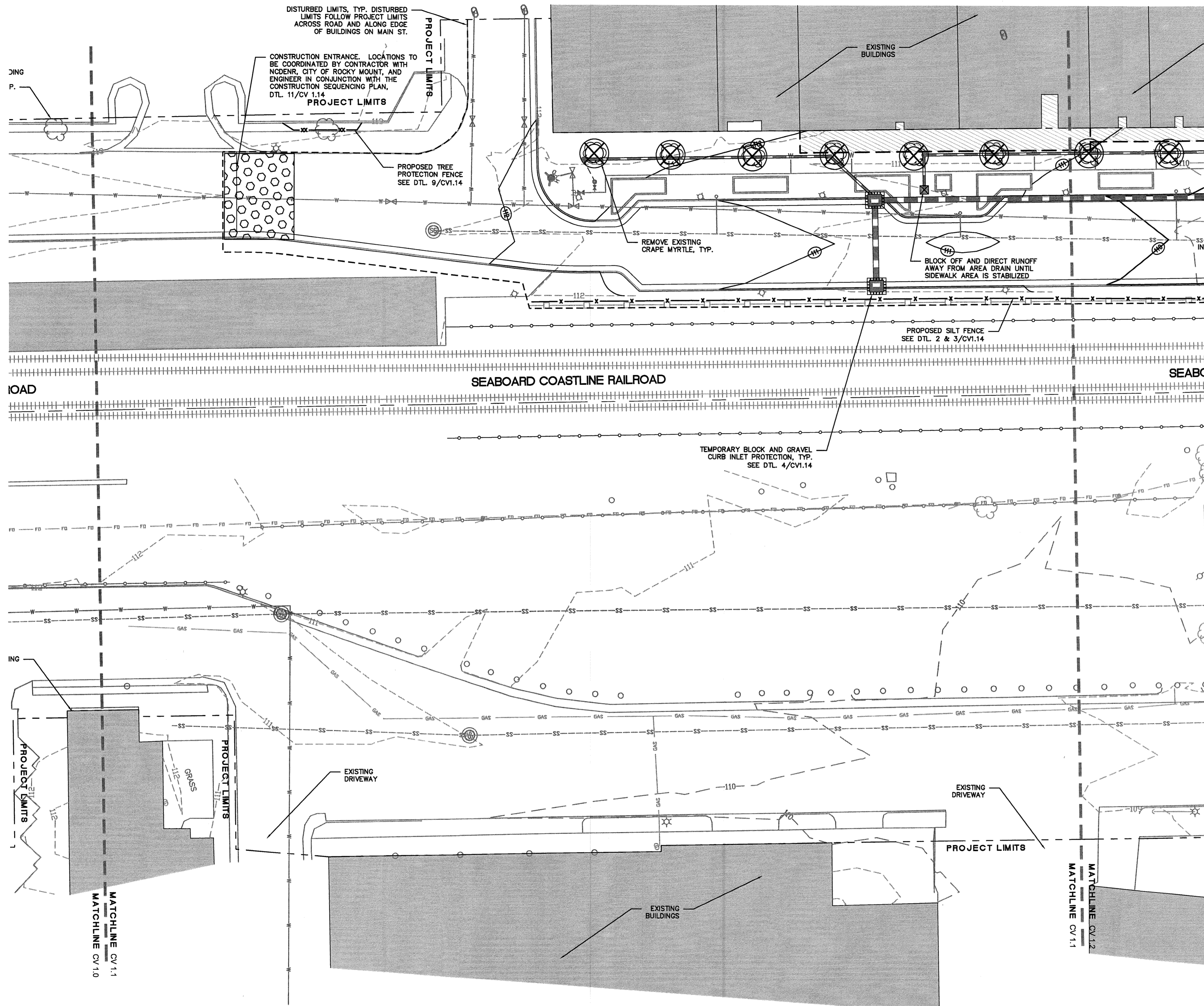
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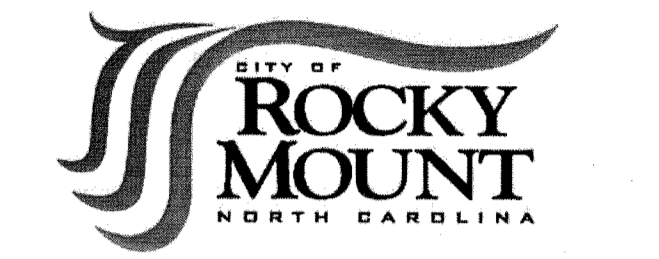
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LEGEND (EROSION CONTROL)

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	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV1.14
	CATCH BASIN INLET PROTECTION 7/CV1.14
	ROCK CHECK DAM 5/CV1.14



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

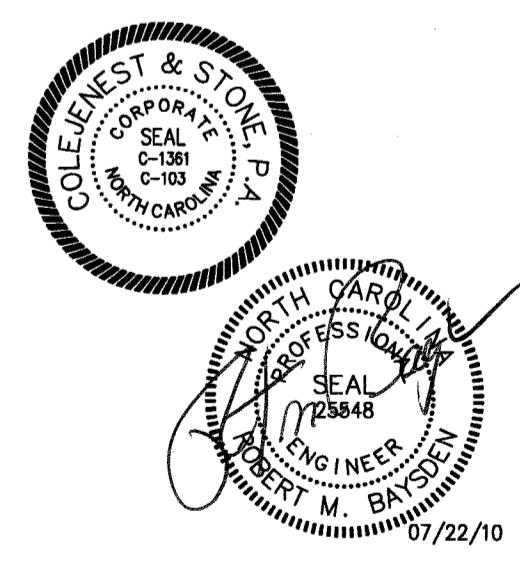
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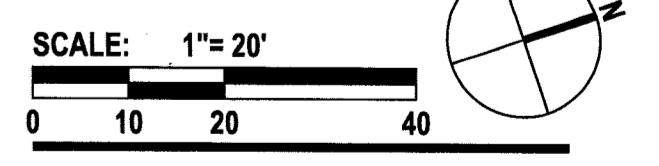
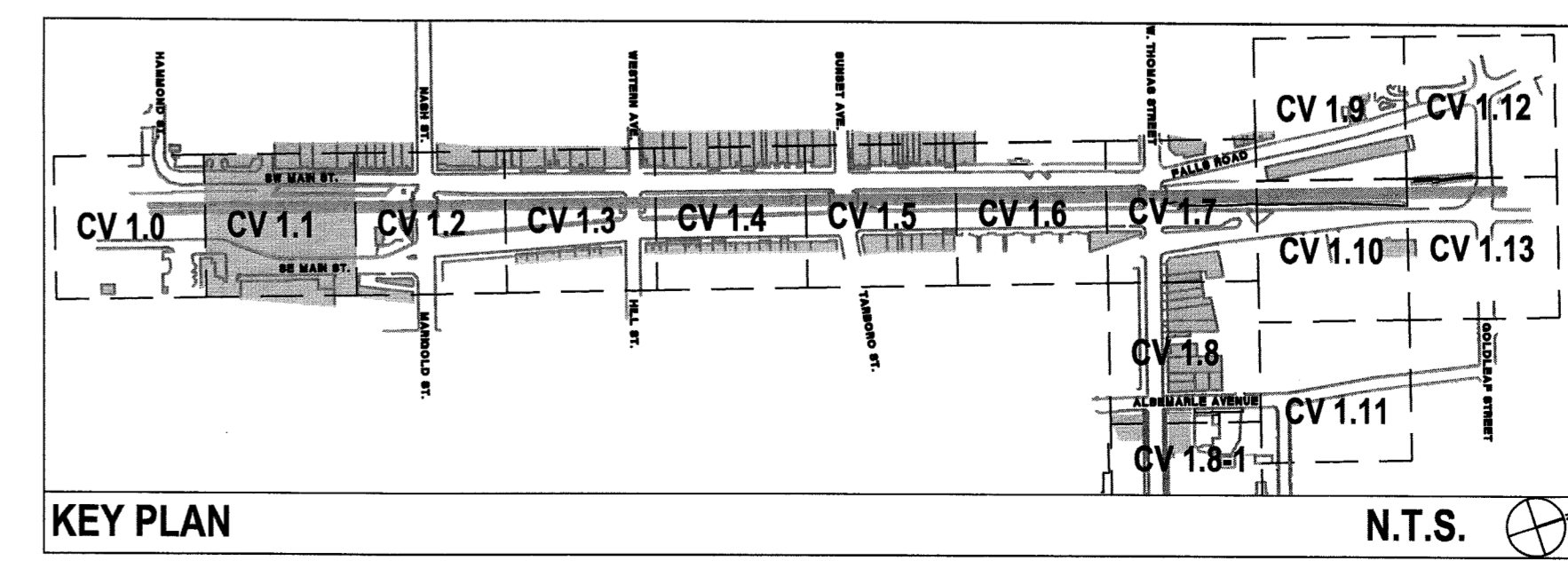
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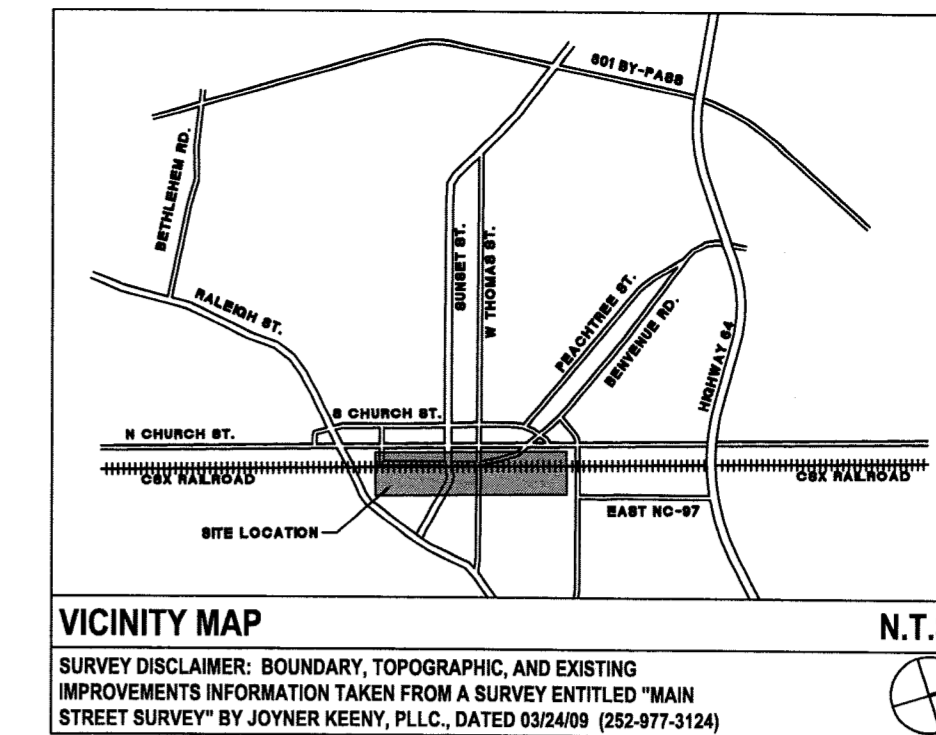
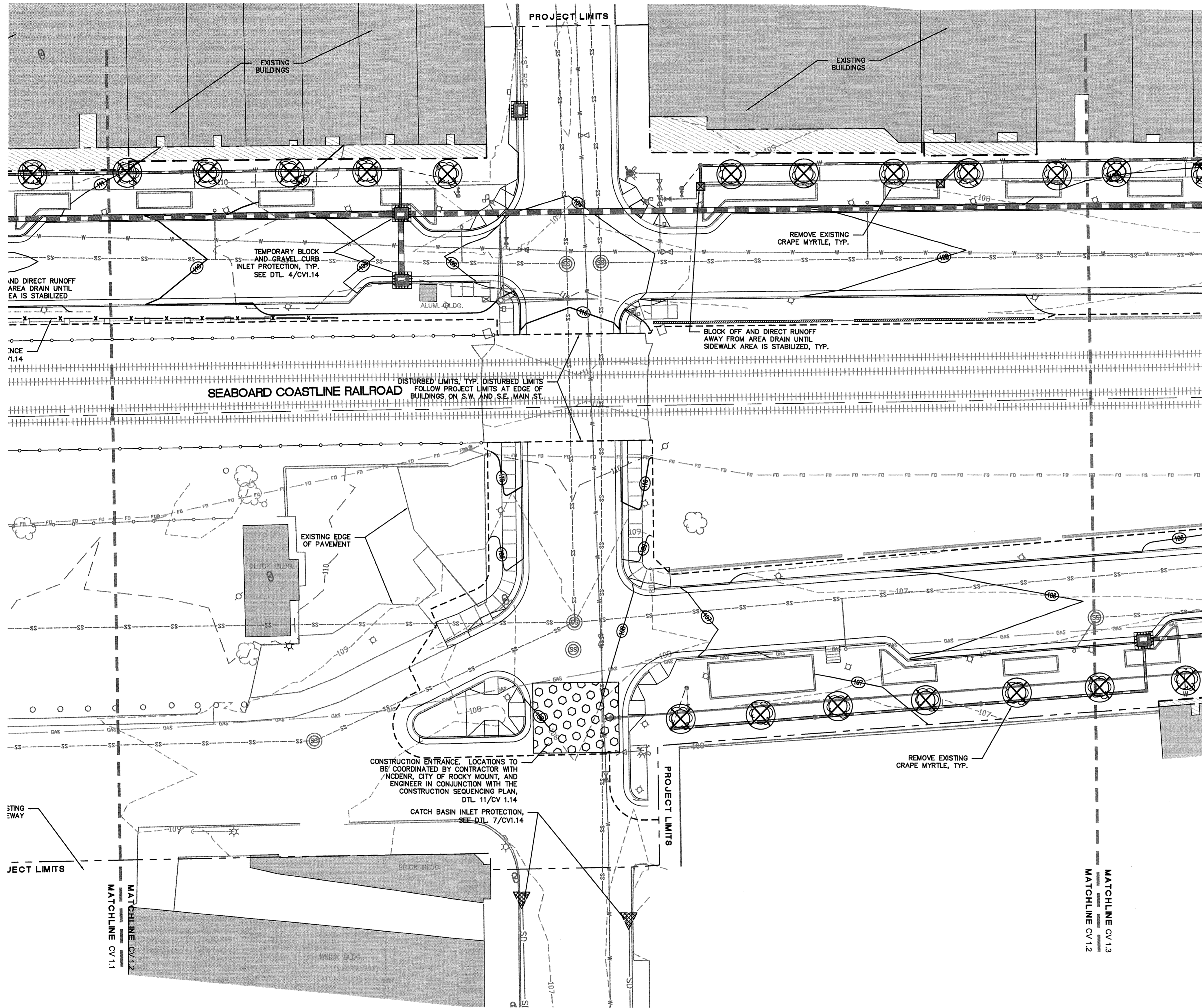
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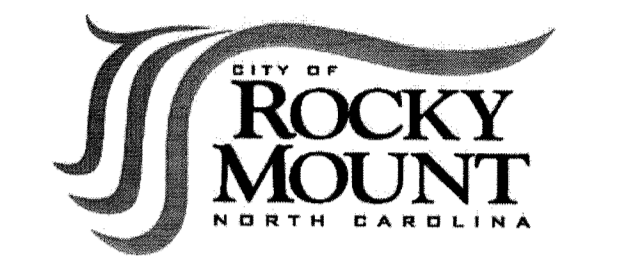
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	ROCK CHECK DAM 5/CV.1.4



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

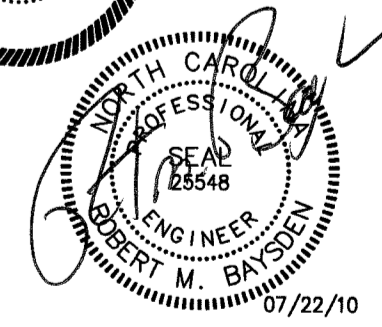
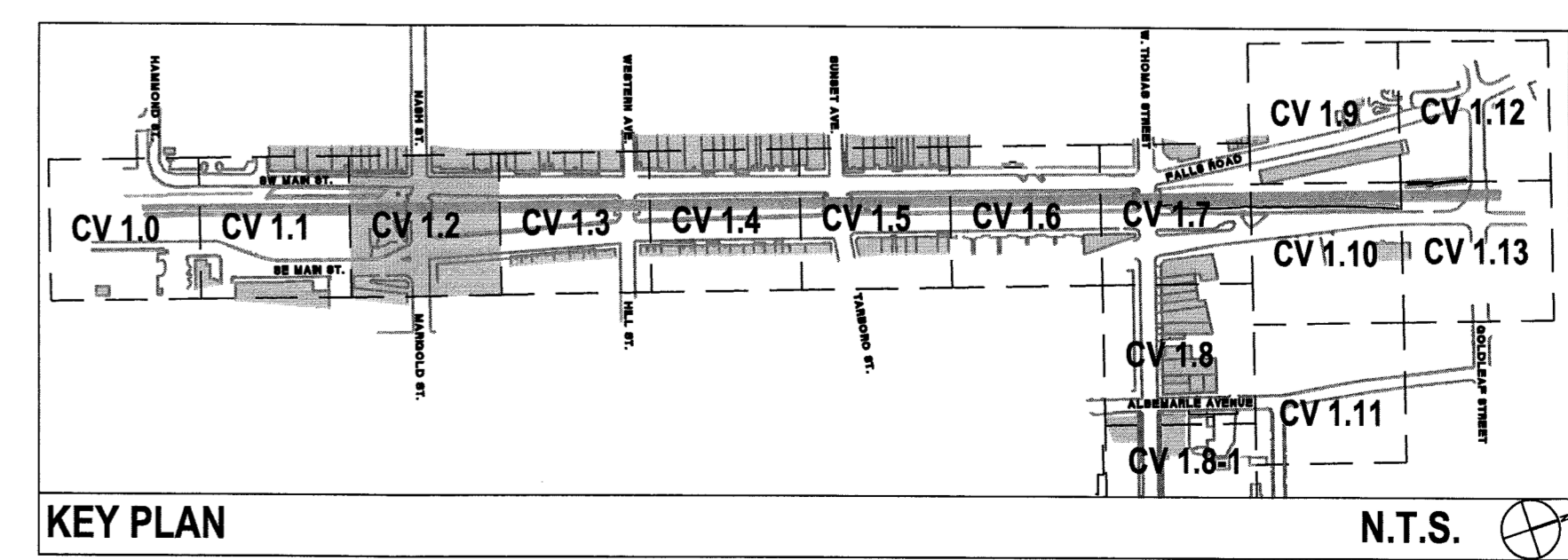
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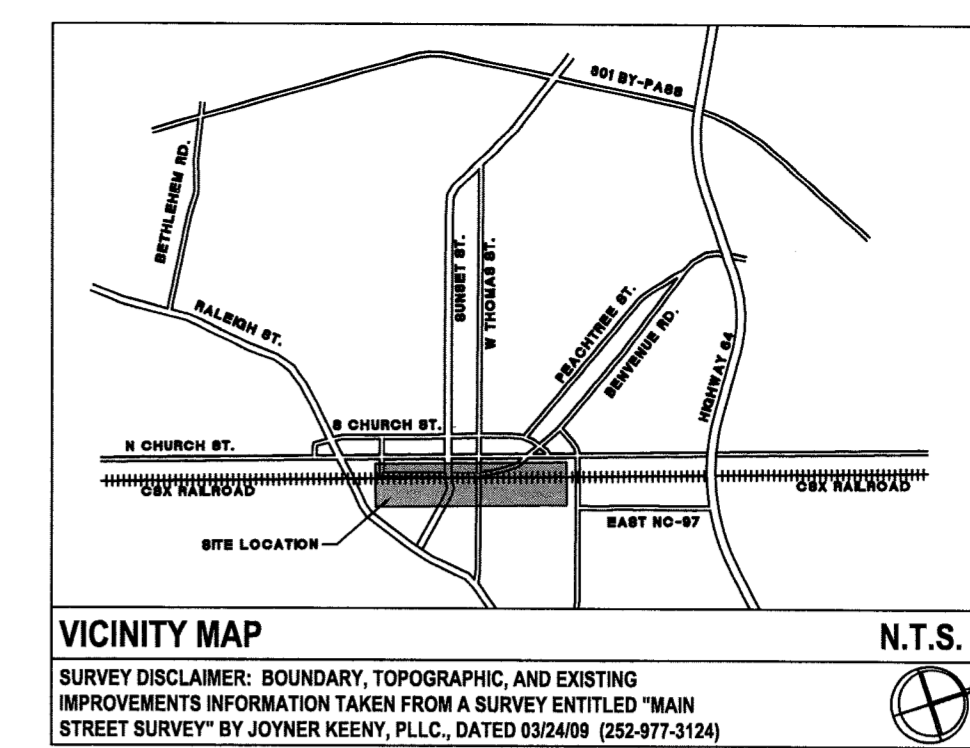
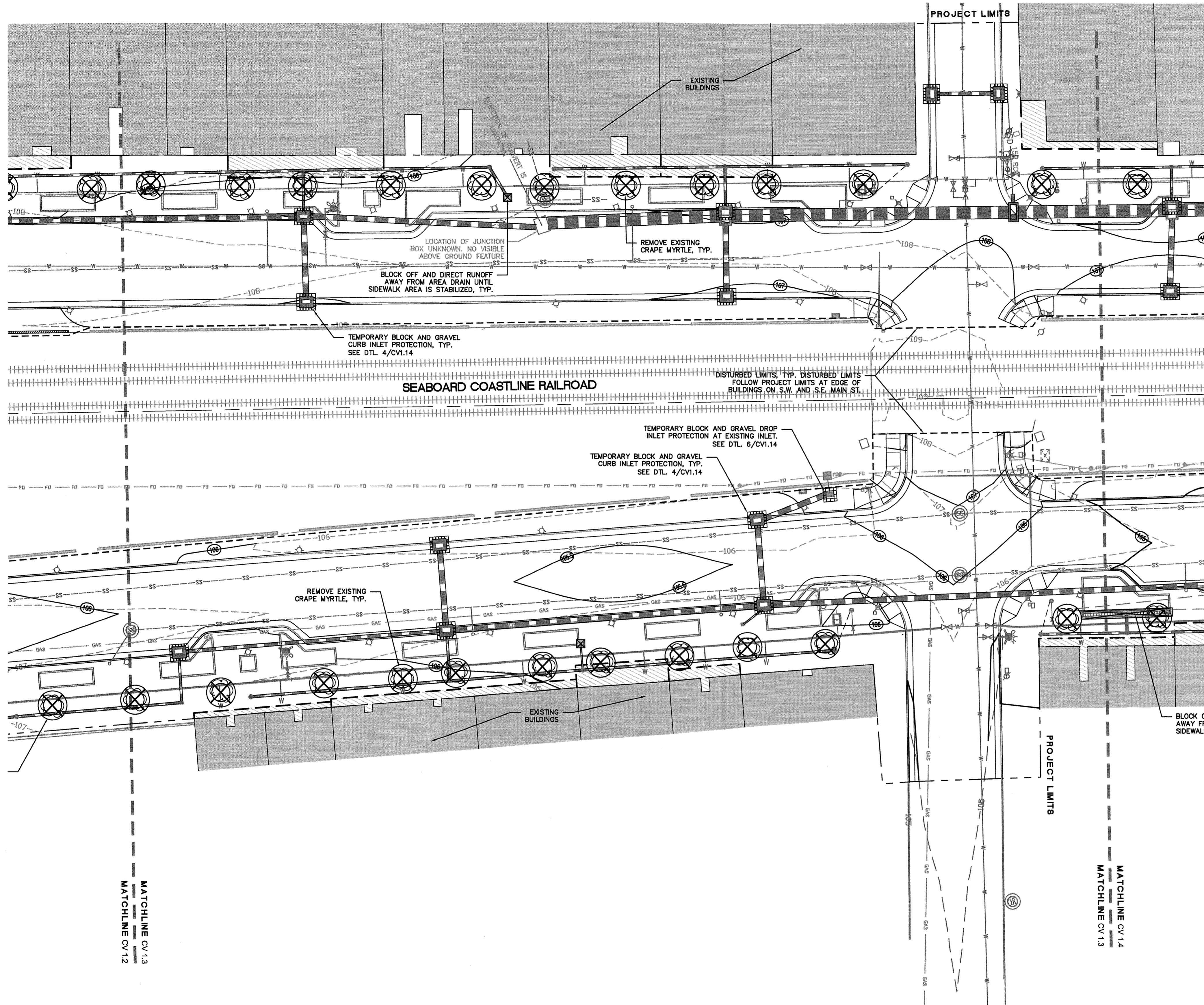


SCALE: 1"=20'

CV 1.2

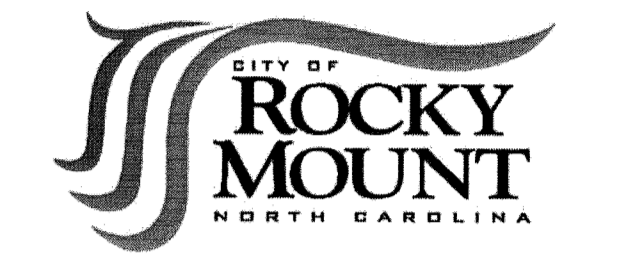
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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV1.14
	SILT FENCE 2 & 3/CV1.14
	TREE PROTECTION FENCE 9/CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV1.14
	CATCH BASIN INLET PROTECTION 7/CV1.14
	ROCK CHECK DAM 5/CV1.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

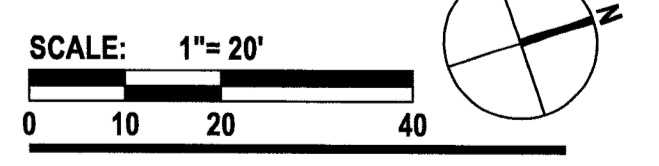
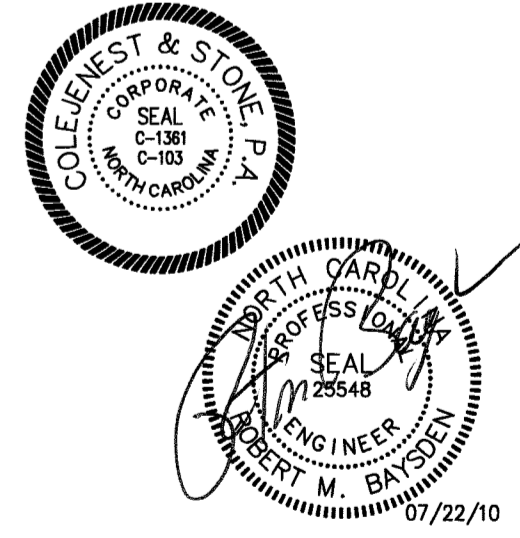
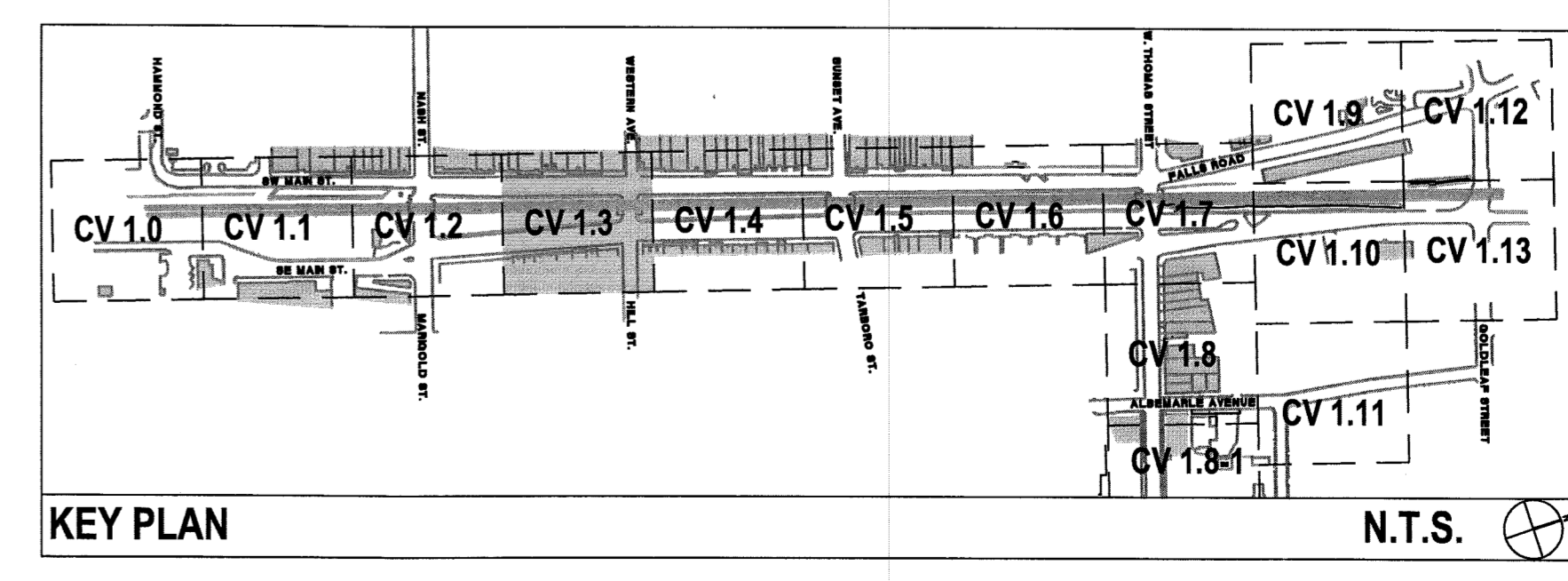
04.22.10

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07.22.10	1	REVISIONS PER NCDEMR COMMENTS
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

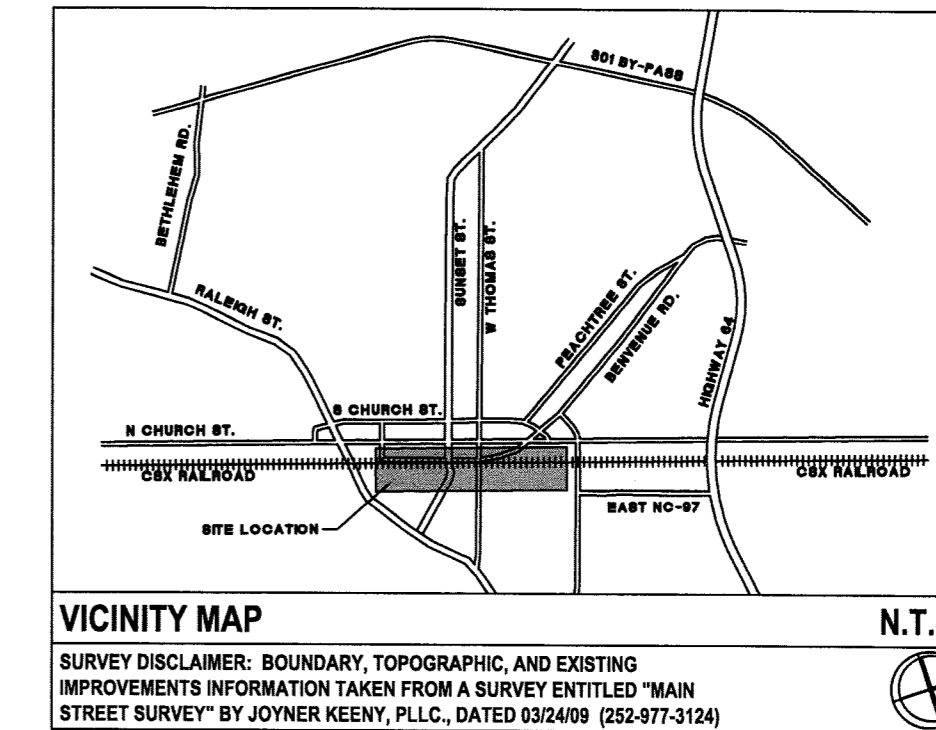
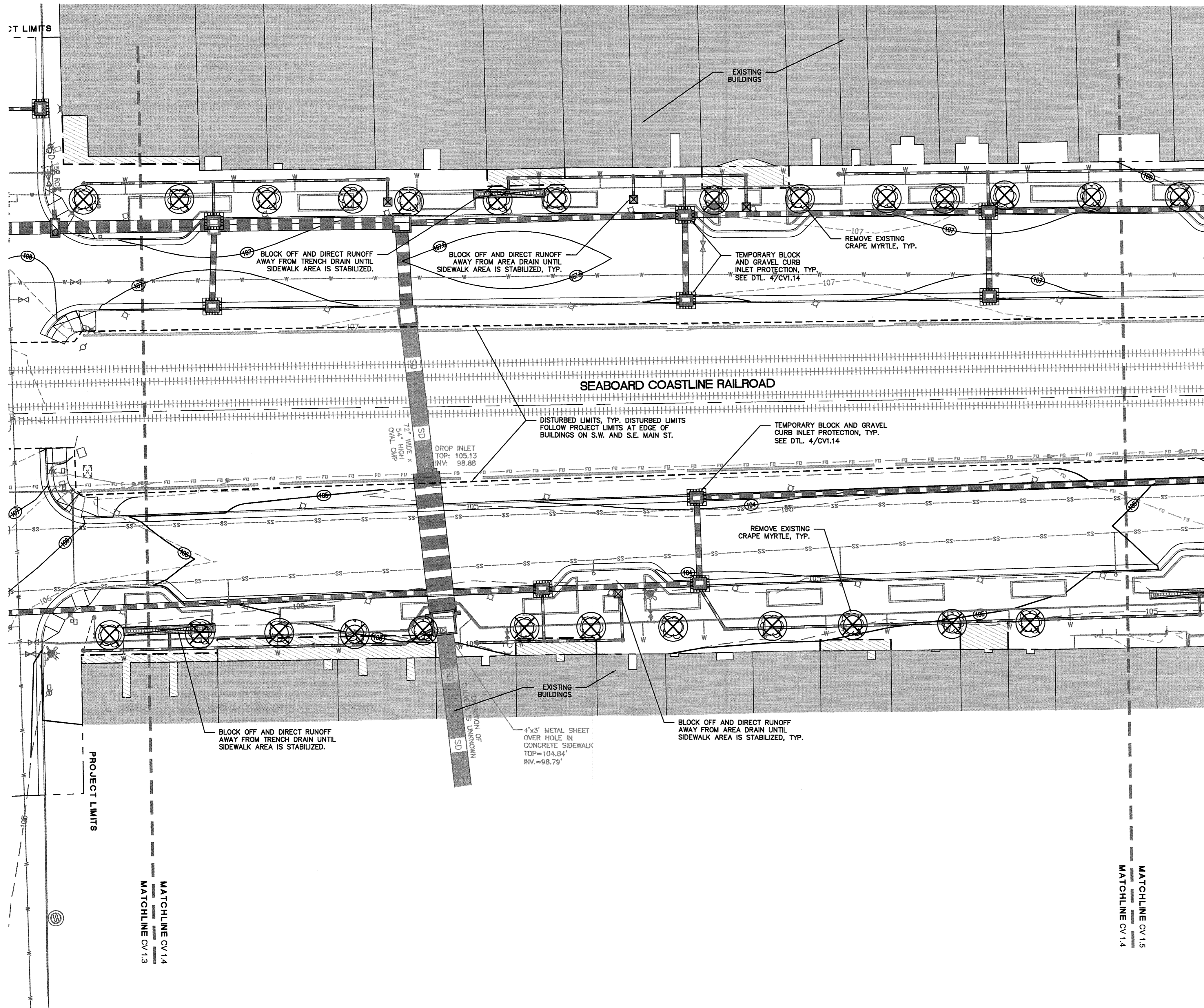
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4049) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
- CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL WAIT FOR INSTRUCTION FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



CV 1.3

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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV1.14
	SILT FENCE 2 & 3/CV1.14
	TREE PROTECTION FENCE 9/CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV1.14
	CATCH BASIN INLET PROTECTION 7/CV1.14
	ROCK CHECK DAM 5/CV1.14



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

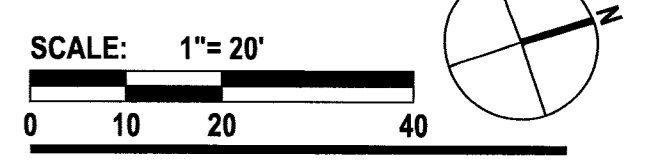
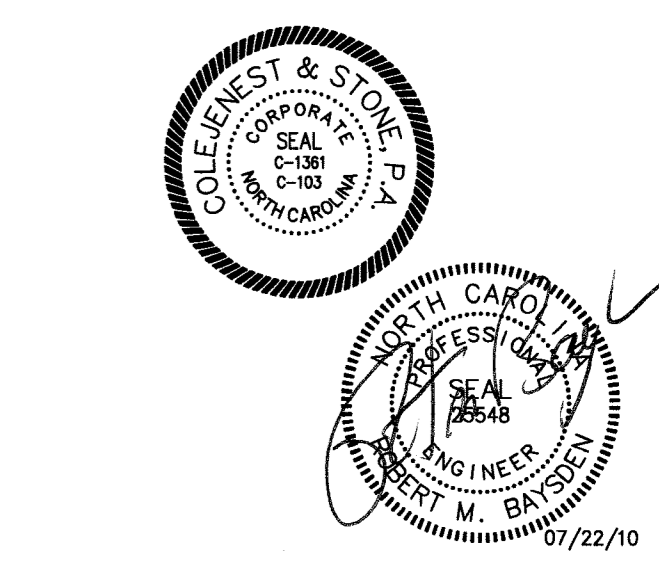
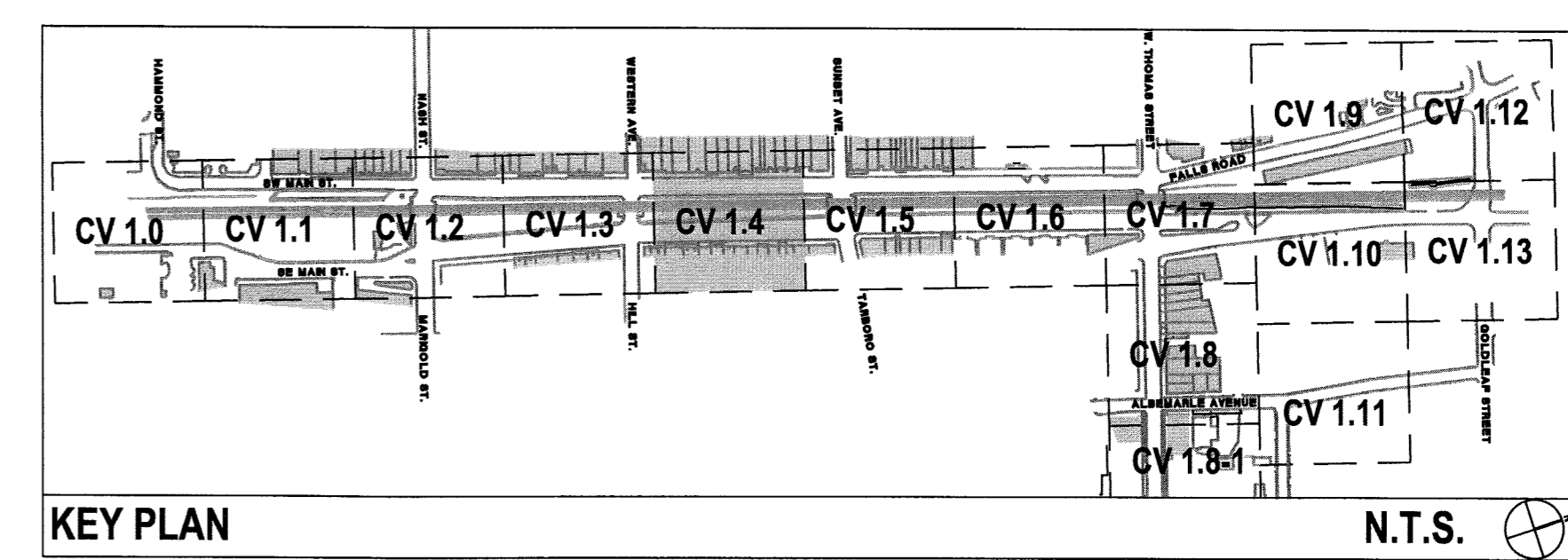
04.22.10

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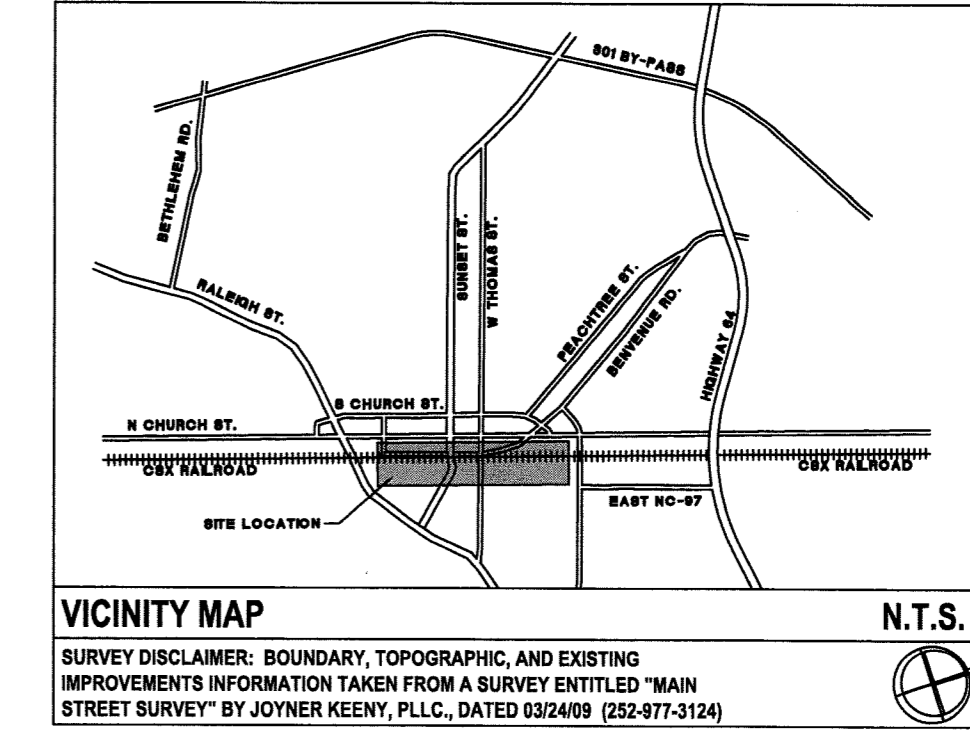
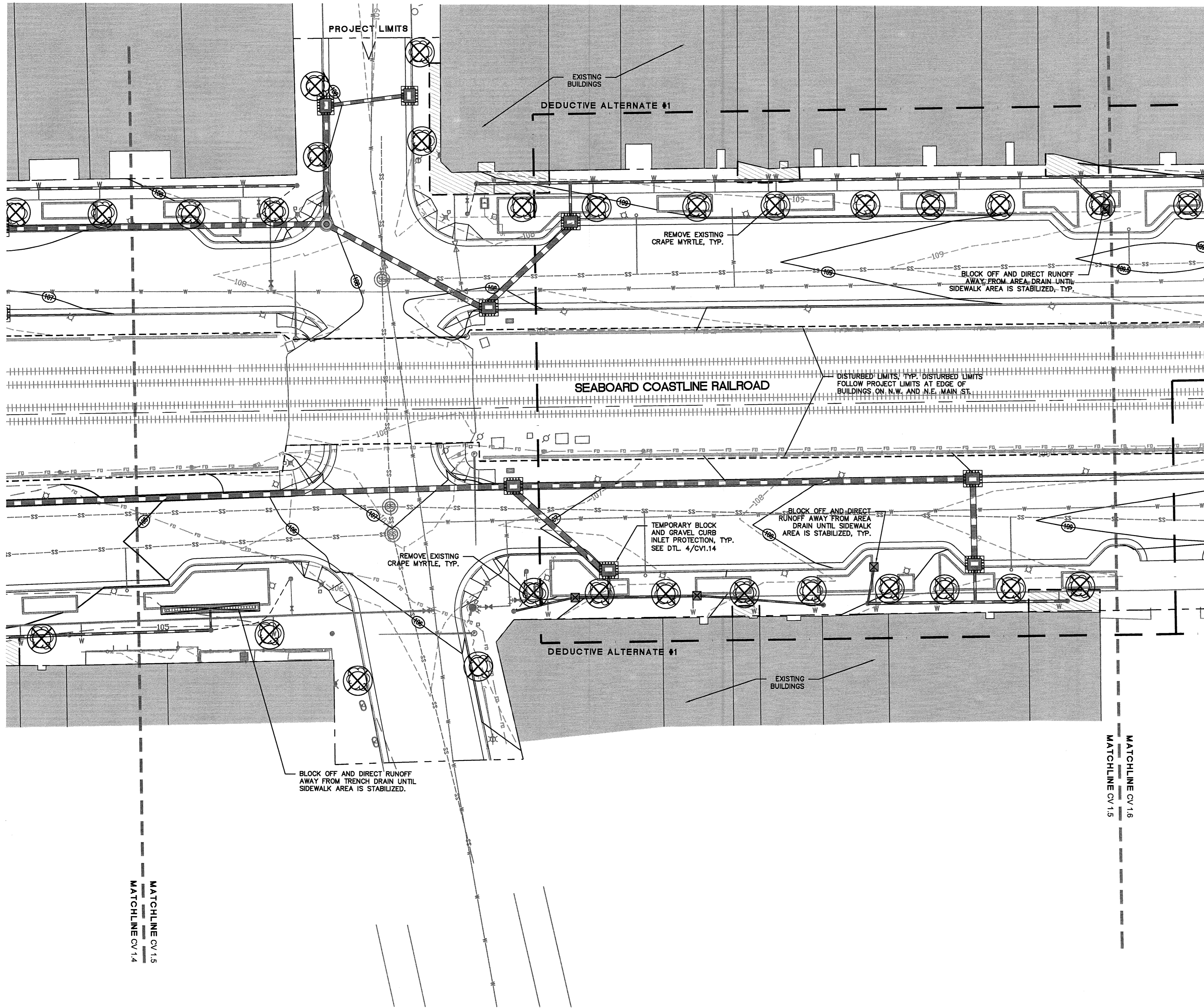
SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

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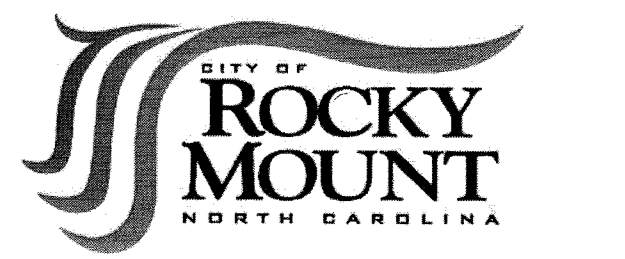
CV 1.4

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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV1.14
	SILT FENCE 2 & 3/CV1.14
	TREE PROTECTION FENCE 9/CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV1.14
	CATCH BASIN INLET PROTECTION 7/CV1.14
	ROCK CHECK DAM 5/CV1.14



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

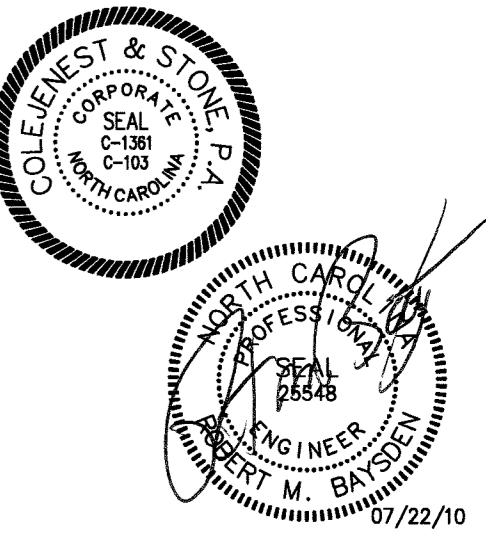
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ISSUED:

04.22.10

REVISED: # COMMENTS:

DATE	NO.	REVISIONS PER NCDENR COMMENTS
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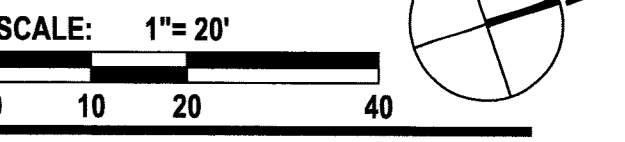
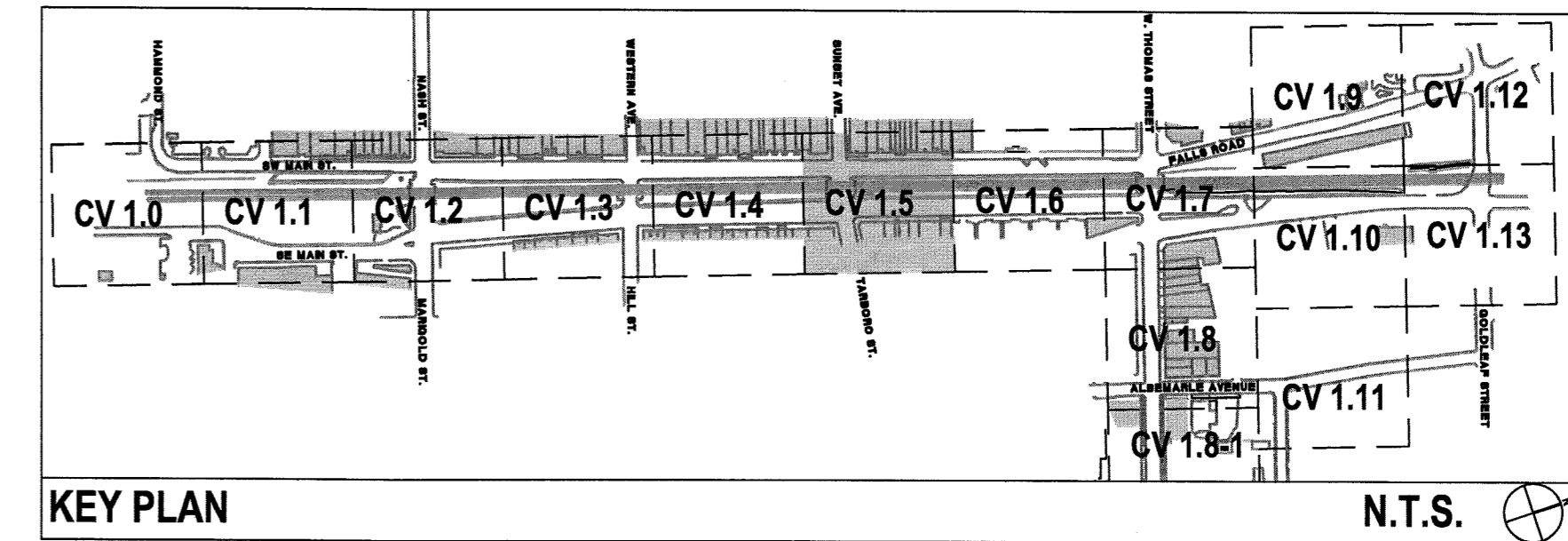


MATCHLINE CV 1.5
MATCHLINE CV 1.4

MATCHLINE CV 1.6
MATCHLINE CV 1.5

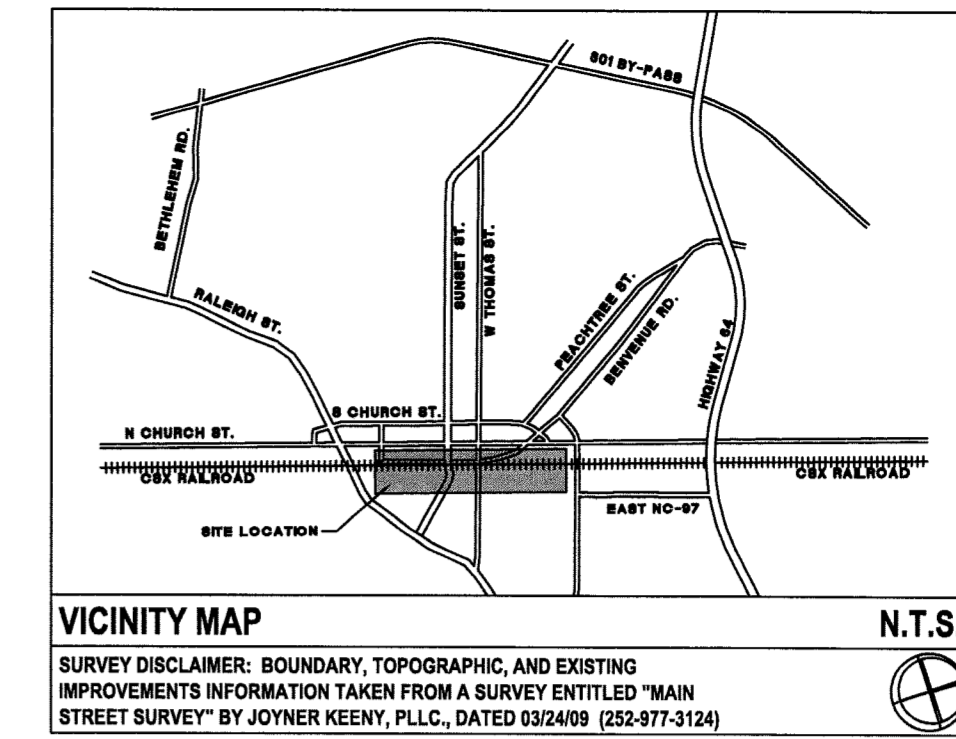
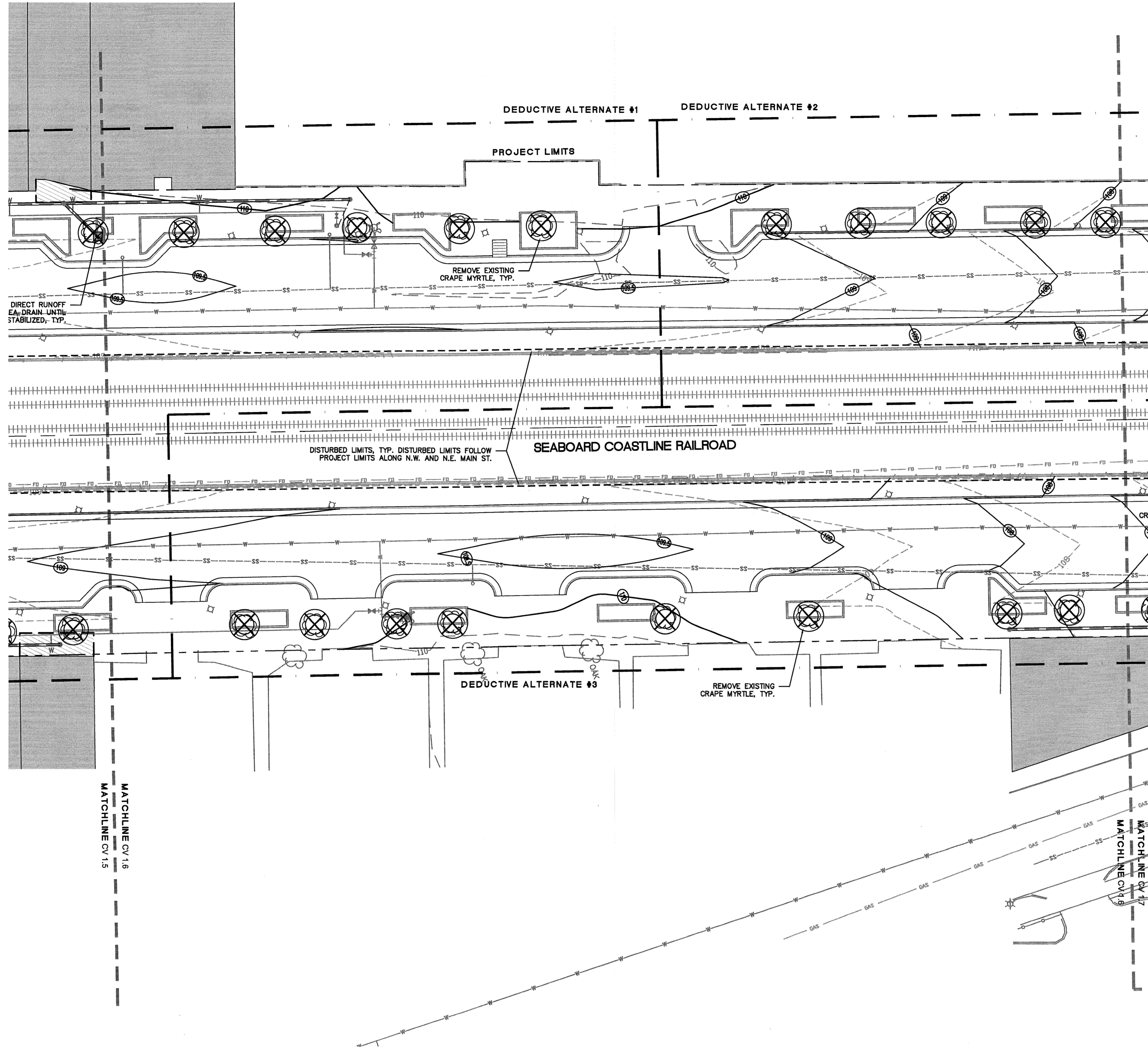
SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



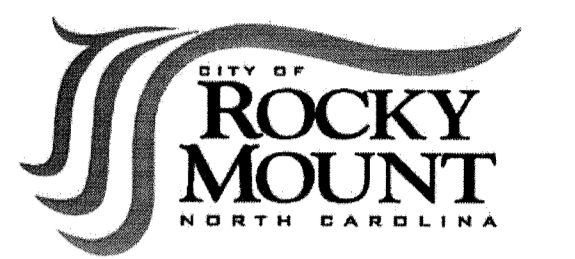
CV 1.5

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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/ CV1.14
	SILT FENCE 2 & 3/ CV1.14
	TREE PROTECTION FENCE 9/ CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/ CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/ CV1.14
	CATCH BASIN INLET PROTECTION 7/ CV1.14
	ROCK CHECK DAM 5/ CV1.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

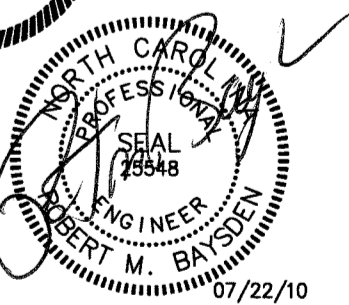
50219

ISSUED:

04.22.10

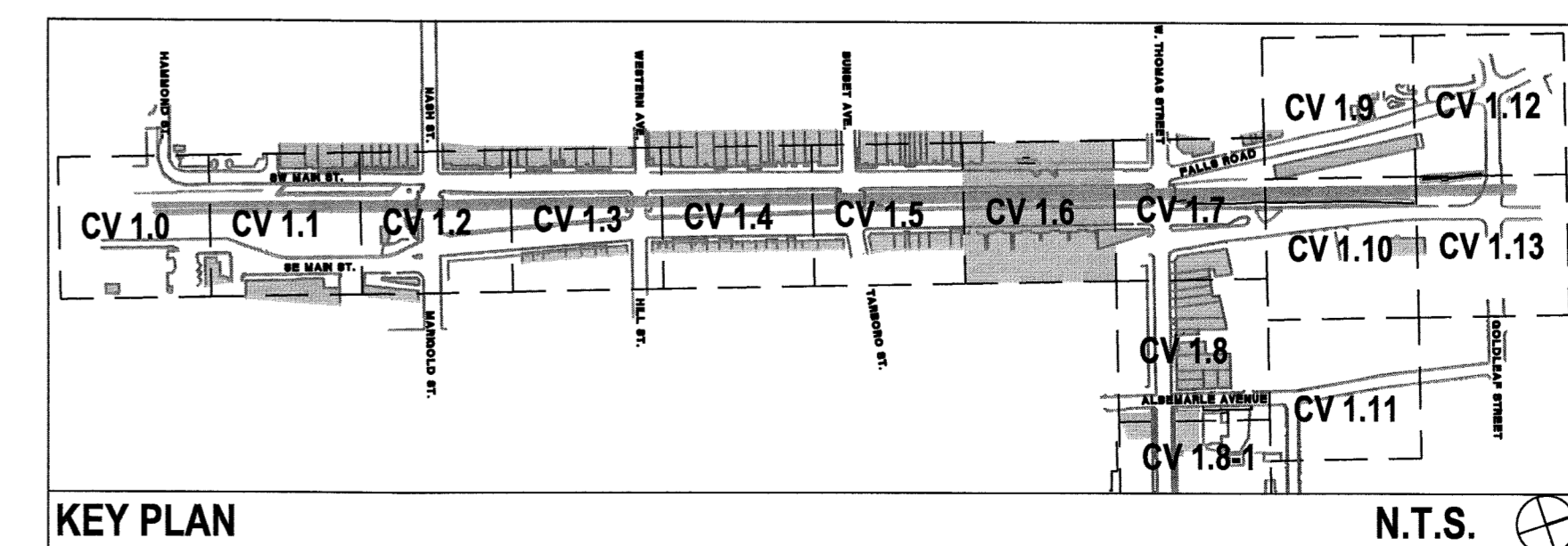
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

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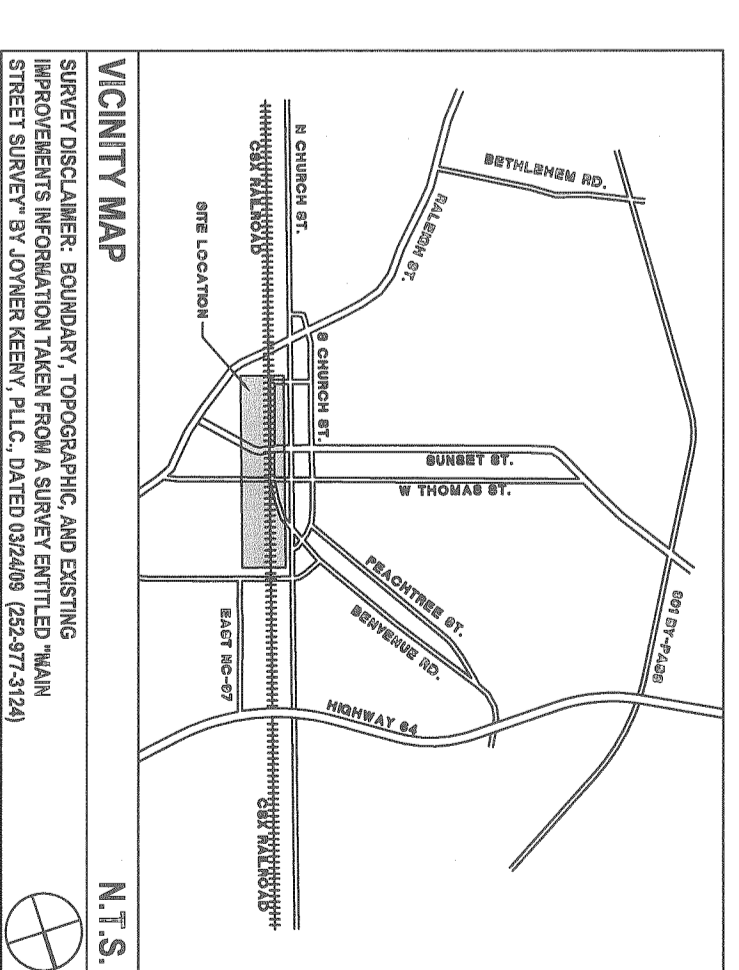
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CV 1.6

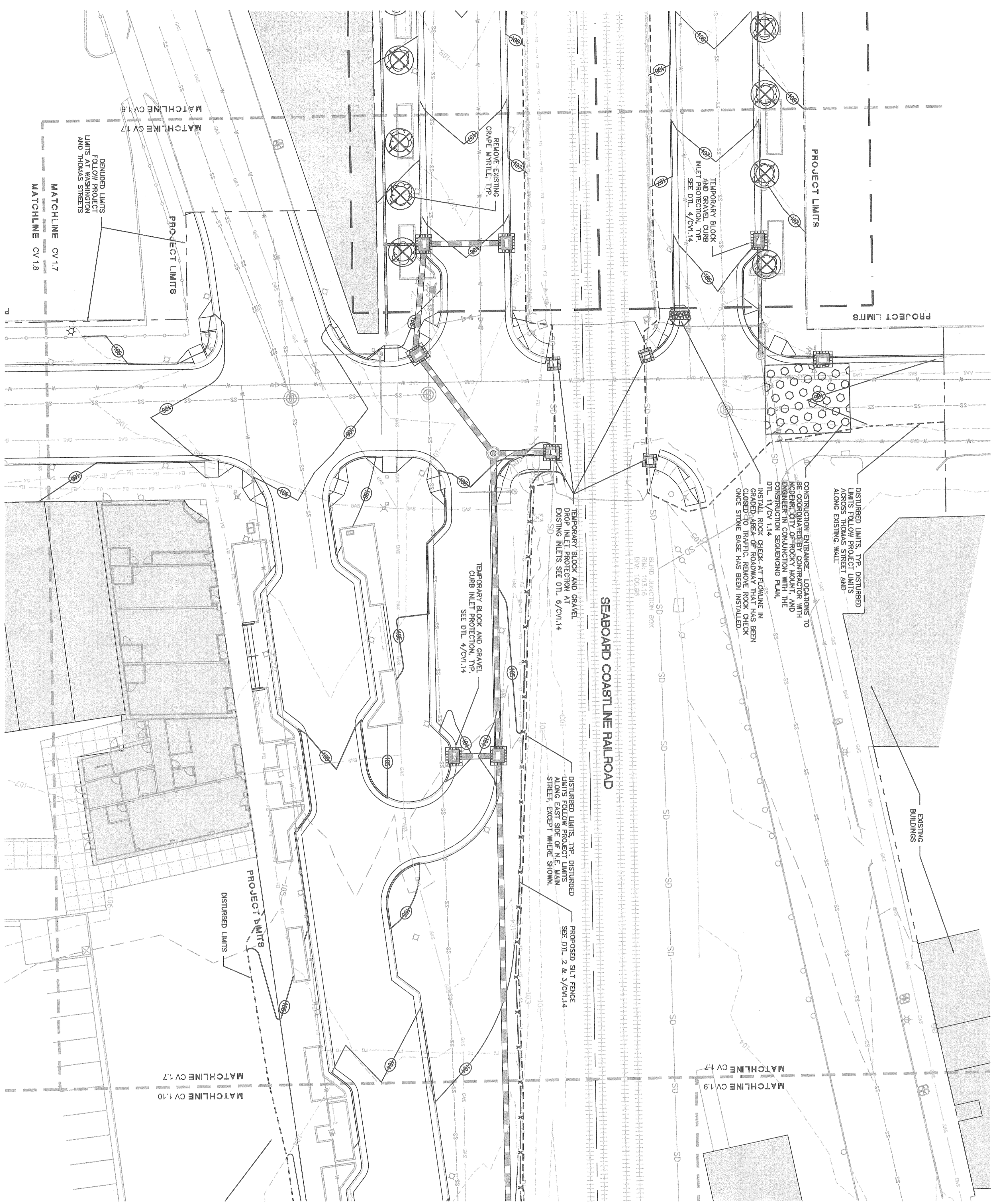
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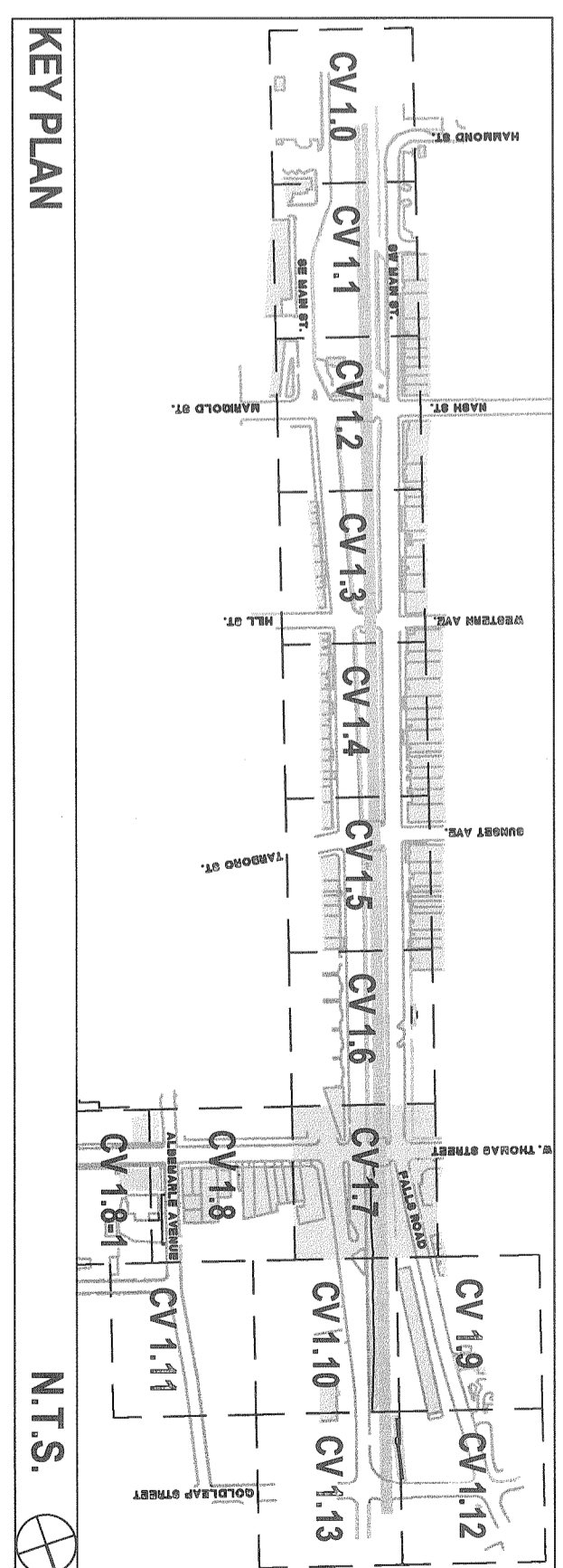
LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREES TO BE REMOVED
	TREES TO BE TRANSPLANTED
	SALT FENCE
	TREE PROTECTION FENCE
	LIMITS OF DISTURBANCE
	EXISTING STORM DRAINAGE
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION
	PROPOSED STORM DRAINAGE
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION
	ROCK CHECK DAM



SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-432-4449) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO OBTAIN NECESSARY PERMITS FROM THE STATE OF NORTH CAROLINA. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTACT PRIVATE UTILITY LOCATOR TO OBTAIN VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY LOCATIONS WHERE CONDUITS ARE IDENTIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM THE STATE OF NORTH CAROLINA.
4. THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. ALL SHEETING SHALL CONFORM TO ASHRAE AND OSHA SAFETY STANDARDS.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRIERS, WARNING LIGHTS, GUARD RAILS, AND SAFETY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENGINEERS ENTER VEHICULAR OR PEDESTRIAN TRAVEL AREAS. THESE SIGNS SHALL REMAIN IN PLACE UNTIL THE TRAFFIC HAS PROCEEDED NORMALLY AGAIN.
6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE AUTOD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

EROSION CONTROL PLAN

ISSUED FOR BIDDING

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISIONS: # COMMENTS:

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SCALE: 1"=20'

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CV 1.7

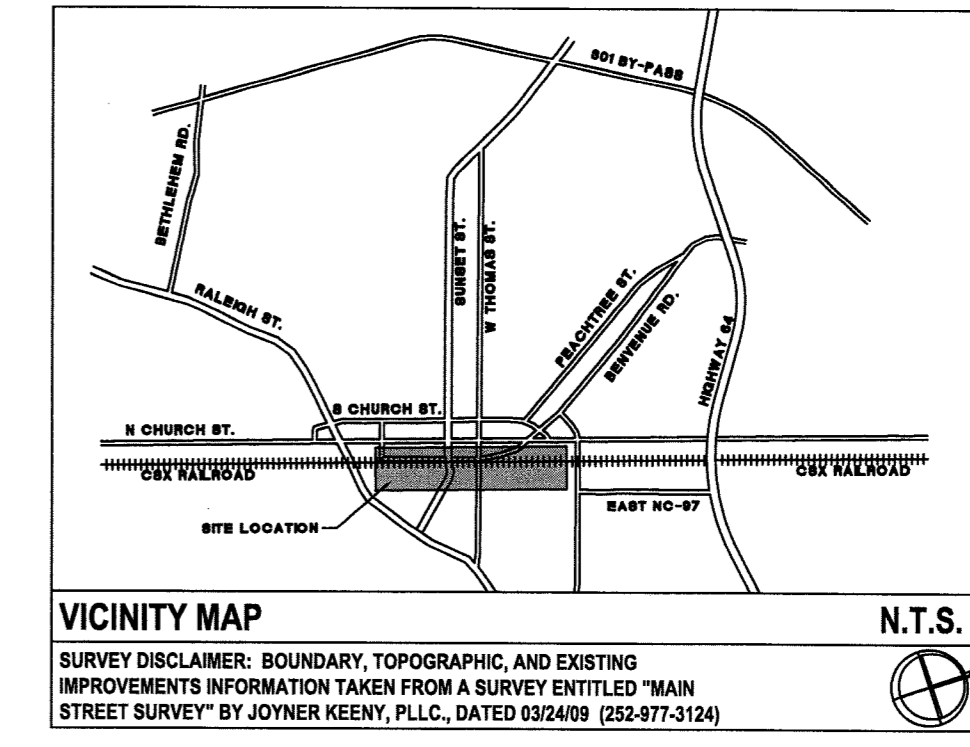
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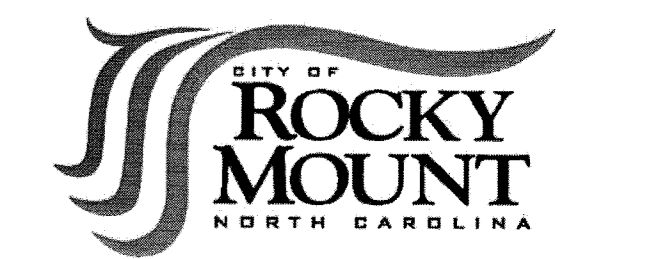
DENUDED LIMITS FOLLOW PROJECT LIMITS AT THOMAS STREET

INSTALL ROCK CHECK AT FEEDLINE IN GRADED AREA OF ROADWAY THAT HAS BEEN CLOSED TO TRAFFIC. REMOVE ROCK CHECK ONCE STONE BASE HAS BEEN INSTALLED.



LEGEND (EROSION CONTROL)

SYMBOL	DESCRIPTION	DETAIL
	TREE TO BE REMOVED	-/-
	TREE TO BE TRANSPLANTED	SEE NOTE #8 ON DETAIL 1/ CV1.14
	SILT FENCE	2 & 3/ CV1.14
	TREE PROTECTION FENCE	9/ CV1.14
	LIMITS OF DISTURBANCE	-/-
	EXISTING STORM DRAINAGE	-/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION	6/ CV1.14
	PROPOSED STORM DRAINAGE	-/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION	4/ CV1.14
	CATCH BASIN INLET PROTECTION	7/ CV1.14
	ROCK CHECK DAM	5/ CV1.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

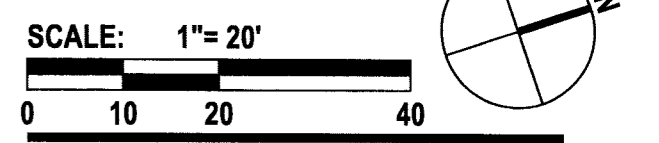
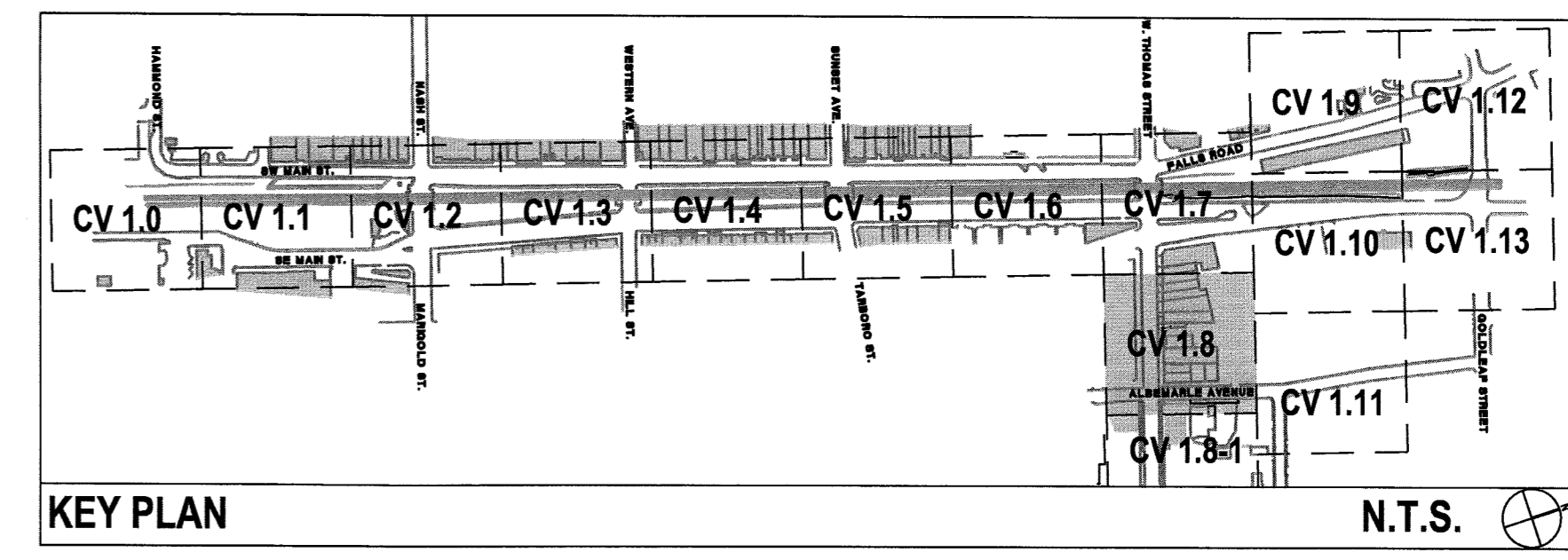
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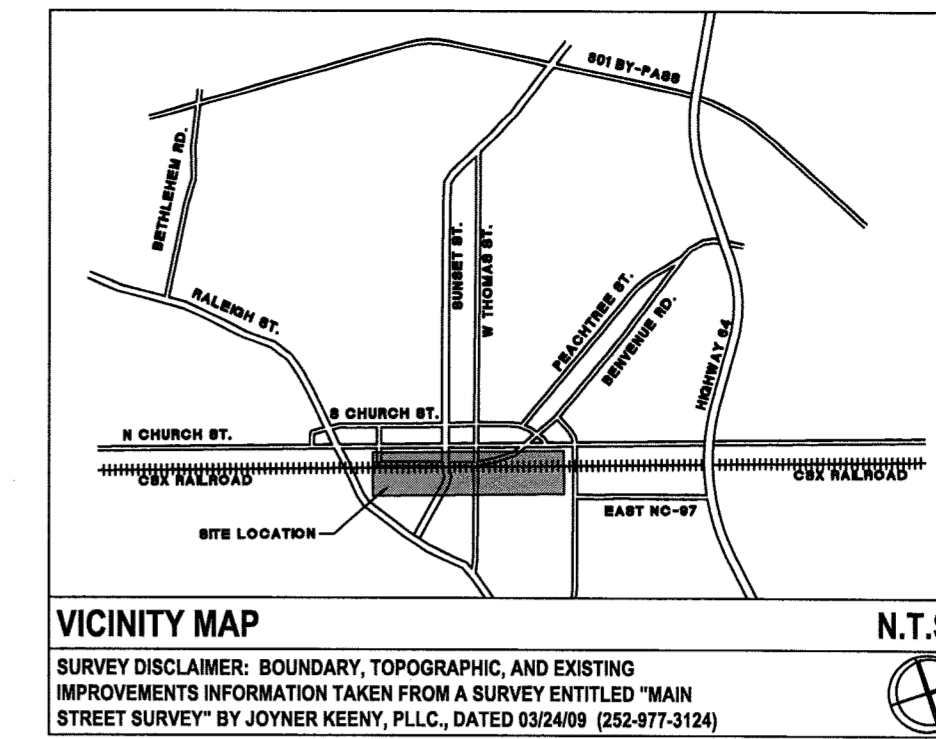
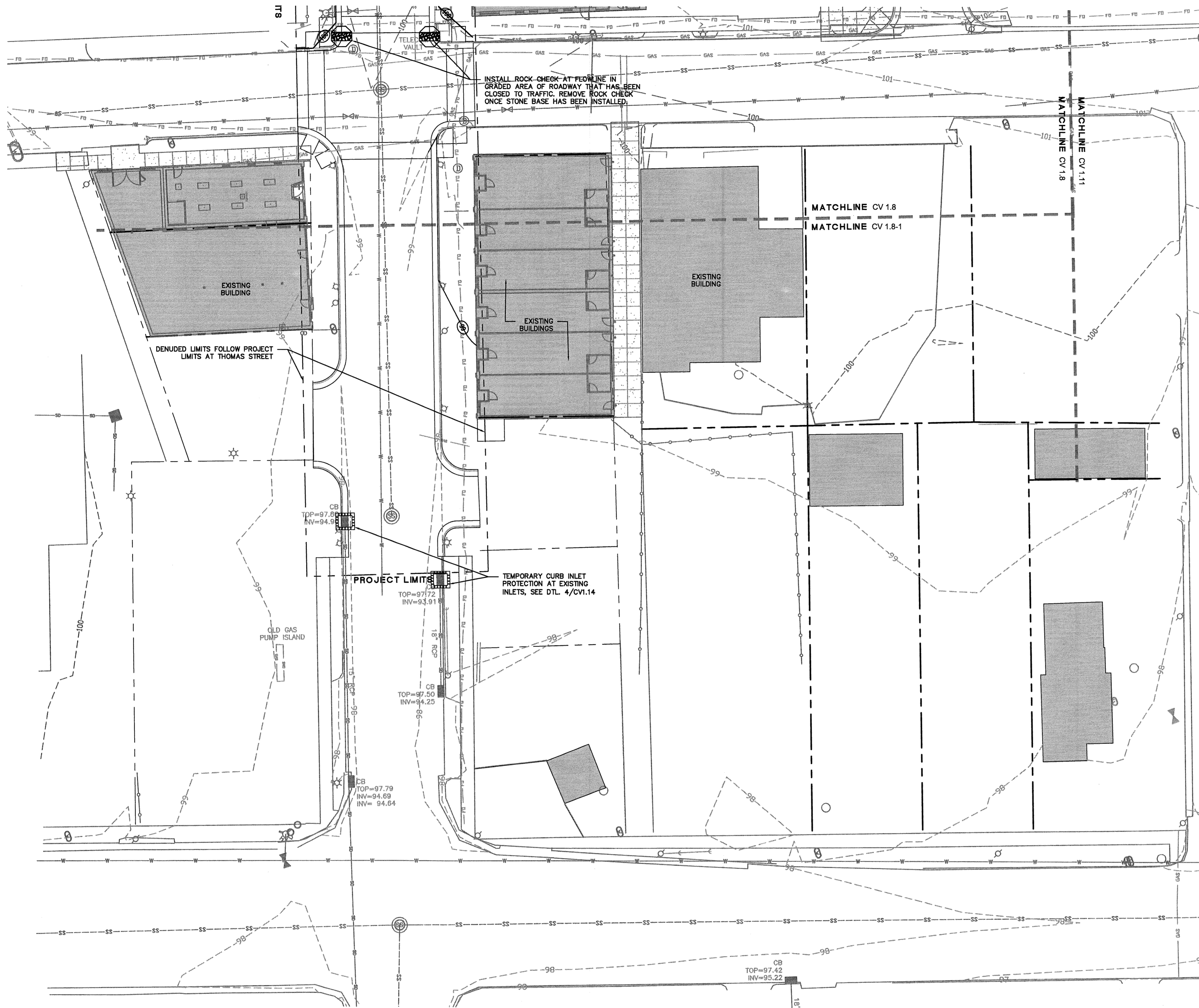
SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

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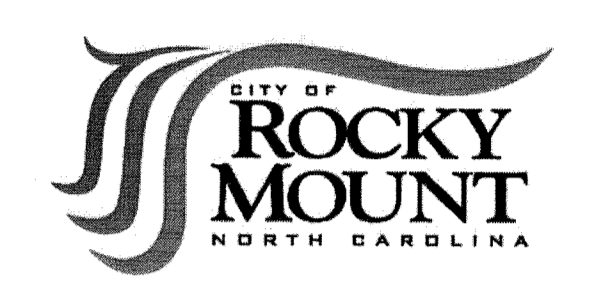
CV 1.8

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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV.14
	SILT FENCE 2 & 3/CV.14
	TREE PROTECTION FENCE 9/CV.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV.14
	CATCH BASIN INLET PROTECTION 7/CV.14
	ROCK CHECK DAM 5/CV.14



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

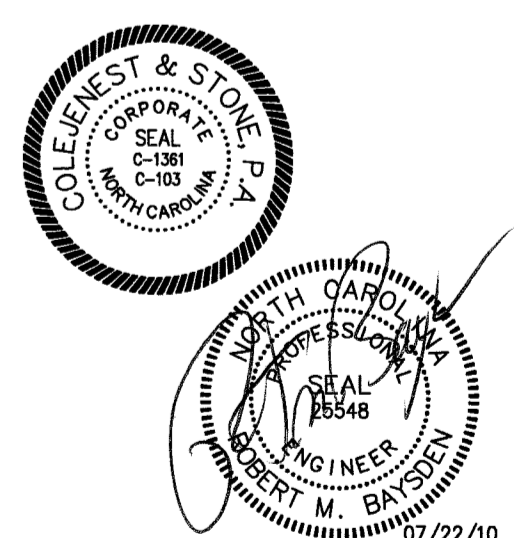
50219

ISSUED:

04.22.10

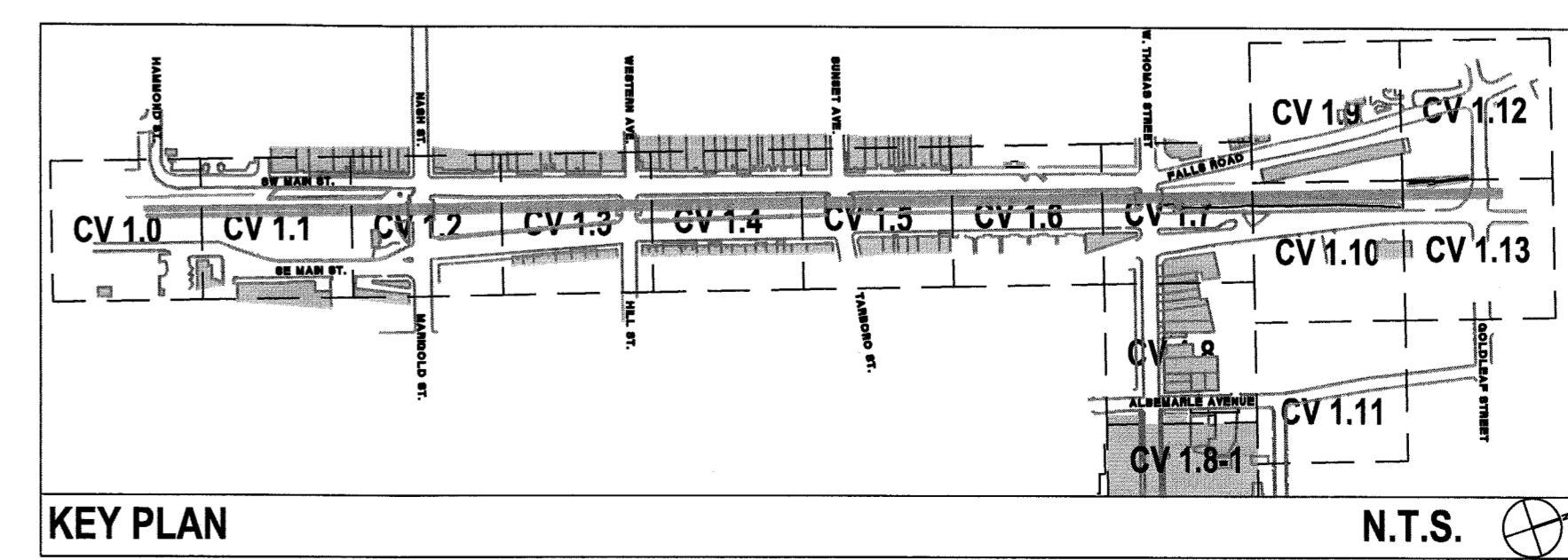
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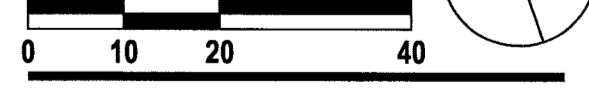


SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

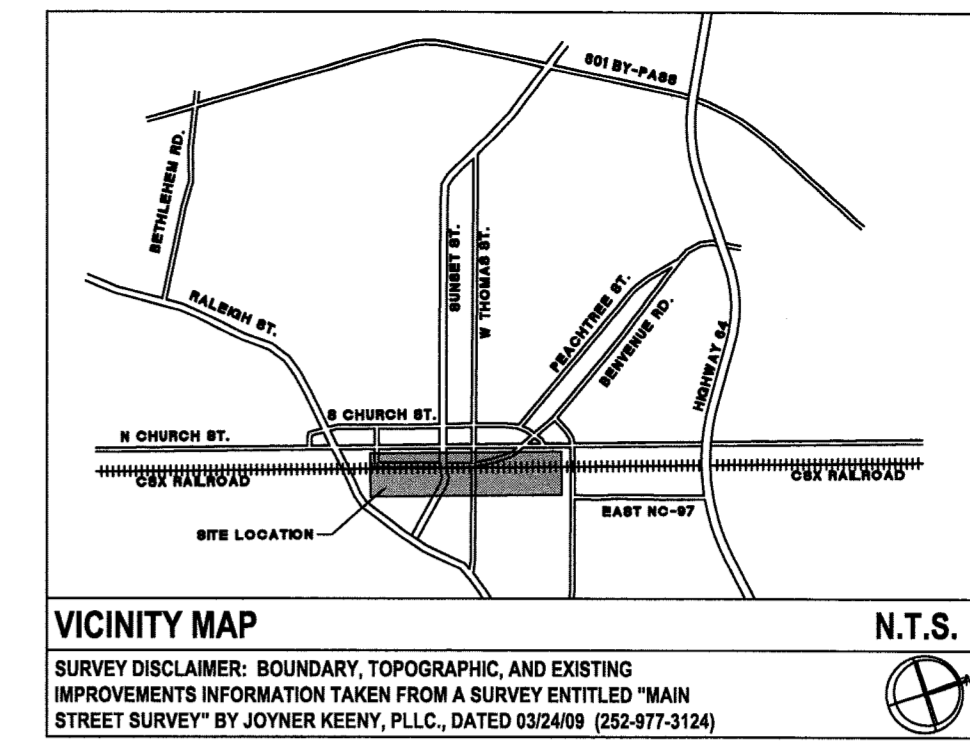
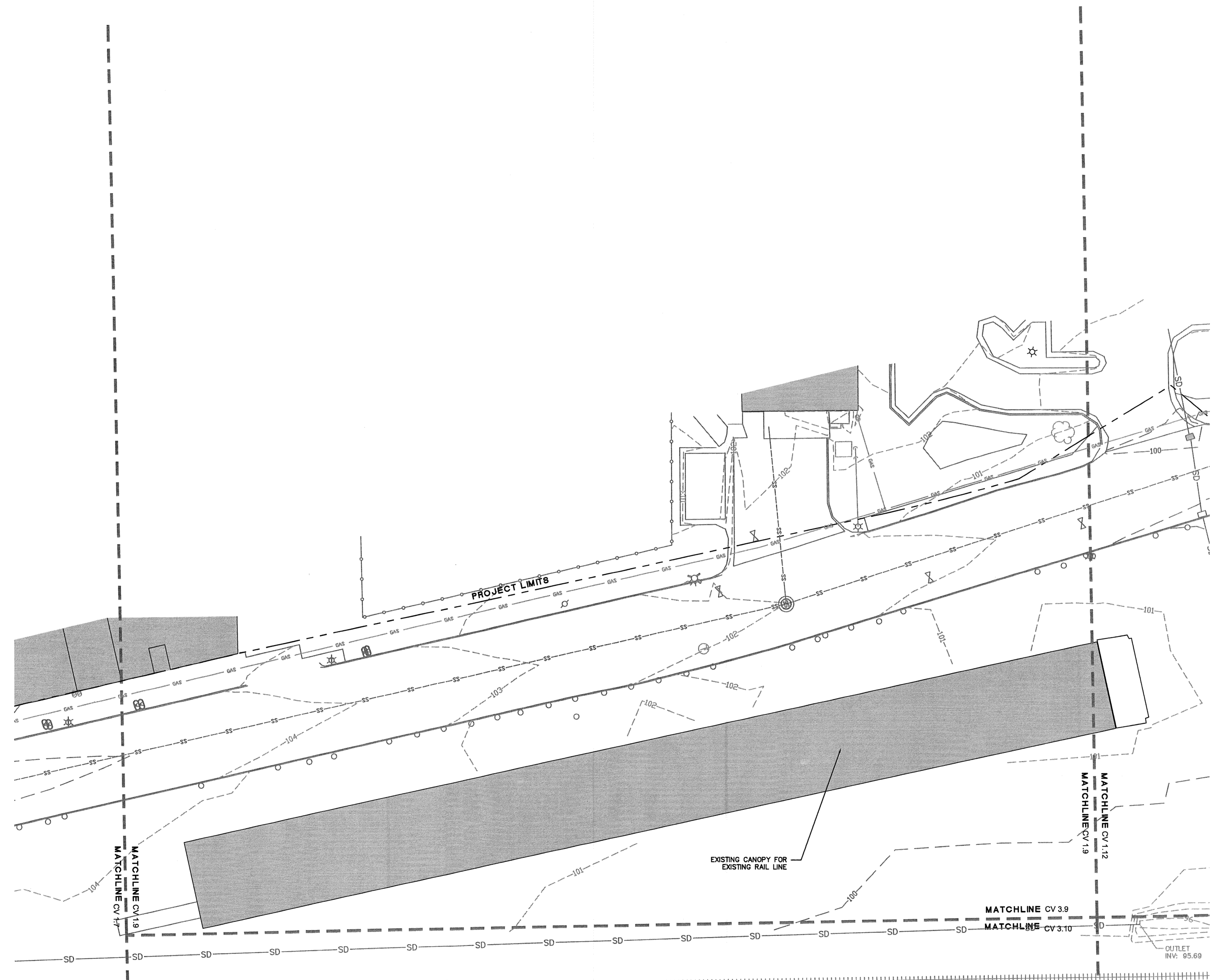


SCALE: 1"=20'



CV 1.8-1

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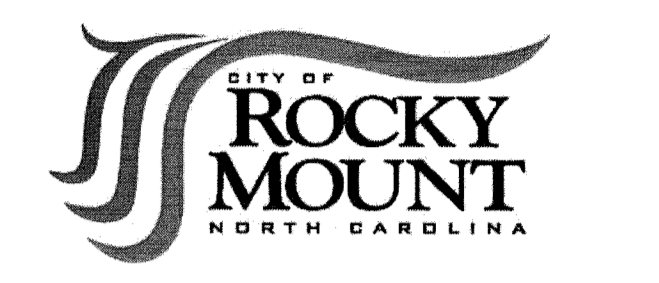
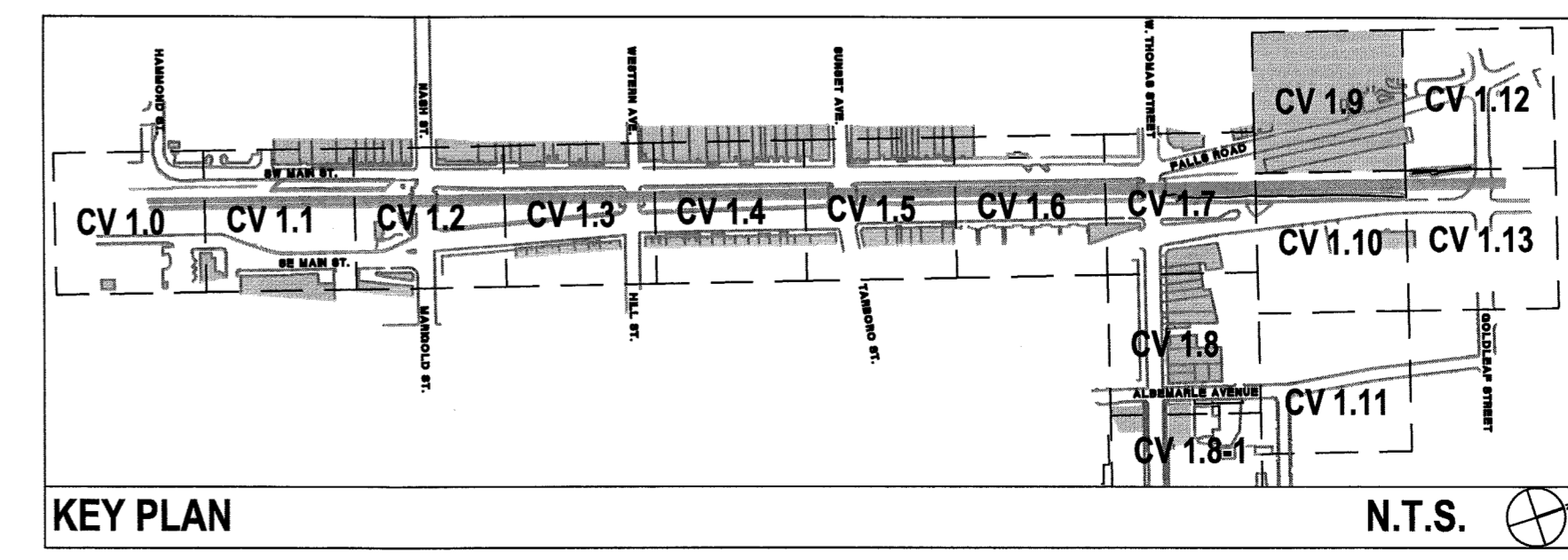
LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED --/
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV.14
	SILT FENCE 2 & 3/CV.14
	TREE PROTECTION FENCE 9/CV.14
	LIMITS OF DISTURBANCE --/
	EXISTING STORM DRAINAGE --/
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV.14
	PROPOSED STORM DRAINAGE --/
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV.14
	CATCH BASIN INLET PROTECTION 7/CV.14
	ROCK CHECK DAM 5/CV.14

**** FOR REFERENCE ONLY
NO NEW WORK THIS SHEET**

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**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

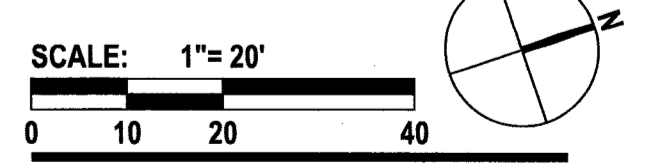
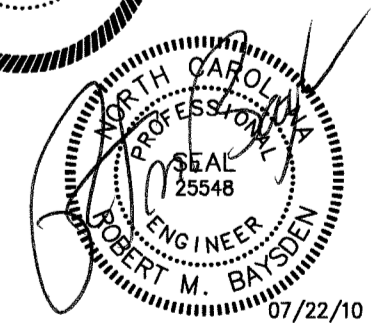
**EROSION
CONTROL PLAN**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

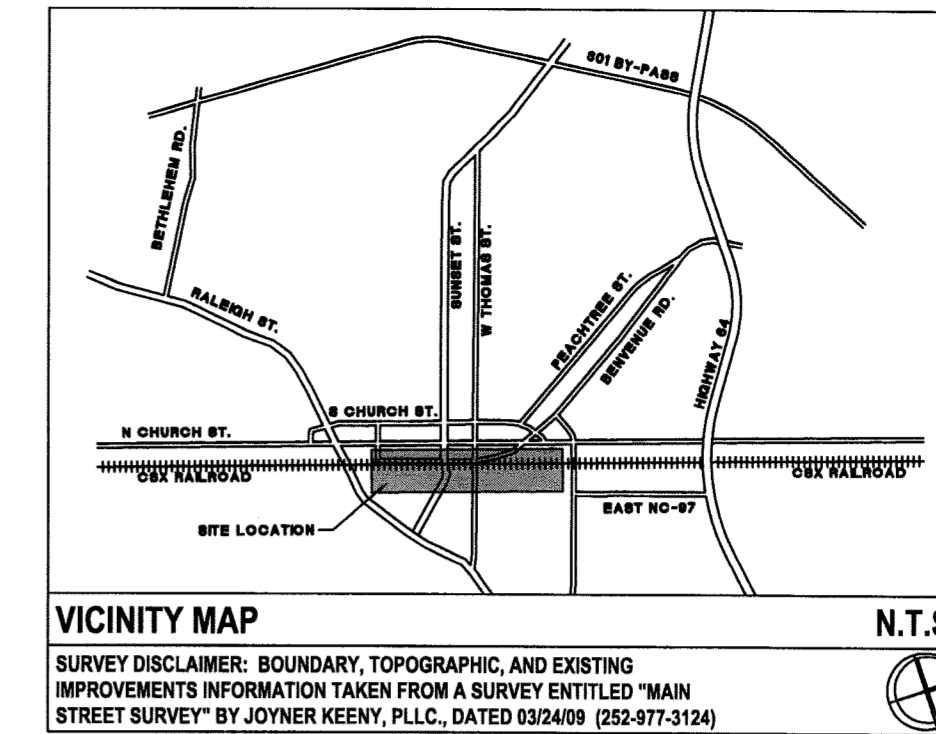
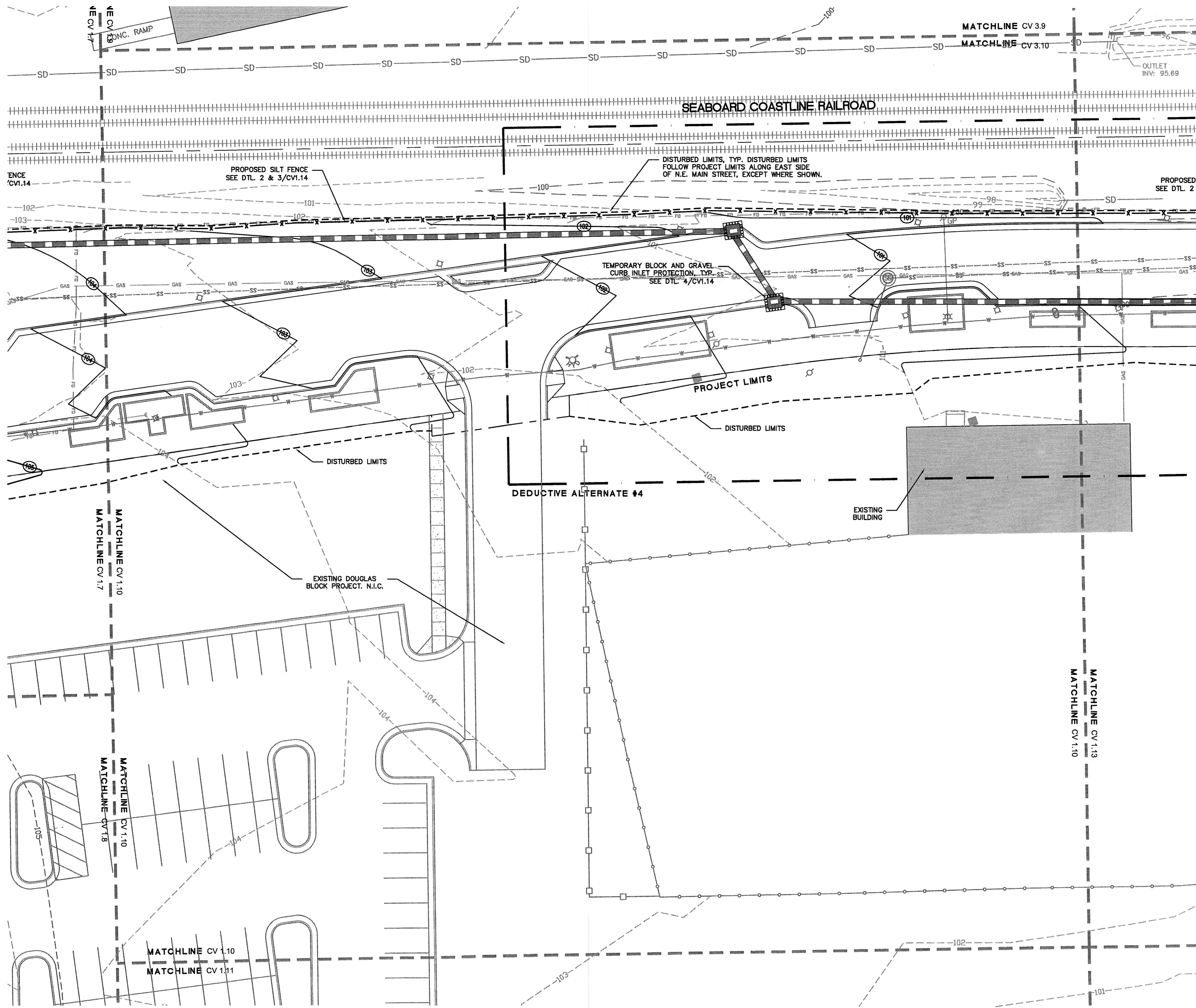
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CV 1.9

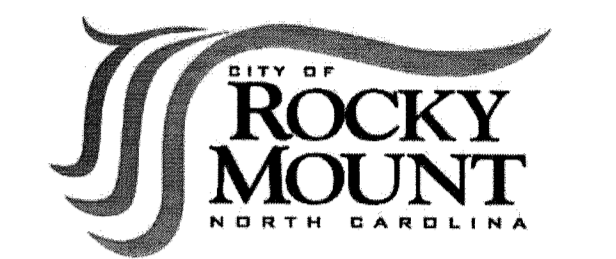
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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
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	TREE PROTECTION FENCE 9/CV.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV.14
	CATCH BASIN INLET PROTECTION 7/CV.14
	ROCK CHECK DAM 5/CV.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

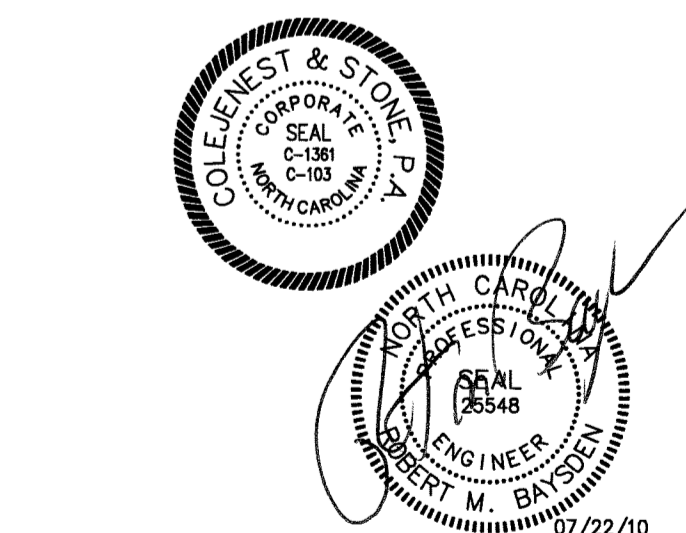
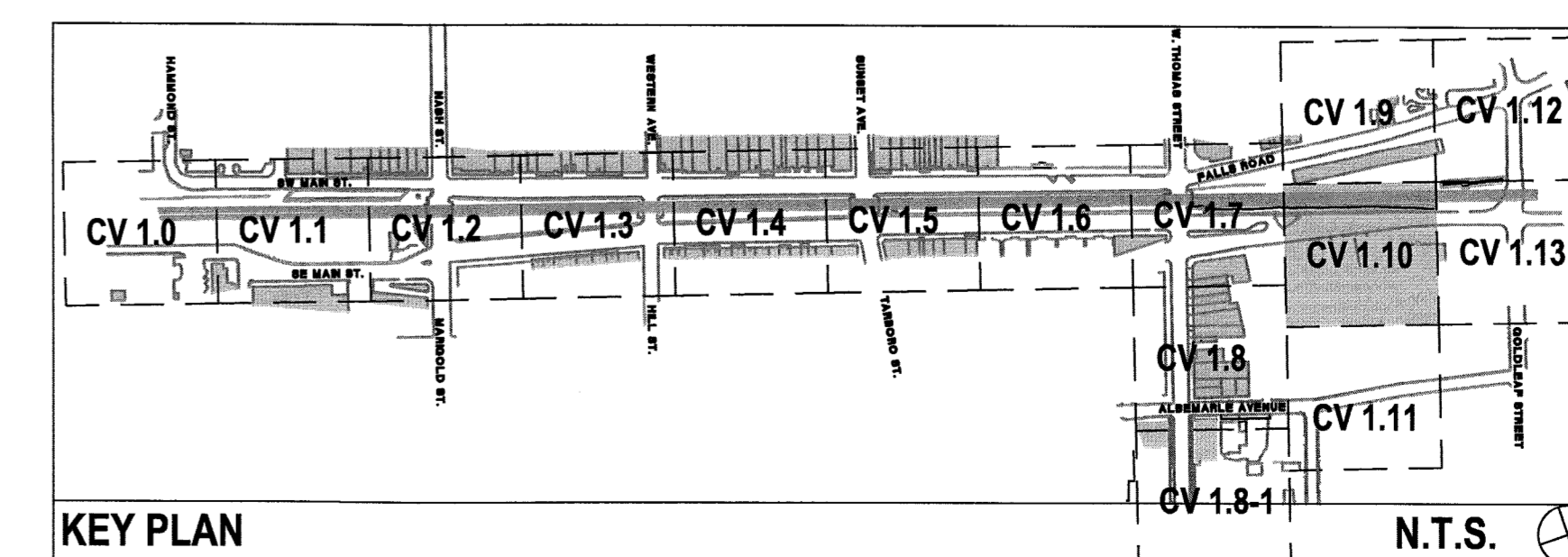
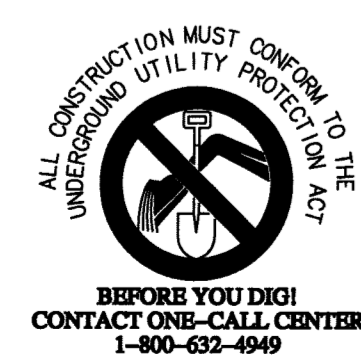
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

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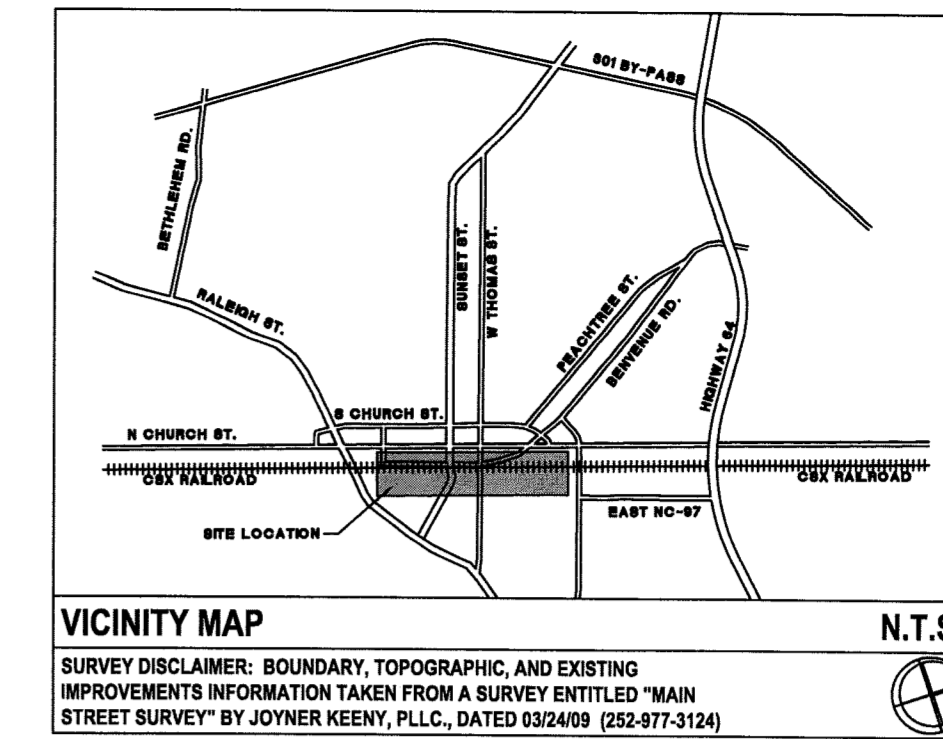
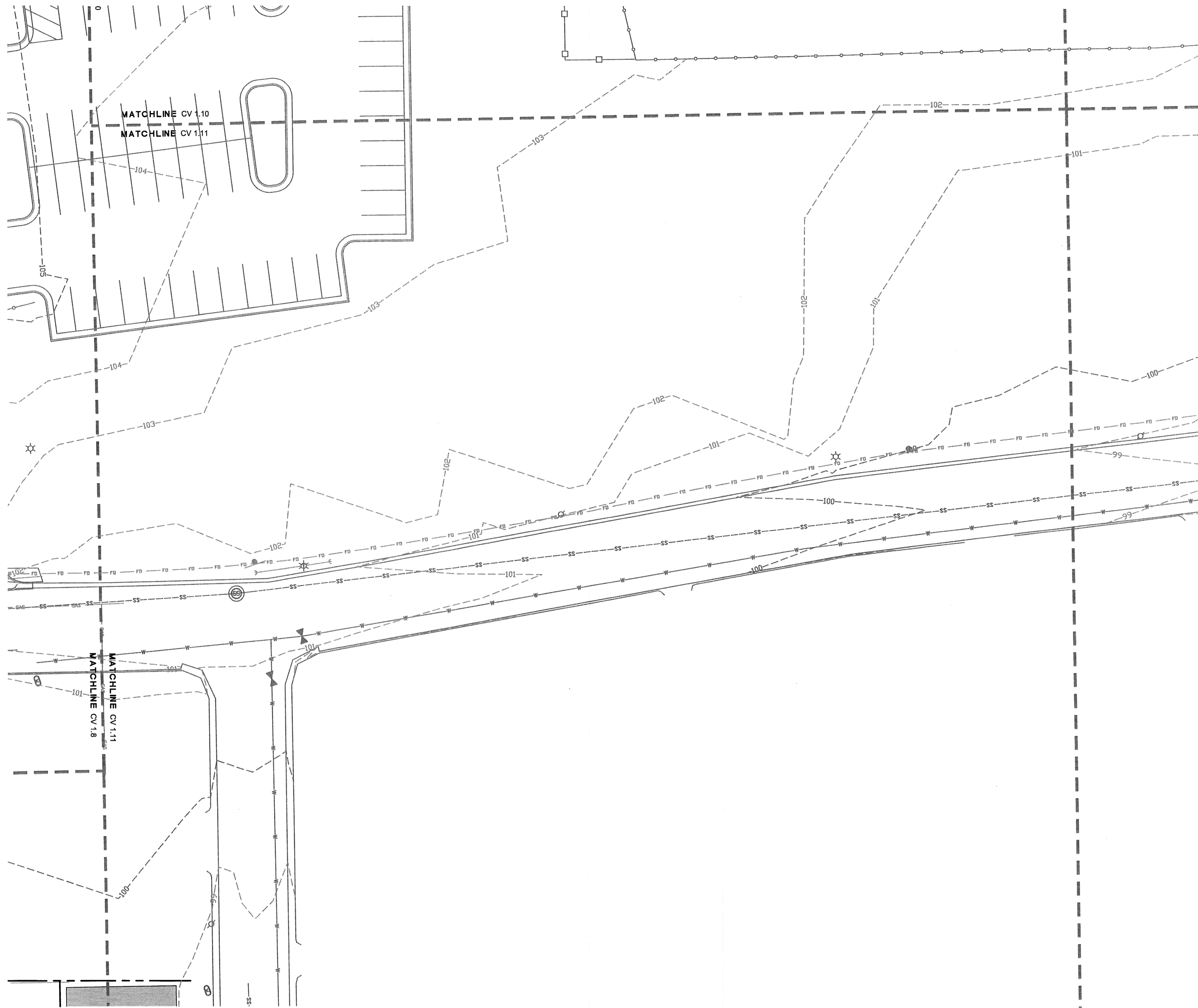
SCALE: 1"=20'



CV 1.10

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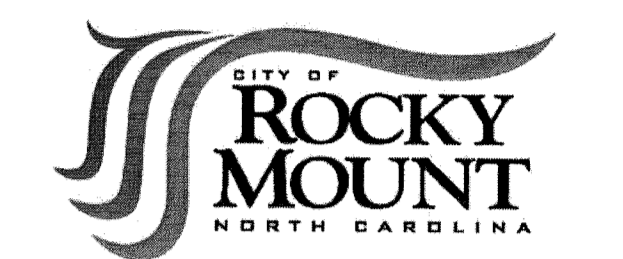
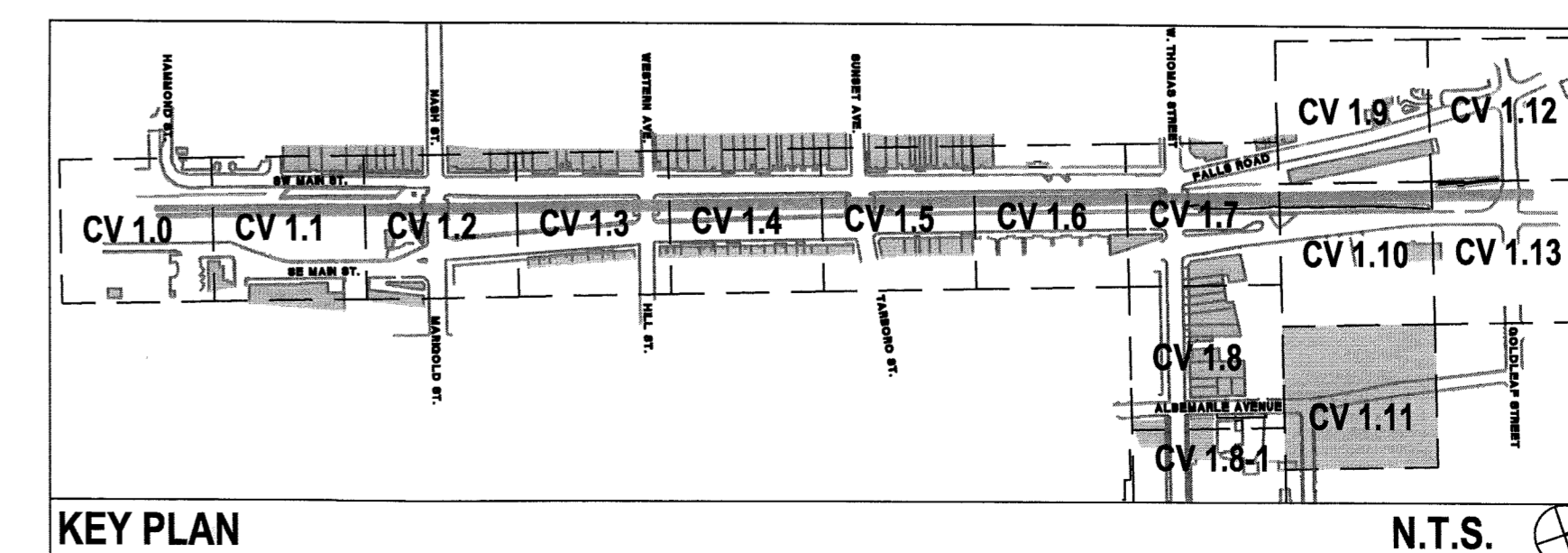
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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/ CV.1.4
	SILT FENCE 2 & 3/ CV.1.4
	TREE PROTECTION FENCE 9/ CV.1.4
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/ CV.1.4
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/ CV.1.4
	CATCH BASIN INLET PROTECTION 7/ CV.1.4
	ROCK CHECK DAM 5/ CV.1.4

**** FOR REFERENCE ONLY
NO NEW WORK THIS SHEET**



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**EROSION
CONTROL PLAN**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

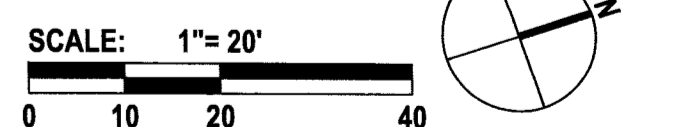
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

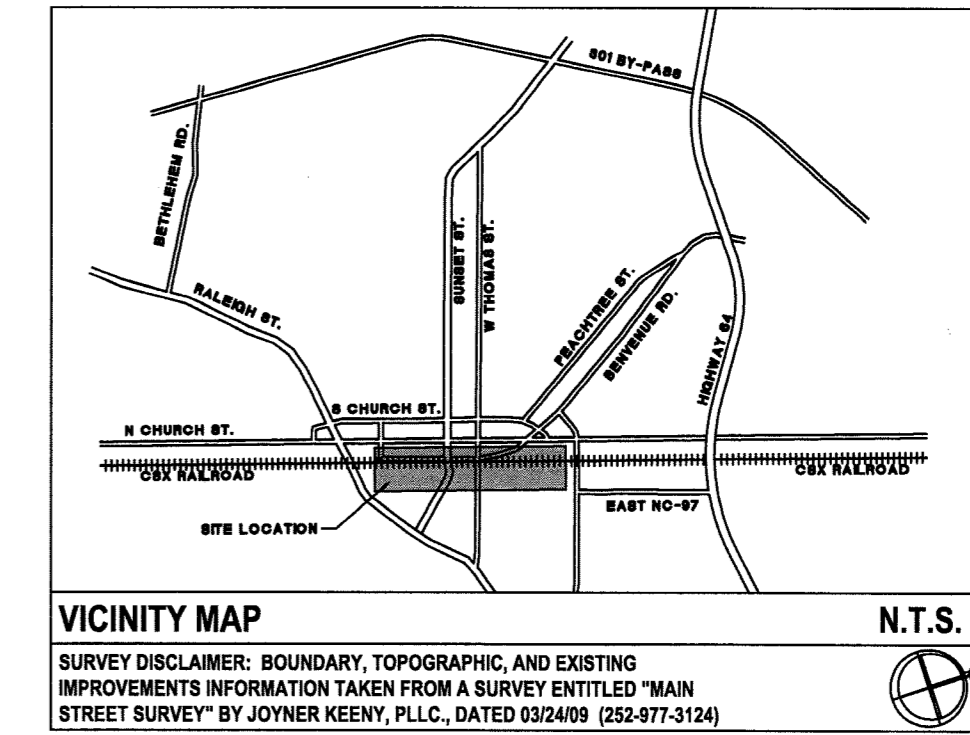
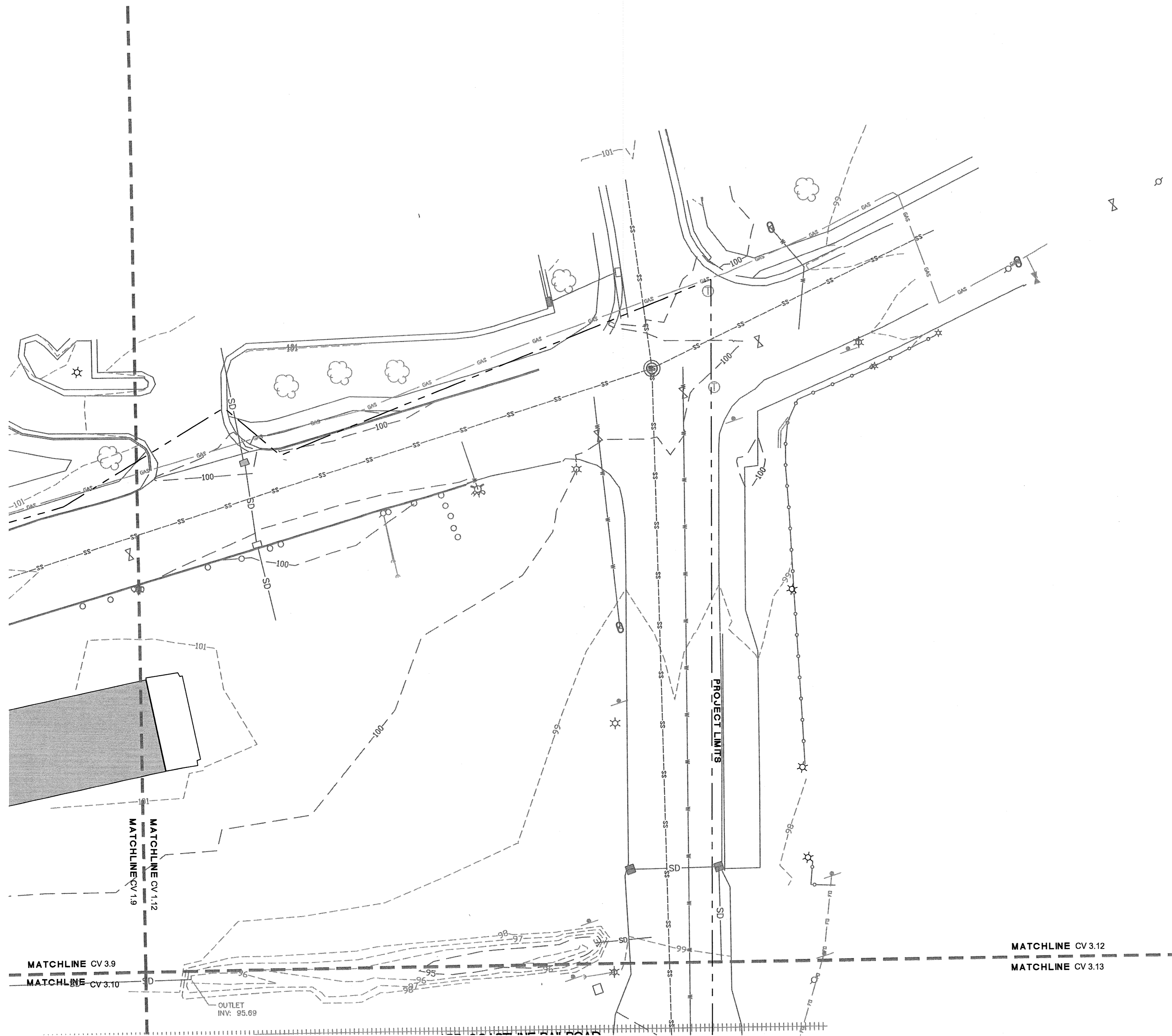
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CV 1.11

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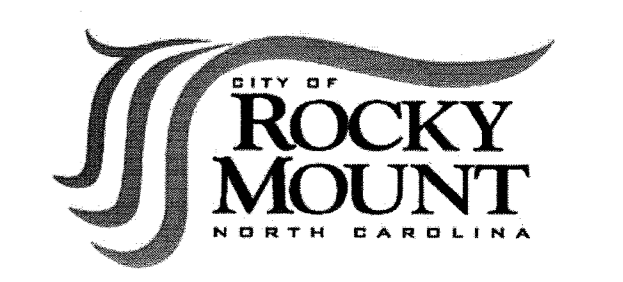
ColeJenest & Stone, P.A. 2008 ©



LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/ CV1.14
	SILT FENCE 2 & 3/ CV1.14
	TREE PROTECTION FENCE 9/ CV1.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/ CV1.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/ CV1.14
	CATCH BASIN INLET PROTECTION 7/ CV1.14
	ROCK CHECK DAM 5/ CV1.14

**** FOR REFERENCE ONLY
NO NEW WORK THIS SHEET**



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

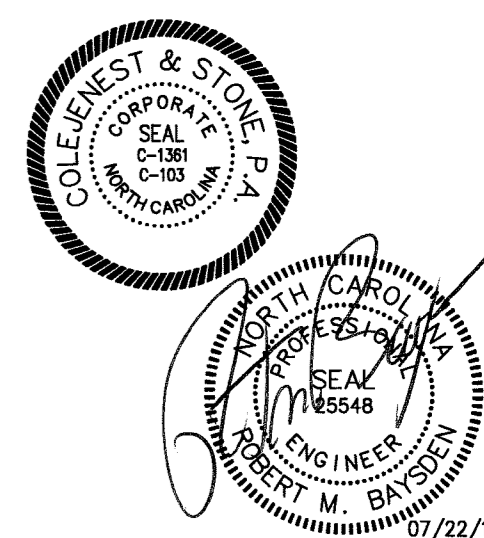
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ISSUED:

04.22.10

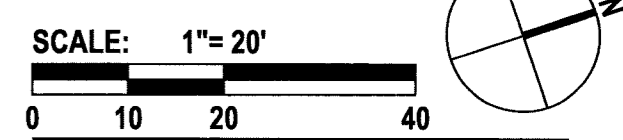
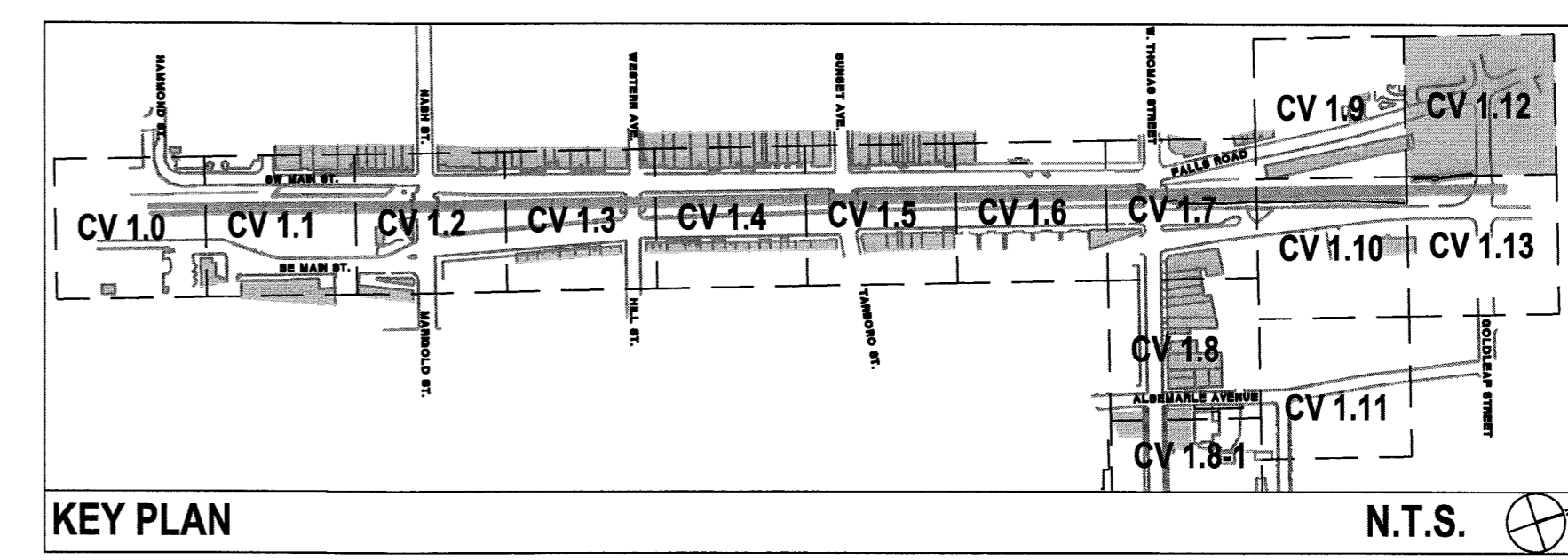
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

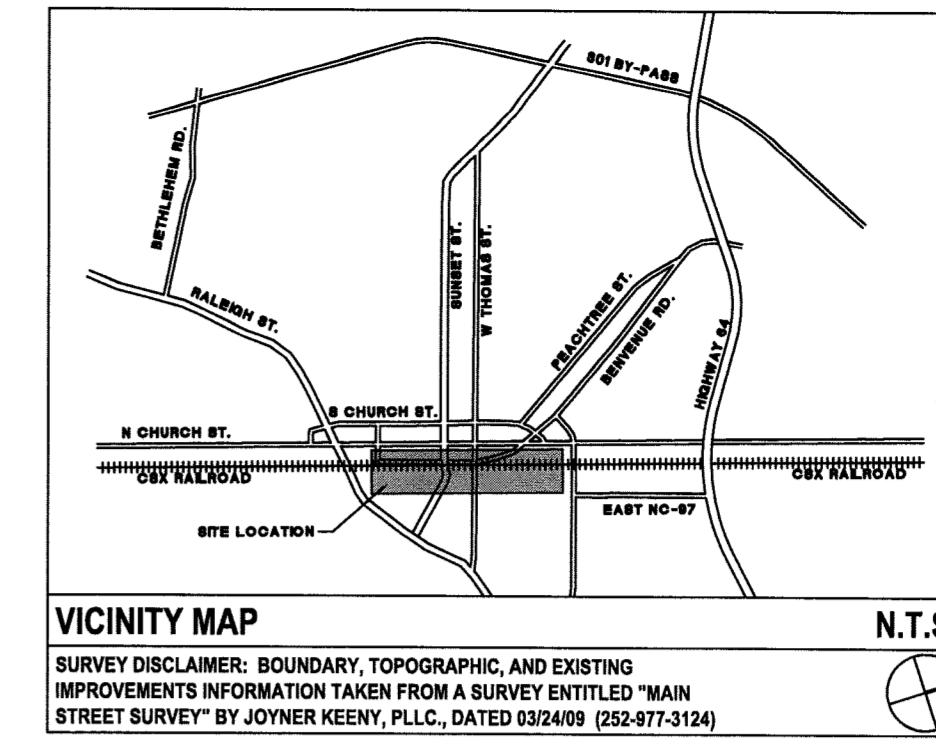
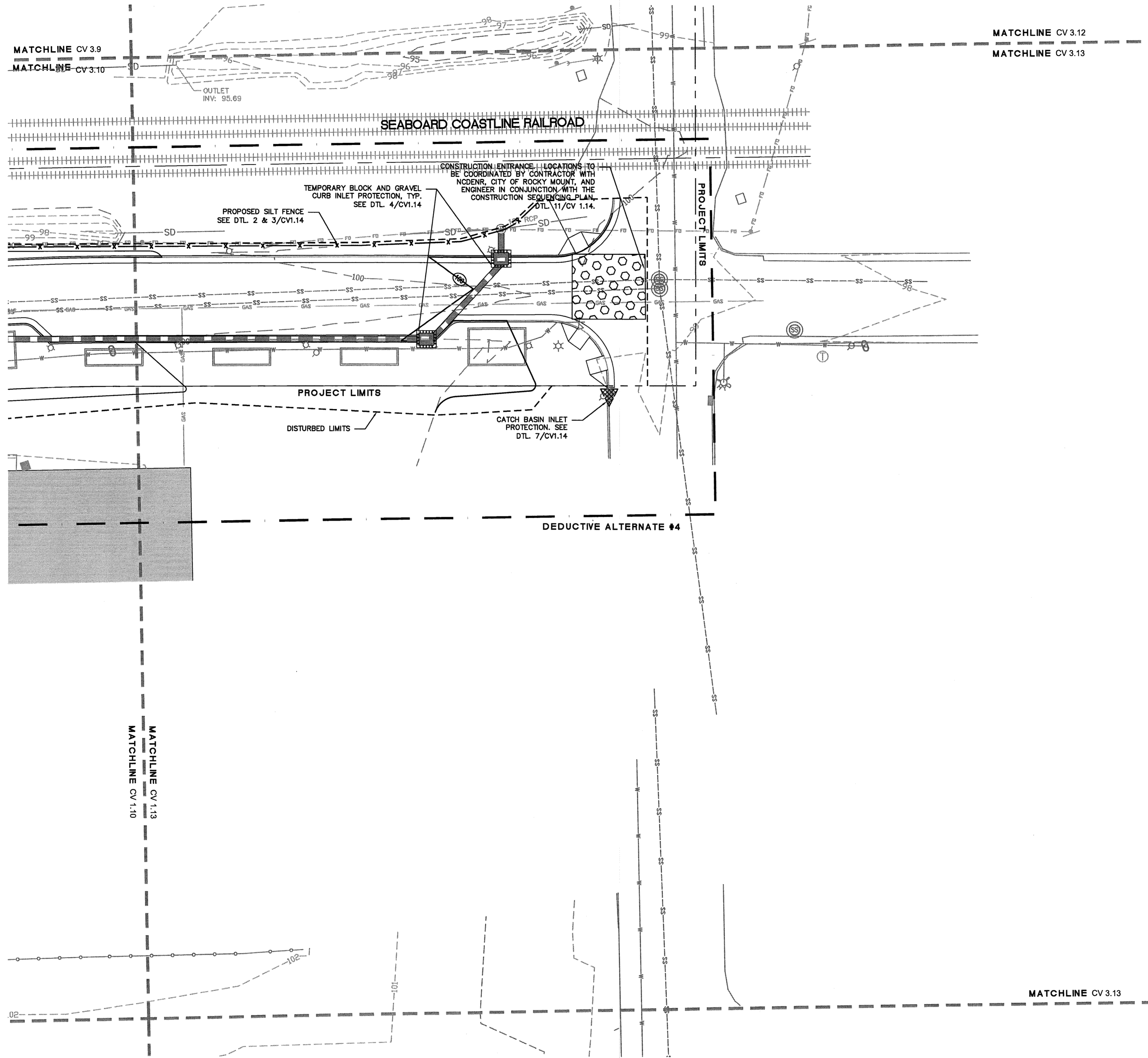
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CV 1.12

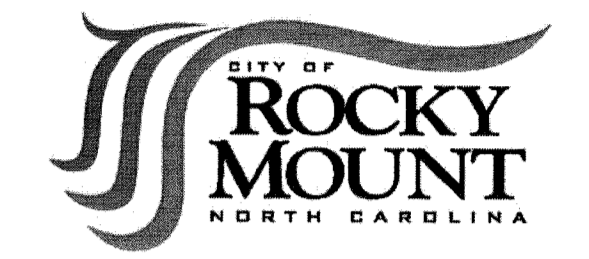
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LEGEND (EROSION CONTROL)

SYMBOL	DETAIL
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED SEE NOTE #8 ON DETAIL 1/CV.14
	SILT FENCE 2 & 3/CV.14
	TREE PROTECTION FENCE 9/CV.14
	LIMITS OF DISTURBANCE -/-
	EXISTING STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL DROP INLET PROTECTION 6/CV.14
	PROPOSED STORM DRAINAGE -/-
	TEMPORARY BLOCK AND GRAVEL CURB INLET PROTECTION 4/CV.14
	CATCH BASIN INLET PROTECTION 7/CV.14
	ROCK CHECK DAM 5/CV.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

EROSION CONTROL PLAN

PROJECT NUMBER:

50219

ISSUED:

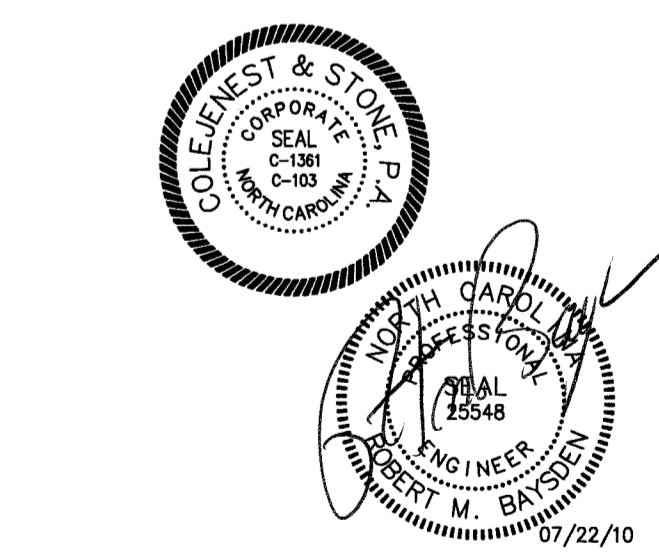
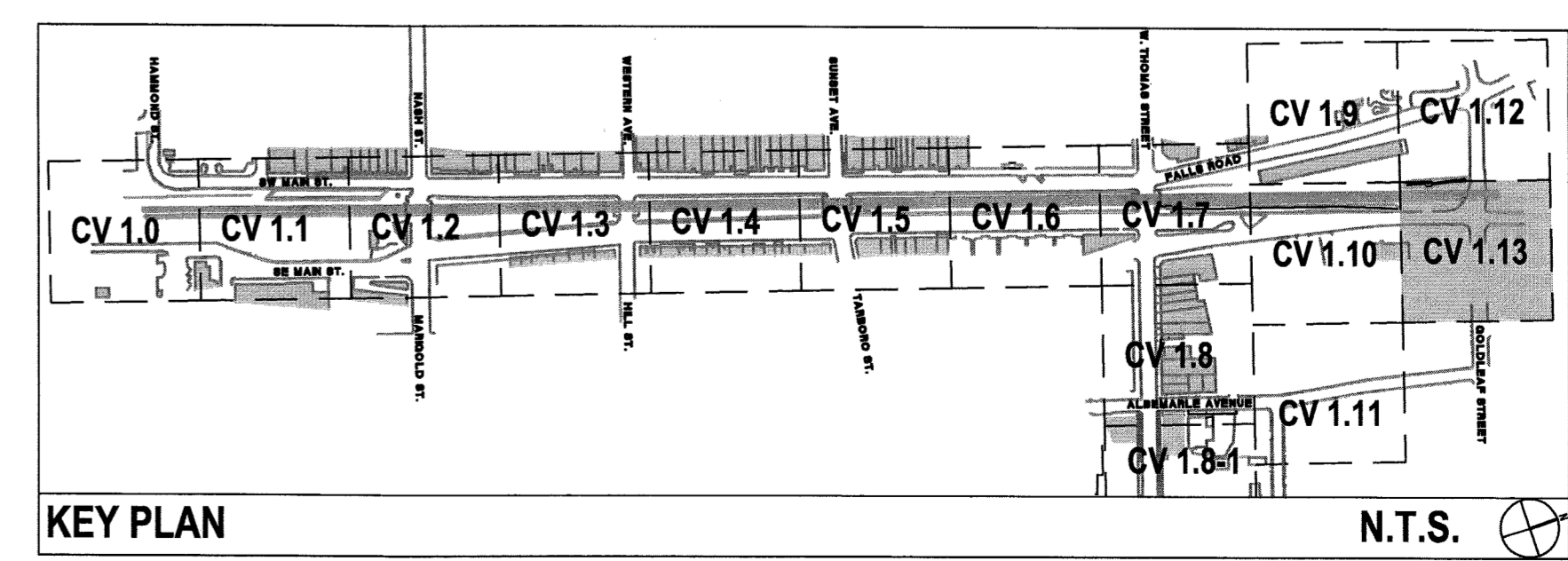
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SEE SHEET CV 1.14 FOR EROSION CONTROL NOTES.

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SCALE: 1"= 20'



CV 1.13

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SEEDING SPECIFICATIONS

3:1 SLOPES OR FLATTER:

1. APPLY AGRICULTURAL LIME AT THE RATE OF 90 LBS/1000 S.F.
2. APPLY 10-10-10 COMMERCIAL FERTILIZER AT THE RATE OF 20 LBS/1000 S.F.
3. SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

DATE:	TYPE:	PLANTING RATE:
AUG. 15 - NOV. 1	TALL FESCUE	300 LBS/AC OR 7 LBS/1000 S.F.
NOV. 1 - MAR. 1*	TALL FESCUE AND ABRUZZI RYE	300 LBS/AC OR 7 LBS/1000 S.F.
MAR. 1 - APR. 15	TALL FESCUE	25 LBS/AC OR 1/2 LB/1000 S.F.
APR. 15 - JUL. 30	MULLED COMMON BERMUDA GRASS	300 LBS/AC OR 7 LBS/1000 S.F.
JUL. 15 - AUG. 15	TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS	300 LBS/AC OR 7 LBS/1000 S.F.

4. MULCH WITH STRAW APPLIED AT THE RATE OF 2 TONS/ACRE.
- * HEAVILY MULCHED DURING JANUARY - MARCH PERIOD.

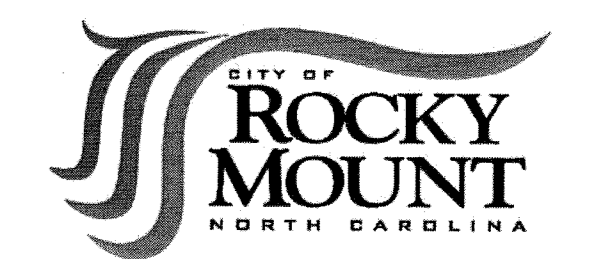
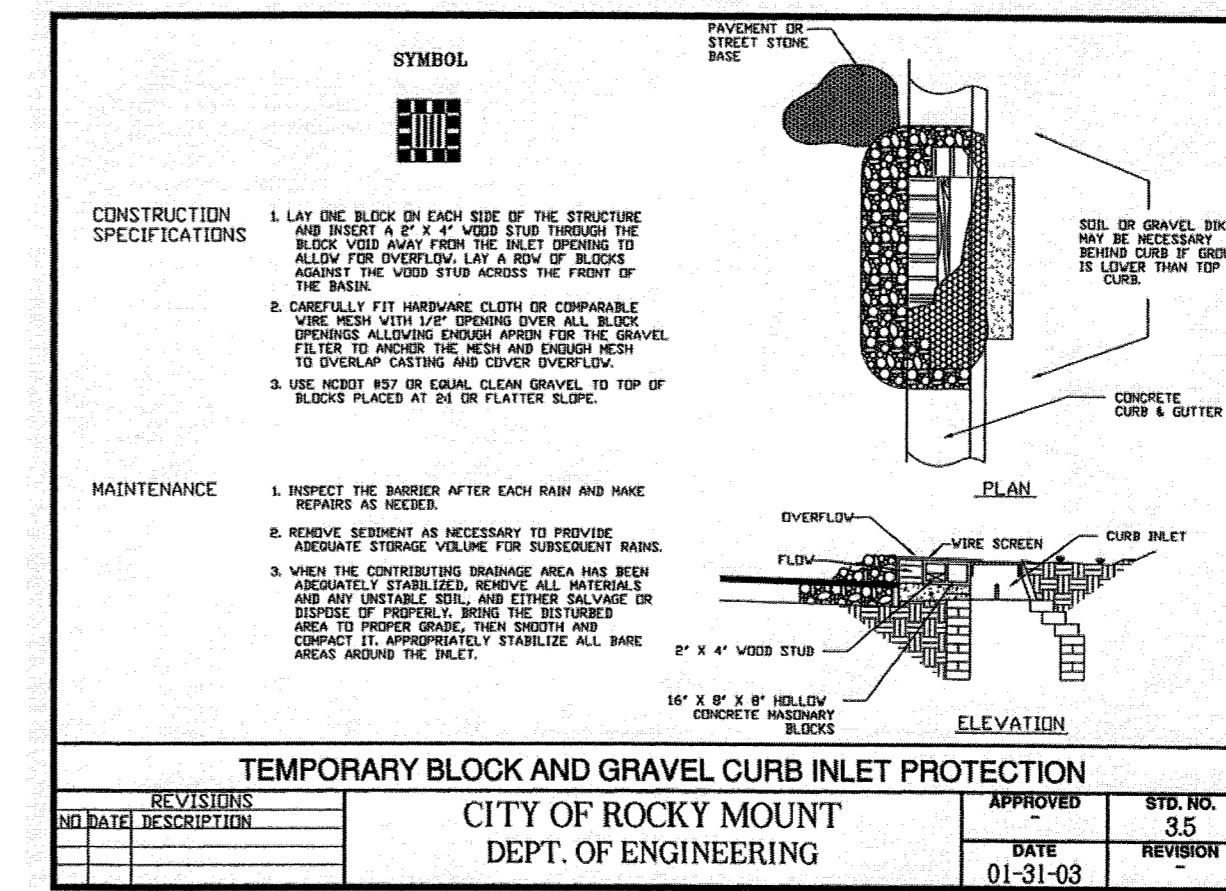
SLOPES GREATER THAN 3:1

1. APPLY AGRICULTURAL LIME AT THE RATE OF 90 LBS/1000 S.F.
2. APPLY 10-10-10 COMMERCIAL FERTILIZER AT THE RATE OF 20 LBS/1000 S.F.
3. SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE AND APPLICATION RATES:

DATE:	TYPE:	PLANTING RATE:
MAR. - JUN. 1	SERICEA LESPEDEZA (SCARIFIED) AND ADD TALL FESCUE	50 LBS/AC OR 1 1/2 LBS/1000 S.F.
MAR. - APR. 1	ADD TALL FESCUE	150 LBS/AC OR 3 1/2 LBS/1000 S.F.
MAR. - JUN.	OR ADD WEEPING LOVEGRASS	5 LBS/AC OR 1/8 LB/1000 S.F.
JUN. - SEPT. 1***	TALL FESCUE AND BROWN TOP MILLET OR SORGHUM SUDAN HYBRIDS	60 LBS/AC OR 1 1/2 LBS/1000 S.F.
SEPT. - MAR. 1	SERICEA LESPEDEZA (UNHULLED - UNSCARIFIED) TALL FESCUE RYE GRAIN	70 LBS/AC OR 3 1/4 LBS/1000 S.F.

4. MULCH WITH 6" STRAW APPLIED AT THE RATE OF 2 TONS/ACRE AND ANCHOR WITH ASPHALT EMULSION TACK COAT APPLIED AT THE RATE OF 14-28 GAL/1000 S.F. OR 800-1200 GAL/AC.

*** TEMPORARY RESEED SEPT. 1 AT RECOMMENDED RATES.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS

EROSION CONTROL

PROJECT NUMBER:

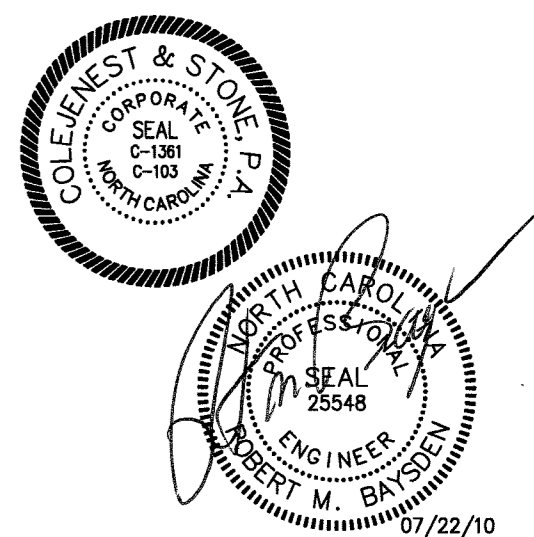
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
07.22.10	1	REVISIONS PER NCDENR COMMENTS
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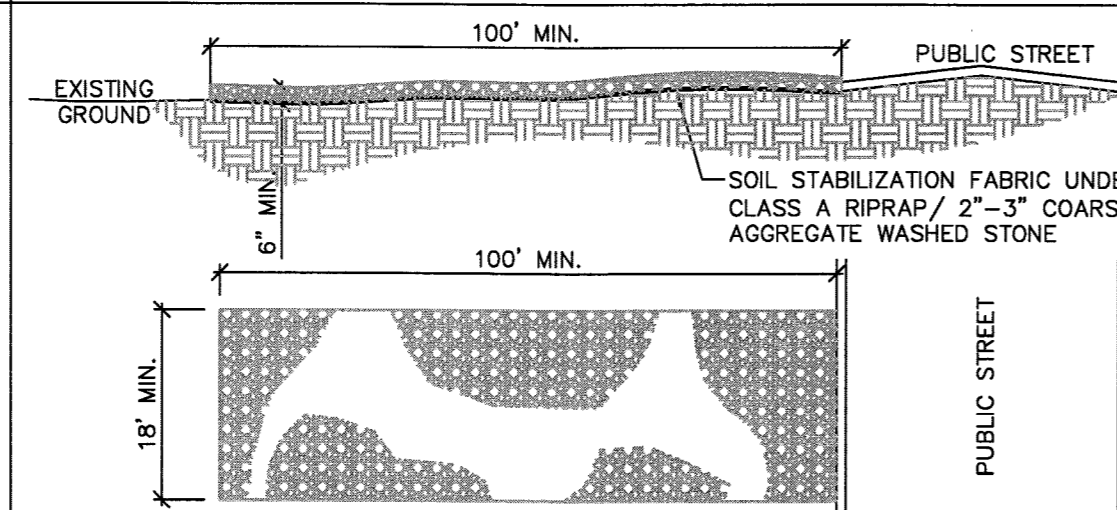


CV 1.14

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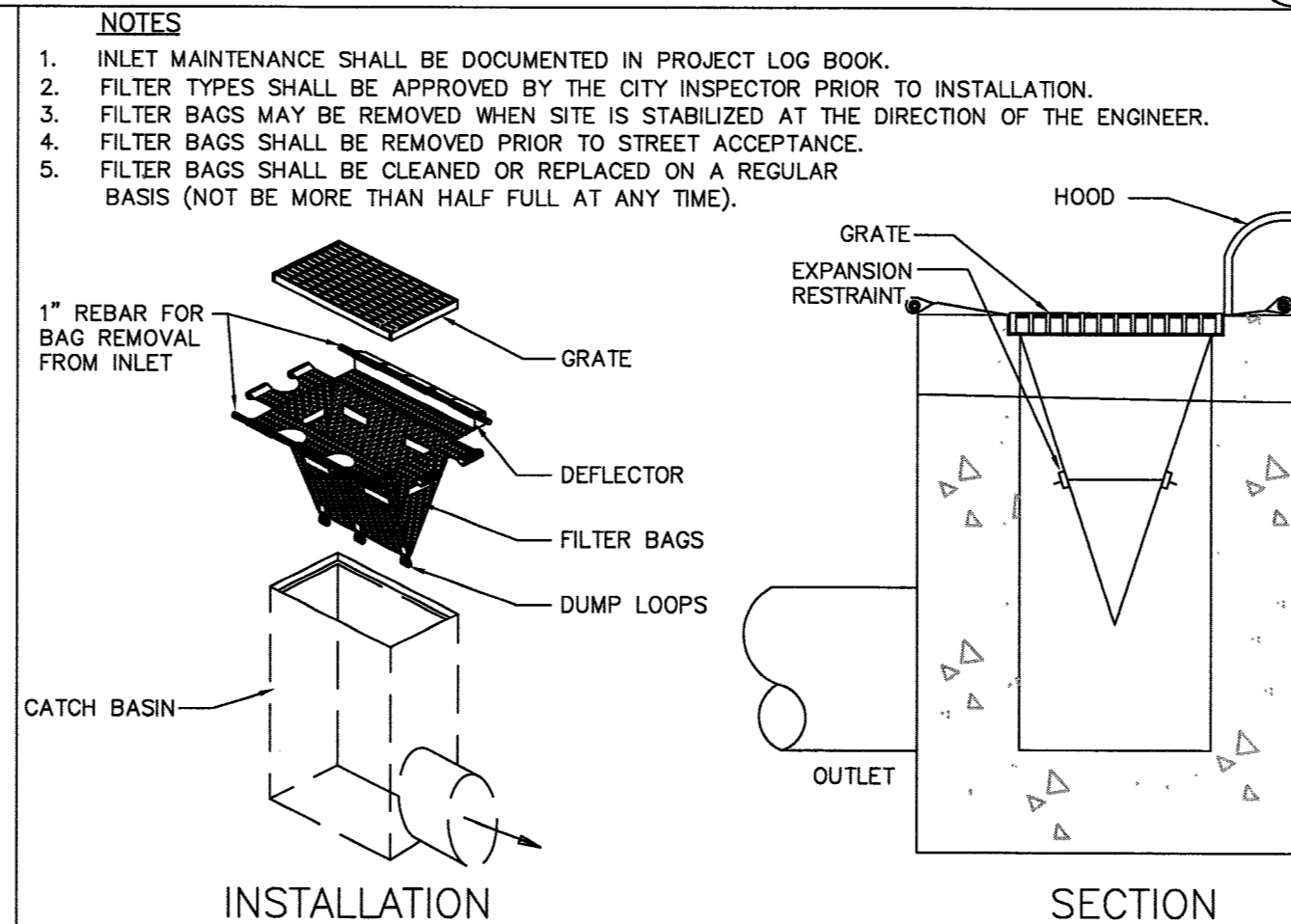
- NOTES:**
1. A STABILIZED ENTRANCE PAD OF #5 WASHED STONE OR RAIL ROAD BALLAST SHALL BE LOCATED WHERE TRAFFIC WILL ENTER OR LEAVE THE CONSTRUCTION SITE ONTO A PUBLIC STREET.
 2. FILTER FABRIC OR COMPACTED CRUSHER RUN STONE MAY BE USED AS A BASE FOR THE CONSTRUCTION ENTRANCE.
 3. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS OR EXISTING PAVEMENT. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS WARRANT AND REPAIR OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 4. ANY SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC STREETS MUST BE REMOVED IMMEDIATELY.
 5. NCDOT MAY REQUIRE A STANDARD COMMERCIAL DRIVEWAY TO ACCESS THE CONSTRUCTION SITE IF THE DRIVEWAY IS ON A THOROUGHFARE.

15

STABILIZED CONSTRUCTION ENTRANCE

N.T.S. 11

8

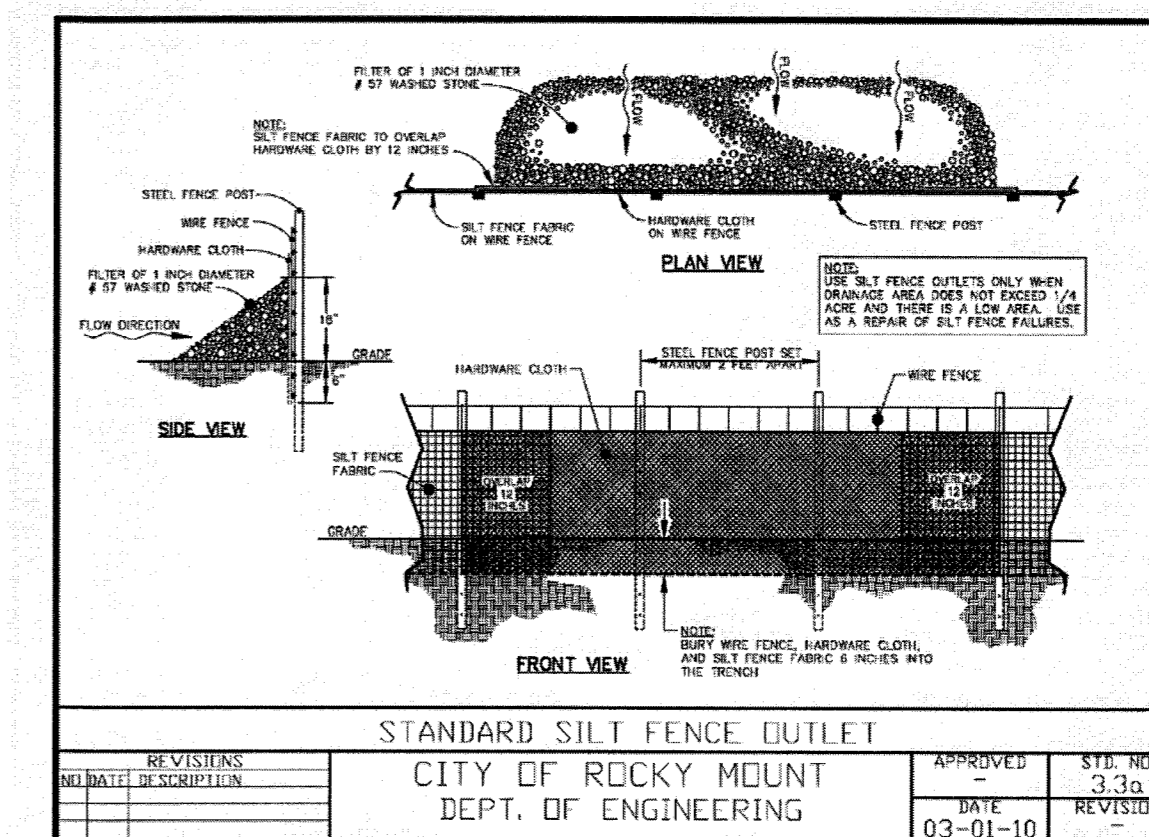


- NOTES**
1. INLET MAINTENANCE SHALL BE DOCUMENTED IN PROJECT LOG BOOK.
 2. FILTER TYPES SHALL BE APPROVED BY THE CITY INSPECTOR PRIOR TO INSTALLATION.
 3. FILTER BAGS MAY BE REMOVED WHEN SITE IS STABILIZED AT THE DIRECTION OF THE ENGINEER.
 4. FILTER BAGS SHALL BE REMOVED PRIOR TO STREET ACCEPTANCE.
 5. FILTER BAGS SHALL BE CLEANED OR REPLACED ON A REGULAR BASIS (NOT BE MORE THAN HALF FULL AT ANY TIME).

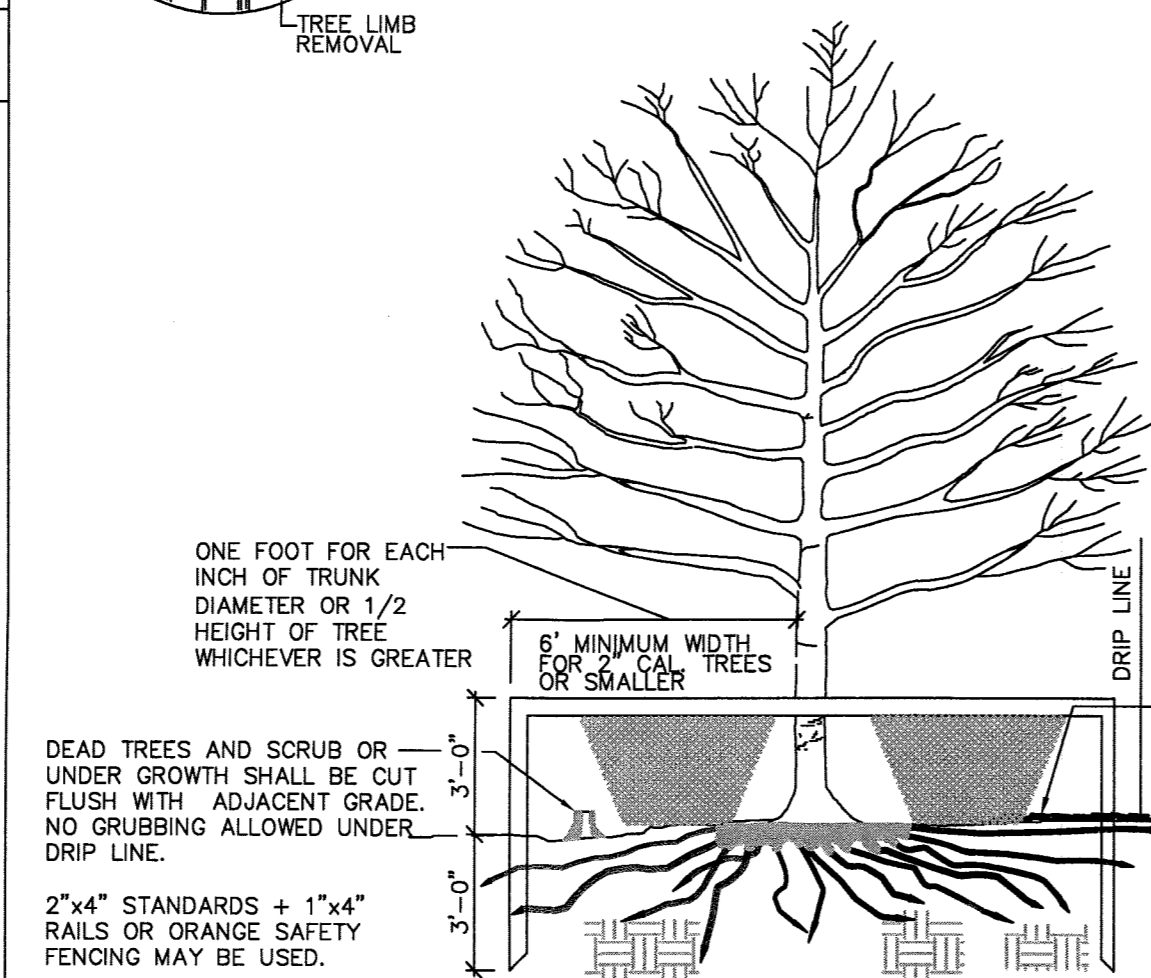
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CURB INLET PROTECTION

4



14

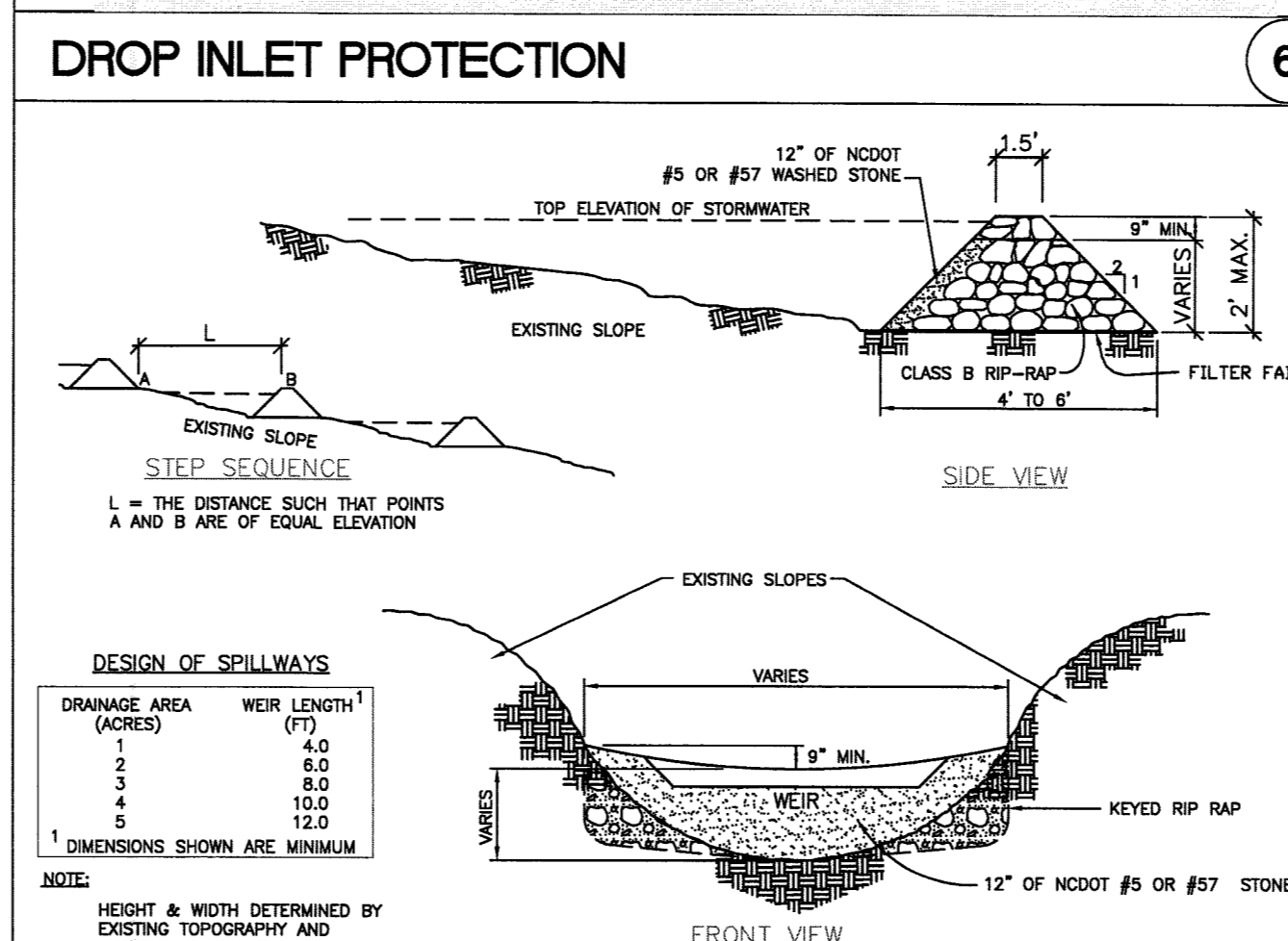


13

TREE PROTECTION DETAIL

N.T.S. 9

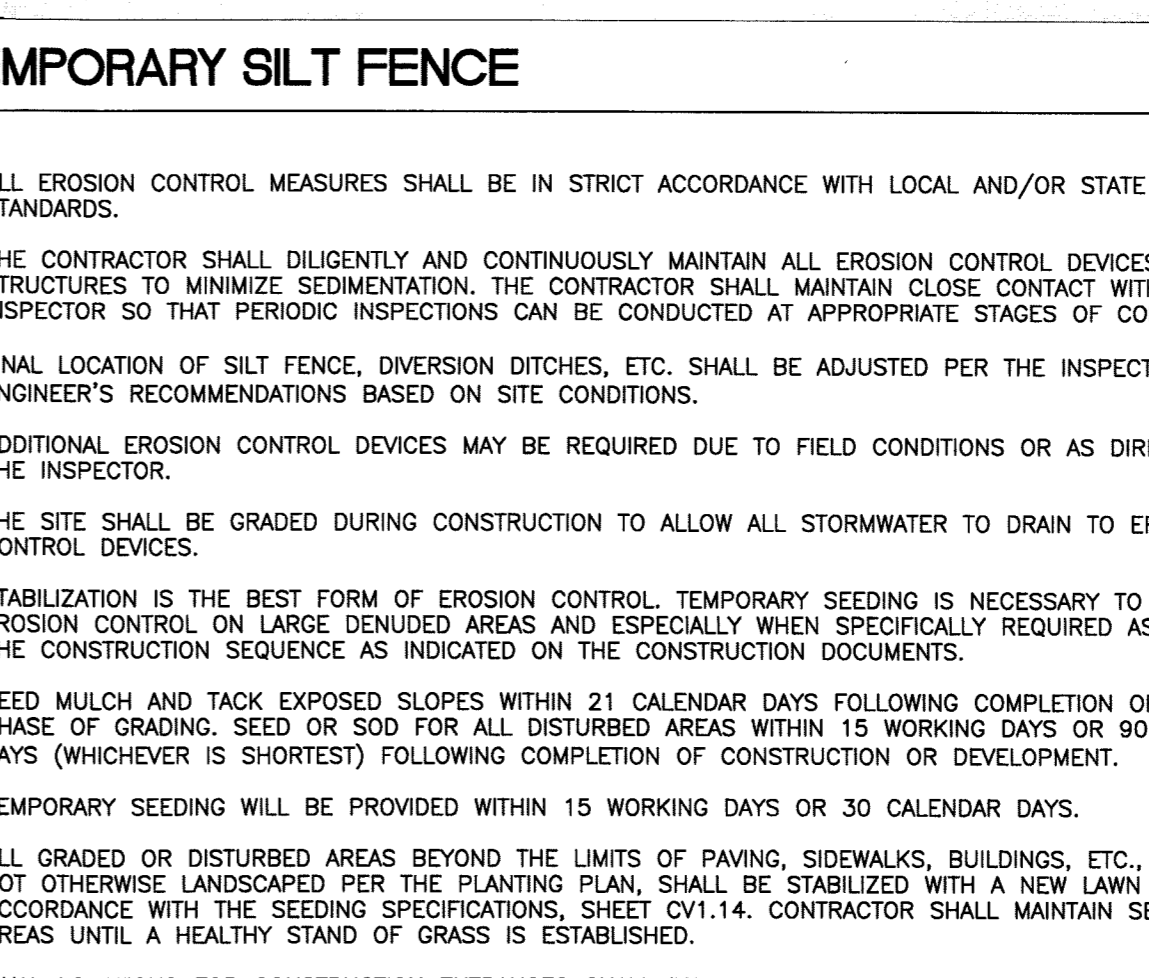
6



6

DROP INLET PROTECTION

2



1. ALL EROSION CONTROL MEASURES SHALL BE IN STRICT ACCORDANCE WITH LOCAL AND/OR STATE STANDARDS.
2. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE SEDIMENTATION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH INSPECTOR SO THAT PERIODIC INSPECTIONS CAN BE CONDUCTED AT APPROPRIATE STAGES OF CONSTRUCTION.
3. FINAL LOCATION OF SILT FENCE, DIVERSION DITCHES, ETC. SHALL BE ADJUSTED PER THE INSPECTOR'S AND ENGINEER'S RECOMMENDATIONS BASED ON SITE CONDITIONS.
4. ADDITIONAL EROSION CONTROL DEVICES MAY BE REQUIRED DUE TO FIELD CONDITIONS OR AS DIRECTED BY THE INSPECTOR.
5. THE SITE SHALL BE GRADED DURING CONSTRUCTION TO ALLOW ALL STORMWATER TO DRAIN TO EROSION CONTROL DEVICES.
6. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE AS INDICATED ON THE CONSTRUCTION DOCUMENTS.
7. SEED MULCH AND TACK EXPOSED SLOPES WITHIN 21 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING. SEED OR SOD FOR ALL DISTURBED AREAS WITHIN 15 WORKING DAYS OR 90 CALENDAR DAYS (WHICHEVER IS SHORTEST) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
8. TEMPORARY SEEDING WILL BE PROVIDED WITHIN 15 WORKING DAYS OR 30 CALENDAR DAYS.
9. ALL GRADED OR DISTURBED AREAS BEYOND THE LIMITS OF PAVING, SIDEWALKS, BUILDINGS, ETC., THAT ARE NOT OTHERWISE LANDSCAPED PER THE PLANTING PLAN, SHALL BE STABILIZED WITH A NEW LAWN SEED IN ACCORDANCE WITH THE SEEDING SPECIFICATIONS, SHEET CV.1.14. CONTRACTOR SHALL MAINTAIN SEEDED AREAS UNTIL A HEALTHY STAND OF GRASS IS ESTABLISHED.
10. FINAL LOCATIONS FOR CONSTRUCTION ENTRANCES SHALL BE COORDINATED BY THE CONTRACTOR WITH NCDENR, THE CITY OF ROCKY MOUNT, AND THE ENGINEER IN CONJUNCTION WITH THE CONSTRUCTION SEQUENCING PLAN AS THE PROJECT PROGRESSES.

5

EROSION CONTROL NOTES

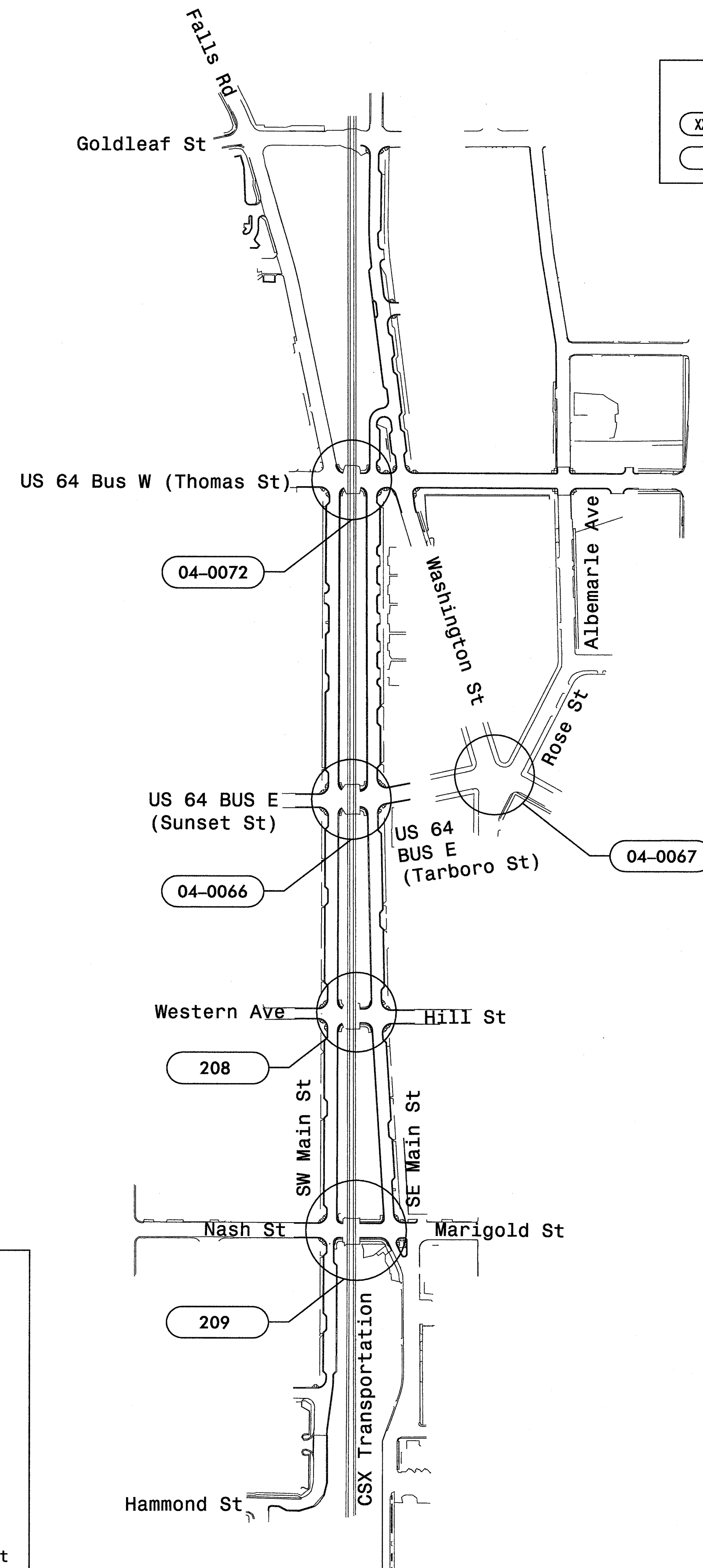
1

TEMPORARY ROCK CHECK DAM

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards as appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
1705.01	SIGNAL HEADS
1705.02	SIGNAL HEADS
1715.01	UNDERGROUND CONDUIT
1716.01	JUNCTION BOXES
1743.01	SIGNAL PEDESTALS



LEGEND

XX-XXXX NCDOT SIGNAL INVENTORY NUMBER
 XXX CITY OF ROCKY MOUNT SIGNAL INVENTORY NUMBER

Harris & Associates, Inc. Construction Consultants
 Irrigation
 MORTAR&ink
 elm
HNTB
 ColeJenest & Stone
CITY OF ROCKY MOUNT
 NORTH CAROLINA

URBAN STREETSCAPE
 PLAN FOR DOWNTOWN
 ROCKY MOUNT
 MAIN STREET
 ISSUED FOR BIDDING

SIGNAL PLAN TITLE SHEET

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

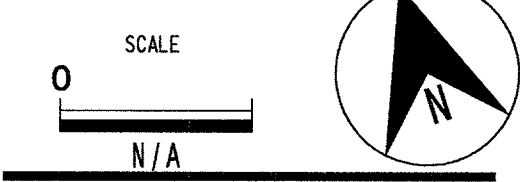
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INDEX OF PLANS

SHEET NUMBER	SIGNAL INVENTORY NUMBER	LOCATION / DESCRIPTION
CV 10.0		Title Sheet
CV 10.1		Signal Plan General Notes and Quantities
CV 10.2-10.6	209	Nash St/Marigold St at Main St
CV 10.7-10.11	208	Hill St/Western Ave at Main St
CV 10.12-10.15	04-0066	US 64 Bus E (Sunset Ave/Tarboro St) at Main St
CV 10.16-10.19	04-0072	US 64 Bus W (Thomas St) at Main St
CV 10.20-10.21	04-0067	US 64 Bus E (Tarboro St) at Rose St/Washington St
CV 10.22-10.24		Inductive Loop Details



Asha M. Rodejick 4-22-10
 SIGNATURE DATE



CV 10.0

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Prepared by:
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 Raleigh, North Carolina 27609
 NC License No: C-1554

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SIGNAL QUANTITIES ▽

Description	Unit	209	208	04-0066	04-0072	04-0067	Total
MODIFY ELECTRICAL SERVICE	EA	1		1			2
VEHICLE SIGNAL HEAD (12", 3 SECTION)	EA	5				3	8
VEHICLE SIGNAL HEAD (12", 4 SECTION)	EA					1	1
PEDESTRIAN SIGNAL HEAD (16", COUNTDOWN)	EA	6	12	12	18	10	58
SIGNAL CABLE	LF	710	4040	3500	5770	1730	15750
EV CABLE	LF		85				85
VEHICLE SIGNAL HEAD (12", 3 SECTION) WITH MULTIPLE OPTICALLY PROGRAMMED SECTIONS	EA		2				2
UNPAVED TRENCHING (4) (1-1/2")	LF				100		100
UNPAVED TRENCHING (5) (1-1/2")	LF			120			120
UNPAVED TRENCHING (7) (1-1/2")	LF	110	130				240
UNPAVED TRENCHING (1) (2")	LF				10	20	30
UNPAVED TRENCHING (2) (2")	LF	20					20
UNPAVED TRENCHING (3) (2")	LF		70	40	10		120
UNPAVED TRENCHING (5) (2")	LF		10	10			20
UNPAVED TRENCHING (11) (2")	LF	20	40	30	10		100
UNPAVED TRENCHING (13) (2")	LF	90					90
UNPAVED TRENCHING (14) (2")	LF				90		90
UNPAVED TRENCHING (16) (2")	LF		90	90			180
UNPAVED TRENCHING (1) (4")	LF	90	90	90	90		360
DIRECTIONAL DRILL (1) (2")	LF	10	80	50	70		210
DIRECTIONAL DRILL (2) (2")	LF	340	60	70	230		700
DIRECTIONAL DRILL (3) (2")	LF	150	280	310	310		1050
BORE AND JACK (1) (16")	LF	90	90	90	90		360
JUNCTION BOX (STANDARD SIZE)	EA	5	12	9	10	1	37
JUNCTION BOX (OVERSIZED, HEAVY-DUTY)	EA	6	5	4	3		18
JUNCTION BOX (SPECIAL-SIZED, HEAVY-DUTY)	EA	1	1	1	1		4
MANHOLES (5' DIAMETER)	EA	2	2	2	2		8
ELECTRICAL CONDUIT JUNCTION BOX	EA	2	2	2	2		8
1" RISER WITH WEATHERHEAD	EA					8	8
2" RISER WITH WEATHERHEAD	EA					2	2
INDUCTIVE LOOP SAWCUT	LF	290	430	430	570		1720
LEAD-IN CABLE (14-2)	LF	230	690	970	580		2470
METAL POLE WITH DUAL MAST ARM	EA	1					1
SOIL TEST	EA	1					1
DRILLED PIER FOUNDATION	CY	8					8
METAL POLE WITH DUAL MAST ARM DESIGN	EA	1					1
PAINT NEW METAL POLE WITH MAST ARM	EA	1					1
PAINT EXISTING METAL POLE WITH MAST ARM	EA		3	4	3		10
METAL POLE FOUNDATION REMOVAL	EA	1					1
METAL POLE REMOVAL	EA	1					1
SIGNAL PEDESTAL WITH FOUNDATION	EA	3	6	5	7	1	22
SIGNAL PEDESTAL	EA				2		2
DECORATIVE METAL SIGNAL POLE BASES	EA	1	3	4	3		11
SIGN FOR SIGNALS	EA	3	1	1		2	7
RELOCATE EXISTING CABINET AND CONTROLLER	EA	1					1
DETECTOR UNIT (TS-1)	EA	1	2	2	3		8
CABINET FOUNDATION	EA	1					1
CONDUIT ENTRANCE INTO EXISTING FOUNDATION	EA			3	3		6
BATTERY BACKUP	EA	1	1				2
BREAKING AND REMOVAL OF EXISTING CONCRETE ISLAND	EA					1	1
ASPHALT PLANT MIX, PAVEMENT REPAIR	EA					1	1
4" CONCRETE SIDEWALK	CY					6	6

SIGNAL PLAN GENERAL NOTES

1. THE FIELD LOCATION OF ANY ITEM TO BE INSTALLED AS PART OF THIS PROJECT SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
2. BURIED UTILITIES AND STRUCTURES: PIPELINES, STORM SEWERS, POWER CABLES, UTILITY CABLES, BASEMENTS, AND OTHER PUBLICLY AND PRIVATELY OWNED UNDERGROUND OBSTRUCTIONS EXIST ADJACENT TO AND WITHIN THE STREET RIGHT-OF-WAY WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT. INVESTIGATE THE LOCATION OF SUCH BURIED UTILITIES AND STRUCTURES WITH PUBLIC AND PRIVATE UTILITIES.
3. THE PLAN SHEETS HAVE BEEN DEVELOPED AS CLOSE TO SCALE AS PRACTICAL. ACTUAL FIELD CONDITIONS, HOWEVER, SHALL PROVIDE THE BASIS FOR APPLYING THE WORK SHOWN.
4. THE ROADWAY STANDARD DRAWINGS, THE ROADWAY STANDARD DETAILS OF THIS PLAN SET, AND THE SPECIFIC DETAILS PROVIDED IN THIS PLAN SET SHALL ALL APPLY TO ALL WORK REQUIRED IN THIS PROJECT. WHETHER A PARTICULAR DETAIL IS SPECIFICALLY REFERENCED TO A WORK ITEM OR NOT, IN THE EVENT OF A CONFLICT, THE ORDER OF PRECEDENCE SHALL BE: THE PROJECT SPECIAL PROVISIONS, THE SPECIAL DETAILS, THE STANDARD DETAILS, THE ROADWAY STANDARD DRAWINGS, AND THEN THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING THE PROPER DETAILS.
5. ANY OF THE CONTRACTOR'S WORK ACTIVITIES WHICH IMPACT ANY UTILITY FACILITY OR RAILROAD SHALL BE COORDINATED WITH THE OWNER OF ALL AFFECTED UTILITIES AND RAILROADS. THE CONTRACTOR SHALL FOLLOW ANY AND ALL WORK PROCEDURES THE UTILITY AND RAILROAD OWNERS MAY REQUIRE.
6. ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY THE CONTRACTOR UNLESS IT IS SPECIFICALLY NOTED THAT THE WORK WILL BE PERFORMED BY OTHERS.
7. ALL NEW AND EXISTING SIGNAL POLES WITH MAST ARMS, SIGNAL POLES WITH DUAL MAST ARMS, SIGNAL PEDESTALS, DECORATIVE SIGNAL POLE BASES, AND SIGNAL PEDESTAL BASES SHALL BE PAINTED BLACK.
- ▽ 8. CONTRACTOR TO COORDINATE WITH DOUGLAS BLOCK CONTRACTOR ON WORK PERFORMED AT THOMAS STREET.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SIGNAL PLAN GENERAL NOTES

PROJECT NUMBER:

50219

ISSUED:

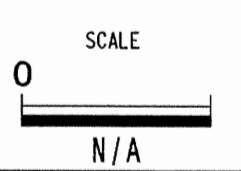
04.22.10

REVISED: # COMMENTS:

11-1-10	Updated Quantities
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T. Tisha M. Podulycy 4-22-10
SIGNATURE DATE



CV 10.1

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NOTES

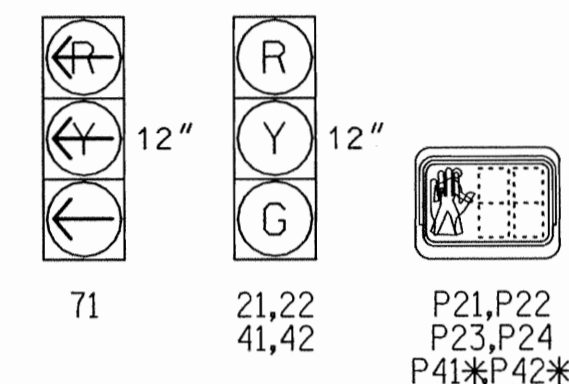
1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Set all detector units to presence mode.
4. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
5. Omit Phase 4 "WALK" and flashing "DON'T WALK" with no pedestrian calls.
6. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
7. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
8. System Intersection Number 209.

NEMA LOOP & DETECTOR UNIT INSTALLATION CHART														
NEMA CONTROLLER WITH TS-1 CABINET														
INDUCTIVE LOOPS						DETECTOR UNITS								
LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW	EXISTING	UNIT NO.	NEW	EXISTING	CHANNEL	NEMA PHASE	TIMING	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?	
4A	6x40	2-4-2	0	X	-	1	X	-	1	Ø4	-	- SEC.	ALL	NO
7A	6x40	2-4-2	0	X	-	1	X	-	2	Ø7	-	- SEC.	ALL	NO

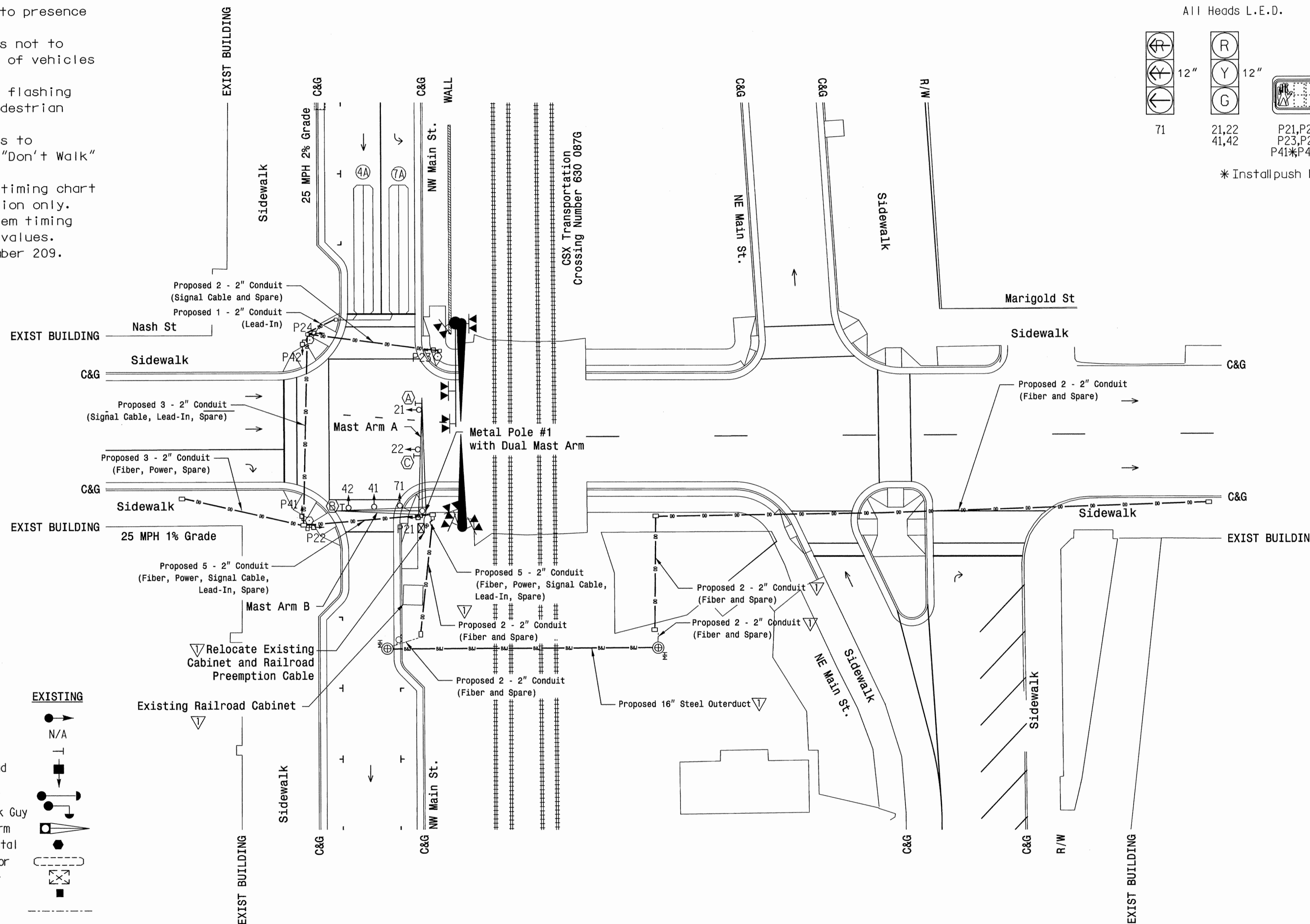
**2 Phase
Semi-Actuated
with Railroad Preemption
(Rocky Mount Signal System)**

SIGNAL FACE I.D.

All Heads L.E.D.



* Install push button.



LEGEND	
PROPOSED	EXISTING

Harris & Associates, Inc.
Construction Consultants

MORTAR&INK
Graphic Design for the Built World

elm

HNTB

ROCKY MOUNT
NORTH CAROLINA

**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**SIGNAL PLAN
NASH ST/
MARIGOLD ST
AT
MAIN ST**

PROJECT NUMBER:
50219

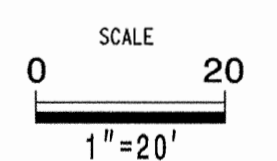
ISSUED:
04.22.10

REVISED: # COMMENTS:

DATE	#	COMMENTS
11-1-10	1	Conduit Location
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Natasha M. Rodevick 4/22/10
SIGNATURE DATE



CV 10.2

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No. C-1554

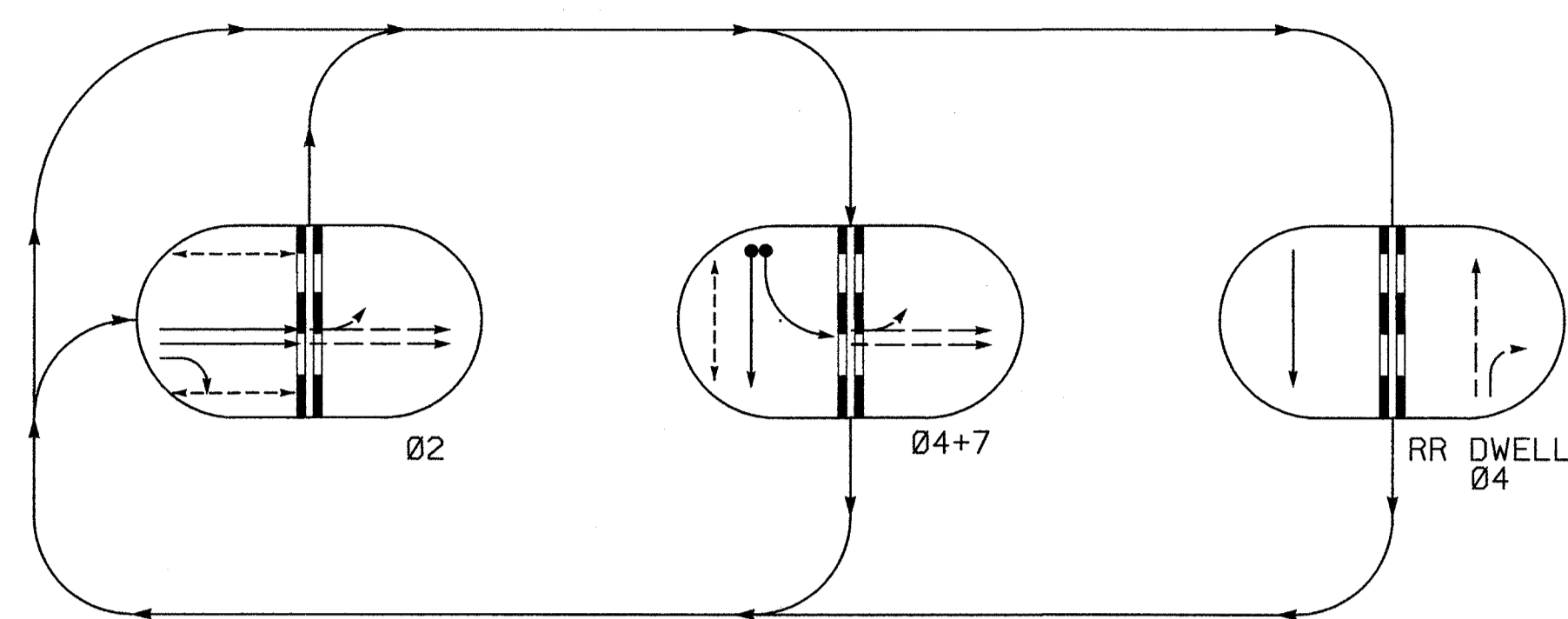
SIGNAL UPGRADE - (SHEET 1 OF 3)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	209	REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

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PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- ←●→ DETECTED MOVEMENT
- ←---→ UNDETECTED MOVEMENT (OVERLAP)
- ←- - -→ UNSIGNALIZED MOVEMENT
- ←- - -→ PEDESTRIAN MOVEMENT
- == RAILROAD TRACKS

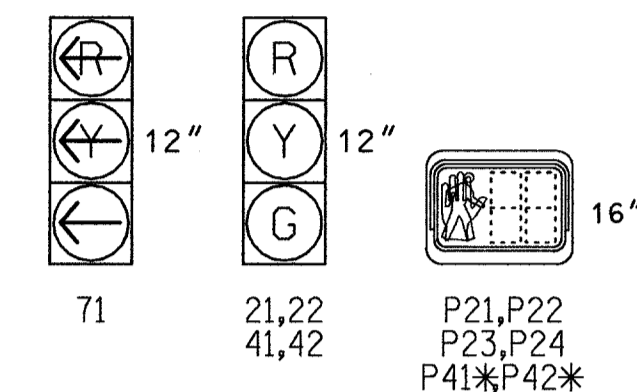
SIGNAL FACE	PHASE			
	02	04	07	FLASH
21,22	G	R	R	Y
41,42	R	G	G	R
71	RR	RR	RR	RR
P21,P22	W	DW	DW	DRK
P23,P24	W	DW	DW	DRK
P41,P42	DW	W	DW	DRK

W - Walk
DW - Don't Walk
DRK - Dark

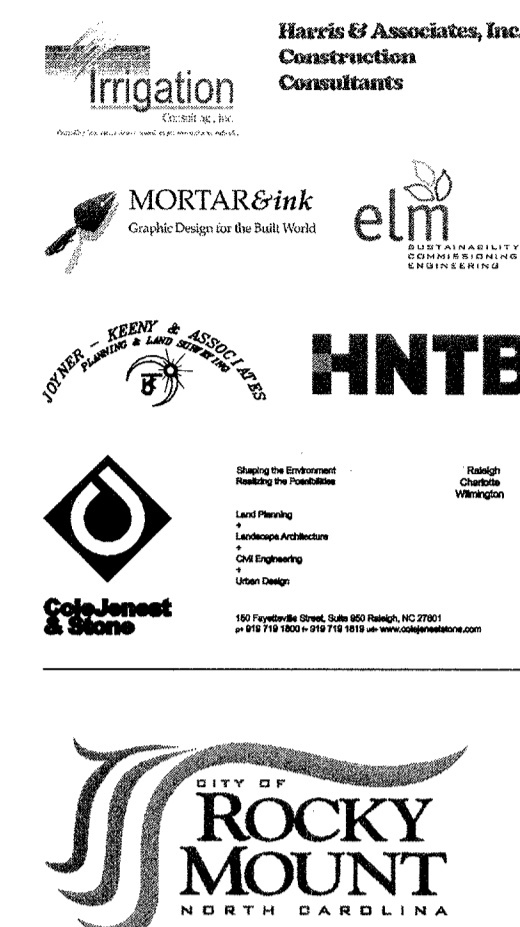
2 Phase Semi-Actuated with Railroad Preemption (Rocky Mount Signal System)

SIGNAL FACE I.D.

All Heads L.E.D.



* Install push button.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SIGNAL PLAN NASH ST/ MARIGOLD ST AT MAIN ST

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

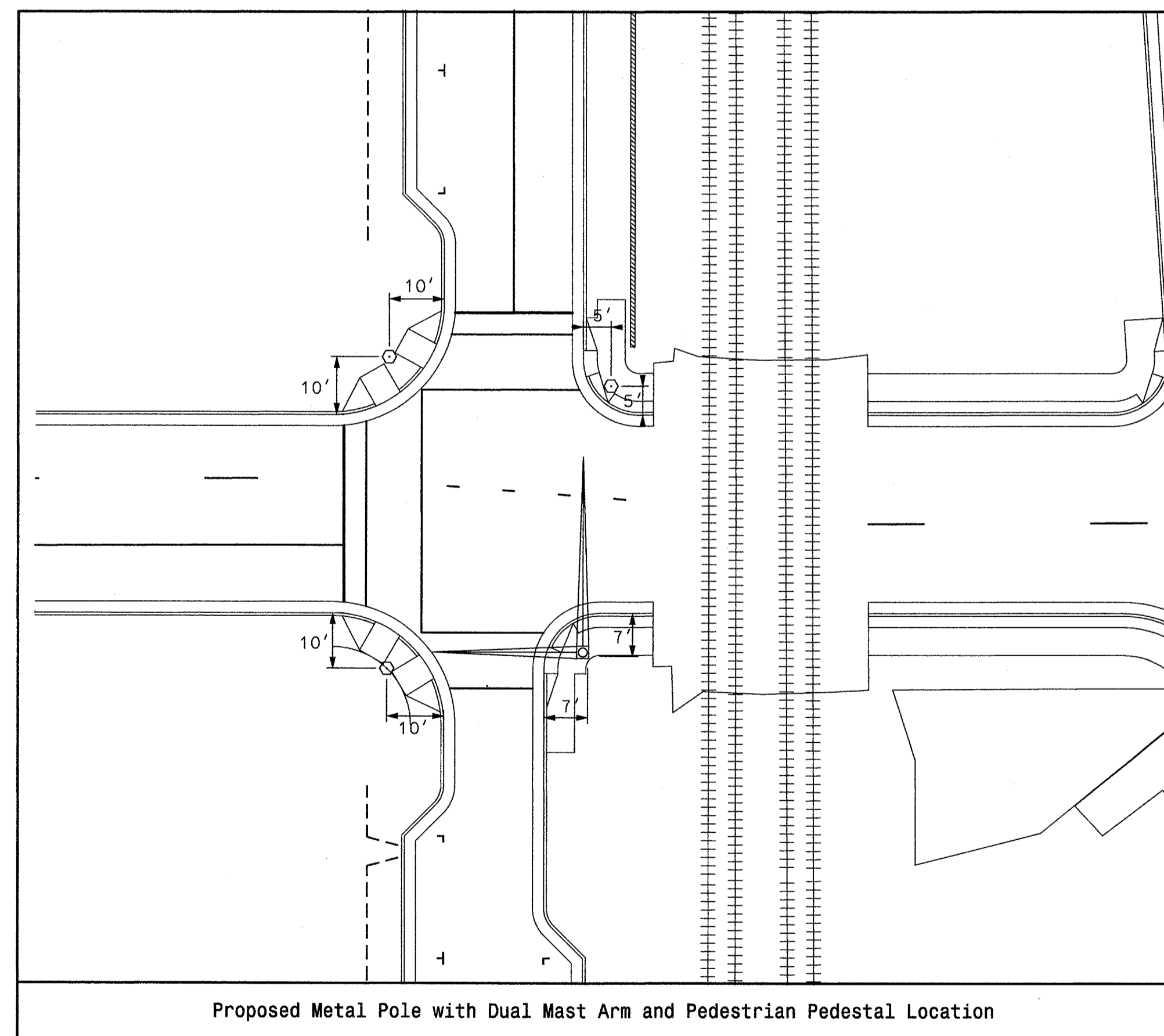
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TIMING CHART NEMA CONTROLLER			
PHASE	2	4	7
MINIMUM GREEN*	11 SEC.	7 SEC.	7 SEC.
PASSAGE/GAP*	- SEC.	2.0 SEC.	2.0 SEC.
YELLOW CHANGE INT.	3.1 SEC.	3.1 SEC.	3.0 SEC.
RED CLEARANCE	1.3 SEC.	1.7 SEC.	1.0 SEC.
MAX. I*	40 SEC.	25 SEC.	25 SEC.
RECALL POSITION	MAX / PED RECALL	NONE	NONE
VEHI. CALL MEMORY	NONLOCK	NONLOCK	NONLOCK
WALK*	7 SEC.	7 SEC.	- SEC.
FLASHING DON'T WALK	4 SEC.	8 SEC.	- SEC.
VOLUME DENSITY	OFF	OFF	OFF
ACTUATION B4 ADD	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION*	- SEC.	- SEC.	- SEC.
MAX. INITIAL*	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION*	- SEC.	- SEC.	- SEC.
TIME TO REDUCE*	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- SEC.	- SEC.

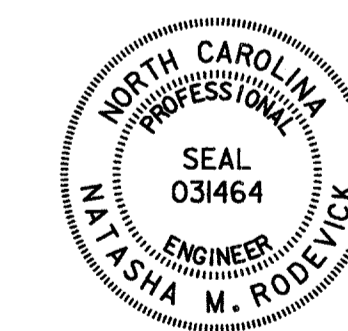
* These values may be field adjusted. Do not adjust Min Green and Passage/Gap times for phases 2 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

RAILROAD PREEMPTION	
FUNCTION	SECONDS
Delay Before Preempt	0
Ped. Clear Before Preempt	8
Min. Green Before Preempt	1
Yellow Clear Before Preempt	0.0*
Red Clear Before Preempt	0.0*
Track Clearance Green	0
Track Clearance Yellow	0
Track Clearance Red	0
Preempt Dwell Min. Green	11
Yellow Clr After Preempt	3.1
Red Clear After Preempt	1.7
Ped Clear Through Yellow	Y

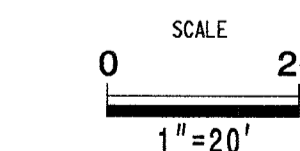
* Clearance time defaults to times used for phase during normal operation.



Proposed Metal Pole with Dual Mast Arm and Pedestrian Pedestal Location



Signature: N. M. Rodevick
Date: 4.22.10



CV 10.3

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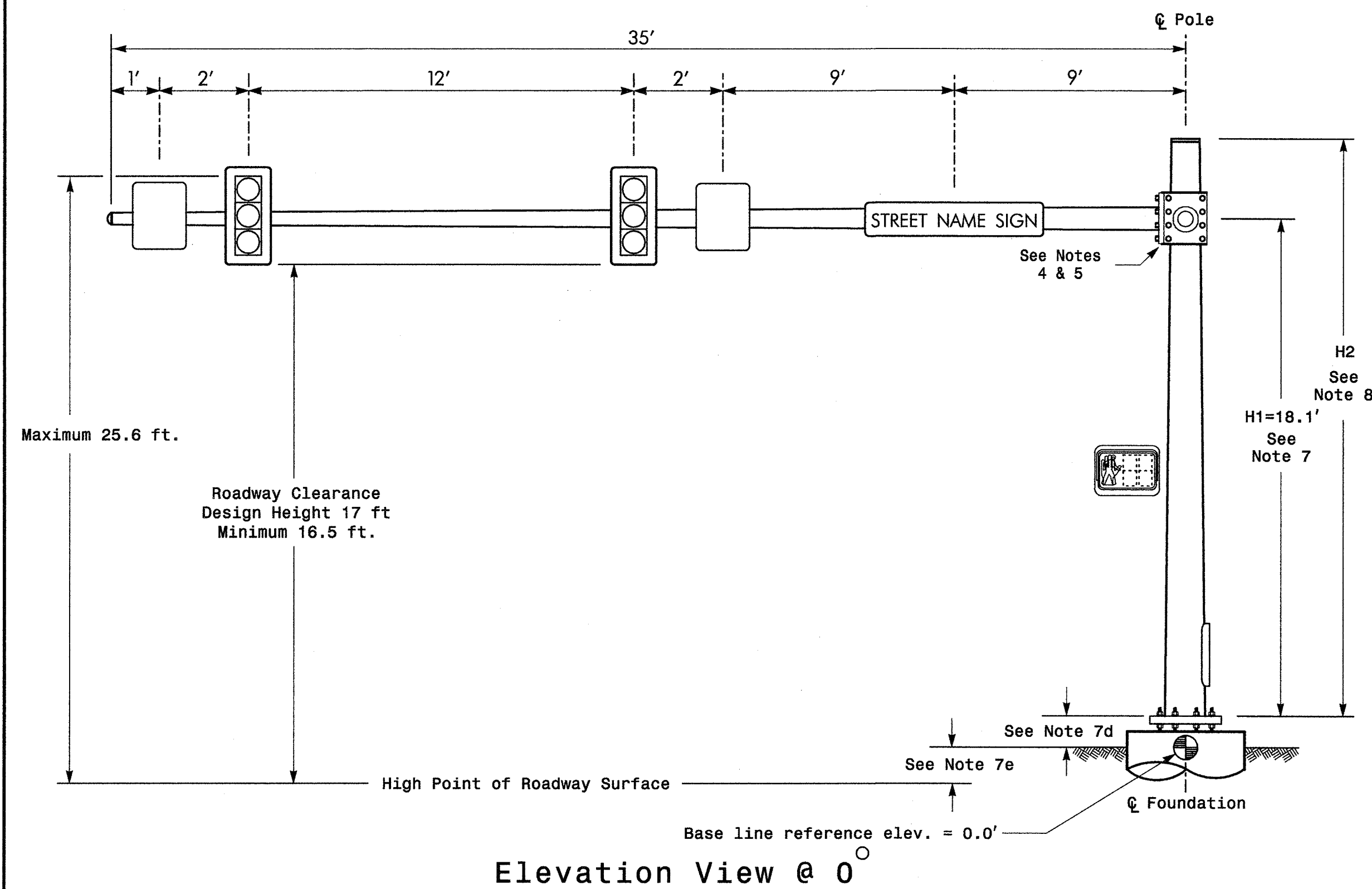


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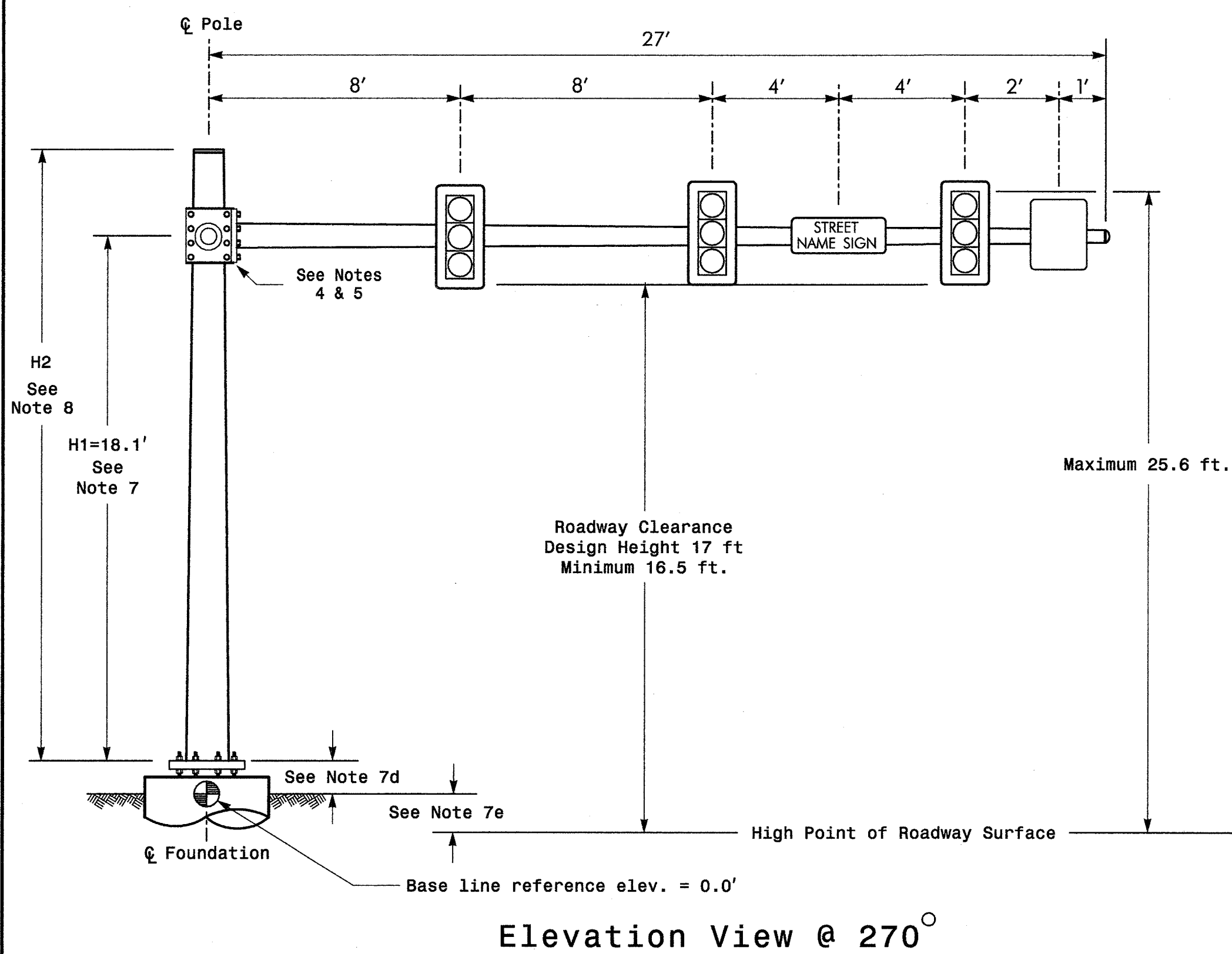
SIGNAL UPGRADE - (SHEET 2 OF 3)

Division 04 Edgecombe/Nash Co Rocky Mount	
SIG. INVENTORY NO.	209
REVIEWED BY:	S.T. Franklin
PREPARED BY:	T.R. Terrell
REVIEWED BY:	N.M. Rodevick

Design Loading for METAL POLE NO. 1, MAST ARM A



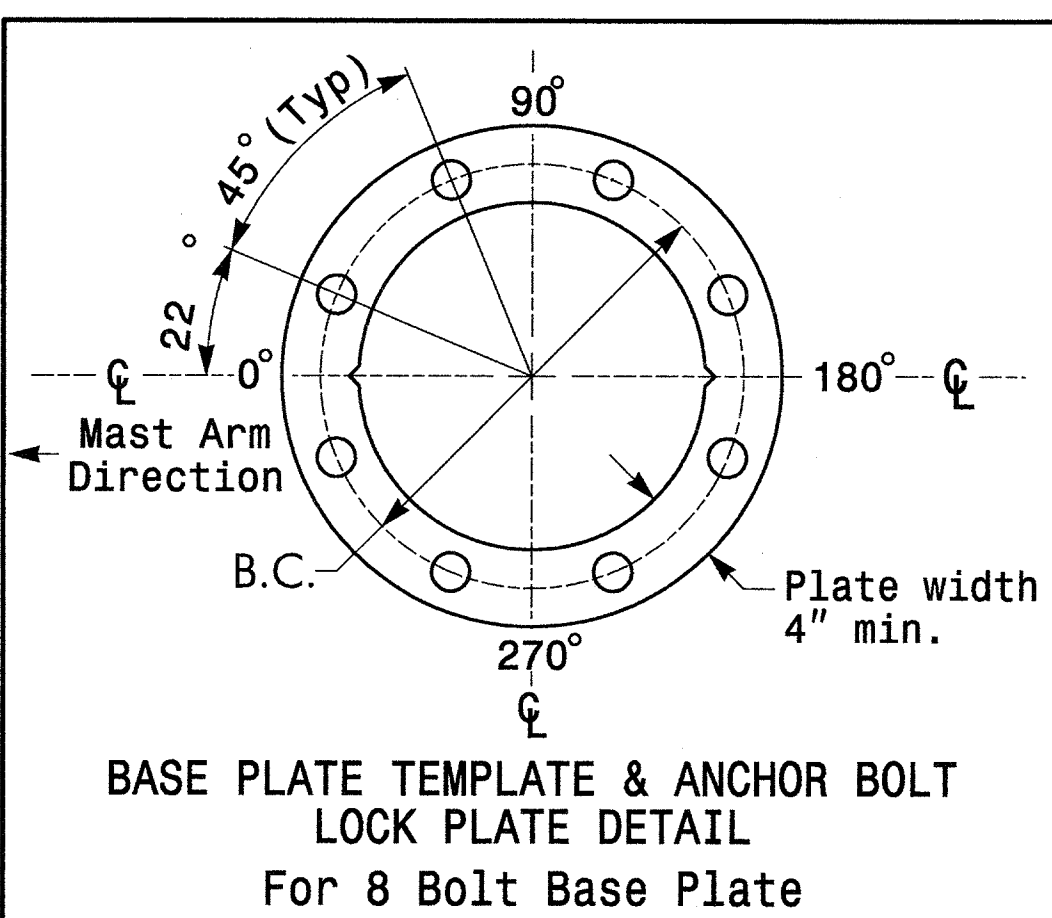
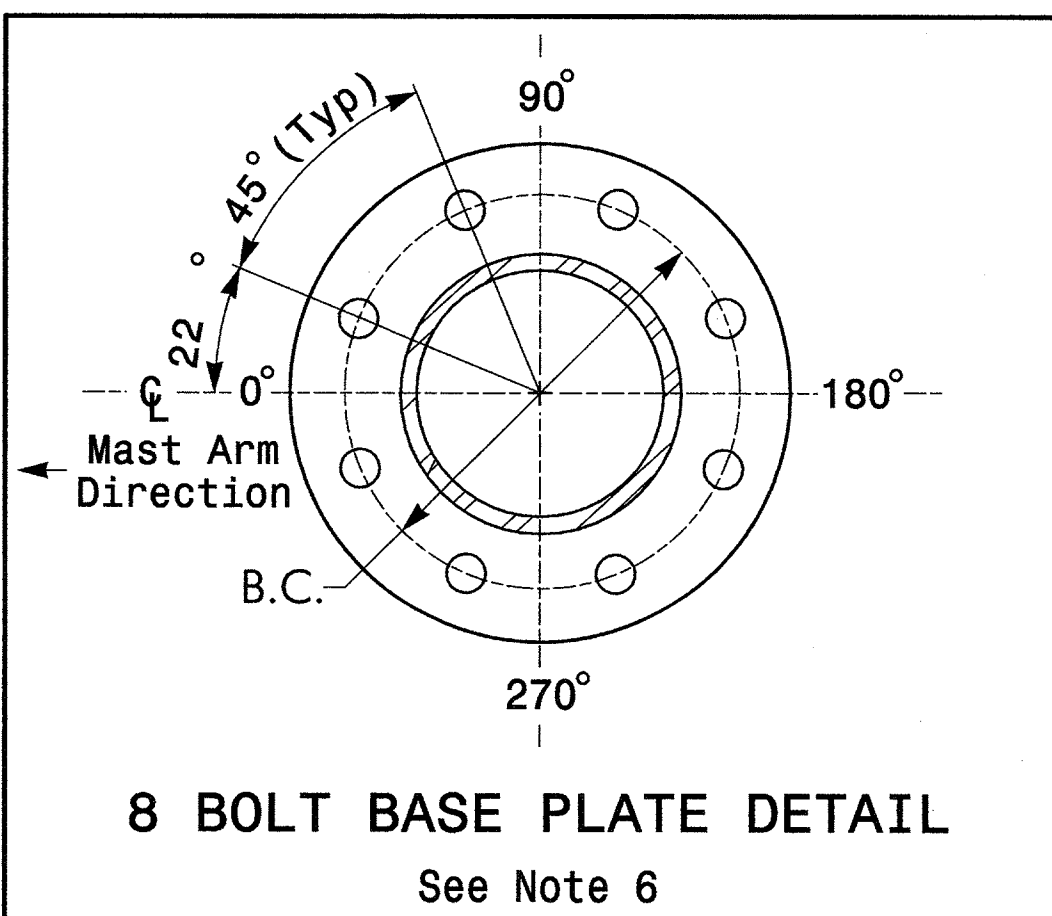
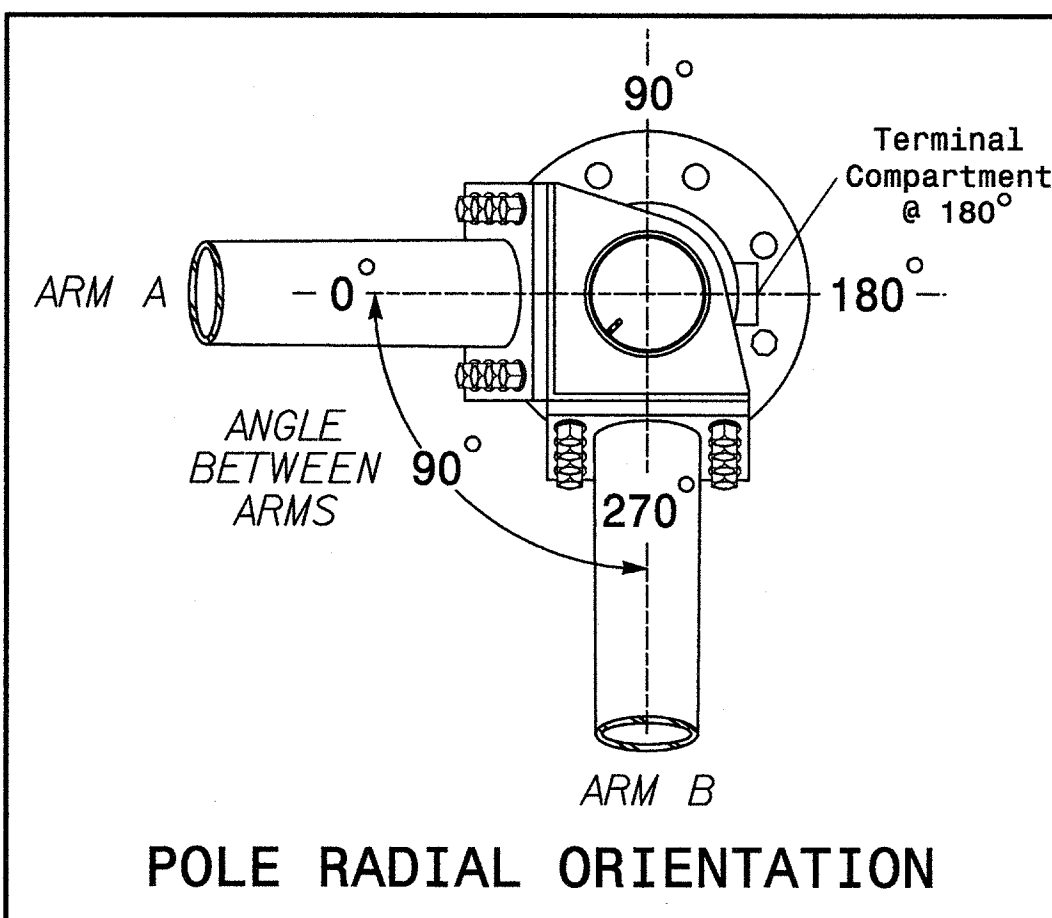
Design Loading for METAL POLE NO. 1, MAST ARM B



SPECIAL NOTE
The contractor is responsible for verifying that the mast arm attachment height (H1) will provide the "Design Height" clearance from the roadway before submitting final shop drawings for approval. Verify elevation data below which was obtained by field measurement or from available project survey data.

Elevation Data for Mast Arm Attachment (H1)

Elevation Differences for:	Arm "A"	Arm "B"
Baseline reference point at ϕ Foundation @ ground level	0 ft.	0 ft.
Elevation difference at High point of roadway surface	-0.4 ft.	-0.7 ft.
Elevation difference at Edge of travelway or face of curb	+0.2 ft.	-0.1 ft.



METAL POLE No. 1

MAST ARM LOADING SCHEDULE

LOADING SYMBOL	DESCRIPTION	AREA	SIZE	WEIGHT
	SIGNAL HEAD 12"-3 SECTION-WITH BACKPLATE AND ASTRO-BRAC	9.3 S.F.	25.5" W X 52.5" L	60 LBS
	SIGN RIGID MOUNTED WITH ASTRO-SIGN-BRAC	5.0 S.F.	24.0" W X 30.0" L	11 LBS
	STREET NAME SIGN RIGID MOUNTED WITH ASTRO-SIGN-BRAC	12.0 S.F.	18.0" W X 96.0" L	27 LBS
	PEDESTRIAN SIGNAL HEAD WITH MOUNTING HARDWARE	2.2 S.F.	18.5" W X 17.0" L	21 LBS

NOTES

Design Reference Material

- Design the traffic signal structure and foundation in accordance with:
 - The 4th Edition 2001 AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, including all of the latest interim revisions.
 - The 2006 NCDOT "Standard Specifications for Roads and Structures". The latest addenda to these specifications can be found in the traffic signal project special provisions.
 - The 2006 NCDOT Roadway Standard Drawings.
 - The traffic signal project plans and special provisions.
 - The NCDOT "Metal Pole Standards" located at the following NCDOT website: <http://www.ncdot.org/doh/preconstruct/traffic/ITSS/ws/mpoles/poles.html>

Design Requirements

- Design the traffic signal structure using the loading conditions shown in the elevation views. These are anticipated worst case "Design loads" and may not represent the actual loads that will be applied at the time of the installation. The contractor should refer to the traffic signal plans for the actual loads that will be applied at the time of the installation.
- Design all signal supports using stress ratios that do not exceed 0.9.
- The camber design for mast arm deflection should provide an appearance of a low pitched arch where the tip or the free end of the mast arm does not deflect below horizontal when fully loaded.
- A clamp-type bolted mast arm-to-pole connection may be used instead of the welded ring stiffened box connection shown as long as the connection meets all of the design requirements. This requires staggering the connections. Use elevation data for each arm to determine appropriate arm connection points.
- Design base plate with 8 anchor bolt holes. Provide 2 inch x 60 inch anchor bolts.
- The mast arm attachment height (H1) shown is based on the following design assumptions:
 - Mast arm slope and deflection are not considered in determining the arm attachment height as they are assumed to offset each other.
 - Signal heads attached to the mast arm are rigid mounted and vertically centered on the arm.
 - The roadway clearance height for design is as shown in the elevation views.
 - The top of the pole base plate is .75 feet above the ground elevation.
 - Refer to the Elevation Data chart for elevation differences between the proposed foundation ground level and the high point on the roadway.
- The pole manufacturer will determine the total height (H2) of the pole using the greater of the following:
 - Mast arm attachment height (H1) plus 2 feet, or
 - H1 plus 1/2 of the total height of the mast arm attachment assembly plus 1 foot.
- If pole location adjustments are required, the contractor must gain approval from the engineer as this may affect the mast arm lengths and arm attachment heights. The contractor may contact the NCDOT Signals & Geometrics Structural Engineer for assistance at (919) 773-2800.
- The contractor is responsible for verifying that the mast arm lengths shown will allow proper positioning of the signal heads over the roadway.
- The contractor is responsible for providing soil penetration testing data (SPT) to the pole manufacturer so site specific foundations can be designed.

Prepared by:

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

NCDOT Wind Zone 3 (110 mph)

SIGNAL UPGRADE - (SHEET 3 OF 3)
Division 04 Edgecombe/Wash Co Rocky Mount
SIG. INVENTORY NO. 209 REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell REVIEWED BY: N.M. Rodevick

Harris G Associates, Inc.
Construction Consultants

MORTAR&ink
Graphic Design for the Built World

elM

HNTB

ColoJennet & Stone

ROCKY MOUNT
NORTH CAROLINA

URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

**METAL POLE DESIGN
NASH ST/
MARIGOLD ST
AT
MAIN ST**

PROJECT NUMBER:

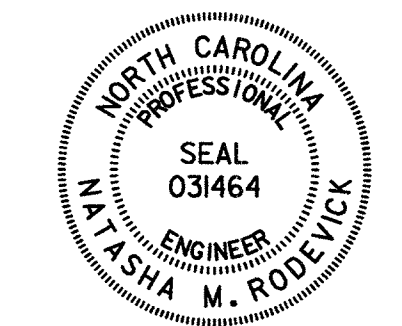
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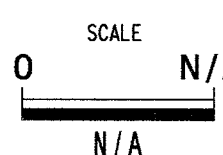
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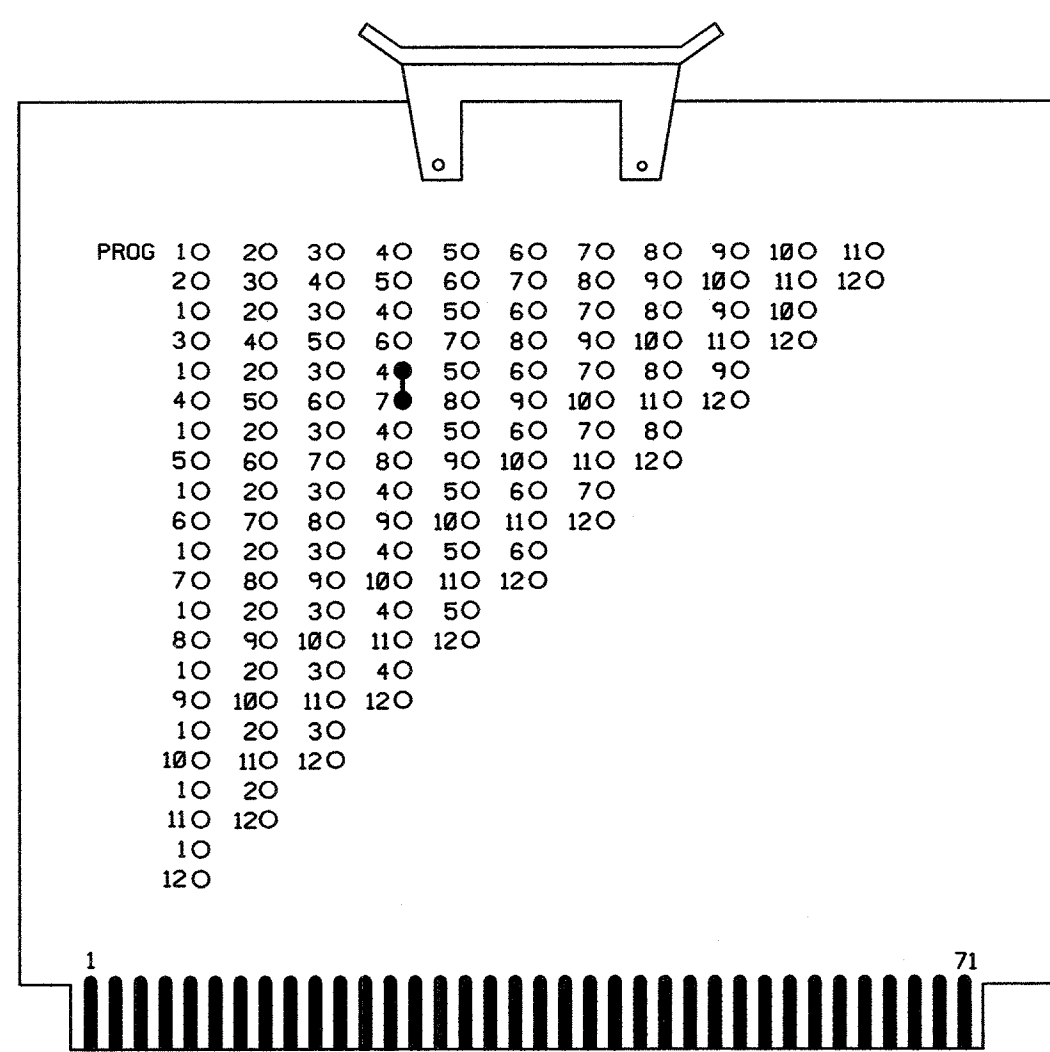
Natasha M. Rodevick 4/22/10
SIGNATURE DATE



CV 10.4

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**NEMA* CONFLICT MONITOR
PROGRAMMING CARD**
(install jumpers as shown below)



* NOTE: MONITOR SHALL BE PROGRAMMED FOR FULL SIGNAL SEQUENCE MONITORING. (NEMA+)

NOTES

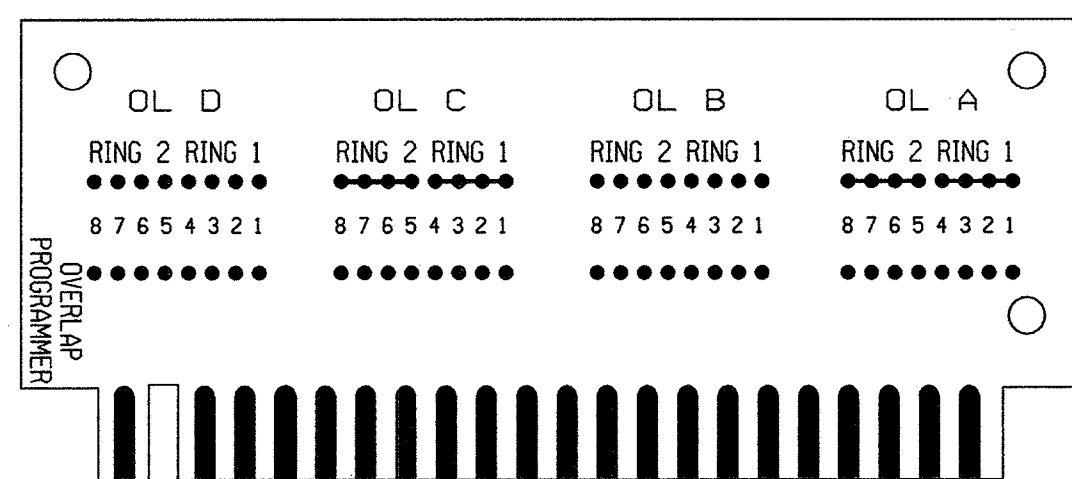
1. TO PREVENT "FLASH-CONFLICT" PROBLEMS, WIRE ALL UNUSED PHASES AND OVERLAPS TO FLASH RED. VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH SIGNAL PLANS.
2. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED LOAD SWITCH RED OUTPUTS 1,3,5,6,8,9,10,11 AND 12 TO LOAD SWITCH AC+ BY INSERTING A JUMPER PLUG IN THE UNUSED LOAD SWITCH SOCKET FROM PIN 1 (LS AC+) TO PIN 3 (RED OUT). MAKE SURE ALL FLASH TRANSFER RELAYS ARE IN PLACE.
3. PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
4. SET POWER-UP TIME TO 10 SECONDS AND IMPLEMENT ON THE CONFLICT MONITOR. SET CONTROLLER POWER-UP FLASH TIME TO 0 SECONDS.
5. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
6. WIRE DETECTORS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO ACCOMPLISH THE DETECTION SCHEMES SHOWN ON THE SIGNAL DESIGN PLANS.
7. SET ALL DETECTOR UNIT CHANNELS TO "PRESENCE" MODE.
8. THIS CABINET AND CONTROLLER ARE PART OF THE ROCKY MOUNT SIGNAL SYSTEM.
9. SEE SHEET 2 OF 2 FOR RAILROAD VEHICLE PREEMPTION CONTROLLER PROGRAMMING AND WIRING.

FIELD CONNECTION HOOK-UP CHART

CHANNEL	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
PHASE	8 PED	6 PED	4 PED	2 PED	OLD	OLC	OLB	OLA	8	7	6	5	4	3	2	1
SIGNAL HEAD NO.	NU	NU	P41,P42	P21,P22, P23,P24	NU	NU	NU	NU	NU	71	NU	NU	41,42	NU	21,22	NU
TERMINAL STRIP	TBI8	TBI7	TBI8	TBI7	TBI4	TBI4	TBI4	TBI4	TBI2	TBI2	TBI2	TBI2	TB9	TB9	TB9	TB9
GREEN													3		9	
YELLOW													2		8	
RED													1		7	
RED ARROW										4						
YELLOW ARROW										5						
GREEN ARROW										6						
			6	6												
			4	4												

NU = NOT USED

NEMA OVERLAP CARD



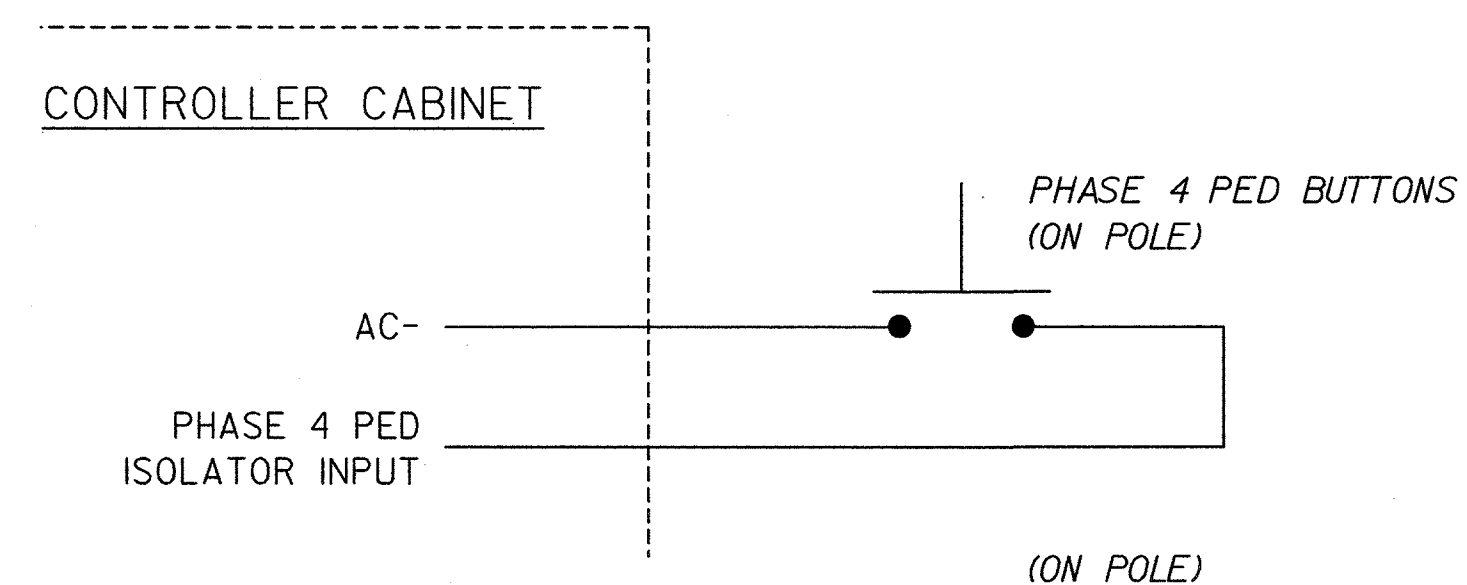
OVERLAP CARD SHALL BE COMPLETELY BLANK
OVERLAPS ARE PROGRAMMED IN
THE CONTROLLER SOFTWARE

EQUIPMENT INFORMATION

CONTROLLER.....PEEK TRAFFIC 3000
CABINET.....TRANSYT CORPORATION TS-1
DWG #CW-3735
CABINET MOUNT.....BASE
LOADBAY POSITIONS.....16
LOAD SWITCHES USED.....2,4,7,13,14
PHASES USED.....2,4,7
PEDS USED.....2,4
OVERLAP A.....NOT USED
OVERLAP B.....NOT USED
OVERLAP C.....NOT USED
OVERLAP D.....NOT USED

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)



NOTE: MAKE SURE PED ISOLATOR CIRCUITRY IS PRESENT IN CONTROLLER/CABINET ASSEMBLY.

TYPICAL CONNECTION CHART FOR DETECTORS

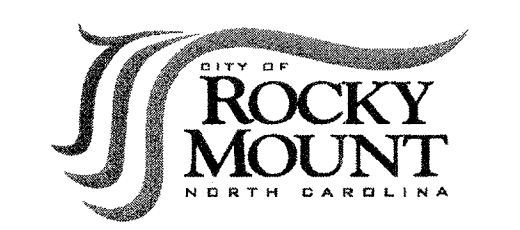
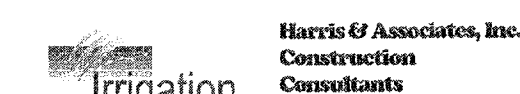
PIN FUNCTION	LOOP PANEL TERMINATION
AC+	AC+
AC-	AC-
CHASSIS GROUND	CHASSIS GROUND
LOOP INPUT	LOOP
LOOP INPUT	LOOP
RELAY NORMALLY OPEN	VEHICLE CALL INPUT
RELAY COMMON	LOGIC GROUND
TIMER INHIBIT	ASSOCIATED PHASE GREEN

NOTES:

1. THE TIMER INHIBIT WIRE SHALL BE CONNECTED TO THE ASSOCIATED PHASE GREEN LOAD SWITCH OUTPUT WHEN ONLY DELAY OPERATION IS REQUIRED UNLESS OTHERWISE SPECIFIED BY THE LOOP AND DETECTOR UNIT INSTALLATION CHART.
2. IF EXTEND OPERATION IS REQUIRED, THE DELAY INHIBIT WIRE SHALL NOT BE CONNECTED.

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.



**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WIRING PLANS
NASH ST/
MARIGOLD ST
AT
MAIN ST**

PROJECT NUMBER:

50219

ISSUED:

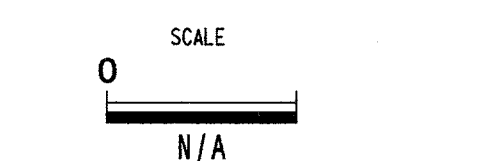
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M. Rodevick 4-22-10
SIGNATURE DATE



CV 10.5

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THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 209
DESIGNED: December 2009
SEALED: 04-22-10
REVISED:

SIGNAL UPGRADE - (SHEET 1 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
STG. INVENTORY NO.	209	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PEEK TRAFFIC 3000 SERIES CONTROLLER - RAILROAD PREEMPTION PROGRAMMING

*(program controller as shown below)
cont'd. from bottom left*

PROGRAM MENU (PRESS 9 FOR INDEX)

1. CONTROLLER	5. COMM/SYSTEM SETUP
2. COORDINATION	6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY	7. I/O STEERING
4. PREEMPTION	8. UTILITIES

TO VIEW OR ENTER PREEMPTION RUN
ENTER 1-6: 1

TO ERASE ONE PREEMPTION RUN
ENTER 1-6: .

TO ERASE ALL PREEMPTION RUNS
ENTER 99: ..

PREEMPTION RUN 1 MENU

1. PER RUN DATA

2. INTERVAL DATA

3. FLASH PLAN FOR RUN 1
WHEN CHANGING RUN DATA, DISABLE RUN
UNDER PER RUN DATA

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID,FIXED, TENTHS,PC->YEL, EXIT,DWELL INTVS
5. EXIT CONTROLS	

RUN 1 ENABLE,RR,LOCK,PRIORITY
VALUE(YES/NO)

RUN ENABLE: Y*	RAILROAD: N	PE INPUT LOCK: N	MAX INTERVALS: 3	VALUE(0-32)	OVERRIDE FLASH: N	GO TO HIGHER PE: N	NEMA PRIORITY: Y	USER PRIORITY: 1	VALUE(1-6)
----------------	-------------	------------------	------------------	-------------	-------------------	--------------------	------------------	------------------	------------

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID,FIXED, TENTHS,PC->YEL, EXIT,DWELL INTVS
5. EXIT CONTROLS	

RUN 1 DURATION, RESERVICE, PE DELAY

DURATION	PREEMPT DELAY	RESERVICE
0	0	0
(0-255 SECS)	(0-255 SECS)	(0-255 SECS)

DURATION TIMER USED AS GAP TIMER: N

continued at top right

* DENOTES RUN ENABLE MUST BE SET TO "N" BEFORE PREEMPT DATA CAN BE ENTERED.

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID,FIXED, TENTHS,PC->YEL, EXIT,DWELL INTVS
5. EXIT CONTROLS	

RUN 1 MINIMUM ENTRY TIMES
INHIBIT DOUBLE CLR O/L ENTERING PE: N

GREEN	YELLOW	RED	CLR	O/L	YEL
1.0	3.1	1.7	8	0.0	
(0-----25.5 SECS)		(0-255 SECS)		(0-255 SECS)	

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID,FIXED, TENTHS,PC->YEL, EXIT,DWELL INTVS
5. EXIT CONTROLS	

RUN 1 PER INTERVAL DATA VALUE(YES/NO)

PGDN FOR MORE

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
VALID	X	X	X								1	1	1	1	1	1
DWELL	X															
FIXED	X	X	X													
TENTH		X	X													

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

RUN 1 PER INTERVAL DATA VALUE(YES/NO)

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
EXIT	X	X	X								1	1	1	1	1	1
PC->YEL																

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID,FIXED, TENTHS,PC->YEL, EXIT,DWELL INTVS
5. EXIT CONTROLS	

RUN 1 EXIT CONTROLS

EXIT MODE: 0 0 = GO TO EXIT PHASES
1 = GO TO NEXT DEMAND
2 = RESUME INTERRUPTED SEQ.

VALUE(YES/NO)

FUN/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
PHASES		X									1	1	1	1	1	1
CALLS																

1. PER RUN DATA

2. INTERVAL DATA

3. FLASH PLAN FOR RUN 1

WHEN CHANGING RUN DATA, DISABLE RUN
UNDER PER RUN DATA

RUN 1 INTERVAL 1 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 11 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUN/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
COLOR											1	1	1	1	1	1
PED COL																

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

continued at top right

cont'd. from bottom left

RUN 1 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.1 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUN/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
COLOR											1	1	1	1	1	1
PED COL																

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.7 PH FLASH: . PED FLASH: .

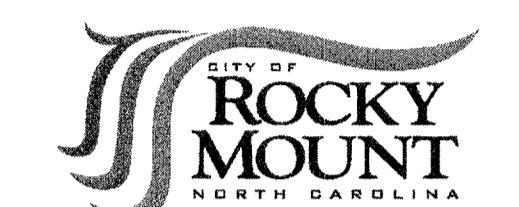
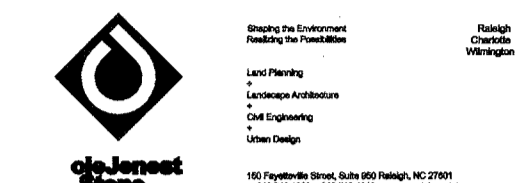
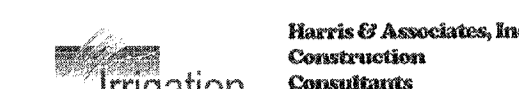
VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUN/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
COLOR											1	1	1	1	1	1
PED COL																

PGDN FOR OVERLAPS

end of railroad preemption programming

NOTE :
THERE IS NO PROGRAMMING
REQUIRED FOR 'PE OUTS' FOR
ANY INTERVAL



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WIRING PLANS
NASH ST/
MARIGOLD ST
AT
MAIN ST**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Natasha M. Rodevick 4-22-10
SIGNATURE DATE

SCALE
0
N/A

CV 10.6

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THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 209
DESIGNED: December 2009
SEALED: 04-22-10
REVISED:

SIGNAL UPGRADE - (SHEET 2 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	209	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

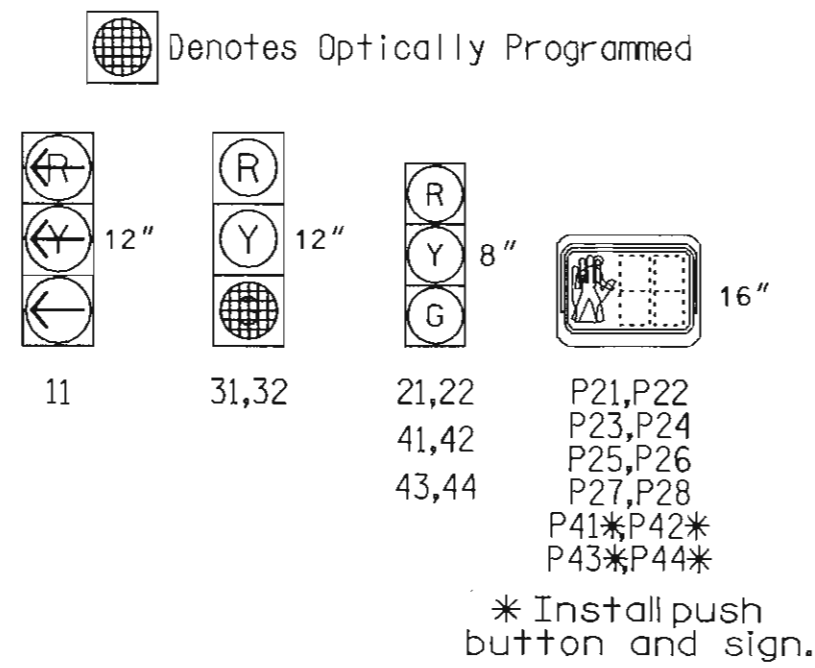
Prepared by:
HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Set all detector units to presence mode.
4. Omit Phase 4 "WALK" and flashing "DON'T WALK" with no pedestrian calls.
5. This intersection features an optical preemption system. Shown locations of optical detectors are conceptual only.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
7. System Intersection Number 208.

SIGNAL FACE I.D.

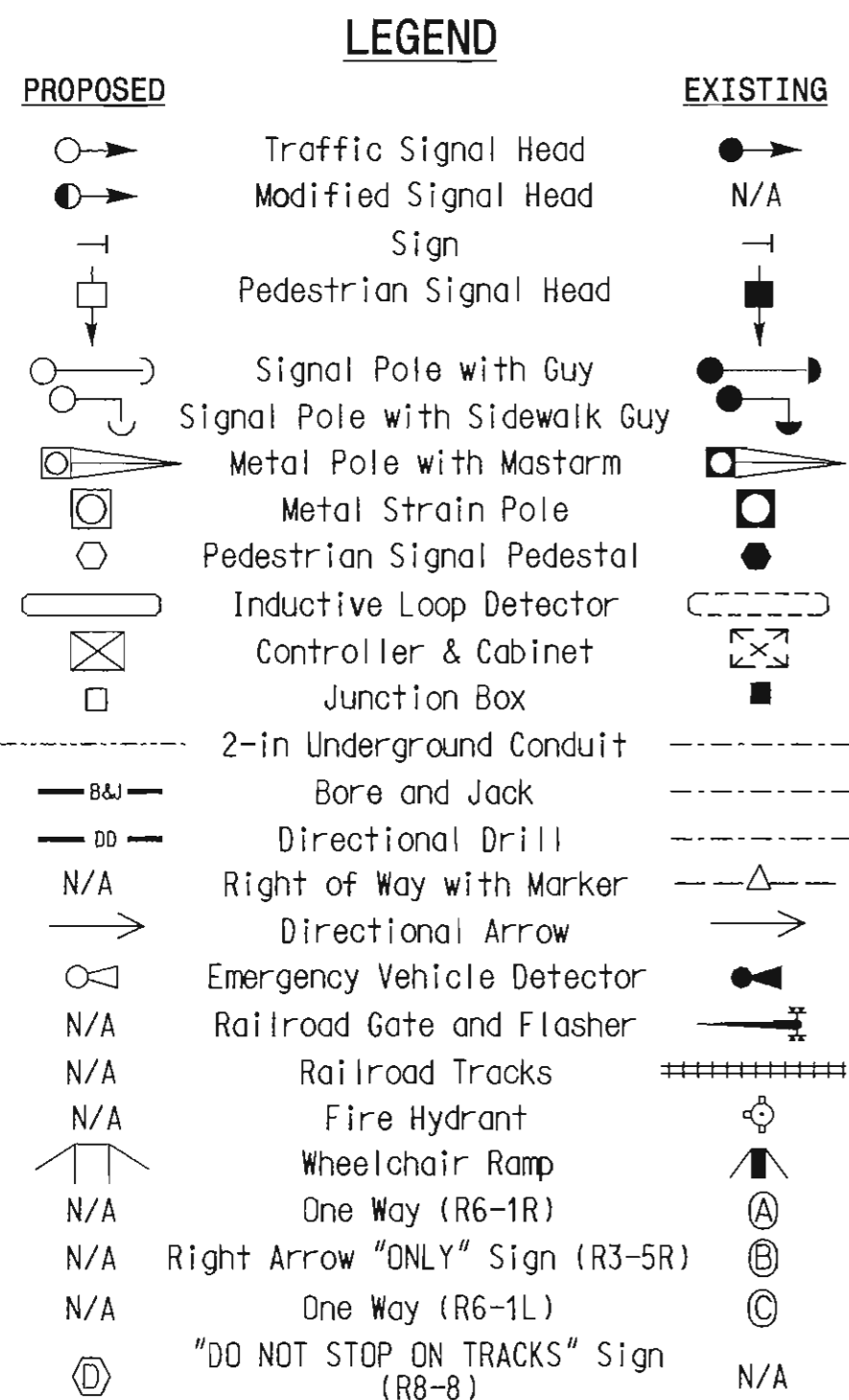
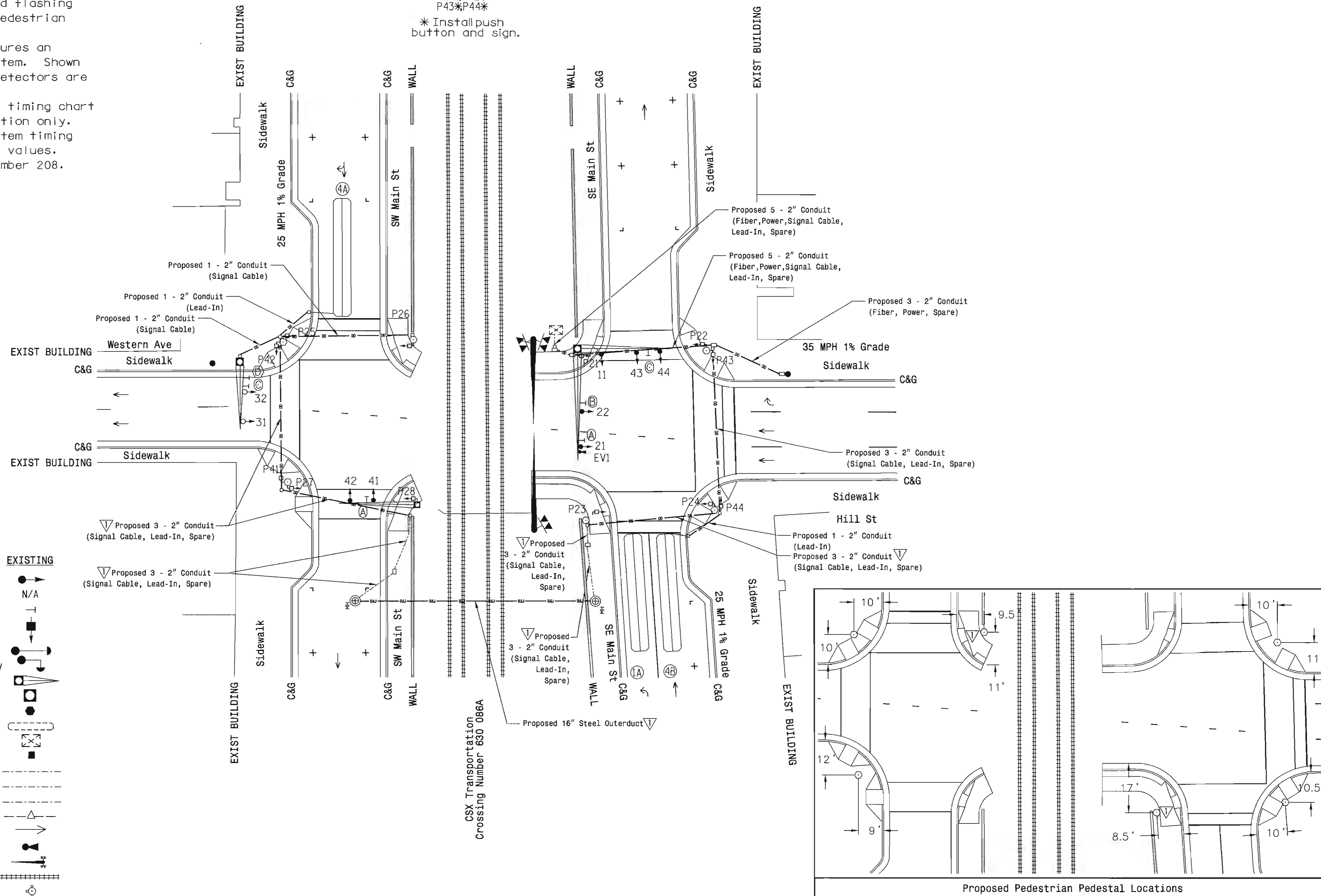
All Heads L.E.D.



NEMA LOOP & DETECTOR UNIT INSTALLATION CHART
NEMA CONTROLLER WITH TS-1 CABINET

LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	NEW EXISTING	UNIT NO.	NEW EXISTING	INDUCTIVE CHANNEL	NEMA PHASE	DETECTOR UNITS		PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?
									FEATURE	TIME		
1A	6x40	2-4-2	0	X -	1	X -	1	01	DELAY	0-SEC.	ALL	YES
4A	6x40	2-4-2	0	X -	2	X -	1	04	DELAY	10-SEC.	ALL	YES
4B	6x40	2-4-2	0	X -	2	X -	2	04	DELAY	0-SEC.	ALL	YES
EVI	EV Preemptor	1	-	X -	-	X -	1	EVP1				

4 Phase
Semi-Actuated
with Railroad Preemption
and Emergency Vehicle Preemption
(Rocky Mount Signal System)



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**SIGNAL PLAN
HILL ST/
WESTERN AVE
AT MAIN ST**

PROJECT NUMBER:

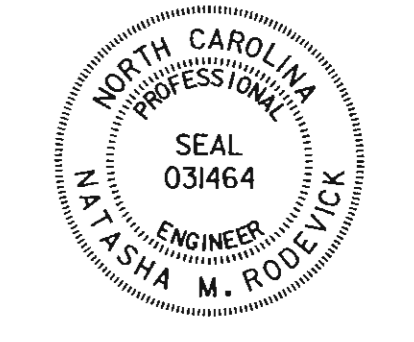
50219

ISSUED:

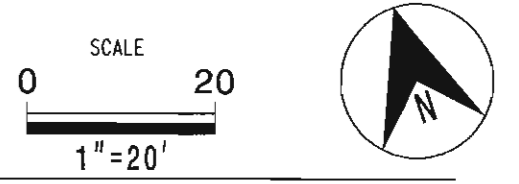
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Conduit Location
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	



N. M. Rodevick 4-23-10
SIGNATURE DATE



CV 10.7

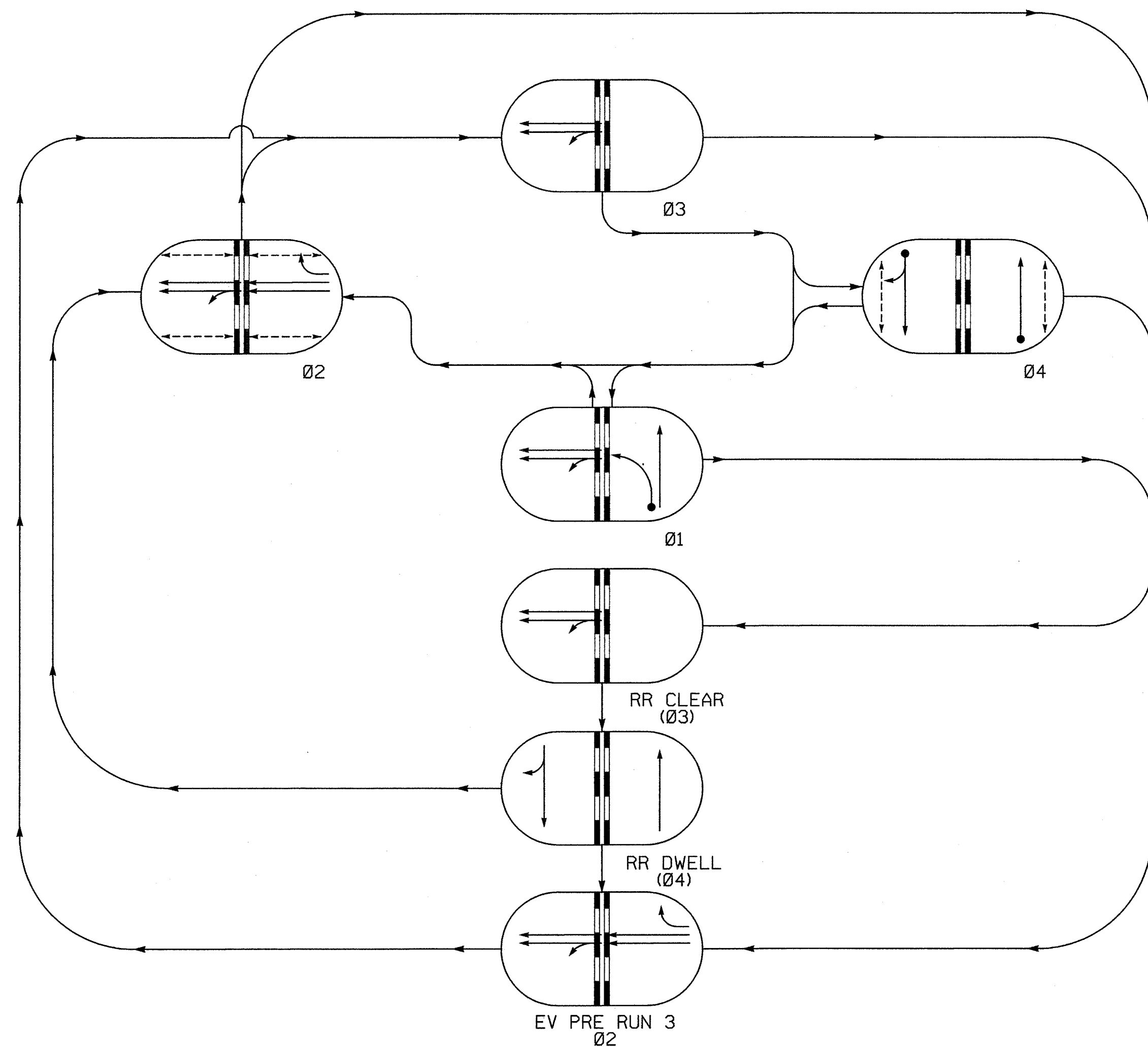
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Raleigh, North Carolina 27609
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SIGNAL UPGRADE - (SHEET 1 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
STG. INVENTORY NO.	208	REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- ◄● DETECTED MOVEMENT
- ◄◄ UNDETECTED MOVEMENT (OVERLAP)
- ◄- - - UNSIGNALIZED MOVEMENT
- ◄- - - PEDESTRIAN MOVEMENT
- ▬ RAILROAD TRACKS

TIMING CHART NEMA CONTROLLER				
PHASE	1	2	3	4
MINIMUM GREEN*	7 SEC.	11 SEC.	5 SEC.	7 SEC.
PASSAGE GAP*	2.0 SEC.	- SEC.	- SEC.	2.0 SEC.
YELLOW CHANGE INT.	3.1 SEC.	3.8 SEC.	3.9 SEC.	3.1 SEC.
RED CLEARANCE	1.7 SEC.	1.0 SEC.	1.0 SEC.	1.7 SEC.
MAX. I*	10 SEC.	25 SEC.	5 SEC.	25 SEC.
RECALL POSITION	NONE	MAXPED RECALL	MAX. RECALL	NONE
VEHI. CALL MEMORY	NONLOCK	NONLOCK	NONLOCK	NONLOCK
WALK*	- SEC.	7 SEC.	- SEC.	7 SEC.
FLASHING DON'T WALK	- SEC.	4 SEC.	- SEC.	7 SEC.
VOLUME DENSITY	OFF	OFF	OFF	OFF
ACTUATION B4 ADD	- VEH.	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION*	- SEC.	- SEC.	- SEC.	- SEC.
MAX. INITIAL*	- SEC.	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION*	- SEC.	- SEC.	- SEC.	- SEC.
TIME TO REDUCE*	- SEC.	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- SEC.	- SEC.	- SEC.

* These values may be field adjusted. Do not adjust Min Green and PassageGap times for phase 2 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

SIGNAL FACE	PHASE									
	01	02	03	04	RR CLEAR	RR DWELL	EV PRE RUN 3	EV PRE RUN 1	EV PRE RUN 2	EV PRE RUN 3
11	-R	-R	-R	-R	-R	-R	-R	-R	-R	-R
21,22	R	G	R	R	R	R	R	G	Y	
31,32	G	G	G	R	G	R	G	R	G	Y
41,42	R	R	R	G	R	G	R	R		
43,44	G	R	R	G	R	G	R	R		
P21,P22	DW	W	DW	DW	DW	DW	DW	DRK		
P23,P24	DW	W	DW	DW	DW	DW	DW	DRK		
P25,P26	DW	W	DW	DW	DW	DW	DW	DRK		
P27,P28	DW	W	DW	DW	DW	DW	DW	DRK		
P41,P42	DW	DW	DW	W	DW	DW	DW	DRK		
P43,P44	DW	DW	DW	W	DW	DW	DW	DRK		

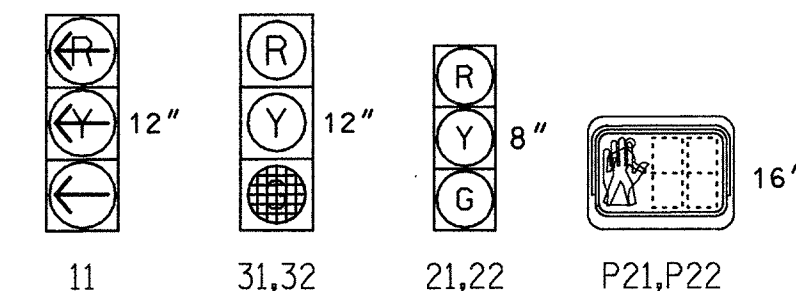
W - Walk
DW - Don't Walk
DRK - Dark

**4 Phase
Semi-Actuated
with Railroad Preemption
and Emergency Vehicle Preemption
(Rocky Mount Signal System)**

SIGNAL FACE I.D.

All Heads L.E.D.

Denotes Optically Programmed



* Install push button and sign.



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**SIGNAL PLAN
HILL ST/
WESTERN AVE
AT MAIN ST**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

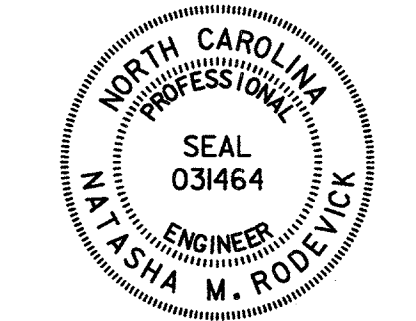
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

RAILROAD PREEMPTION	
FUNCTION	SECONDS
Delay Before Preempt	0
Ped. Clear Before Preempt	8
Min. Green Before Preempt	1
Yellow Clear Before Preempt	0.0*
Red Clear Before Preempt	0.0*
Track Clearance Green	12
Track Clearance Yellow	3.9
Track Clearance Red	1.0
Preempt Dwell Min. Green	7
Yellow Clr After Preempt	3.1
Red Clear After Preempt	1.7
Ped Clear Through Yellow	Y

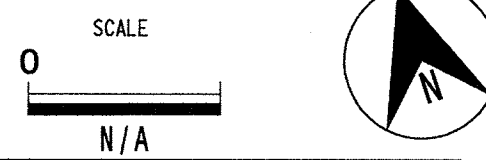
* Clearance time defaults to times used for phase during normal operation.

NEMA EV PREEMPTION	
FUNCTION	EV PRE 1 RUN 3
Delay Before Preempt	0
Ped. Clear Before Preempt	7
Min. Green Before Preempt	1
Yellow Clear Before Preempt	0.0*
Red Clear Before Preempt	0.0*
Preempt Dwell Min. Green	10
Yellow Clr After Preempt	3.9
Red Clr After Preempt	1.0
Ped Clear Through Yellow	Y
Preempt Extend**	5.0

* Clearance time defaults to times used for phase during normal operation.
** Program Timing on Optical Detection Unit



N. M. Rodevick 4.22.10
SIGNATURE DATE



CV 10.8

SIGNAL UPGRADE - (SHEET 2 OF 2)

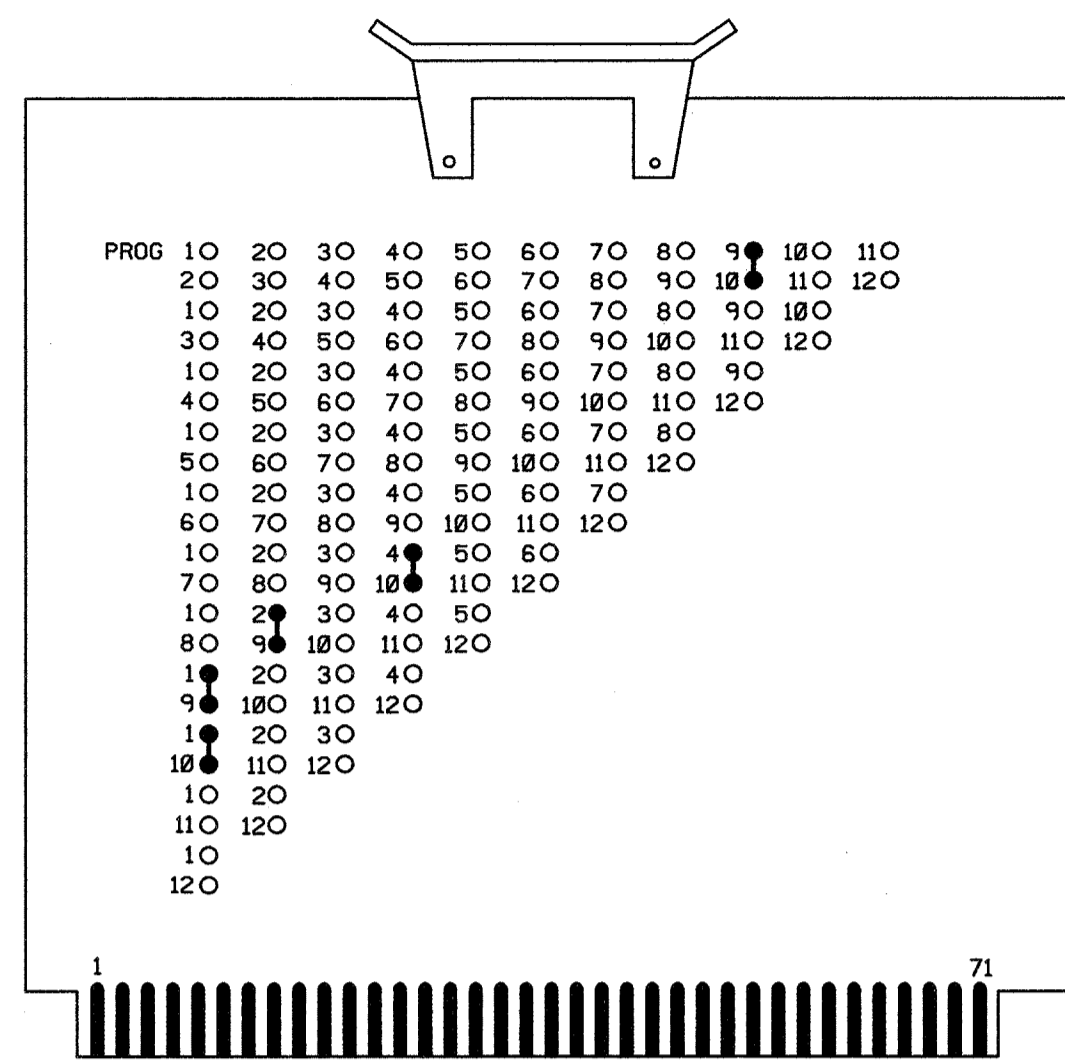
Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	208	REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
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NEMA* CONFLICT MONITOR PROGRAMMING CARD

(install jumpers as shown below)

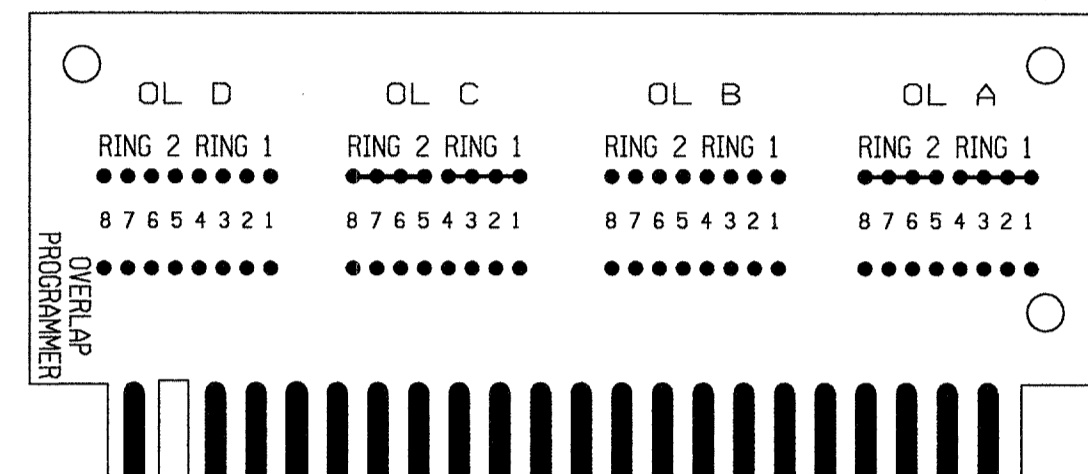


* NOTE: MONITOR SHALL BE PROGRAMMED FOR FULL SIGNAL SEQUENCE MONITORING. (NEMA+)

EQUIPMENT INFORMATION

CONTROLLER.....PEEK TRAFFIC 3000
 CABINET.....TRANSYT CORPORATION TS-1
 DWG #CW-3739
 CABINET MOUNT.....BASE
 LOADBAY POSITIONS.....16
 LOAD SWITCHES USED.....1,2,4,9,10,13,14
 PHASES USED.....1,2,3*,4
 PEDS USED.....2,4
 OVERLAP A.....1+2+3
 OVERLAP B.....1+4
 OVERLAP C.....NOT USED
 OVERLAP D.....NOT USED
 * PHASES USED FOR TIMING PURPOSES ONLY

NEMA OVERLAP CARD



OVERLAP CARD SHALL BE COMPLETELY BLANK
 OVERLAPS ARE PROGRAMMED IN THE CONTROLLER SOFTWARE

FIELD CONNECTION HOOK-UP CHART

CHANNEL	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
PHASE	8 PED	6 PED	4 PED	2 PED	OLD	OLC	OLB	OLA	8	7	6	5	4	3	2	1
SIGNAL HEAD NO.	NU	NU	P41,P42, P43,P44	P21,P22, P23,P24, P25,P26, P27,P28	NU	NU	43,44	31,32	NU	NU	NU	NU	41,42	NC	21,22	11
TERMINAL STRIP	TB18	TB17	TB18	TB17	TB14	TB14	TB14	TB14	TB12	TB12	TB12	TB12	TB9	TB9	TB9	TB9
GREEN								9	12				3		9	
YELLOW							8	11					2		8	
RED							7	10					1		7	
RED ARROW																10
YELLOW ARROW																11
GREEN ARROW																12
PEDESTRIAN				6	6											
WALK				4	4											

NU = NOT USED
 NC = NOT CONNECTED, USED FOR TIMING PURPOSES ONLY.

PEEK TRAFFIC 3000 SERIES CONTROLLER OVERLAPS

(program controller as shown below)

PROGRAM MENU (PRESS 9 FOR INDEX)
 1. CONTROLLER 5. COMM/SYSTEM SETUP
 2. COORDINATION 6. UNIT CONFIG/SEC. CODE
 3. TIME OF DAY 7. I/O STEERING
 4. PREEMPTION 8. UTILITIES

CONTROLLER MENU
 1. SEQUENCE/STARTUP 6. DUAL ENTRY
 2. PHASE RECALLS/MODES 7. COND. SERVICE
 3. PHASE TIMES 8. PED OPTIONS
 4. DETECTORS 9. ENHANCED OPTIONS
 5. OVERLAPS

OVERLAP MENU
 1. STANDARD OVERLAPS 3. PED OVERLAPS
 2. DOUBLE CLEARANCE OVERLAP MENU

OVERLAP FUNCTIONS
 START-UP INTERVAL: 2 (0=RED, 1=YEL, 2=GRN)
 O/L CARD ENABLE: N (YES/NO)
 ALTERNATE FLASH RATE: 0 (0-300 FPM)
 PGDN FOR OVERLAPS A-P

continued at top right

OVERLAP A (1 OF 16) FLASH CODE (0-7): 0
 MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
 GRN: 0 YEL: 0.0 RED: 0.0
 VALUE (YES/NO) 1 1 1 1 1 1 1 1
 FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 PARENTS X X X
 FL ENAB

OVERLAP B (2 OF 16) FLASH CODE (0-7): 0
 MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
 GRN: 0 YEL: 0.0 RED: 0.0
 VALUE (YES/NO) 1 1 1 1 1 1 1 1
 FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 PARENTS X . . X
 FL ENAB

OVERLAP C (3 OF 16) FLASH CODE (0-7): 0
 MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
 GRN: 0 YEL: 0.0 RED: 0.0
 VALUE (YES/NO) 1 1 1 1 1 1 1 1
 FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 PARENTS
 FL ENAB

OVERLAP D (4 OF 16) FLASH CODE (0-7): 0
 MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
 GRN: 0 YEL: 0.0 RED: 0.0
 VALUE (YES/NO) 1 1 1 1 1 1 1 1
 FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
 PARENTS
 FL ENAB

end of programming

TYPICAL CONNECTION CHART FOR DETECTORS

PIN FUNCTION	LOOP PANEL TERMINATION
AC+	AC+
AC-	AC-
CHASSIS GROUND	CHASSIS GROUND
LOOP INPUT	LOOP
LOOP INPUT	LOOP
RELAY NORMALLY OPEN	VEHICLE CALL INPUT
RELAY COMMON	LOGIC GROUND
TIMER INHIBIT	ASSOCIATED PHASE GREEN

NOTE:
 THE TIMER INHIBIT WIRE SHALL BE CONNECTED TO THE ASSOCIATED PHASE GREEN LOAD SWITCH OUTPUT WHEN ONLY DELAY OPERATION IS REQUIRED UNLESS OTHERWISE SPECIFIED BY THE LOOP AND DETECTOR UNIT INSTALLATION CHART.

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 208
 DESIGNED: October 2008
 SEALED: 04-22-10
 REVISED:

NOTES

- TO PREVENT "FLASH-CONFLICT" PROBLEMS, WIRE ALL UNUSED PHASES AND OVERLAPS TO FLASH RED. VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH SIGNAL PLANS.
- TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED LOAD SWITCH RED OUTPUTS 3,5,6,7,8,11, AND 12 TO LOAD SWITCH AC+ BY INSERTING A JUMPER PLUG IN THE UNUSED LOAD SWITCH SOCKET FROM PIN 1 (LS AC+) TO PIN 3 (RED OUT). MAKE SURE ALL FLASH TRANSFER RELAYS ARE IN PLACE.
- PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
- SET POWER-UP TIME TO 10 SECONDS AND IMPLEMENT ON THE CONFLICT MONITOR. SET CONTROLLER POWER-UP FLASH TIME TO 0 SECONDS.
- ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
- WIRE DETECTORS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO ACCOMPLISH THE DETECTION SCHEMES SHOWN ON THE SIGNAL DESIGN PLANS.
- SET ALL DETECTOR UNIT CHANNELS TO "PRESENCE" MODE.
- THIS CABINET AND CONTROLLER ARE PART OF THE ROCKY MOUNT SIGNAL SYSTEM.
- THE 'OPTICOM' DETECTOR UNIT IS EXISTING AND IS USED TO INITIALIZE EMERGENCY VEHICLE PREEMPTION PHASING.
- SEE SHEET 2 OF 3 AND 3 OF 3 FOR RAILROAD AND EMERGENCY VEHICLE PREEMPTION CONTROLLER PROGRAMMING AND WIRING.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WIRING PLANS HILL ST/ WESTERN AVE AT MAIN ST

PROJECT NUMBER:

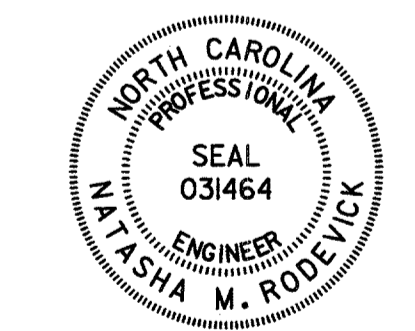
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

REVISED: #	COMMENTS:
1	
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Signature: N.M. Rodevick DATE: 4-22-10

SCALE
 0
 N/A

CV 10.9

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SIGNAL UPGRADE - (SHEET 1 OF 3)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	208	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

PEEK TRAFFIC 3000 SERIES CONTROLLER - RAILROAD PREEMPTION PROGRAMMING

(program controller as shown below)
cont'd. from bottom left

PROGRAM MENU (PRESS 9 FOR INDEX)
1. CONTROLLER 5. COMM/SYSTEM SETUP
2. COORDINATION 6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY 7. I/O STEERING
4. PREEMPTION 8. UTILITIES

TO VIEW OR ENTER PREEMPTION RUN
ENTER 1-6: 1
TO ERASE ONE PREEMPTION RUN
ENTER 1-6: .
TO ERASE ALL PREEMPTION RUNS
ENTER 99: ..

PREEMPTION RUN 1 MENU
1. PER RUN DATA
2. INTERVAL DATA
3. FLASH PLAN FOR RUN 1
WHEN CHANGING RUN DATA, DISABLE RUN
UNDER PER RUN DATA

PER RUN 1 MENU
1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION
3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS

RUN 1 ENABLE,RR,LOCK,PRIORITY
VALUE(YES/NO)
RUN ENABLE: Y* OVERRIDE FLASH: N
RAILROAD: N GO TO HIGHER PE: N
PE INPUT LOCK: N NEMA PRIORITY: Y
MAX INTERVALS: 6 USER PRIORITY: 1
VALUE(0-32) VALUE(1-6)

PER RUN 1 MENU
1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION
3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS

RUN 1 DURATION, RESERVICE, PE DELAY
DURATION PREEMPT DELAY RESERVICE
0 0 0
(0-255 SECS) (0-255 SECS) (0-255 SECS)
DURATION TIMER USED AS GAP TIMER: N

* DENOTES RUN ENABLE MUST BE SET TO "N" BEFORE PREEMPT DATA CAN BE ENTERED.

continued at top right

PER RUN 1 MENU
1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION
3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS

RUN 1 MINIMUM ENTRY TIMES
INHIBIT DOUBLE CLR O/L ENTERING PE: N
GREEN YELLOW RED PED CLR O/L YEL
1.0 3.8 1.0 7 0.0
(0-----25.5 SECS) (0-255 SECS) (0-255 SECS)

PER RUN 1 MENU
1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION
3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS

RUN 1 PER INTERVAL DATA VALUE(YES/NO)
PGDN FOR MORE 1 1 1 1 1 1 1 1
FUN/INTV 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
VALID X X X X X X
DWELL . . . X
FIXED X X X X X X
TENTH . X X . X X
SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

RUN 1 PER INTERVAL DATA VALUE(YES/NO)
FUN/INTV 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
EXIT . . . X X X
PC->YEL
SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

PER RUN 1 MENU
1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION
3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS

RUN 1 EXIT CONTROLS
EXIT MODE: 0 0 = GO TO EXIT PHASES
1 = GO TO NEXT DEMAND
2 = RESUME INTERRUPTED SEQ.
VALUE(YES/NO) 1 1 1 1 1 1 1 1
PHASES . X
CALLS

1. PER RUN DATA
2. INTERVAL DATA
3. FLASH PLAN FOR RUN 1
WHEN CHANGING RUN DATA, DISABLE RUN
UNDER PER RUN DATA

RUN 1 INTERVAL 1 VALID: X DWELL: .
TENTHS: . PC->YEL: . EXIT: . FIXED: X
TIME: 12 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
COLOR . . G
PED COL

PGDN FOR OVERLAPS
continued at top right

cont'd. from bottom left

RUN 1 INTERVAL 1 VALID: X DWELL: .
TENTHS: . PC->YEL: . EXIT: . FIXED: X
TIME: 12 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR G
PED COL

PGDN FOR PE OUTS
PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 2 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 3.9 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1
COLOR . . Y
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 2 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 3.9 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR Y
PED COL

PGDN FOR PE OUTS
PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 3 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.0 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1
COLOR
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 3 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.0 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR
PED COL

PGDN FOR PE OUTS
PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 4 VALID: X DWELL: X
TENTHS: . PC->YEL: . EXIT: X FIXED: X
TIME: 7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR . G
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 4 VALID: X DWELL: X
TENTHS: . PC->YEL: . EXIT: X FIXED: X
TIME: 7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR . G
PED COL

PGDN FOR PE OUTS
PGDN FOR NEXT INTERVAL

cont'd. from bottom left

RUN 1 INTERVAL 5 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 3.1 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1
COLOR . . . Y
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 5 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 3.1 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR . Y
PED COL

PGDN FOR PE OUTS
PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 6 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1
COLOR
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 6 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR
PED COL

PGDN FOR PE OUTS

RUN 1 INTERVAL 6 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR
PED COL

PGDN FOR OVERLAPS

RUN 1 INTERVAL 6 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR
PED COL

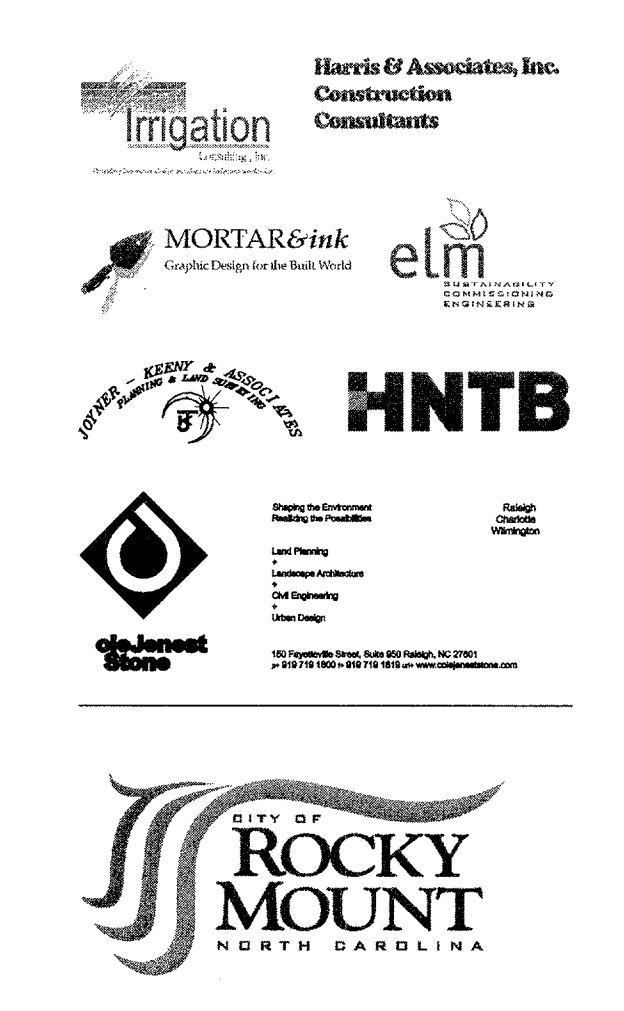
PGDN FOR PE OUTS

RUN 1 INTERVAL 6 VALID: X DWELL: .
TENTHS: X PC->YEL: . EXIT: X FIXED: X
TIME: 1.7 PH FLASH: . PED FLASH: .
VALUE(O = R/D, 1 = Y/P, 2 = G/W)
FUNC/OL A B C D E F G H I J K L M N O P
COLOR
PED COL

PGDN FOR OVERLAPS

end of railroad preemption programming

NOTE :
THERE IS NO PROGRAMMING REQUIRED FOR 'PE OUTS' FOR ANY INTERVAL



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT
PHASE II

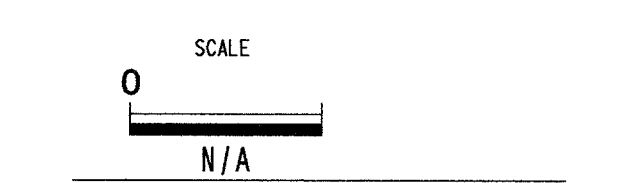
WIRING PLANS HILL ST/ WESTERN AVE AT MAIN ST

PROJECT NUMBER: 50219
ISSUED: 04.22.10
REVISED: # COMMENTS:

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Signature: Asha M. Rodevick
Date: 4-22-10



CV 10.10

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THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 208
DESIGNED: October 2008
SEALED: 04-22-10
REVISED:

SIGNAL UPGRADE - (SHEET 2 OF 3)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	208	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

Prepared by:
HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PEEK TRAFFIC 3000 SERIES CONTROLLER - EMERGENCY VEHICLE PREEMPTION PROGRAMMING
(program controller as shown below)

PROGRAM MENU (PRESS 9 FOR INDEX)

1. CONTROLLER	5. COMM/SYSTEM SETUP
2. COORDINATION	6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY	7. I/O STEERING
4. PREEMPTION	8. UTILITIES

TO VIEW OR ENTER PREEMPTION RUN ENTER 1-6: 3
 TO ERASE ONE PREEMPTION RUN ENTER 1-6: .
 TO ERASE ALL PREEMPTION RUNS ENTER 99: ..

PREEMPTION RUN 3 MENU

1. PER RUN DATA
2. INTERVAL DATA
3. FLASH PLAN FOR RUN 3 WHEN CHANGING RUN DATA, DISABLE RUN UNDER PER RUN DATA

PER RUN 3 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 3 ENABLE,RR,LOCK,PRIORITY VALUE(YES/NO)

RUN ENABLE: Y*	GO TO HIGHER PE: Y
RAILROAD: N	NEMA PRIORITY: Y
PE INPUT LOCK: Y	
MAX INTERVALS: 3	USER PRIORITY: 2
VALUE(0-32)	VALUE(1-6)

PER RUN 3 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

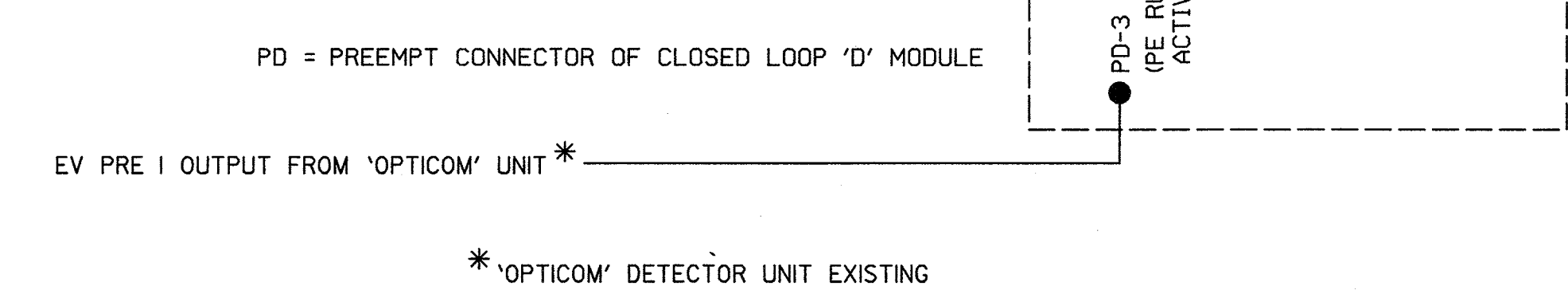
RUN 3 DURATION, RESERVE, PE DELAY

DURATION	PREEMPT DELAY	RESERVE
0	0	0
(0-255 SECS)	(0-255 SECS)	(0-255 SECS)

DURATION TIMER USED AS GAP TIMER: N

* DENOTES RUN ENABLE MUST BE SET TO "N" BEFORE PREEMPT DATA CAN BE ENTERED.

EMERGENCY VEHICLE PREEMPTION WIRING DETAIL
(WIRE AS SHOWN)



PER RUN 3 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 3 MINIMUM ENTRY TIMES INHIBIT DOUBLE CLR O/L ENTERING PE: N

GREEN	YELLOW	RED	PED CLR	O/L YEL
1.0	3.8	1.0	7	0.0
(0-255 SECS)	(0-255 SECS)	(0-255 SECS)		

PER RUN 3 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 3 PER INTERVAL DATA VALUE(YES/NO)

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
VALID	X	X	X													
DWELL	X															
FIXED	X	X	X													
TENTH	X	X														

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

RUN 3 PER INTERVAL DATA VALUE(YES/NO)

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
EXIT	X	X	X													
PC->YEL																

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

continued at top right

PER RUN 3 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 3 EXIT CONTROLS

EXIT MODE: 0 0 = GO TO EXIT PHASE
1 = GO TO NEXT DEMAND
2 = RESUME INTERRUPTED SEQ.

VALUE(YES/NO) 1

FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

PHASES . . X

CALLS

PER RUN 3 MENU

1. PER RUN DATA
2. INTERVAL DATA
3. FLASH PLAN FOR RUN 3

WHEN CHANGING RUN DATA, DISABLE RUN UNDER PER RUN DATA

RUN 3 INTERVAL 1 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 10 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6

COLOR . G

PED COL

PGDN FOR OVERLAPS

RUN 3 INTERVAL 1 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 10 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL A B C D E F G H I J K L M N O P

COLOR G

PED COL

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

continued at top right

cont'd. from bottom left

RUN 3 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.9 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1 1 1 1 1

COLOR . Y

PED COL

PGDN FOR OVERLAPS

RUN 3 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.9 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL A B C D E F G H I J K L M N O P

COLOR Y

PED COL

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 3 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.0 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 1 1 1 1 1 1 1 1 1 1

COLOR

PED COL

RUN 3 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.0 PH FLASH: . PED FLASH: .

VALUE(0 = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL A B C D E F G H I J K L M N O P

COLOR

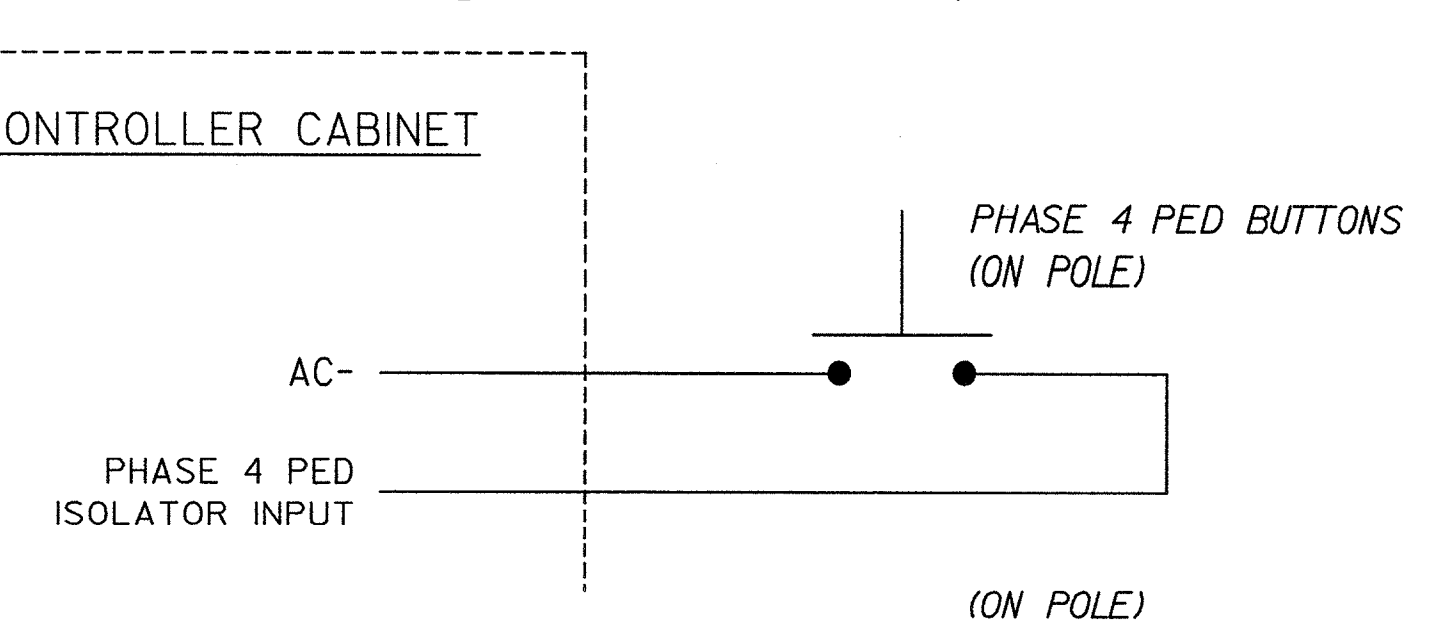
PED COL

PGDN FOR PE OUTS

end of emergency vehicle programming

NOTE :
THERE IS NO PROGRAMMING REQUIRED FOR 'PE OUTS' FOR ANY INTERVAL

PEDESTRIAN PUSH-BUTTON WIRING DETAIL
(wire push-buttons as shown below)



NOTE: MAKE SURE PED ISOLATOR CIRCUITRY IS PRESENT IN CONTROLLER/CABINET ASSEMBLY.

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 208
 DESIGNED: October 2008
 SEALED: 04-22-10
 REVISED:

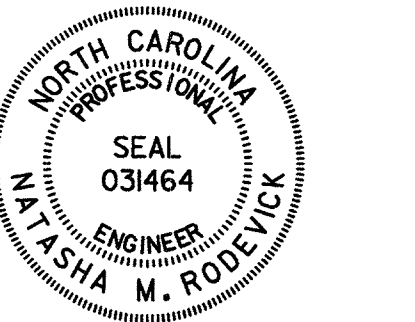
Harris & Associates, Inc. Construction Consultants
 Irrigation CONSULTANTS
 MORTAR&ink
 elm
 HNTB
 City of Rocky Mount North Carolina

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT
MAIN STREET

ISSUED FOR BIDDING
WIRING PLANS HILL ST/ WESTERN AVE AT MAIN ST

PROJECT NUMBER: 50219
 ISSUED: 04.22.10
 REVISED: # COMMENTS:

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Natasha Rodevick 4.22.10
 SIGNATURE DATE
 SCALE: N/A

CV 10.11
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Prepared by: **HNTB**
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 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

SIGNAL UPGRADE - (SHEET 3 OF 3)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	208	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Reposition existing signal heads numbered 43 and 44.
4. Set all detector units to presence mode.
5. Omit Phase 4 "WALK" and flashing "DON'T WALK" with no pedestrian calls.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
7. System Intersection Number 207.

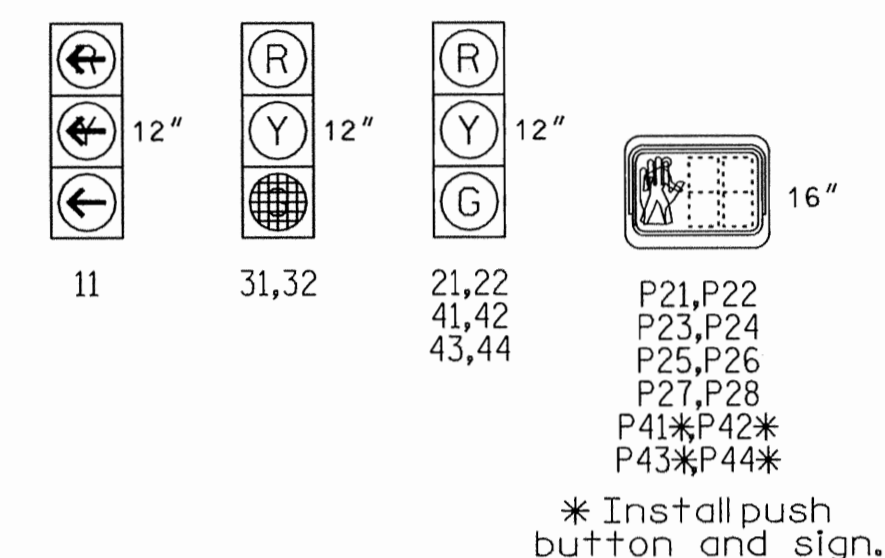
NEMA LOOP & DETECTOR UNIT INSTALLATION CHART													
NEMA CONTROLLER WITH TS-1 CABINET													
LOOP NO.	SIZE (ft)	TURNS	DIST. FROM STOPBAR (ft)	INDUCTIVE LOOPS				DETECTOR UNITS					
				NEW	EXISTING	UNIT NO.	NEMA PHASE	FEATURE	TIME	PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN?		
1A	6x40	2-4-2	0	X	-	1	X	-	01	DELAY	0 SEC	ALL	YES
4A	6x40	2-4-2	0	X	-	2	X	-	04	DELAY	0 SEC	ALL	YES
4B	6x40	2-4-2	0	X	-	2	X	-	04	DELAY	10 SEC	ALL	YES

4 Phase
Semi-Actuated
with Railroad Preemption
(Rocky Mount Signal System)

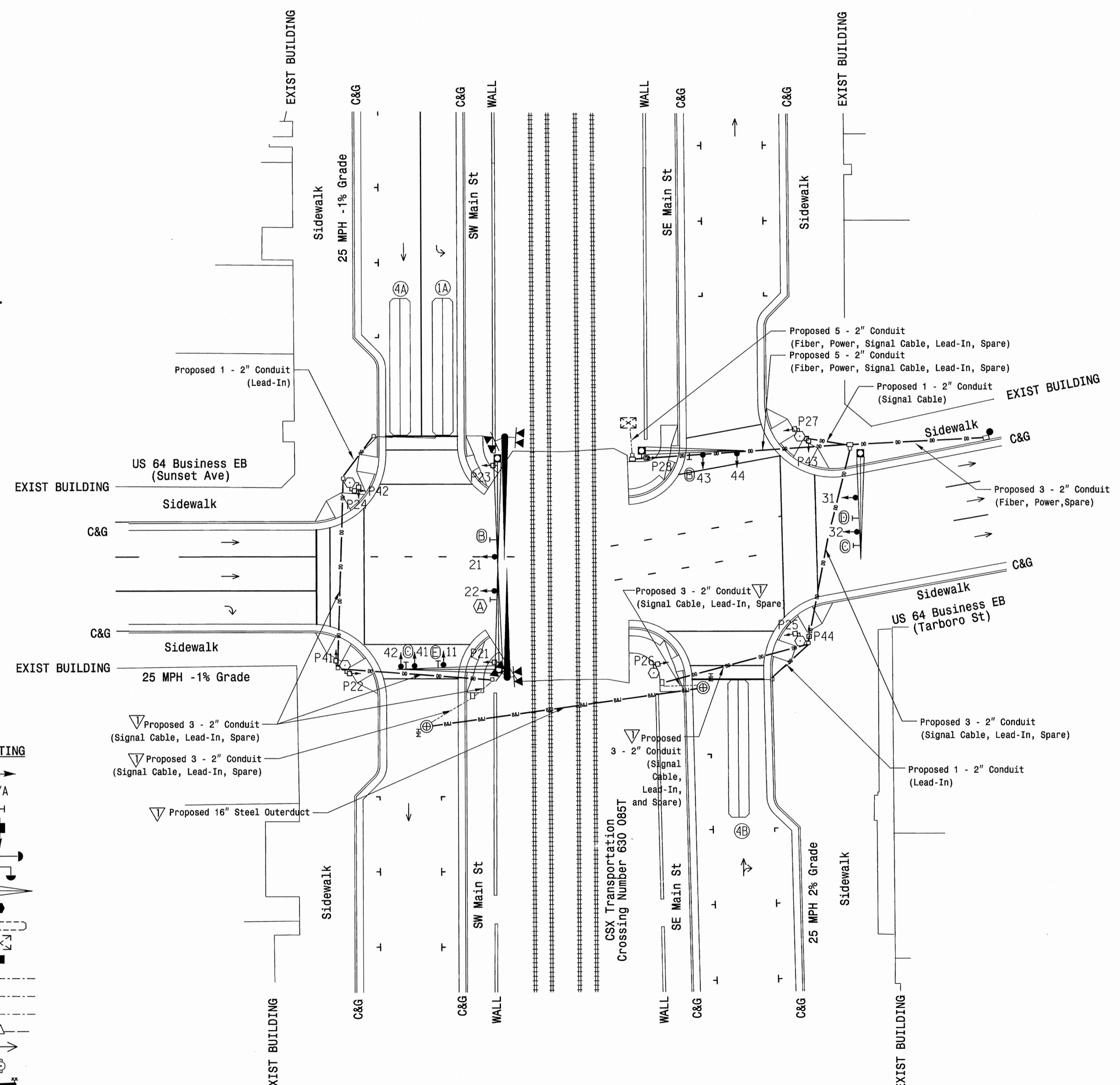
SIGNAL FACE I.D.

All Heads L.E.D.

Denotes Optically Programmed



LEGEND	
PROPOSED	EXISTING
	N/A
N/A	
N/A	
N/A	
N/A	
N/A	
	N/A
N/A	
N/A	
N/A	
N/A	



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

MAIN STREET

ISSUED FOR BIDDING

SIGNAL PLAN US 64 BUS EAST (SUNSET AVE/TARBORO ST) AT MAIN ST

PROJECT NUMBER:

50219

ISSUED:

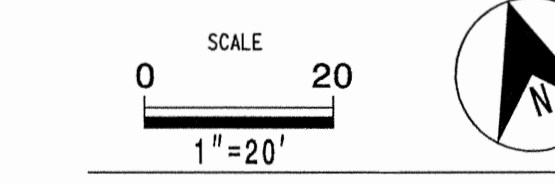
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Conduit Location
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Natasha M. Rodevick 4-22-10
SIGNATURE DATE



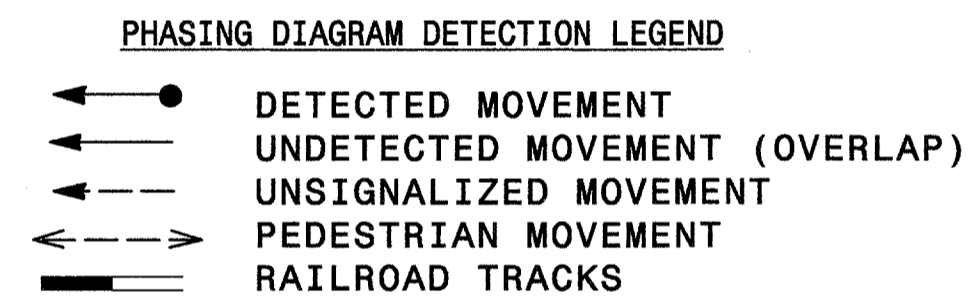
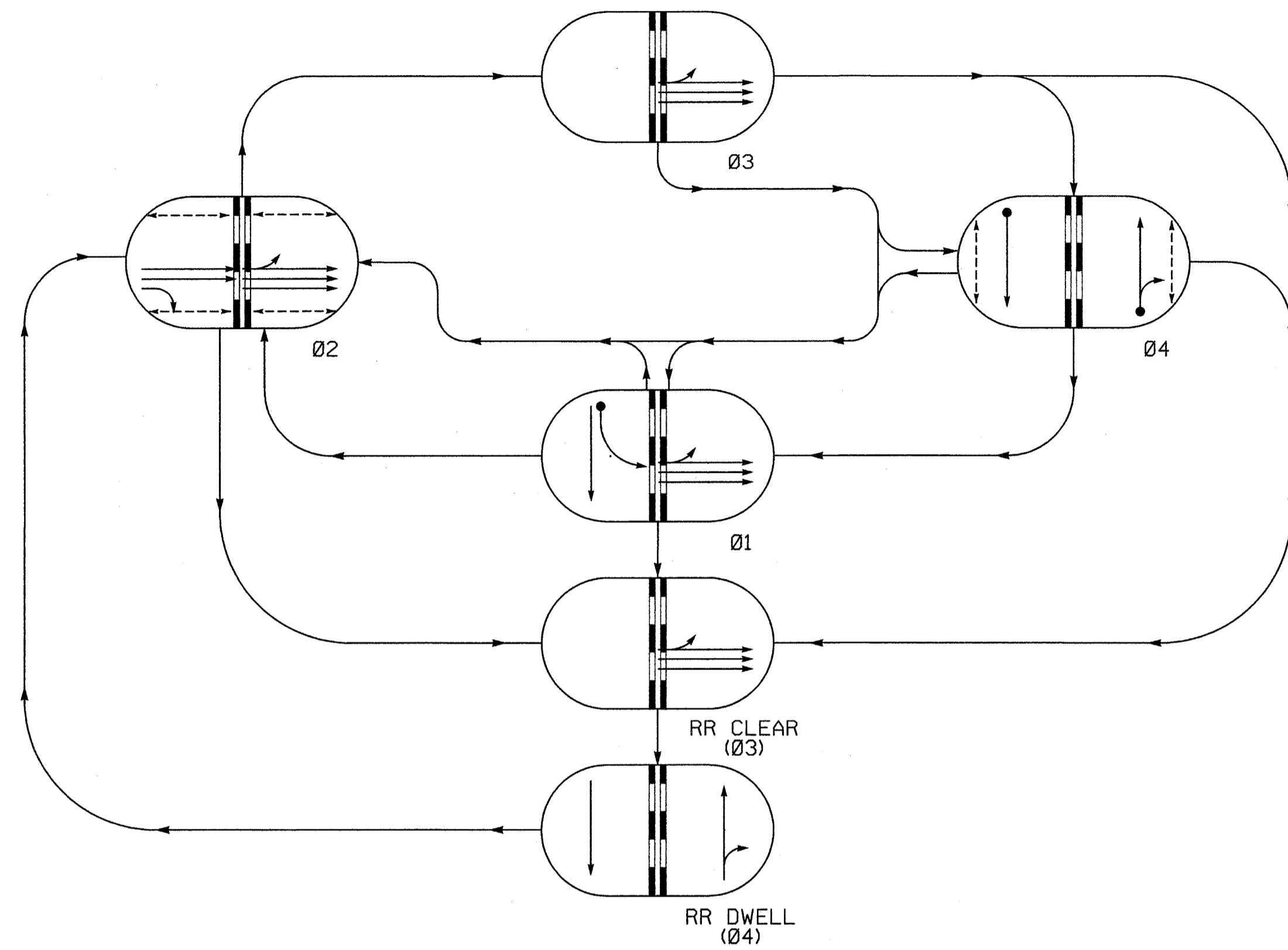
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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

SIGNAL UPGRADE - (SHEET 1 OF 2)			
Division 04 Edgecombe/Nash Co Rocky Mount			
SIG. INVENTORY NO.	04-0066	REVIEWED BY:	S.T. Franklin
PREPARED BY:	T.R. Terrell	REVIEWED BY:	N.M. Rodevick

PHASING DIAGRAM



TIMING CHART NEMA CONTROLLER				
PHASE	1	2	3	4
MINIMUM GREEN*	7 SEC.	12 SEC.	5 SEC.	7 SEC.
PASSAGE GAP*	2.0 SEC.	- SEC.	- SEC.	2.0 SEC.
YELLOW CHANGE INT.	3.2 SEC.	3.2 SEC.	3.2 SEC.	3.2 SEC.
RED CLEARANCE	1.8 SEC.	1.3 SEC.	1.0 SEC.	1.8 SEC.
MAX. I*	12 SEC.	26 SEC.	5 SEC.	11 SEC.
RECALL POSITION	NONE	MAXPED RECALL	MAX. RECALL	NONE
VEHI. CALL MEMORY	NONLOCK	NONLOCK	NONLOCK	NONLOCK
WALK*	- SEC.	7 SEC.	- SEC.	7 SEC.
FLASHING DON'T WALK	- SEC.	5 SEC.	- SEC.	9 SEC.
VOLUME DENSITY	OFF	OFF	OFF	OFF
ACTUATION B4 ADD	- VEH.	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION*	- SEC.	- SEC.	- SEC.	- SEC.
MAX. INITIAL*	- SEC.	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION*	- SEC.	- SEC.	- SEC.	- SEC.
TIME TO REDUCE*	- SEC.	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- SEC.	- SEC.	- SEC.

* These values may be field adjusted. Do not adjust Min Green and PassageGap times for phases 2 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

RAILROAD PREEMPTION	
FUNCTION	SECONDS
Delay Before Preempt	0
Ped. Clear Before Preempt	8
Min. Green Before Preempt	1
Yellow Clear Before Preempt	0.0*
Red Clear Before Preempt	0.0*
Track Clearance Green	11
Track Clearance Yellow	3.2
Track Clearance Red	1.0
Preempt Dwell Min. Green	7
Yellow Clr After Preempt	3.1
Red Clear After Preempt	1.8
Ped Clear Through Yellow	Y

* Clearance time defaults to times used for phase during normal operation.

SIGNAL FACE	PHASE							
	01	02	03	04	03	04	03	04
11	←	←	←	←	←	←	←	←
21,22	R	G	R	R	R	R	R	Y
31,32	G	G	G	R	G	R	R	Y
41,42	G	R	R	G	R	G	R	G
43,44	R	R	R	G	R	G	R	G
P21,P22	DW	W	DW	DW	DW	DW	DRK	DRK
P23,P24	DW	W	DW	DW	DW	DW	DRK	DRK
P25,P26	DW	W	DW	DW	DW	DW	DRK	DRK
P27,P28	DW	W	DW	DW	DW	DW	DRK	DRK
P41,P42	DW	DW	DW	W	DW	DW	DRK	DRK
P43,P44	DW	DW	DW	W	DW	DW	DRK	DRK

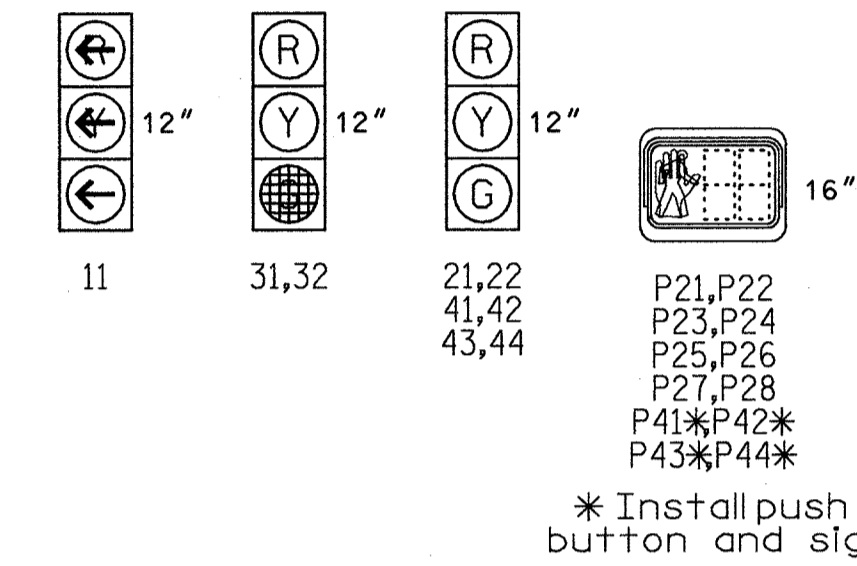
W - Walk
DW - Don't Walk
DRK - Dark

4 Phase
Semi-Actuated
with Railroad Preemption
(Rocky Mount Signal System)

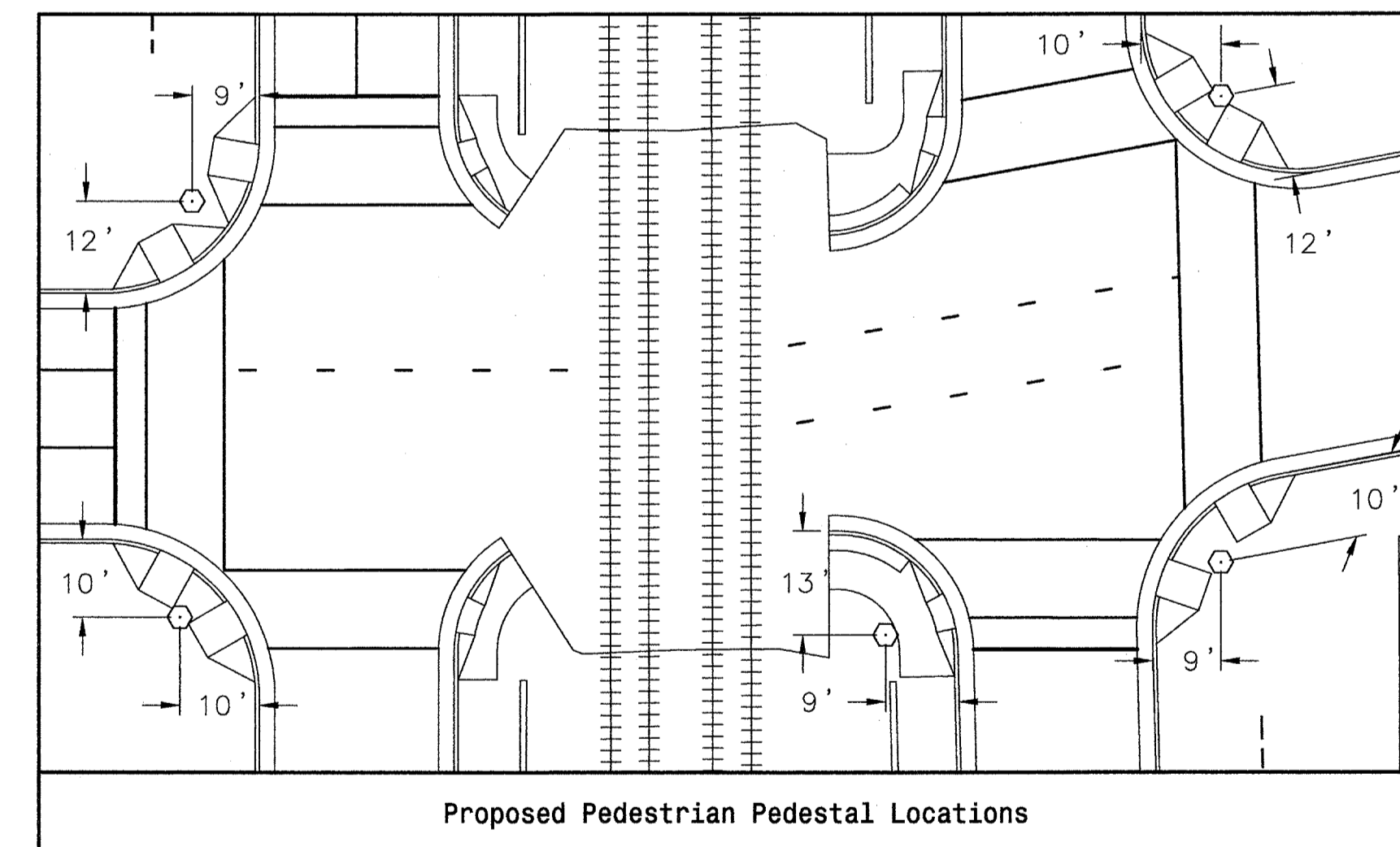
SIGNAL FACE I.D.

All Heads L.E.D.

Denotes Optically Programmed



* Install push button and sign.



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Construction Consultants

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Graphic Design for the Built World

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ColeJennett & Stone

ROCKY MOUNT
NORTH CAROLINA

URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT

MAIN STREET

ISSUED FOR BIDDING

SIGNAL PLAN
US 64 BUS EAST
(SUNSET AVE/
TARBORO ST) AT
MAIN ST

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
1		
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NORTH CAROLINA
PROFESSIONAL
SEAL
031464
ENGINEER
A. SHAM. RODEVICK

Natasha M. Rodevick
SIGNATURE DATE 4.22.10

SCALE
0 20
1"=20'

CV 10.13

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SIGNAL UPGRADE - (SHEET 2 OF 2)

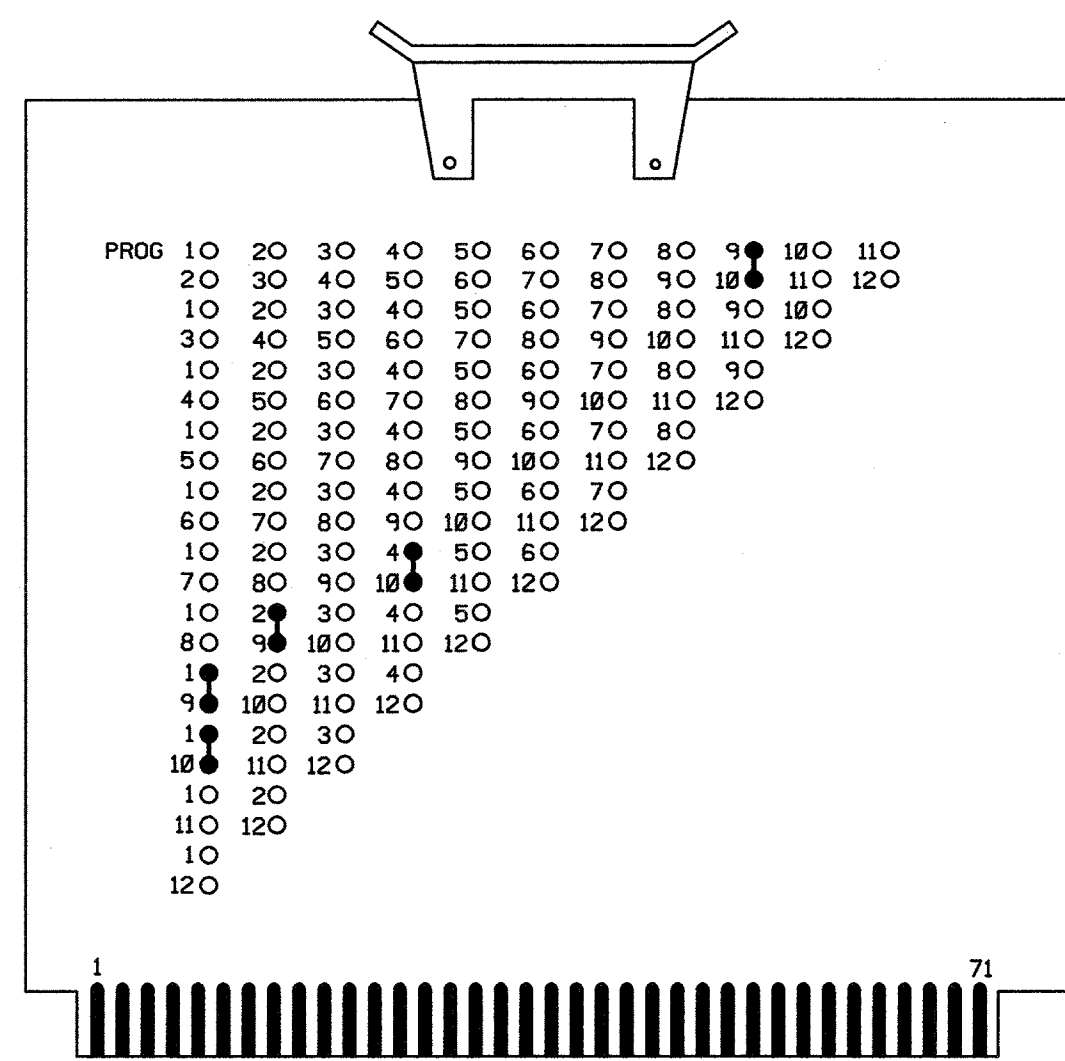
Division 04 Edgecombe/Nash Co Rocky Mount

SIG. INVENTORY NO. 04-0066 REVIEWED BY: S.T. Franklin

PREPARED BY: T.R. Terrell REVIEWED BY: N.M. Rodevick

NEMA* CONFLICT MONITOR PROGRAMMING CARD

(install jumpers as shown below)



* NOTE: MONITOR SHALL BE PROGRAMMED FOR FULL SIGNAL SEQUENCE MONITORING. (NEMA+)

NOTES

1. TO PREVENT "FLASH-CONFLICT" PROBLEMS, WIRE ALL UNUSED PHASES AND OVERLAPS TO FLASH RED. VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH SIGNAL PLANS.
2. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED LOAD SWITCH RED OUTPUTS 3,5,6,7,8,11 AND 12 TO LOAD SWITCH AC+ BY INSERTING A JUMPER PLUG IN THE UNUSED LOAD SWITCH SOCKET FROM PIN 1 (LS AC+) TO PIN 3 (RED OUT). MAKE SURE ALL FLASH TRANSFER RELAYS ARE IN PLACE.
3. PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
4. SET POWER-UP TIME TO 10 SECONDS AND IMPLEMENT ON THE CONFLICT MONITOR. SET CONTROLLER POWER-UP FLASH TIME TO 0 SECONDS.
5. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
6. WIRE DETECTORS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO ACCOMPLISH THE DETECTION SCHEMES SHOWN ON THE SIGNAL DESIGN PLANS.
7. SET ALL DETECTOR UNIT CHANNELS TO "PRESENCE" MODE.
8. THIS CABINET AND CONTROLLER ARE PART OF THE ROCKY MOUNT SIGNAL SYSTEM.
9. SEE SHEET 2 OF 2 FOR RAILROAD VEHICLE PREEMPTION CONTROLLER PROGRAMMING AND WIRING.

FIELD CONNECTION HOOK-UP CHART

CHANNEL	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
PHASE	8 PED	6 PED	4 PED	2 PED	OLD	OLC	OLB	OLA	8	7	6	5	4	3	2	1
SIGNAL HEAD NO.	NU	NU	P41,P42, P43,P44	P21,P22,P23,P24 P25,P26,P27,P28	NU	NU	41,42	31,32	NU	NU	NU	NU	43,44	NC	21,22	11
TERMINAL STRIP	TBI8	TBI7	TBI6	TBI5	TBI4	TBI4	TBI4	TBI2	TBI2	TBI2	TBI2	TBI2	TBI2	TBI2	TBI2	TBI2
GREEN							9	12					3		9	
YELLOW							8	11					2		8	
RED							7	10					1		7	
RED ARROW																10
YELLOW ARROW																11
GREEN ARROW																12
			6	6												
			4	4												

NU = NOT USED
NC = NOT CONNECTED, USED FOR TIMING PURPOSES ONLY

Harris & Associates, Inc. Construction Consultants

MORTAR&ink Graphics Design for the Built World

HNTB

Rocky Mount Signal System

ROCKY MOUNT NORTH CAROLINA

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WIRING PLANS US 64 BUS E SUNSET AVE/ TARBORO ST AT MAIN ST

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

1	
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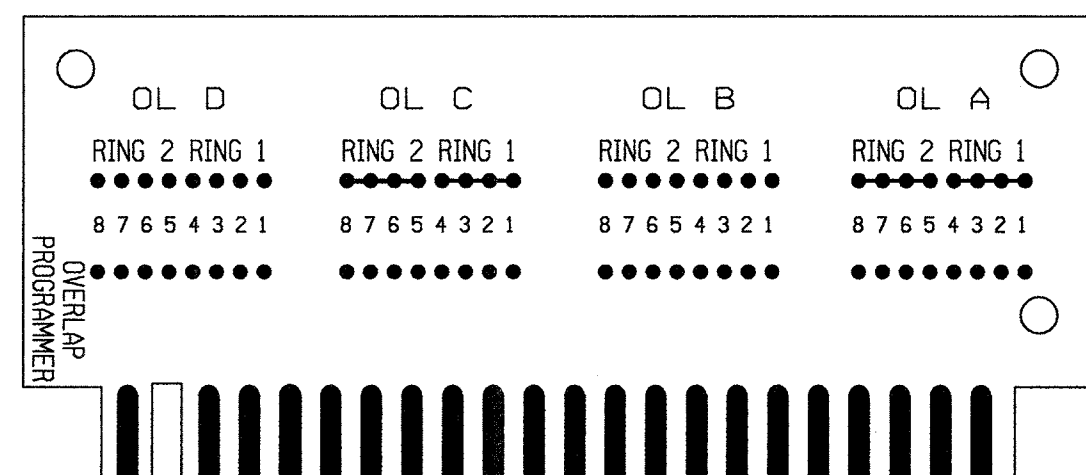
Signature: A. Sha M. Rodevick, Date: 4-22-10

SCALE: 0 N/A

CV 10.14

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NEMA OVERLAP CARD



OVERLAP CARD SHALL BE COMPLETELY BLANK OVERLAPS ARE PROGRAMMED IN THE CONTROLLER SOFTWARE

EQUIPMENT INFORMATION

CONTROLLER.....PEEK TRAFFIC 3000
CABINET.....TRANSYT CORPORATION TS-1
DWG #CW-3739
CABINET MOUNT.....BASE
LOADBAY POSITIONS.....16
LOAD SWITCHES USED.....1,2,4,9,10,13,14
PHASES USED.....1,2,3*,4
PEDS USED.....2,4
OVERLAP A.....1+2+3
OVERLAP B.....1+4
OVERLAP C.....NOT USED
OVERLAP D.....NOT USED
* PHASES USED FOR TIMING PURPOSES ONLY

PEEK TRAFFIC 3000 SERIES CONTROLLER OVERLAP PROGRAMMING

(program controller as shown below)

PROGRAM MENU (PRESS 9 FOR INDEX)
1. CONTROLLER 5. COMM/SYSTEM SETUP
2. COORDINATION 6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY 7. I/O STEERING
4. PREEMPTION 8. UTILITIES

CONTROLLER MENU
1. SEQUENCE/STARTUP 6. DUAL ENTRY
2. PHASE RECALLS/MODES 7. COND. SERVICE
3. PHASE TIMES 8. PED OPTIONS
4. DETECTORS 9. ENHANCED OPTIONS
5. OVERLAPS

OVERLAP MENU
1. STANDARD OVERLAPS 3. PED OVERLAPS
2. DOUBLE CLEARANCE OVERLAP MENU

OVERLAP FUNCTIONS
START-UP INTERVAL: 2 (0=RED, 1=YEL, 2=GRN)
O/L CARD ENABLE: N (YES/NO)
ALTERNATE FLASH RATE: 0 (0-300 FPM)
PGDN FOR OVERLAPS A-P

OVERLAP A (1 OF 16) FLASH CODE (0-7): 0
MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
GRN: 0 YEL: 0.0 RED: 0.0
VALUE (YES/NO) 1 1 1 1 1 1 1 1
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PARENTS X X X
FL ENAB

OVERLAP B (2 OF 16) FLASH CODE (0-7): 0
MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
GRN: 0 YEL: 0.0 RED: 0.0
VALUE (YES/NO) 1 1 1 1 1 1 1 1
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PARENTS X . . X
FL ENAB

end of programming

THIS ELECTRICAL DETAIL IS FOR THE SIGNAL DESIGN: 04-0066
DESIGNED: October 2008
SEALED: 04-22-10
REVISED:

continued at top right

TYPICAL CONNECTION CHART FOR DETECTORS

PIN FUNCTION	LOOP PANEL TERMINATION
AC+	AC+
AC-	AC-
CHASSIS GROUND	CHASSIS GROUND
LOOP INPUT	LOOP
LOOP INPUT	LOOP
RELAY NORMALLY OPEN	VEHICLE CALL INPUT
RELAY COMMON	LOGIC GROUND
TIMER INHIBIT	ASSOCIATED PHASE GREEN

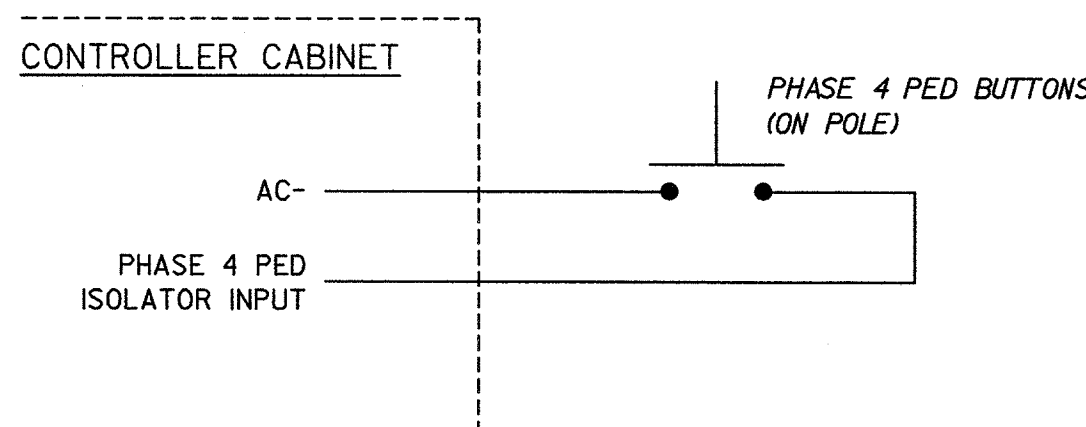
- NOTES:
1. THE TIMER INHIBIT WIRE SHALL BE CONNECTED TO THE ASSOCIATED PHASE GREEN LOAD SWITCH OUTPUT WHEN ONLY DELAY OPERATION IS REQUIRED UNLESS OTHERWISE SPECIFIED BY THE LOOP AND DETECTOR UNIT INSTALLATION CHART.
 2. IF EXTEND OPERATION IS REQUIRED, THE DELAY INHIBIT WIRE SHALL NOT BE CONNECTED.

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)



NOTE: MAKE SURE PED ISOLATOR CIRCUITRY IS PRESENT IN CONTROLLER/CABINET ASSEMBLY.

Prepared by: HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554

SIGNAL UPGRADE - (SHEET 1 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	04-0066	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated July 2006 and "Standard Specifications for Roads and Structures" dated July 2006.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Reposition existing signal heads numbered 45 and 46.
4. Set all detector units to presence mode.
5. Omit Phase 4 "Walk" and flashing "Don't Walk" with no pedestrian calls.
6. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
7. System Intersection Number 206.

NEMA LOOP & DETECTOR UNIT INSTALLATION CHART
with TS-1 CABINET

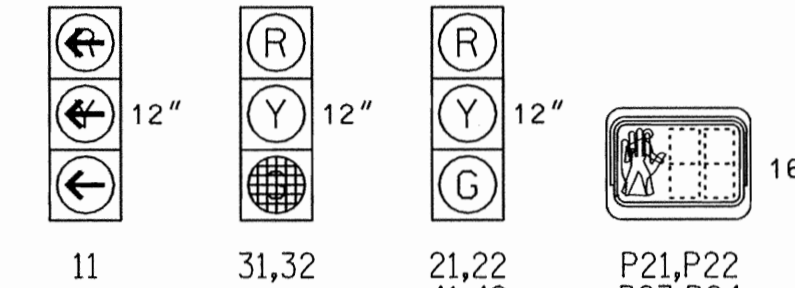
LOOP NO.	SIZE (ft)	DIST. FROM STOPBAR (ft)	TURNS	NEW EXISTING	UNIT NO.	NEW EXISTING	CHANNEL	TIMING		PLACE CALL DURING PHASE	INHIBIT DELAY DURING GREEN	
								FEATURE	TIME			
1A	6x40	2-4-2	0	X -	1	X -	1	Ø1	-	- SEC	ALL	NO
4A	6x40	2-4-2	0	X -	2	X -	1	Ø4	-	- SEC	ALL	NO
4B	6x40	2-4-2	0	X -	2	X -	2	Ø4	-	- SEC	ALL	NO
4C	6x40	2-4-2	0	X -	3	X -	1	Ø4	DELAY	10 SEC	ALL	YES

4 Phase
Semi-Actuated
with Railroad Preemption
(Rocky Mount Signal System)

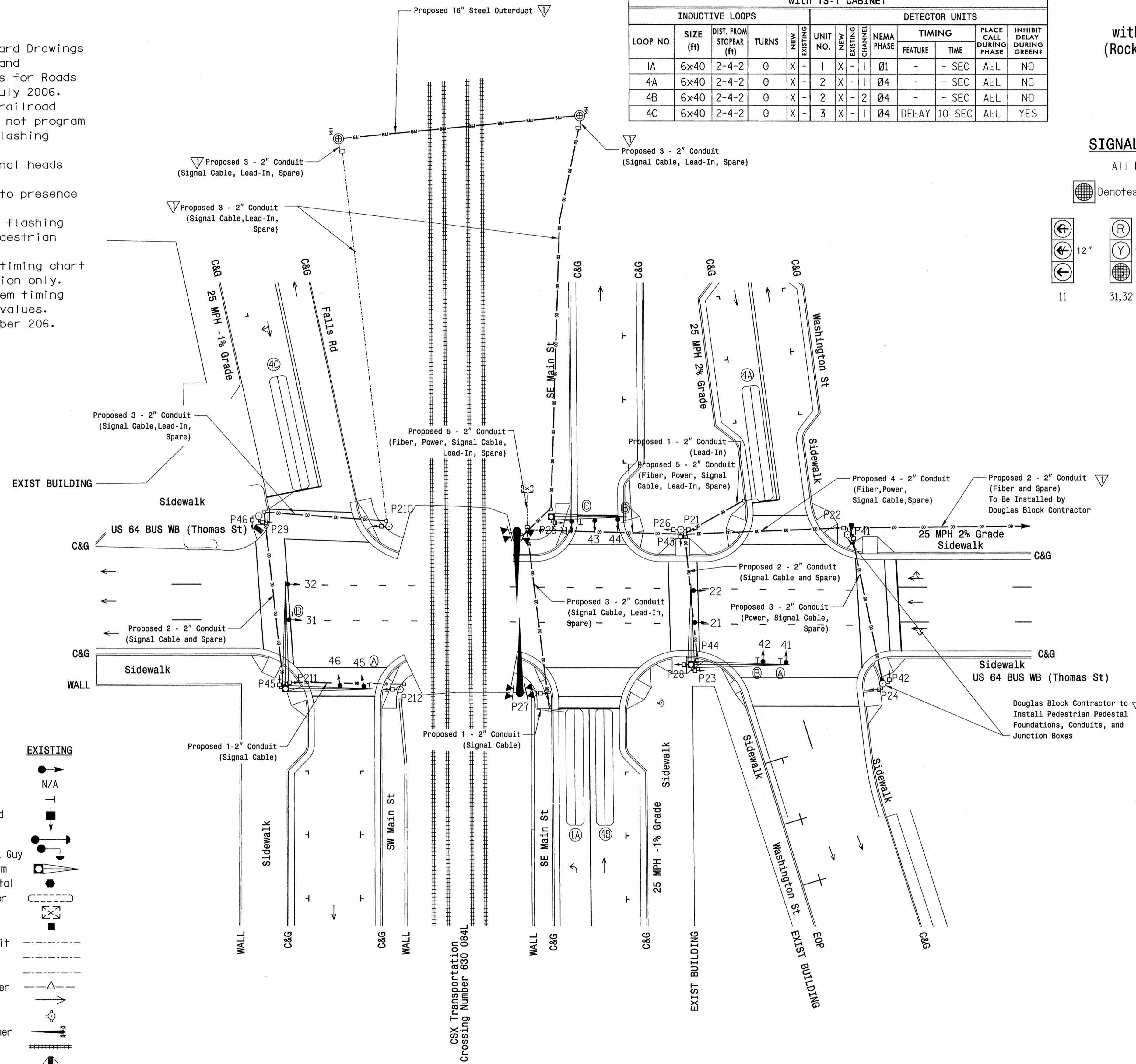
SIGNAL FACE I.D.

All Heads L.E.D.

Denotes Optically Programmed



* Install push button and sign.



LEGEND

PROPOSED	EXISTING

Harris & Associates, Inc.
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imgation

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Cole, Jenest & Stone

CITY OF ROCKY MOUNT
NORTH CAROLINA

**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

MAIN STREET

ISSUED FOR BIDDING

**SIGNAL PLAN
US 64 BUS WEST
(THOMAS ST)
AT
MAIN ST**

PROJECT NUMBER:

50219

ISSUED:

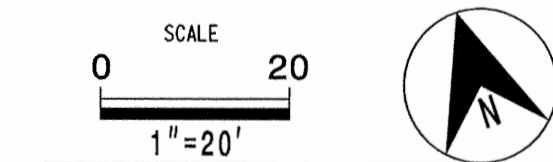
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Conduit Location
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9		
10		



Natasha M. Rodevick 4-22-10
SIGNATURE DATE



CV 10.16

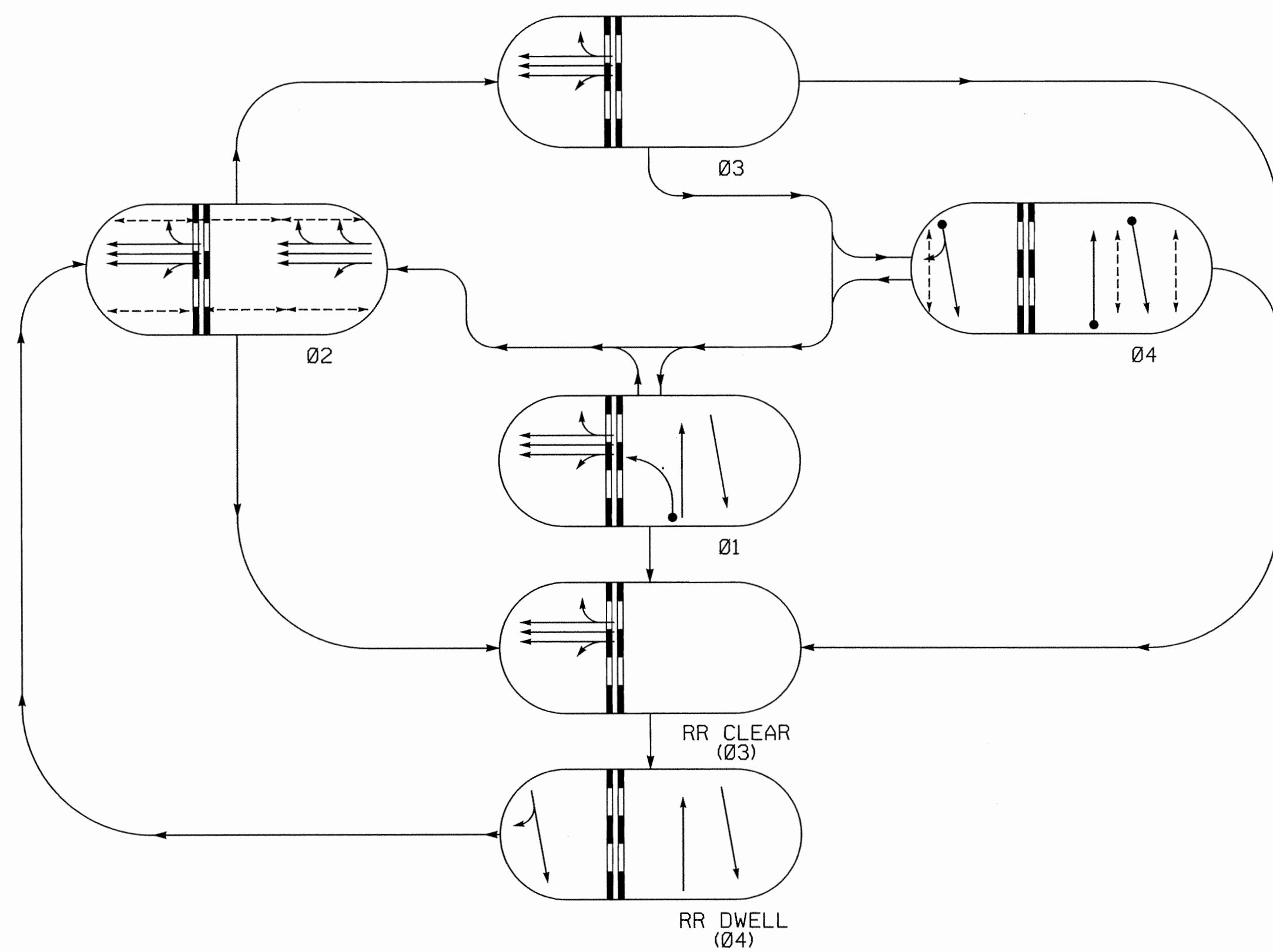
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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

SIGNAL UPGRADE - (SHEET 1 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	04-0072	REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

PHASING DIAGRAM



PHASING DIAGRAM DETECTION LEGEND

- ◀● DETECTED MOVEMENT
- ◀ UNDETECTED MOVEMENT (OVERLAP)
- ◀--- UNSIGNALIZED MOVEMENT
- ◀- - - PEDESTRIAN MOVEMENT
- ▬ RAILROAD TRACKS

TIMING CHART NEMA CONTROLLER				
PHASE	1	2	3	4
MINIMUM GREEN*	7 SEC.	11 SEC.	5 SEC.	7 SEC.
PASSAGEGAP*	2.0 SEC.	- SEC.	- SEC.	2.0 SEC.
YELLOW CHANGE INT.	3.2 SEC.	3.1 SEC.	3.2 SEC.	3.2 SEC.
RED CLEARANCE	1.7 SEC.	3.2 SEC.	1.0 SEC.	1.8 SEC.
MAX. 1"	13 SEC.	19 SEC.	5 SEC.	16 SEC.
RECALL POSITION	NONE	MAXPED RECALL	MAX RECALL	NONE
VEH. CALL MEMORY	NONLOCK	NONLOCK	NONLOCK	NONLOCK
WALK*	- SEC.	7 SEC.	- SEC.	7 SEC.
FLASHING DON'T WALK	- SEC.	8 SEC.	- SEC.	9 SEC.
VOLUME DENSITY	OFF	OFF	OFF	OFF
ACTUATION B4 ADD	- VEH.	- VEH.	- VEH.	- VEH.
SEC. PER ACTUATION*	- SEC.	- SEC.	- SEC.	- SEC.
MAX. INITIAL*	- SEC.	- SEC.	- SEC.	- SEC.
TIME B4 REDUCTION*	- SEC.	- SEC.	- SEC.	- SEC.
TIME TO REDUCE*	- SEC.	- SEC.	- SEC.	- SEC.
MINIMUM GAP	- SEC.	- SEC.	- SEC.	- SEC.

* These values may be field adjusted. Do not adjust Min Green and PassageGap times for phases 2 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

SIGNAL FACE	PHASE				Ø3 RR CLEAR	Ø4 RR DWELL	FLASH
	Ø1	Ø2	Ø3	Ø4			
11	←	←	←	←	←	←	←
21,22	R	G	R	R	R	R	Y
31,32	G	G	G	R	G	R	Y
41,42	G	R	R	G	R	G	R
43,44	G	R	G	R	G	R	R
45,46	R	R	R	G	R	G	R
P21,P22	DW	W	DW	DW	DW	DRK	
P23,P24	DW	W	DW	DW	DW	DRK	
P25,P26	DW	W	DW	DW	DW	DRK	
P27,P28	DW	W	DW	DW	DW	DRK	
P29,P210	DW	W	DW	DW	DW	DRK	
P211,P212	DW	W	DW	DW	DW	DRK	
P41,P42	DW	DW	W	DW	DW	DRK	
P43,P44	DW	DW	W	DW	DW	DRK	
P45,P46	DW	DW	W	DW	DW	DRK	

W - Walk
DW - Don't Walk
DRK - Dark

RAILROAD PREEMPTION	
FUNCTION	SECONDS
Delay Before Preempt	0
Ped. Clear Before Preempt	5
Min. Green Before Preempt	1
Yellow Clear Before Preempt	0.0*
Red Clear Before Preempt	0.0*
Track Clearance Green	11
Track Clearance Yellow	3.2
Track Clearance Red	1.0
Preempt Dwell Min. Green	7
Yellow Clr After Preempt	3.2
Red Clear After Preempt	1.8
Ped Clear Through Yellow	Y

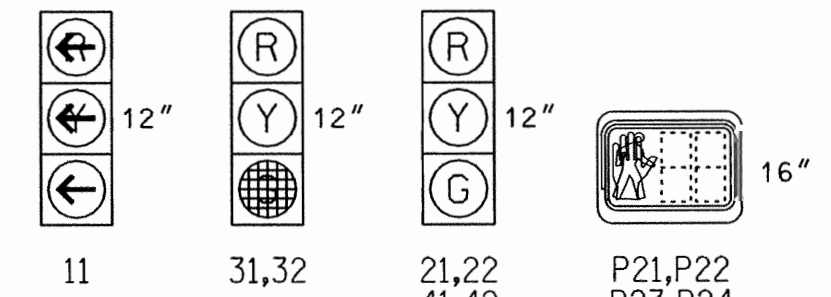
* Clearance time defaults to times used for phase during normal operation.

**4 Phase
Semi-Actuated
with Railroad Preemption
(Rocky Mount Signal System)**

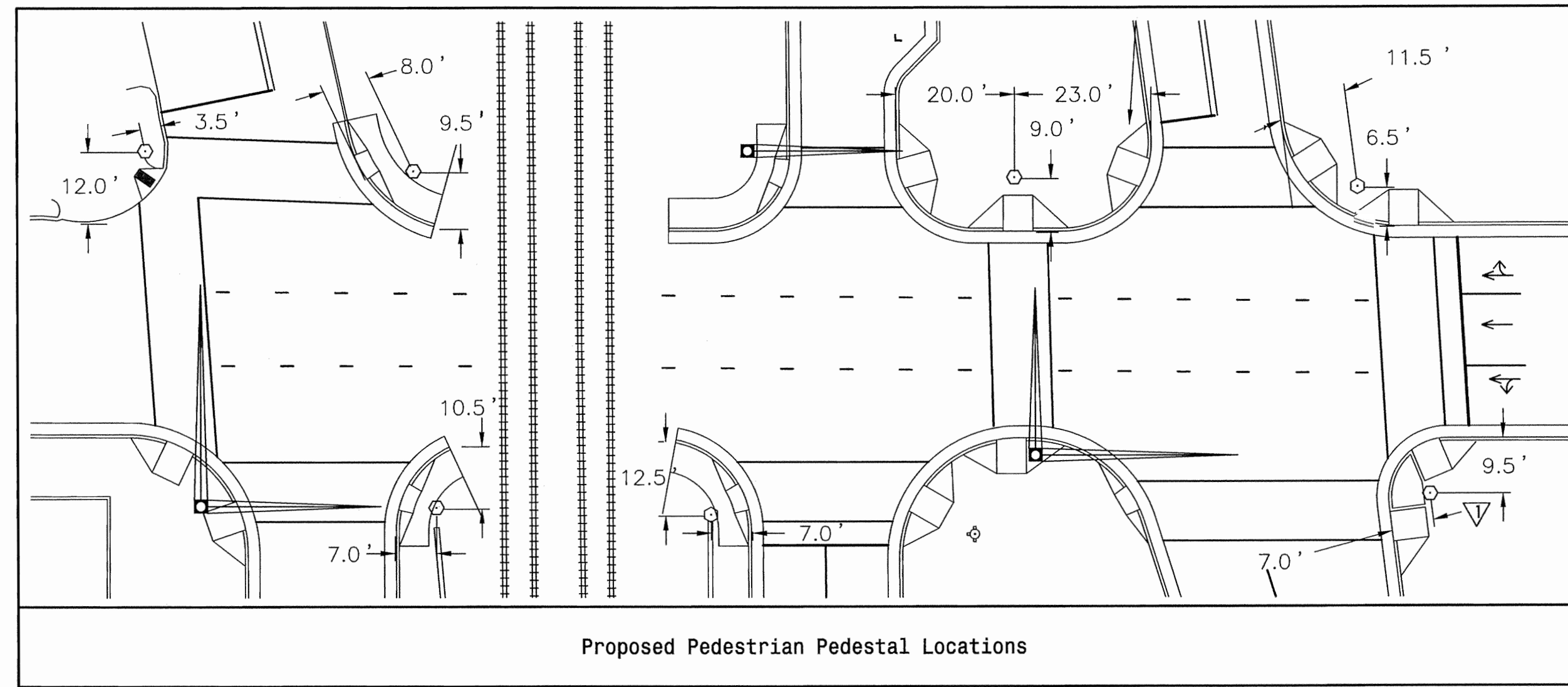
SIGNAL FACE I.D.

All Heads L.E.D.

⊗ Denotes Optically Programmed



* Install push button and sign.



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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No. C-1554

SIGNAL UPGRADE - (SHEET 2 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	04-0072	REVIEWED BY: S.T. Franklin
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

MAIN STREET

ISSUED FOR BIDDING

**SIGNAL PLAN
US 64 BUS WEST
(THOMAS ST)
AT
MAIN ST**

PROJECT NUMBER:

50219

ISSUED:

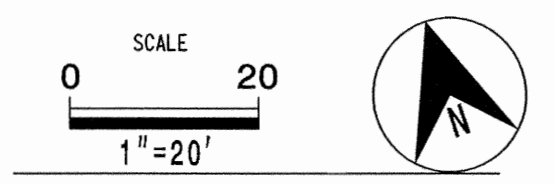
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Ped Pedestal Location
	2	
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	8	
	9	
	10	



Signature: *Natasha M. Rodevick* 4/22/10
DATE

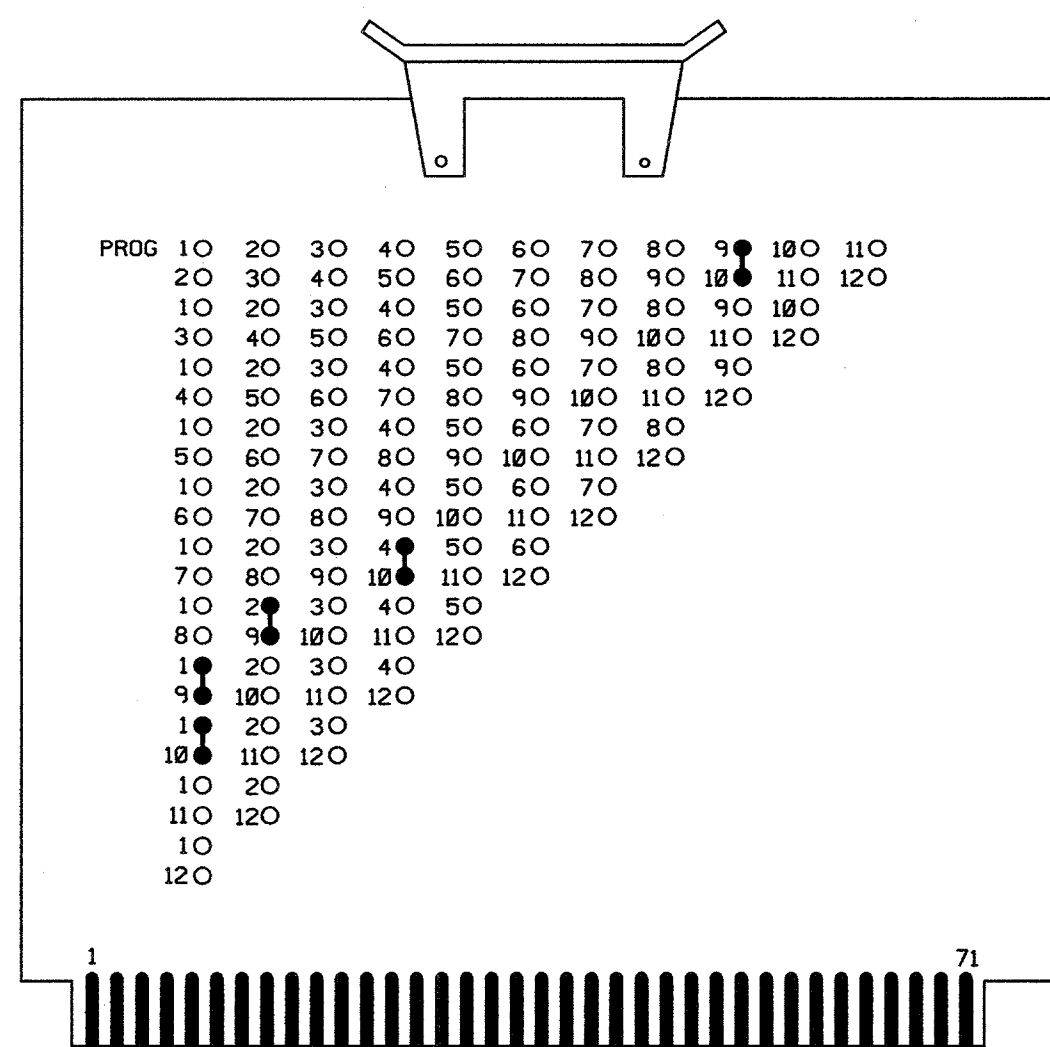


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NEMA* CONFLICT MONITOR PROGRAMMING CARD

(install jumpers as shown below)



* NOTE: MONITOR SHALL BE PROGRAMMED FOR FULL SIGNAL SEQUENCE MONITORING. (NEMA+)

NOTES

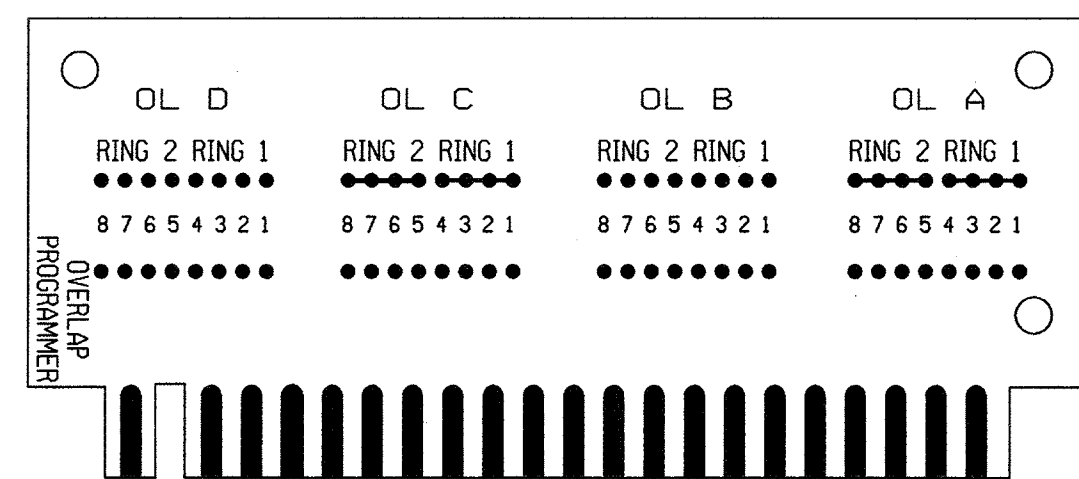
1. TO PREVENT "FLASH-CONFLICT" PROBLEMS, WIRE ALL UNUSED PHASES AND OVERLAPS TO FLASH RED. VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH SIGNAL PLANS.
2. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED LOAD SWITCH RED OUTPUTS 3,5,6,7,8,11 AND 12 TO LOAD SWITCH AC+ BY INSERTING A JUMPER PLUG IN THE UNUSED LOAD SWITCH SOCKET FROM PIN 1 (LS AC+) TO PIN 3 (RED OUT). MAKE SURE ALL FLASH TRANSFER RELAYS ARE IN PLACE.
3. PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
4. SET POWER-UP TIME TO 10 SECONDS AND IMPLEMENT ON THE CONFLICT MONITOR. SET CONTROLLER POWER-UP FLASH TIME TO 0 SECONDS.
5. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
6. WIRE DETECTORS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS TO ACCOMPLISH THE DETECTION SCHEMES SHOWN ON THE SIGNAL DESIGN PLANS.
7. SET ALL DETECTOR UNIT CHANNELS TO "PRESENCE" MODE.
8. THIS CABINET AND CONTROLLER ARE PART OF THE ROCKY MOUNT SIGNAL SYSTEM.
9. SEE SHEET 2 OF 2 FOR RAILROAD VEHICLE PREEMPTION CONTROLLER PROGRAMMING AND WIRING.

FIELD CONNECTION HOOK-UP CHART

CHANNEL	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
PHASE	8 PED	6 PED	4 PED	2 PED	OLD	OLC	OLB	OLA	8	7	6	5	4	3	2	1
SIGNAL HEAD NO.	NU	NU	P41,P42, P43,P44, P45,P46	P21,P22,P23,P24 P25,P26,P27,P28, P29,P210,P211,P212	NU	NU	41,42 43,44	31,32	NU	NU	NU	NU	45,46	NC	21,22	11
TERMINAL STRIP	TB18	TB17	TB18	TB17	TB14	TB14	TB14	TB14	TB12	TB12	TB12	TB12	TB9	TB9	TB9	TB9
GREEN							9	12					3		9	
YELLOW							8	11					2		8	
RED							7	10					1		7	
RED ARROW																10
YELLOW ARROW																11
GREEN ARROW																12
			6	6												
			4	4												

NU = NOT USED
NC = NOT CONNECTED, USED FOR TIMING PURPOSES ONLY

NEMA OVERLAP CARD



OVERLAP CARD SHALL BE COMPLETELY BLANK
OVERLAPS ARE PROGRAMMED IN
THE CONTROLLER SOFTWARE

EQUIPMENT INFORMATION

CONTROLLER.....PEEK TRAFFIC 3000
CABINET.....TRANSYT CORPORATION [TS-1]
DWG #CW-378
CABINET MOUNT.....BASE
LOADBAY POSITIONS.....16
LOAD SWITCHES USED.....1,2,4,9,10,13,14
PHASES USED.....1,2,3*,4
PEDS USED.....2,4
OVERLAP A.....1+2+3
OVERLAP B.....1+4
OVERLAP C.....NOT USED
OVERLAP D.....NOT USED
* PHASES USED FOR TIMING PURPOSES ONLY

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.

PEEK TRAFFIC 3000 SERIES CONTROLLER OVERLAP PROGRAMMING

(program controller as shown below)

PROGRAM MENU (PRESS 9 FOR INDEX)

1. CONTROLLER	5. COMM/SYSTEM SETUP
2. COORDINATION	6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY	7. I/O STEERING
4. PREEMPTION	8. UTILITIES

CONTROLLER MENU

1. SEQUENCE/STARTUP	6. DUAL ENTRY
2. PHASE RECALLS/MODES	7. COND. SERVICE
3. PHASE TIMES	8. PED OPTIONS
4. DETECTORS	9. ENHANCED OPTIONS
5. OVERLAPS	

OVERLAP MENU

1. STANDARD OVERLAPS	3. PED OVERLAPS
2. DOUBLE CLEARANCE OVERLAP MENU	

OVERLAP FUNCTIONS
START-UP INTERVAL: 2
(0=RED, 1=YEL, 2=GRN)
O/L CARD ENABLE: N
(YES/NO)
ALTERNATE FLASH RATE: 0
(0-300 FPM)
PGDN FOR OVERLAPS A-P

continued at top right

OVERLAP A (1 OF 16) FLASH CODE (0-7): 0
MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
GRN: 0 YEL: 0.0 RED: 0.0
VALUE (YES/NO) 1 1 1 1 1 1 1 1
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PARENTS X X X
FL ENAB

OVERLAP B (2 OF 16) FLASH CODE (0-7): 0
MODE (0=STD, 1-2=NOT V-P, 3-6=TURN HD): 0
GRN: 0 YEL: 0.0 RED: 0.0
VALUE (YES/NO) 1 1 1 1 1 1 1 1
FUNC/PH 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
PARENTS X . . X
FL ENAB

end of programming

THIS ELECTRICAL DETAIL IS FOR
THE SIGNAL DESIGN: 04-0072
DESIGNED: October 2008
SEALED: 04-22-10
REVISED:

TYPICAL CONNECTION CHART FOR DETECTORS

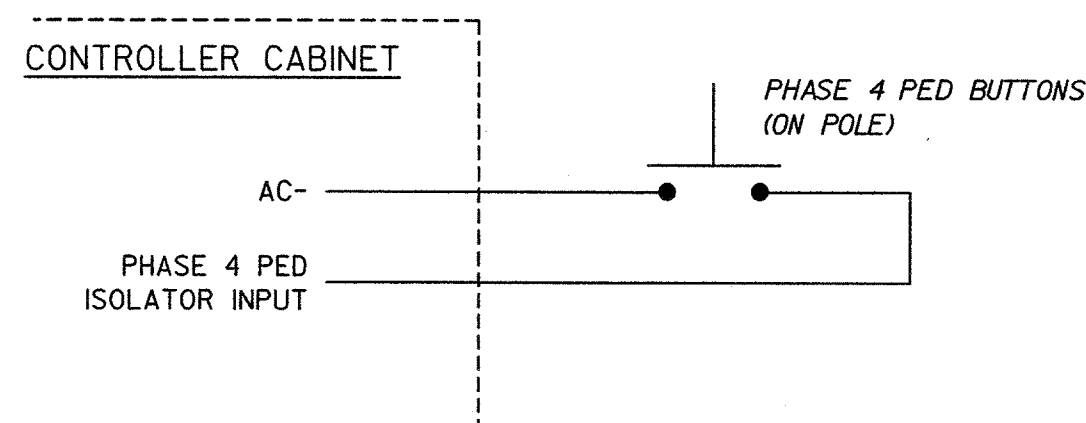
PIN FUNCTION	LOOP PANEL TERMINATION
AC+	AC+
AC-	AC-
CHASSIS GROUND	CHASSIS GROUND
LOOP INPUT	LOOP
LOOP INPUT	LOOP
RELAY NORMALLY OPEN	VEHICLE CALL INPUT
RELAY COMMON	LOGIC GROUND
TIMER INHIBIT	ASSOCIATED PHASE GREEN

NOTES:

1. THE TIMER INHIBIT WIRE SHALL BE CONNECTED TO THE ASSOCIATED PHASE GREEN LOAD SWITCH OUTPUT WHEN ONLY DELAY OPERATION IS REQUIRED UNLESS OTHERWISE SPECIFIED BY THE LOOP AND DETECTOR UNIT INSTALLATION CHART.
2. IF EXTEND OPERATION IS REQUIRED, THE DELAY INHIBIT WIRE SHALL NOT BE CONNECTED.

PEDESTRIAN PUSH-BUTTON WIRING DETAIL

(wire push-buttons as shown below)



NOTE: MAKE SURE PED ISOLATOR CIRCUITRY IS PRESENT IN CONTROLLER/CABINET ASSEMBLY.

Harvis & Associates, Inc.
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KEEP A GOOD LOG
HNTB

Cole Jensen & Stone
Engineering & Construction

CITY OF
ROCKY MOUNT
NORTH CAROLINA

URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WIRING PLANS
US 64 BUS W
(THOMAS ST)
AT
MAIN ST

PROJECT NUMBER:
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

1	
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NORTH CAROLINA
PROFESSIONAL
SEAL
031464
ENGINEER
TASHA M. RODEVICK

Nathan C. Culver 4/22/10
SIGNATURE DATE

SCALE
0
N/A

CV 10.18

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Raleigh, North Carolina 27609
NC License No: C-1554

SIGNAL UPGRADE - (SHEET 1 OF 2)

Division 04	Edgecombe/Nash Co	Rocky Mount
SIG. INVENTORY NO.	04-0072	REVIEWED BY: H.L. Winstead
PREPARED BY: T.R. Terrell		REVIEWED BY: N.M. Rodevick

PEEK TRAFFIC 3000 SERIES CONTROLLER - RAILROAD PREEMPTION PROGRAMMING

(program controller as shown below)
cont'd. from bottom left

PROGRAM MENU (PRESS 9 FOR INDEX)

1. CONTROLLER	5. COMM/SYSTEM SETUP
2. COORDINATION	6. UNIT CONFIG/SEC. CODE
3. TIME OF DAY	7. I/O STEERING
4. PREEMPTION	8. UTILITIES

TO VIEW OR ENTER PREEMPTION RUN
ENTER 1-6: 1

TO ERASE ONE PREEMPTION RUN
ENTER 1-6: .

TO ERASE ALL PREEMPTION RUNS
ENTER 99: ..

PREEMPTION RUN 1 MENU

1. PER RUN DATA

2. INTERVAL DATA

3. FLASH PLAN FOR RUN 1
WHEN CHANGING RUN DATA, DISABLE RUN UNDER PER RUN DATA

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 1 ENABLE,RR,LOCK,PRIORITY VALUE(YES/NO)

RUN ENABLE: Y*	RAILROAD: N	PE INPUT LOCK: N	MAX INTERVALS: 6	VALUE(0-32)	VALUE(1-6)	VALUE(1-6)
	GO TO HIGHER PE: N	NEMA PRIORITY: Y				
			USER PRIORITY: 1			

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 1 DURATION, RESERVICE, PE DELAY

DURATION	PREEMPT DELAY	RESERVICE
0	0	0
(0-255 SECS)	(0-255 SECS)	(0-255 SECS)
DURATION TIMER USED AS GAP TIMER: N		

continued at top right

* DENOTES RUN ENABLE MUST BE SET TO "N" BEFORE PREEMPT DATA CAN BE ENTERED.

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 1 MINIMUM ENTRY TIMES
INHIBIT DOUBLE CLR O/L ENTERING PE: N

GREEN	YELLOW	RED	PEL CLR	O/L YEL
1.0	3.1	3.2	5	0.0
(0-----25.5 SECS)		(0-255 SECS)		(0-255 SECS)

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 1 PER INTERVAL DATA VALUE(YES/NO)
PGDN FOR MORE

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
VALID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DWELL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
FIXED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TENTH	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

RUN 1 PER INTERVAL DATA VALUE(YES/NO)

FUN/INTV	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
EXIT	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PC->YEL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

SHIFT - RT->TO SEE-ENTER INTERVALS 17-32

PER RUN 1 MENU

1. RUN ENABLE,RR, MAX INTVS,LOCK, PRIORITY	3. MIN ENTRY TIMES, INH DOUBLE CLR O/L
2. TIME BEFORE PE, RUN RESERVICE, RUN DURATION	4. VALID, FIXED, TENTHS, PC->YEL, EXIT, DWELL INTVS
5. EXIT CONTROLS	

RUN 1 EXIT CONTROLS

EXIT MODE: 0 0 = GO TO EXIT PHASES
1 = GO TO NEXT DEMAND
2 = RESUME INTERRUPTED SEQ.

VALUE(YES/NO)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
PHASES	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
CALLS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

1. PER RUN DATA

2. INTERVAL DATA

3. FLASH PLAN FOR RUN 1

WHEN CHANGING RUN DATA, DISABLE RUN UNDER PER RUN DATA

RUN 1 INTERVAL 1 VALID: X DWELL: .

TENTHS: . PC->YEL: . EXIT: . FIXED: X

TIME: 11 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

continued at top right

cont'd. from bottom left

RUN 1 INTERVAL 1 VALID: X DWELL: .

TENTHS: . PC->YEL: . EXIT: . FIXED: X

TIME: 11 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: . FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: . FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

RUN 1 INTERVAL 2 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: . FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	Y	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: . FIXED: X

TIME: 1.0 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.0 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 3 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 7 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 4 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 7 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 4 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 7 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 4 VALID: X DWELL: X

TENTHS: . PC->YEL: . EXIT: X FIXED: X

TIME: 7 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

continued at top right

cont'd. from bottom left

RUN 1 INTERVAL 5 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 5 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR NEXT INTERVAL

RUN 1 INTERVAL 5 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 3.2 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR OVERLAPS

RUN 1 INTERVAL 6 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.8 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/PH	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR OVERLAPS

PGDN FOR OVERLAPS

RUN 1 INTERVAL 6 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.8 PH FLASH: . PED FLASH: .

VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

PGDN FOR PE OUTS

RUN 1 INTERVAL 6 VALID: X DWELL: .

TENTHS: X PC->YEL: . EXIT: X FIXED: X

TIME: 1.8 PH FLASH: . PED FLASH: .

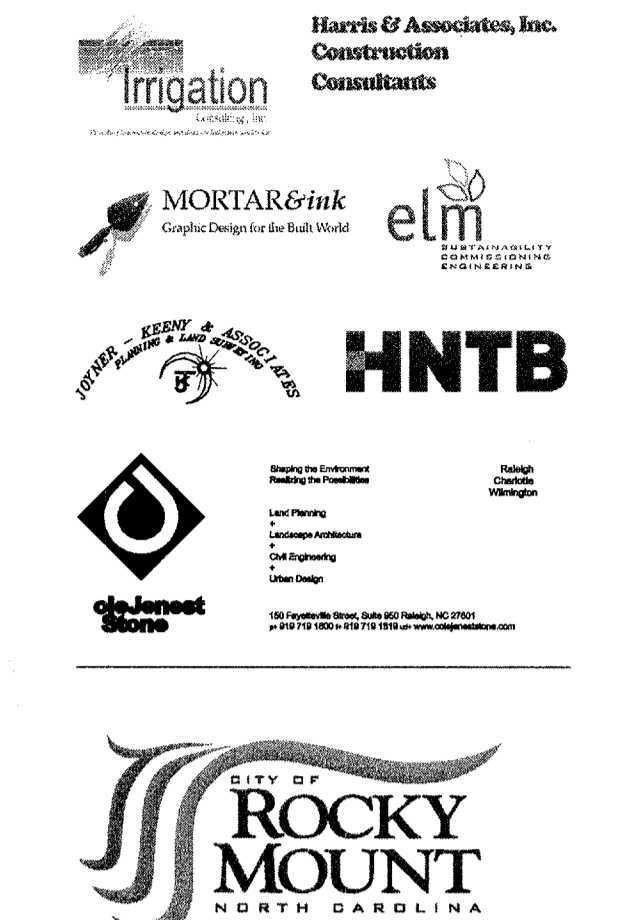
VALUE(O = R/D, 1 = Y/P, 2 = G/W)

FUNC/OL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
COLOR	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PED COL	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

PGDN FOR PE OUTS

end of railroad preemption programming

NOTE :
THERE IS NO PROGRAMMING REQUIRED FOR 'PE OUTS' FOR ANY INTERVAL



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WIRING PLANS US 64 BUS W (THOMAS ST) AT MAIN ST

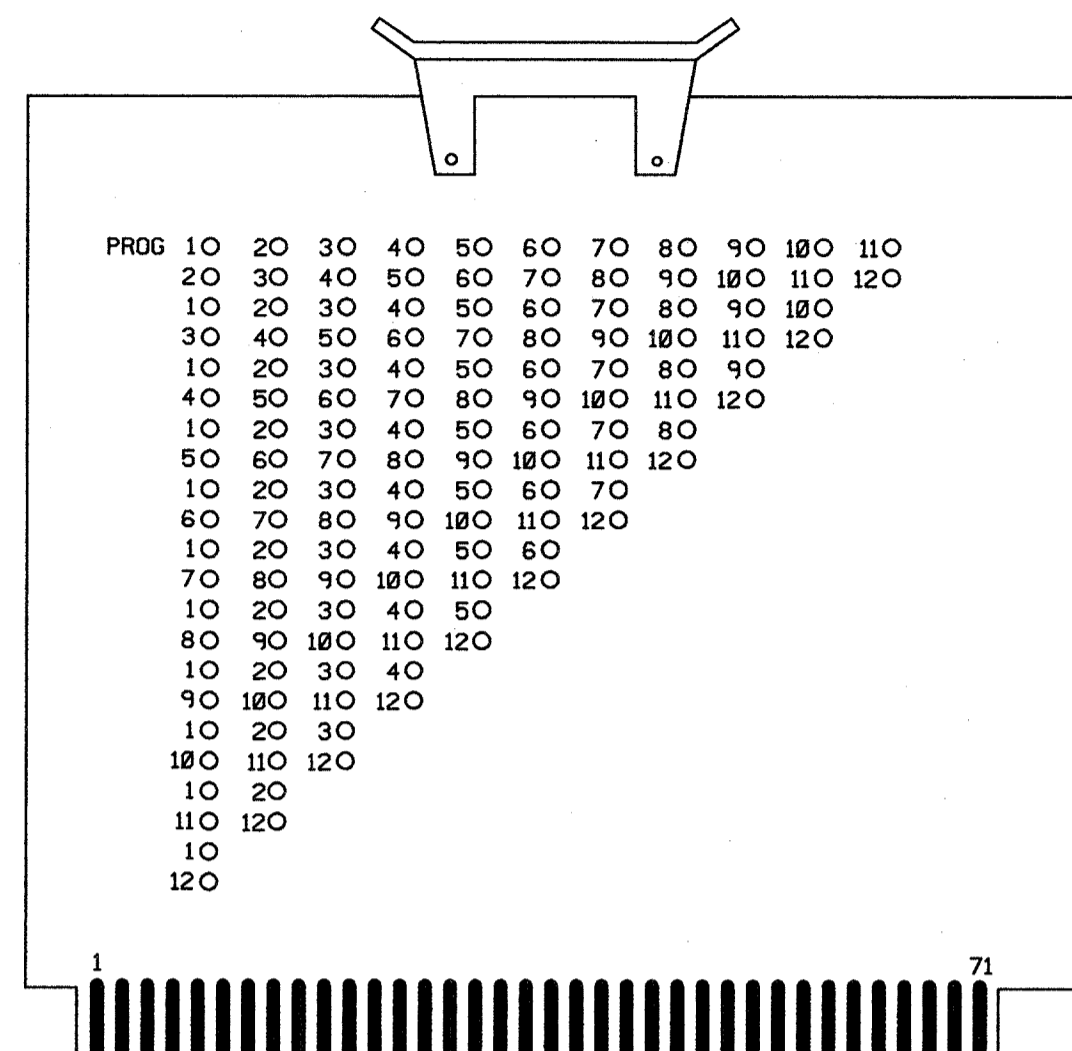
PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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NEMA* CONFLICT MONITOR PROGRAMMING CARD



* NOTE: MONITOR SHALL BE PROGRAMMED FOR FULL SIGNAL SEQUENCE MONITORING. (NEMA+)

NOTES

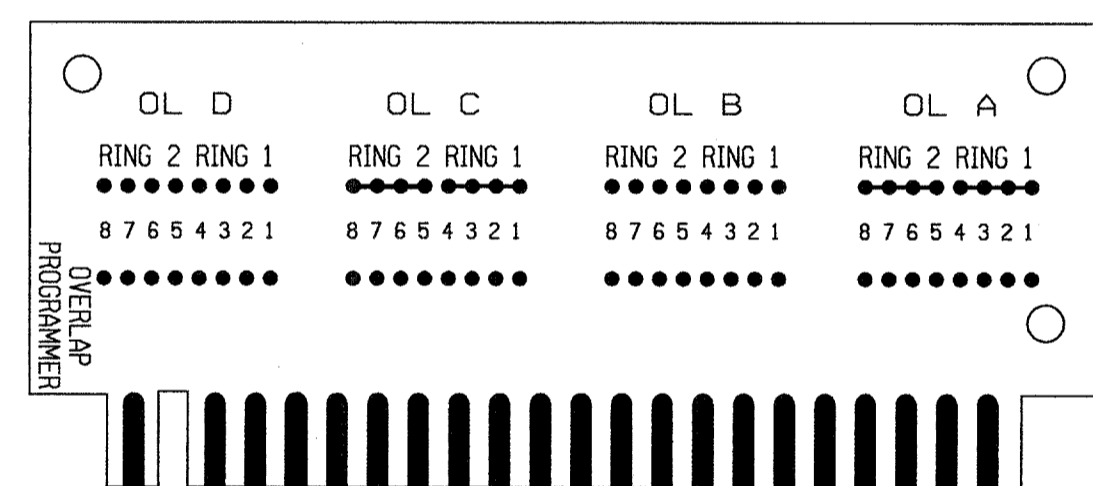
1. TO PREVENT "FLASH-CONFLICT" PROBLEMS, WIRE ALL UNUSED PHASES AND OVERLAPS TO FLASH RED. VERIFY THAT SIGNAL HEADS FLASH IN ACCORDANCE WITH THE SIGNAL PLANS.
2. TO PREVENT RED FAILURES ON UNUSED MONITOR CHANNELS, TIE UNUSED LOAD SWITCH RED OUTPUTS 1,5 AND 6 TO LOAD SWITCH AC+ BY INSERTING A JUMPER PLUG IN THE UNUSED LOAD SWITCH SOCKET FROM PIN 1 (LS AC+) TO PIN 3 (RED OUT). MAKE SURE ALL FLASH TRANSFER RELAYS ARE IN PLACE.
3. PROGRAM CONTROLLER TO START UP IN PHASE 2 GREEN.
4. SET POWER-UP FLASH TIME TO 10 SECONDS AND IMPLEMENT ON THE CONFLICT MONITOR. SET CONTROLLER POWER-UP FLASH TIME TO 0 SECONDS.
5. ENABLE SIMULTANEOUS GAP-OUT FEATURE, ON CONTROLLER UNIT, FOR ALL PHASES.
6. THIS CABINET AND CONTROLLER ARE PART OF THE ROCKY MOUNT SIGNAL SYSTEM.

FIELD CONNECTION HOOK-UP CHART

CHANNEL	1	2	3	4	5	6	7	8
PHASE	1	2	3	4	OLA	OLB	2 PED	4 PED
SIGNAL HEAD NO.	NU	21,22	31 32,33	41,42, 43,44	NU	NU	P21,P22, P23,P24 P25,P26	P41,P42, P43,P44
TERMINAL STRIP	TB9	TB9	TB9	TB9	TB12	TB12	TB12	TB12
GREEN		9	6	3				
YELLOW		8	5	2				
RED		7	4	1				
RED ARROW			4					
YELLOW ARROW			5					
GREEN ARROW			6					
							6	3
							4	1

NU = NOT USED

NEMA OVERLAP CARD



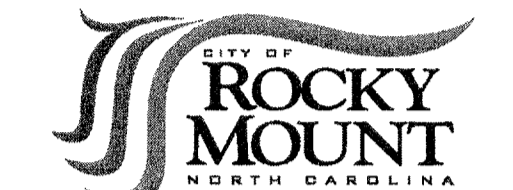
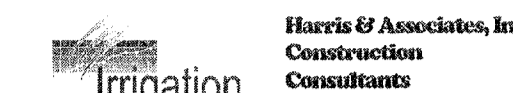
OVERLAP CARD SHALL BE COMPLETELY BLANK (NO OVERLAPS)

EQUIPMENT INFORMATION

CONTROLLER.....PEEK TRAFFIC 3000
 CABINET.....TRANSYT CORPORATION [TS-1] SERIAL #CW-3756
 CABINET MOUNT.....POLE
 LOADBAY POSITIONS.....8
 LOAD SWITCHES USED.....2,3,4,7,8
 PHASES USED.....2,3,4
 PEDS USED.....2,4
 OVERLAP A.....NOT USED
 OVERLAP B.....NOT USED
 OVERLAP C.....NOT USED
 OVERLAP D.....NOT USED

COUNTDOWN PEDESTRIAN SIGNAL OPERATION

Countdown Ped Signals are required to display timing only during Ped Clearance Interval. Consult Ped Signal Module user's manual for instructions on selecting this feature.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

MAIN STREET

ISSUED FOR BIDDING

WIRING PLANS US 64 BUS EAST (TARBORO ST) AT ROSE ST/ WASHINGTON ST

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

REVISED: #	COMMENTS:
1	
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Natasha M. Rodevick 4-22-10
 SIGNATURE DATE

SCALE
 0
 N/A

CV 10.21

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Prepared by:



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SIGNAL UPGRADE

Division 04 Edgemcombe/Nash Co Rocky Mount

STG. INVENTORY NO. 04-0067 REVIEWED BY: H.L. Winstead

PREPARED BY: T.R. Terrell REVIEWED BY: N.M. Rodevick

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

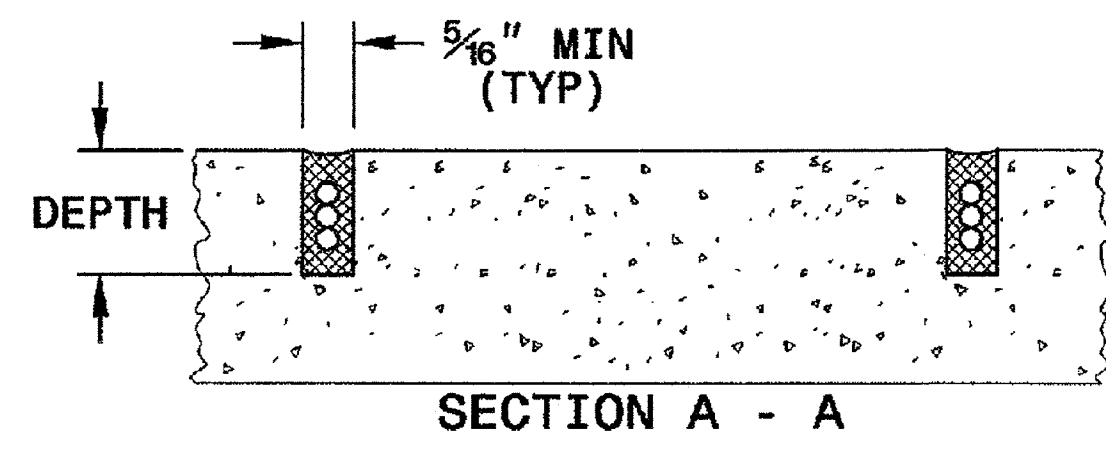
11-08

ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS

SHEET 1 OF 3
1725D01

SAW SLOT DEPTH CHART

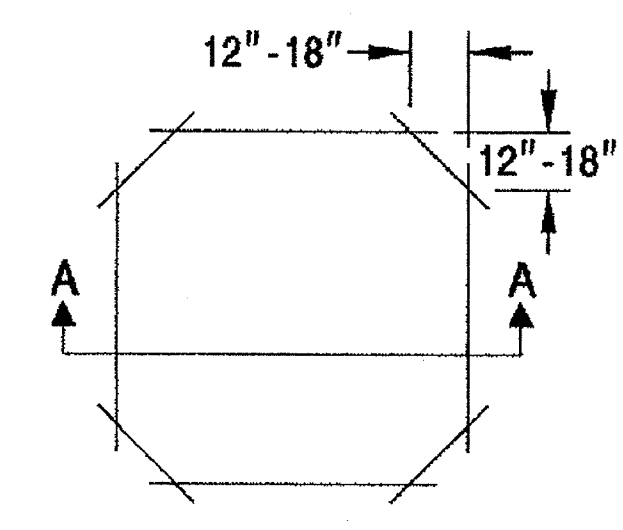
DEPTH (IN)	NO. OF WIRE TURNS				
	2	3	4	5	6
CONCRETE	2.0	2.0	2.5	2.5	3.0
ASPHALT	2.0	2.5	3.0	3.0	3.0



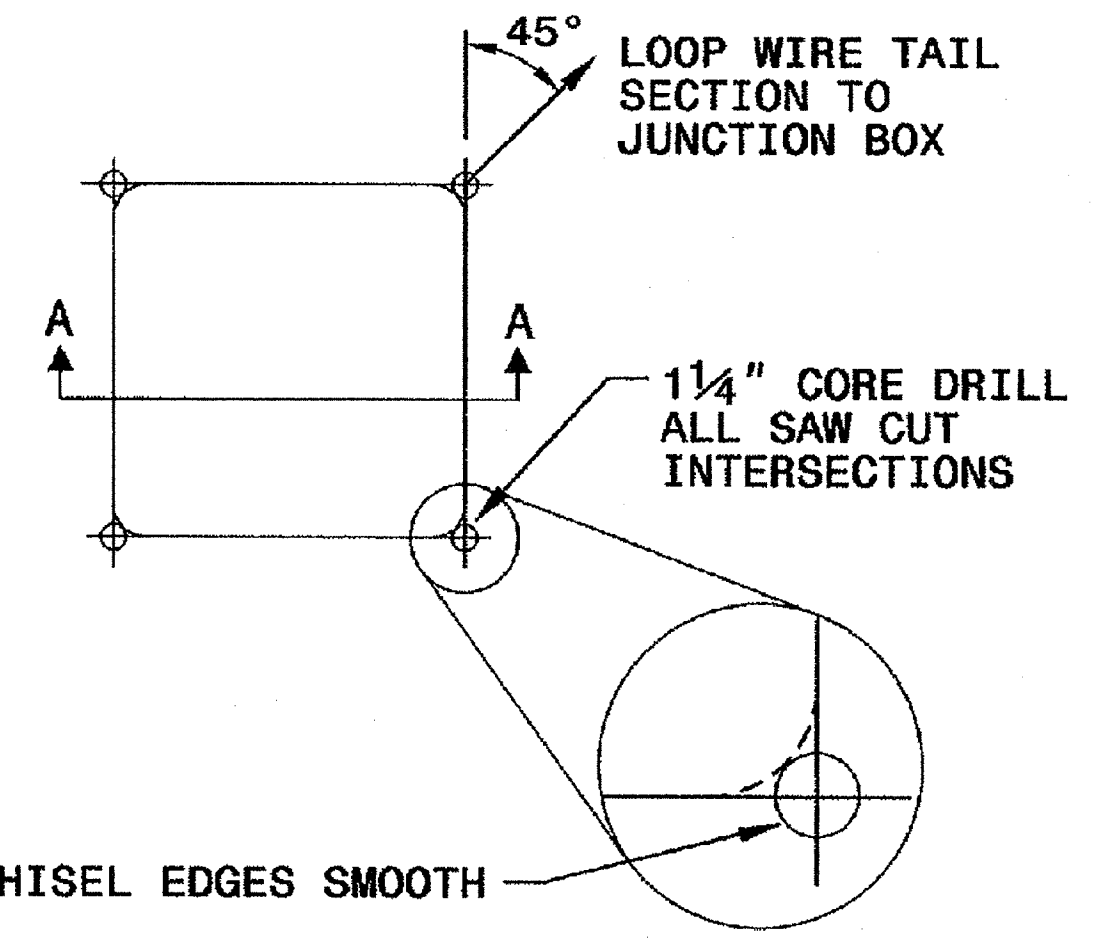
CONVENTIONAL 4-SIDED LOOP

SAW CUT OPTIONS

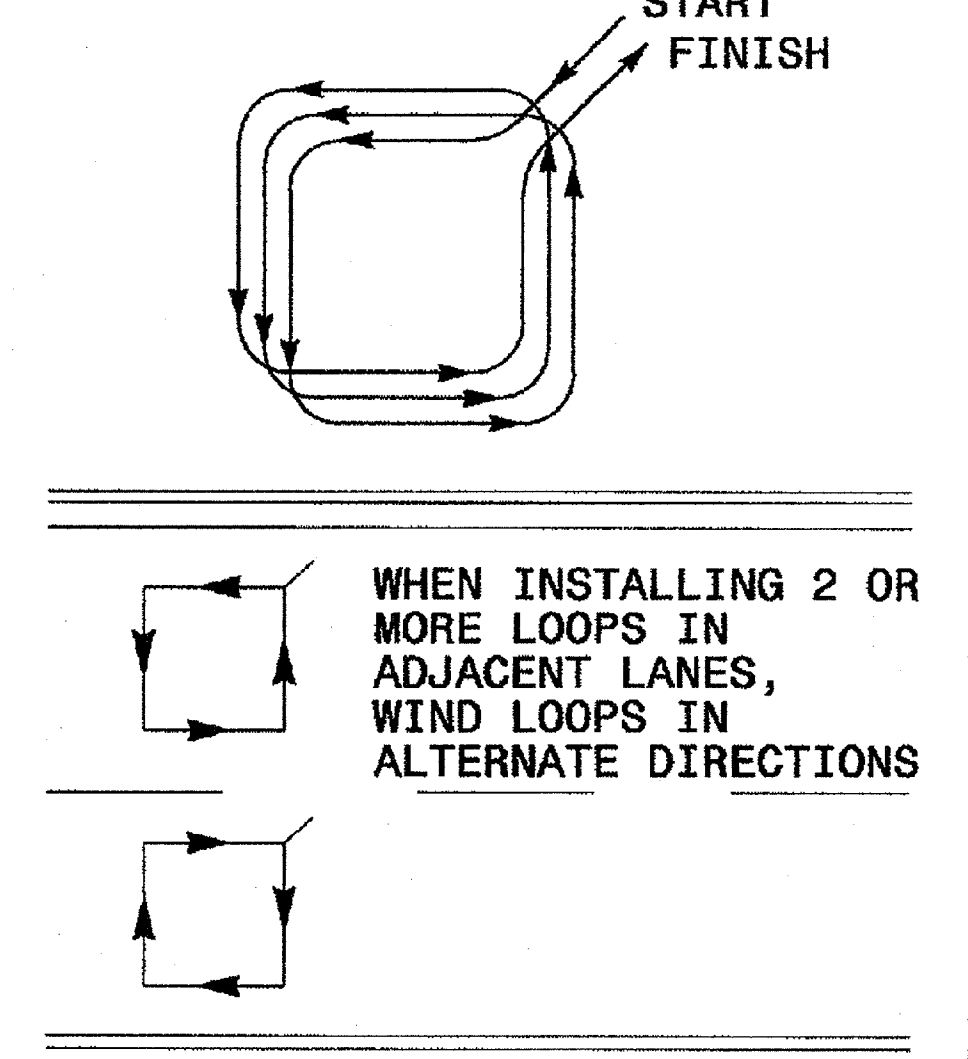
OPTION 1



OPTION 2 (POOR PAVEMENT)



LOOP WINDING METHOD



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 RALEIGH, N.C.

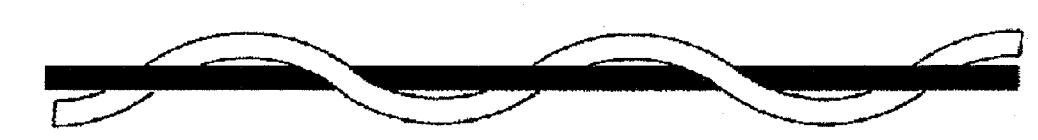
11-08

ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS

SHEET 1 OF 3
1725D01

LOOP WIRE TWISTING METHOD

INCORRECT WAY TO TWIST WIRE



CORRECT WAY TO TWIST WIRE



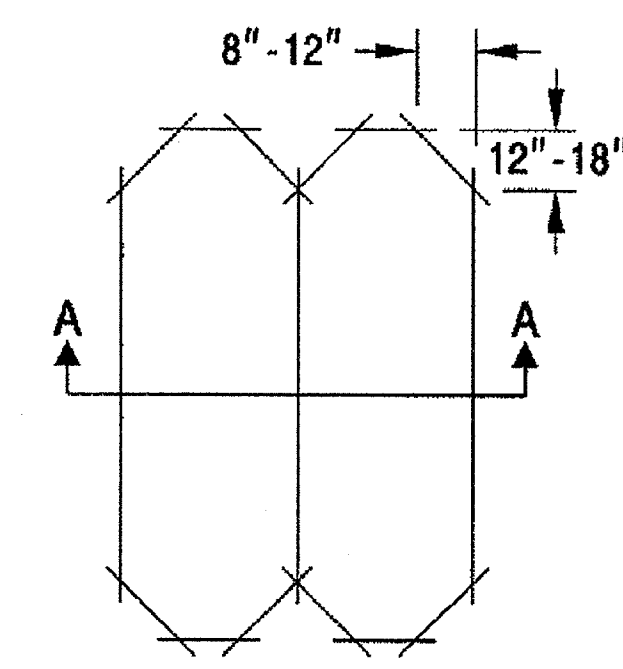
NOTES

- OVERLAP SAW CUTS AT CORNERS AND INTERSECTION POINTS TO ENSURE UNIFORM SAW SLOT DEPTH.
- MAINTAIN 12" SPACING BETWEEN LOOP WIRE TAIL SECTIONS.
- WIRE LOOPS CONNECTED TO THE SAME DETECTOR CHANNEL IN SERIES.
- LOCATE LOOPS IN CENTER OF LANES UNLESS OTHERWISE SHOWN ON PLANS OR APPROVED BY ENGINEER.

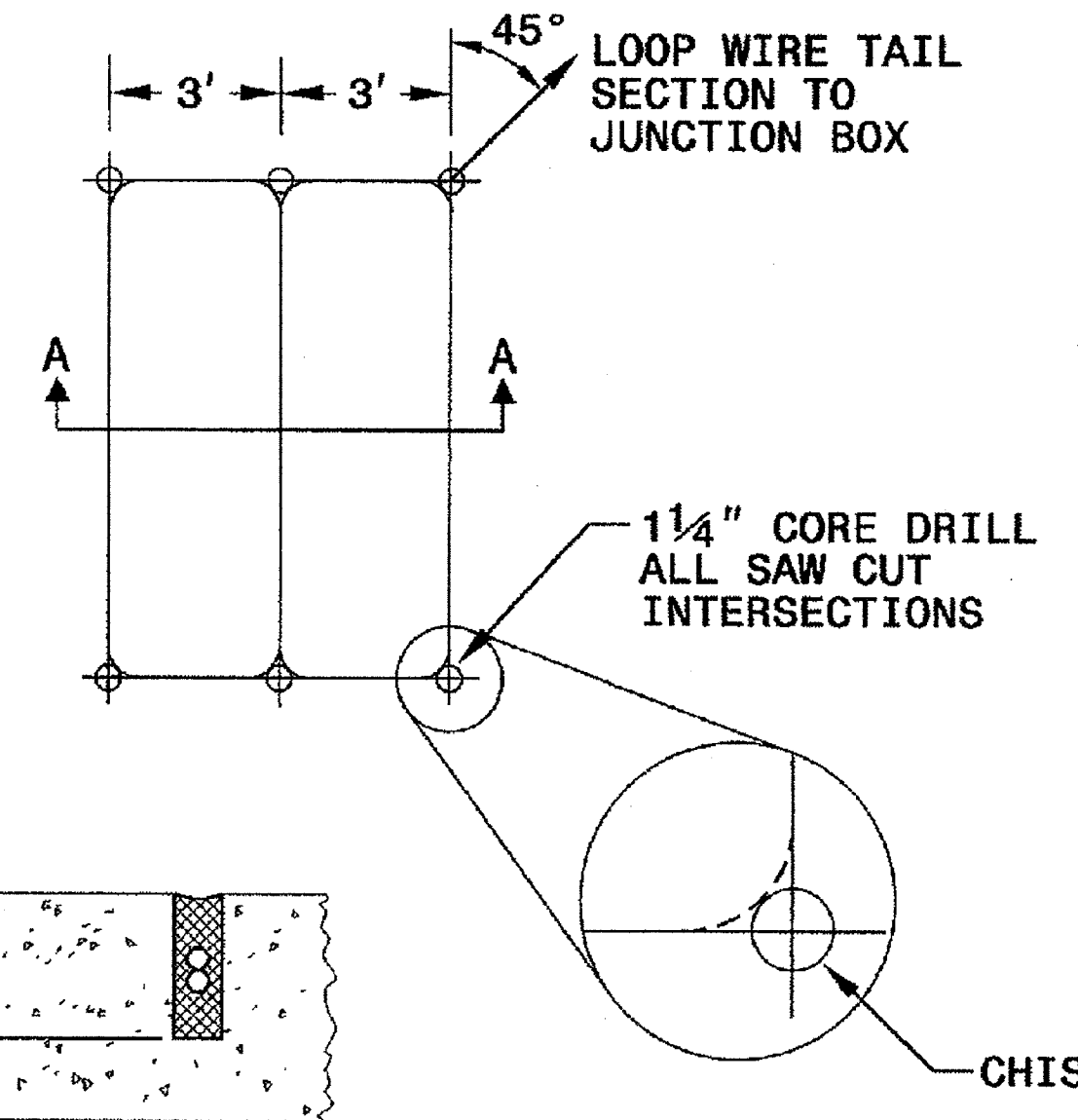
QUADRUPOLE LOOP

SAW CUT OPTIONS

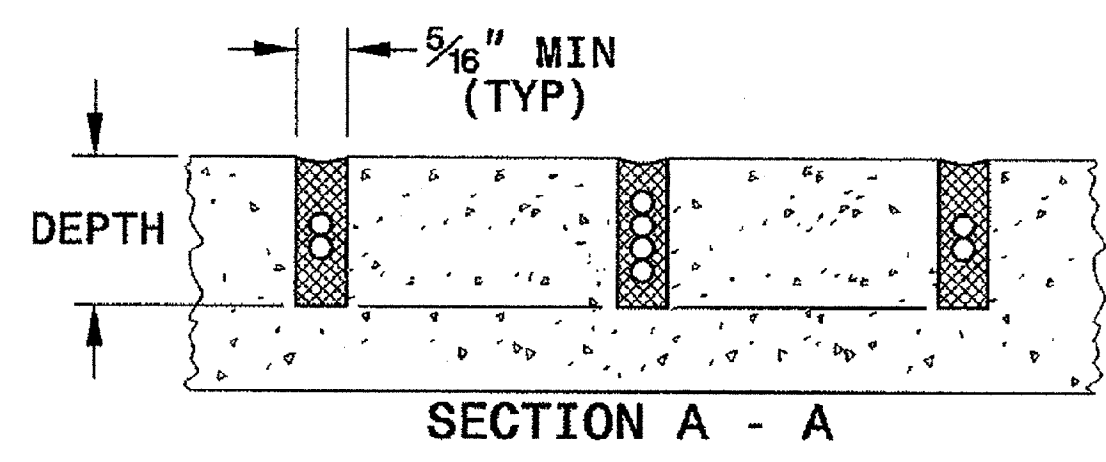
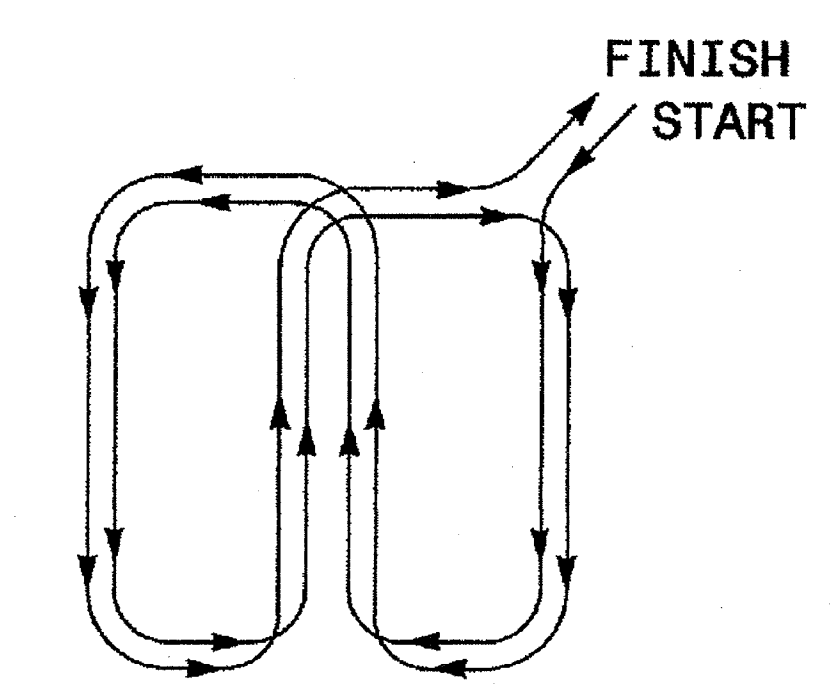
OPTION 1



OPTION 2 (POOR PAVEMENT)



LOOP WINDING METHOD



DEPTH IS 2.5" FOR CONCRETE AND 3.0" FOR ASPHALT

See Plate for Title

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--	--

24-NOV-2008 09:28
 c:\work\files\1725D01\1725D01.dwg
 1725D01.dwg

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 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

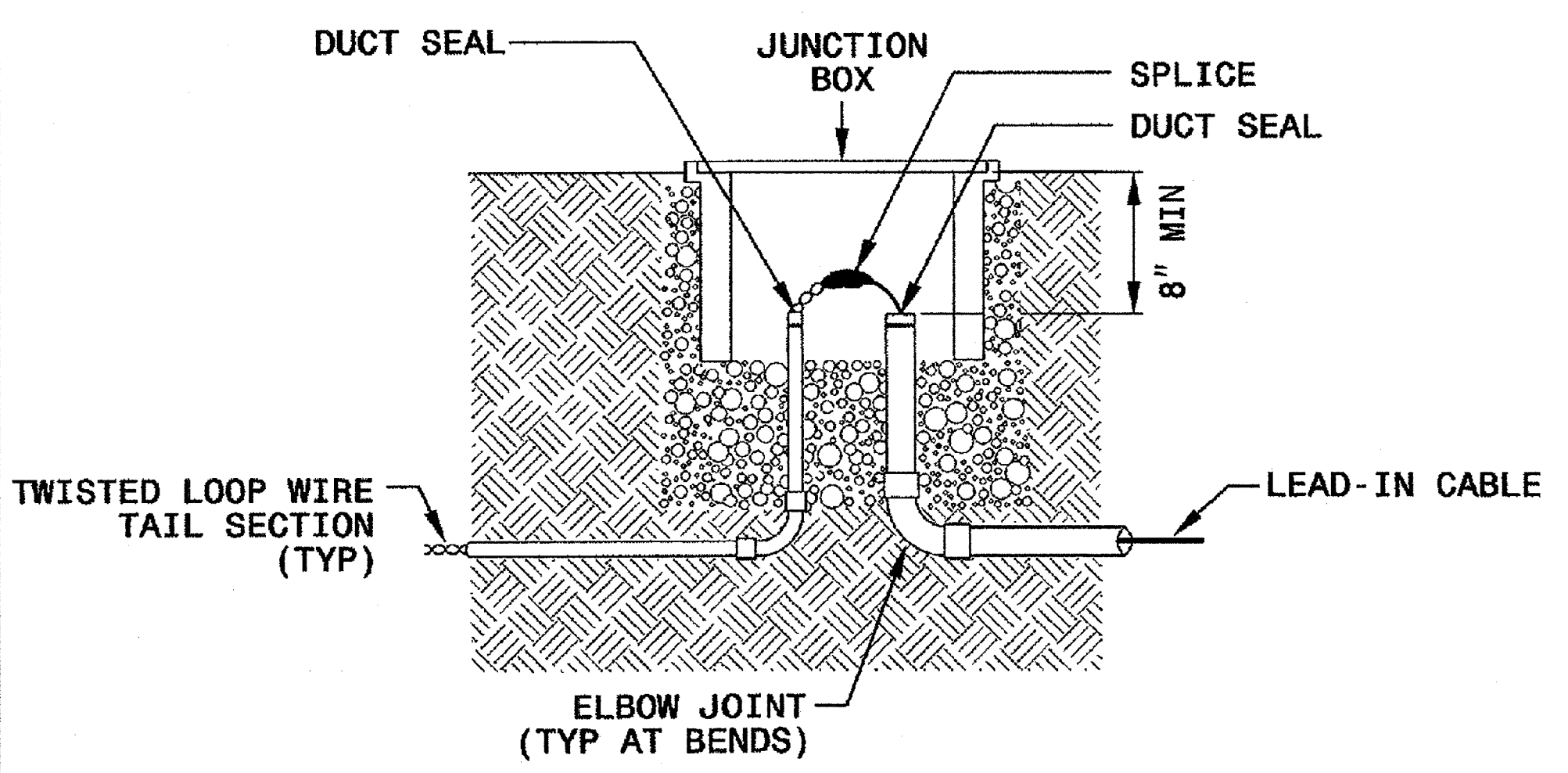
11-08

ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS
 LOOP WIRE DETAILS

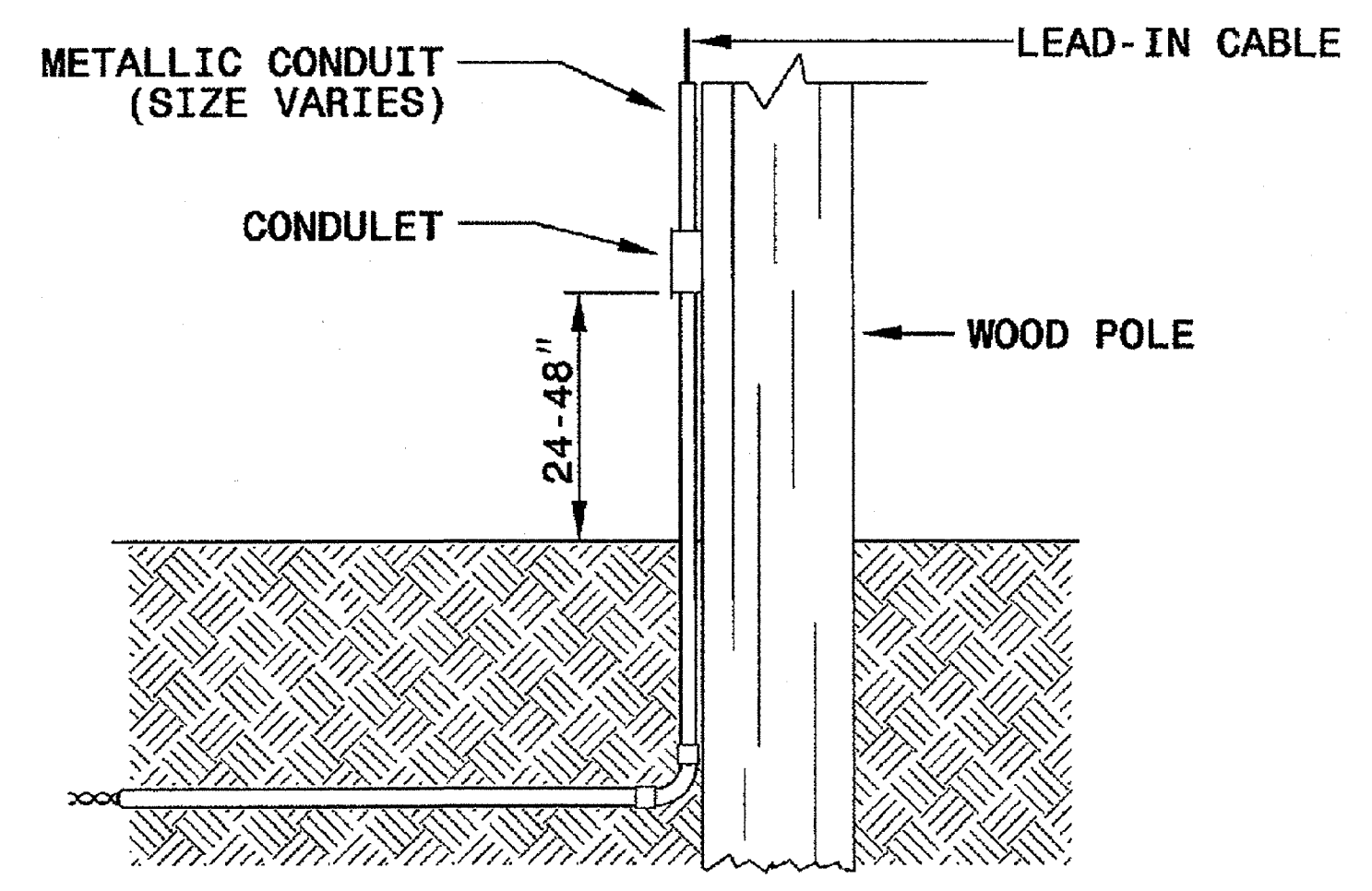
SHEET 2 OF 3
1725D01

LOOP WIRE SPLICE POINT DETAILS

LOOP WIRE AT JUNCTION BOX



LOOP WIRE AT POLE

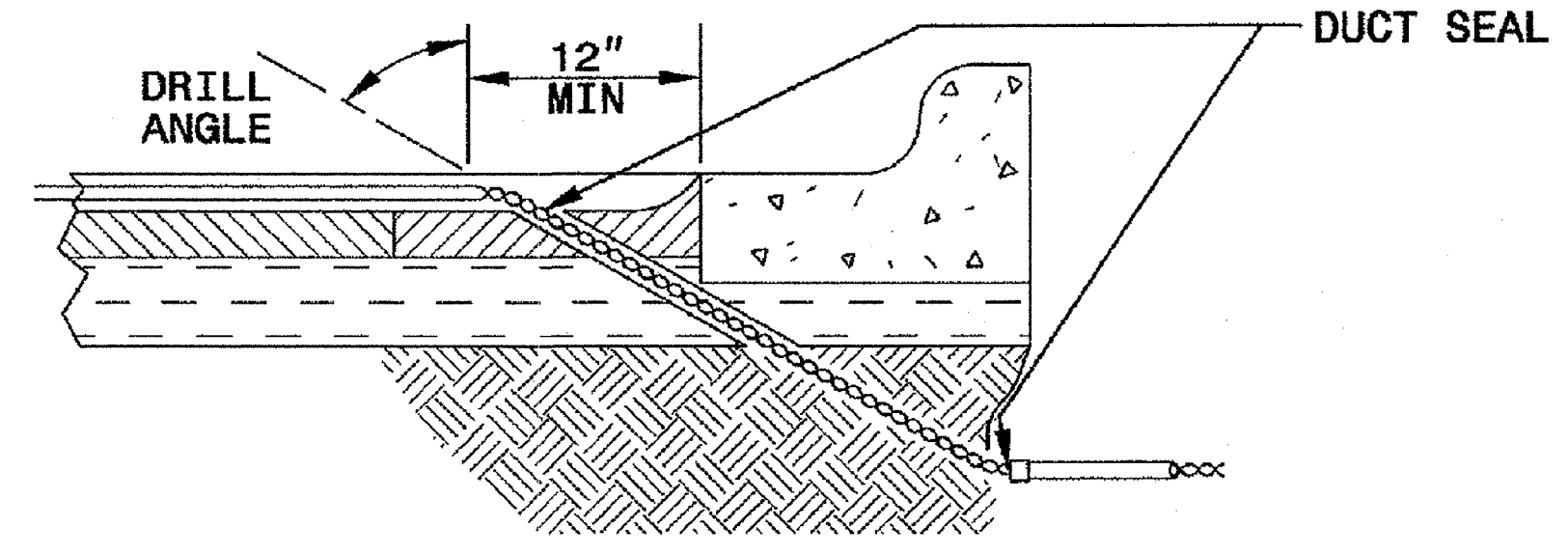


NOTE

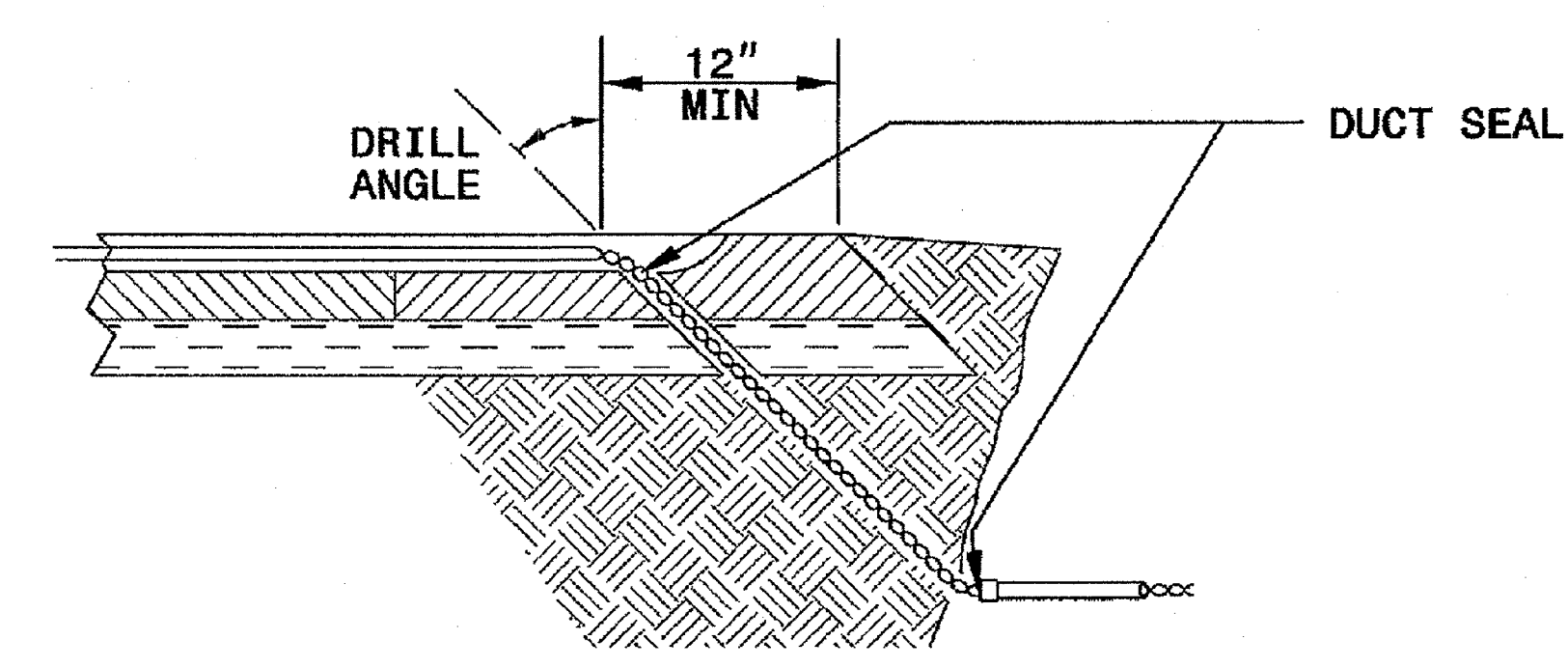
SPLICE ALL LOOP WIRE TAIL SECTIONS/LEAD-IN CABLE IN JUNCTION BOXES OR APPROVED CONDULETS.

LOOP WIRE PAVEMENT EDGE DETAILS

LOOP WIRE AT CURB & GUTTER SECTION



LOOP WIRE AT PAVEMENT SECTION



NOTES

- DO NOT EXCAVATE UNDER CURB AND GUTTER SECTIONS FOR CONDUIT INSTALLATION.
- TWIST LOOP WIRE TAIL SECTIONS FROM WHERE LOOP WIRE TAIL LEAVES SAW CUT TO JUNCTION BOX, INCLUDING THROUGH CONDUIT.
- BEFORE SEALING LOOPS, INSTALL DUCT SEAL WHERE LOOP WIRE TAIL SECTION LEAVES SAW CUT IN PAVEMENT AND AT ENTRANCE OF CONDUIT TO JUNCTION BOX.

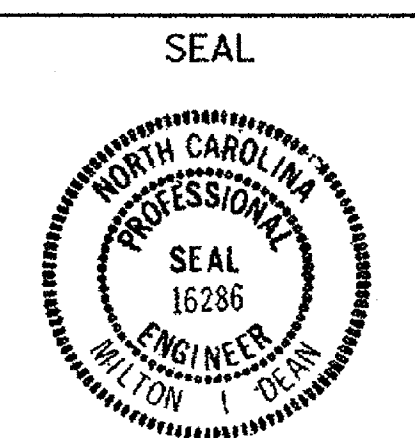
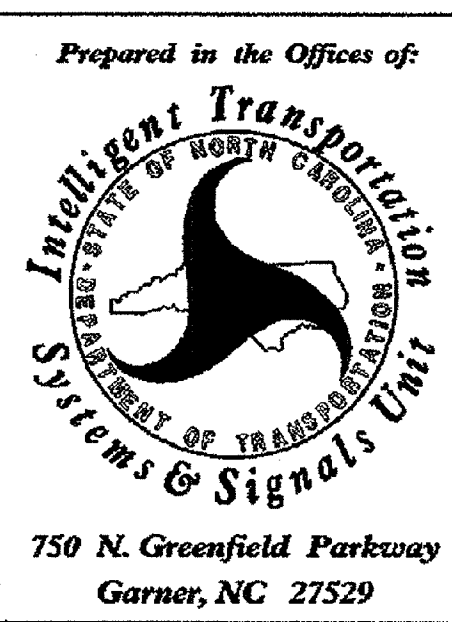
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11-08

ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS
 LOOP WIRE DETAILS

SHEET 2 OF 3
1725D01

See Plate for Title



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Milton J. Dean 11/24/08
 SIGNATURE DATE

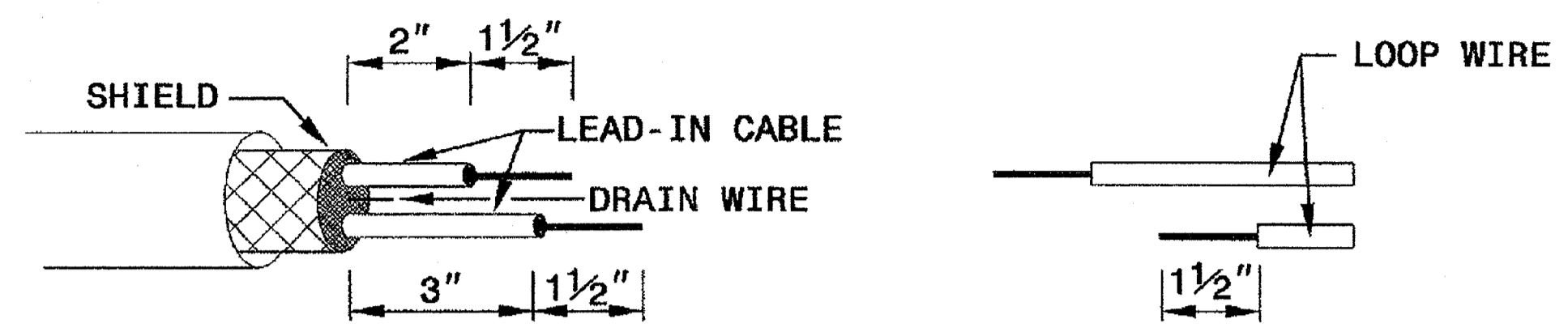
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 RALEIGH, N.C.

11-08

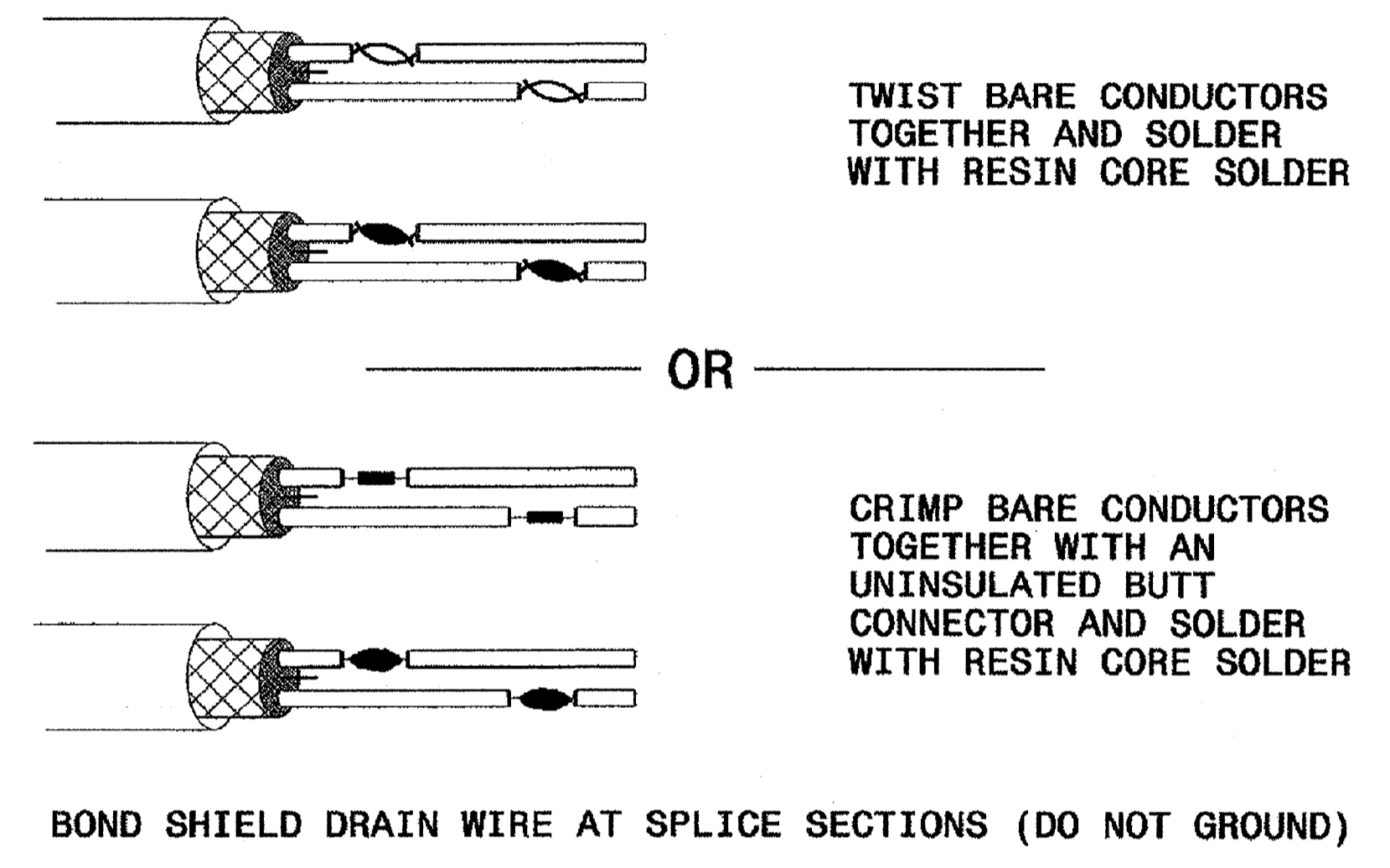
ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS
 SPLICING FOR LEAD-IN CABLE AND LOOP WIRE

SHEET 3 OF 3
1725D01

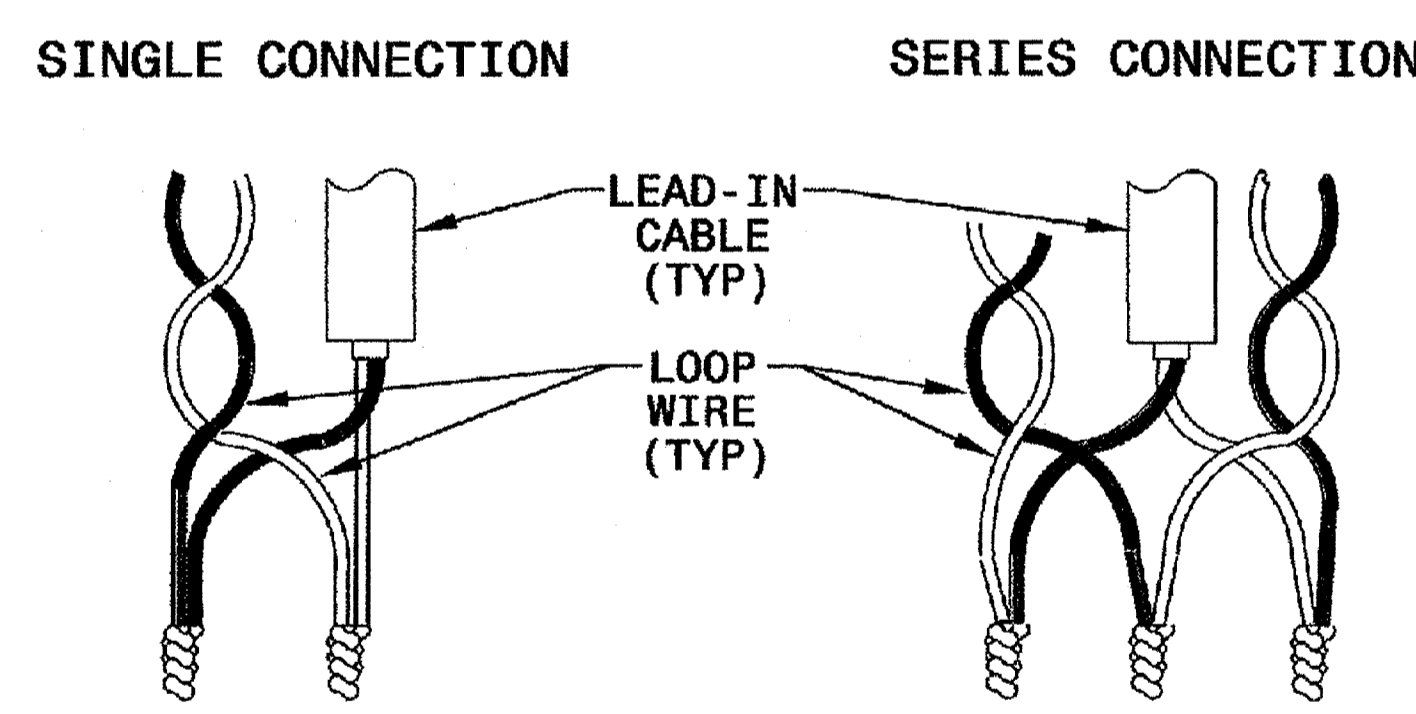
STEP 1. STRIP LOOP WIRE AND LEAD-IN CABLE



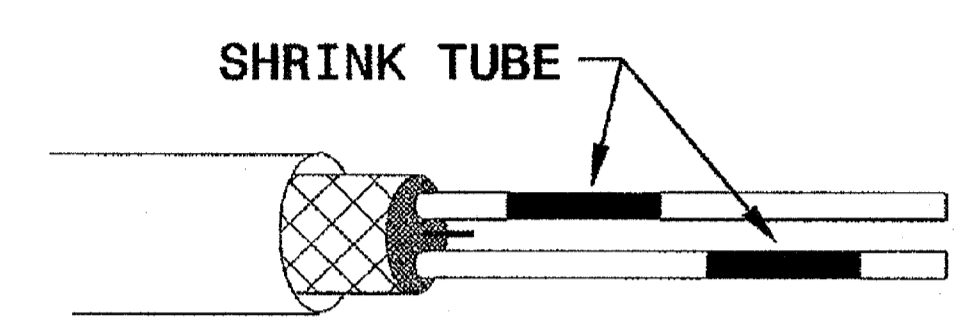
STEP 2. CONNECT AND SOLDER



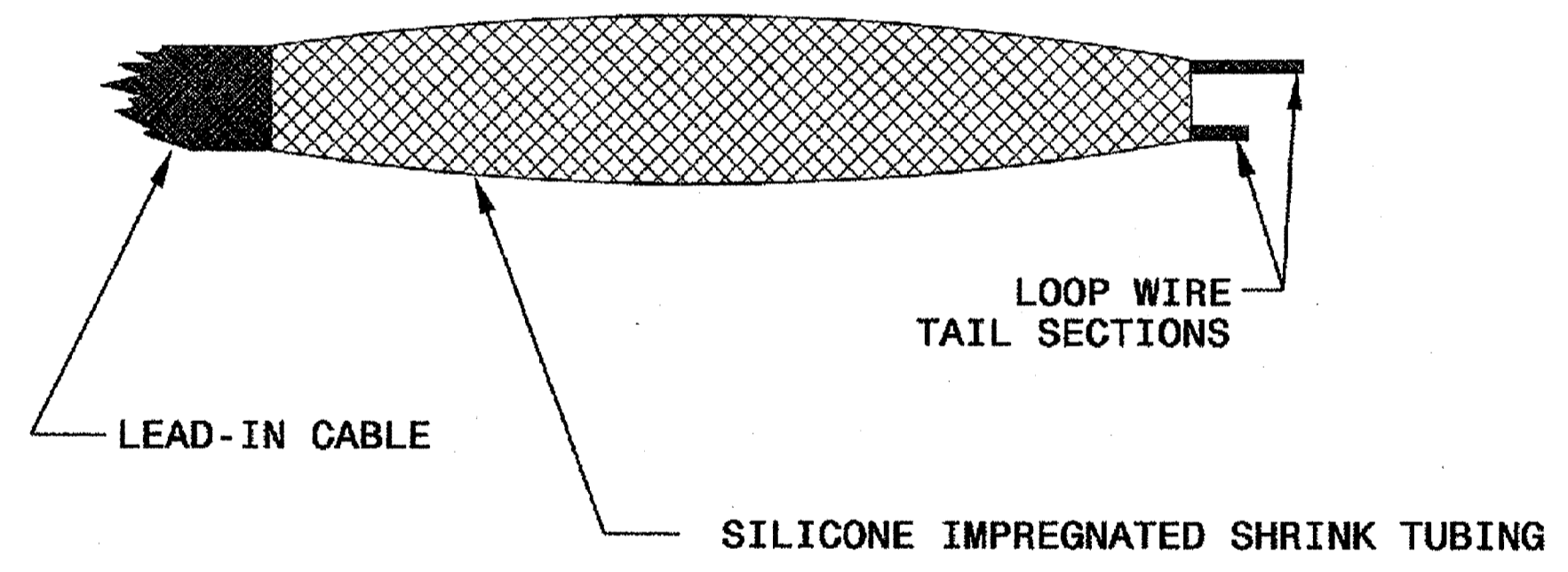
LOOP WIRE AND LEAD-IN CABLE CONNECTION DETAILS



STEP 3. INSULATE EACH SOLDER JOINT SEPARATELY



STEP 4. ENVIRONMENTALLY PROTECT SPLICE



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ENGLISH DETAIL DRAWING FOR
INDUCTIVE DETECTION LOOPS
 SPLICING FOR LEAD-IN CABLE AND LOOP WIRE

SHEET 3 OF 3
1725D01

See Plate for Title

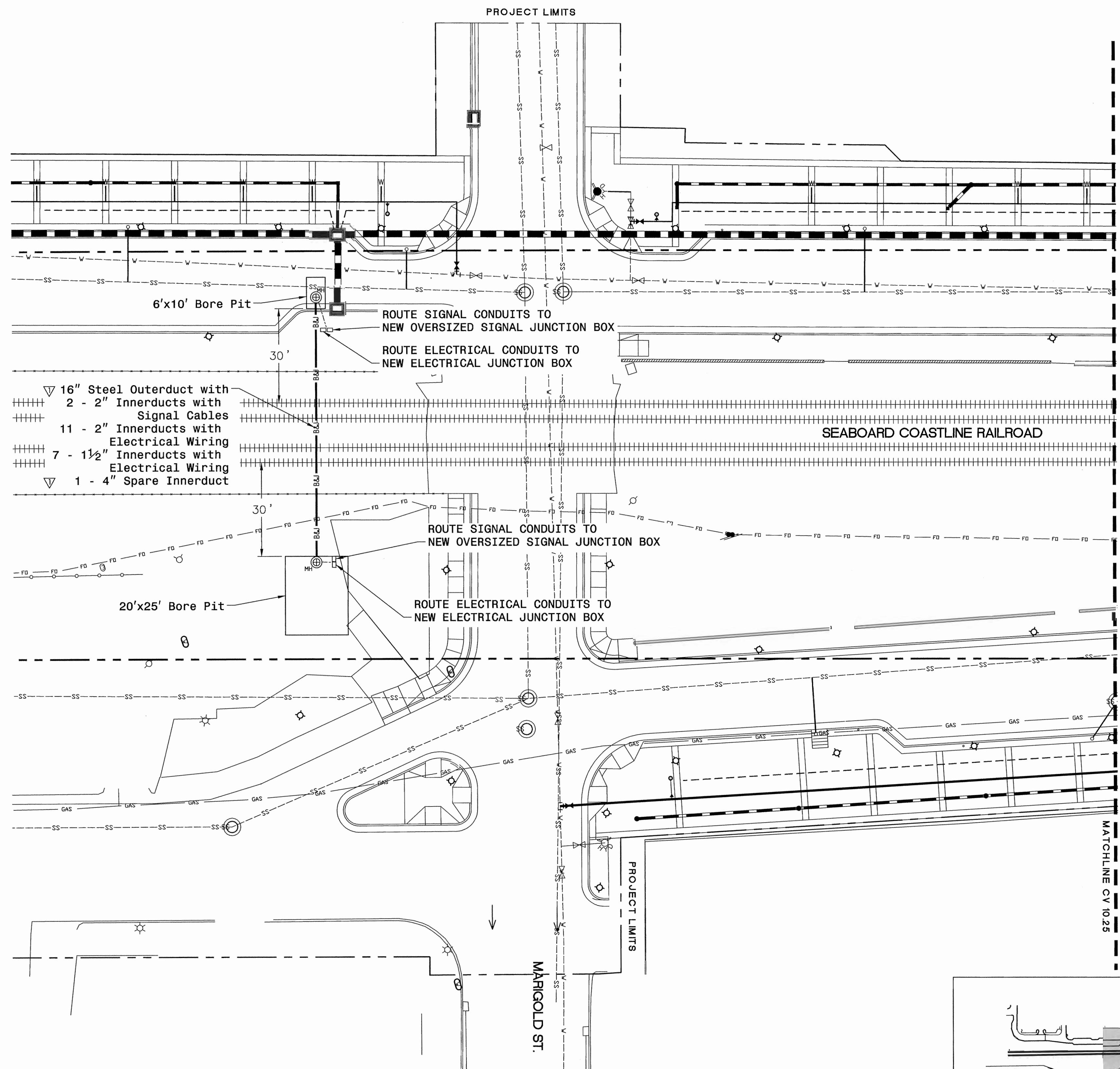
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Garner, NC 27529

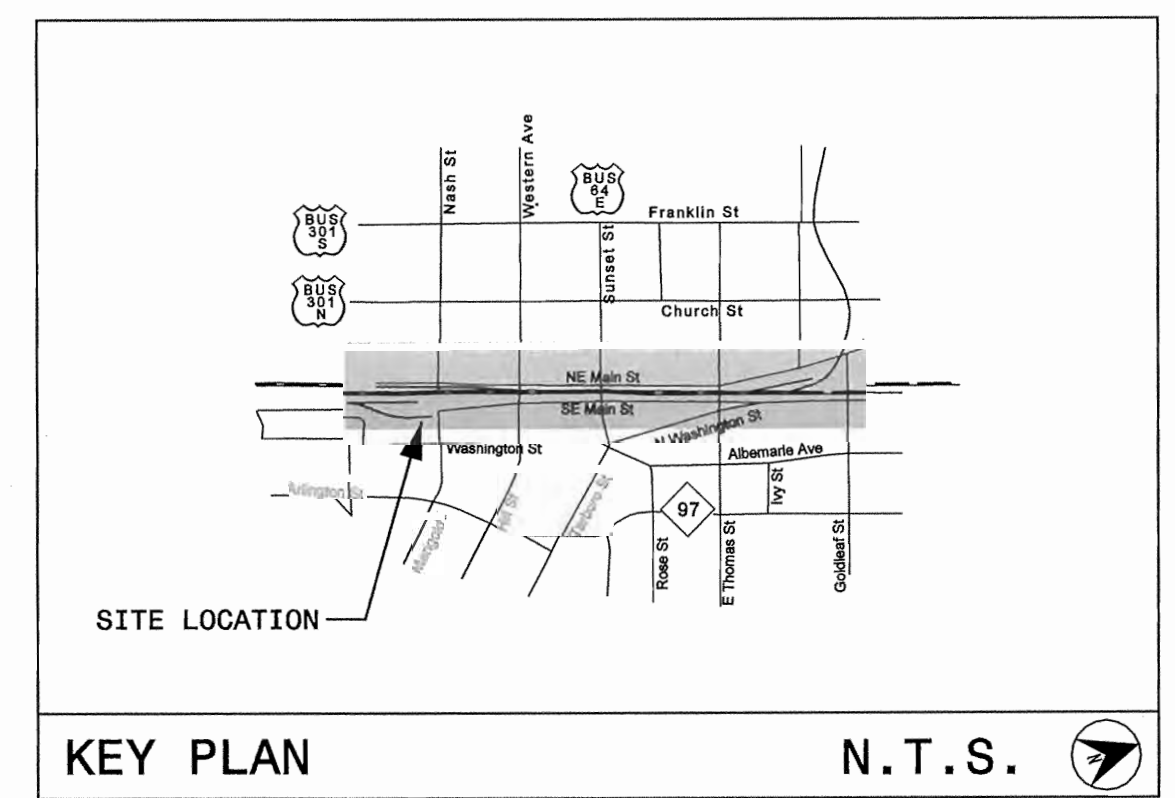
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Milton I. Dean 11/24/08
SIGNATURE DATE

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- GENERAL NOTES:**
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 - THE CONTRACTOR SHALL AVOID NEW CURB AND GUTTER SECTIONS WHEN INSTALLING NEW CONDUITS.



LEGEND

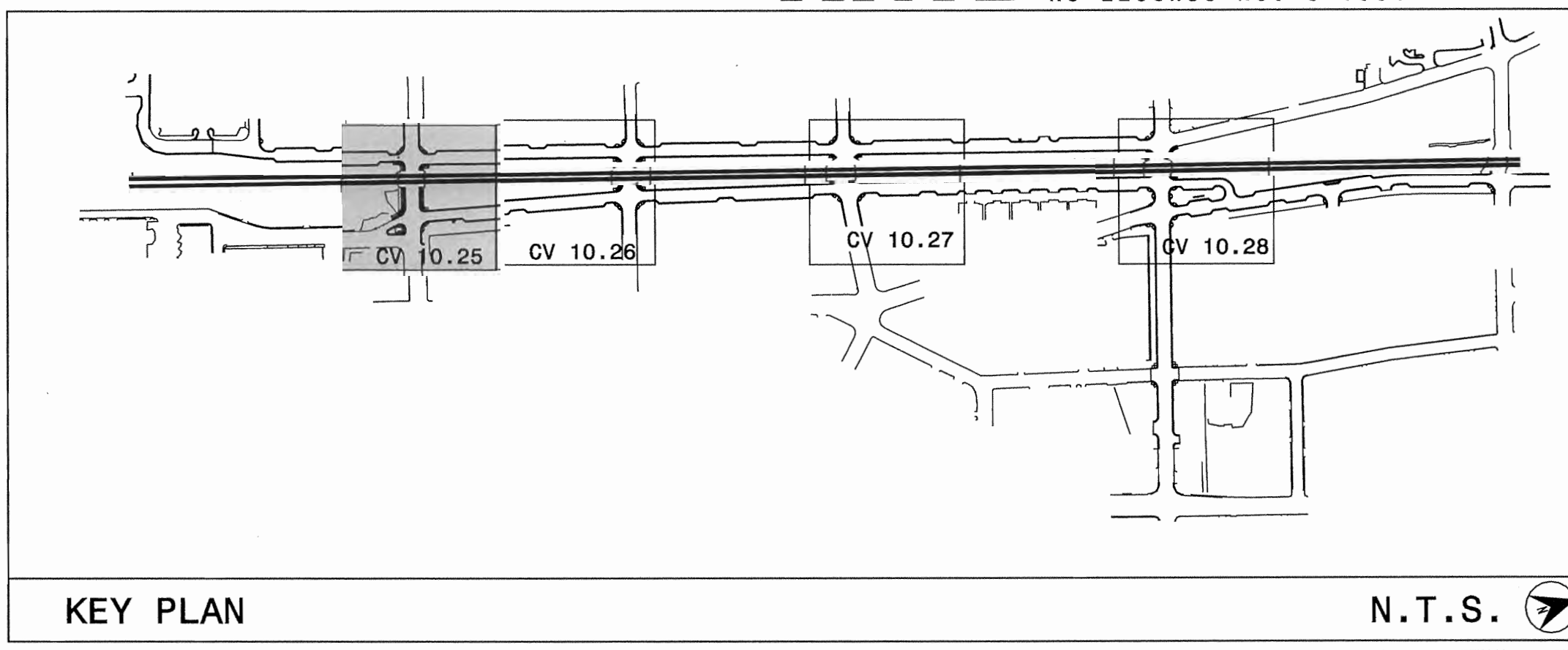
DESCRIPTION	LINE STYLE/SYMBOL
Existing Fiber Optic	— FD —
Existing Gas	— GAS —
Existing Sanitary Sewer	— SS —
Existing Water	— V —
Proposed Bore and Jack	— B&J —
Proposed Bore Pit	□
Proposed Directional Drill	— DD —
Proposed Underground Conduit	— UC —
Proposed Fence	— X —>
Proposed Manhole	⊙ MH
Proposed Storm Drainage	— SD —
Proposed Metal Light Pole	◇
Right of Way	— RW —
Direction of Traffic Flow	→

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
840.52	PRECAST MANHOLE 4', 5', AND 6' DIAMETER
840.54	MANHOLE FRAME AND COVER
1716.01	JUNCTION BOXES

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

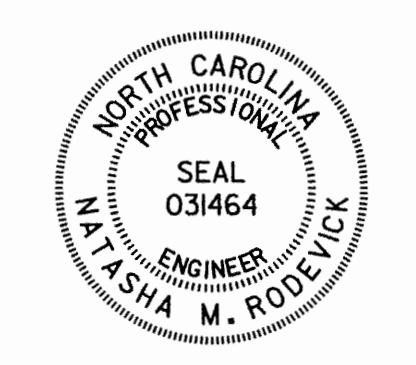
PROPOSED JACK AND BORE CONDUIT LOCATION

PROJECT NUMBER:
50219

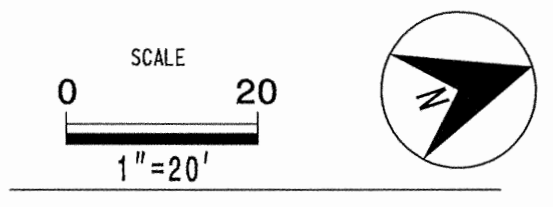
ISSUED:
09.13.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
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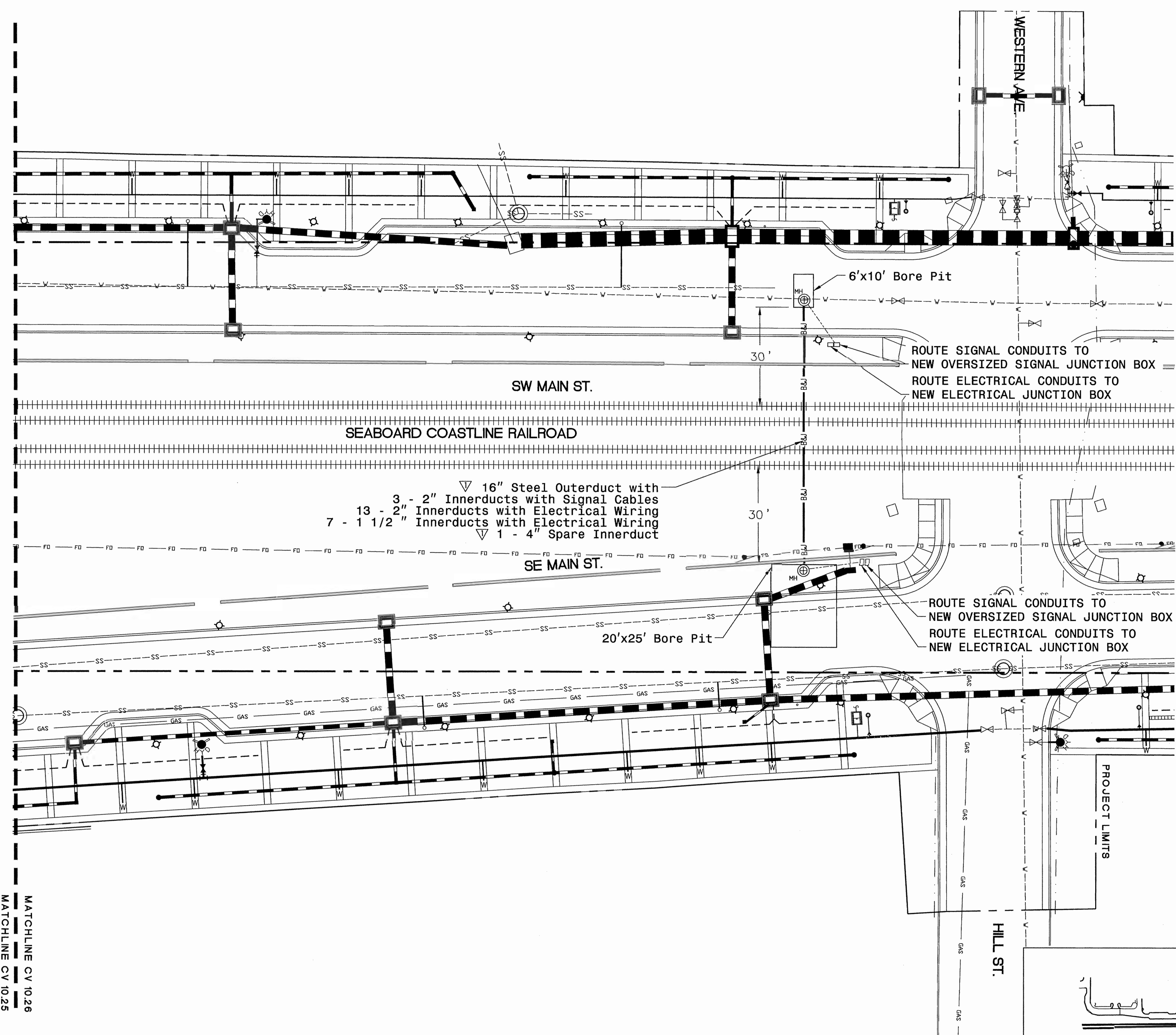
Natasha M. Royce 9-29-10
 SIGNATURE DATE



CV 10.25

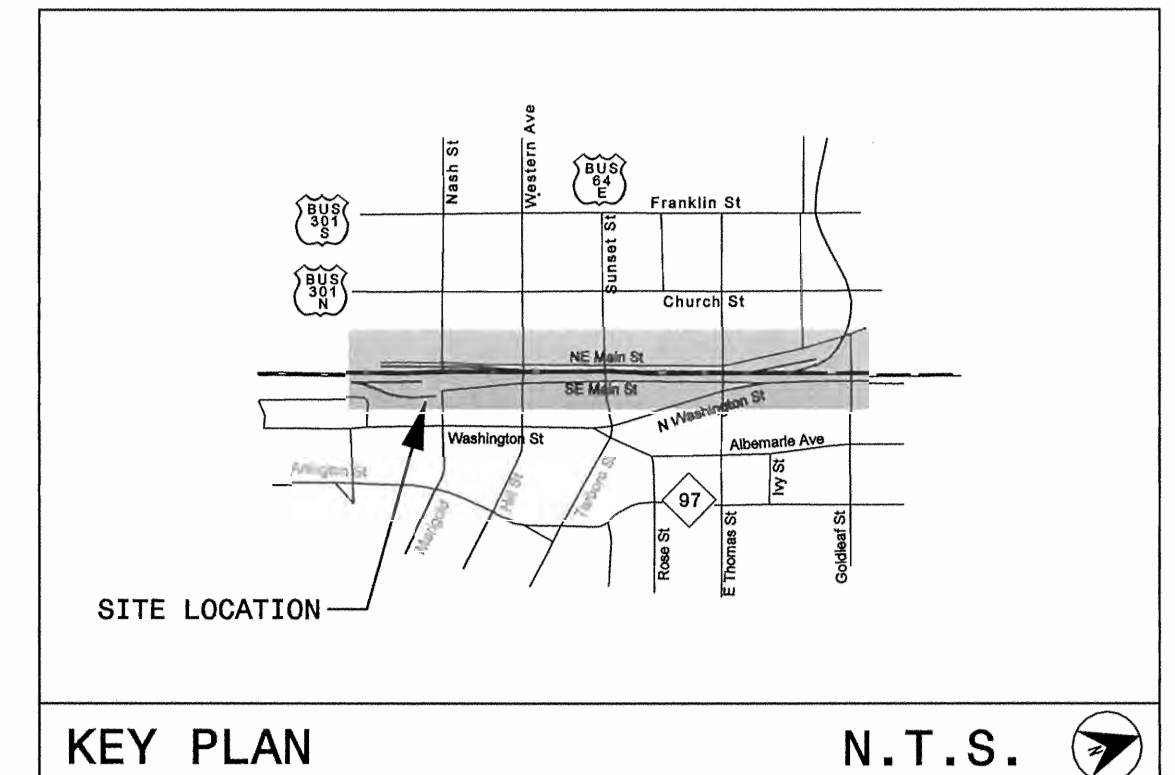
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MATCHLINE CV 10.26
MATCHLINE CV 10.25

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LEGEND

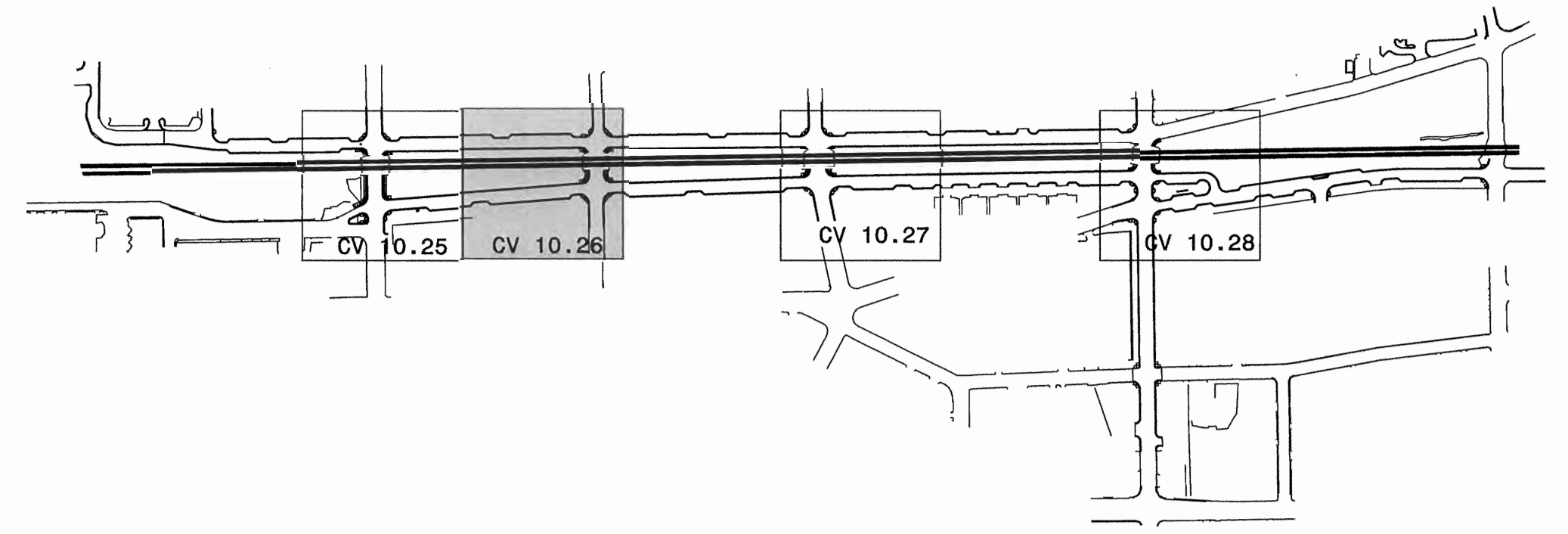
DESCRIPTION	LINE STYLE/SYMBOL
Existing Fiber Optic	FD
Existing Gas	GAS
Existing Sanitary Sewer	SS
Existing Water	V
Proposed Bore and Jack	BAJ
Proposed Bore Pit	[Square Symbol]
Proposed Directional Drill	DD
Proposed Underground Conduit	[Dashed Line]
Proposed Fence	X
Proposed Manhole	MH
Proposed Storm Drainage	[Thick Dashed Line]
Proposed Metal Light Pole	[Diamond Symbol]
Right of Way	[Dotted Line]
Direction of Traffic Flow	[Arrow]

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1716.01	JUNCTION BOXES

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
349 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554



KEY PLAN N.T.S.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED JACK AND BORE CONDUIT LOCATION

PROJECT NUMBER:
50219

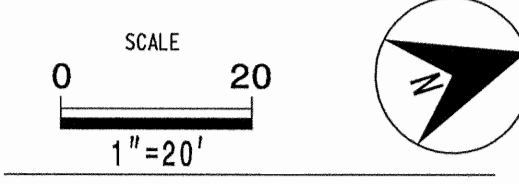
ISSUED:
09.13.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
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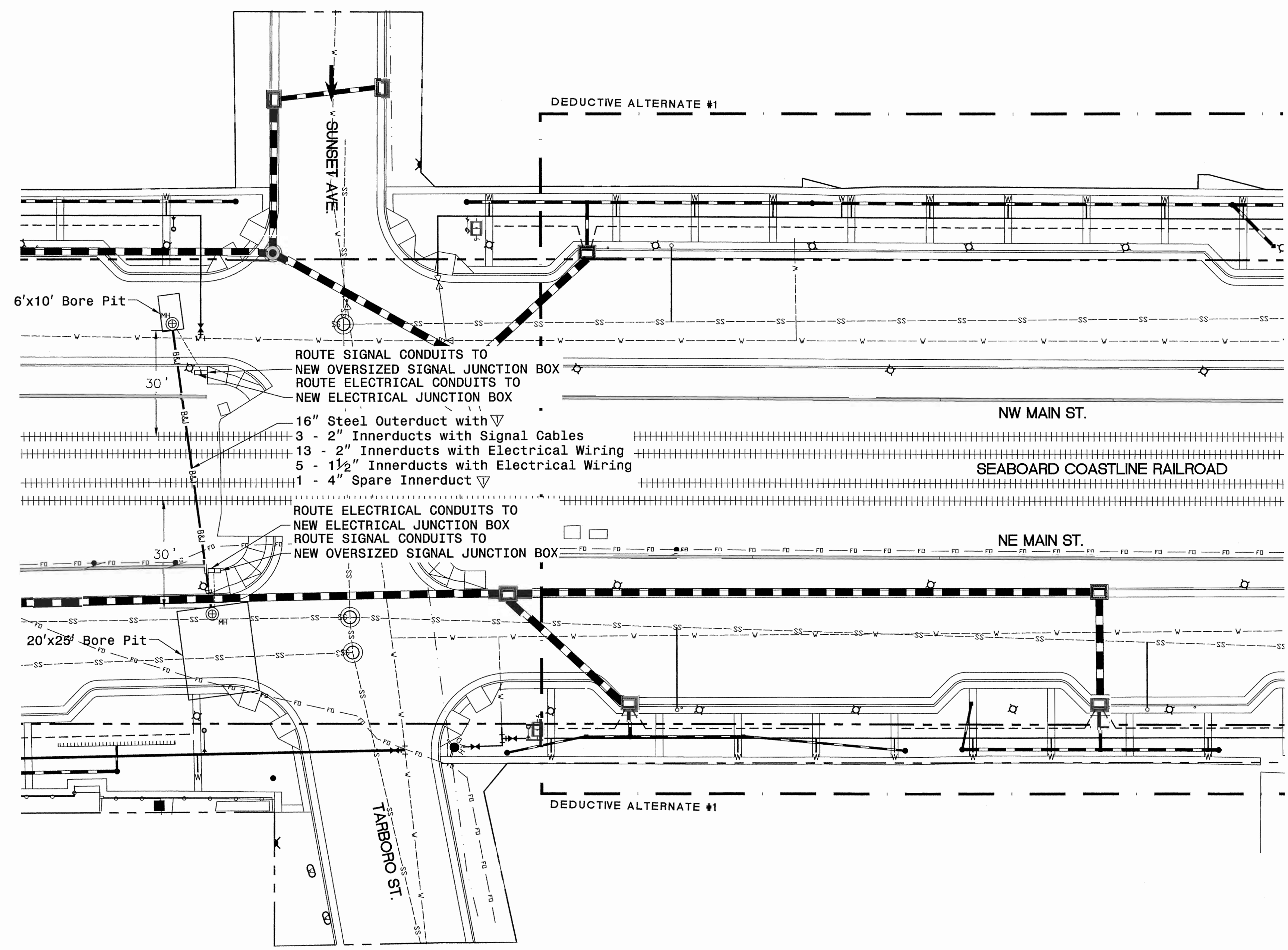


Signature: [Signature] DATE: 9-29-10

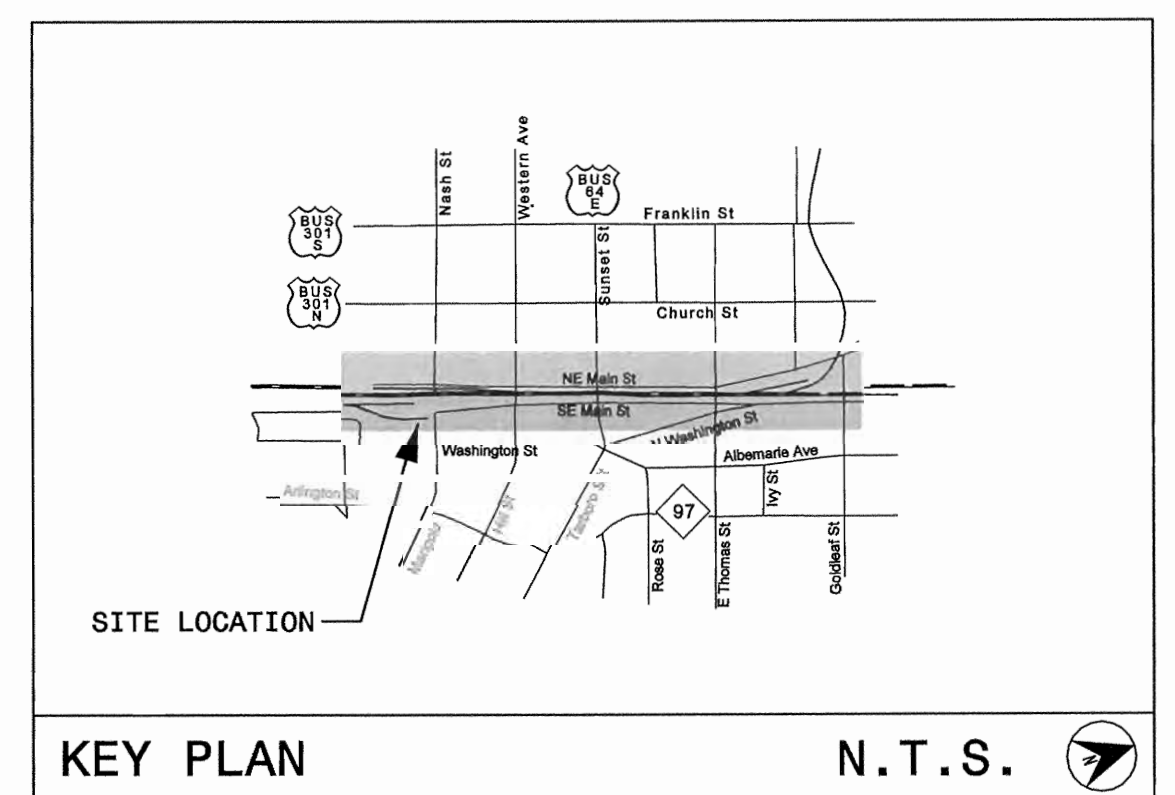


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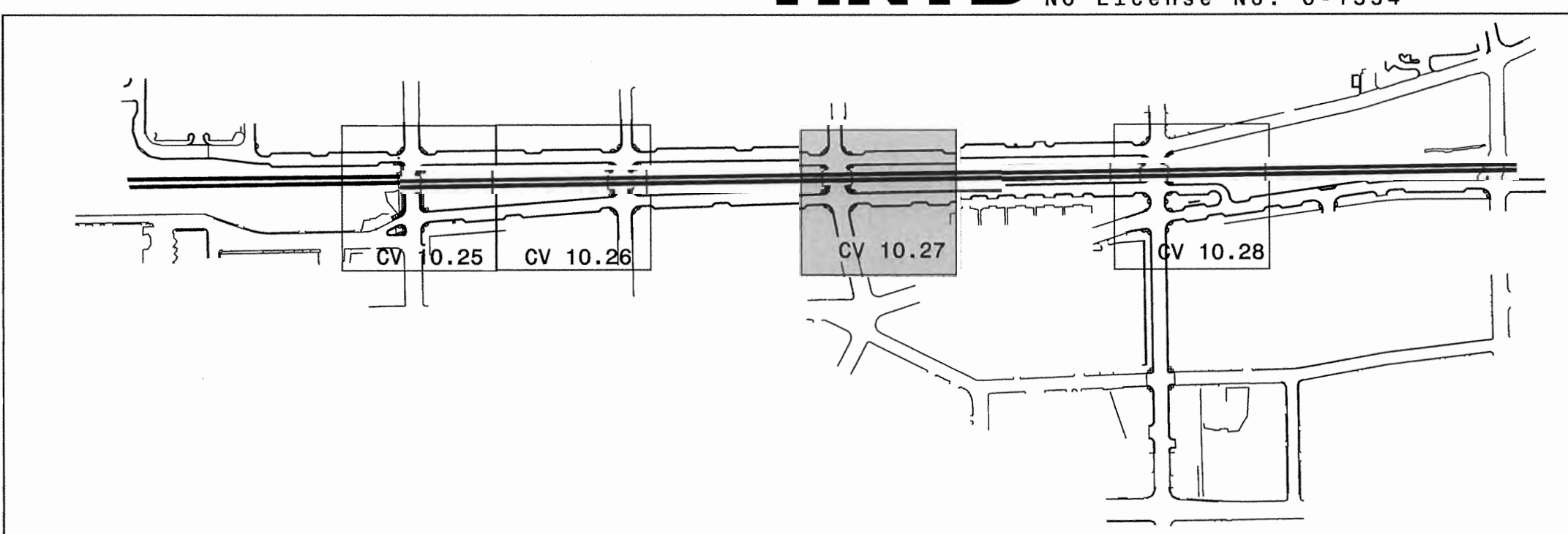
DESCRIPTION	LINE STYLE/SYMBOL
Existing Fiber Optic	— FO —
Existing Gas	— GAS —
Existing Sanitary Sewer	— SS —
Existing Water	— W —
Proposed Bore and Jack	— BAJ —
Proposed Bore Pit	[Square Symbol]
Proposed Directional Drill	— DD —
Proposed Underground Conduit	— UC —
Proposed Fence	— X —
Proposed Manhole	⊕ MH
Proposed Storm Drainage	— SD —
Proposed Metal Light Pole	⋄
Right of Way	— RW —
Direction of Traffic Flow	→

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 Raleigh, North Carolina 27609
 NC License No: C-1854



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

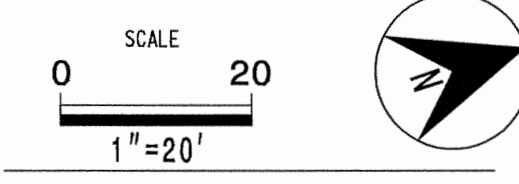
PROPOSED JACK AND BORE CONDUIT LOCATION

PROJECT NUMBER:
50219
 ISSUED:
09.13.10

REVISED: #	COMMENTS:
9-29-10	1 BORE AND JACK
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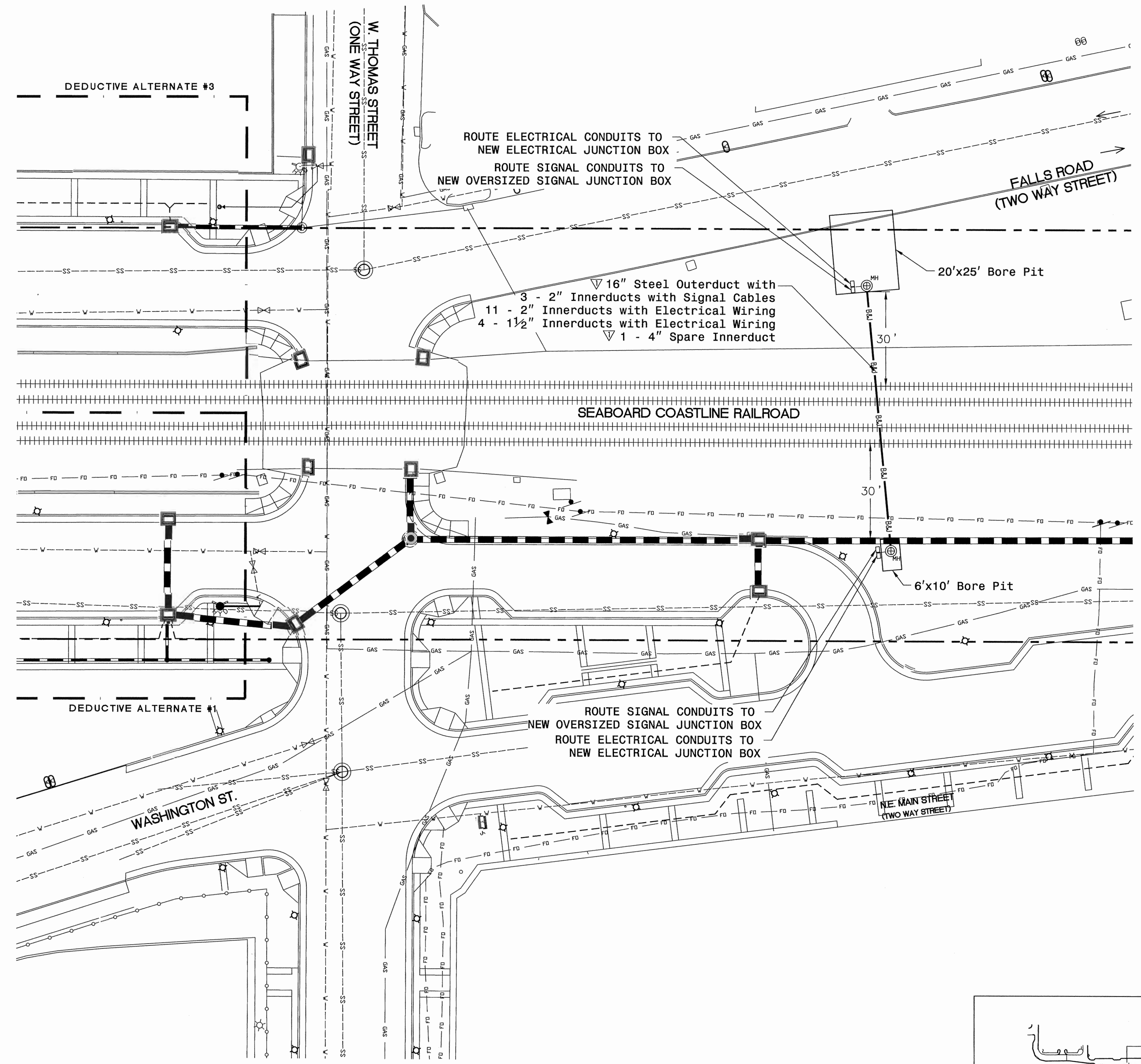
Natasha M. Robinson 9-29-10
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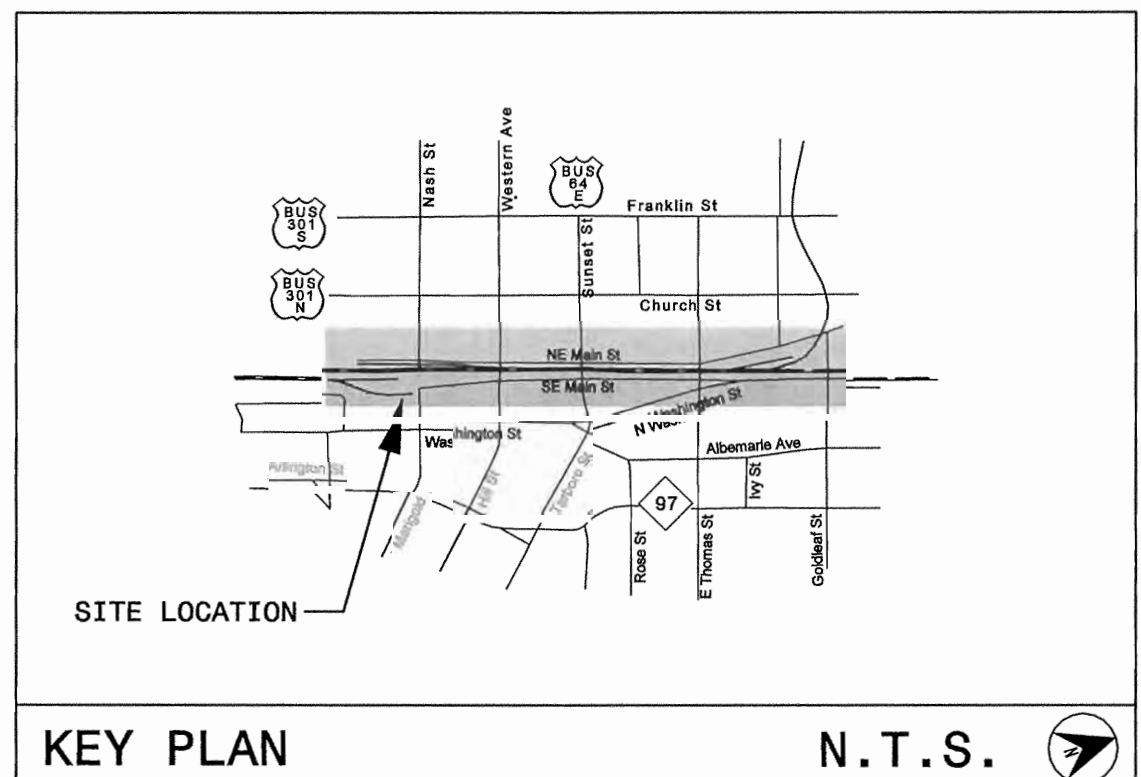
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KEY PLAN N.T.S.



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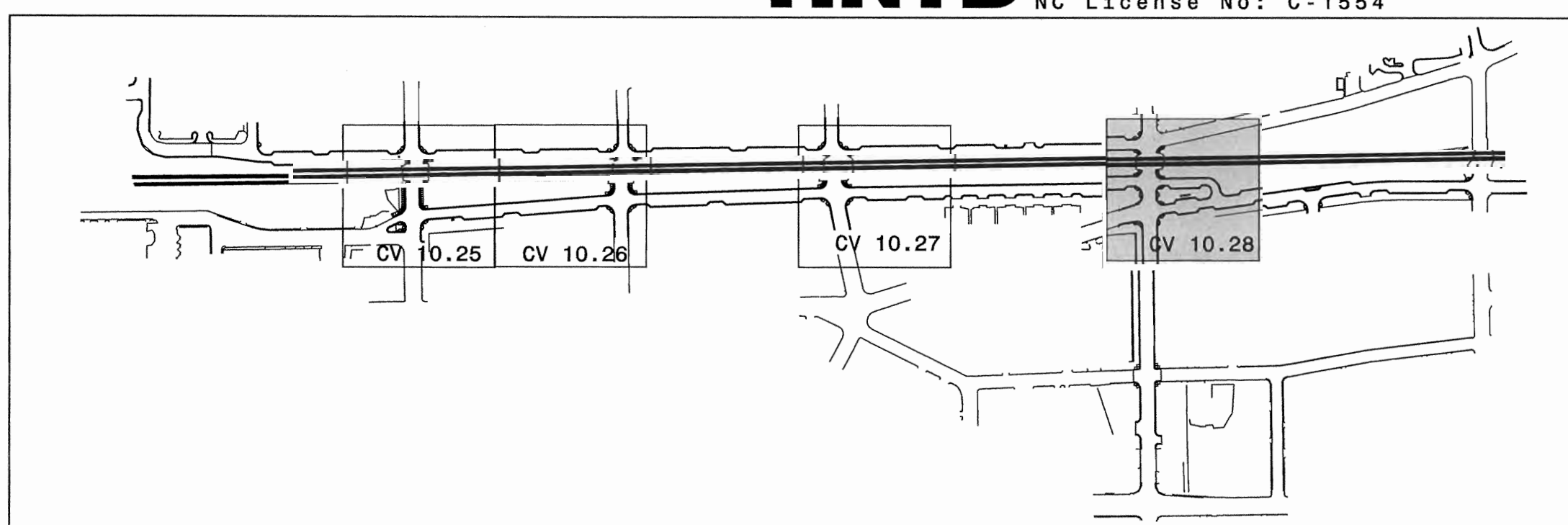
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KEY PLAN N.T.S.

Harris G Associates, Inc.
 Construction Consultants

MORTAR&ink
 Capital Design for the Built World

elM

HNTB

Cole Jenest & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED JACK AND BORE CONDUIT LOCATION

PROJECT NUMBER:
50219

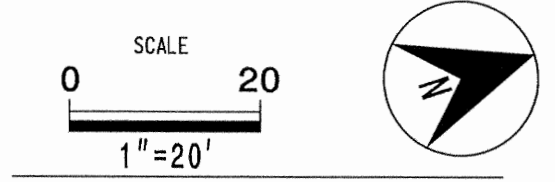
ISSUED:
09.13.10

REVISED: # COMMENTS:

DATE	NO.	COMMENTS
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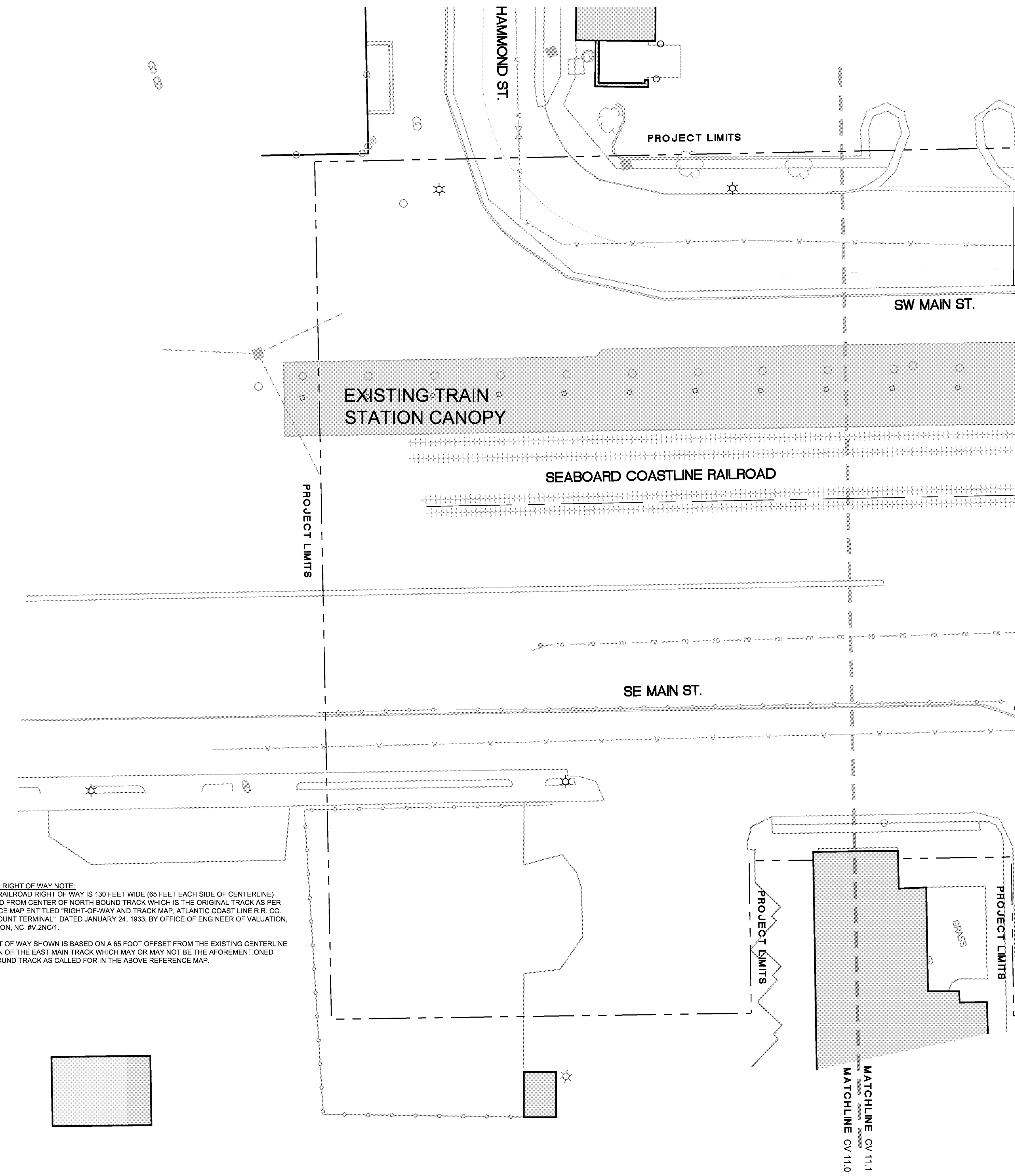
Signature: *N. Ashia M. Roberts* DATE: 9-29-10



CV 10.28

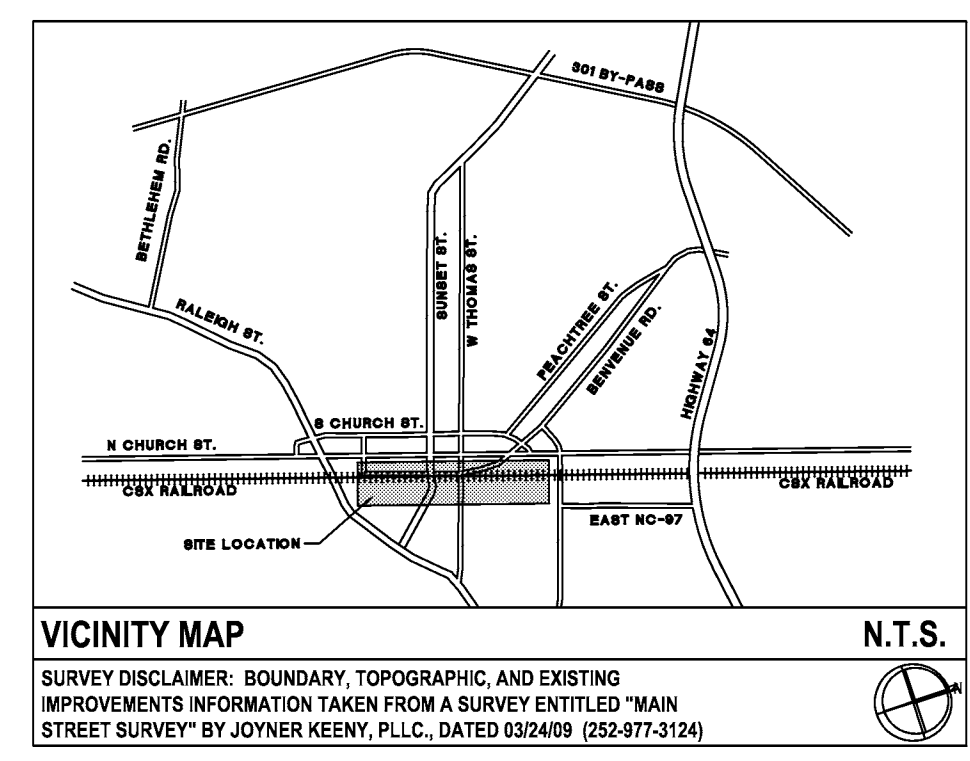
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RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.

THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (PLANTING)

SYMBOL	DETAIL
	PROPOSED TREE 2/CV11.14
	PROPOSED SHRUBS 3/CV11.14
	PROPOSED SHRUBS 3/CV11.14
	PROPOSED LIRIOPE 1/CV11.14
	PROPOSED CAREX 1/CV11.14
	PROPOSED DAYLILY 1/CV11.14
	PROPOSED SEED/SOD -/-
	PROPOSED LIGHT FIXTURE -/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:

50219

ISSUED:

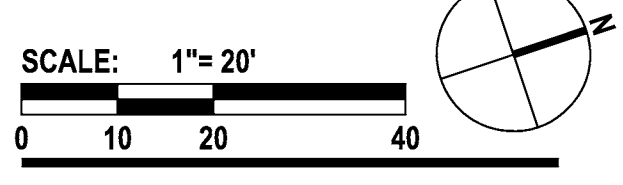
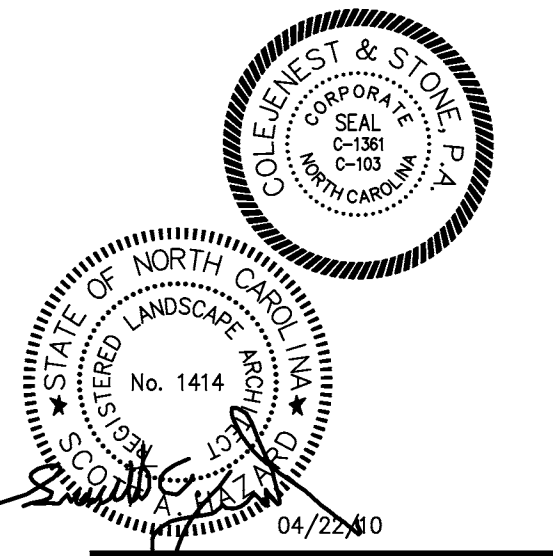
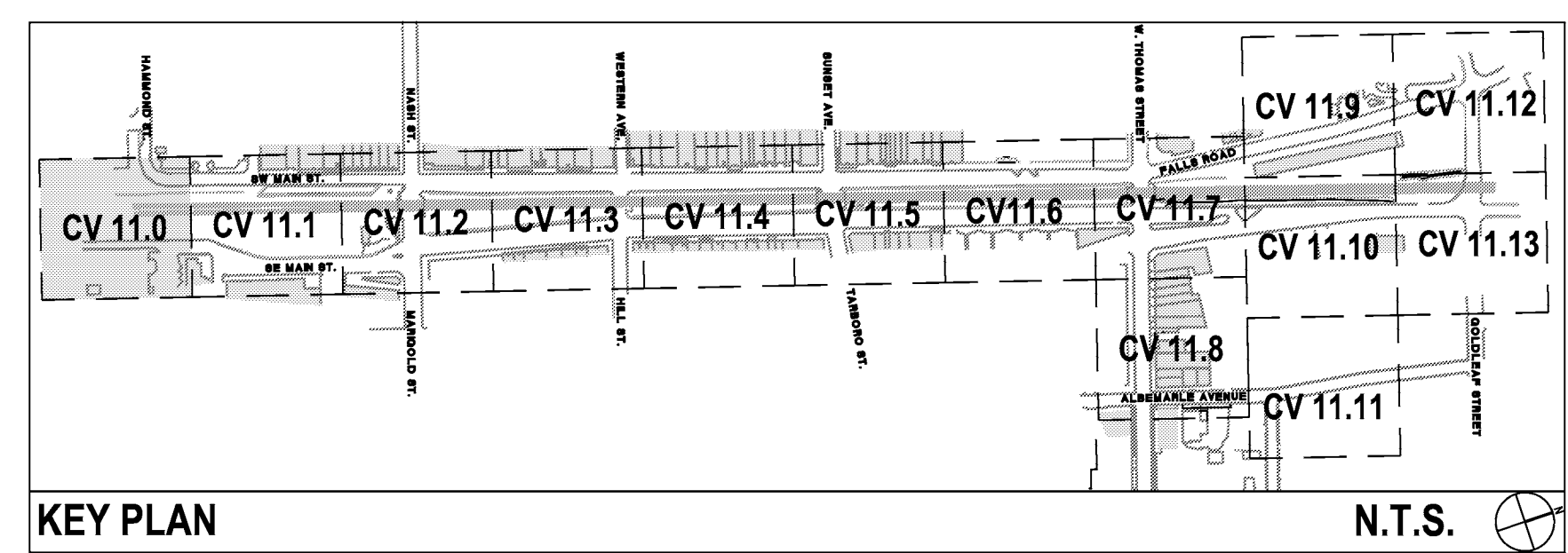
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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

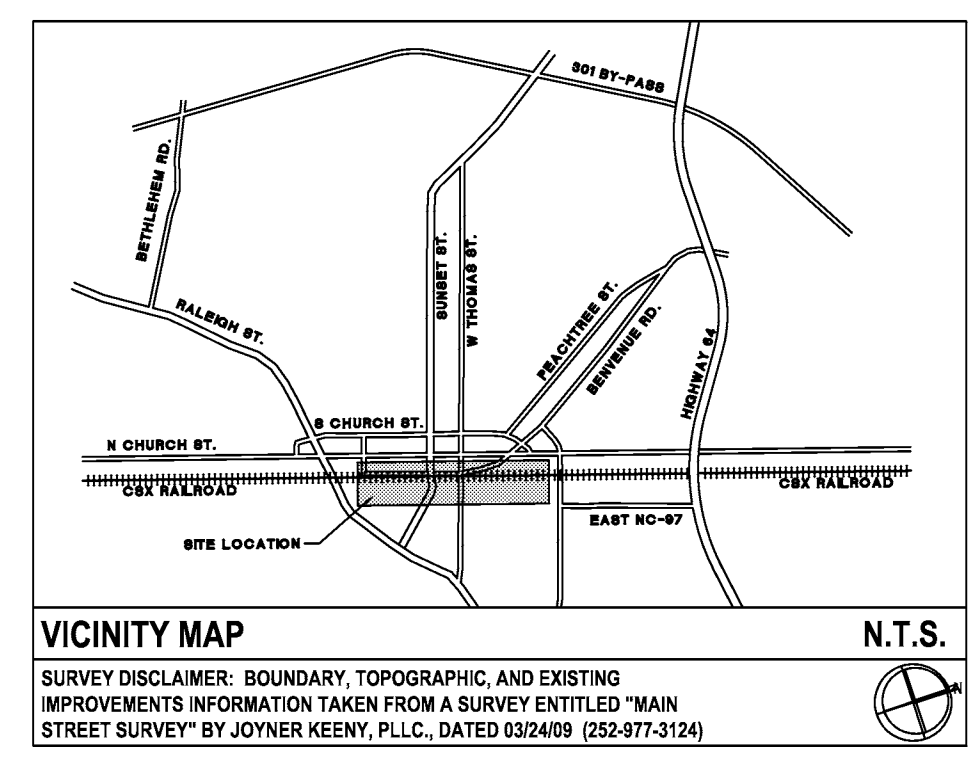
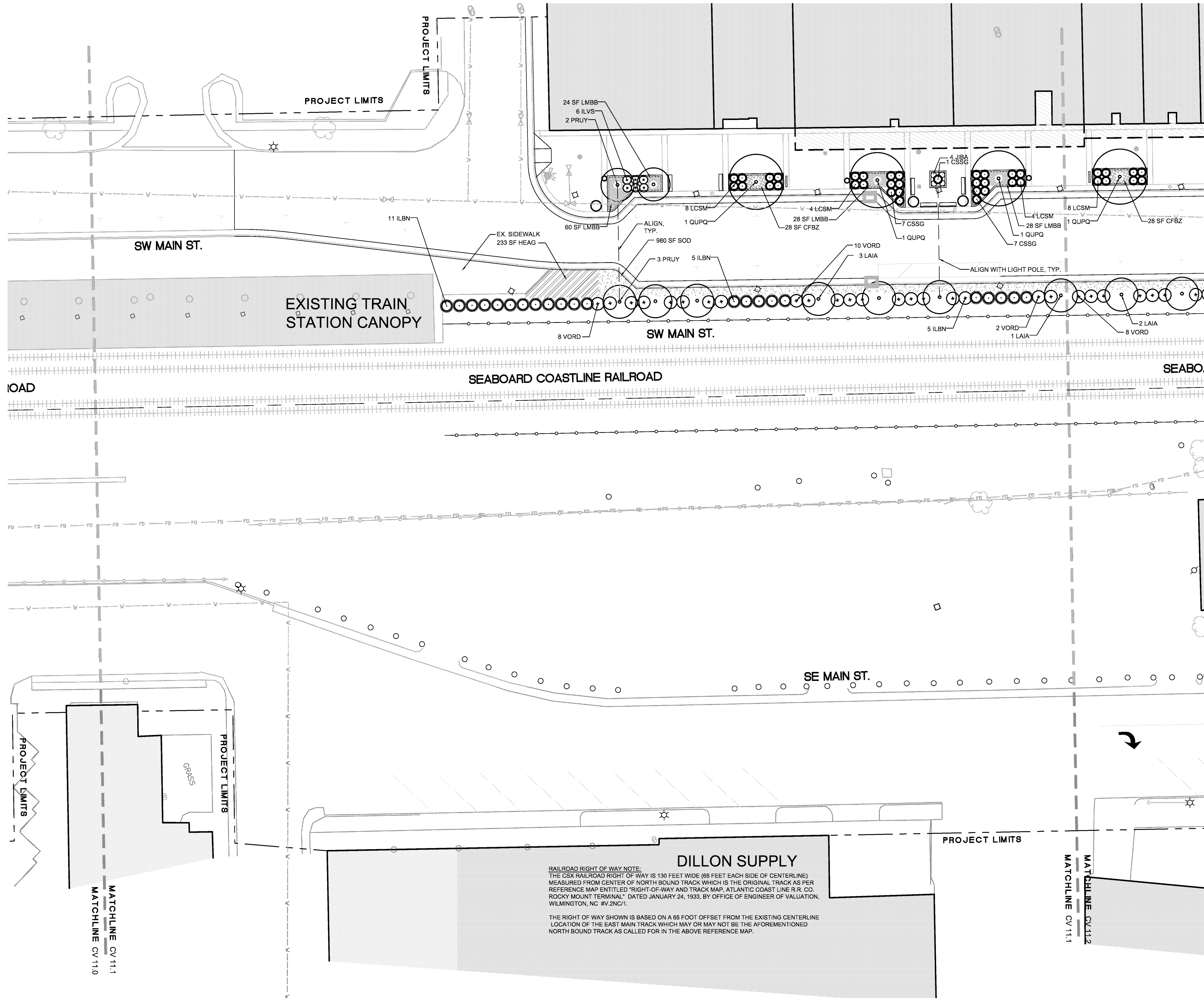
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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CV 11.0

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LEGEND (PLANTING)

SYMBOL		DETAIL
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	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-

Irriigation Construction Consultants

MORTAR&ink Graphics Design for the Small World

elm LANDSCAPE ARCHITECTURE

HNTB

Colajennet & Stone



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
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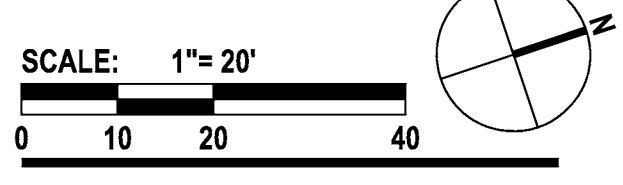
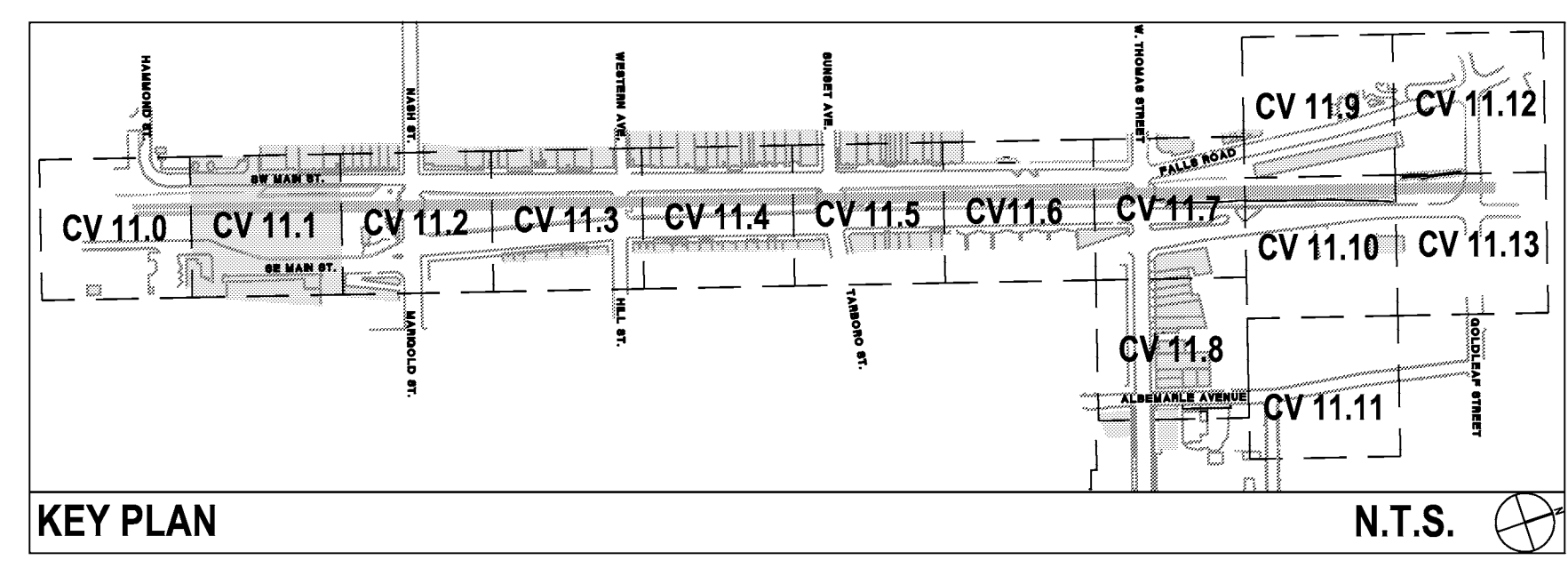
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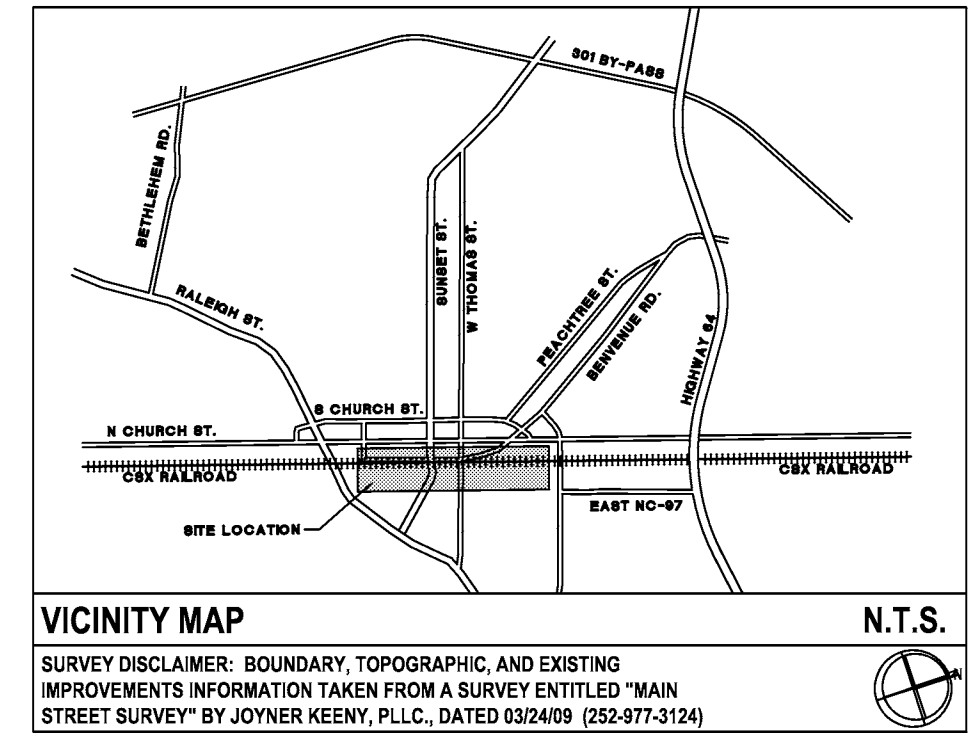
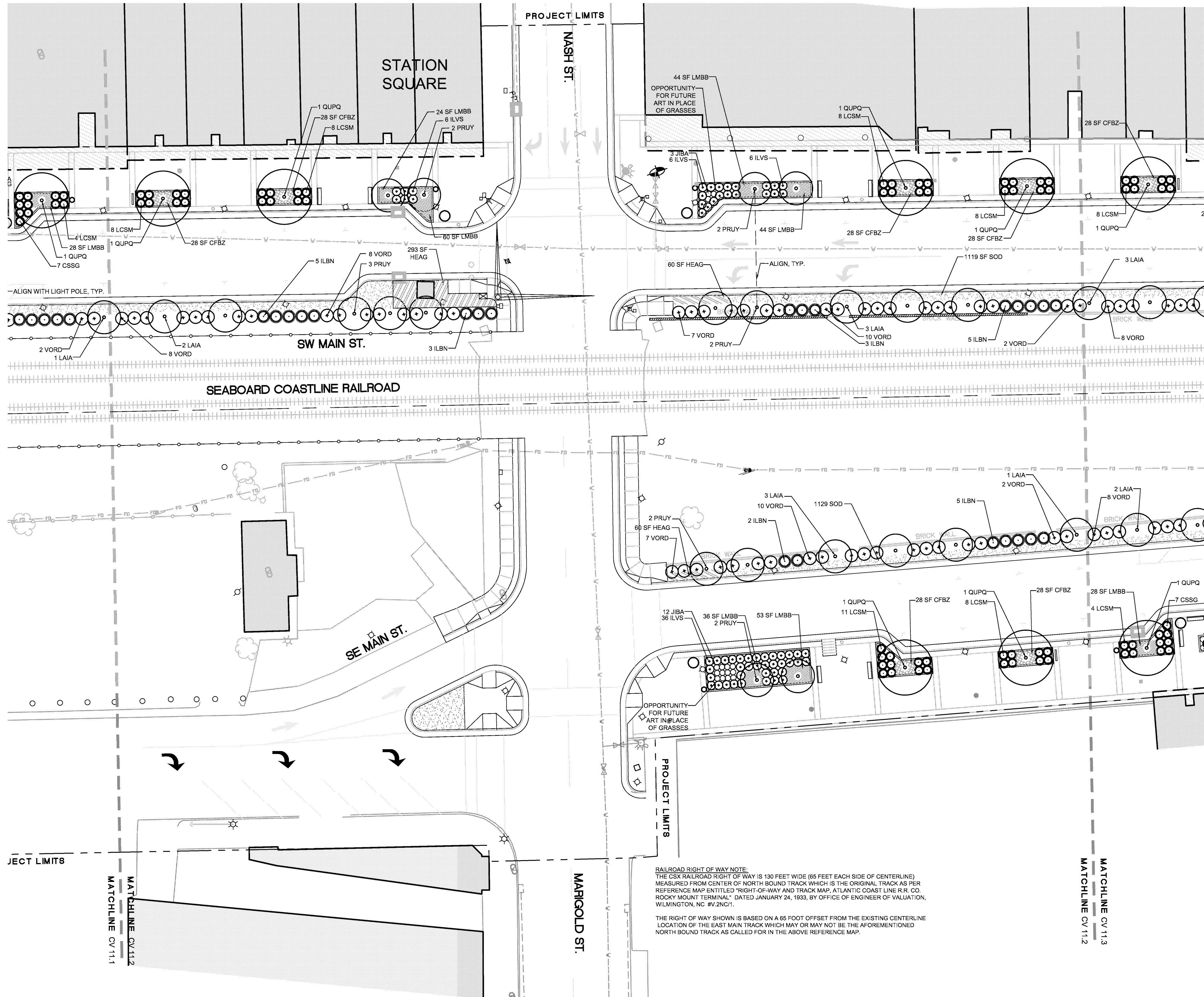
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CV 11.1

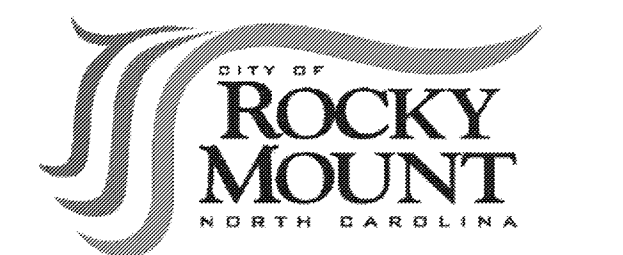
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LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
	PROPOSED TREE	2/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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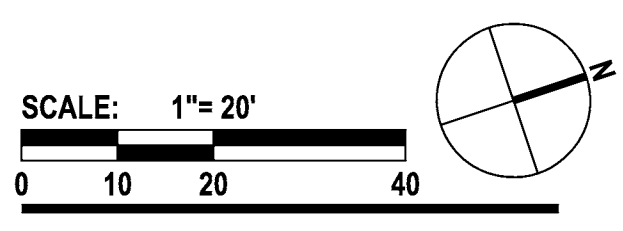
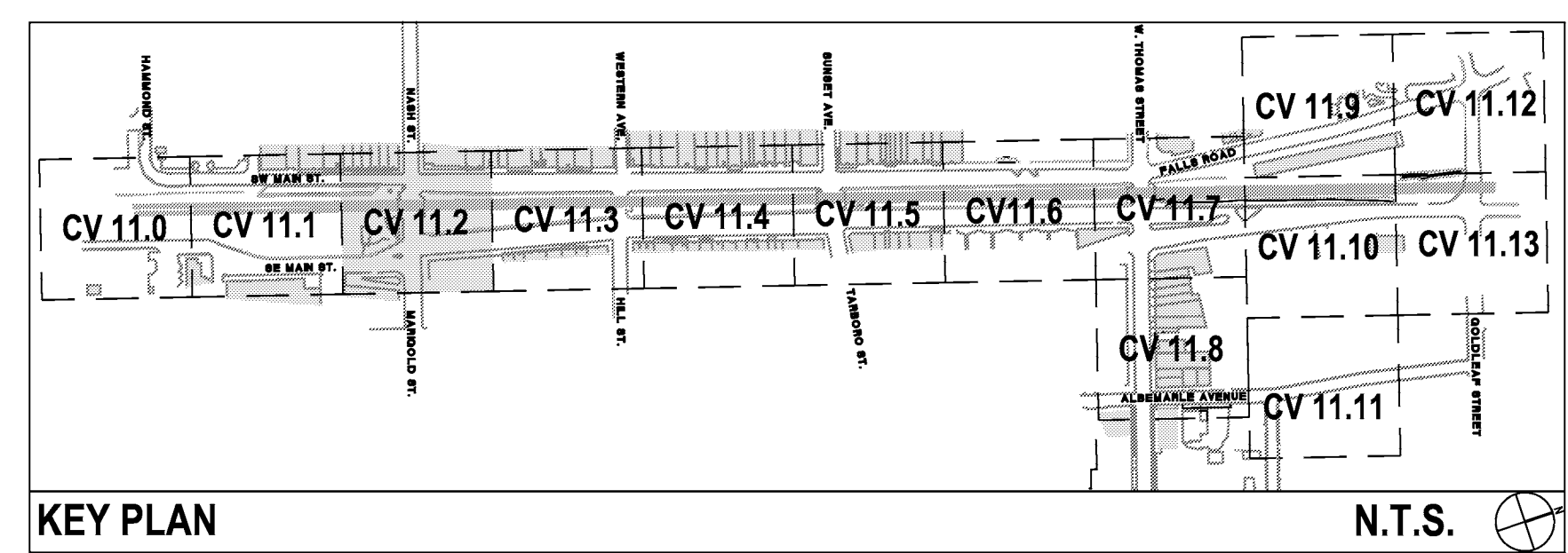
RAILROAD RIGHT OF WAY NOTE:
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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.



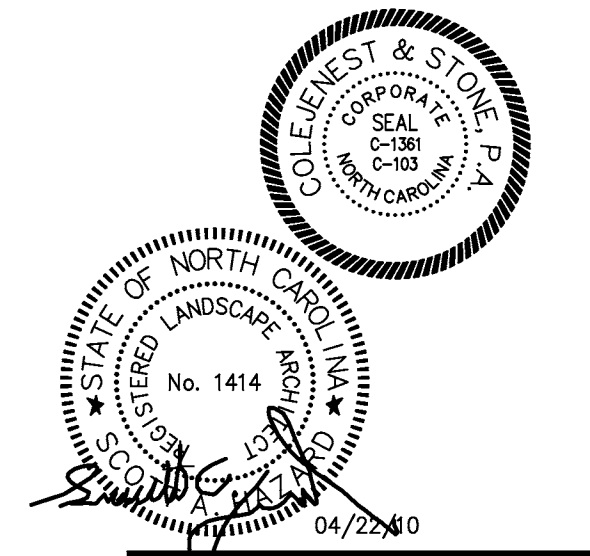
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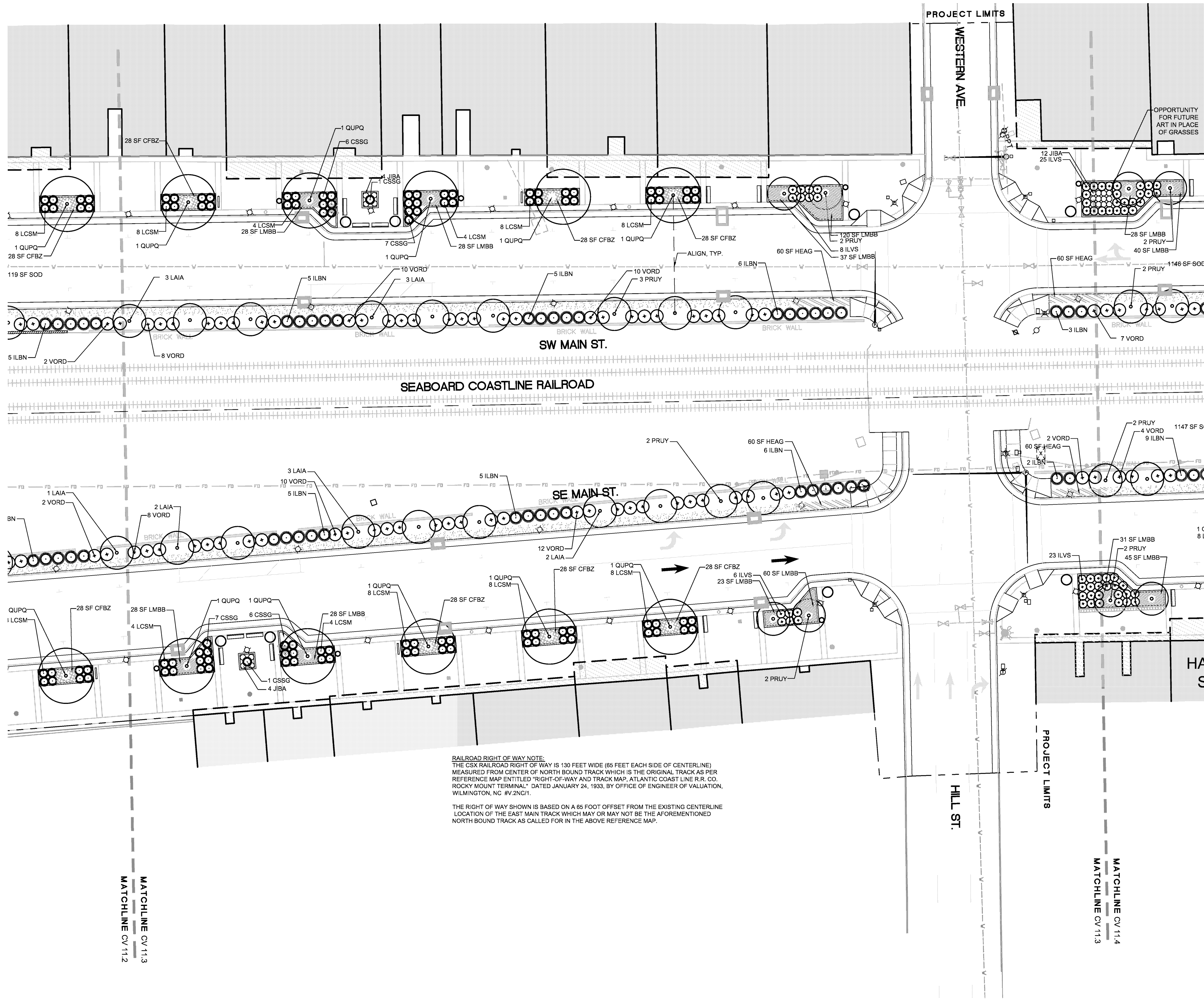


CV 11.2

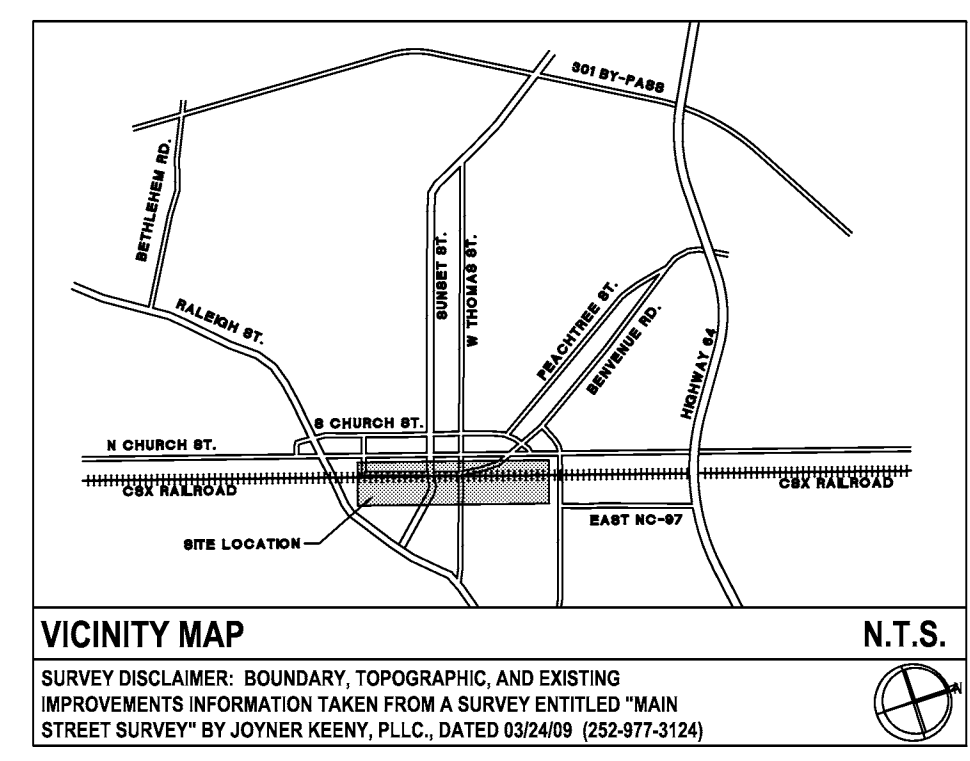
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LEGEND (PLANTING)

SYMBOL	DETAIL
(+)	PROPOSED TREE 2/CV11.14
(●●●●●)	PROPOSED SHRUBS 3/CV11.14
(○○○○○)	PROPOSED SHRUBS 3/CV11.14
(//)	PROPOSED LIRIOPE 1/CV11.14
(X)	PROPOSED CAREX 1/CV11.14
(//)	PROPOSED DAYLILY 1/CV11.14
(.)	PROPOSED SEED/SOD -/-
(+)	PROPOSED LIGHT FIXTURE -/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:

50219

ISSUED:

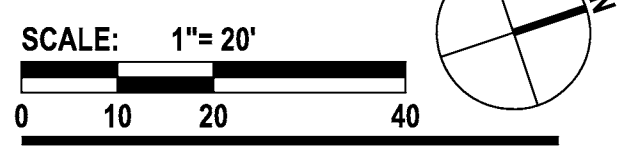
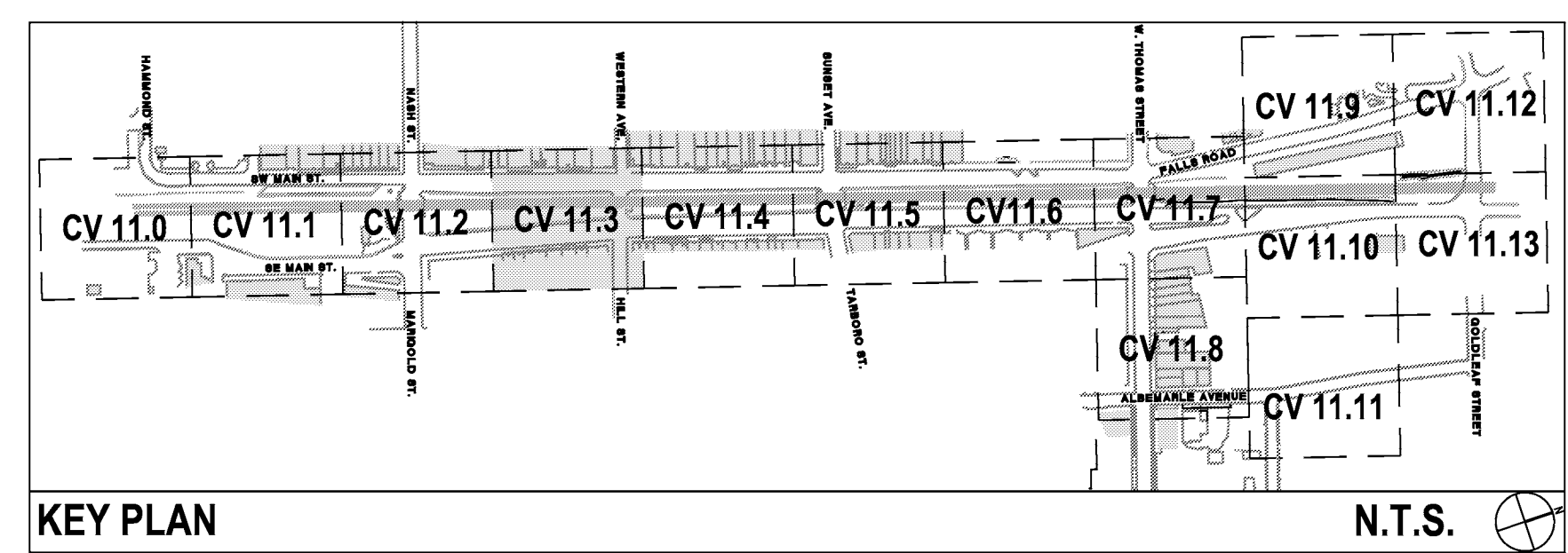
04.22.10

REVISED: # COMMENTS:

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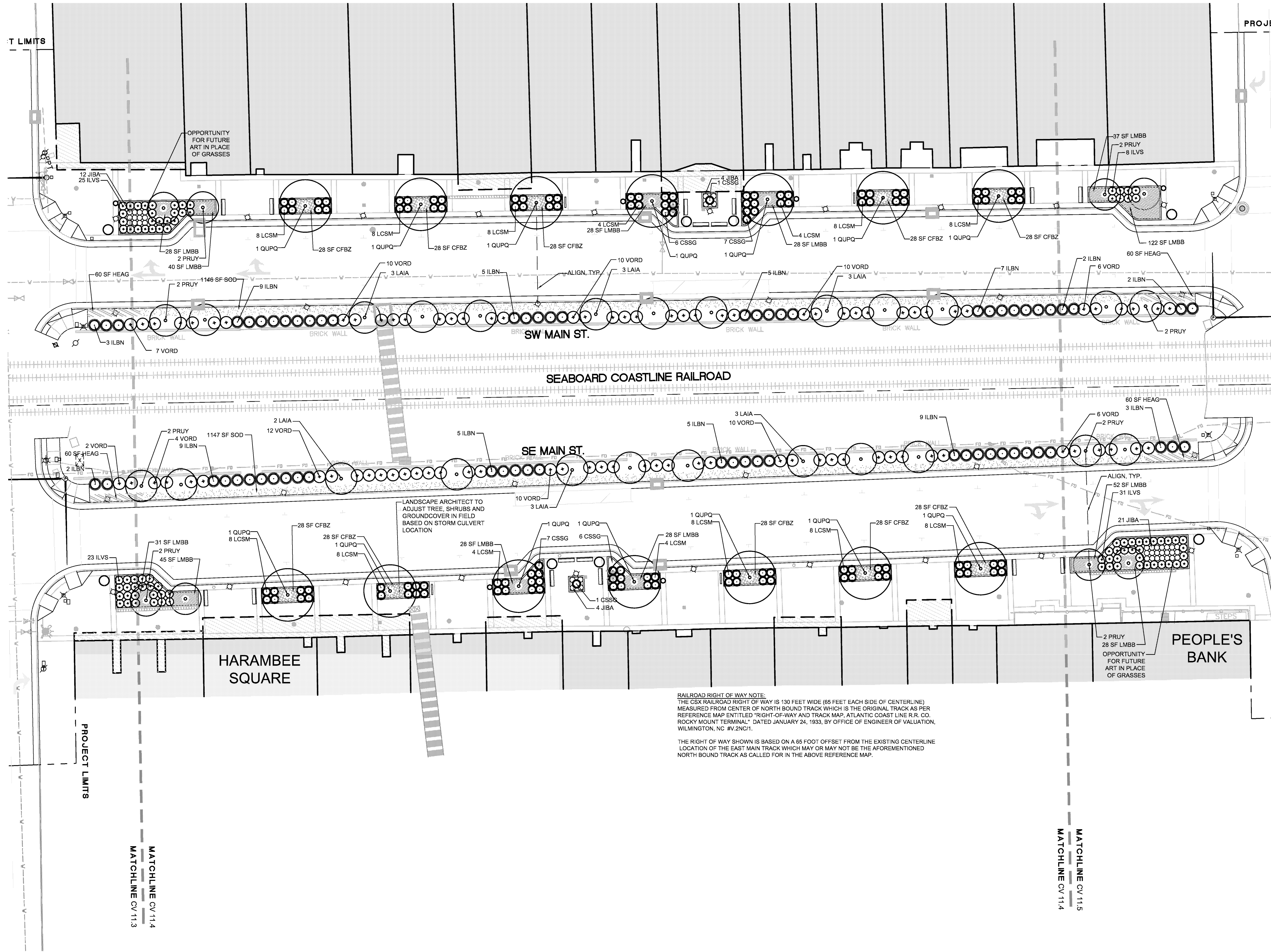
PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

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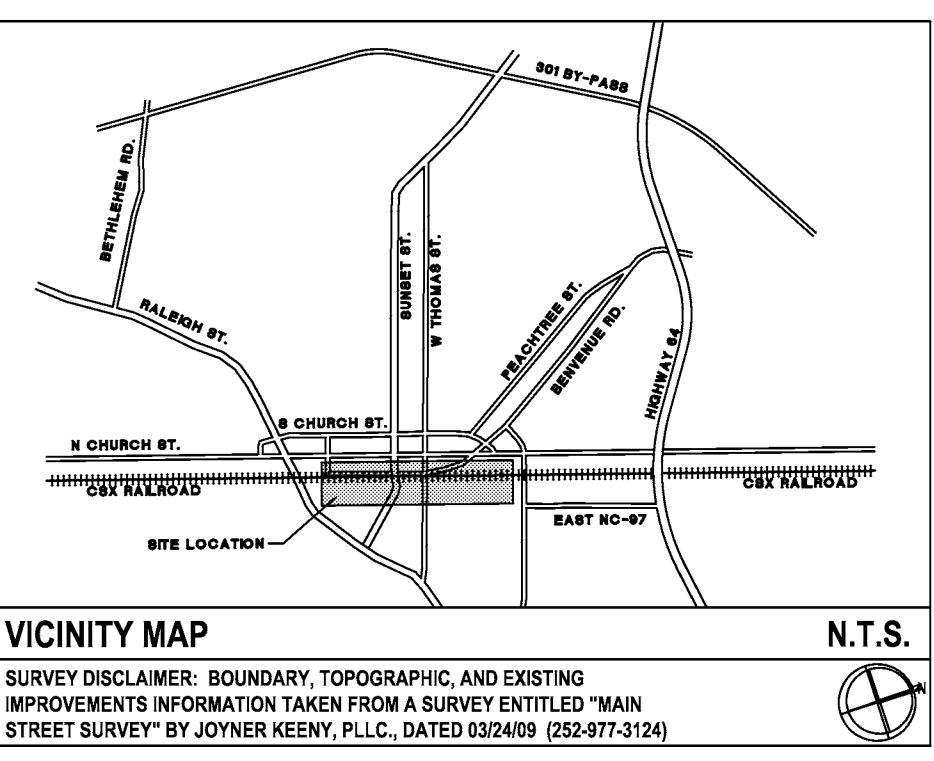


CV 11.3

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LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
(+)	PROPOSED TREE	2/CV11.14
(●●●●)	PROPOSED SHRUBS	3/CV11.14
(○○○○)	PROPOSED SHRUBS	3/CV11.14
(//)	PROPOSED LIRIOPE	1/CV11.14
(X)	PROPOSED CAREX	1/CV11.14
(//)	PROPOSED DAYLILY	1/CV11.14
(.)	PROPOSED SEED/SOD	-/-
(+)	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
50219

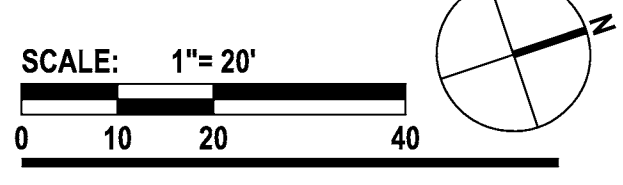
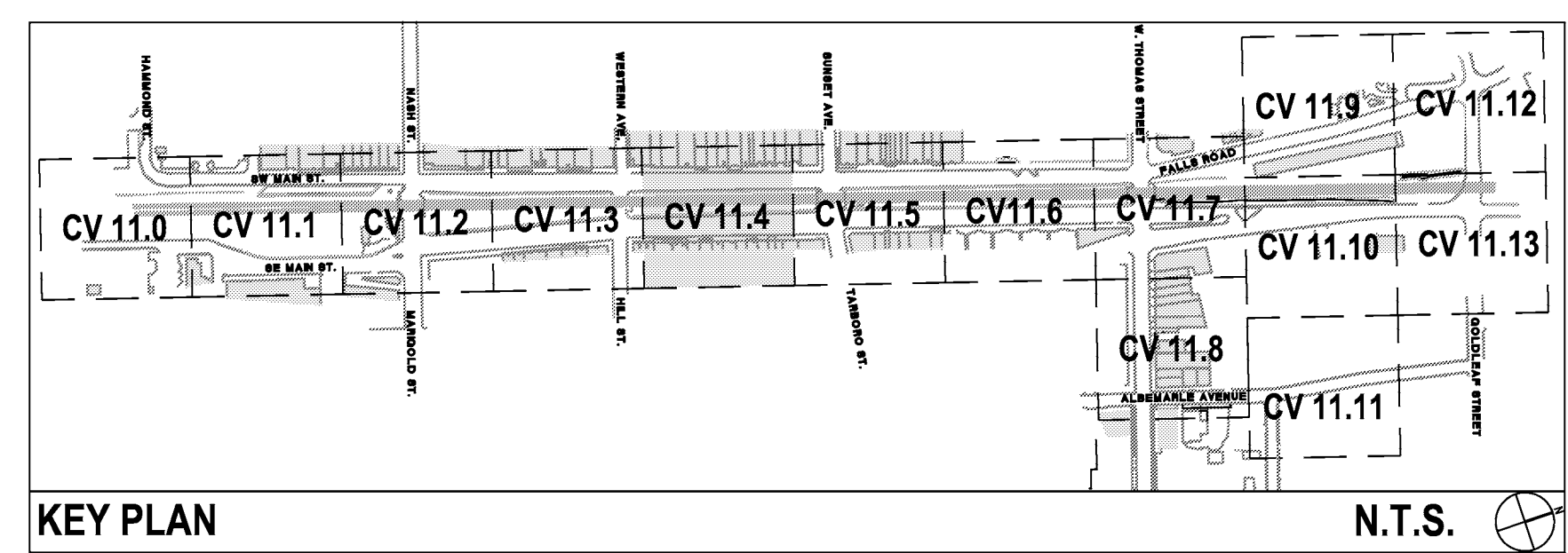
ISSUED:
04.22.10

REVISED: # COMMENTS:

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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

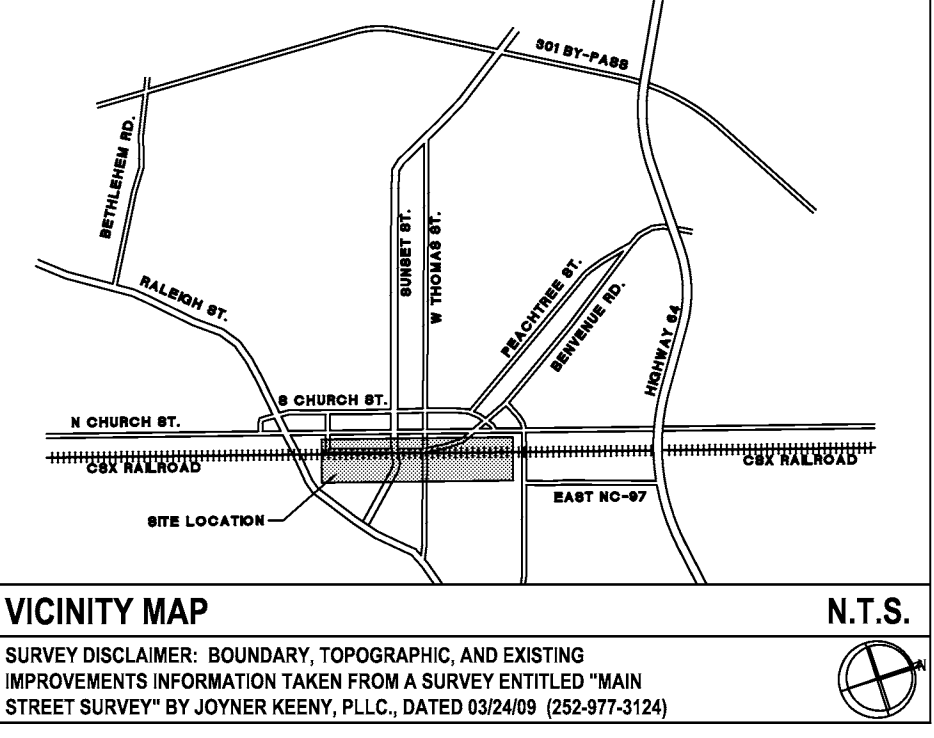
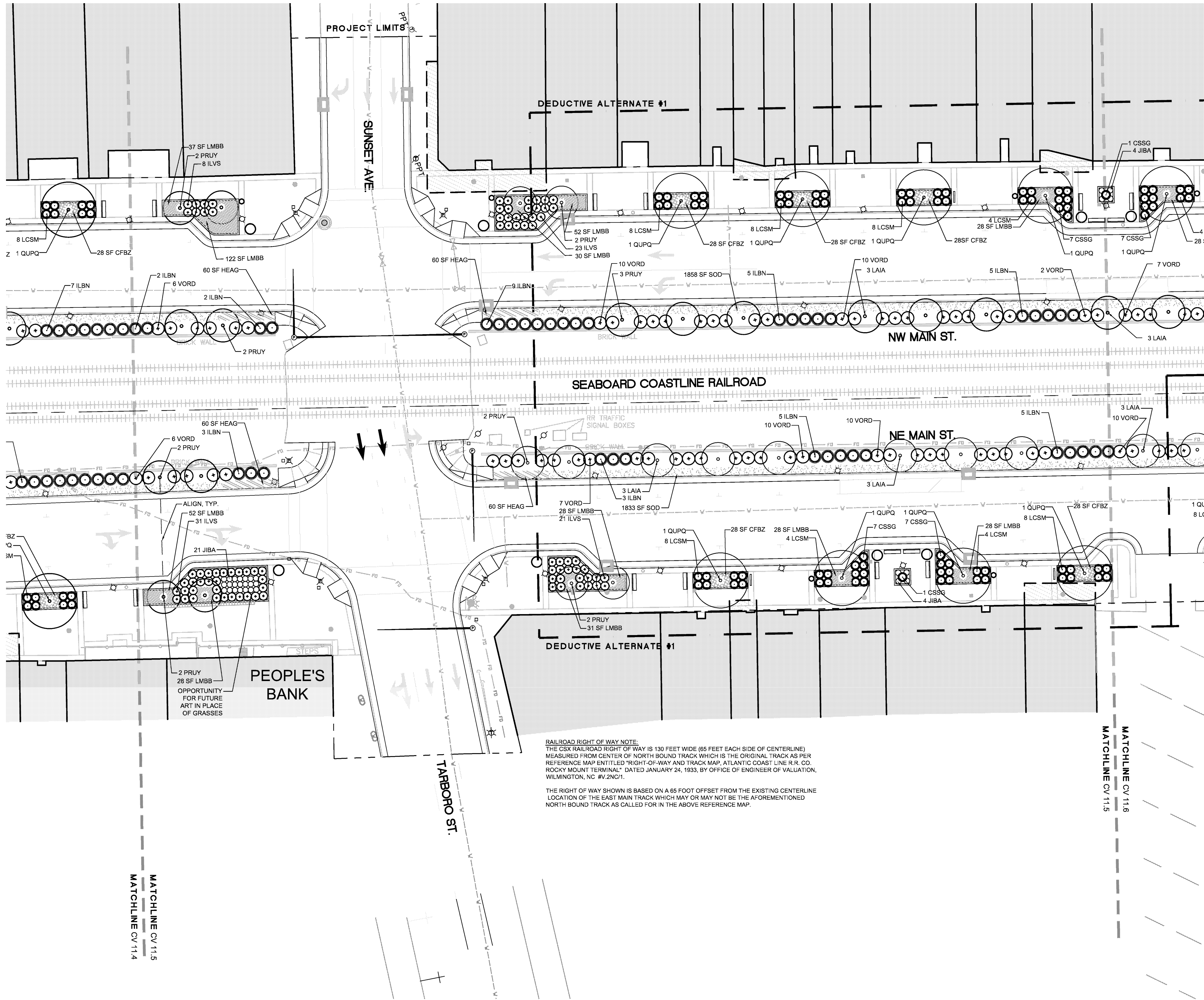
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CV 11.4

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LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
(+)	PROPOSED TREE	2/CV11.14
(•••••)	PROPOSED SHRUBS	3/CV11.14
(•••••)	PROPOSED SHRUBS	3/CV11.14
(//)	PROPOSED LIRIOPE	1/CV11.14
(X)	PROPOSED CAREX	1/CV11.14
(//)	PROPOSED DAYLILY	1/CV11.14
(•••••)	PROPOSED SEED/SOD	-/-
(+)	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER: **50219**

ISSUED: **04.22.10**

REVISED: # COMMENTS:

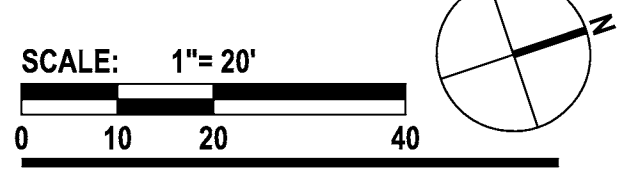
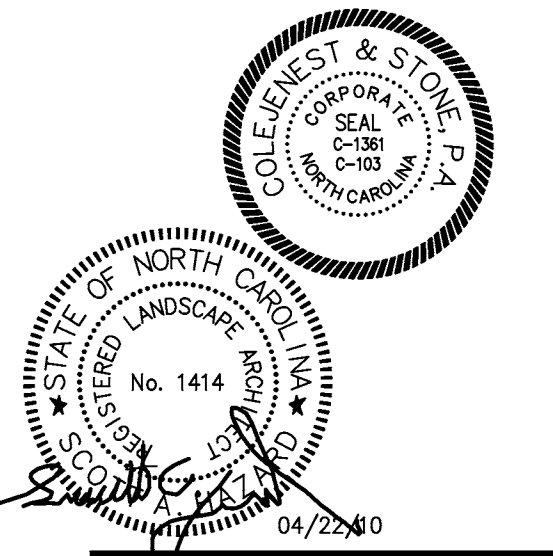
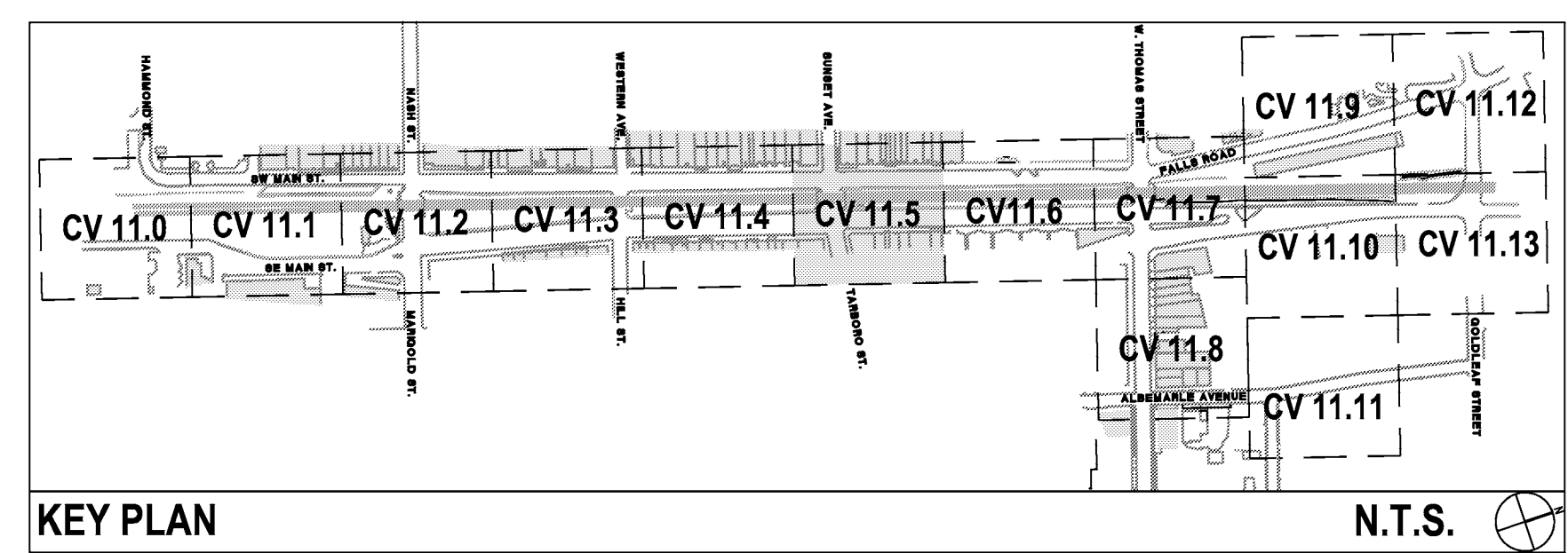
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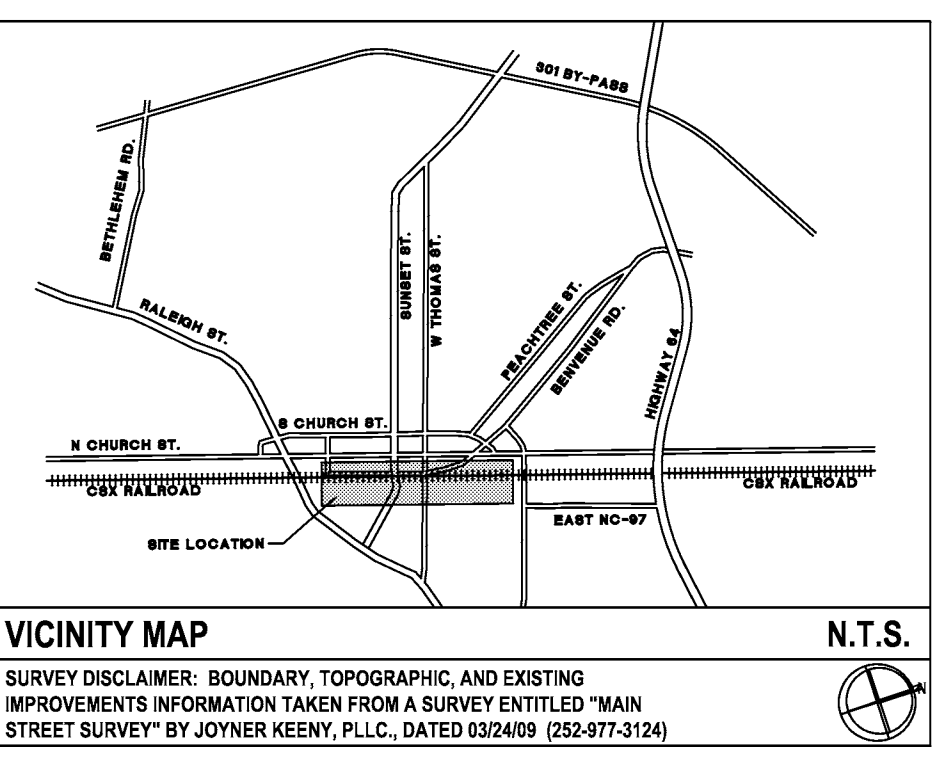
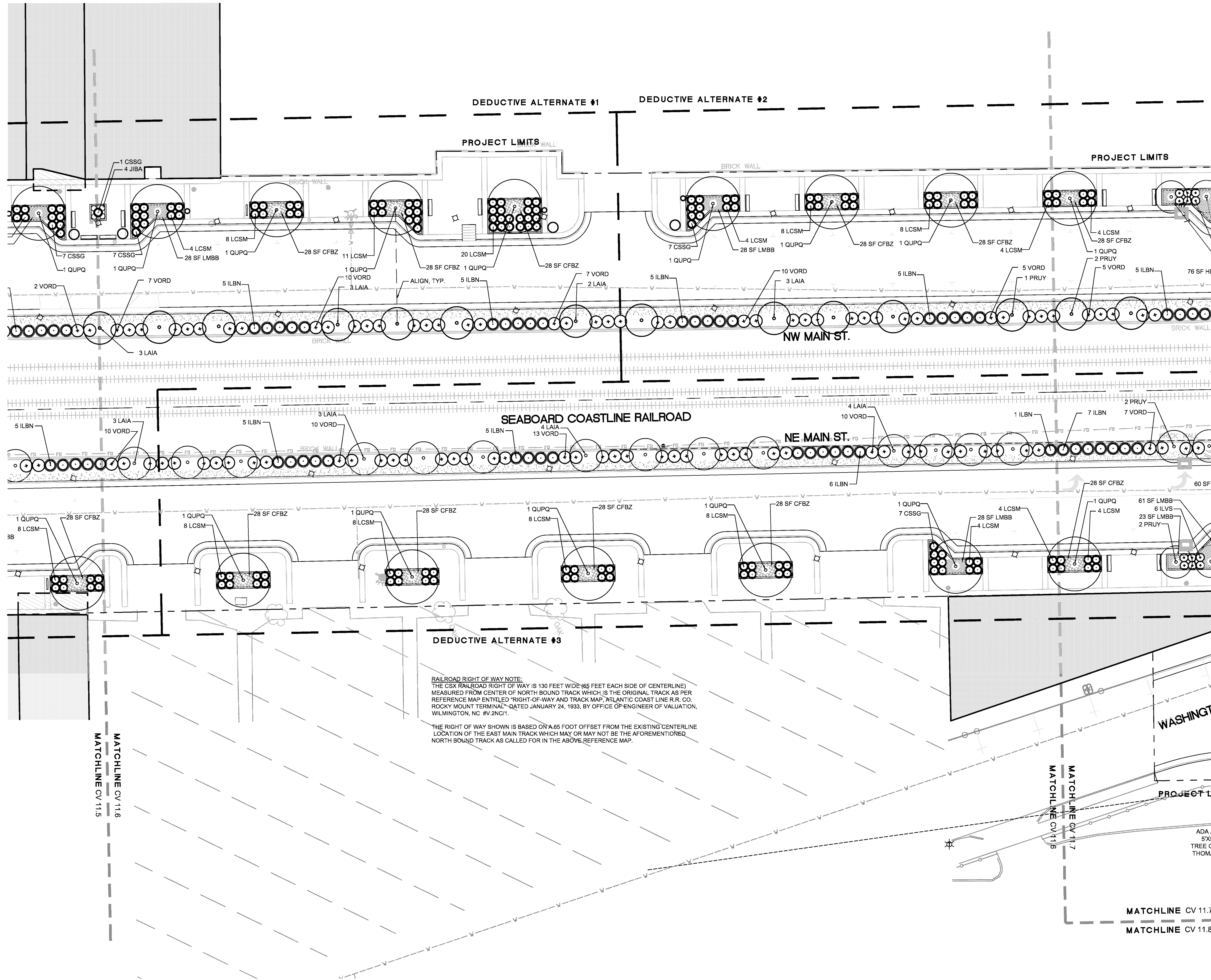
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CV 11.5

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LEGEND (PLANTING)

SYMBOL	DETAIL
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(•••••)	PROPOSED SHRUBS 3/CV11.14
(•••••)	PROPOSED SHRUBS 3/CV11.14
(//)	PROPOSED LIRIOPE 1/CV11.14
(X)	PROPOSED CAREX 1/CV11.14
(//)	PROPOSED DAYLILY 1/CV11.14
(•••••)	PROPOSED SEED/SOD -/-
(+)	PROPOSED LIGHT FIXTURE -/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER: 50219

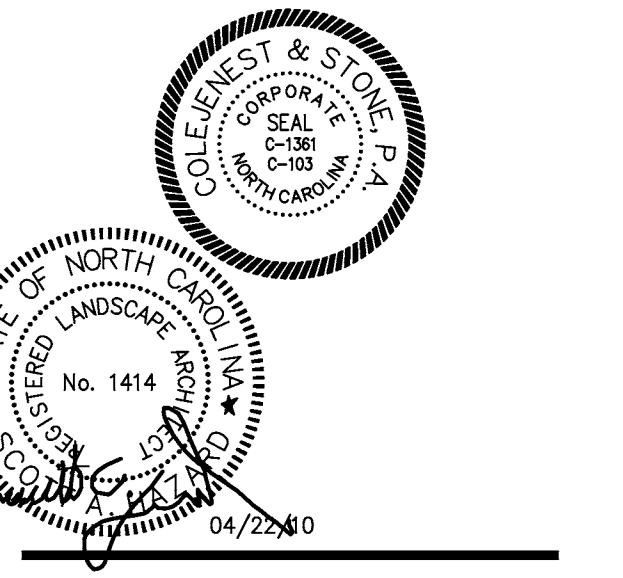
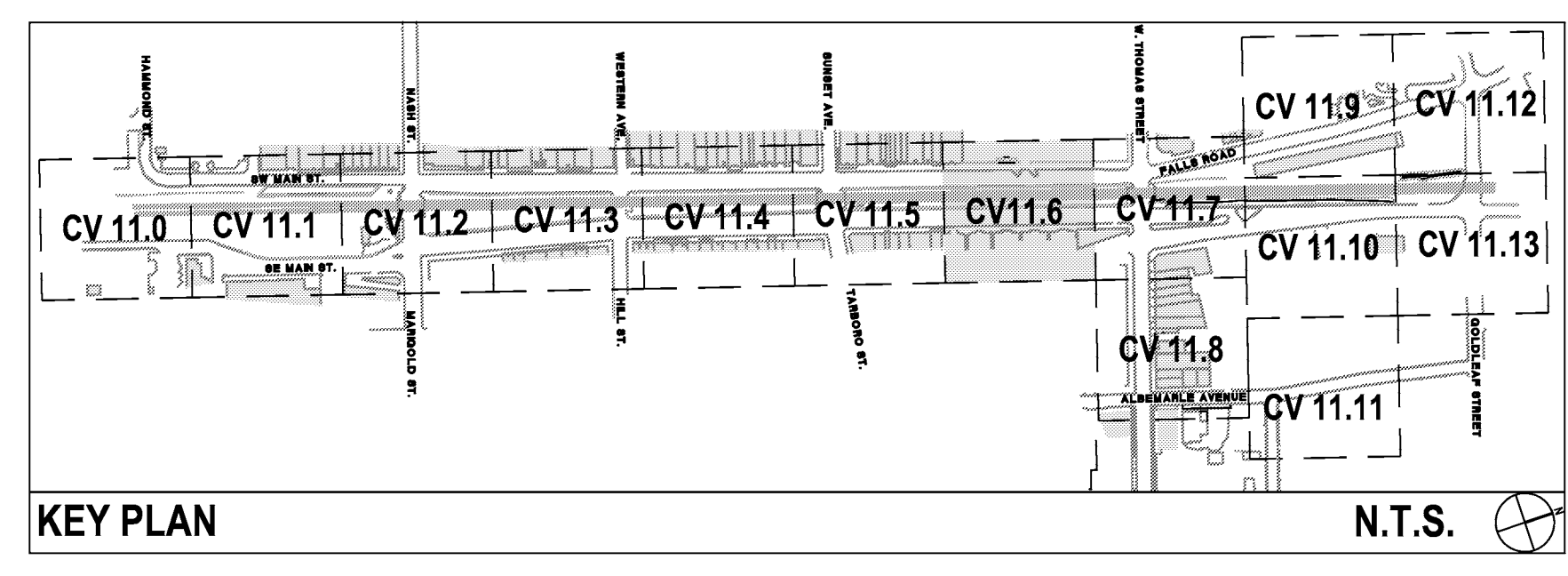
ISSUED: 04.22.10

REVISED: # COMMENTS:

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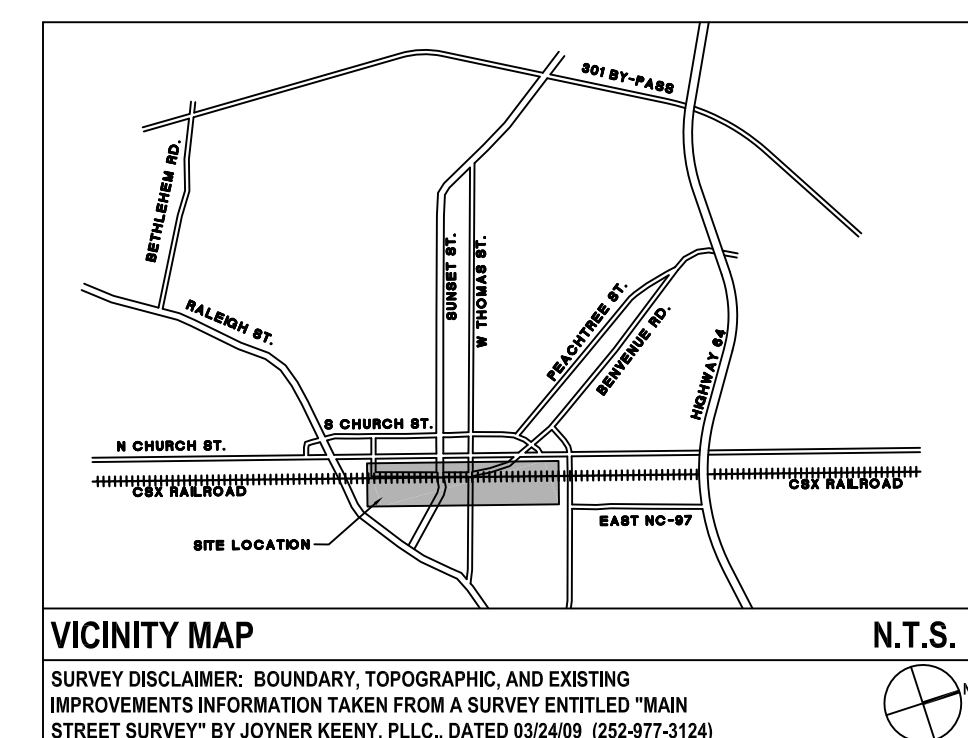
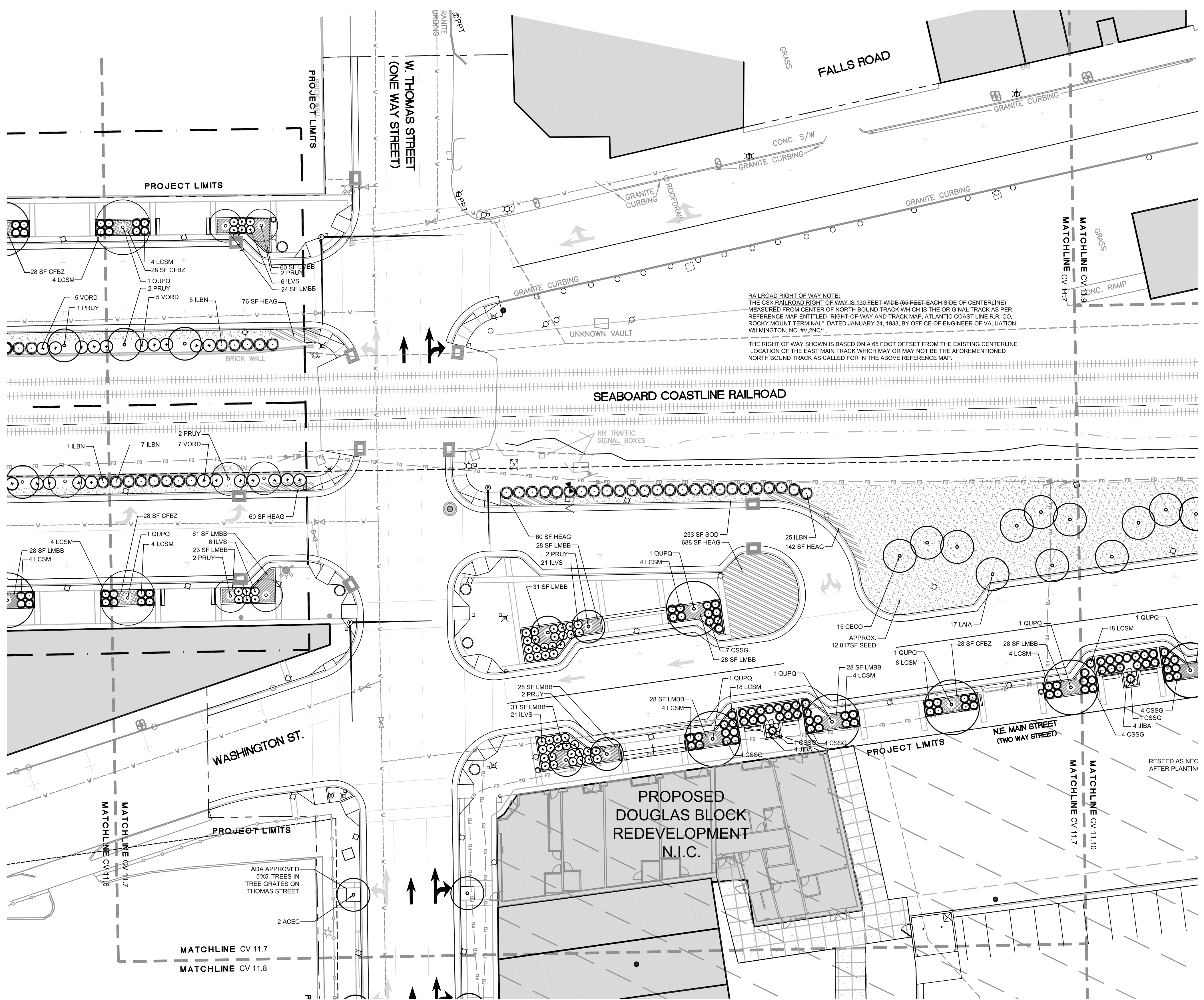


SCALE: 1"=20'

CV 11.6

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LEGEND (PLANTING)

SYMBOL	DETAIL
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	PROPOSED DAYLILY 1/CV11.14
	PROPOSED SEED/SOD -/-
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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:

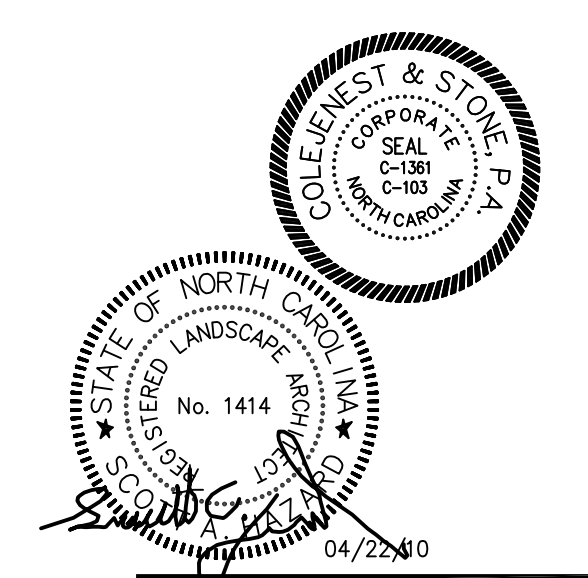
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

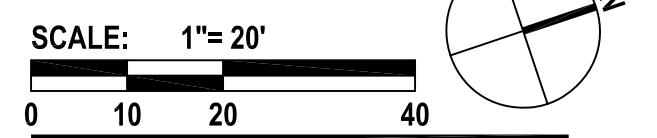
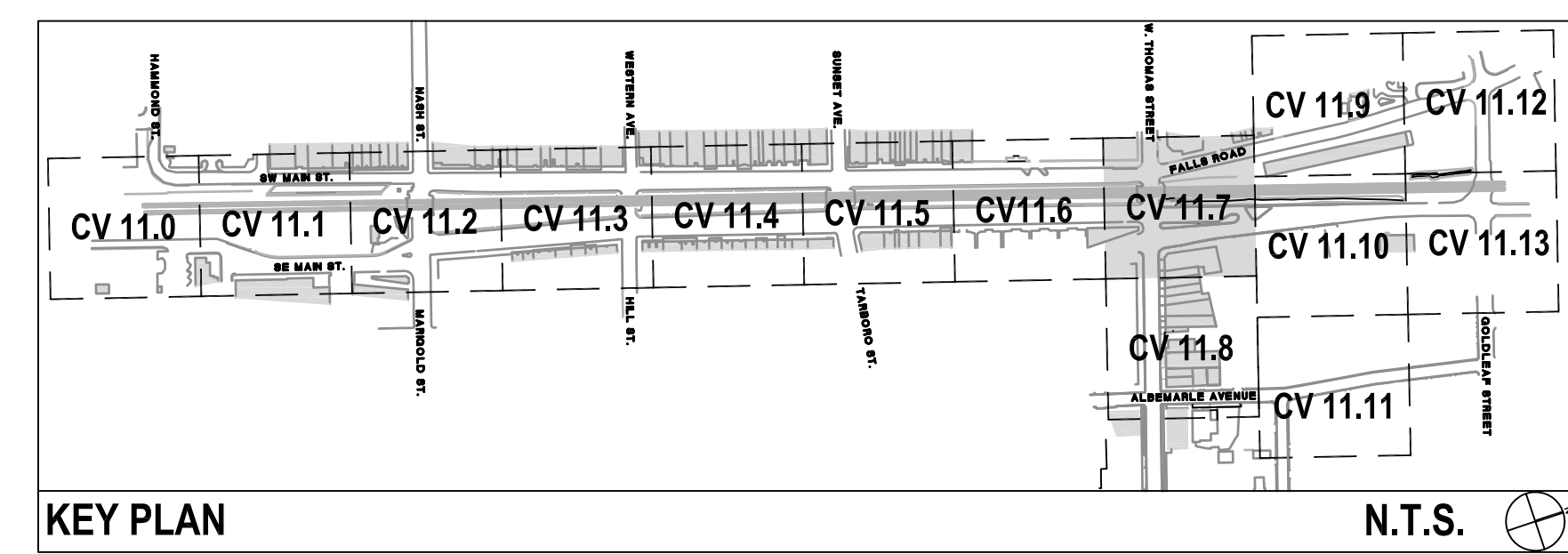
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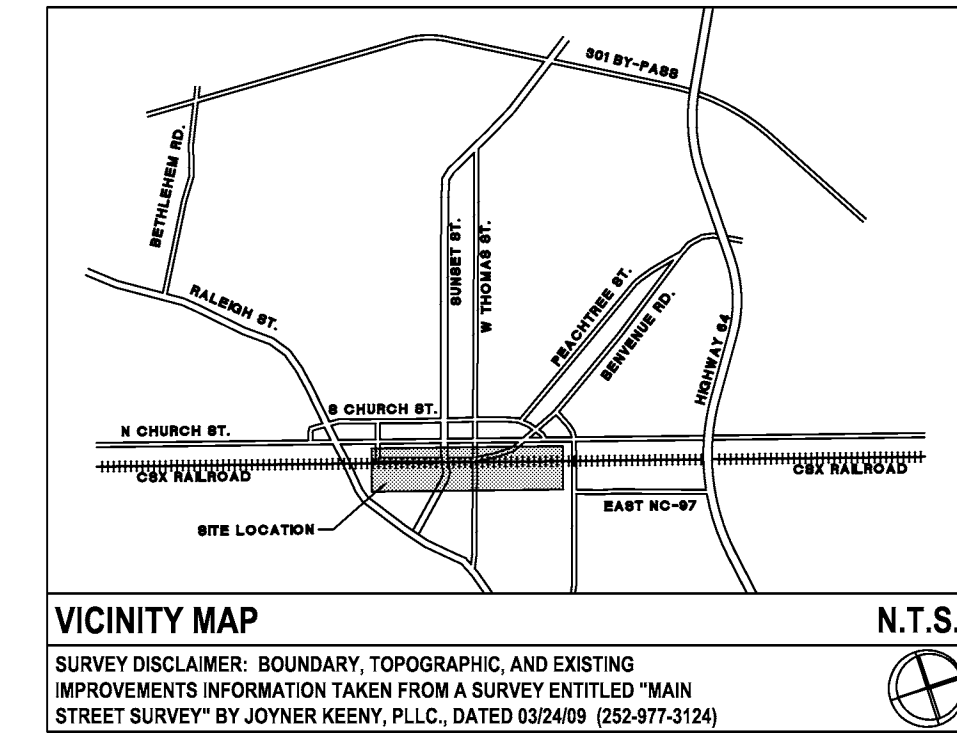


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CV 11.7

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LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
	PROPOSED TREE	2/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER: **50219**

ISSUED: **04.22.10**

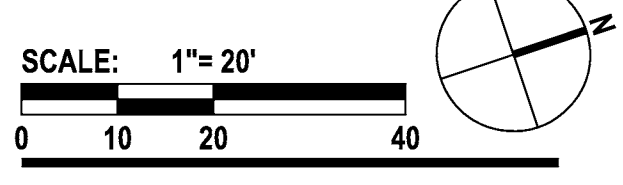
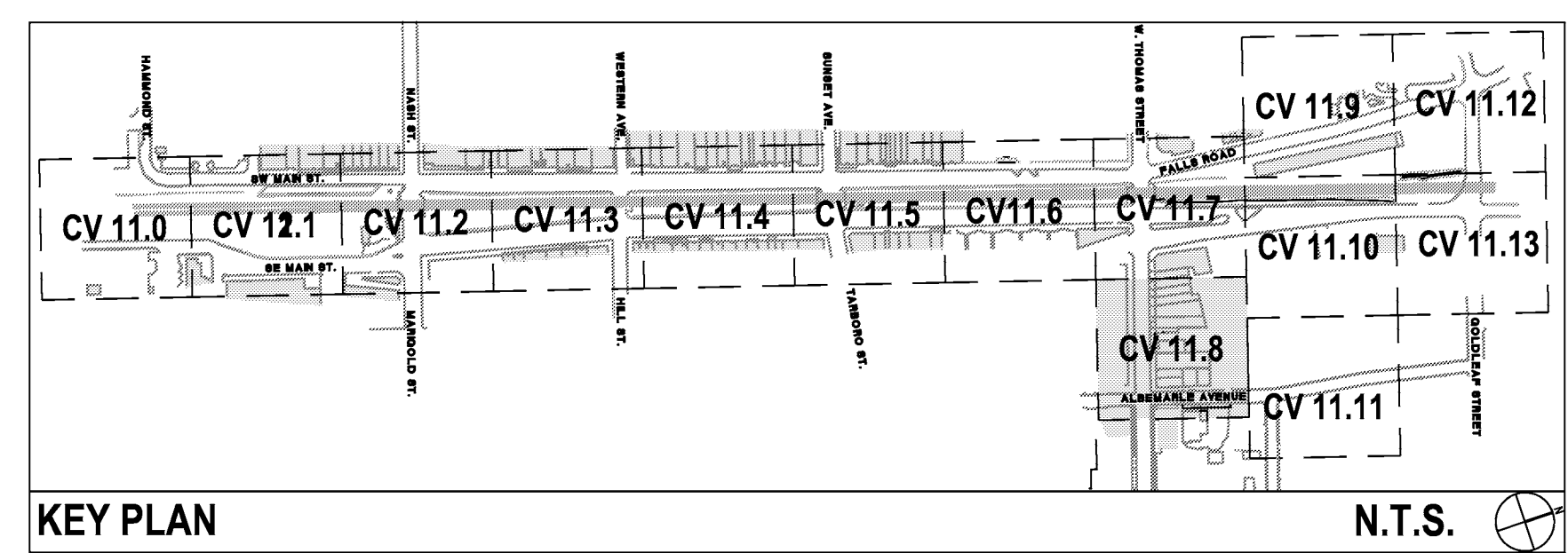
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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.



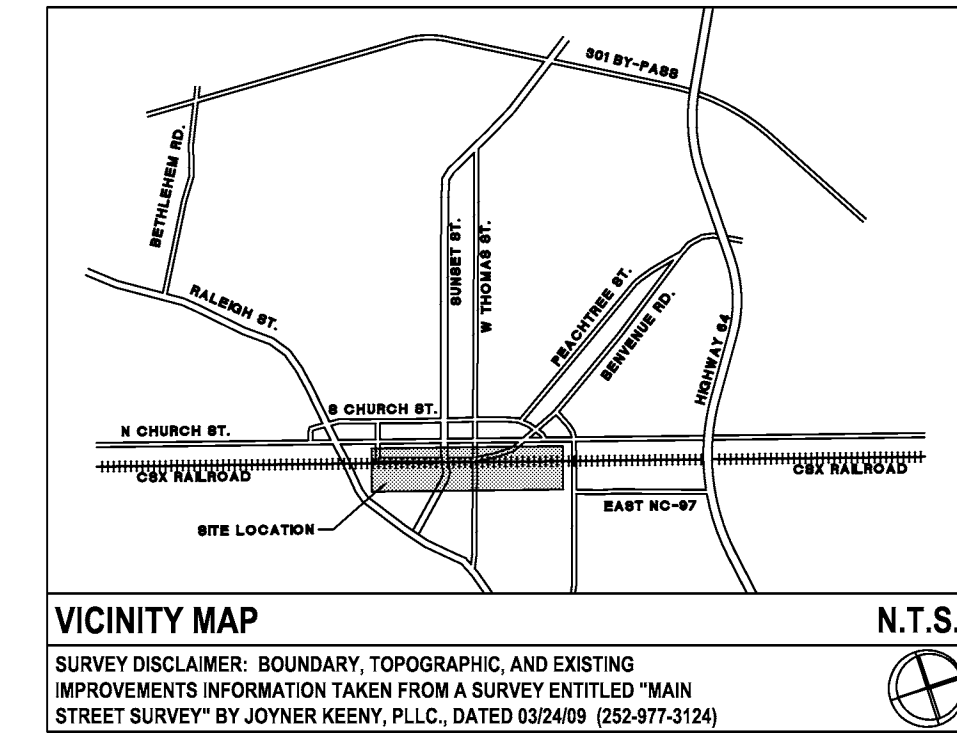
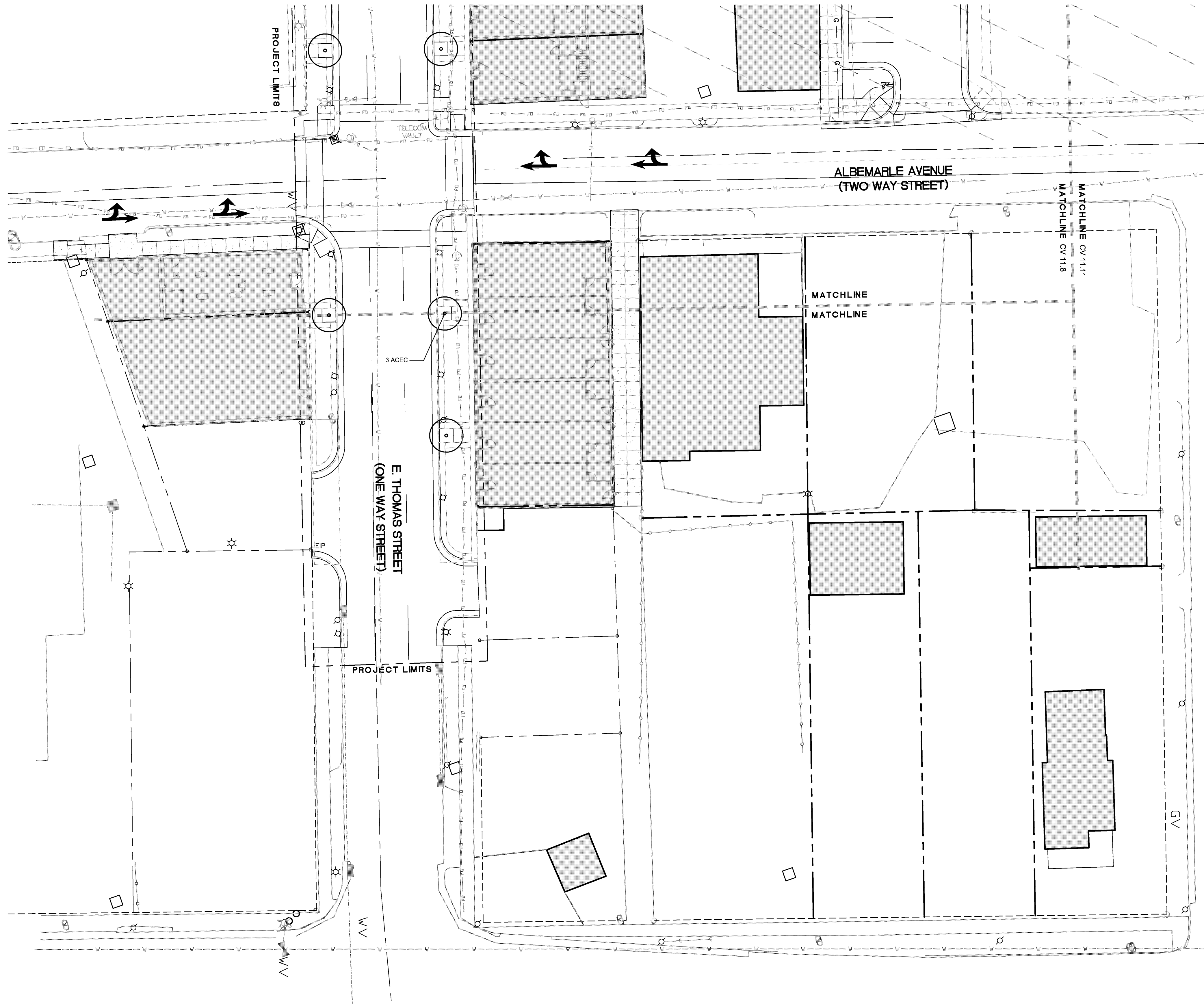
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CV 11.8

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LEGEND (PLANTING)

SYMBOL		DETAIL
	PROPOSED TREE	2/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER: 50219

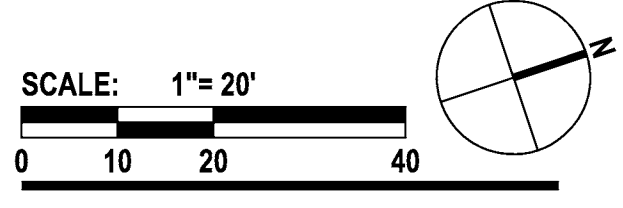
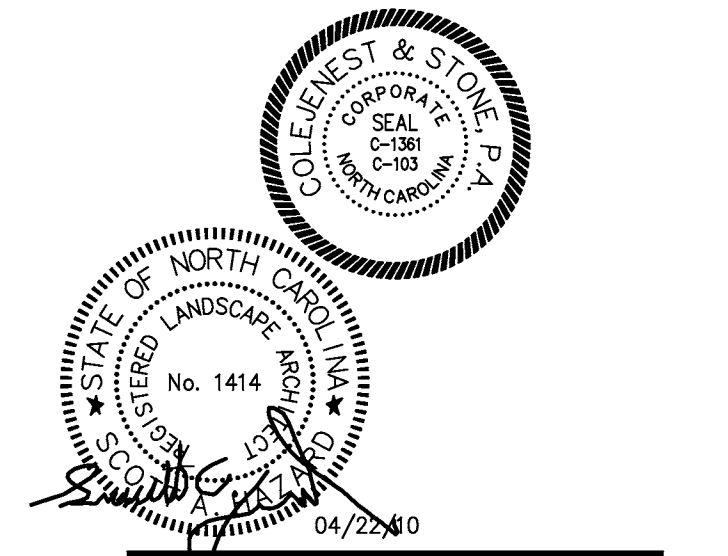
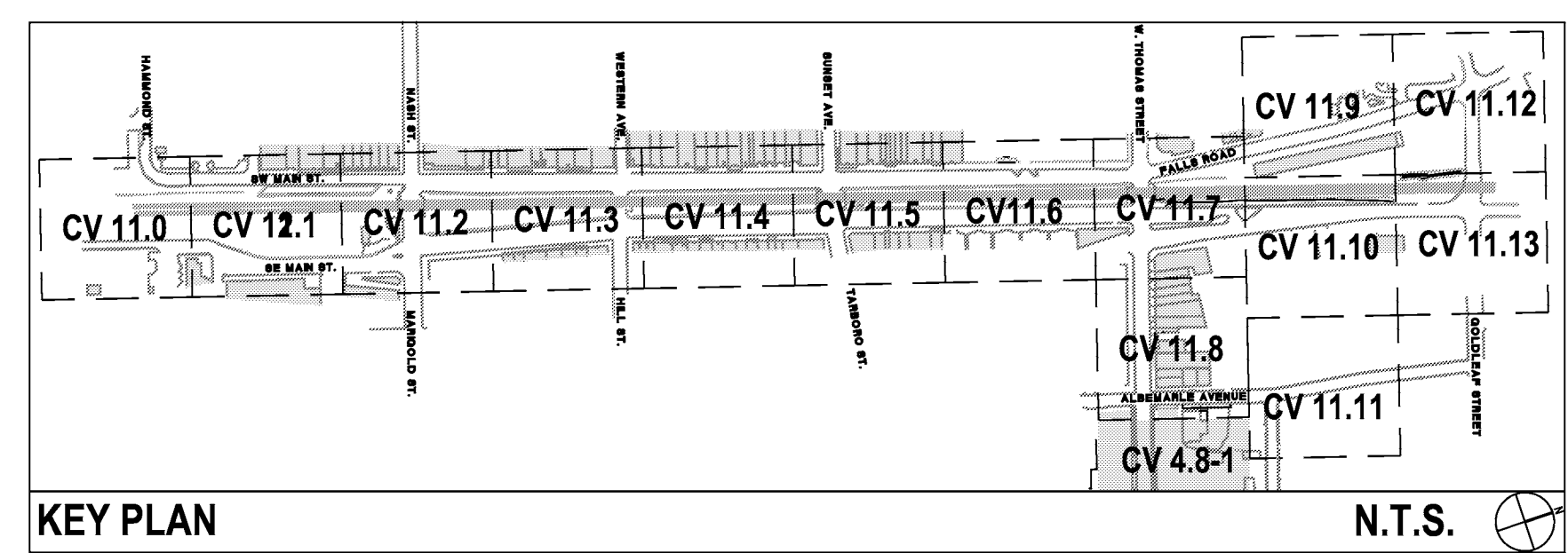
ISSUED: 04.22.10

REVISED: # COMMENTS:

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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

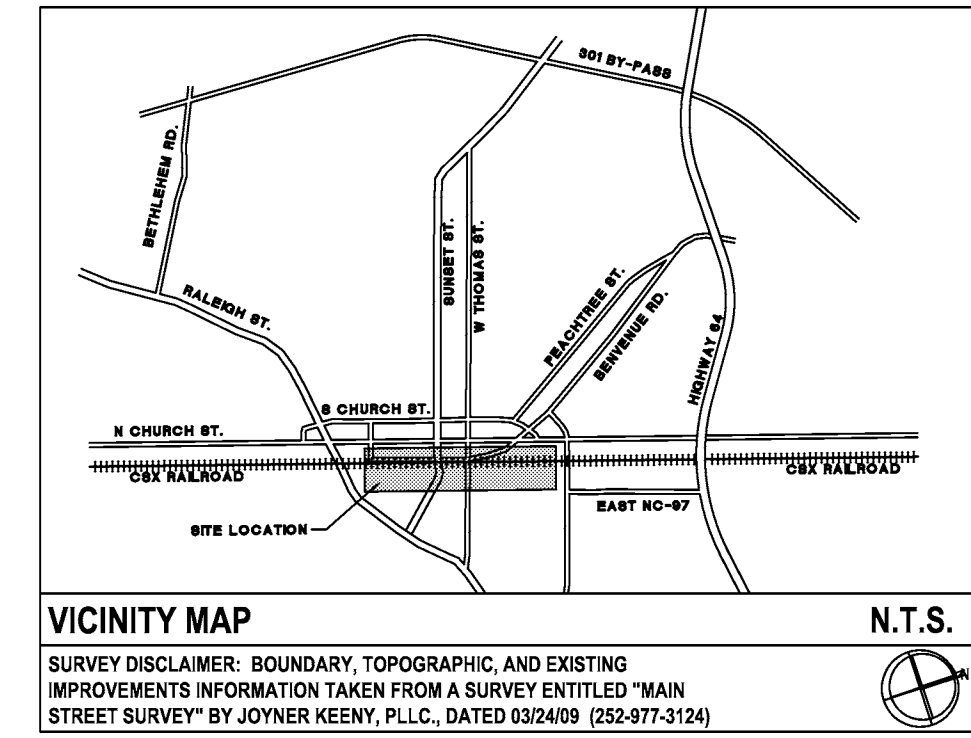
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CV 11.8-1

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:

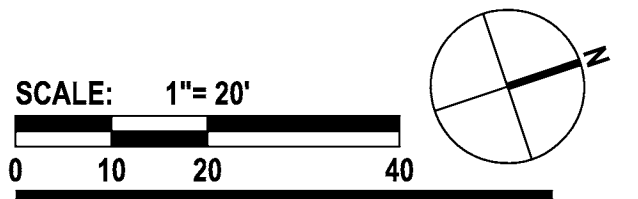
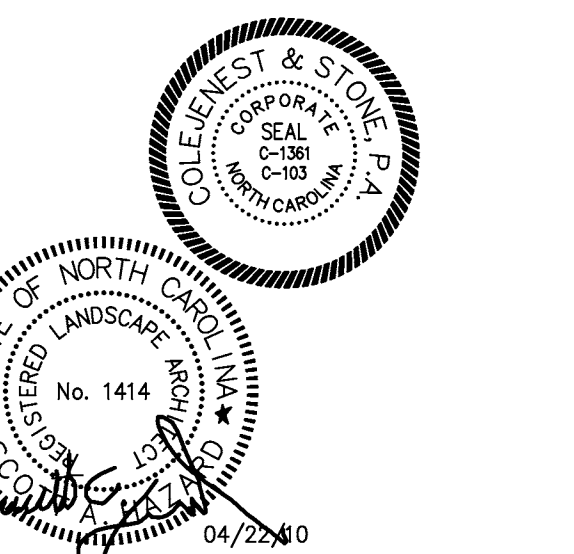
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

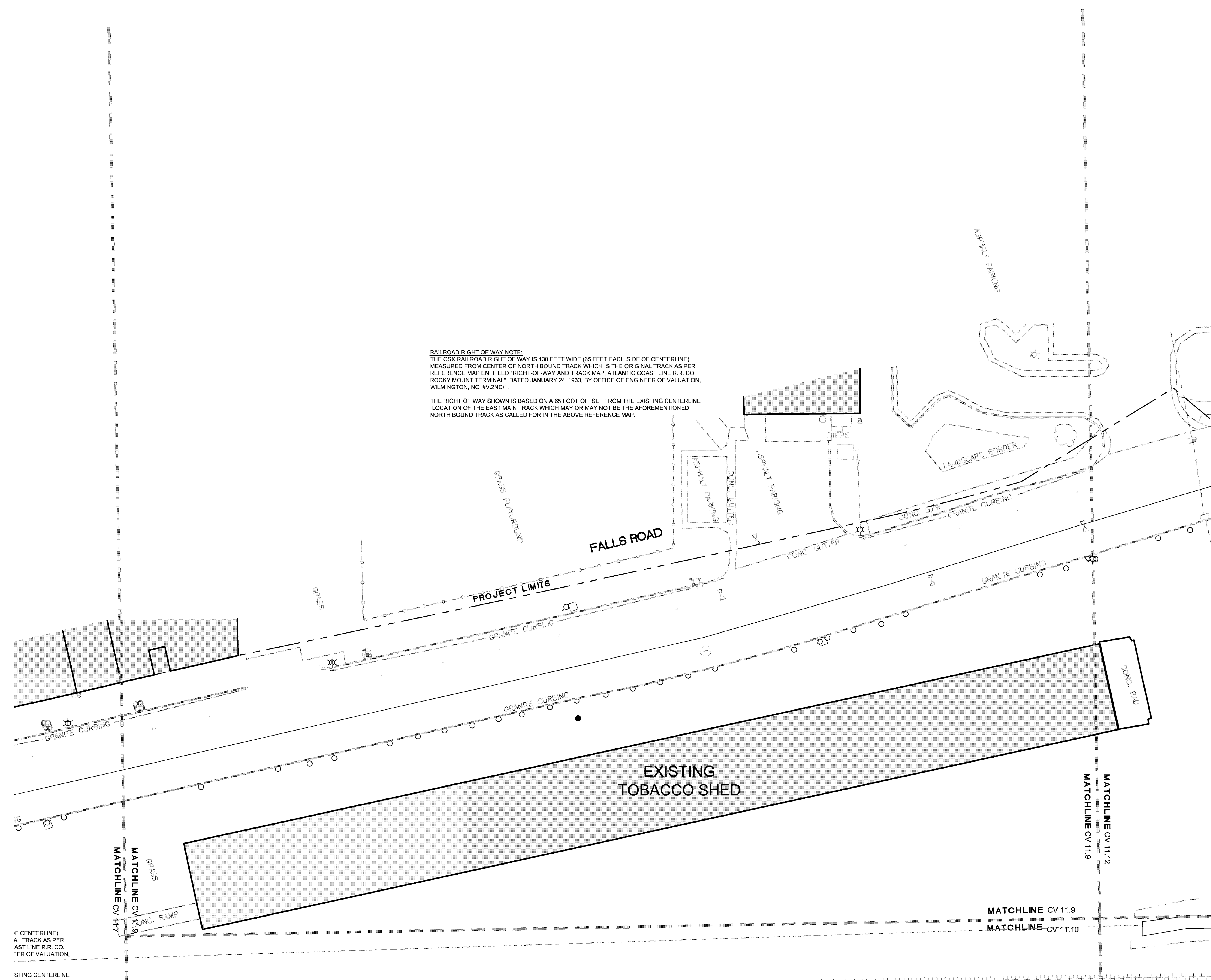
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CV 11.9

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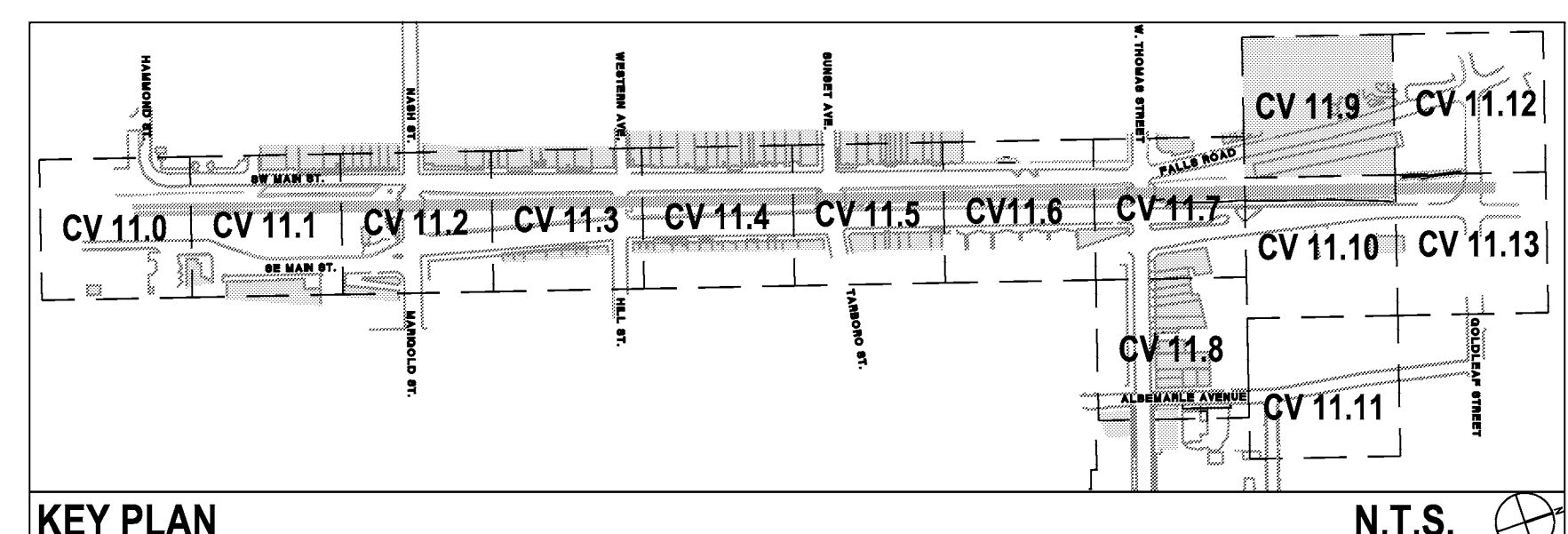


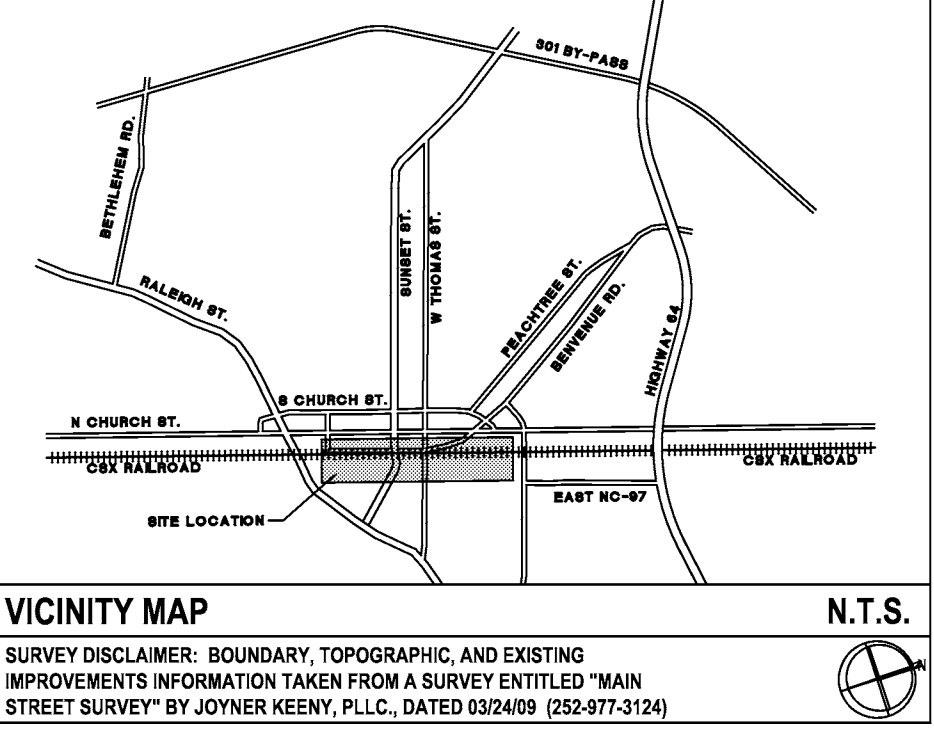
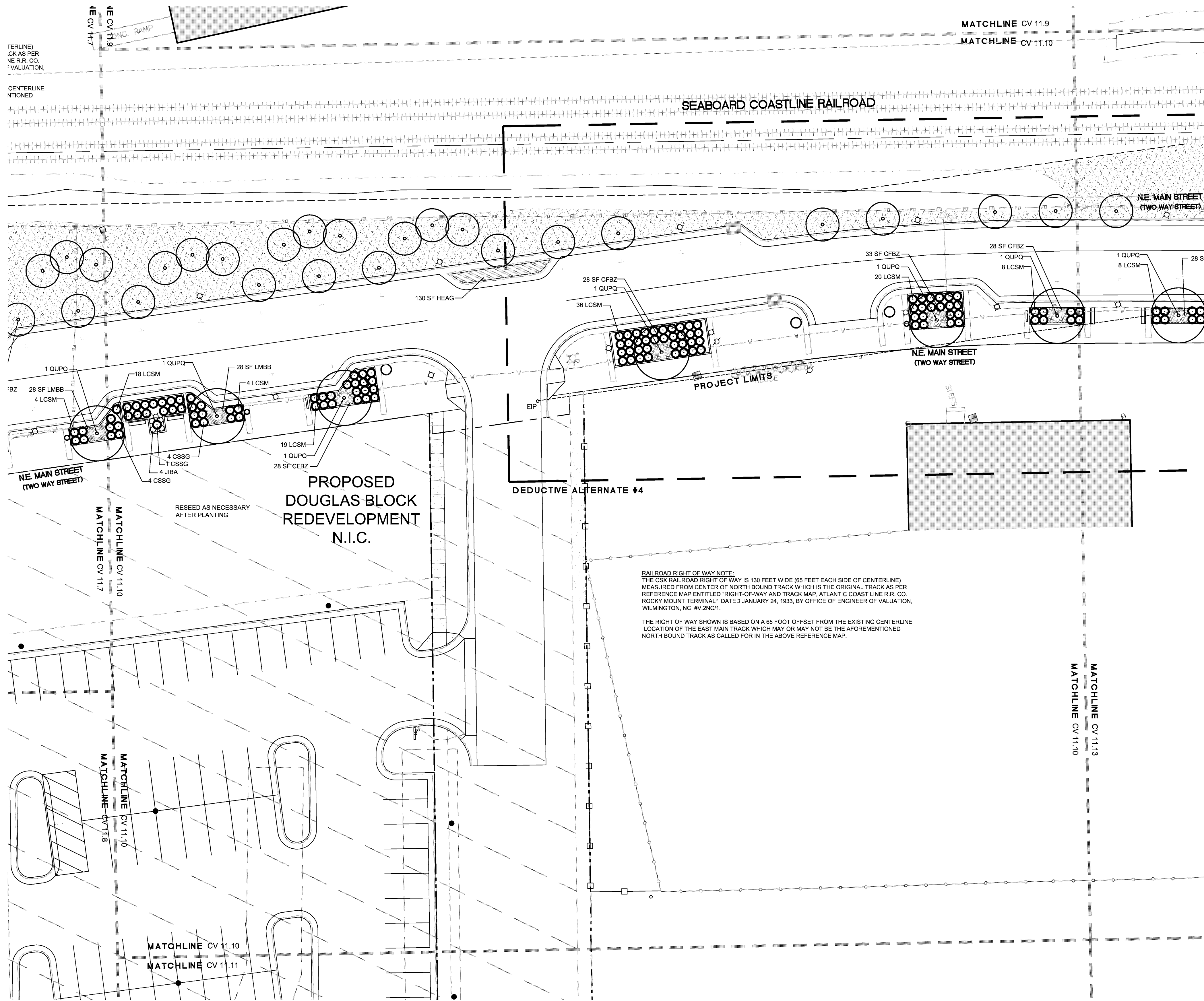
LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
(+)	PROPOSED TREE	2/CV11.14
(O O O O O)	PROPOSED SHRUBS	3/CV11.14
(O O O O O)	PROPOSED SHRUBS	3/CV11.14
(// // //)	PROPOSED LIRIOPE	1/CV11.14
(X X X X X)	PROPOSED CAREX	1/CV11.14
(// // //)	PROPOSED DAYLILY	1/CV11.14
(.)	PROPOSED SEED/SOD	-/-
(+)	PROPOSED LIGHT FIXTURE	-/-

PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

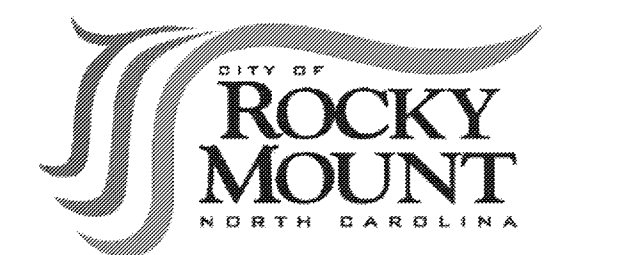
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LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
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	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
50219

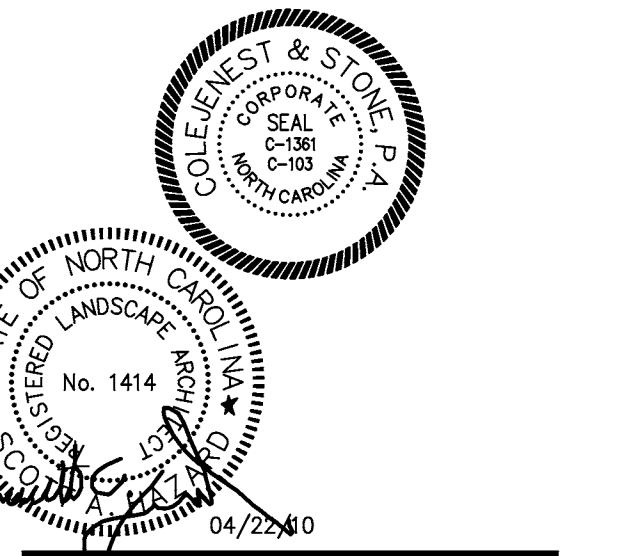
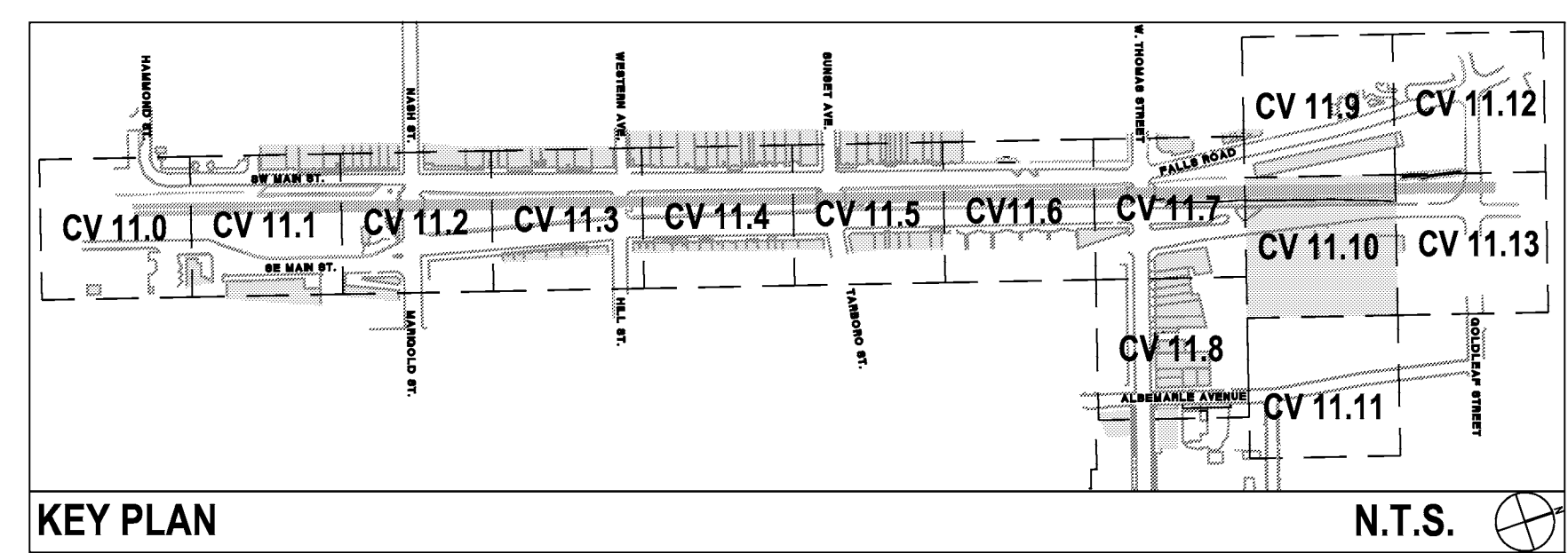
ISSUED:
04.22.10

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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

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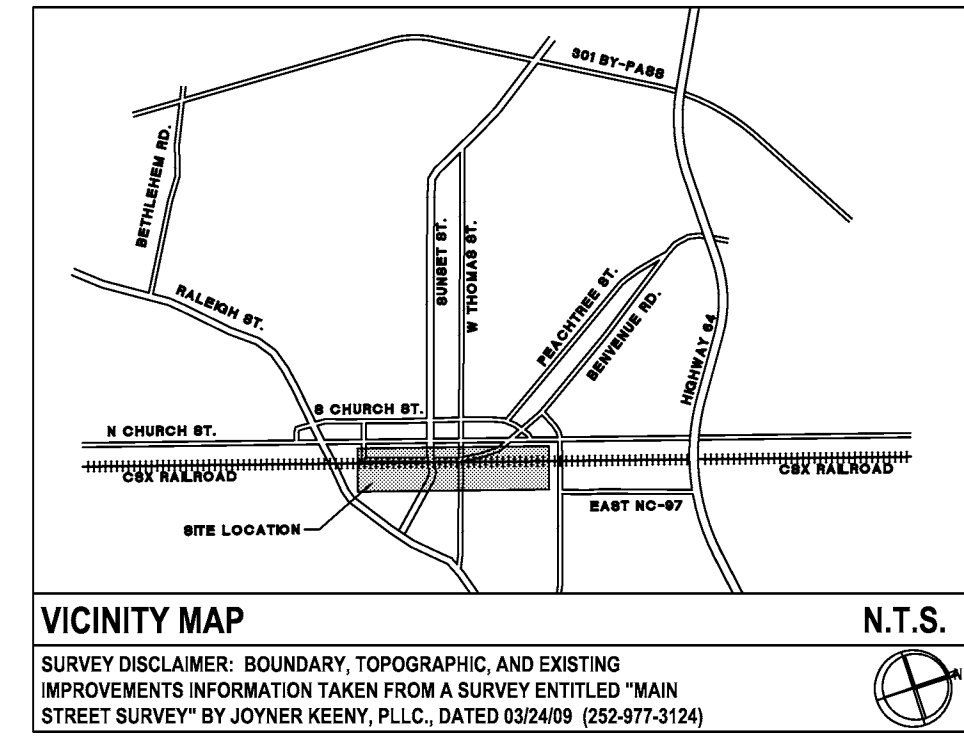
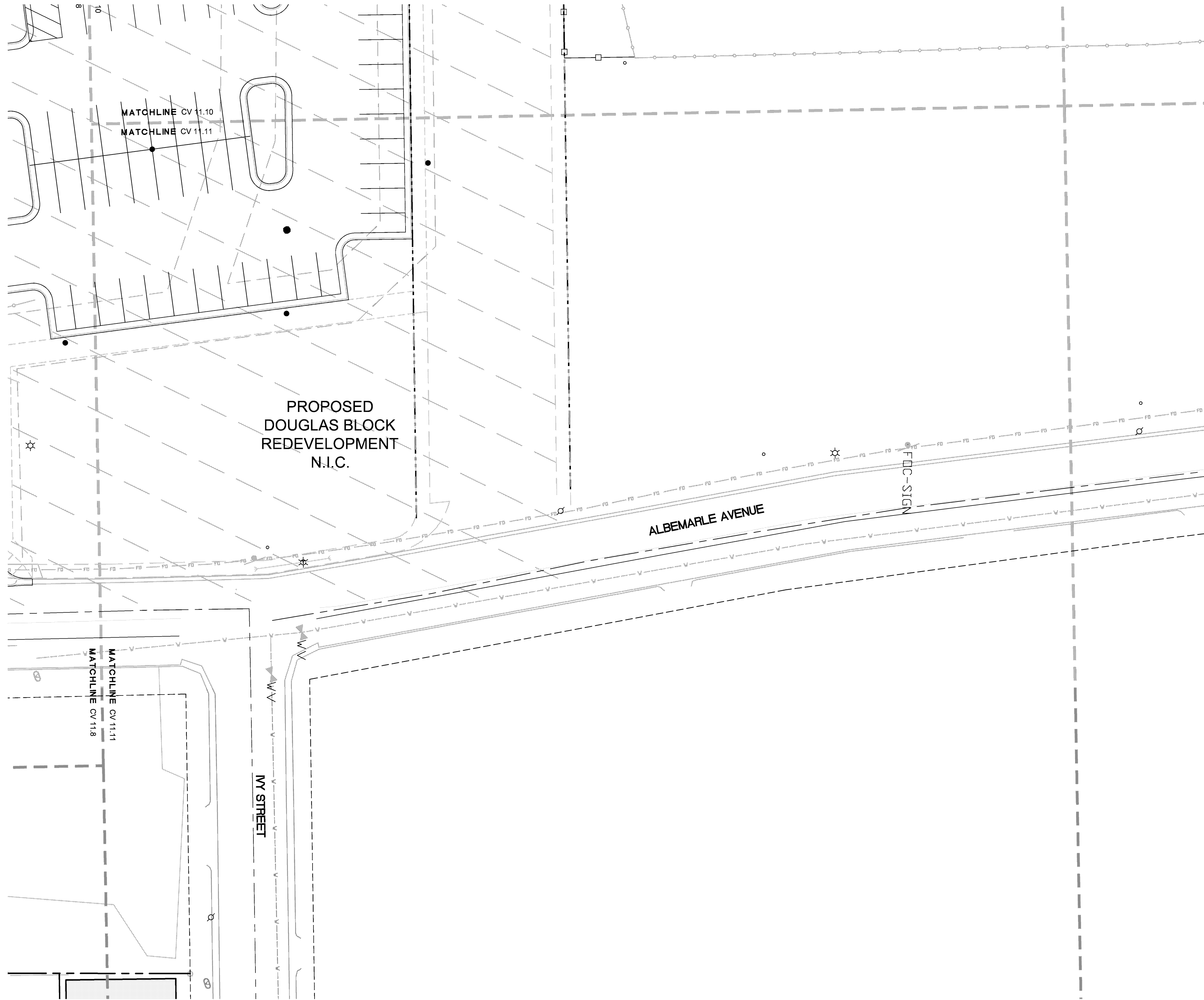


SCALE: 1"=20'

CV 11.10

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LEGEND (PLANTING)

SYMBOL		DETAIL
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	PROPOSED SHRUBS	3/CV11.14
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	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
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ISSUED:
04.22.10

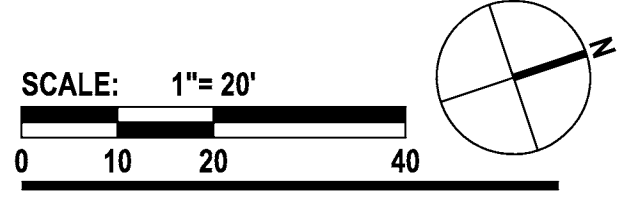
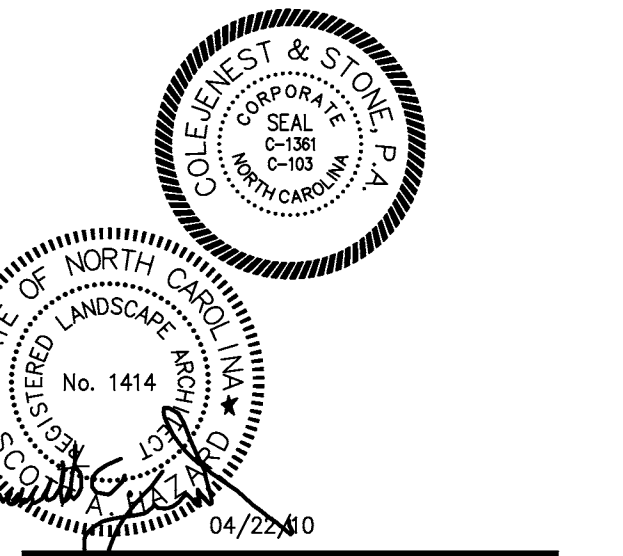
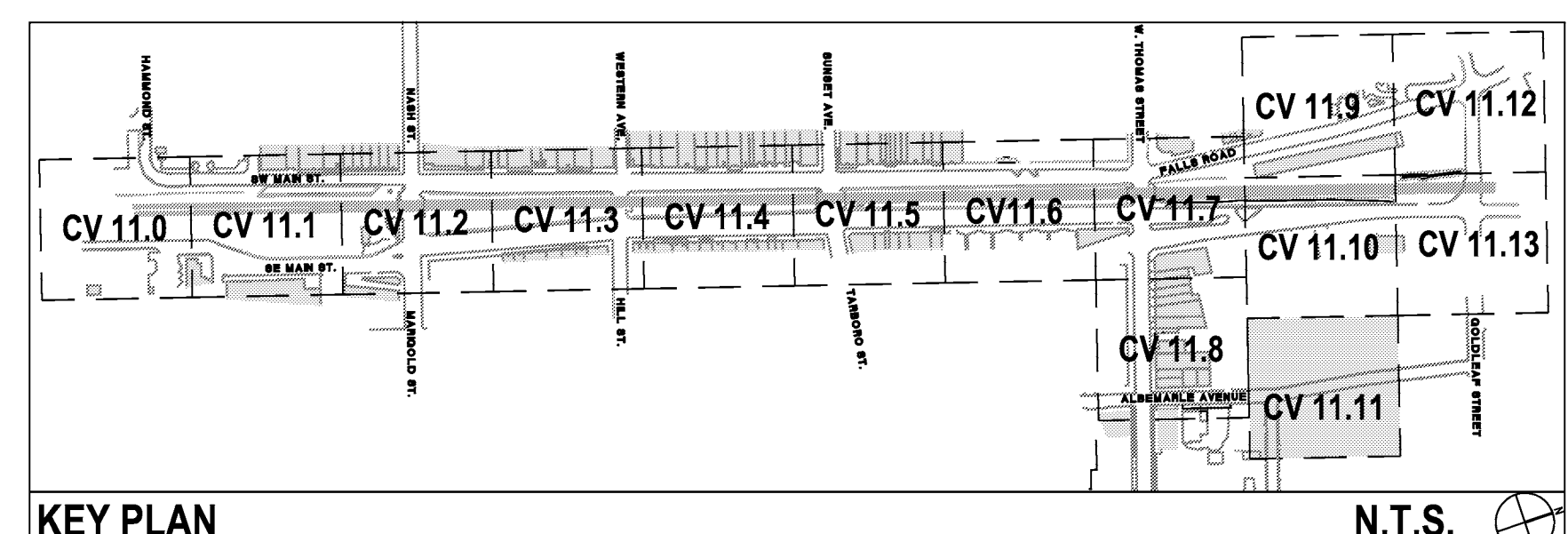
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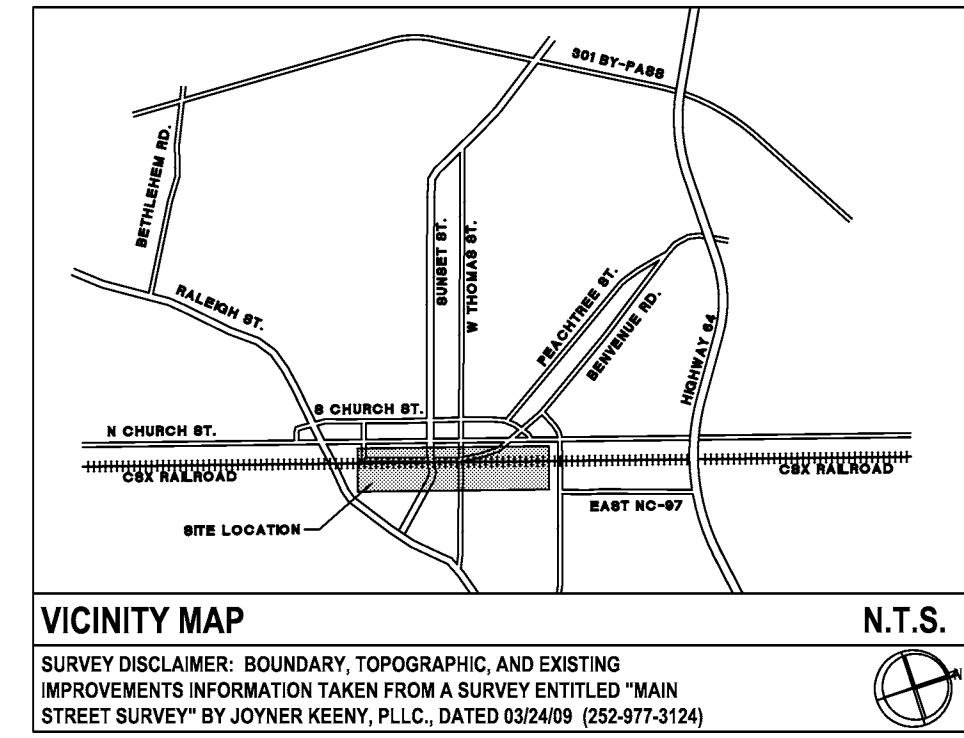
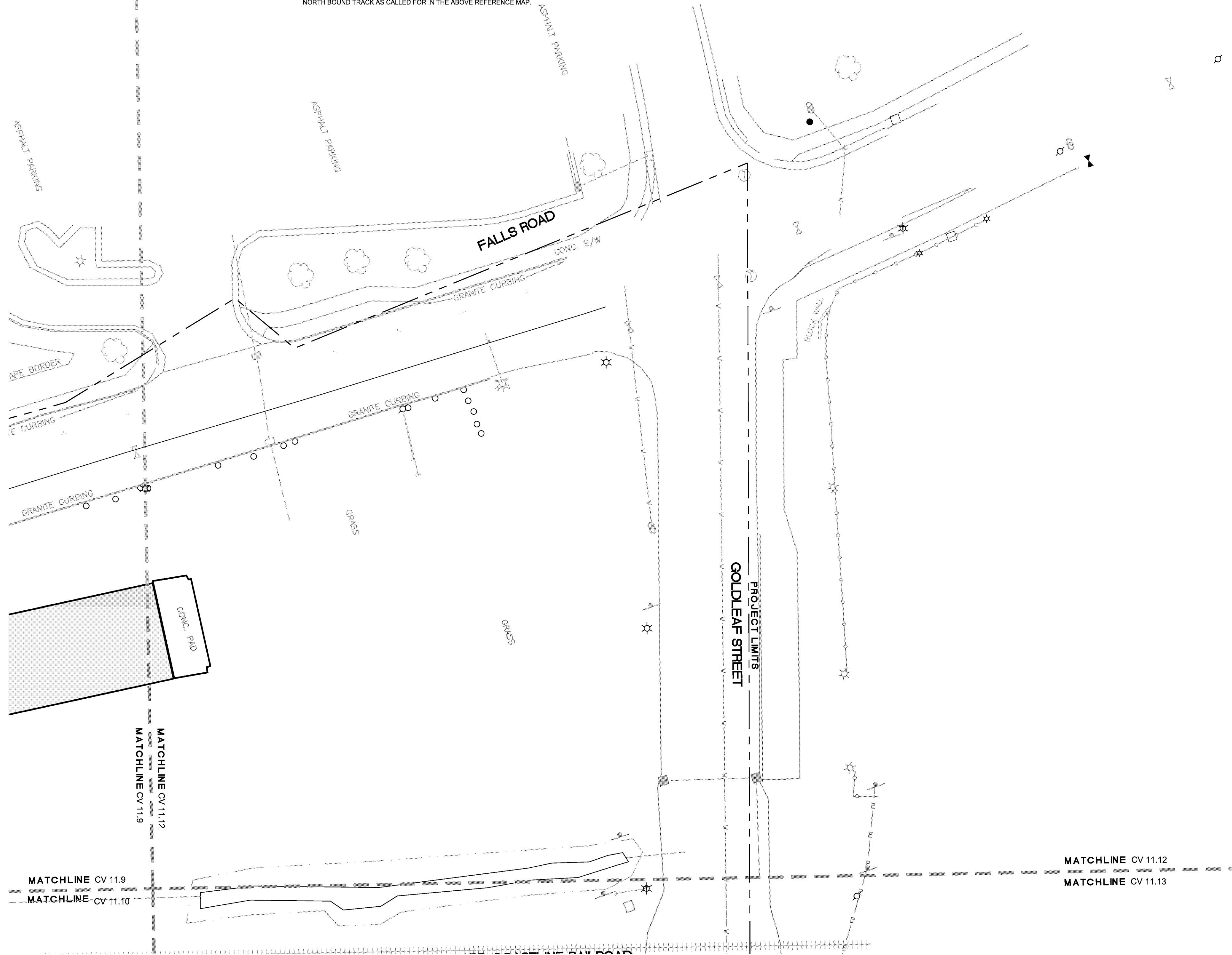
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RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.

THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (PLANTING)

SYMBOL		DETAIL
	PROPOSED TREE	2/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
50219

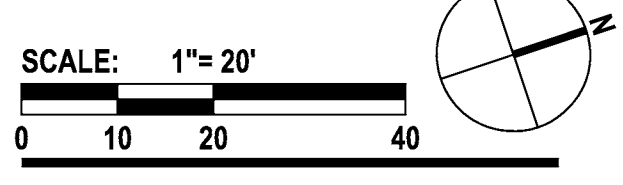
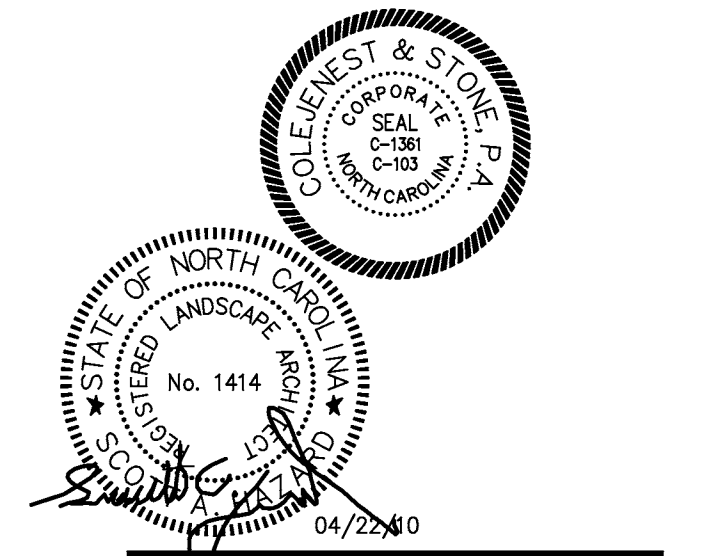
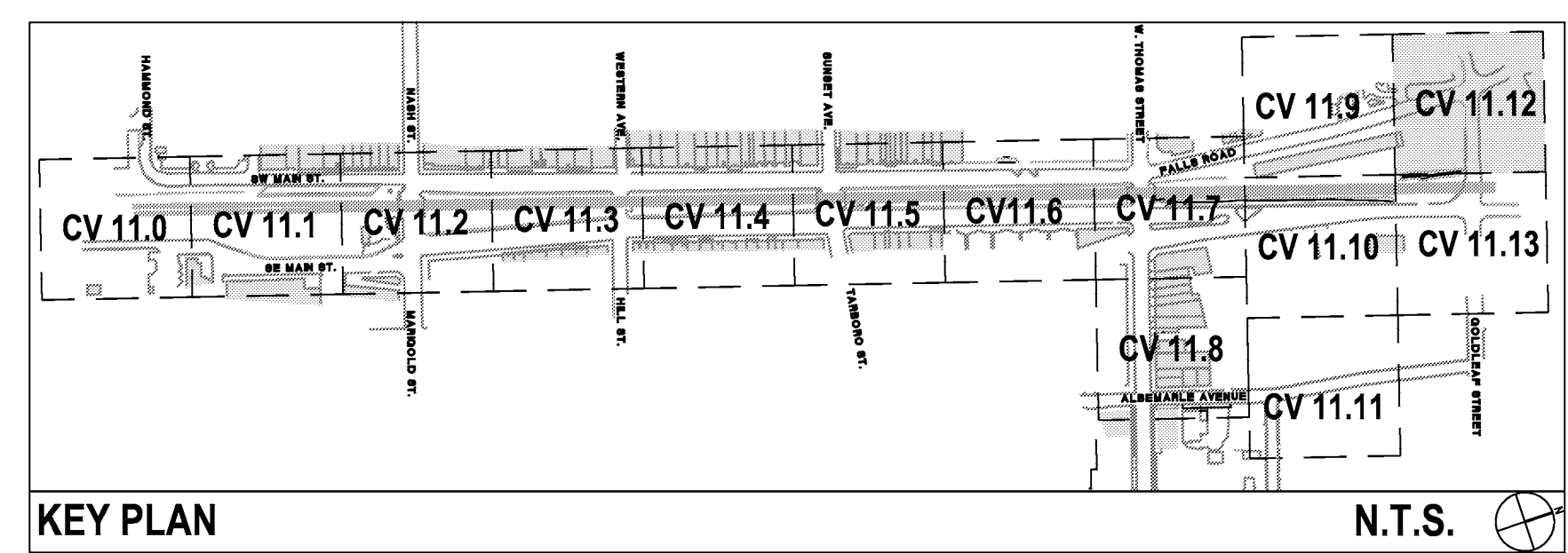
ISSUED:
04.22.10

REVISED: # COMMENTS:

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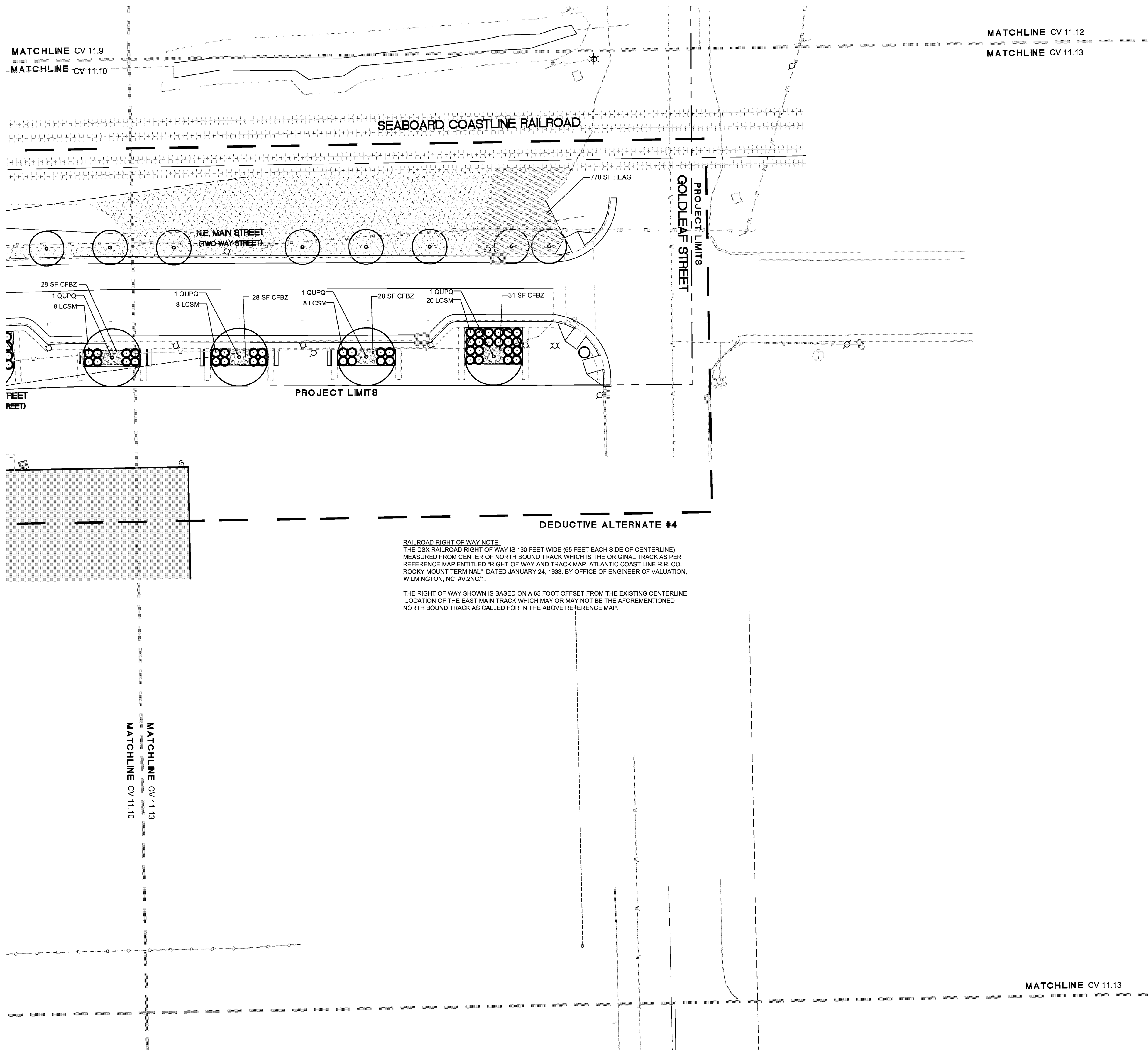
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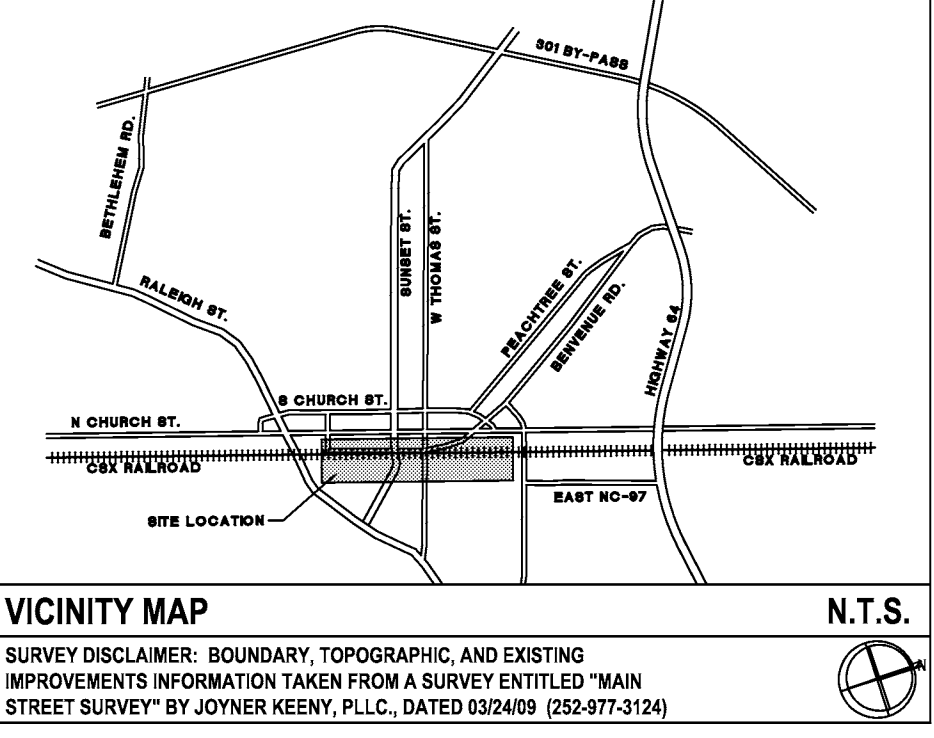


CV 11.12

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RAILROAD RIGHT-OF-WAY NOTE:
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 THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (PLANTING)

SYMBOL	DESCRIPTION	DETAIL
	PROPOSED TREE	2/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED SHRUBS	3/CV11.14
	PROPOSED LIRIOPE	1/CV11.14
	PROPOSED CAREX	1/CV11.14
	PROPOSED DAYLILY	1/CV11.14
	PROPOSED SEED/SOD	-/-
	PROPOSED LIGHT FIXTURE	-/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PLANTING PLAN

PROJECT NUMBER:
50219

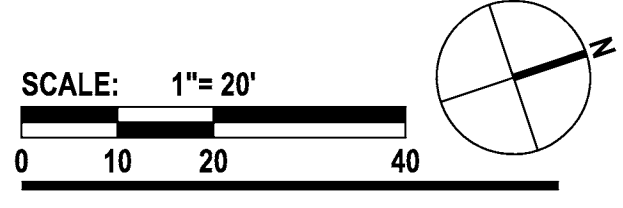
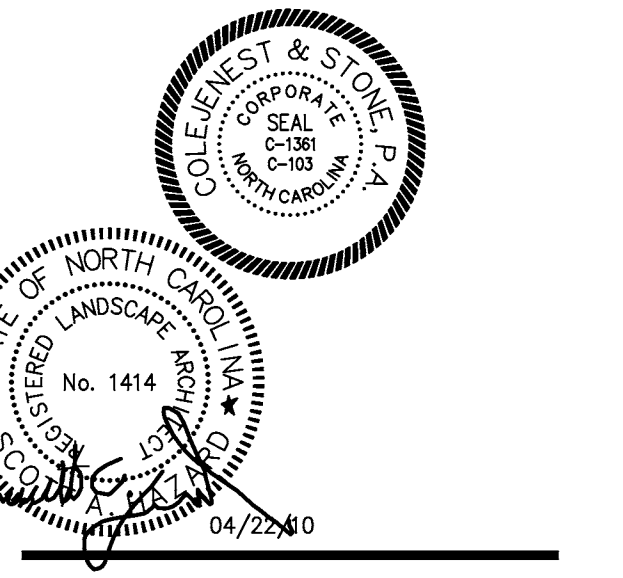
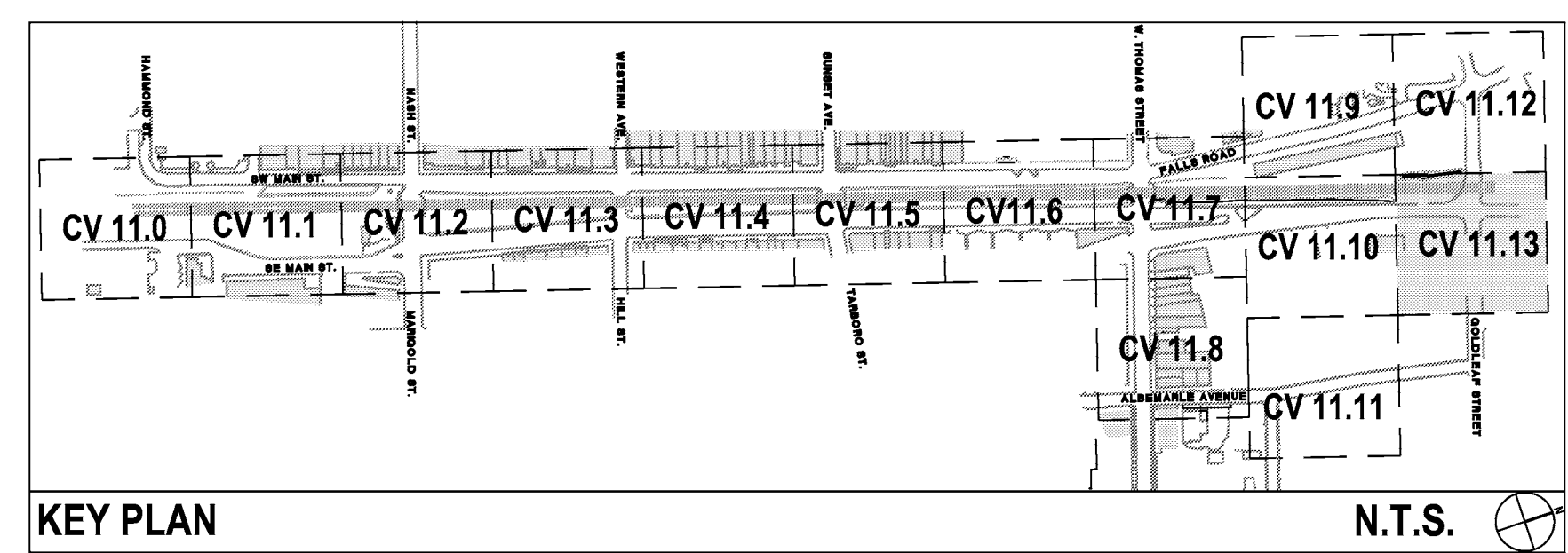
ISSUED:
04.22.10

REVISED: # COMMENTS:

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PLEASE SEE SHEET CV 11.14 FOR PLANTING NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL WAIT FOR INSTRUCTION FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
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CV 11.13

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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS AND NOTES

PLANTING

PROJECT NUMBER:

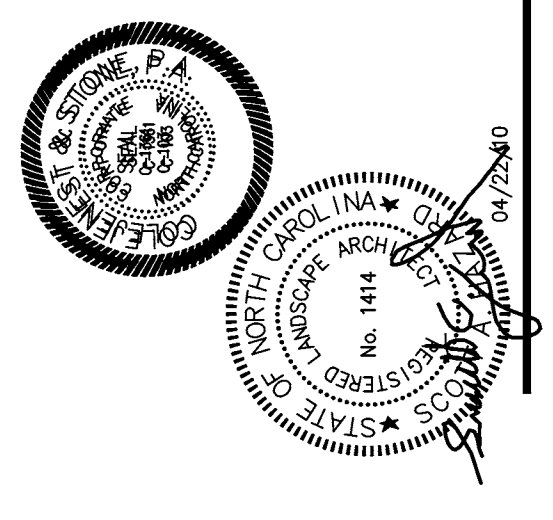
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ISSUED:

04.22.10

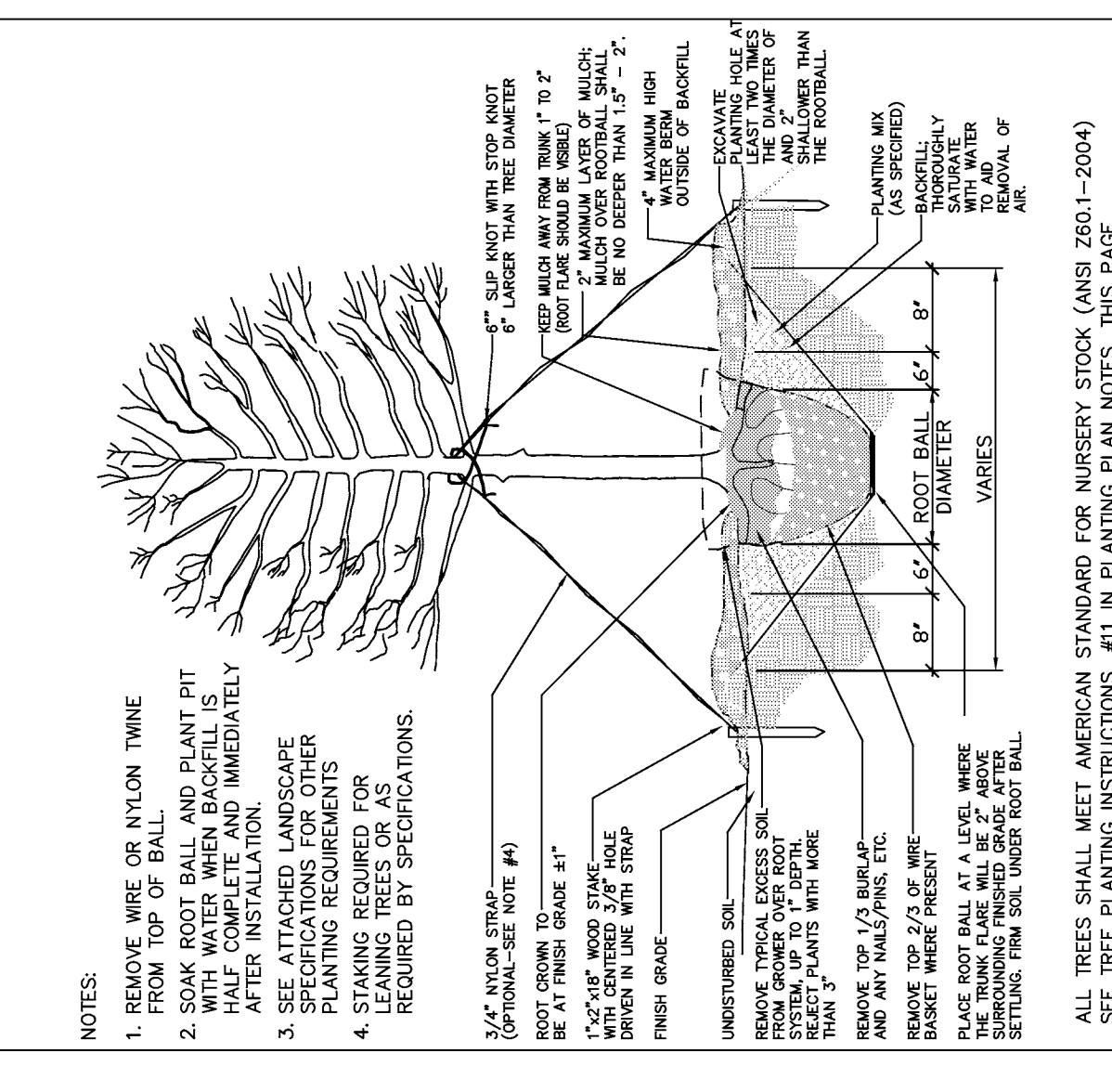
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CV 11.14

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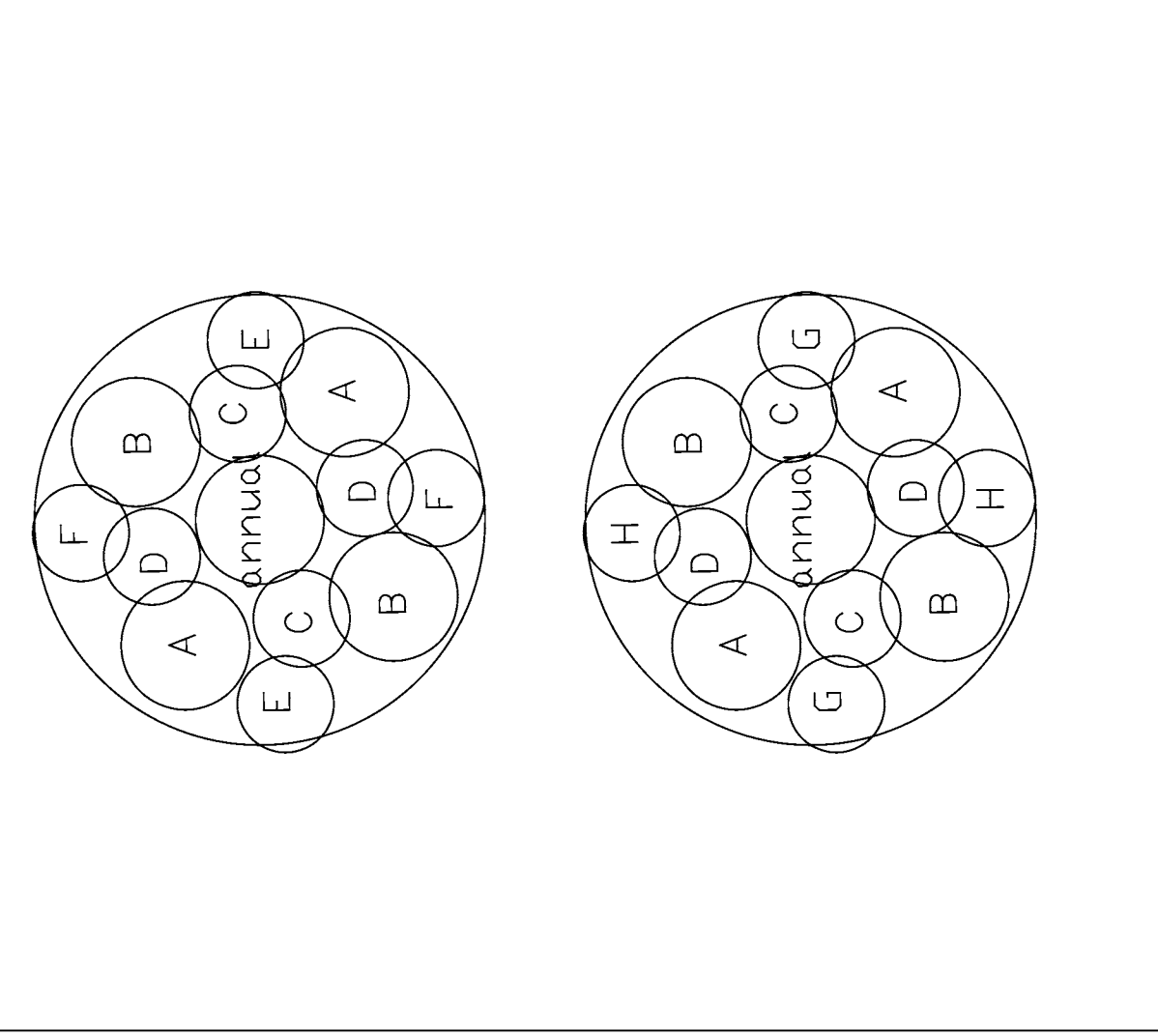
ALL TREES SHALL MEET AMERICAN STANDARD FOR NURSERY STOCK (ANS Z60.1-2004) SEE TREE PLANTING INSTRUCTIONS, #11 IN PLANTING PLAN NOTES, THIS PAGE.

TREE PLANTING

NTS. 2

PLANTER POT DETAIL - 2 OPTIONS

NTS. 4

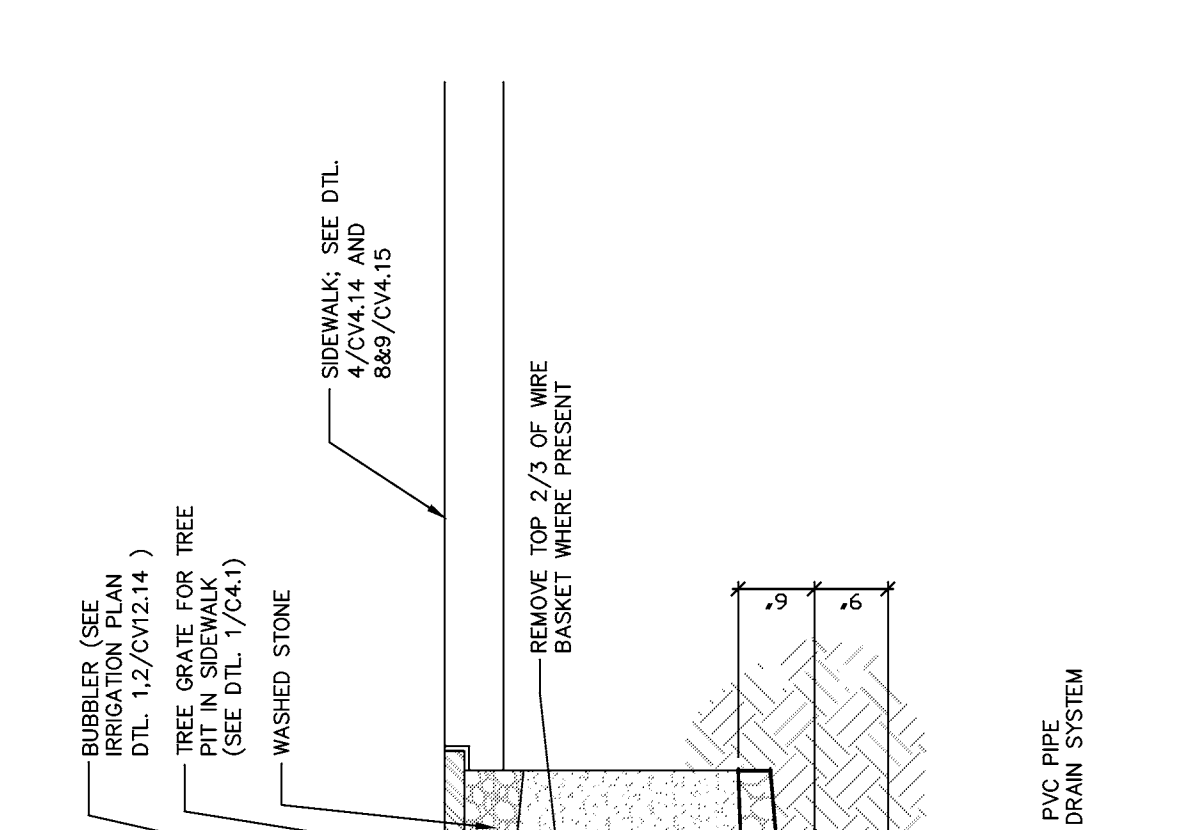


SHRUB PLANTING

NTS. 3

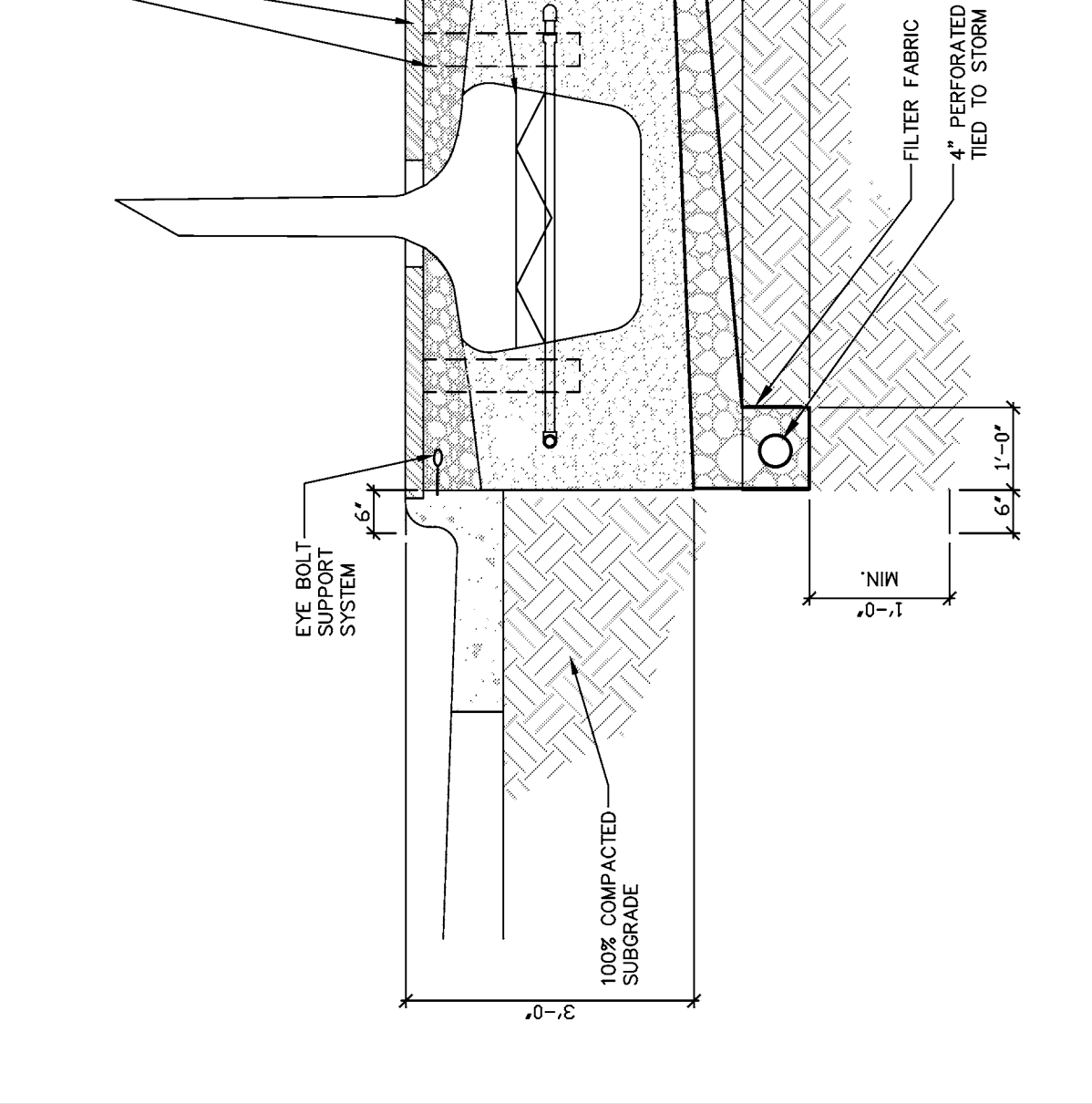
GROUND COVER PLANTING

NTS. 1



TREE GRATE DETAIL - (ALONG THOMAS STREET)

NTS. 6



SHRUB SCHEDULE

NTS. 5

SYM	QTY	COMMON NAME	BOTANICAL NAME	CALL.	HT.	ROOT SPAC'G
QUIPO	67	HIGHTOWER WILLOW	QUERUS PHellos 'QPSTA'	5"	18" HT.	B&B A.I.
ADDITIONAL TREES						
SYM	QTY	COMMON NAME	BOTANICAL NAME	CALL.	HT.	ROOT SPAC'G
AGEC	16	QUEEN ELIZABETH HEDGE MAPLE	ACER CAMPESTRE 'QUEEN ELIZABETH'	2"	8-10" HT.	B&B A.I.
CECO	15	REDBUD	CERCIS CANADENSIS	2"-2.5"	8-10" HT.	B&B A.I. SINGLE STEM
LALA	84	APALACHEE	LAGERSTRÖMIA INDICA 'APALACHEE'	2"	12" HT.	B&B A.I. MULTI-STEM, 3-5 STEMS MAX.
PRUY	63	YOSHINO CHERRY	PRUNUS X YEDENSIS	2"-2.5"	8-10" HT.	B&B A.I.

PLANT SCHEDULE

NTS. 7

SYM	QTY	COMMON NAME	BOTANICAL NAME	SIZE	ROOT SPAC'G	NOTES
REBEL	500	FESCUE TURF	REBEL II FESCUE	1 QT.	CONT.	SEE DTL #4, ALTERNATE - PLANT TWO IN EVERY OTHER PER POT
SEED	12017	FESCUE TURF	REBEL II FESCUE	1 QT.	CONT.	SEE DTL #4, ALTERNATE - PLANT TWO IN EVERY OTHER PER POT

GROUND COVERS

NTS. 1

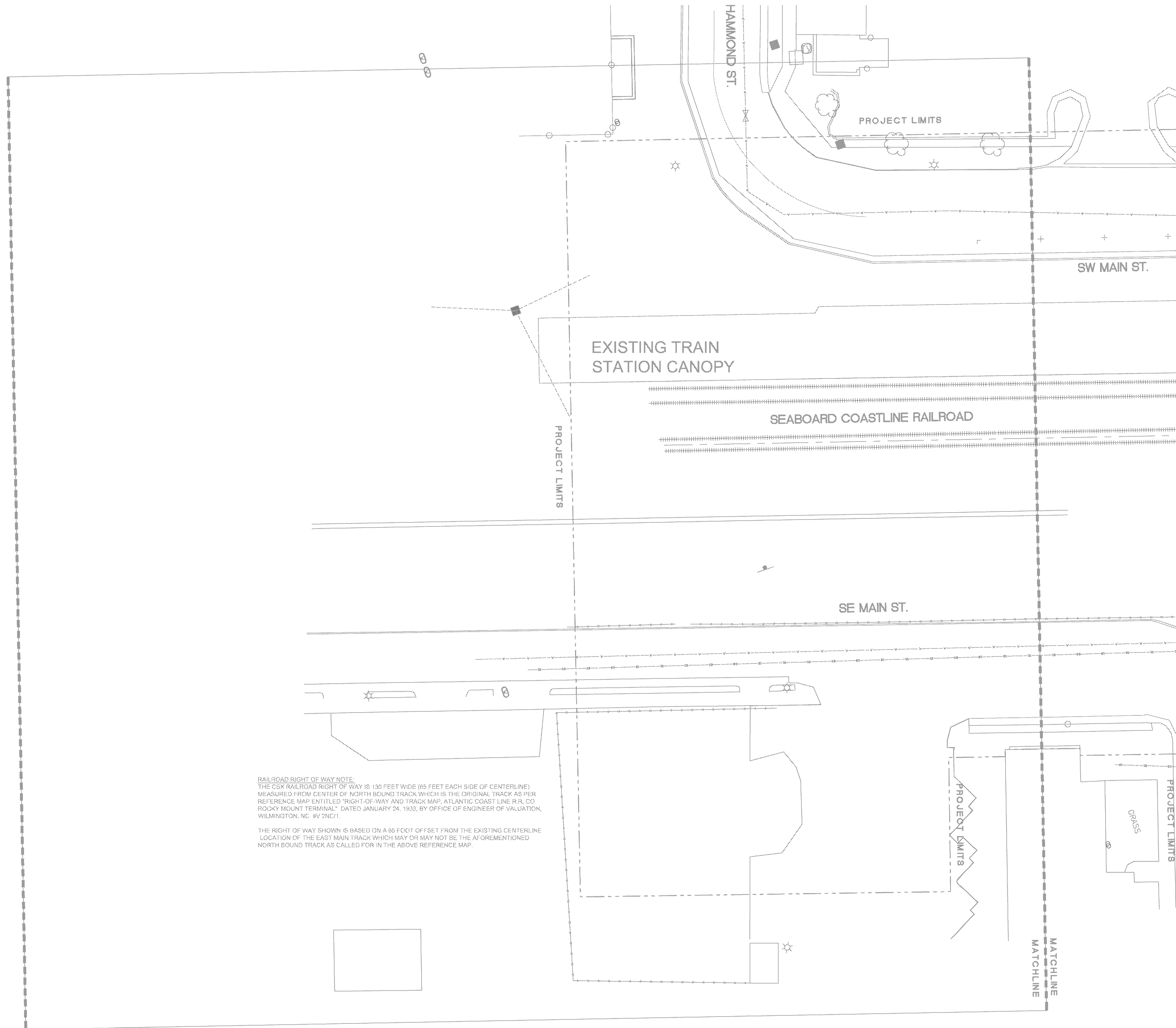
SYM	QTY	COMMON NAME	BOTANICAL NAME	NOTES
REBEL	500	FESCUE TURF	REBEL II FESCUE	SEE DTL #4, ALTERNATE - PLANT TWO IN EVERY OTHER PER POT
SEED	12017	FESCUE TURF	REBEL II FESCUE	SEE DTL #4, ALTERNATE - PLANT TWO IN EVERY OTHER PER POT

PLANTING PLAN NOTES

NTS. 1

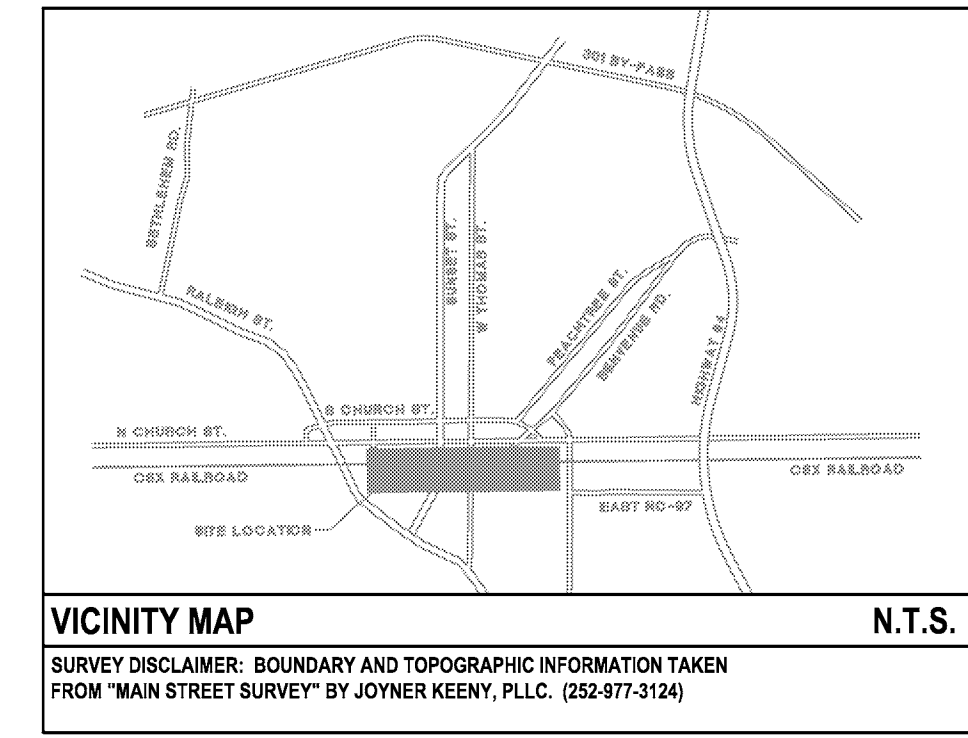
- SIZE AND GRADING STANDARDS OF PLANT MATERIAL SHALL CONFORM TO THE LATEST EDITION OF "USA STANDARDS FOR NURSERY STOCK", BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- HEIGHT AND WIDTH SPECIFICATIONS INDICATED ON PLANT SCHEDULE SHALL TAKE PRECEDENCE OVER CONTAINER SIZE AND CALIPER.
- ALL ANNUAL/PERENNIAL BEDS SHALL BE AMENDED BY THE CONTRACTOR PER THE SPECIFICATIONS AND RAISED 8" ABOVE EXISTING OR PROPOSED GRADE. CONTRACTOR SHALL PROVIDE TOPSOIL AS REQUIRED TO RAISE GRADES.
- CONTRACTOR SHALL MOUND ALL PARKING LOT ISLANDS TO 4" ABOVE BACK OF CURB TOPSOIL. IF NECESSARY FOR MOUNDING AS INDICATED ON CONSTRUCTION DOCUMENTS.
- CONTRACTOR SHALL MULCH ALL SHRUB BEDS WITH 4" AGED SHREDDED HARDWOOD BARK FINES.
- ALL DISTURBED AREAS NOT INDICATED TO RECEIVE SOD OR MULCH SHALL BE SEED BY THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE ALL HARD LUMPS OF CLAY, STONES OVER 1" IN DIAMETER, AND ALL CONSTRUCTION DEBRIS INCLUDING GRAVEL, ROOTS, LIMBS AND PROPER ESTABLISHMENT AND/OR MAINTENANCE OF LAWN AND PLANTING AREAS.
- IN AREAS WHERE CONSTRUCTION GRAVEL IS EMBEDDED IN THE SOIL, CONTRACTOR SHALL REMOVE CONTAMINATED SOIL TO A DEPTH OF 8" AND FILL WITH CLEAN TOPSOIL. CONTRACTOR SHALL IMPORT TOPSOIL AT NO CHARGE TO OWNER IF REQUIRED TO FILL THESE EXCAVATIONS.
- SEE THIS SHEET FOR PLANTING DETAILS.
- CONTRACTOR SHALL VERIFY ANY DISCREPANCY BETWEEN DRAWINGS AND PLANT SCHEDULE QUANTITIES WITH LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL RESEED/RESDO LAWN AREAS DAMAGED DUE TO PLANT MATERIAL INSTALLATION.
- TREE PLANTING INSTRUCTIONS: PLACE ROOT BALL AT A LEVEL WHERE THE TRUNK FLARE WILL BE 2" ABOVE SURROUNDING FINISHED GRADE AFTER SETTLING. MAINTAIN THE TREE IN A STRAIGHT AND UPRIGHT POSITION WHILE BACKFILLING TO NO MORE THAN 2/3 FULL. IS 1/2 COMPLETE TO AID REMOVAL OF AIR FROM THE BACKFILL. AFTER INITIAL BACKFILL WATERING AND THE TREE IS PLUMB, COMPLETE BACKFILL, SATURATE PLANTING HOLE AND THE SYNTHETIC STRAP. ANY CARDBOARD PACKAGING, THE TOP PORTION OF THE WIRE BASKET DOWN TO AND INCLUDING THE FIRST HORIZONTAL RING AND THE BURLAP FROM THE TOP PORTION OF THE ROOT BALL.
- PLANTING AREAS: CONTRACTOR SHALL REMOVE ALL PAVEMENT, GRAVEL, EARTHBASE, AND EXISTING SOIL TO A MINIMUM 24" OF EXISTING SOIL TO MEET SPECIFIED TOPSOIL/PLANTING MIX STANDARDS FOR TREES.
- LARGE MATURING TREES SHALL BE A MINIMUM 25 TO 30 FEET FROM THE OVERHEAD SIGN. CONTRACTOR SHALL CONTACT CITY TO RESOLVE BEFORE.
- CONTRACTOR SHALL CALL ROCKY MOUNT SUPERVISOR OF INSPECTIONS AT (252) 972-1112 FOR AN INSPECTION OF TREE PROTECTION AND/OR TREE PLANTING AREAS, SEVEN TO TEN DAYS PRIOR TO THE TEMPORARY OR FINAL CERTIFICATE OF MINIMUM TREE SIZE AT PLANTING SHALL BE TWO INCH CALIBER (FOR SINGLE STEM TREES), ALL MULTI-STEM PLANTS SHALL BE TREE FORM, MAXIMUM THREE TO FIVE TRUNKS, AND A MINIMUM EIGHT FEET TALL.
- TREE LOCATIONS ARE APPROXIMATE AND BASED UPON SURFACE SURVEY DATA. CONTRACTOR SHALL VERIFY TREE LOCATIONS AND FINAL LOCATION OF PLANTS IN FIELD WITH LANDSCAPE ARCHITECT.

CONTRACTOR SHALL VERIFY ANY DISCREPANCY BETWEEN DRAWINGS AND PLANT SCHEDULE QUANTITIES WITH LANDSCAPE ARCHITECT.



RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COASTLINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V 21N271.

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**STREETSCAPE PLAN
 FOR DOWNTOWN
 ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**IRRIGATION
 PLAN**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

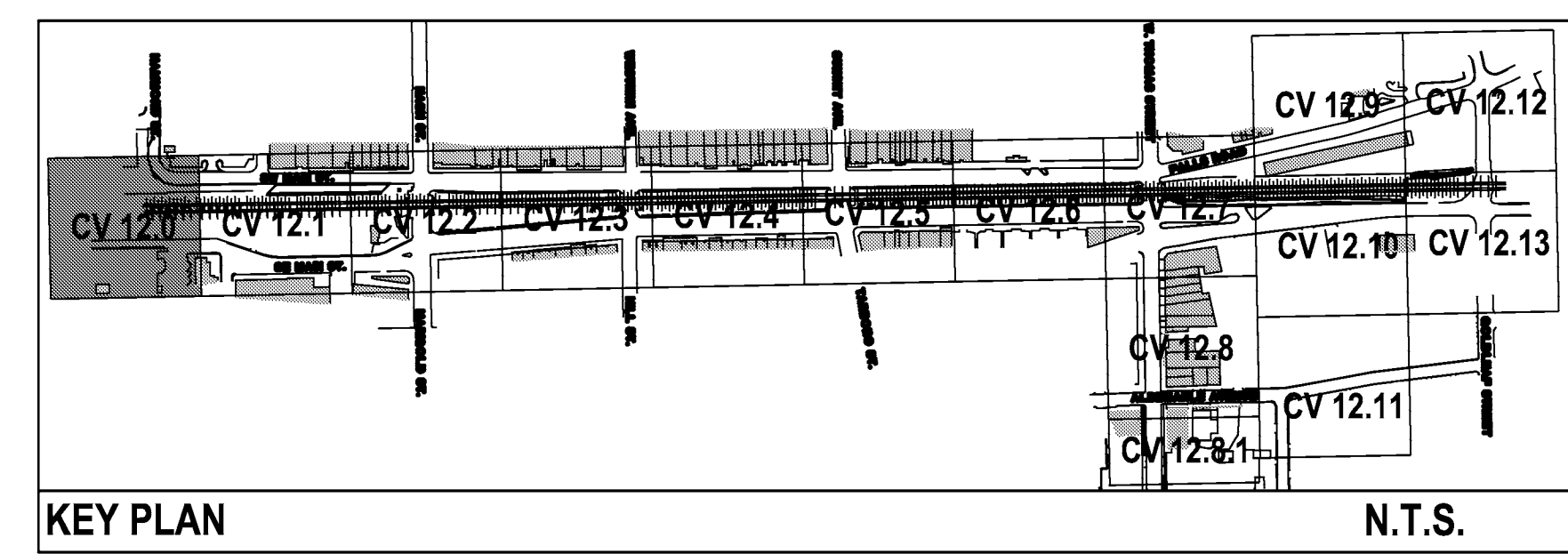
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC



SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND

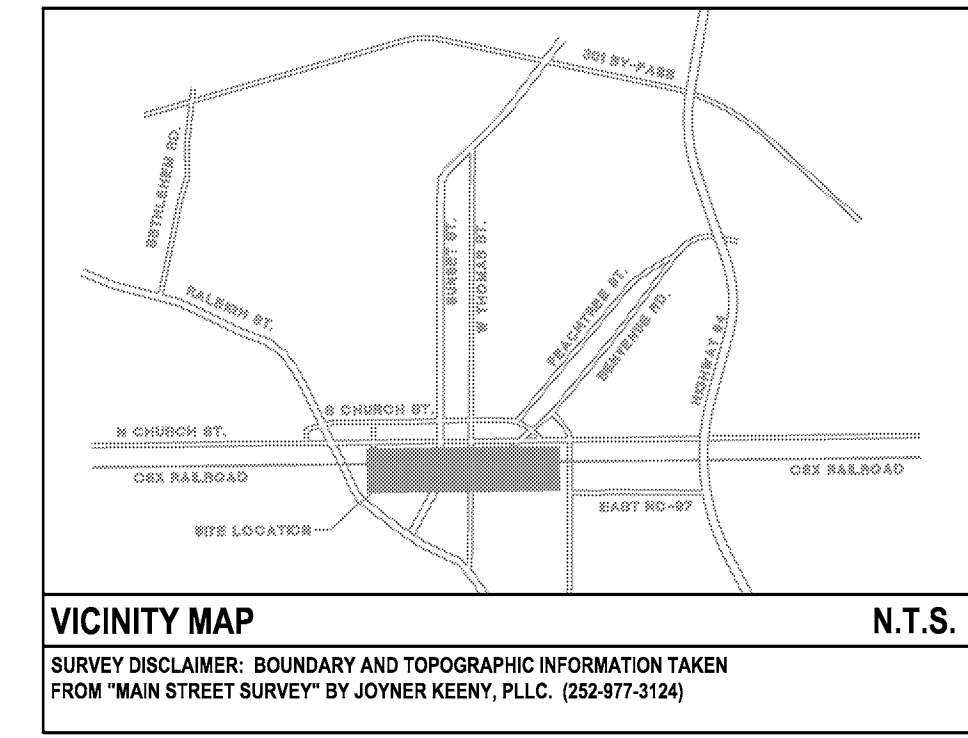
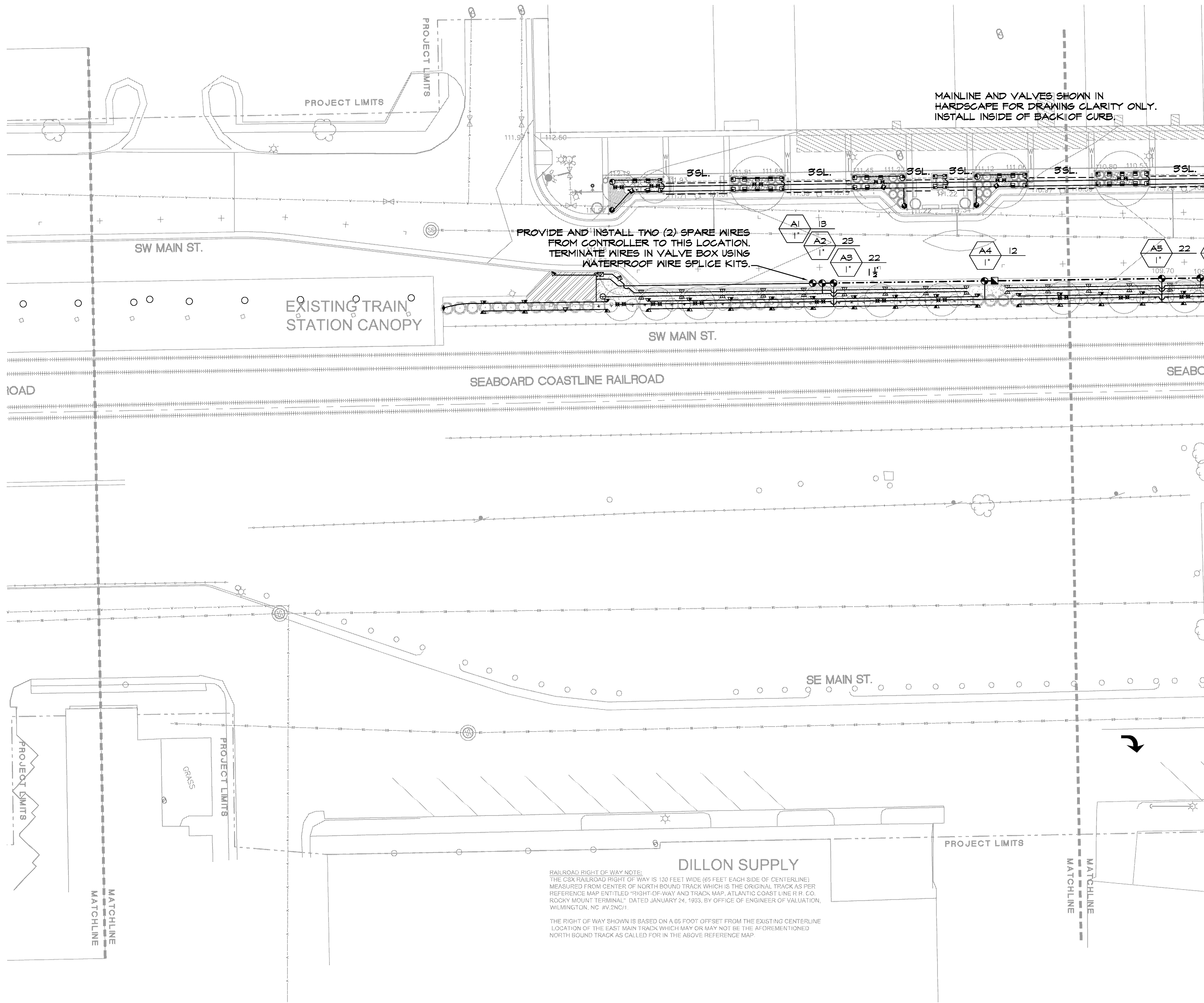


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CV 12.0

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Harris & Associates, Inc.
Construction
Consultants

elm

HNTB

City of Rocky Mount
North Carolina

**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**IRRIGATION
PLAN**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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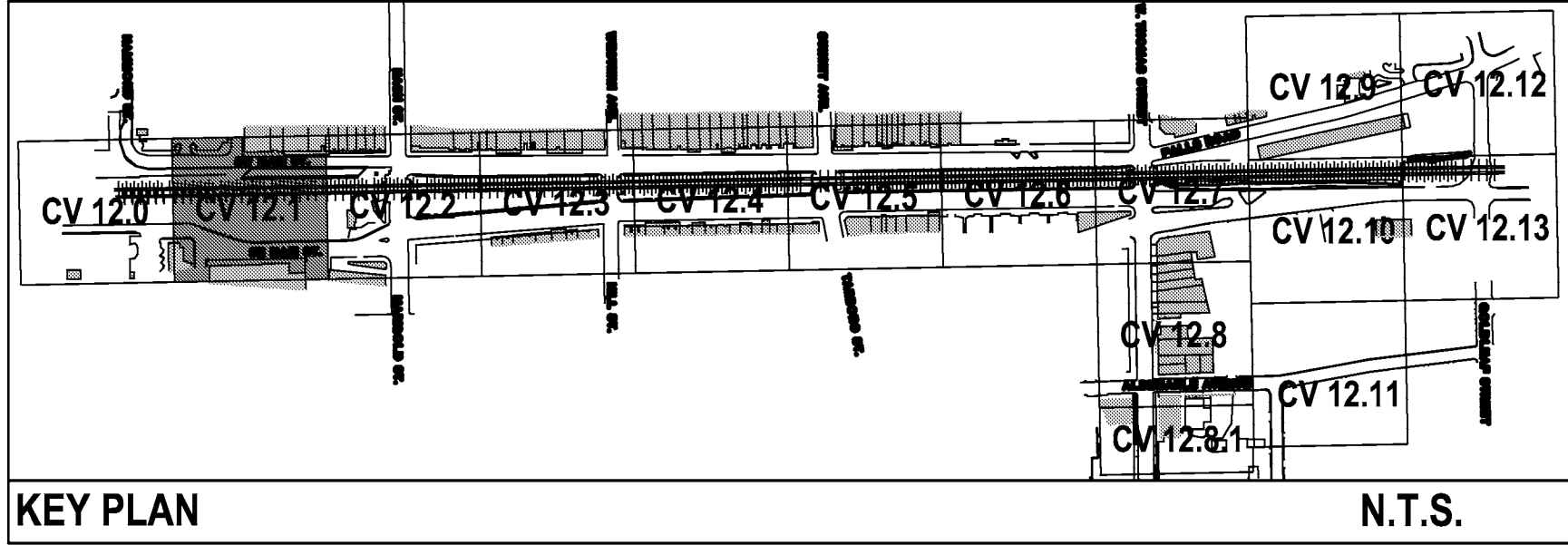
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FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
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SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



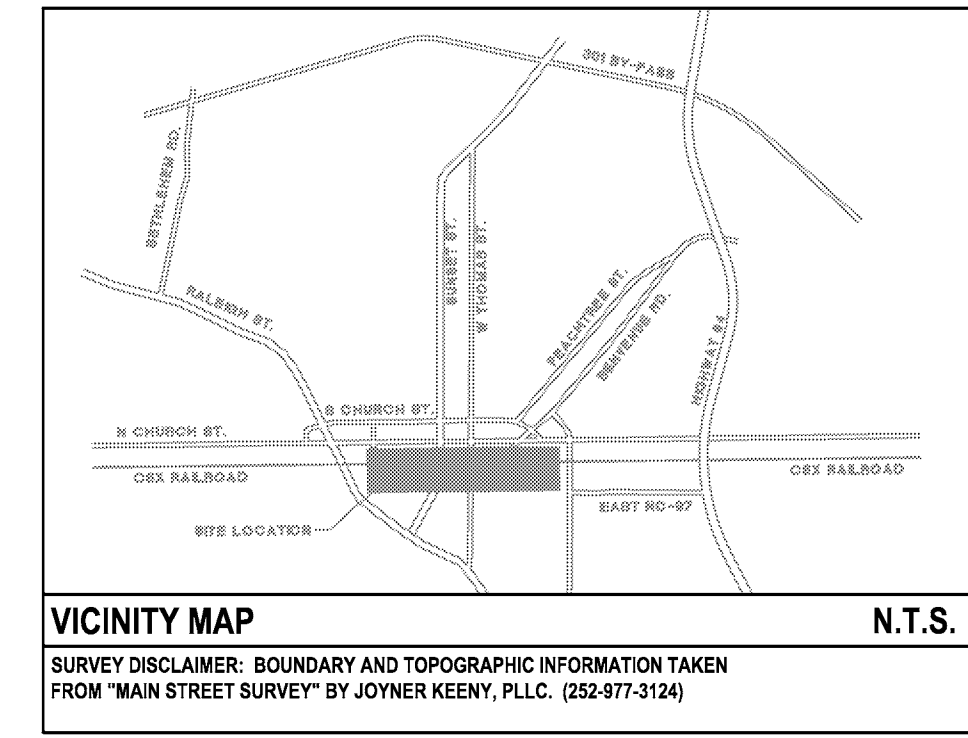
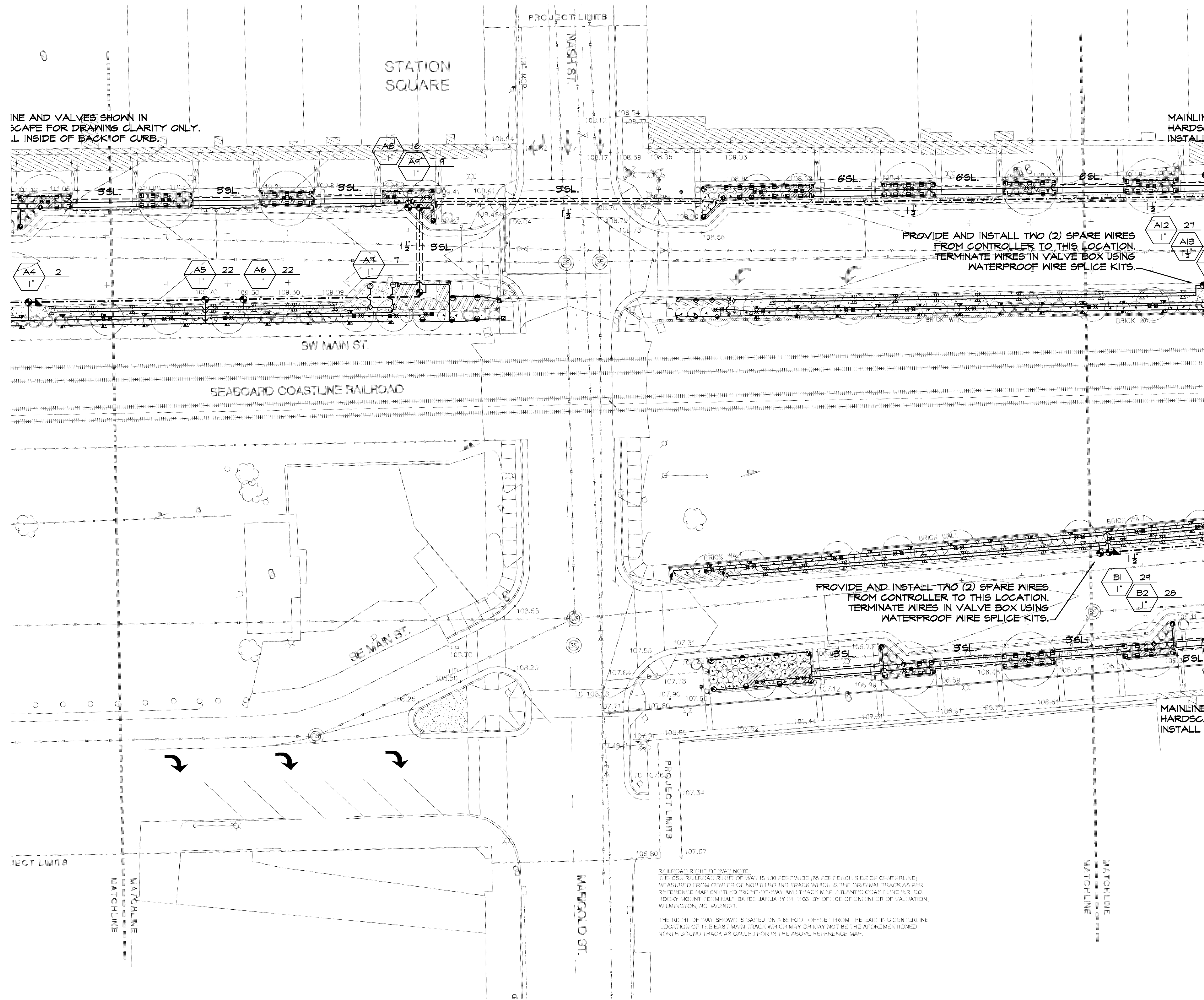
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CV 12.1

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Harris & Associates, Inc.
Construction Consultants

elm

HNTB

City of Rocky Mount
NORTH CAROLINA

**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**IRRIGATION
PLAN**

PROJECT NUMBER:

50219

ISSUED:

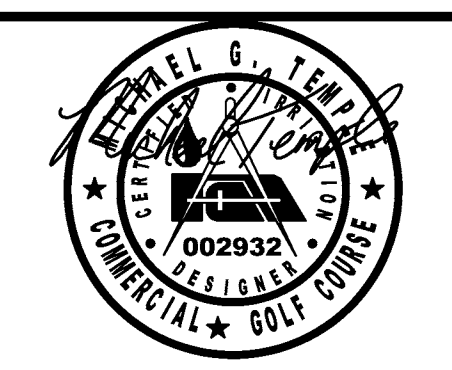
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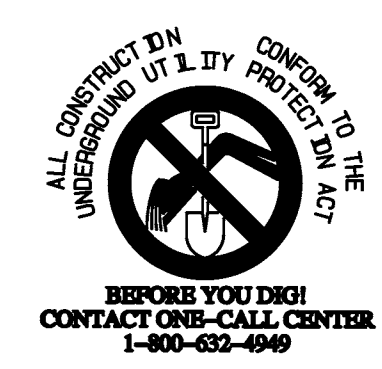
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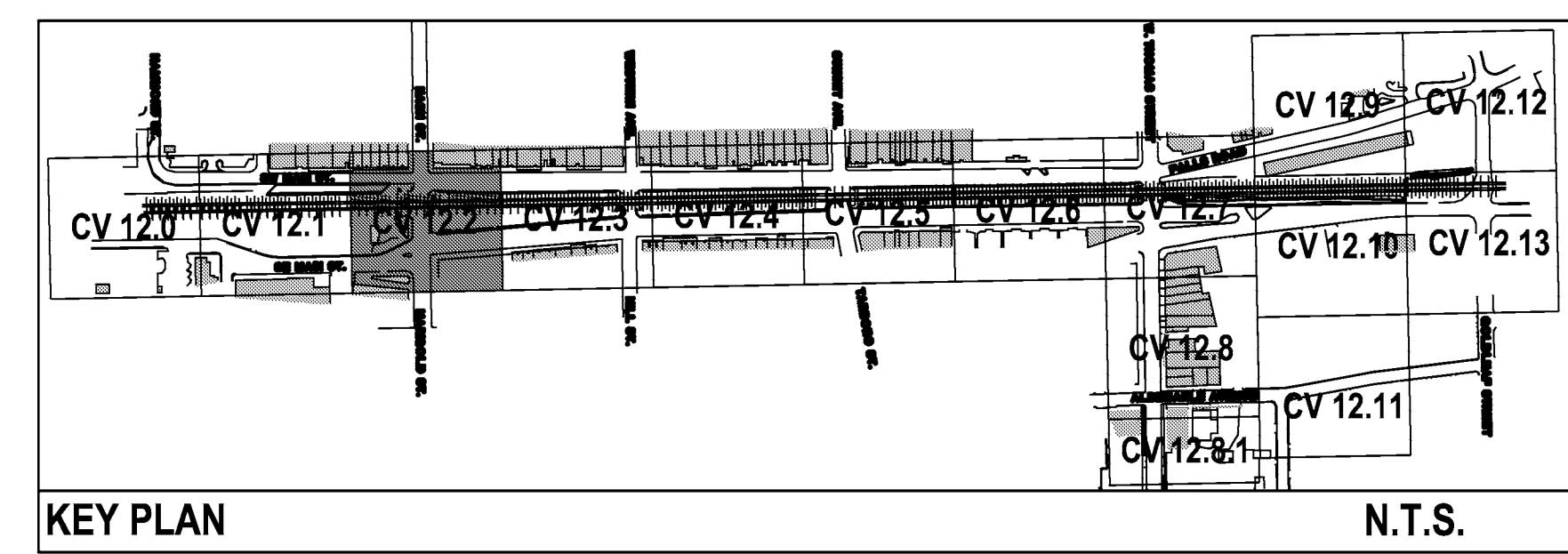
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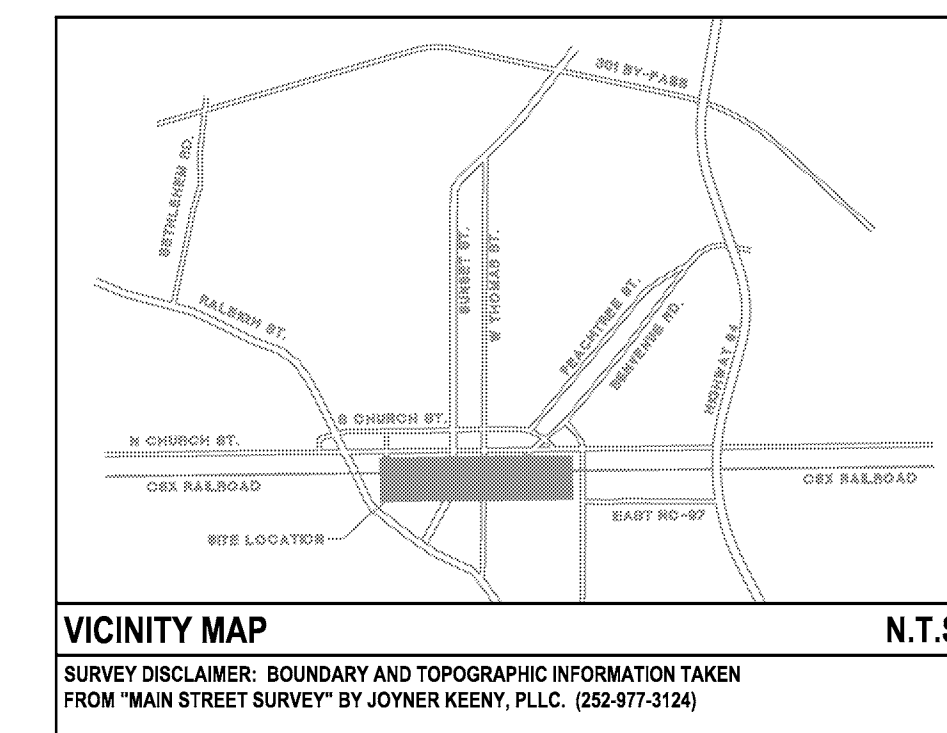
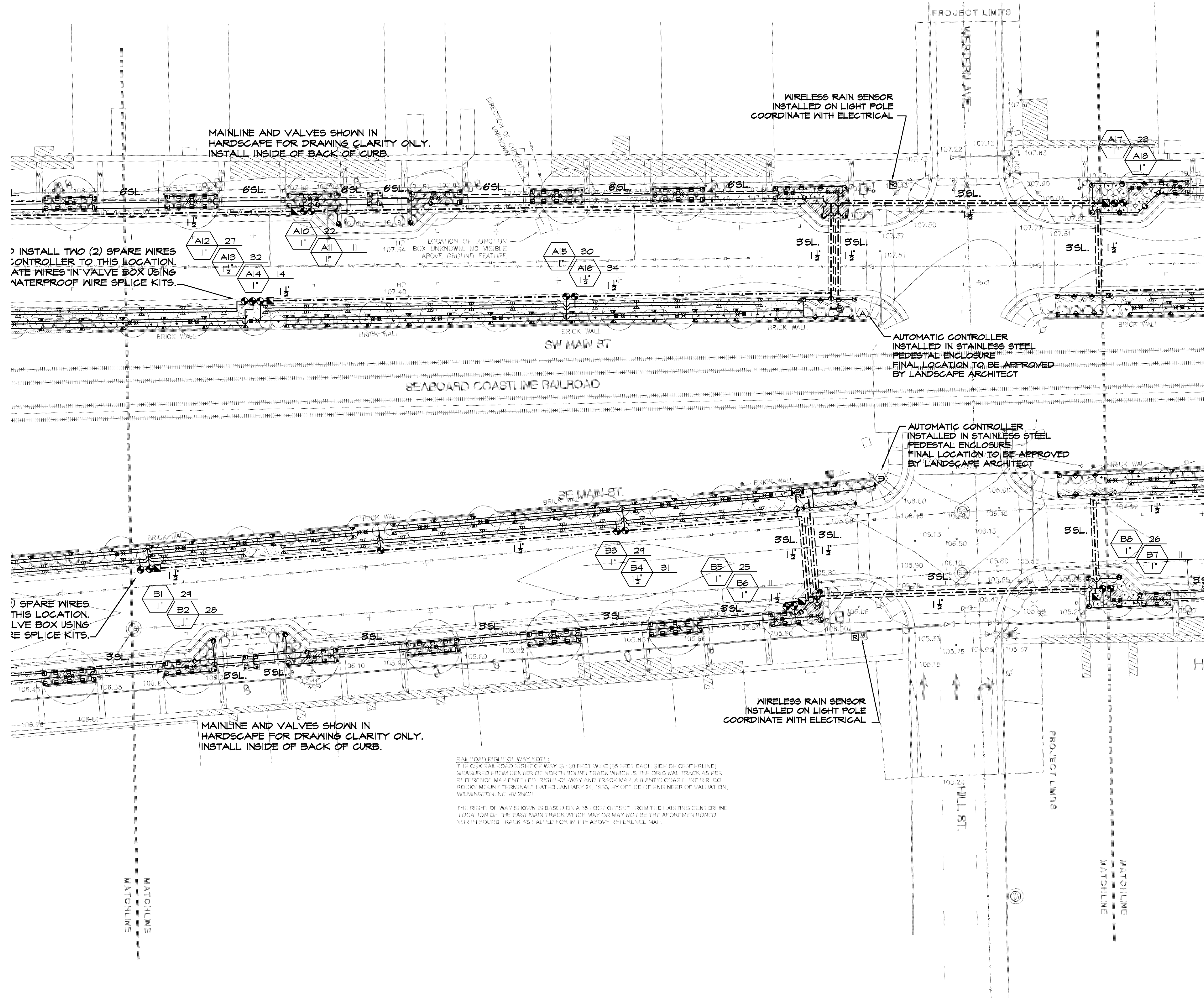


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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

IRRIGATION PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

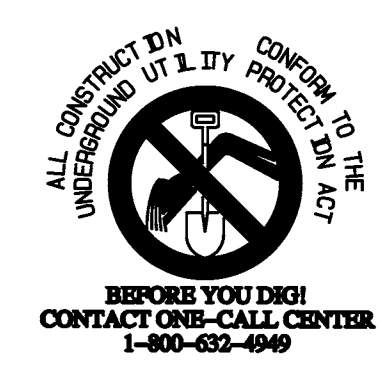
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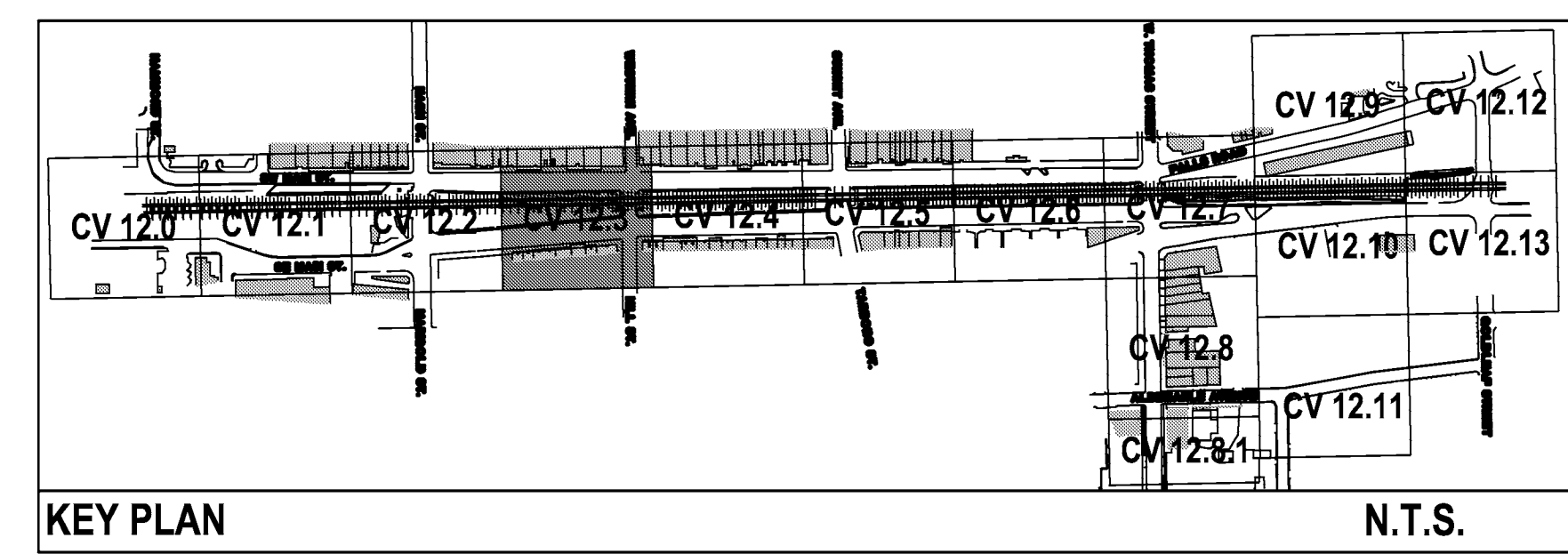
SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
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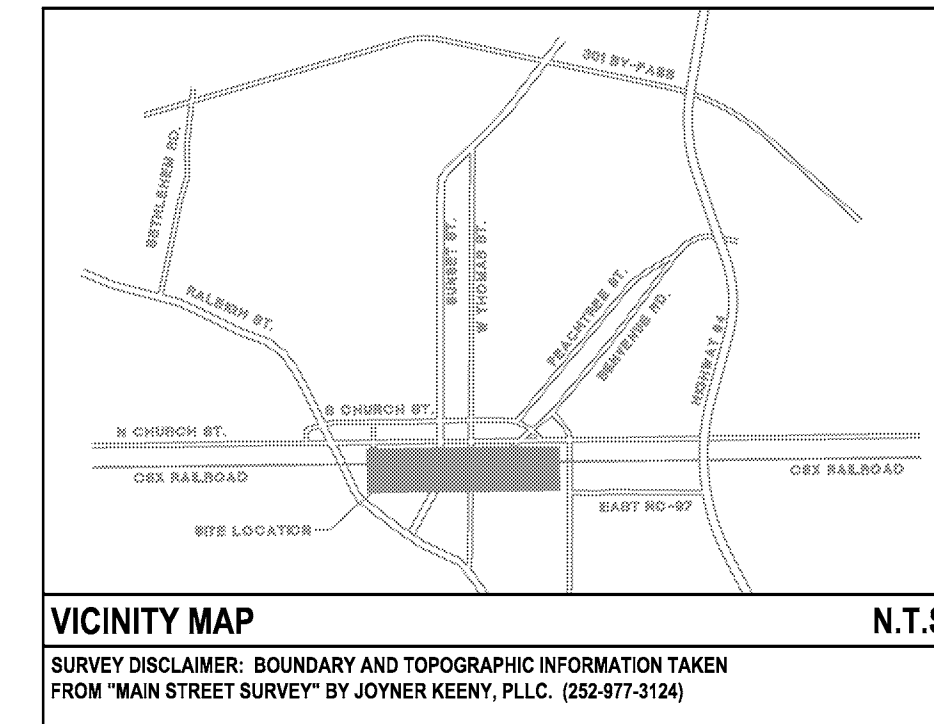
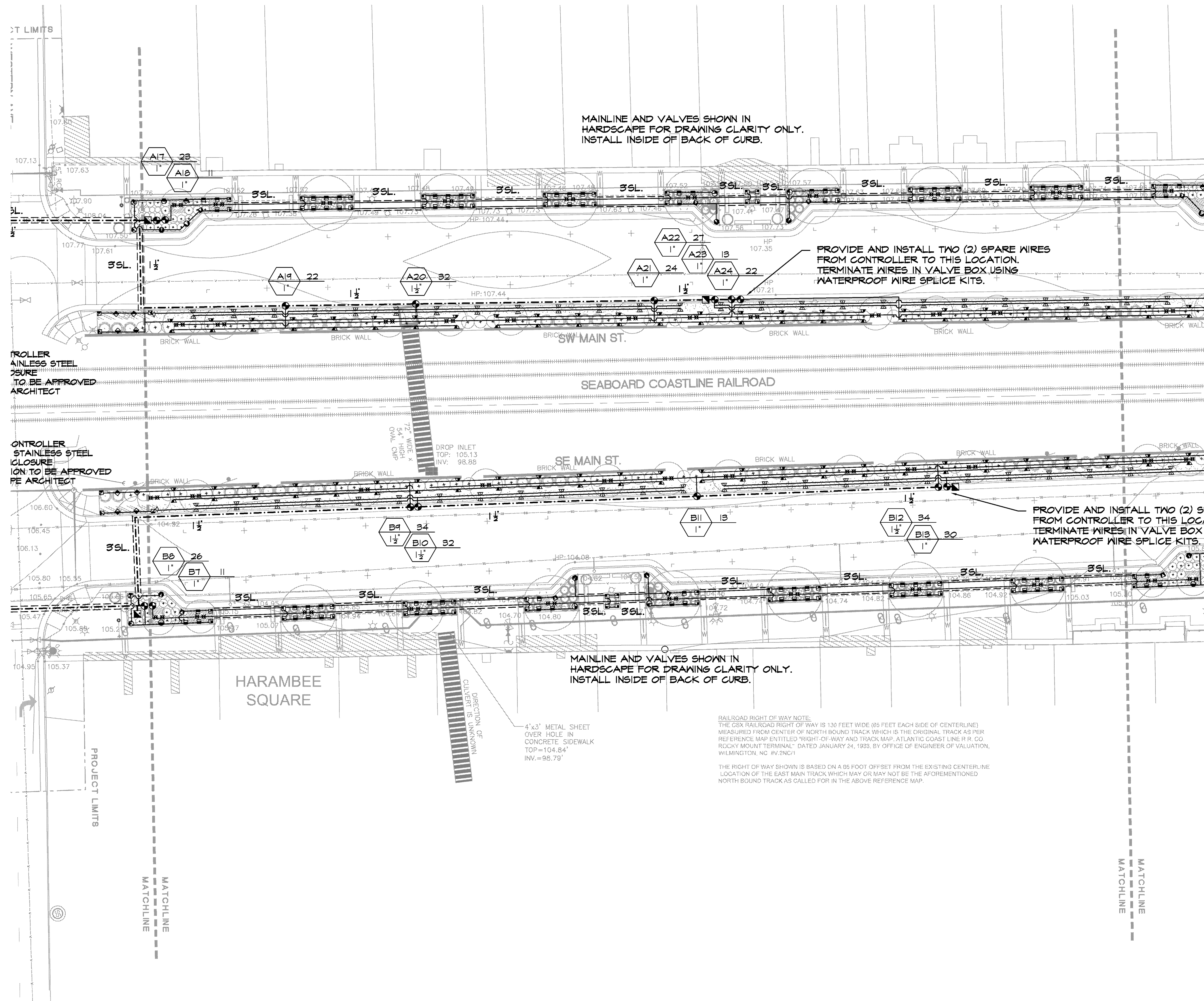


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CV 12.3

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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

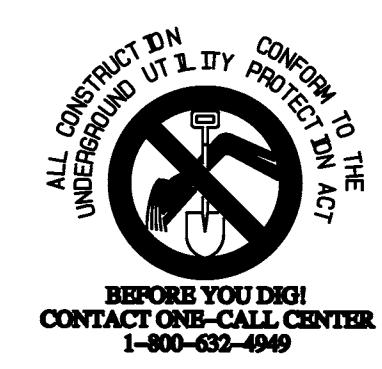
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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

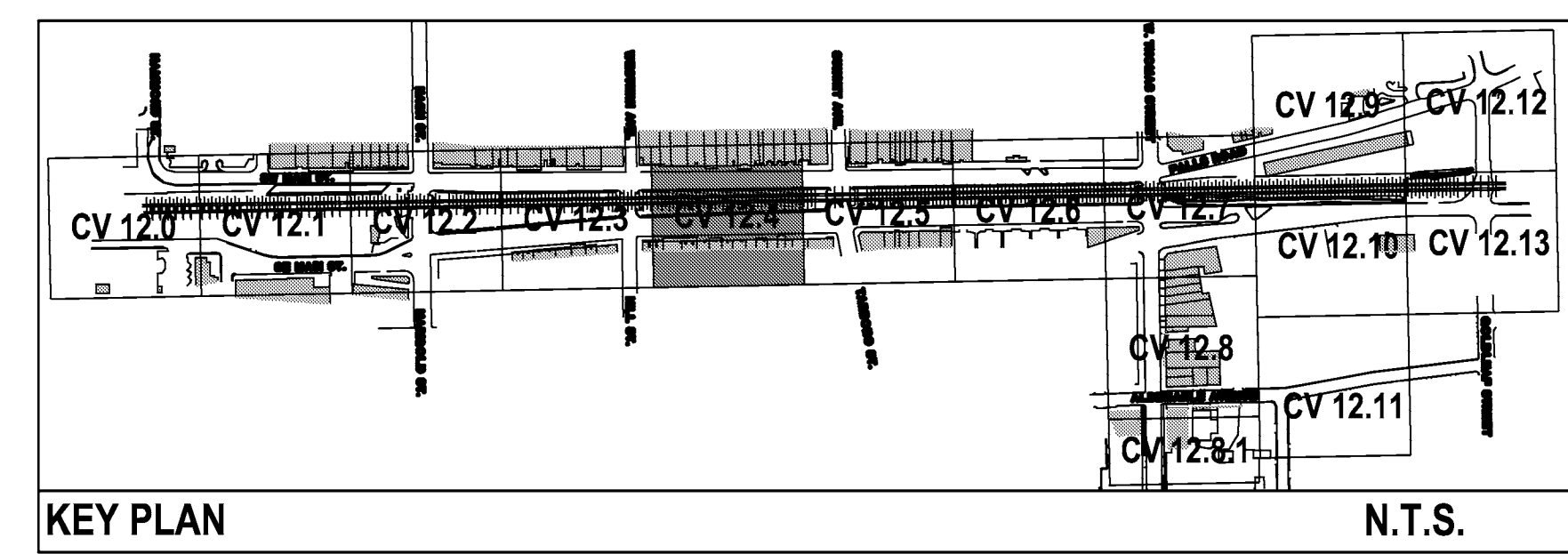
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC

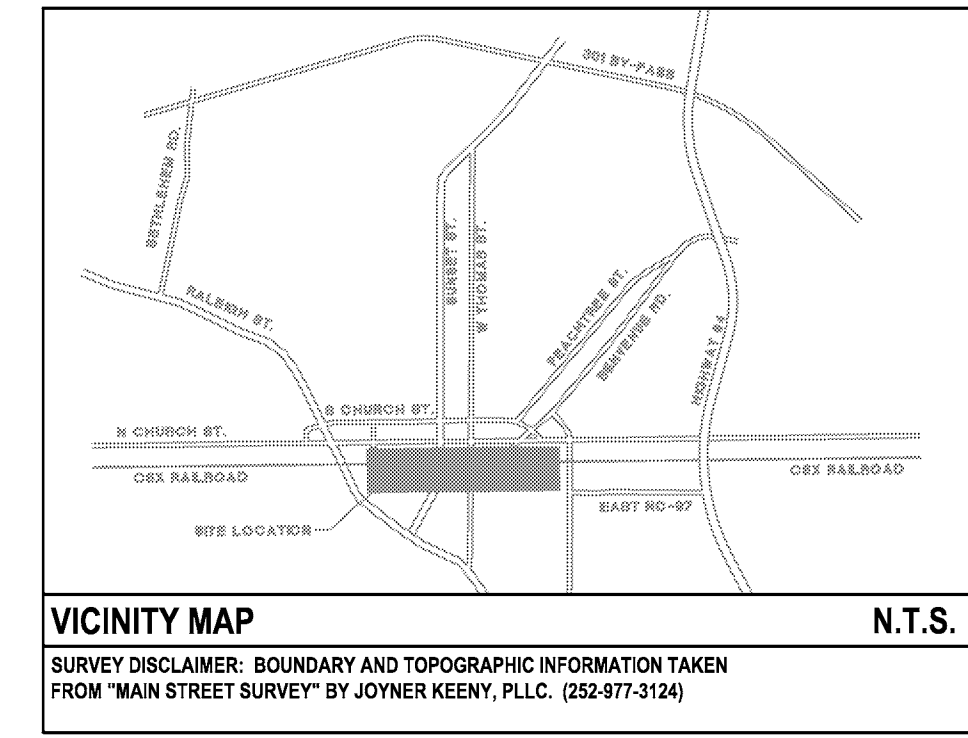
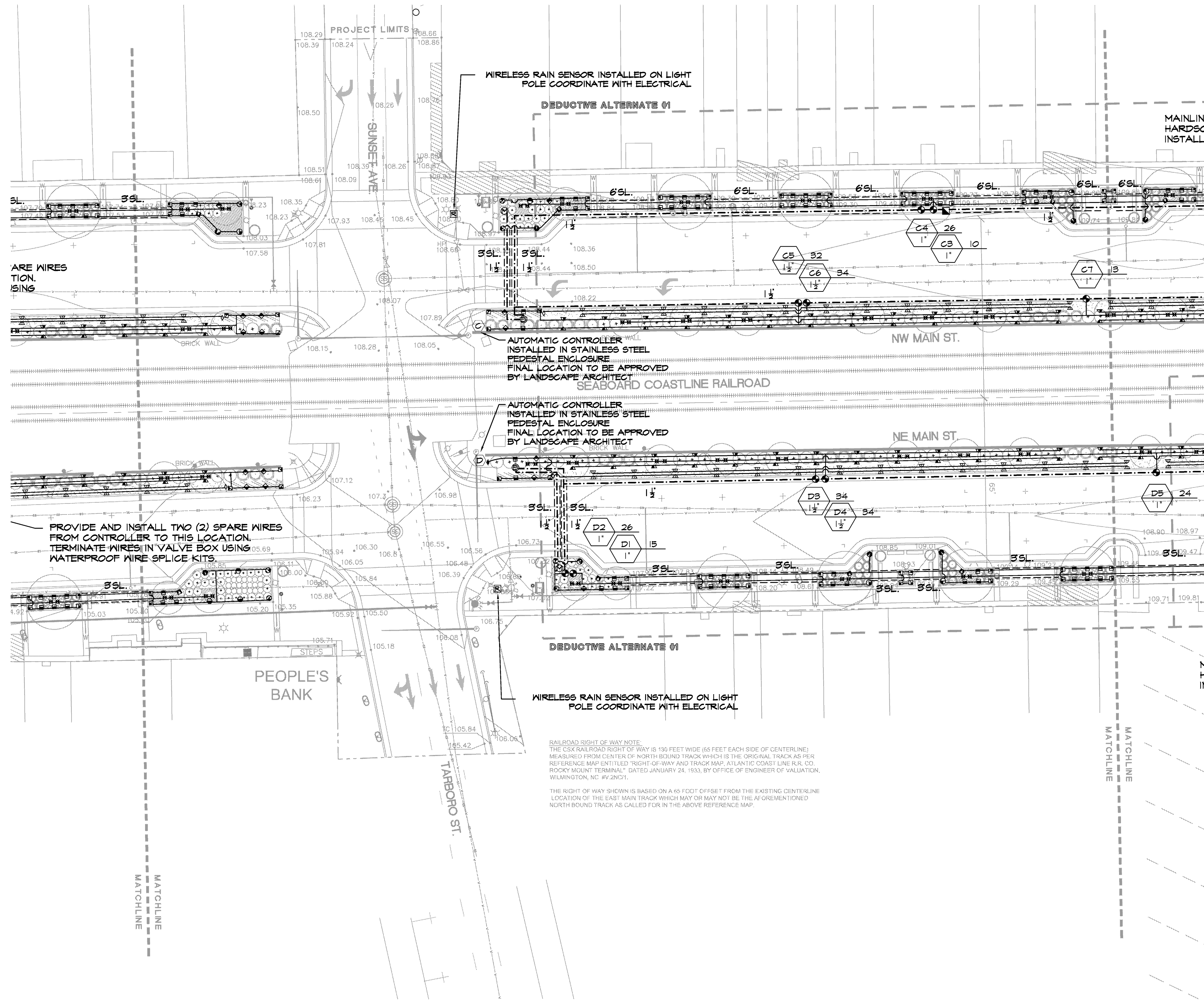


SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

IRRIGATION PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

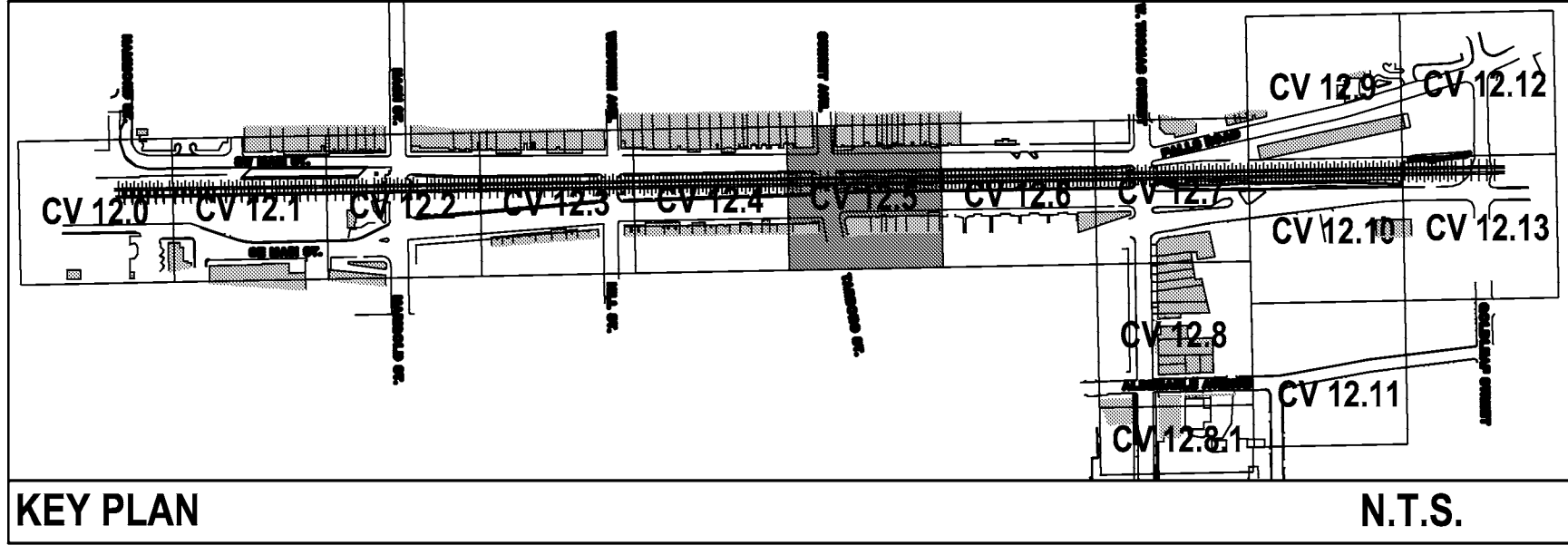
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC

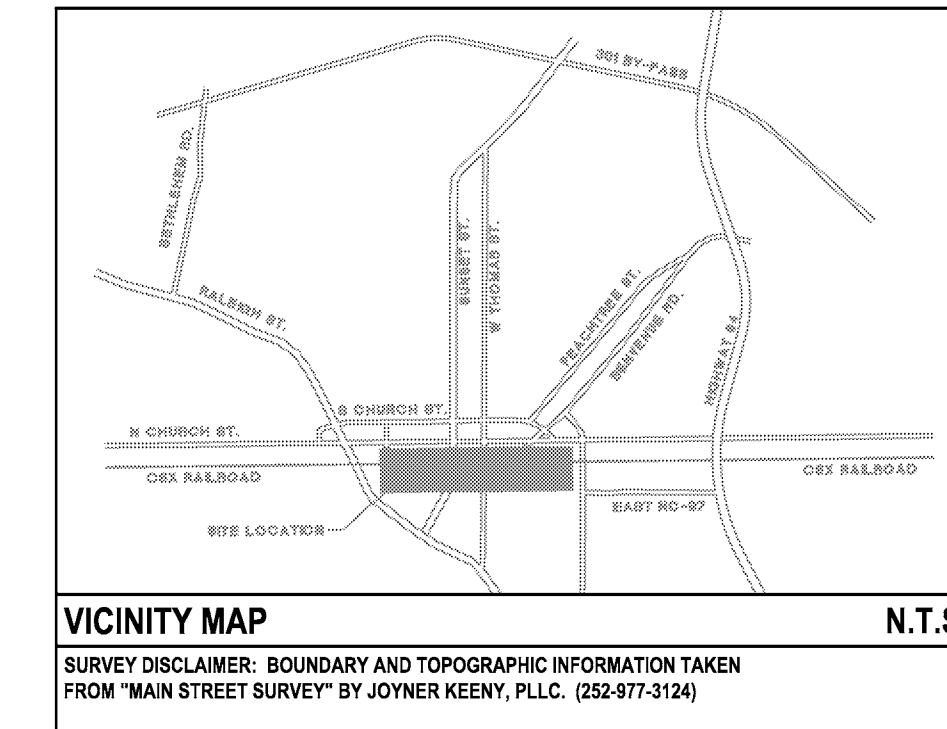
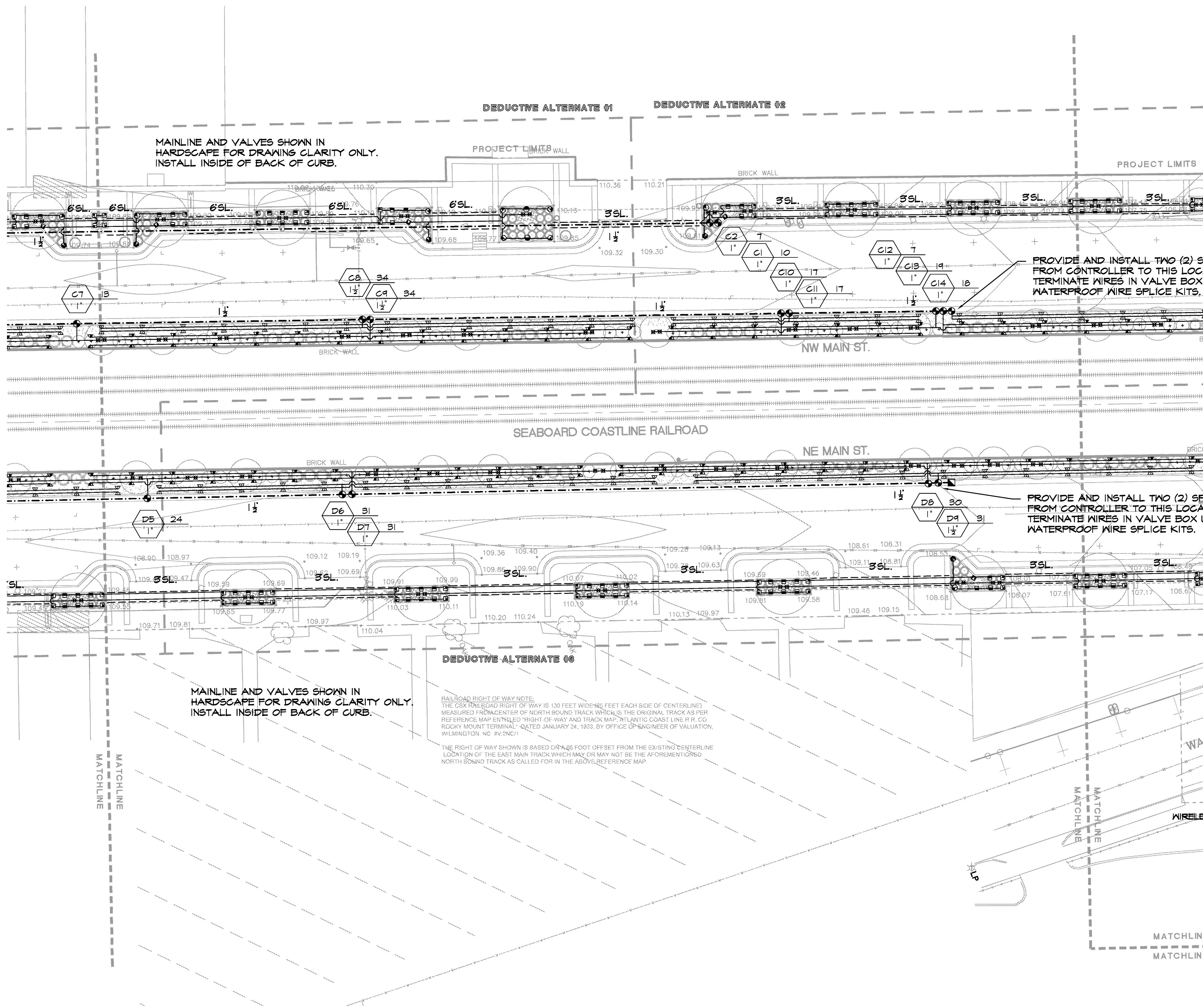


SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

IRRIGATION PLAN

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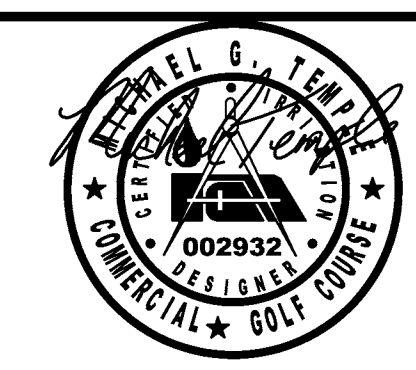
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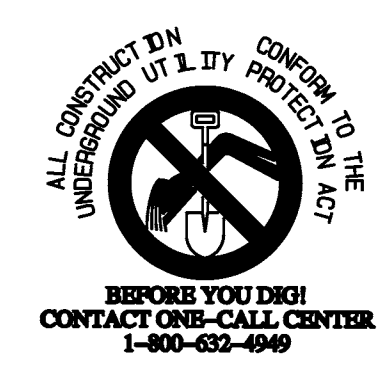
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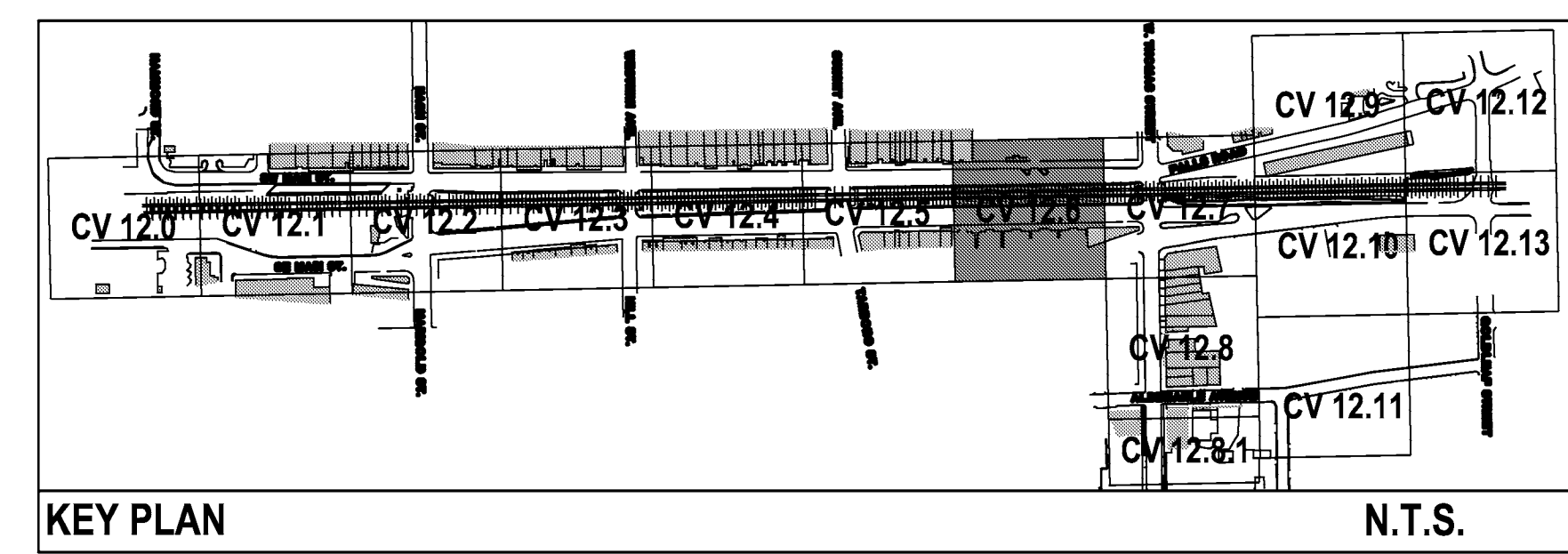
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SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND

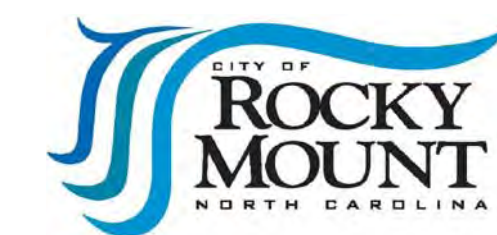
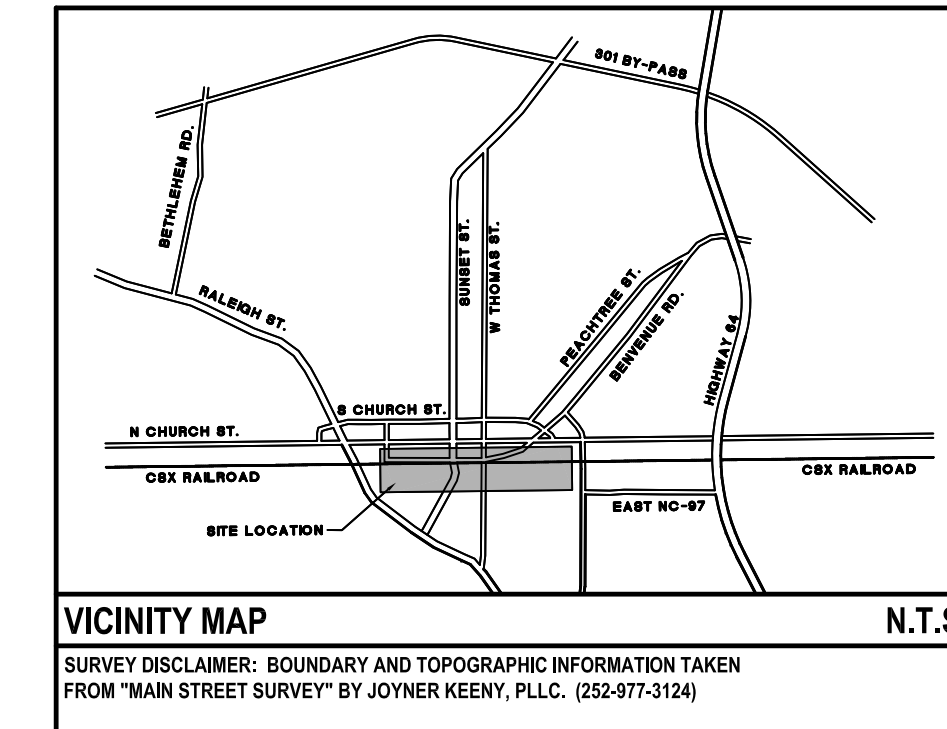
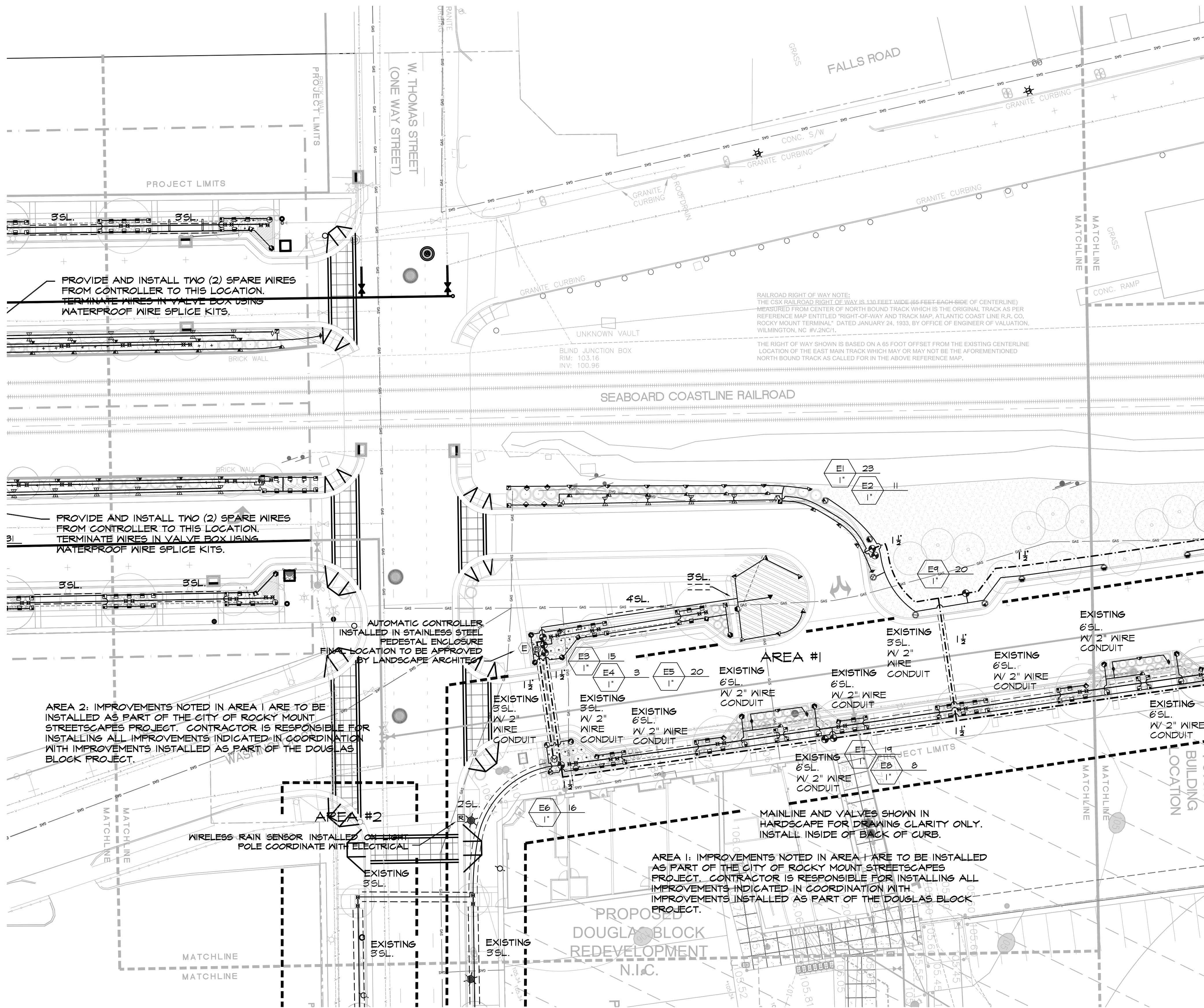


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LATERAL PIPE SCHEDULE

FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

50219

ISSUED:

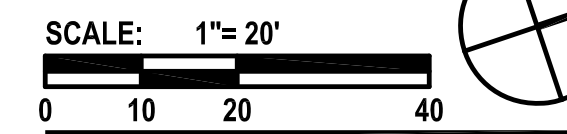
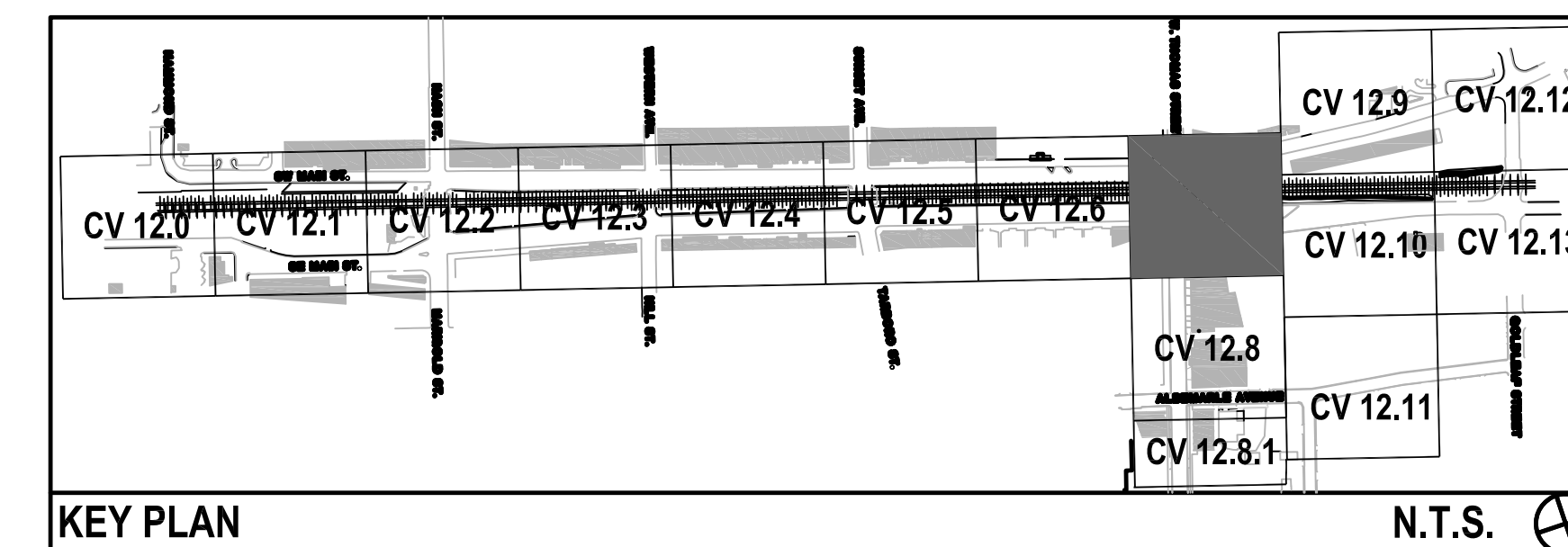
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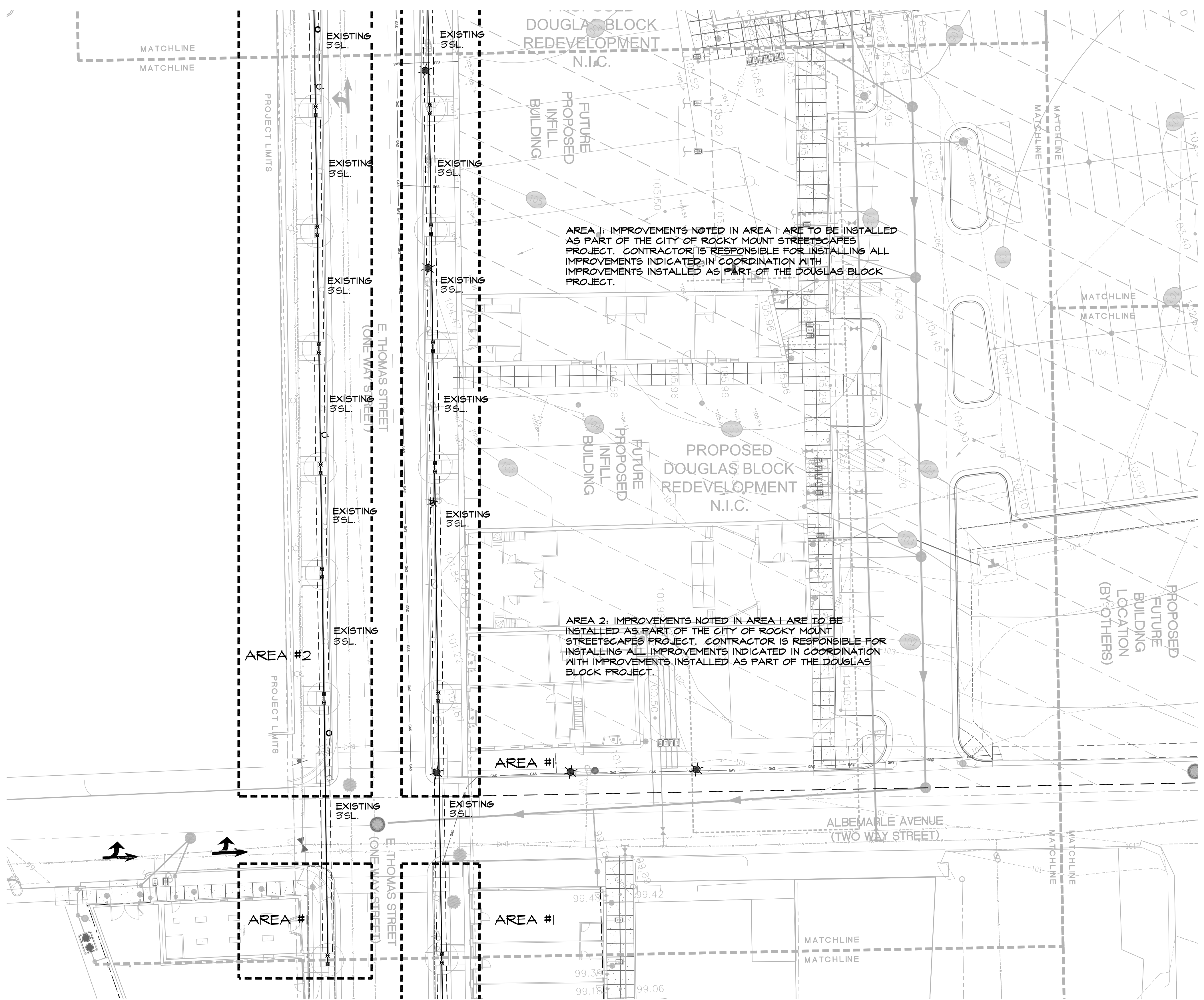
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-433-4849) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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CV 12.7

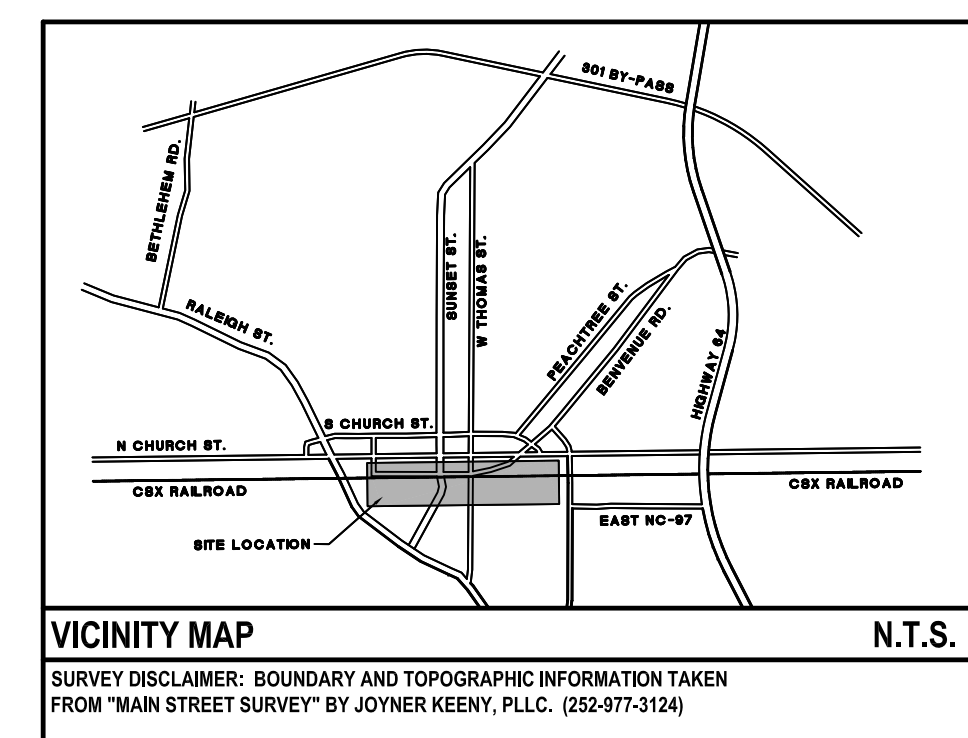
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Colakness & Stone, P.A. 2008



AREA 1: IMPROVEMENTS NOTED IN AREA 1 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETSCAPES PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.

AREA 2: IMPROVEMENTS NOTED IN AREA 1 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETSCAPES PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

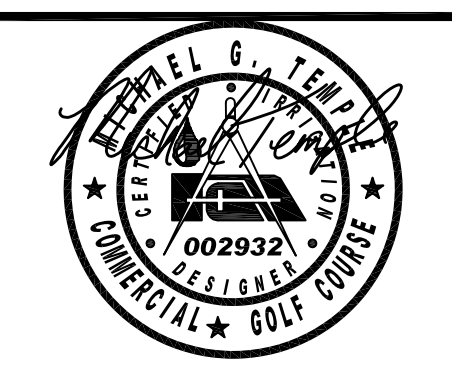
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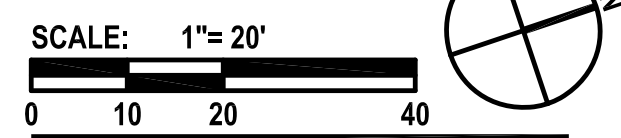
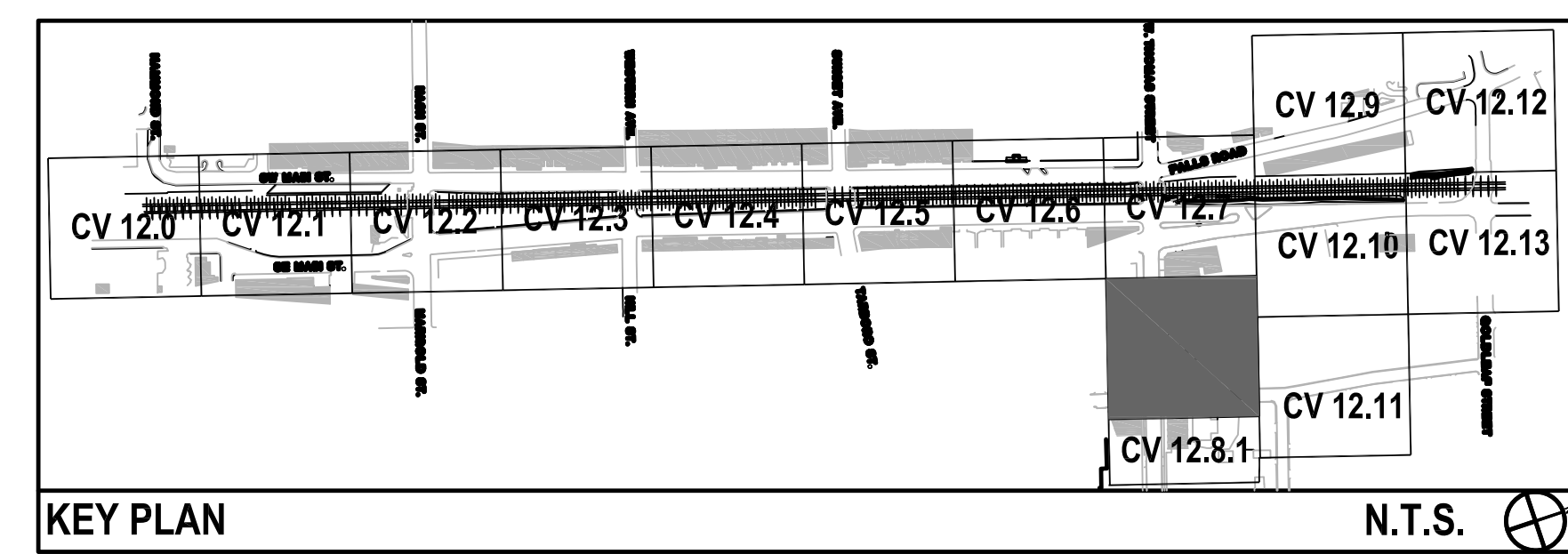
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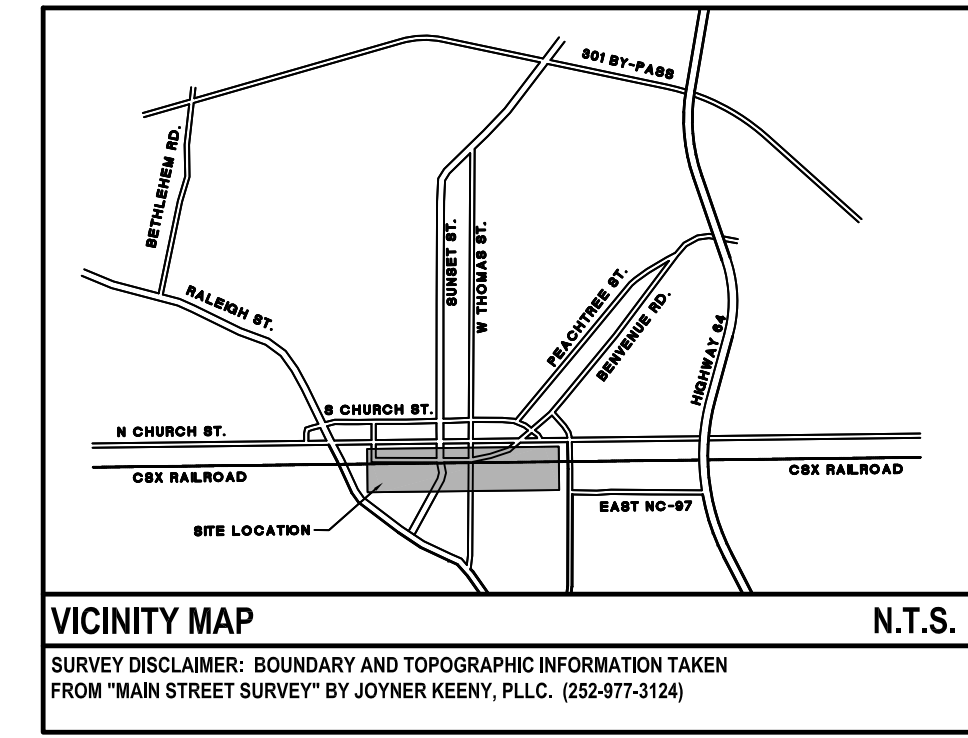
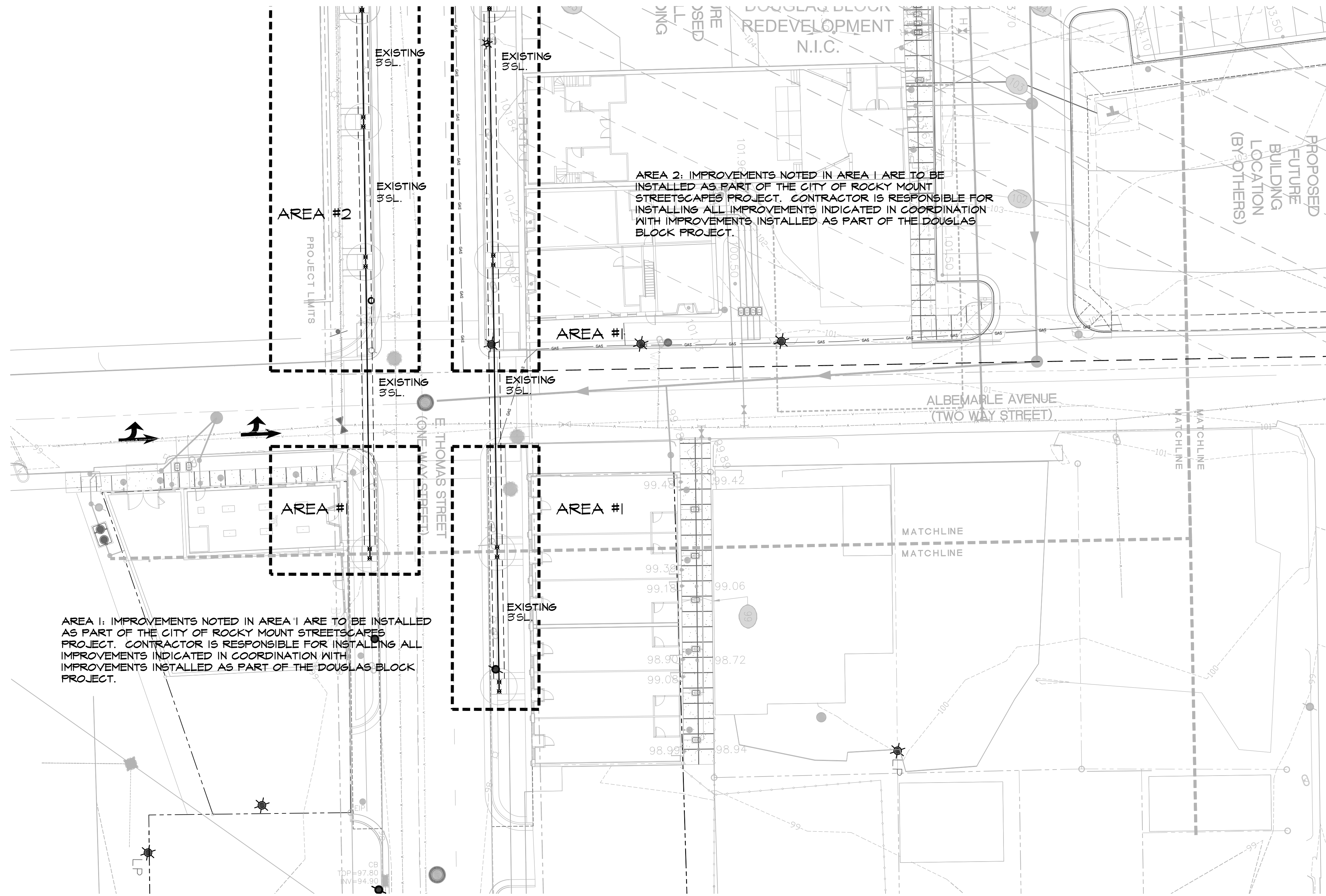


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CV 12.8

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 Colabnest & Stone, P.A. 2008



Harris & Associates, Inc.
Construction Consultants

MORTAR&ink
Graphic Design for the Built World

elm

HNTB

Survey Disclaimers:
Boundary and Topographic Information Taken From "Main Street Survey" by Joyner Keeny, PLLC. (252-977-3124)



**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

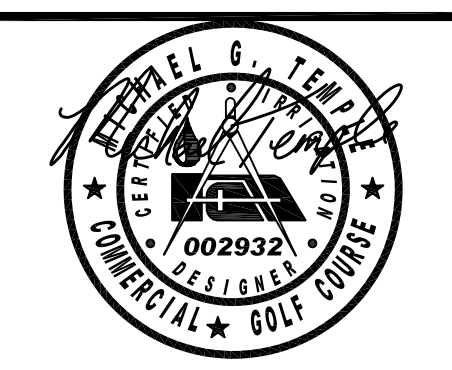
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PLAN**

PROJECT NUMBER:
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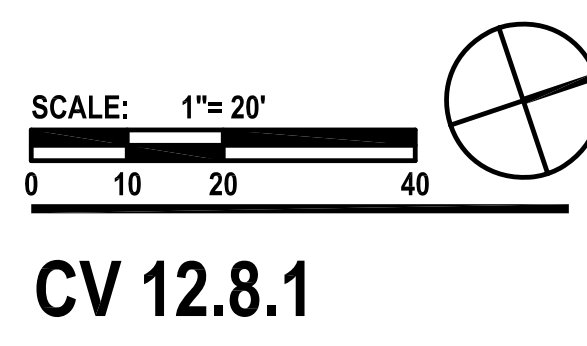
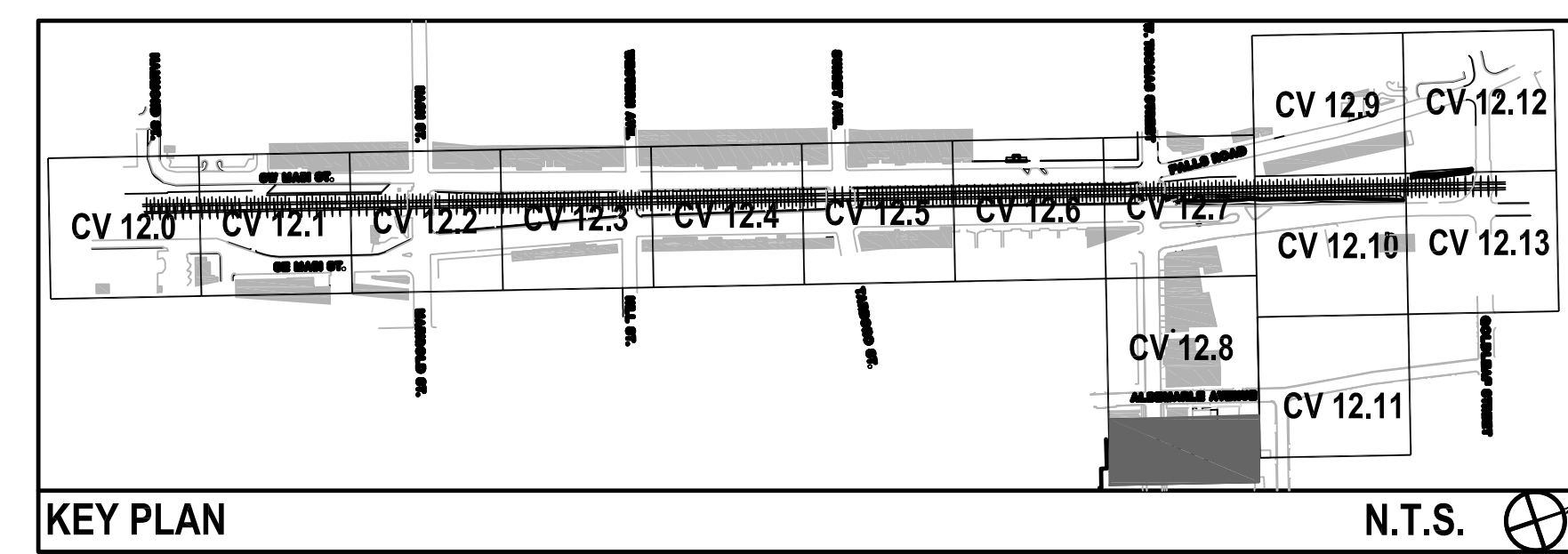
ISSUED:
11.01.10

REVISED: # COMMENTS:

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CV 12.8.1

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Colabnest & Stone, P.A. 2008



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

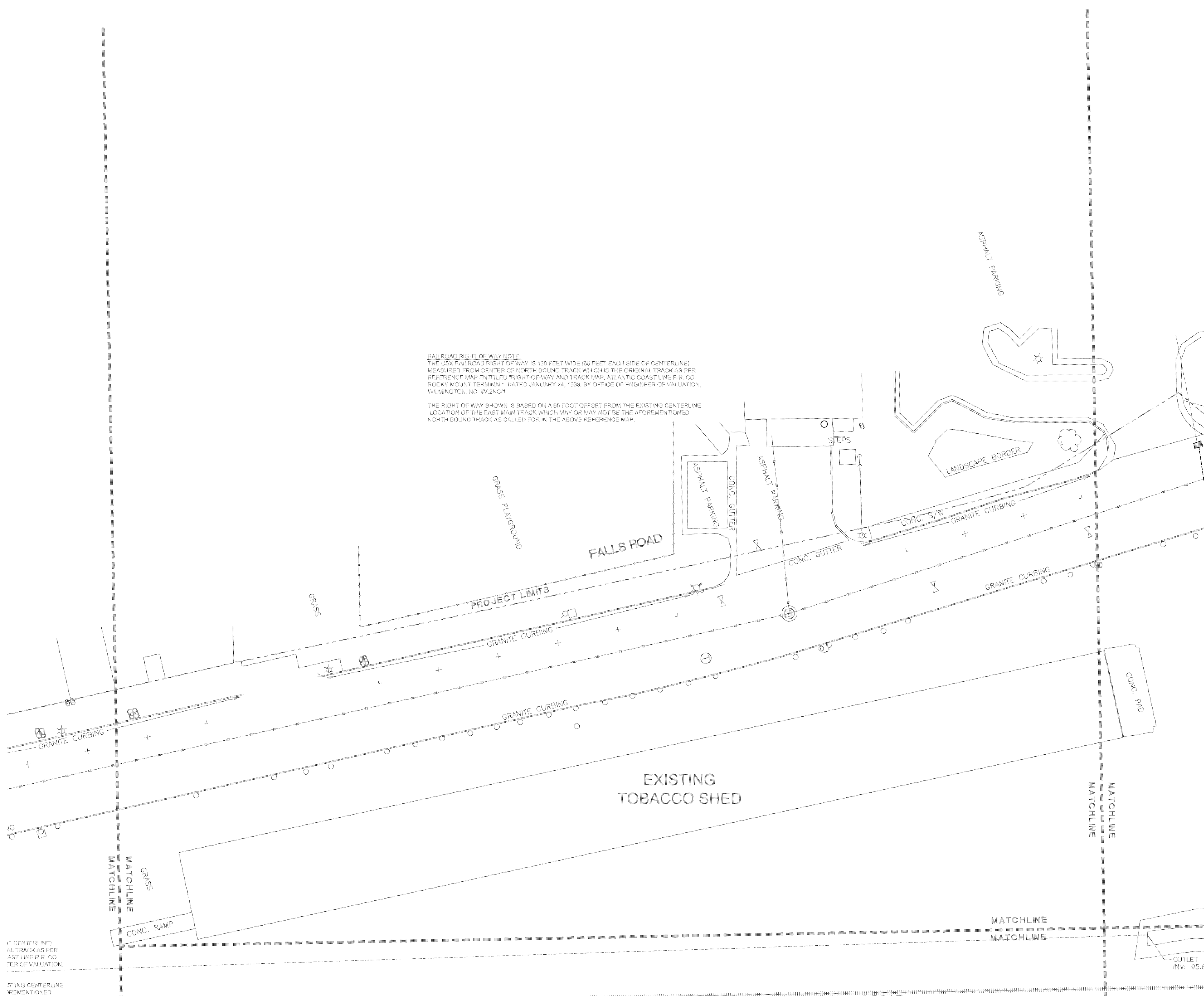
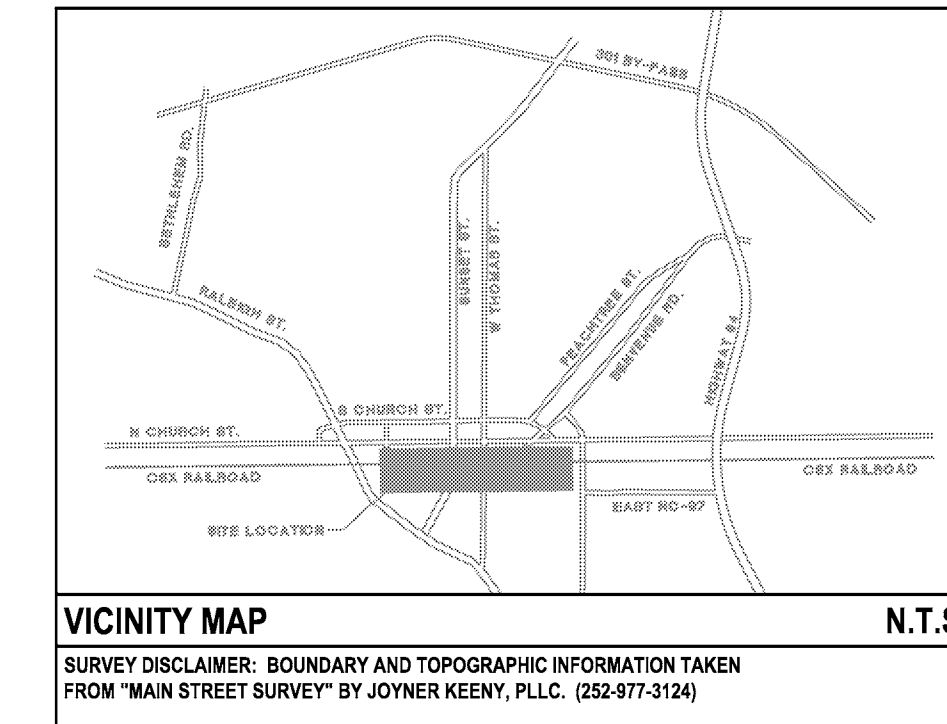
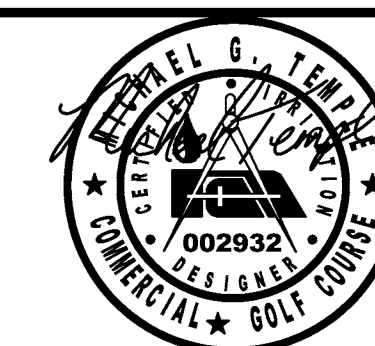
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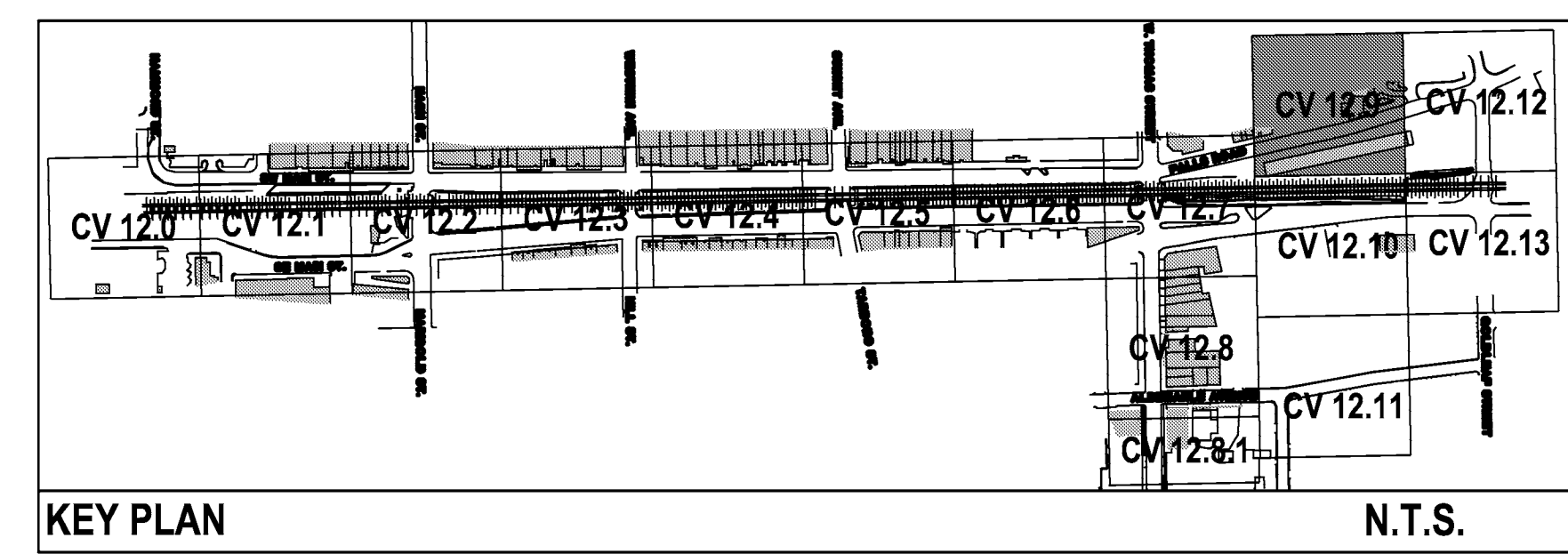
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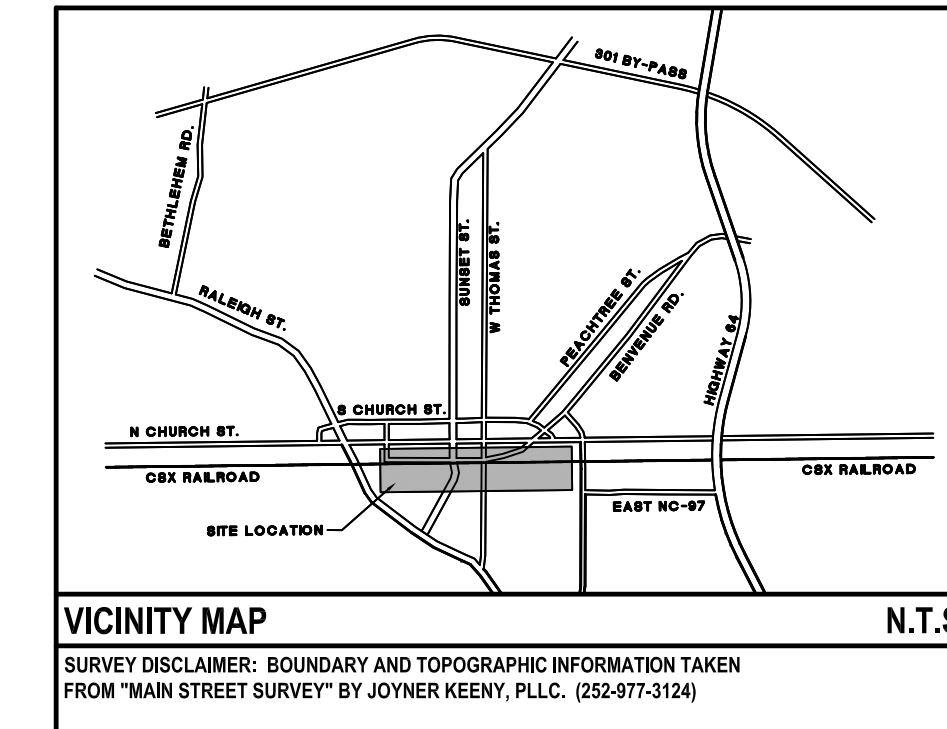
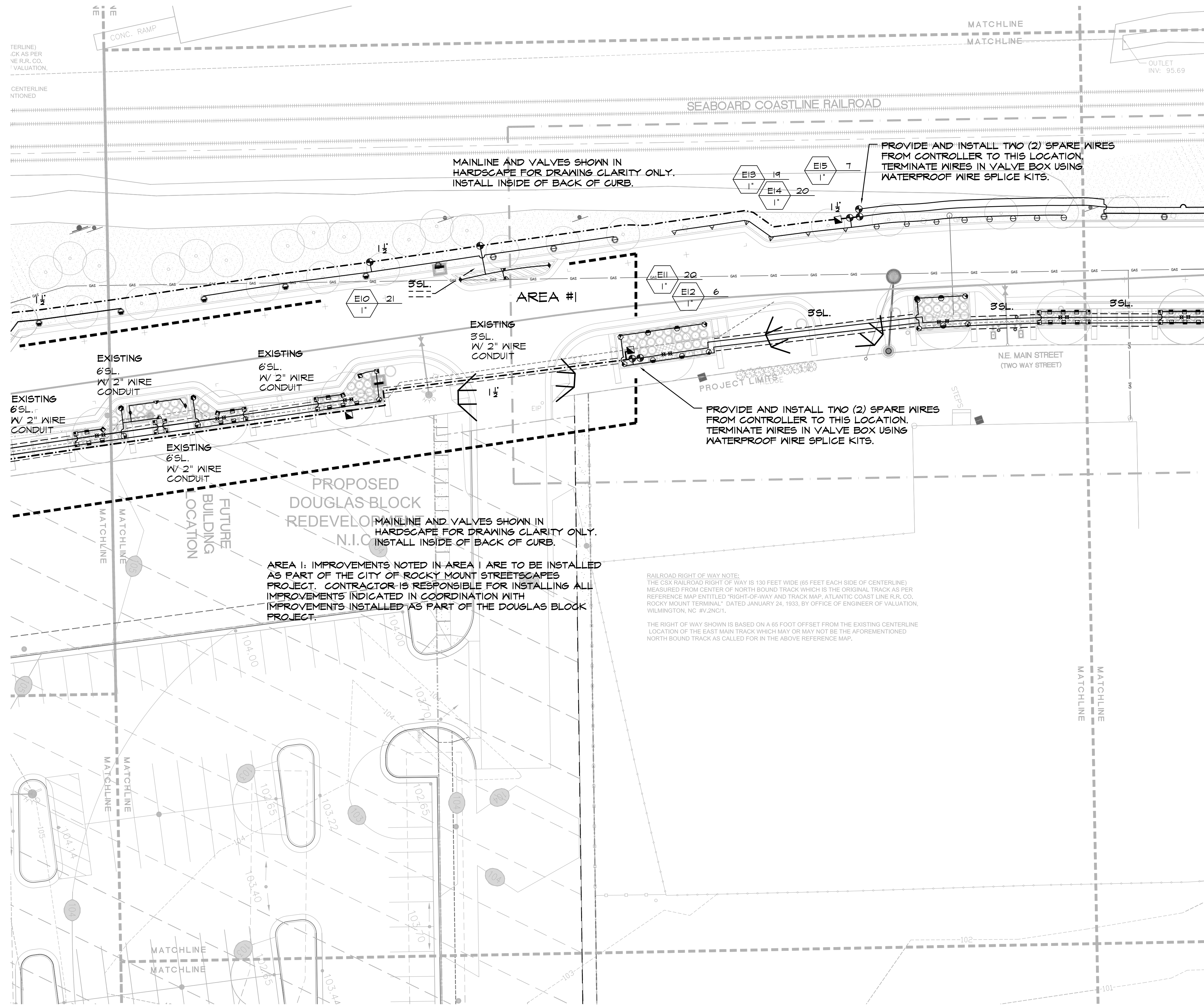
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
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SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

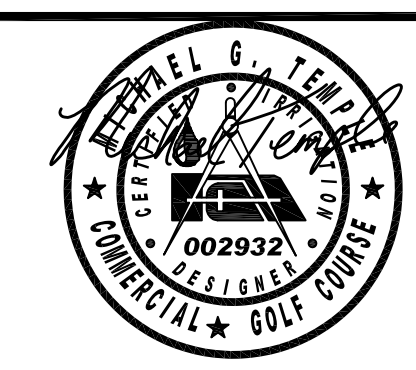
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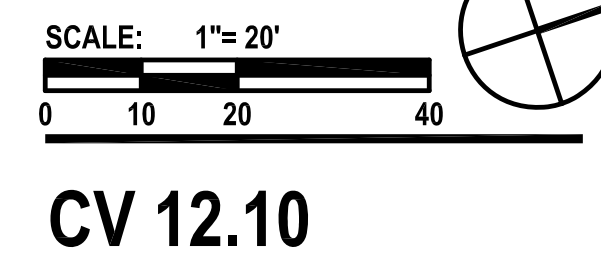
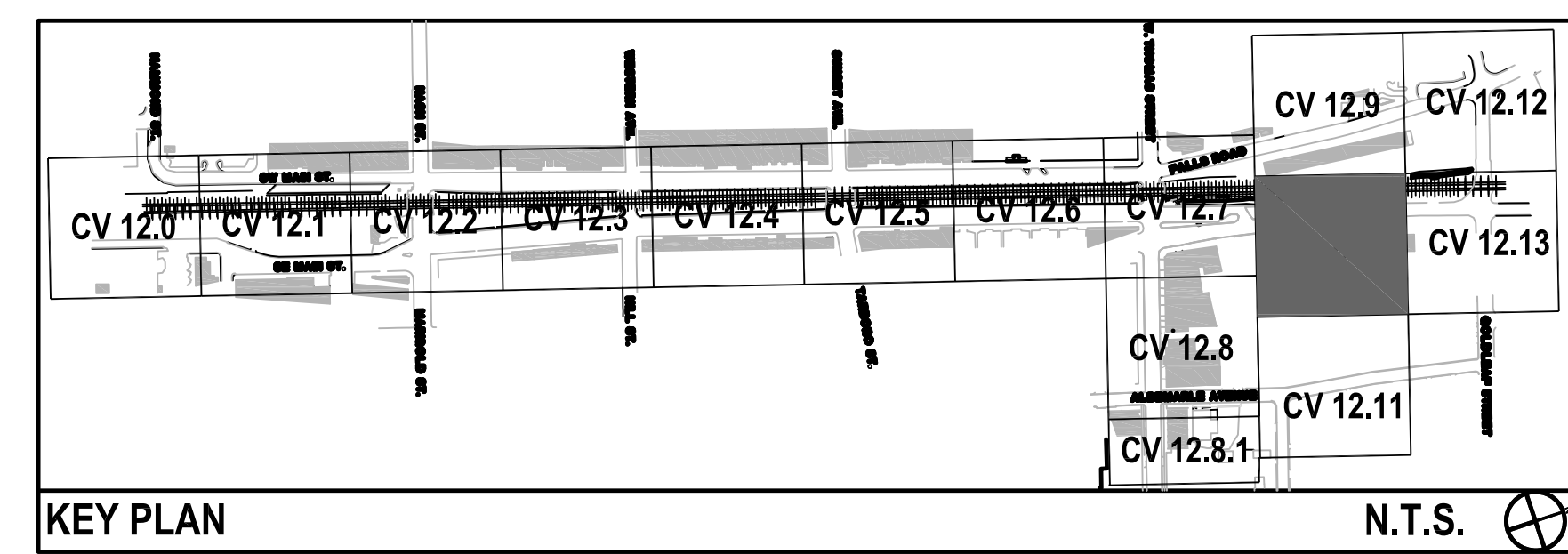
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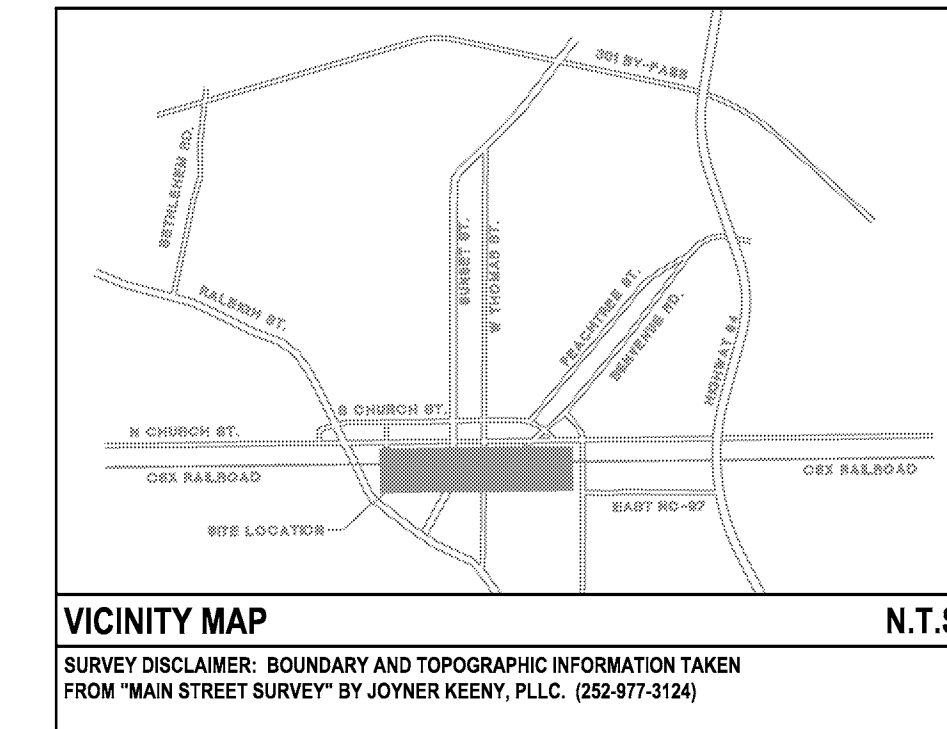
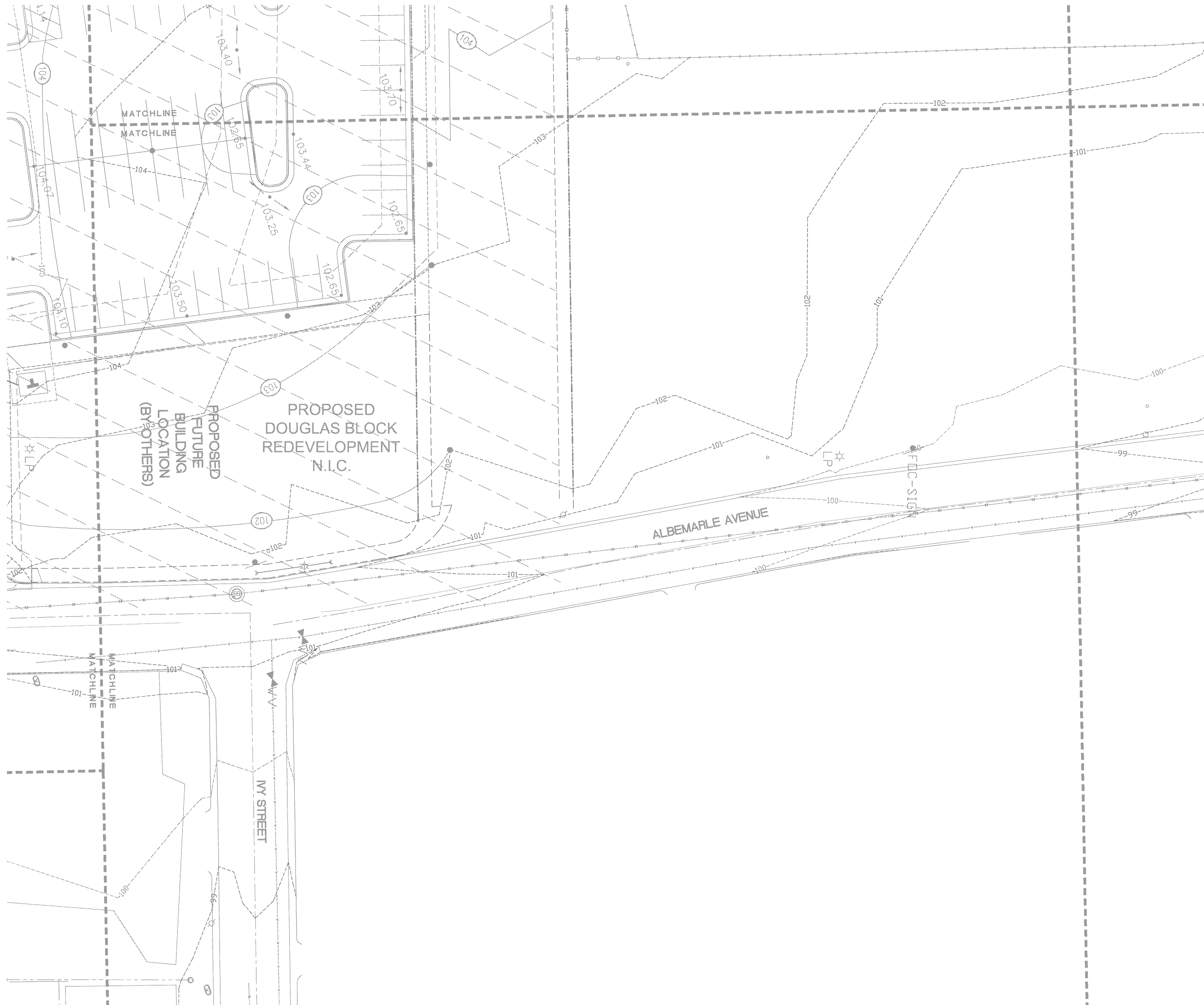
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-955-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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CV 12.10

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Colakness & Stone, P.A. 2008



**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**IRRIGATION
PLAN**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

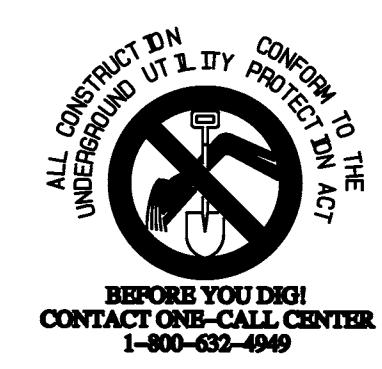
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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

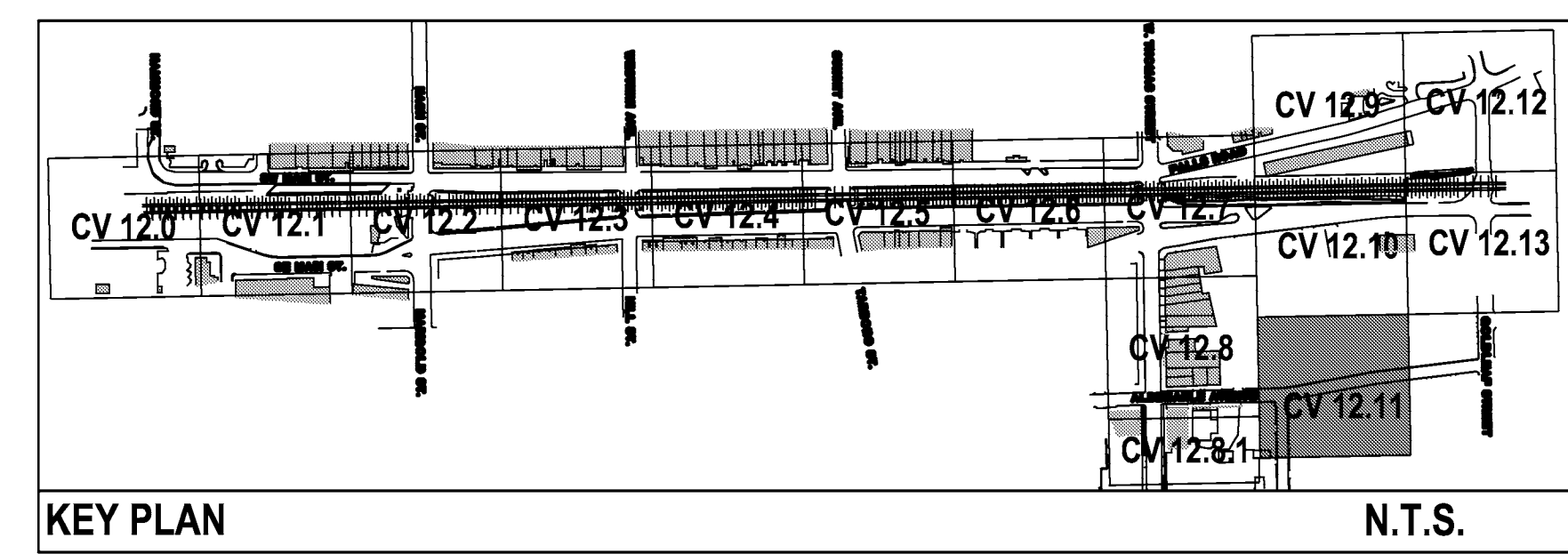
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC



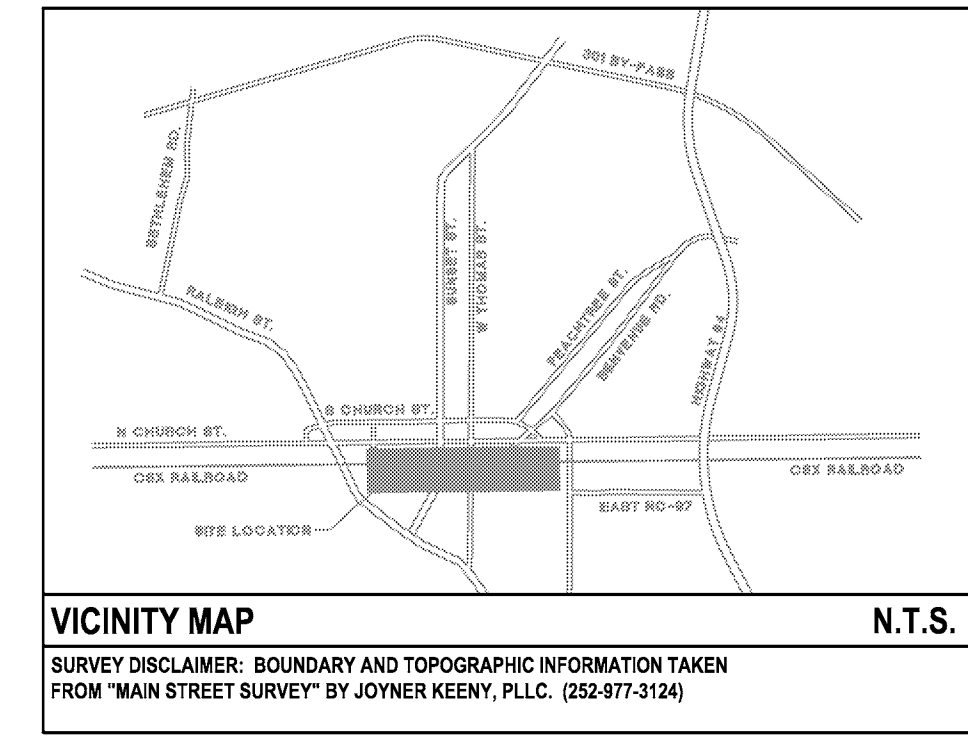
SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



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RAILROAD RIGHT OF WAY NOTE
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V 282671.
 THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

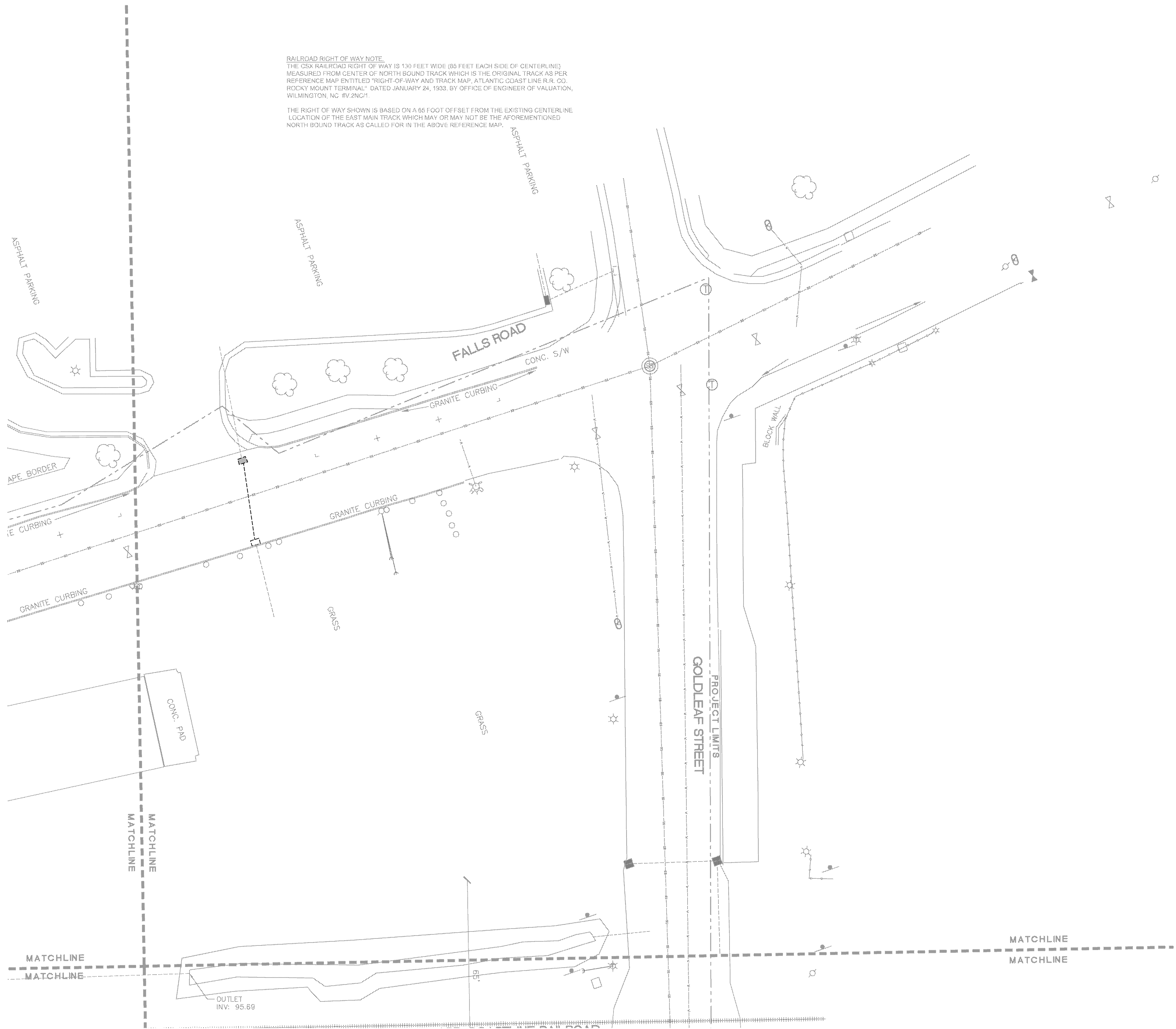
REVISED: # COMMENTS:

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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

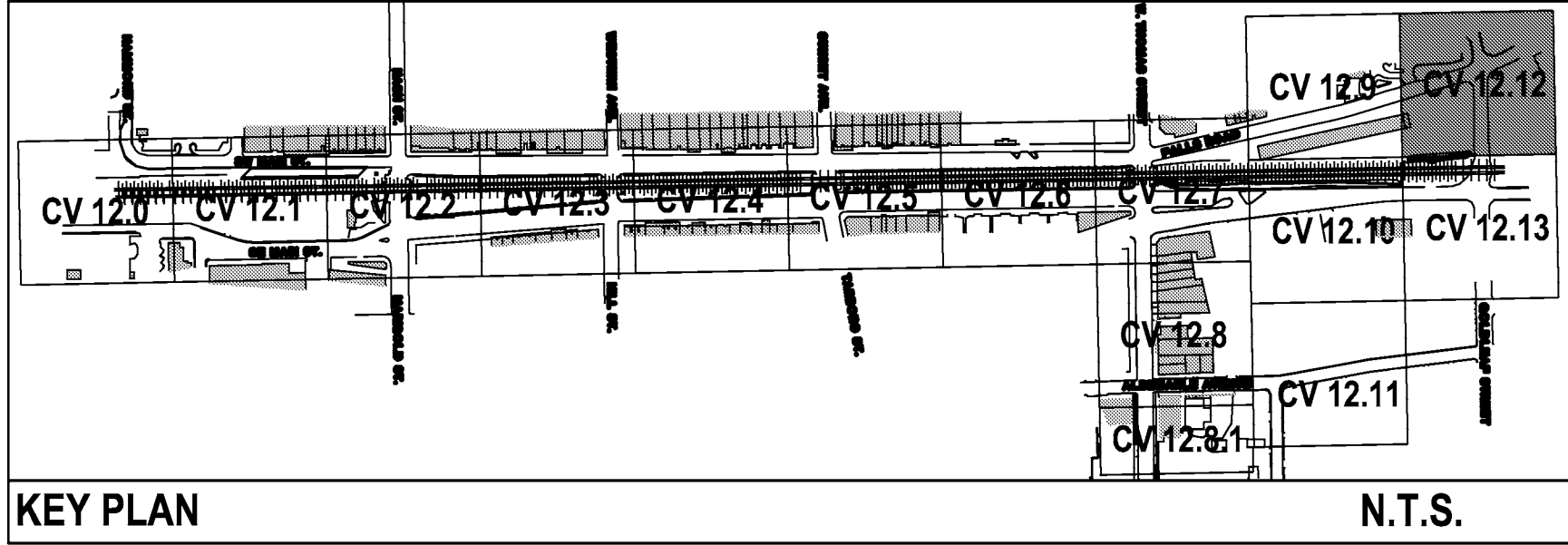
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC



SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND

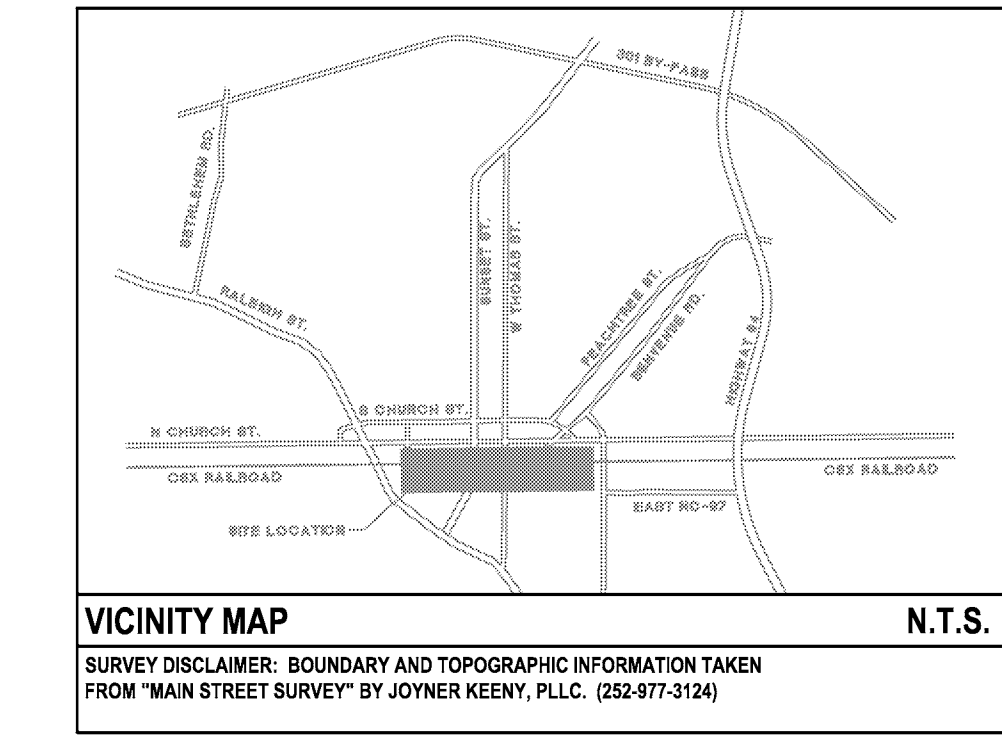
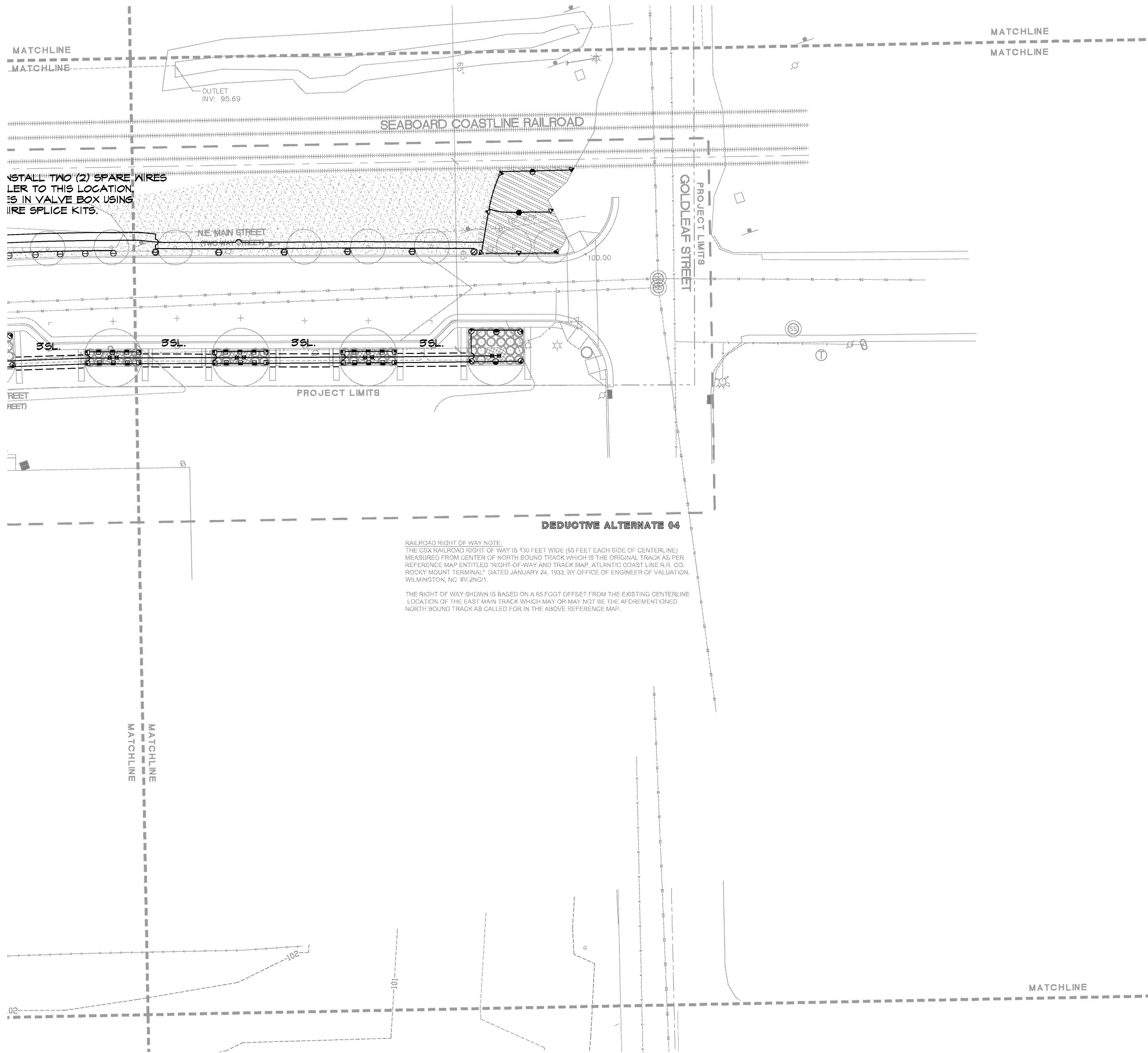


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CV 12.12

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 Coleanest & Stone, P.A. 2008



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

IRRIGATION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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SEE DETAILS SHEET CV 12.14 FOR NOTES AND LEGENDS

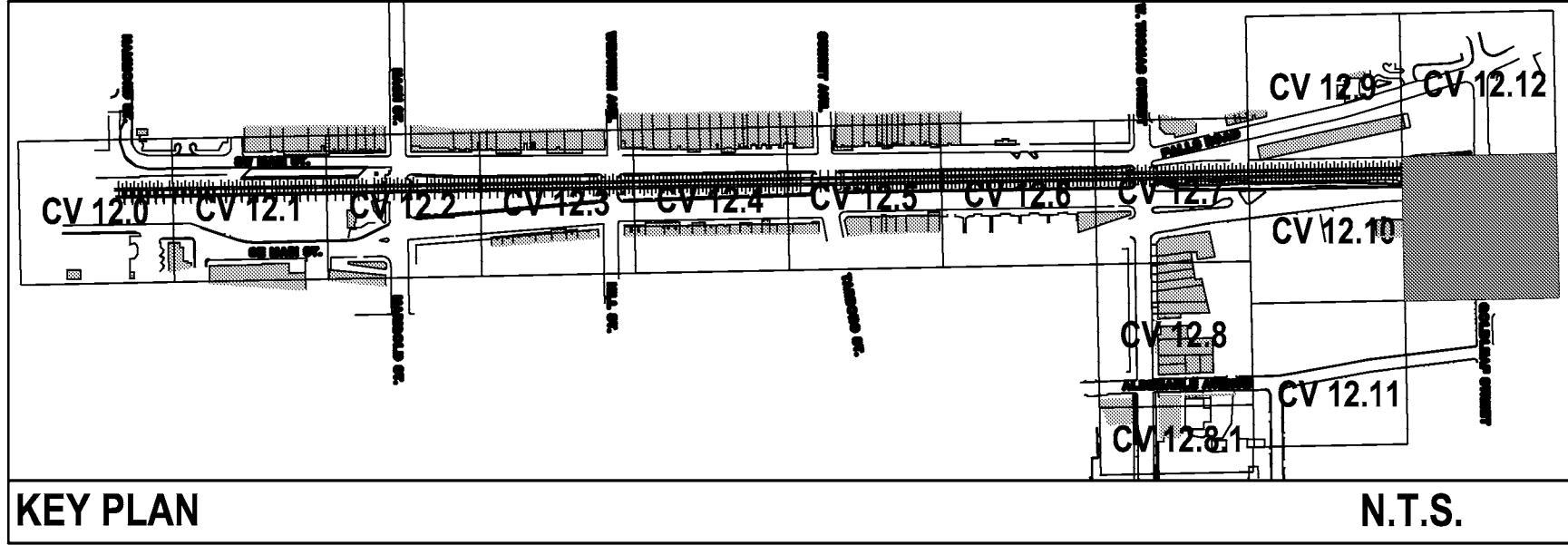
FLOW	PIPE SIZE / TYPE
0-12 GPM	1 INCH CLASS-200 PVC
12-22 GPM	1-1/4 INCH CLASS-200 PVC
23-35 GPM	1-1/2 INCH CLASS-200 PVC



SEE SHEET CV 12.14 FOR IRRIGATION NOTES AND LEGEND



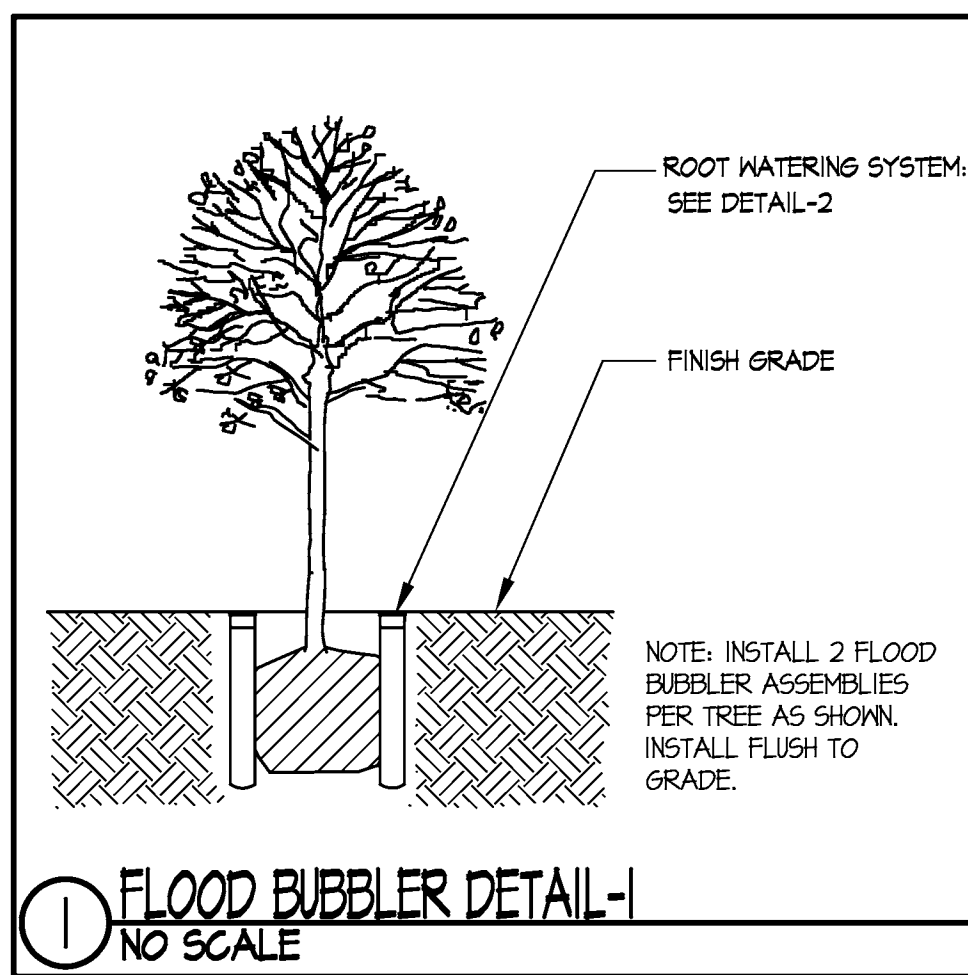
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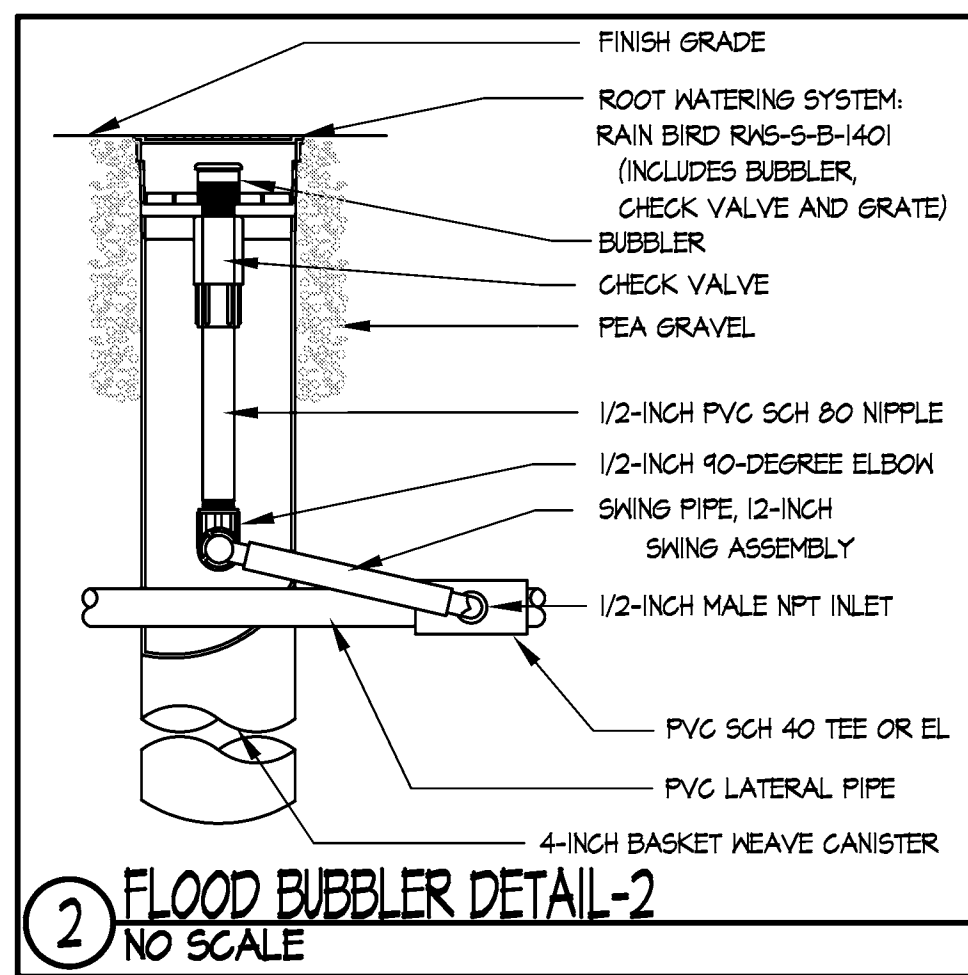
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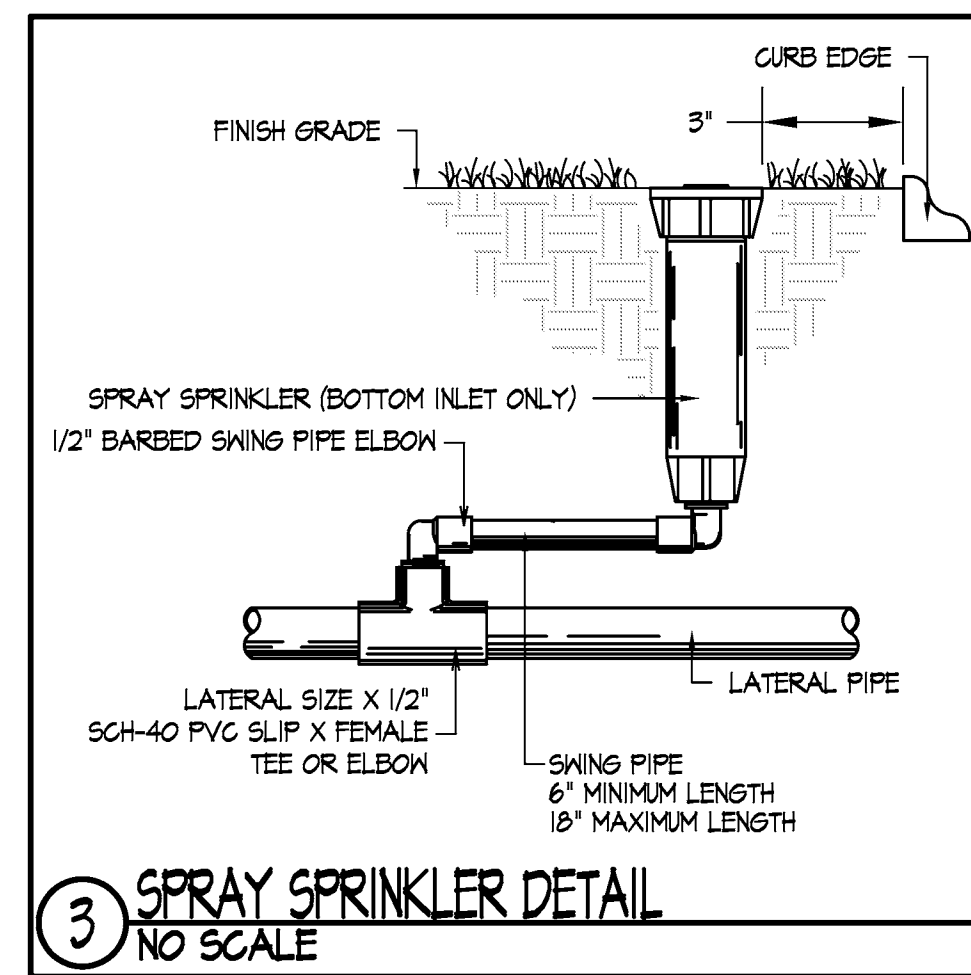
Coleman & Stone, P.A. 2008



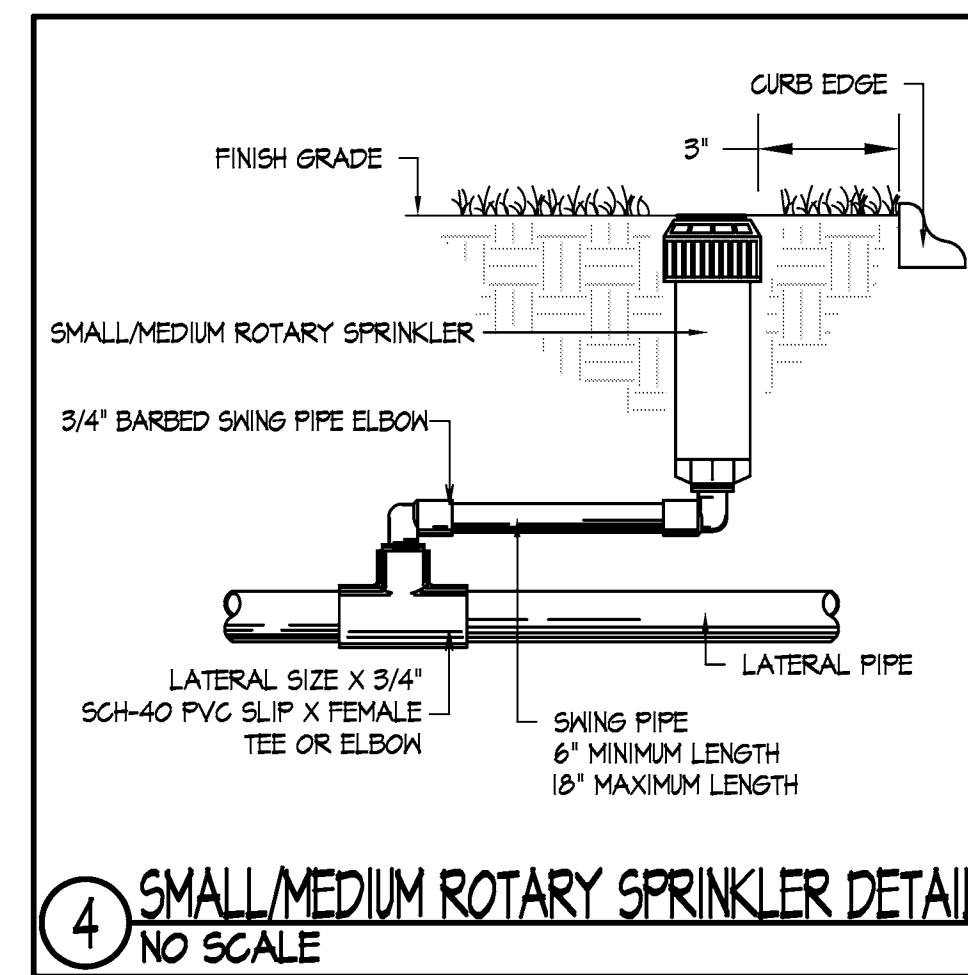
1 FLOOD BUBBLER DETAIL-1
NO SCALE



2 FLOOD BUBBLER DETAIL-2
NO SCALE

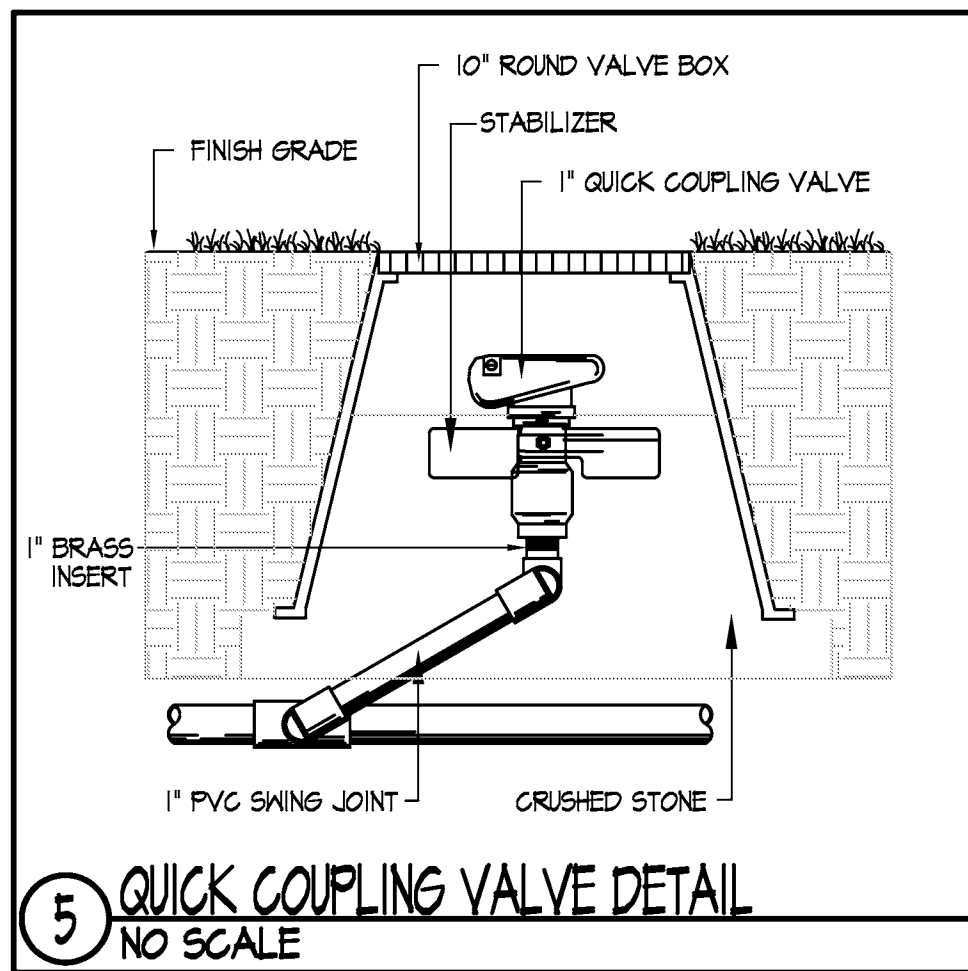


3 SPRAY SPRINKLER DETAIL
NO SCALE

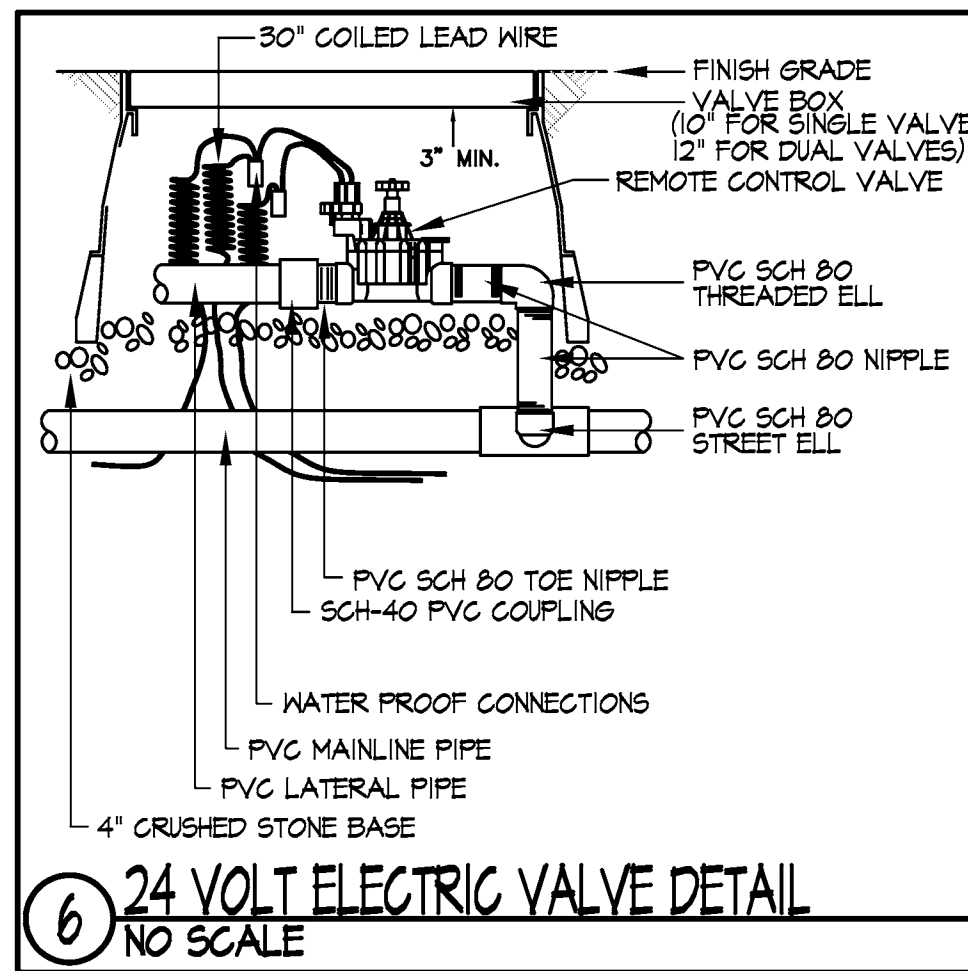


4 SMALL/MEDIUM ROTARY SPRINKLER DETAIL
NO SCALE

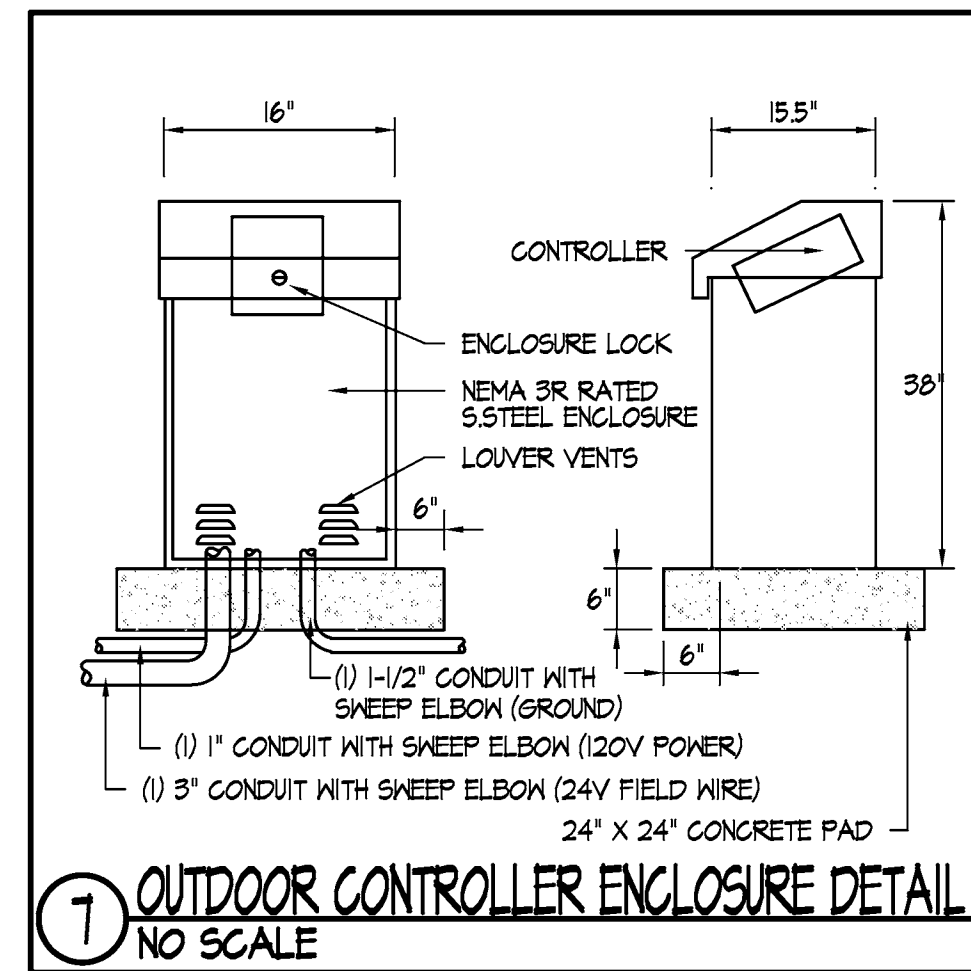
IRRIGATION LEGEND			
SYMBOL	PSI	SPACING	DESCRIPTION
	50	35'	ROTARY SPRINKLER WITH CHECK VALVE (STANDARD NOZZLES)
	50	25'	
	30	15'	6-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	12'	
	30	10'	
	30	8'	
	30	4x30'	
	30	4x15'	12-INCH POP UP SPRAY SPRINKLER W/ CHECK VALVE AND PRESS. REG.
	30	15'	
	30	12'	
	30	10'	
	30	8'	
	30	4x30'	PRESSURE COMPENSATING FLOOD BUBBLER ASSEMBLY TWO FLOOD BUBBLERS PER TREE, SEE DETAILS
	30	4x15'	
			24 VOLT ELECTRIC ZONE VALVE (SEE VALVE DESIGNATOR FOR FLOW AND SIZES)
			1" QUICK COUPLING VALVE (SEE LATERAL PIPE SCHEDULE)
			CLASS-200 PVC LATERAL PIPING (SEE LATERAL PIPE SCHEDULE)
			CLASS-200 PVC MAINLINE PIPING
			CLASS-160 PVC PIPE SLEEVE (SIZE AS INDICATED) INSTALL SCH-40 PVC WIRE CONDUIT ADJACENT TO ALL MAINLINE PIPE SLEEVES, MINIMUM WIRE CONDUIT SIZE TO BE 2-INCH, UNLESS OTHERWISE NOTED. SEE SLEEVING DETAIL.
			AUTOMATIC WIRELESS RAIN SENSOR
			AUTOMATIC CONTROLLER
			1-1/2 INCH IRRIGATION WATER METER
			1-1/2 INCH BACK FLOW PREVENTION DEVICE IN ENCLOSURE
VALVE DESIGNATION:			
	STATION NO.		
	FLOW		
	VALVE SIZE		



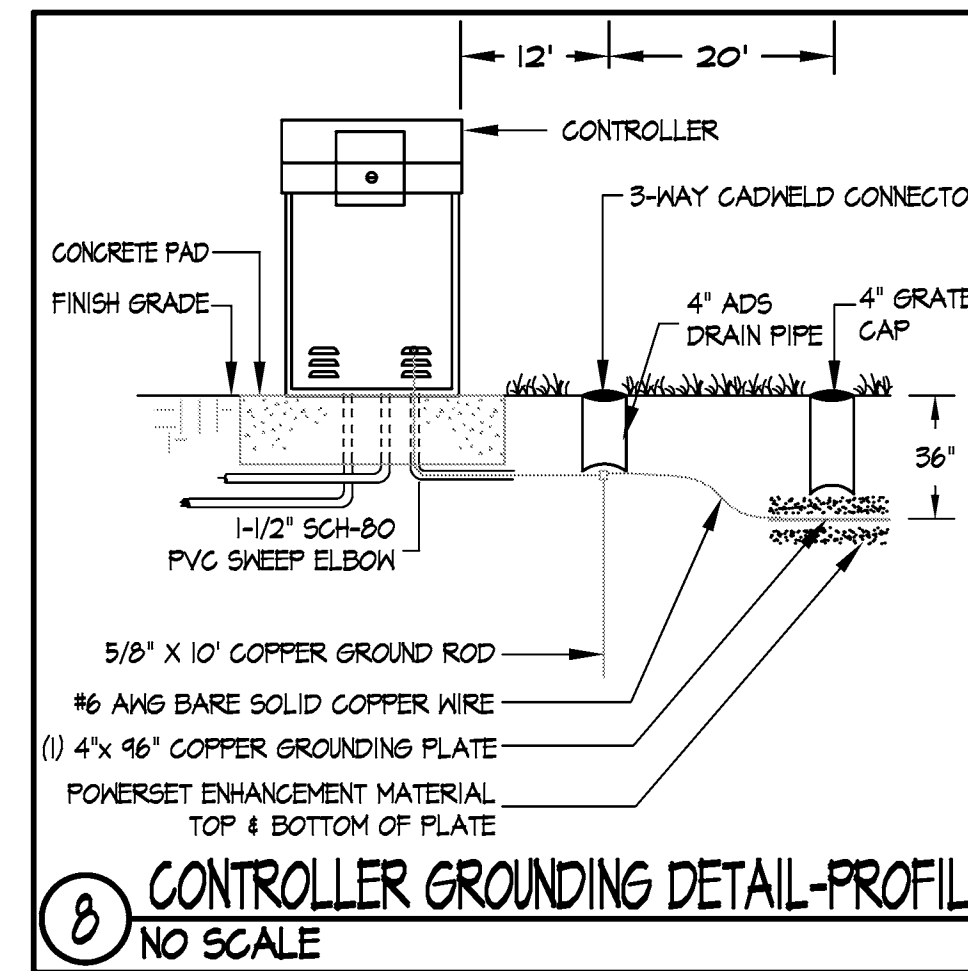
5 QUICK COUPLING VALVE DETAIL
NO SCALE



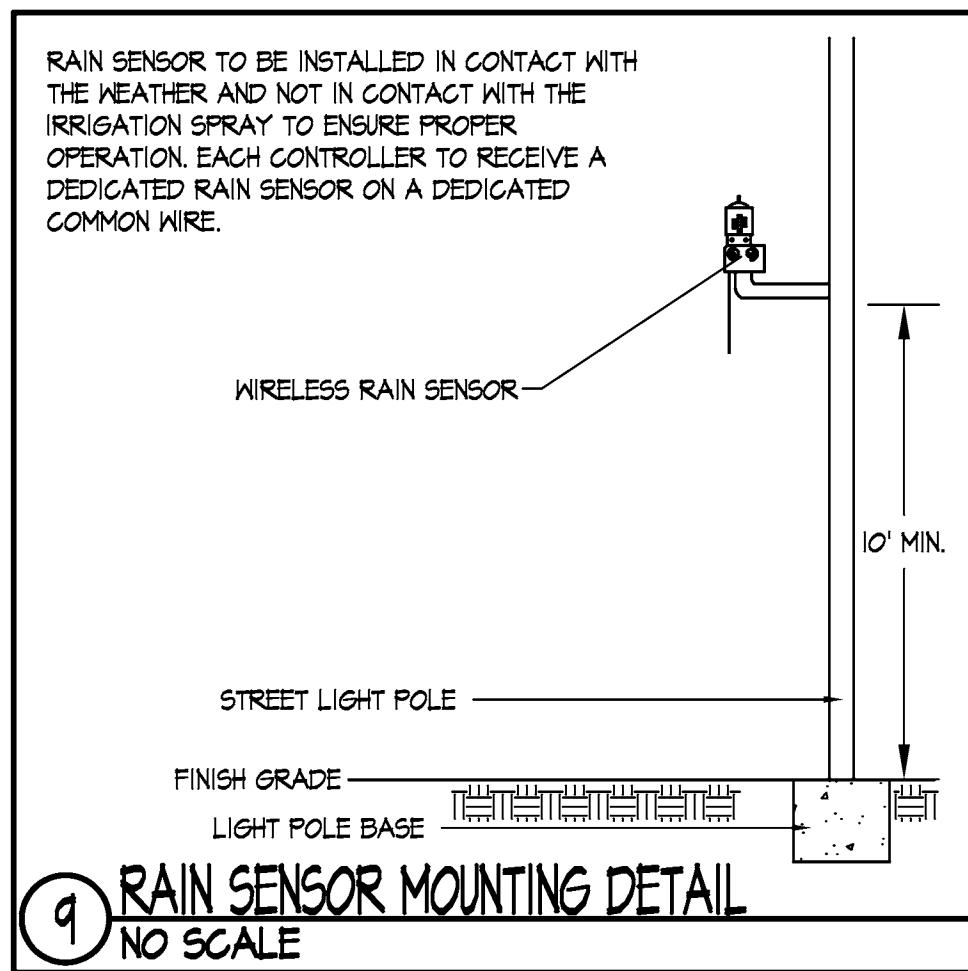
6 24 VOLT ELECTRIC VALVE DETAIL
NO SCALE



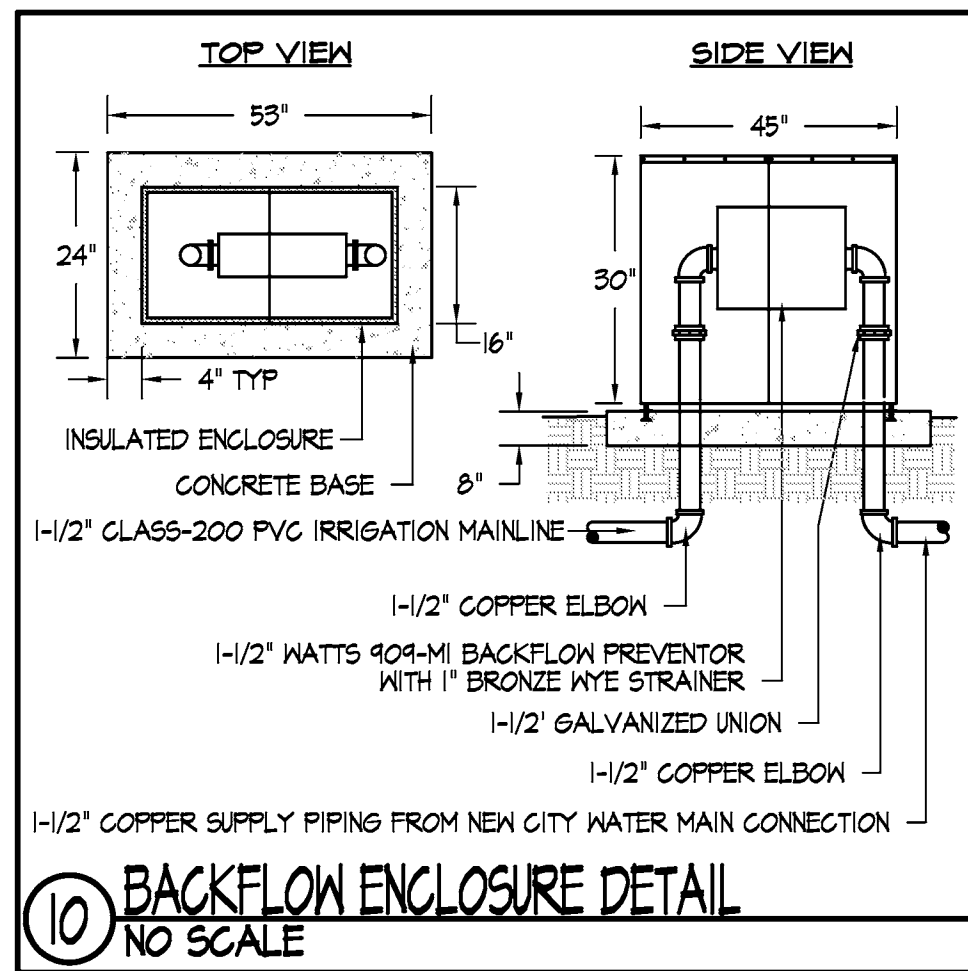
7 OUTDOOR CONTROLLER ENCLOSURE DETAIL
NO SCALE



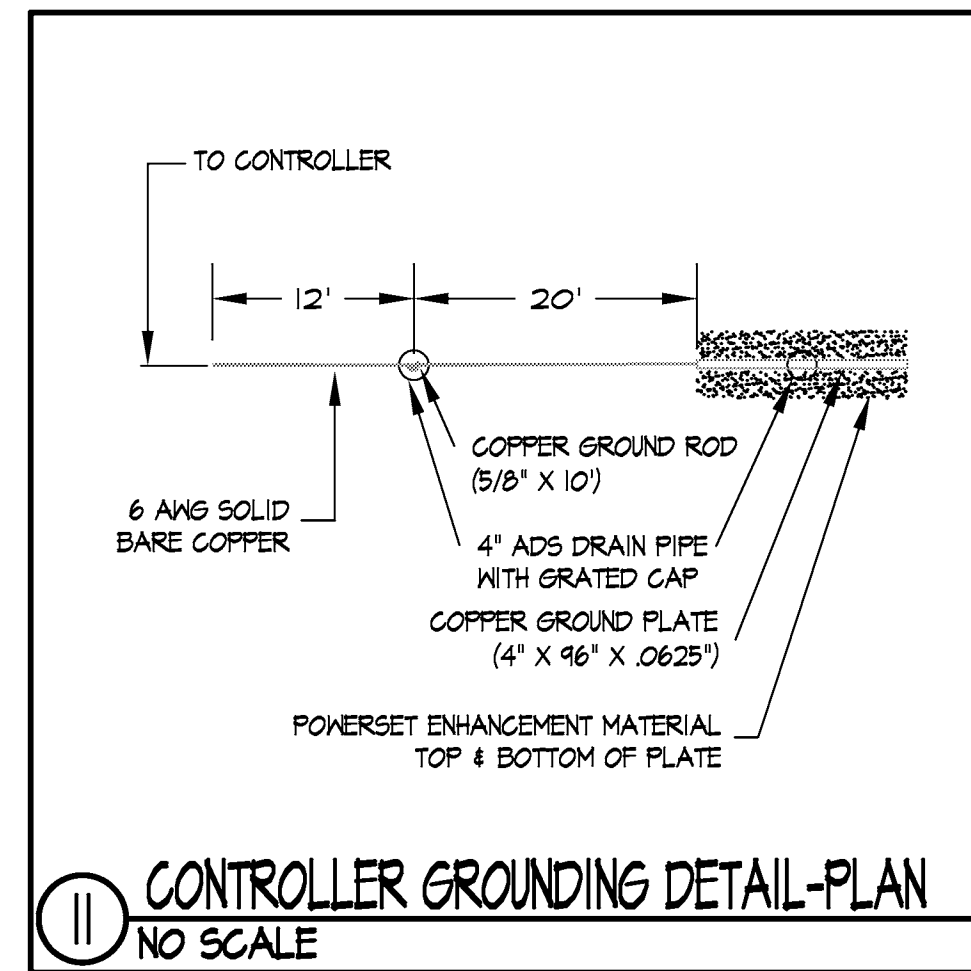
8 CONTROLLER GROUNDING DETAIL-PROFILE
NO SCALE



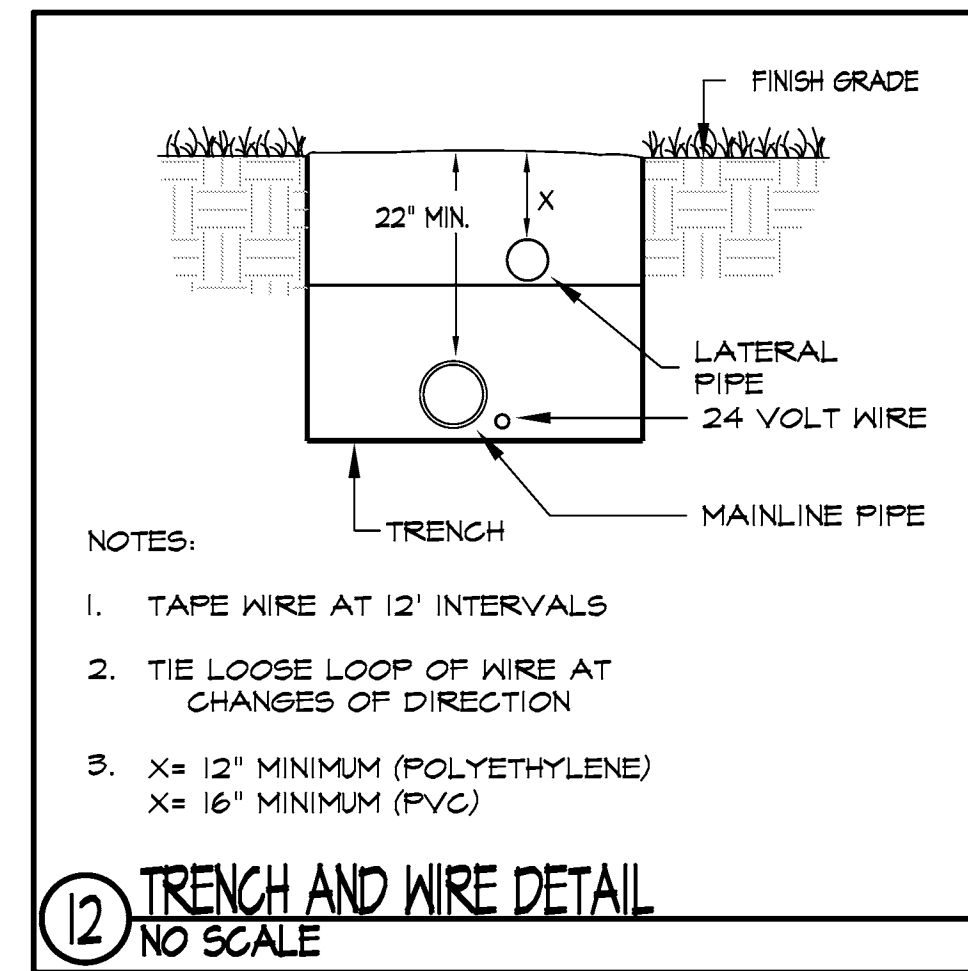
9 RAIN SENSOR MOUNTING DETAIL
NO SCALE



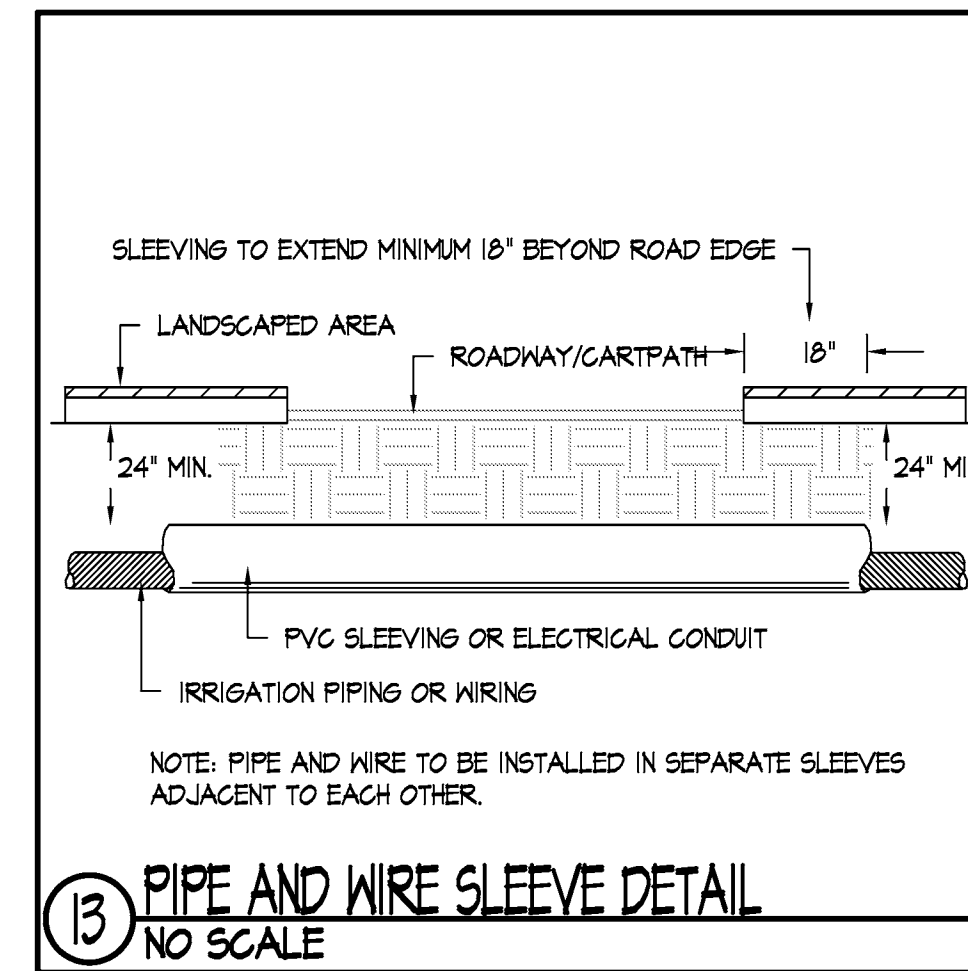
10 BACKFLOW ENCLOSURE DETAIL
NO SCALE



11 CONTROLLER GROUNDING DETAIL-PLAN
NO SCALE



12 TRENCH AND WIRE DETAIL
NO SCALE



13 PIPE AND WIRE SLEEVE DETAIL
NO SCALE

IRRIGATION NOTES

- SEE IRRIGATION DETAILS AND SPECIFICATIONS SECTION 02810 FOR ADDITIONAL REQUIRED INFORMATION.
- COORDINATE FINAL LOCATION OF ALL SPRINKLERS AND NOZZLE SELECTION W/ FINAL APPROVED LANDSCAPE.
- ALL PIPE AND VALVE LOCATIONS ARE DIAGNOSTIC, CONTRACTOR SHALL FIELD VERIFY.
- ALL VALVES AND VALVE BOXES SHALL BE PLACED, WHERE POSSIBLE, IN PLANTED AREAS UNDER MULCH.
- INSTALL ALL PIPING AS FAR FROM TREES AND ROOT BALLS AS POSSIBLE WHILE MAINTAINING SPRINKLER SPACING.
- ALL CONTROL WIRE SHALL BE #14 GAUGE SINGLE STRAND, RED FOR TURF AND LANDSCAPE ZONES ALL COMMON WIRE SHALL BE #14 GAUGE SINGLE STRAND WHITE AND ALL SPARE WIRES, INSTALLED WHERE SHOWN, SHALL BE #14 GAUGE SINGLE STRAND BLUE.
- QUICK COUPLING VALVES SHALL BE INSTALLED ON 1 INCH PVC SWING JOINTS WITH BRASS INSERTS AND STABILIZERS. (SEE DETAIL)
- ALL SPRAY SPRINKLERS SHALL BE INSTALLED ON SWING PIPE ASSEMBLIES, MIN. LENGTH TO BE 6 INCHES, 18 INCH MAXIMUM.
- IRRIGATION SYSTEMS ARE DESIGNED FOR SEPARATE WATER SUPPLIES TO PROVIDE 34 GPM MAX FROM NEW 1-1/2 INCH SERVICES. SYSTEMS TO PRODUCE 60-PSI DYNAMIC PRESSURE AT IRRIGATION CONTRACTORS POINT OF CONNECTIONS IN LANDSCAPED AREAS.

IRRIGATION NOTES

- CONTRACTOR SHALL TEST DYNAMIC PRESSURE BEFORE STARTING WORK, REPORT ANY DEVIATION FROM PRESSURE REQUIRED TO OWNER'S REPRESENTATIVE BEFORE CONTINUING.
- INSTALL CONTROLLERS IN ENCLOSURES, GENERALLY WHERE SHOWN ON THE DRAWINGS FINAL LOCATION TO BE APPROVED BY LANDSCAPE ARCHITECT. HARD WIRE TO 120 VOLT, DEDICATED 20 AMP CIRCUIT, POWER SUPPLY USING LICENSED ELECTRICIAN. ROUTE ALL ZONE AND SPARE WIRES TO CONTROLLERS VIA CONDUIT THROUGH ENCLOSURE BASE.
- INSTALL WIRELESS RAIN SENSORS ON LIGHT POLES GENERALLY WHERE SHOWN ON THE DRAWINGS. COORDINATE FINAL LOCATION WITH ELECTRICAL.
- ALL ABOVE GROUND WIRING, INSIDE AND OUTSIDE OF BUILDING, SHALL BE INSTALLED IN RIGID, METALLIC CONDUIT FOR VANDALISM PROTECTION.
- COORDINATE LOCATION OF ALL EXISTING AND FUTURE UTILITIES ON SITE AND CONTACT PROPER AUTHORITIES AND UTILITY COMPANIES BEFORE THE START OF WORK.
- SPRAY SPRINKLERS FOR TURF SHALL HAVE 6 INCH POP UP HEIGHT, GROUND COVER SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT, SHRUB SPRINKLERS SHALL HAVE 12 INCH POP UP HEIGHT.
- CONTRACTOR MUST SUBMIT SHOP DRAWINGS AS PER THE WRITTEN SPECIFICATIONS TO THE IRRIGATION CONSULTANT FOR APPROVAL PRIOR TO ORDERING MATERIAL AND BEGINNING WORK.

IRRIGATION NOTES

- ANY AND ALL MATERIAL SUBSTITUTIONS WHICH VARY FROM THE SPECIFIED PRODUCTS MUST BE SUBMITTED TO THE IRRIGATION CONSULTANT FOR APPROVAL AS PART OF THE SUBMITTAL PROCESS.
- ONCE APPROVED SUBMITTALS HAVE BEEN RETURNED TO THE CONTRACTOR, WORK MAY BEGIN. THE IRRIGATION CONSULTANT MUST BE NOTIFIED A MINIMUM OF 7-DAYS IN ADVANCE OF THE START OF WORK TO COORDINATE ON-SITE SUPERVISION AND ADMINISTRATION.

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Harris & Associates, Inc.
Construction
Consultants

elm

HNTB

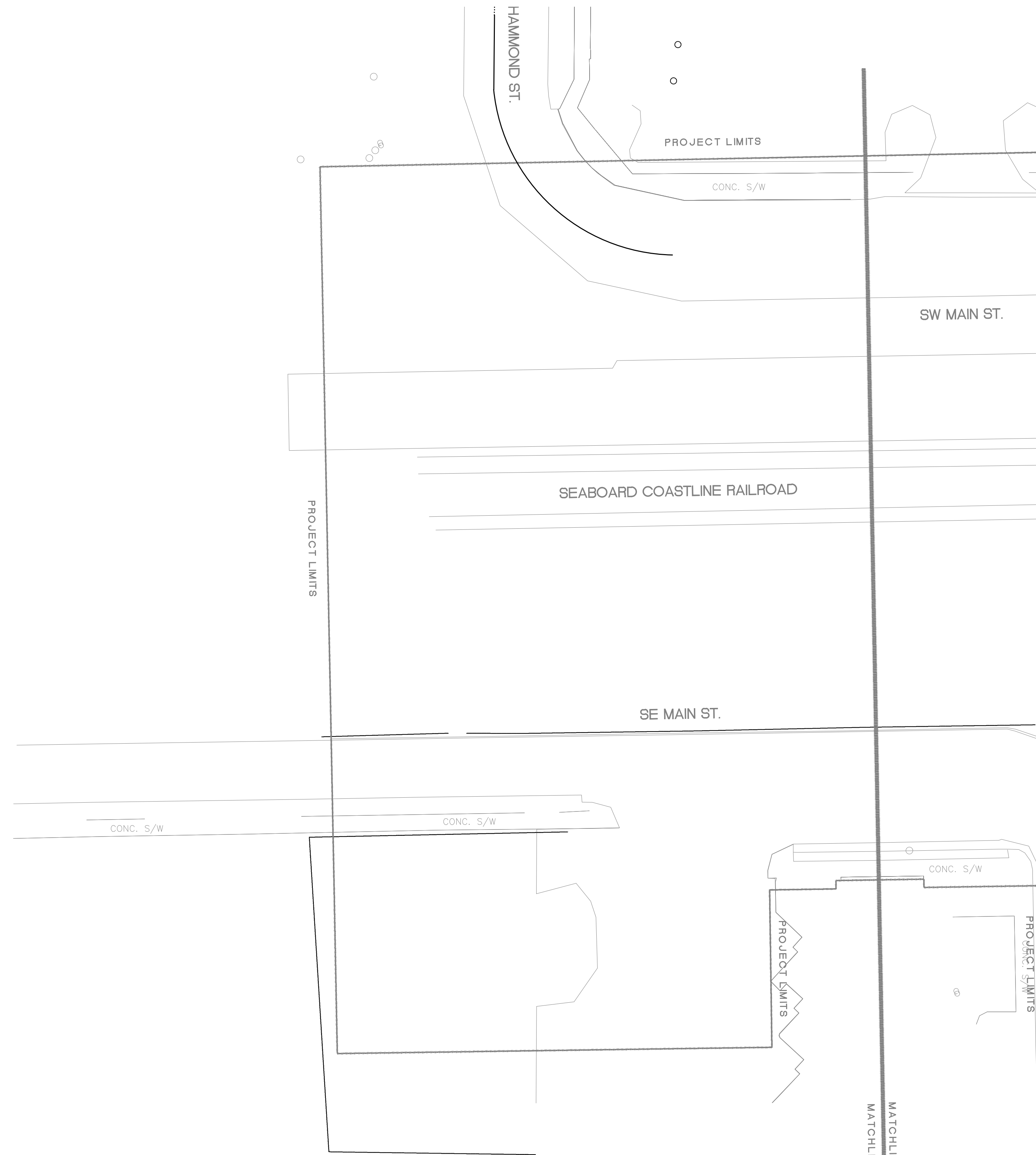
City of Rocky Mount
NORTH CAROLINA

**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

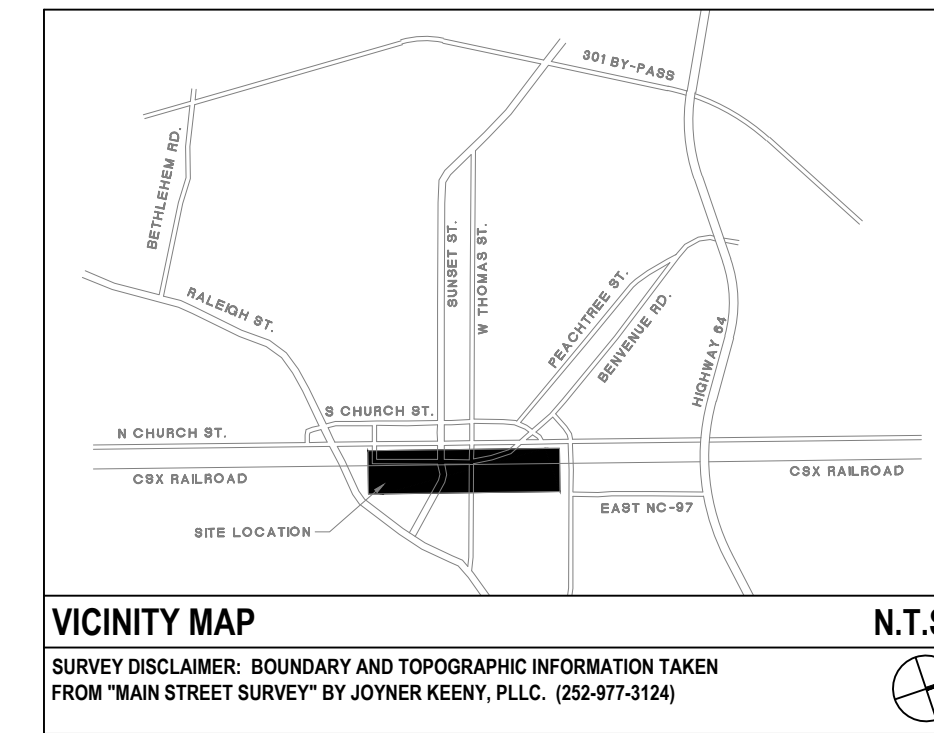
**IRRIGATION
DETAILS**



- PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUIT AND CONDUIT SIZE
- - - - - PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
- PROPOSED CRM PRIMARY 2" CONDUIT
- · · · · PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
- [PB] PROPOSED JUNCTION BOX LOCATION
- EXISTING CRM OVERHEAD PRIMARY
- - - - - PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
- · · · · PROPOSED COMMUNICATION 2" CONDUIT
- [T1] PROPOSED TRANSFORMER LOCATION
- [M] PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
- [CC] [A] [C] PROPOSED VENDOR RECEPTACLE LOCATION



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6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
[A]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
[C]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
[CC]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) TWIST-LOCK 250V, 60A, 3-POLE 4-WIRE GROUNDING RECEPTACLE TO MATCH MOBILE POLICE STATION COMMAND CENTER PLUG CONNECTION.
	PEDESTAL MOUNTED RECEPTACLE
	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
	CONDUCTORS ROUTED THROUGH UNDERGROUND CONDUIT. PROPOSED CONDUIT ROUTING SHOWN. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.

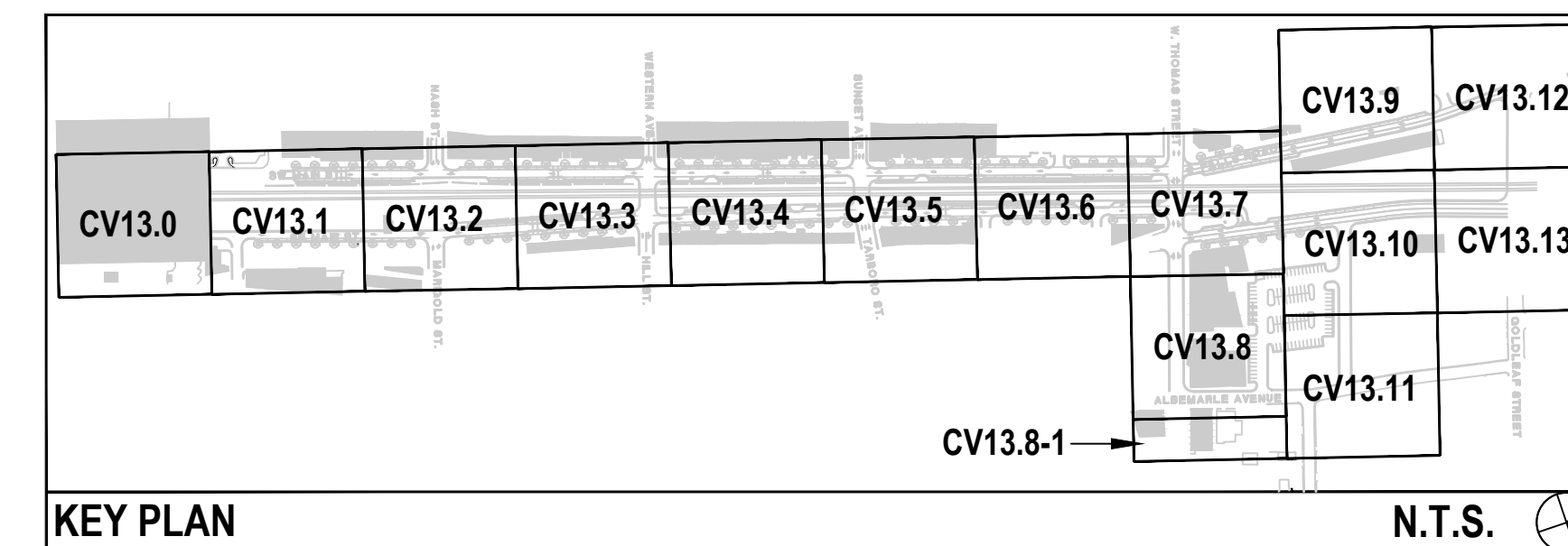
*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

GENERAL NOTES:

1. ALL ELECTRICAL LINES SERVING NEW PEDESTRIAN LEVEL STREET LIGHTS, VENDOR RECEPTACLES, TREE WELL RECEPTACLES AND CRM'S WILL BE LOCATED UNDERGROUND.
2. PROVIDE HAND HOLES AS NECESSARY FOR ROUTING CONDUCTORS UNDER GROUND.
3. CONNECT POLE-MOUNTED RECEPTACLE TO CIRCUIT NUMBER INDICATED ADJACENT TO LUMINAIRE. PROVIDE NEUTRAL CONDUCTOR AT EVERY LUMINAIRE FOR CONNECTION TO RECEPTACLE.
4. PROVIDE CONTACTOR AND PHOTOCCELL CONTROLS AT EACH POWER DISTRIBUTION BOX FOR EACH GROUP OF LUMINAIRES SERVED FROM PANEL. SEE CV13.14 FOR WIRING DIAGRAM.
5. CONNECT RECEPTACLE TO LUMINAIRE CIRCUIT INDICATED, OR CONNECT TO FIRST CIRCUIT NUMBER WHERE TWO PHASE CONDUCTORS ARE INDICATED.
6. SEE PLANTING PLAN FOR TREE LOCATIONS.
7. REFER TO STREET SCAPE DEMOLITION PLANS FOR EXISTING POLES TO REMAIN OR TO BE REMOVED.
8. PROVIDE STAINLESS STEEL HOFFMAN WATERSHED WS SERIES LOCKABLE ENCLOSURE TO PROTECT PANELS, CONTROLS, AND RELAYS FOR EACH ASSOCIATED TRANSFORMER DISTRIBUTION CABINET.
9. PROVIDE SPARES AND CONDUIT FOR CIRCUITS SHOWN IN EACH DEDUCTIVE ALTERNATE AREAS IF DEDUCTIVE ALTERNATE IS ACCEPTED. PROVIDE CONDUIT UP TO EDGE OF DEDUCTIVE ALTERNATE WHERE A PORTION OF THE CIRCUIT IS WITHIN DEDUCTIVE ALTERNATE AREA.
10. COORDINATE AND CONFIRM FINAL LOCATION OF STREET LIGHT WITH ELECTRICAL ENGINEER AND LANDSCAPE ARCHITECT IN THE EVENT A PROPOSED LIGHT POLE LOCATION IS IN CONFLICT WITH AN EXISTING OR PROPOSED UTILITY.

KEY NOTES:

- [1] PROVIDE LARGE SCREW-IN BASE.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

ELECTRICAL PLAN

ELM PROJECT NUMBER:

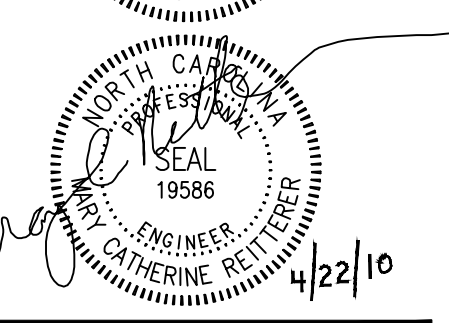
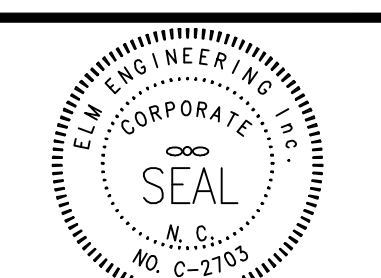
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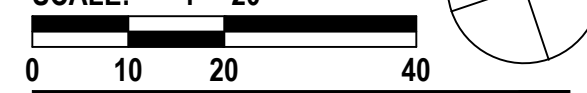
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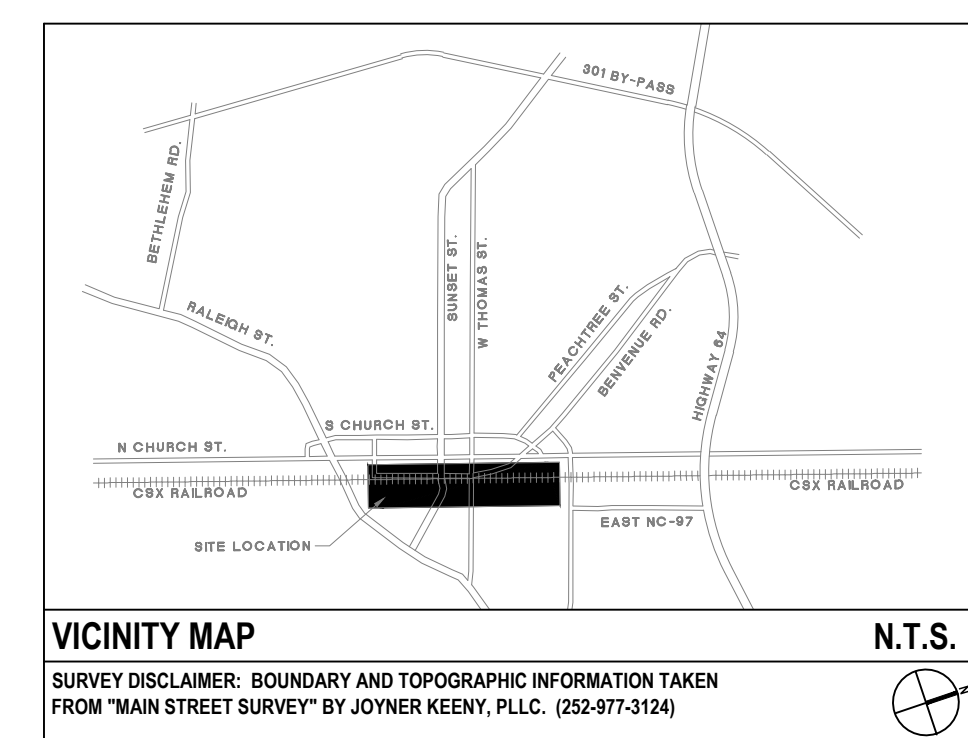
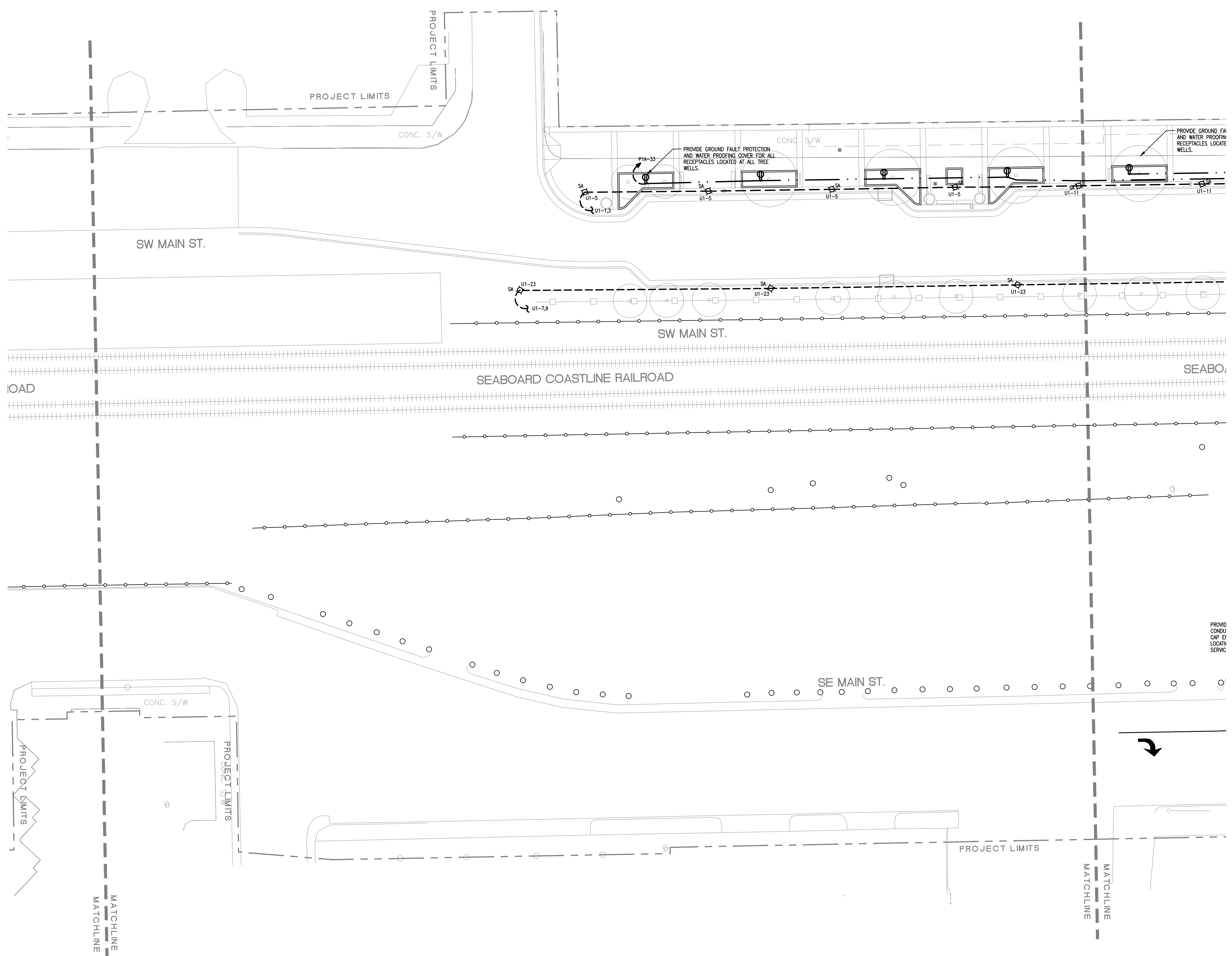


SCALE: 1"= 20'



CV13.0

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ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) TWIST-LOCK 250V, 60A, 3-POLE 4-WIRE GROUNDING RECEPTACLE TO MATCH MOBILE POLICE STATION COMMAND CENTER PLUG CONNECTION.
	PEDESTAL MOUNTED RECEPTACLE
	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
	CONDUCTORS ROUTED THROUGH UNDERGROUND CONDUIT. PROPOSED CONDUIT ROUTING SHOWN, CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.

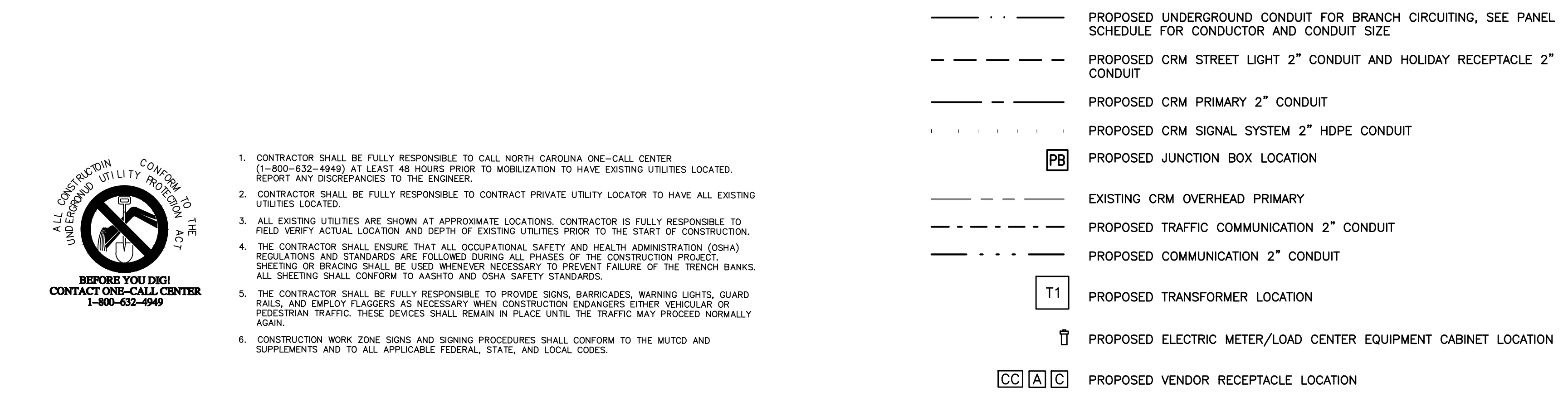
*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

GENERAL NOTES:

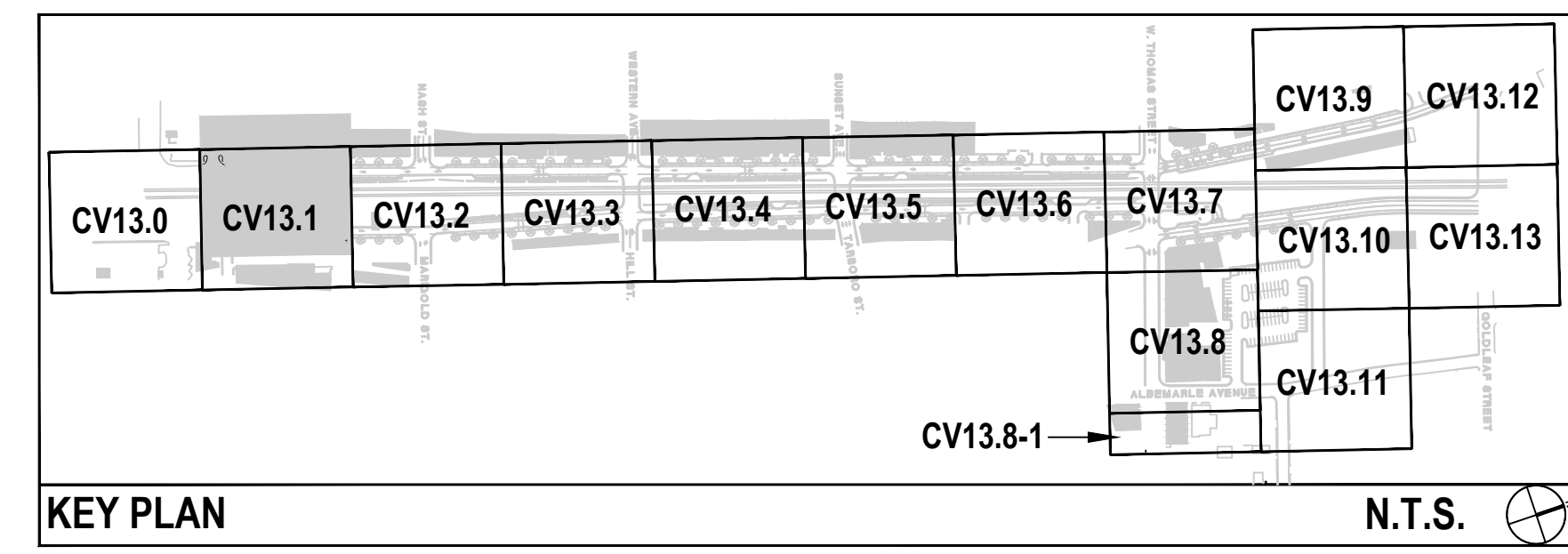
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KEY NOTES:

-



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO HAVE ALL EXISTING UTILITIES LOCATED.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO ASHTO AND OSHA SAFETY STANDARDS.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

ELECTRICAL PLAN

ELM PROJECT NUMBER:

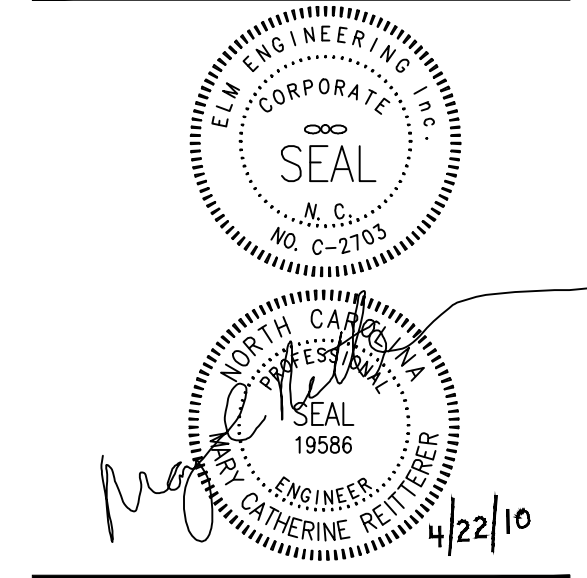
208015.00

ISSUED:

04.22.10

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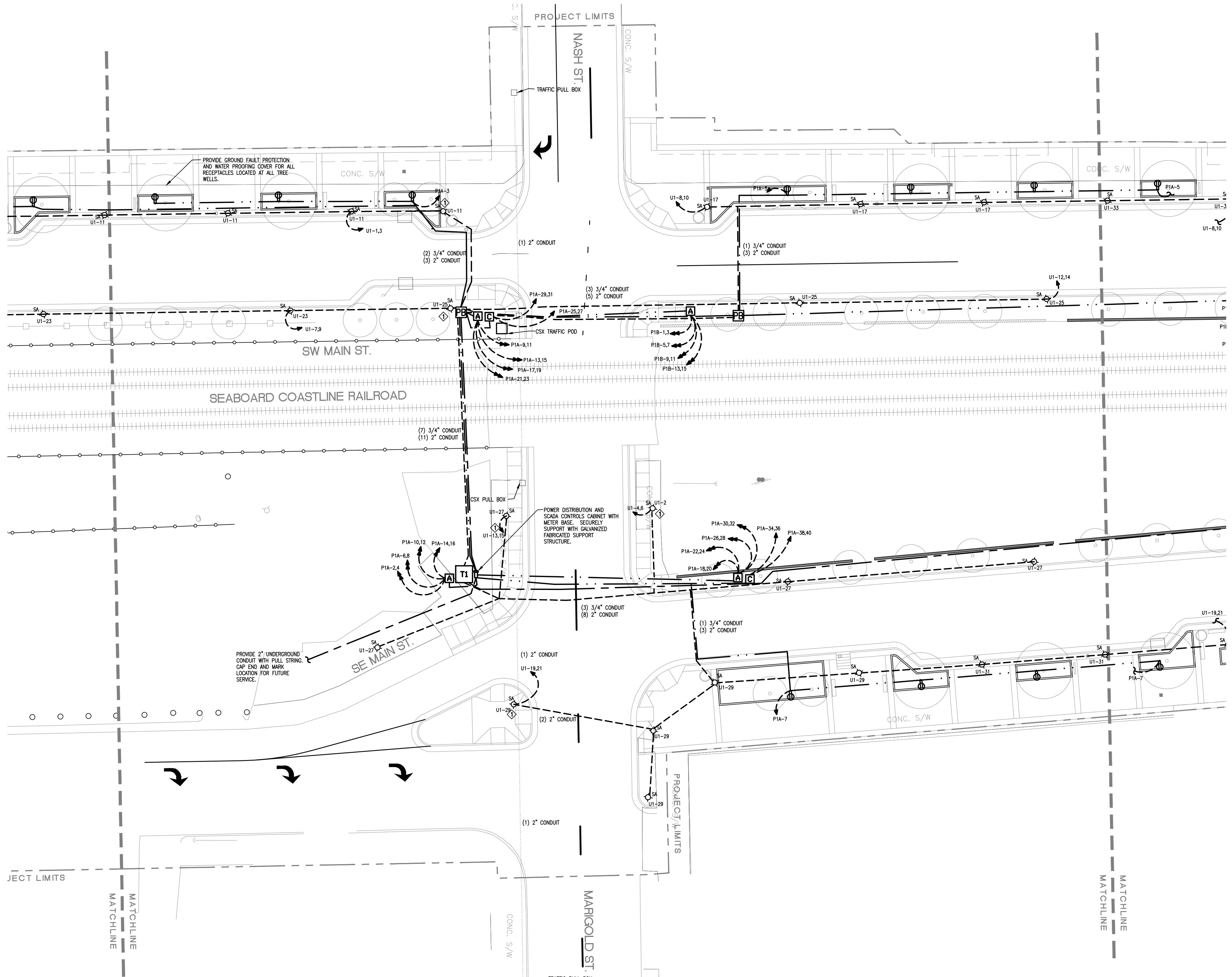


SCALE: 1"= 20'

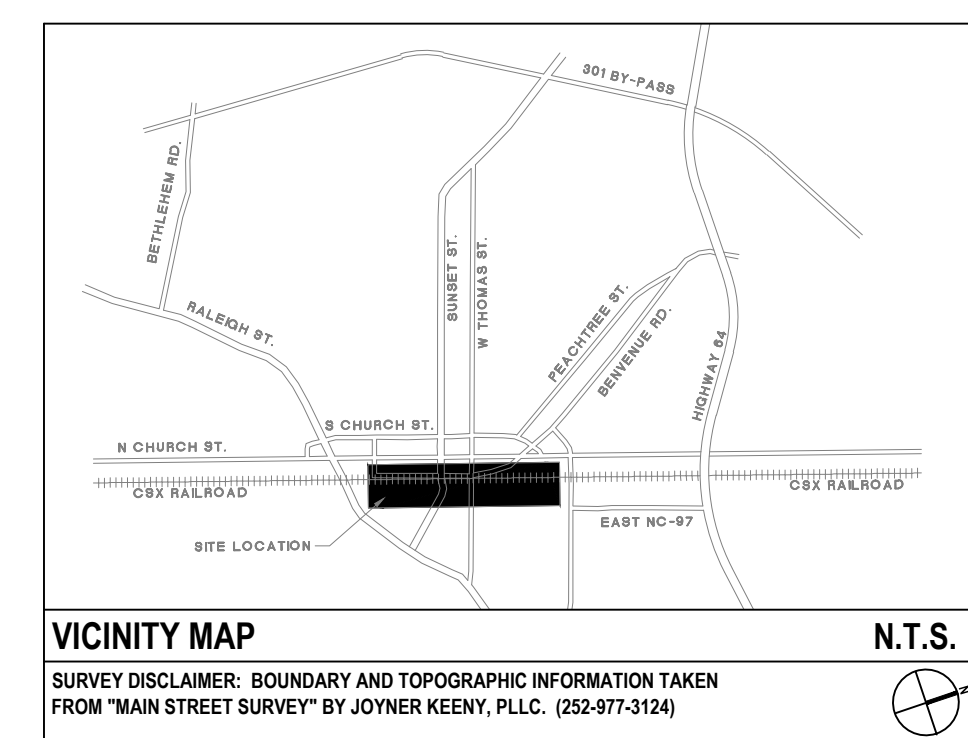


CV13.1

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- PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUIT AND CONDUIT SIZE
- PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
- PROPOSED CRM PRIMARY 2" CONDUIT
- PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
- PROPOSED JUNCTION BOX LOCATION
- EXISTING CRM OVERHEAD PRIMARY
- PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
- PROPOSED COMMUNICATION 2" CONDUIT
- PROPOSED TRANSFORMER LOCATION
- PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
- PROPOSED VENDOR RECEPTACLE LOCATION
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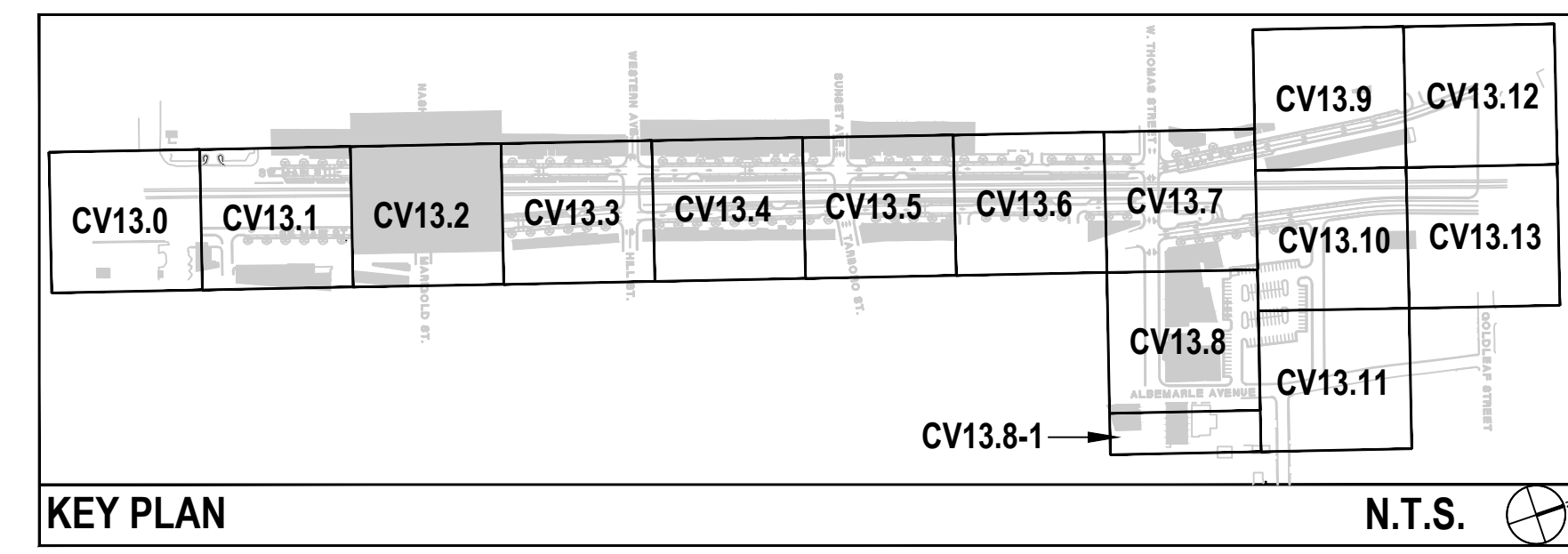
*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

GENERAL NOTES:

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KEY NOTES:

- PROVIDE LARGE SCREW-IN BASE.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

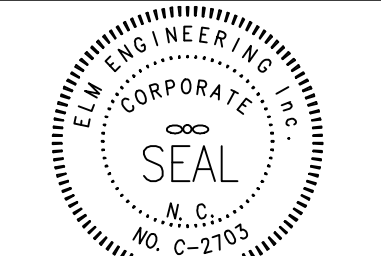
ELECTRICAL PLAN

ELM PROJECT NUMBER:
208015.00

ISSUED:
04.22.10

REVISED: # COMMENTS:

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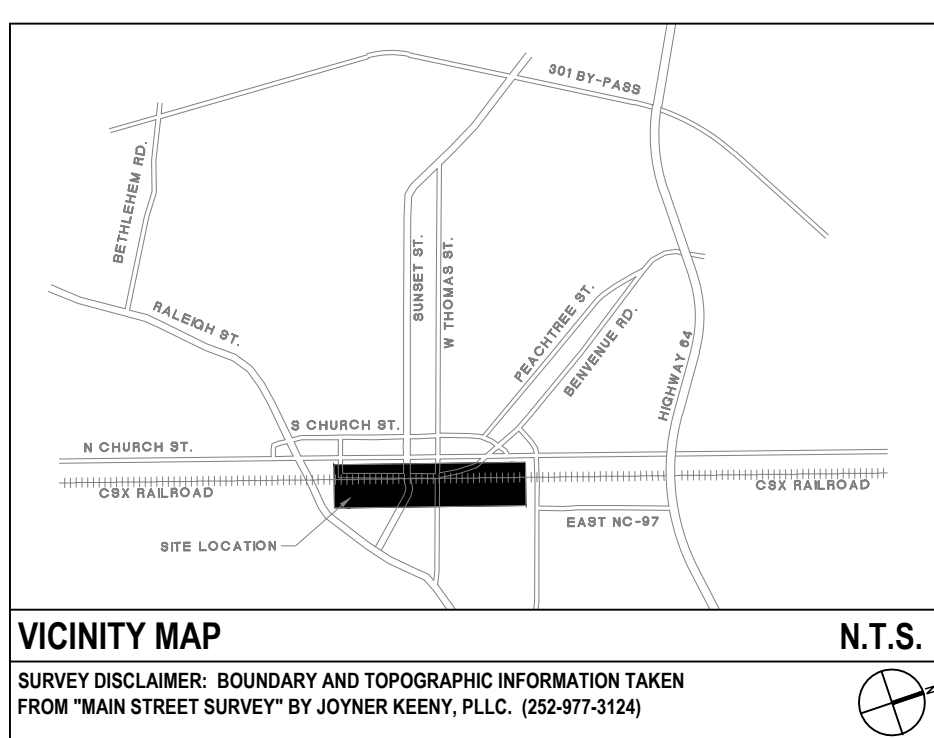
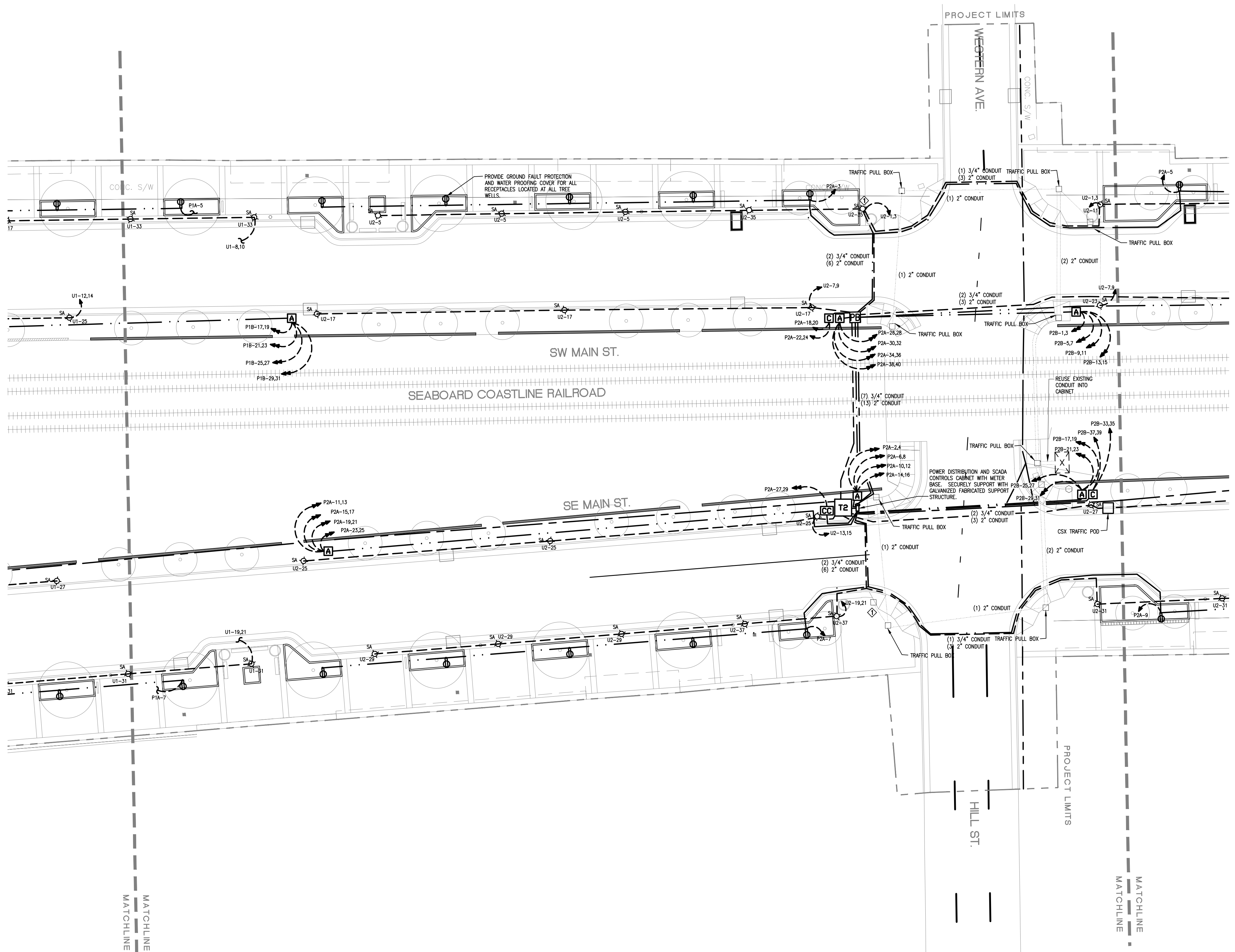


DATE: 4/22/10

SCALE: 1"= 20'

CV13.2

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ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
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*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

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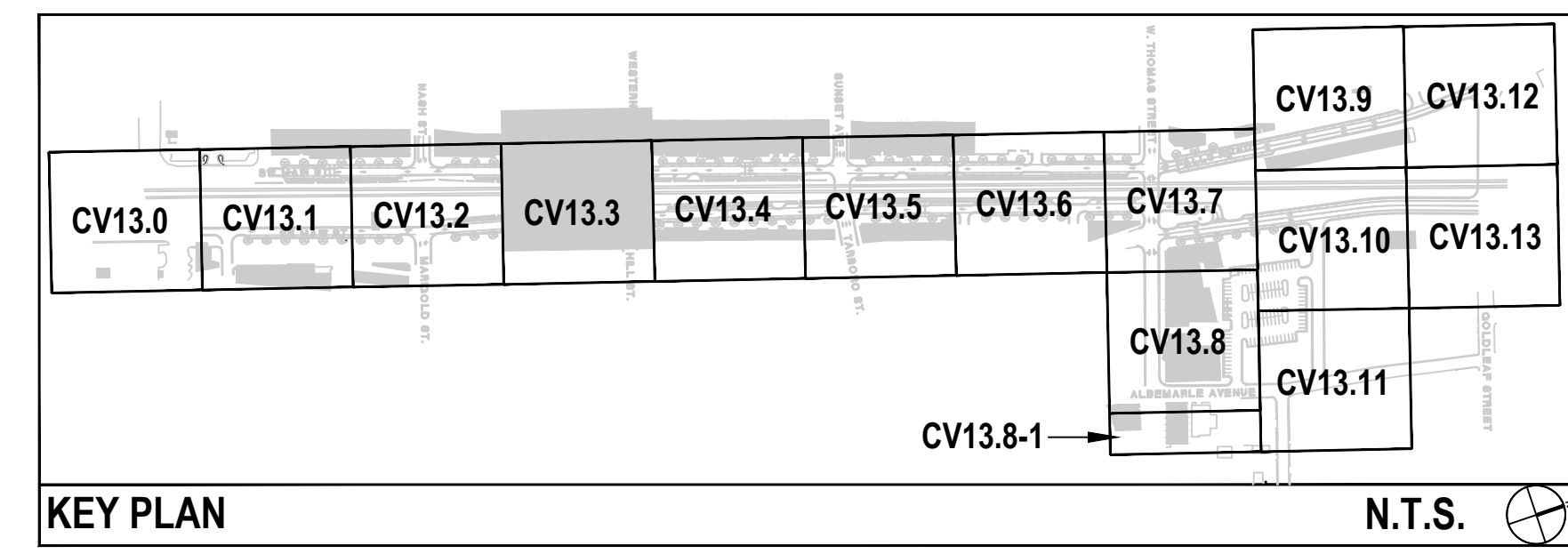
KEY NOTES:

PROVIDE LARGE SCREW-IN BASE.

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- PROPOSED VENDOR RECEPTACLE LOCATION



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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II
ISSUED FOR BIDDING

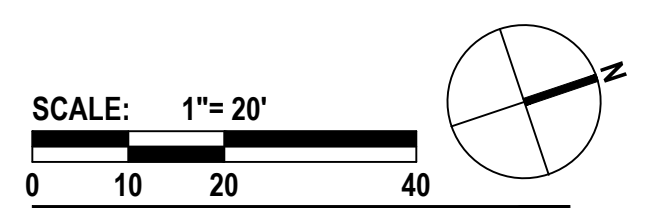
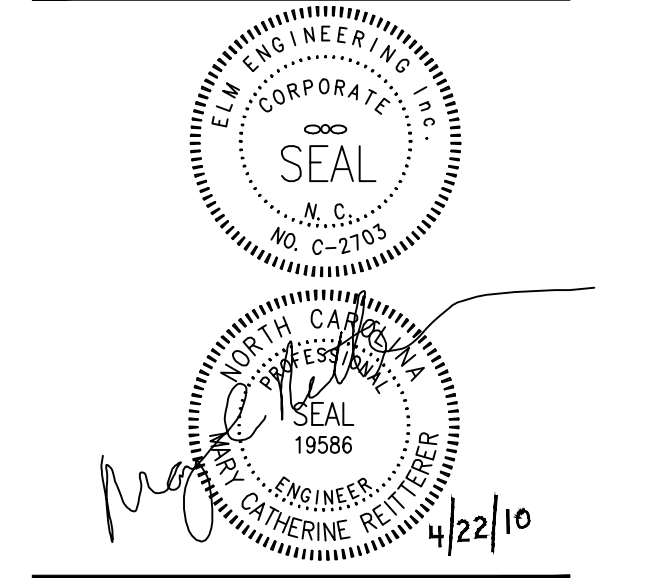
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ELM PROJECT NUMBER:
208015.00

ISSUED:
04.22.10

REVISED: # COMMENTS:

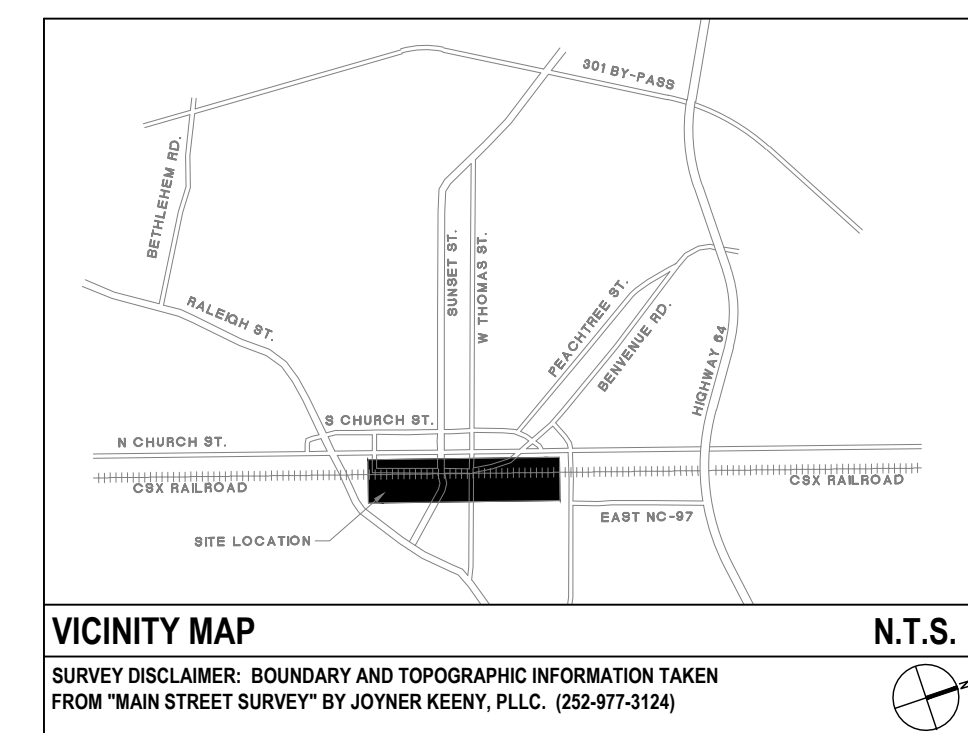
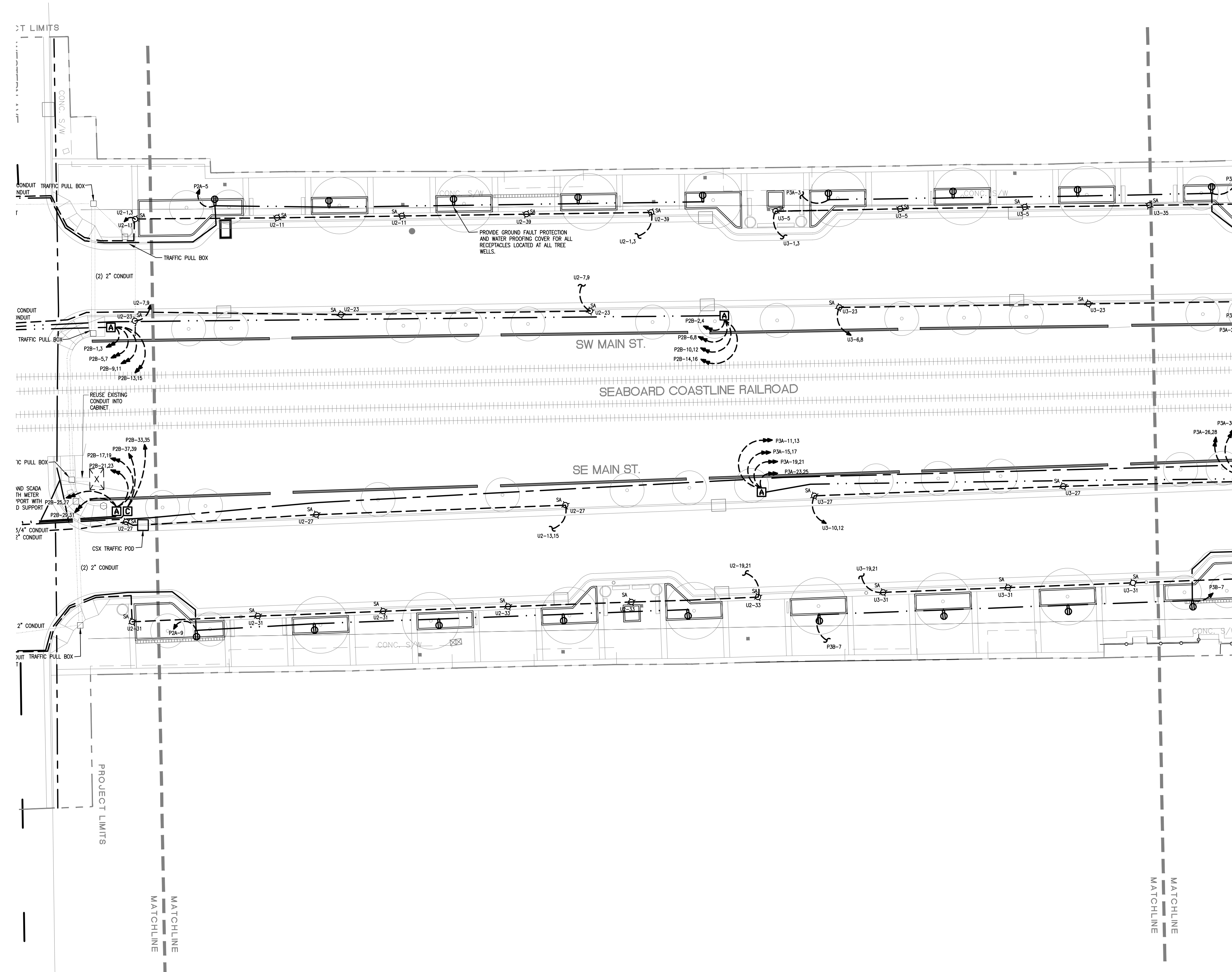
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CV13.3

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ELECTRICAL LEGEND:

☉	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
[A]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
[C]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
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- REFER TO STREET SCAPE DEMOLITION PLANS FOR EXISTING POLES TO REMAIN OR TO BE REMOVED.
- PROVIDE STAINLESS STEEL HOFFMAN WATERSHED WS SERIES LOCKABLE ENCLOSURE TO PROTECT PANELS, CONTROLS, AND RELAYS FOR EACH ASSOCIATED TRANSFORMER DISTRIBUTION CABINET.
- PROVIDE SPARES AND CONDUIT FOR CIRCUITS SHOWN IN EACH DEDUCTIVE ALTERNATE AREAS IF DEDUCTIVE ALTERNATE IS ACCEPTED. PROVIDE CONDUIT UP TO EDGE OF DEDUCTIVE ALTERNATE WHERE A PORTION OF THE CIRCUIT IS WITHIN DEDUCTIVE ALTERNATE AREA.
- COORDINATE AND CONFIRM FINAL LOCATION OF STREET LIGHT WITH ELECTRICAL ENGINEER AND LANDSCAPE ARCHITECT IN THE EVENT A PROPOSED LIGHT POLE LOCATION IS IN CONFLICT WITH AN EXISTING OR PROPOSED UTILITY.

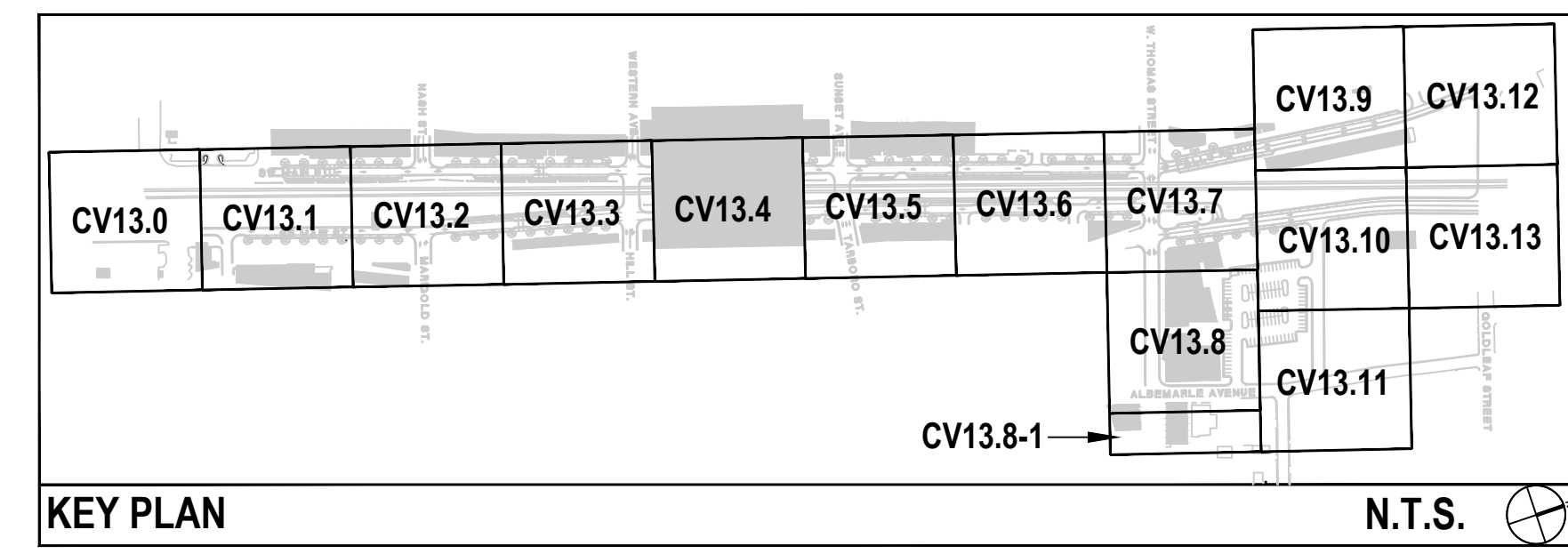
KEY NOTES:

- PROVIDE LARGE SCREW-IN BASE.



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

- · — · — · — · — · PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
- - - - - PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
- — — — — PROPOSED CRM PRIMARY 2" CONDUIT
- · · · · PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
- [PB] PROPOSED JUNCTION BOX LOCATION
- — — — — EXISTING CRM OVERHEAD PRIMARY
- - - - - PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
- · · · · PROPOSED COMMUNICATION 2" CONDUIT
- [T1] PROPOSED TRANSFORMER LOCATION
- [T] PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
- [CC][A][C] PROPOSED VENDOR RECEPTACLE LOCATION



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

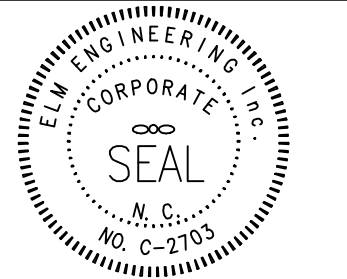
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ELM PROJECT NUMBER: 208015.00

ISSUED: 04.22.10

REVISED: # COMMENTS:

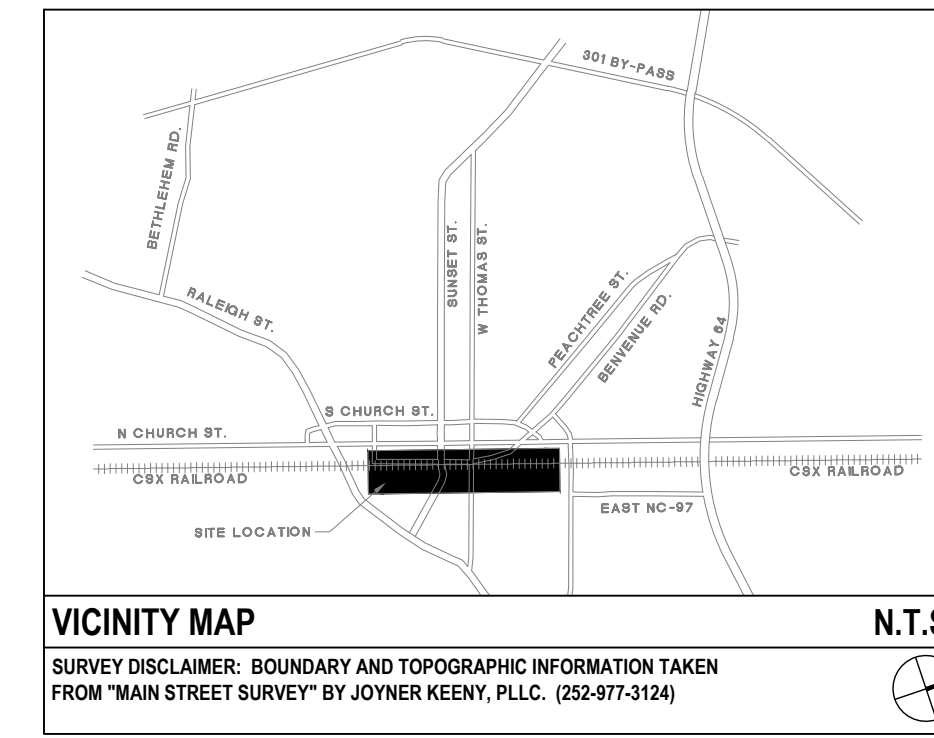
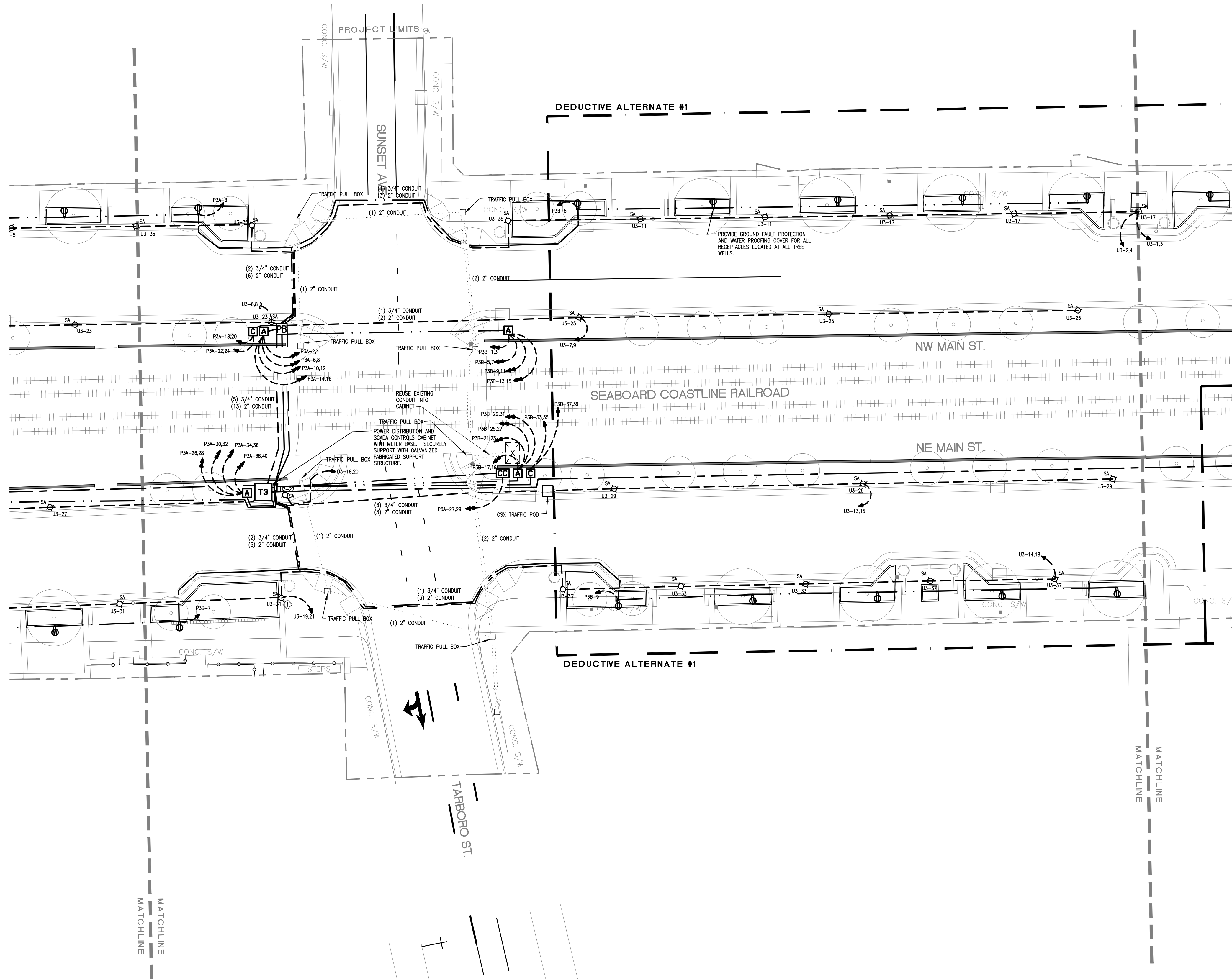
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DATE: 4/22/10
 ENGINEER: MATTHEW J. KEENER

SCALE: 1"= 20'
 0 10 20 40

CV13.4



ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) TWIST-LOCK 250V, 60A, 3-POLE 4-WIRE GROUNDING RECEPTACLE TO MATCH MOBILE POLICE STATION COMMAND CENTER PLUG CONNECTION.
	PEDESTAL MOUNTED RECEPTACLE
	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
	CONDUCTORS ROUTED THROUGH UNDERGROUND CONDUIT. PROPOSED CONDUIT ROUTING SHOWN, CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.

*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

GENERAL NOTES:

- ALL ELECTRICAL LINES SERVING NEW PEDESTRIAN LEVEL STREET LIGHTS, VENDOR RECEPTACLES, TREE WELL RECEPTACLES AND CRM'S WILL BE LOCATED UNDERGROUND.
- PROVIDE HAND HOLES AS NECESSARY FOR ROUTING CONDUCTORS UNDER GROUND.
- CONNECT POLE-MOUNTED RECEPTACLE TO CIRCUIT NUMBER INDICATED ADJACENT TO LUMINAIRE. PROVIDE NEUTRAL CONDUCTOR AT EVERY LUMINAIRE FOR CONNECTION TO RECEPTACLE.
- PROVIDE CONTACTOR AND PHOTOCCELL CONTROLS AT EACH POWER DISTRIBUTION BOX FOR EACH GROUP OF LUMINAIRES SERVED FROM PANEL. SEE CV13.14 FOR WIRING DIAGRAM.
- CONNECT RECEPTACLE TO LUMINAIRE CIRCUIT INDICATED, OR CONNECT TO FIRST CIRCUIT NUMBER WHERE TWO PHASE CONDUCTORS ARE INDICATED.
- SEE PLANTING PLAN FOR TREE LOCATIONS.
- REFER TO STREET SCAPE DEMOLITION PLANS FOR EXISTING POLES TO REMAIN OR TO BE REMOVED.
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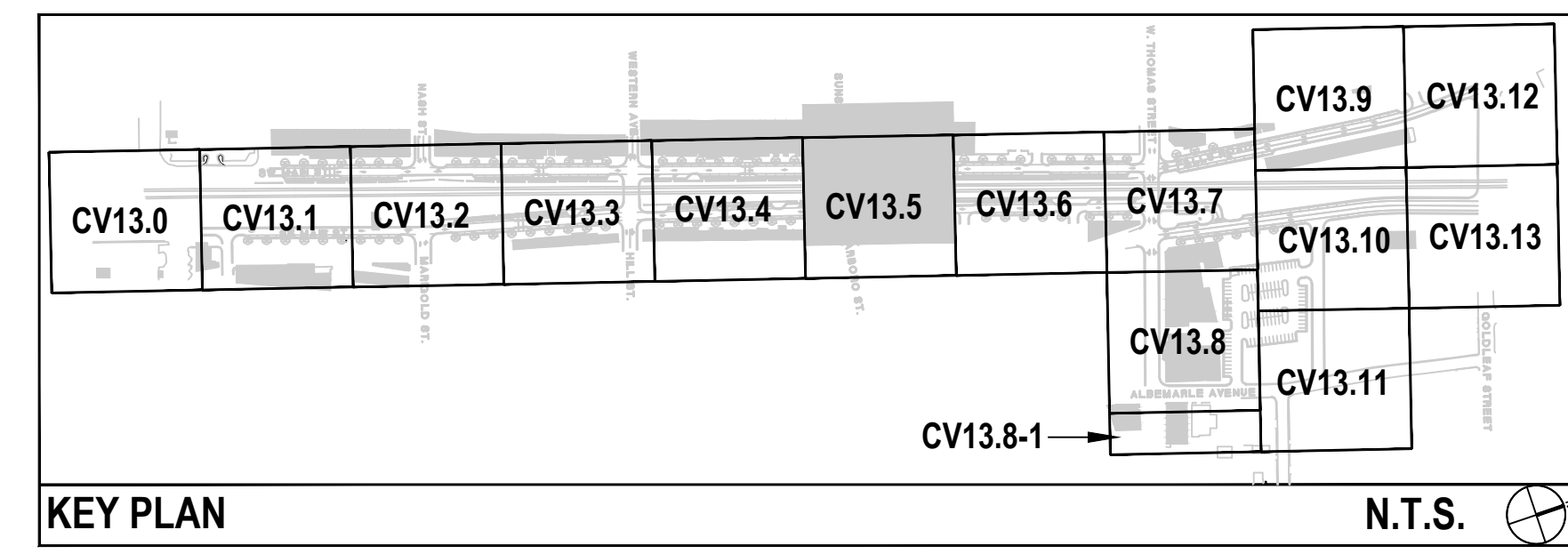
KEY NOTES:

- PROVIDE LARGE SCREW-IN BASE.

	PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
	PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
	PROPOSED CRM PRIMARY 2" CONDUIT
	PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
	PROPOSED JUNCTION BOX LOCATION
	EXISTING CRM OVERHEAD PRIMARY
	PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
	PROPOSED COMMUNICATION 2" CONDUIT
	PROPOSED TRANSFORMER LOCATION
	PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
	PROPOSED VENDOR RECEPTACLE LOCATION



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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

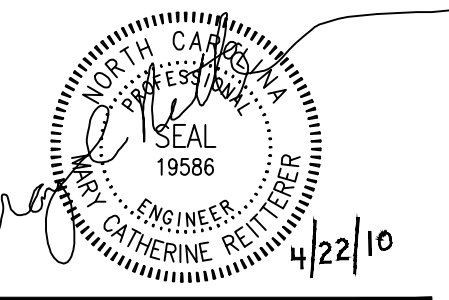
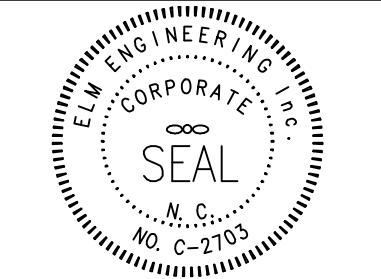
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ELM PROJECT NUMBER:
208015.00

ISSUED:
04.22.10

REVISED: # COMMENTS:

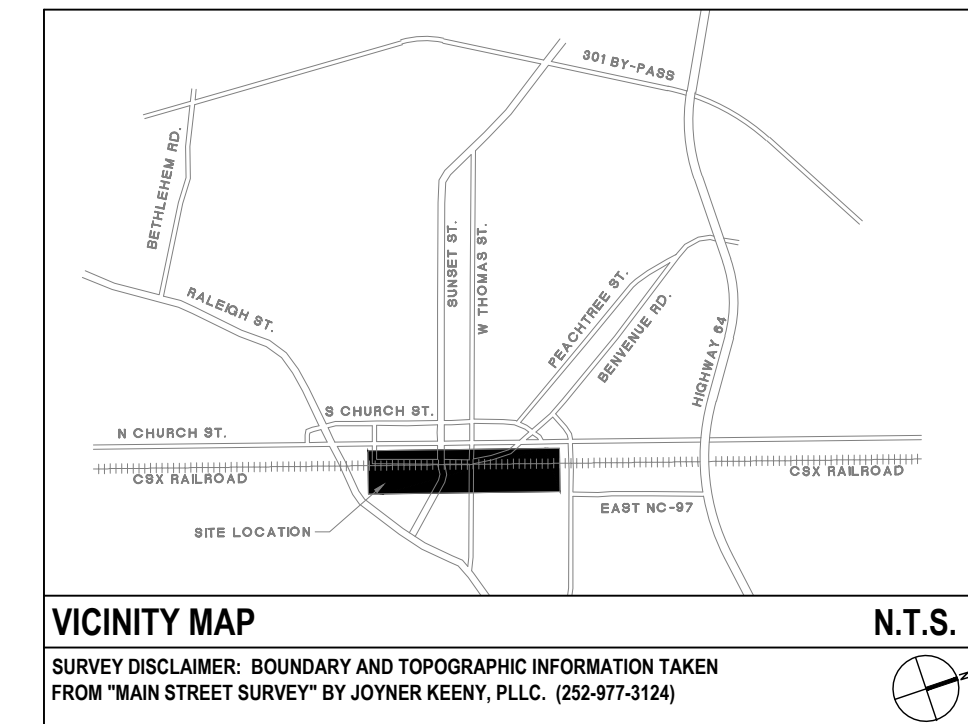
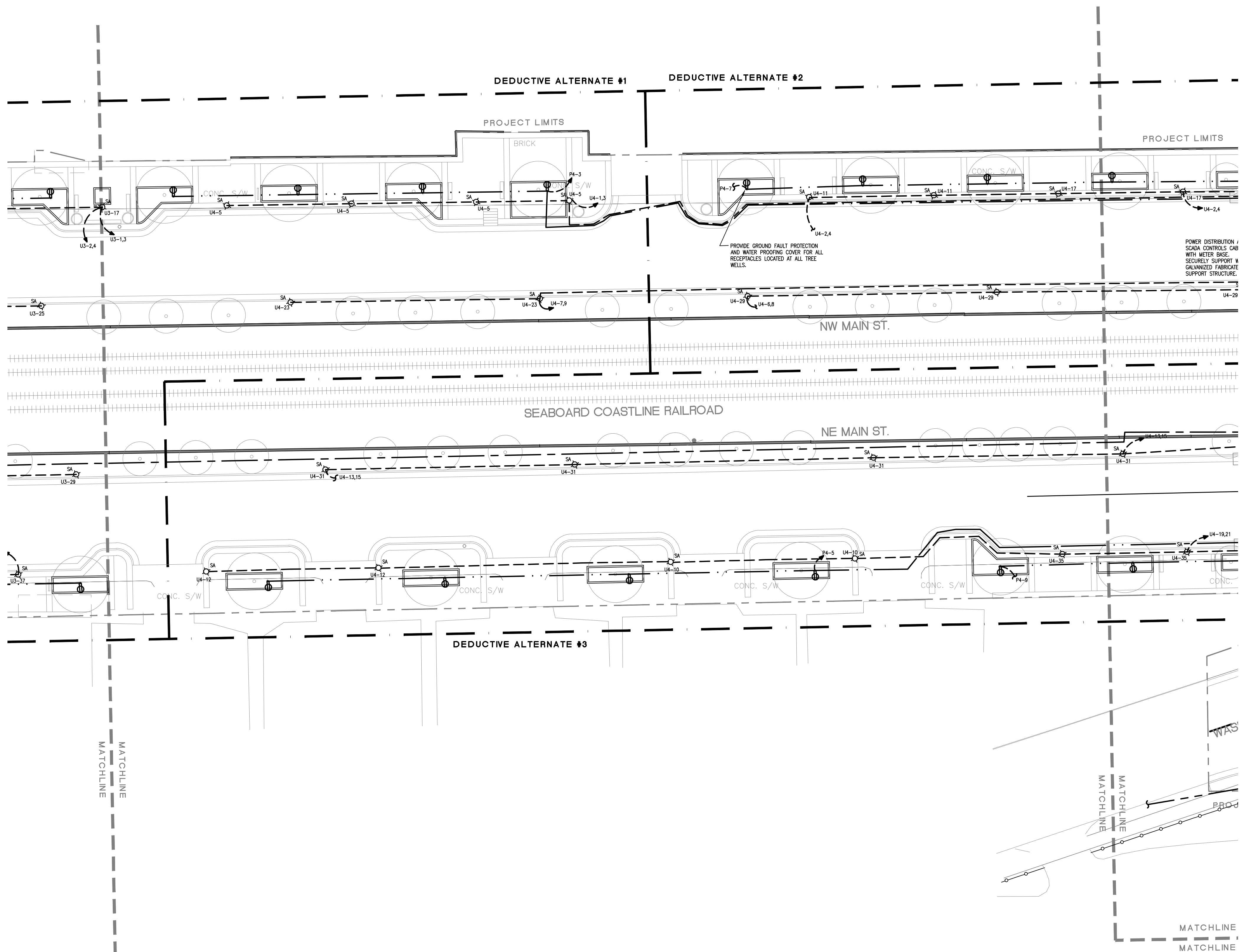
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SCALE: 1"= 20'

CV13.5

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ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
A	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
C	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
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	PEDESTAL MOUNTED RECEPTACLE
	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
	CONDUCTORS ROUTED THROUGH UNDERGROUND CONDUIT. PROPOSED CONDUIT ROUTING SHOWN. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.

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GENERAL NOTES:

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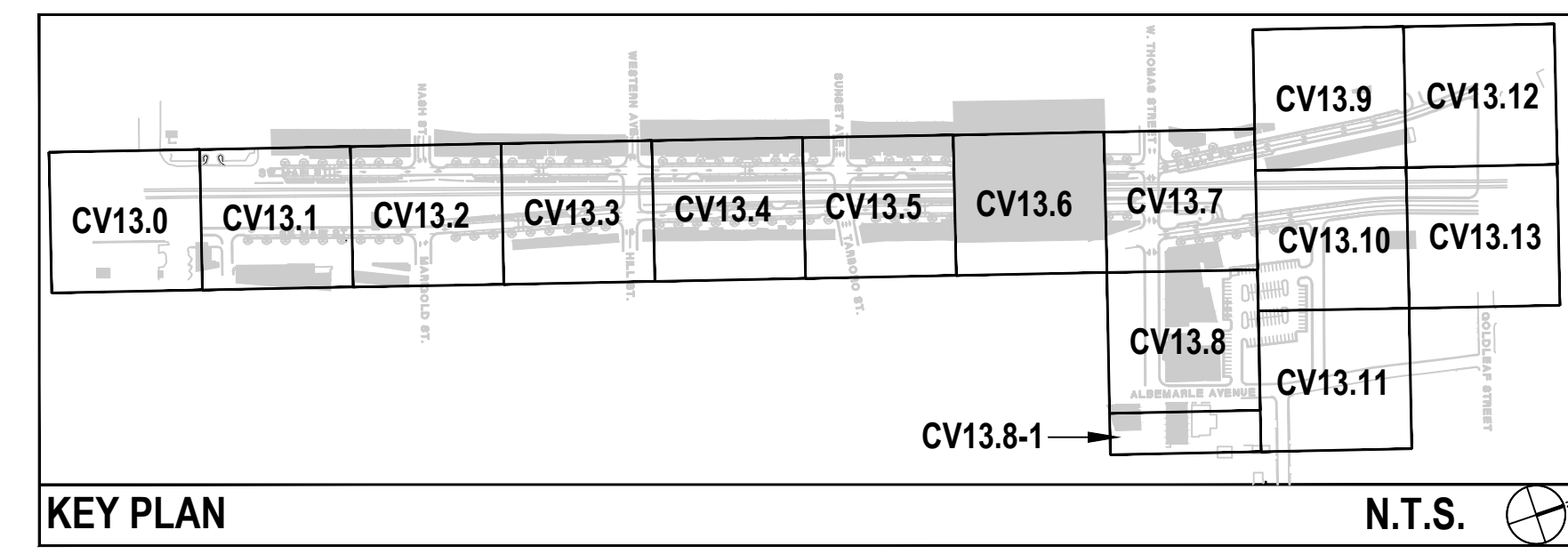
KEY NOTES:

- PROVIDE LARGE SCREW-IN BASE.

- PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
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- PROPOSED VENDOR RECEPTACLE LOCATION



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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

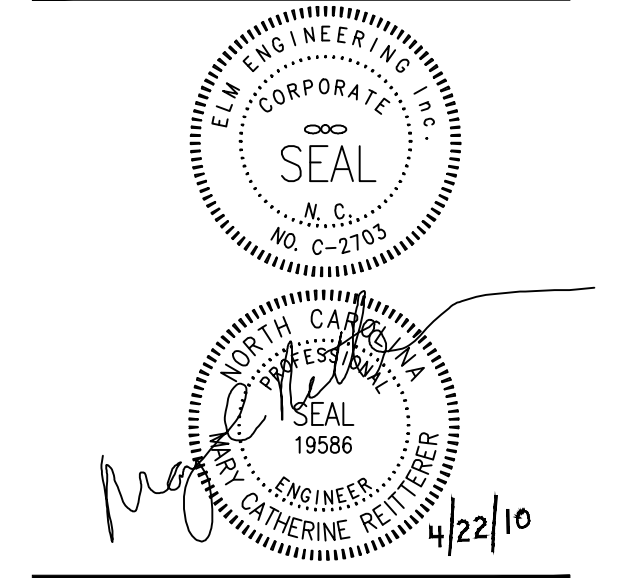
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ELM PROJECT NUMBER:
208015.00

ISSUED:
04.22.10

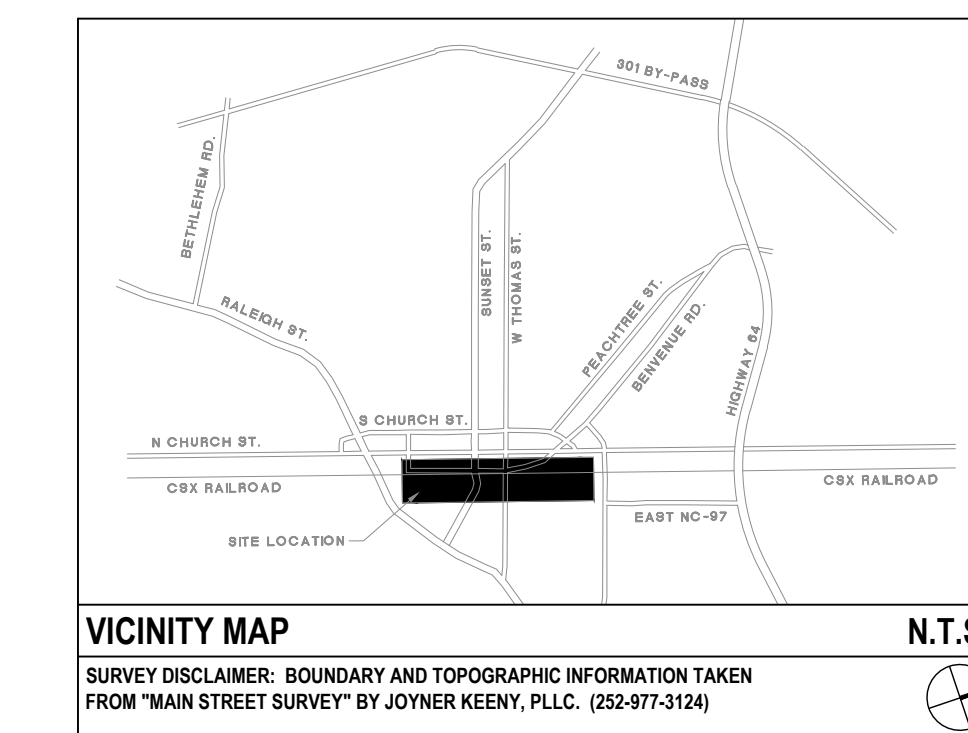
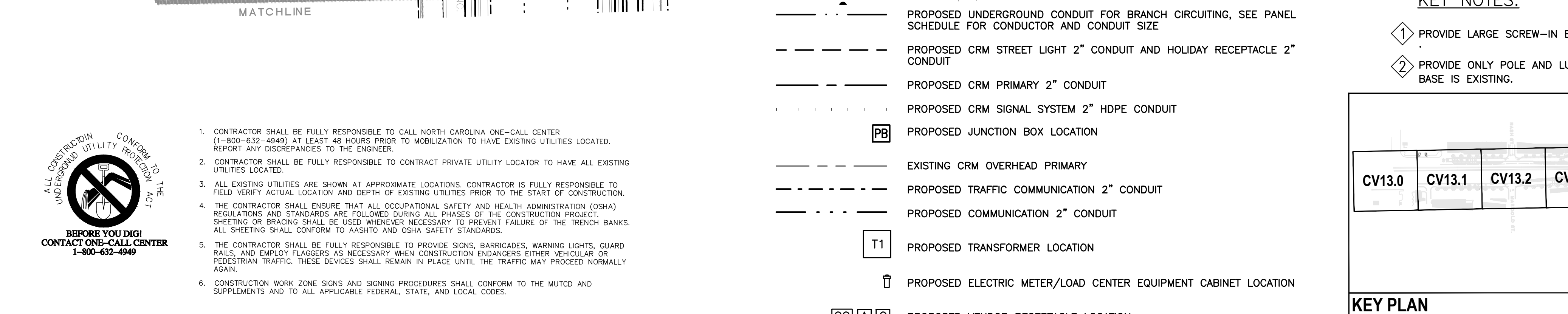
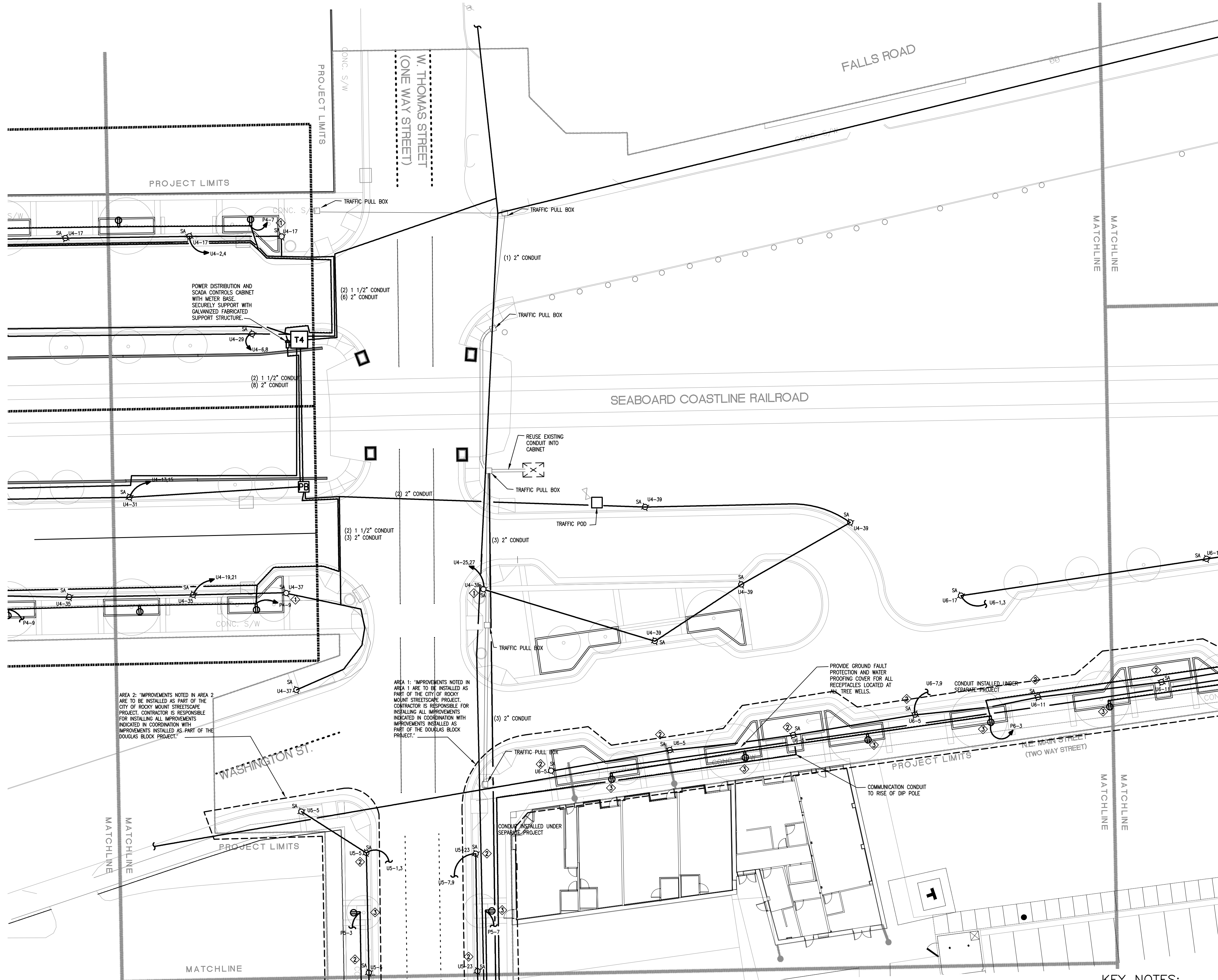
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CV13.6

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VICINITY MAP N.T.S.
 SURVEY DISCLAIMER: BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM "MAIN STREET SURVEY" BY JOYNER KEENEY, PLLC. (252-977-3124)

ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
A	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
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- KEY NOTES:**
- PROVIDE LARGE SCREW-IN BASE.
 - PROVIDE ONLY POLE AND LUMINAIRE. BASE IS EXISTING.
 - PROVIDE RECEPTACLE, PROVIDE WIRING IN EXISTING CONDUIT.



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- PB** PROPOSED JUNCTION BOX LOCATION
- EXISTING CRM OVERHEAD PRIMARY
- PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
- PROPOSED COMMUNICATION 2" CONDUIT
- T1** PROPOSED TRANSFORMER LOCATION
- PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
- CC A C** PROPOSED VENDOR RECEPTACLE LOCATION



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

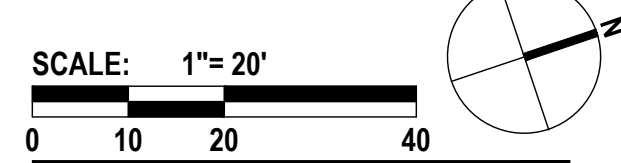
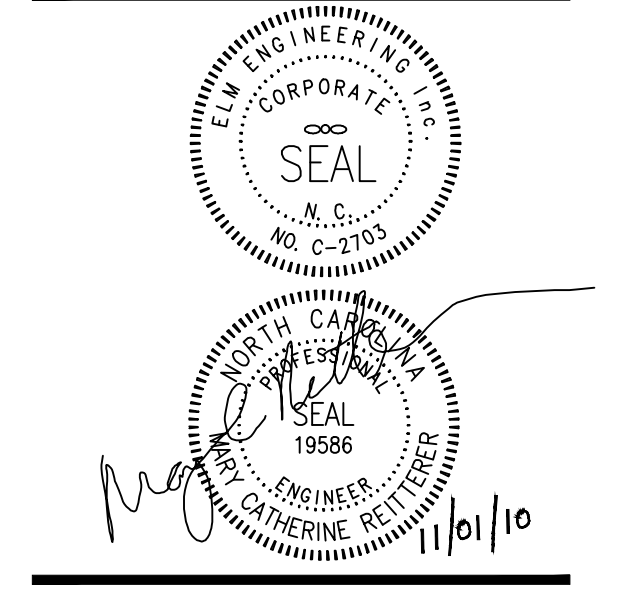
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208015.00

ISSUED:
11.01.10

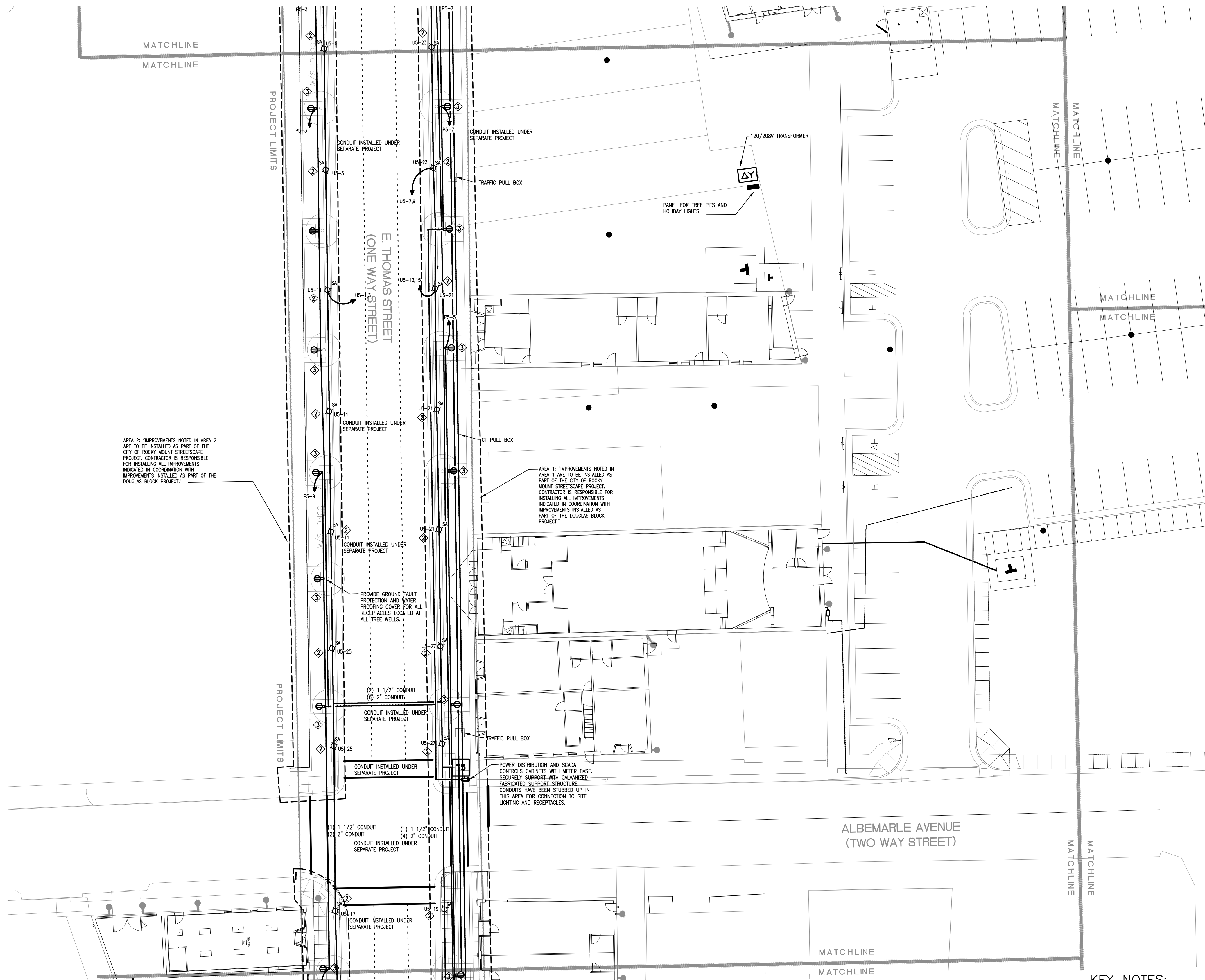
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CV.13.7

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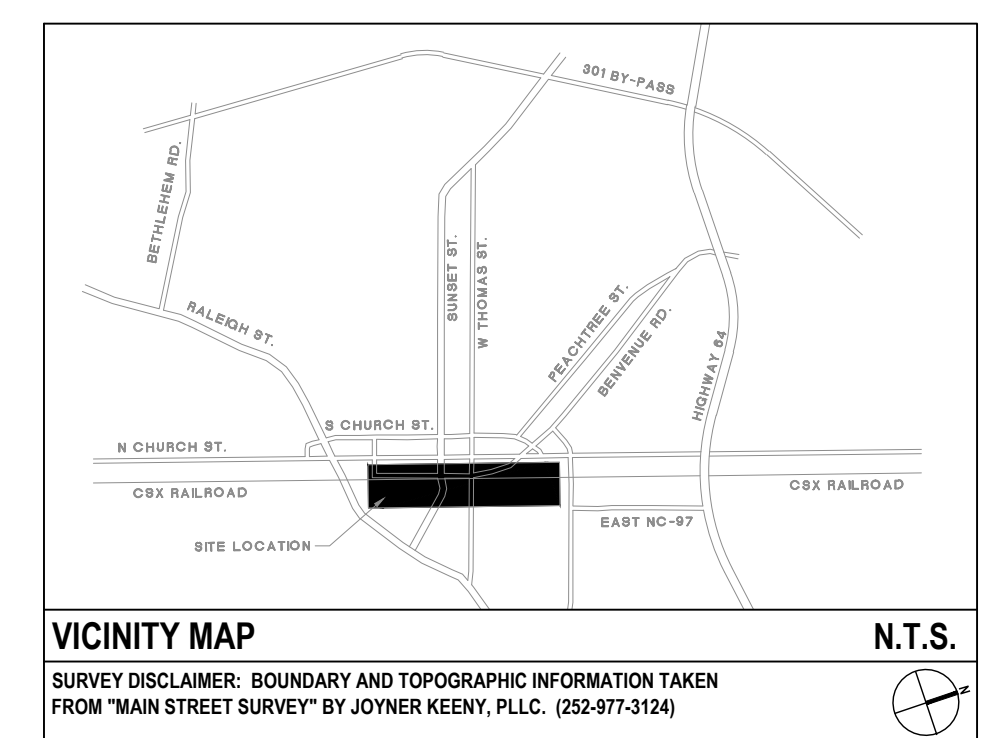
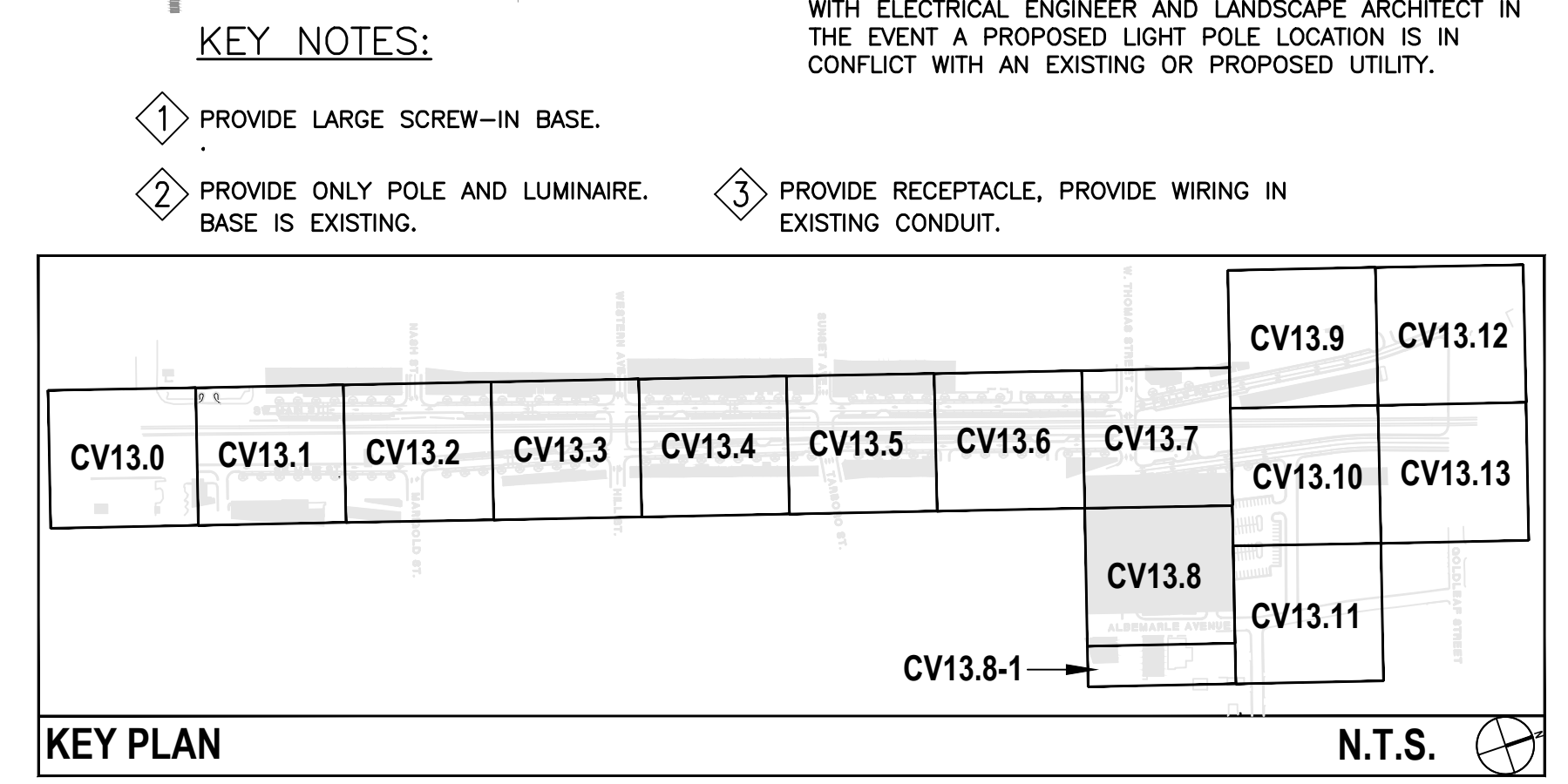
AREA 2: IMPROVEMENTS NOTED IN AREA 2 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETScape PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.

AREA 1: IMPROVEMENTS NOTED IN AREA 1 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETScape PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.



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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

- KEY NOTES:**
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 - - - - - PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
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 - PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
 - [PB] PROPOSED JUNCTION BOX LOCATION
 - — — — — EXISTING CRM OVERHEAD PRIMARY
 - - - - - PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
 - PROPOSED COMMUNICATION 2" CONDUIT
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 - [T] PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
 - [CC] [A] [C] PROPOSED VENDOR RECEPTACLE LOCATION



ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
[A]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
[C]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) NEMA 6-30R AND (1) NEMA 6-50R RECEPTACLE, EACH ON A DEDICATED CIRCUIT.
[CC]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (1) TWIST-LOCK 250V, 60A, 3-POLE 4-WIRE GROUNDING RECEPTACLE TO MATCH MOBILE POLICE STATION COMMAND CENTER PLUG CONNECTION.
	PEDESTAL MOUNTED RECEPTACLE
	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
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*ALL POWER SHALL BE METERED IN ORDER TO QUANTIFY ANY POWER NOT RELATED TO THE CITY'S MAINTAINED INFRASTRUCTURE (STREET LIGHTS, PEDESTRIAN LEVEL LIGHTS, ETC.)

GENERAL NOTES:

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- SEE PLANTING PLAN FOR TREE LOCATIONS.
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STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

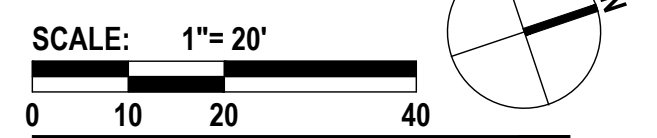
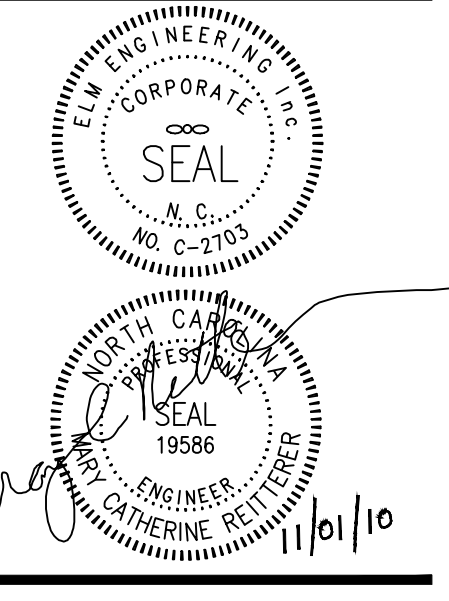
ELECTRICAL PLAN

ELM PROJECT NUMBER:
208015.00

ISSUED:
11.01.10

REVISED: # COMMENTS:

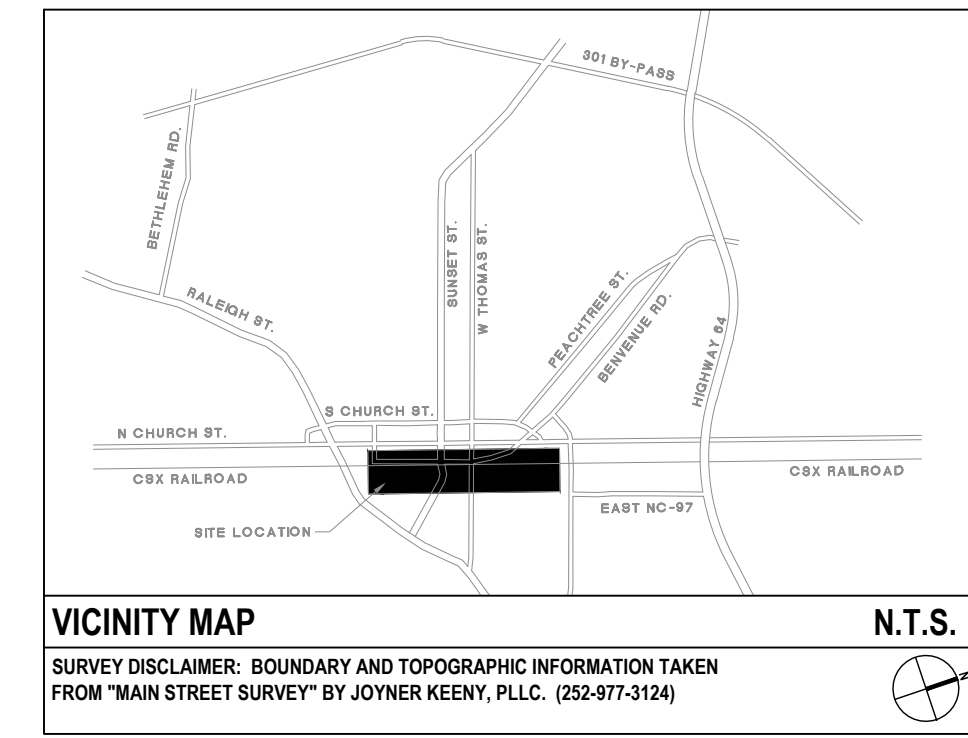
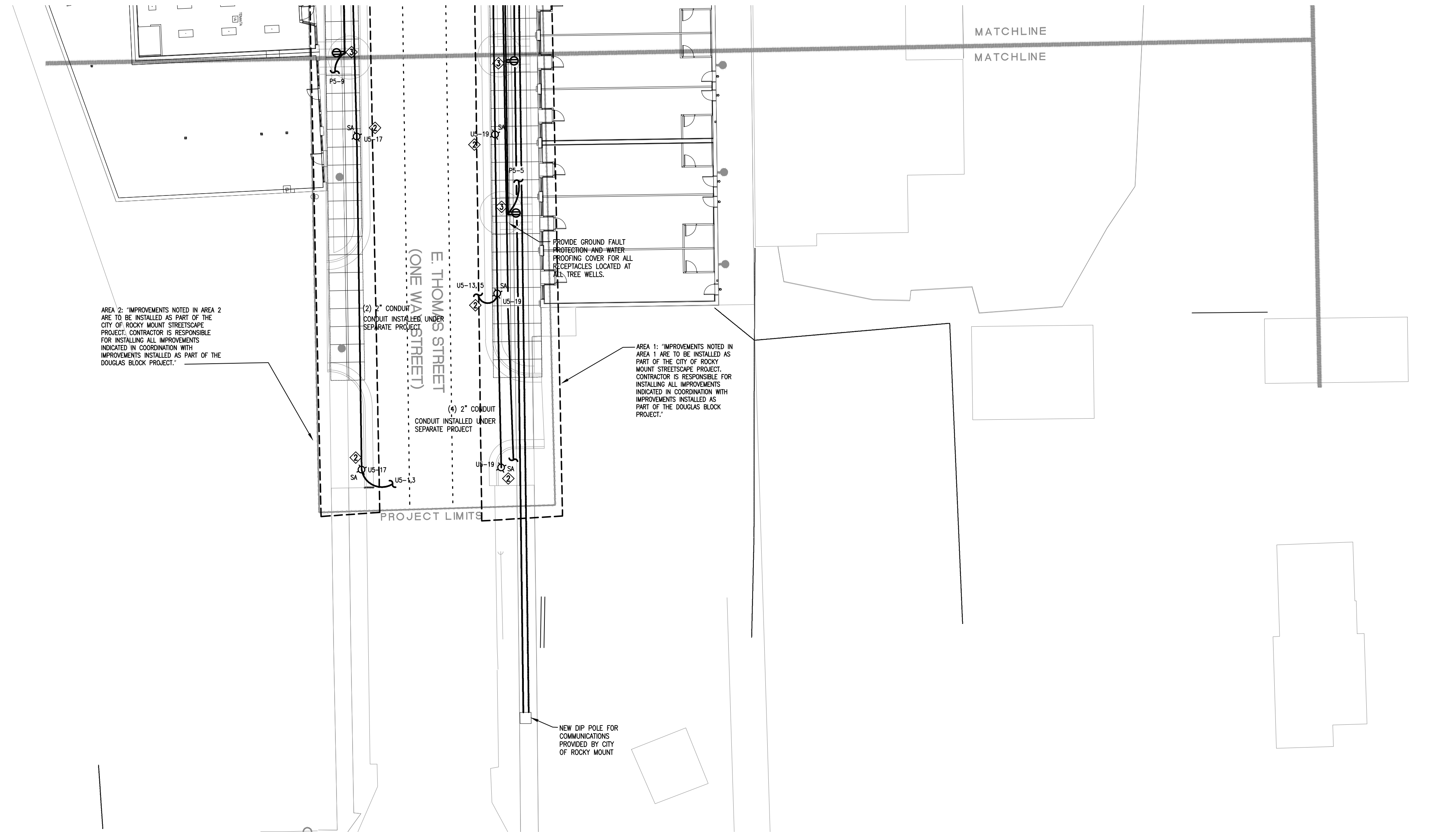
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CV13.8

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ELECTRICAL LEGEND:

	TYPE SA POLE MOUNTED LUMINAIRE.
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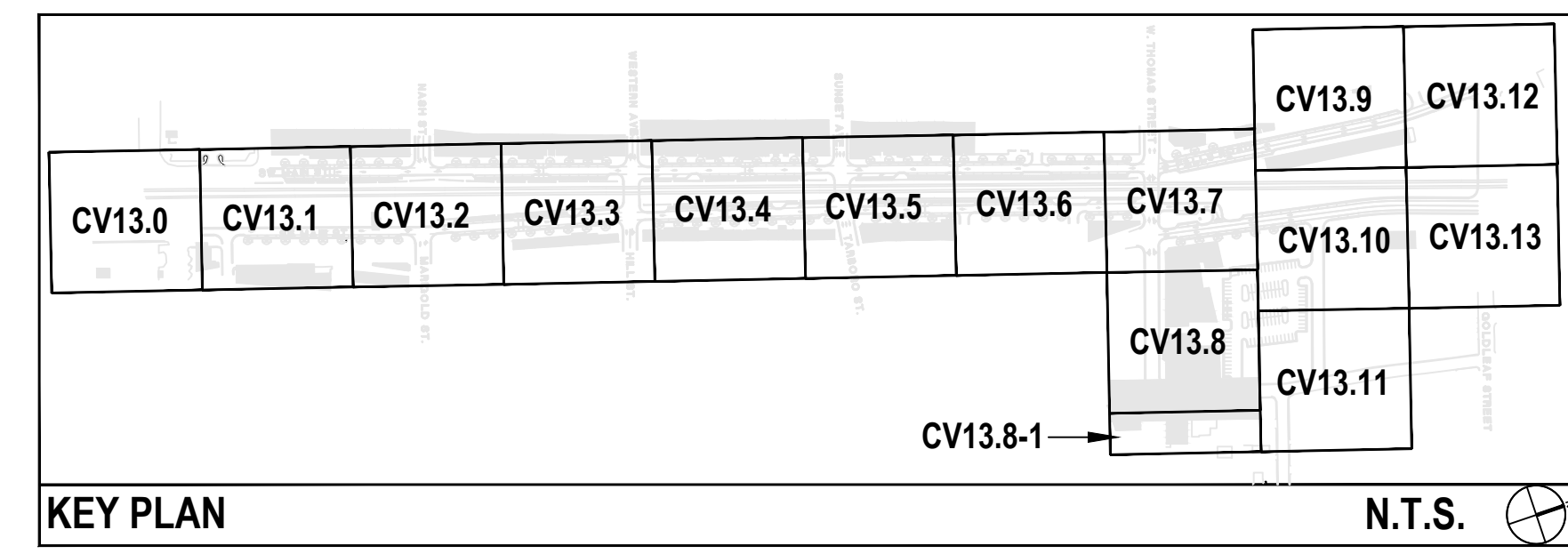
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STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

ELECTRICAL PLAN

ELM PROJECT NUMBER:

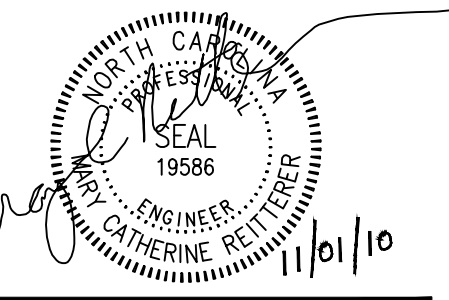
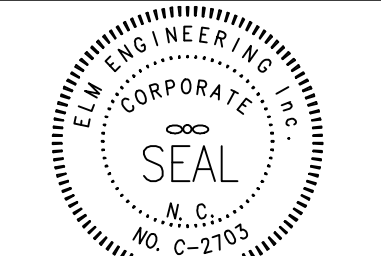
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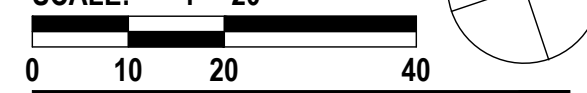
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SCALE: 1"= 20'



CV13.8-1

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**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

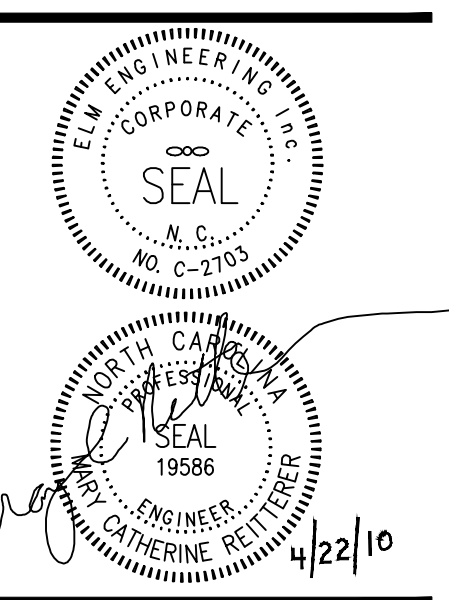
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ISSUED:
04.22.10

REVISED: # COMMENTS:

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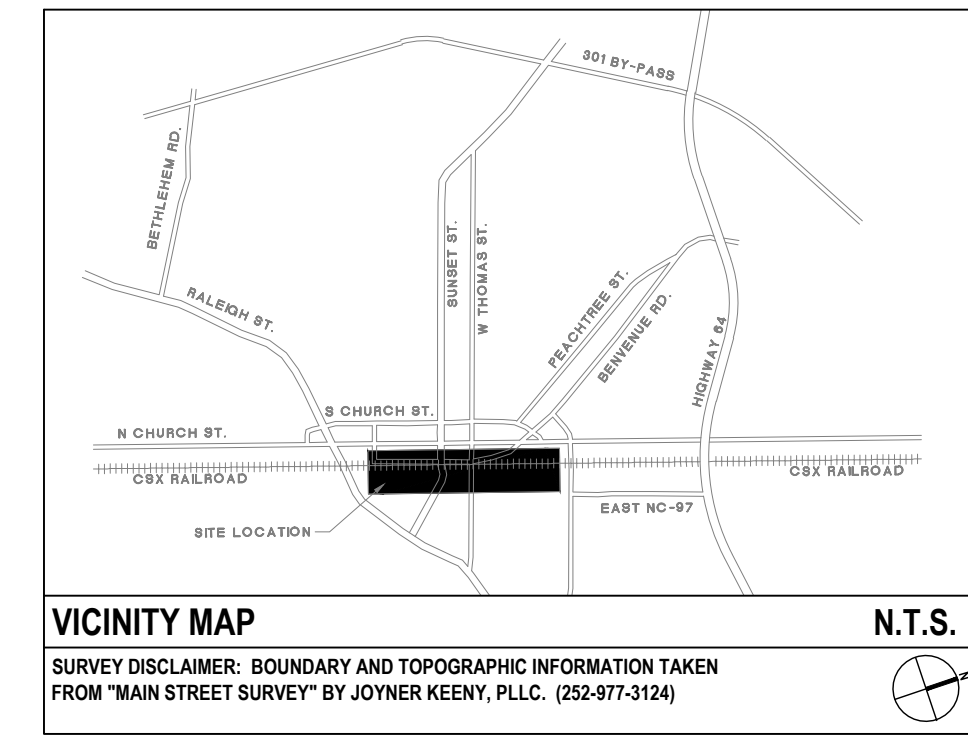
SCALE: 1"= 20'



CV13.9

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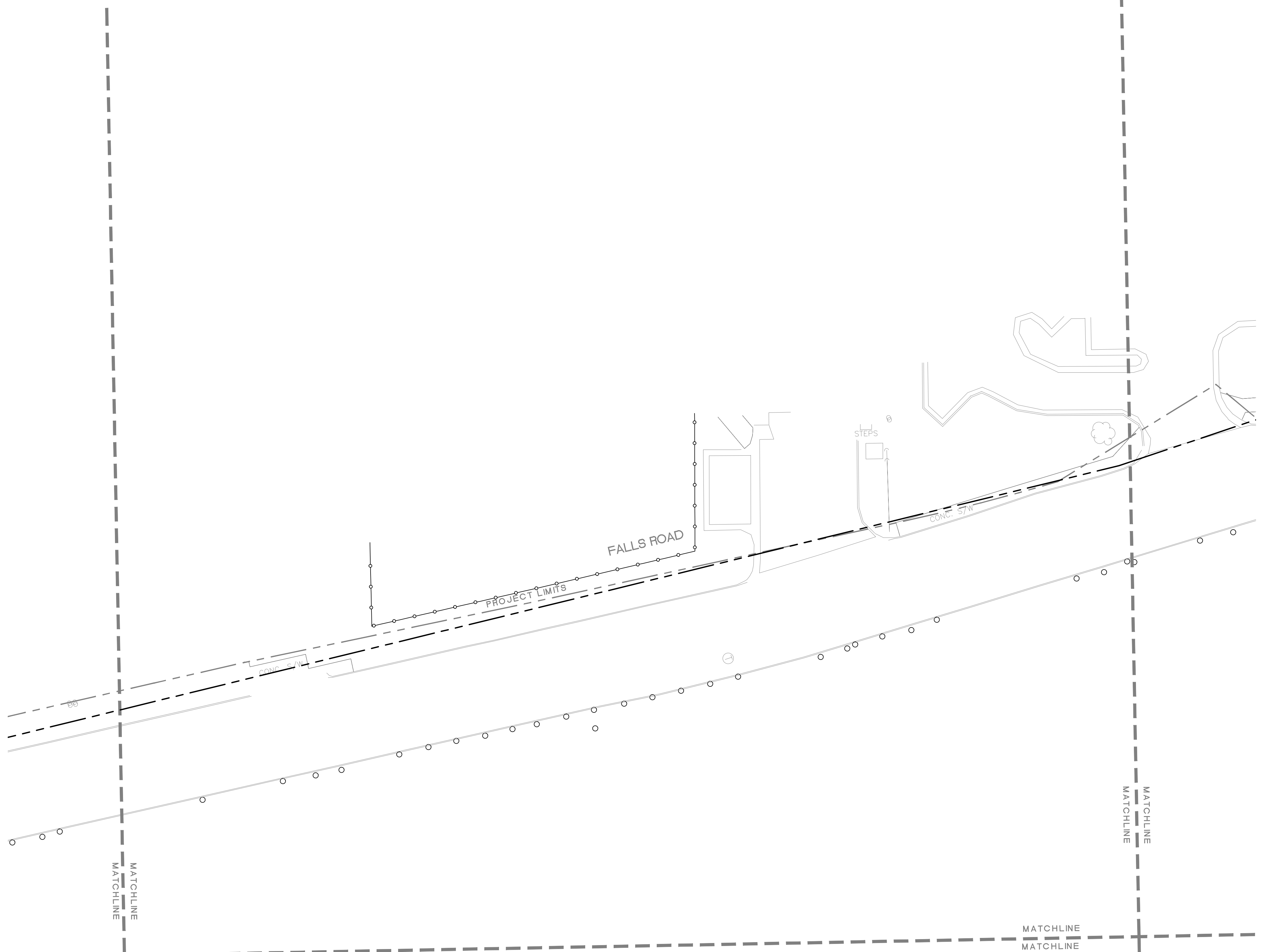
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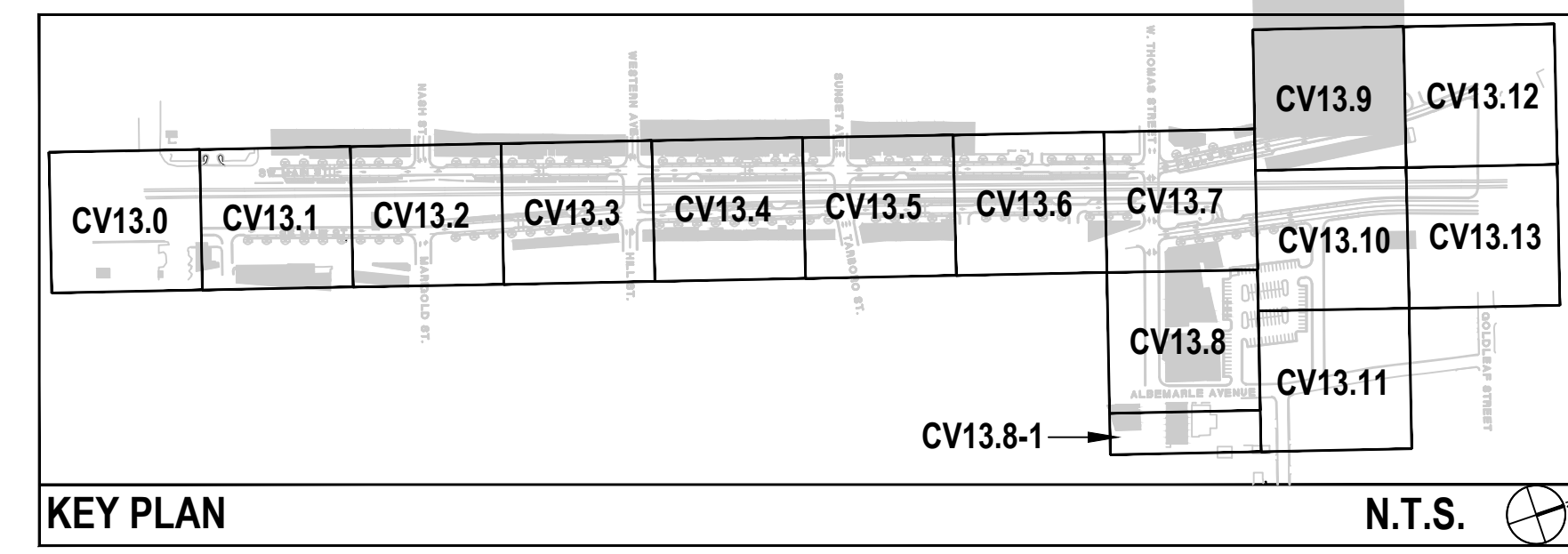
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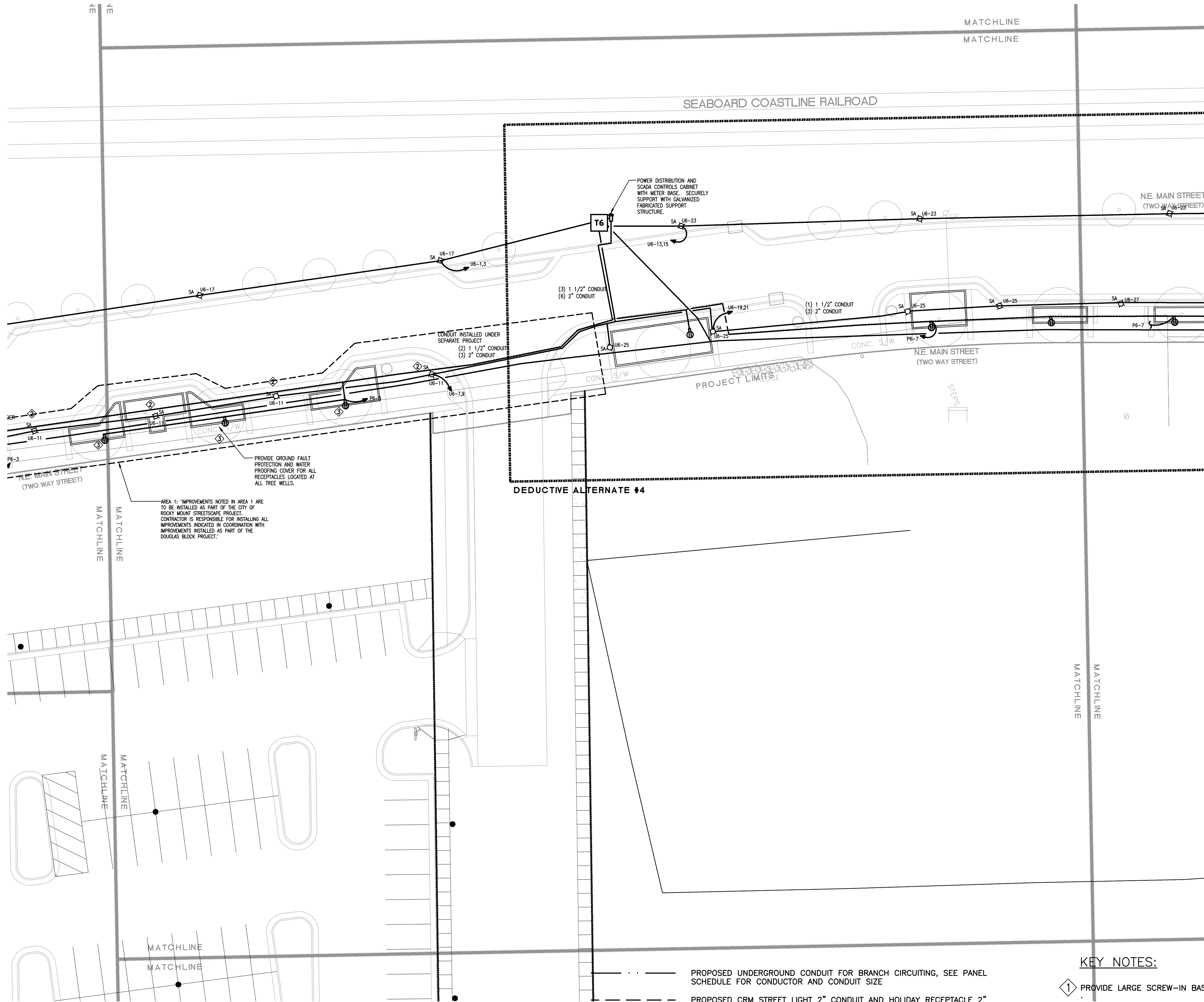
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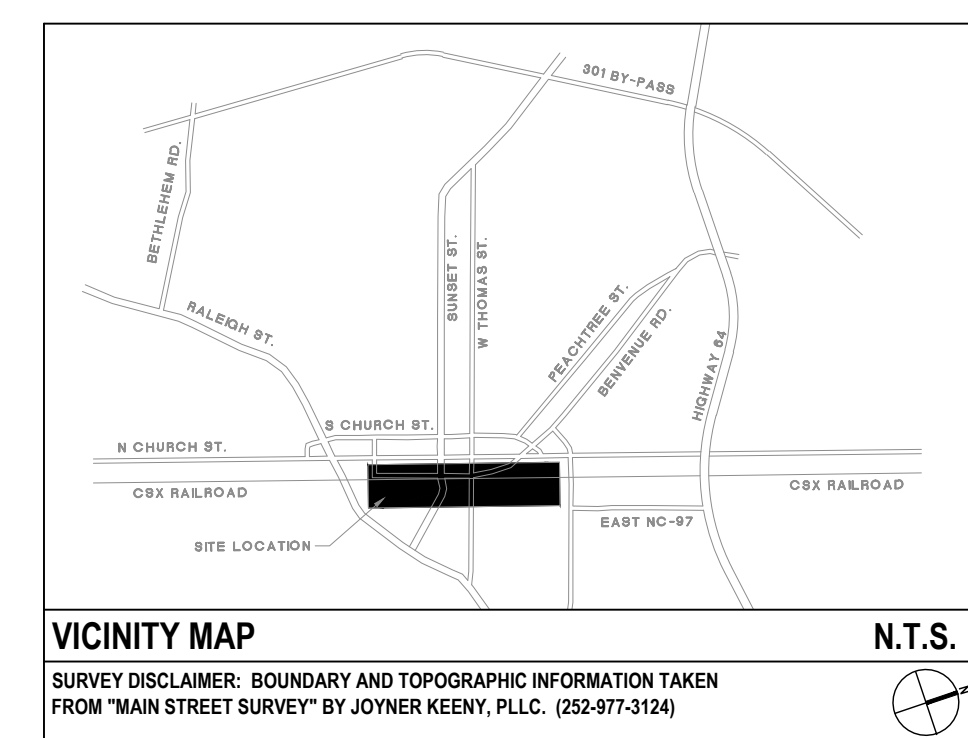
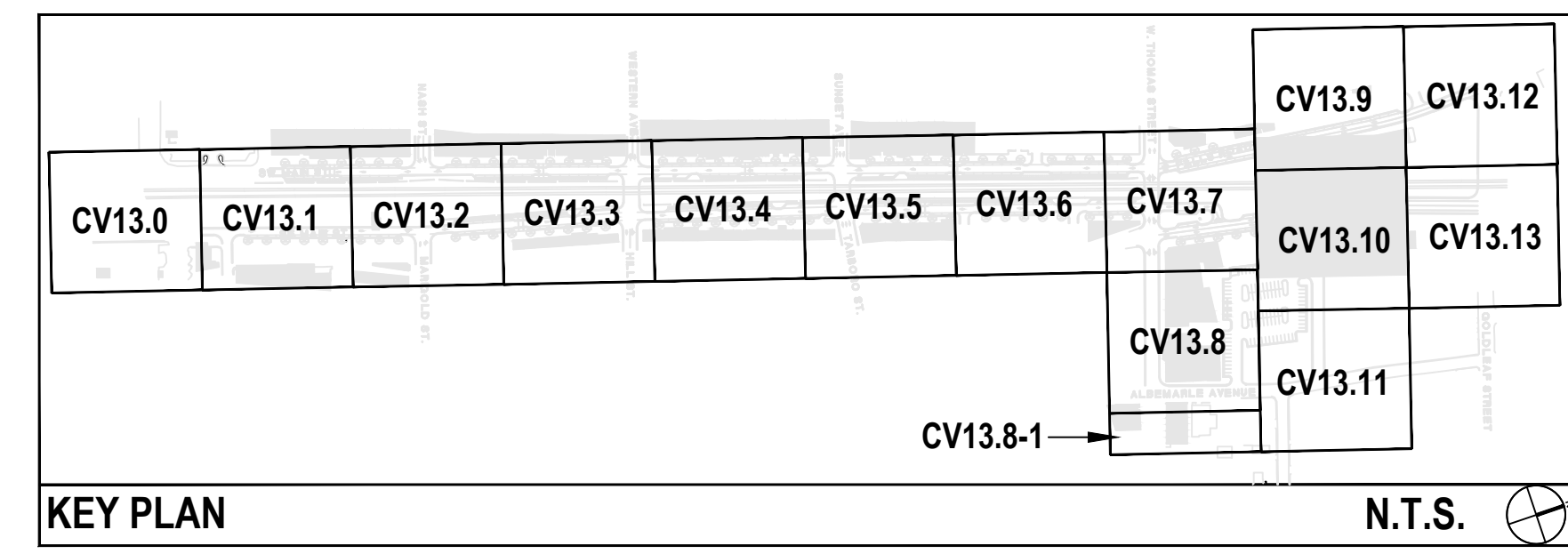
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[Symbol]	CONTINUATION OF CIRCUIT ASSIGNMENT. CONNECT TO PANEL NAME AND CIRCUIT ASSIGNMENT AS NOTED. SEE PANEL SCHEDULE FOR MINIMUM CONDUCTOR AND CONDUIT SIZES.
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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

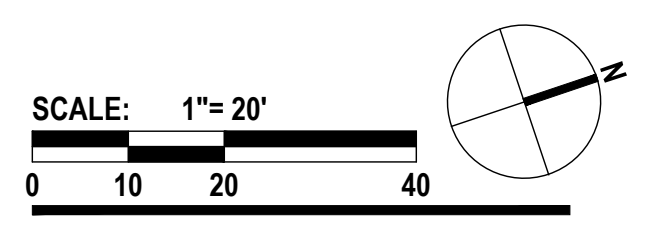
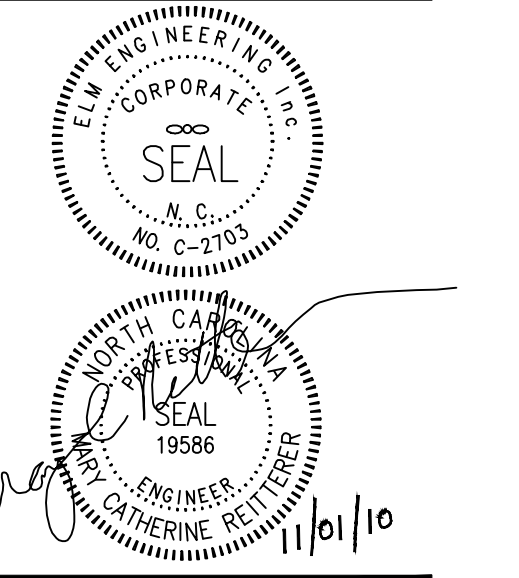
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ELM PROJECT NUMBER:
208015.00

ISSUED:
11.01.10

REVISED: # COMMENTS:

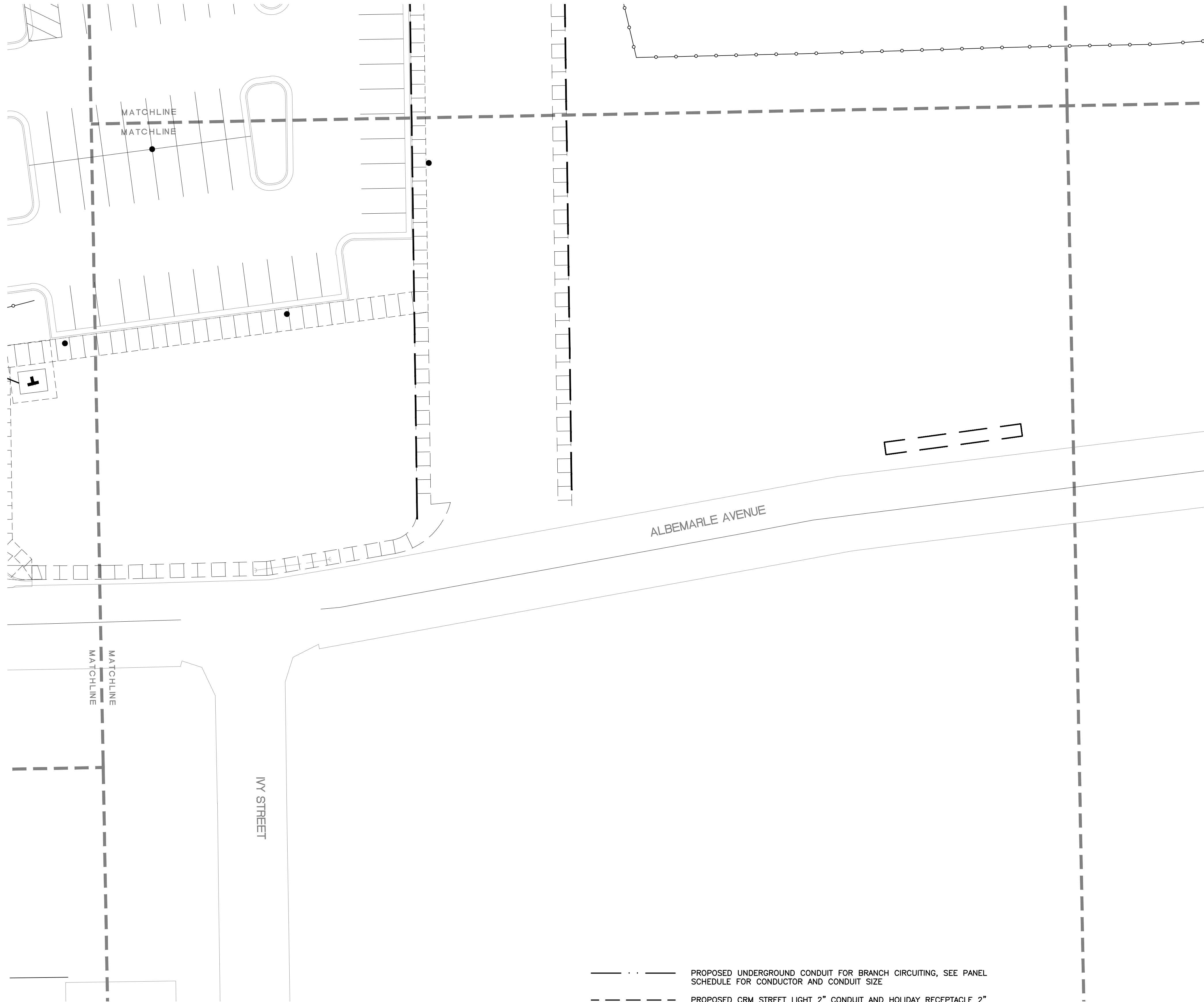
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CV13.10

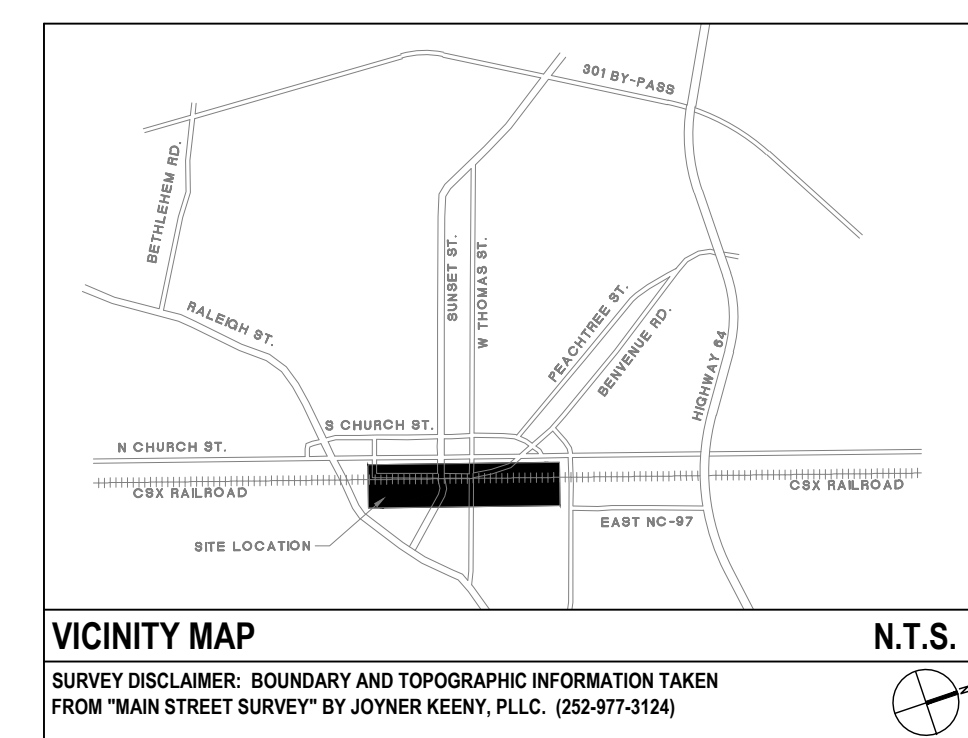
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- — — — — PROPOSED UNDERGROUND CONDUIT FOR BRANCH CIRCUITING, SEE PANEL SCHEDULE FOR CONDUCTOR AND CONDUIT SIZE
- - - - - PROPOSED CRM STREET LIGHT 2" CONDUIT AND HOLIDAY RECEPTACLE 2" CONDUIT
- — — — — PROPOSED CRM PRIMARY 2" CONDUIT
- · · · · PROPOSED CRM SIGNAL SYSTEM 2" HDPE CONDUIT
- [PB] PROPOSED JUNCTION BOX LOCATION
- — — — — EXISTING CRM OVERHEAD PRIMARY
- - - - - PROPOSED TRAFFIC COMMUNICATION 2" CONDUIT
- - - - - PROPOSED COMMUNICATION 2" CONDUIT
- [T1] PROPOSED TRANSFORMER LOCATION
- [M] PROPOSED ELECTRIC METER/LOAD CENTER EQUIPMENT CABINET LOCATION
- [A] [C] PROPOSED VENDOR RECEPTACLE LOCATION



ELECTRICAL LEGEND:

[Symbol]	TYPE SA POLE MOUNTED LUMINAIRE.
*3.6	PHOTOMETRIC VALUE AT GRADE IN FOOTCANDLES
[A]	WEATHER PROOF WHILE-IN-USE RECEPTACLE ENCLOSURE WITH (8) NEMA 5-20R DUPLEX RECEPTACLES, EACH DUPLEX ON A DEDICATED CIRCUIT.
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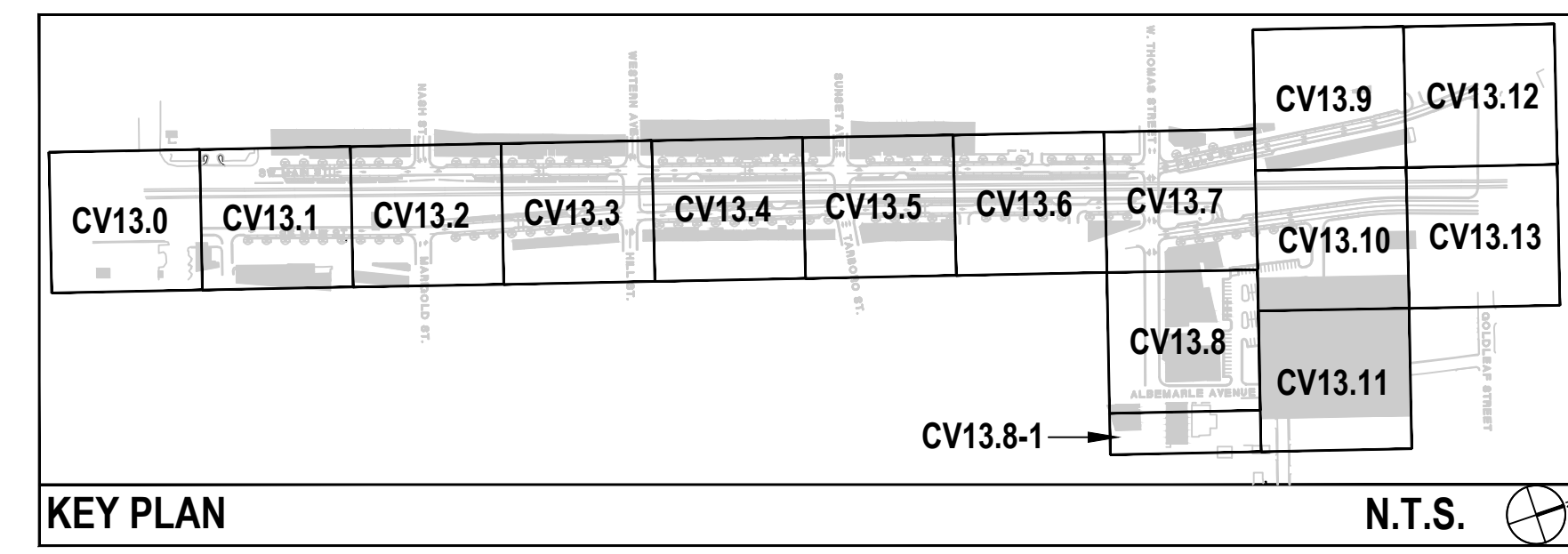
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KEY NOTES:

- [Symbol] PROVIDE LARGE SCREW-IN BASE.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

ELECTRICAL PLAN

ELM PROJECT NUMBER:

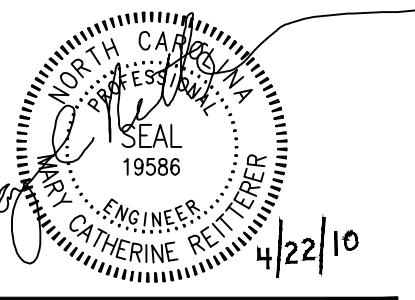
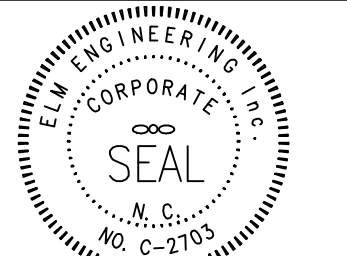
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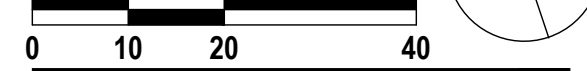
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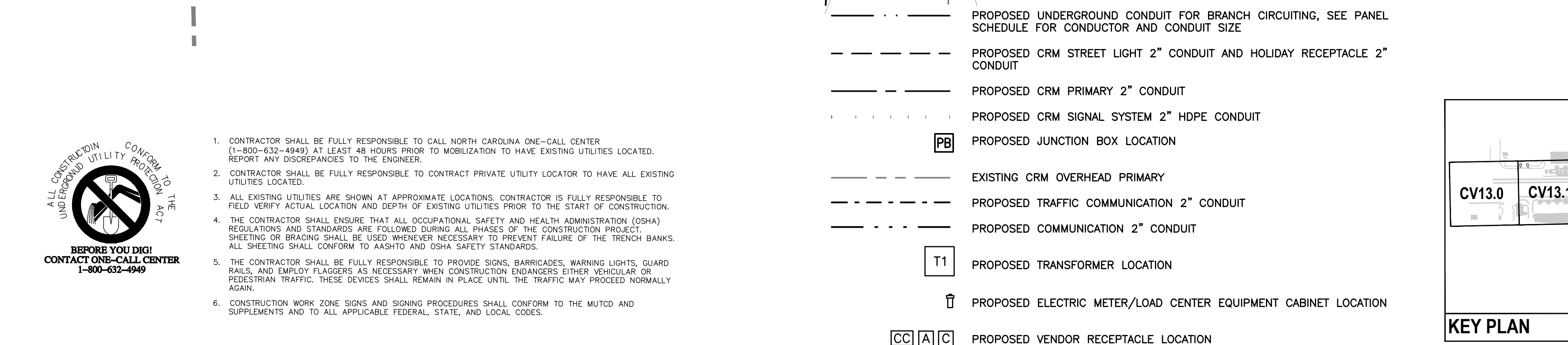


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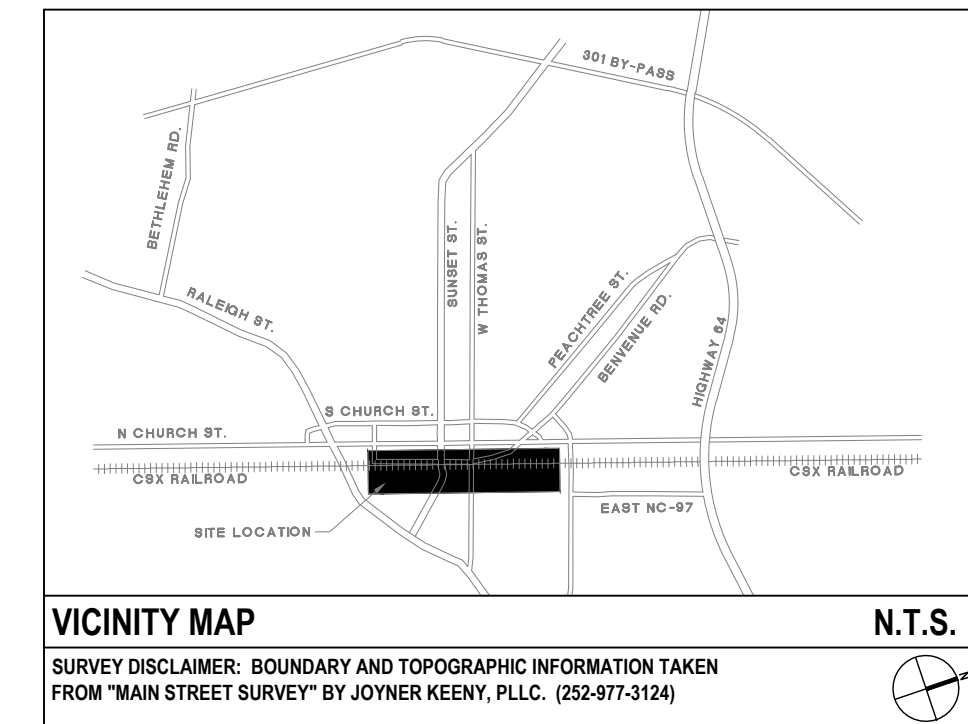


CV13.11

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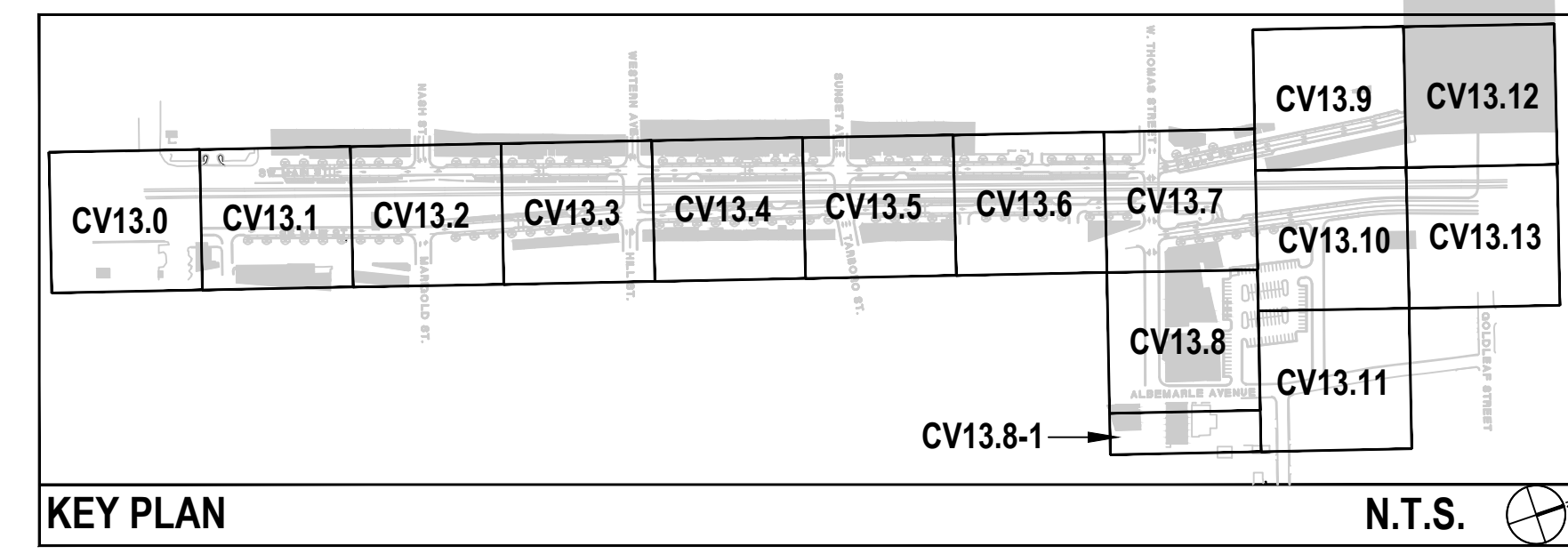
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KEY NOTES:

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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

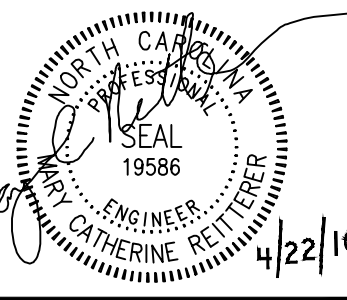
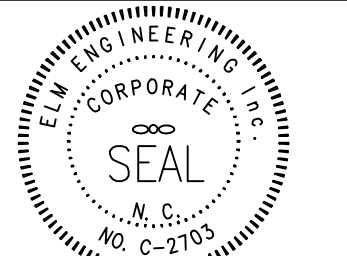
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208015.00

ISSUED:
04.22.10

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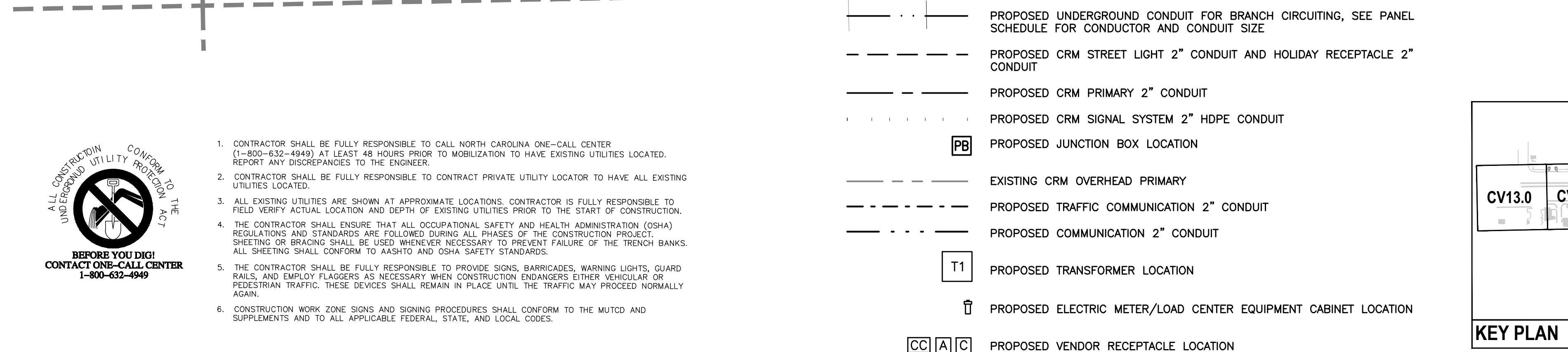
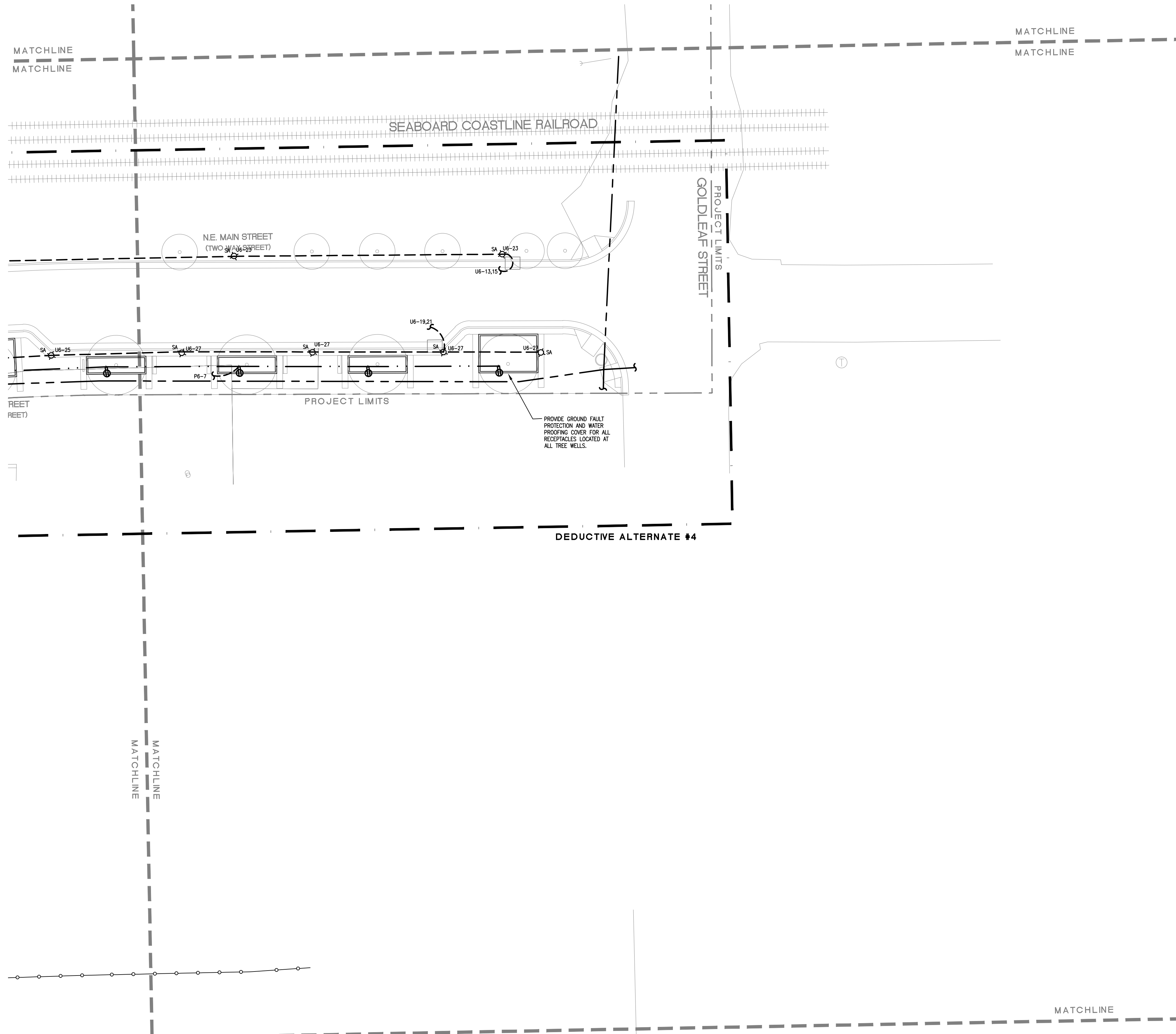
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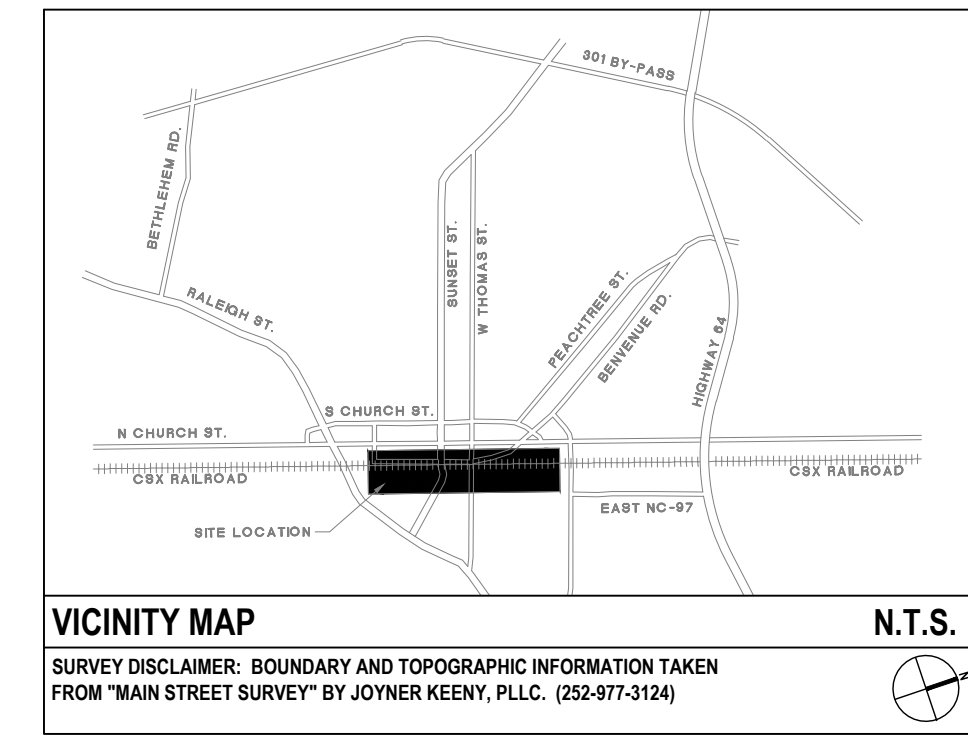
SCALE: 1"= 20'

CV13.12

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ELECTRICAL LEGEND:

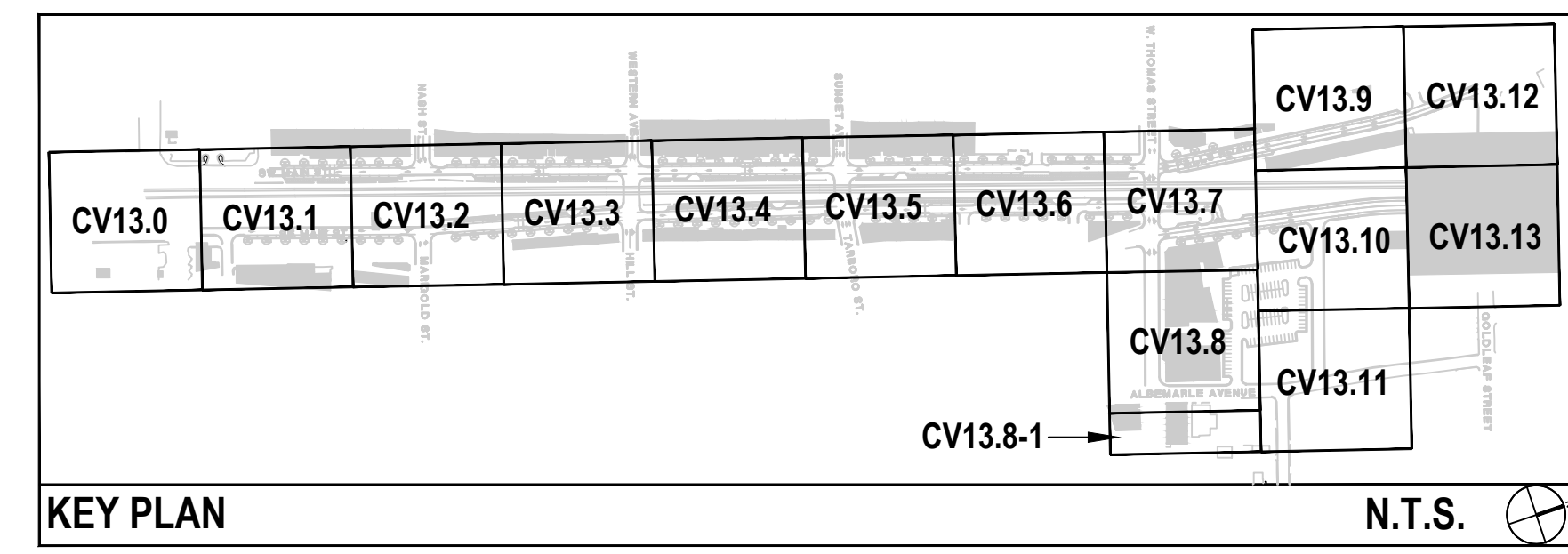
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KEY NOTES:

- PROVIDE LARGE SCREW-IN BASE.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

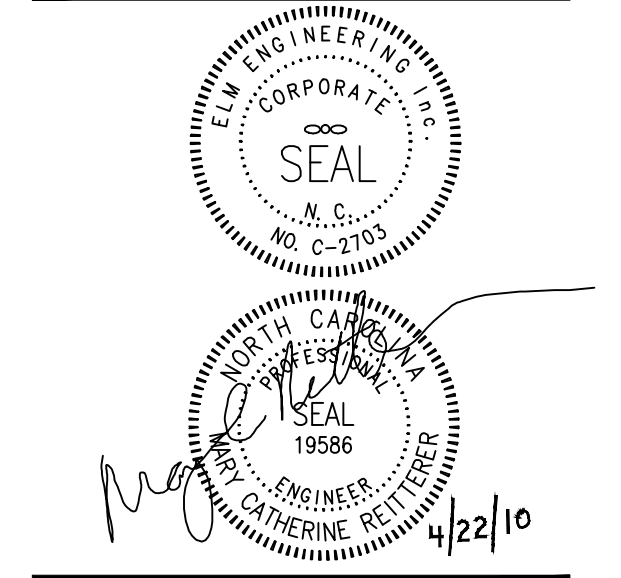
ELECTRICAL PLAN

ELM PROJECT NUMBER:
208015.00

ISSUED:
04.22.10

REVISED: # COMMENTS:

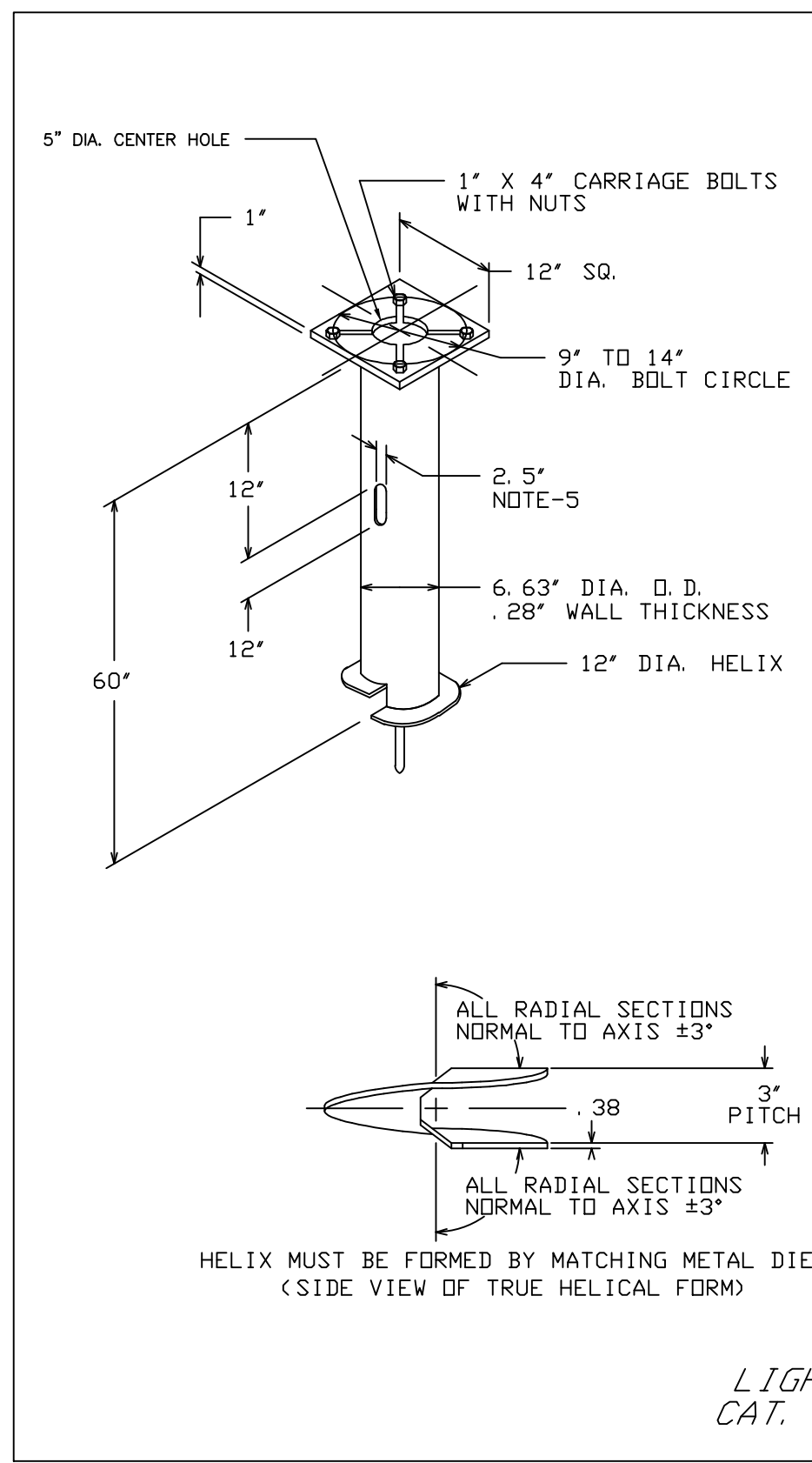
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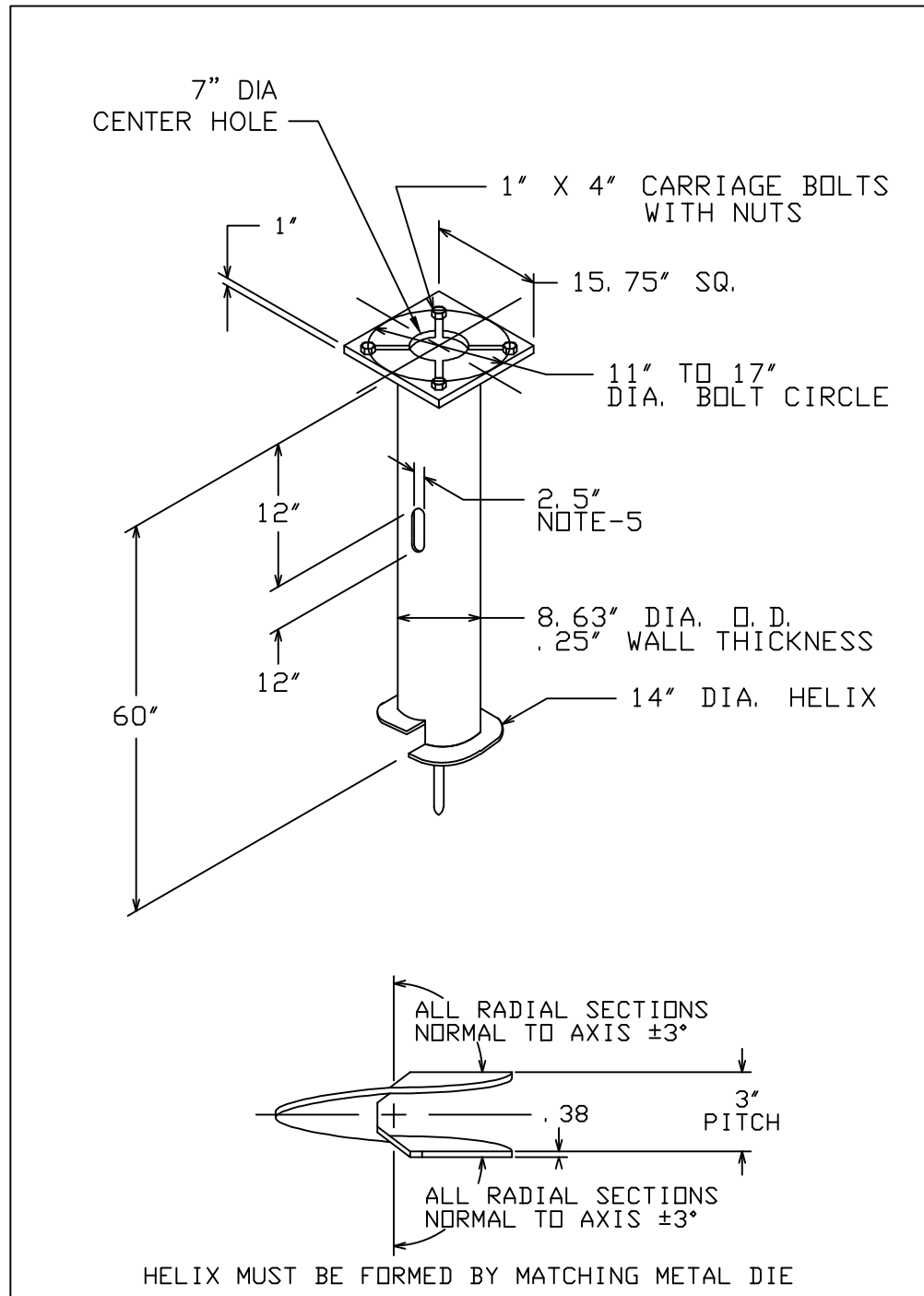
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- NOTES-
- FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION).
 - BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ($\pm 1^\circ$) AND HOLE CENTERLINE CONCENTRIC ($\pm .188$) TO SHAFT AXIS.
 - STENCIL MIN. 1/2 IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
 - PILDT POINT AND SHAFT AXES TO BE CONCENTRIC ($\pm .125$ FIM) AND IN LINE ($\pm 2^\circ$).
 - FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE.
 - PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILDT POINT ON ALL WELDED AREAS.
 - FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE. EXCEED 3/32 IN. BELOW NOMINAL SURFACE LEVEL. (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/32 IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
 - MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
 - ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
- BASEPLATE: ASTM A36-(LATEST REVISION) STRUCTURAL STEEL (CONFORM TO AASHTO TECH. BUL. #270)
- SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIAL: ASTM A53-(LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
- HELIX: ASTM A635-(LATEST REVISION) 3/8" THICK HDT ROLLED STEEL PLATE OR COIL.
- PILDT POINT: ASTM A575-(LATEST REVISION) 1-1/4" DIAMETER HDT ROLLED STEEL BAR.
- BOLTS: CARRIAGE BOLT, 1-8UNC-24 PER ANSI B-18.2.1, SAE J429 GRADE-5.
- NUTS: HEAVY HEX NUTS PER ASTM A194 GRADE 2H OR ASTM A563 GRADE DH, MEETING THE SUPPLEMENTARY REQUIREMENTS OF ASTM A563; 1-8UNC-2B PER ANST B18.2.2.
- BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION "ABC" IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
 - BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.

CHANCE	HUBBELL POWER SYSTEMS
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TITLE: LIGHTING FOUNDATION	REV: C
SIZE: SA11232JG4VL	DATE: 7/29/04
DRN BY: KSH	SHEET: 1

LIGHTING FOUNDATION
CAT. NO. C11232JG4VL



- NOTES-
- FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION).
 - BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ($\pm 1^\circ$) AND HOLE CENTERLINE CONCENTRIC ($\pm .188$) TO SHAFT AXIS.
 - STENCIL MIN. 1/2 IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
 - PILDT POINT AND SHAFT AXES TO BE CONCENTRIC ($\pm .125$ FIM) AND IN LINE ($\pm 2^\circ$).
 - FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE.
 - PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILDT POINT ON ALL WELDED AREAS.
 - FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE. EXCEED 3/32 IN. BELOW NOMINAL SURFACE LEVEL. (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/32 IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
 - MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
 - ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
- BASEPLATE: ASTM A36-(LATEST REVISION) STRUCTURAL STEEL (CONFORM TO AASHTO TECH. BUL. #270)
- SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIAL: ASTM A53-(LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
- HELIX: ASTM A635-(LATEST REVISION) 3/8" THICK HDT ROLLED STEEL PLATE OR COIL.
- PILDT POINT: ASTM A575-(LATEST REVISION) 1-1/4" DIAMETER HDT ROLLED STEEL BAR.
- BOLTS: CARRIAGE BOLT, 1-8UNC-2A PER ANSI B-18.5, SAE J429 GRADE-5.
- NUTS: HEAVY HEX NUTS PER ASTM A194 GRADE 2H OR ASTM A563 GRADE DH, MEETING THE SUPPLEMENTARY REQUIREMENTS OF ASTM A563; 1-8UNC-2B PER ANSI B18.2.2.
- BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION "ABC" IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
 - BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.

CHANCE	HUBBELL POWER SYSTEMS
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TITLE: LIGHTING FOUNDATION	REV: D
SIZE: SA11242NG4VP	DATE: 12/10/04
DRN BY: KSH	SHEET: 1/1

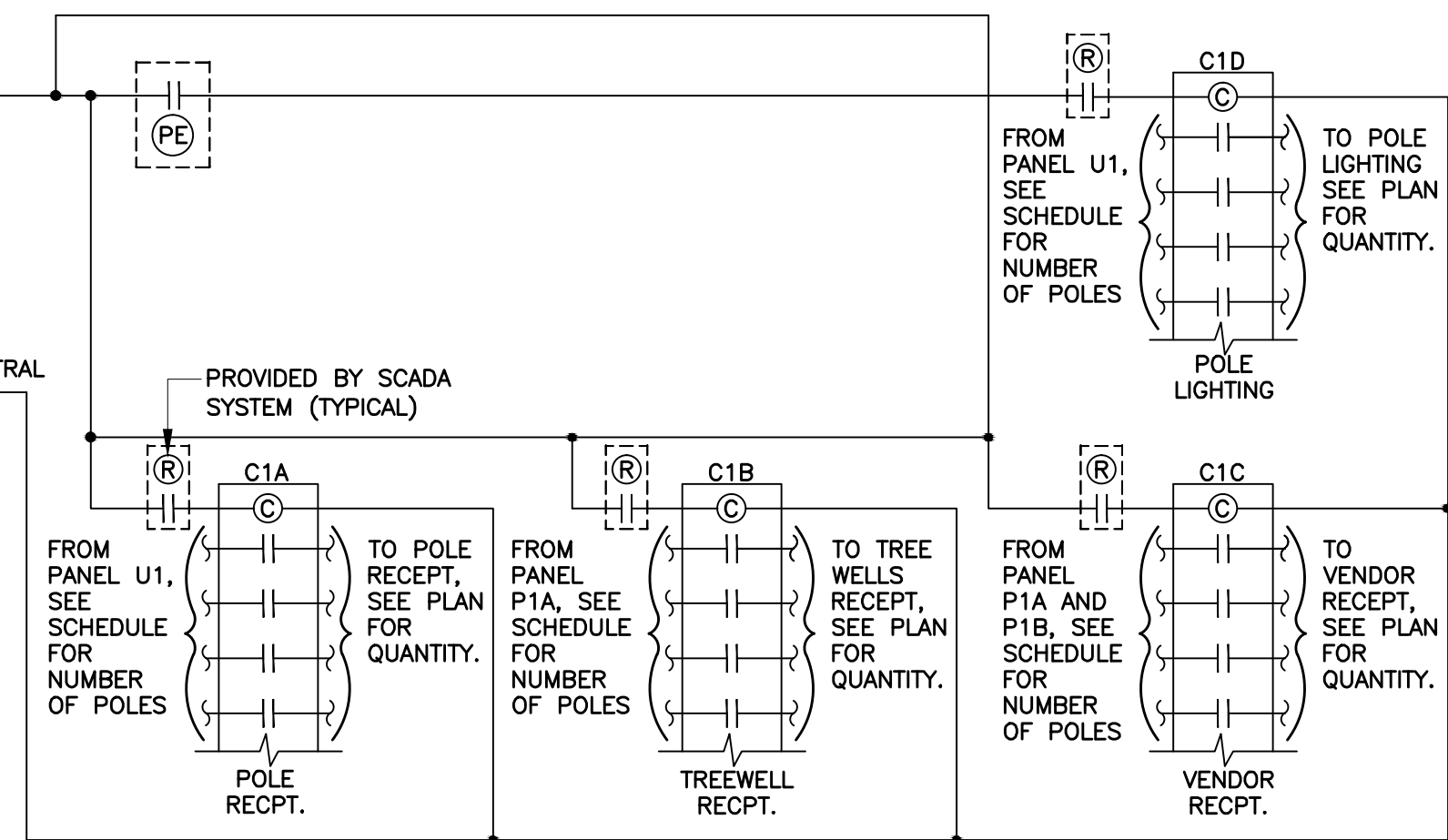
LIGHTING FOUNDATION
CAT. NO. C11242NG4VP

GENERAL NOTES

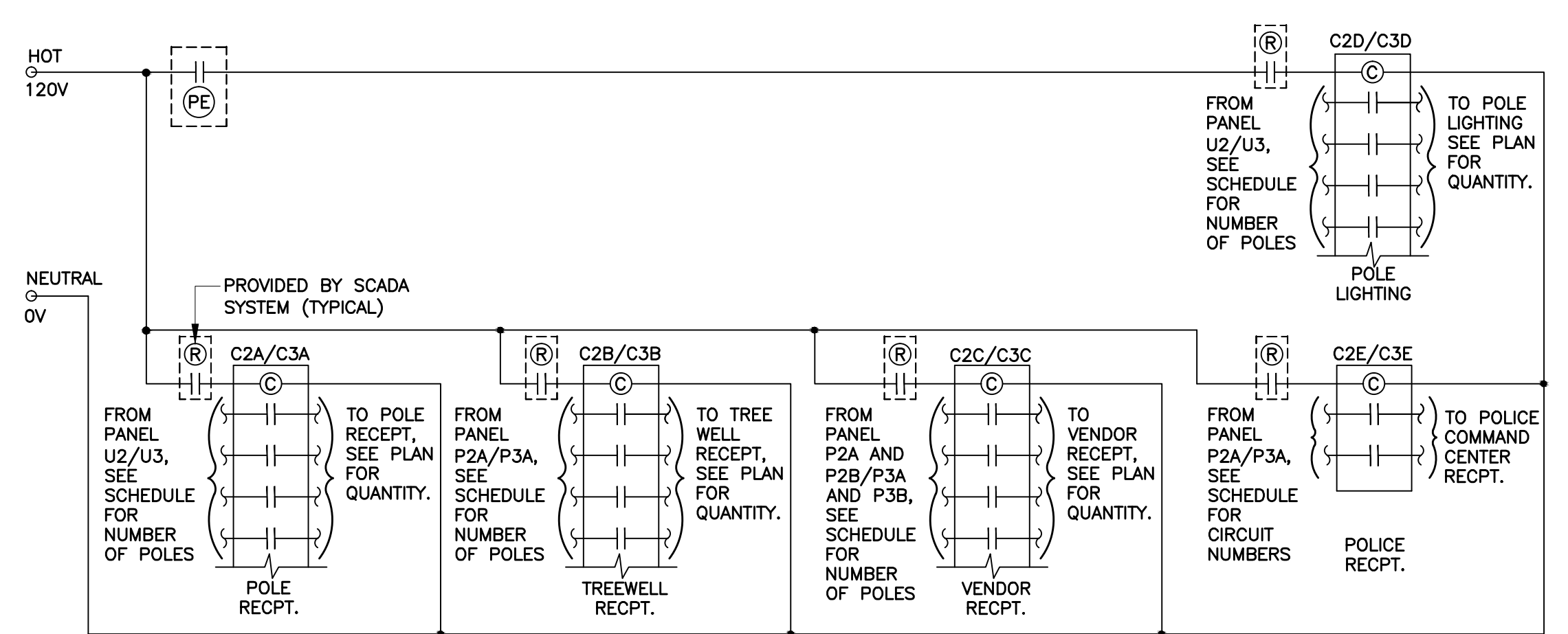
- ALL WORK SHALL CONFORM TO THE LATEST NATIONAL ELECTRICAL CODE, STATE CODE, & LOCAL AUTHORITY REQUIREMENT.
- THE CONTRACTOR SHALL VISIT THE PREMISES AND BE THOROUGHLY FAMILIAR WITH ALL DETAILS OF THE WORK AND WORKING CONDITIONS. VERIFY ALL FIELD CONDITIONS INCLUDING LOCATION OF UTILITY LINES, STRUCTURES, AND ADVISE THE ENGINEER OF ANY DISCREPANCY THAT MAY PREVENT OR HINDER THE SPECIFIED WORK FROM BEING COMPLETED.
- THE CONTRACTOR SHALL STUDY THE FINISH CONDITIONS AFFECTING WORK AND SHALL COORDINATE THE NEW WORK ACCORDINGLY. THE CONTRACTOR SHALL PROVIDE ALL ACCESSORIES, HANGERS, AND ANCHORS AS NECESSARY TO MEET SUCH CONDITIONS WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- PRIOR TO ACCOMPLISHING ANY WORK IN ANY AREA, ALL WORK SHALL BE PLANNED AND COORDINATED WITH OTHER TRADES AND THE OWNER. THE CONDUIT ROUTING SHALL BE COORDINATED WITH UNDERGROUND UTILITIES, AND OTHER OBSTACLES SO AS TO PROVIDE THE MOST EFFICIENT INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE INSPECTIONS NECESSARY FOR THE INSTALLATION OF HIS WORK AND FURNISH THE ENGINEER WITH CERTIFICATES OF INSPECTIONS FROM ALL AUTHORITIES HAVING JURISDICTION.
- PROPERLY ANCHOR AND SUPPORT ALL WORK AND EQUIPMENT INSTALLED UNDER THIS CONTRACT. STUDY ALL DRAWINGS, MANUFACTURER'S INSTRUCTIONS, AND CATALOG DATA TO DETERMINE HOW EQUIPMENT ACCESSORIES, AND RELATED ITEMS ARE TO BE SUPPORTED OR MOUNTED. PROVIDE ALL BOLTS, INSERTS, BRACKETS, AND ACCESSORIES FOR PROPER SUPPORT OF EQUIPMENT FURNISHED UNDER THIS CONTRACT.
- PROVIDE GREEN EQUIPMENT GROUNDING CONDUCTOR WITH ALL FEEDER AND BRANCH CIRCUITS.
- EACH DISCONNECT SHALL BE EQUIPPED WITH A GROUND BAR.
- THE PANELBOARDS SHALL HAVE A TYPED DIRECTORY INDICATING THE LOAD SERVED AND A LOCATION, SPARE, OR SPACE.
- MOUNTING HEIGHTS INDICATED ARE TO THE CENTER OF THE DEVICE, OR EQUIPMENT UNLESS NOTED OTHERWISE.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER. DO NOT EXCEED MORE THAN THREE HOMERUNS IN EACH CONDUIT.
- ALL WIRE SIZES INDICATED ON THE PLANS ARE BASED ON 60° CONDUCTOR UP TO 100A, AND 75° CONDUCTOR ABOVE 100A. ALL TERMINALS, DEVICES, AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR THAT TERMINAL RATING OR HIGHER.
- ELECTRICAL CONTRACTOR TO PROVIDE BLANK COVER PLATES ON ALL UNUSED ELECTRICAL OUTLETS.
- ALL EQUIPMENT SHALL BE U.L. LABELED OR OTHER THIRD PARTY TESTING AGENCY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION WHERE SUCH A CATEGORY EXISTS FOR THE EQUIPMENT.
- ALL CONDUIT ENDS SHALL TERMINATE AT DEVICE OR OUTLET BOX, OR PROVIDE WITH CAP.
- ALL EQUIPMENT SHALL BE RATED FOR THE ENVIRONMENT WHERE LOCATED.
- COMPACT SOIL AROUND HANDHOLE IN ACCORDANCE WITH RECOMMENDATIONS OF SOIL TESTING AGENCY TO WITHSTAND HIGHWAY LOADING. ENGAGE SOIL TESTING AGENCY TO VERIFY SOIL BEARING PRESSURE.

1 STREETLIGHT FOUNDATIONS - C11232JG4VL
N.T.S.

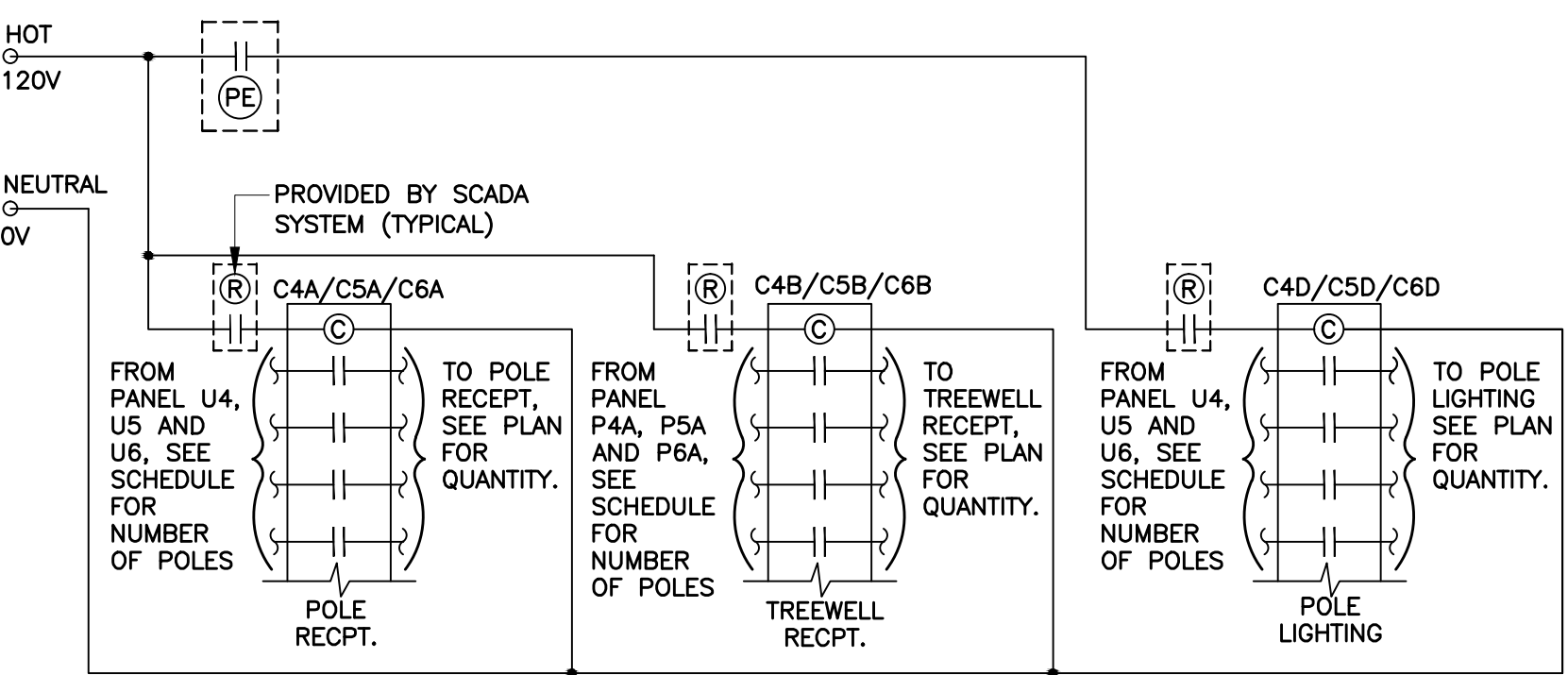
2 STREETLIGHT LARGE FOUNDATION - C11242NG4VP
N.T.S.



3 CONTROLS WIRING DIAGRAM - TRANSFORMER 1
N.T.S.



4 CONTROLS WIRING DIAGRAM - TRANSFORMER 2 & 3
N.T.S.



5 CONTROLS WIRING DIAGRAM - TRANSFORMER 4, 5 & 6
N.T.S.



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO HAVE ALL EXISTING UTILITIES LOCATED.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

ELECTRICAL PLAN

ELM PROJECT NUMBER:

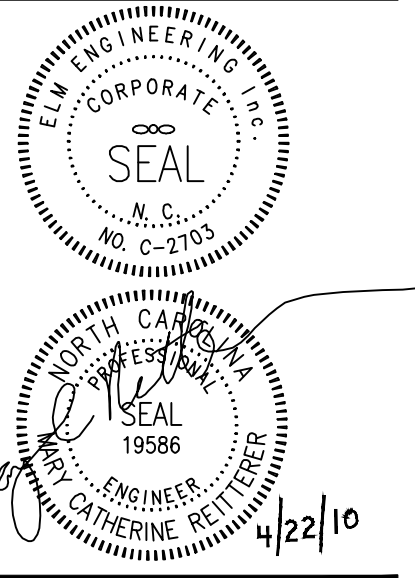
208015.00

ISSUED:

04.22.10

REVISED: # COMMENTS:

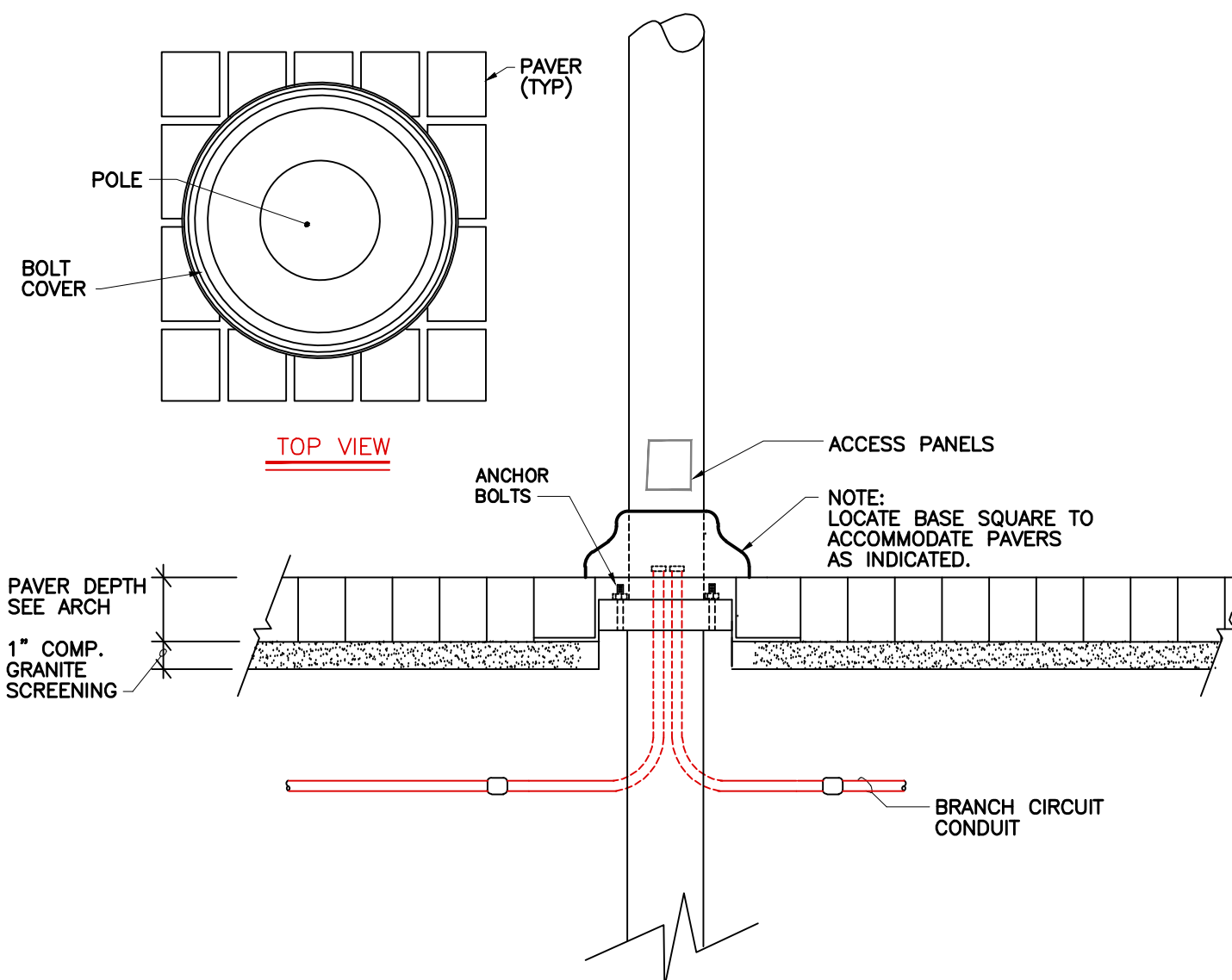
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CV13.14

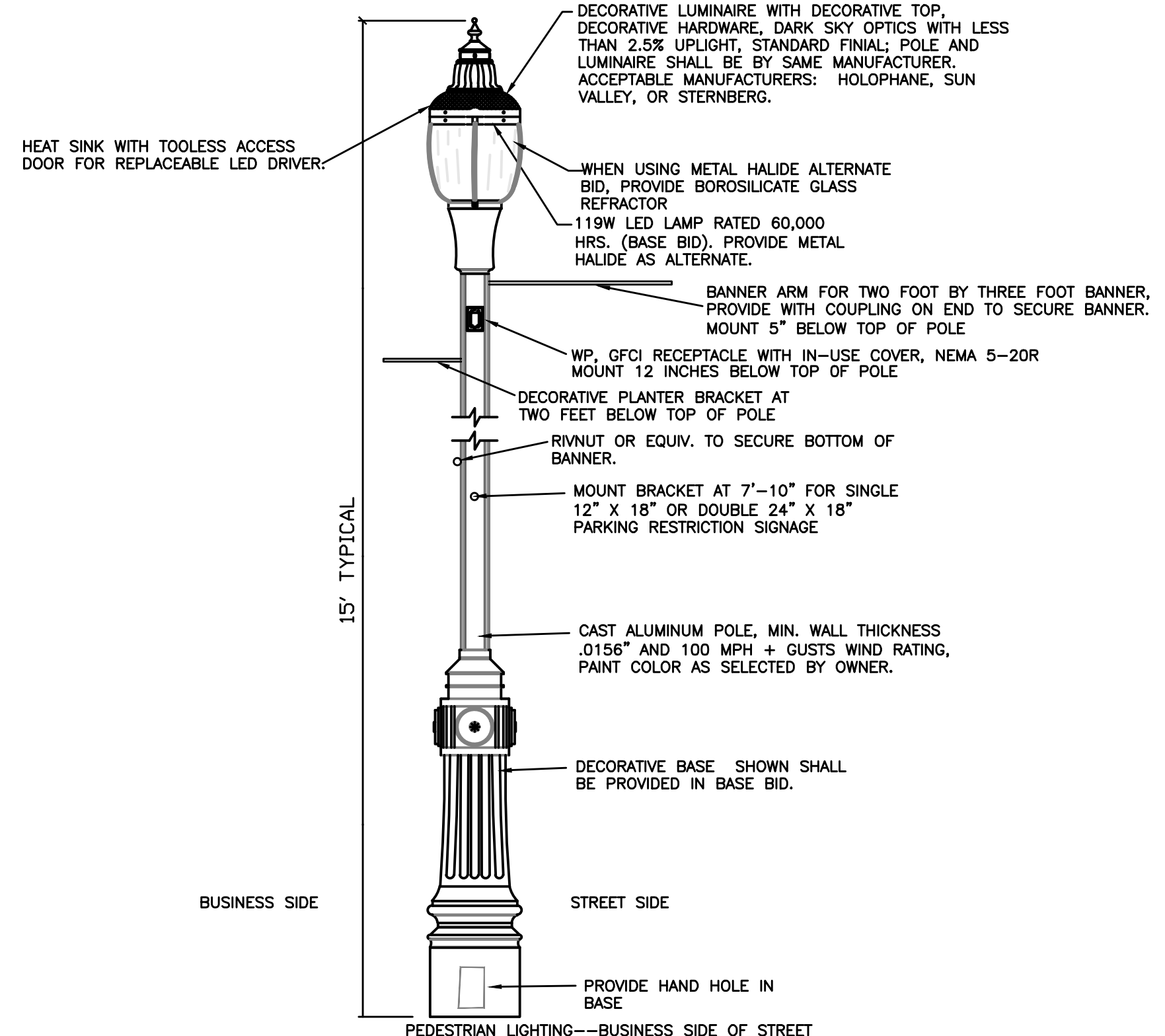
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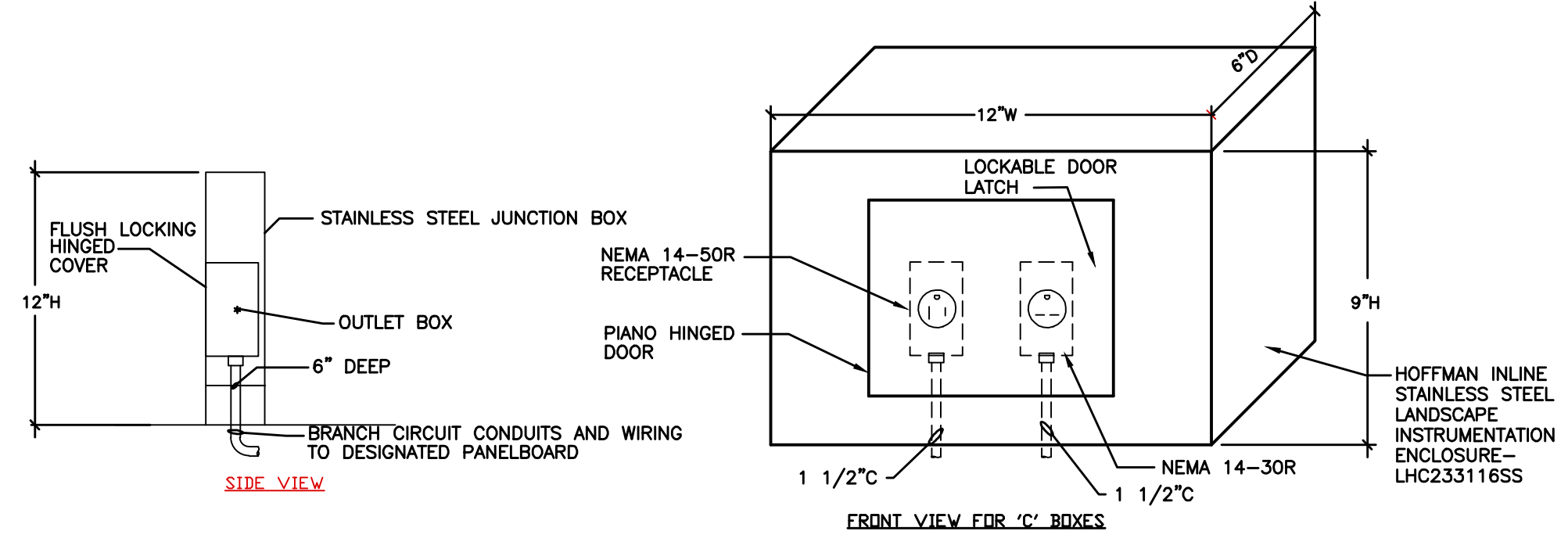
5 BASE DETAIL - FIXTURE TYPE 'SA'

- NOTE:
1. SUBMIT CUT SHEETS AND A SAMPLE POLE, BASE, FIXTURE AND ATTACHMENTS TO C.O.R.M. FOR INSPECTION AND REVIEW.
 2. PROVIDE SCREW-IN-BASE FOR ALL POLES AND LARGE SCREW-IN-BASE FOR POLES INDICATED ON SITE PLANS.



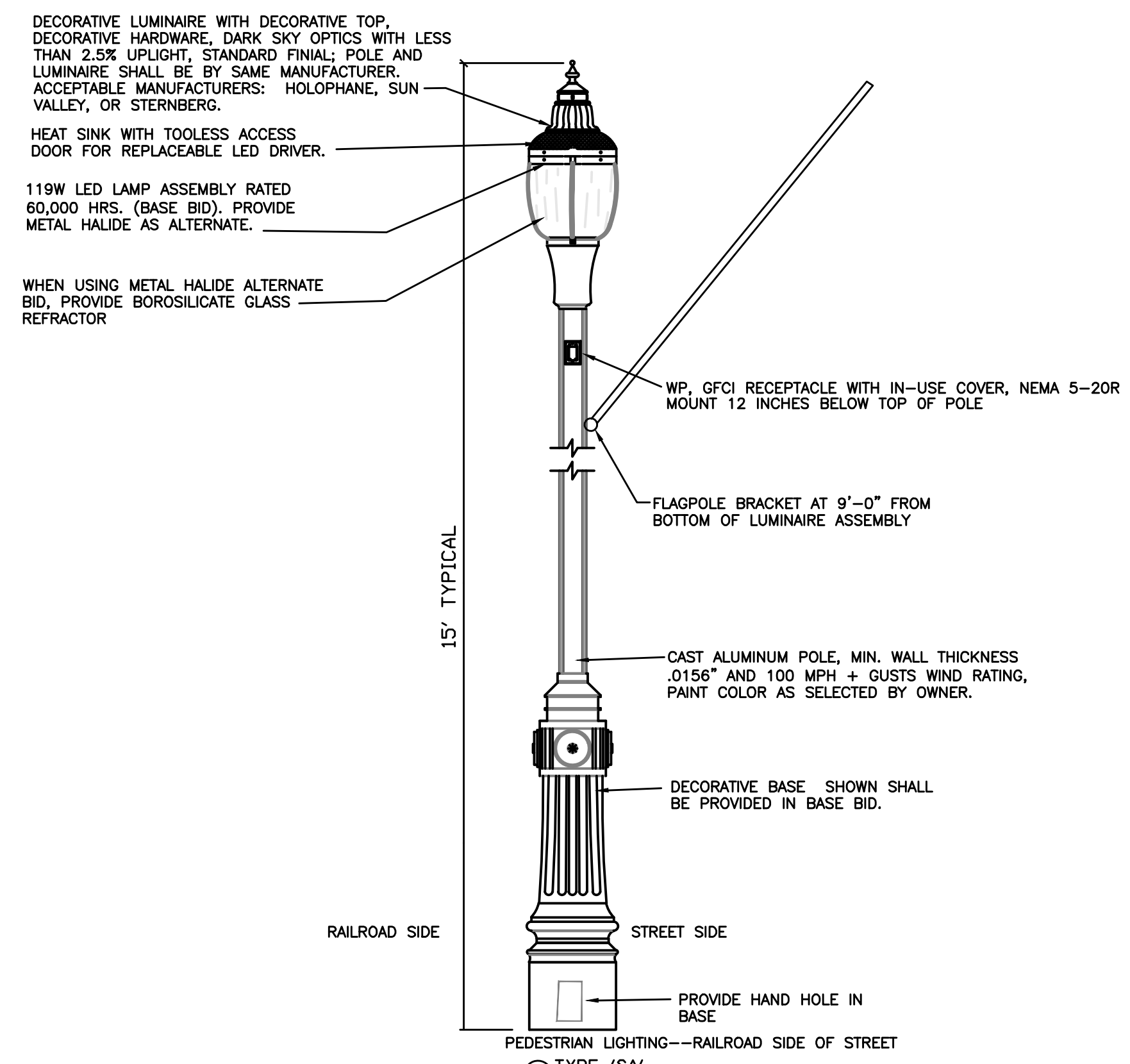
1 TYPE 'SA'

- NOTE:
- A. SEE SPEC FOR DESCRIPTION OF DEDUCT ALTERNATES.
 - B. PROVIDE WITH BANNER BRACKET AS ALTERNATE.
 - C. PROVIDE WITH FLAG POLE ACCESSORY AS ALTERNATE.
 - D. PROVIDE WITH FLAG POLE ACCESSORY AS ALTERNATE.
 - E. SUBMIT PHOTOMETRIC CALCULATIONS WITH BID.
 - F. PROVIDE WIND LOAD RATING FOR POLE ASSEMBLY INCLUDING WITH LUMINAIRE (BASKETS, FLAG, STREET SIGNS, BANNERS, FLAG, STREET SIGNS, BANNERS, AND DECORATIONS).
 - G. IF REQUESTED, PROVIDE SAMPLE OF POLE & LUMINAIRE ASSEMBLY COMPLETE WITH ACCESSORIES AND ALTERNATES DELIVERED TO C.O.R.M. INCLUDING BASE DETAILS AND TYPE. BASES MUST OVERLAP PLATES. NO PART OF CONCRETE BASE OR BOLTS SHALL SHOW, 17" BASE.



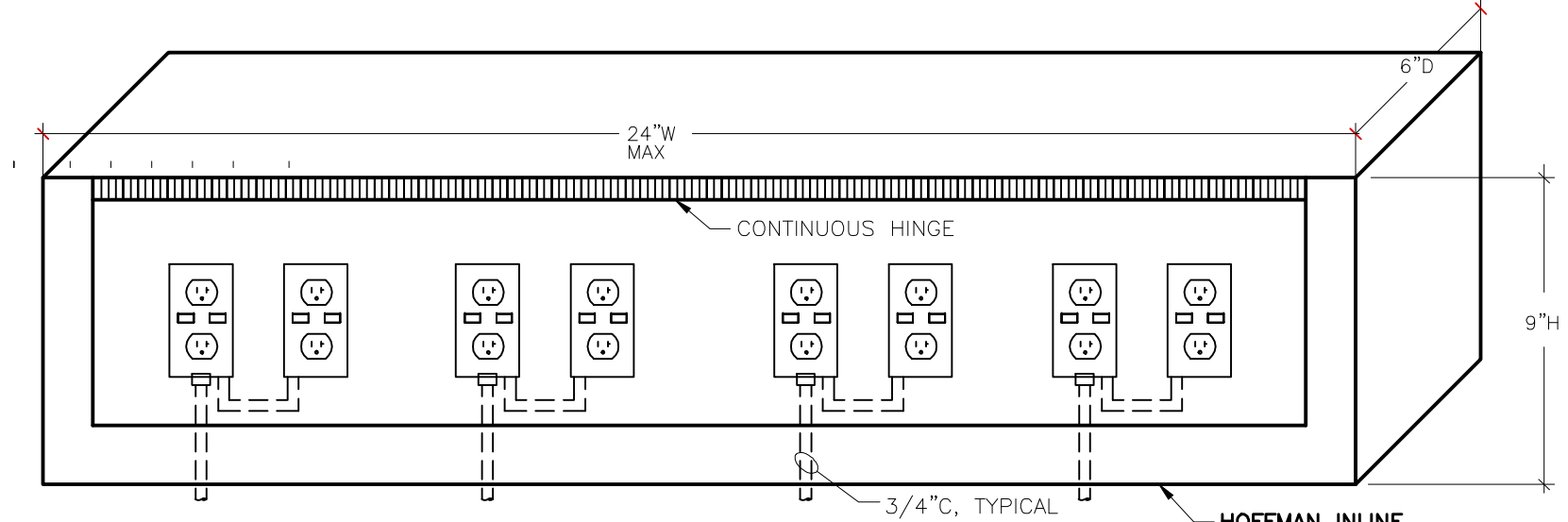
2 DETAIL - TYPES 'C' JUNCTION BOXES

- NOTES:
- A. PROVIDE GROUND FAULT PROTECTION FOR EACH RECEPTACLE CIRCUIT.
 - B. PROVIDE HOFFMAN LHC SERIES LOCKABLE STAINLESS STEEL ENCLOSURE, RATED FOR OUTDOOR USE.



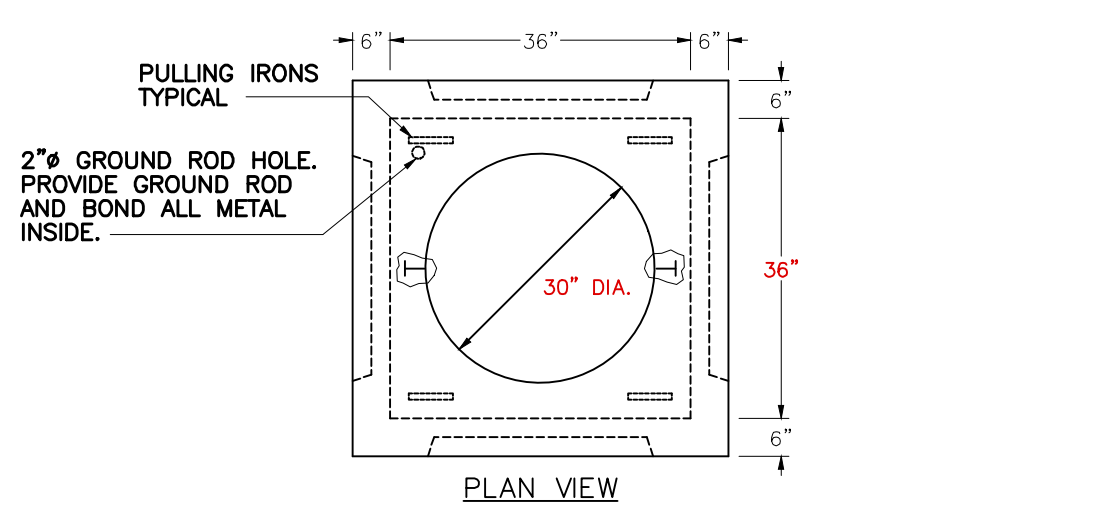
1 TYPE 'SA'

- NOTE:
- A. SEE SPEC FOR DESCRIPTION OF DEDUCT ALTERNATES.
 - B. PROVIDE WITH BANNER BRACKET AS ALTERNATE.
 - C. PROVIDE WITH BASKET BRACKET AS ALTERNATE.
 - D. PROVIDE WITH FLAG POLE ACCESSORY AS ALTERNATE.
 - E. SUBMIT PHOTOMETRIC CALCULATIONS WITH BID.
 - F. PROVIDE WIND LOAD RATING FOR POLE ASSEMBLY INCLUDING WITH LUMINAIRE (BASKETS, FLAG, STREET SIGNS, BANNERS, FLAG, STREET SIGNS, BANNERS, AND DECORATIONS).
 - G. IF REQUESTED, PROVIDE SAMPLE OF POLE & LUMINAIRE ASSEMBLY COMPLETE WITH ACCESSORIES AND ALTERNATES DELIVERED TO C.O.R.M. INCLUDING BASE DETAILS AND TYPE. BASES MUST OVERLAP PLATES. NO PART OF CONCRETE BASE OR BOLTS SHALL SHOW, 17" BASE.



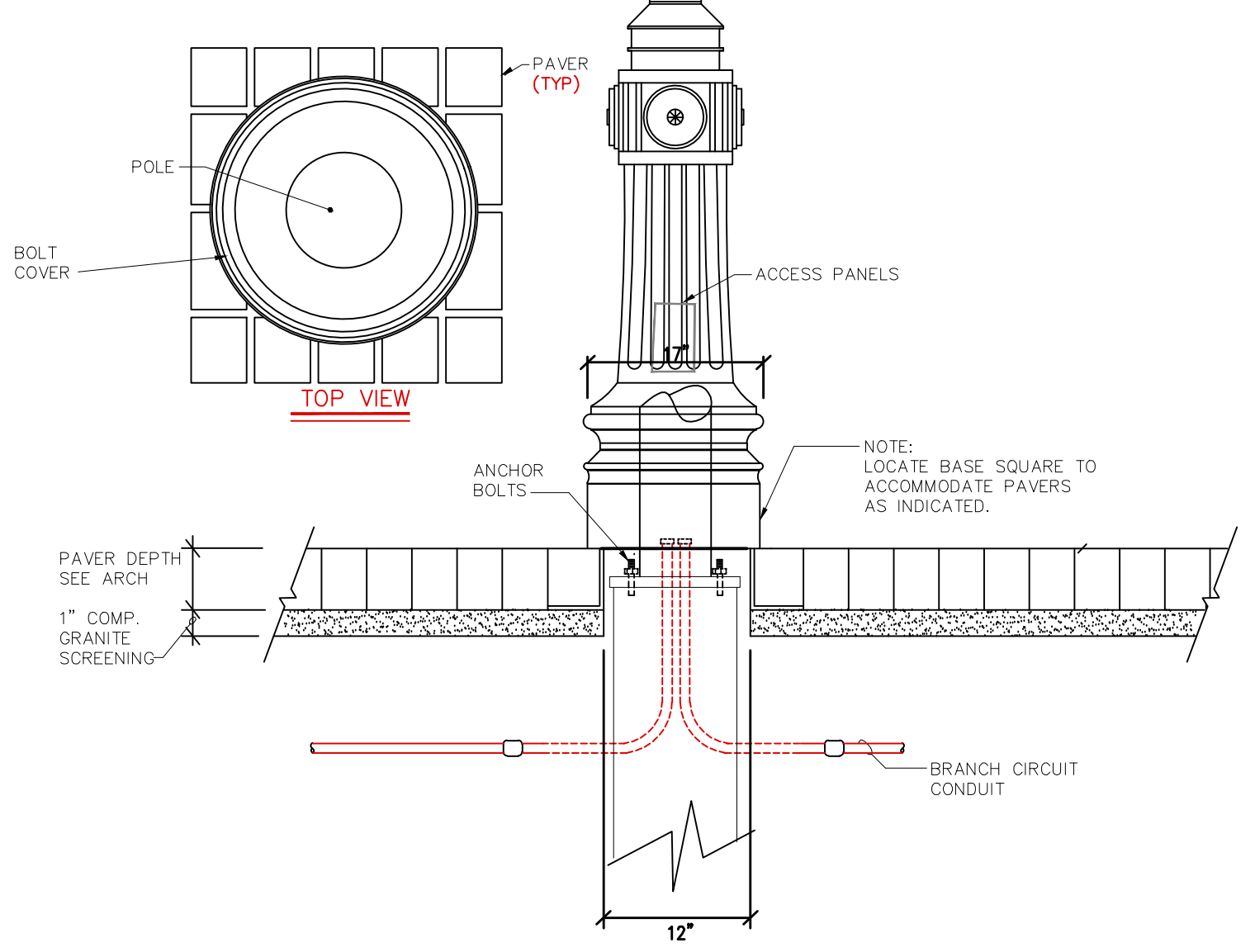
3 DETAIL - TYPE 'A' JUNCTION BOX

- NOTES:
- A. EACH DUPLEX RECEPTACLE IS 5-20R, GFCI TYPE
 - B. EACH RECEPTACLE SHALL HAVE A DEDICATED CIRCUIT
 - C. PROVIDE HOFFMAN LHC SERIES LOCKABLE STAINLESS STEEL ENCLOSURE, RATED FOR OUTDOOR USE.



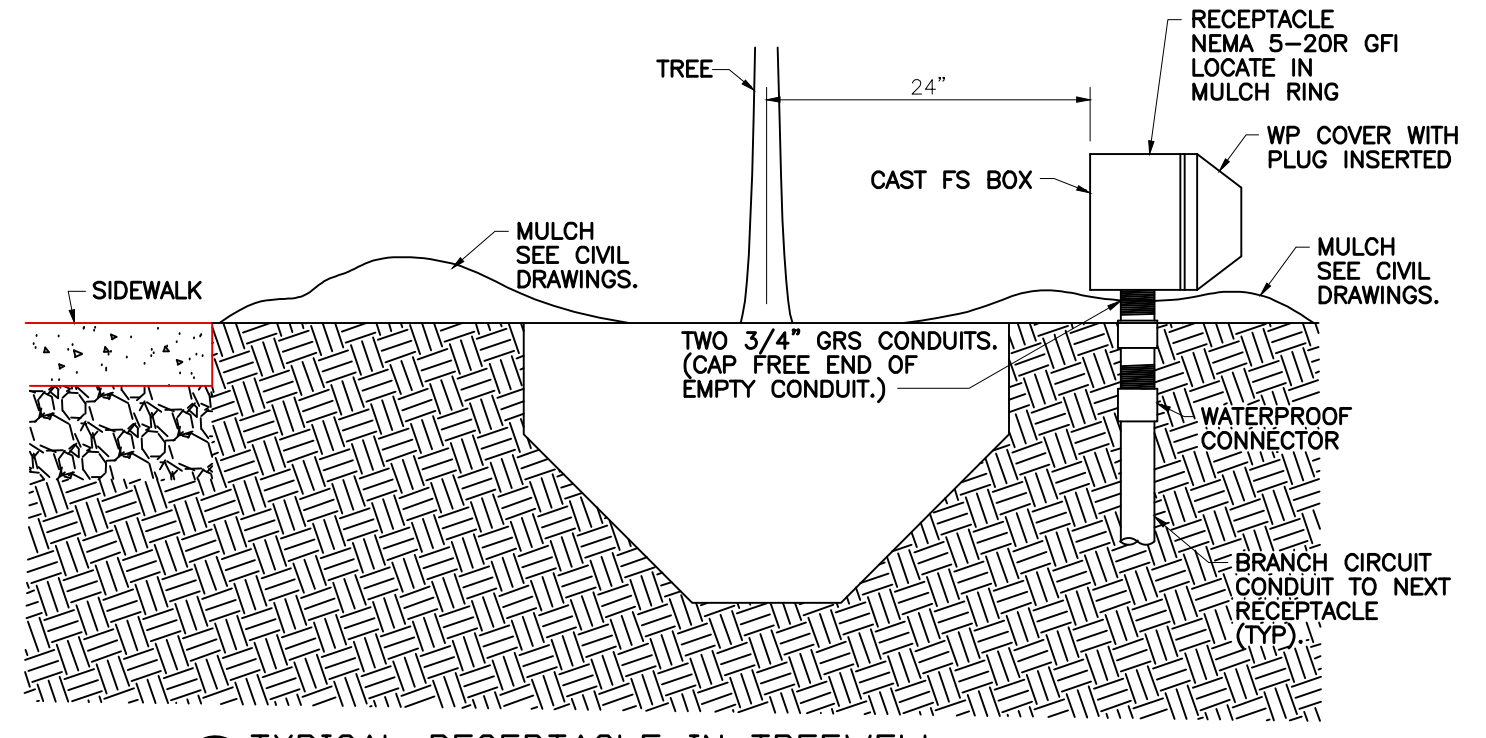
6 CONTROLS SERVICE HANDHOLE DETAILS

- CONCRETE: 4000 PSI AT 28 DAYS
 REINFORCING: AASHTO H-20 BRIDGE LOADING SUITABLE FOR 18-WHEEL TRUCKS TRAFFIC & PARKING.
 MANUFACTURER: STAY-RIGHTANK, RALEIGH, NC. (919)876-8600 OR APPROVED EQUAL.



6 BASE DETAIL (ADD ALTERNATE) - FIXTURE TYPE 'SA'

- NOTE:
1. SUBMIT CUT SHEETS AND A SAMPLE POLE, BASE, FIXTURE AND ATTACHMENTS TO C.O.R.M. FOR INSPECTION AND REVIEW.
 2. PROVIDE SCREW-IN-BASE FOR ALL POLES AND LARGE SCREW-IN-BASE FOR POLES INDICATED ON SITE PLANS.



4 TYPICAL RECEPTACLE IN TREEWELL



1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO HAVE ALL EXISTING UTILITIES LOCATED.
3. ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

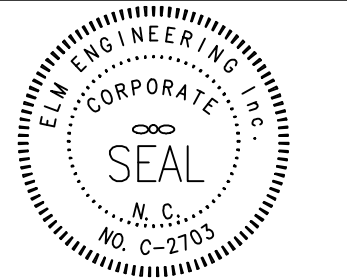
ELECTRICAL PLAN

ELM PROJECT NUMBER: 208015.00

ISSUED: 11.01.10

REVISED: # COMMENTS:

11.01.10	1	Addendum #6
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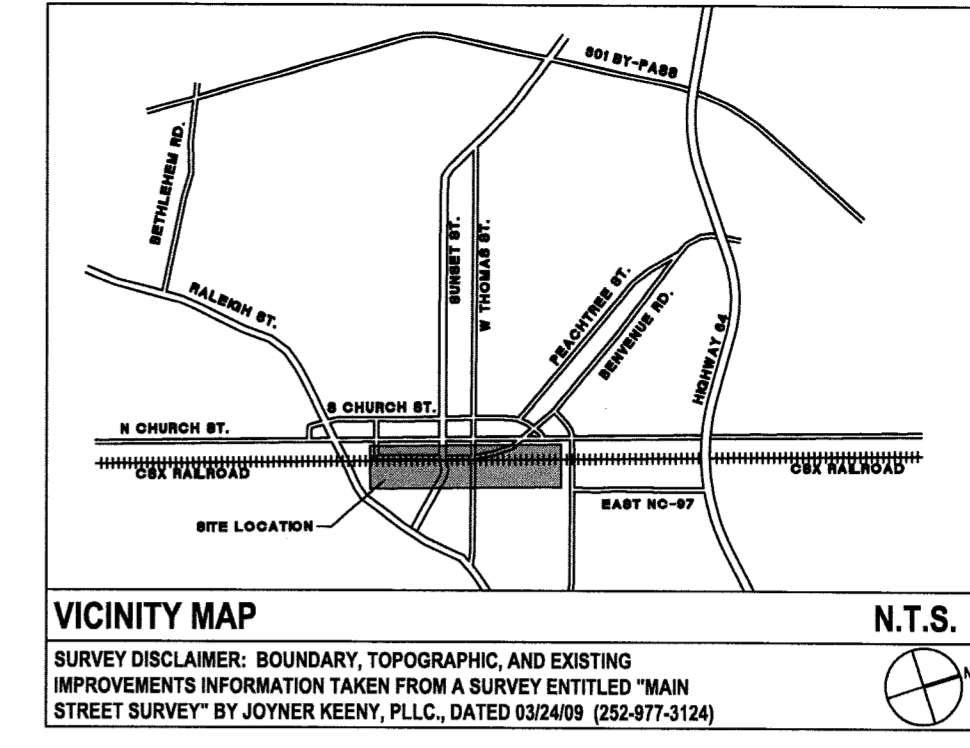
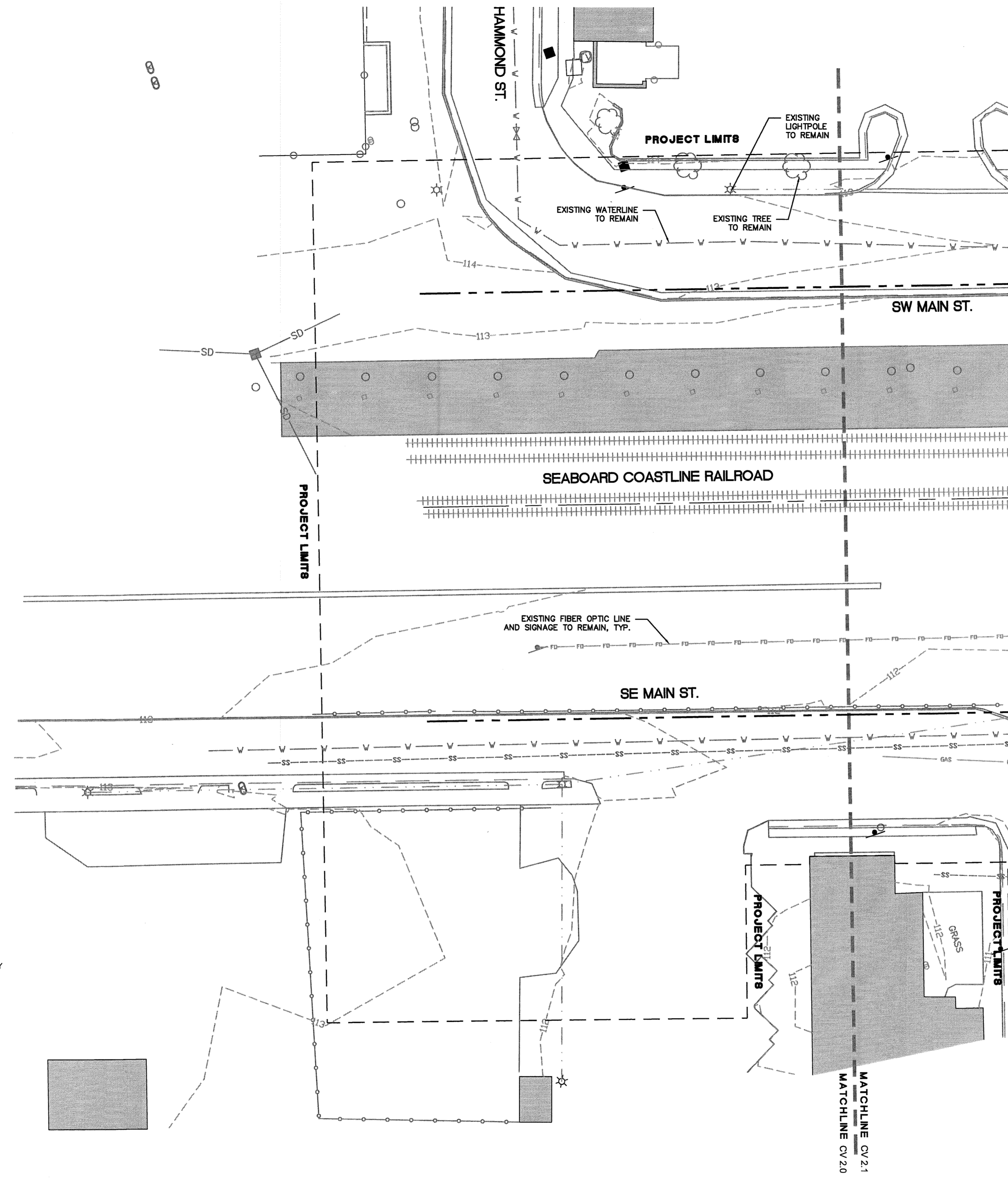


11/01/10

CV13.15

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LEGEND (DEMOLITION)

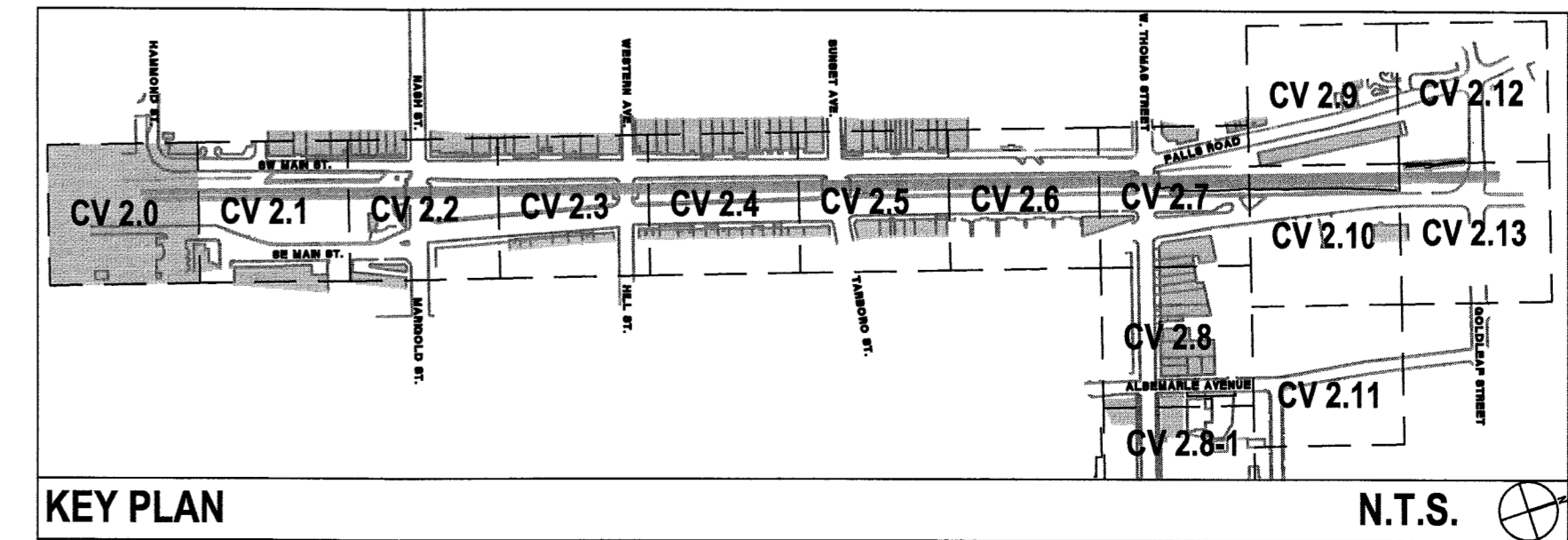
SYMBOL	DETAIL
	CONCRETE TO BE REMOVED -/-
	ASPHALT TO BE REMOVED -/-
	CURB TO BE REMOVED -/-
	WATERLINE TO BE REMOVED -/-
	STORM DRAINAGE TO BE REMOVED -/-
	GAS LINE TO BE REMOVED -/-
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED -/-
	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-

DEMOLITION PLAN NOTES

- ALL EXISTING RAILROAD RELATED EQUIPMENT TO BE PROTECTED IN PLACE.
- CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND SEQUENCING OF DEMOLITION AS DESCRIBED BY THESE DOCUMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DEMOLITION OR RELOCATION WITH APPLICABLE UTILITY COMPANIES, IE, GAS, CABLE, POWER, TELEPHONE, WATER, SEWER, ETC.
- CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY FIX ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE. THE OWNER WILL PAY TO MOVE OR REPAIR ANY UTILITIES ENCOUNTERED DURING CONSTRUCTION WHICH ARE NOT IDENTIFIED ON CONSTRUCTION DOCUMENTS OR SITE SURVEY.
- ALL MATERIAL GENERATED BY THE DEMOLITION WILL BE HAULED FROM THE SITE AND DISPOSED OF PER LOCAL ORDINANCES.
- SAW-CUT CONCRETE AND ASPHALT PAVEMENT, SIDEWALK OR CURB AND GUTTER BEFORE EXCAVATION WHERE CONSTRUCTION PLANS SHOW THE INS.
- CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING CONSTRUCTION PER WORK AREA TRAFFIC CONTROL HANDBOOK STANDARDS. (W.A.T.C.H.)
- CONTRACTOR SHALL COORDINATE ALL DEMOLITION OR INSTALLATION WORK WITHIN RIGHT-OF-WAY OF PUBLIC ROADS PROJECT LIMITS WITH THE CITY OF ROCKY MOUNT.
- DEMOLITION OF STORM DRAINAGE AND SANITARY SEWER SYSTEM(S) BY CONTRACTOR SHALL ALLOW FOR CONTINUOUS USE OF THE SYSTEM(S).
- REPAIR OR REPLACE ANY ADJACENT CONCRETE CURBING AND/OR SIDEWALK DAMAGED AS PART OF DEMOLITION PROCESS.
- EXISTING SANITARY SEWER LINE TO BE ABANDONED IN PLACE. ALL SERVICE LATERALS MUST BE RECONNECTED TO A NEW SANITARY SEWER MAIN PRIOR TO ABANDONMENT. SEE DETAILS 8 & 11/CV6.15.
- ALL DOMESTIC WATER SERVICES, FIRE DEPT CONNECTIONS, AND FIRE HYDRANT CONNECTIONS MUST BE RECONNECTED TO A NEW WATER MAIN PRIOR TO REMOVAL OF EXISTING LINE.
- EXISTING PIPES WITHIN THE RAILROAD INFLUENCE LINE OF CSXT THAT ARE SCHEDULED TO BE REMOVED MUST BE FULLY GROUTED AND REMAIN IN PLACE. PLANS DATED 04.22.10 DO NOT SHOW DEMOLITION OF EXISTING UTILITIES THAT ARE WITHIN THE RAILROAD INFLUENCE LINE OF CSXT. CONTRACTOR SHALL CONTACT COLEJENEST & STONE, P.A. TO CONFIRM THAT DESIGN AT THE START OF CONSTRUCTION HAS NOT BEEN REVISED TO SHOW REMOVAL OF UTILITIES WITHIN THE RAILROAD INFLUENCE LINE.
- PLEASE SEE SHEETS CV 1.0 - CV 1.14 FOR EROSION CONTROL. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PER SHEET CV 1.14



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
- CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL WAIT FOR INSTRUCTION FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

NO.	DATE	REVISIONS PER AECENR COMMENTS
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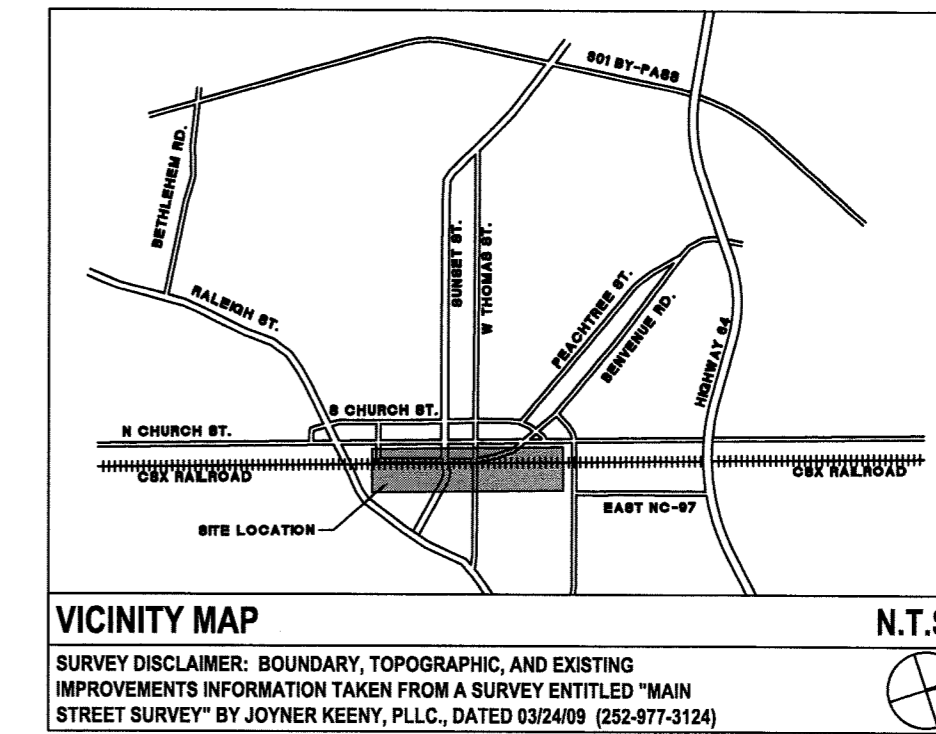
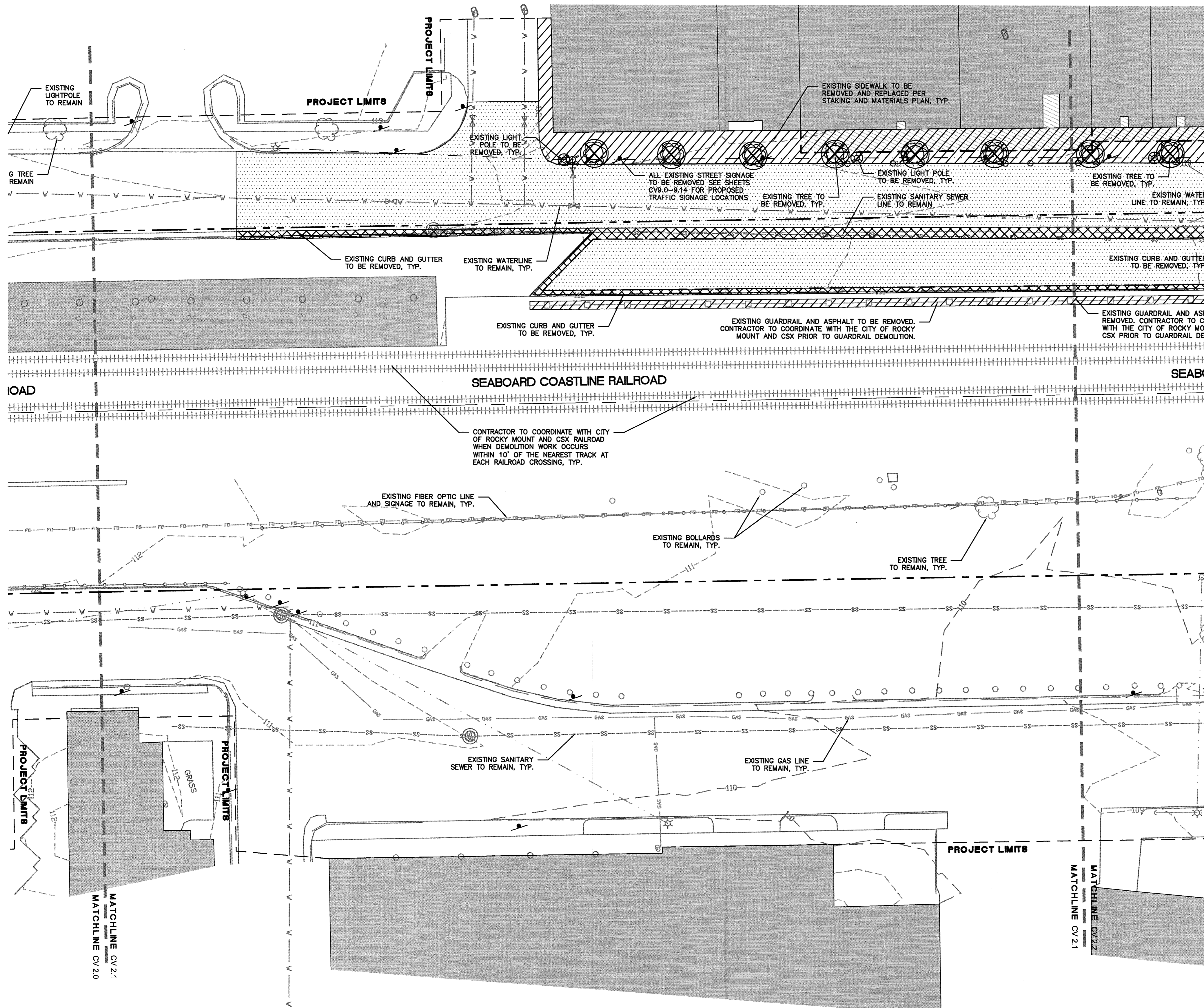
SCALE: 1"=20'



CV 2.0

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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED -/-
	ASPHALT TO BE REMOVED -/-
	CURB TO BE REMOVED -/-
	WATERLINE TO BE REMOVED -/-
	STORM DRAINAGE TO BE REMOVED -/-
	GAS LINE TO BE REMOVED -/-
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED -/-
	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-

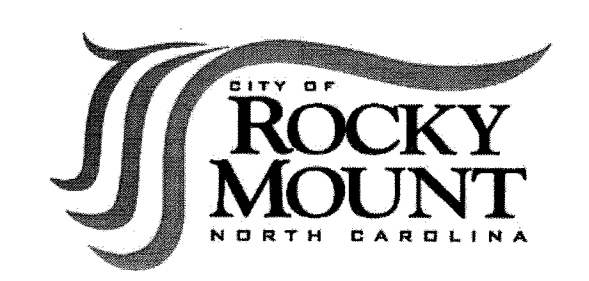
Harris & Associates, Inc.
Construction Consultants

MORTAR&ink
Graphic Design for the Built World

elm
LANDSCAPE ARCHITECTURE

HNTB
NATIONAL HIGHWAY TRANSPORTATION BUILDING

Colajennet & Stone
ENGINEERS & ARCHITECTS



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

DATE	NO.	REVISIONS PER NCDENR COMMENTS
07.22.10	1	REVISIONS PER NCDENR COMMENTS
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COLAJENNET & STONE, P.A.
INCORPORATED
SCALE: C-100
C-100
C-100

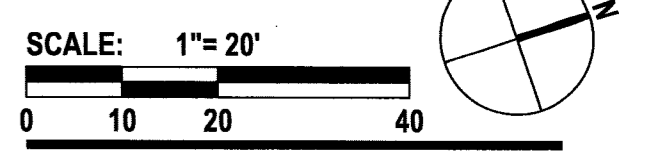
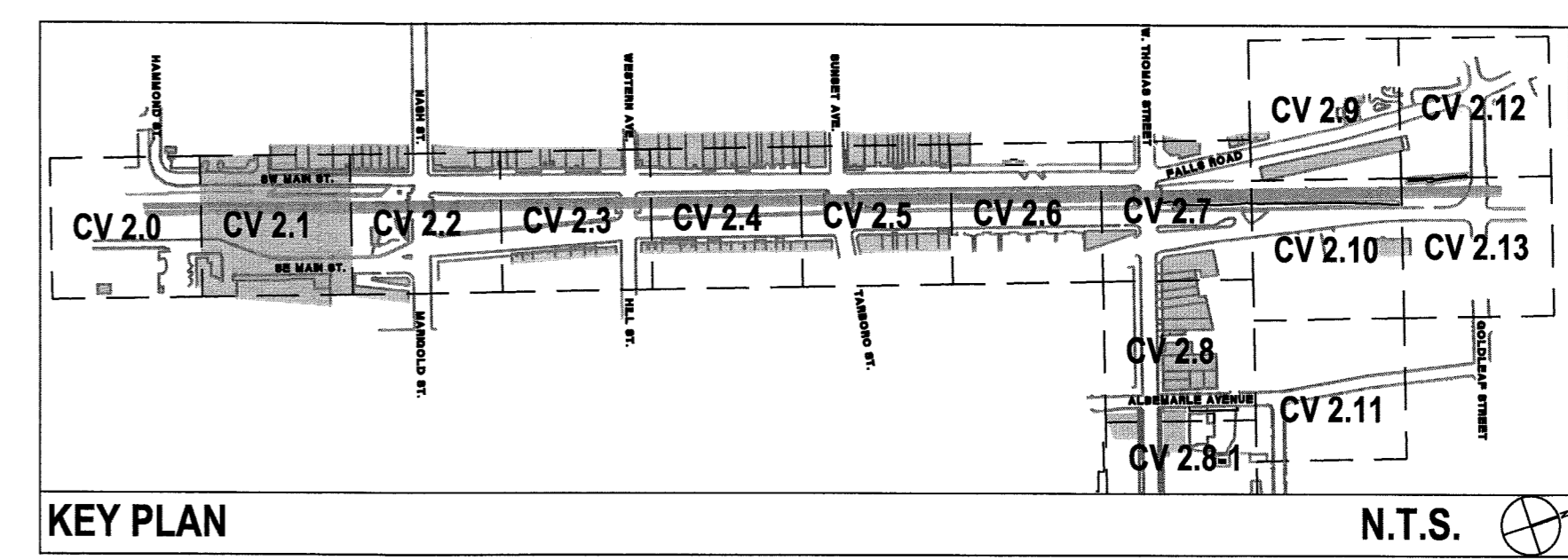
SEAL
25546

REGISTERED PROFESSIONAL ENGINEER
ROBERT M. BAYSEY
07/22/10



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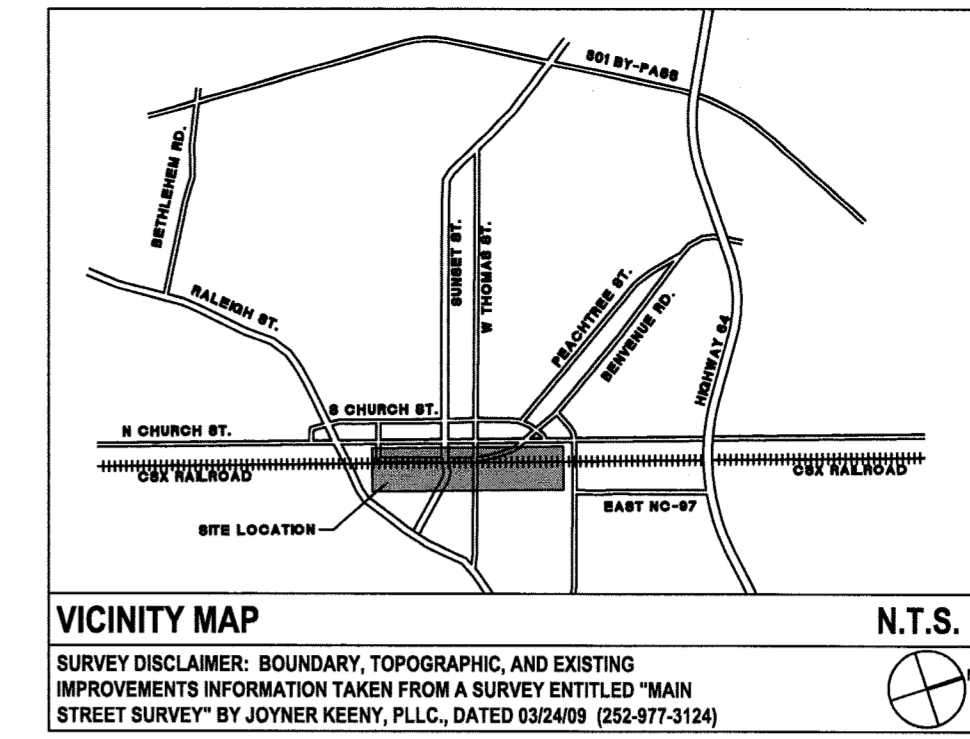
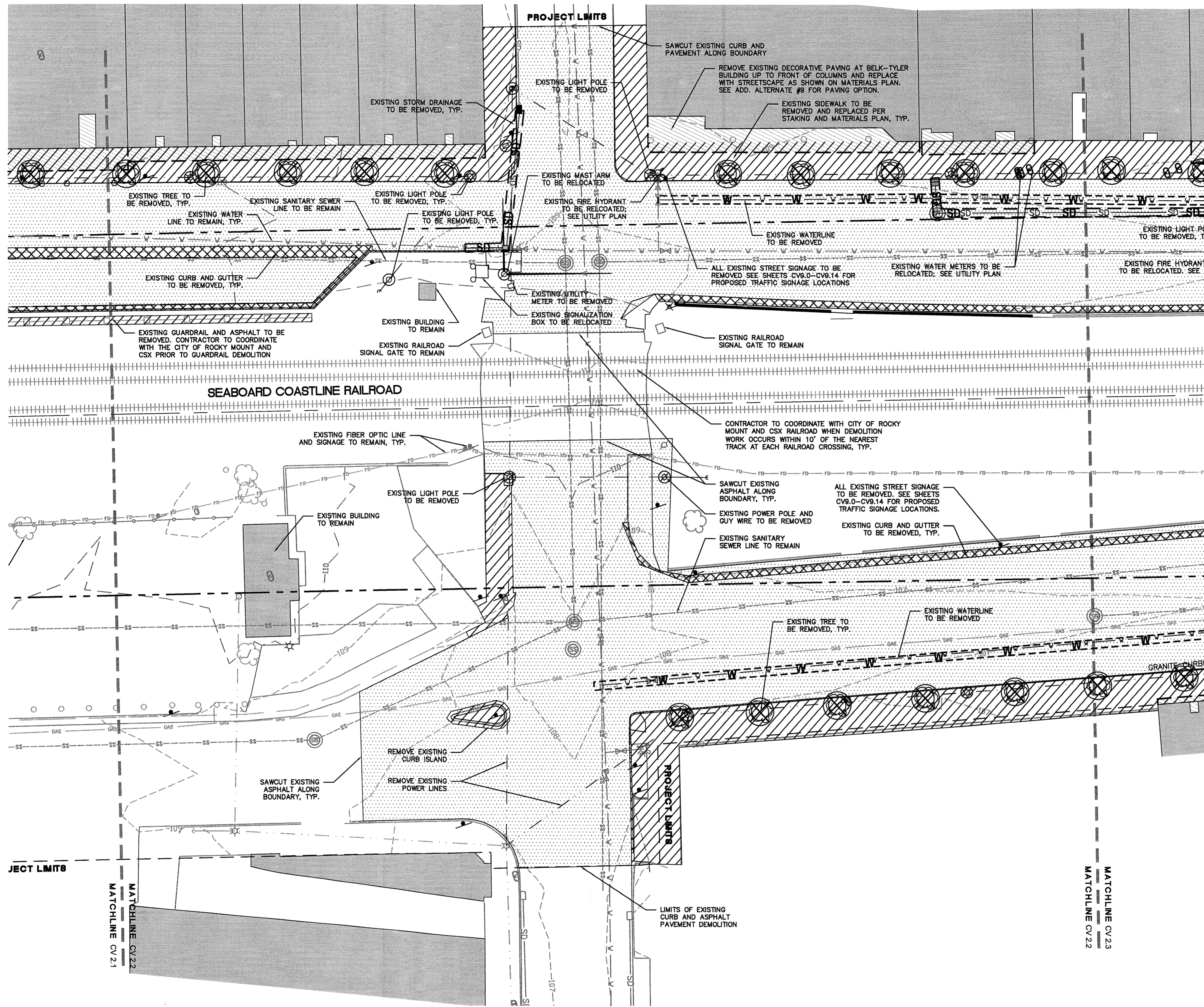
GENERAL NOTE:
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CV 2.1

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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED --
	ASPHALT TO BE REMOVED --
	CURB TO BE REMOVED --
	WATERLINE TO BE REMOVED --
	STORM DRAINAGE TO BE REMOVED --
	GAS LINE TO BE REMOVED --
	TREE TO BE REMOVED --
	TREE TO BE TRANSPLANTED --
	LIGHT FIXTURE TO BE REMOVED --
	TREE PROTECTION FENCING --



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

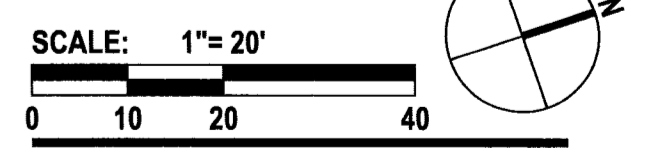
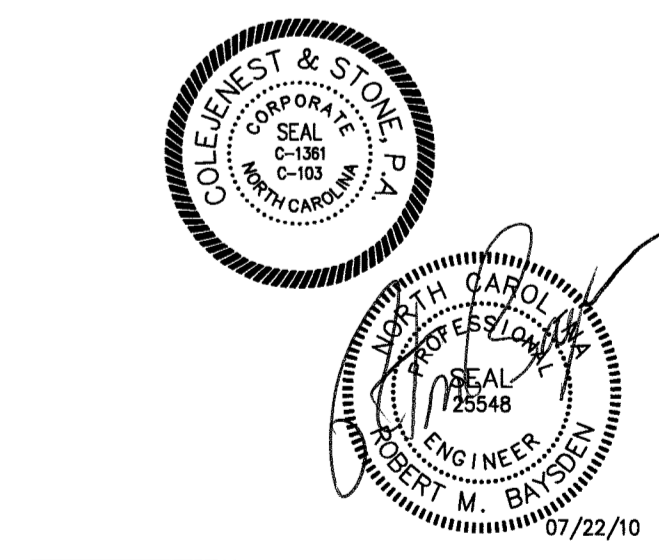
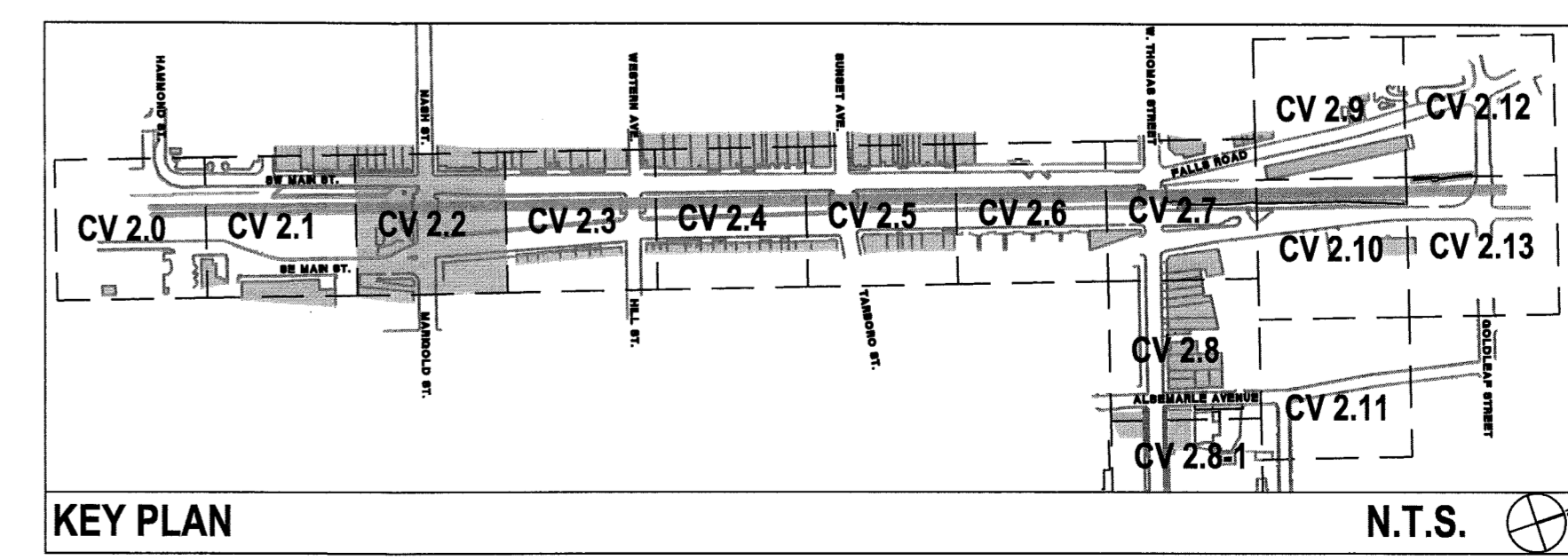
REVISED: # COMMENTS:

REVISED	#	COMMENTS
07.22.10	1	REVISIONS PER NCDENR COMMENTS
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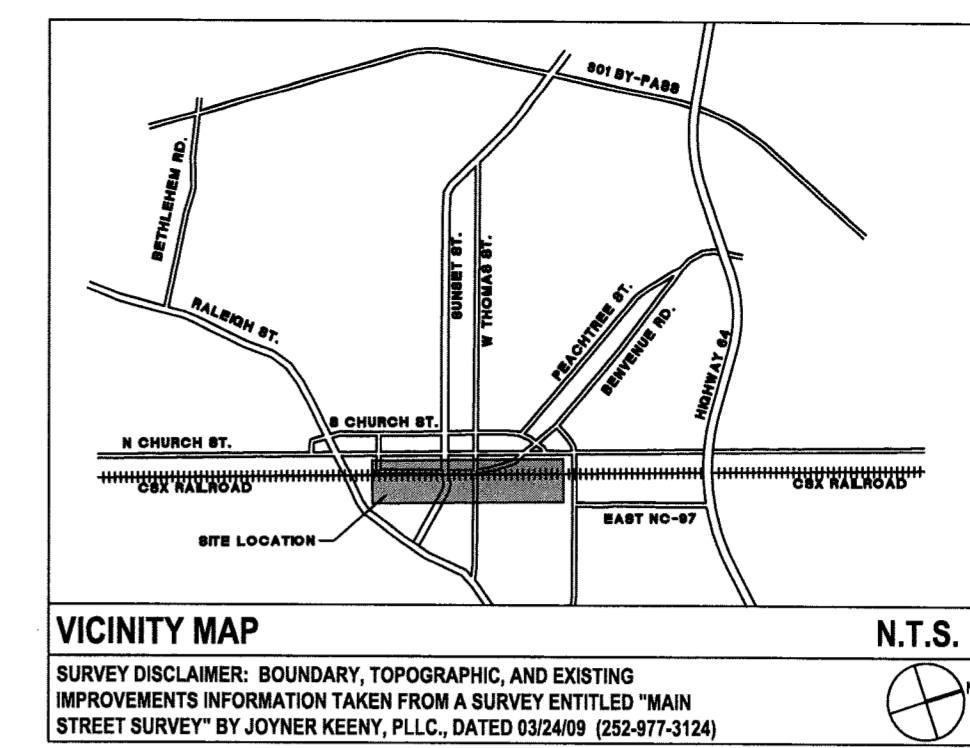
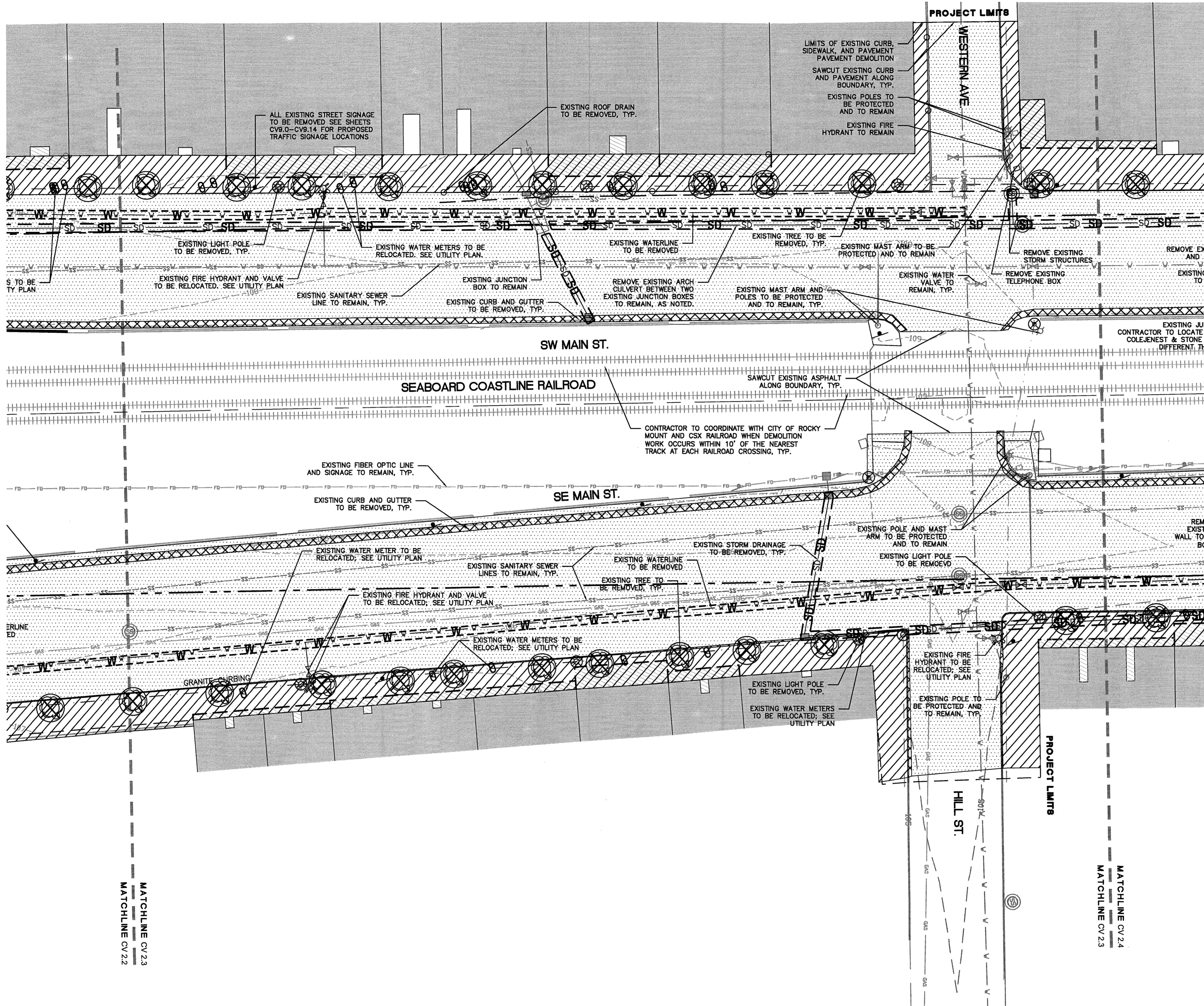
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CV 2.2

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LEGEND (DEMOLITION)

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	ASPHALT TO BE REMOVED
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	TREE TO BE REMOVED
	TREE TO BE TRANSPLANTED
	LIGHT FIXTURE TO BE REMOVED
	TREE PROTECTION FENCING



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

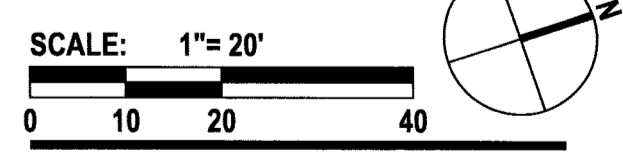
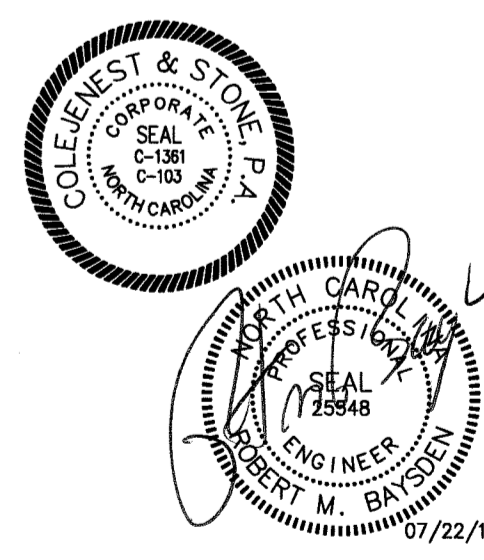
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

NO.	DATE	REVISIONS PER NCDENR COMMENTS
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CV 2.3

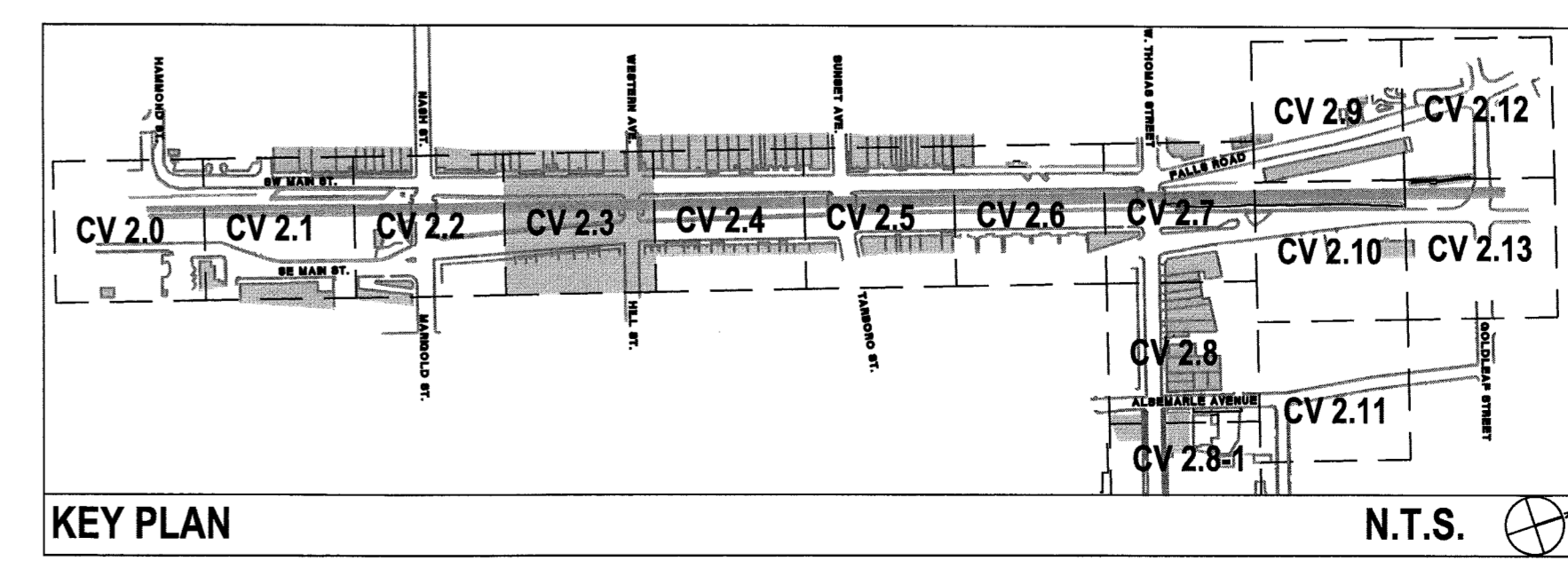
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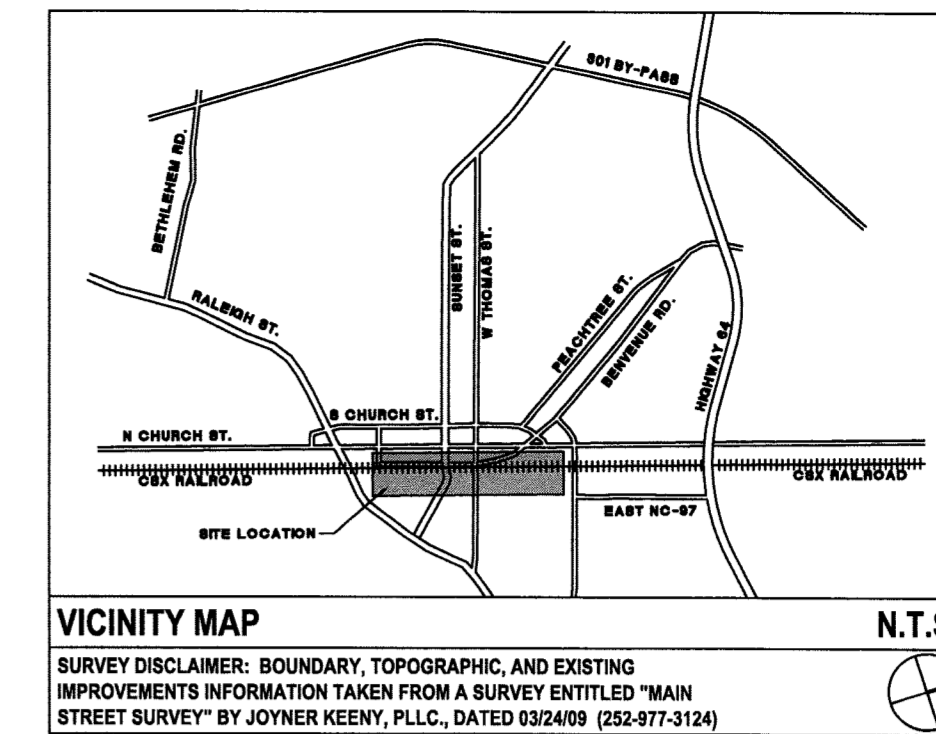
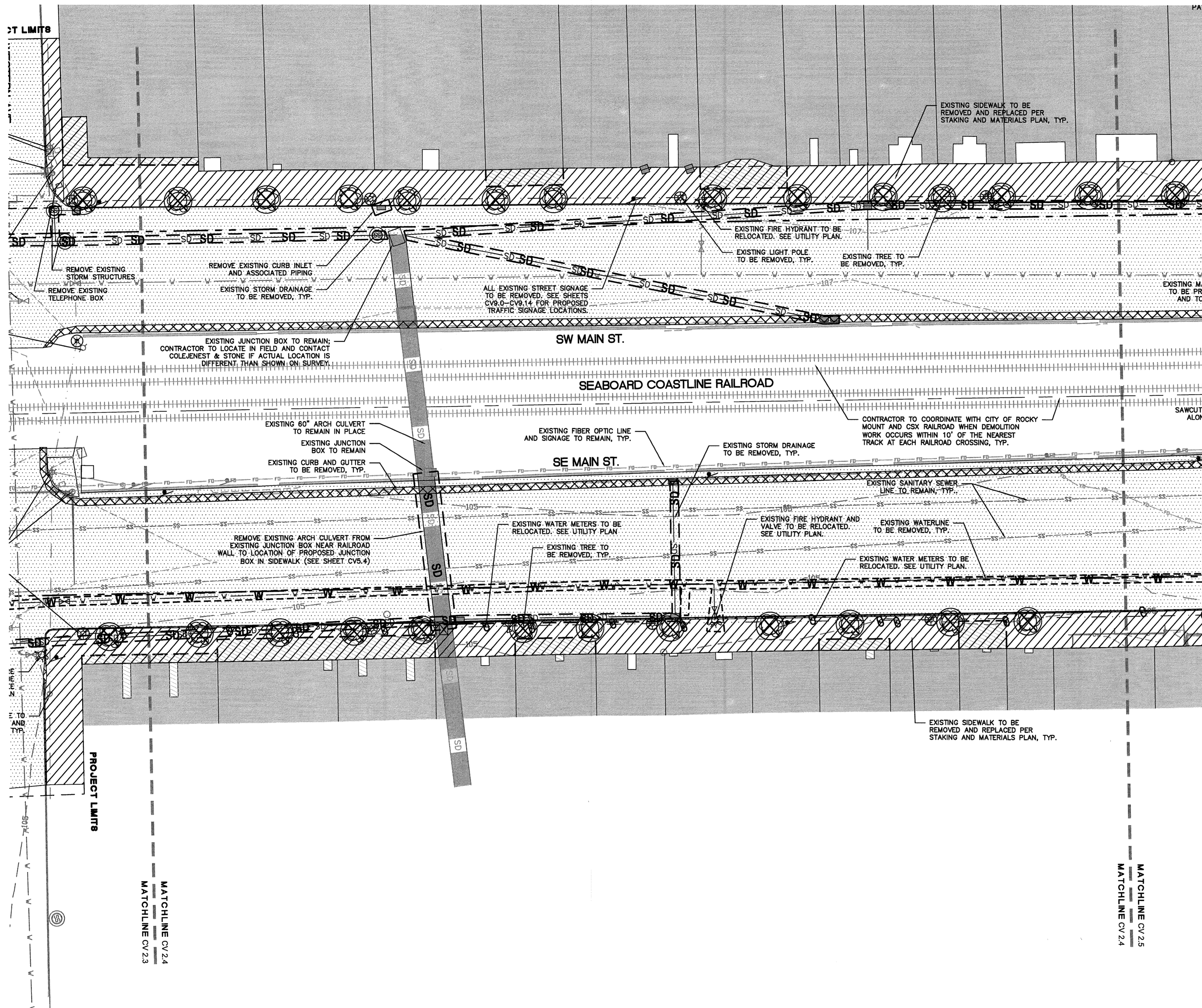
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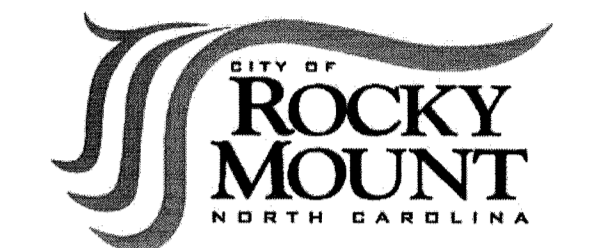
GENERAL NOTE:
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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED
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	GAS LINE TO BE REMOVED
	TREE TO BE REMOVED
	TREE TO BE TRANSPLANTED
	LIGHT FIXTURE TO BE REMOVED
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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

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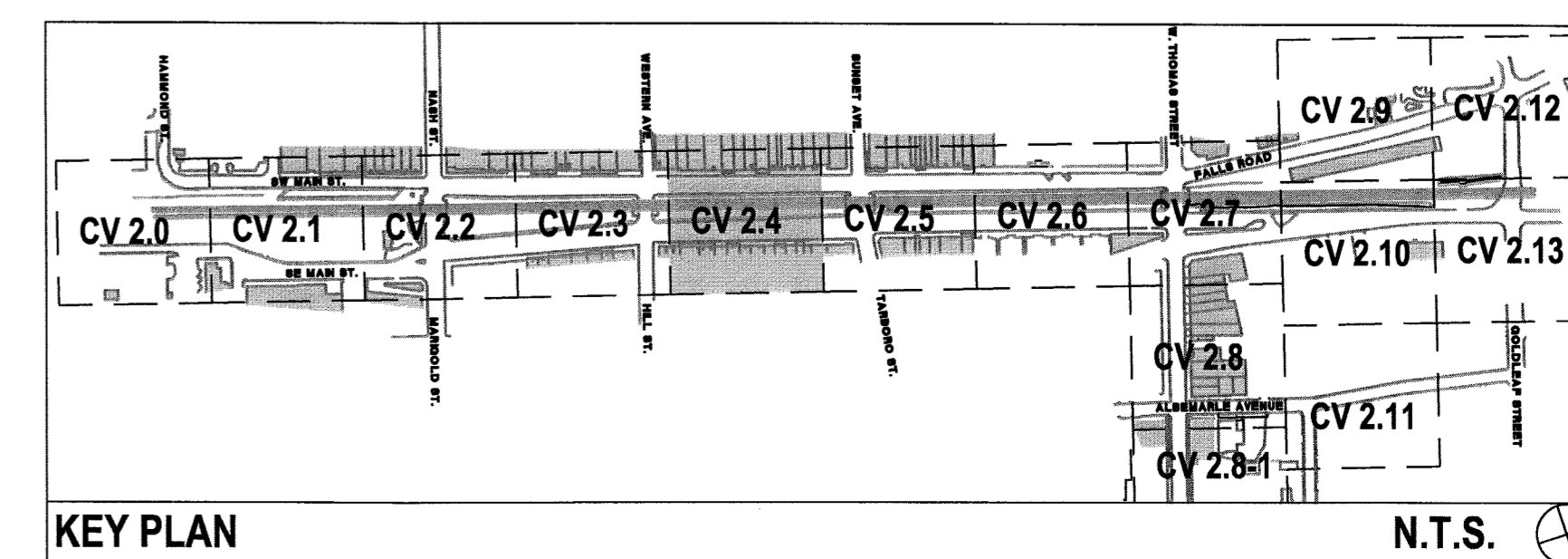
07/22/10

PLEASE SEE SHEET CV 2.14 FOR DEMOLITION NOTES.

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GENERAL NOTE:
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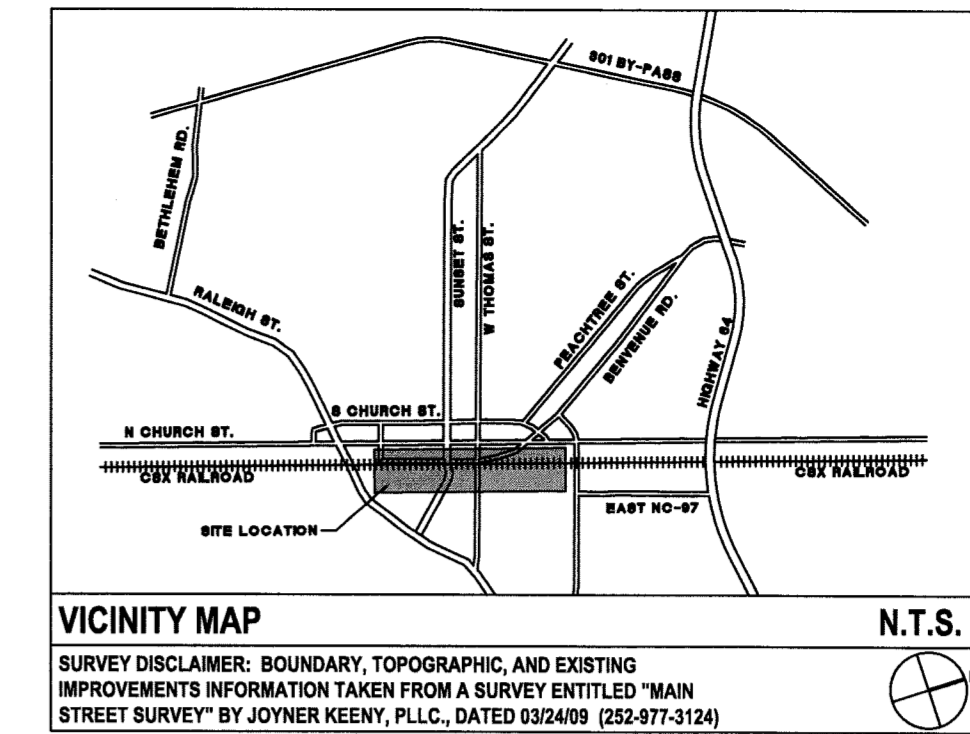
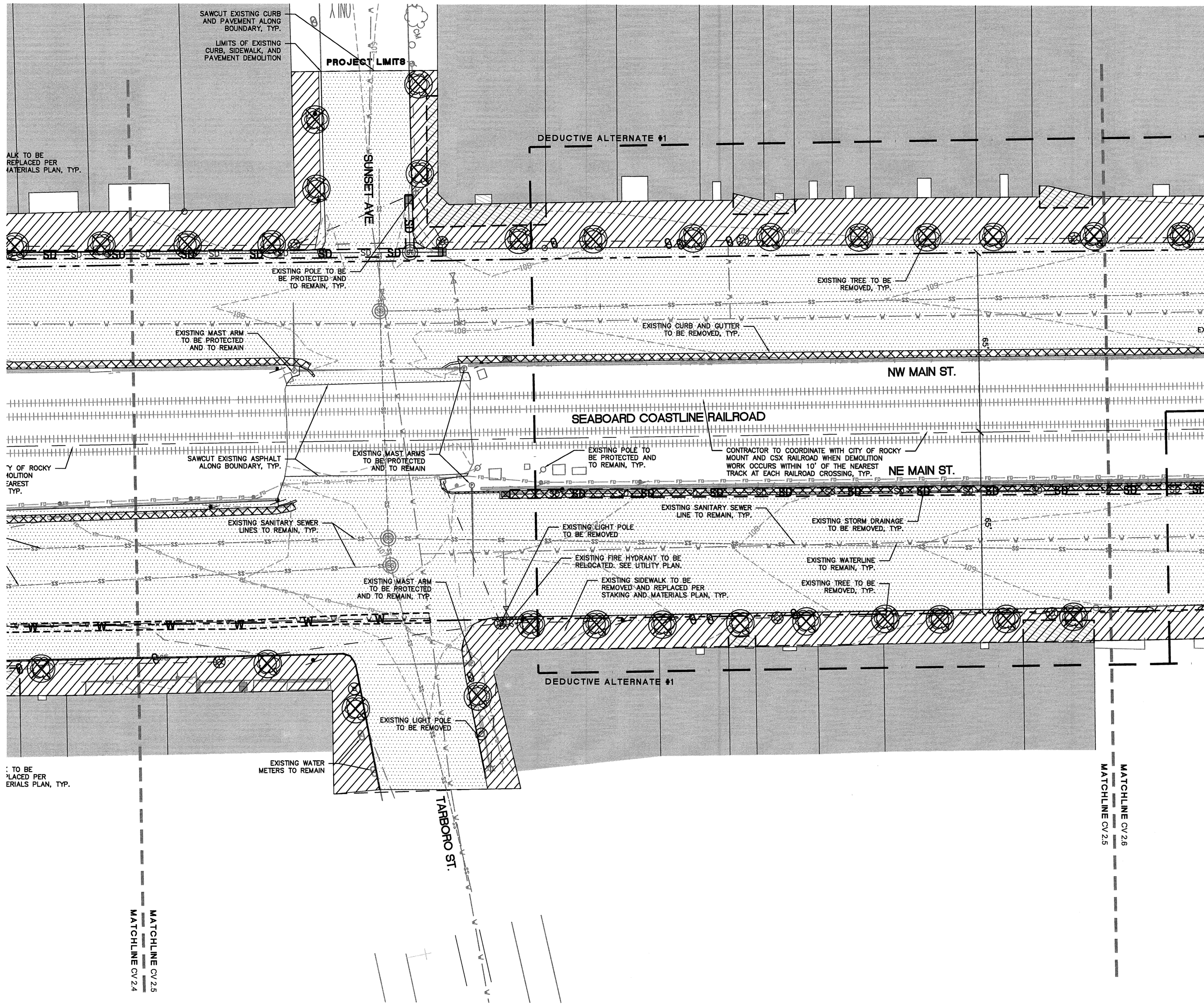
SCALE: 1"= 20'



CV 2.4

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LEGEND (DEMOLITION)

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	TREE PROTECTION FENCING



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

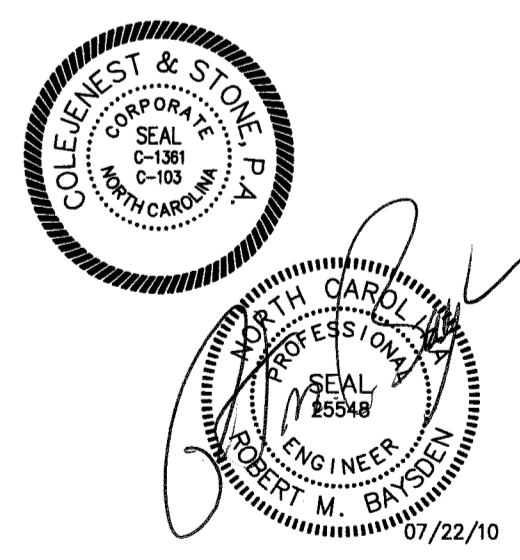
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ISSUED:

04.22.10

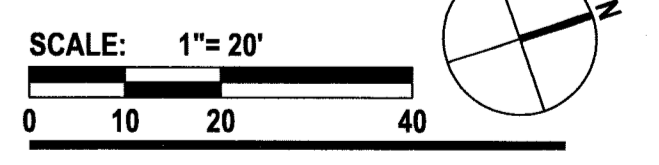
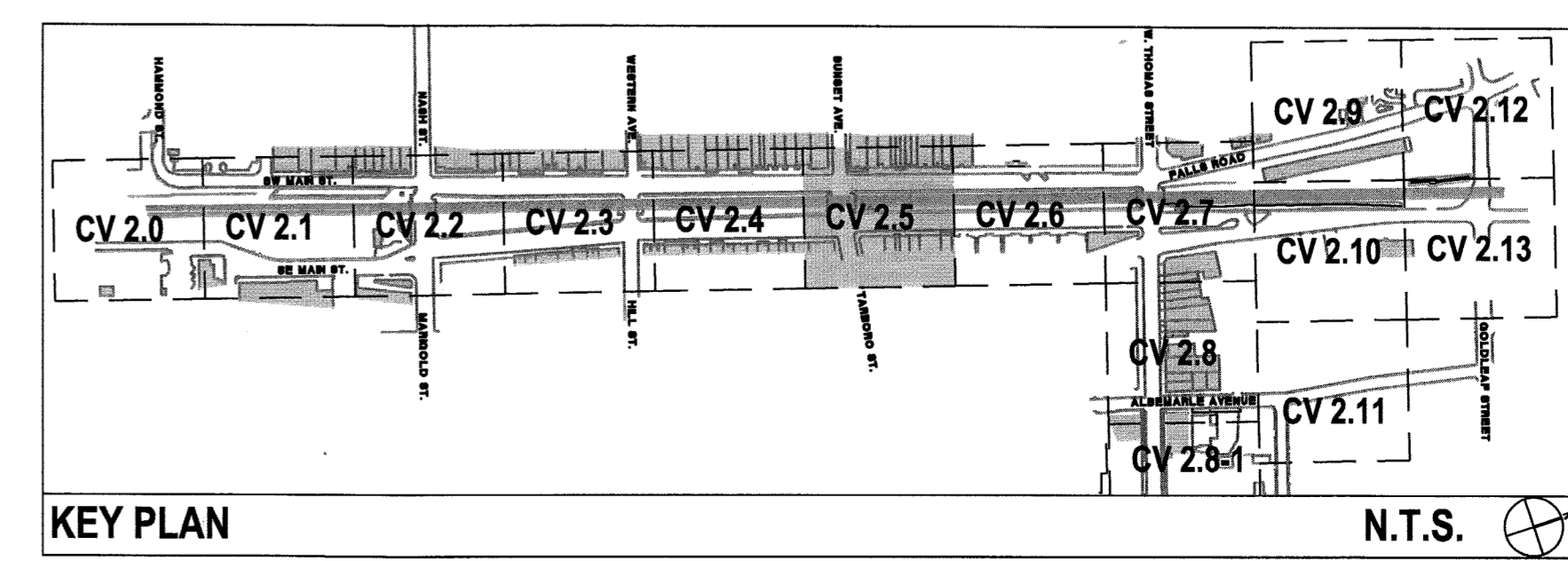
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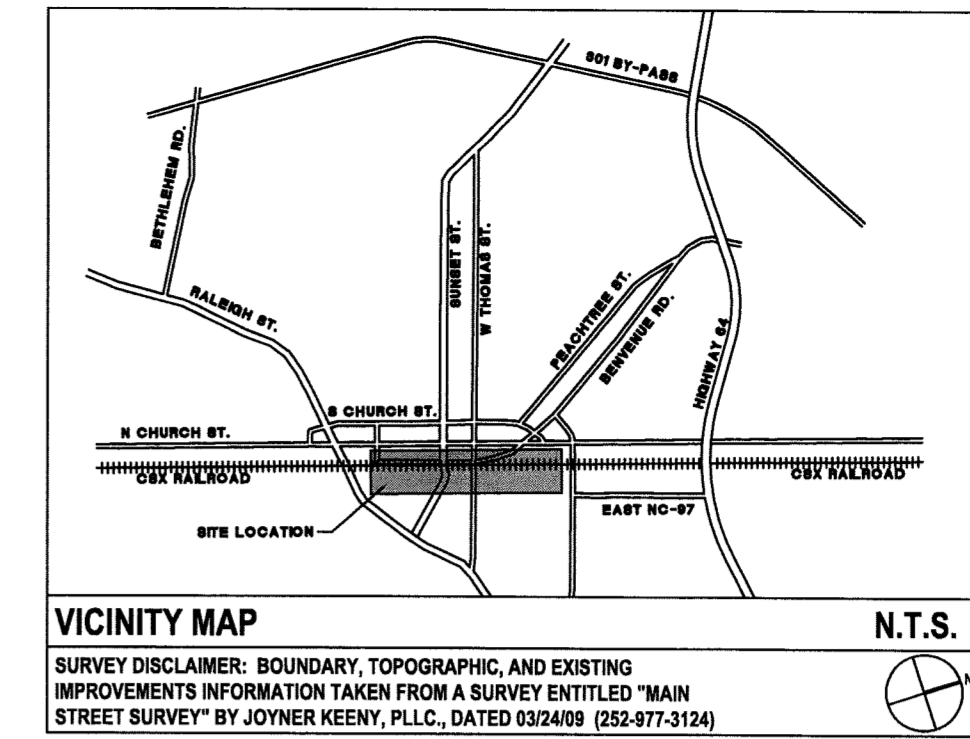
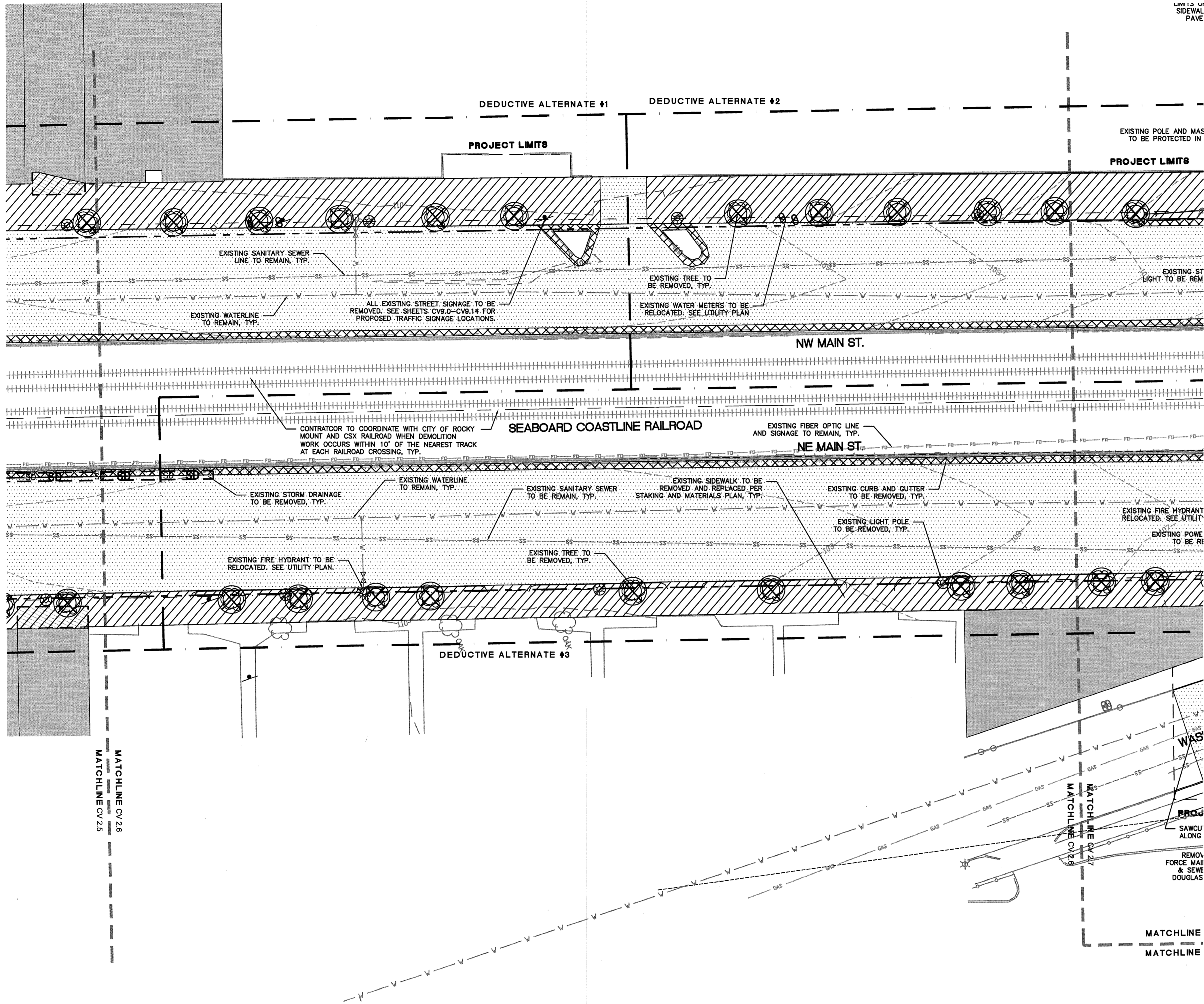
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CV 2.5

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	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-

Harris & Associates, Inc. Construction Consultants

MORTAR&ink Graphic Design for the Built World

elm

HNTB

City of Rocky Mount North Carolina

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

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COLEJENEST & STONE, P.A. SEAL C-1381 NORTH CAROLINA

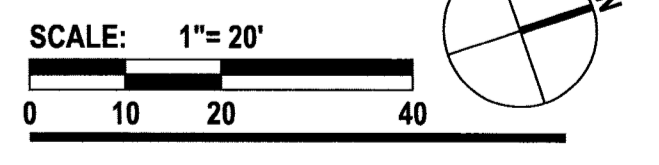
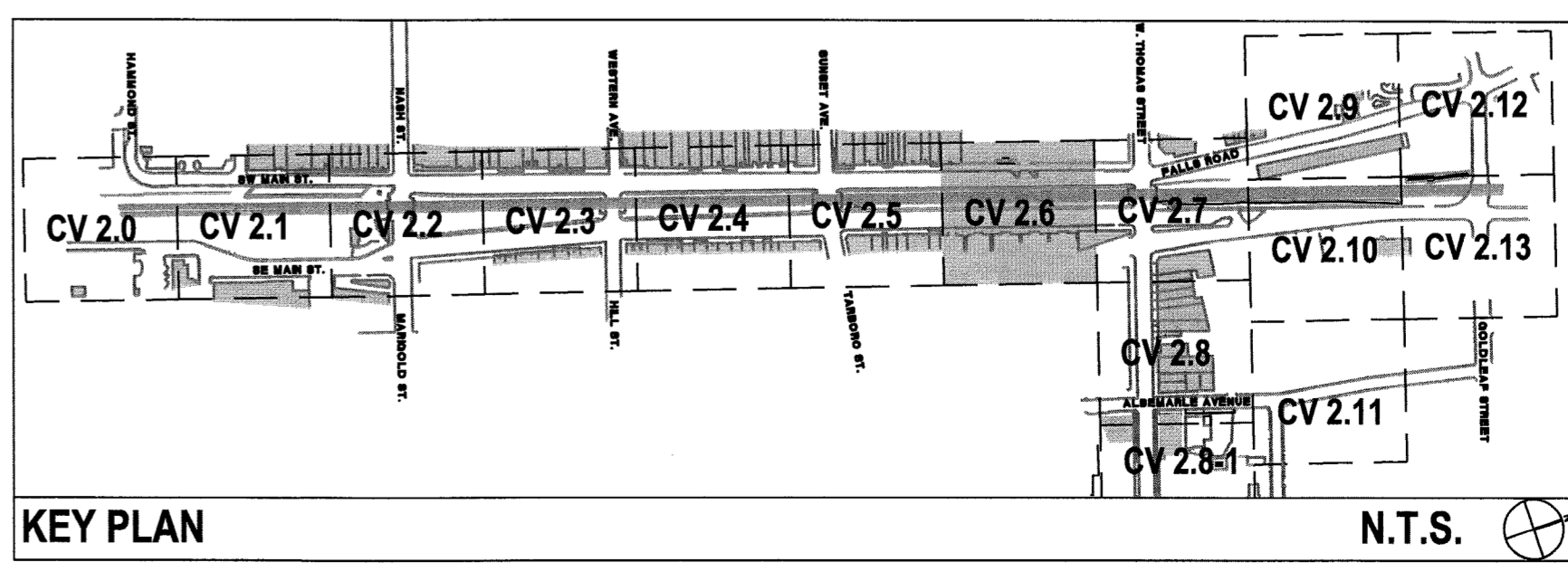
ROBERT W. BAKER, P.E. SEAL 1125548 ENGINEER

07/22/10



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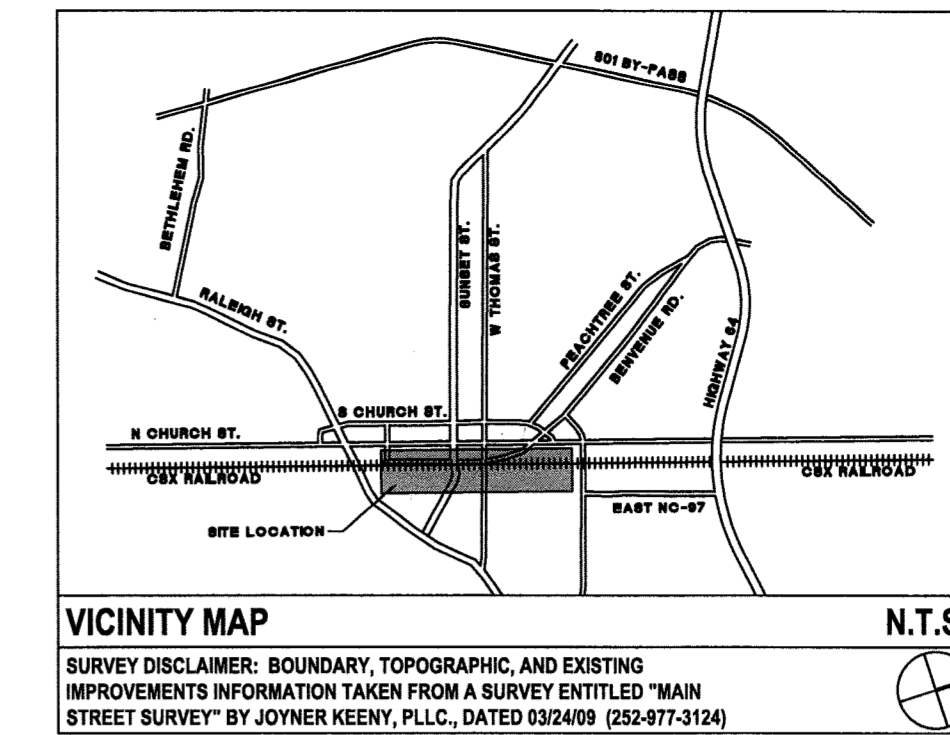
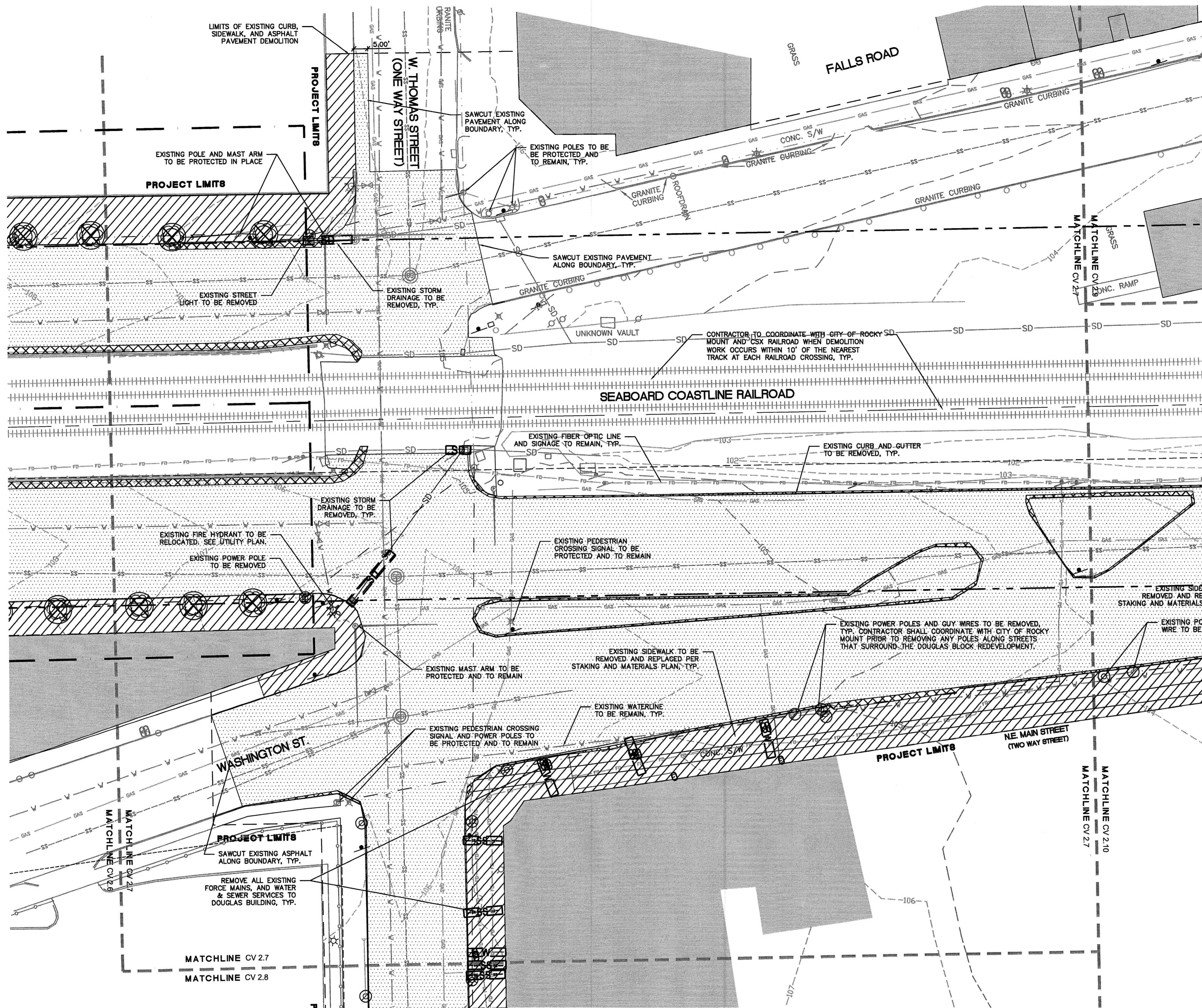
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CV 2.6

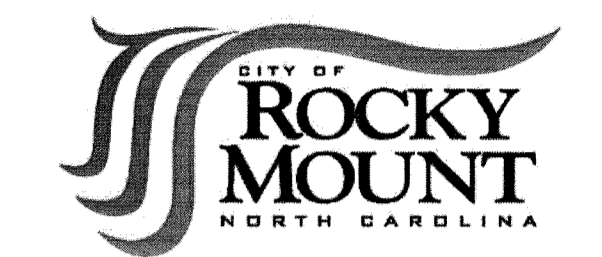
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PHASE II

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DEMOLITION PLAN

PROJECT NUMBER:

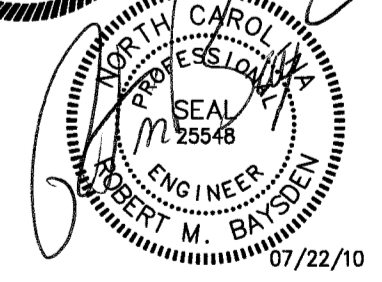
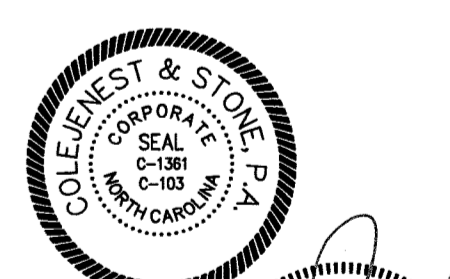
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ISSUED:

04.22.10

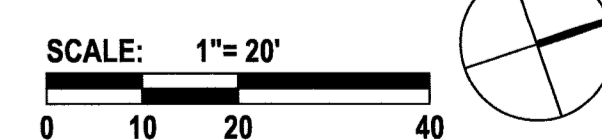
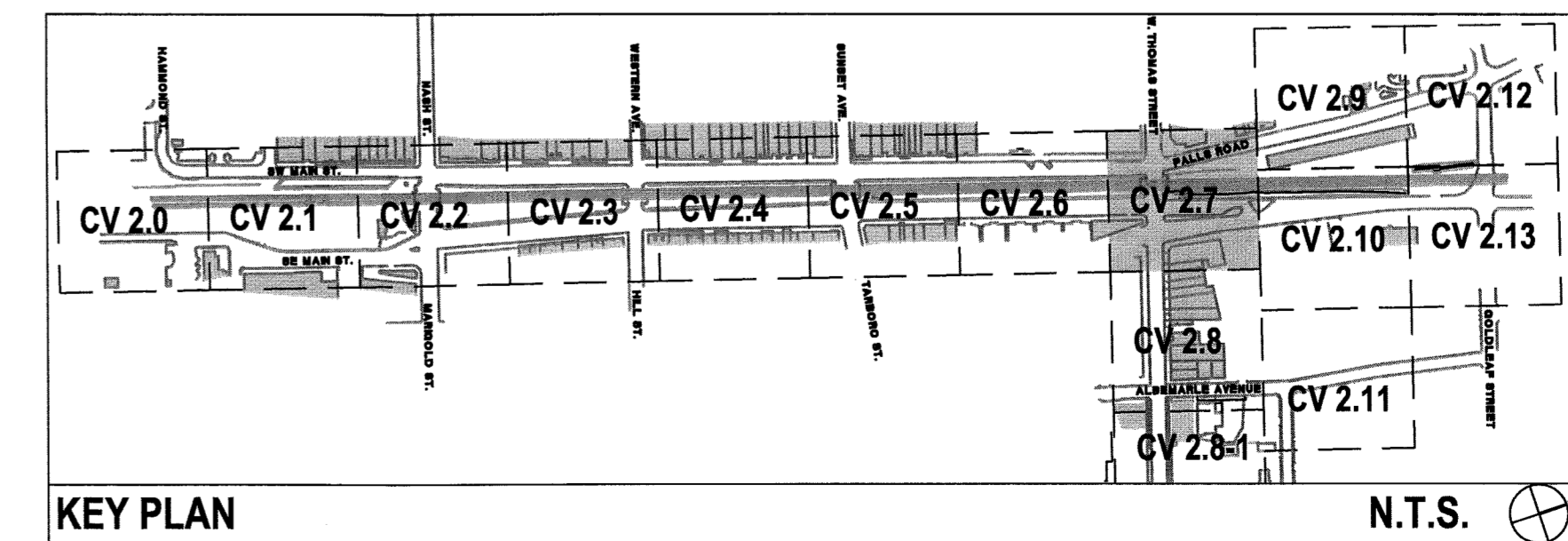
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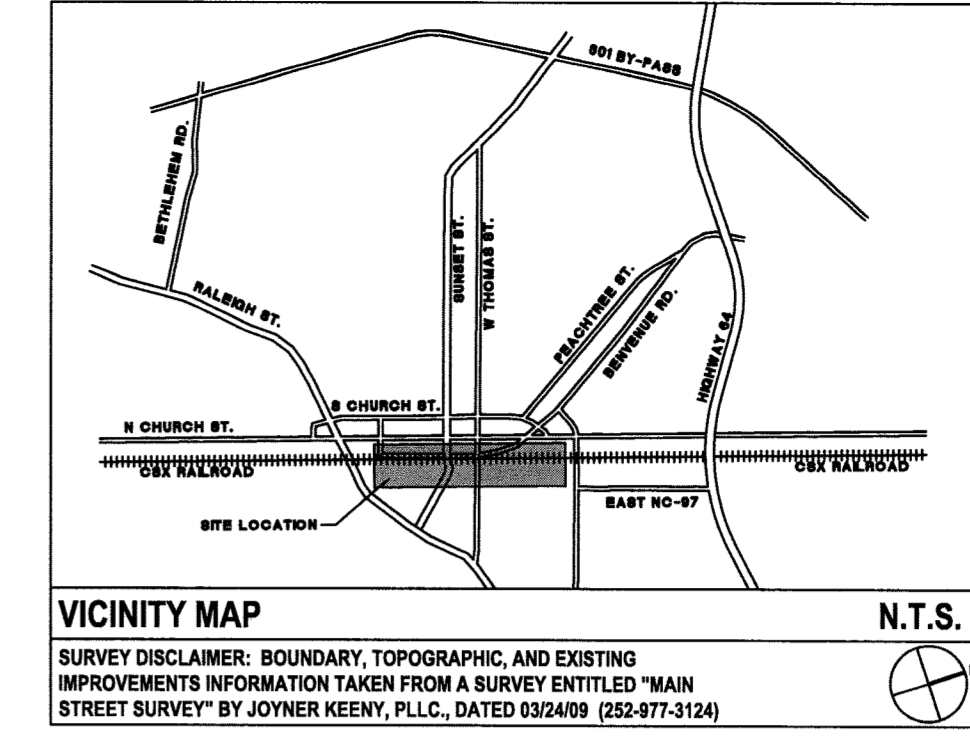
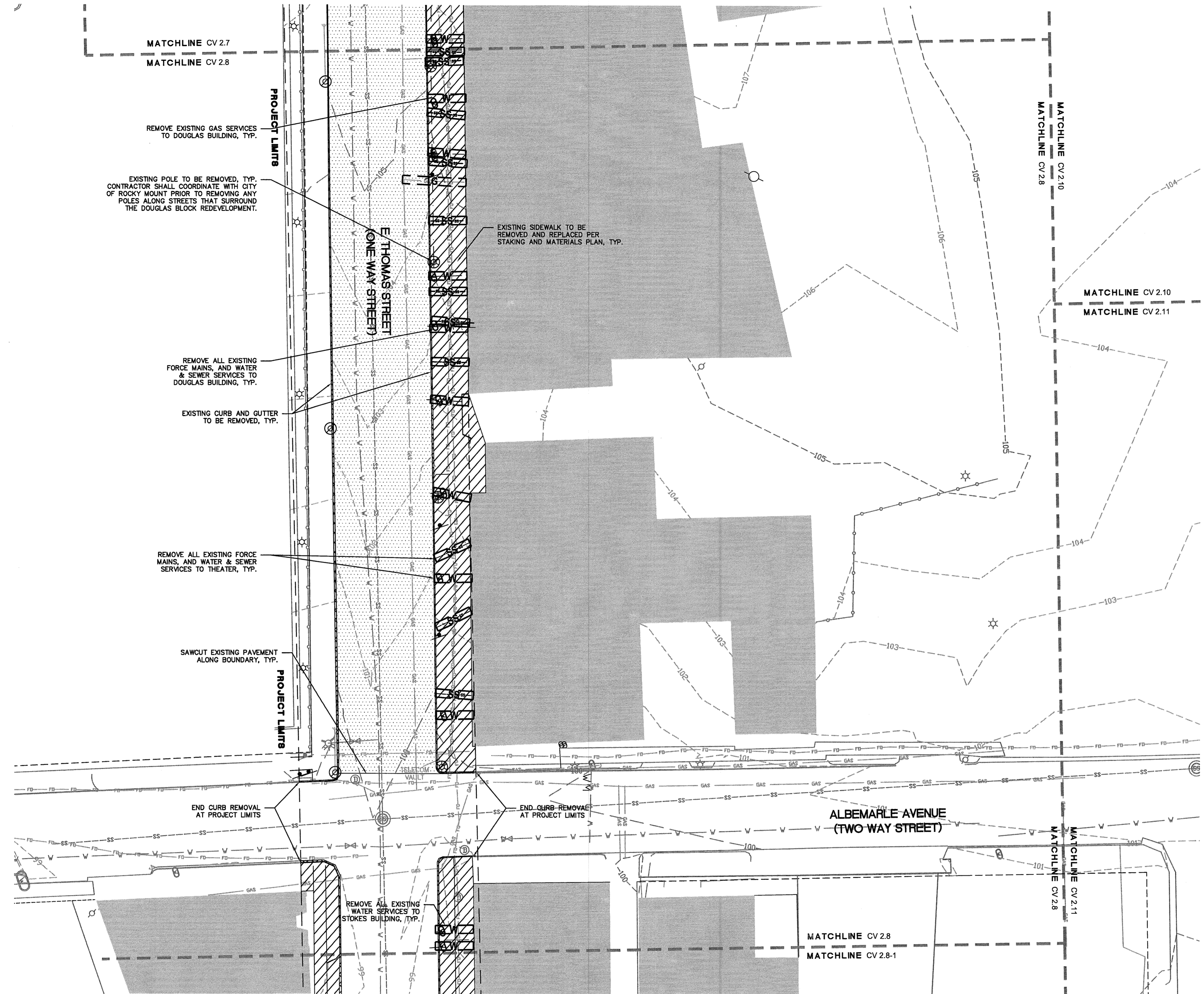
GENERAL NOTE:
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CV 2.7

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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED
	ASPHALT TO BE REMOVED
	CURB TO BE REMOVED
	WATERLINE TO BE REMOVED
	STORM DRAINAGE TO BE REMOVED
	GAS LINE TO BE REMOVED
	TREE TO BE REMOVED
	TREE TO BE TRANSPLANTED
	LIGHT FIXTURE TO BE REMOVED
	TREE PROTECTION FENCING



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

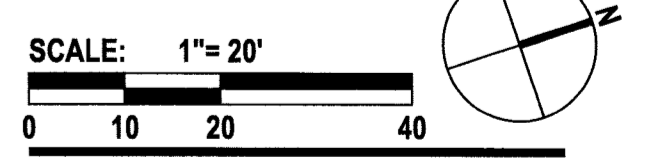
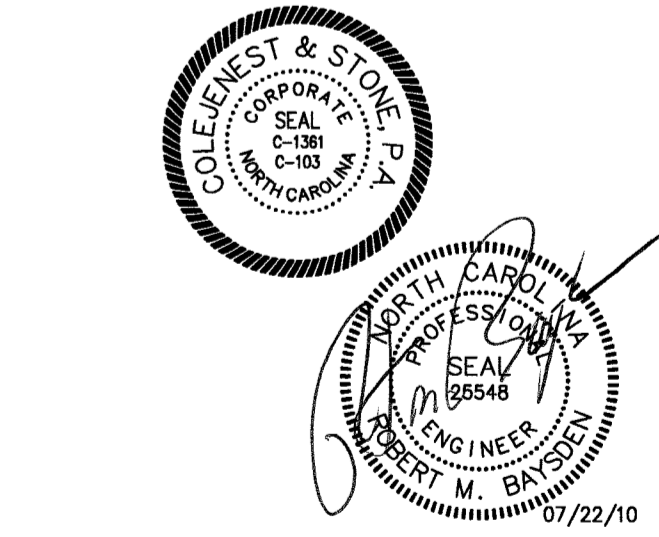
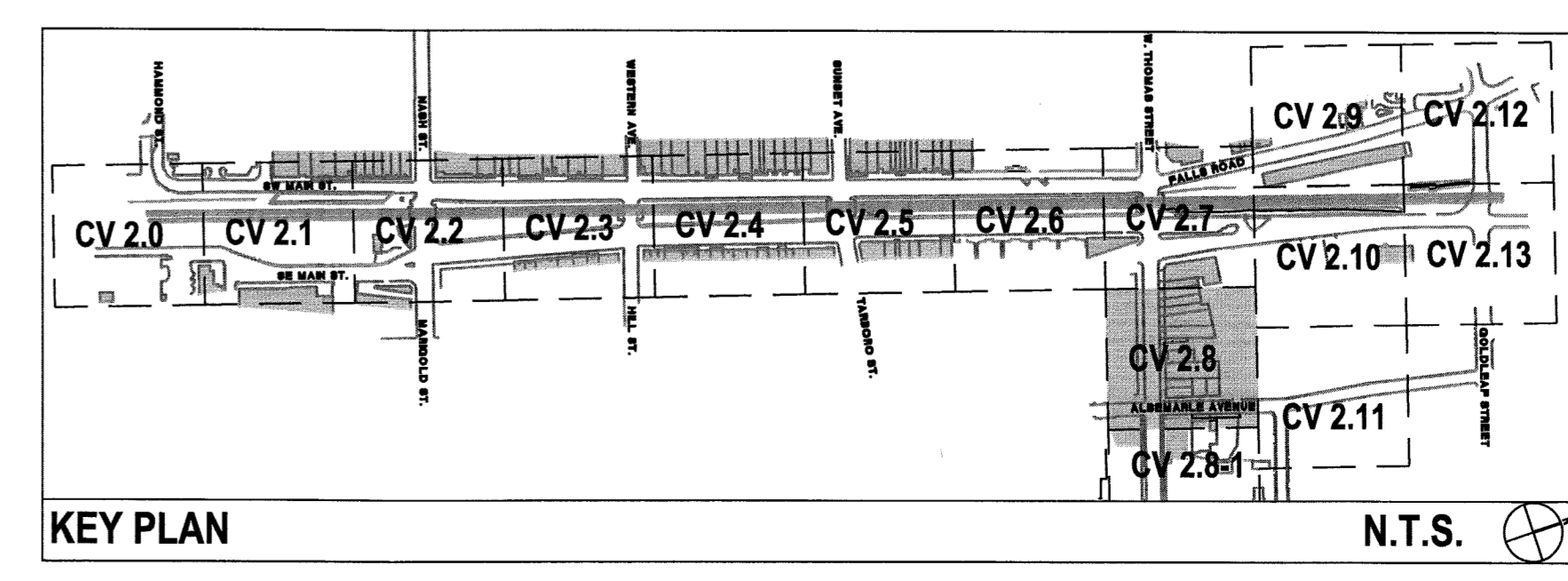
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PLEASE SEE SHEET CV 2.14 FOR DEMOLITION NOTES.

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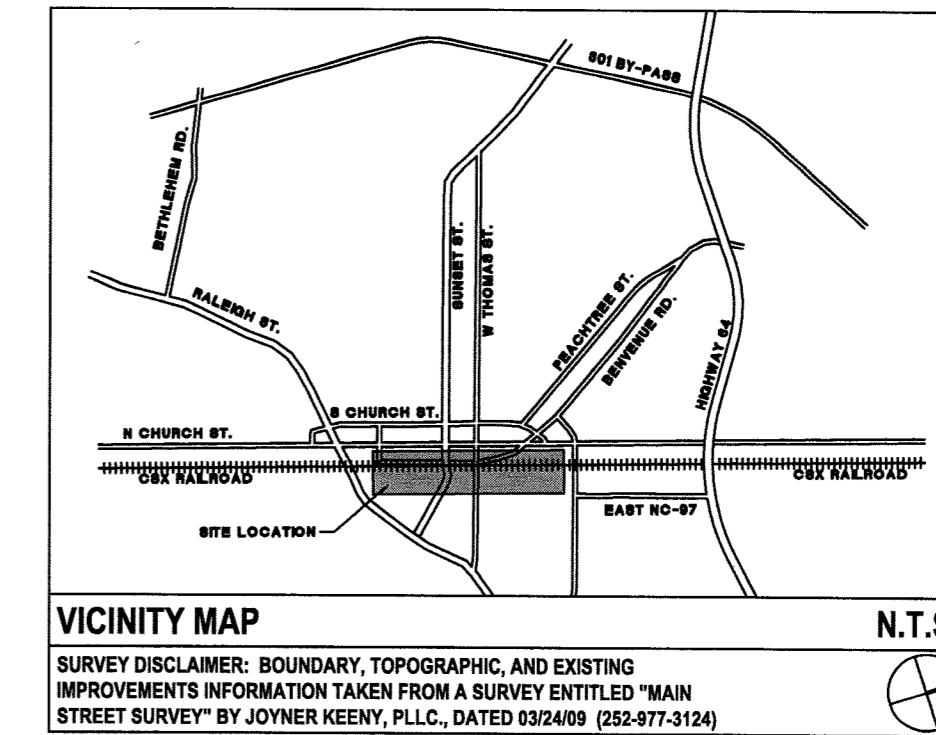
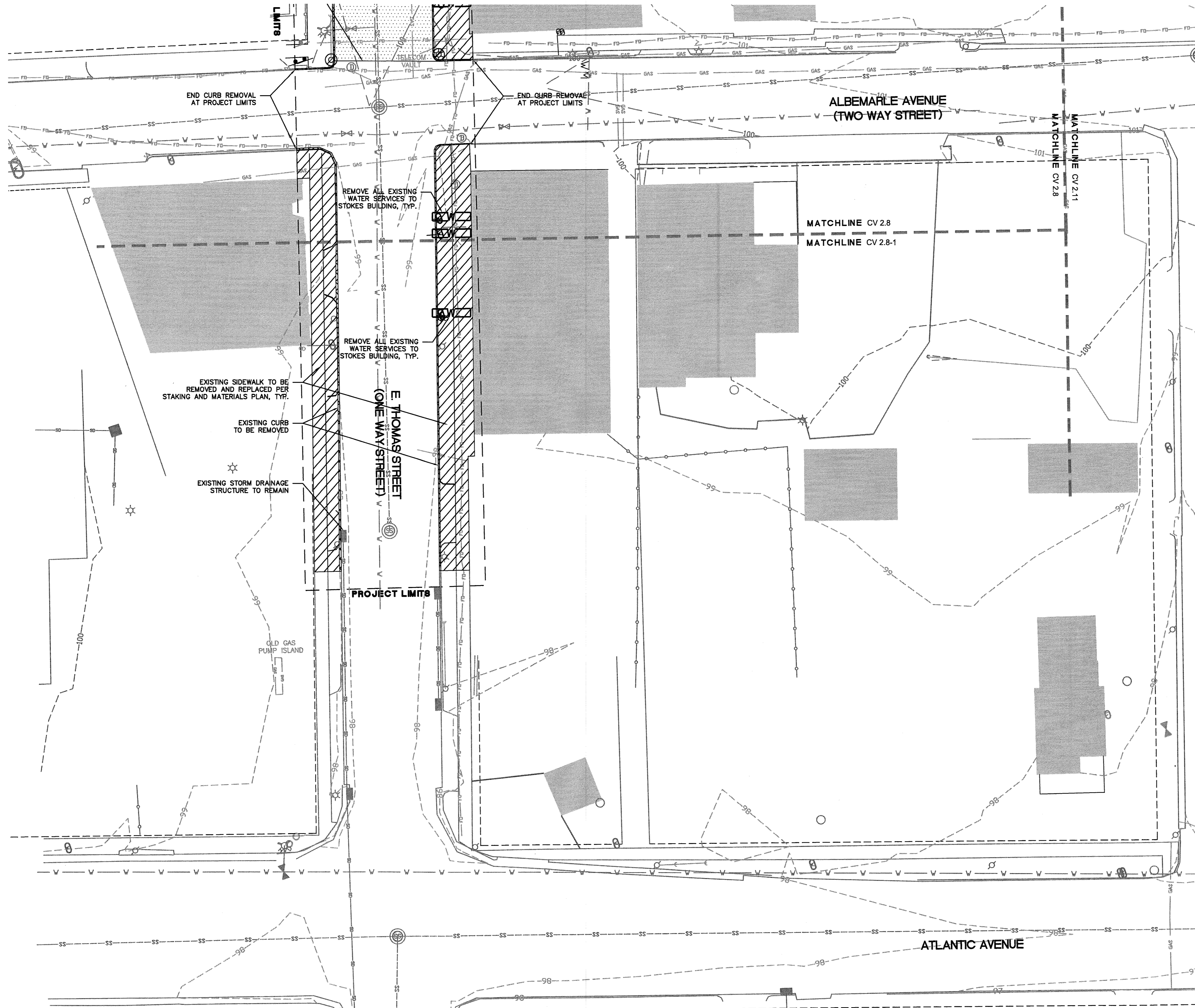
GENERAL NOTE:
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CV 2.8

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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED -/-
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	CURB TO BE REMOVED -/-
	WATERLINE TO BE REMOVED -/-
	STORM DRAINAGE TO BE REMOVED -/-
	GAS LINE TO BE REMOVED -/-
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED -/-
	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

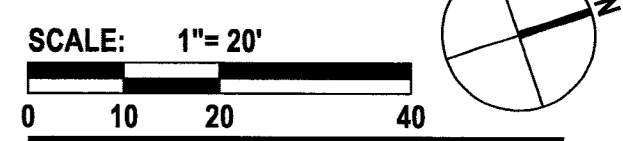
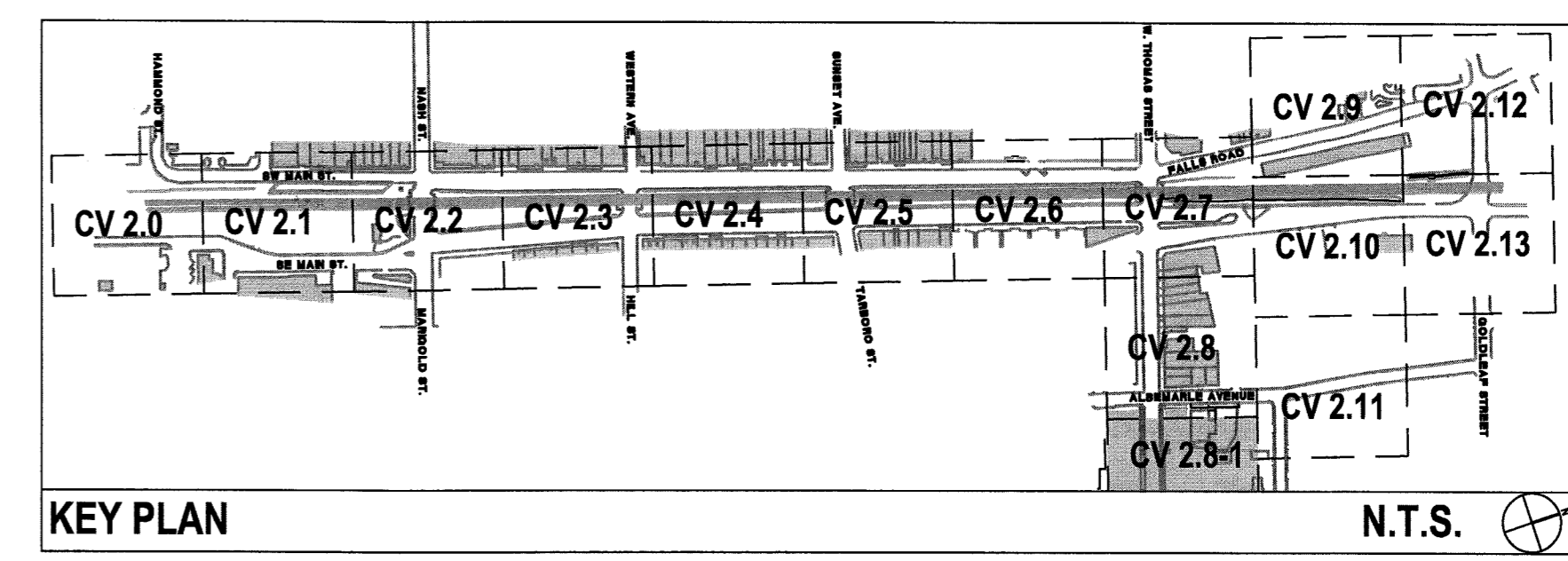
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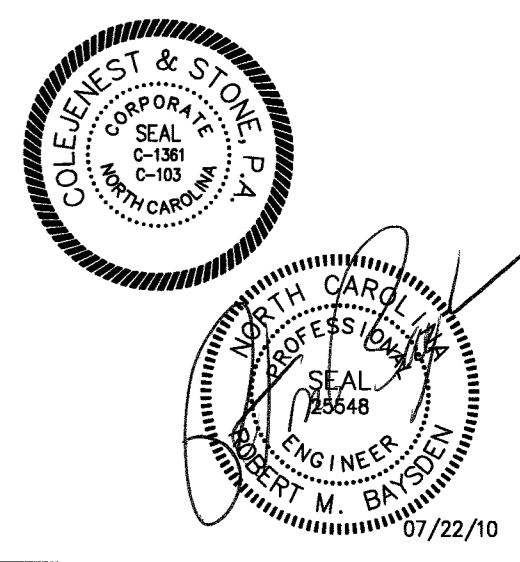
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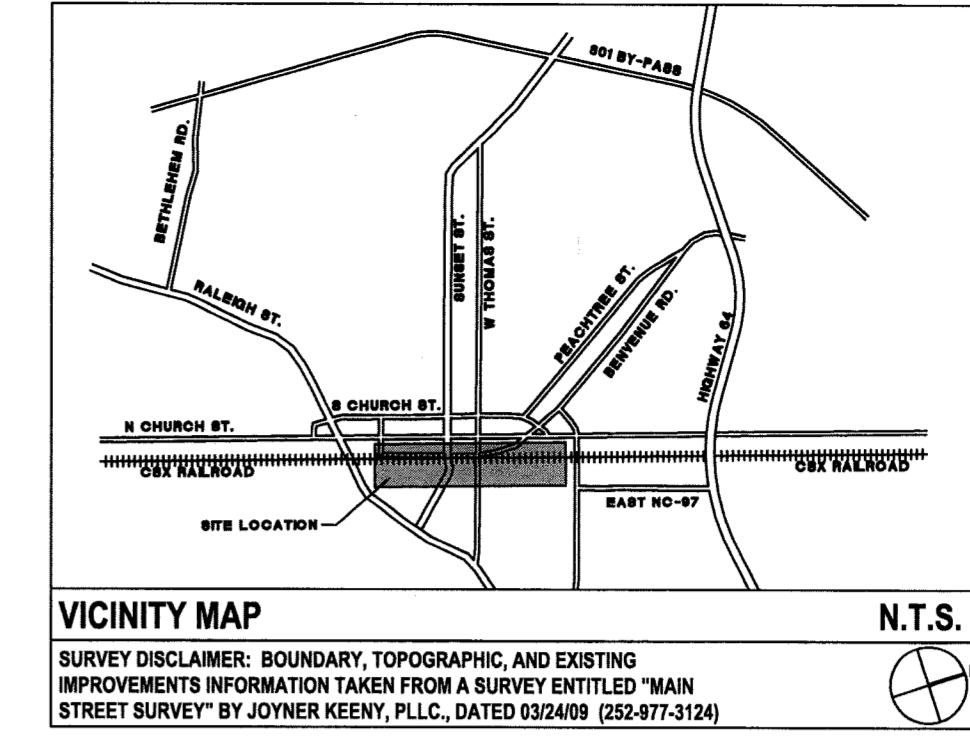
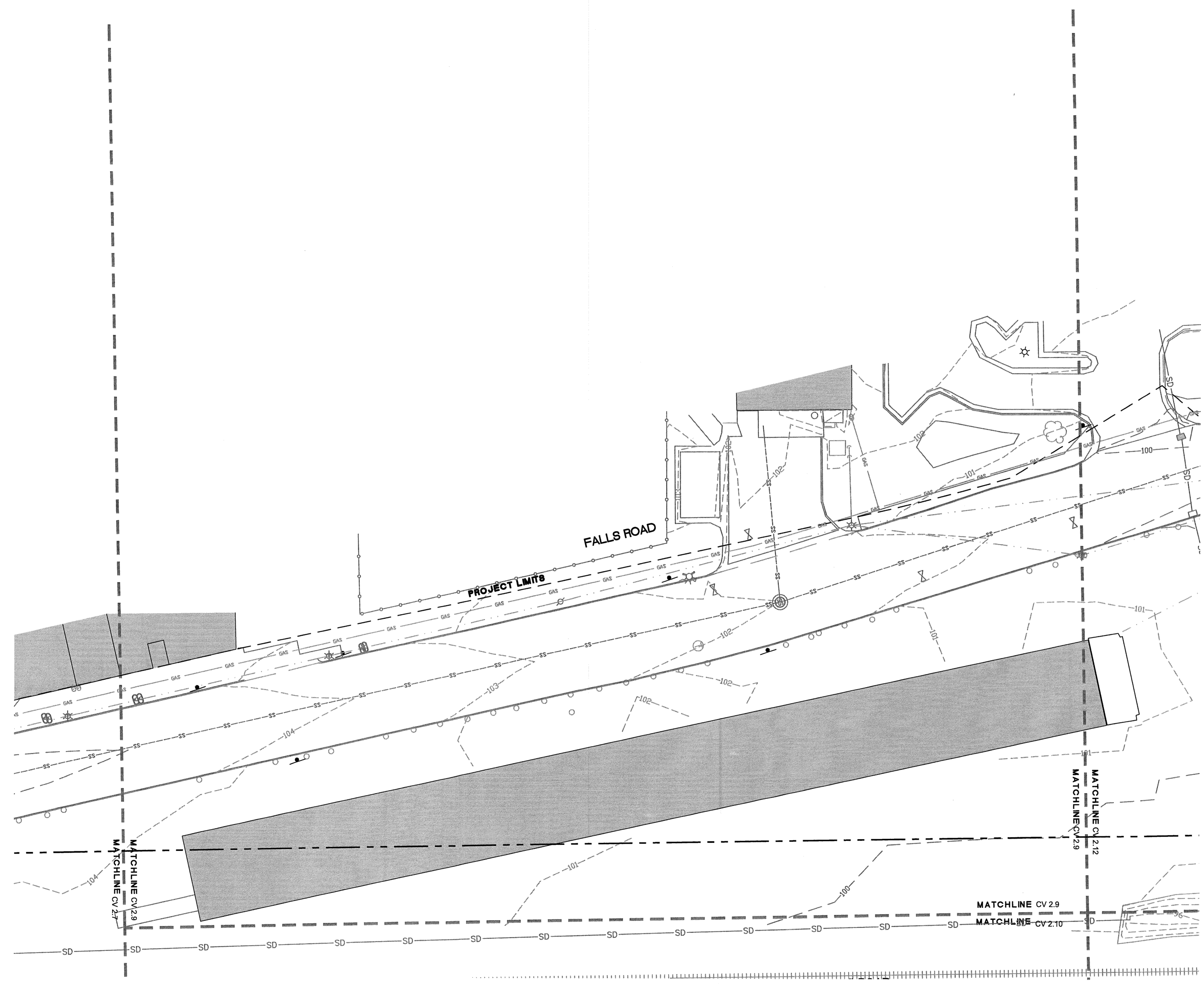
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CV 2.8-1

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LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED --
	ASPHALT TO BE REMOVED --
	CURB TO BE REMOVED --
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	GAS LINE TO BE REMOVED --
	TREE TO BE REMOVED --
	TREE TO BE TRANSPLANTED --
	LIGHT FIXTURE TO BE REMOVED --
	TREE PROTECTION FENCING --



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

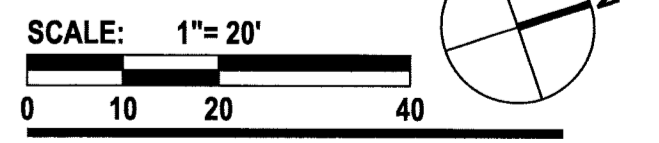
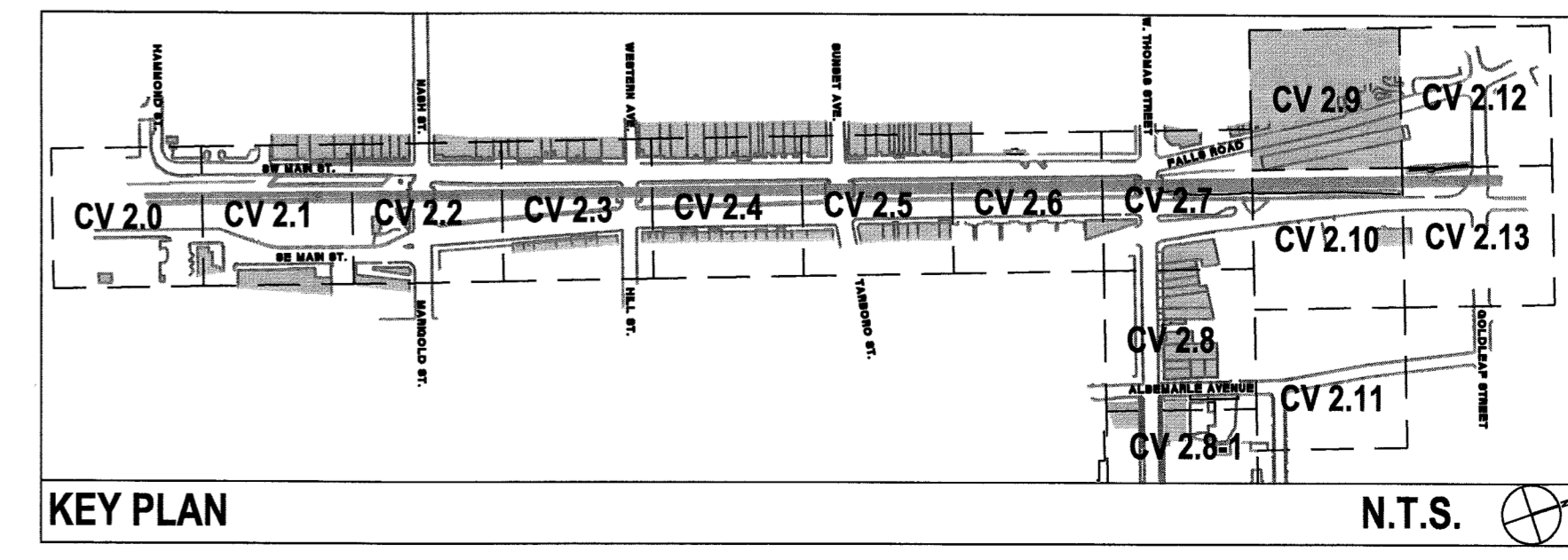
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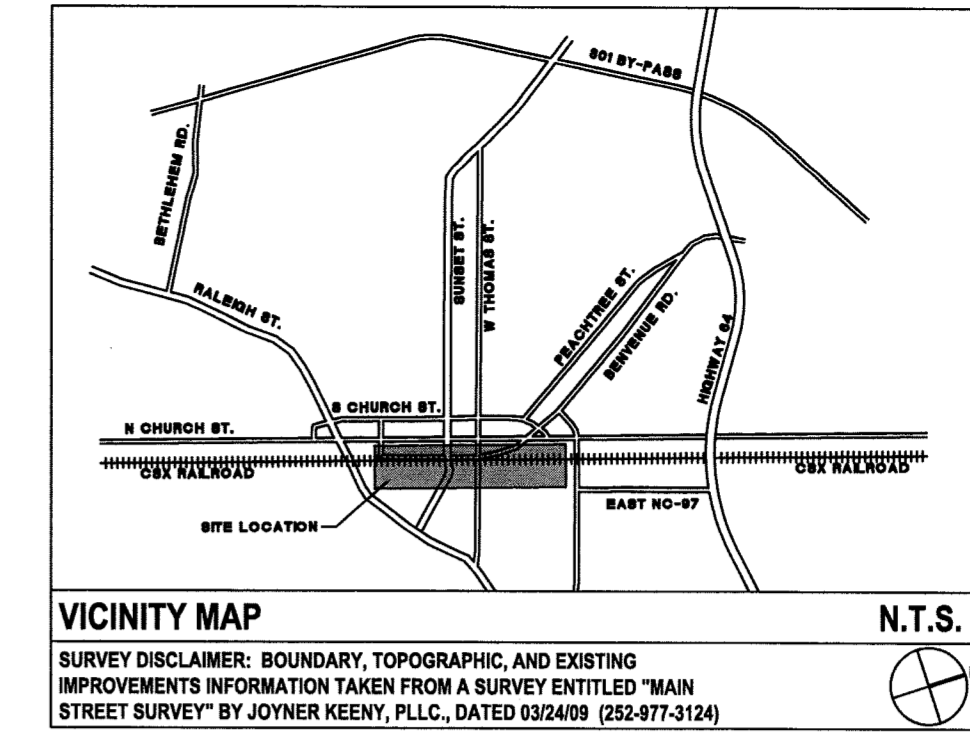
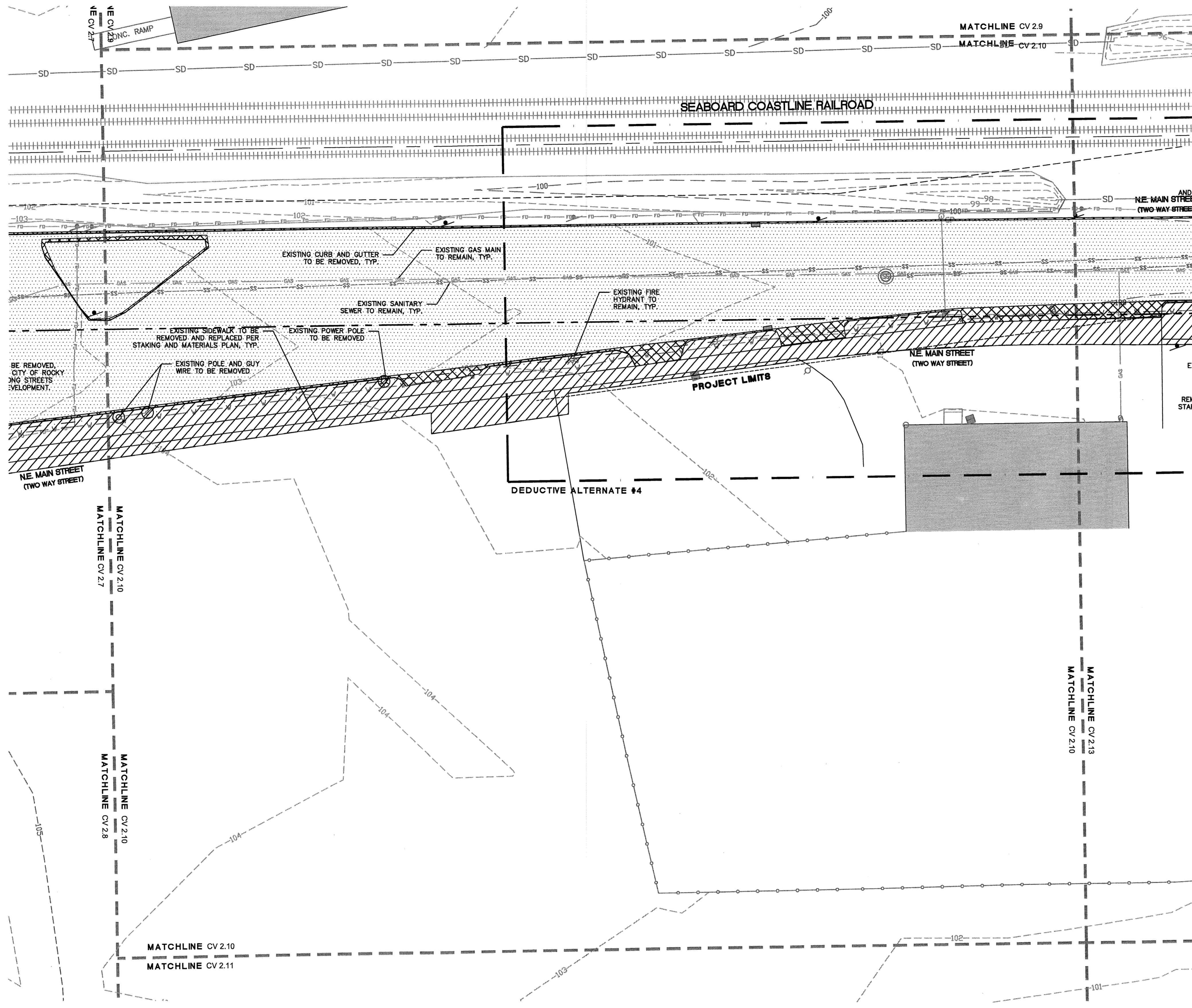
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	TREE TO BE TRANSPLANTED
	LIGHT FIXTURE TO BE REMOVED
	TREE PROTECTION FENCING



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

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ISSUED:

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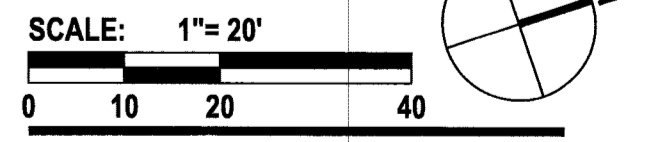
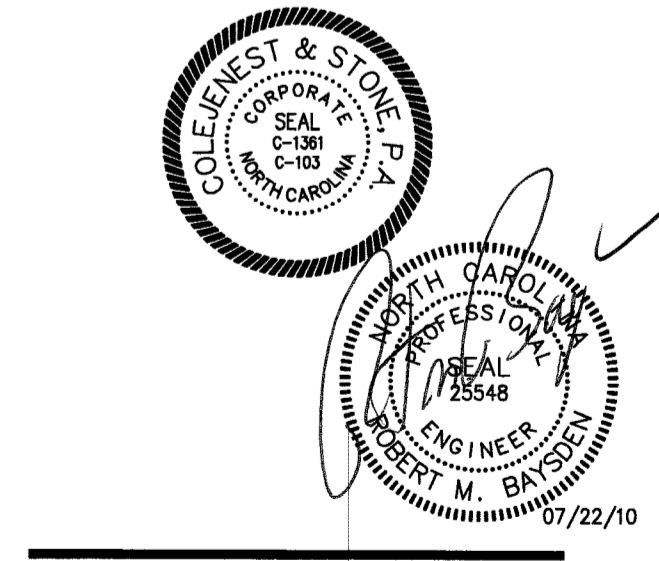
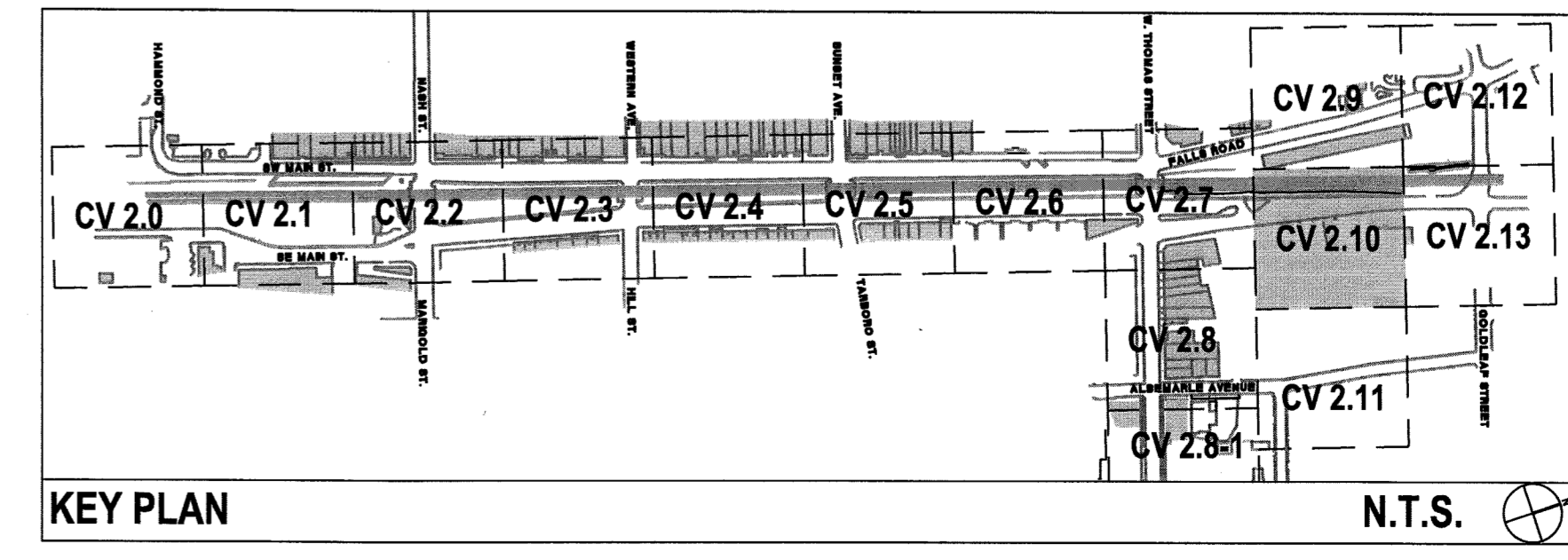
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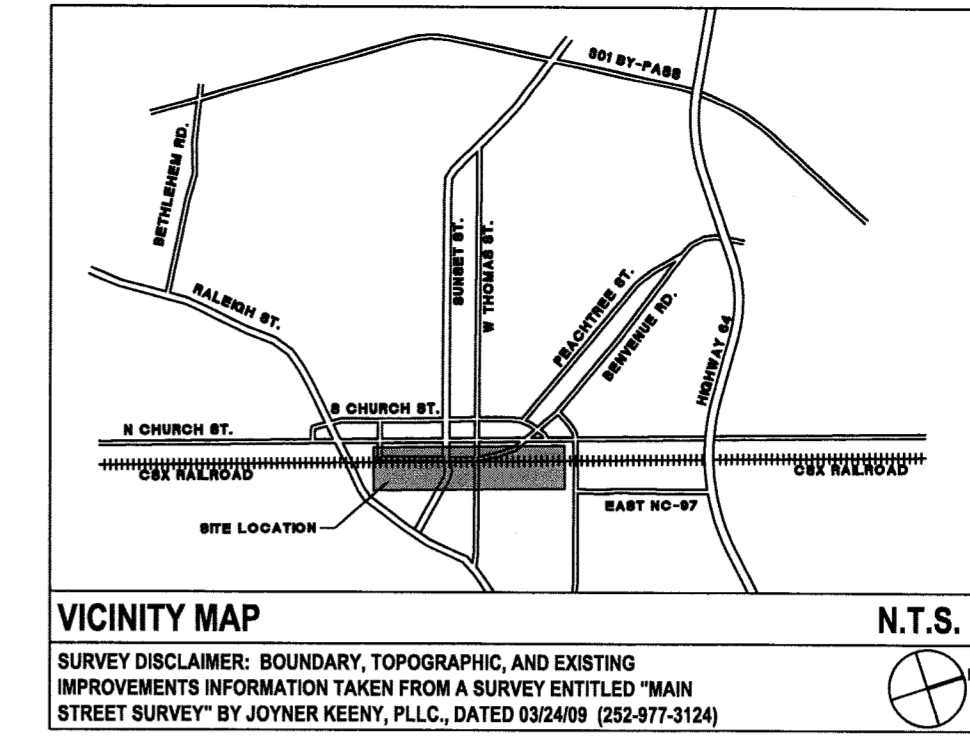
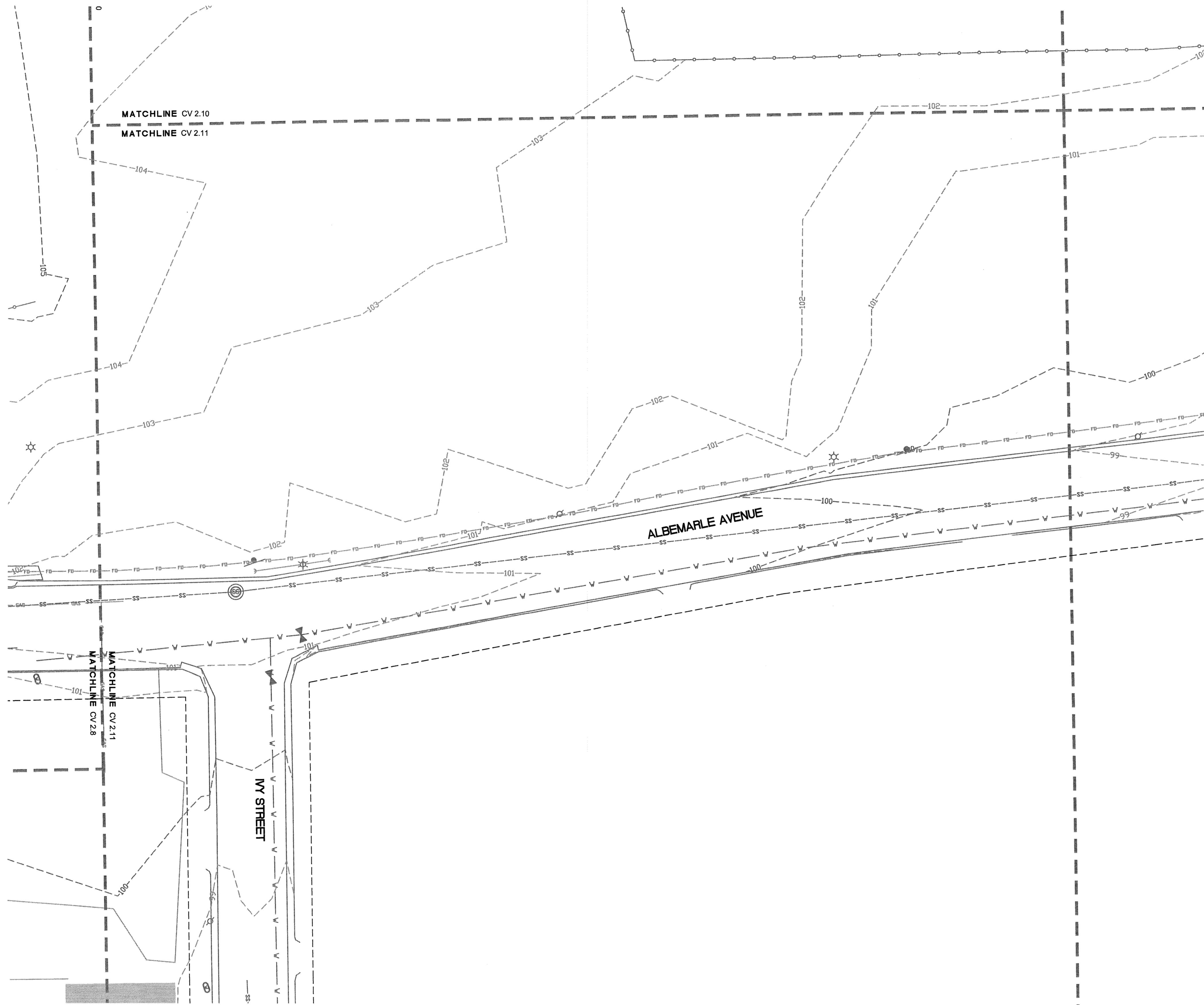
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	TREE PROTECTION FENCING

Harris & Associates, Inc.
Irrigation
Constructors
Consultants

MORTAR&ink
Graphic Design for the Built World

elm
Landscape Architecture

HNTB
Transportation Planning
Engineering
Architecture

City of Rocky Mount
North Carolina

**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**DEMOLITION
PLAN**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

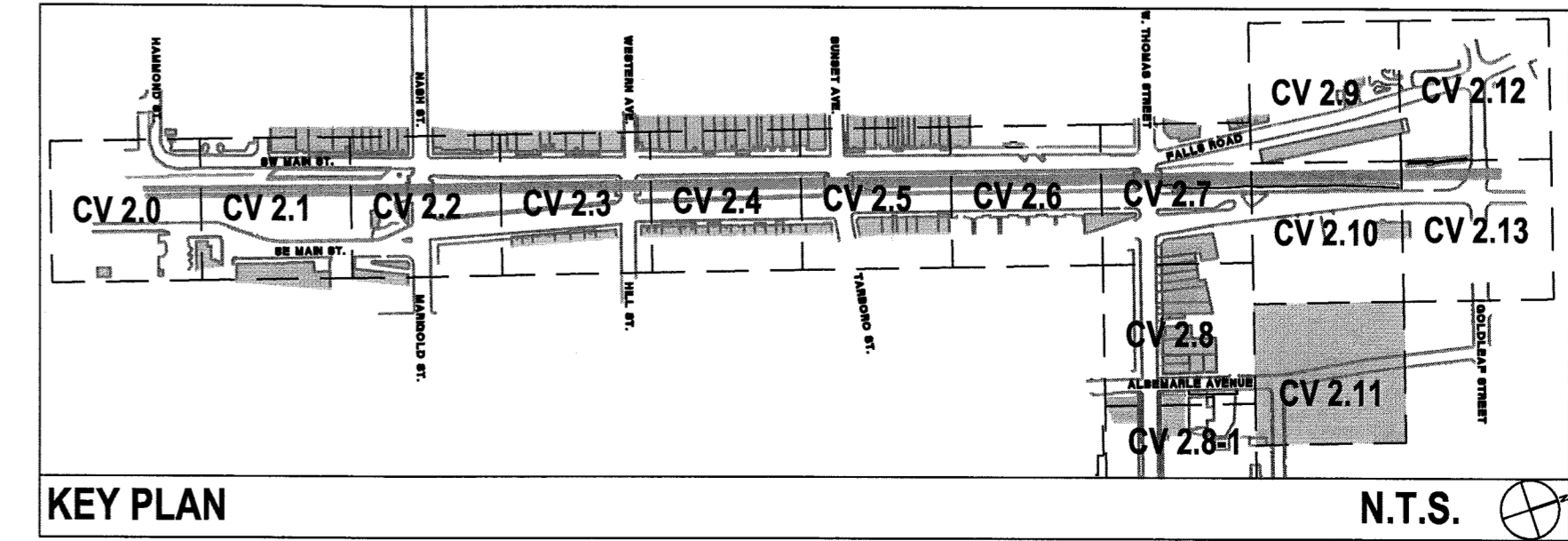
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COLAJENEST & STONE, P.A.
CORPORATE
SCALE
C-103
NORTH CAROLINA

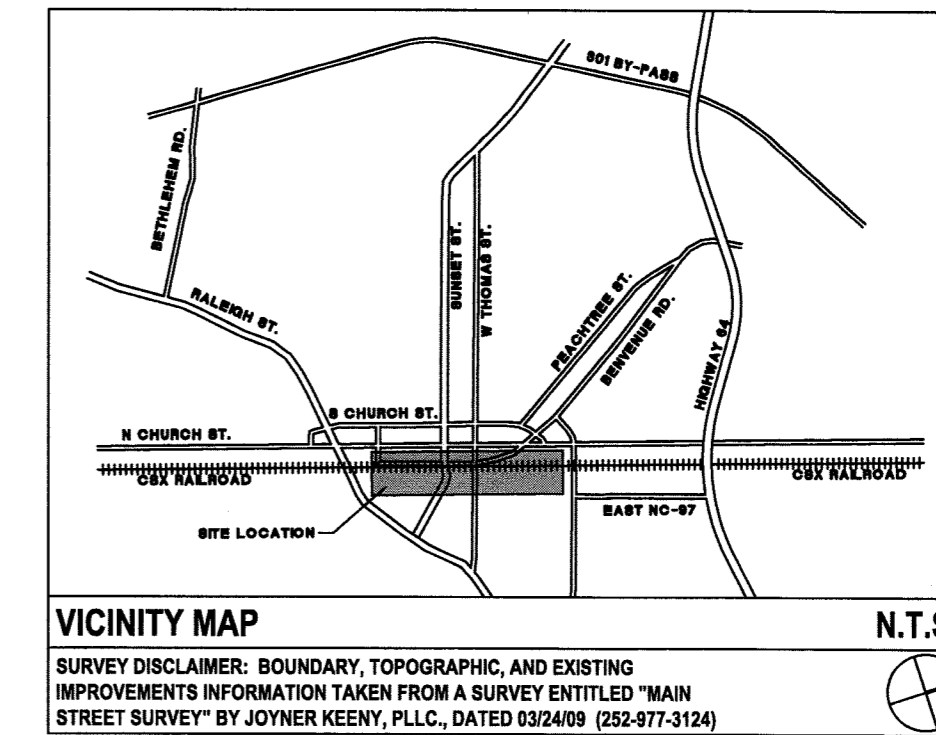
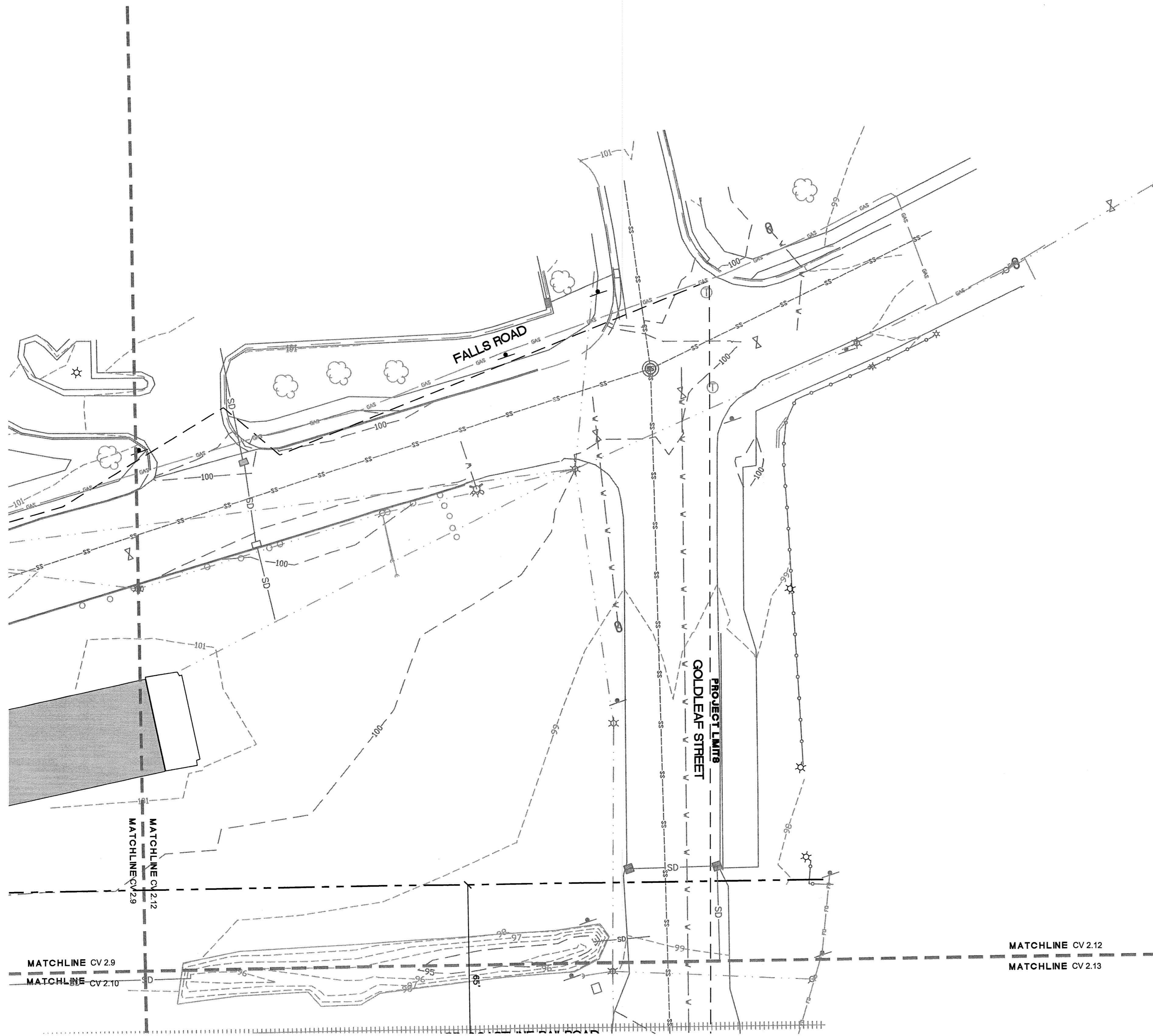
ROCKY MOUNT, NORTH CAROLINA
PROFESSIONAL
SCALE
E-2546
ENGINEER
ROBERT M. BAYNE
07/22/10

SCALE: 1"=20'

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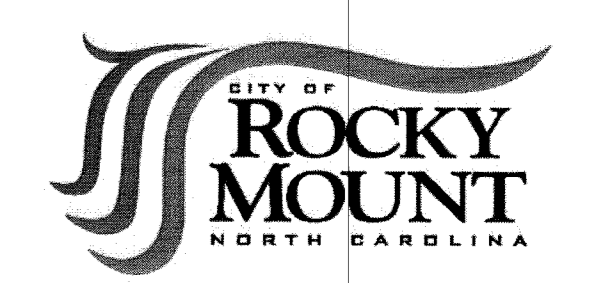
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LEGEND (DEMOLITION)

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	TREE TO BE TRANSPLANTED -/-
	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

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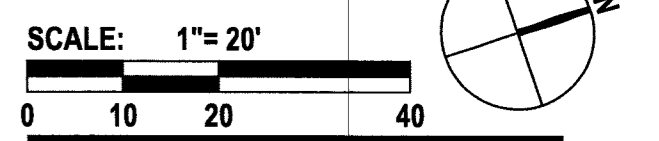
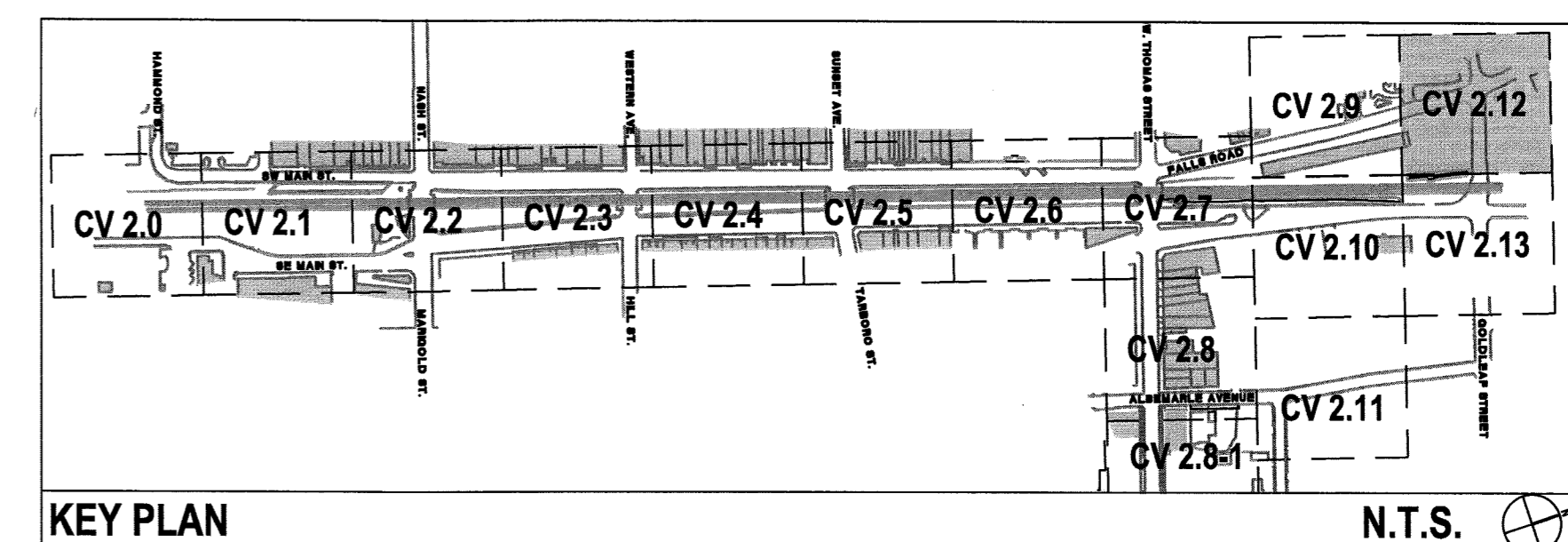
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- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

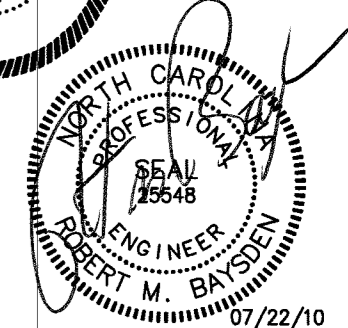
GENERAL NOTE:
ALL EXISTING RAILROAD RELATED EQUIPMENT TO BE PROTECTED IN PLACE.



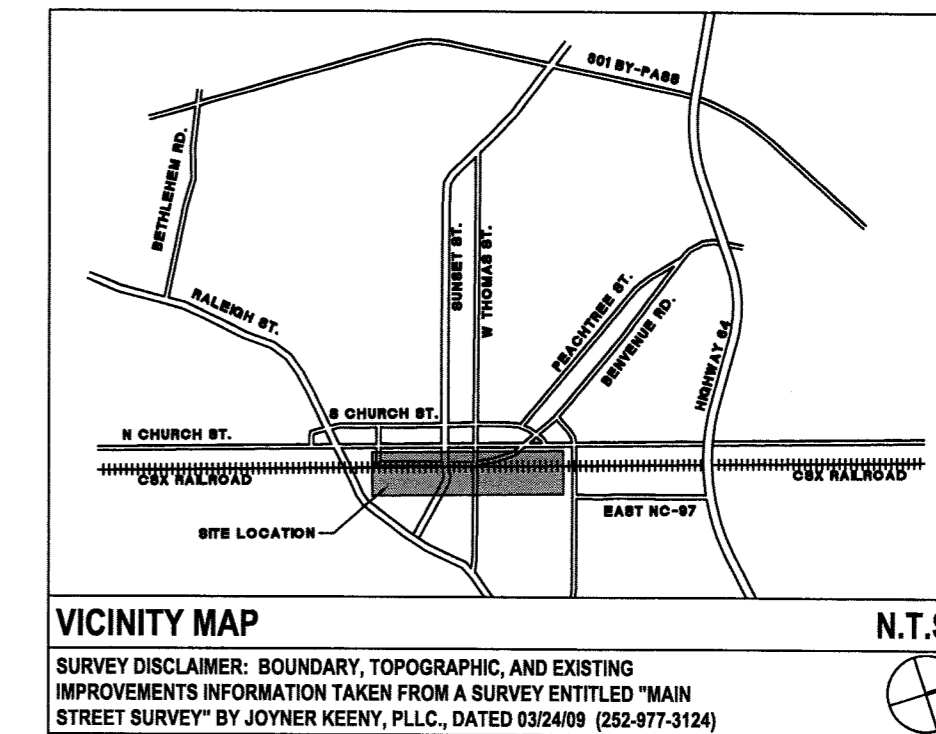
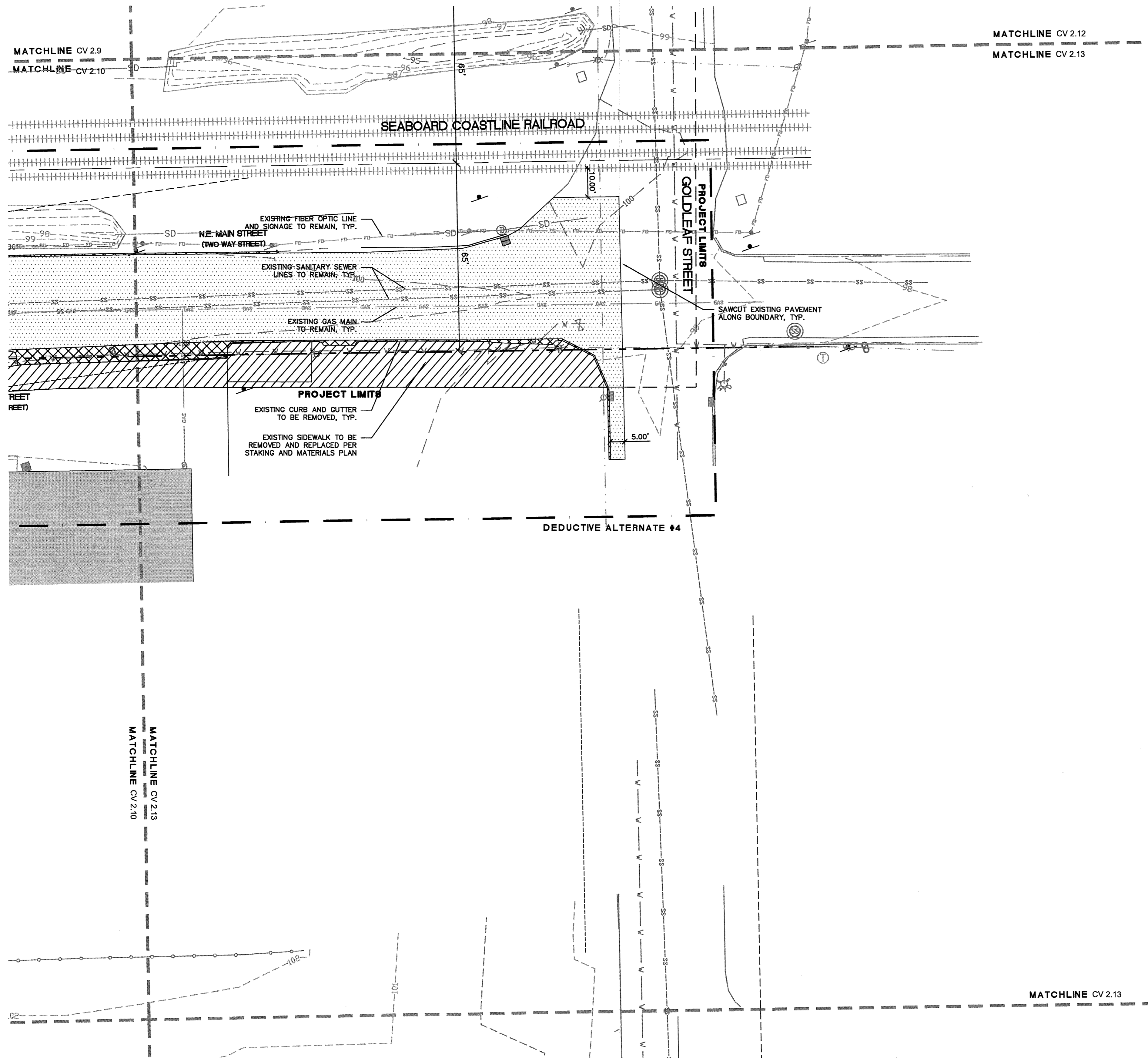
CV 2.12

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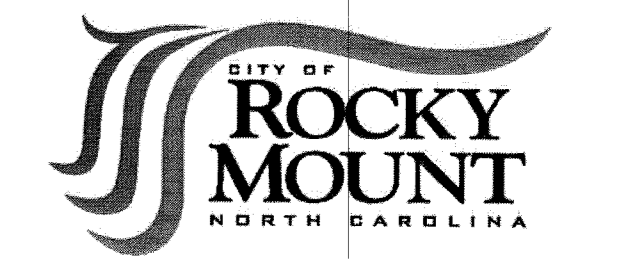


07/22/10



LEGEND (DEMOLITION)

SYMBOL	DETAIL
	CONCRETE TO BE REMOVED -/-
	ASPHALT TO BE REMOVED -/-
	CURB TO BE REMOVED -/-
	WATERLINE TO BE REMOVED -/-
	STORM DRAINAGE TO BE REMOVED -/-
	GAS LINE TO BE REMOVED -/-
	TREE TO BE REMOVED -/-
	TREE TO BE TRANSPLANTED -/-
	LIGHT FIXTURE TO BE REMOVED -/-
	TREE PROTECTION FENCING -/-



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

DEMOLITION PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

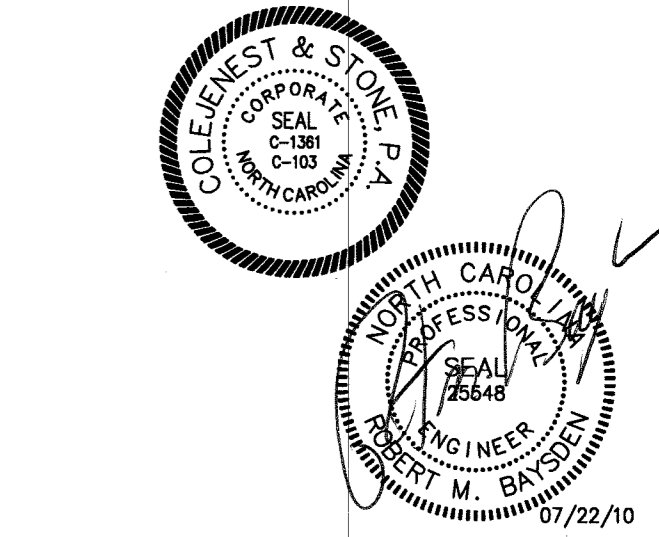
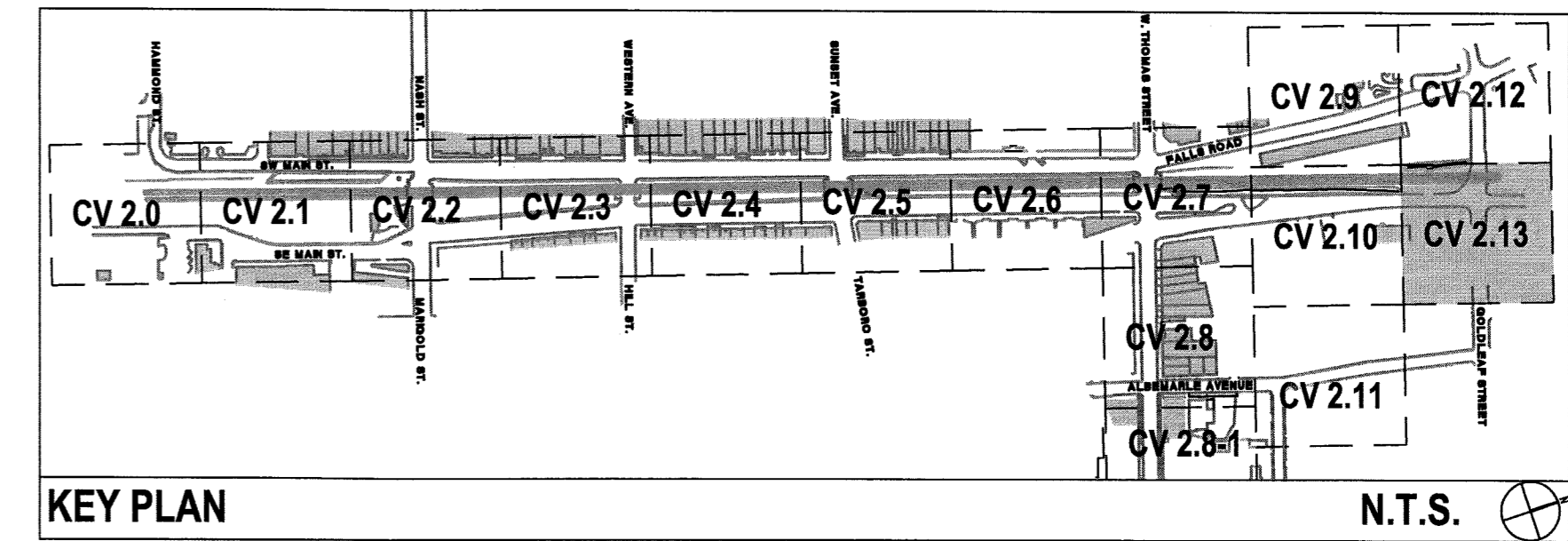
REVISED: # COMMENTS:

NO.	REVISIONS PER NCEENR COMMENTS
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GENERAL NOTE:
ALL EXISTING RAILROAD RELATED EQUIPMENT TO BE PROTECTED IN PLACE.

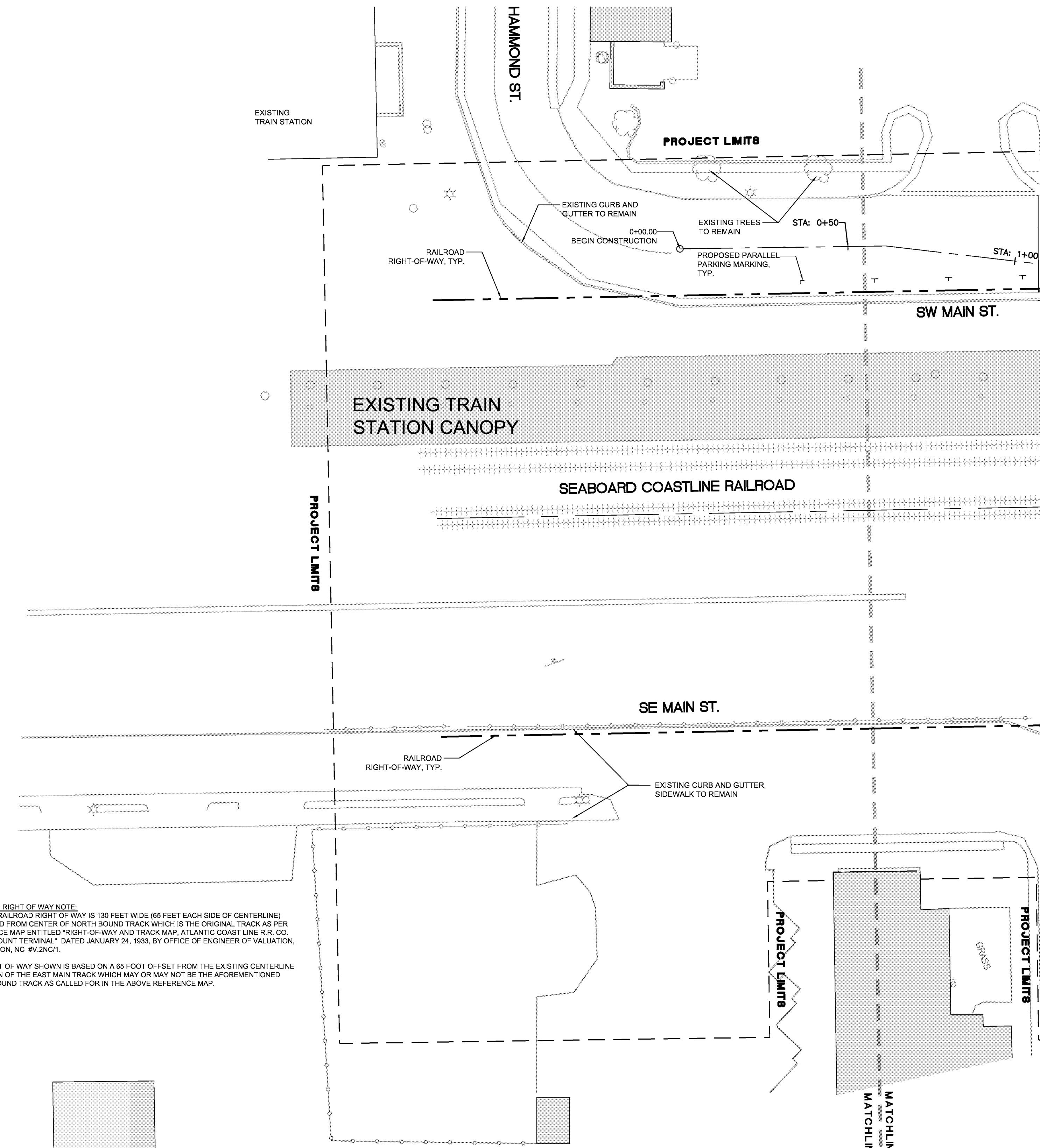


SCALE: 1"=20'



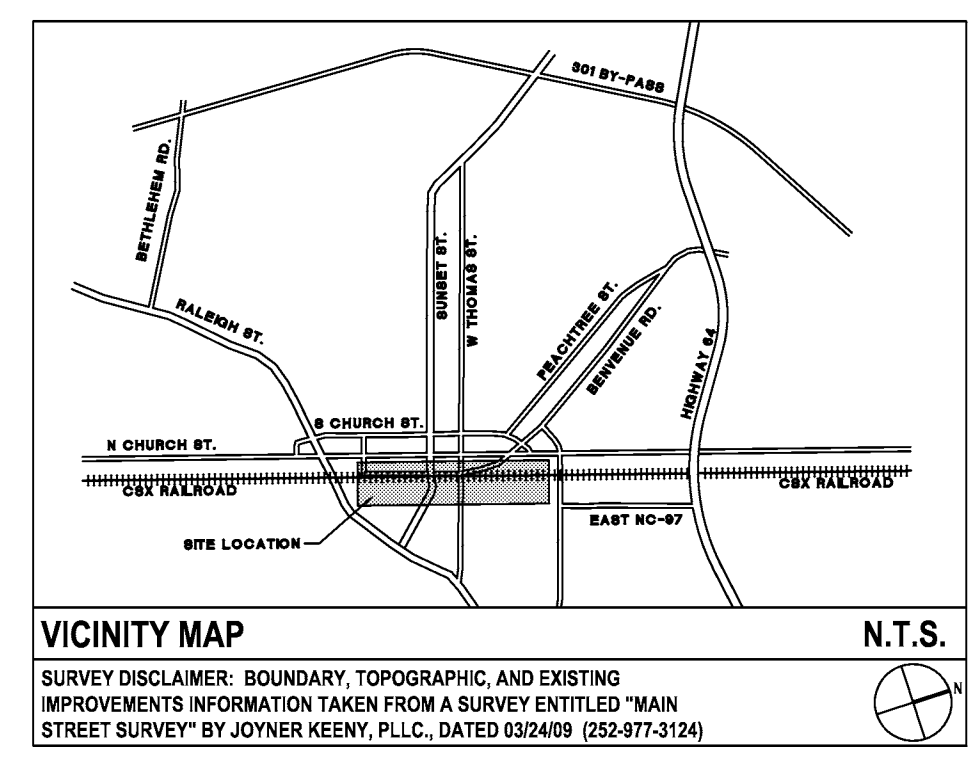
CV 2.13

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THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



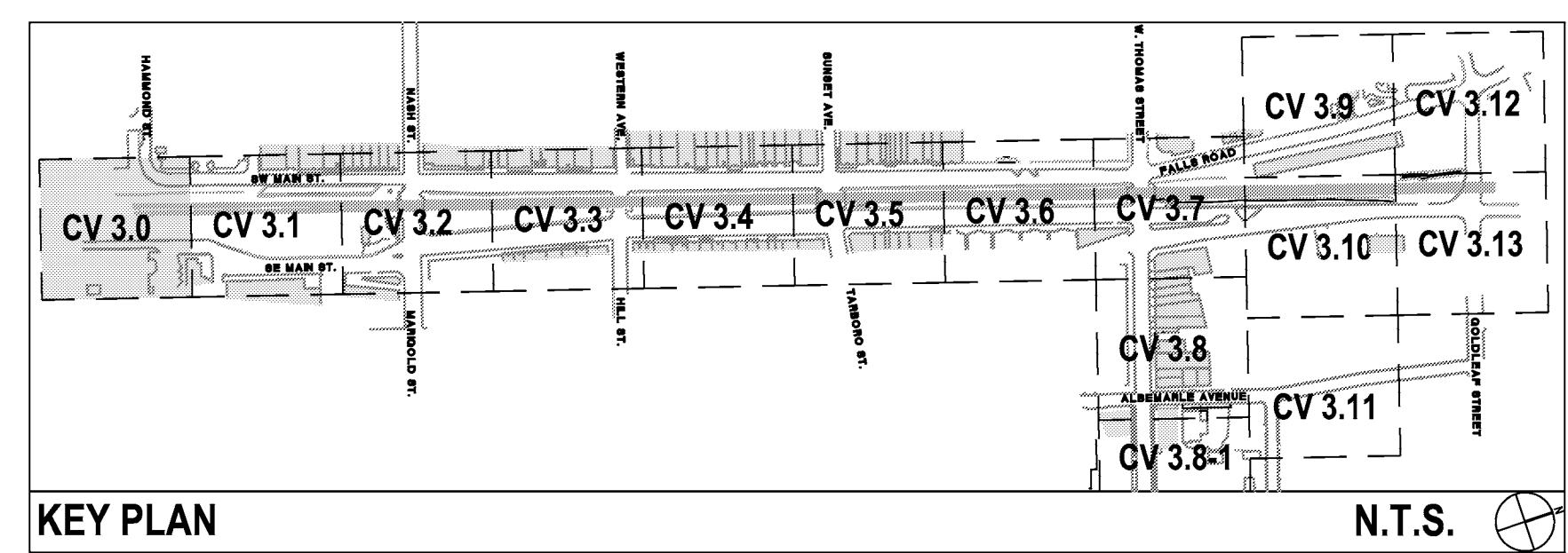
LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dots]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8,9/CV 4.15
[Symbol: Solid line with dots]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11,12/CV 4.15
[Symbol: Triangular pattern]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with dot]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with dot]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.



PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

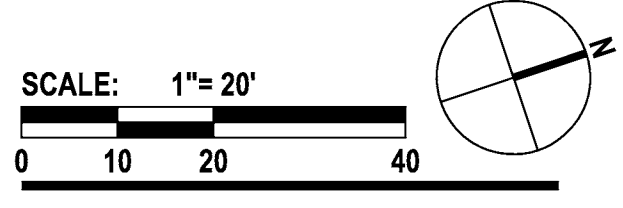
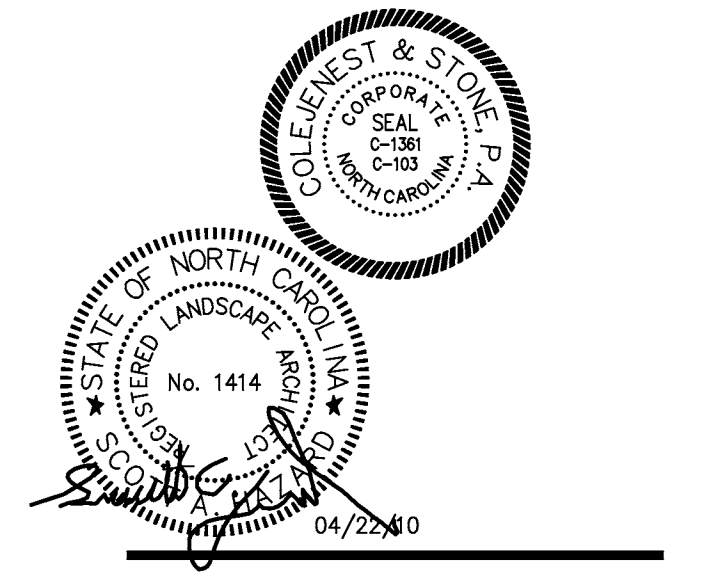
STAKING PLAN

PROJECT NUMBER: **50219**

ISSUED: **04.22.10**

REVISED: # COMMENTS:

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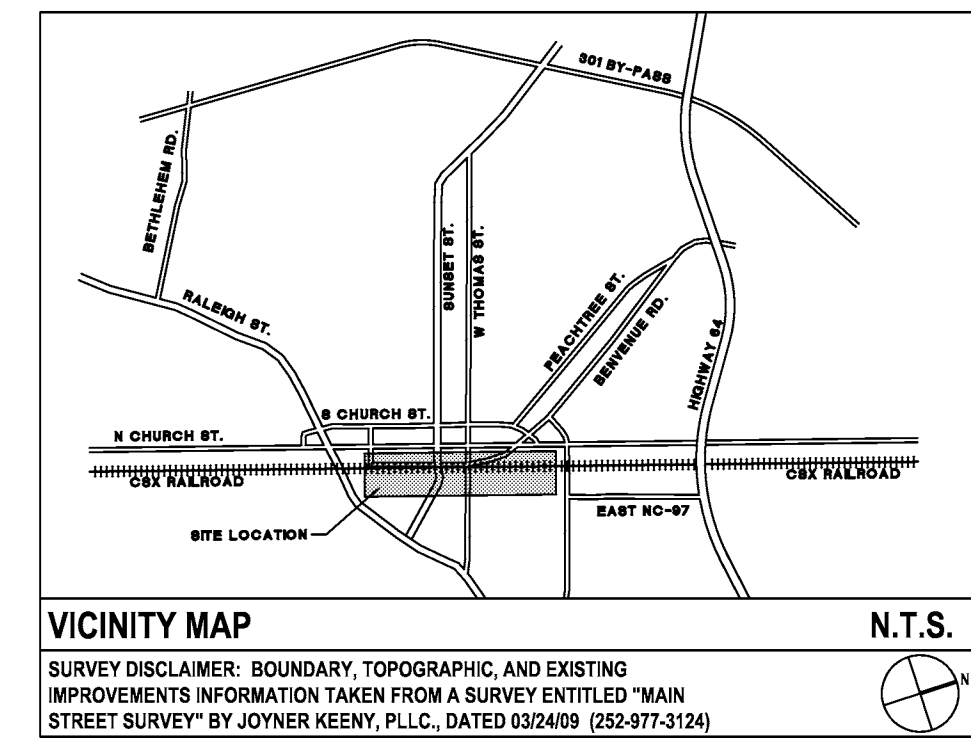
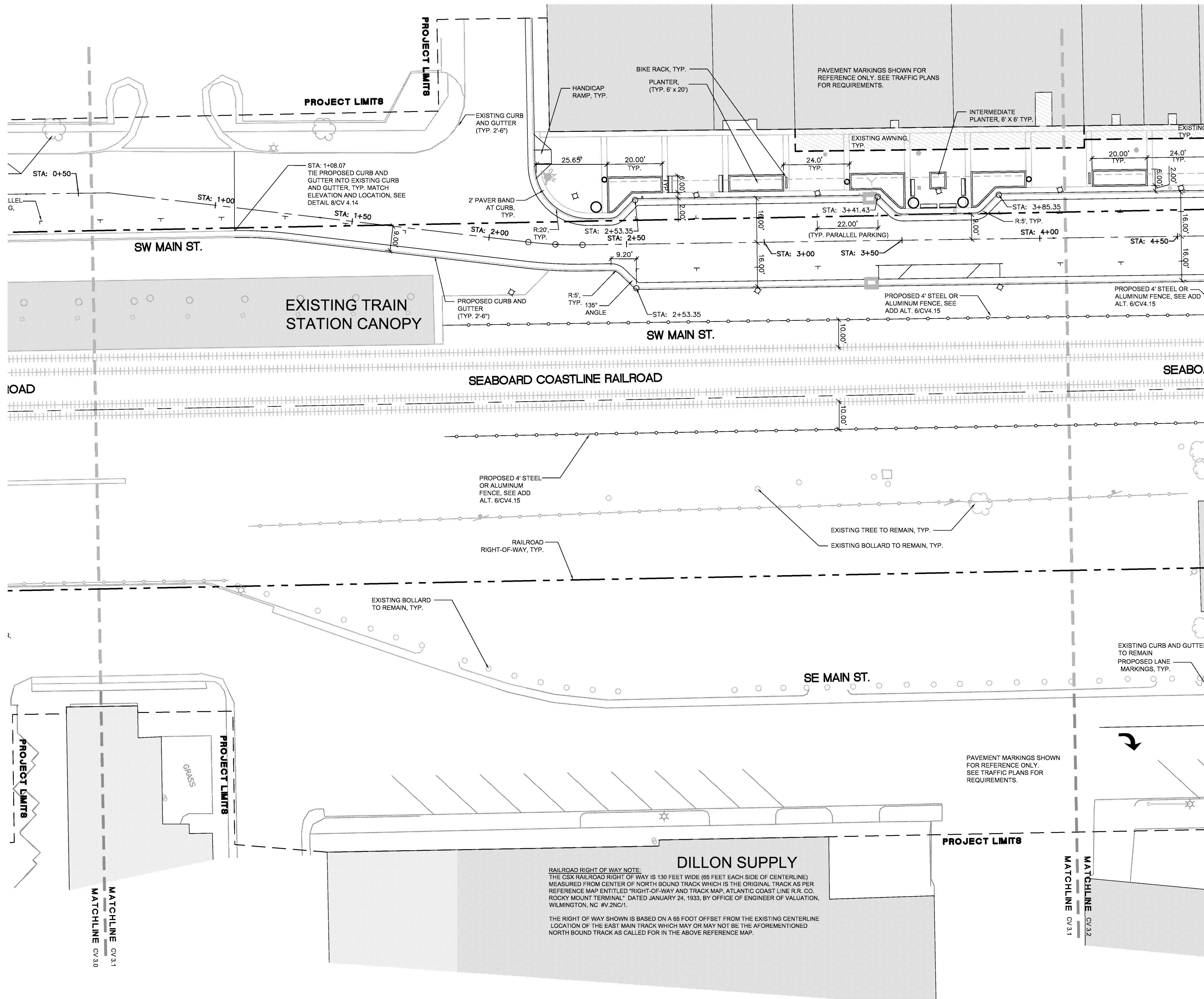


SCALE: 1"=20'

CV 3.0

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dots]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Solid line with dots]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Zigzag line]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with X]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with X]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot and X]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

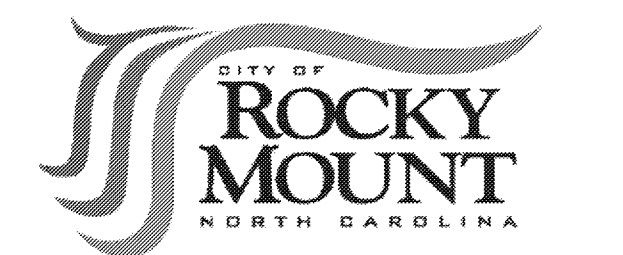
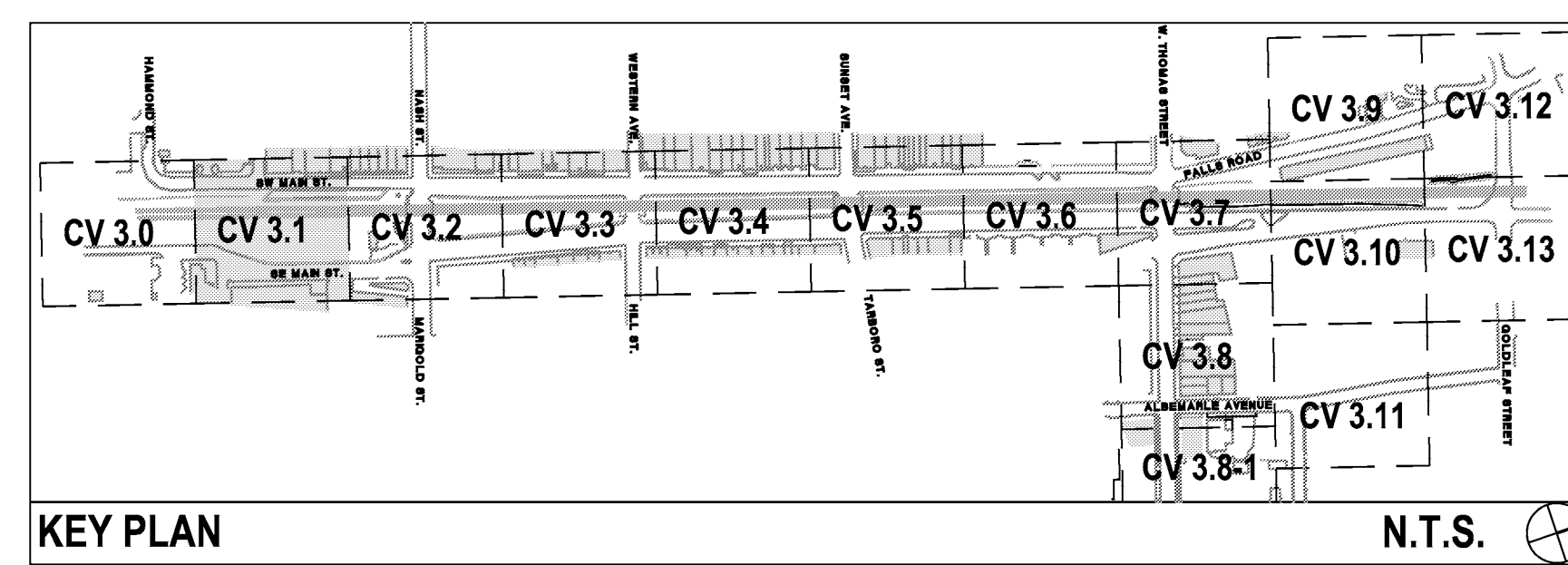
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

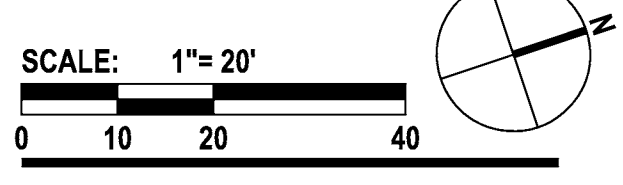
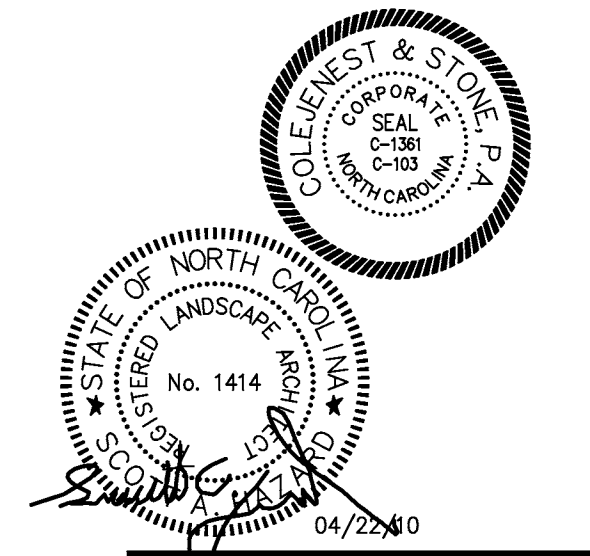
STAKING PLAN

PROJECT NUMBER: **50219**

ISSUED: **04.22.10**

REVISED: # COMMENTS:

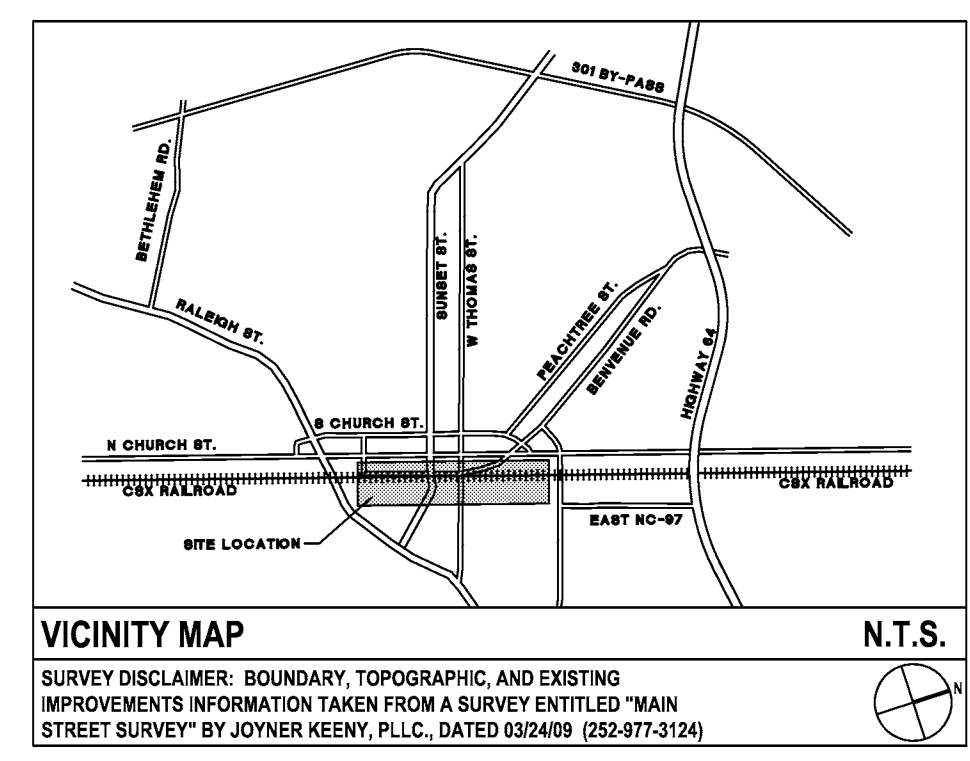
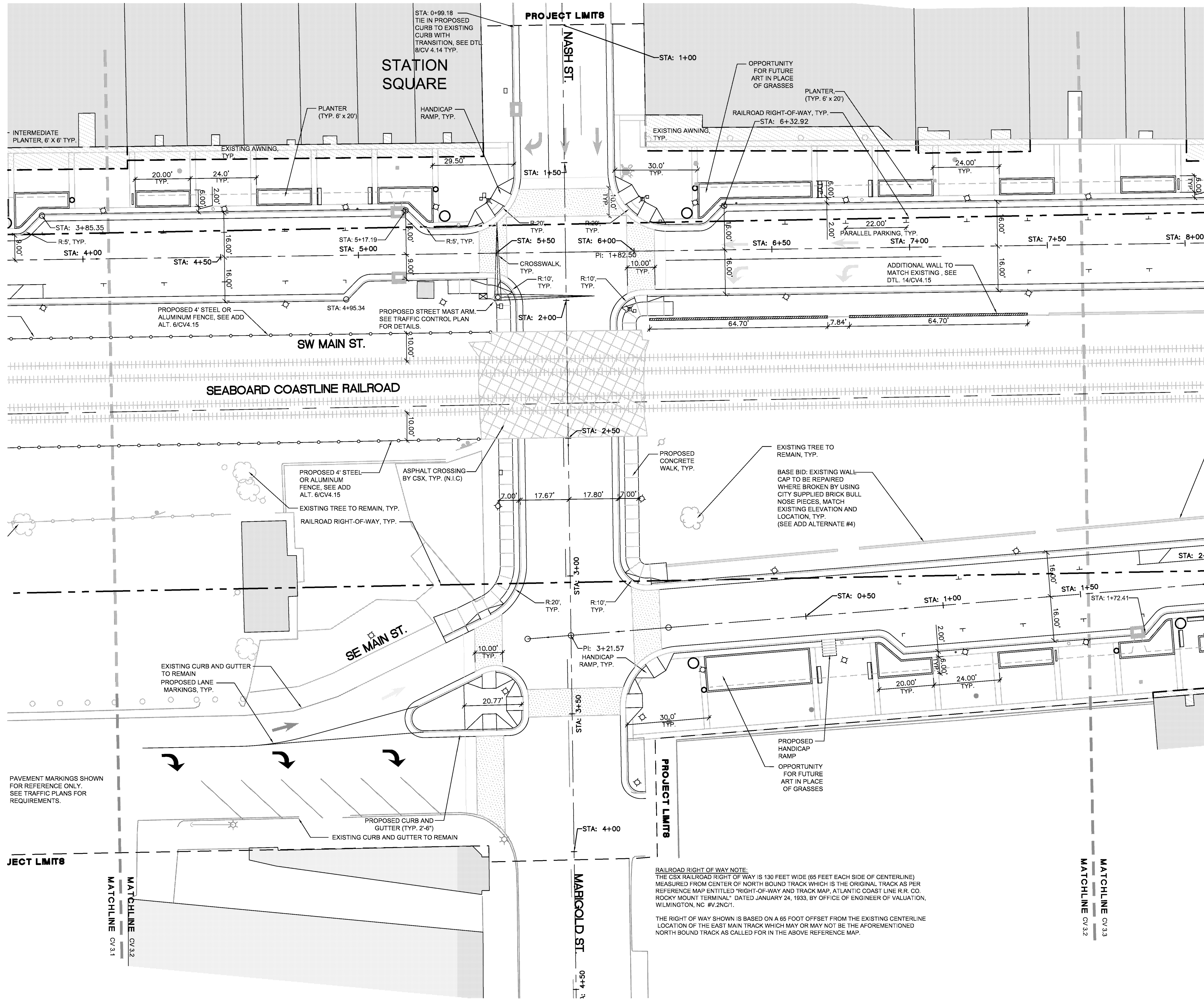
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CV 3.1

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with parallel lines]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 6.9/CV 4.15
[Symbol: Solid line with parallel lines]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dashed line with diagonal lines]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.2/CV 4.15
[Symbol: Dashed line with cross-hatch]	PROPOSED HANDICAP RAMP 7.10,13/CV 4.15
[Symbol: Solid line with dots]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with cross]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Solid line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with cross]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Dashed line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with cross-hatch]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

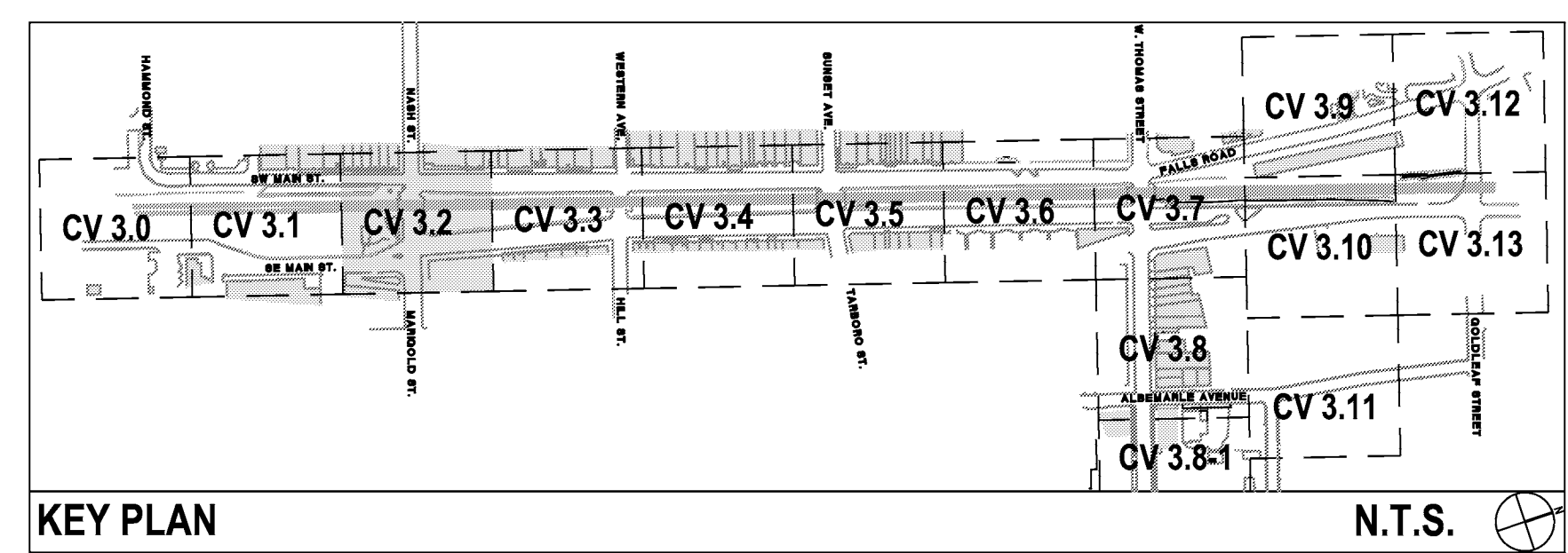
SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

RAILROAD RIGHT OF WAY NOTE:
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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

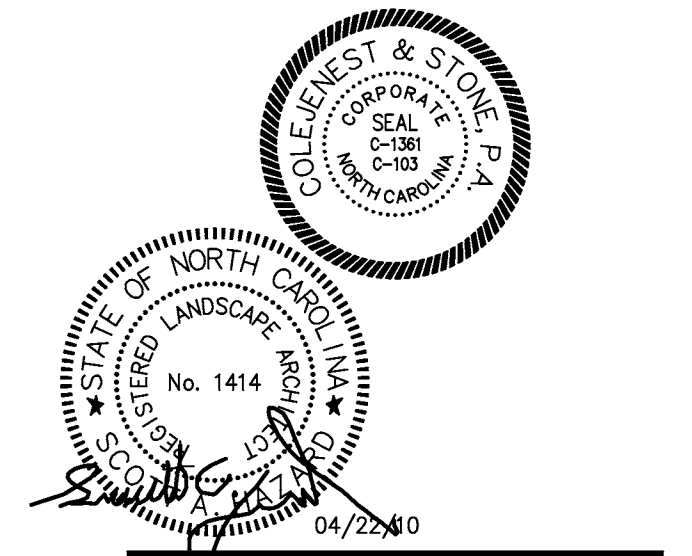
STAKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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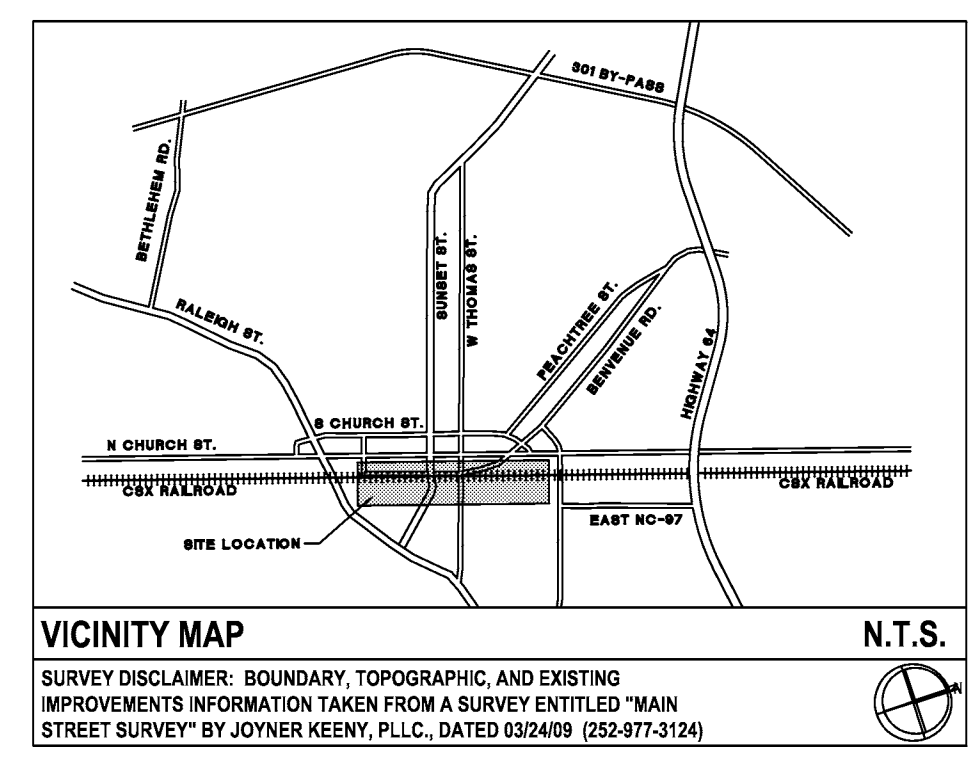
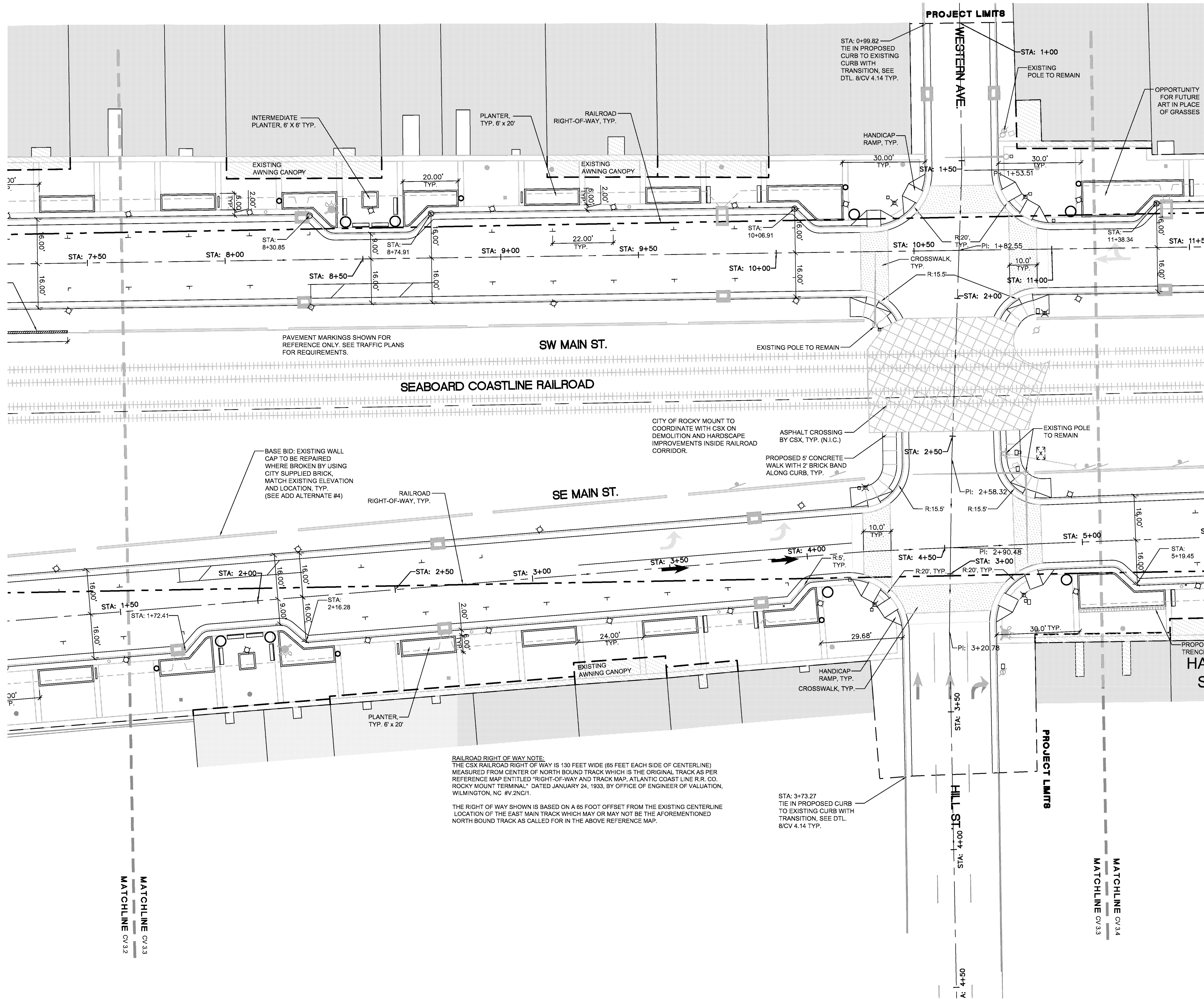


SCALE: 1"=20'

CV 3.2

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Proposed Sidewalk with Pavers]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15)
[Symbol: Proposed Concrete Sidewalk]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15)
[Symbol: Proposed Crosswalk]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15)
[Symbol: Proposed Handicap Ramp]	PROPOSED HANDICAP RAMP
[Symbol: Proposed 2'-6" Curb & Gutter]	PROPOSED 2'-6" CURB & GUTTER
[Symbol: Proposed Lighting]	PROPOSED LIGHTING
[Symbol: Proposed Bench]	PROPOSED BENCH
[Symbol: Proposed Planter Pot]	PROPOSED PLANTER POT
[Symbol: Proposed Trash Receptacle]	PROPOSED TRASH RECEPTACLE
[Symbol: Proposed Bicycle Rack]	PROPOSED BICYCLE RACK
[Symbol: Proposed Tree]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14)

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

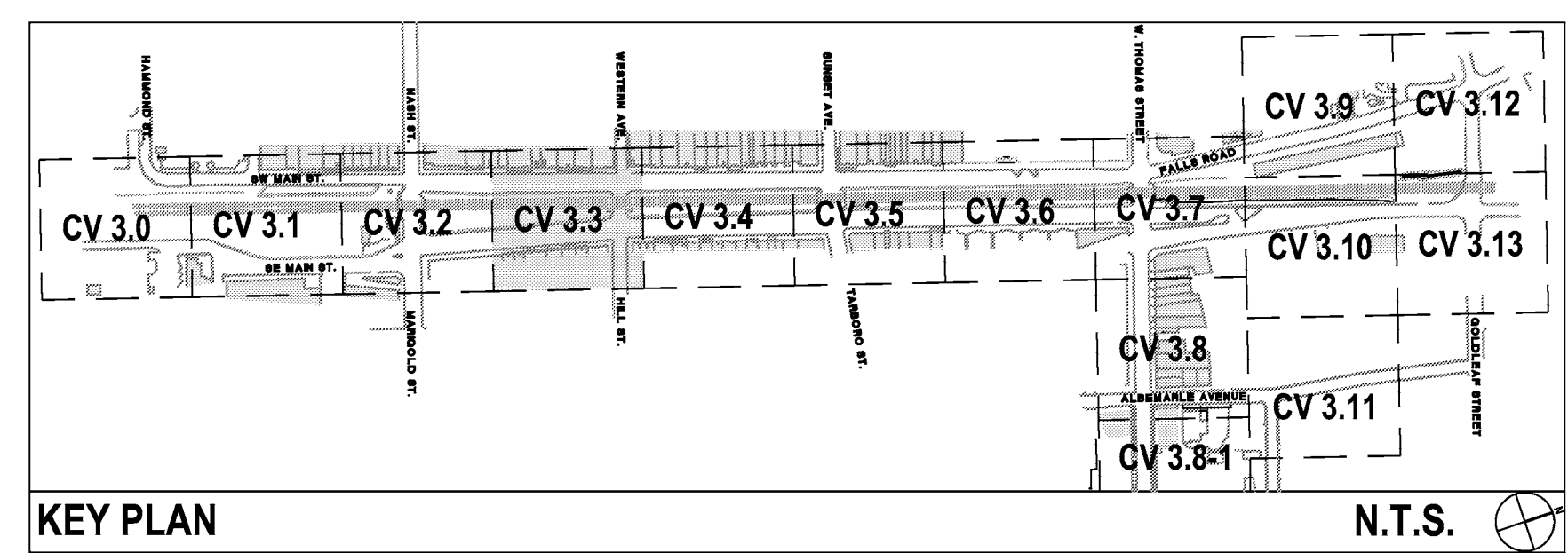
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MATCHLINE CV 3.3
 MATCHLINE CV 3.2



PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

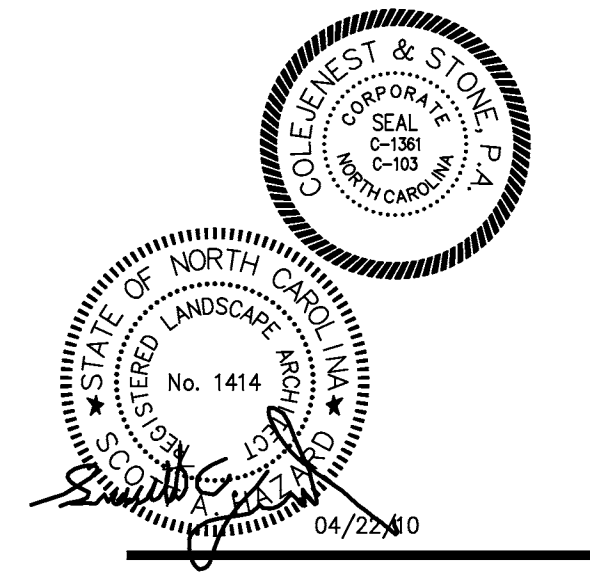
STAKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

NO.	DATE	REVISION
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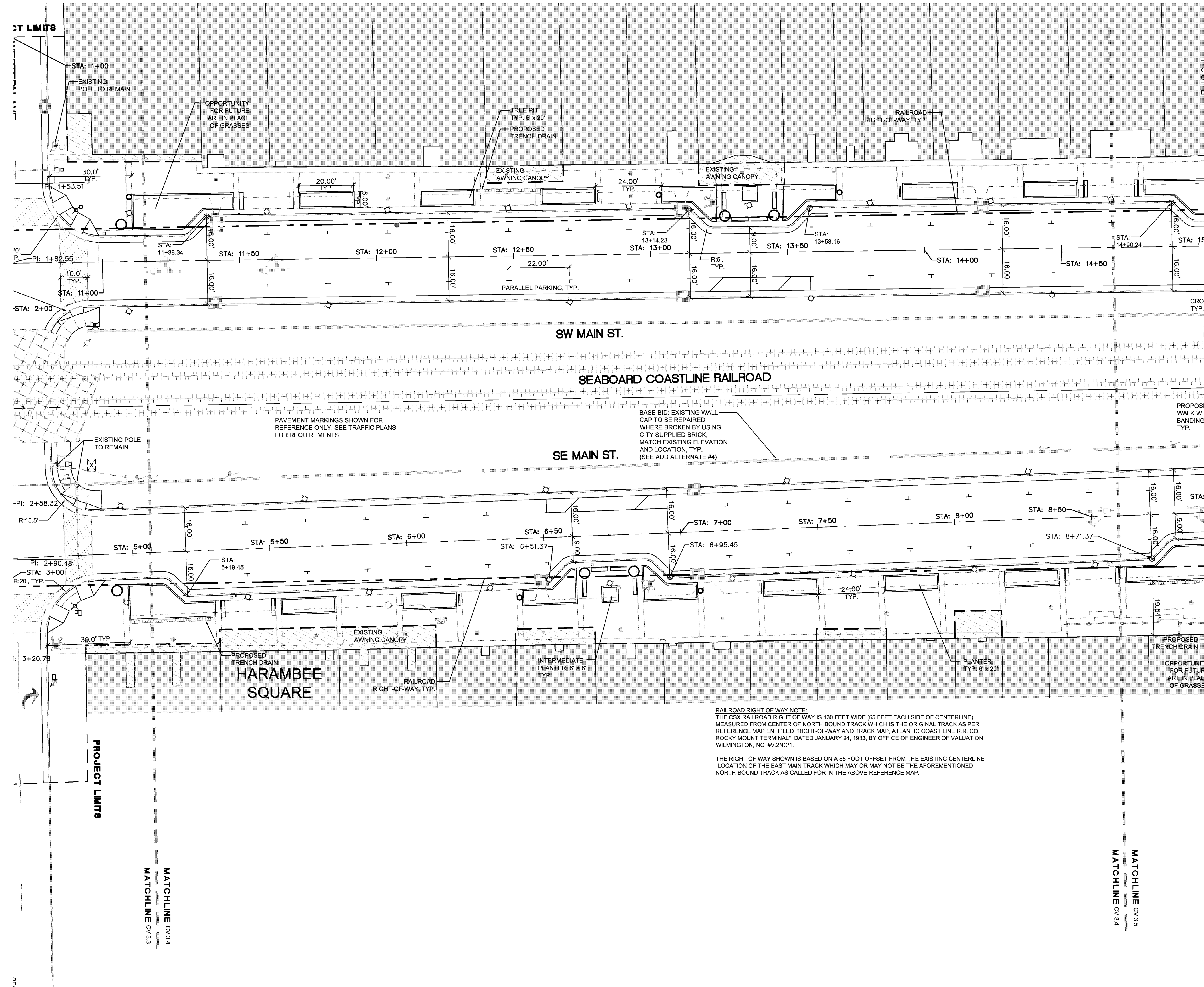


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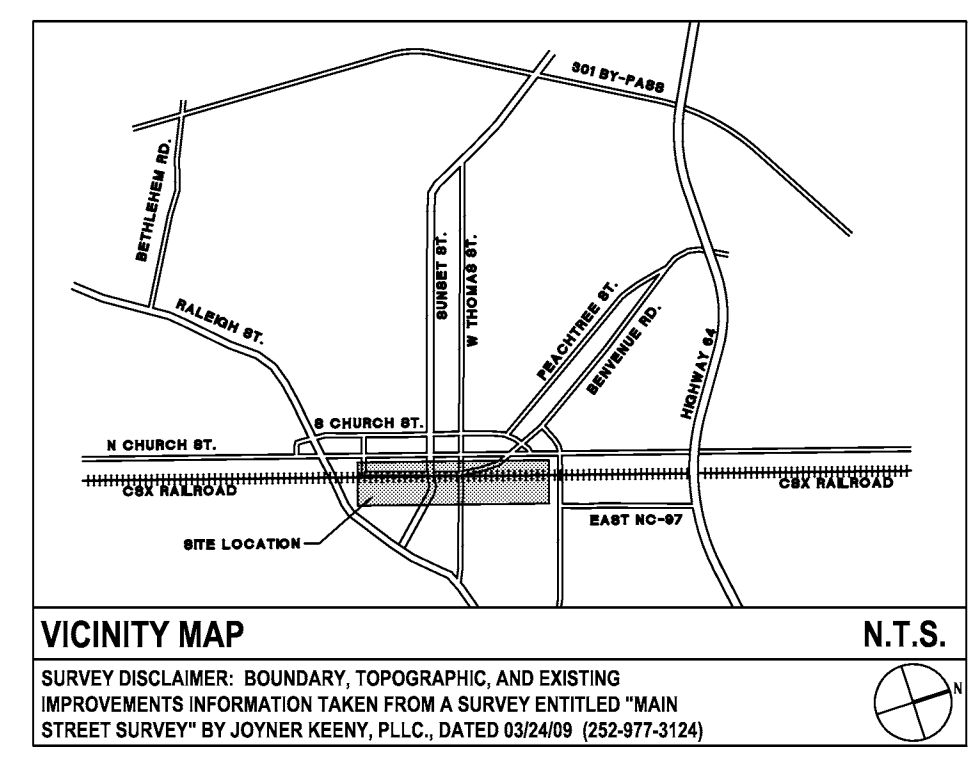
CV 3.3

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RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC. (WV 22021).
 THE RIGHT OF WAY SHOWN IS BASED ON A 66 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with parallel lines]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Solid line with parallel lines]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Triangular pattern]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & CUTTER 1/CV 4.14
[Symbol: Square with cross]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with dot]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.
 SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.
 SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II
 ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

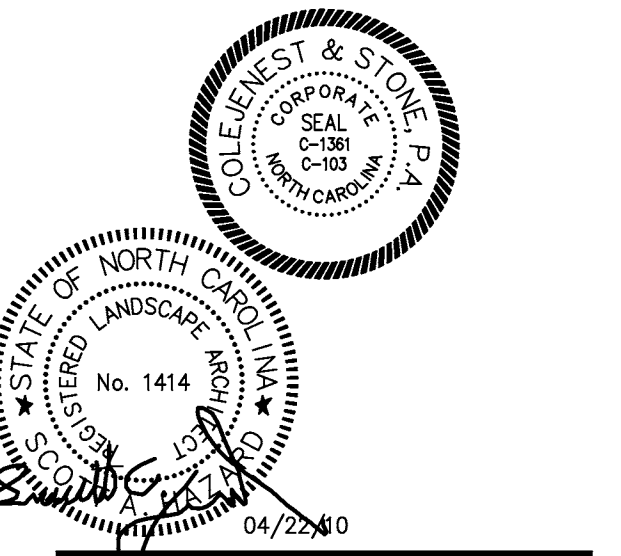
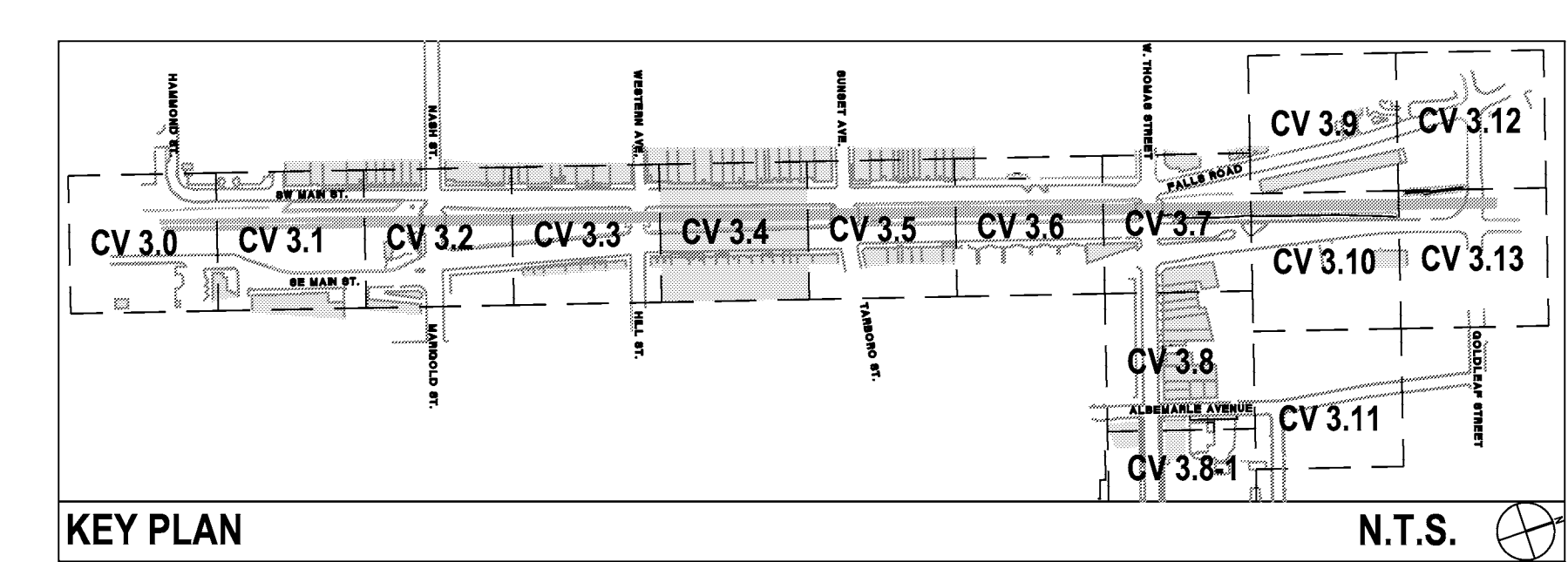
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PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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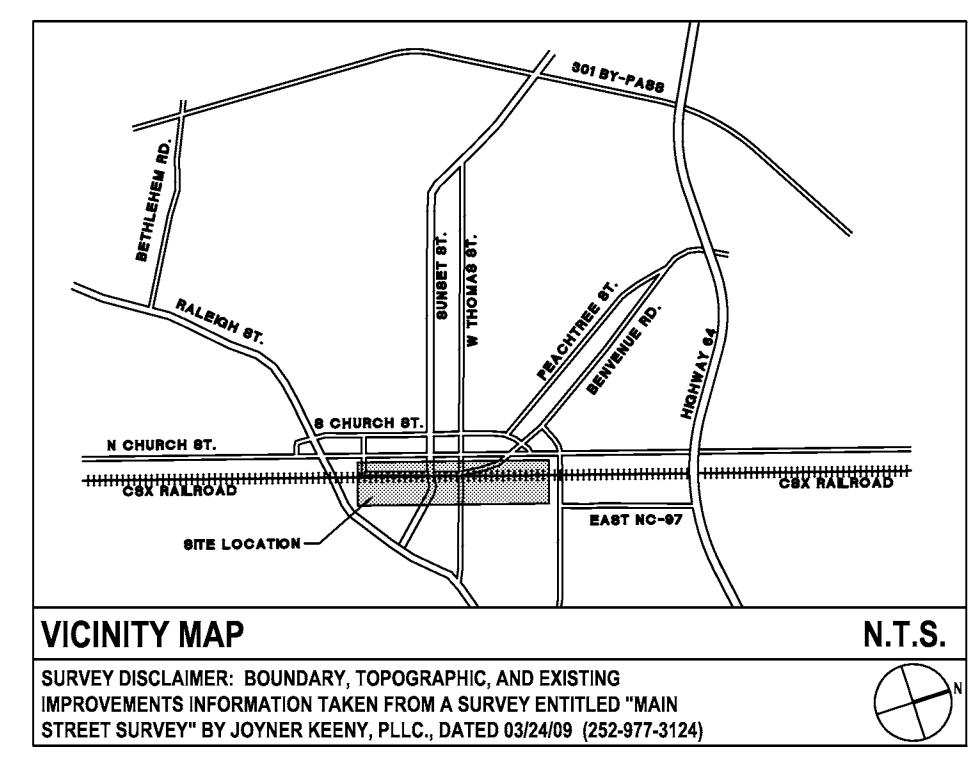
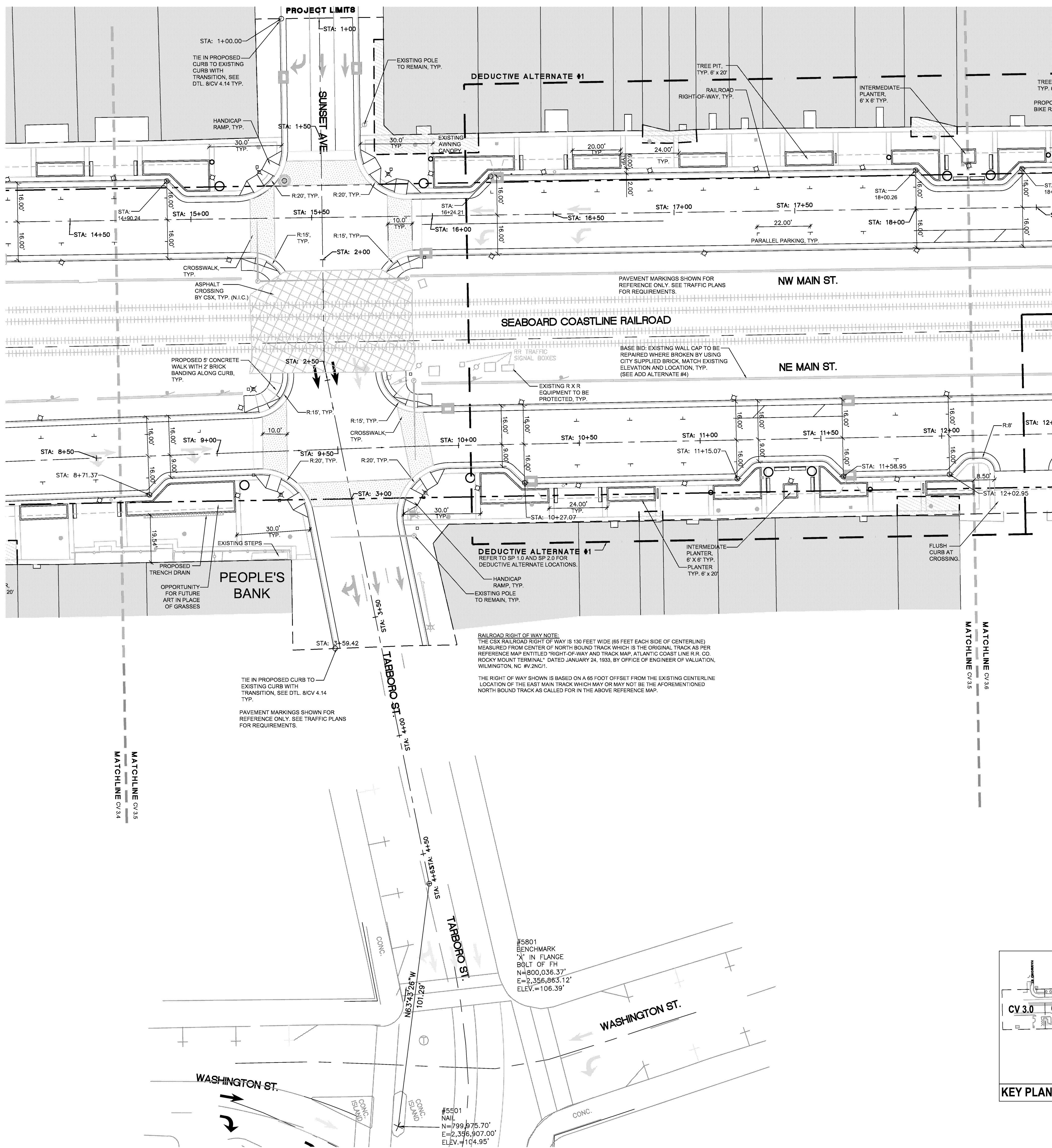


SCALE: 1"=20'

CV 3.4

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ColeJenest & Stone, P.A. 2008 ©



LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.5/CV 4.15
[Symbol]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol]	PROPOSED BENCH 10/CV 4.14
[Symbol]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

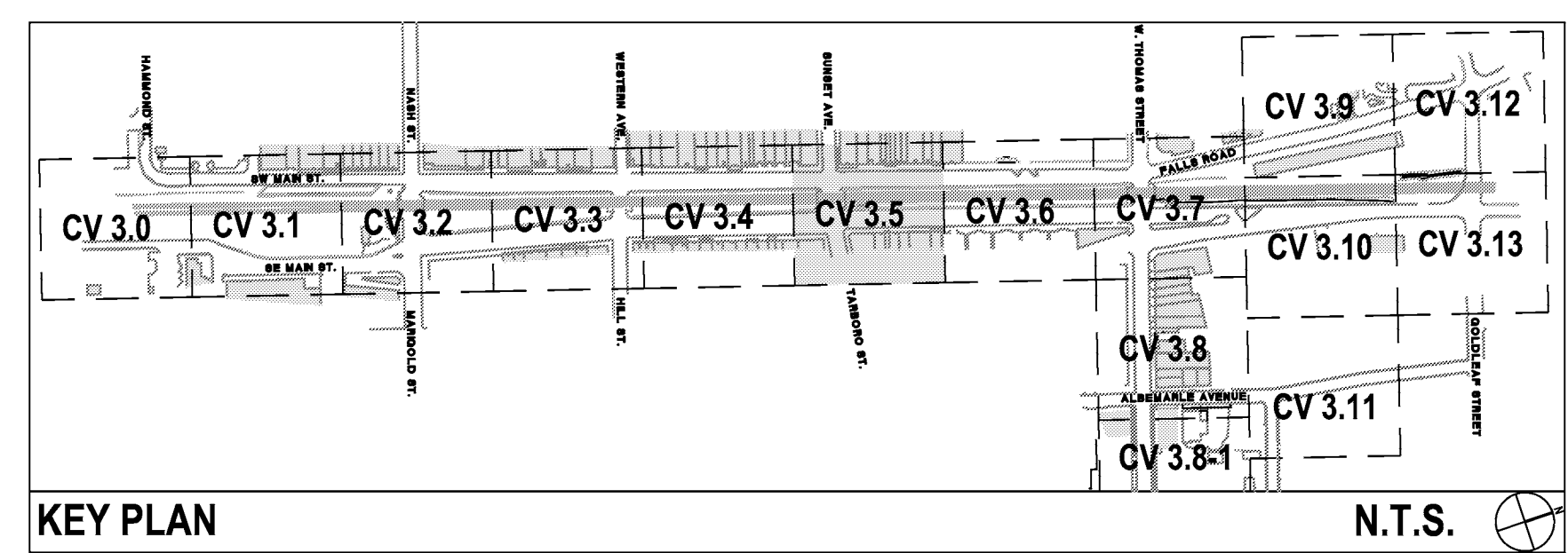
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

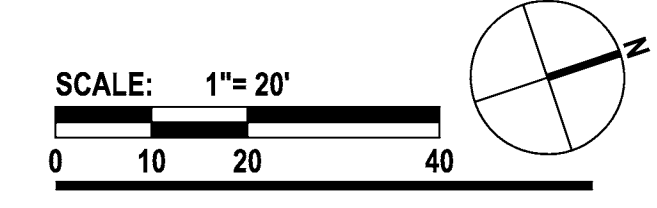
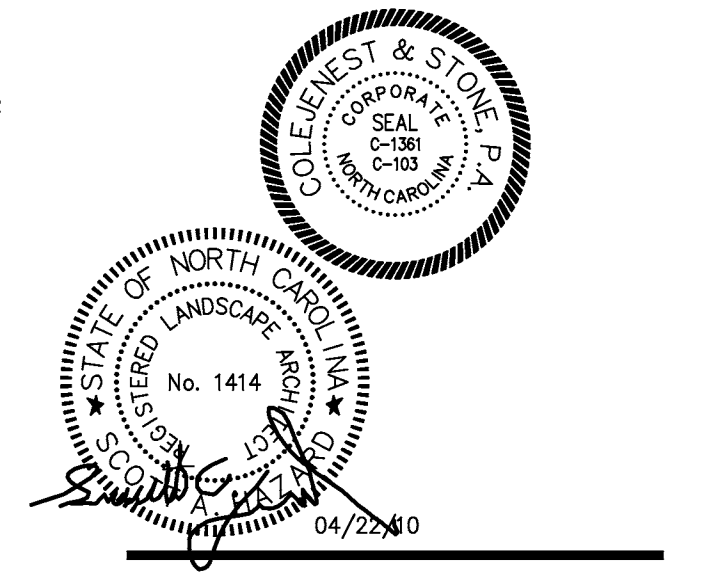
STAKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

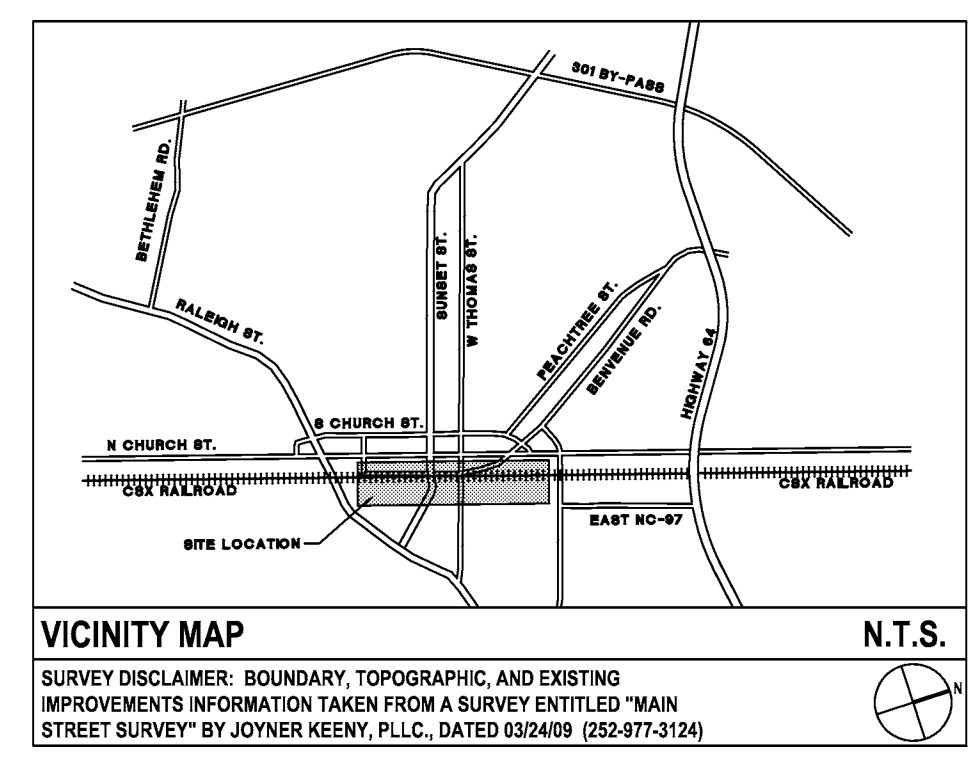
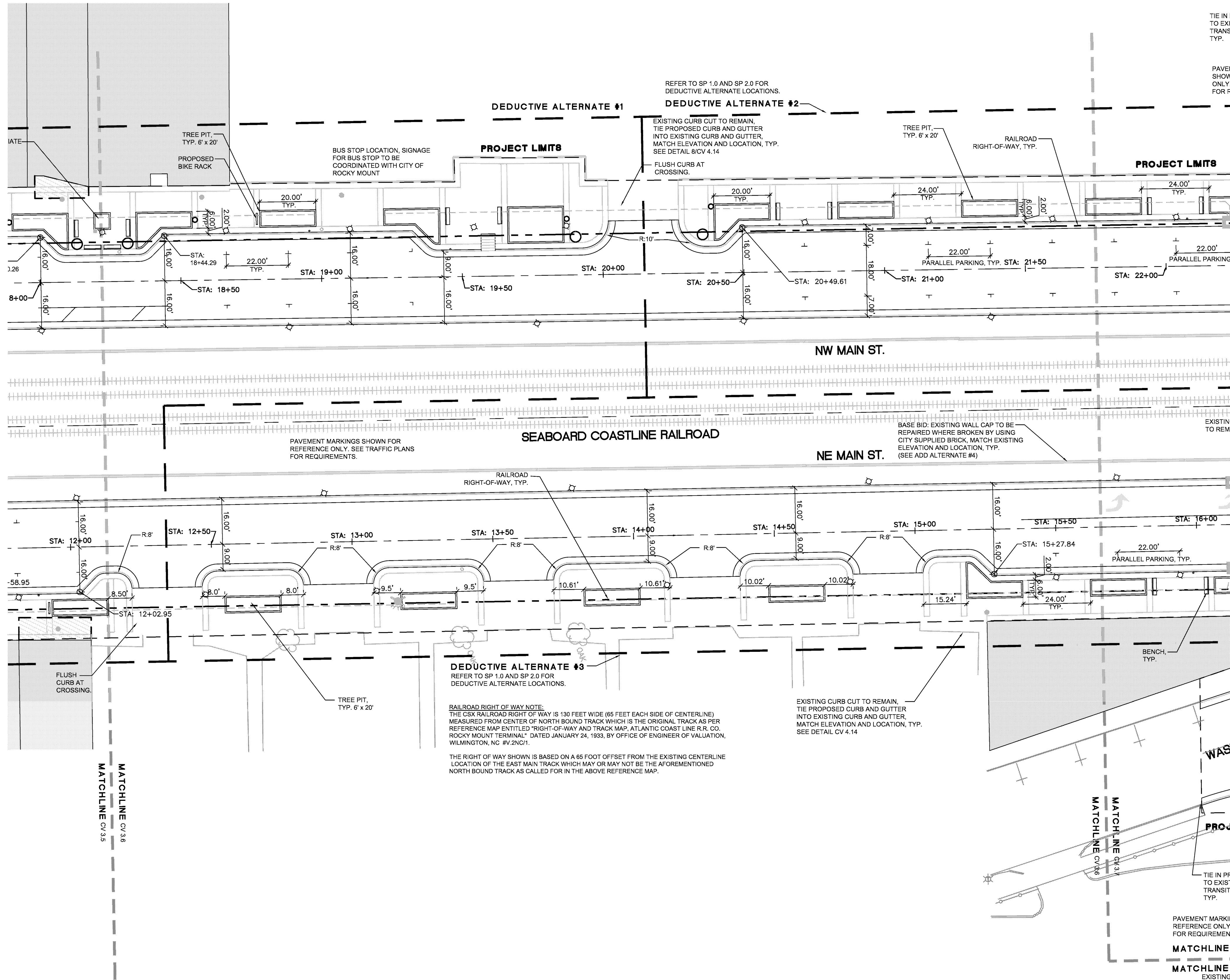
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CV 3.5

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Cole Jenest & Stone, P.A. 2008 ©



LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Proposed sidewalk with pavers]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Proposed concrete sidewalk]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Proposed crosswalk]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Proposed handicap ramp]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Proposed 2'-6" curb & gutter]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Proposed lighting]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Proposed bench]	PROPOSED BENCH 10/CV 4.14
[Symbol: Proposed planter pot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Proposed trash receptacle]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Proposed bicycle rack]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Proposed tree]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

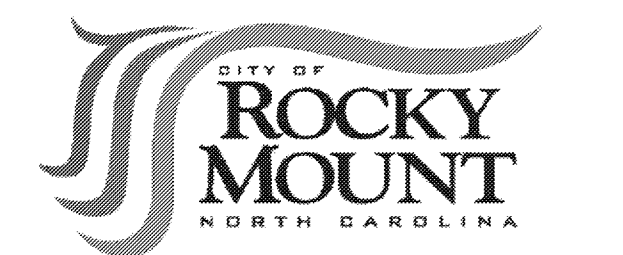
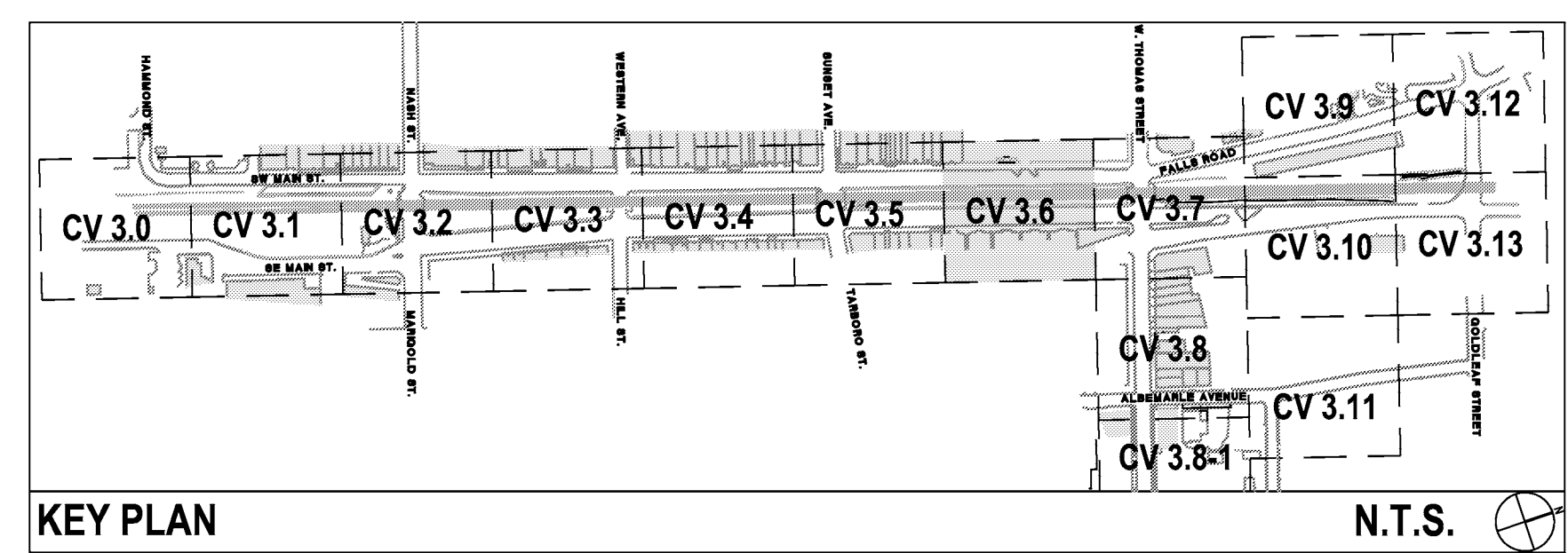
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

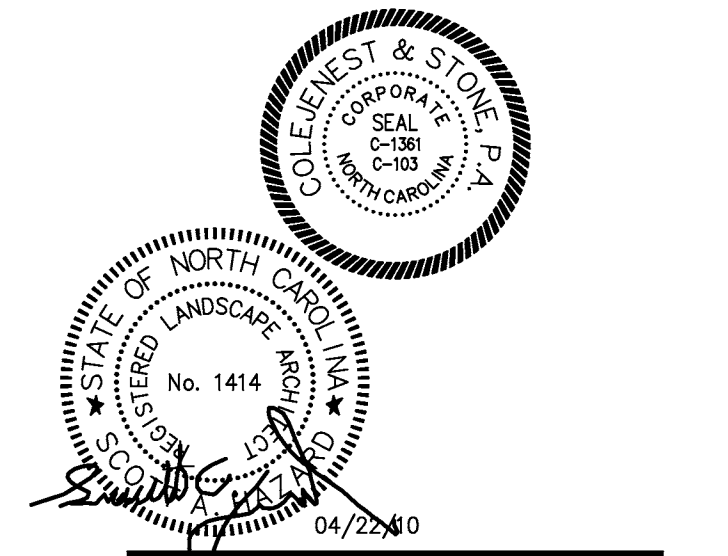
STAKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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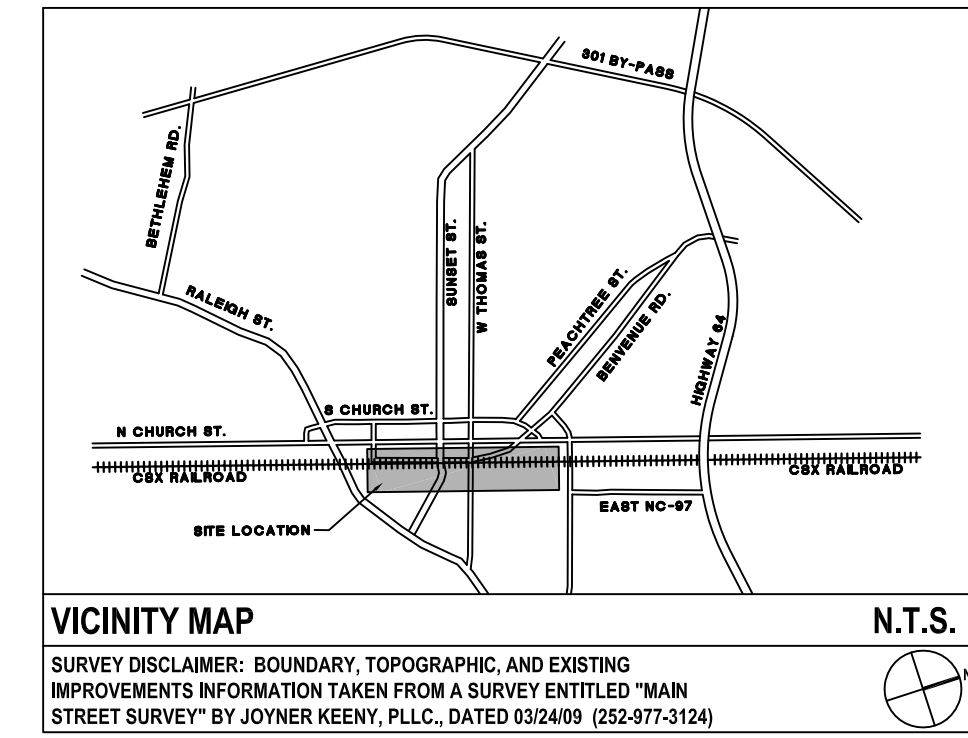
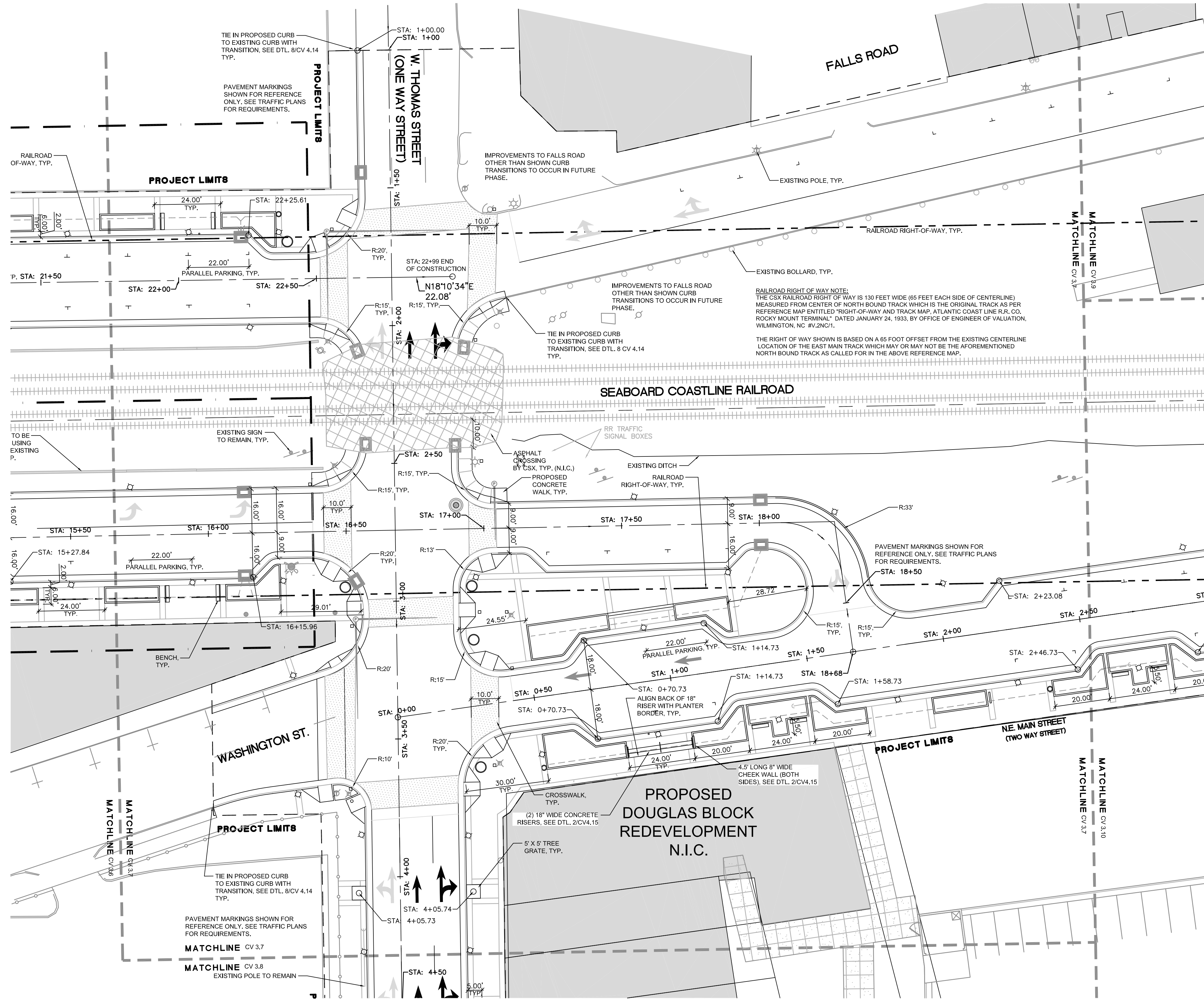


SCALE: 1"=20'

CV 3.6

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11,12/CV 4.15
[Symbol]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol]	PROPOSED BENCH 10/CV 4.14
[Symbol]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.
 SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.
 SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

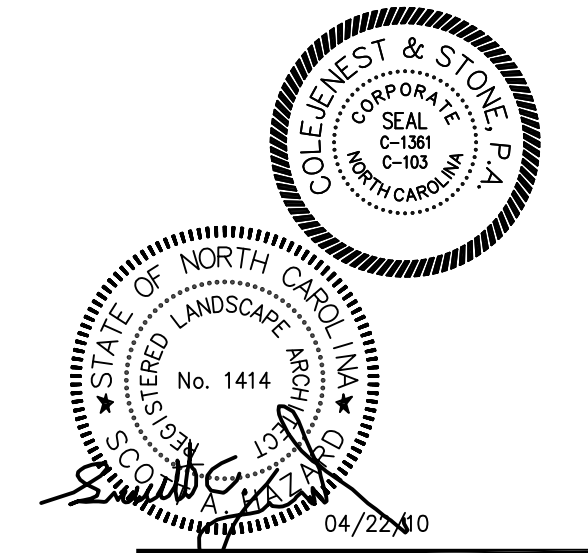
STAKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

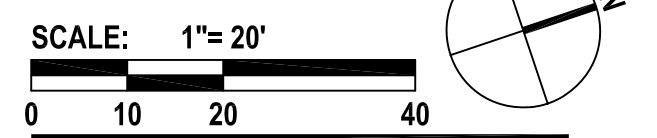
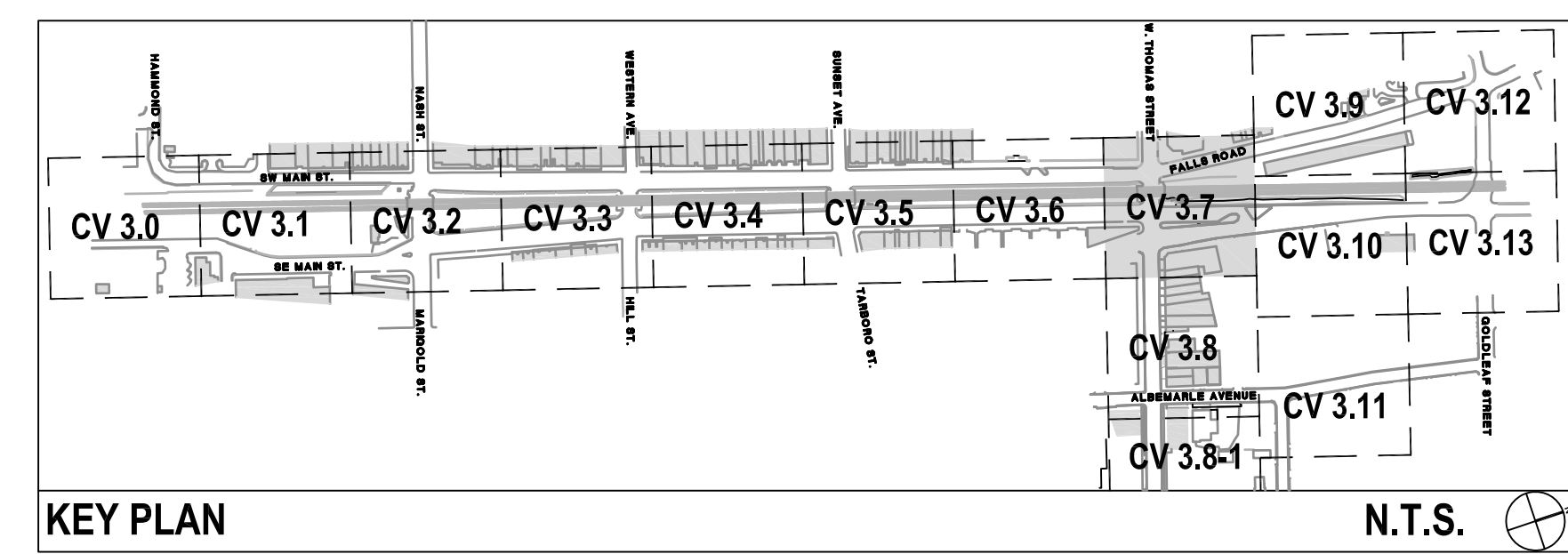
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PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

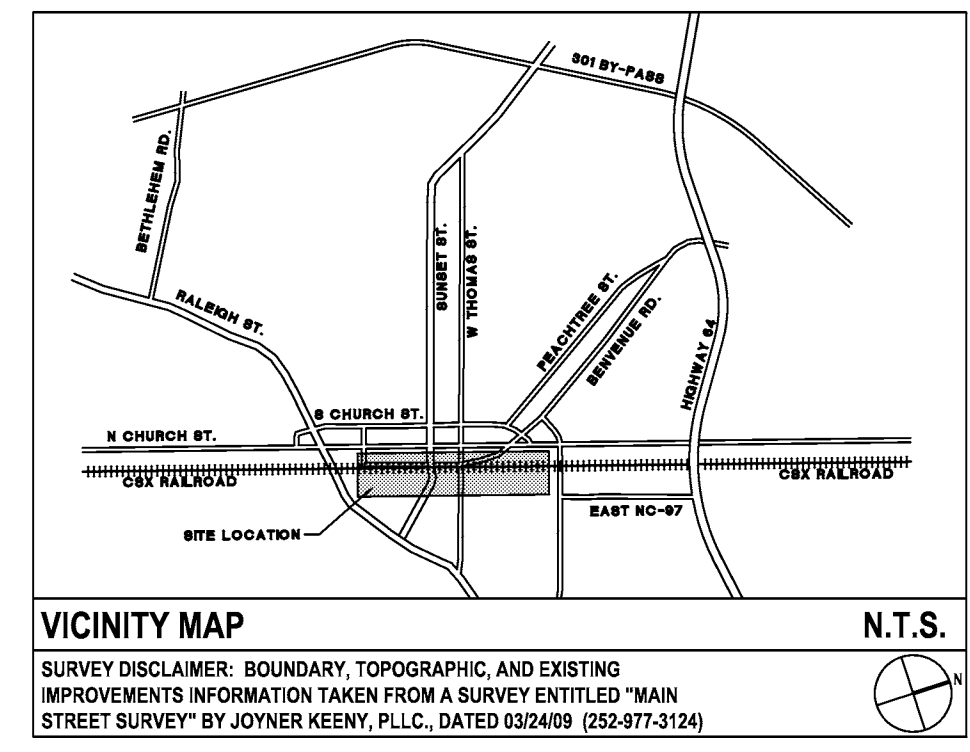
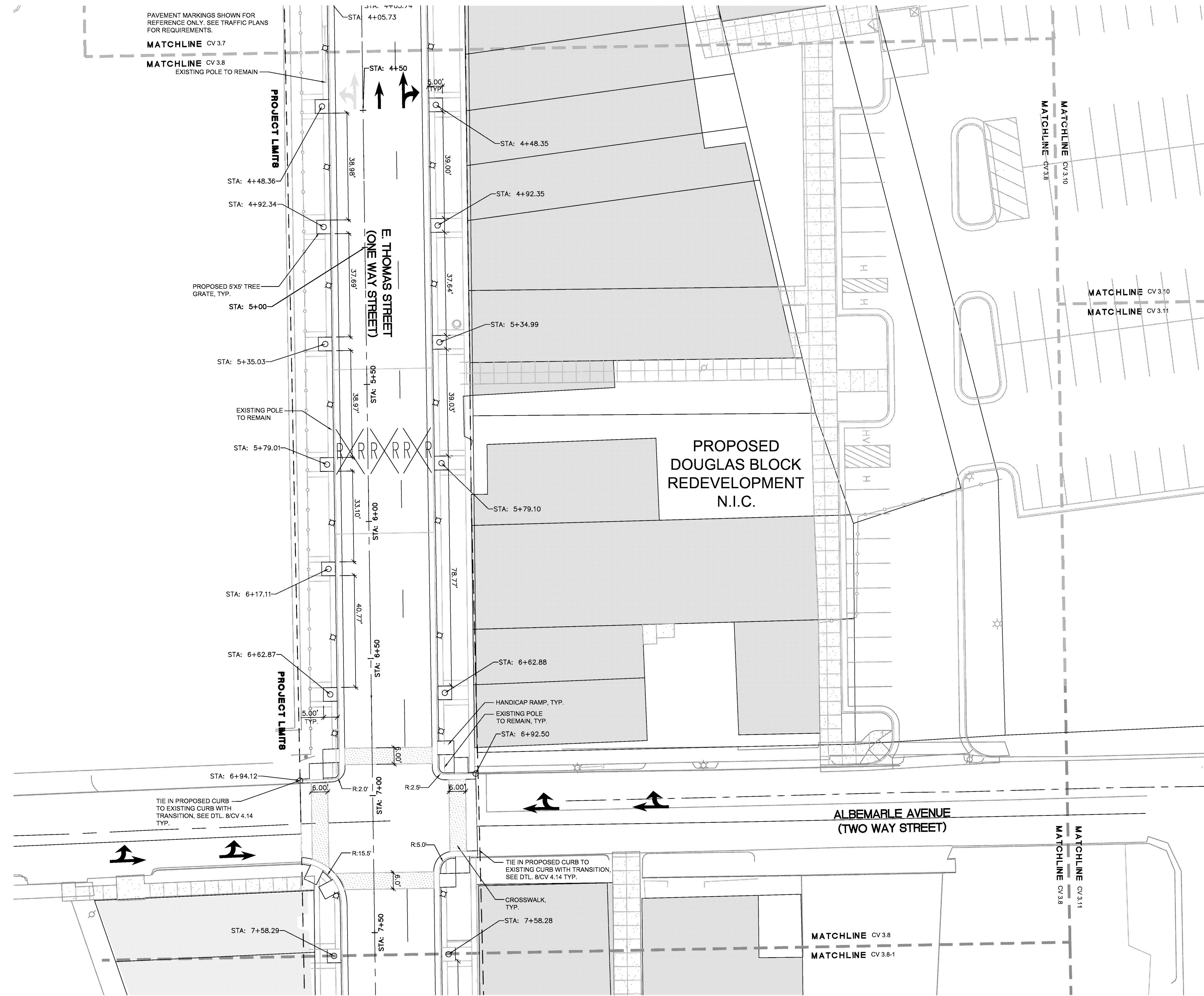


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CV 3.7

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dots]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Solid line with dots]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Parallel lines]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with X]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal bar]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with X]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical bar]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

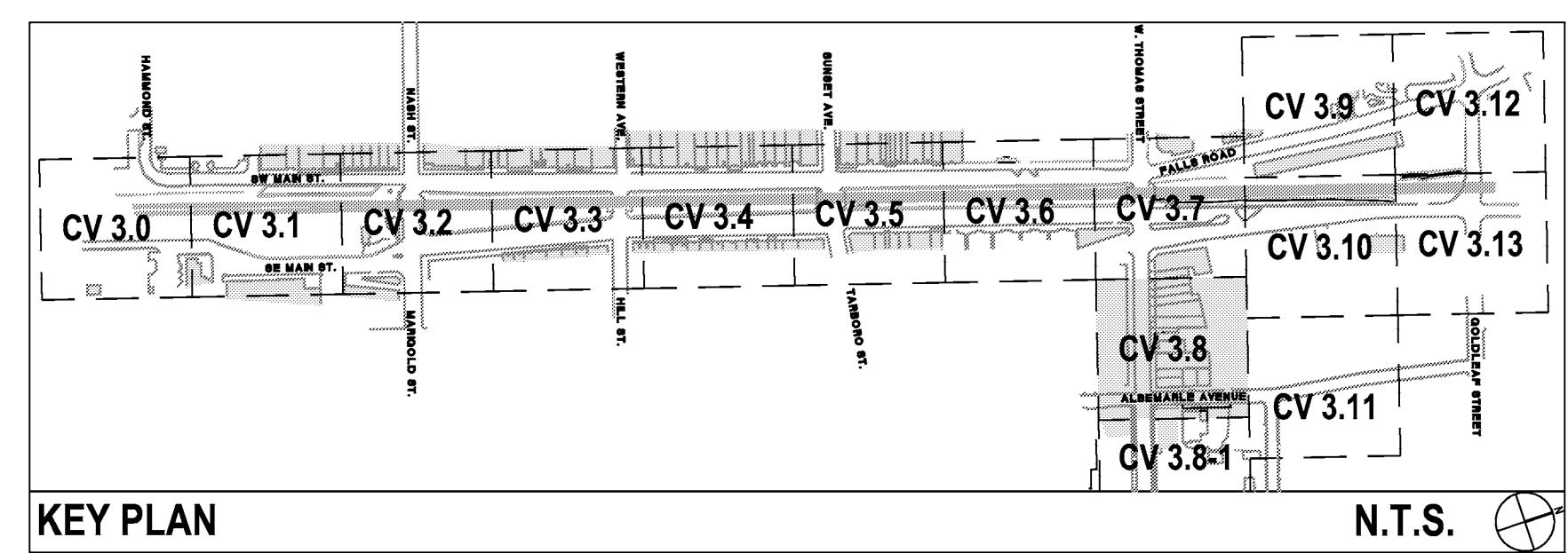
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

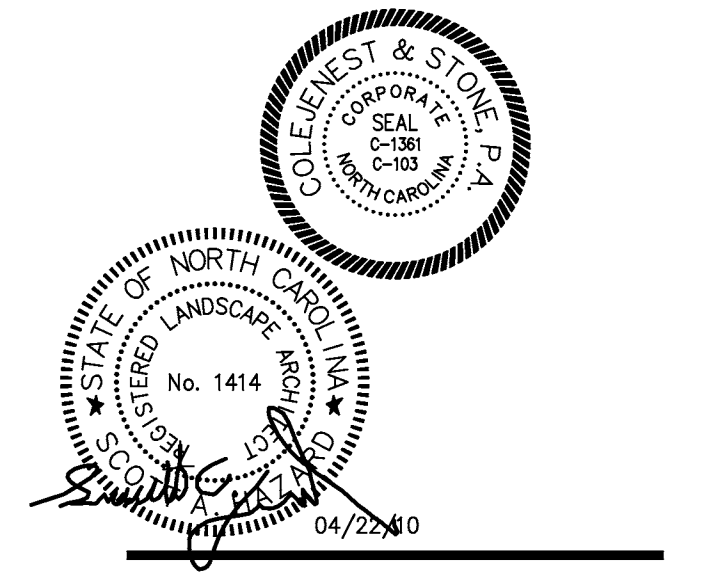
STAKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

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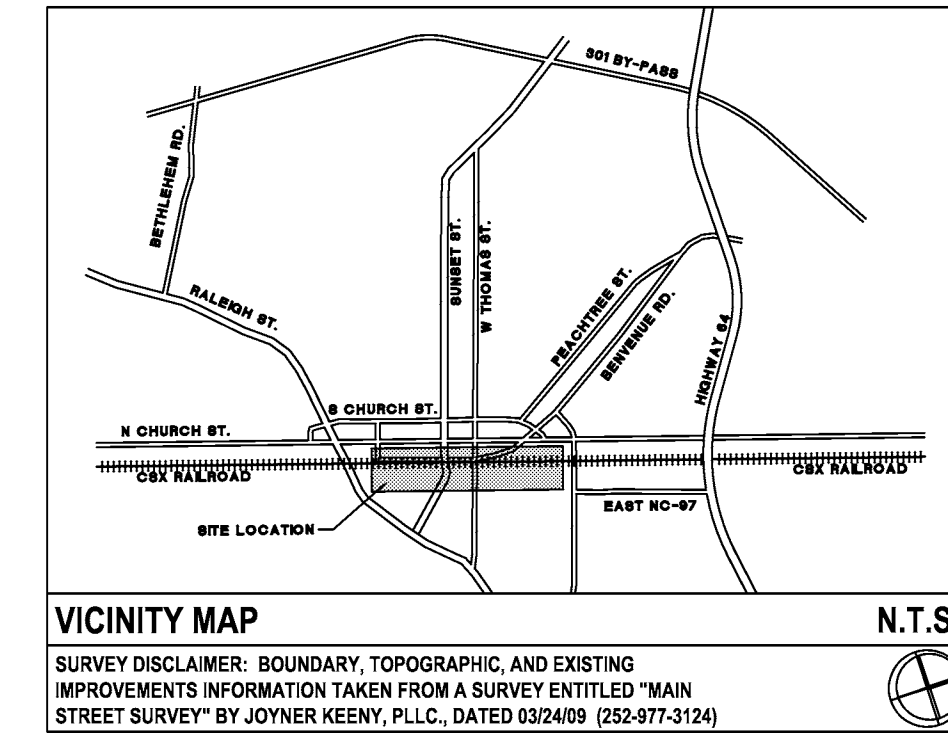
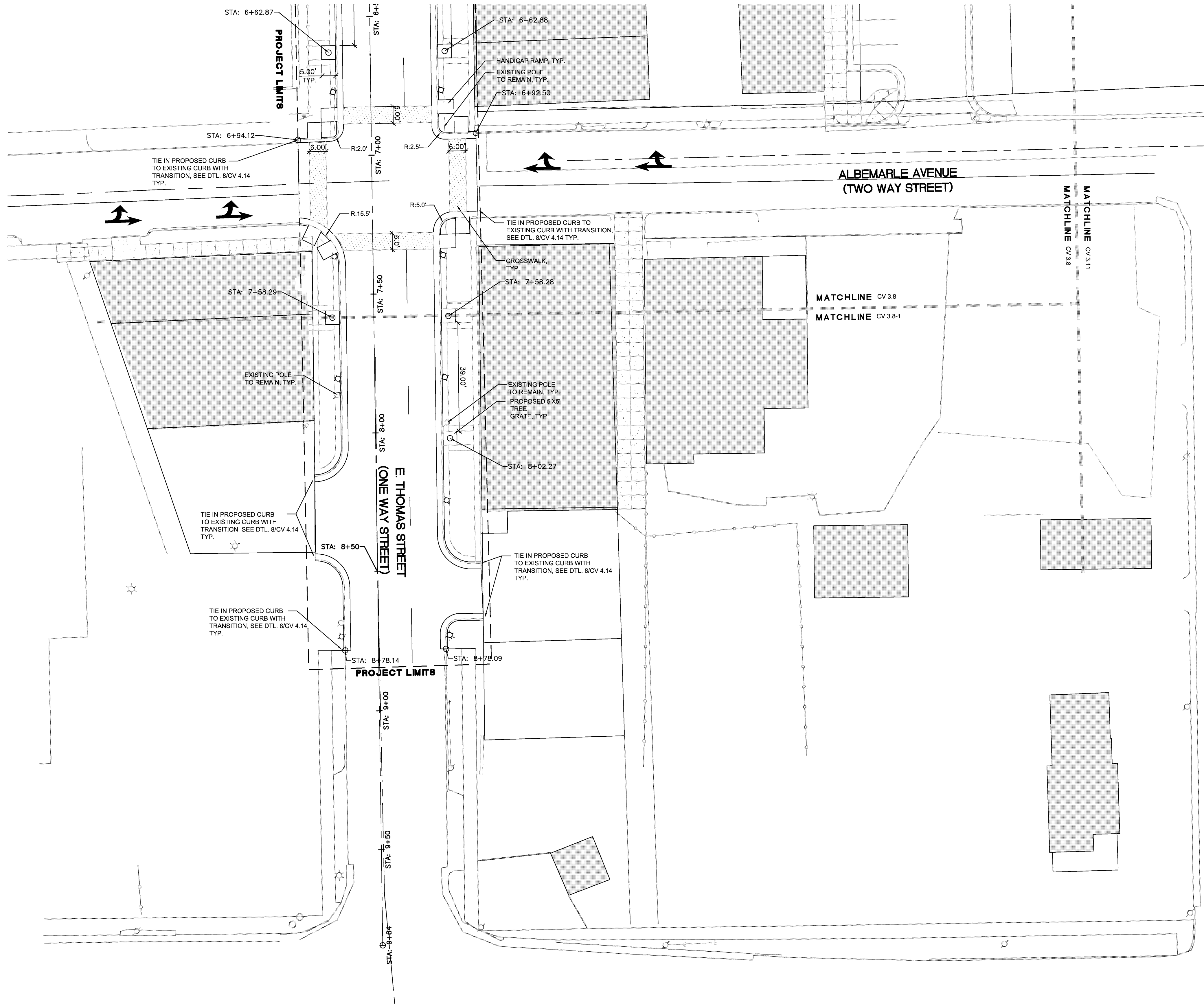


SCALE: 1"=20'

CV 3.8

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Paved Sidewalk]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Concrete Sidewalk]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Crosswalk]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Handicap Ramp]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curb & Gutter]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Lighting]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Bench]	PROPOSED BENCH 10/CV 4.14
[Symbol: Planter Pot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Trash Receptacle]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Bicycle Rack]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Tree]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:

50219

ISSUED:

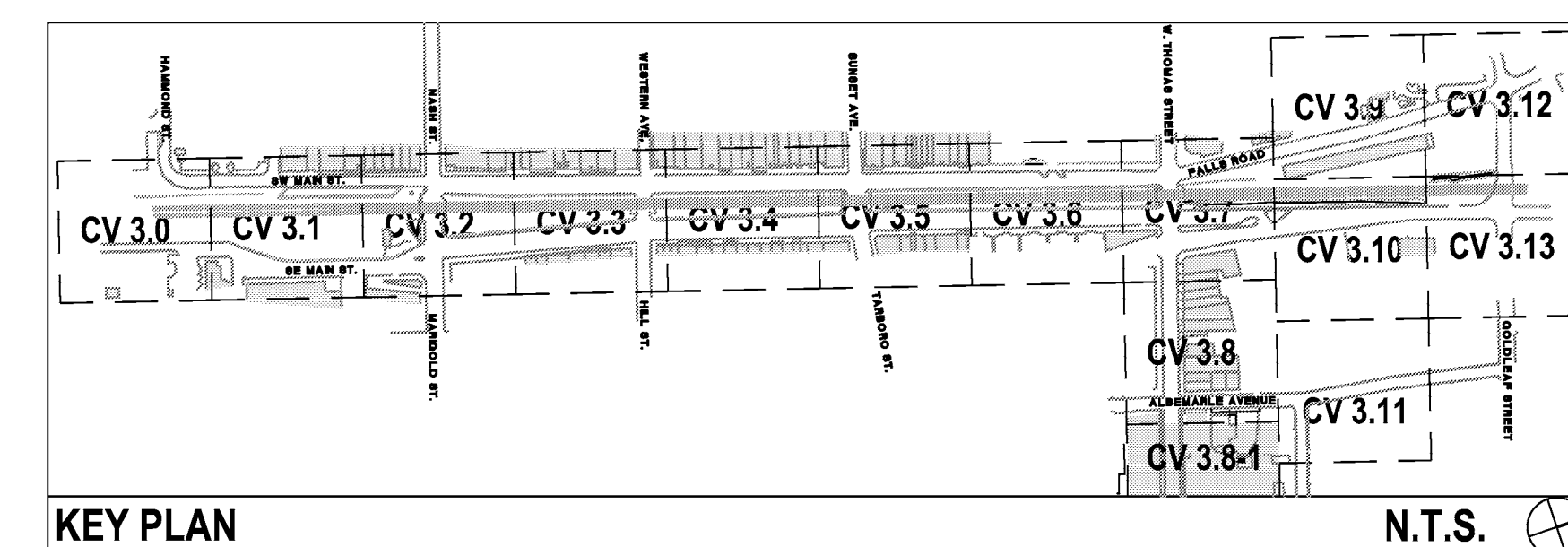
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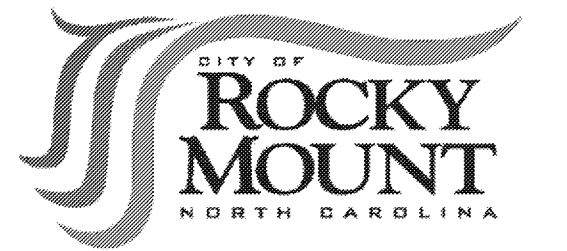
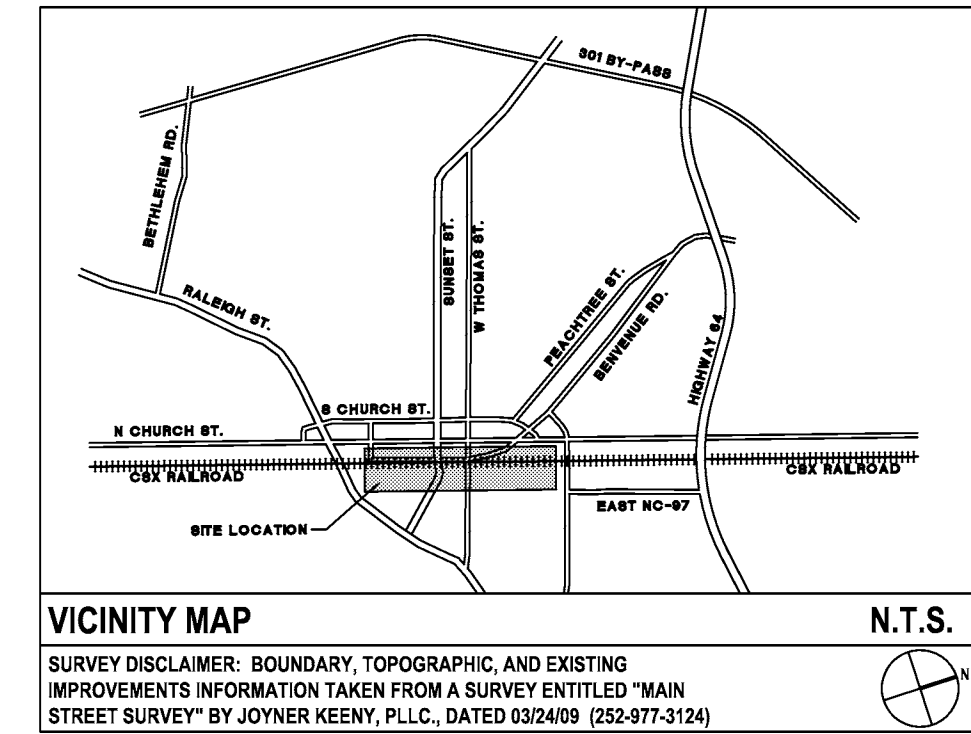


SCALE: 1"= 20'

CV 3.8-1

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:

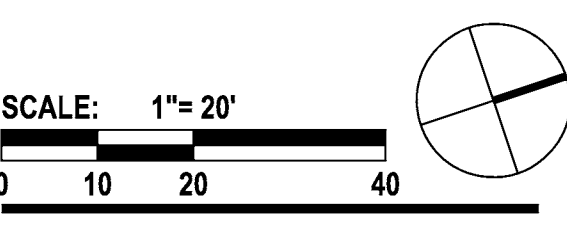
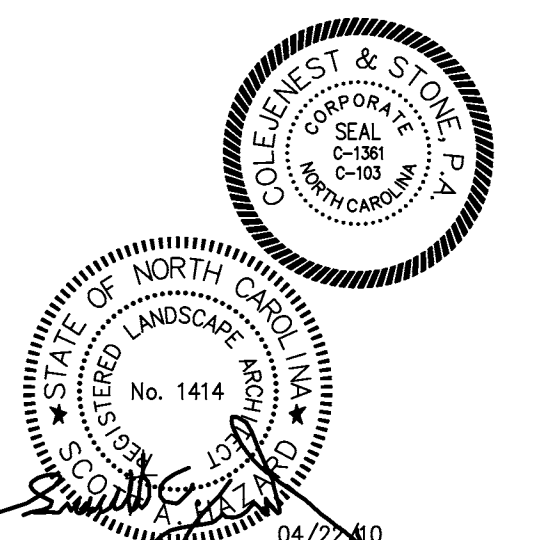
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ISSUED:

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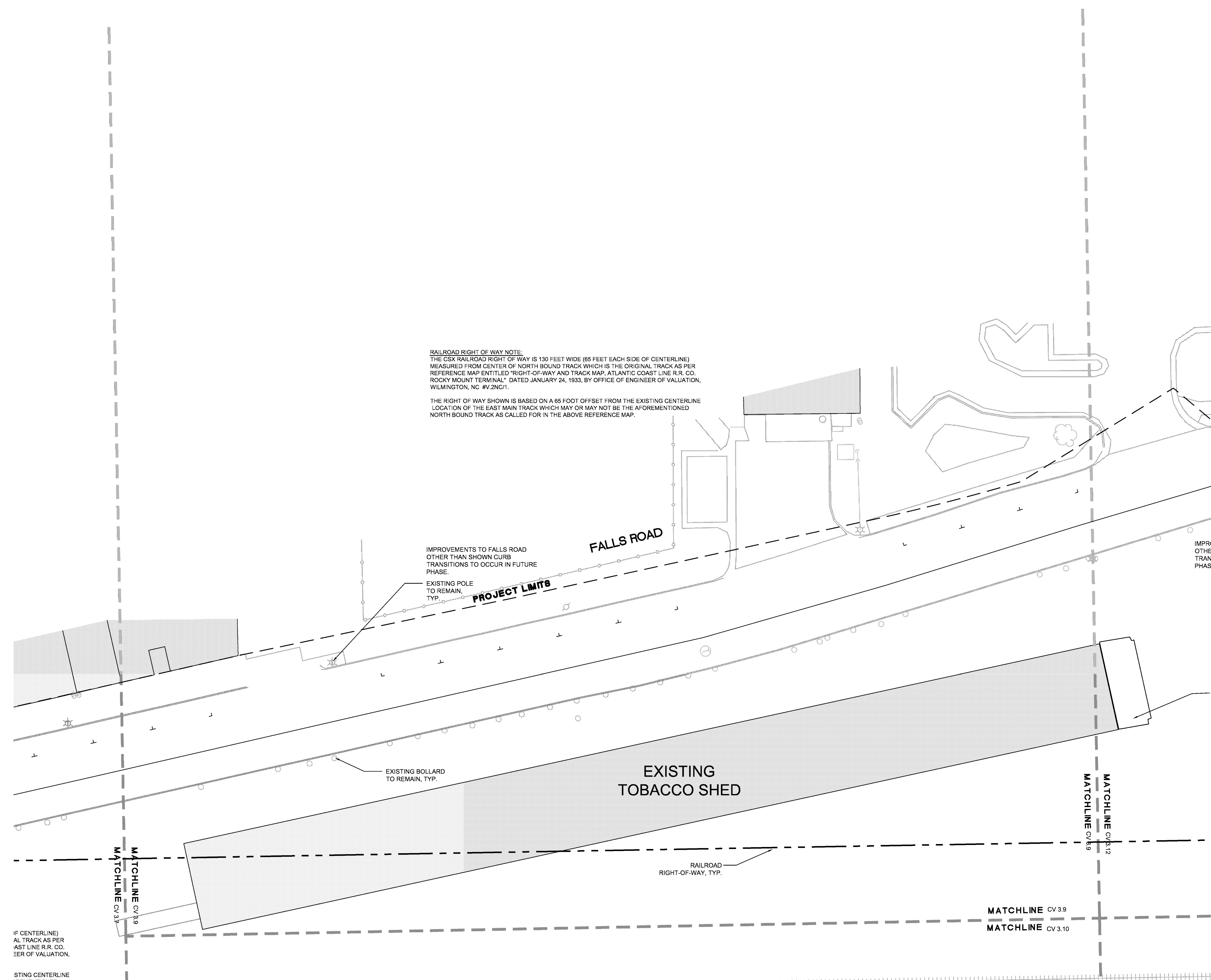
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CV 3.9

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8,9/CV 4.15
[Symbol]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11,12/CV 4.15
[Symbol]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol]	PROPOSED 2'-6" CURB & CUTTER 1/CV 4.14
[Symbol]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol]	PROPOSED BENCH 10/CV 4.14
[Symbol]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

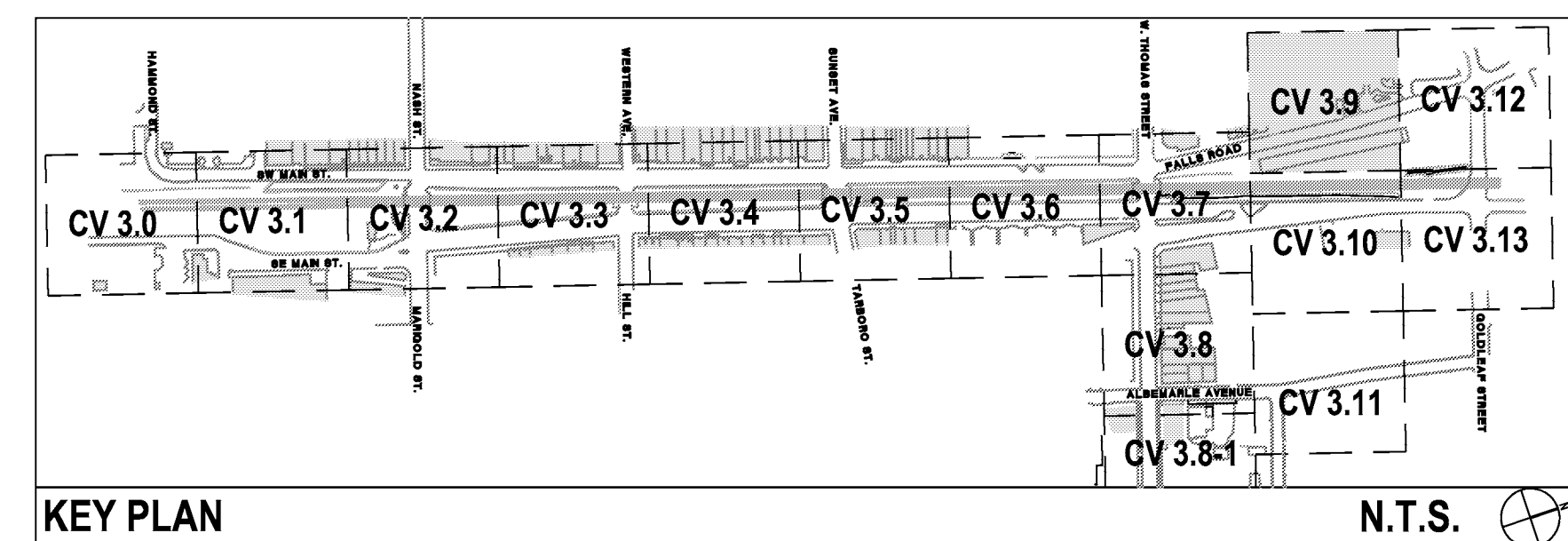
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

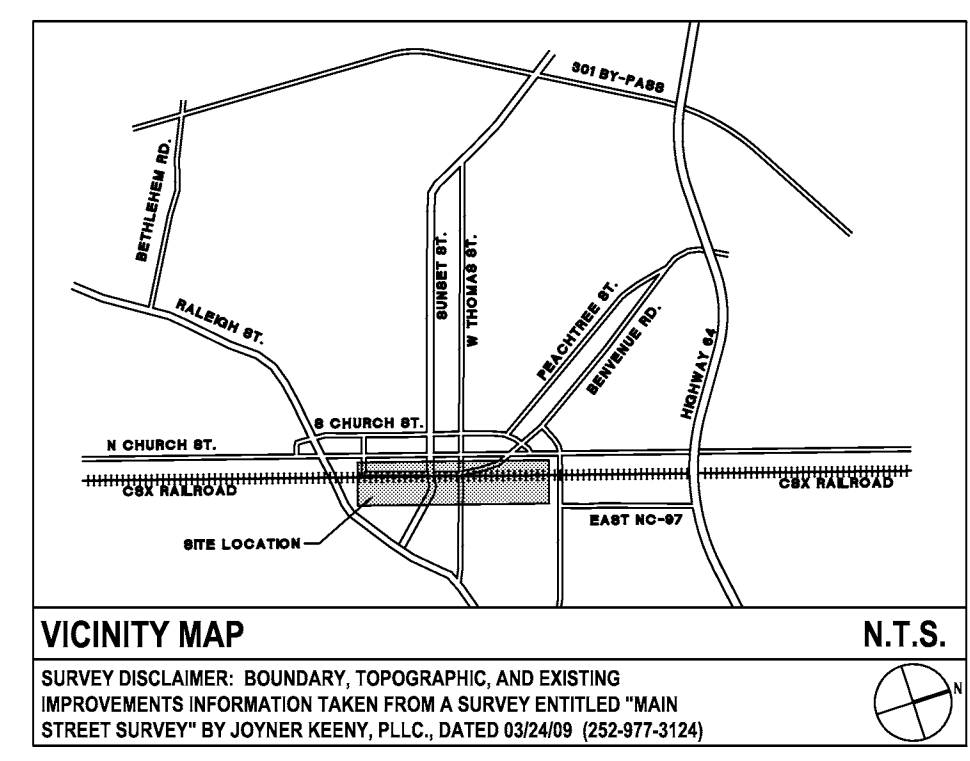
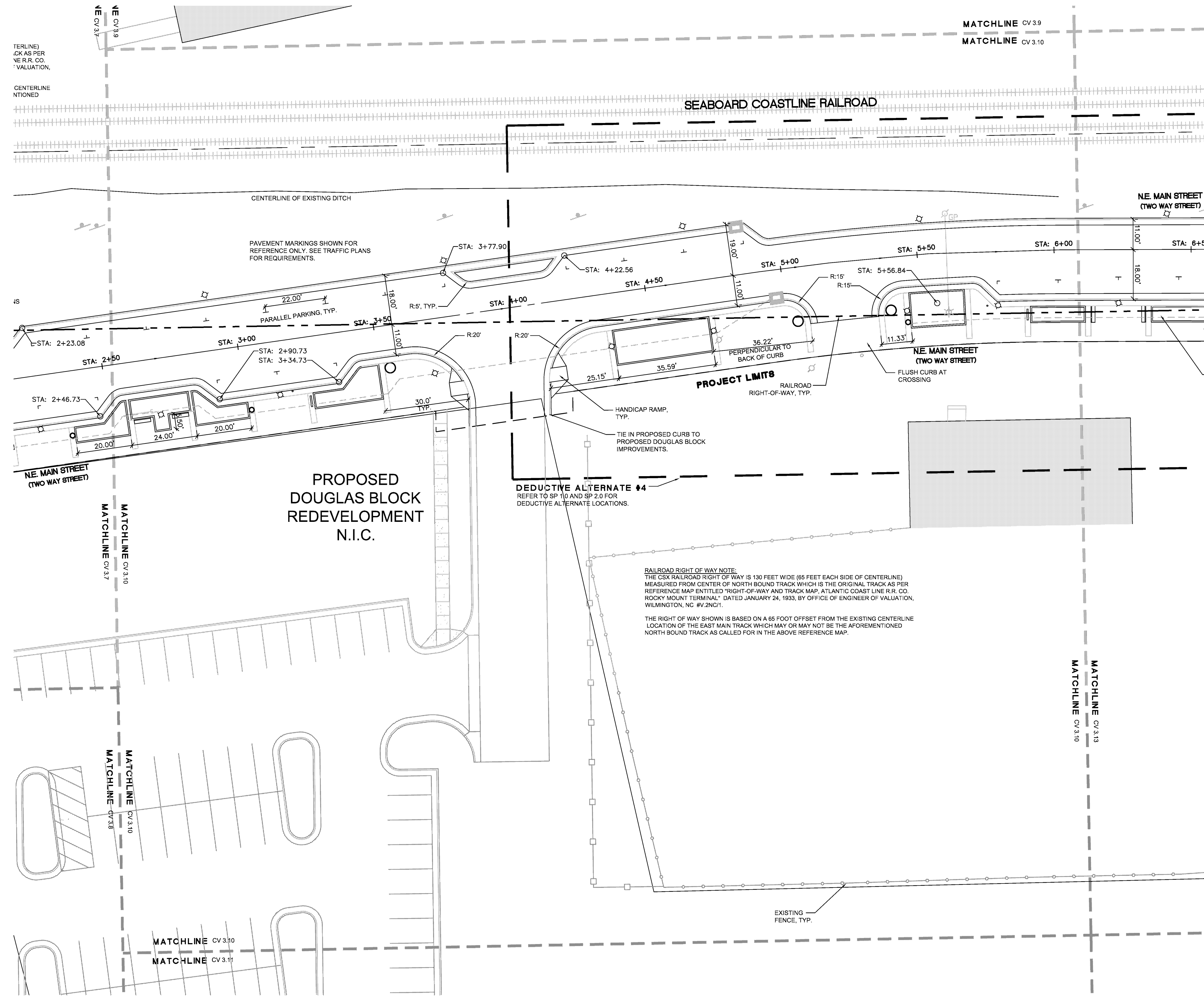
SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

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LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dots]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Solid line with dots]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.2/CV 4.15
[Symbol: Parallel lines]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2"-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with dot]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with cross]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

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SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

RAILROAD RIGHT OF WAY NOTE:
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THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.

DEDUCTIVE ALTERNATE #4
 REFER TO SP 1.0 AND SP 2.0 FOR DEDUCTIVE ALTERNATE LOCATIONS.

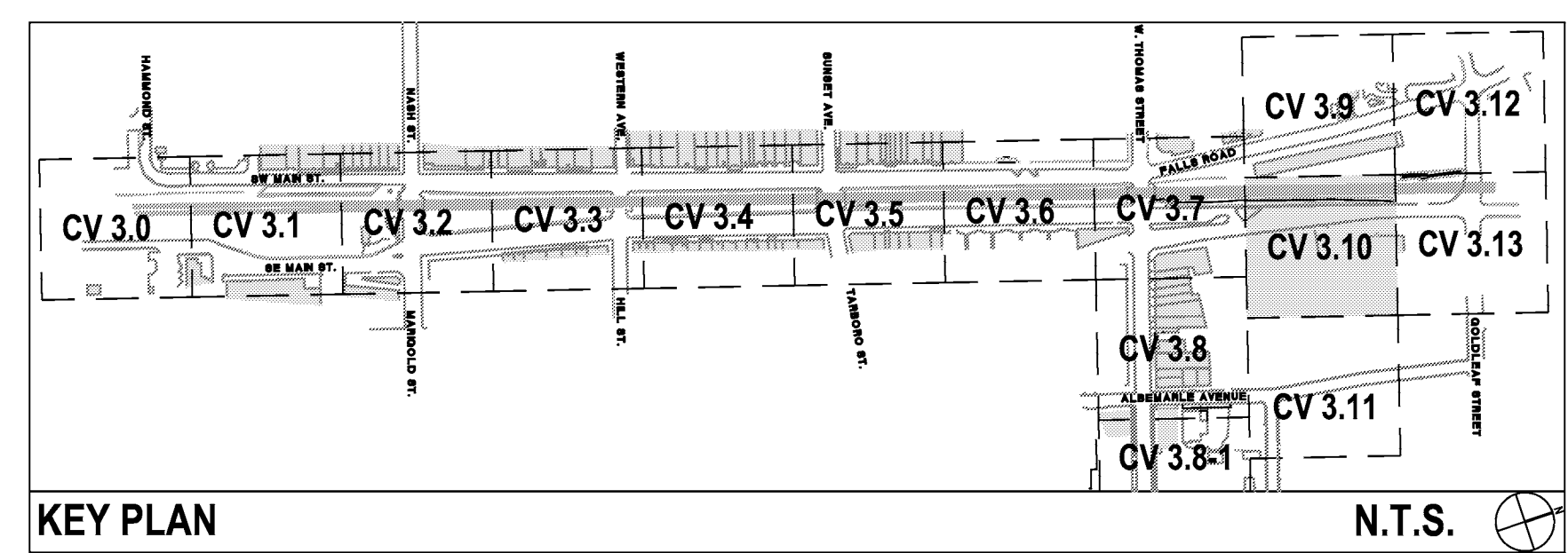
TERMINAL CHECK AS PER NE R.R. CO. VALUATION, CENTERLINE NOTIONED

PAVEMENT MARKINGS SHOWN FOR REFERENCE ONLY. SEE TRAFFIC PLANS FOR REQUIREMENTS.

PROPOSED DOUGLAS BLOCK REDEVELOPMENT N.I.C.

PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:

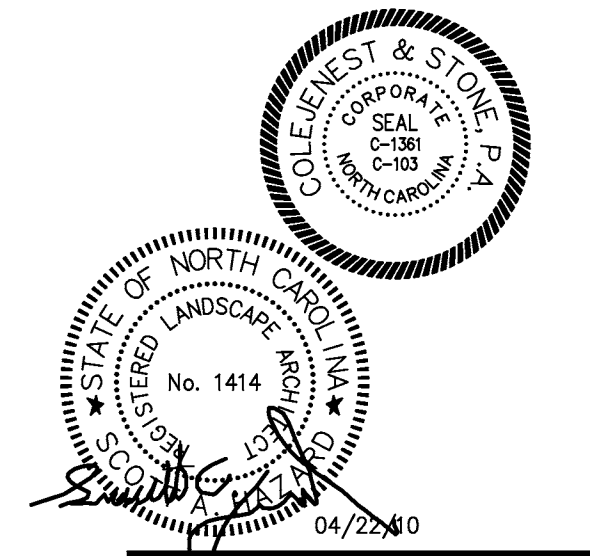
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ISSUED:

04.22.10

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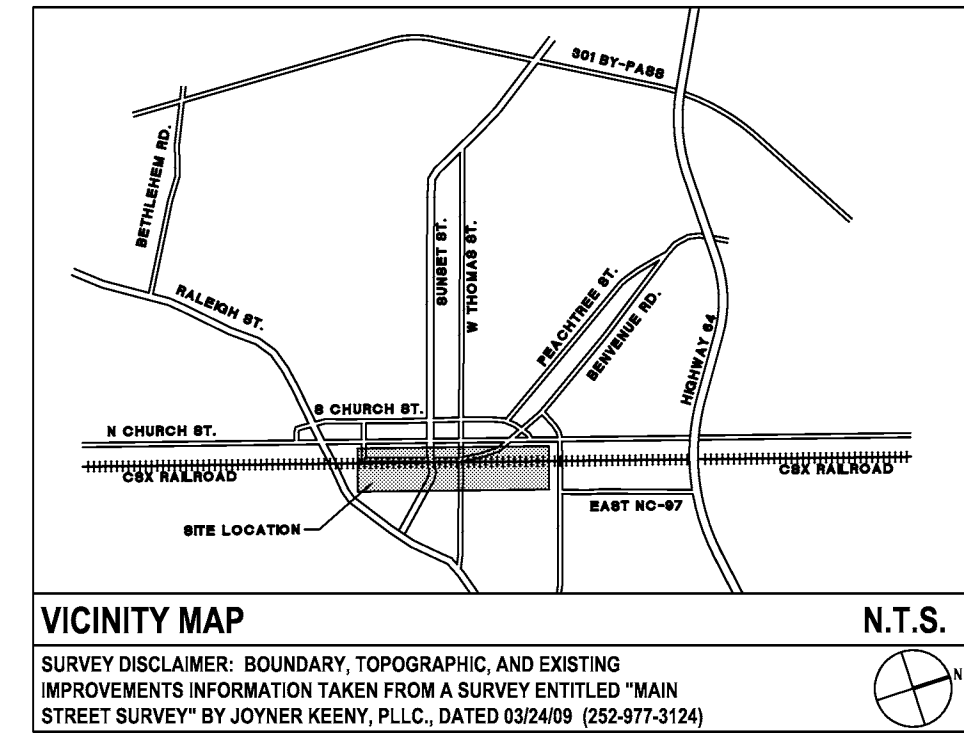
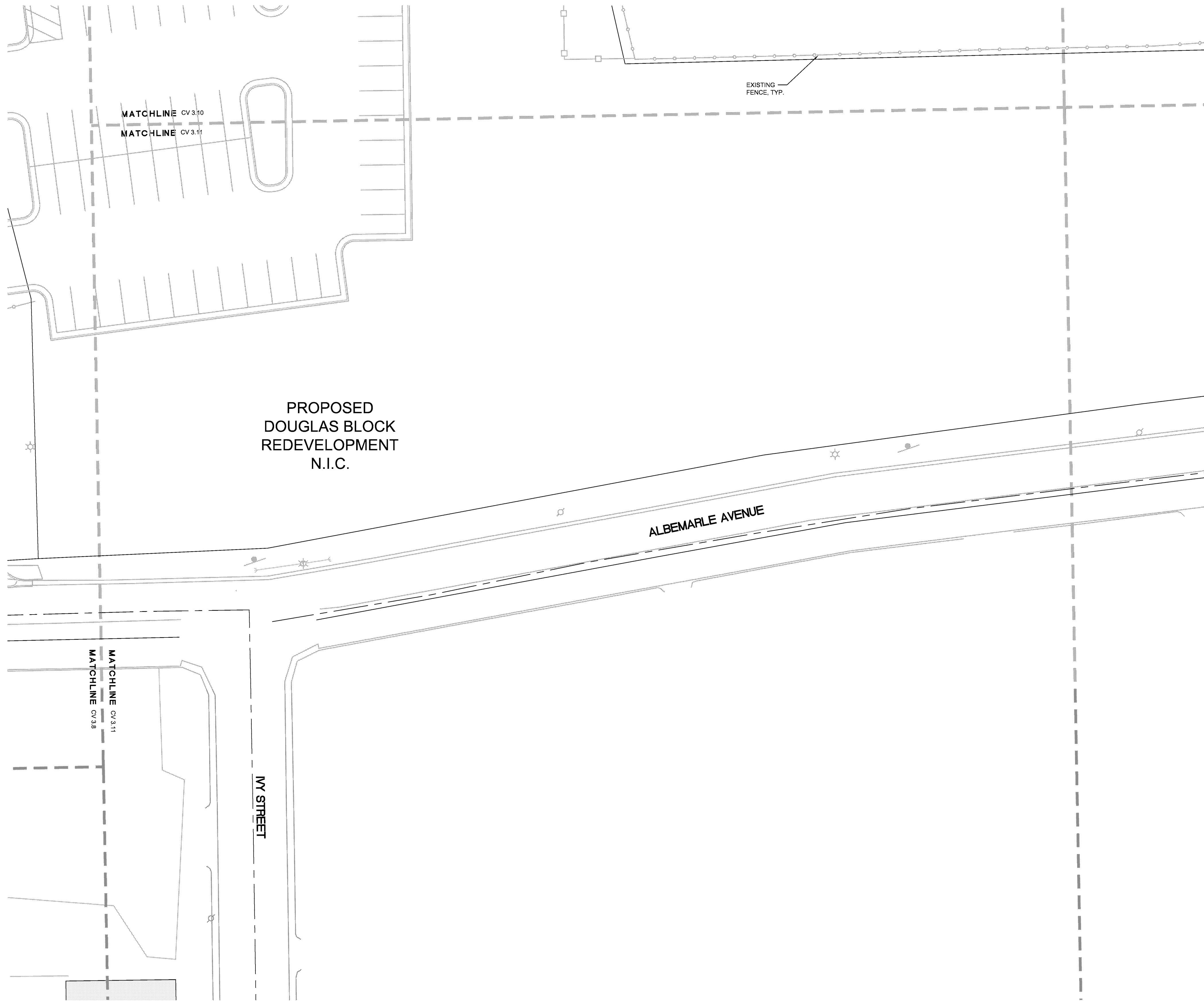


SCALE: 1"=20'

CV 3.10

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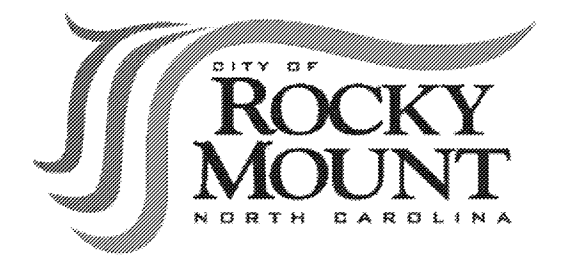
LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dashes]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8,9/CV 4.15
[Symbol: Solid line with dashes]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11,12/CV 4.15
[Symbol: Triangular pattern]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with star]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with cross]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:

50219

ISSUED:

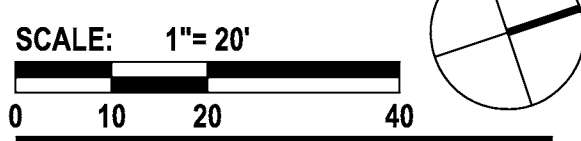
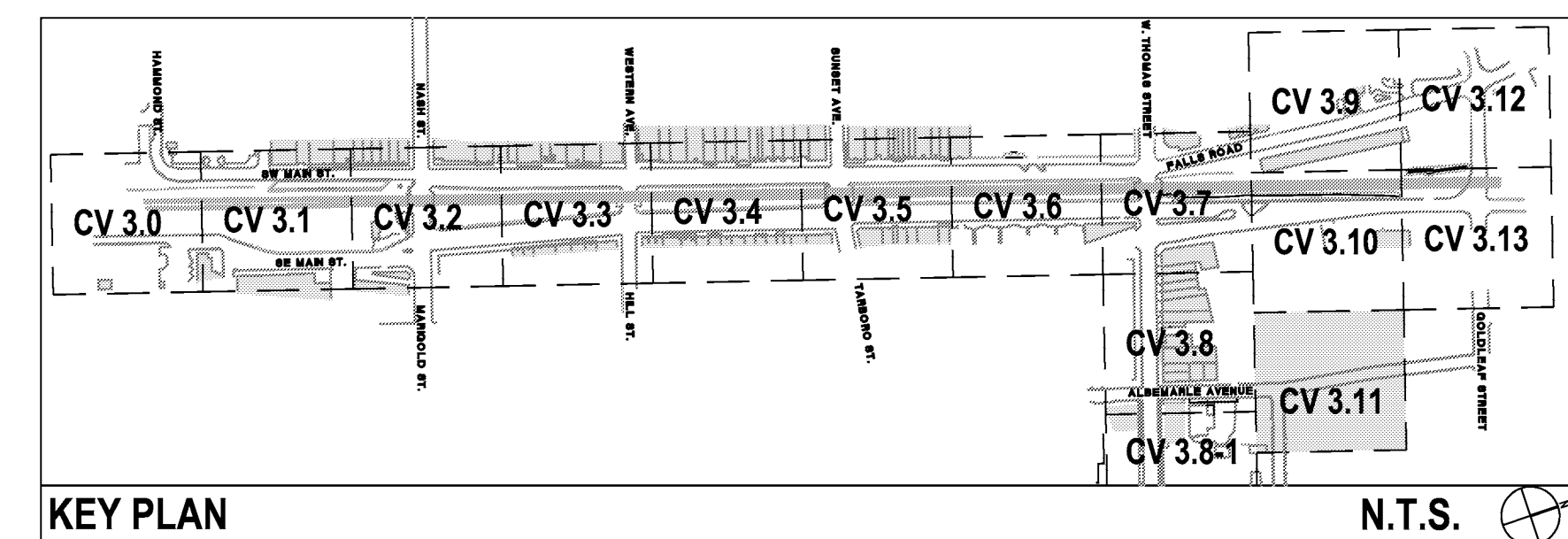
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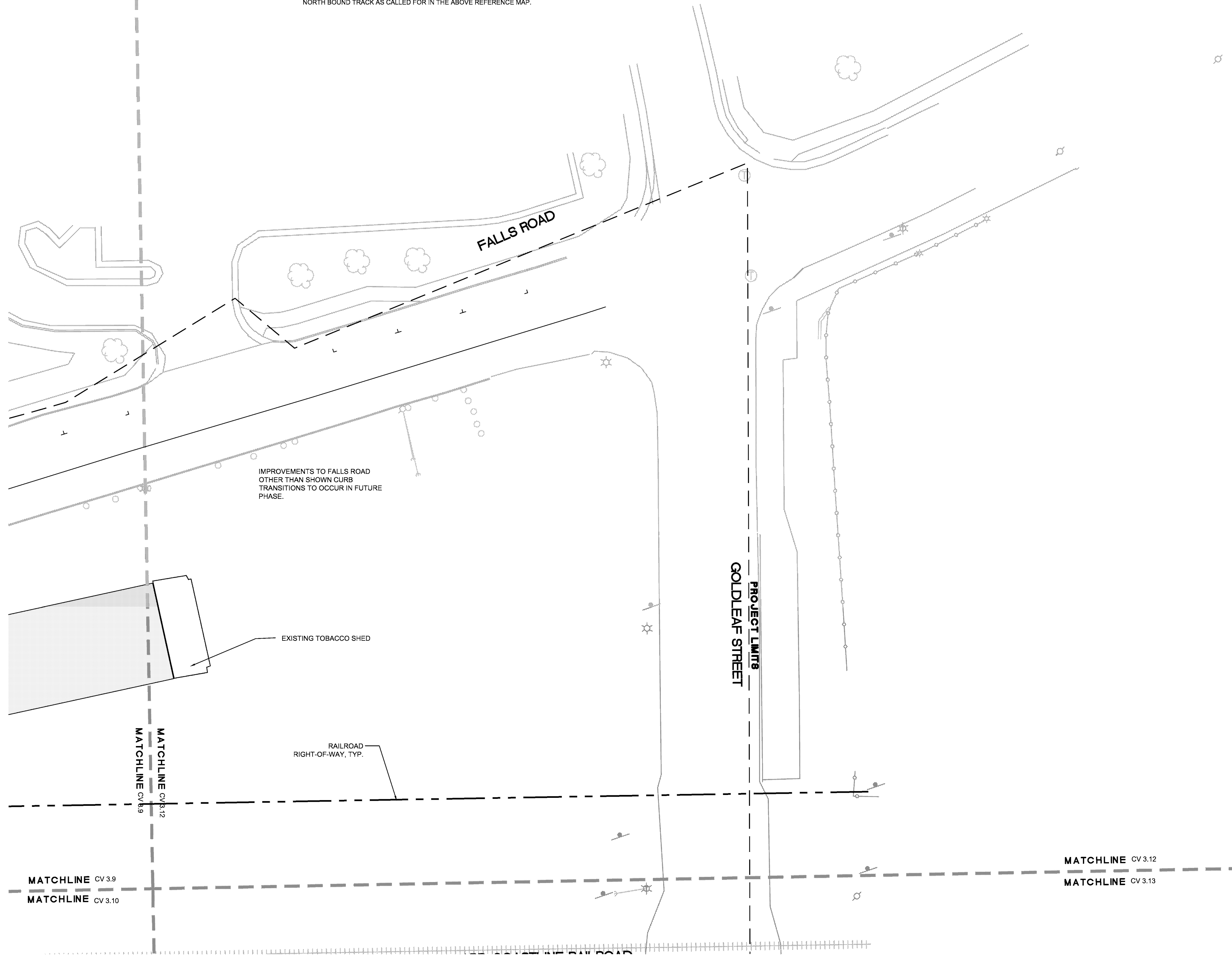
CV 3.11

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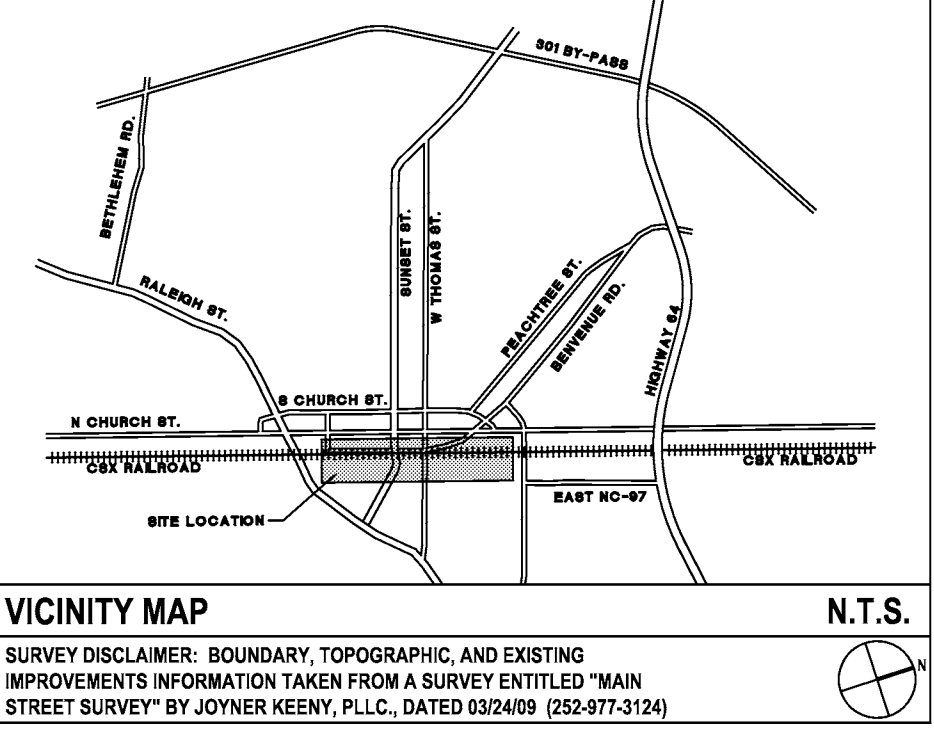


IMPROVEMENTS TO FALLS ROAD OTHER THAN SHOWN CURB TRANSITIONS TO OCCUR IN FUTURE PHASE.

EXISTING TOBACCO SHED

RAILROAD RIGHT-OF-WAY, TYP.

PROJECT LIMITS
 GOLDLEAF STREET



LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with dots]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8,9/CV 4.15
[Symbol: Solid line with dots]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11,12/CV 4.15
[Symbol: Parallel lines]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2'-6" CURB & CUTTER 1/CV 4.14
[Symbol: Square with dot]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Horizontal line]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle with dot]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with cross]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN

PROJECT NUMBER:

50219

ISSUED:

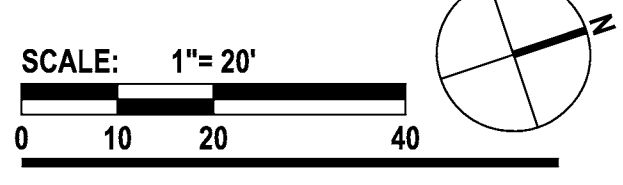
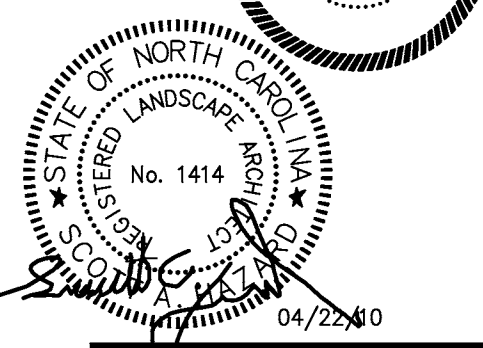
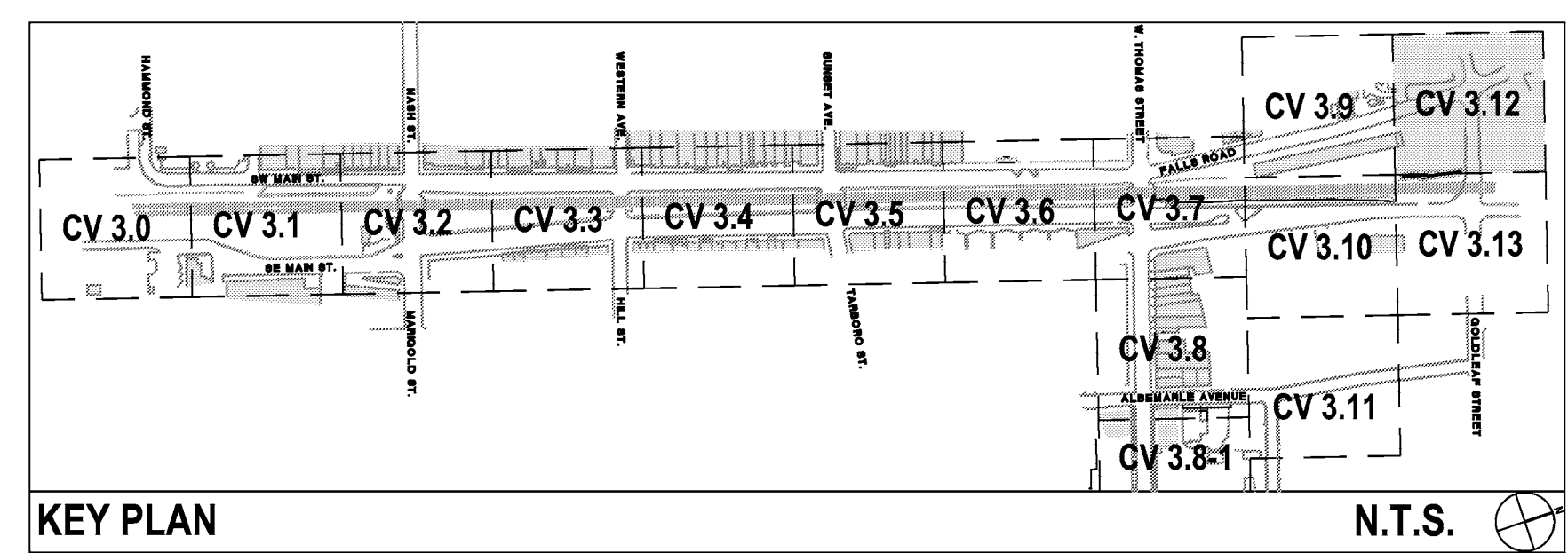
04.22.10

REVISED: # COMMENTS:

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PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

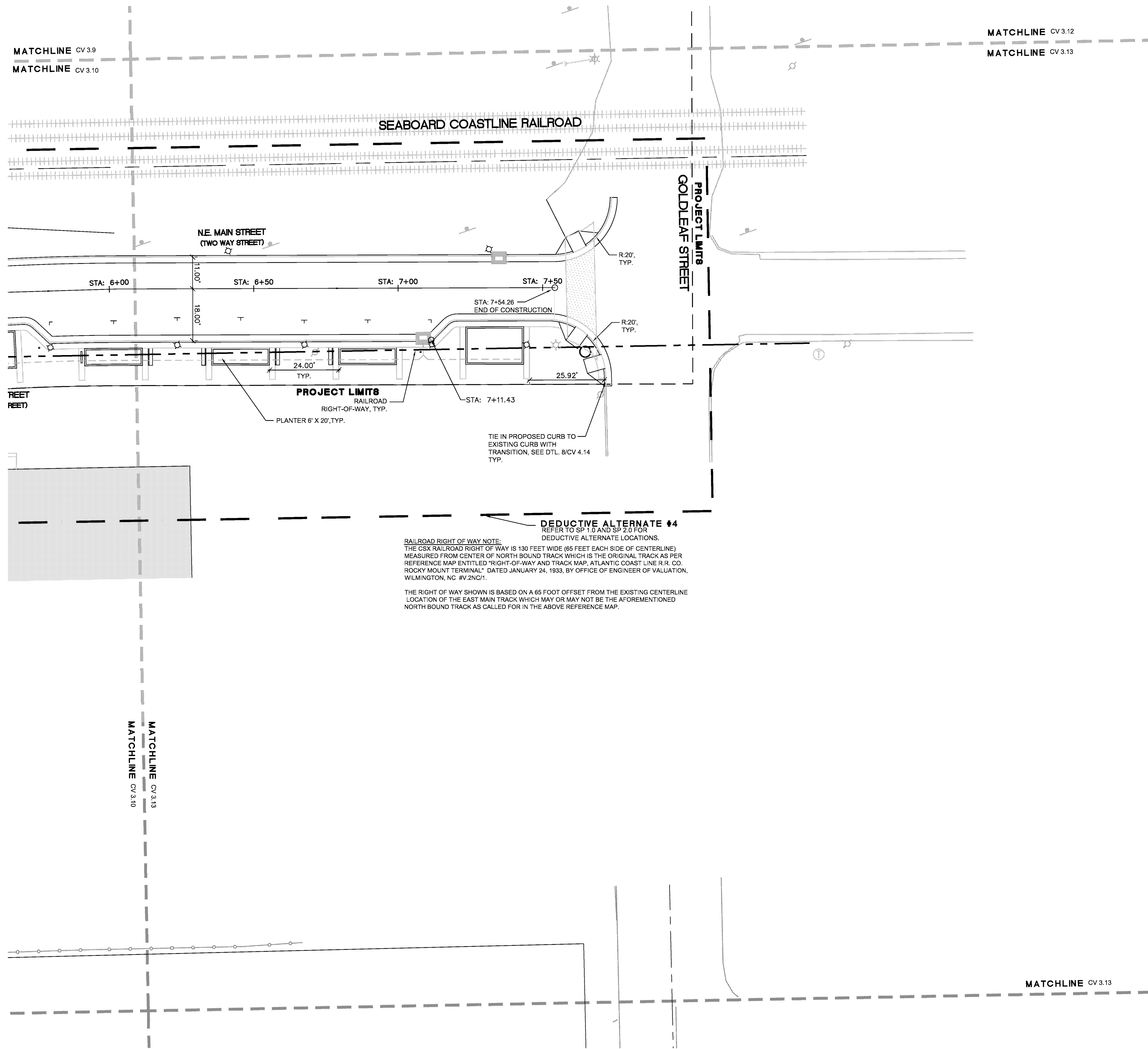
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS BASED UPON ABOVE GRADE SURVEY. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE RESPONSIBLE TO CONTRACT WITH A PRIVATE UTILITY LOCATOR TO IDENTIFY HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE EXPECTED.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



CV 3.12

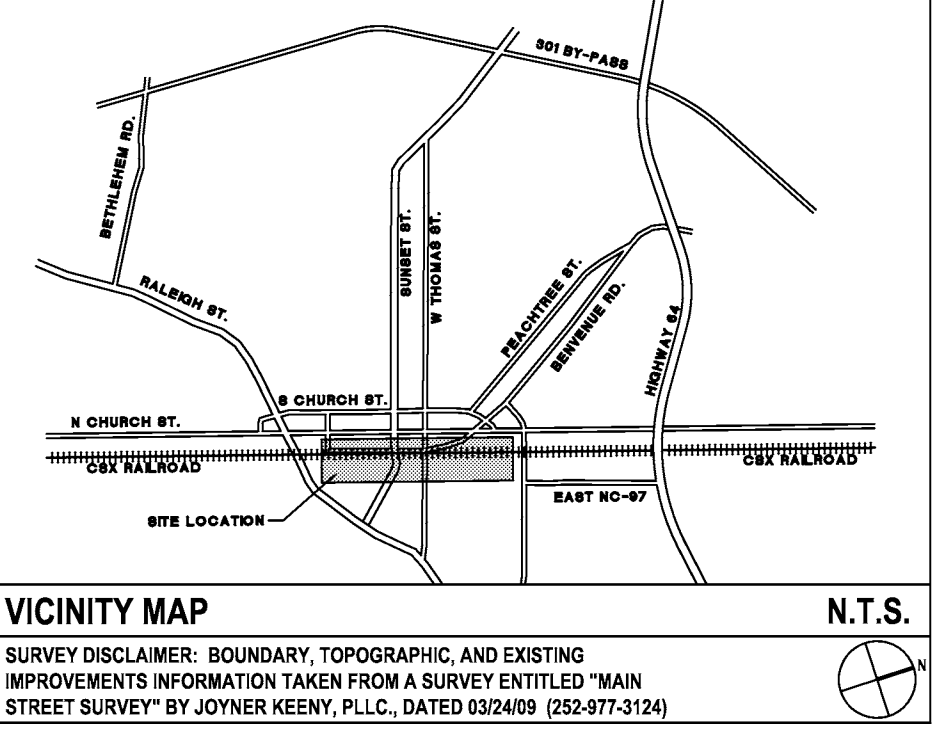
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RAILROAD RIGHT-OF-WAY NOTE:
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THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (STAKING)

SYMBOL	DETAIL
[Symbol: Dashed line with parallel lines]	PROPOSED SIDEWALK WITH PAVERS, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 4/CV 4.14, 8.9/CV 4.15
[Symbol: Solid line with parallel lines]	PROPOSED CONCRETE SIDEWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 2/CV 4.14
[Symbol: Dotted pattern]	PROPOSED CROSSWALK, SEE MATERIALS AND HARDSCAPE PLANS (SHEETS CV4.0-4.15) 5/CV 4.14, 11.12/CV 4.15
[Symbol: Triangular pattern]	PROPOSED HANDICAP RAMP 7,10,13/CV 4.15
[Symbol: Curved line]	PROPOSED 2"-6" CURB & GUTTER 1/CV 4.14
[Symbol: Square with cross]	PROPOSED LIGHTING -/CV 13.14, 13.15
[Symbol: Rectangle]	PROPOSED BENCH 10/CV 4.14
[Symbol: Circle]	PROPOSED PLANTER POT 11/CV 4.14
[Symbol: Circle with dot]	PROPOSED TRASH RECEPTACLE 12/CV 4.14
[Symbol: Vertical line]	PROPOSED BICYCLE RACK 13/CV 4.14
[Symbol: Circle with dot]	PROPOSED TREE, SEE PLANTING PLANS (SHEETS CV11.0-11.14) 2/CV 11.14

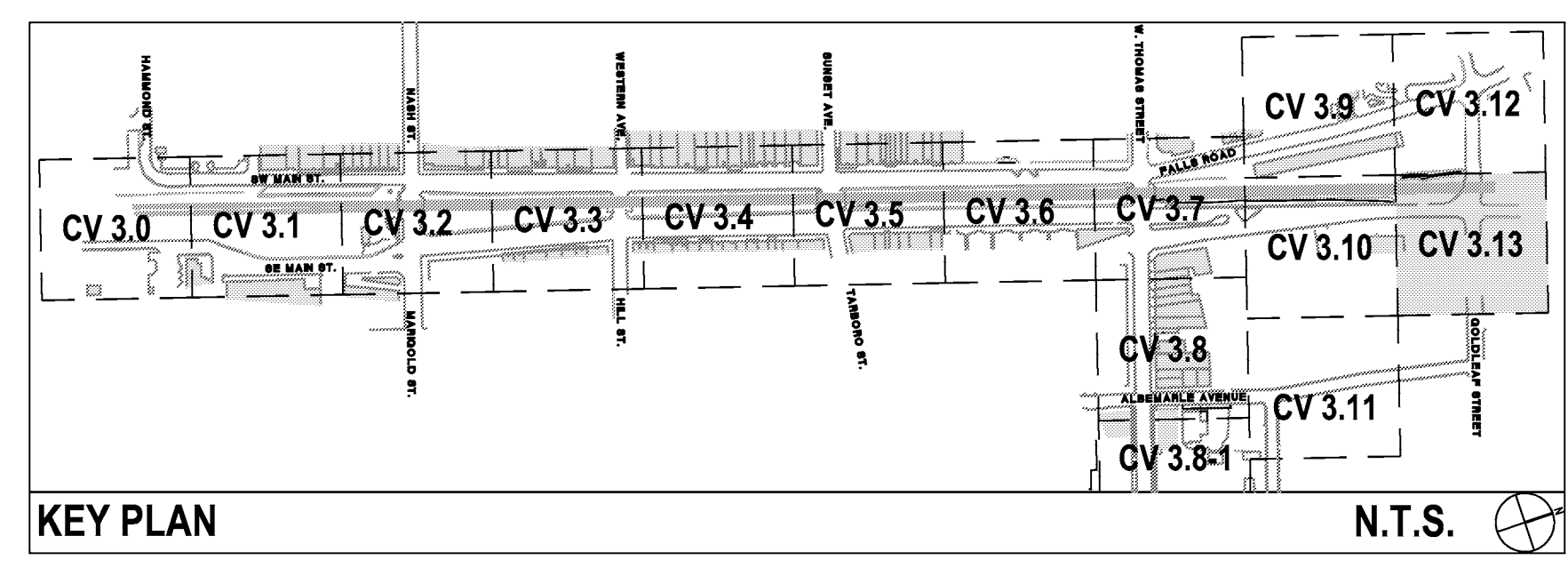
SEE ELECTRICAL PLANS FOR LIGHTING LOCATIONS AND DETAILS.

SEE TRAFFIC PLANS FOR PAVEMENT MARKINGS AND DETAILS.

SEE MATERIALS/HARDSCAPE PLANS FOR HARDSCAPE TYPES AND DETAILS.

PLEASE SEE SHEET CV 3.14 FOR STAKING NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

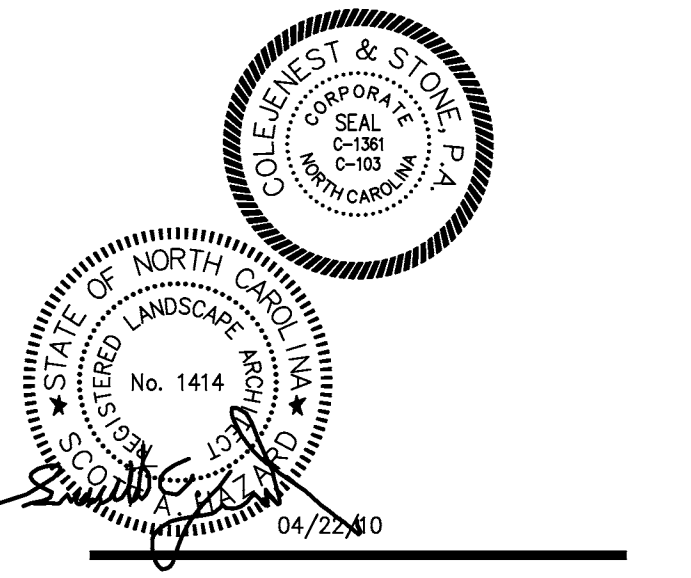
STAKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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SCALE: 1"=20'

CV 3.13

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STAKING PLAN NOTES

1. ALL DIMENSIONS ARE AT 90 DEGREES UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL ESTABLISH AND VERIFY POINT OF BEGINNING (P.O.B.) AND STAKE SITE AS INDICATED ON CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY COLEJENEST & STONE, P.A. IMMEDIATELY OF ANY DISCREPANCIES.
3. ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, OR CENTERLINE UNLESS OTHERWISE NOTED.
4. ALL DETAILS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS.
5. ALL RADII SHALL BE 4'-6" (B.O.C.) UNLESS OTHERWISE NOTED.
6. GRANITE CURBING THAT IS NOT RETAINED FOR USE IN CONJUNCTION WITH THE STREETScape IMPROVEMENTS SHOULD BE STOCKPILED AND RETURNED TO THE CITY OF ROCKY MOUNT.



STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

STAKING PLAN NOTES

PROJECT NUMBER:

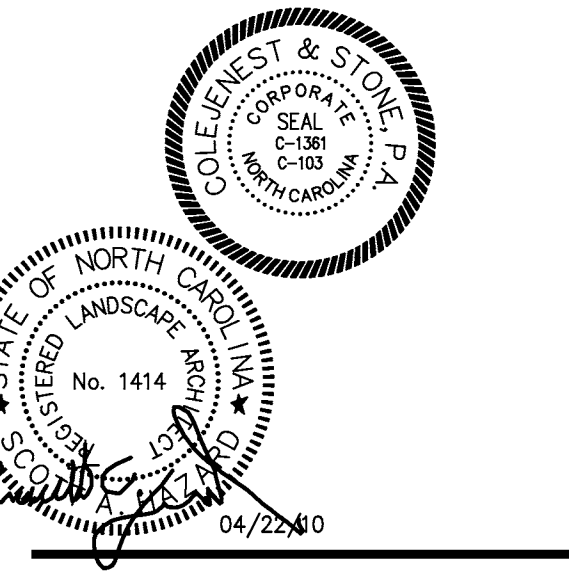
50219

ISSUED:

04.22.10

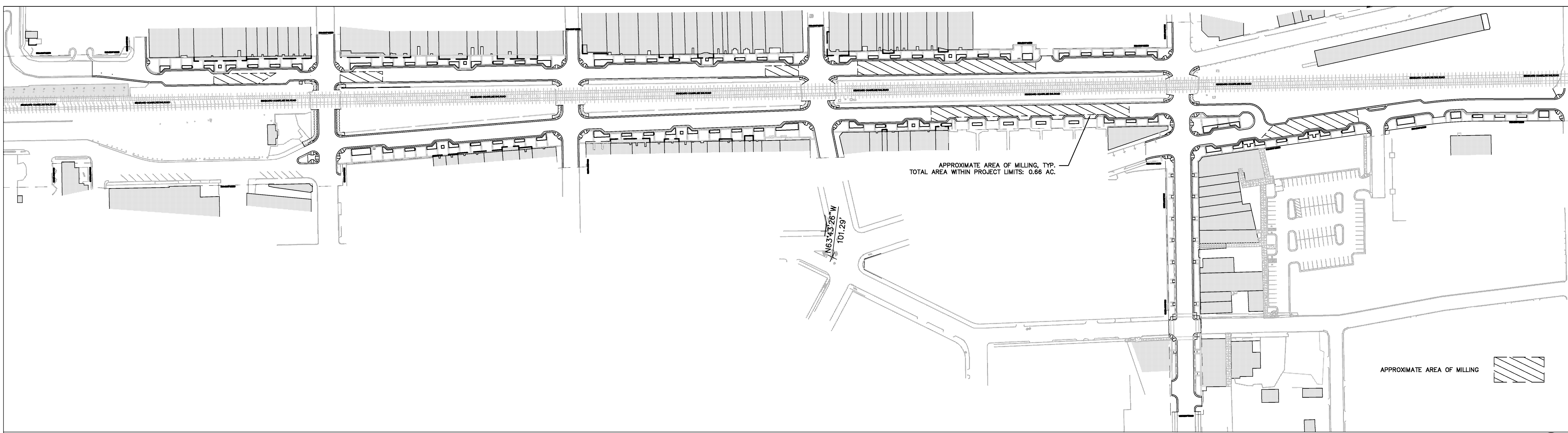
REVISED: # COMMENTS:

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CV 3.14

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APPROXIMATE AREA OF MILLING, TYP.
TOTAL AREA WITHIN PROJECT LIMITS: 0.66 AC.

APPROXIMATE AREA OF MILLING

PAVEMENT ADD ALTERNATE 14: MILLING AREAS

1" = 100' 1

DEDUCTIVE ALTERNATE SCHEDULE SEE SPECIFICATION SECTION 012300 AND PLANS.

DED. ALT. #	
1-4	ELIMINATE PORTION OF PROJECT AREA
5	STREET LIGHT FIXTURES
6	STREET LIGHT GLOBES

ADD ALTERNATE SCHEDULE SEE SPECIFICATION SECTION 012300 AND PLANS.

ADD ALT. #	
1	PLANTER POTS
2	BRICK PAVING
3	VEHICULAR BRICK PAVERS AT CROSSWALK
3B	PEDESTRIAN BRICK PAVERS AT CORNERS
4	EXISTING BRICK WALL
5	DECORATIVE POLE AND POST BASES
5B	STREET LIGHT DECORATIVE POLE AND POST BASES (ELECTRICAL AND STREET LIGHTING TO BE PROVIDED BY CITY OF ROCKY MOUNT -- FOR REFERENCE ONLY)
6	DECORATIVE FENCE AT RAILROAD
7	THERMOPLASTIC PAVEMENT MARKINGS
8	WAYFINDING SIGNAGE NOT INCLUDED IN PHASE 2
9	DECORATIVE PAVING AT BELK-TYLER AT SW MAIN STREET AND NASH STREET
10	BANNER BRACKET AT STREET LIGHT POLES
11	PLANTER BASKET BRACKET AT STREET LIGHT POLES
12	FLAG POLE HOLDER AT STREET LIGHT POLES
13	FULL-DEPTH RECLAMATION WITH CEMENT
14	MILL EXISTING ASPHALT AND INSTALL 2" SURFACE COURSE OF ASPHALT
15	MANHOLE LIDS
16	WATER METER COVERS
17	SIGNAL HEADS

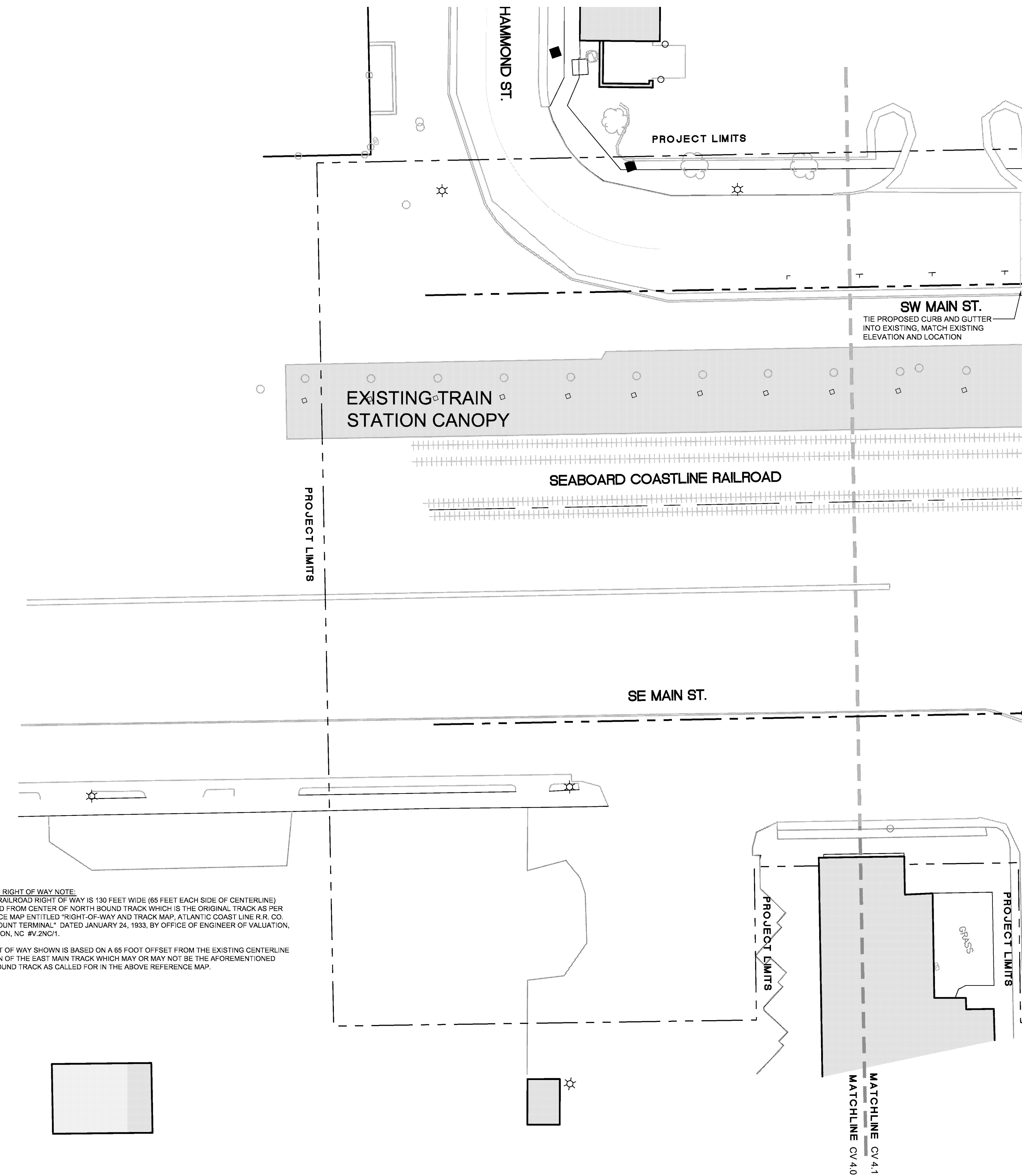
LINE AND CURVE TABLES

PARCEL LINE DATA		
LINE #	LENGTH	DIRECTION
L1	183.50	N82°26'06"W
L2	35.79	N82°26'06"W
L3	60.74	N71°49'27"W
L4	182.51	N71°49'27"W
L5	32.46	N16°56'24"E
L6	130.25	N17°53'01"E
L7	45.66	N17°53'01"E
L8	71.86	N17°53'01"E
L9	233.06	N17°53'01"E
L10	203.10	N17°53'03"E
L11	138.21	N17°52'59"E
L12	26.51	S79°10'57"E
L13	91.72	N71°48'37"W
L14	182.52	N71°48'37"W
L15	67.89	S71°48'37"E
L16	642.32	S71°48'37"E
L17	166.92	N10°49'03"E
L18	204.28	N10°49'03"E
L19	51.13	N10°49'03"E
L20	69.58	N10°49'03"E

PARCEL LINE DATA		
LINE #	LENGTH	DIRECTION
L21	25.81	N11°45'42"E
L22	36.53	N13°42'44"E
L23	48.22	N17°17'51"E
L24	151.78	N18°49'00"E
L25	36.06	S16°56'24"W
L26	219.19	S16°49'48"W
L27	45.66	S16°49'48"W
L28	163.71	S16°49'48"W
L29	34.70	S16°24'59"W
L30	30.28	S16°24'59"W
L31	204.67	S14°22'33"W
L32	45.66	S14°22'33"W
L33	171.54	S14°22'33"W
L34	5.45	S14°22'33"W
L35	30.06	S14°22'33"W
L36	15.80	S14°22'33"W
L37	722.98	N18°10'34"E
L38	487.98	S18°10'34"W
L39	491.22	S18°10'34"W
L40	341.09	S18°10'34"W

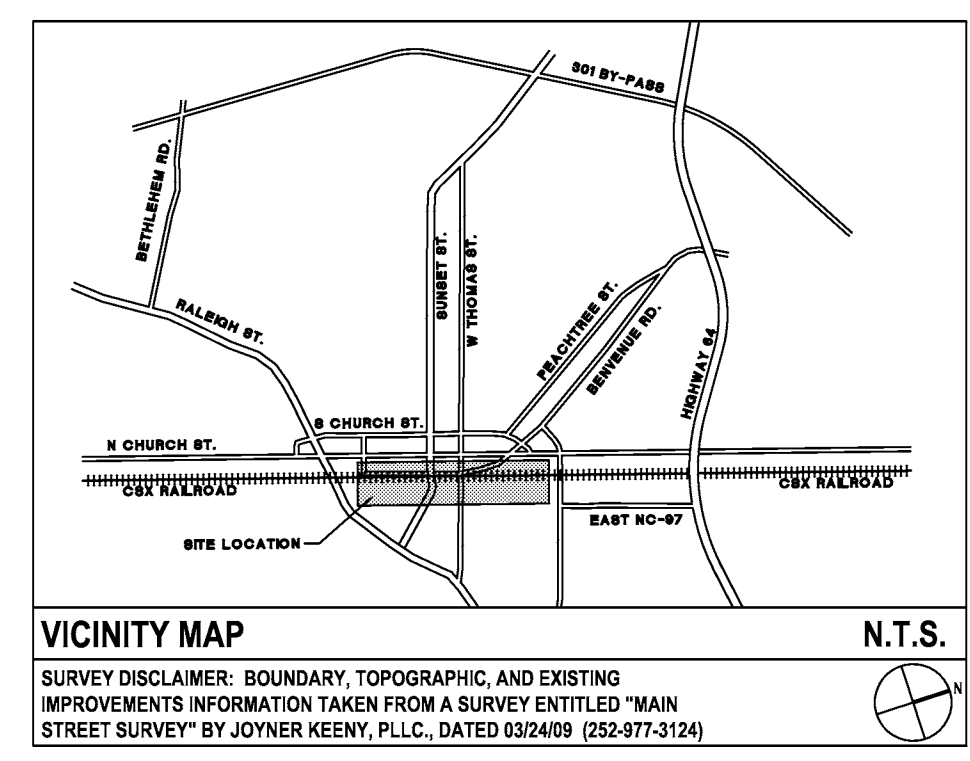
PARCEL LINE DATA		
LINE #	LENGTH	DIRECTION
L41	153.00	S25°42'02"W
L42	61.34	S18°12'13"W
L43	151.73	S72°06'59"E
L44	30.30	S70°12'48"E
L45	32.16	N70°12'48"W
L46	75.77	N69°01'18"W
L47	29.04	N69°01'18"W
L48	153.51	N71°49'27"W
L49	181.40	S71°49'12"E
L50	139.07	N71°49'12"W
L51	182.50	N71°49'12"W

PARCEL CURVE DATA		
CURVE #	LENGTH	RADIUS
C1	19.70	150.00
C2	34.74	24.00



RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.

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LEGEND

SYMBOL	DETAIL
[Pattern]	PROPOSED SIDEWALK 2/CV4.14
[Pattern]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:
 1. SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 2. SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
 3. SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
 4. COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVED BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

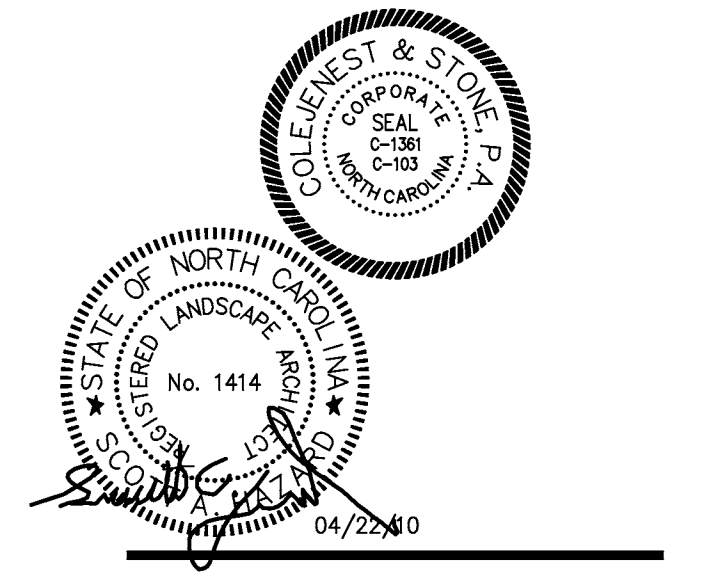
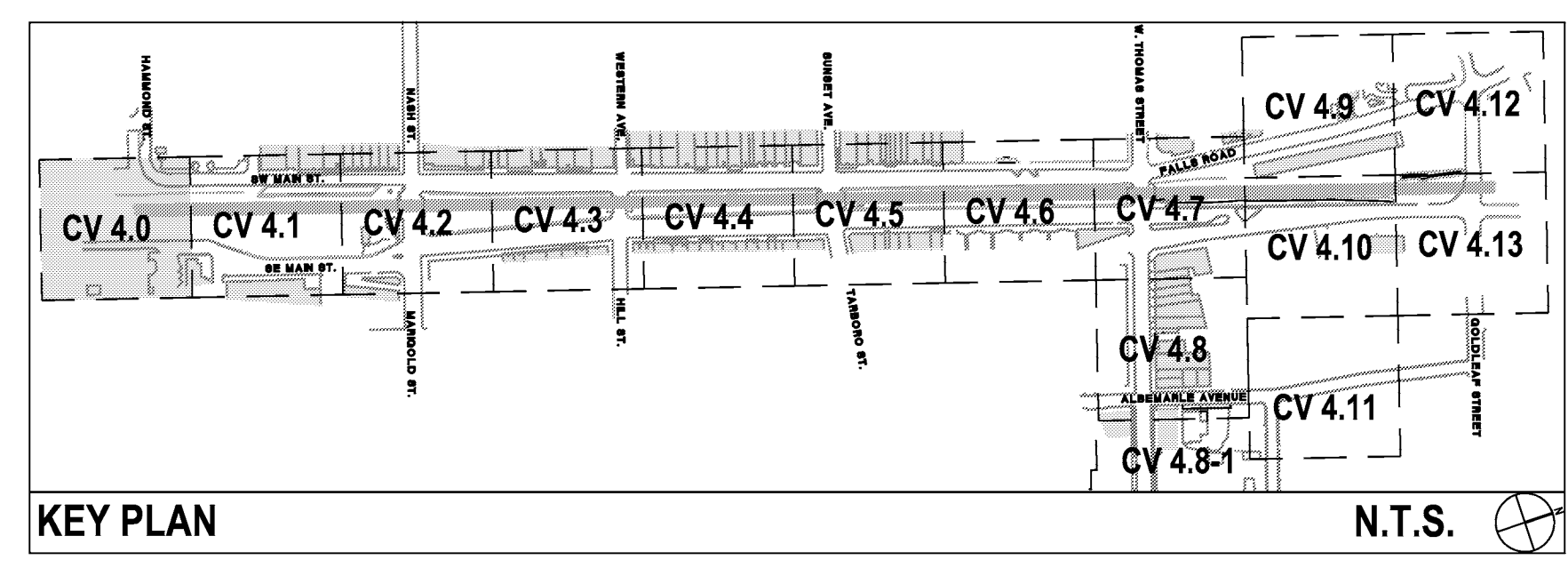
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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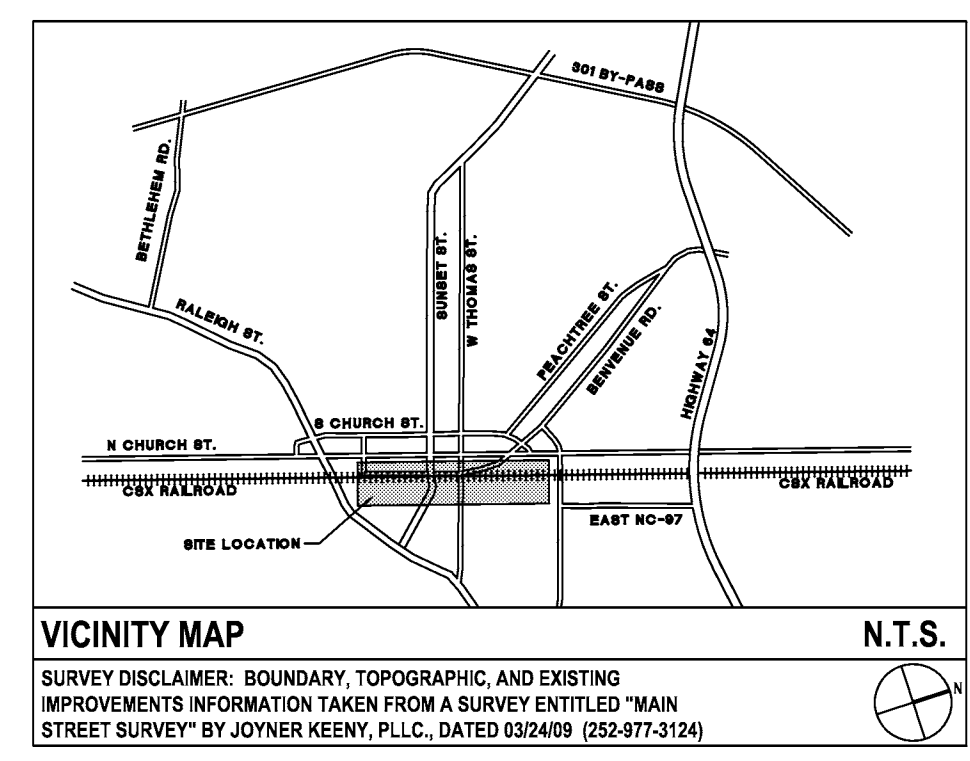
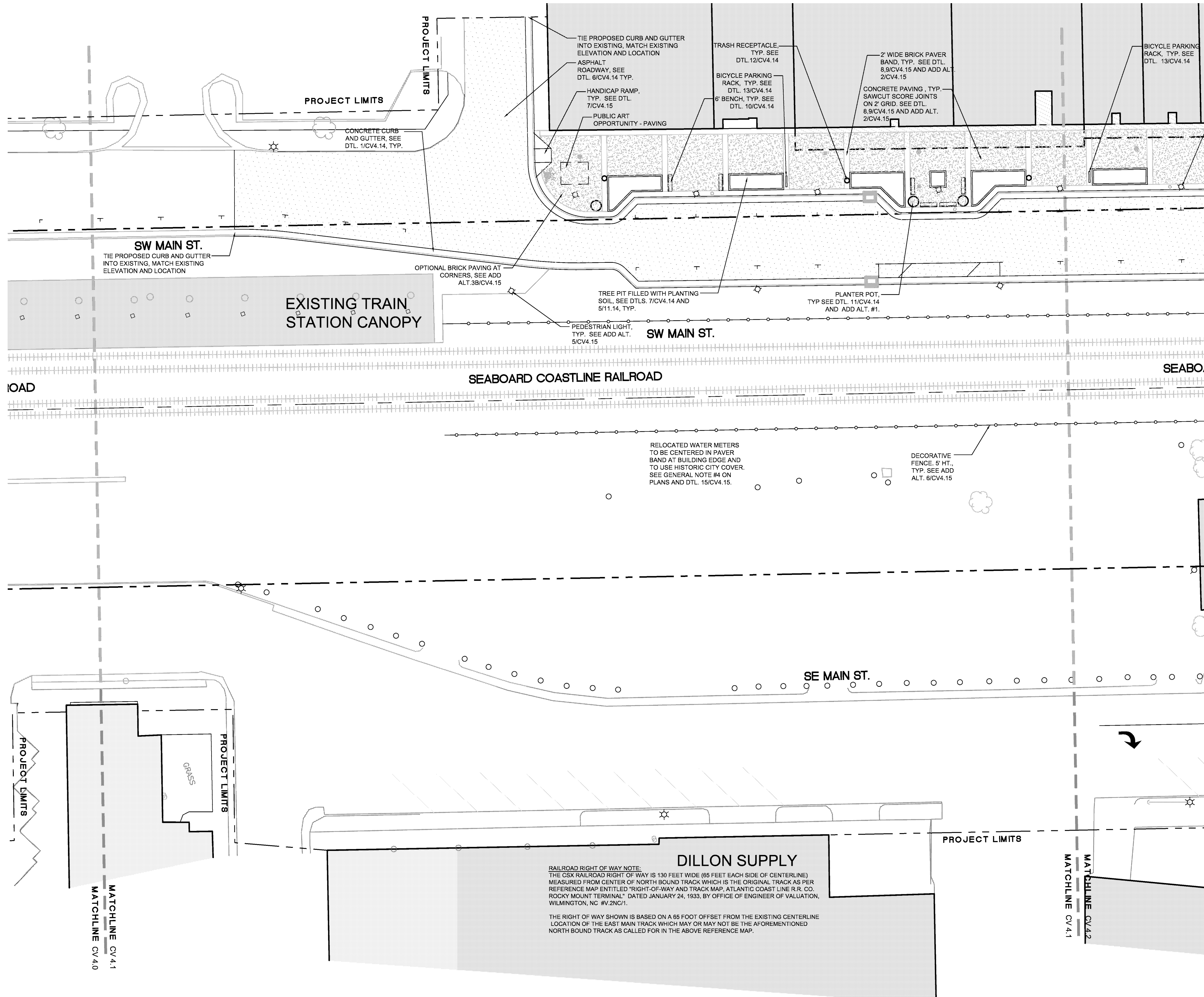


SCALE: 1"=20'

CV 4.0

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LEGEND

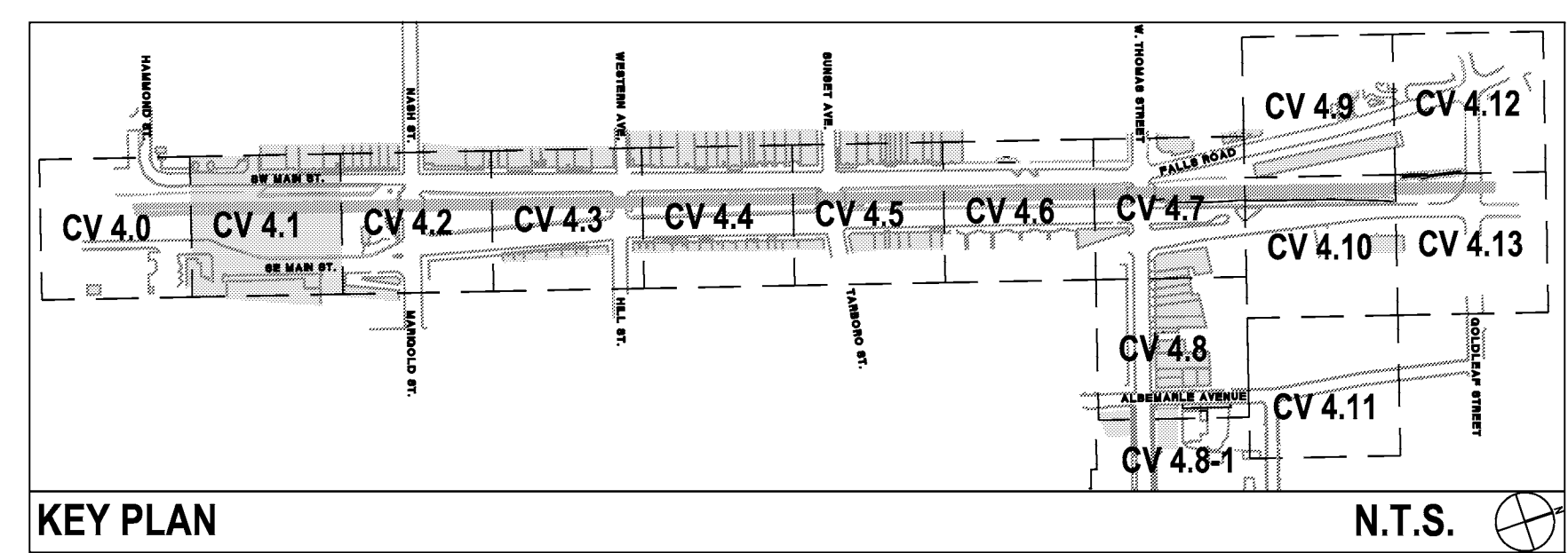
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[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:

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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

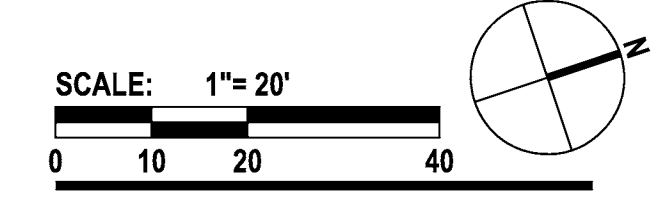
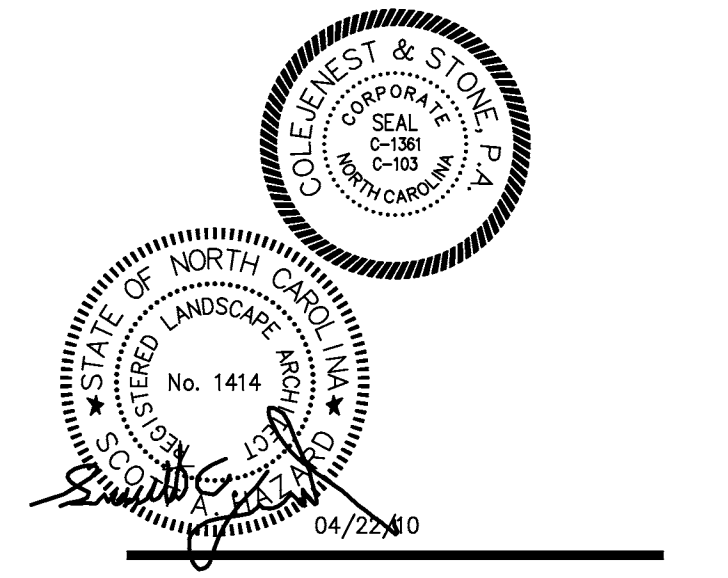
MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
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ISSUED:
04.22.10

REVISED: # COMMENTS:

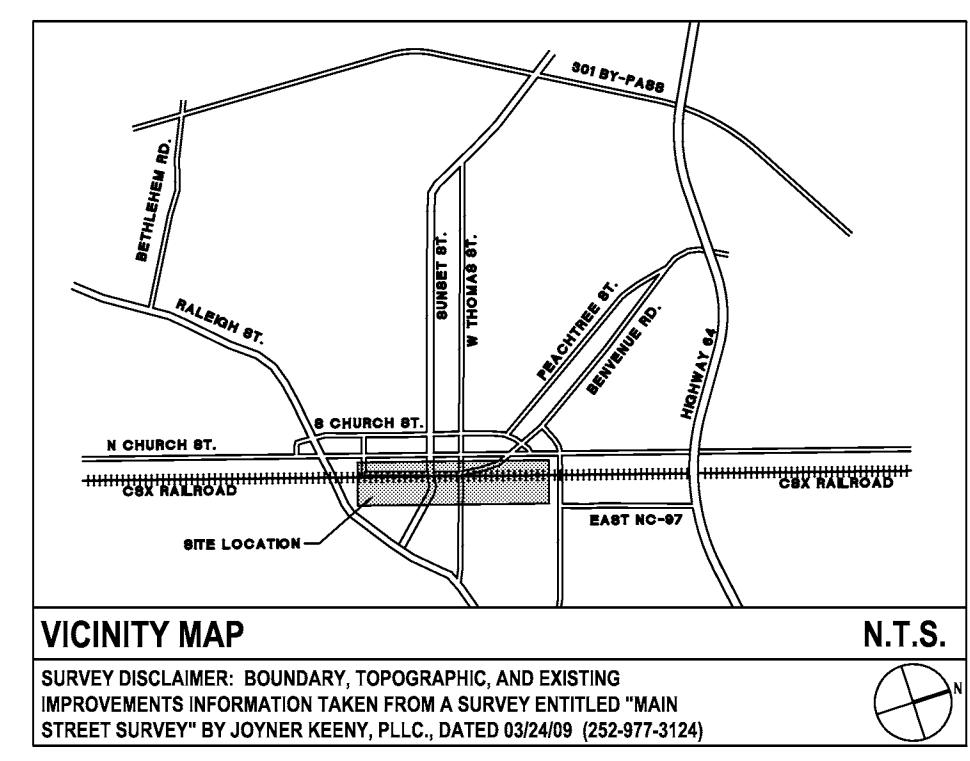
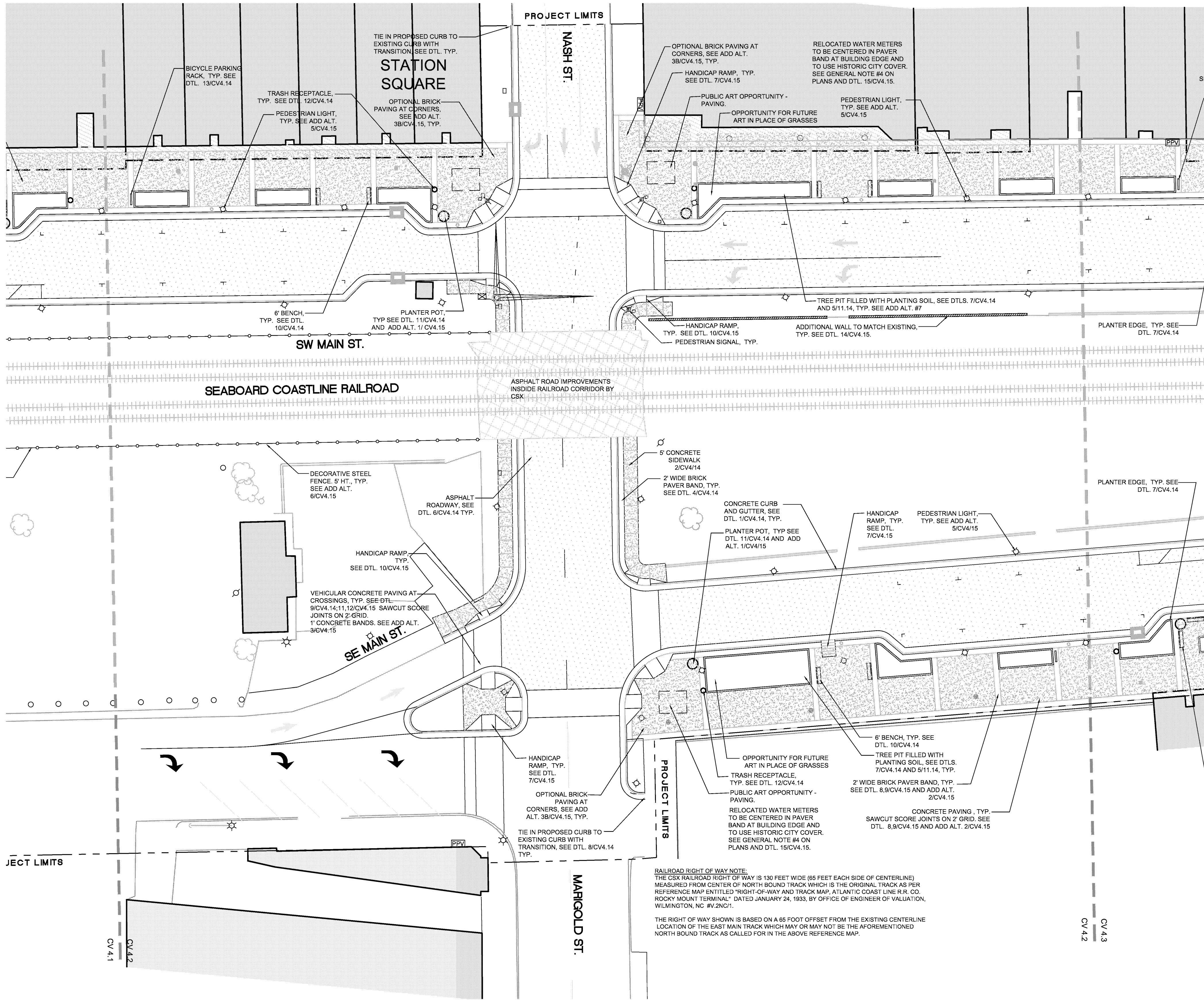
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CV 4.1

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LEGEND

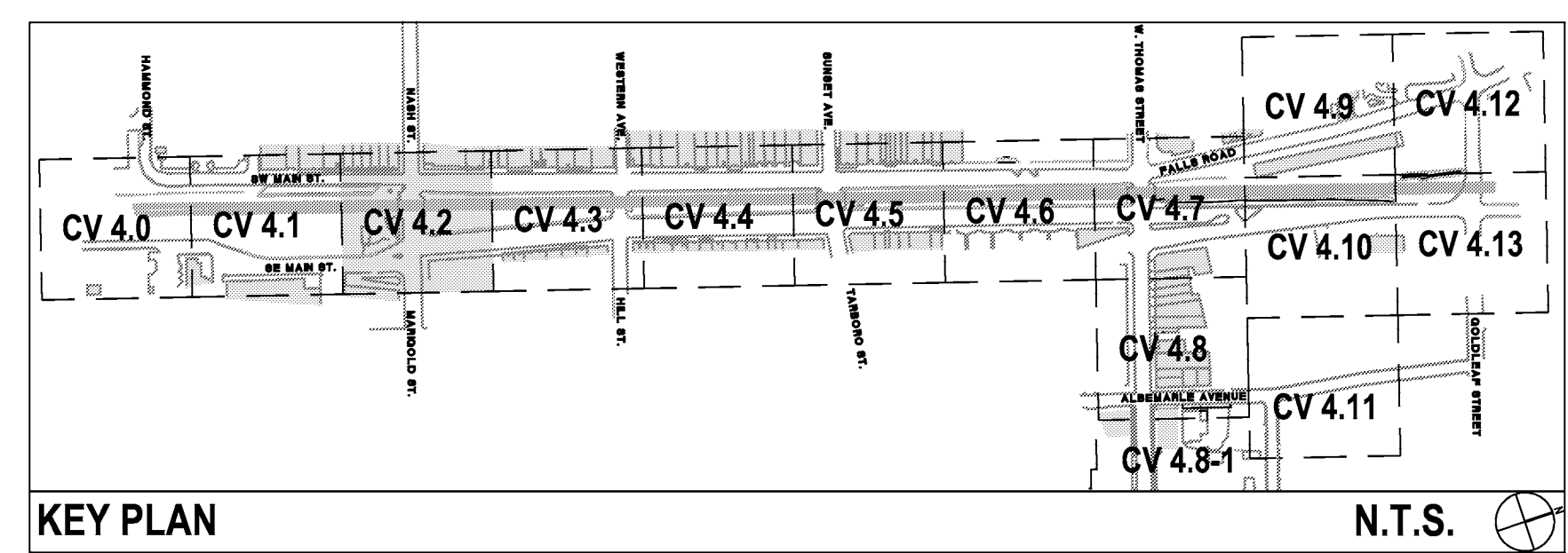
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[Symbol]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/ CV4.14
[Symbol]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/ CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/ CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:

- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
- SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES
- SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
- COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVER BAND AT BUILDING EDGE PER DETAIL 15/ CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.

PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

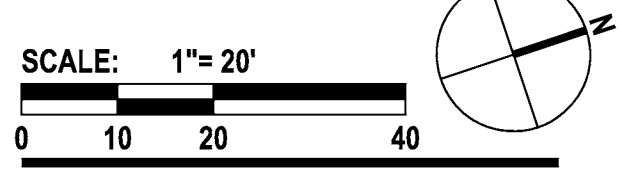
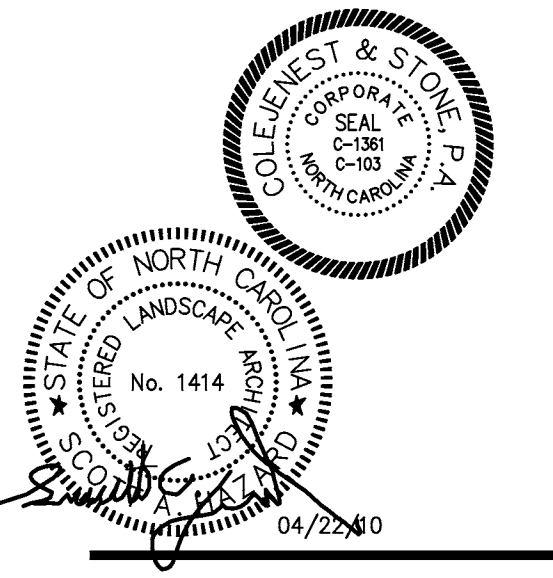
MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

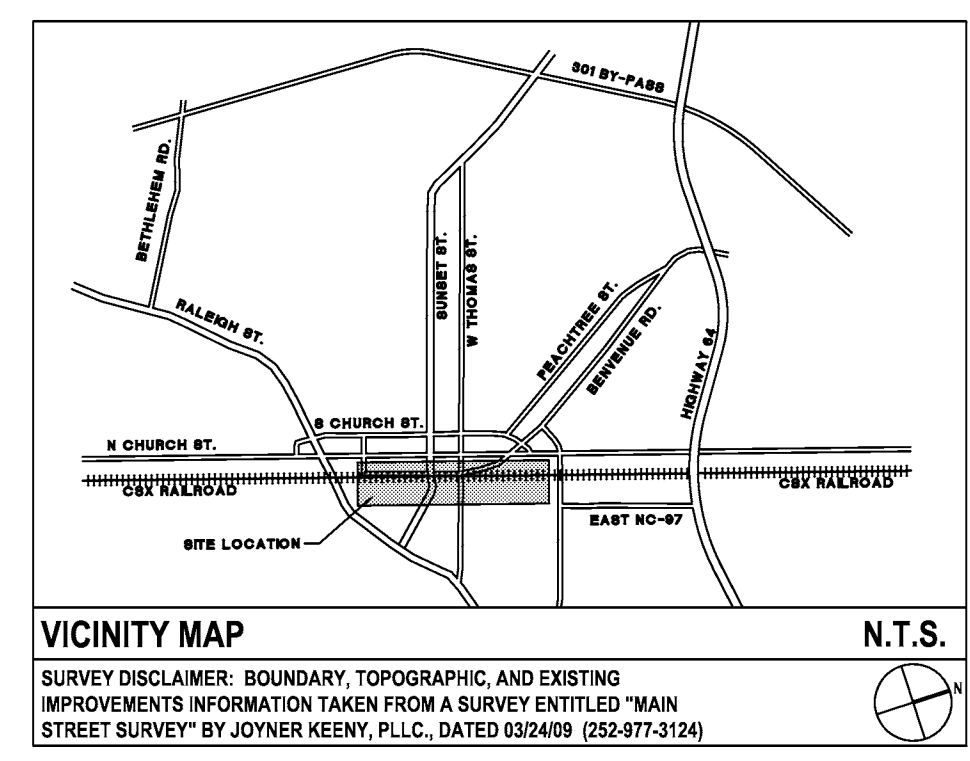
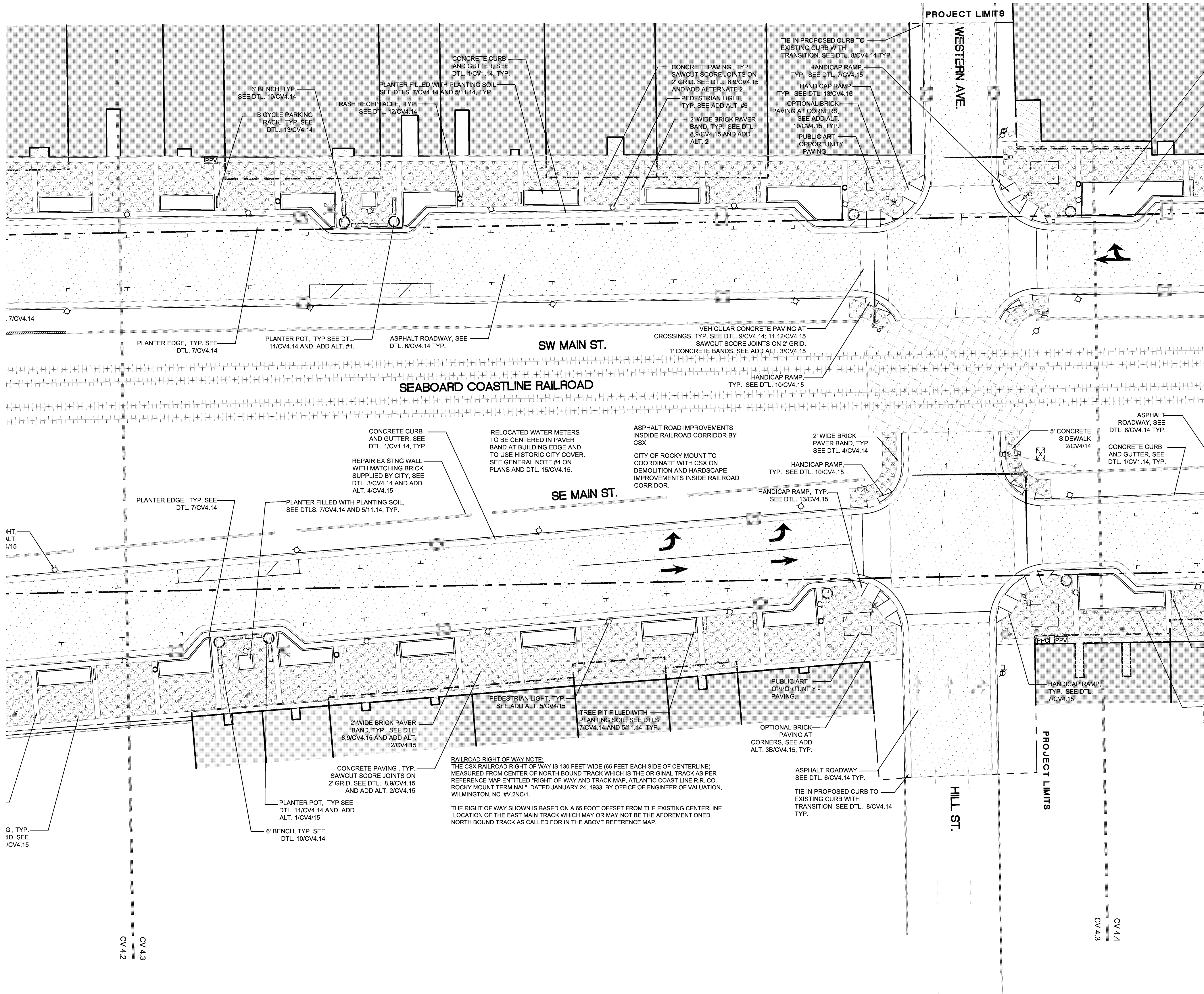
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CV 4.2

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LEGEND

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[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:
 1. SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 2. SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
 3. SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
 4. COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CV4. ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVER BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II
 ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

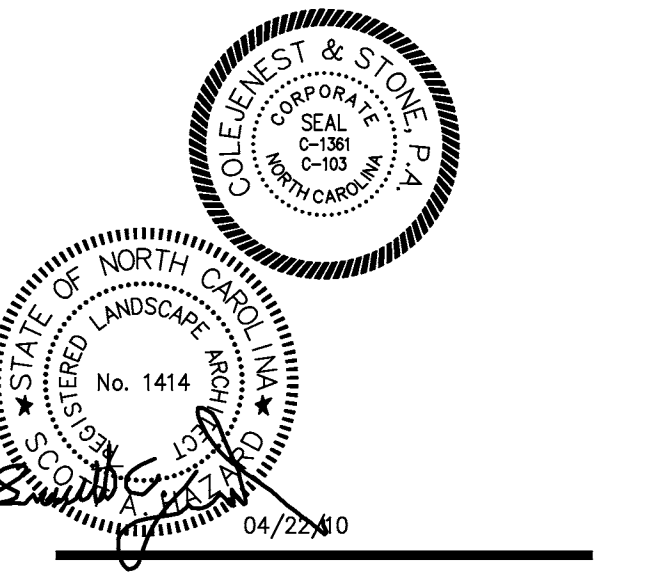
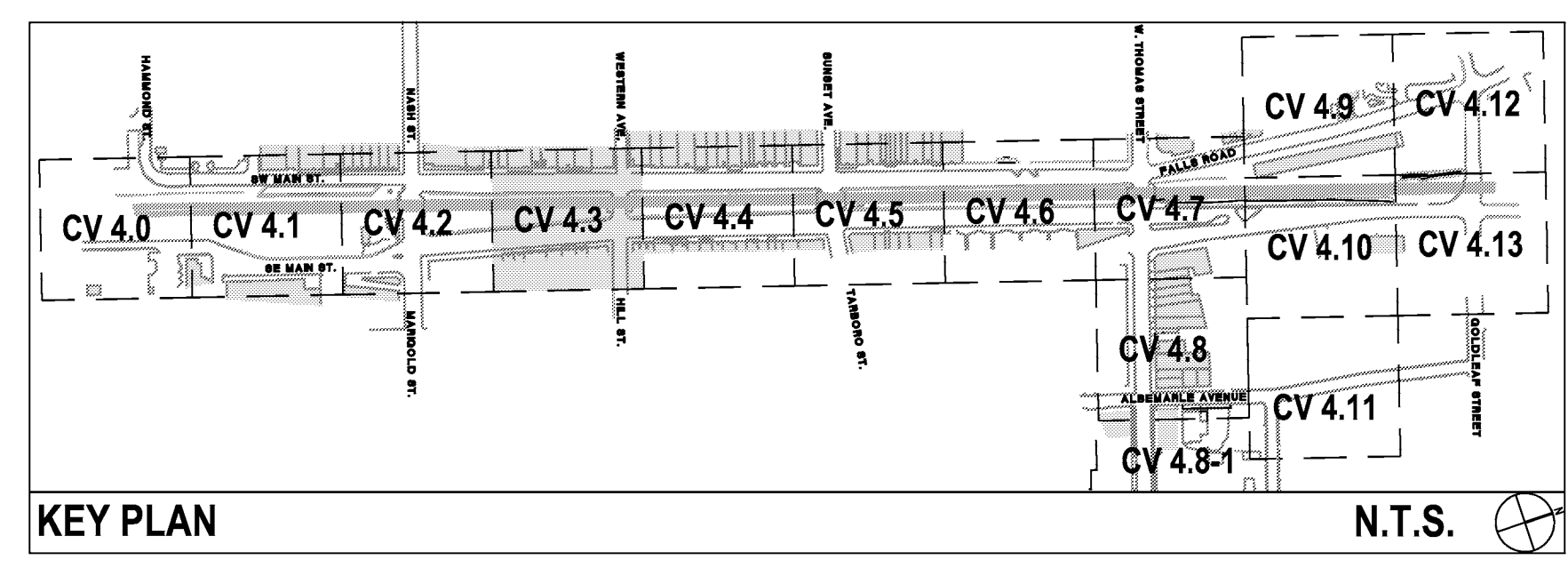
ISSUED:
04.22.10

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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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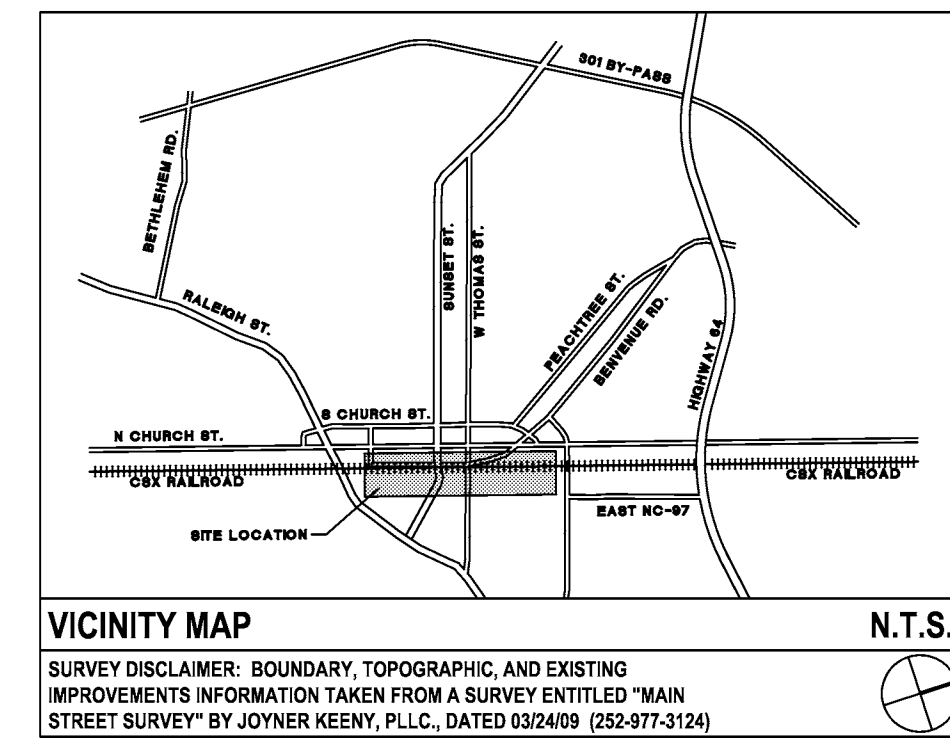
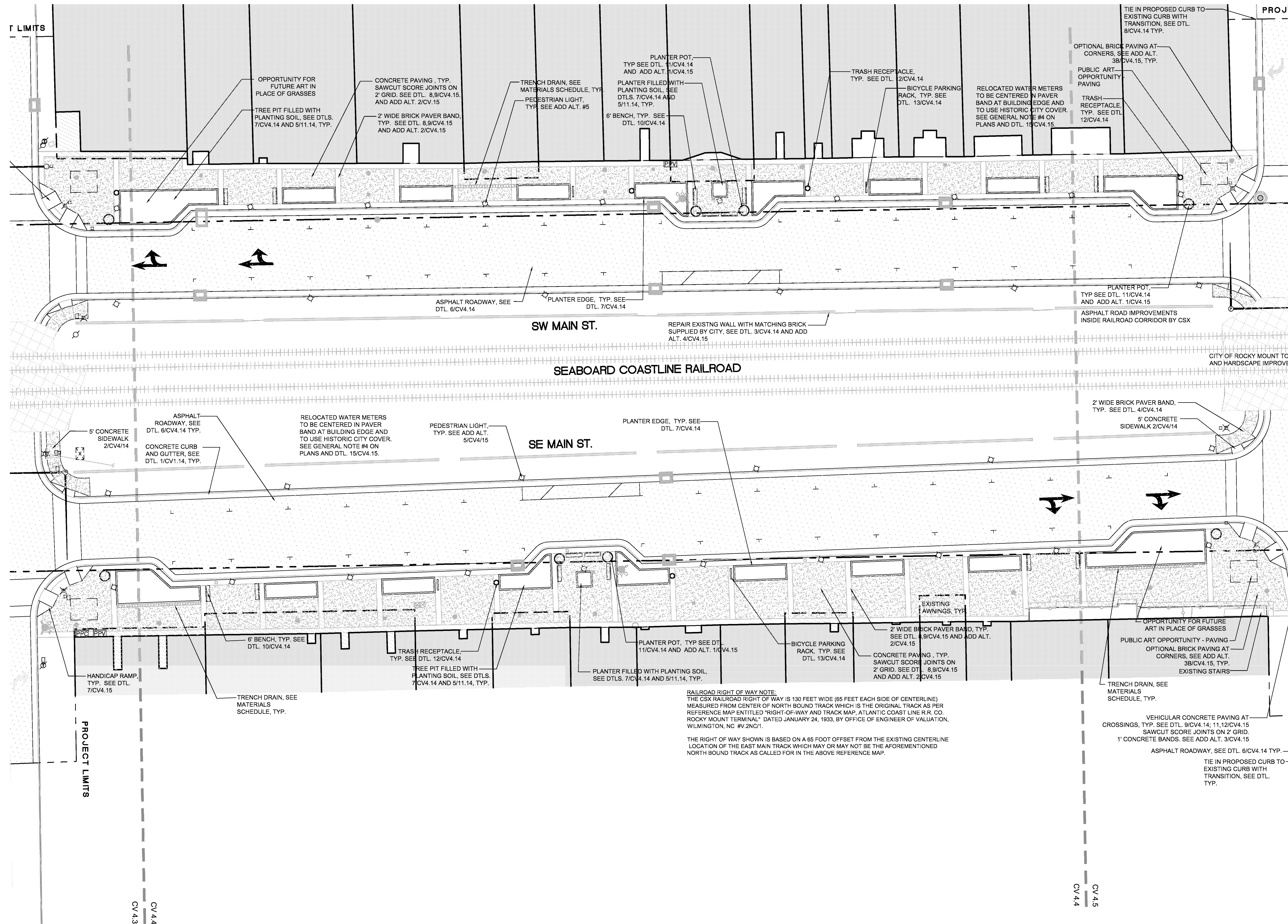


SCALE: 1"=20'

CV 4.3

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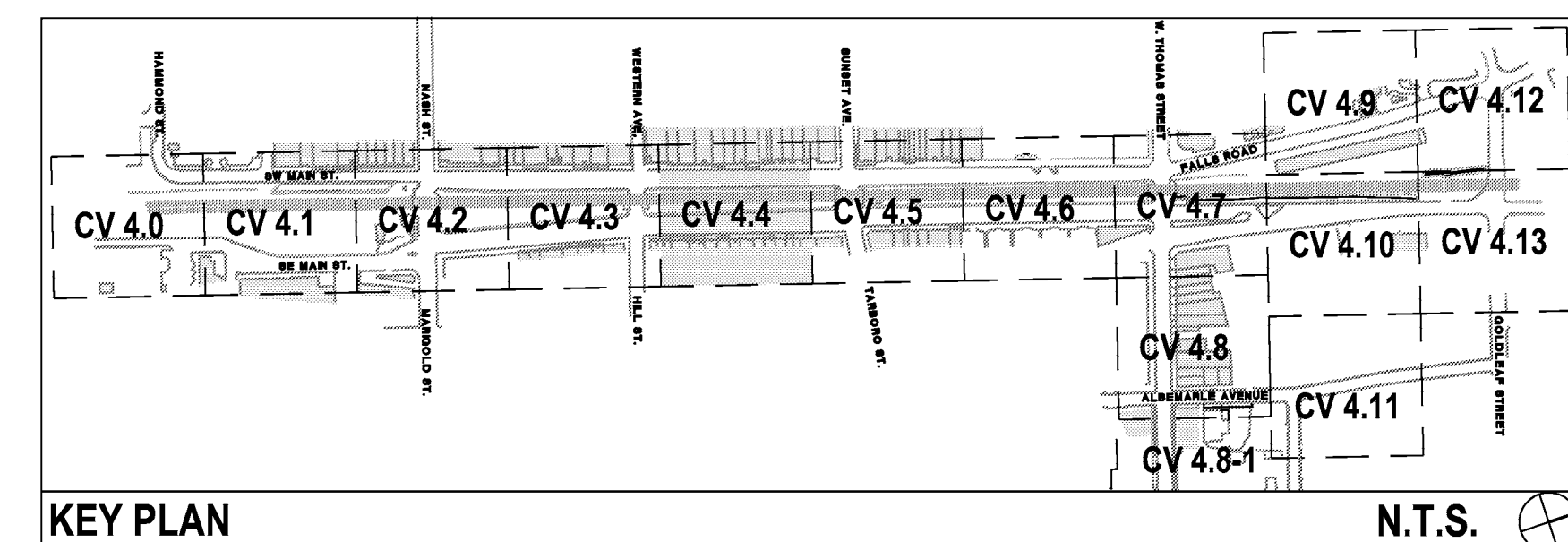
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[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Symbol]	HEAVY DUTY ASPHALT 6/CV4.14
[Symbol]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Symbol]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

- GENERAL NOTES:**
- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 - SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES
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 - COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVEMENT BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:

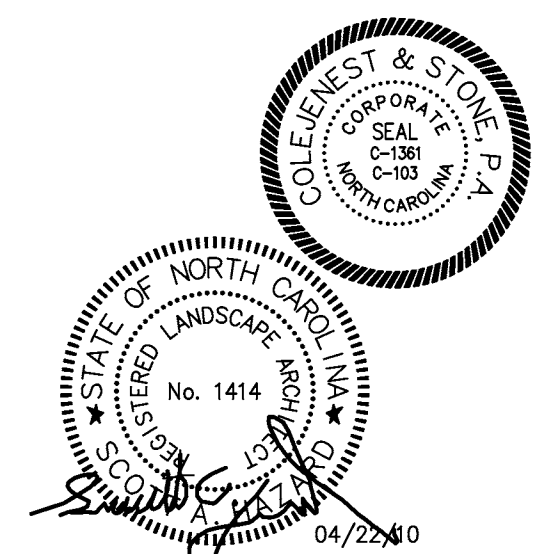
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ISSUED:

04.22.10

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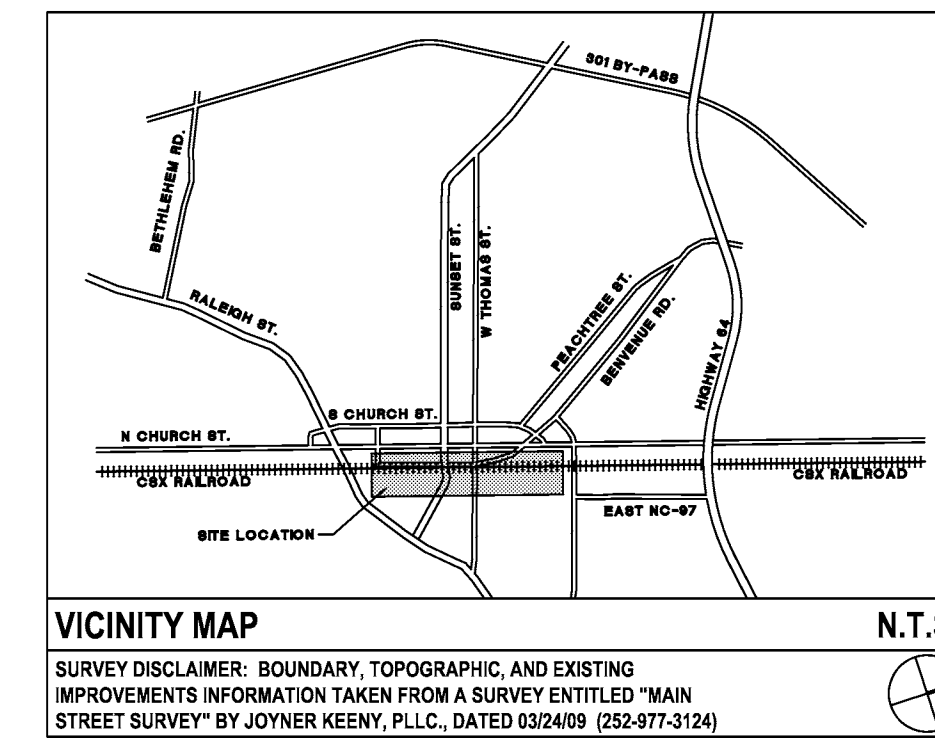
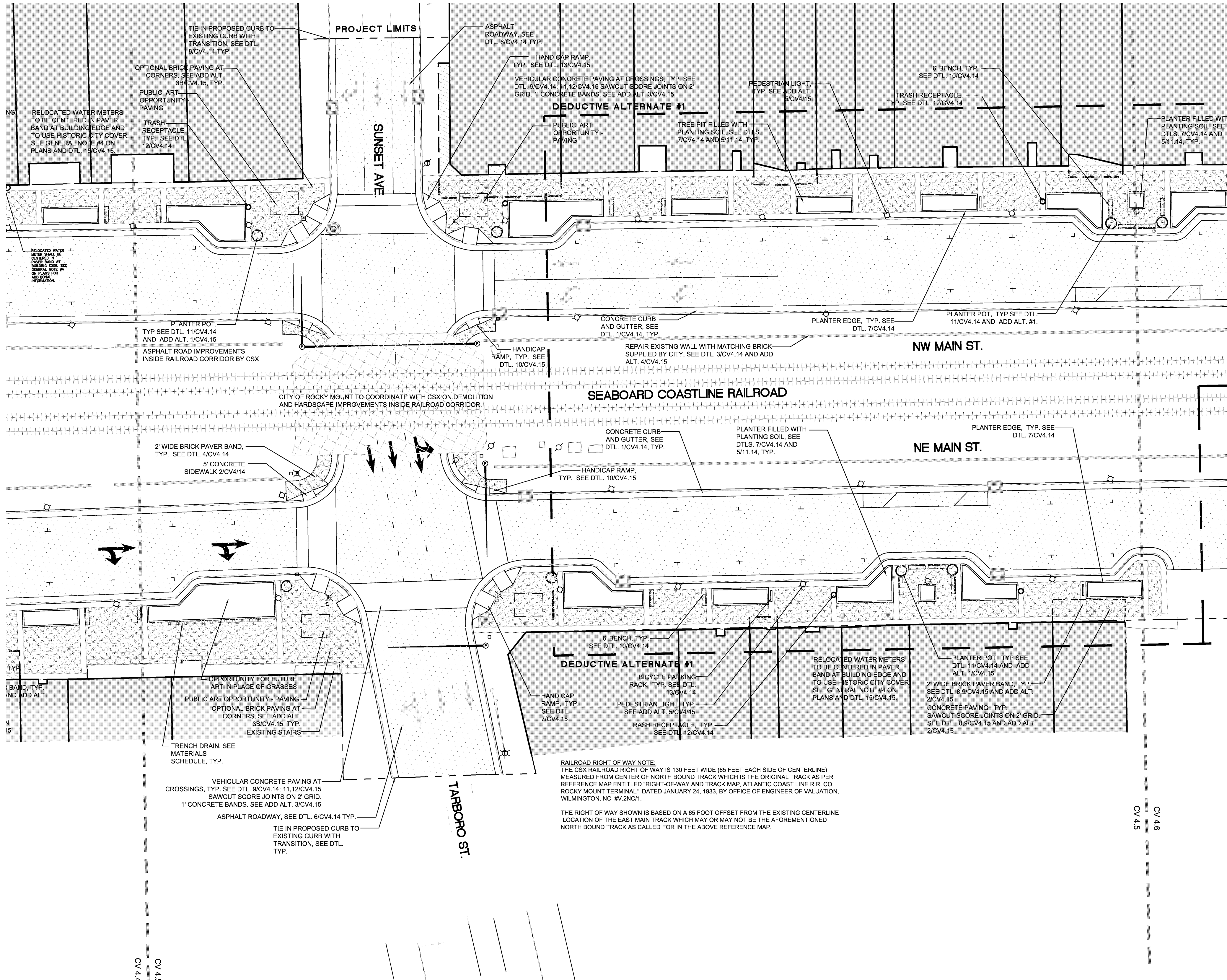


SCALE: 1"=20'

CV 4.4

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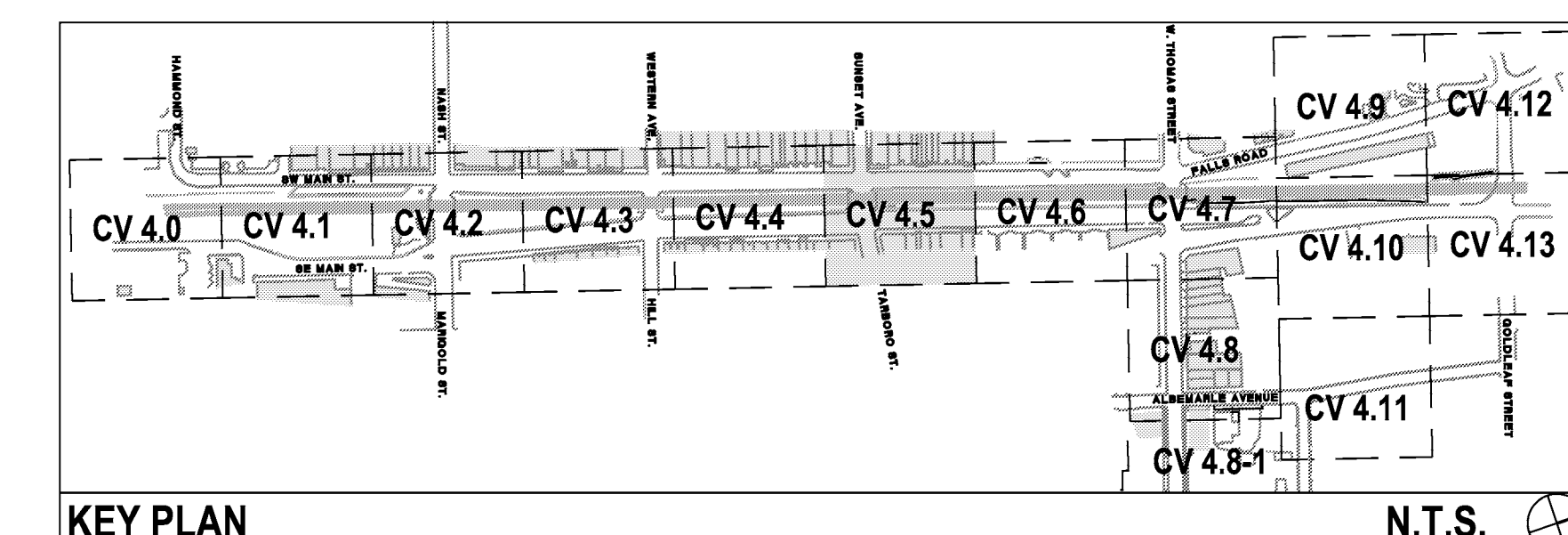
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[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/ CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/ CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/ CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/ CV4.14
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:

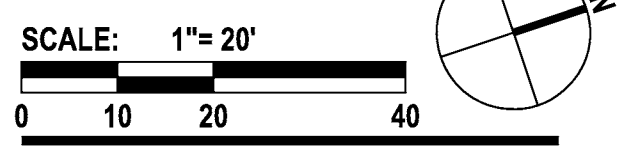
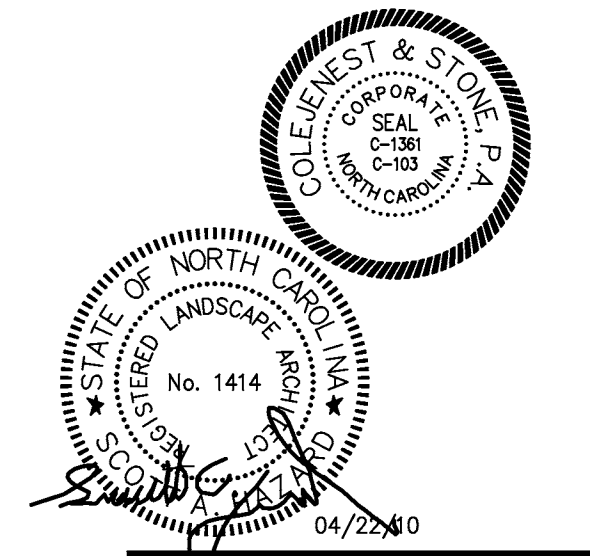
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ISSUED:

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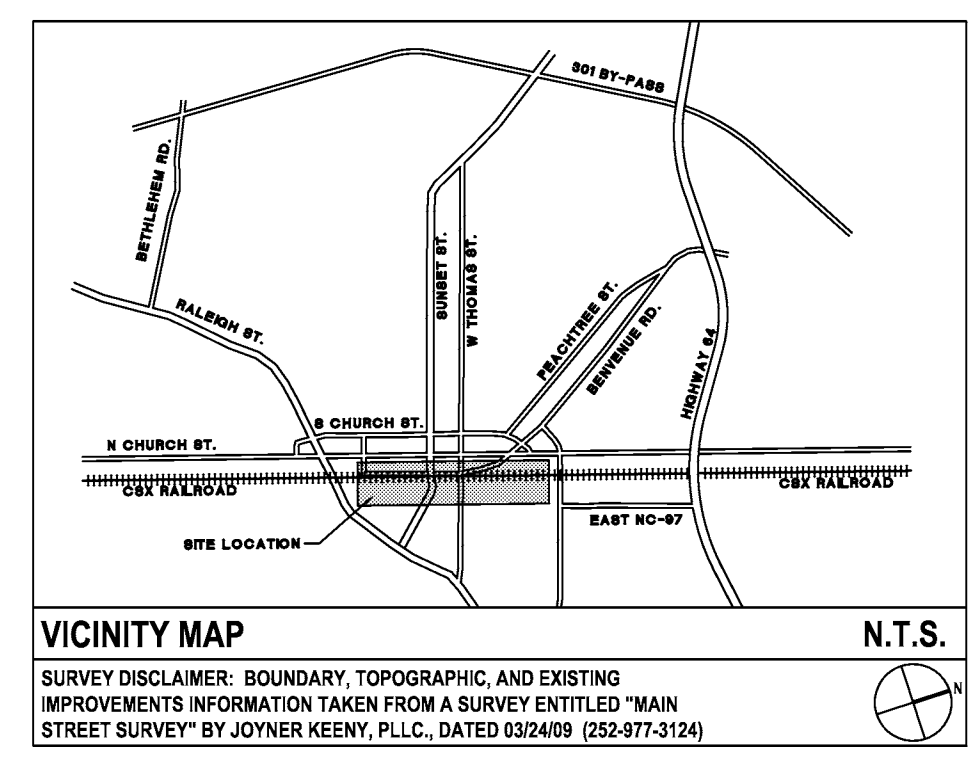
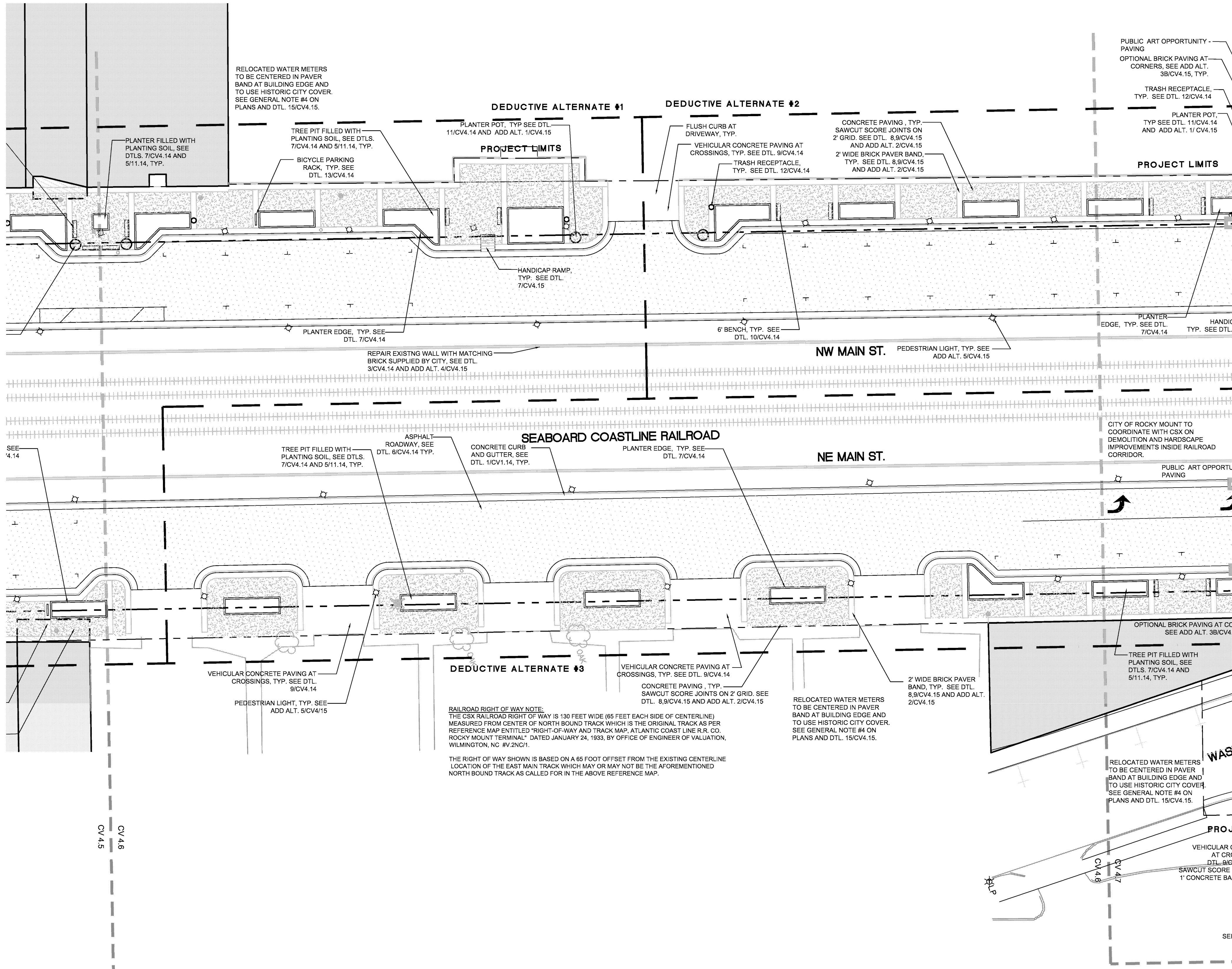
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SCALE: 1"=20'

CV 4.5

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SYMBOL	DETAIL
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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

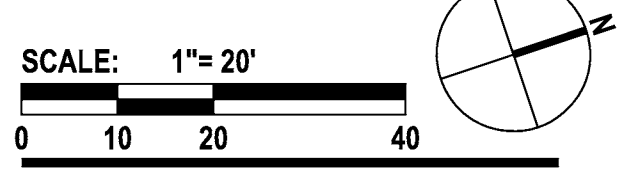
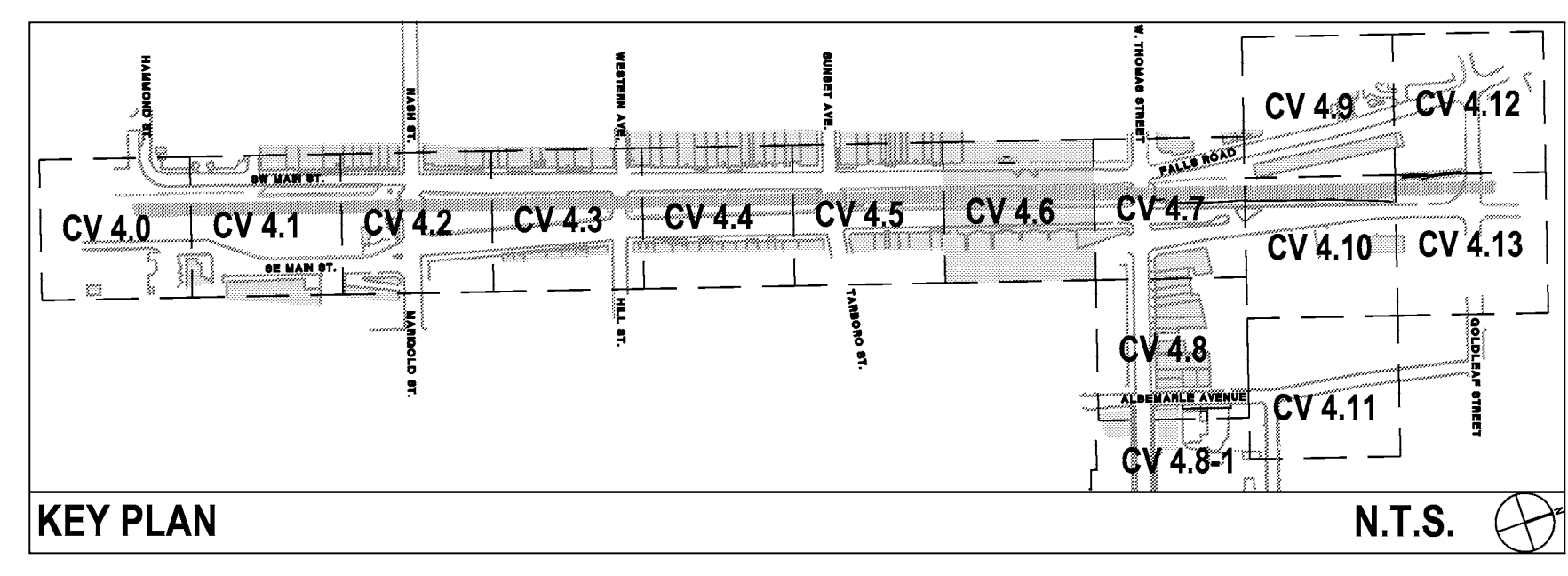
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

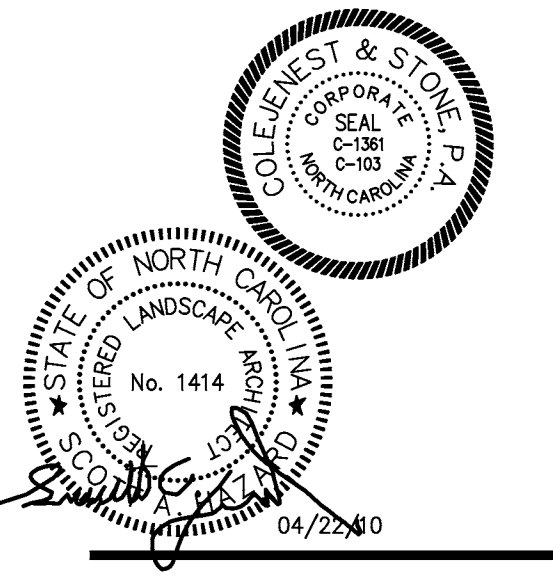
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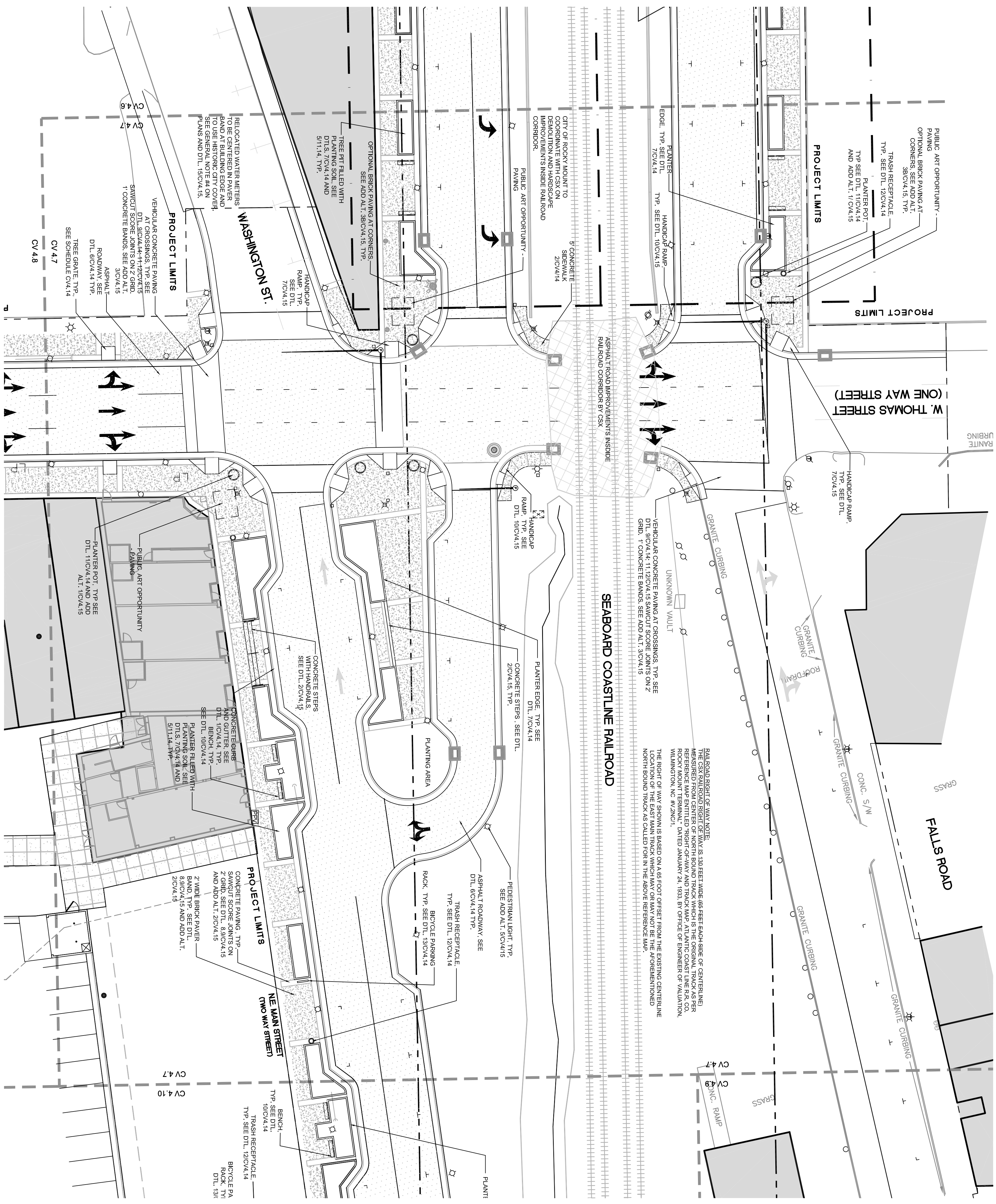


CV 4.6

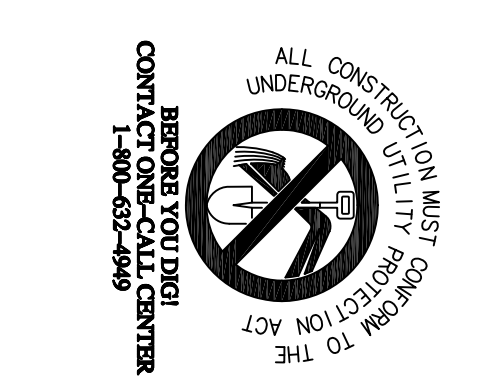
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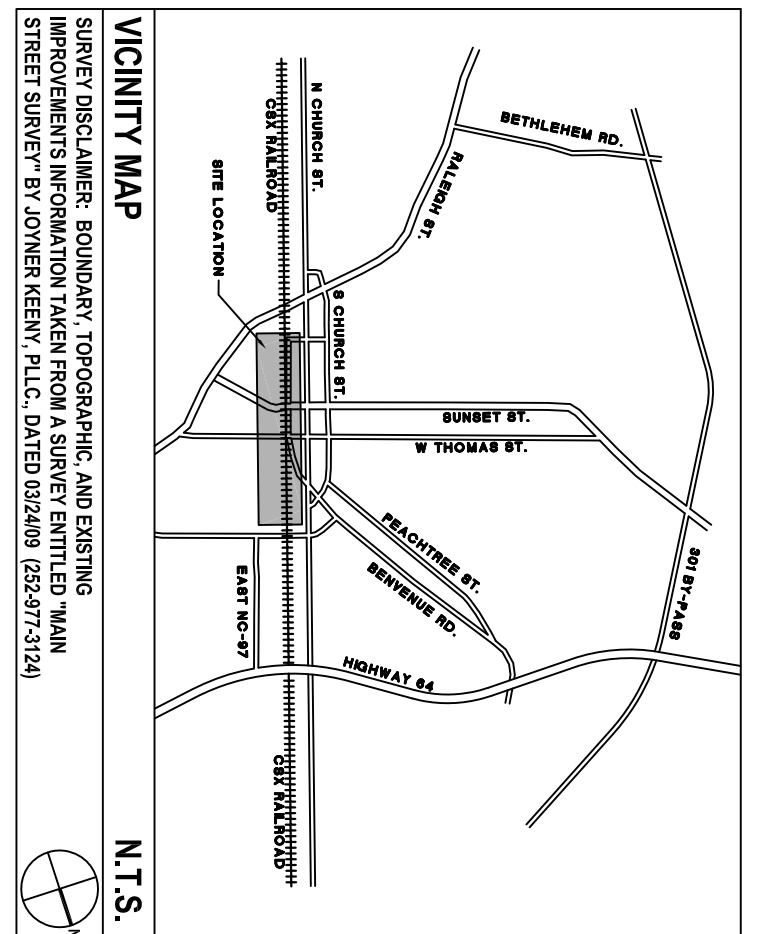




PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.



1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-432-4849) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES TO LOCATE AND IDENTIFY ALL EXISTING UTILITIES AND TO LOCATE TO EXISTING UTILITIES. LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES TO LOCATE AND IDENTIFY ALL EXISTING UTILITIES AND TO LOCATE TO EXISTING UTILITIES.
4. THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMERGENCY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENGINEERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE SERVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED USUALLY.
6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

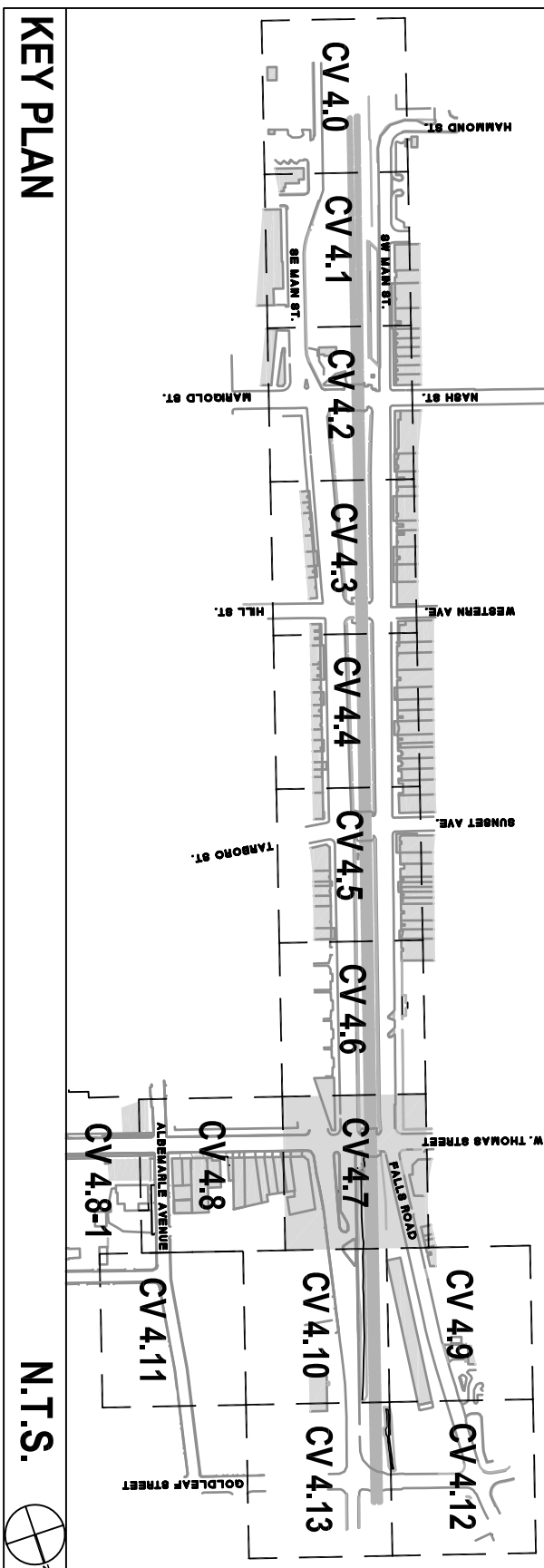


LEGEND

SYMBOL	DETAIL
[Pattern]	PROPOSED SIDEWALK
[Pattern]	PROPOSED HANDICAP RAMP
[Pattern]	PROPOSED HANDICAP SIGN
[Pattern]	PROPOSED STOP SIGN
[Pattern]	HEAVY DUTY ASPHALT
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ALTERNATE #2
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ALTERNATE #3
[Pattern]	PROPOSED 2'-6" CURB & GUTTER
[Pattern]	PROPOSED LIGHTING

GENERAL NOTES:

1. SEE SHEET CV4.14 FOR PERMISSING SCHEDULE AND ADD ALTERNATE SCHEDULES.
2. SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS, LANDSCAPE ARCHITECT/CIVIL ENGINEER, RELOCATED WATER METERS TO 15/0/4.15, RELOCATED WATER METERS TO USE HISTORIC CITY OF LANDSCAPE ARCHITECT.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

DATE	DESCRIPTION
04.22.10	1. ITEMS ADDED AT BOULDER BLOCK
04.22.10	2.
04.22.10	3.
04.22.10	4.
04.22.10	5.
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04.22.10	9.
04.22.10	10.

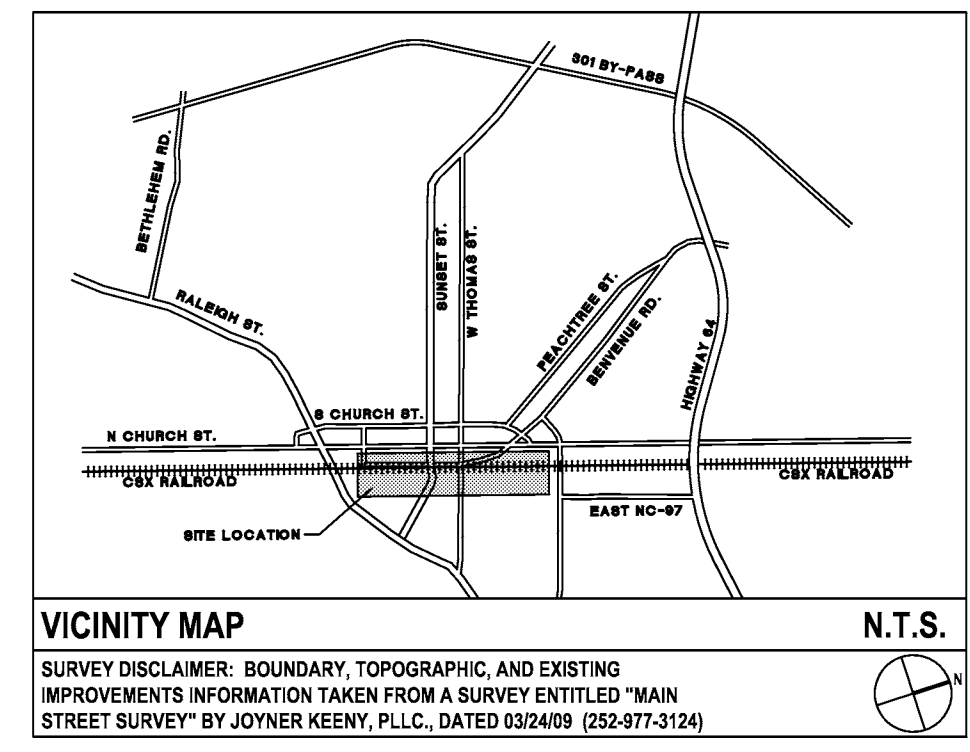
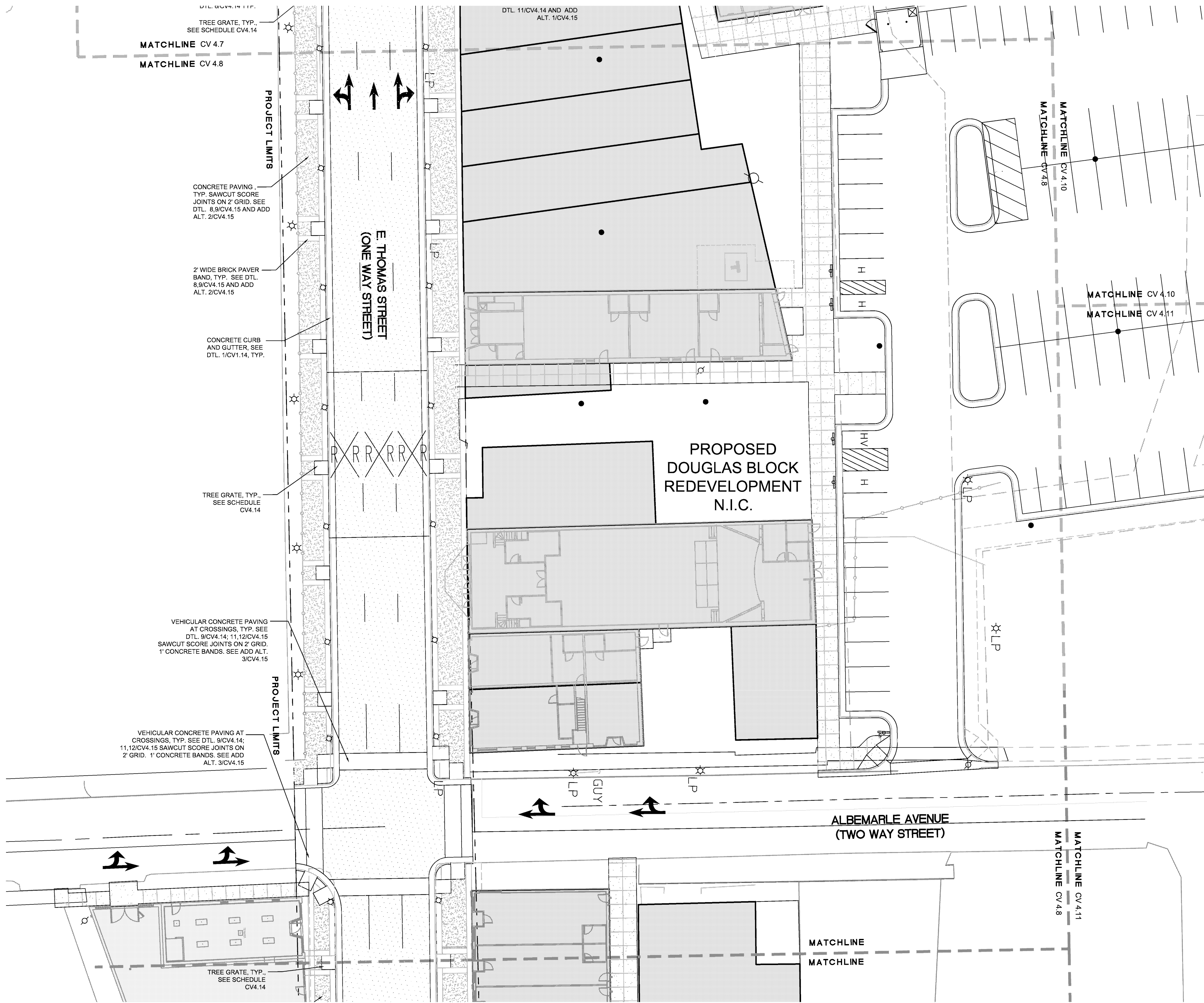
SCALE: 1"=20'

0 10 20 40

CV 4.7

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LEGEND

SYMBOL	DETAIL
[Pattern]	PROPOSED SIDEWALK 2/ CV4.14
[Pattern]	PROPOSED HANDICAP RAMP 3/ CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/ CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/ CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/ CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/ CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:

- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
- SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
- SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
- COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVED BAND AT BUILDING EDGE PER DETAIL 15/ CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

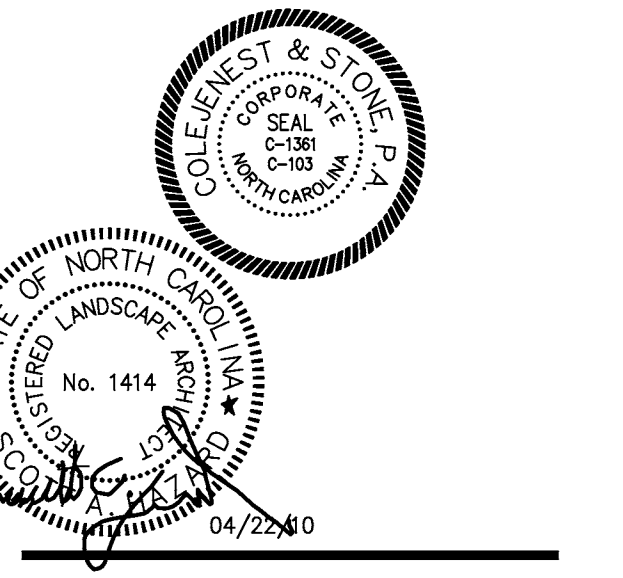
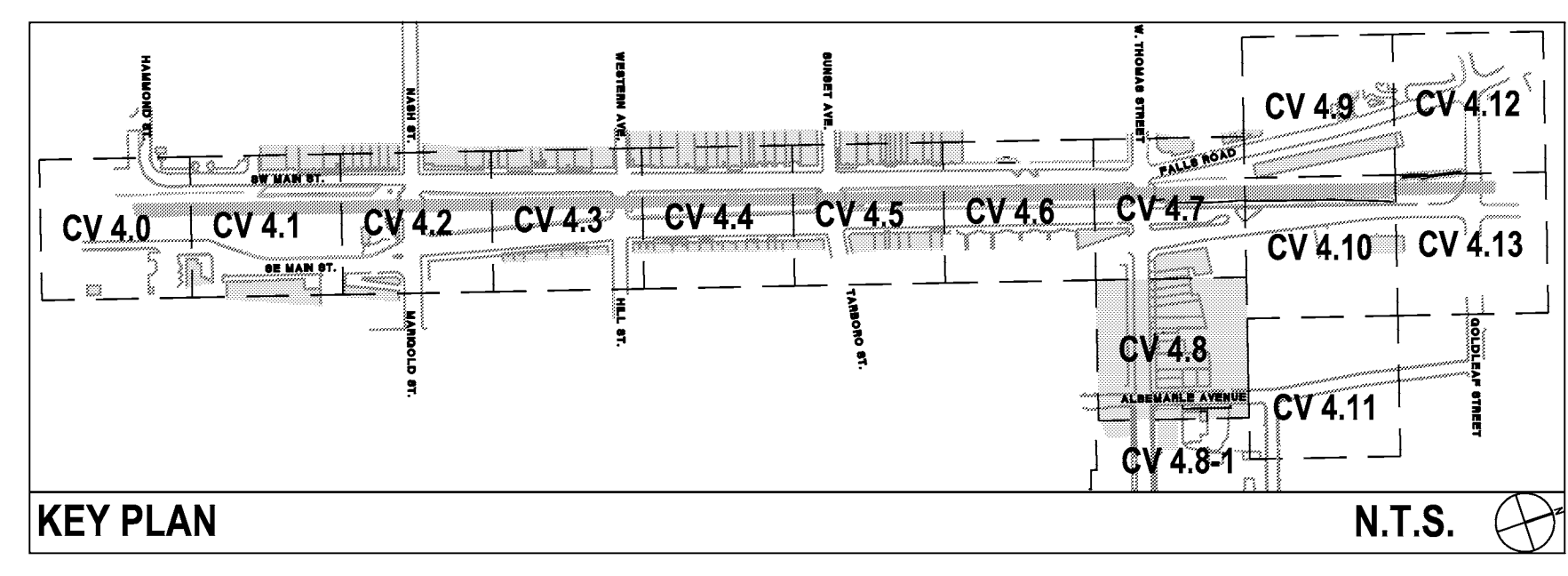
ISSUED:
04.22.10

REVISED: # COMMENTS:

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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

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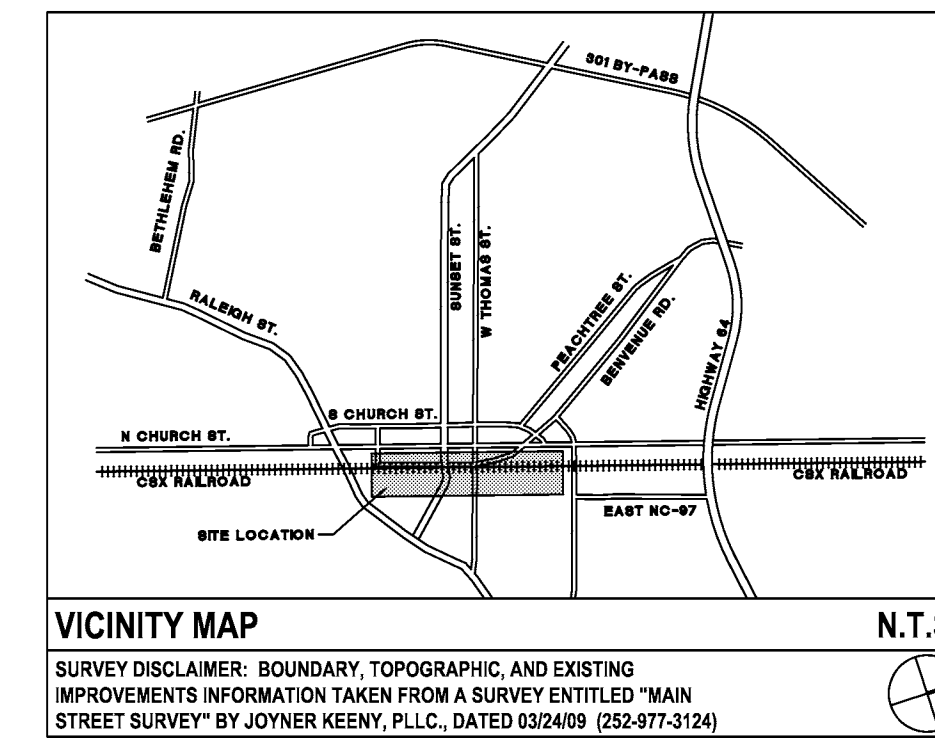
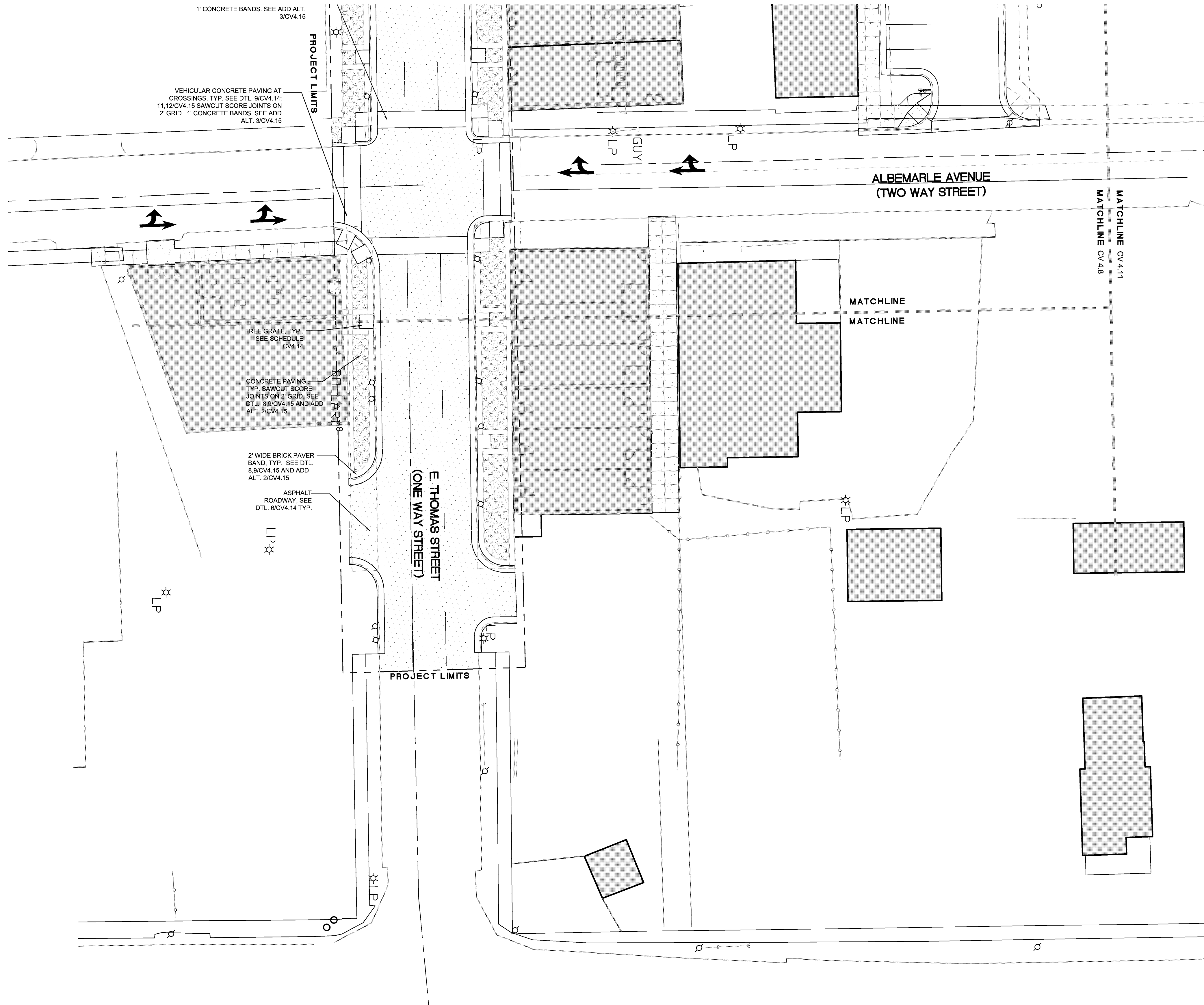


SCALE: 1"=20'

CV 4.8

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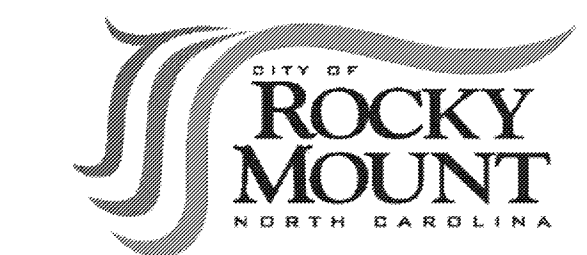
ColeJenest & Stone, P.A. 2008 ©



LEGEND

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK 2/CV4.14
[Symbol]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Symbol]	HEAVY DUTY ASPHALT 6/CV4.14
[Symbol]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Symbol]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

- GENERAL NOTES:**
- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 - SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
 - SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
 - COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVER BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:

50219

ISSUED:

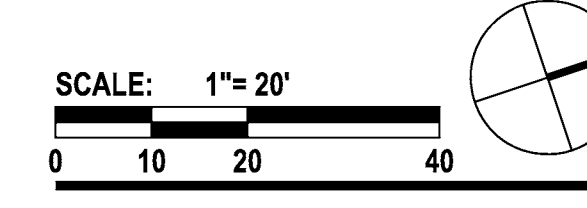
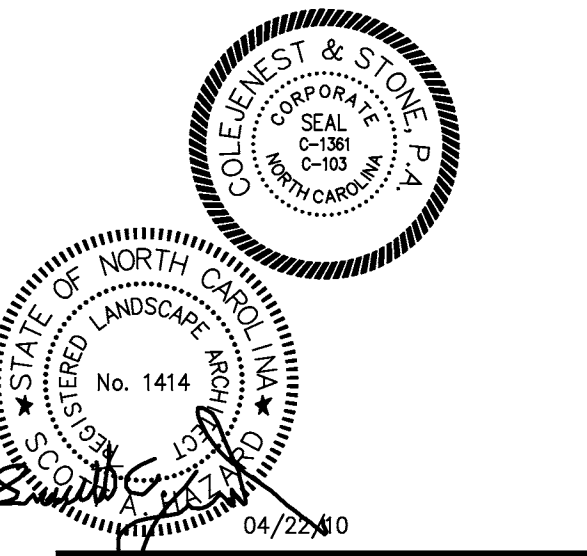
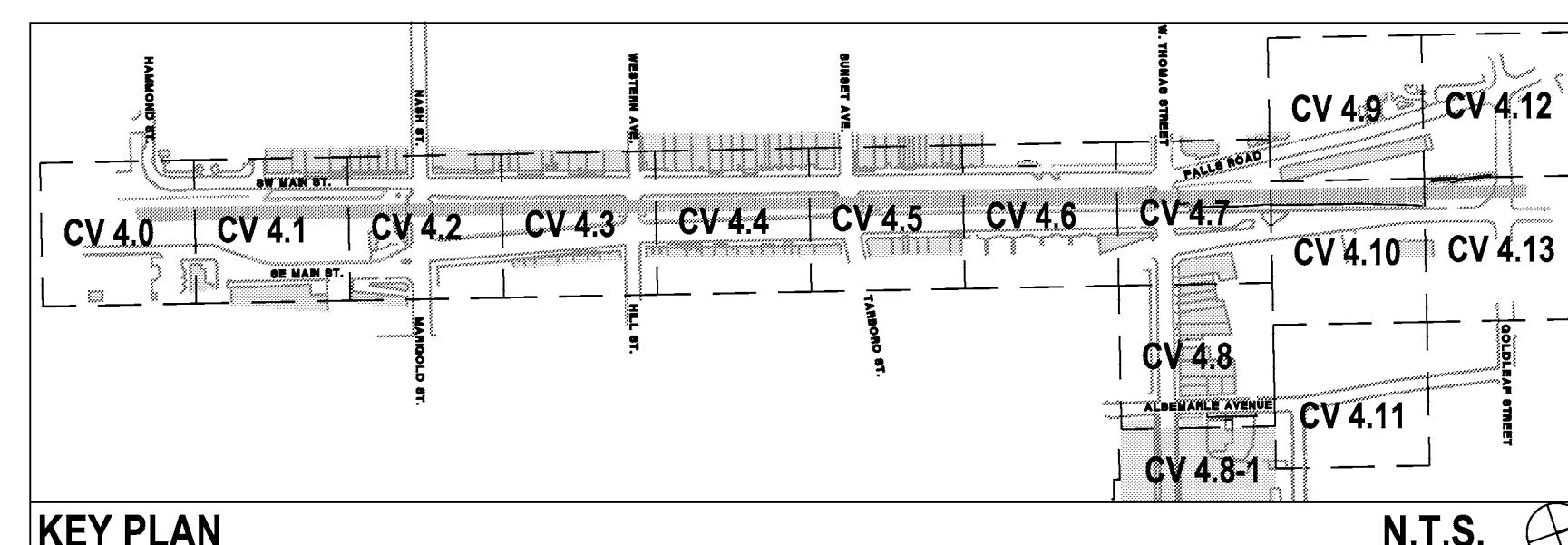
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REVISED: # COMMENTS:

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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

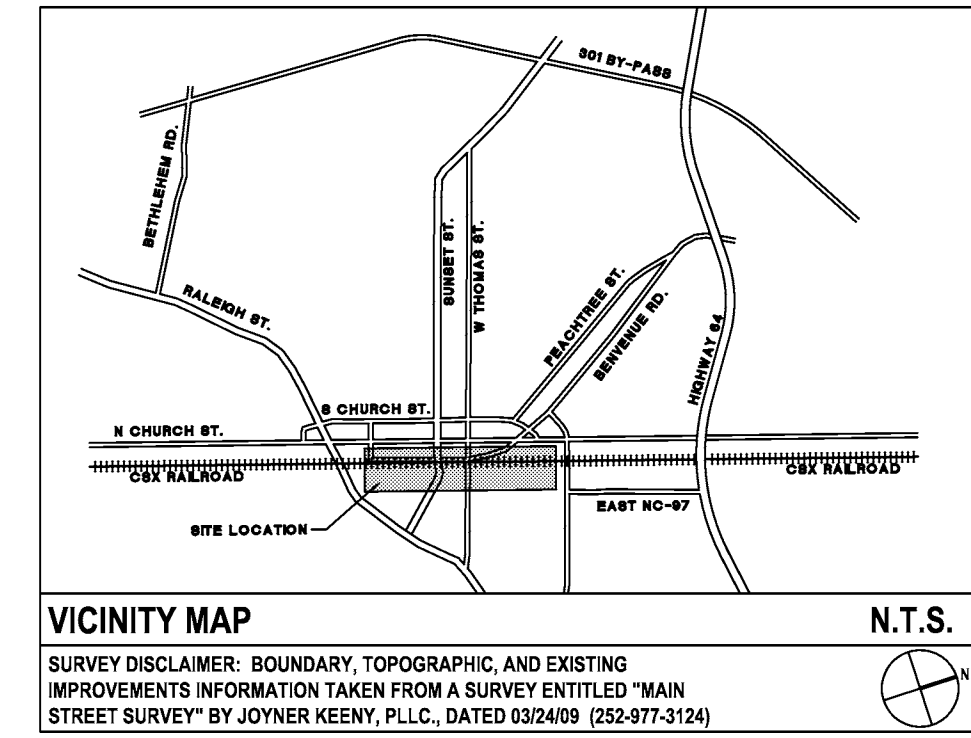
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CV 4.8-1

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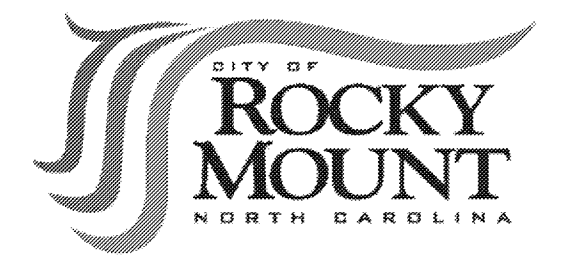


VICINITY MAP N.T.S.

SURVEY DISCLAIMER: BOUNDARY, TOPOGRAPHIC, AND EXISTING IMPROVEMENTS INFORMATION TAKEN FROM A SURVEY ENTITLED "MAIN STREET SURVEY" BY JOYNER KEENEY, PLLC, DATED 03/24/09 (252-977-3124)

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK 2/CV4.14
[Symbol]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Symbol]	HEAVY DUTY ASPHALT 6/CV4.14
[Symbol]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Symbol]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:
 1. SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 2. SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
 3. SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
 4. COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVED BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:

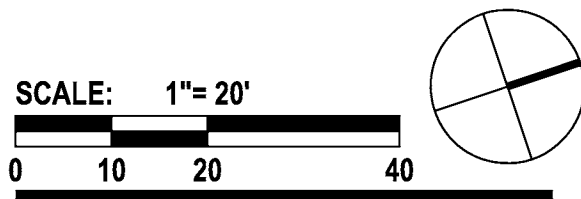
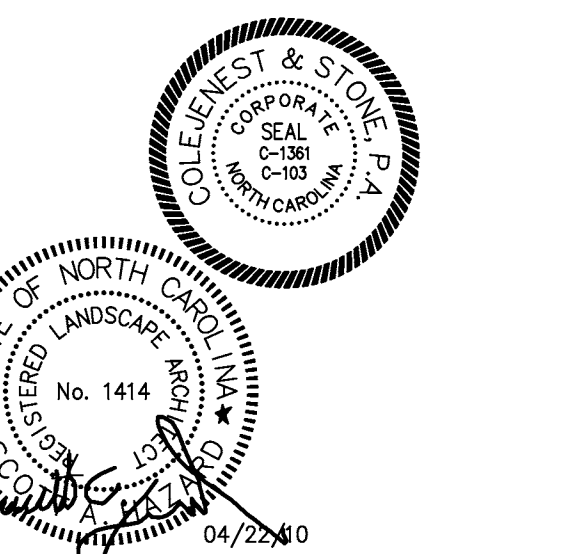
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

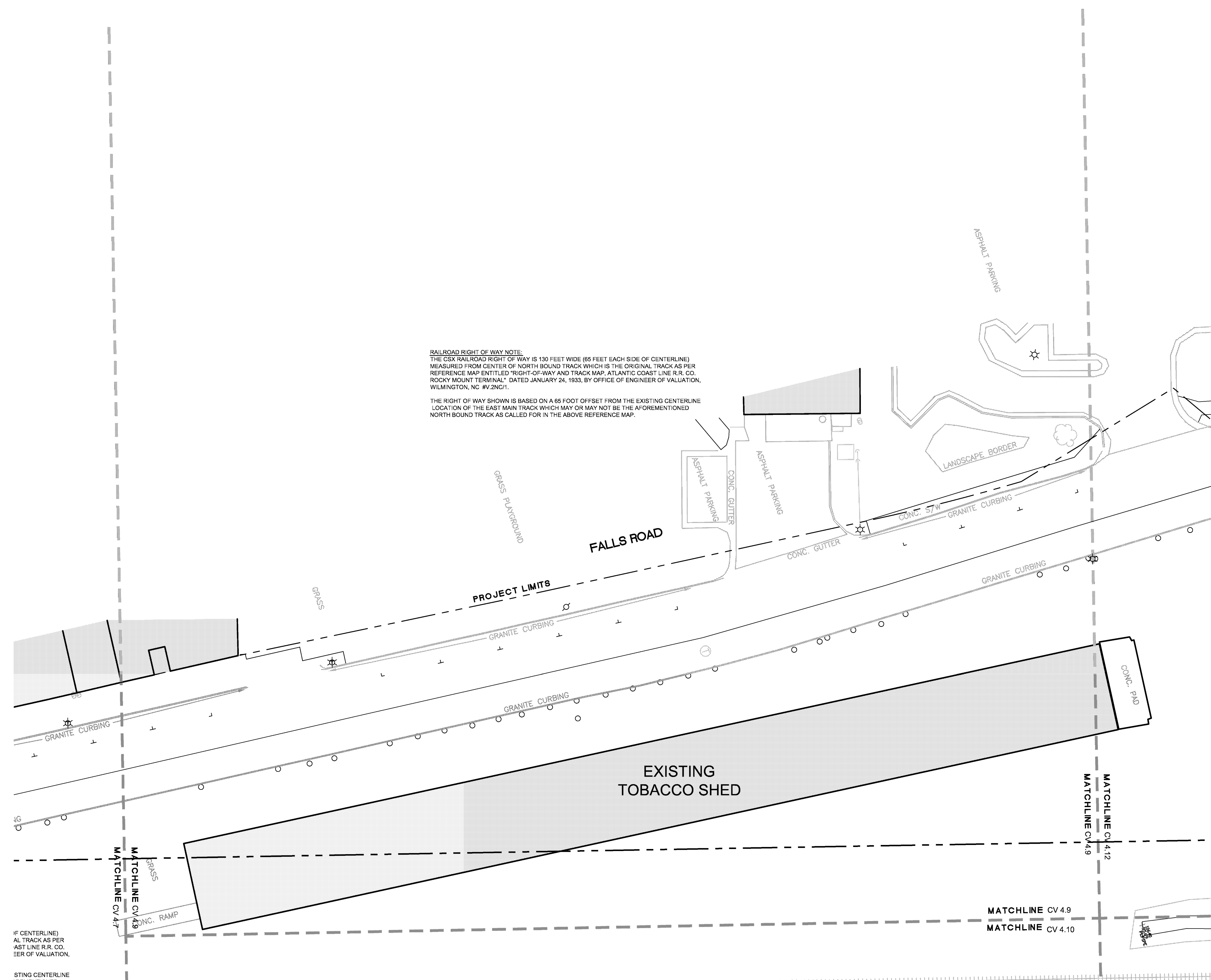
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CV 4.9

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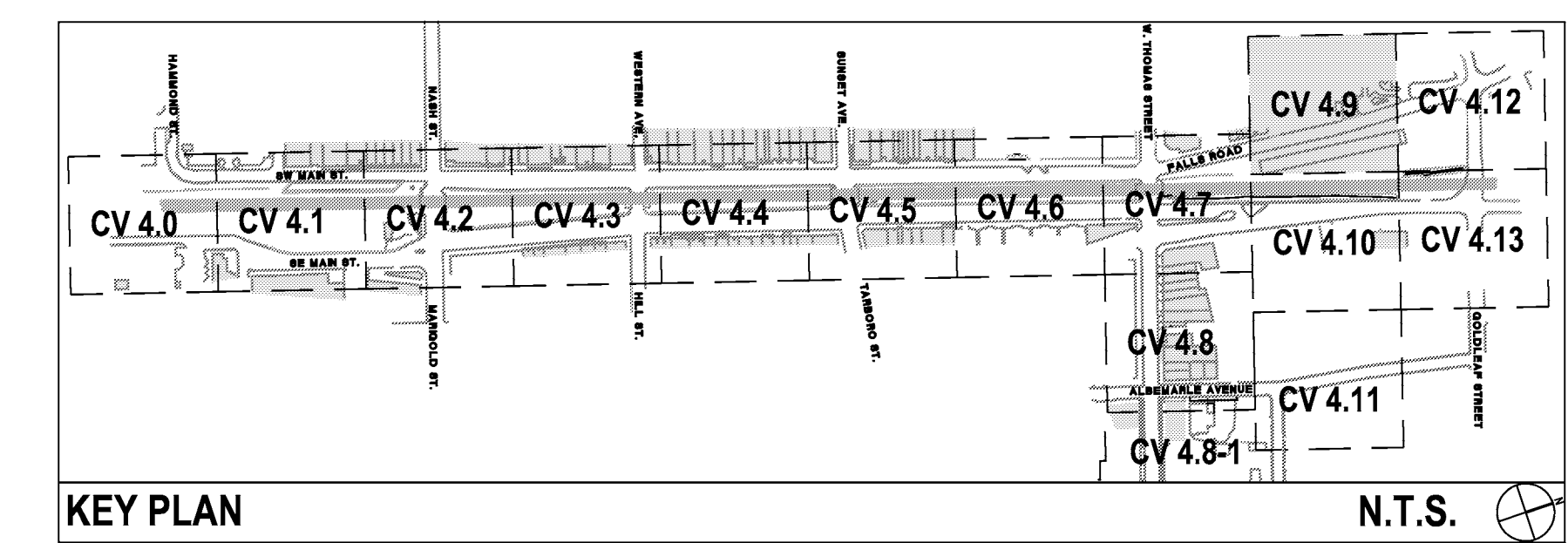


RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NG1.
 THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.

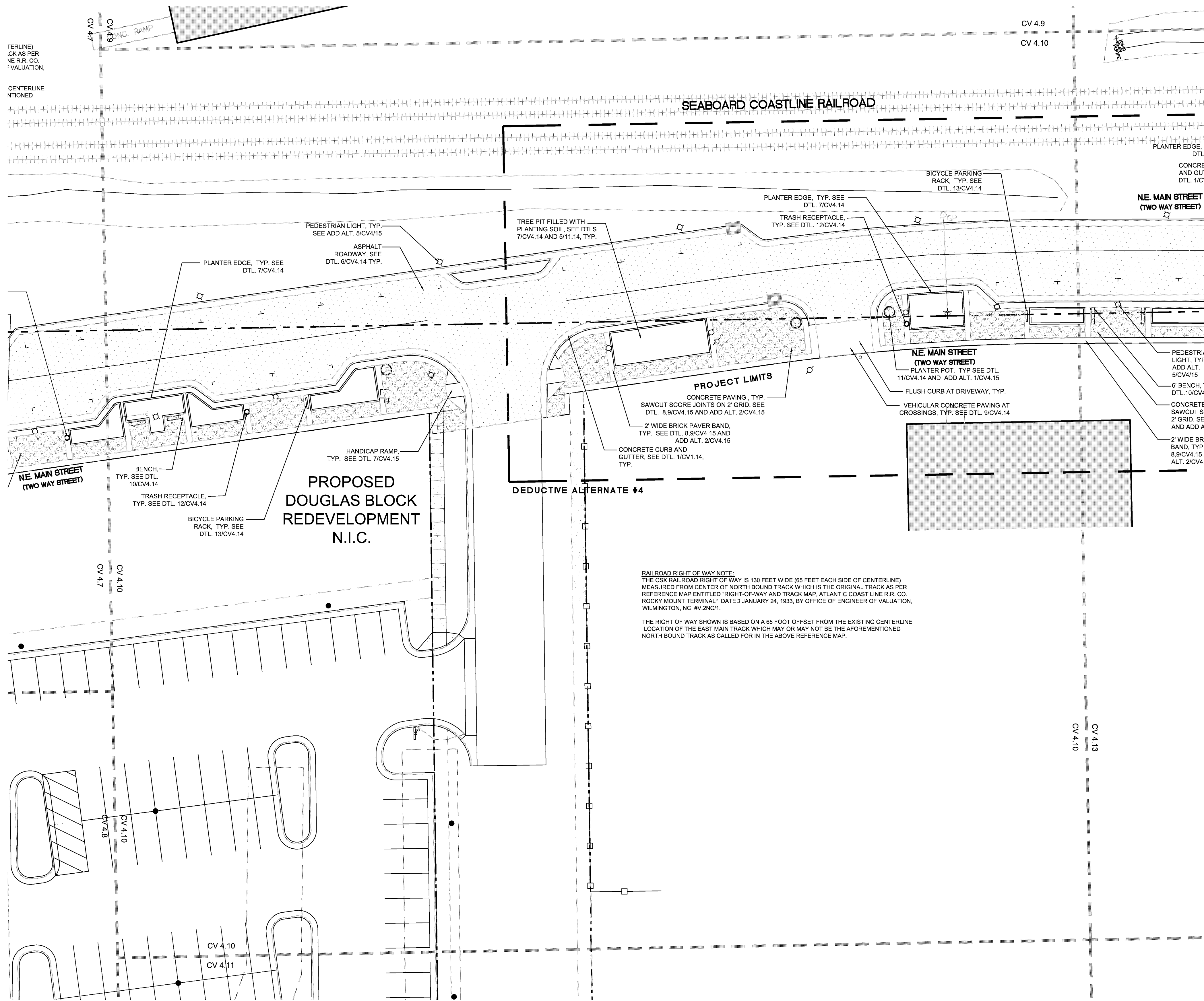
IF CENTERLINE) AL TRACK AS PER AST LINE R.R. CO. ER OF VALUATION, STING CENTERLINE REMENTIONED

PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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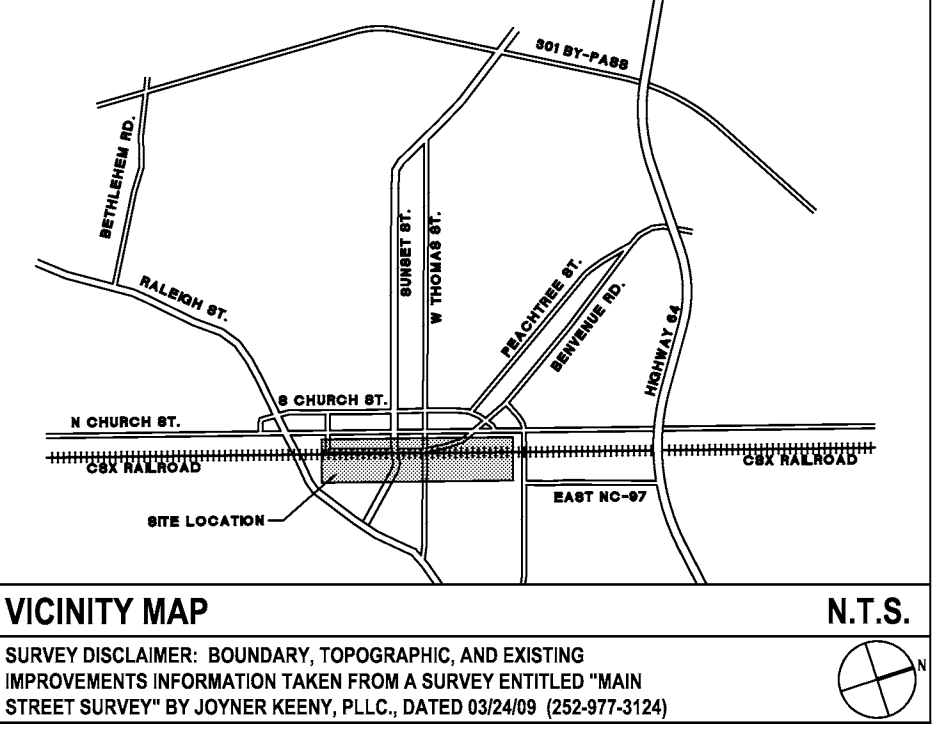


KEY PLAN N.T.S.



RAILROAD RIGHT OF WAY NOTE:
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LEGEND

SYMBOL	DETAIL
[Symbol]	PROPOSED SIDEWALK 2/CV4.14
[Symbol]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Symbol]	HEAVY DUTY ASPHALT 6/CV4.14
[Symbol]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Symbol]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
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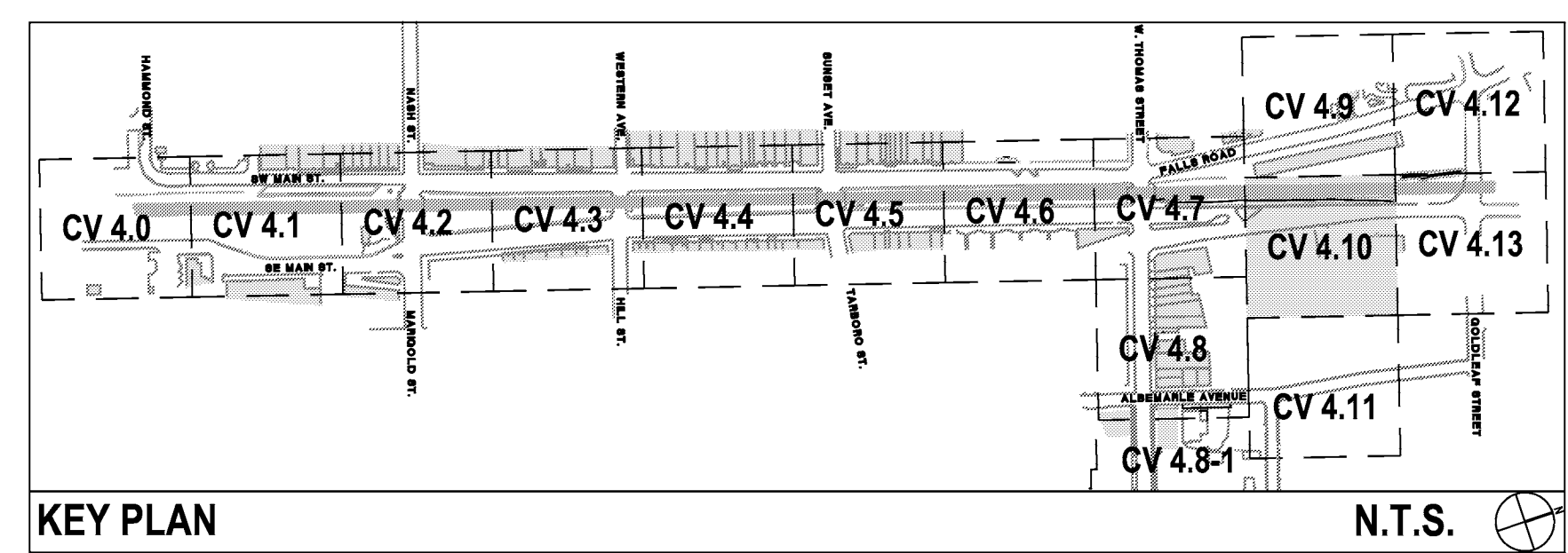
GENERAL NOTES:

- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.



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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

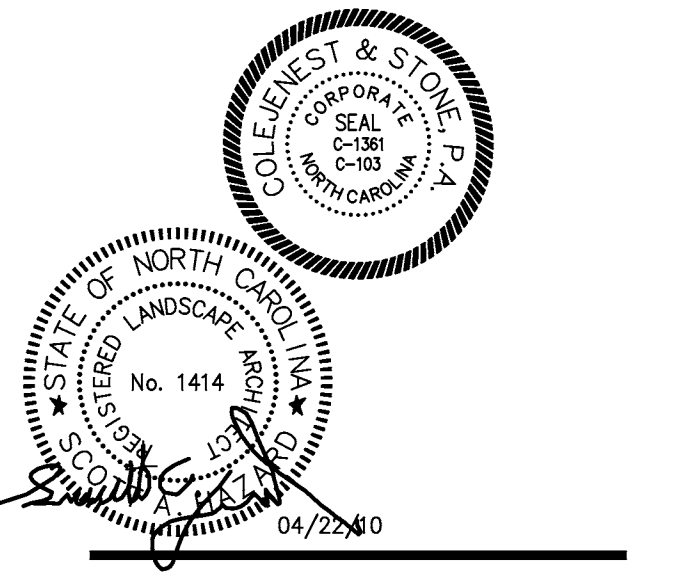
MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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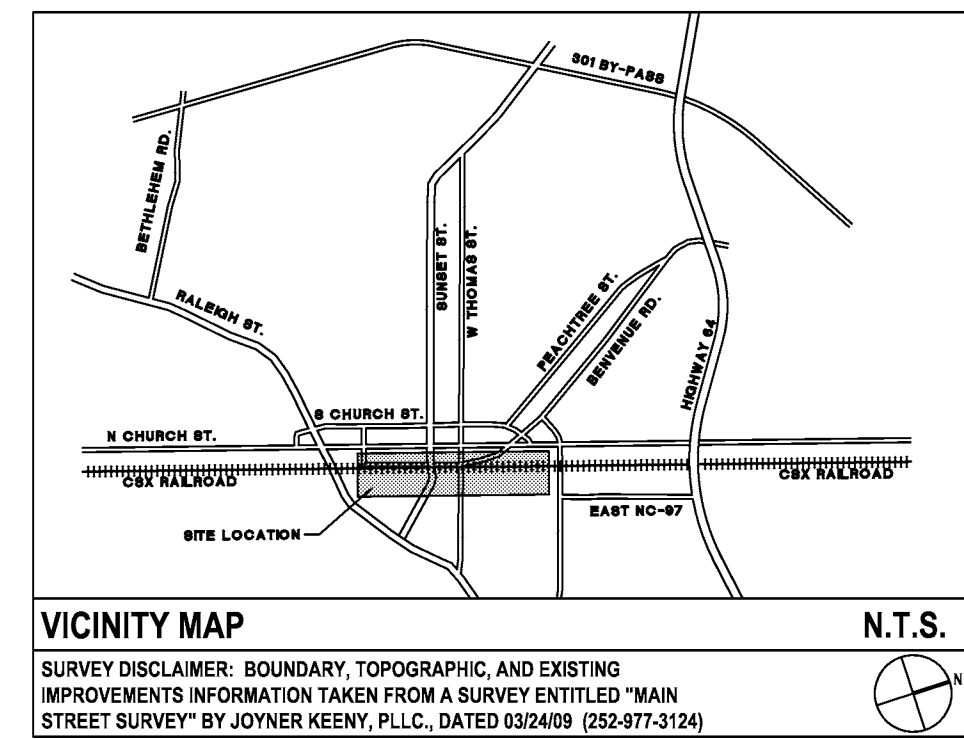
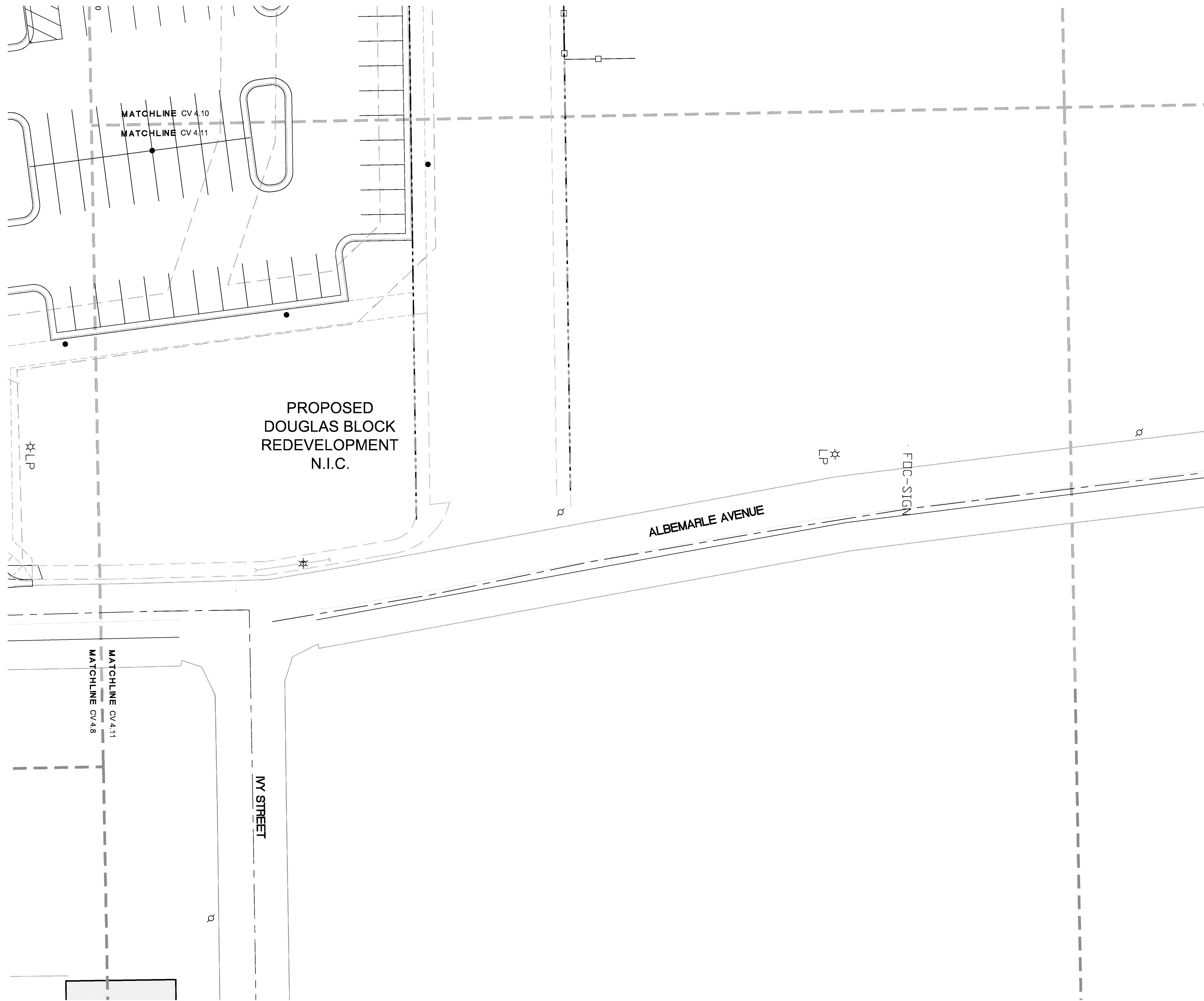


SCALE: 1"=20'

CV 4.10

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LEGEND

SYMBOL		DETAIL
	PROPOSED SIDEWALK	2/CV4.14
	PROPOSED HANDICAP RAMP	3/CV4.14
	PROPOSED HANDICAP SIGN	-/-
	PROPOSED STOP SIGN	SEE TRAFFIC ENGINEER'S DRAWINGS
	HEAVY DUTY ASPHALT	6/CV4.14
	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2	2/CV4.14
	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3	9/CV4.14
	PROPOSED 2'-6" CURB & GUTTER	1/CV4.14
	PROPOSED LIGHTING	SEE ELECTRICAL ENGINEER'S DRAWINGS

- GENERAL NOTES:
- SEE SHEET CV4.14 FOR FURNISHINGS SCHEDULE
 - SEE SHEET CV4.15 FOR DEDUCTIVE ALTERNATE AND ADD ALTERNATE SCHEDULES.
 - SEE TRAFFIC ENGINEER PLANS FOR PAVEMENT MARKING DETAILS.
 - COORDINATE RELOCATED WATER METER LOCATIONS WITH CITY AND LANDSCAPE ARCHITECT/CIVIL ENGINEER. RELOCATED WATER METERS TO BE CENTERED IN PAVEMENT BAND AT BUILDING EDGE PER DETAIL 15/CV4.15. RELOCATED WATER METERS TO USE HISTORIC CITY OF ROCKY MOUNT COVER. COORDINATE COVER STYLE WITH CITY AND LANDSCAPE ARCHITECT.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

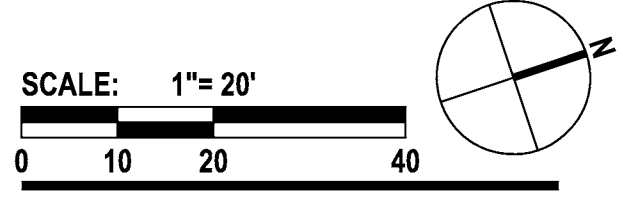
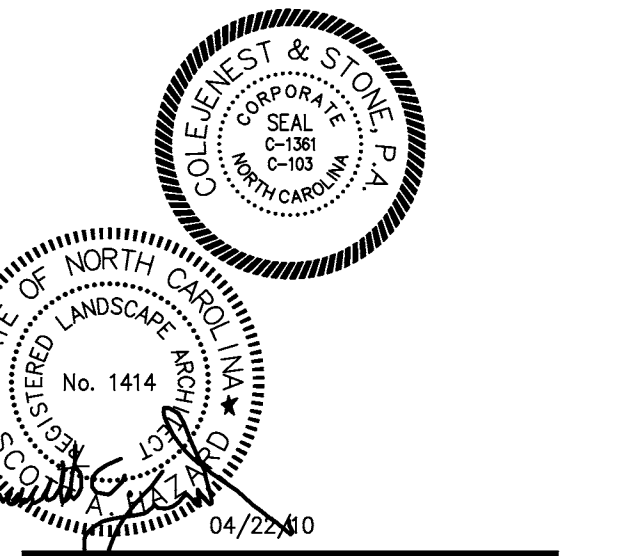
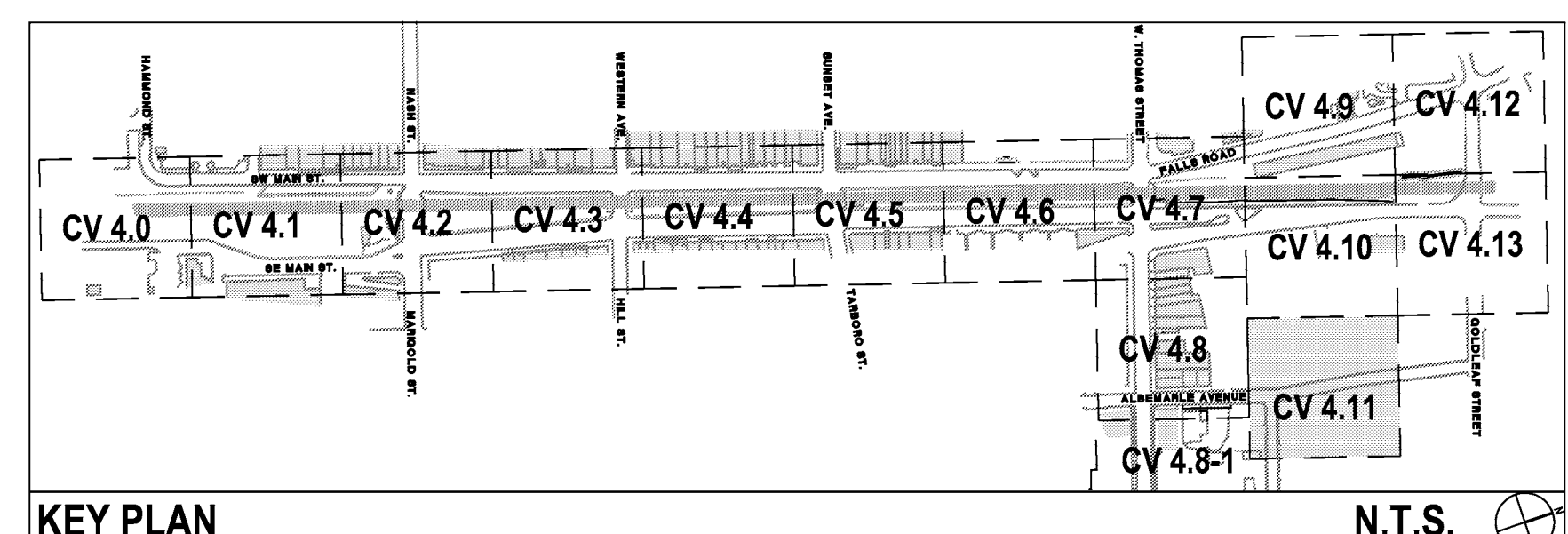
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4049) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



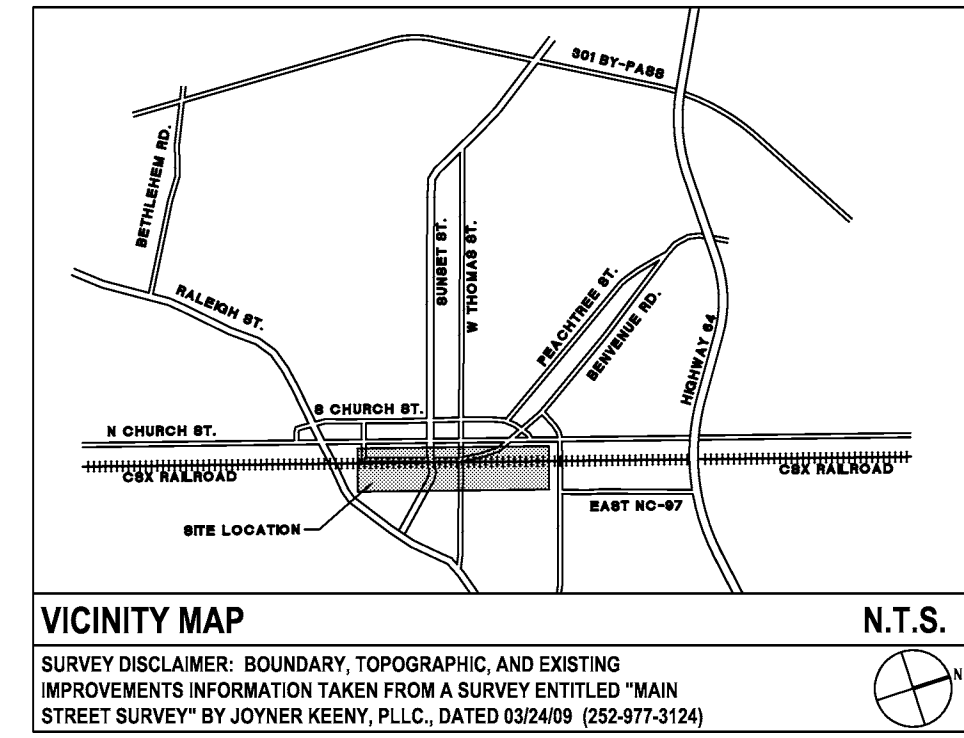
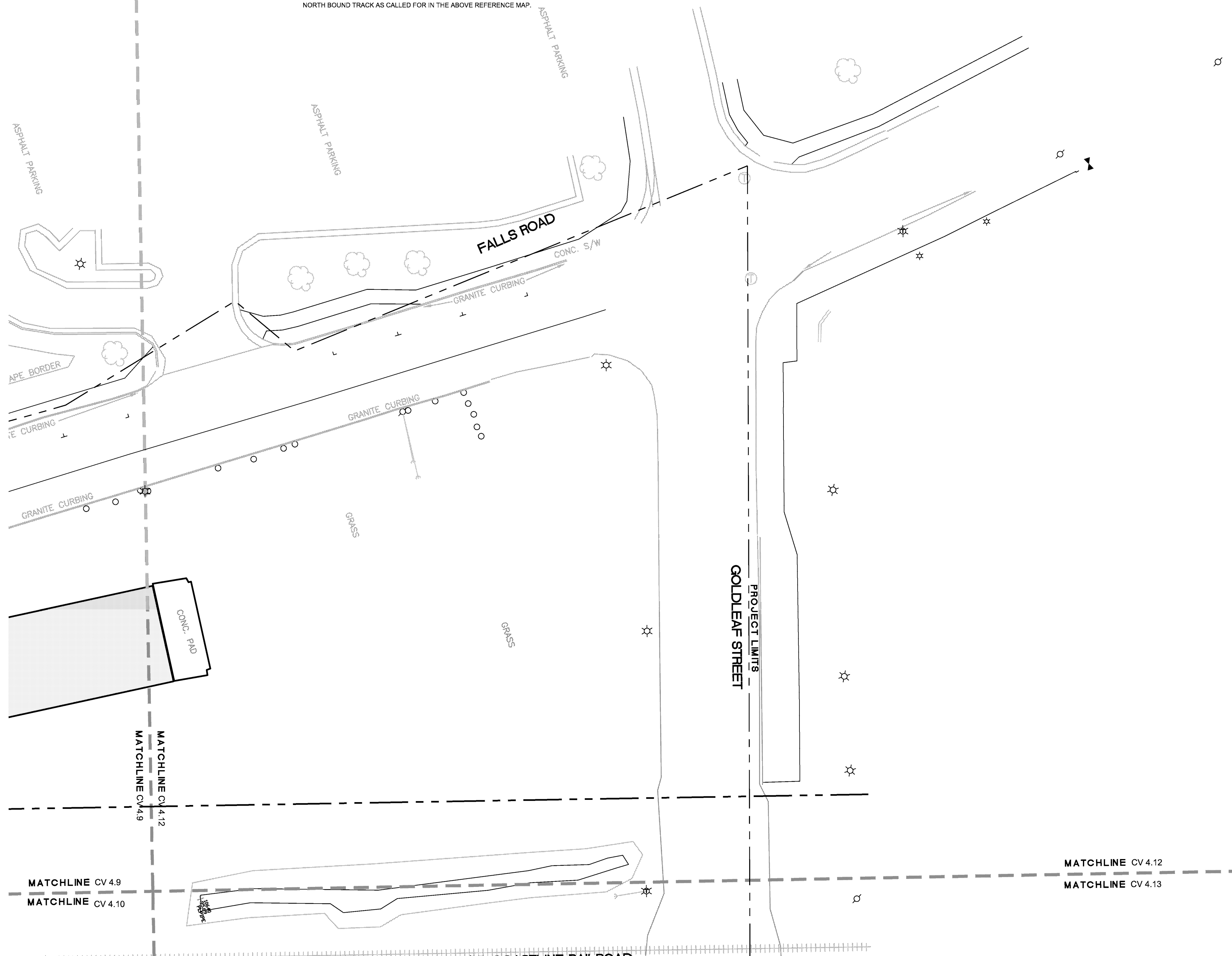
CV 4.11

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RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.

THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND

SYMBOL	DETAIL
[Pattern]	PROPOSED SIDEWALK 2/CV4.14
[Pattern]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN -/-
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
[Symbol]	PROPOSED 2'-6" CURB & GUTTER 1/CV4.14
[Symbol]	PROPOSED LIGHTING SEE ELECTRICAL ENGINEER'S DRAWINGS

GENERAL NOTES:

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

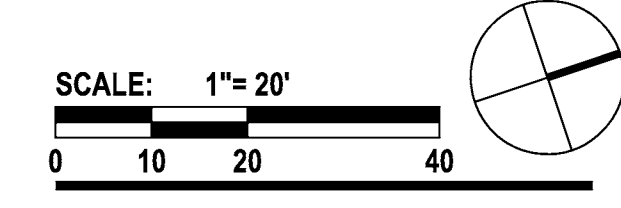
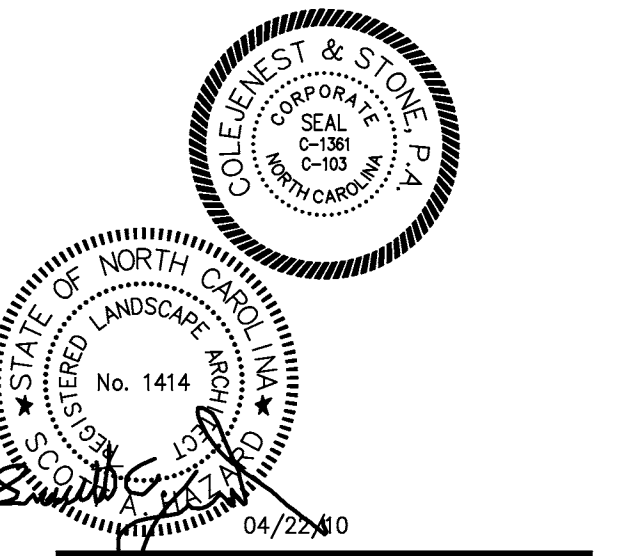
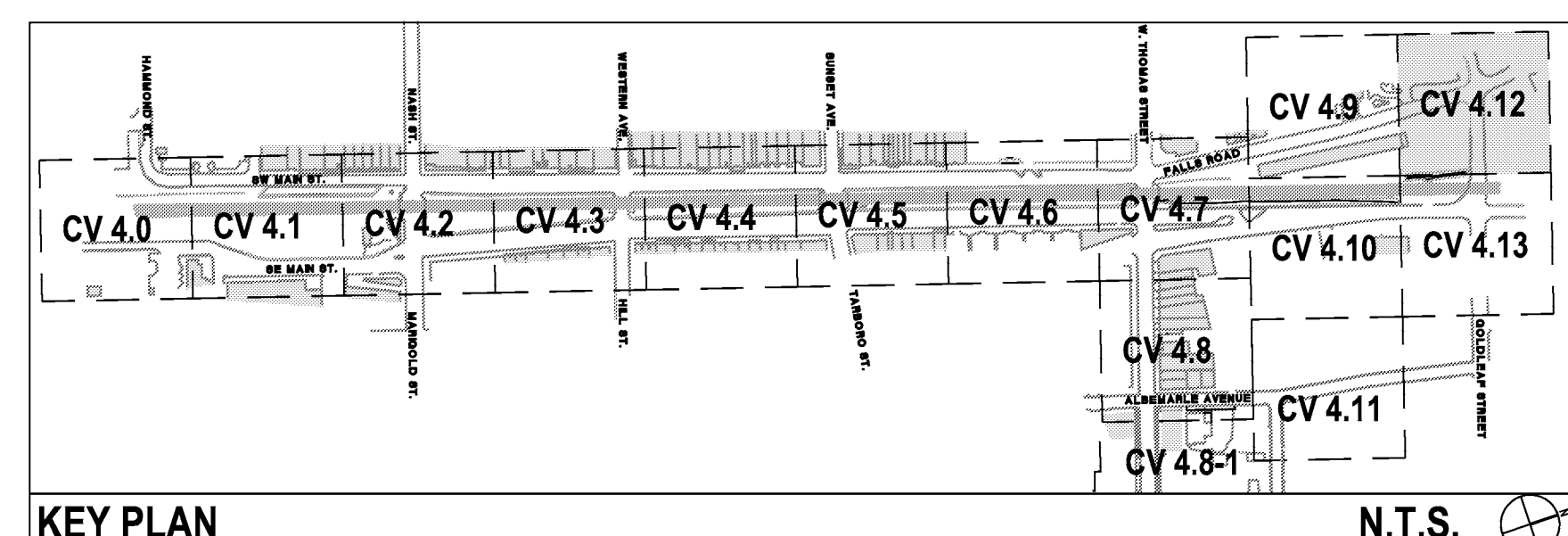
ISSUED:
04.22.10

REVISED: # COMMENTS:

#	COMMENTS
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

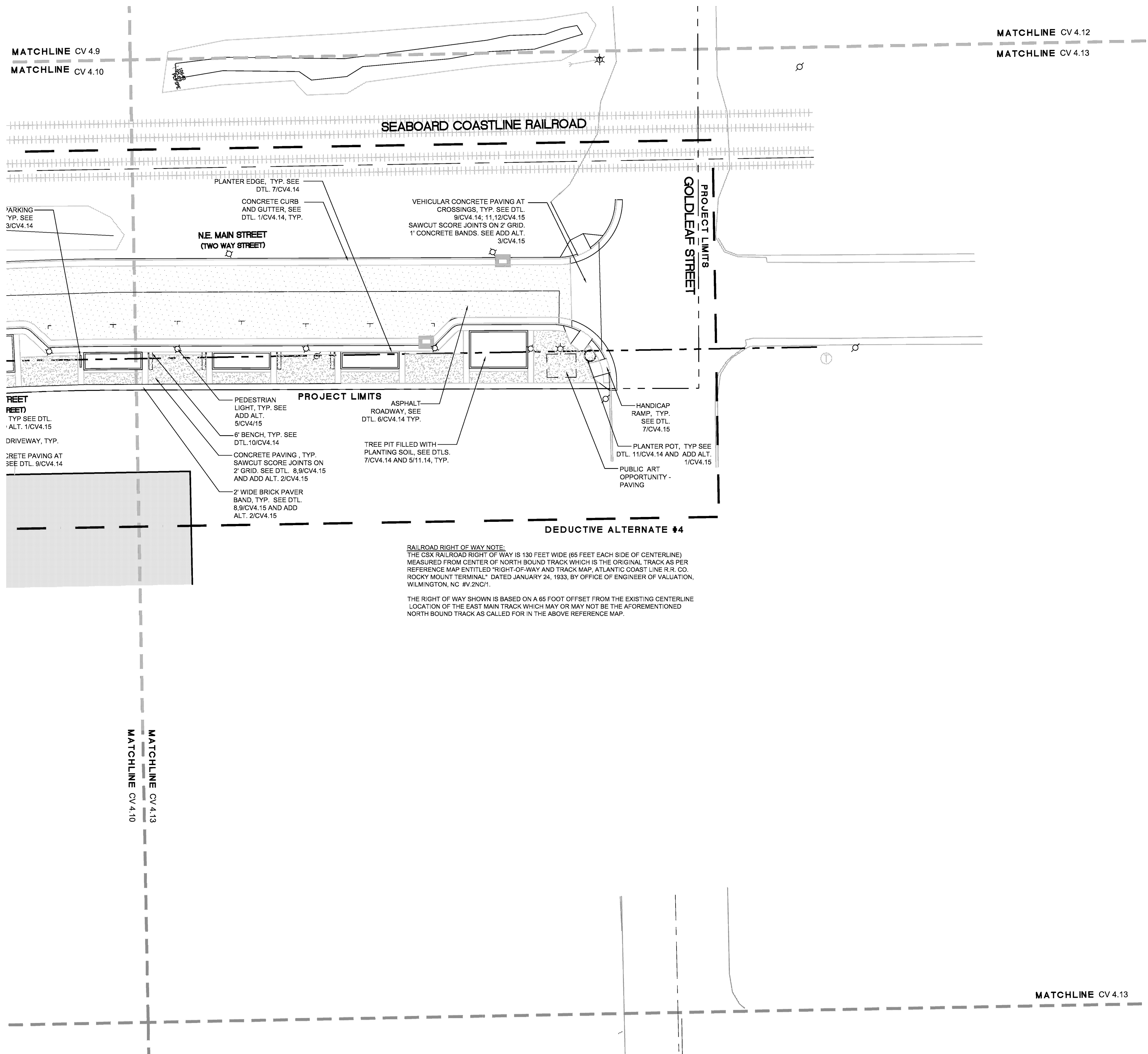
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CV 4.12

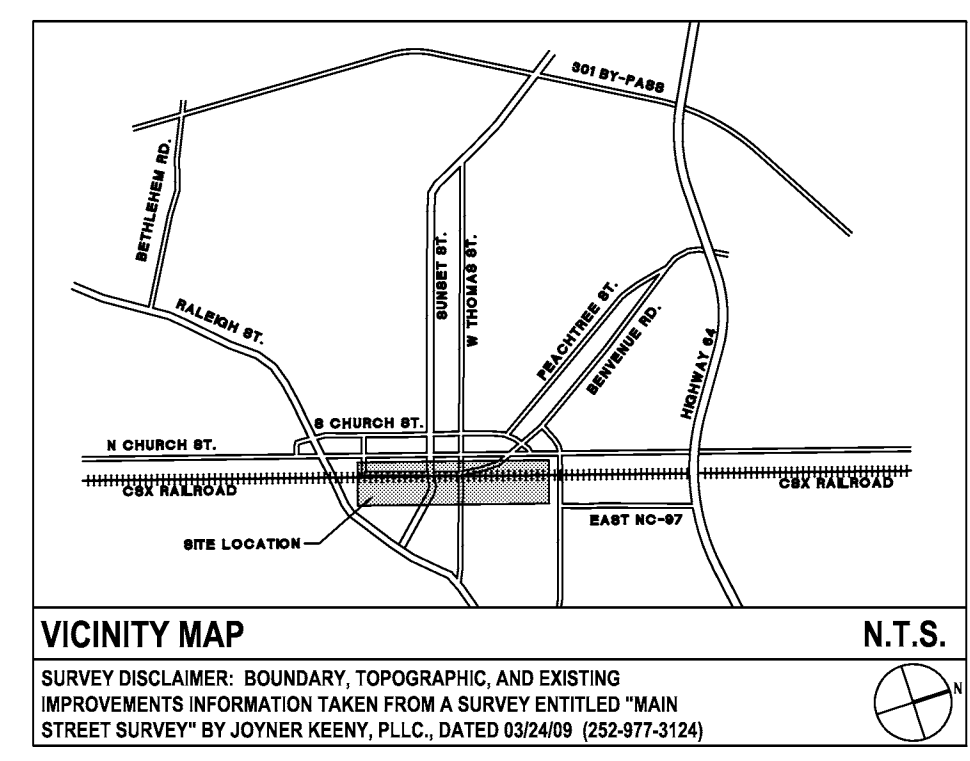
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PLEASE SEE SHEET CV4.14 FOR MATERIALS & HARDSCAPE NOTES.

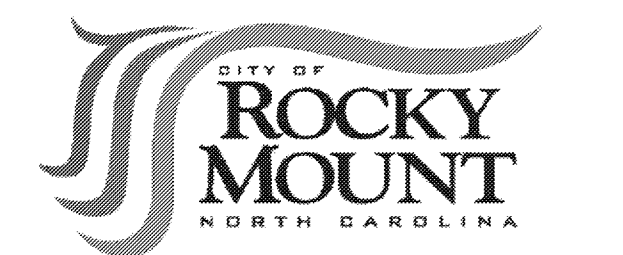
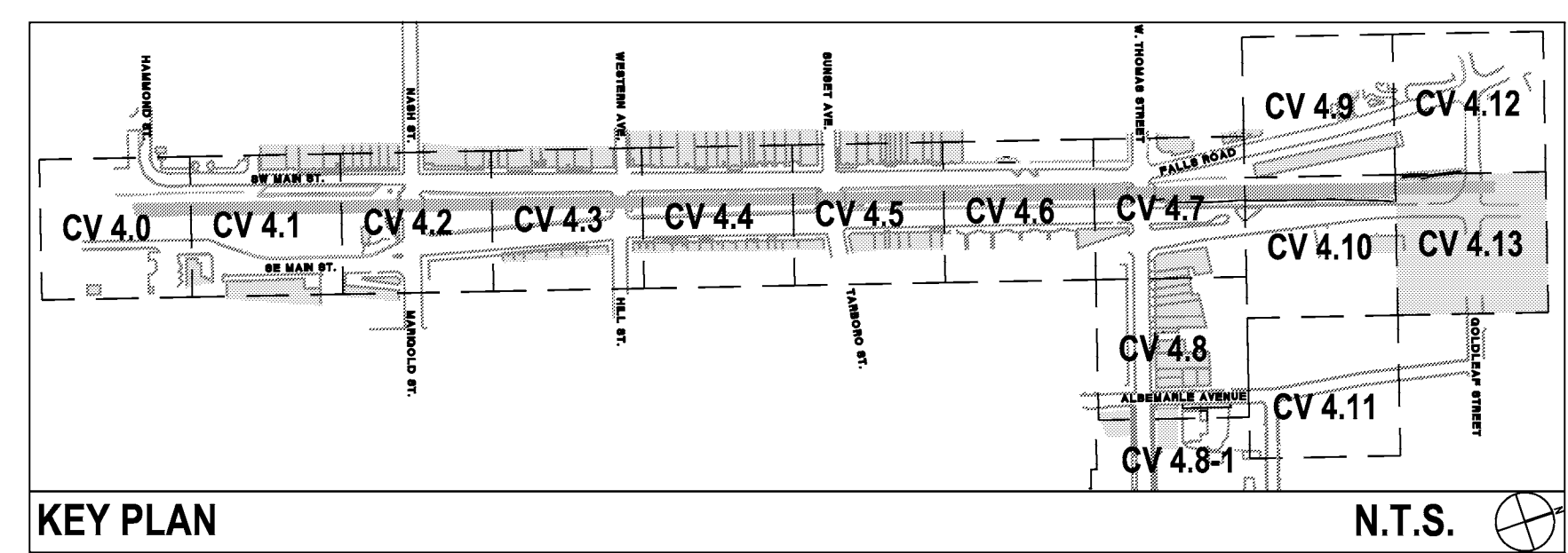
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LEGEND

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[Pattern]	PROPOSED SIDEWALK 2/CV4.14
[Pattern]	PROPOSED HANDICAP RAMP 3/CV4.14
[Symbol]	PROPOSED HANDICAP SIGN --/--
[Symbol]	PROPOSED STOP SIGN SEE TRAFFIC ENGINEER'S DRAWINGS
[Pattern]	HEAVY DUTY ASPHALT 6/CV4.14
[Pattern]	PEDESTRIAN CONCRETE PAVING - SEE ADD ALTERNATE #2 2/CV4.14
[Pattern]	VEHICULAR CONCRETE PAVING - SEE ADD ALTERNATE #3 9/CV4.14
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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

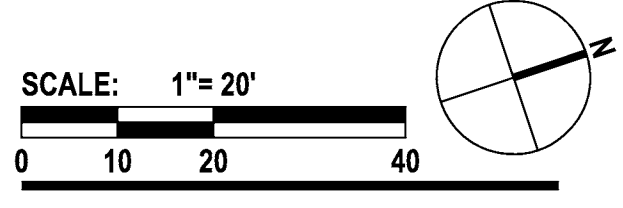
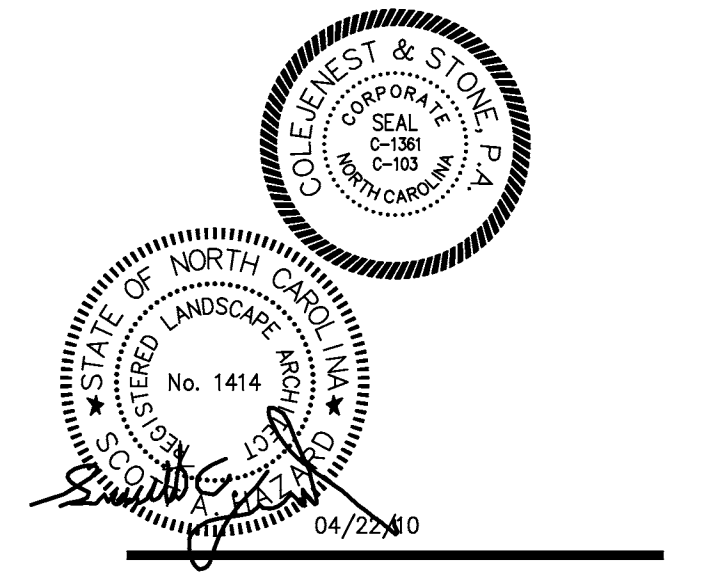
MATERIALS & HARDSCAPE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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CV 4.13

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STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS

NOTES

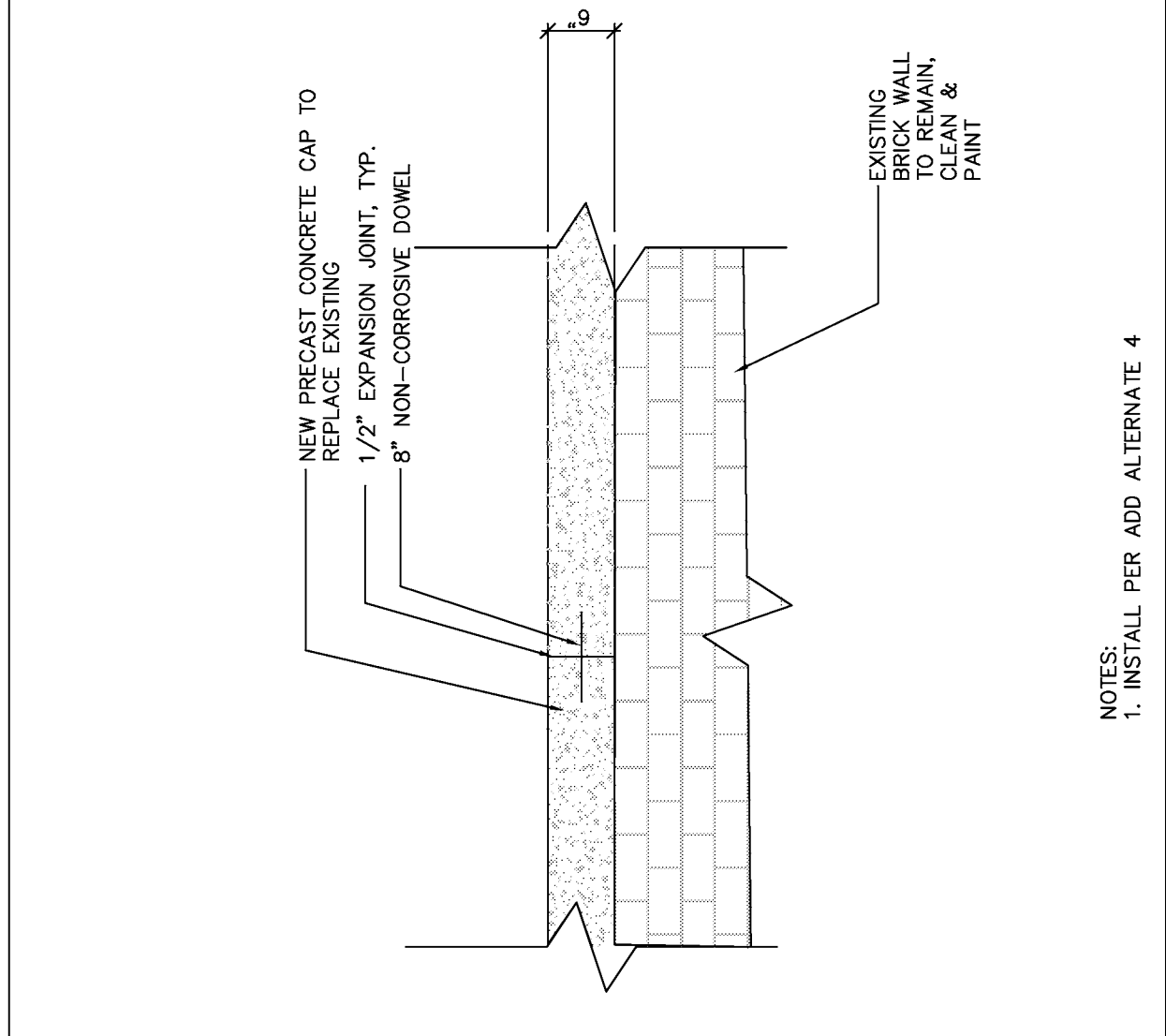
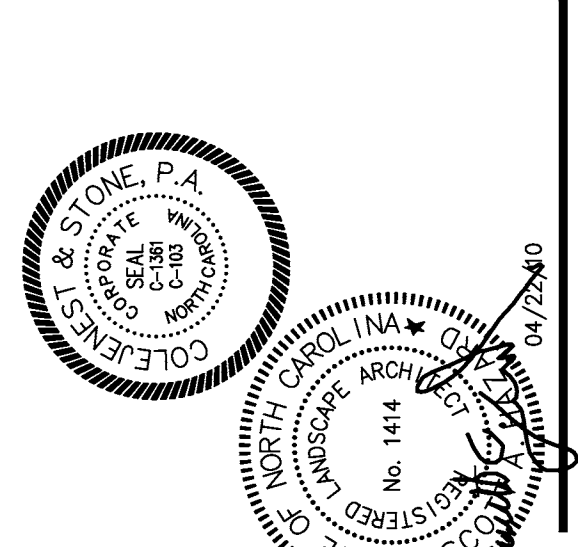
MATERIALS & HARDSCAPE

PROJECT NUMBER:
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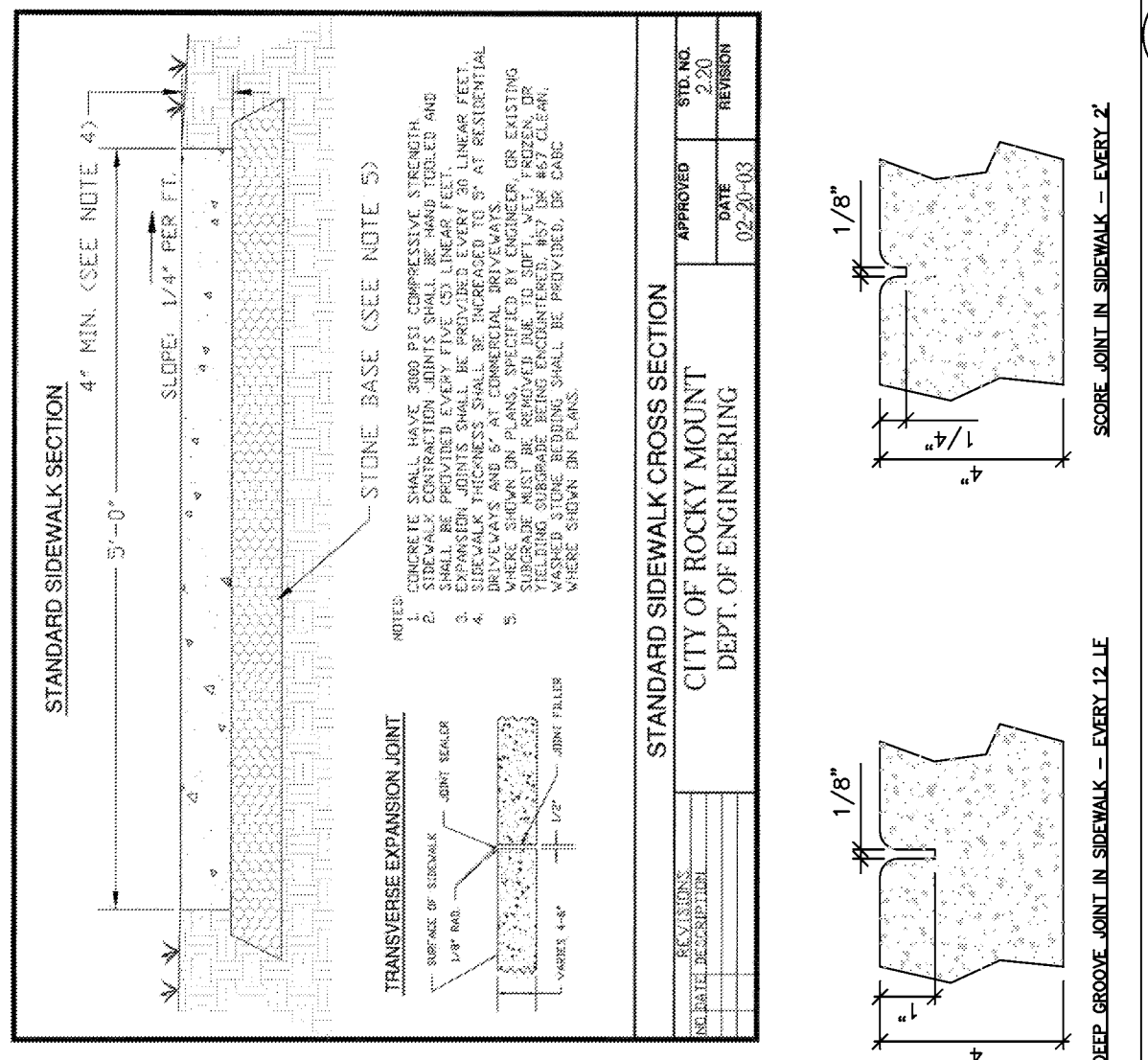
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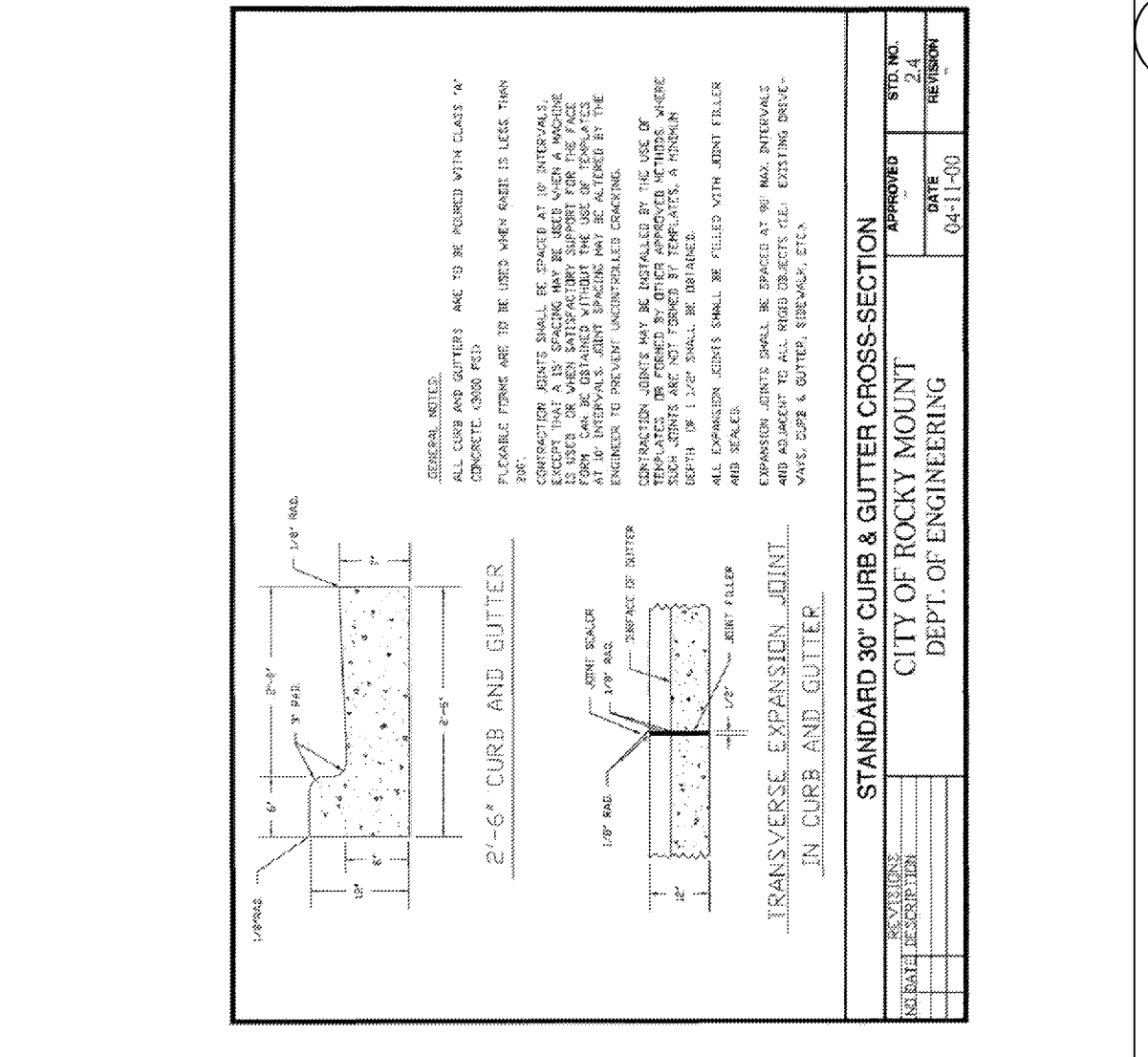
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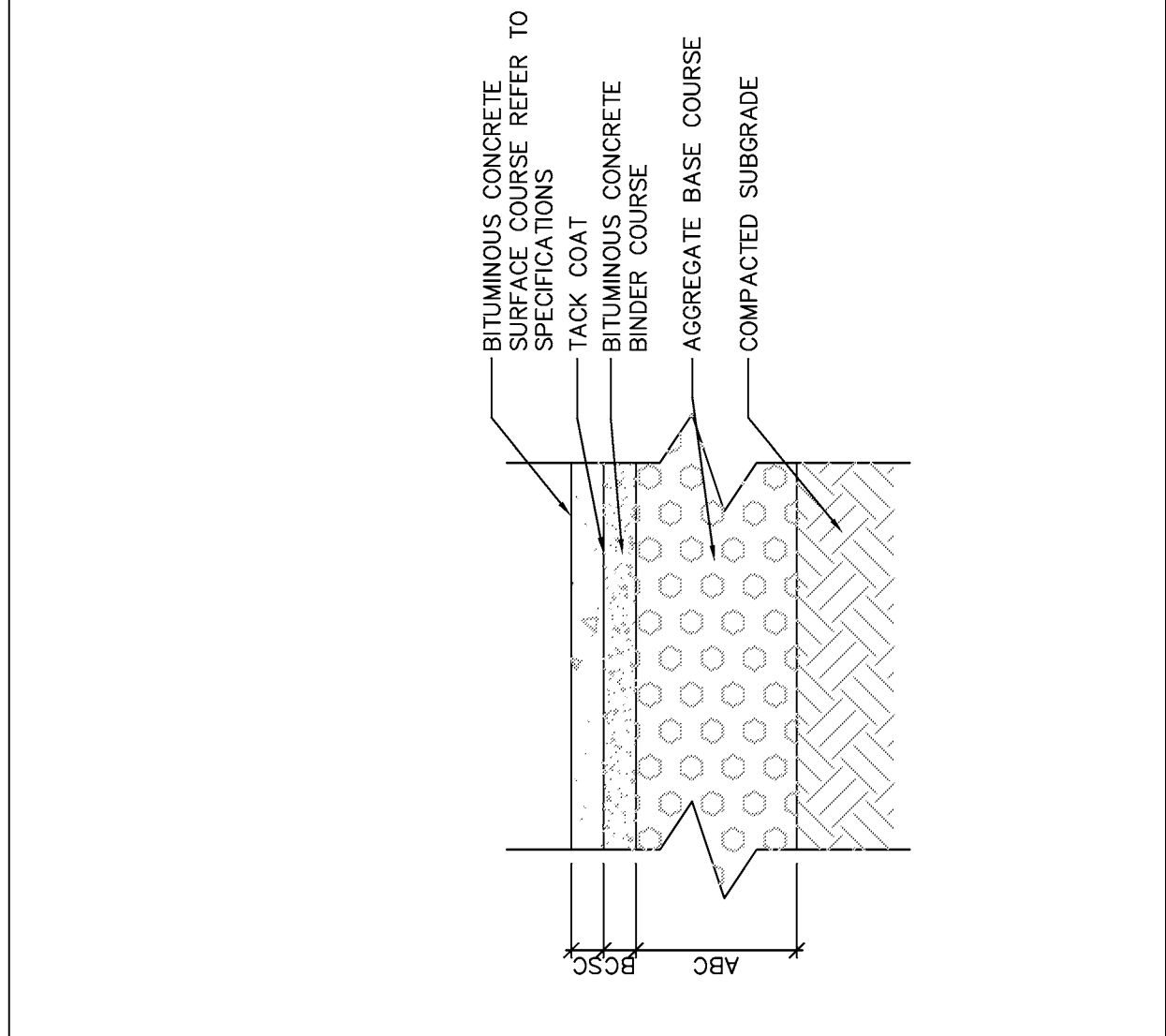
CONCRETE CAP FOR EXISTING WALL NTS. 3



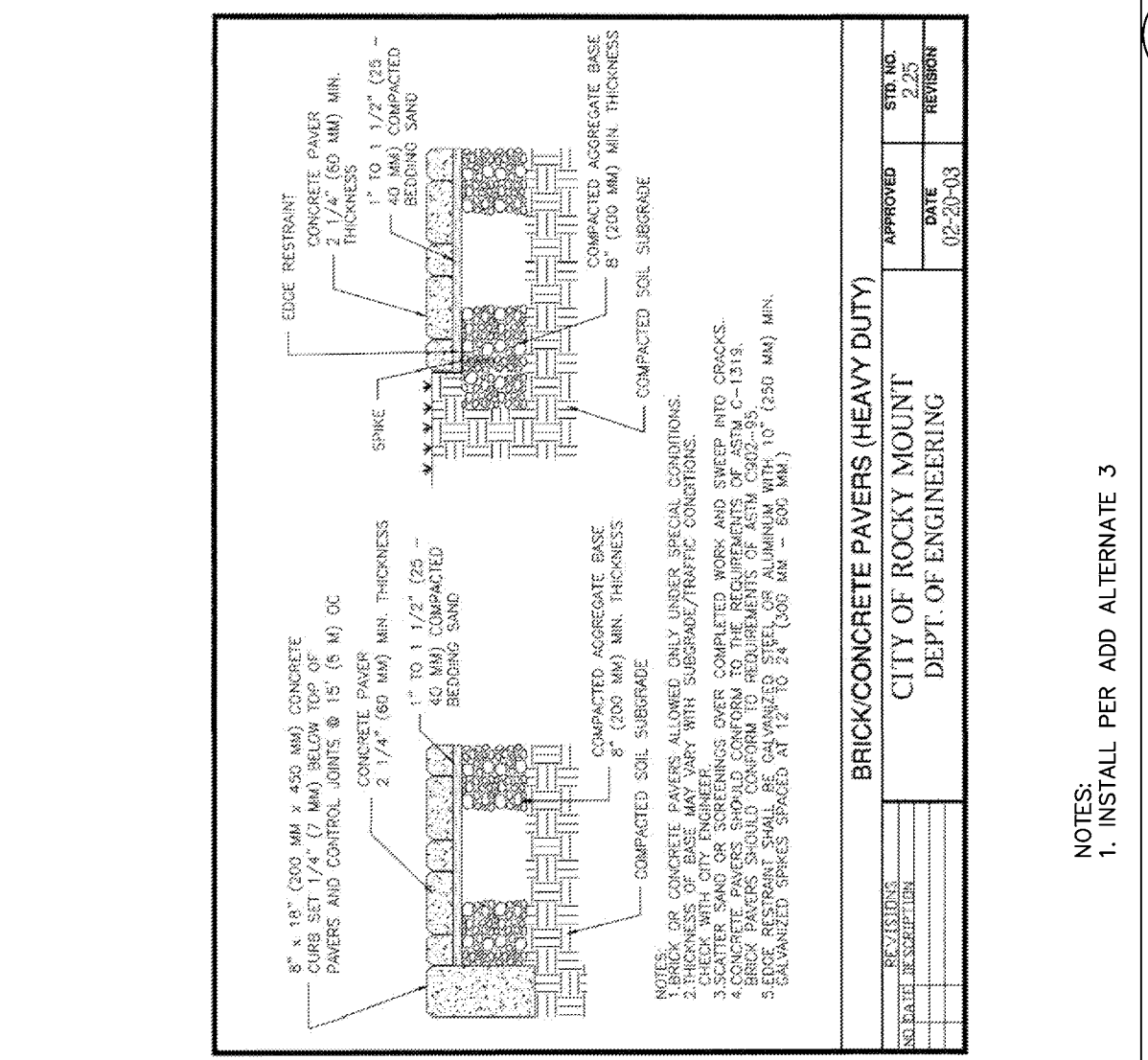
CONCRETE SIDEWALK NTS. 2



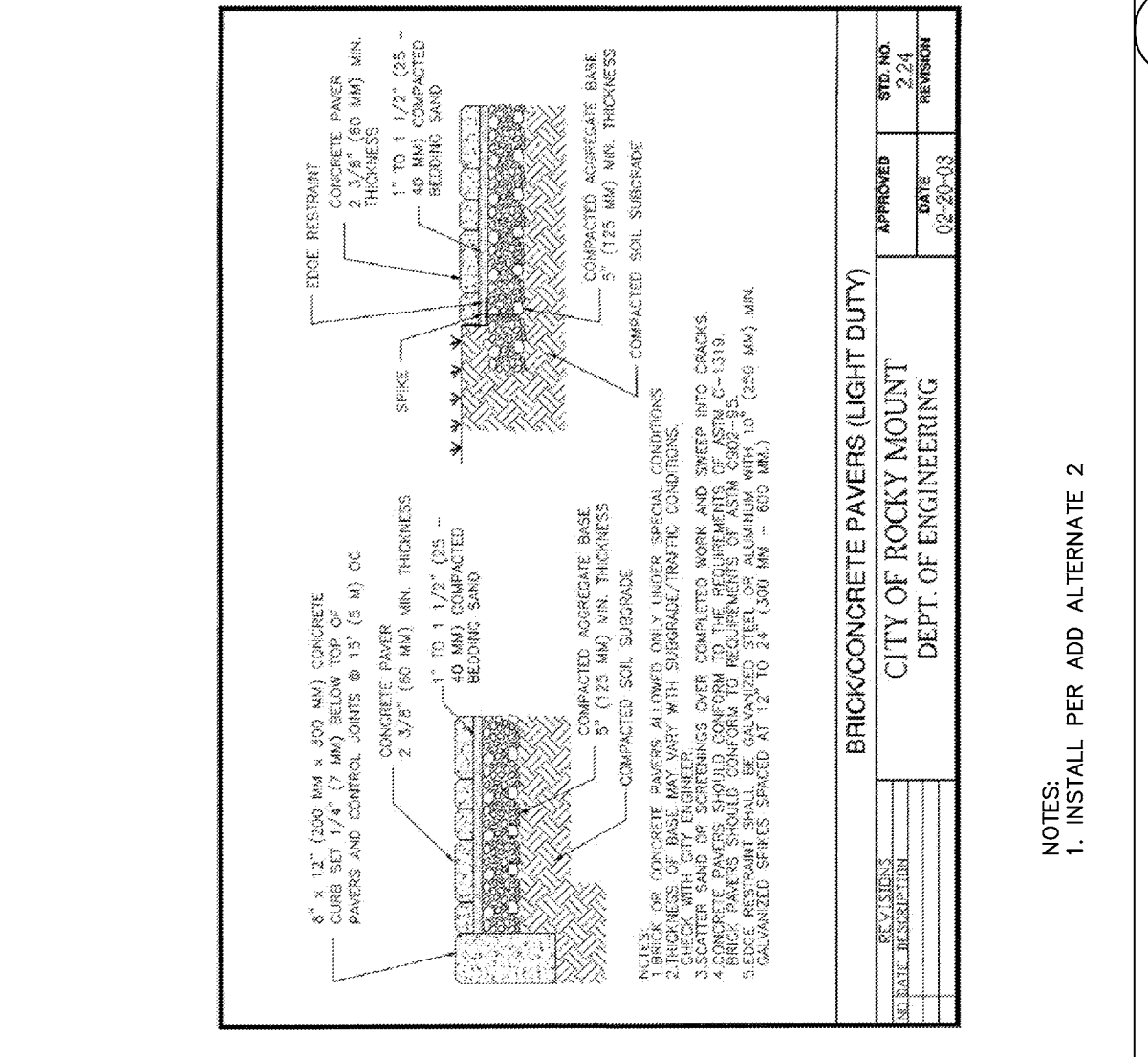
CONCRETE CURB AND GUTTER NTS. 1



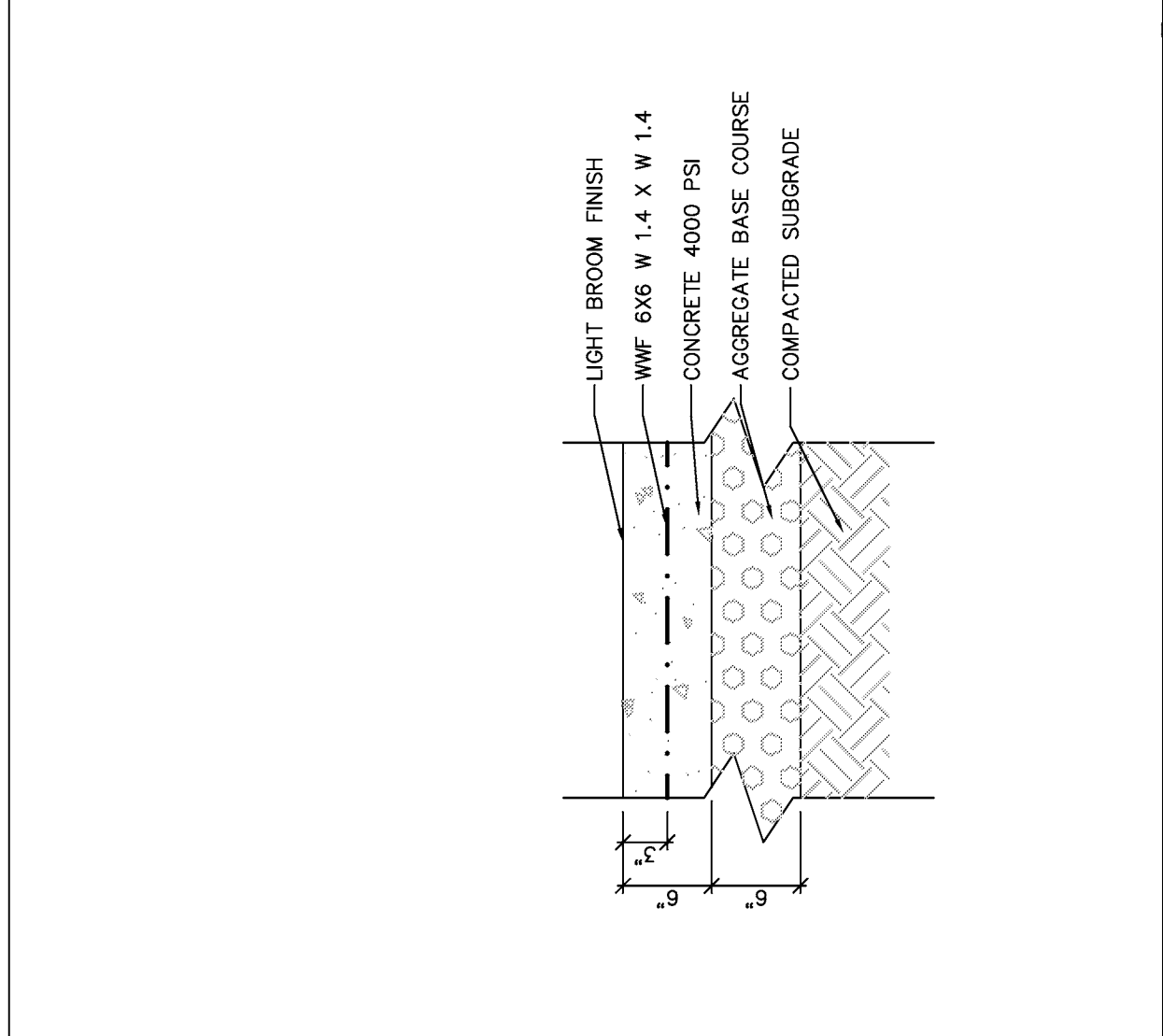
HEAVY DUTY ASPHALT PAVING NTS. 6



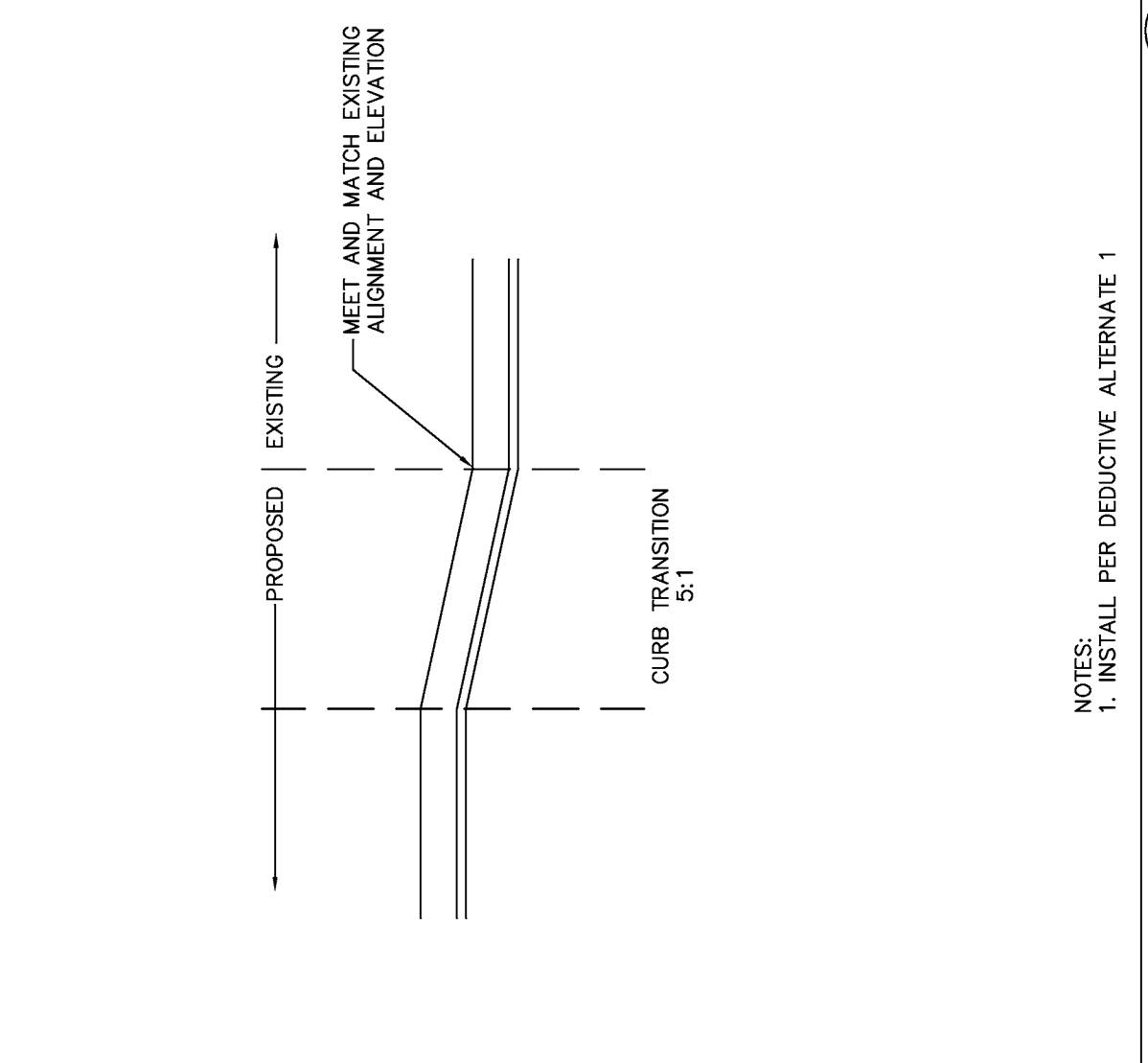
VEHICULAR BRICK PAVERS NTS. 5



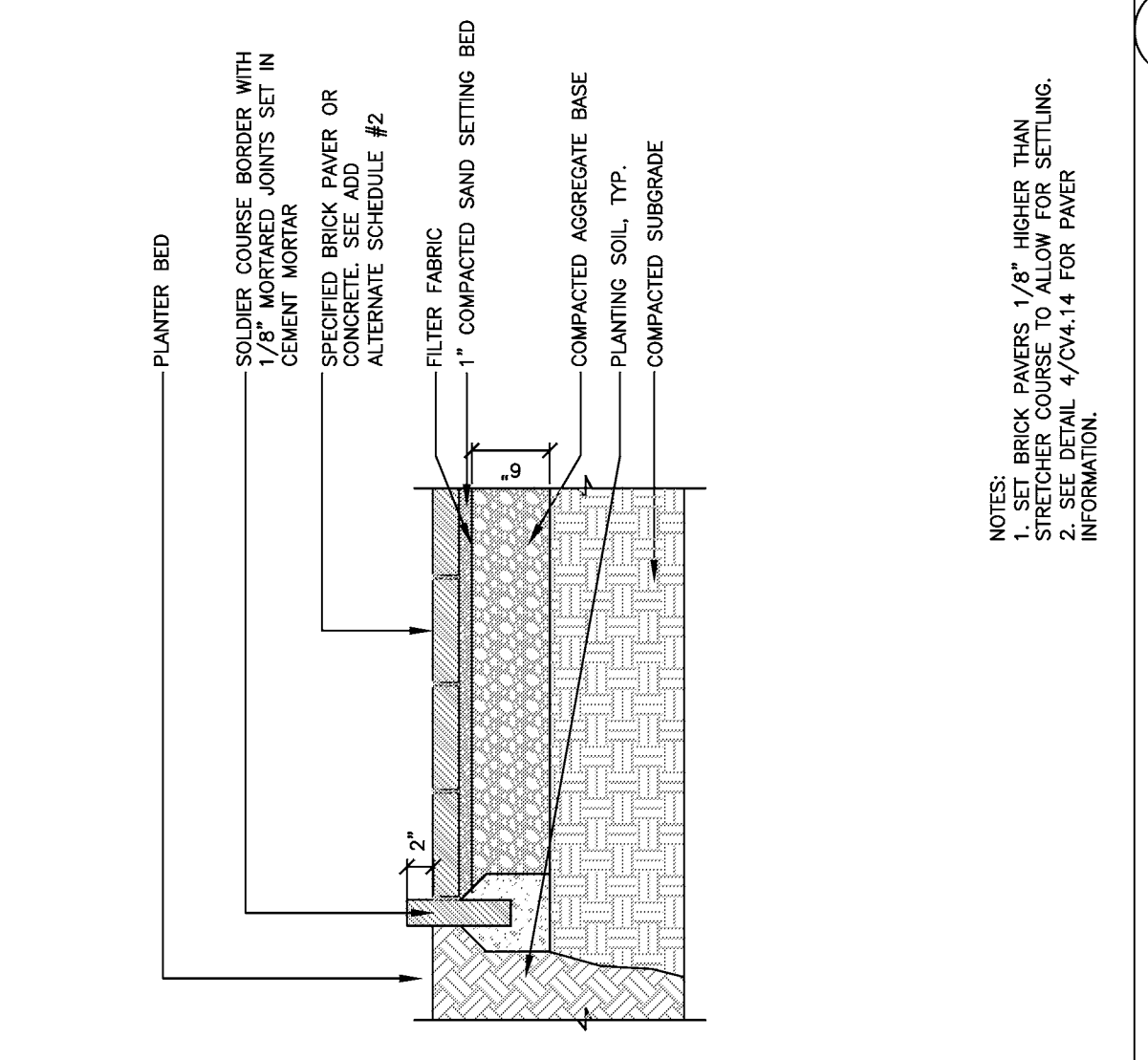
PEDESTRIAN BRICK PAVERS NTS. 4



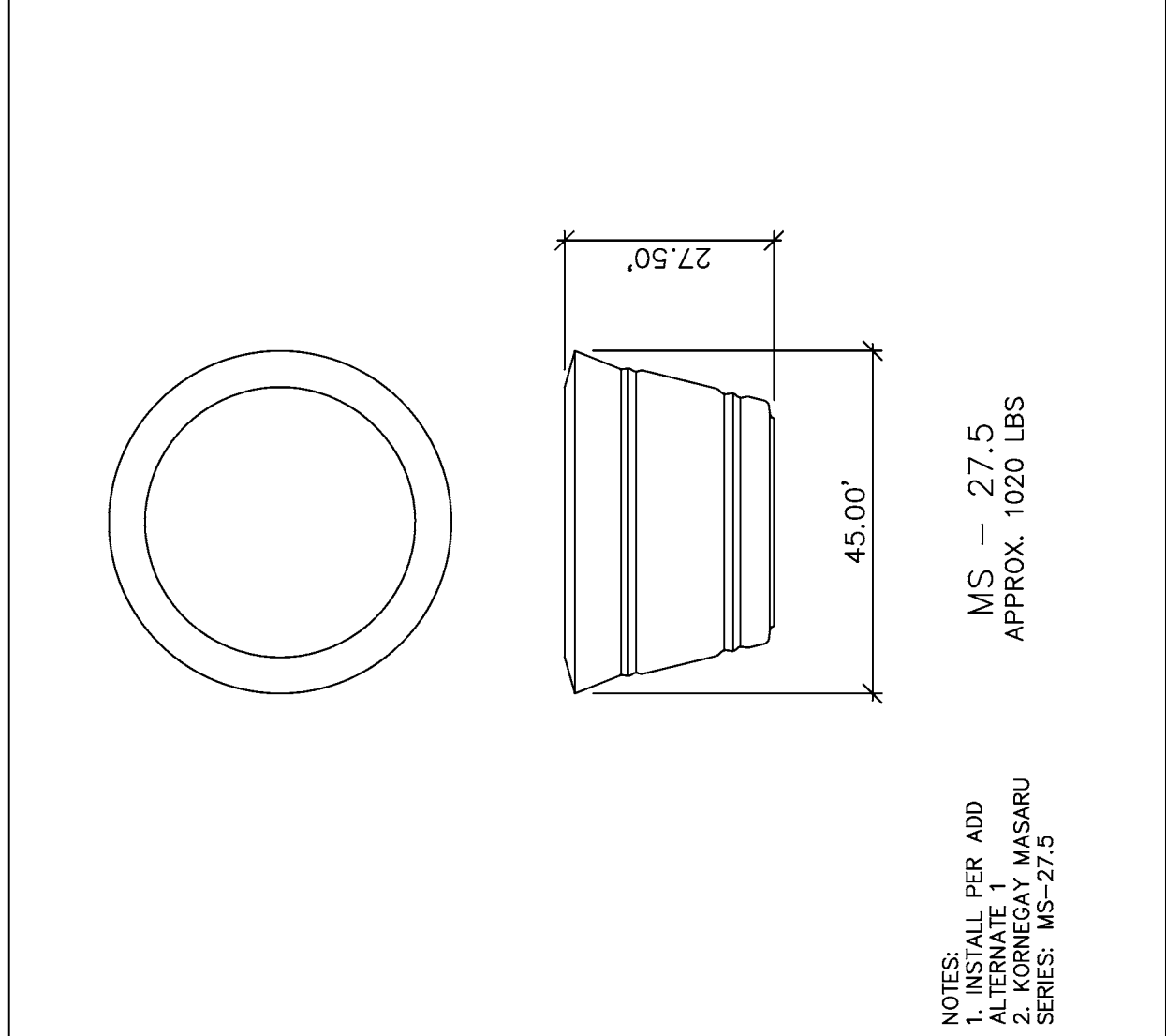
HEAVY DUTY CONCRETE PAVING NTS. 9



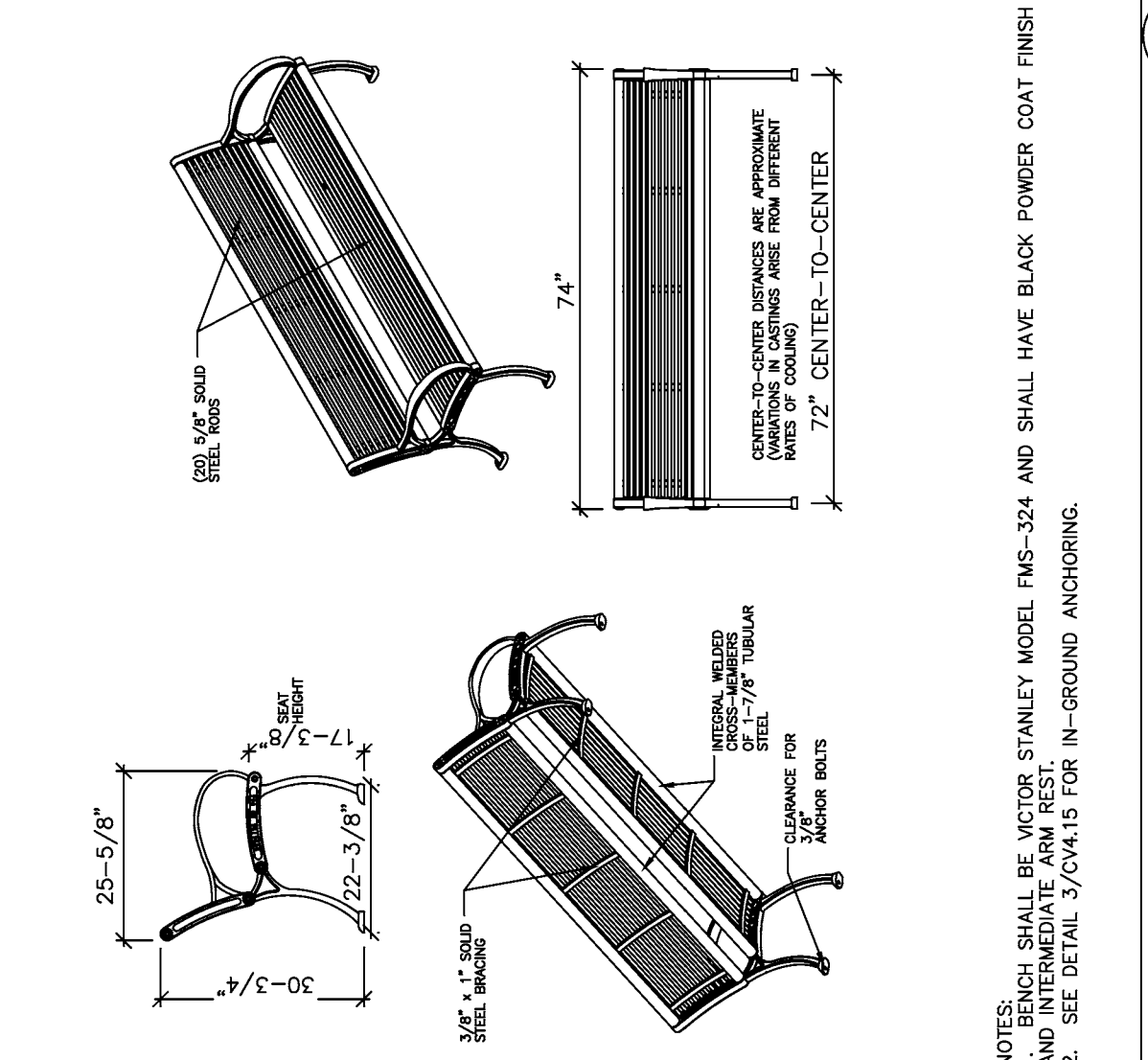
CURB TRANSITION NTS. 8



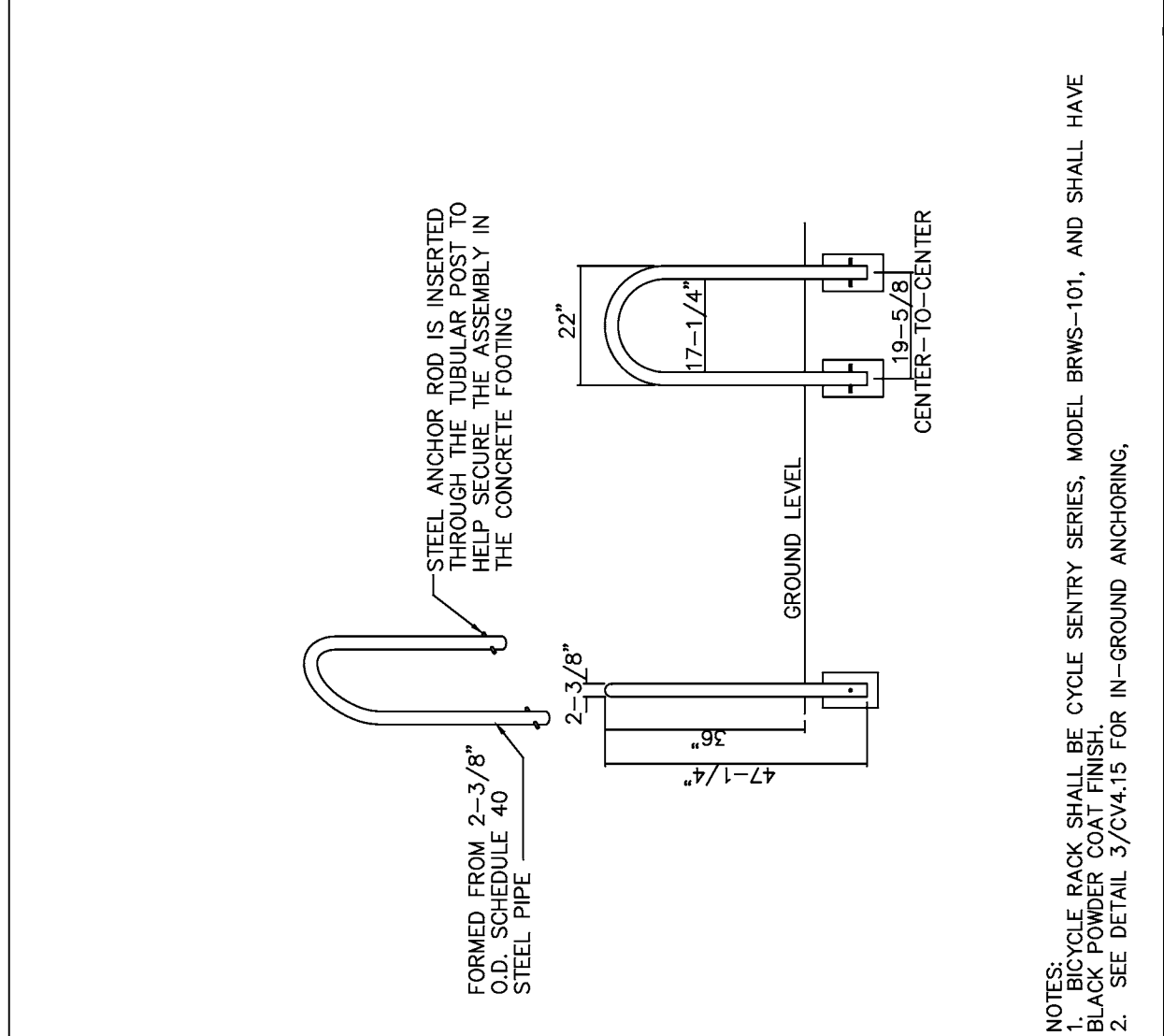
PLANTER EDGE NTS. 7



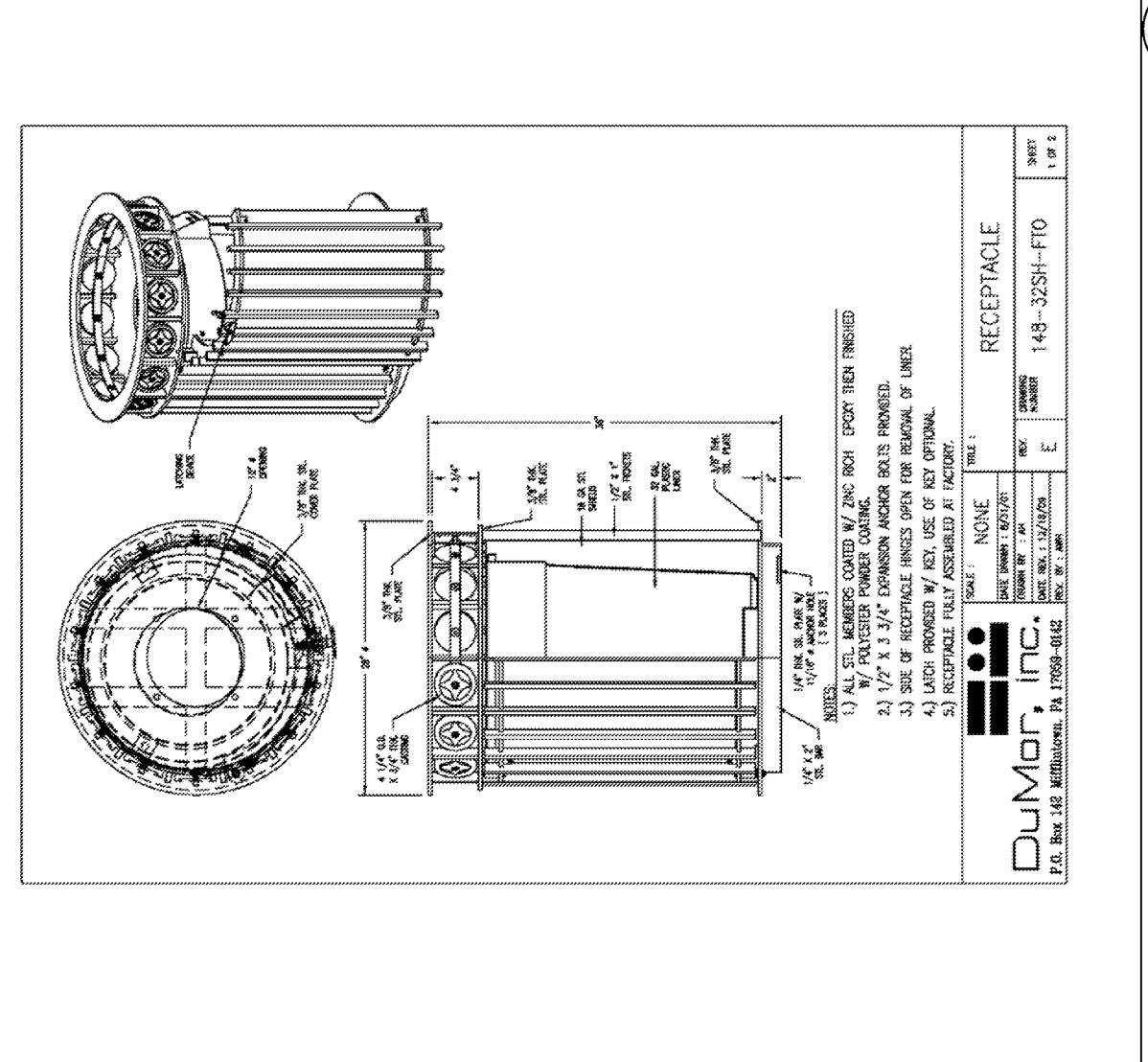
PLANTER POTS NTS. 11



BENCH NTS. 10



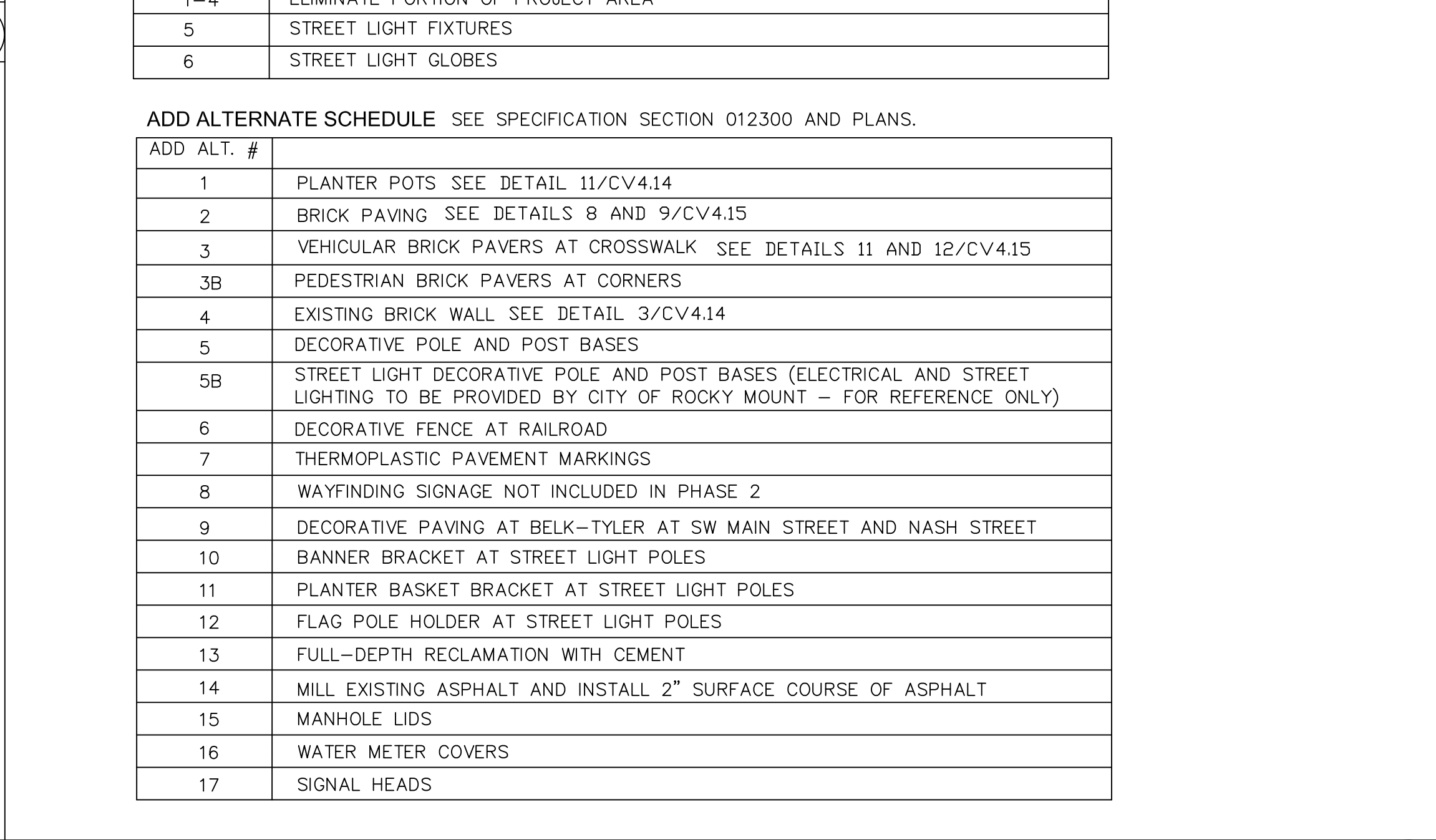
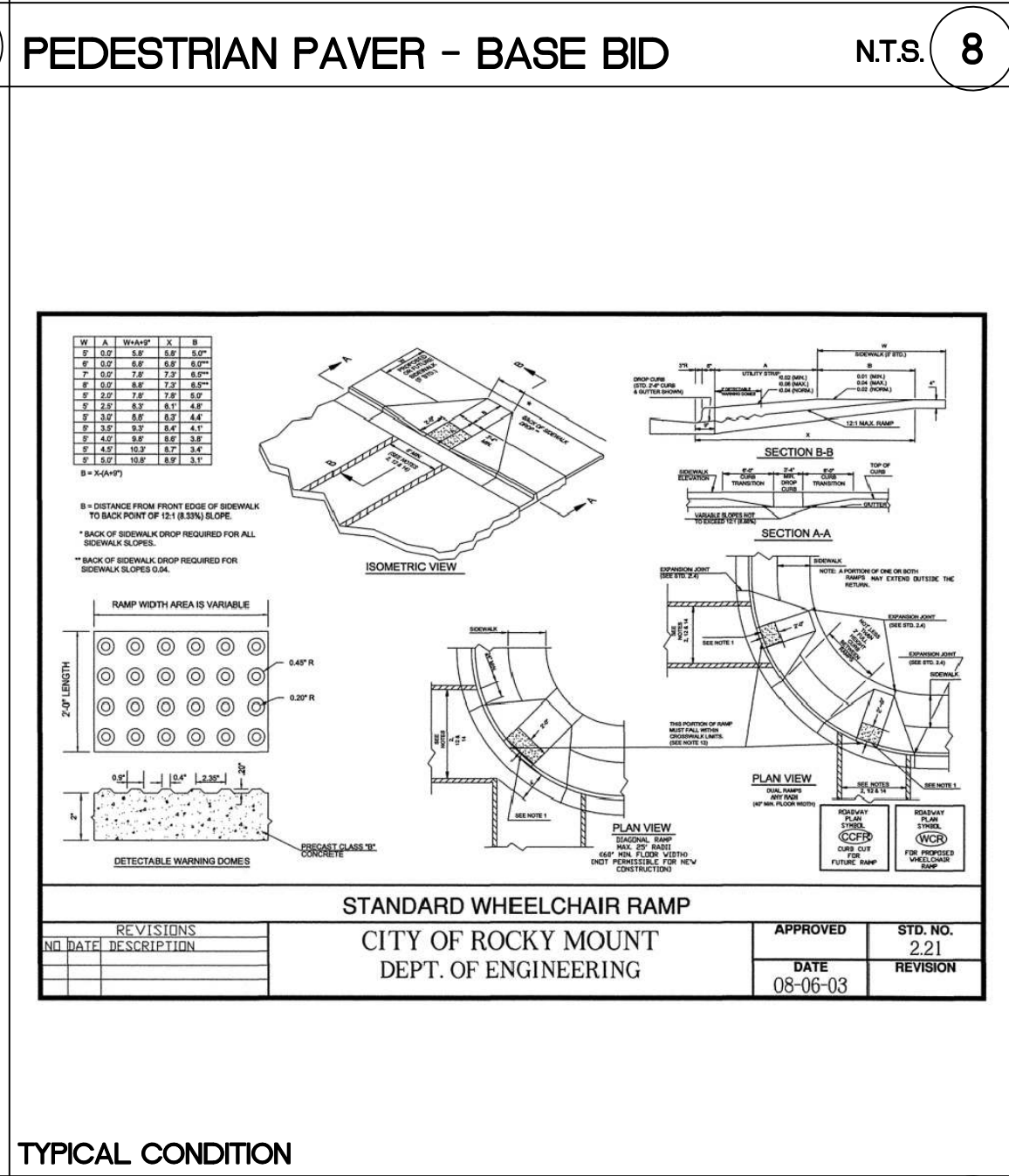
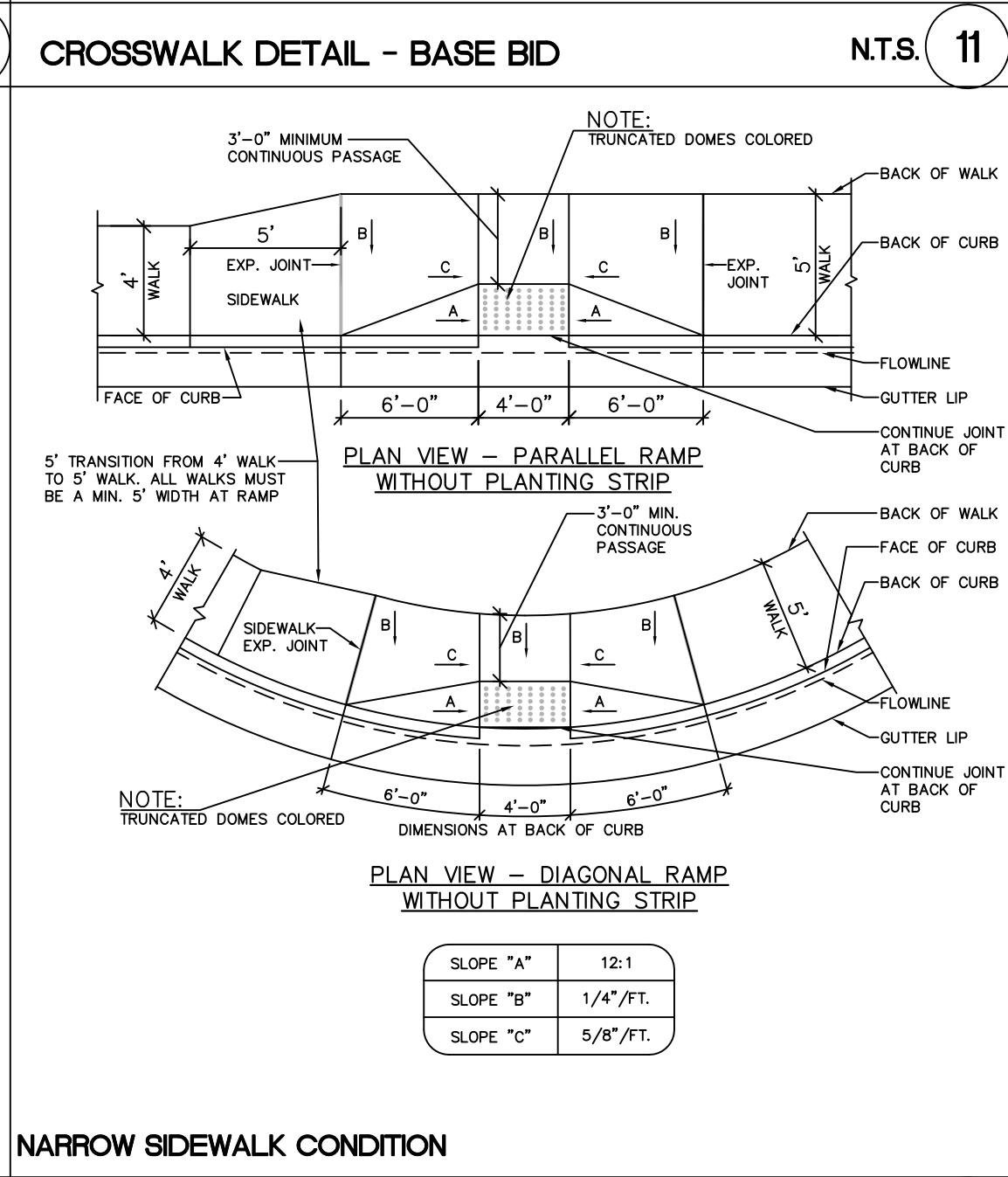
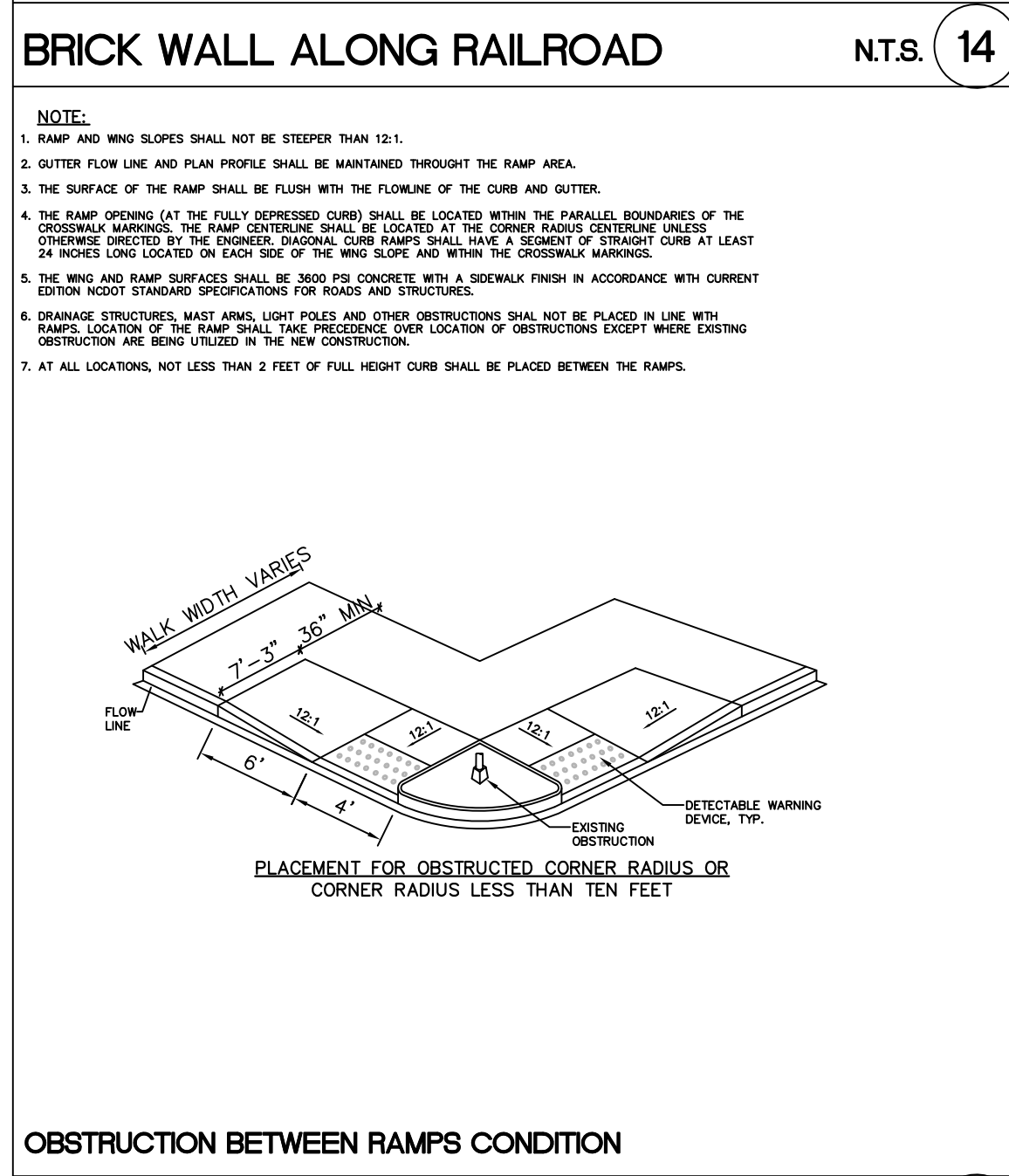
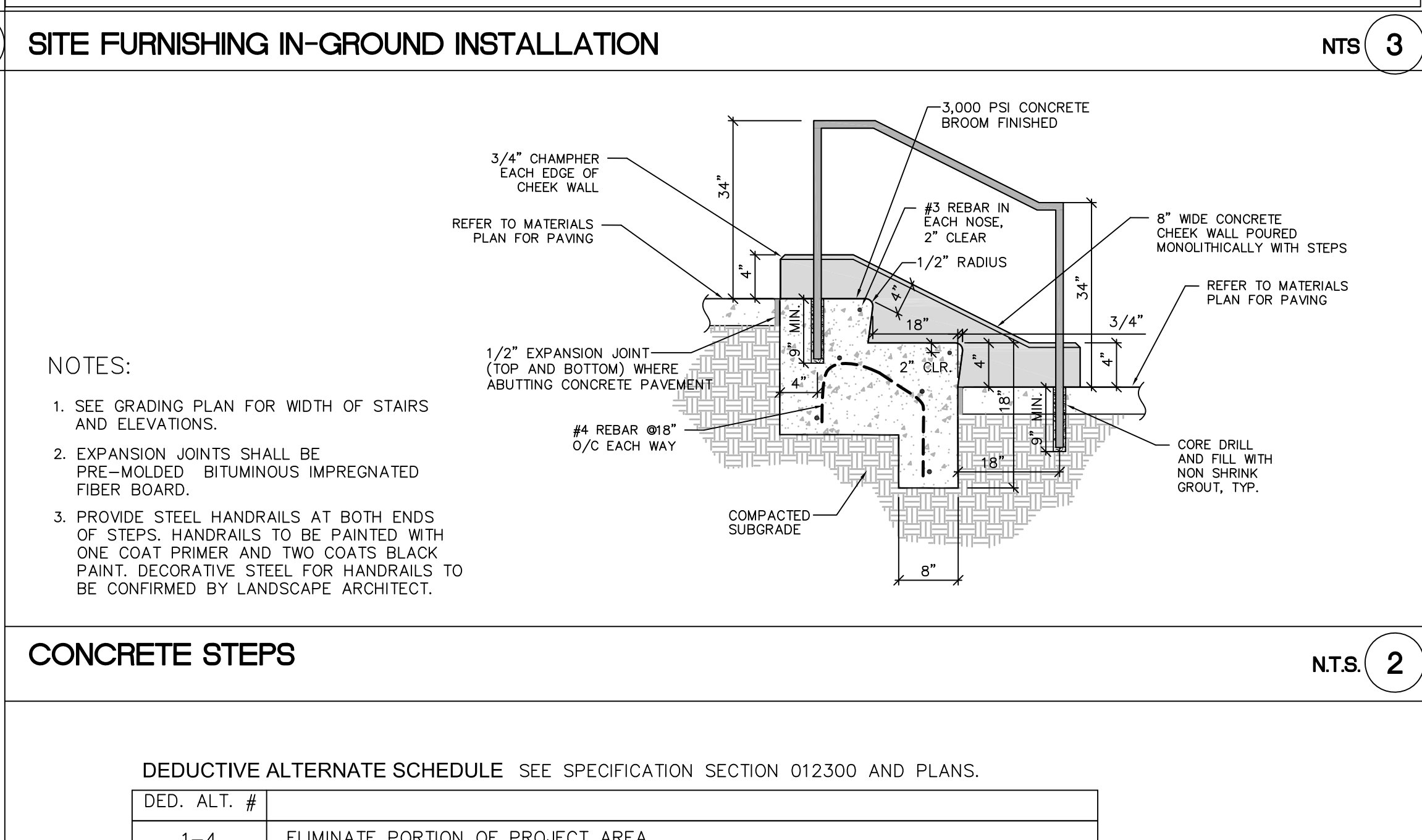
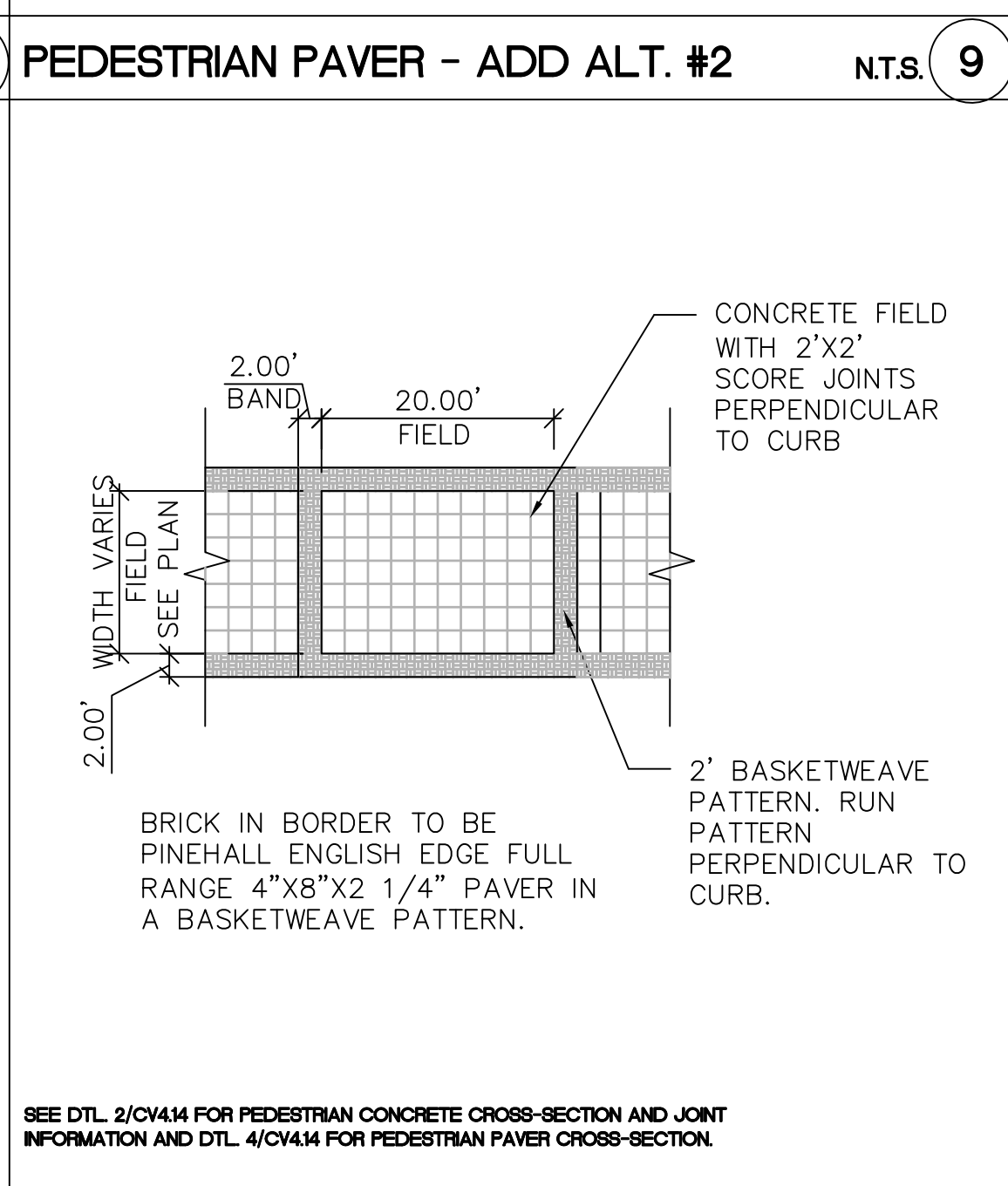
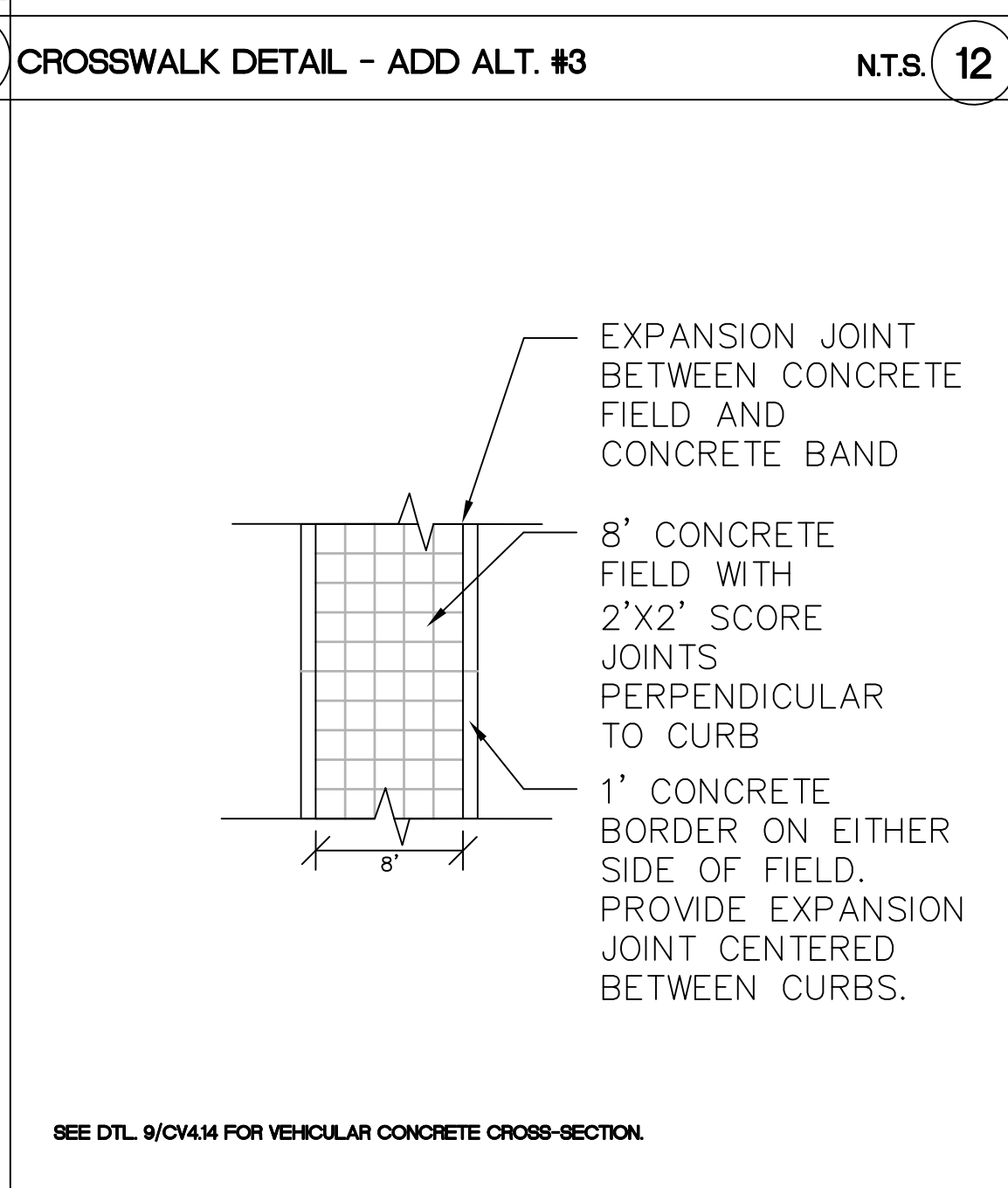
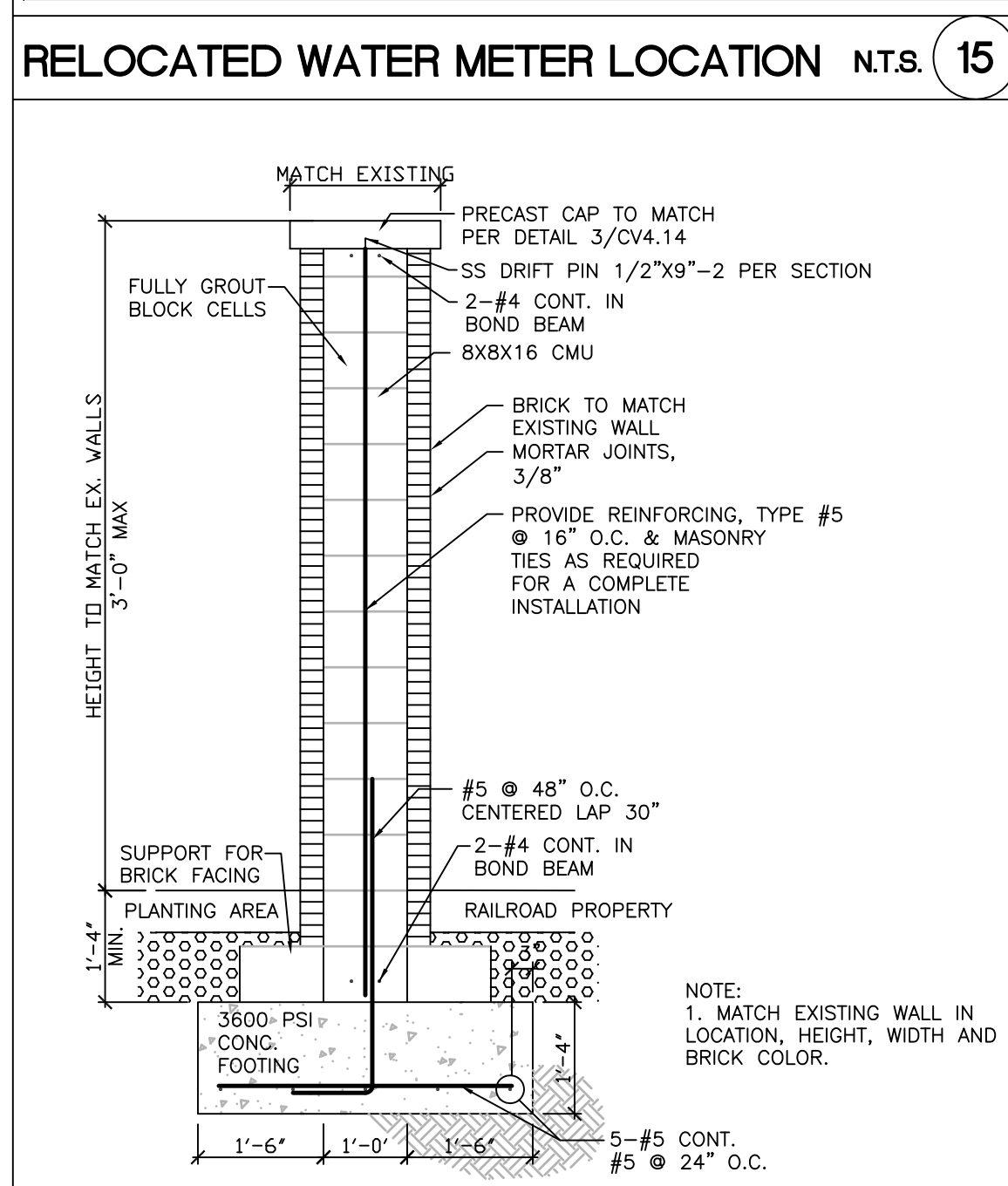
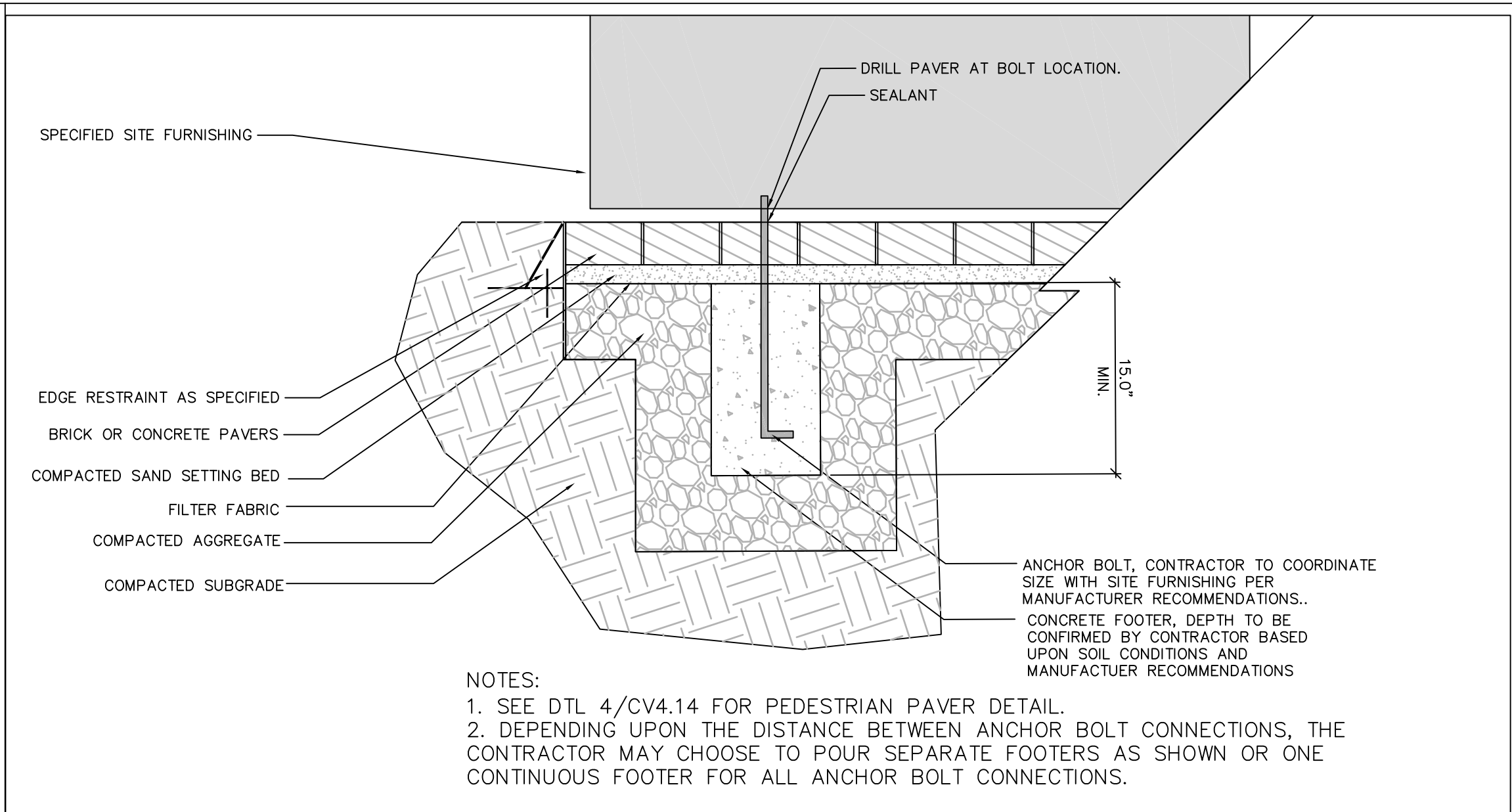
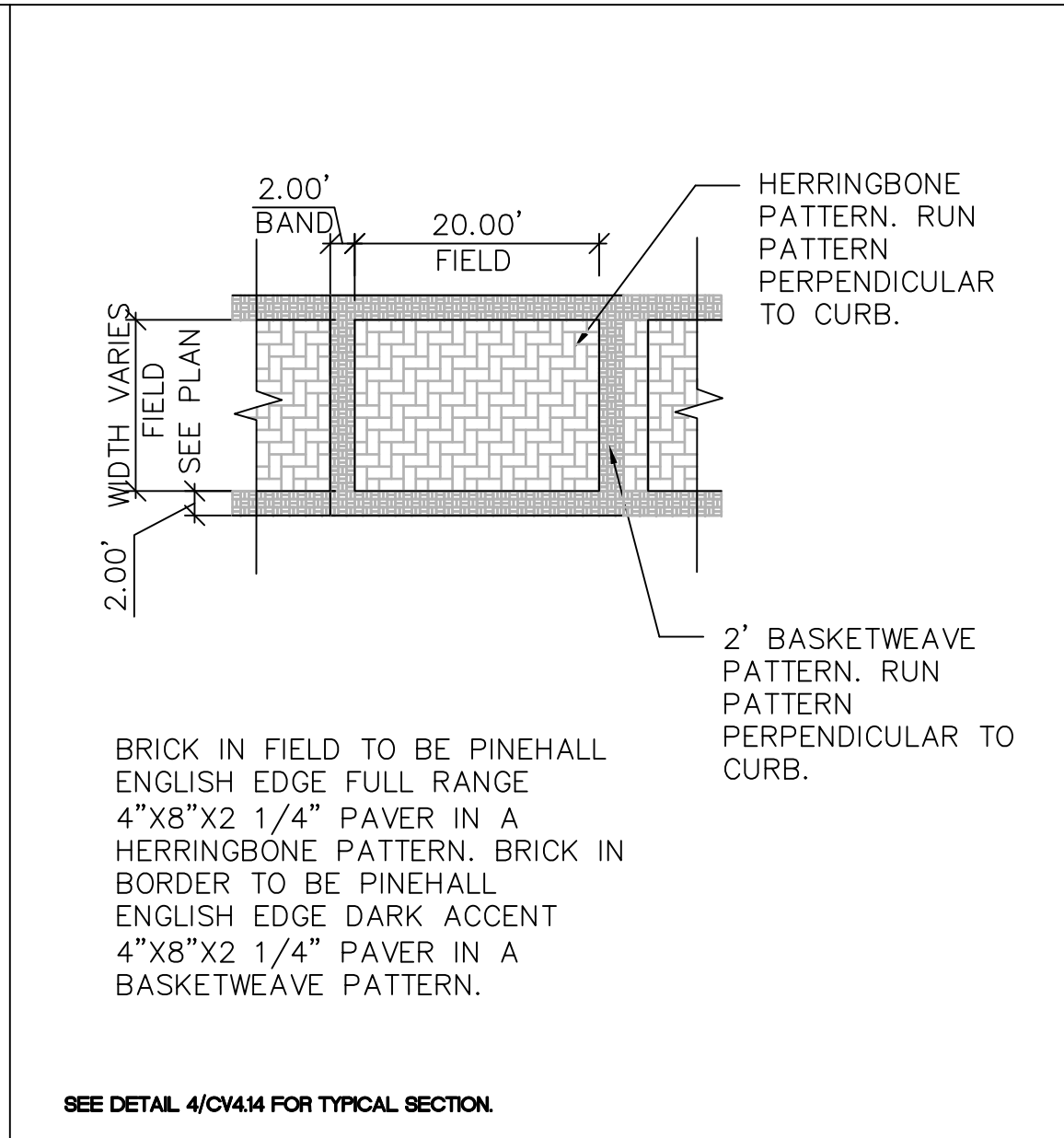
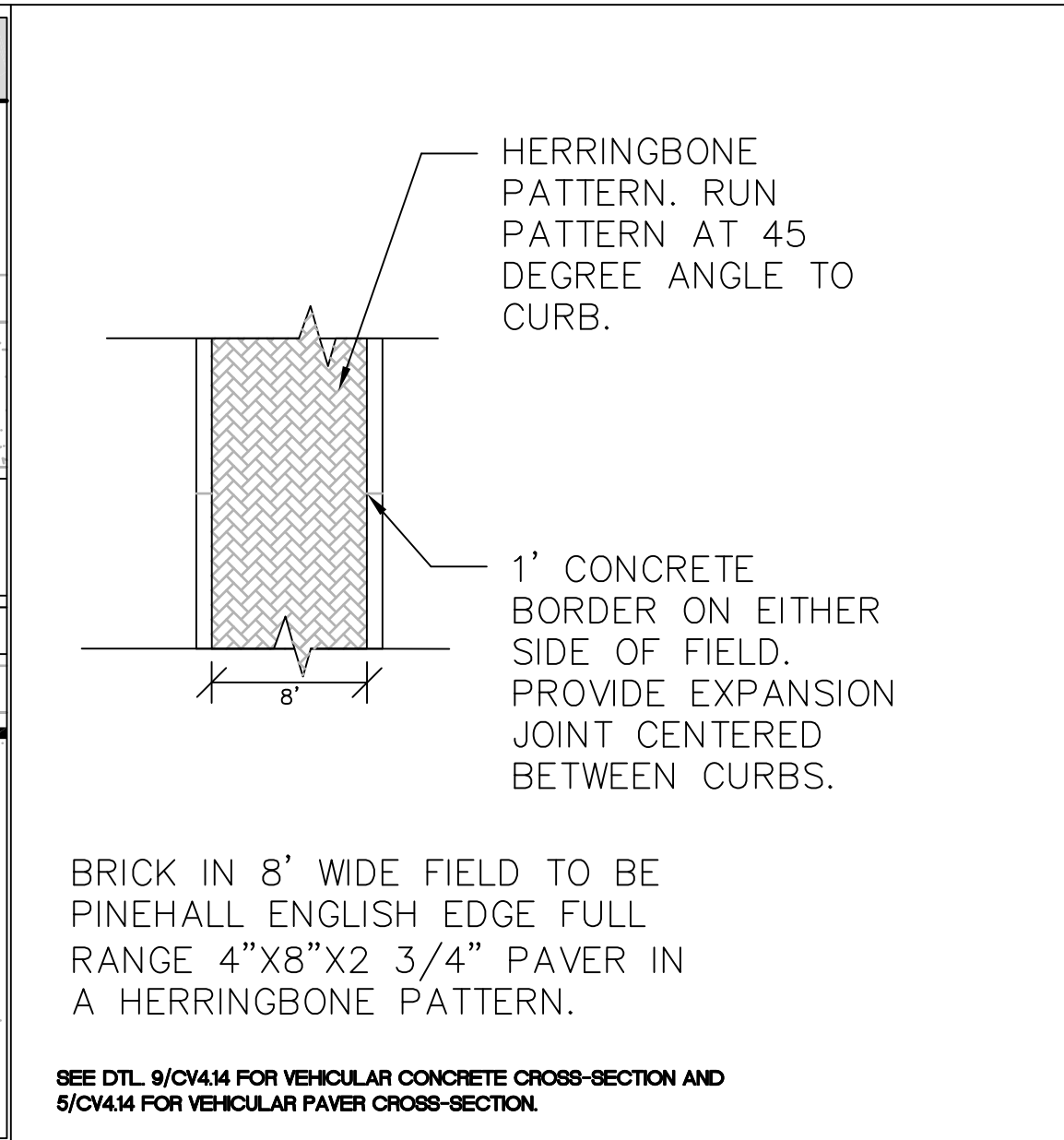
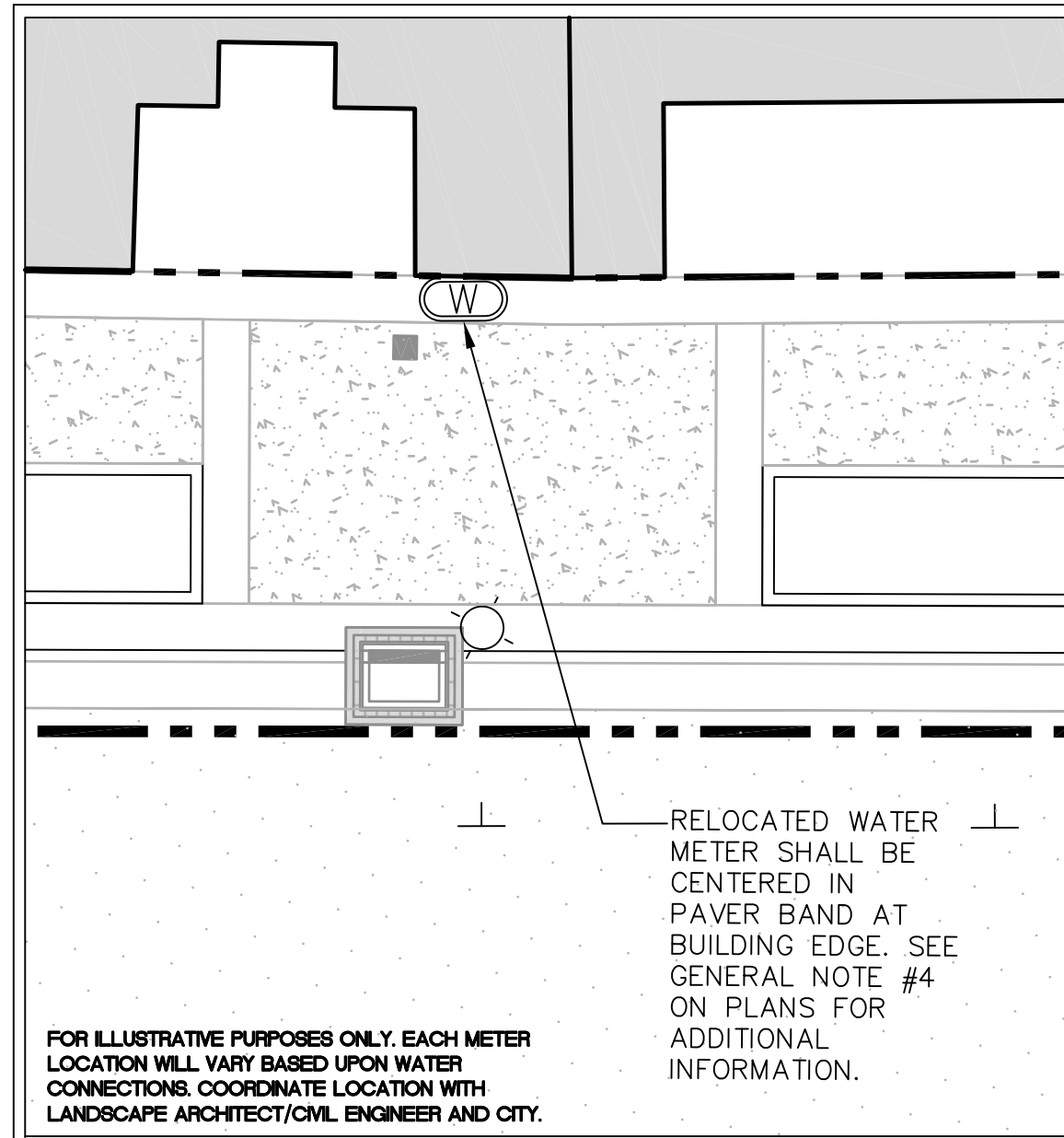
BICYCLE PARKING RACK NTS. 13



TRASH RECEPTACLE NTS. 12

MATERIALS/FURNISHINGS SCHEDULE

SYMBOL	PRODUCT	SPECIFICATIONS	QUANTITY	MANUFACTURER
□	BENCH	MODEL FMS-324 INSTALL PER MANUFACTURER'S SPECIFICATIONS FOR IN-GROUND INSTALLATION, REFERENCE DETAIL 10/CV4.14.	(46) - 6" BENCH	VICTOR STANLEY, INC. P.O. DRAWER 330 DUNKIRK, MD 20764 410.257.7579 FAX 800.368.2573 PHONE
□	BICYCLE PARKING RACK	MODEL BRWS-101, CYCLE SENTRY SERIES - BLACK POWDER COAT FINISH/INSTALL PER MANUFACTURER'S SPECIFICATIONS, REFERENCE DETAIL 13/CV4.14.	10	SECURE SITE DESIGN LLC. P.O. BOX 60910 POTOMAC, MD 20869 410.479.0175 FAX 410.286.3375 PHONE INFO@SECURESITEDESIGN.COM
○	TRASH RECEPTACLE	MODEL 148-32, 32-GALLON LITTER AND RECYCLING RECEPTACLES, BLACK POWDER COAT FINISH, INSTALL PER MANUFACTURER'S SPECIFICATIONS, REFERENCE DETAIL 12/CV4.14.	30	DUMOR, INC. MIFLINTOWN, PA 17059 717.436.9839 FAX 800.598.4018 PHONE
○	PLANTER POTS	KORNEGAY MASARU SERIES, MS-27.5 (45" DIAMETER X 27.5" HEIGHT) INSTALL PER MANUFACTURER'S RECOMMENDATIONS WITH 1" DRAINAGE HOLE, COLOR TBD BY LANDSCAPE ARCHITECT, REFERENCE DETAIL 11/CV4.14.	35	KORNEGAY DESIGN 212 SOUTH 18TH STREET PHOENIX, AZ 85034 602.252.6322 FAX 277.252.6323 PHONE
□	ADA TREE GRATES (LOCATED ON THOMAS STREET)	MODEL R-8707, 60"x60", INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	16	NEENAH FOUNDRY 2121 BROOKS AVE NEENAH, WI 54956 920-729-3661 FAX 800-558-5075 PHONE
□	TRENCH DRAINS (AS SHOWN ON PLAN)	TYPE 479, 4.84" WIDE X 19.69" LONG, CLASS C, DUCTILE IRON, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	55 (19.69" SEGMENTS)	ACO PO BOX 245 CHARDON, OH 44024 800-285-7005 FAX 800-543-4764 PHONE



WHEELCHAIR RAMP OPTION 3 N.T.S. 13

WHEELCHAIR RAMP OPTION 2 N.T.S. 10

WHEELCHAIR RAMP OPTION 1 N.T.S. 7

SITE FURNISHING IN-GROUND INSTALLATION N.T.S. 3



STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS NOTES

MATERIALS & HARDSCAPE

PROJECT NUMBER:

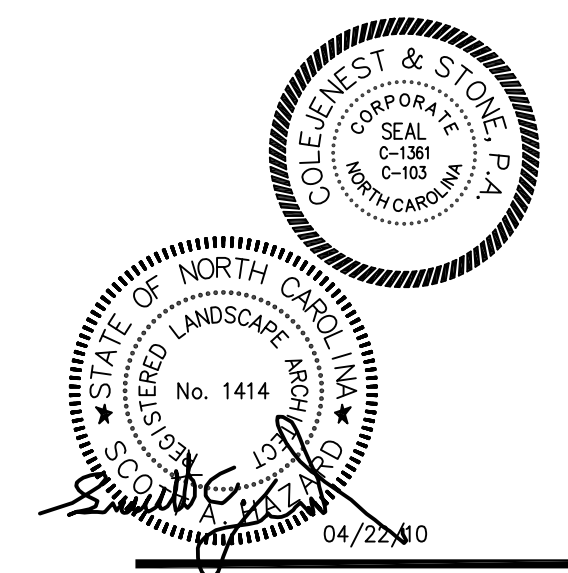
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REVISED: # COMMENTS:

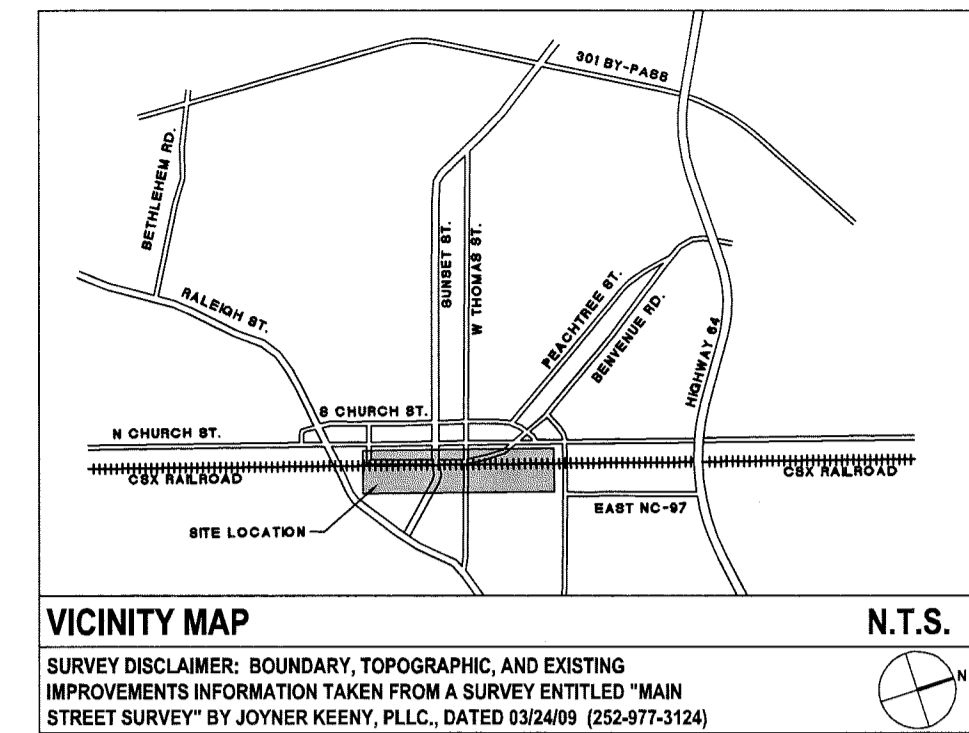
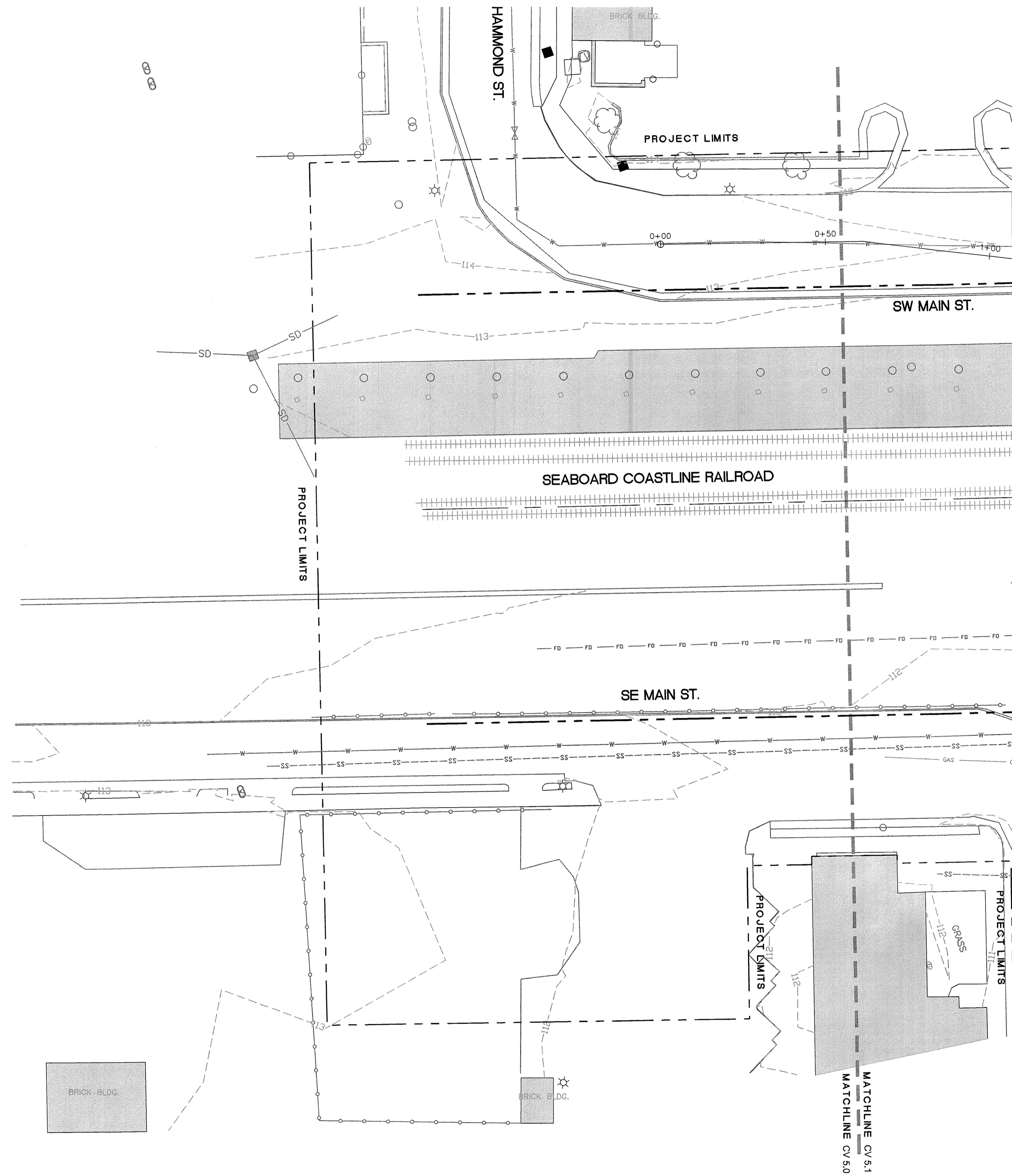
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CV 4.15

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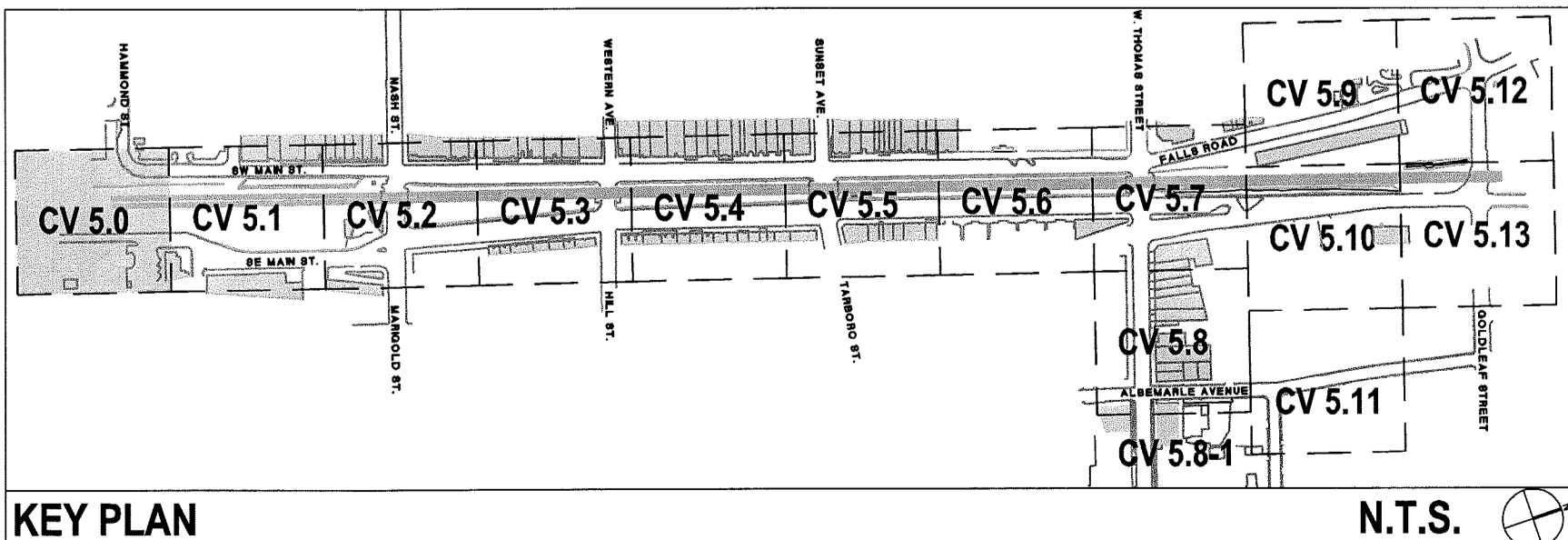
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LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR -/-
	PROPOSED INDEX CONTOUR -/-
	PROPOSED SPOT ELEVATION -/-
	PROPOSED HIGH POINT -/-
	PROPOSED DRAINAGE SWALE -/-
	EXISTING STORM DRAINAGE -/-
	PROPOSED STORM DRAINAGE 3, 7/CV5.14
	PROPOSED CATCH BASIN 9, 12/CV5.14
	PROPOSED STORM MANHOLE 2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION -/-
	PROPOSED CLEANOUT -/-
	PROPOSED AREA DRAIN 5/CV5.14
	PROPOSED TRENCH DRAIN 6/CV5.14

FOR REFERENCE ONLY
NO NEW WORK THIS SHEET



SEE SHEET CV 5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

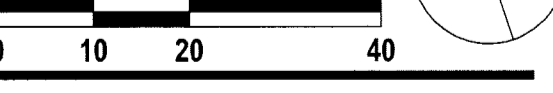
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Robert M. Babin
REGISTERED PROFESSIONAL ENGINEER
04/22/10

SCALE: 1"=20'

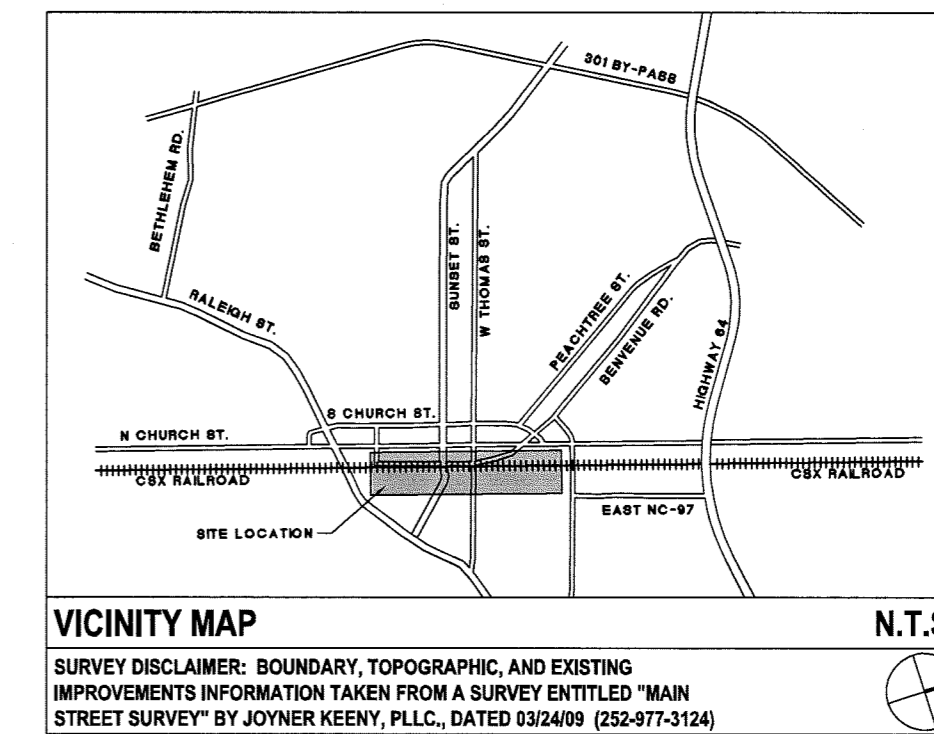
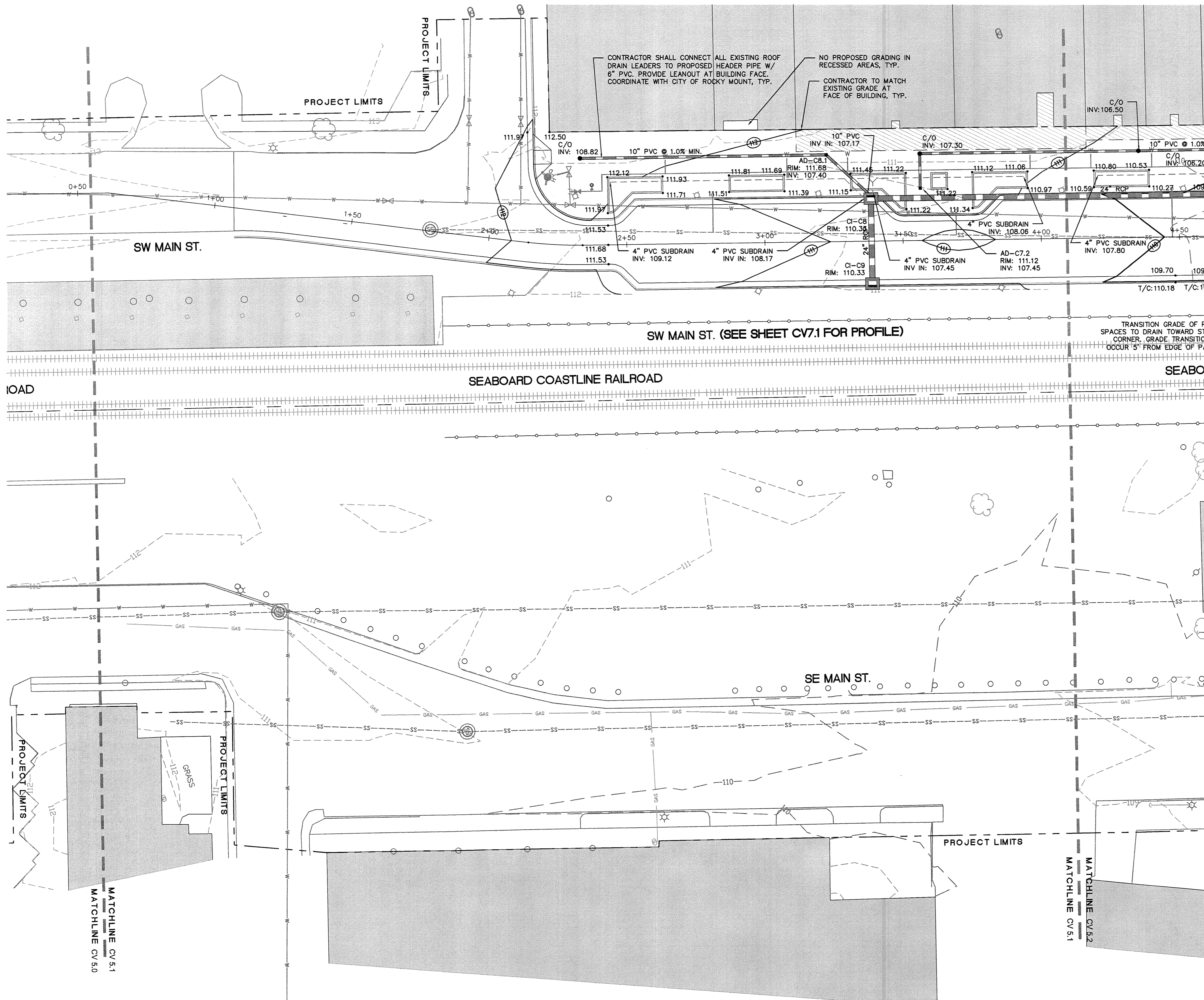


CV 5.0

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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

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	PROPOSED INDEX CONTOUR
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	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
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	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN

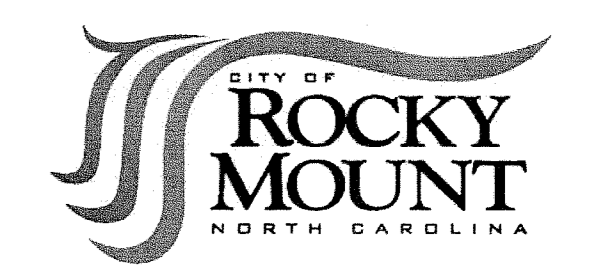
Harris & Associates, Inc.
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MORTAR&ink
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elm
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HNTB
Engineering & Construction

ColoJenest & Stone
Professional Engineering & Surveying



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

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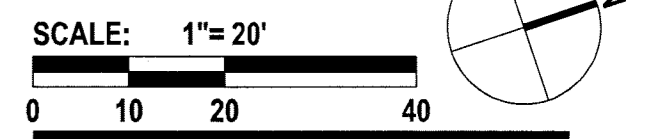
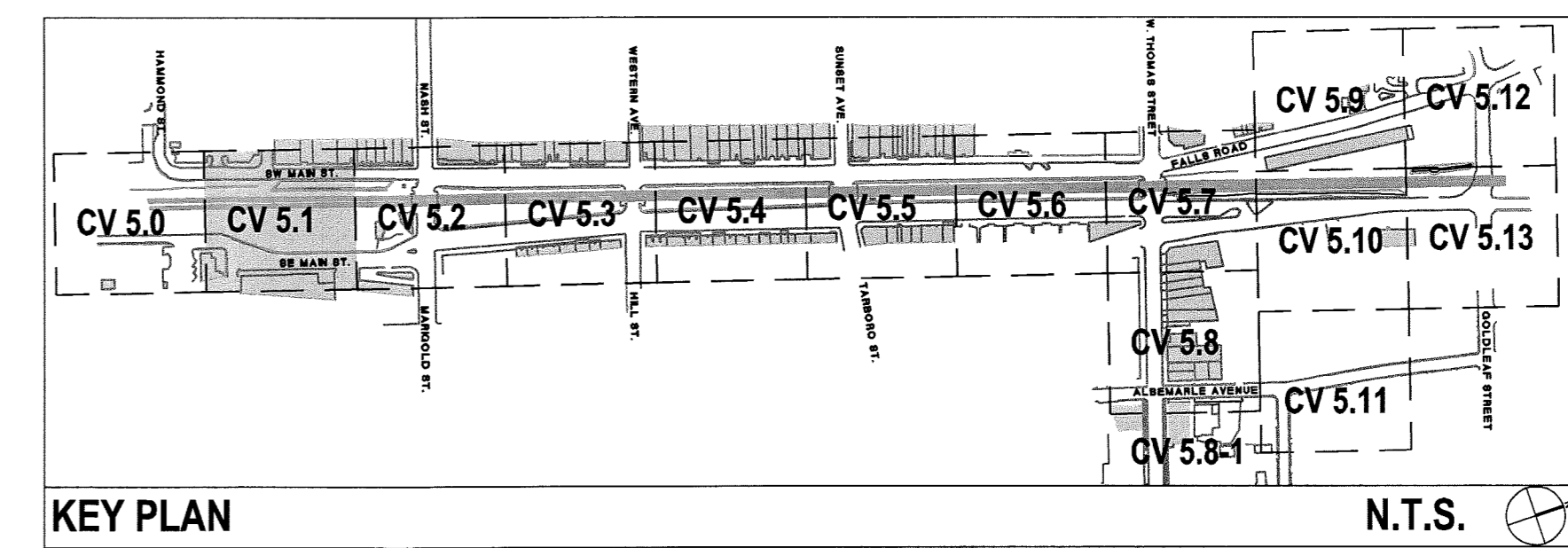
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SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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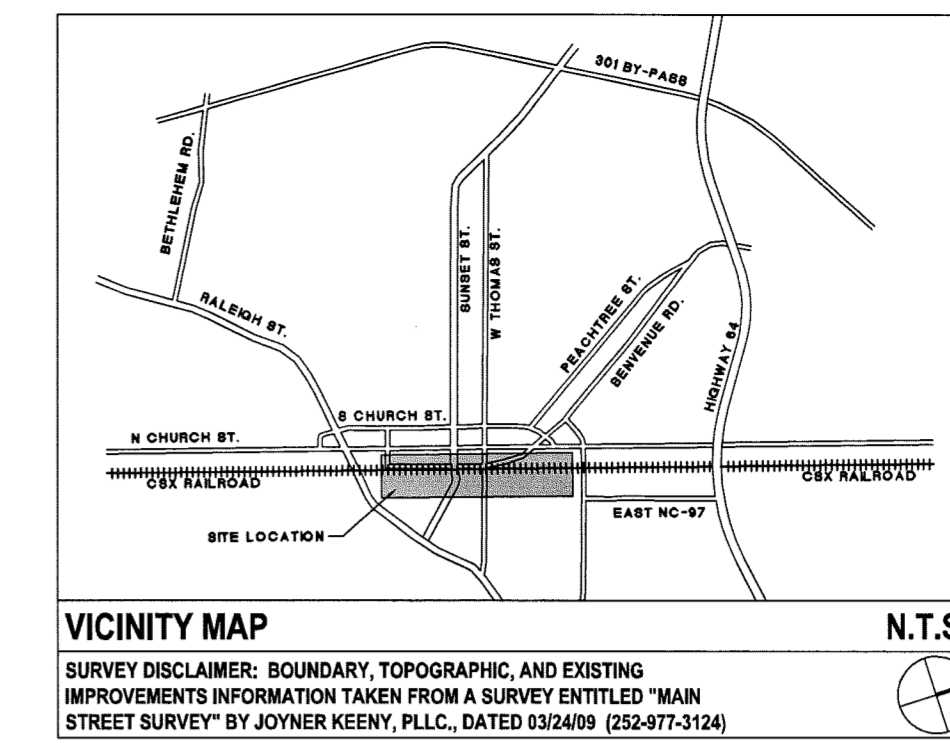
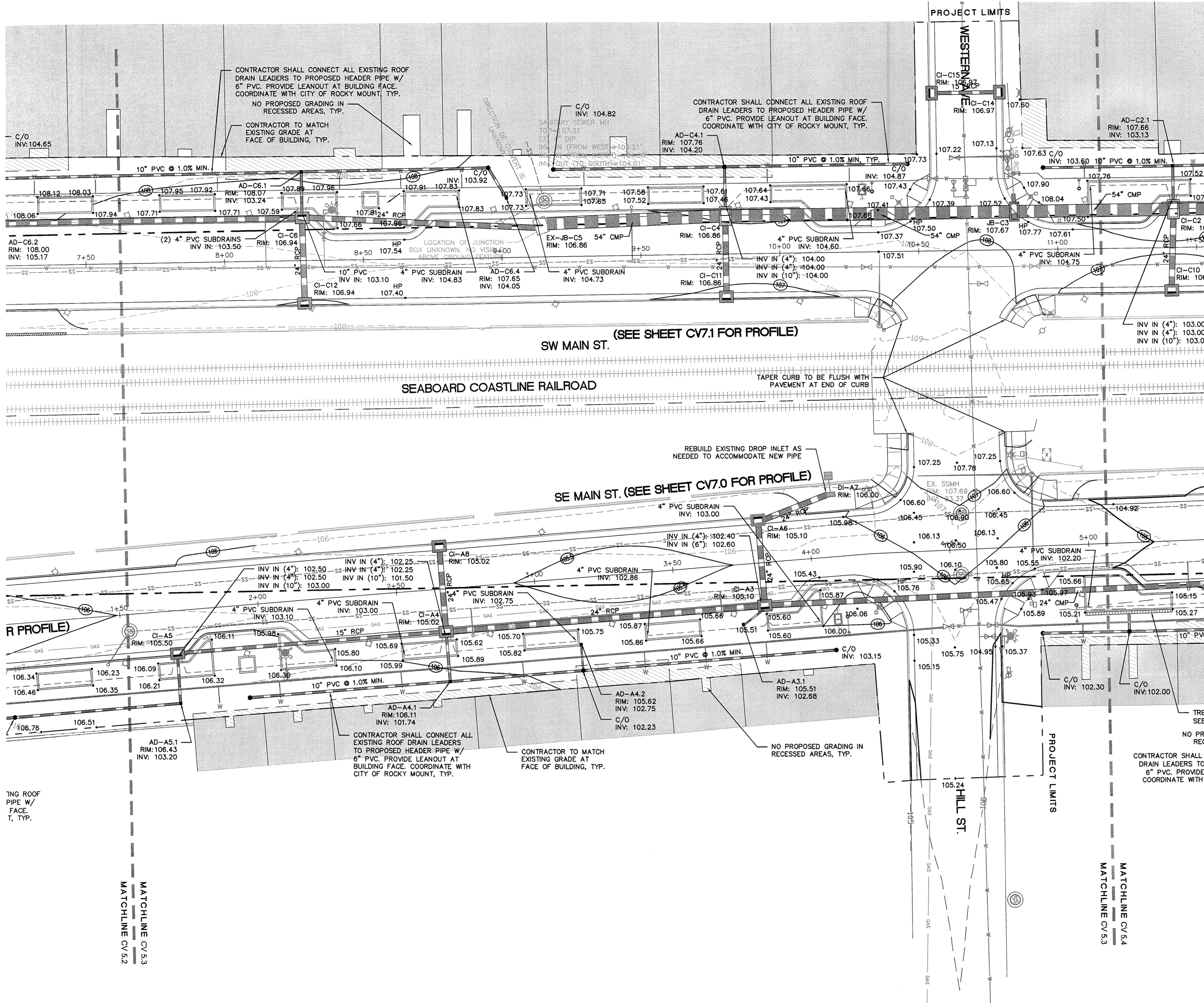


CV 5.1

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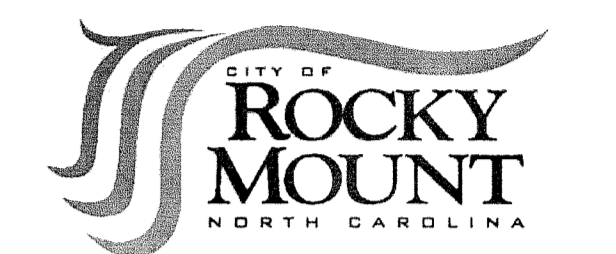
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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

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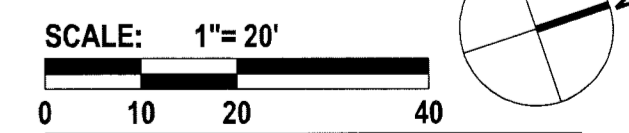
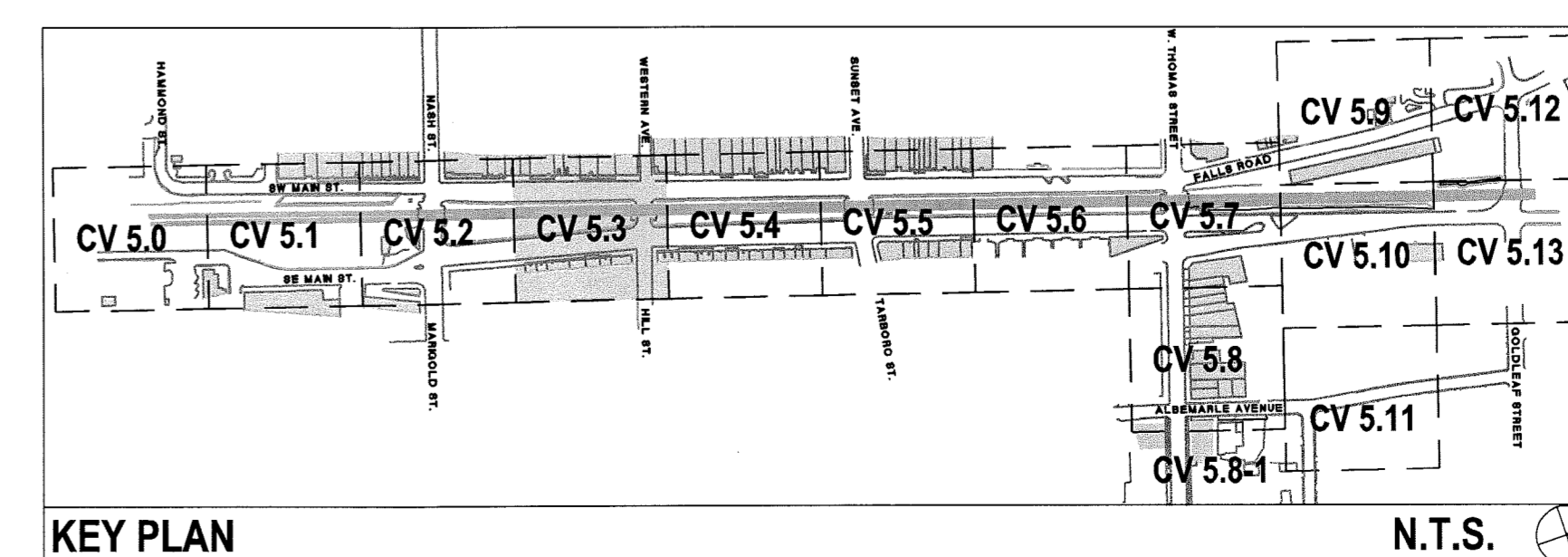
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Signature
ENGINEER
04/22/10

SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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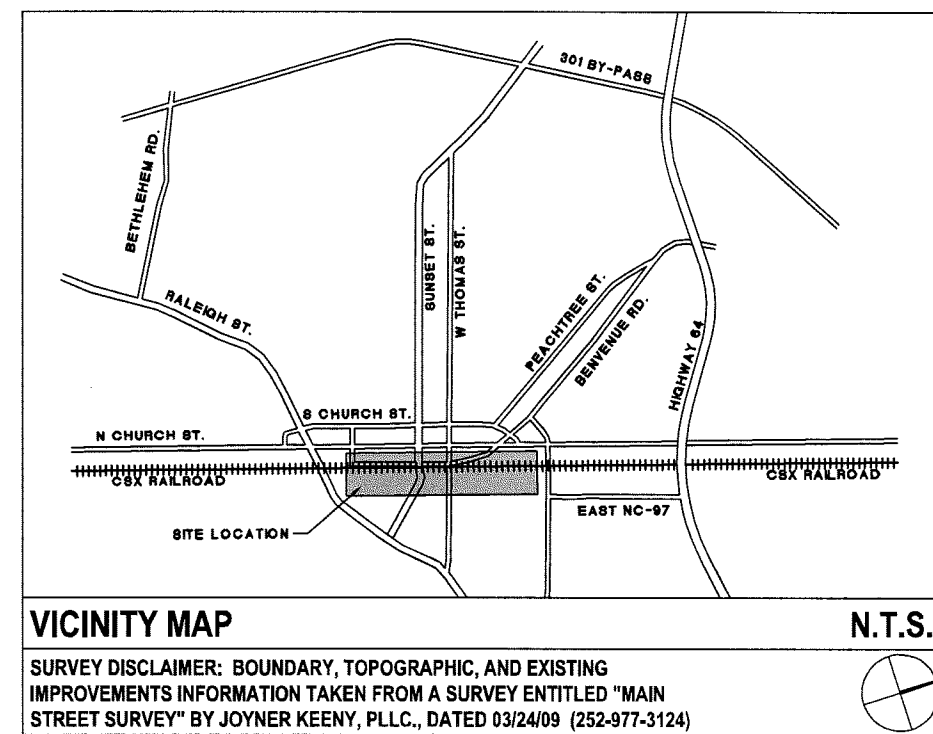
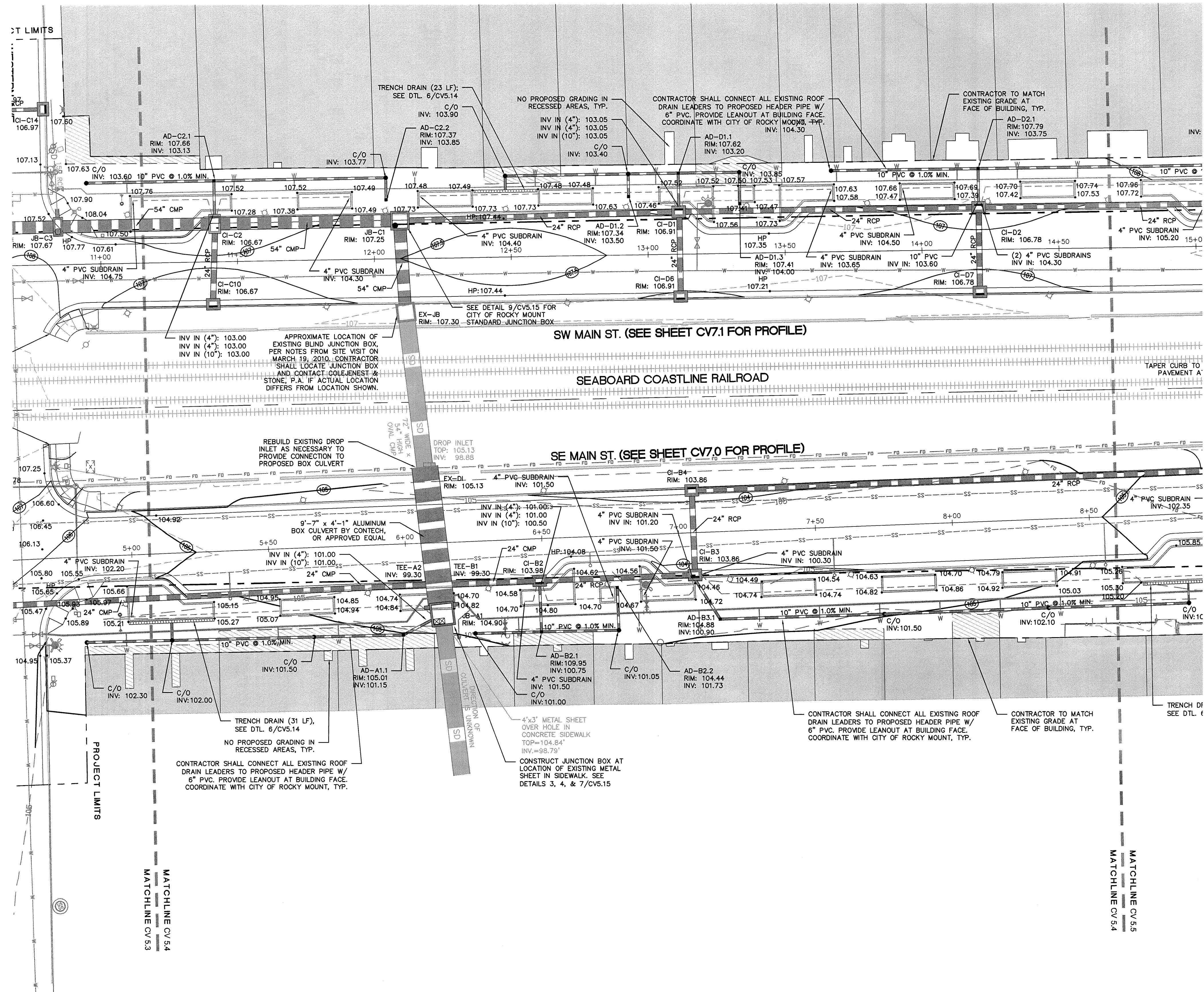


CV 5.3

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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
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	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN

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Graphic Design for the Built World

HNTB
KEEP & ASSOCIATES
CONSTRUCTION MANAGEMENT

ColaJenest & Stone
Professional Engineer
No. 10000-0000, State of North Carolina
No. 10000-0000, State of North Carolina



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

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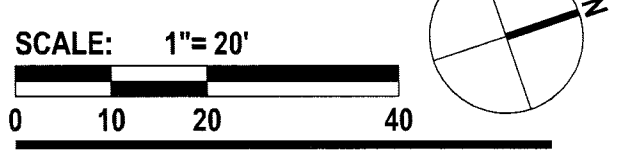
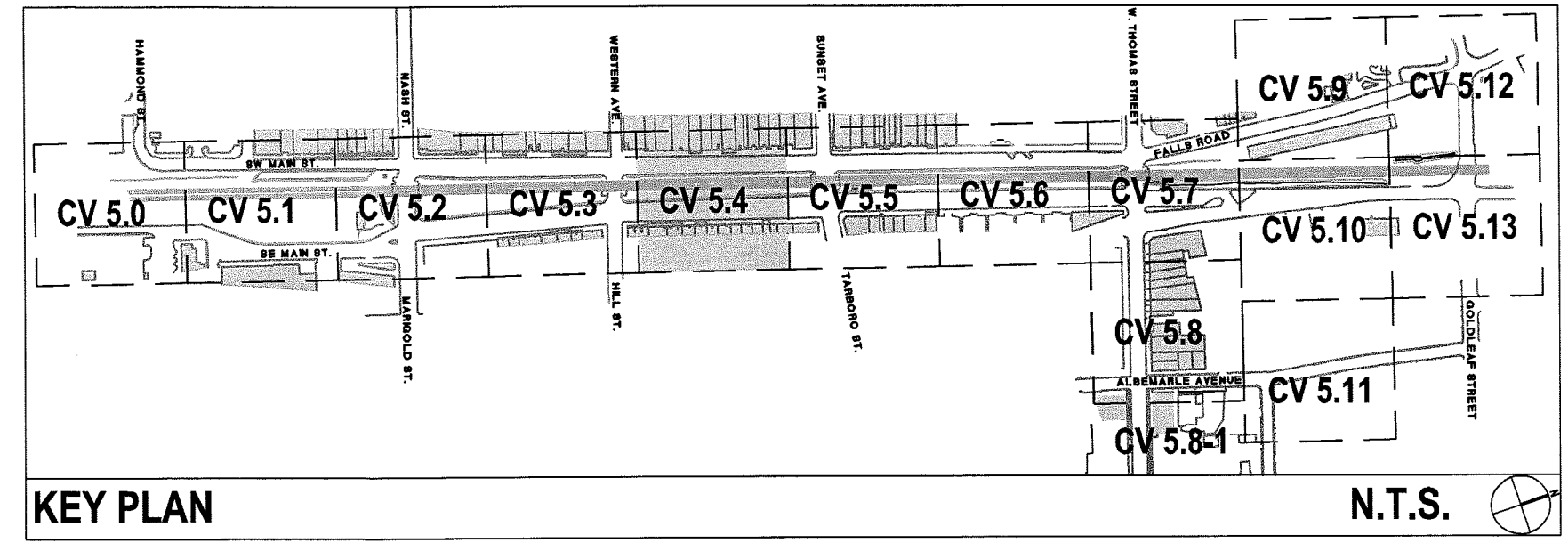
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COLAJENEST & STONE, P.A.
Professional Engineer
No. 10000-0000, State of North Carolina
No. 10000-0000, State of North Carolina

John B. Stone
Professional Engineer
No. 10000-0000, State of North Carolina
No. 10000-0000, State of North Carolina

SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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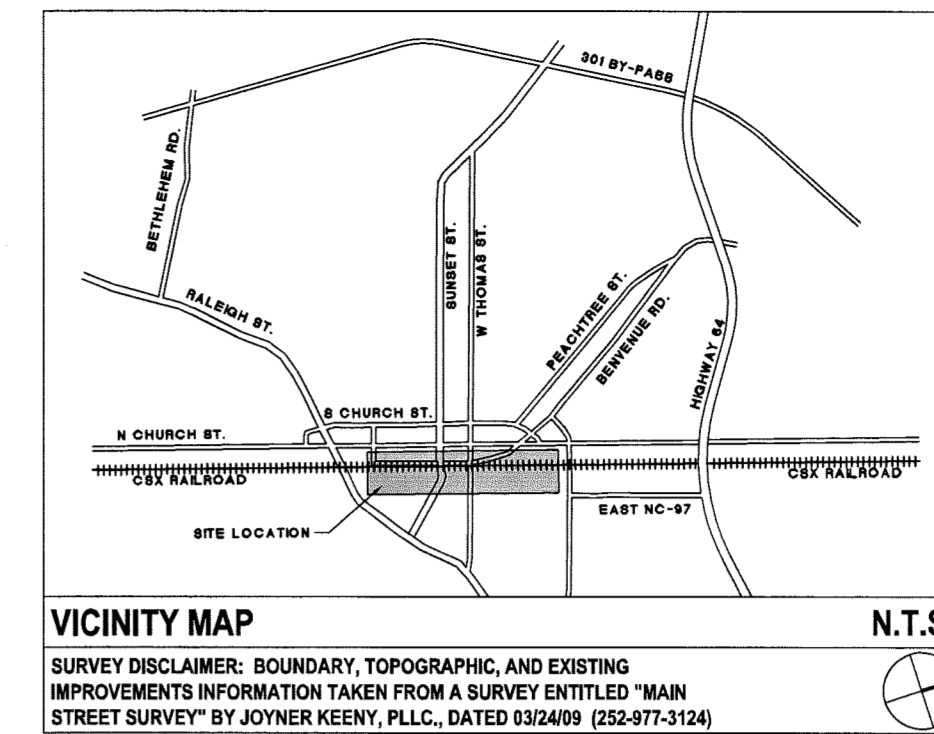
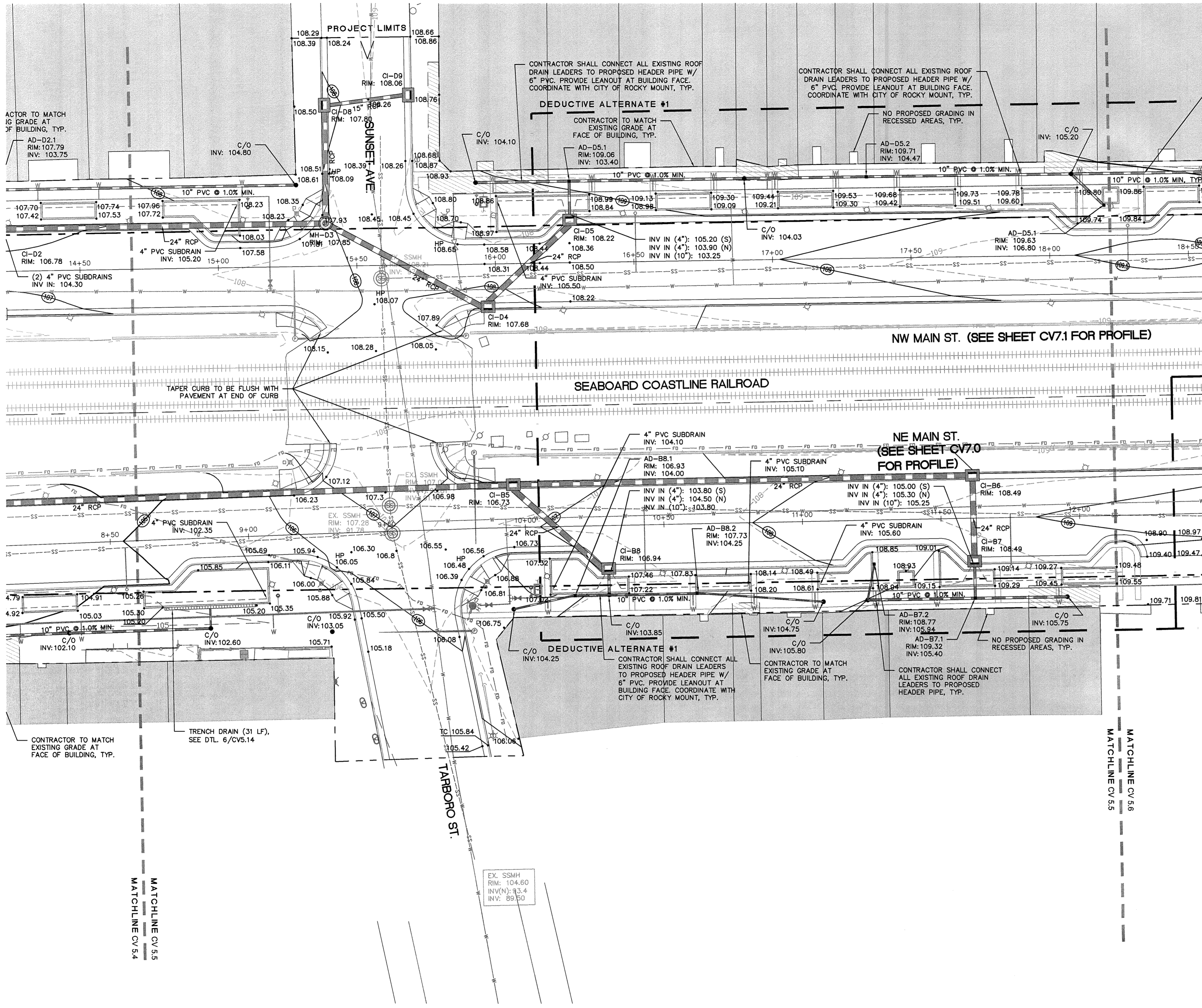


CV 5.4

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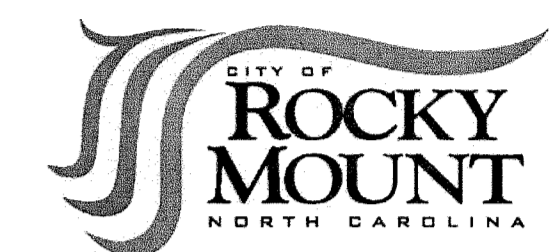
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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

ISSUED:

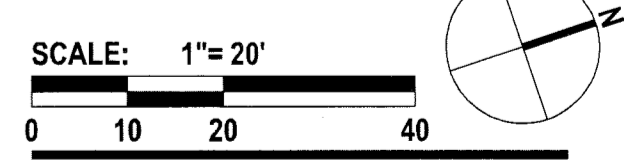
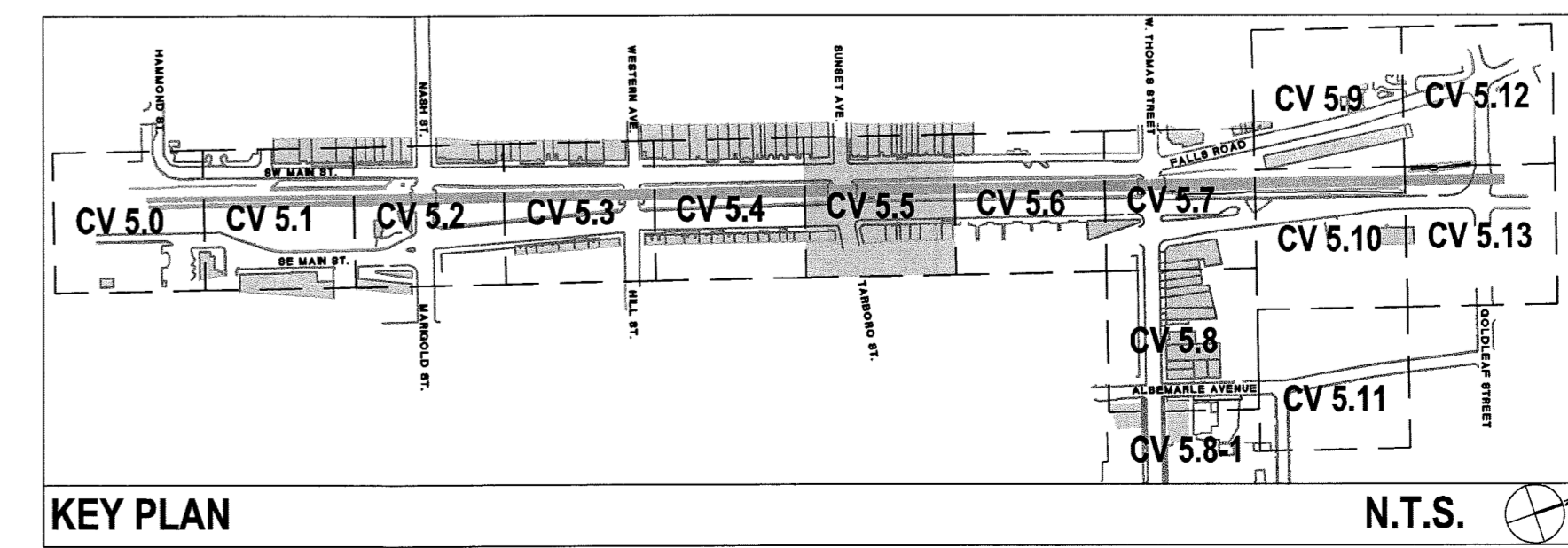
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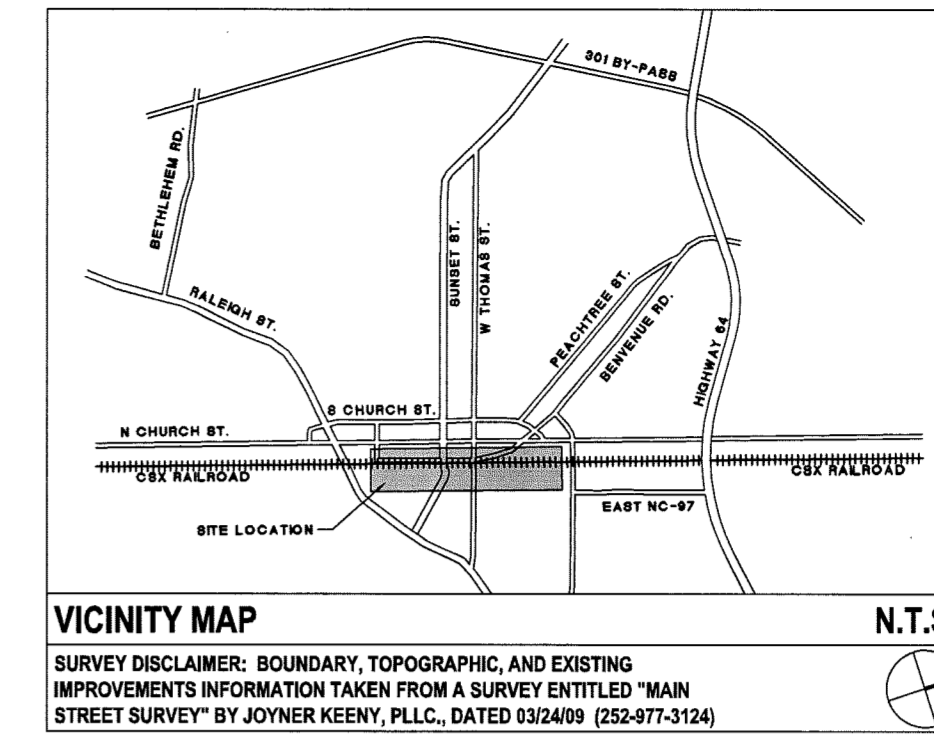
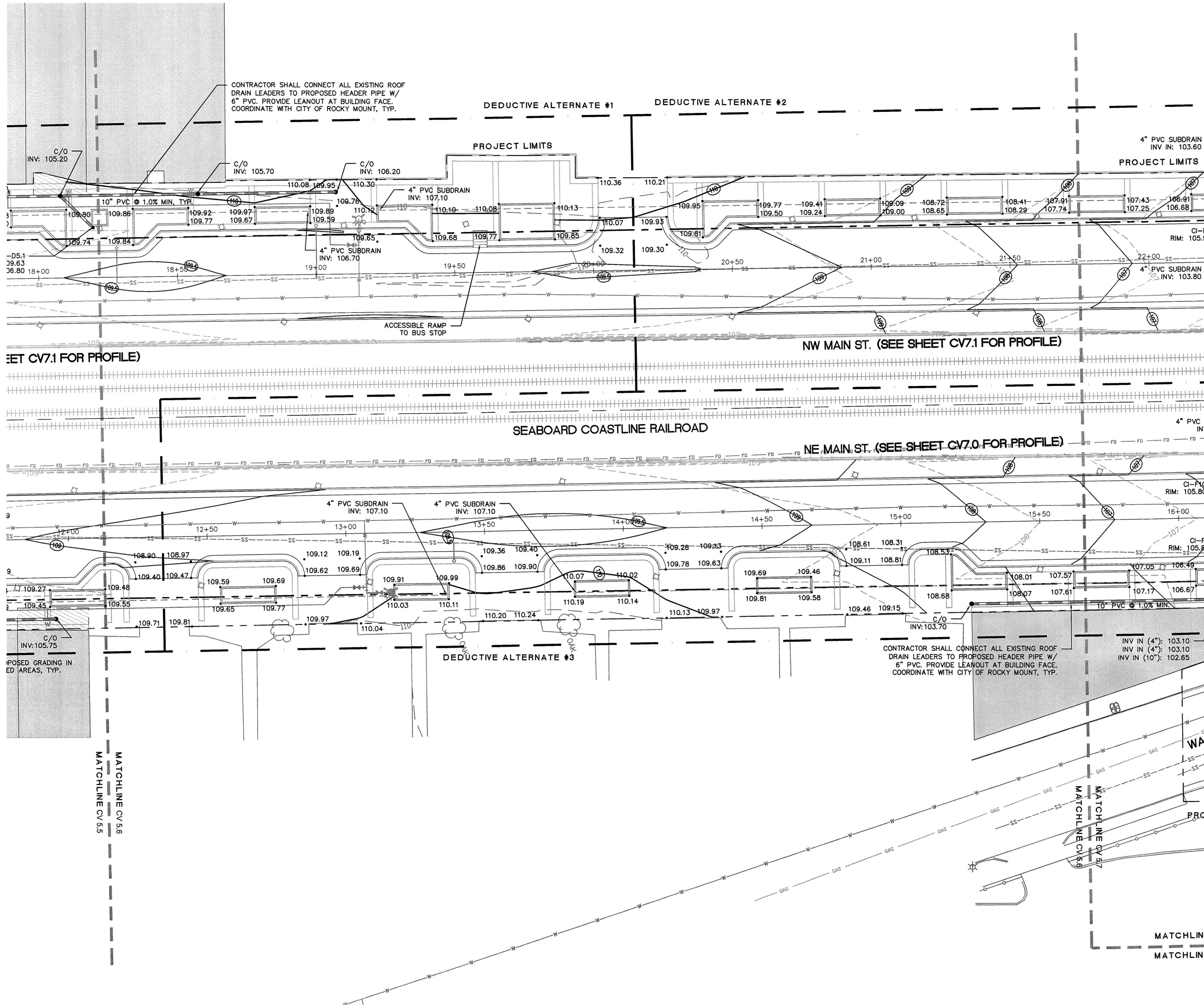


CV 5.5

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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

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Harris & Associates, Inc.
Irrigation Construction Consultants

MORTAR&ink
elm

HNTB

ColeJenest & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

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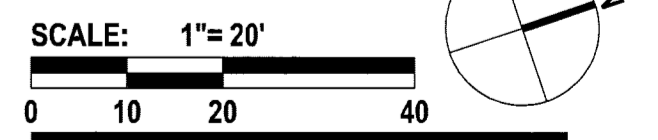
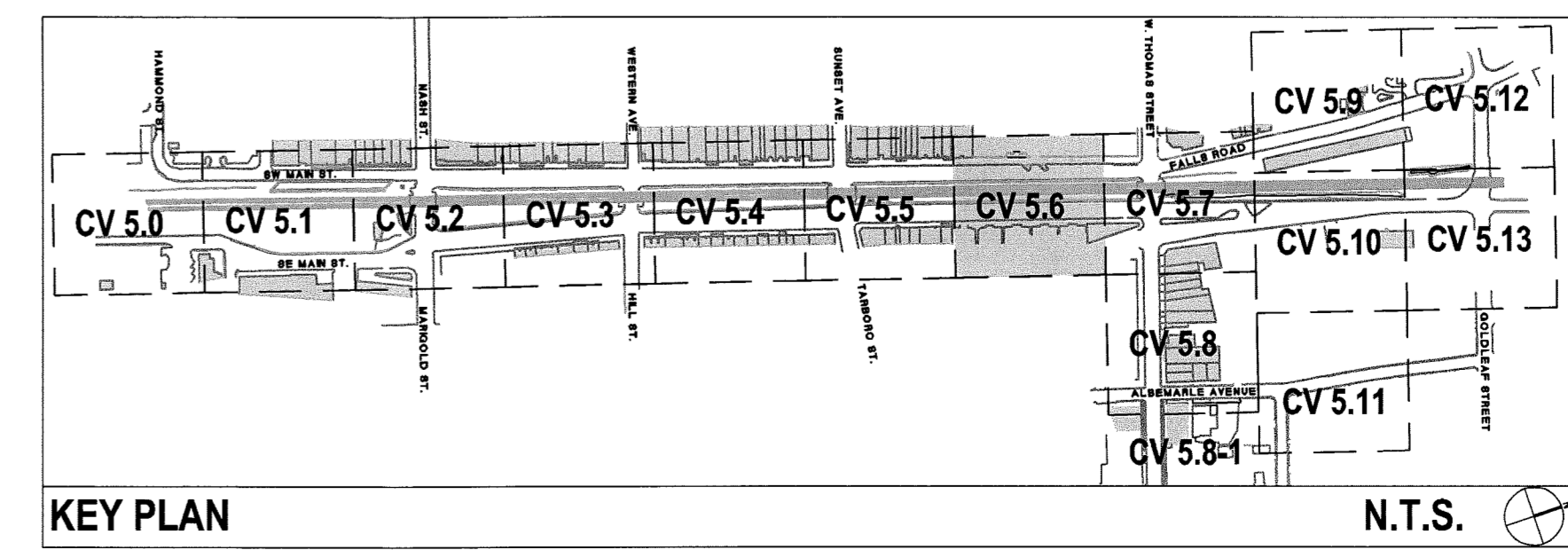
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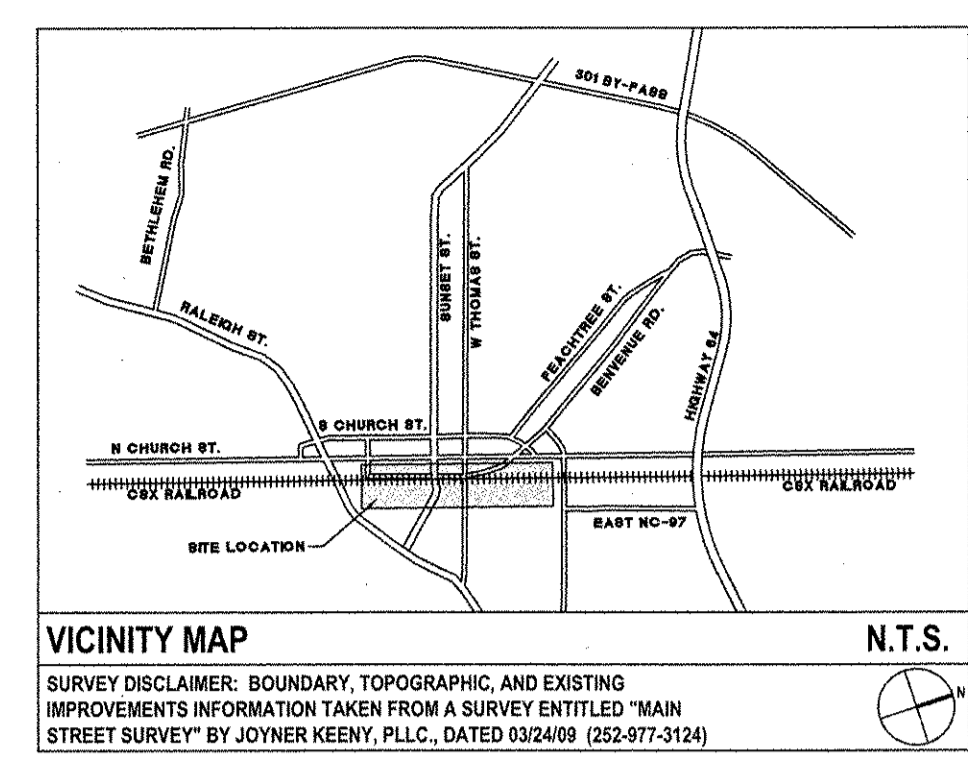
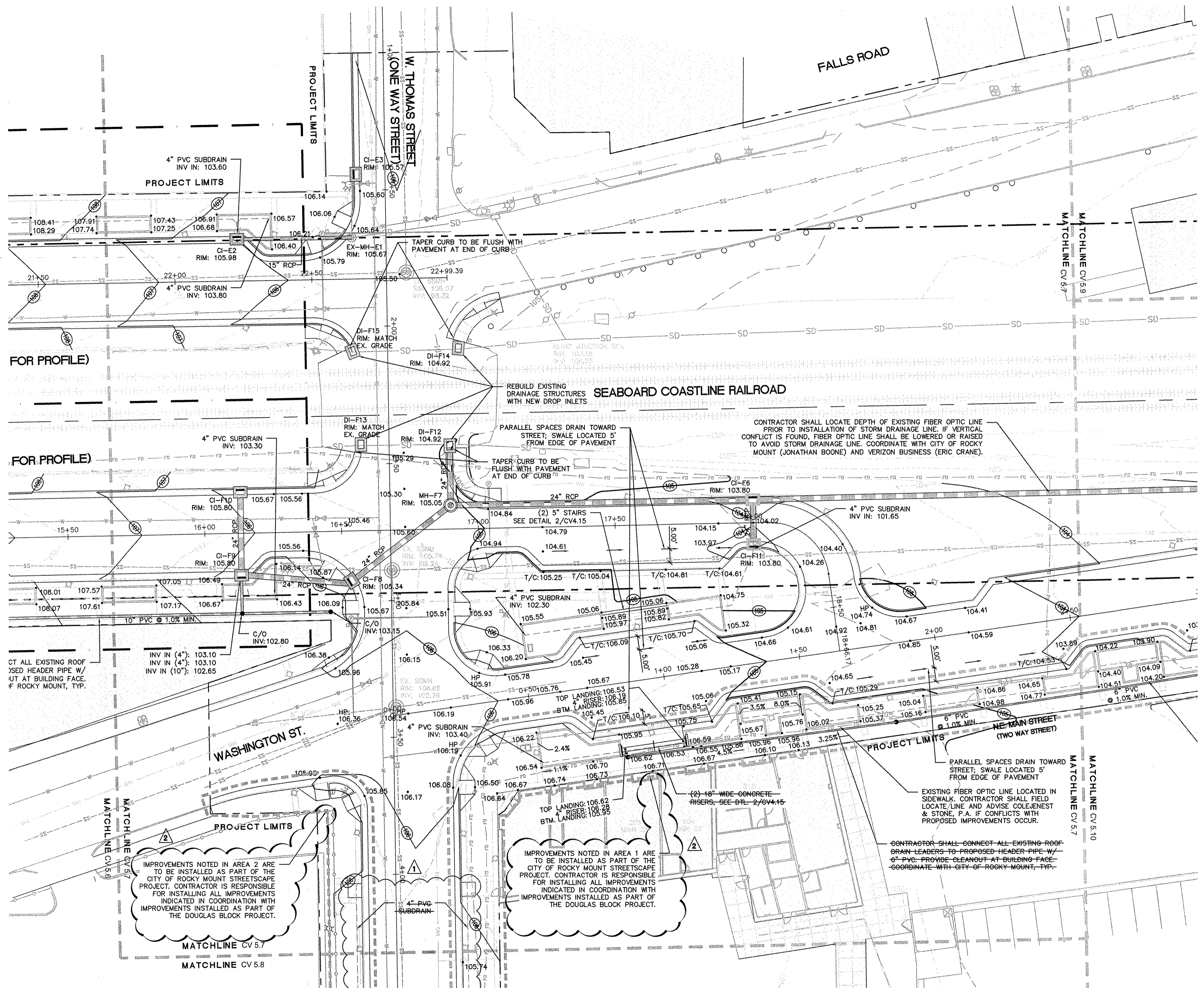


CV 5.6

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ORIGINAL



LEGEND (GRADING AND DRAINAGE)

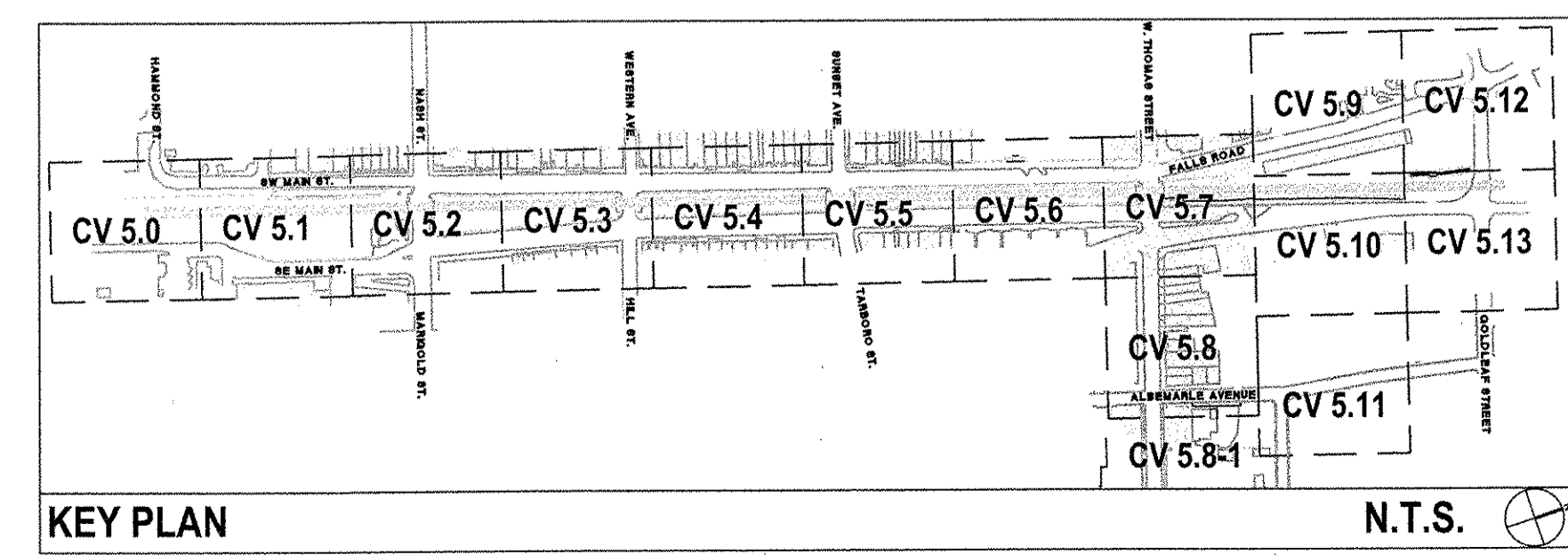
SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN

ADDENDUM NO. 6 GENERAL NOTES:

- IMPROVEMENTS NOTED IN AREA 1 AND AREA 2 SHALL BE INSTALLED AS PART OF THE ROCKY MOUNT STREETScape PROJECT.
- NOTES THAT HAVE BEEN STRUCK THROUGH ARE NOT ASSOCIATED WITH THE STREETScape PROJECT. THESE ITEMS WILL BE INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT AND ARE INCLUDED FOR COORDINATION PURPOSES ONLY.

SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4848) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
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- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENGINEERS EITHER VERTICAL OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



Harris & Associates, Inc.
Construction Consultants

MORTAR&ink
elm

JOYNER, KEENE & ASSOCIATES
HNTB

ColoJenest & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

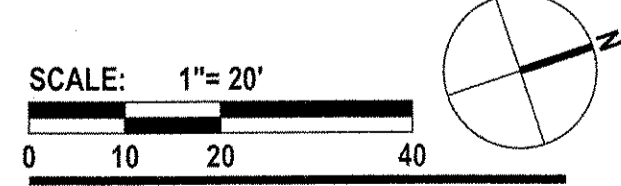
PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

NO.	DATE	REVISION
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2	11.02.10	ADDENDUM #6
3		
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COLOJENEST & STONE, P.A.
Professional Seal
11/02/10

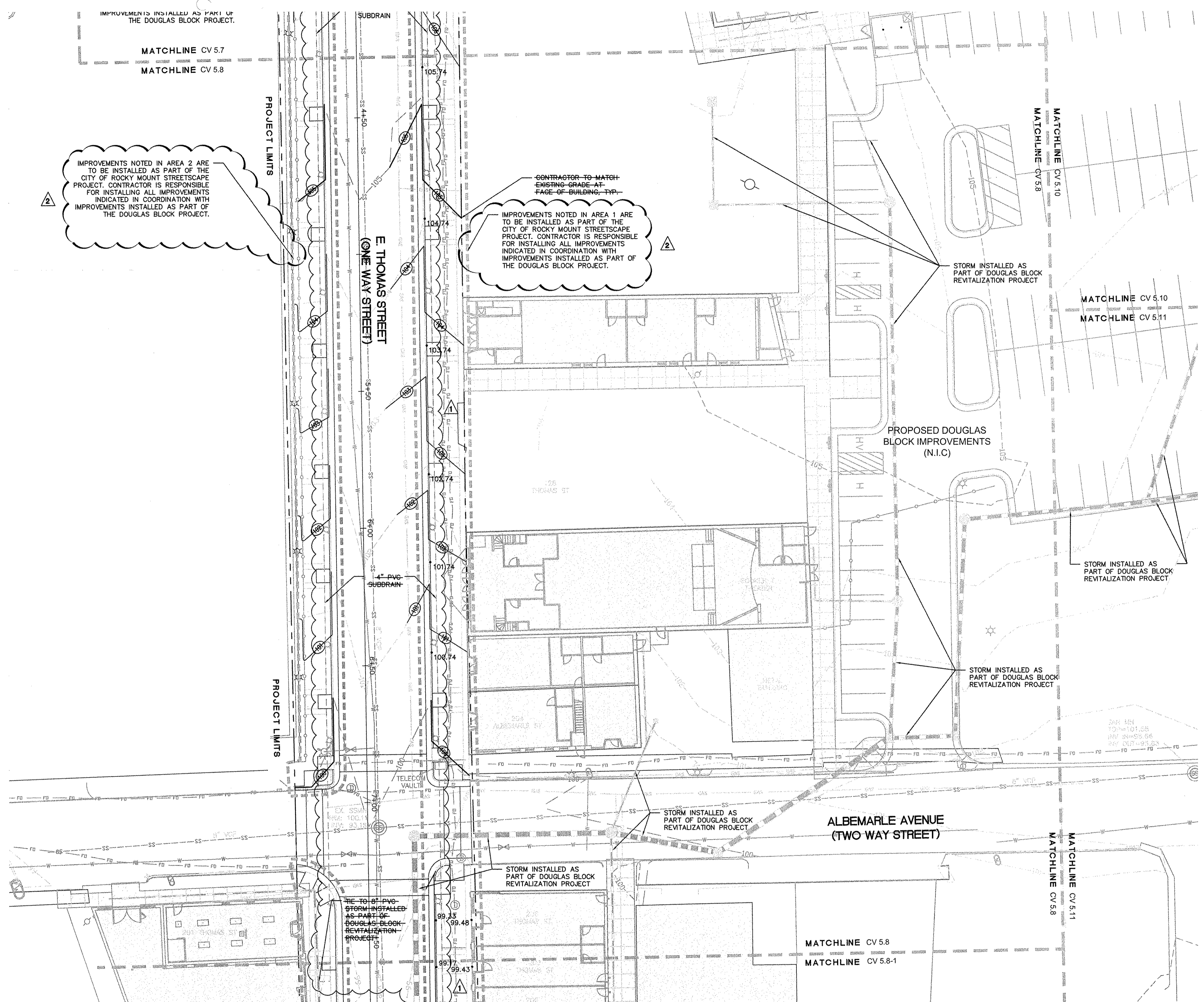


CV 5.7

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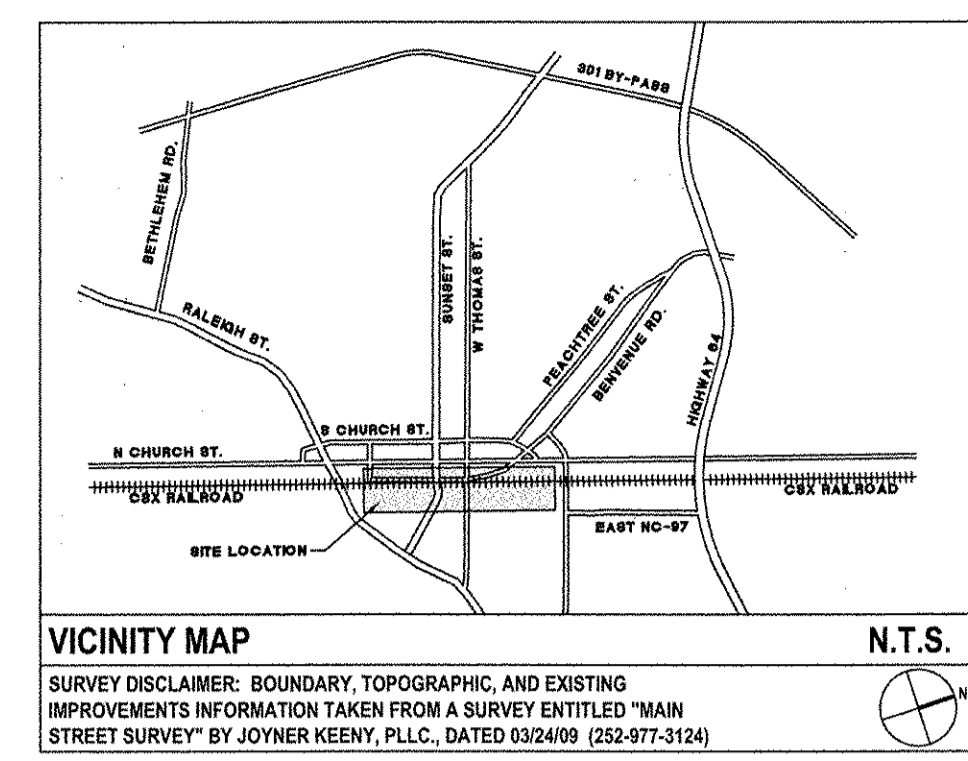
ColoJenest & Stone, P.A. 2008 ©

ORIGINAL



IMPROVEMENTS NOTED IN AREA 2 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETSCAPE PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.

CONTRACTOR TO MATCH EXISTING GRADE AT FACE OF BUILDING, TYP. IMPROVEMENTS NOTED IN AREA 1 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETSCAPE PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.



LEGEND (GRADING AND DRAINAGE)

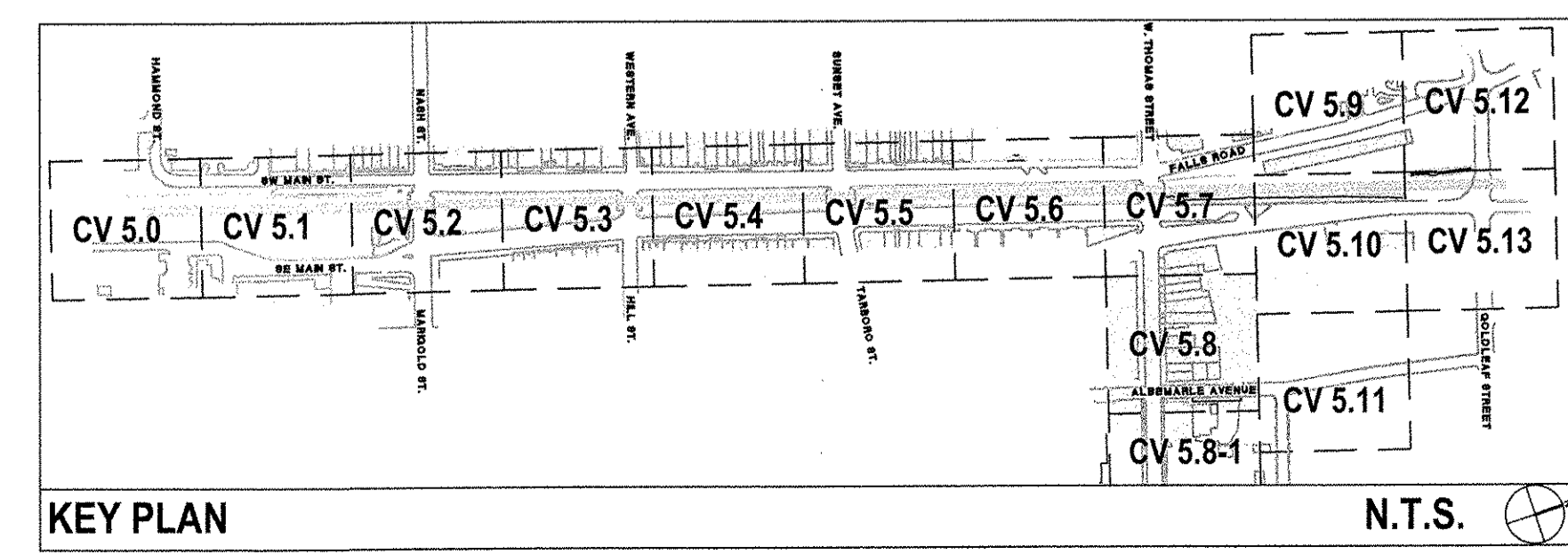
SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN

ADDENDUM NO. 6 GENERAL NOTES:

- IMPROVEMENTS NOTED IN AREA 1 AND AREA 2 SHALL BE INSTALLED AS PART OF THE ROCKY MOUNT STREETSCAPE PROJECT
- NOTES THAT HAVE BEEN STRUCK THROUGH ARE NOT ASSOCIATED WITH THE STREETSCAPE PROJECT. THESE ITEMS WILL BE INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT AND ARE INCLUDED FOR COORDINATION PURPOSES ONLY.

SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-532-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

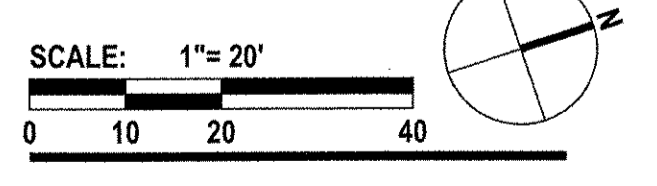
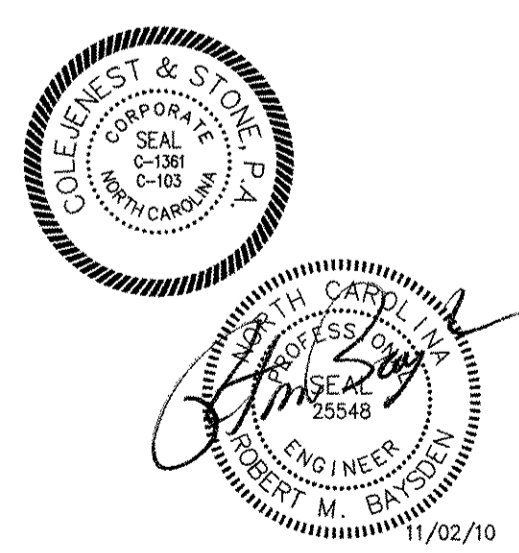
GRADING & DRAINAGE PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

DATE	#	COMMENTS
09.09.10	1	ADDENDUM #2
11.02.10	2	ADDENDUM #6
	3	
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CV 5.8

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ORIGINAL

**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**GRADING &
DRAINAGE PLAN**

PROJECT NUMBER:

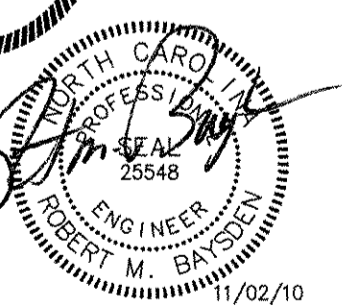
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ISSUED:

04.22.10

REVISED: # COMMENTS:

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		4	
		5	
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		10	



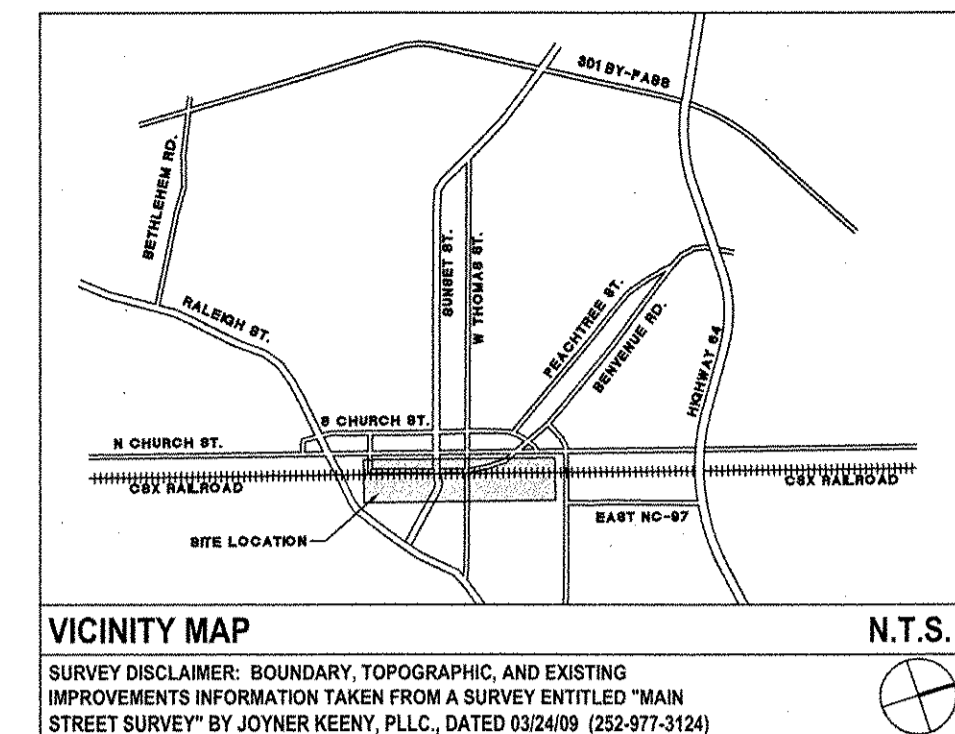
SCALE: 1"= 20'



CV 5.8-1

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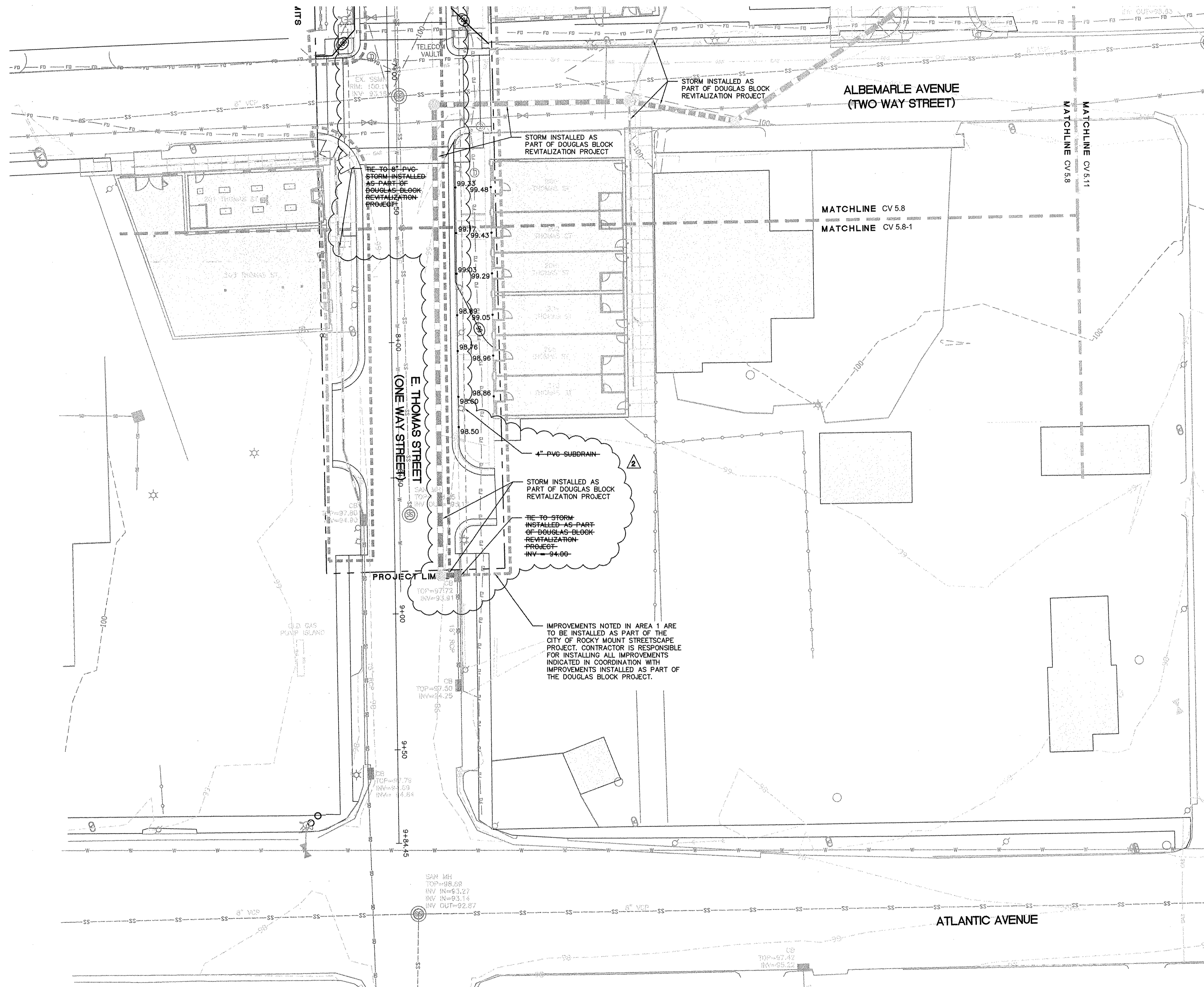


LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
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	PROPOSED INDEX CONTOUR --/
	PROPOSED SPOT ELEVATION --/
	PROPOSED HIGH POINT --/
	PROPOSED DRAINAGE SWALE --/
	EXISTING STORM DRAINAGE --/
	PROPOSED STORM DRAINAGE 3, 7/CV5.14
	PROPOSED CATCH BASIN 9, 12/CV5.14
	PROPOSED STORM MANHOLE 2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION --/
	PROPOSED CLEANOUT --/
	PROPOSED AREA DRAIN 5/CV5.14
	PROPOSED TRENCH DRAIN 6/CV5.14

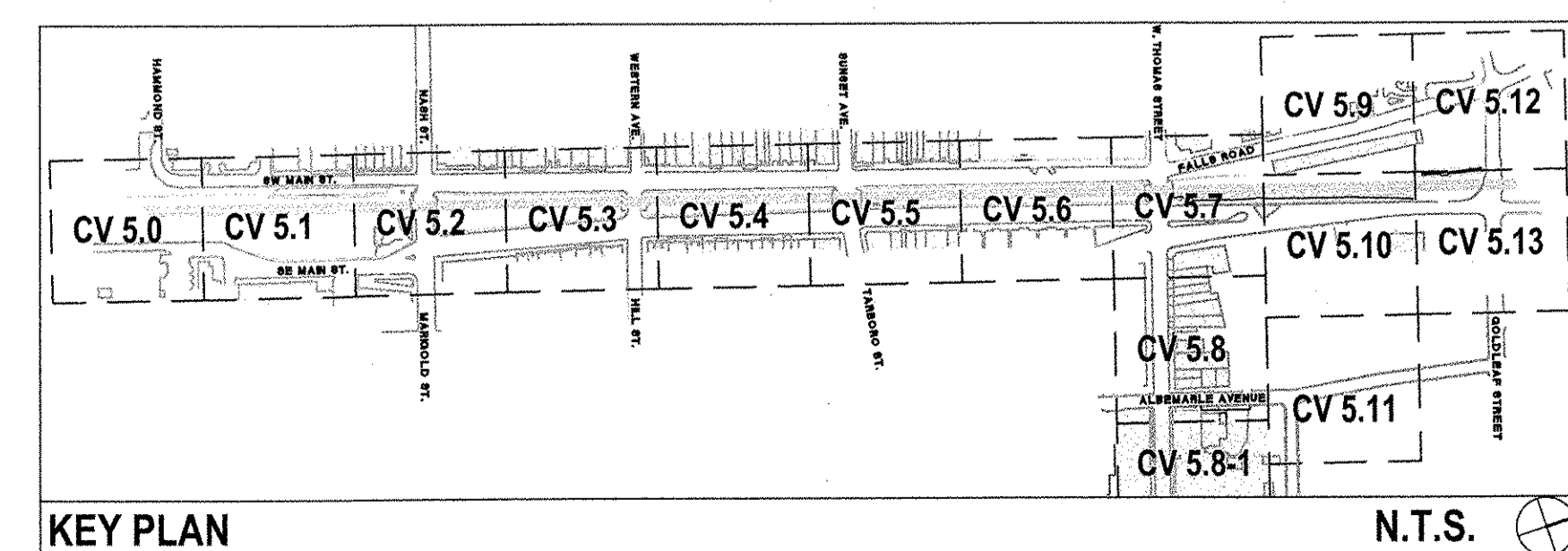
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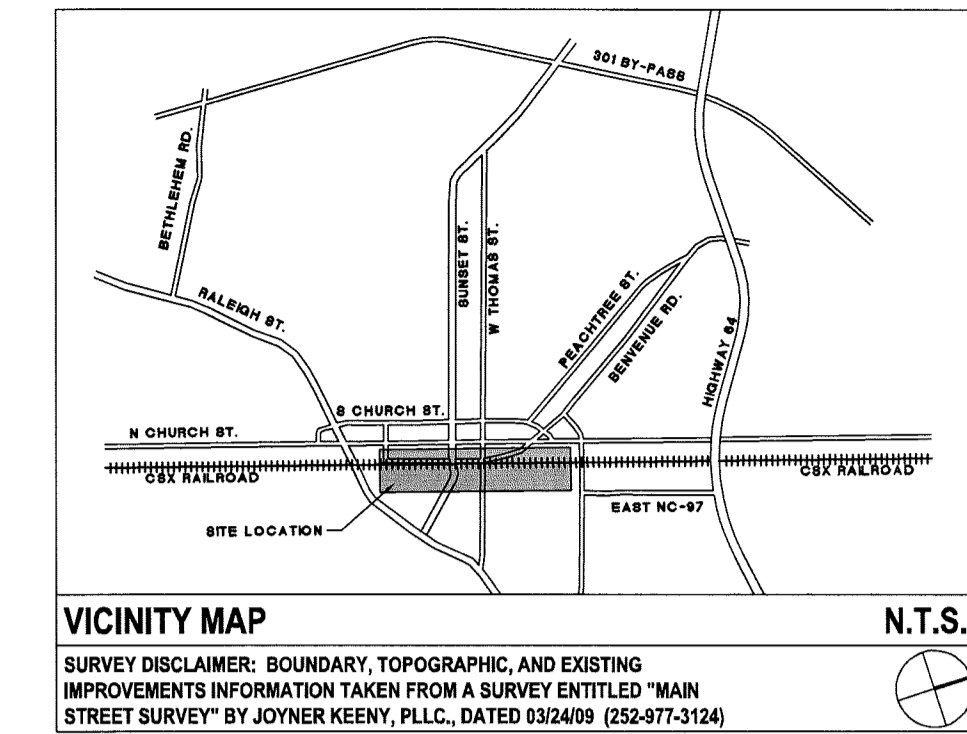
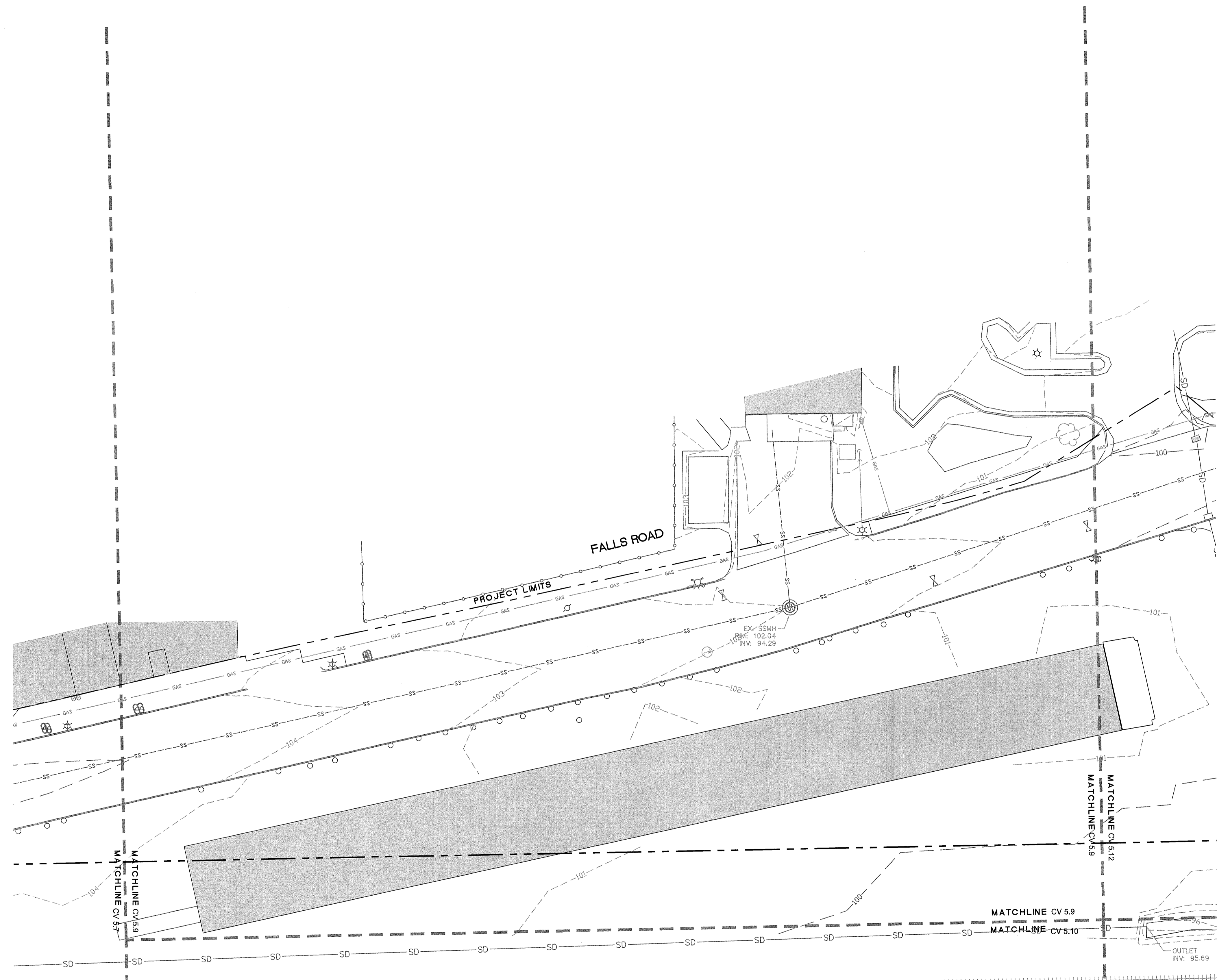
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SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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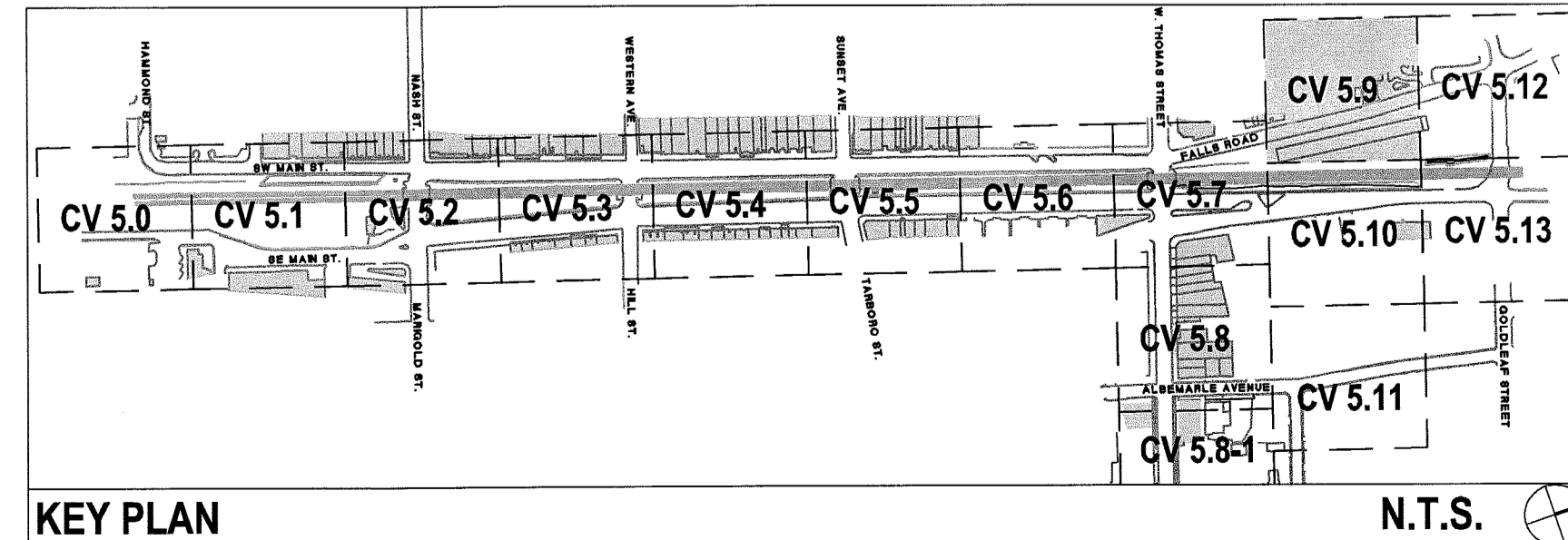
LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR -/-
	PROPOSED INDEX CONTOUR -/-
	PROPOSED SPOT ELEVATION -/-
	PROPOSED HIGH POINT -/-
	PROPOSED DRAINAGE SWALE -/-
	EXISTING STORM DRAINAGE -/-
	PROPOSED STORM DRAINAGE 3, 7/CV5.14
	PROPOSED CATCH BASIN 9, 12/CV5.14
	PROPOSED STORM MANHOLE 2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION -/-
	PROPOSED CLEANOUT -/-
	PROPOSED AREA DRAIN 5/CV5.14
	PROPOSED TRENCH DRAIN 6/CV5.14

FOR REFERENCE ONLY
NO NEW WORK THIS SHEET

SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

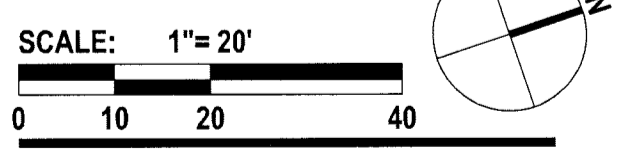
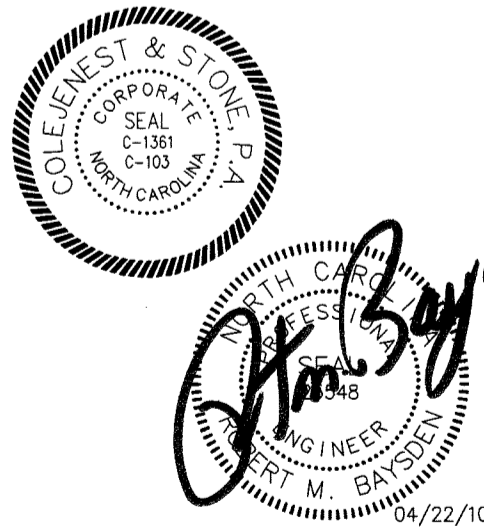
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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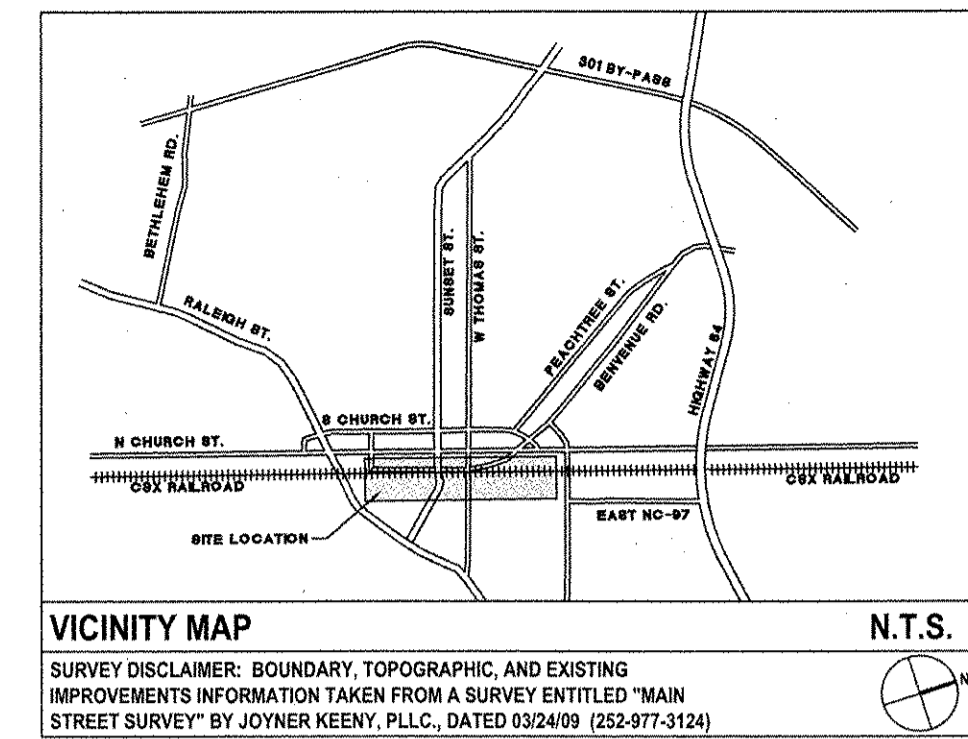
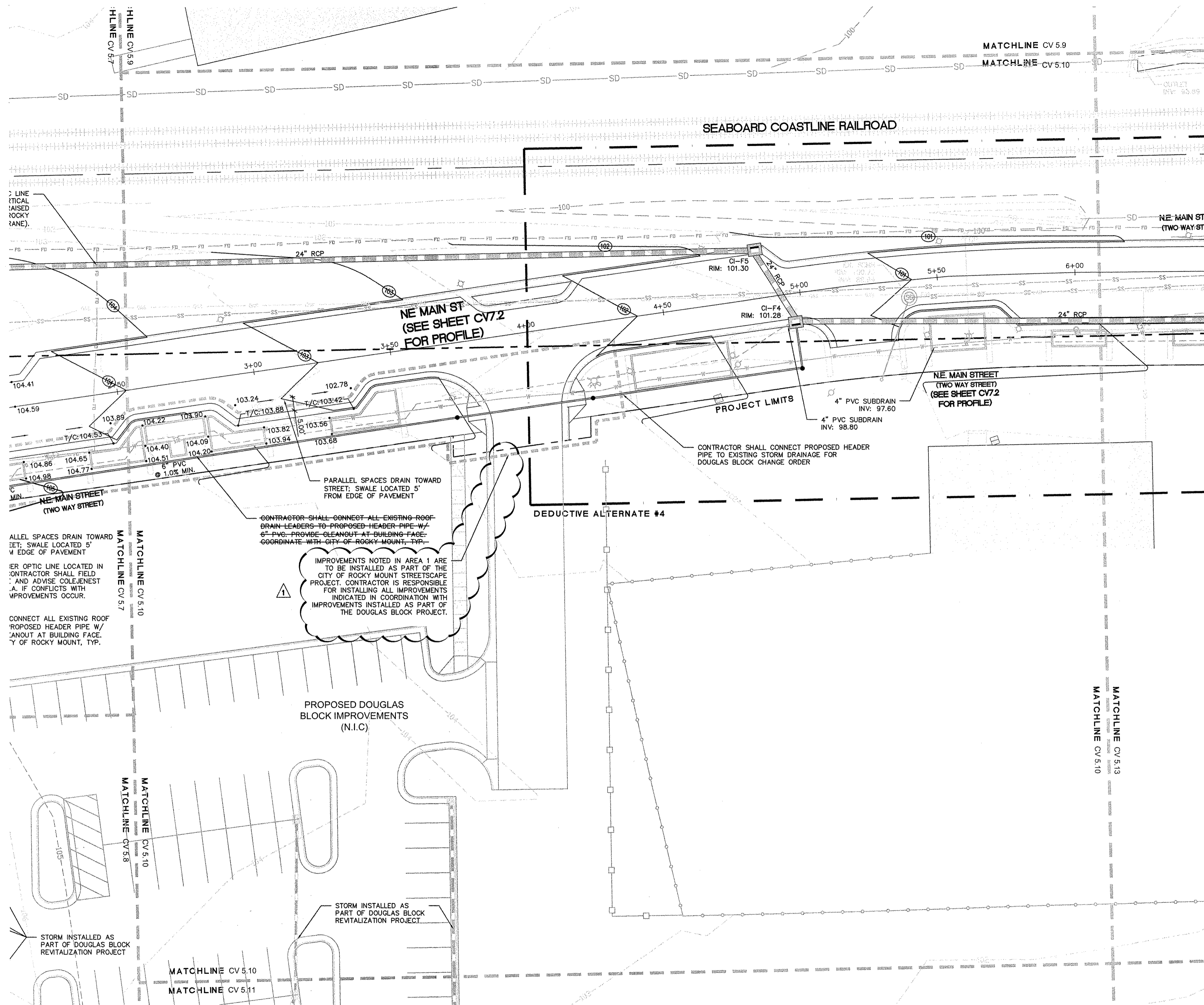


CV 5.9

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ORIGINAL

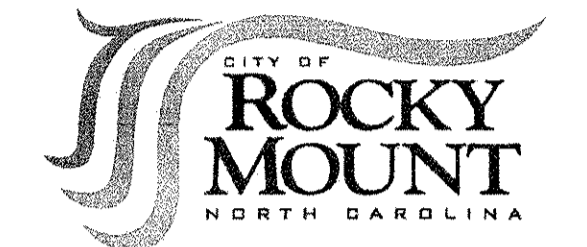


LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED HIGH POINT
	PROPOSED DRAINAGE SWALE
	EXISTING STORM DRAINAGE
	PROPOSED STORM DRAINAGE
	PROPOSED CATCH BASIN
	PROPOSED STORM MANHOLE
	PROPOSED FLARED-END SECTION
	PROPOSED CLEANOUT
	PROPOSED AREA DRAIN
	PROPOSED TRENCH DRAIN

ADDENDUM NO. 6 GENERAL NOTES:

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URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

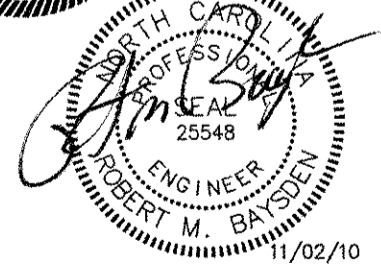
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ISSUED:

04.22.10

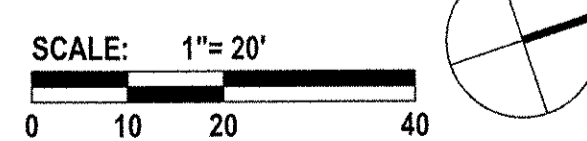
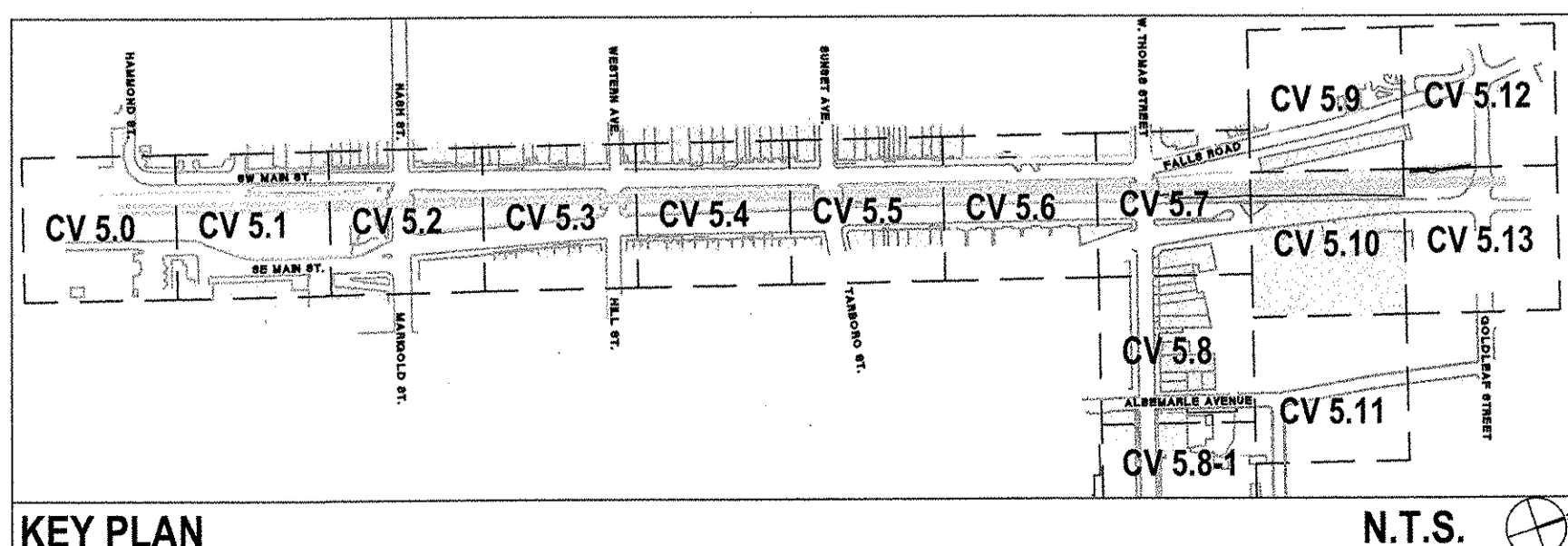
REVISED: # COMMENTS:

NO.	DATE	REVISION
1	11.02.10	ADDENDUM #6
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SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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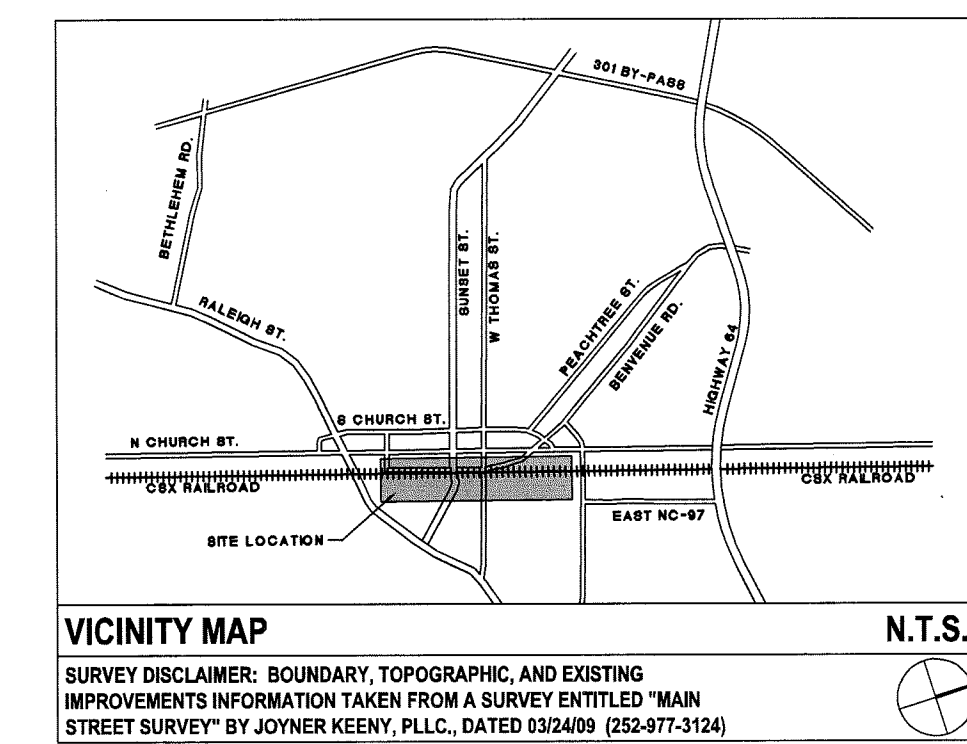
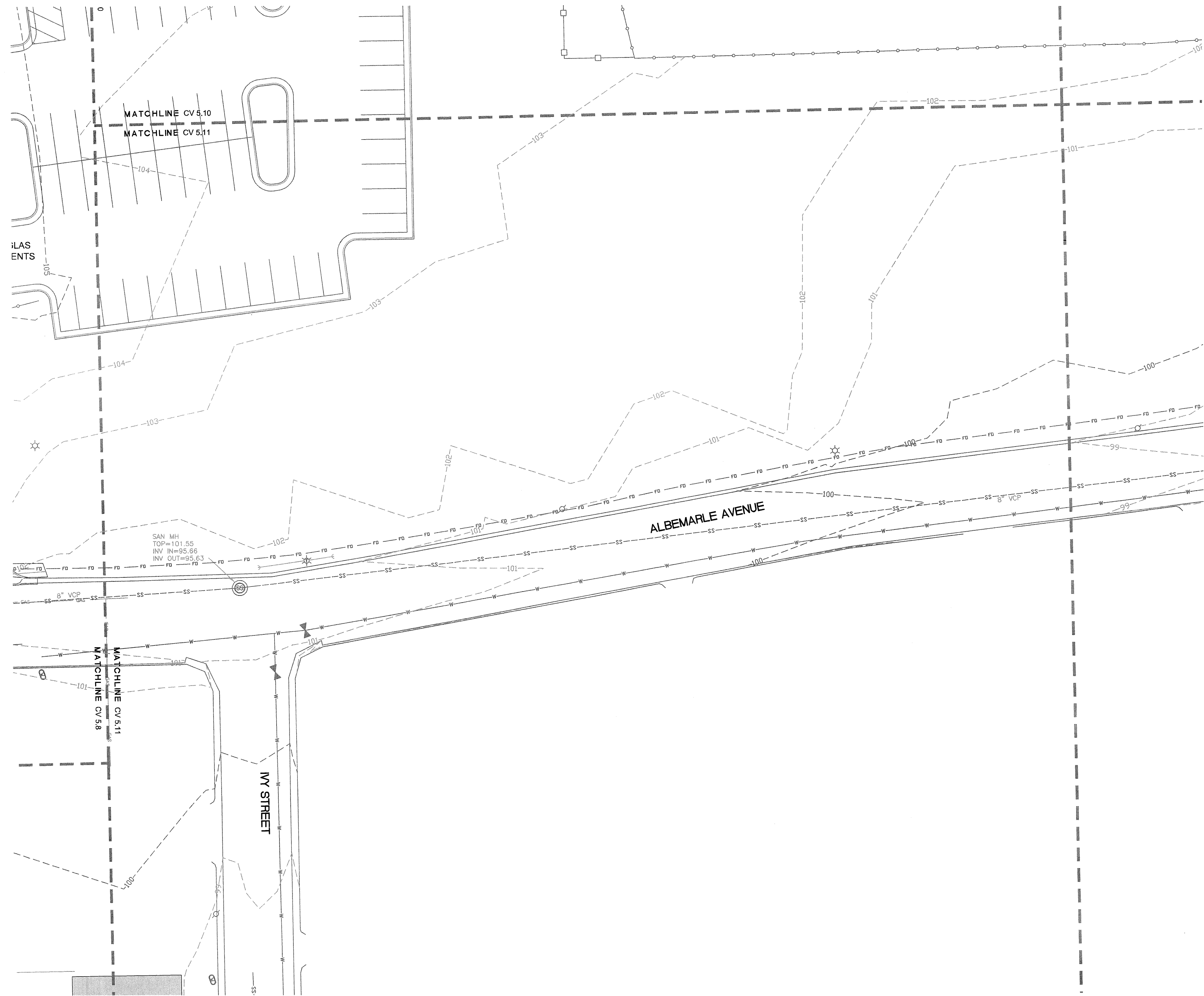


CV 5.10

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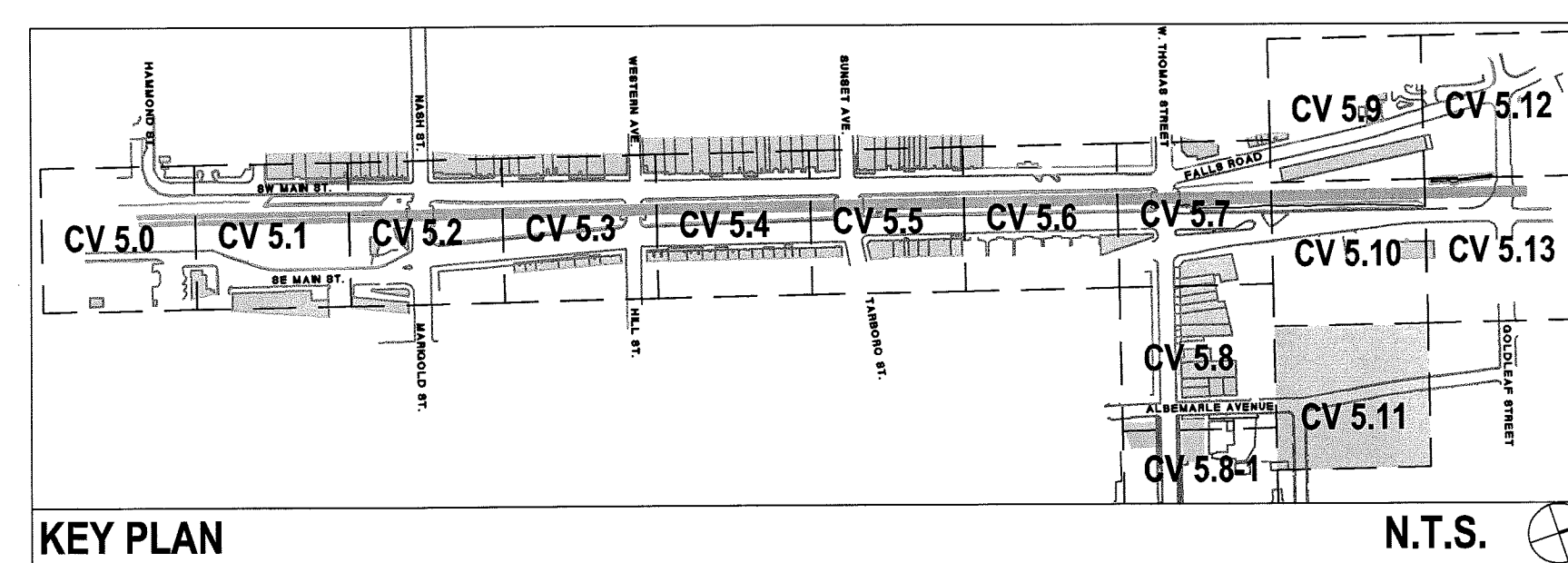
ORIGINAL



LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR -/-
	PROPOSED INDEX CONTOUR -/-
	PROPOSED SPOT ELEVATION -/-
	PROPOSED HIGH POINT -/-
	PROPOSED DRAINAGE SWALE -/-
	EXISTING STORM DRAINAGE -/-
	PROPOSED STORM DRAINAGE 3, 7/CV5.14
	PROPOSED CATCH BASIN 9, 12/CV5.14
	PROPOSED STORM MANHOLE 2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION -/-
	PROPOSED CLEANOUT -/-
	PROPOSED AREA DRAIN 5/CV5.14
	PROPOSED TRENCH DRAIN 6/CV5.14

FOR REFERENCE ONLY
NO NEW WORK THIS SHEET



SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



Harris & Associates, Inc. Construction Consultants
MORTAR&ink
HNTB
ColeJenest & Stone



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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John M. Sawyer
ENGINEER
04/22/10

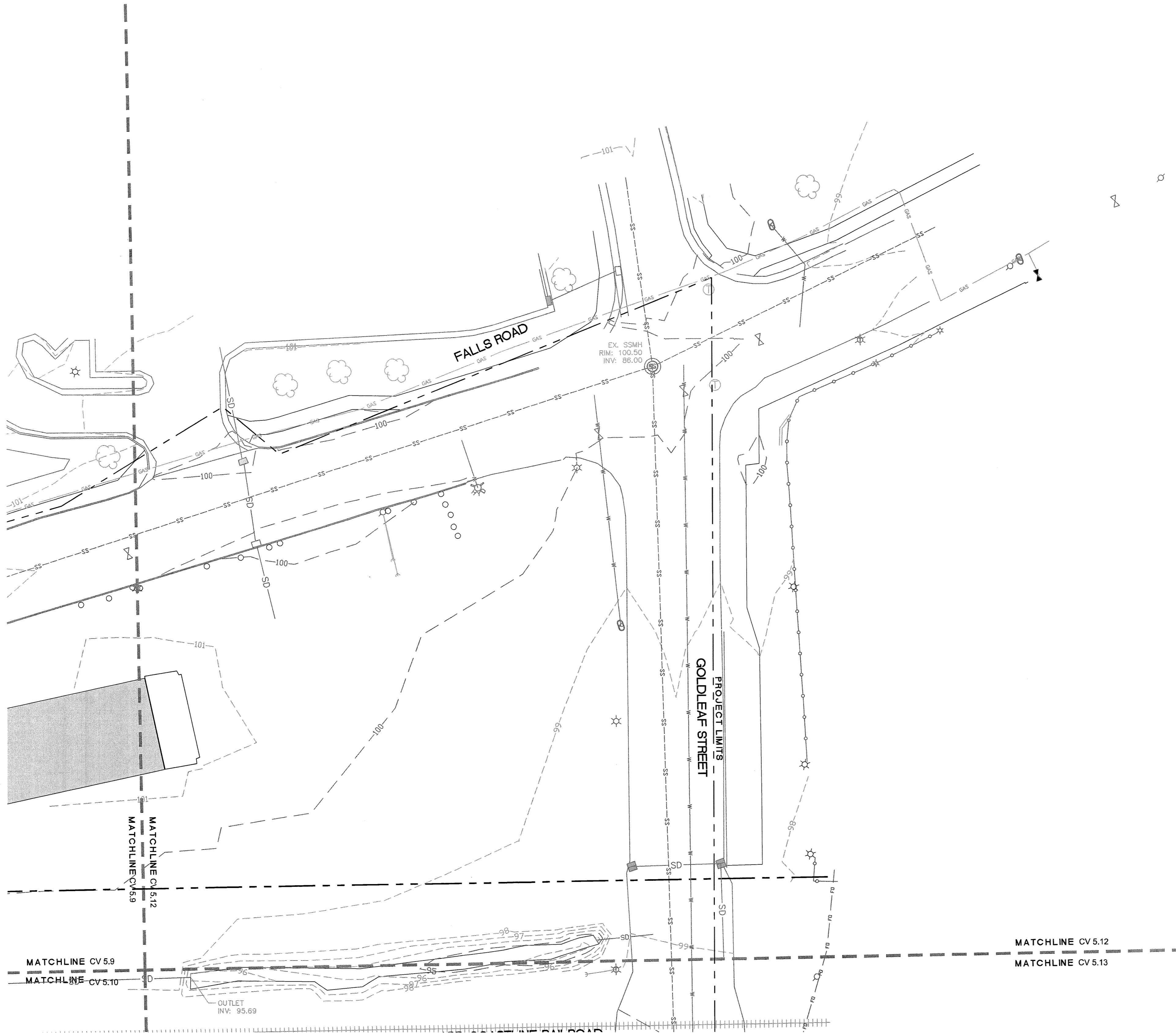
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CV 5.11

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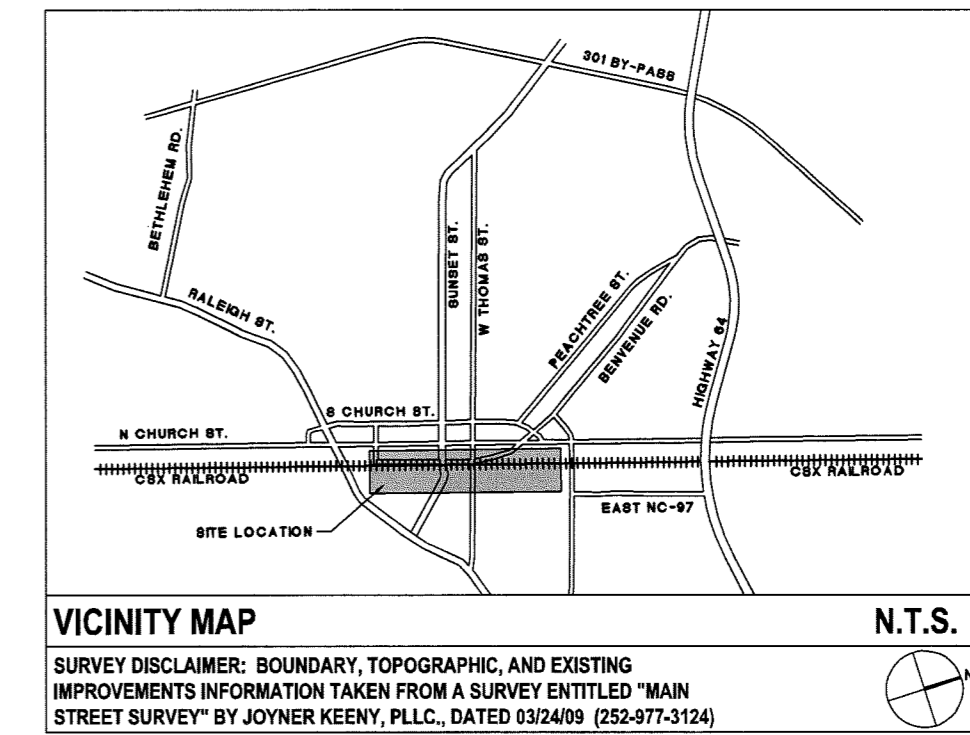
ColeJenest & Stone, P.A. 2008 ©

ORIGINAL



SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

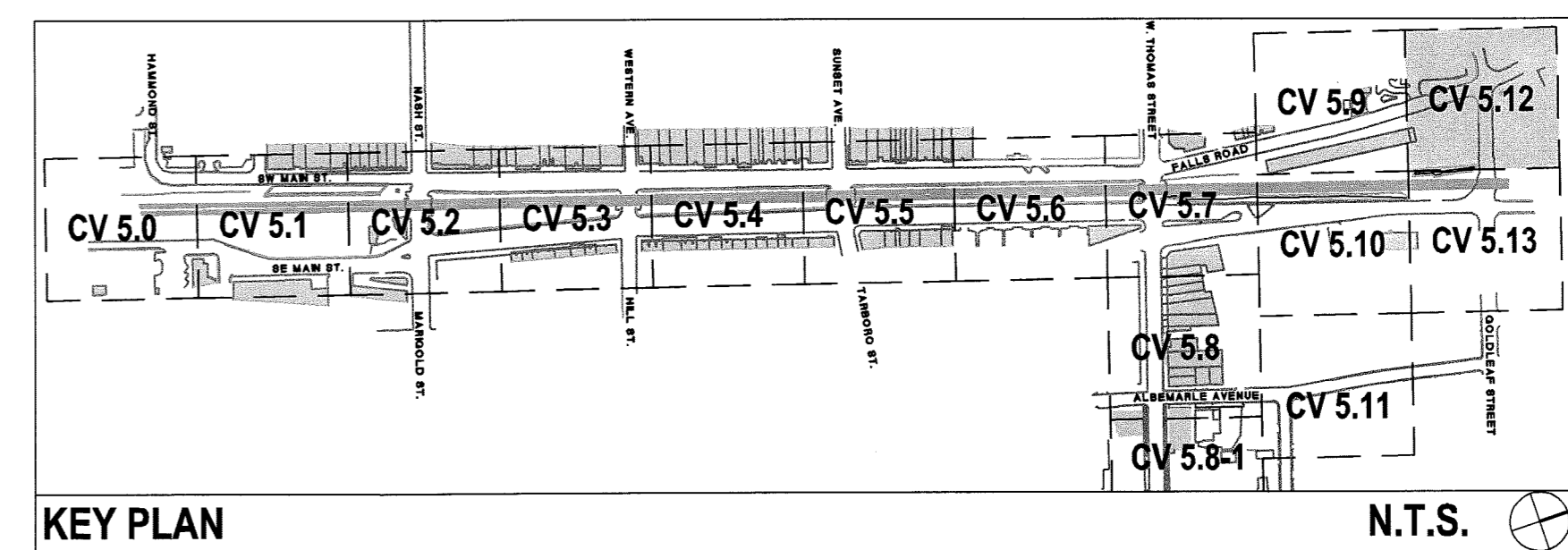
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-832-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL
	PROPOSED CONTOUR -/-
	PROPOSED INDEX CONTOUR -/-
	PROPOSED SPOT ELEVATION -/-
	PROPOSED HIGH POINT -/-
	PROPOSED DRAINAGE SWALE -/-
	EXISTING STORM DRAINAGE -/-
	PROPOSED STORM DRAINAGE 3, 7/CV5.14
	PROPOSED CATCH BASIN 9, 12/CV5.14
	PROPOSED STORM MANHOLE 2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION -/-
	PROPOSED CLEANOUT -/-
	PROPOSED AREA DRAIN 5/CV5.14
	PROPOSED TRENCH DRAIN 6/CV5.14

FOR REFERENCE ONLY
NO NEW WORK THIS SHEET



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

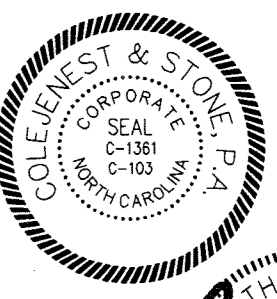
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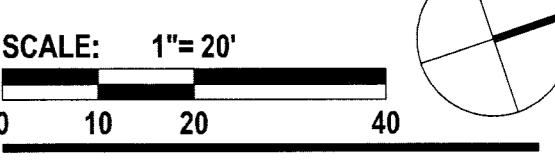
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Handwritten signature of M. Barstow
 M. BARSTOW
 ENGINEER
 04/22/10

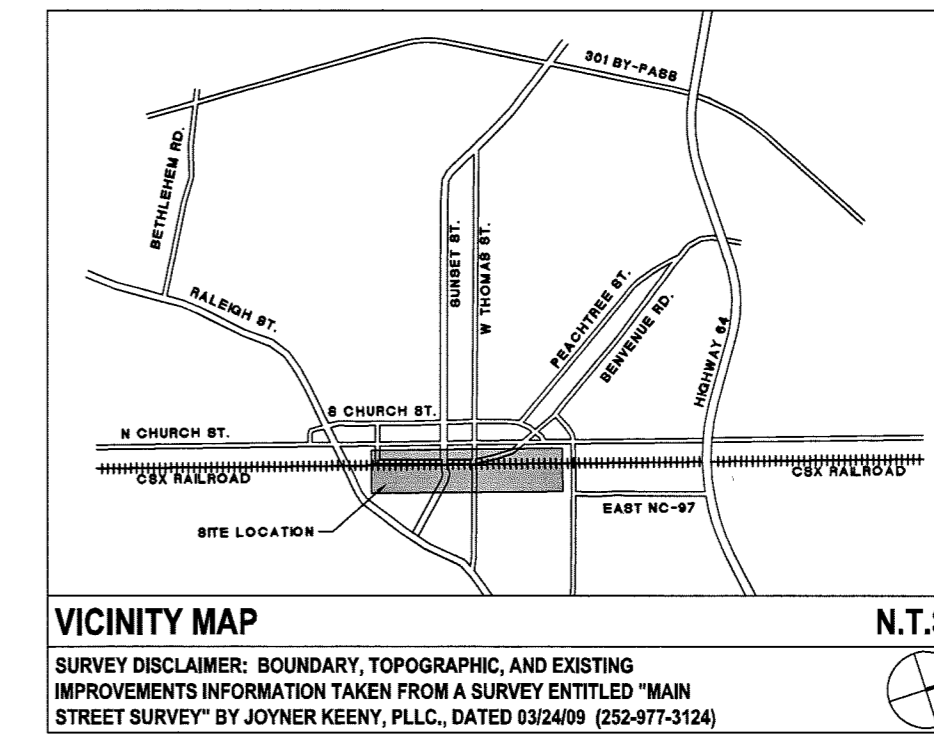
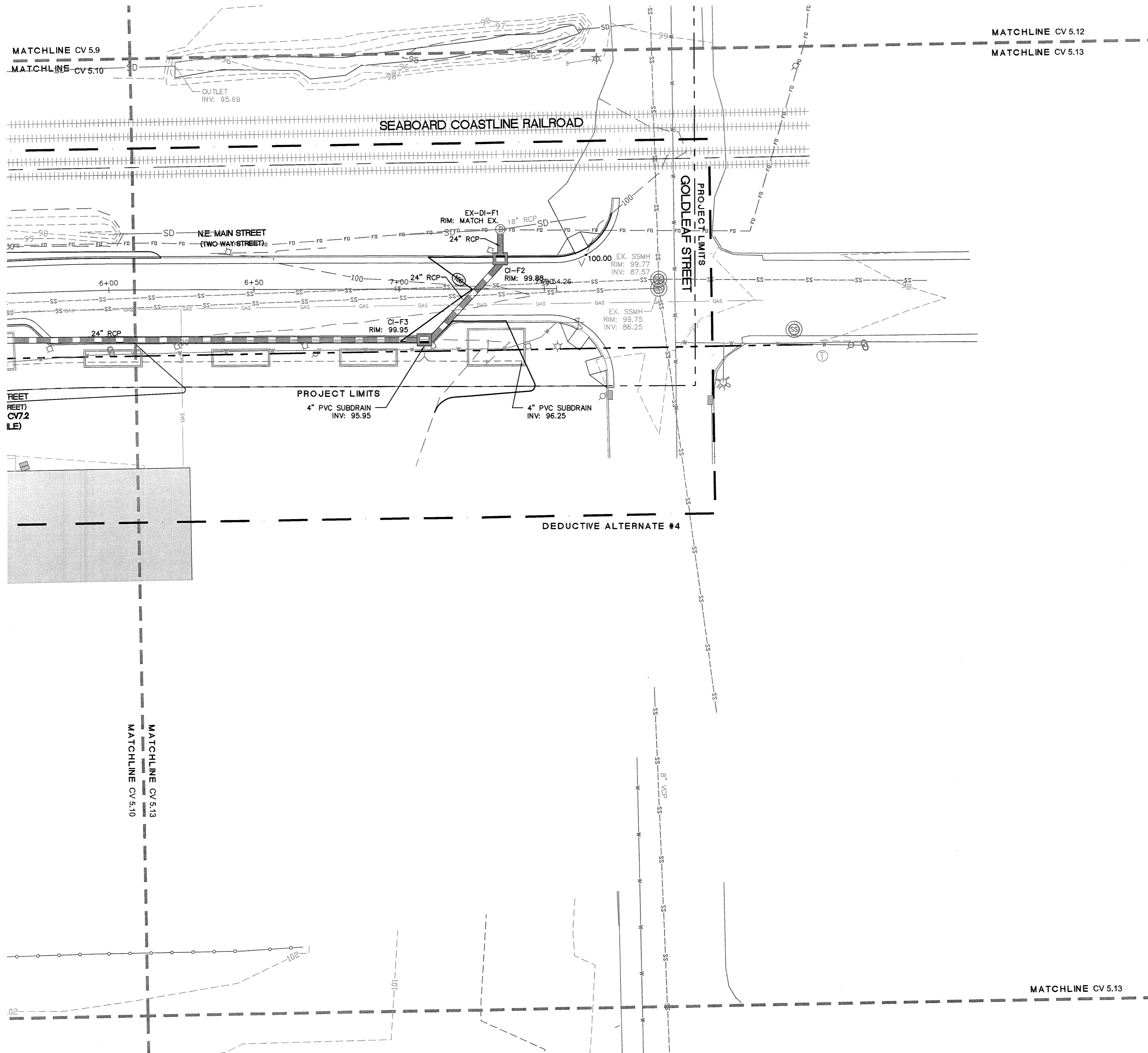


CV 5.12

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ColeJenest & Stone, P.A. 2006 ©

ORIGINAL



LEGEND (GRADING AND DRAINAGE)

SYMBOL	DETAIL	
	PROPOSED CONTOUR	-/-
	PROPOSED INDEX CONTOUR	-/-
	PROPOSED SPOT ELEVATION	-/-
	PROPOSED HIGH POINT	-/-
	PROPOSED DRAINAGE SWALE	-/-
	EXISTING STORM DRAINAGE	-/-
	PROPOSED STORM DRAINAGE	3, 7/CV5.14
	PROPOSED CATCH BASIN	9, 12/CV5.14
	PROPOSED STORM MANHOLE	2, 10, 13/CV5.14
	PROPOSED FLARED-END SECTION	-/-
	PROPOSED CLEANOUT	-/-
	PROPOSED AREA DRAIN	5/CV5.14
	PROPOSED TRENCH DRAIN	6/CV5.14



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

GRADING & DRAINAGE PLAN

PROJECT NUMBER:

50219

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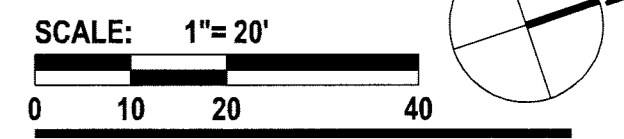
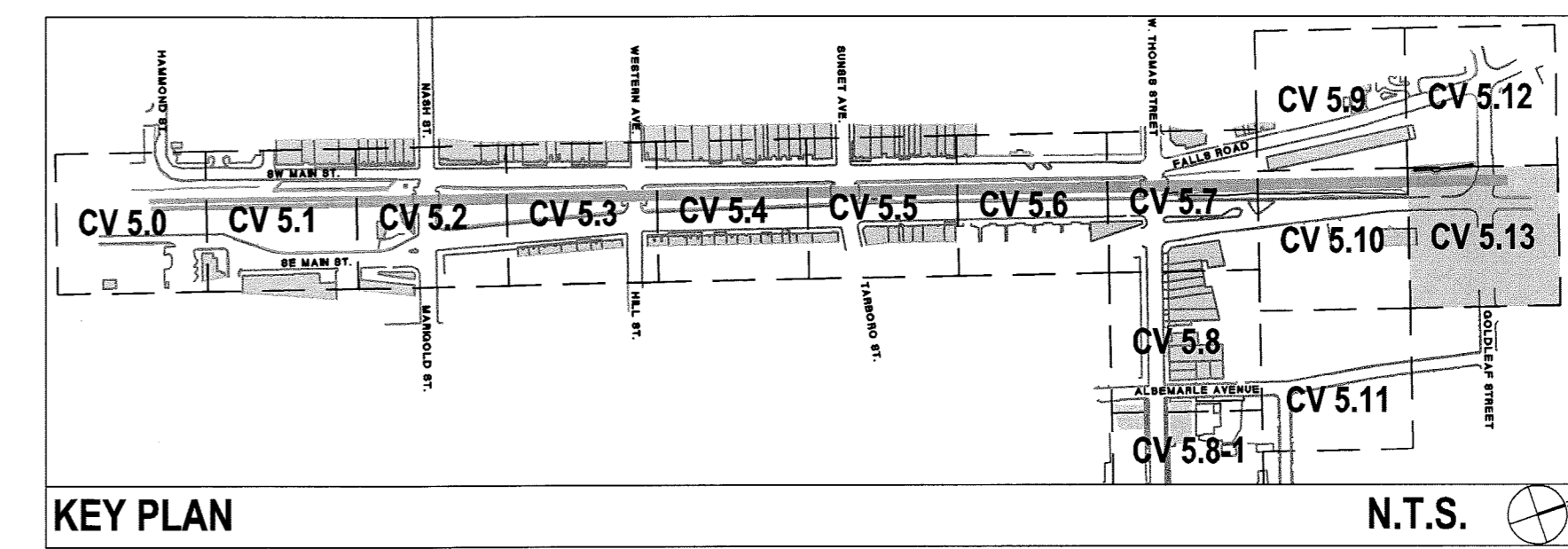
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SEE SHEET CV5.14 FOR GRADING & DRAINAGE NOTES AND STORM DRAINAGE SCHEDULE

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CV 5.13

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ORIGINAL

Table with columns: FROM, TO, SLOPE (ft/ft), LENGTH (ft), SDE (in), INV IN (ft), INV OUT (ft), U/S RIM ELEVATION (ft). Lists various drainage items like DI-A7, CI-A5, CI-A8, etc.

CI = CURB INLET
MH = MANHOLE JUNCTION
DI = DROP INLET
AD = AREA DRAIN
JB = JUNCTION BOX
ALL PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED; SEE BELOW.
ALL ROOF DRAINAGE PIPE SHALL BE 10" DIA. PVC UNLESS NOTED OTHERWISE ON DRAWINGS.

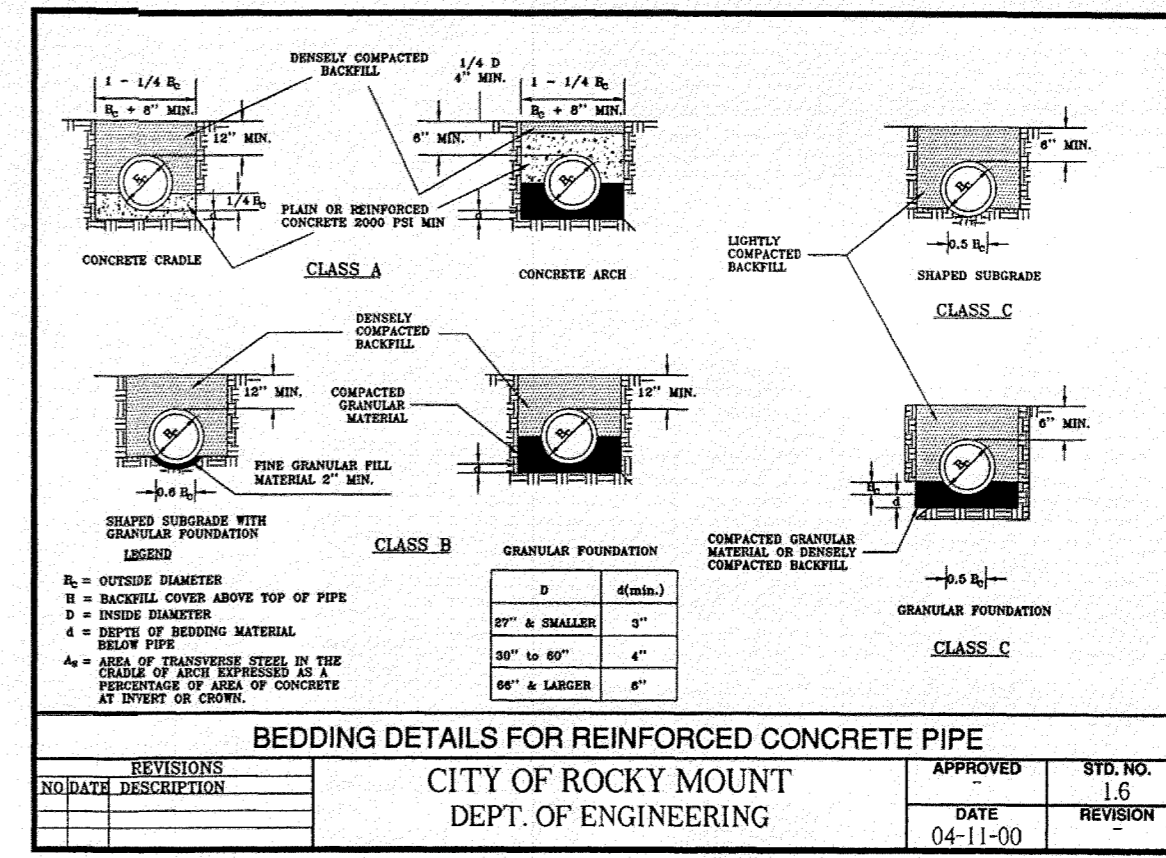
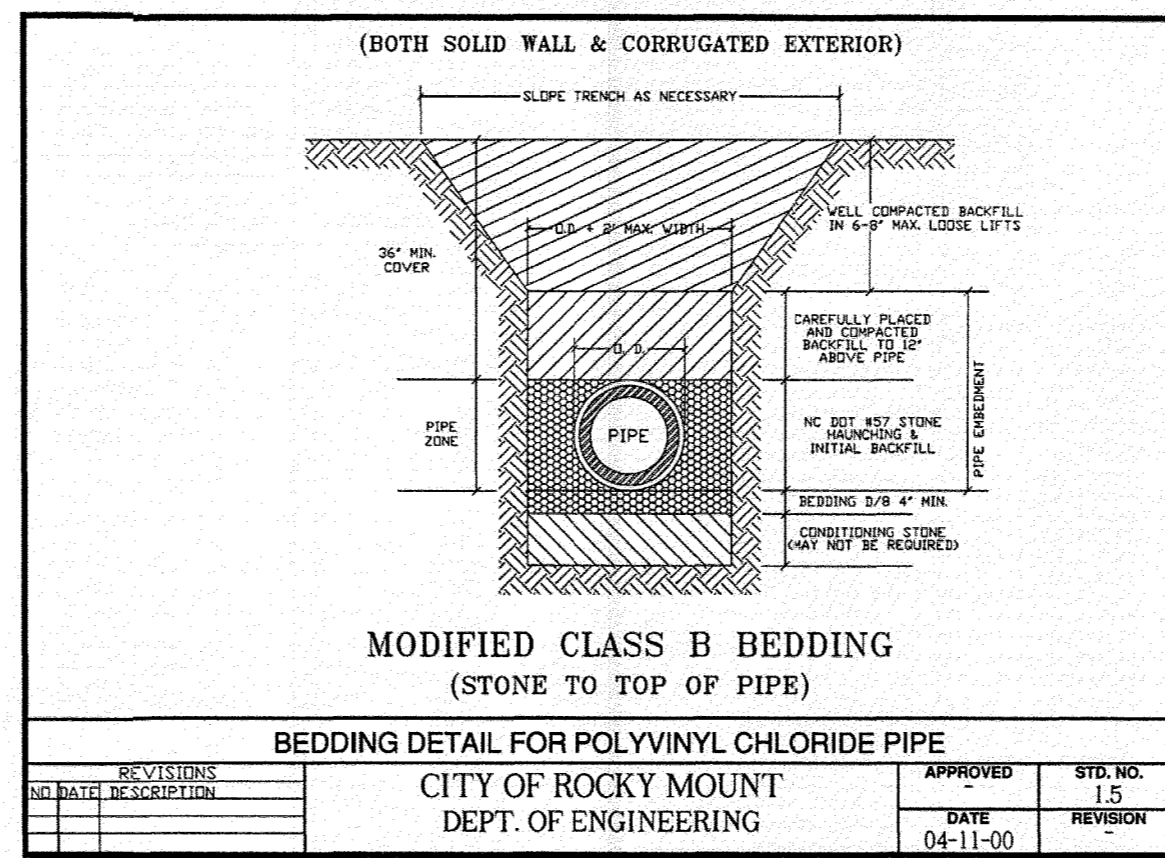
STORM DRAINAGE SCHEDULE

PVC PIPE BEDDING DETAIL

RCP BEDDING DETAIL

DEDUCTIVE/ADD ALTERNATE SCHEDULE

Table with columns: DED. ALT. #, Description of alternate schedules. Includes notes on contractor responsibilities and material specifications.



Notes for Precast Concrete Manhole. Includes instructions on joints, connections, and installation. Includes a revision table.

Diagram of Precast Concrete Manhole (Section A-A). Shows vertical cross-section with labels for manhole, frame, and bedding. Includes a revision table.

Diagram of Trench Drain (ACO® KlassicDrain K100S). Shows cross-section and plan views. Includes a revision table.

Diagram of Standard Manhole Ring & Cover. Shows cross-section and plan views. Includes a revision table.

Diagram of Masonry Catch Basin (Sheet 2 of 2). Shows plan, section, and elevation views. Includes a revision table.

Diagram of Masonry Catch Basin (Sheet 1 of 2). Shows plan, section, and elevation views. Includes a revision table.

Diagram of Area Drain. Shows plan and cross-section views. Includes a revision table.

Diagram of Manhole Ring and Cover. Shows plan and cross-section views. Includes a revision table.

MASONRY CATCH BASIN

MASONRY CATCH BASIN

AREA DRAIN

GRADING AND STORM DRAINAGE NOTES

Logos for Harris & Associates, Inc., MORTAR&ink, elm, HNTB, and City of Rocky Mount.

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS

GRADING & DRAINAGE

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

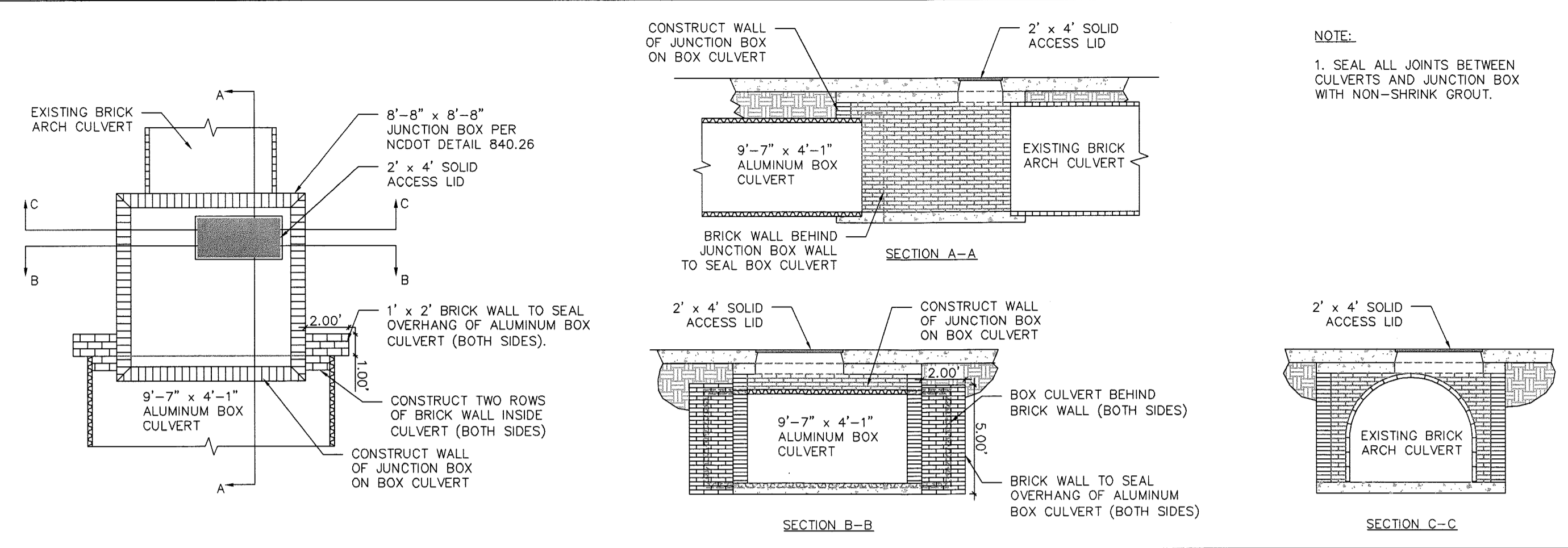
Table with columns: #, COMMENTS. Lists revision history for the project.

Professional Engineer seal for Robert M. Bannan, No. 55548, State of North Carolina.

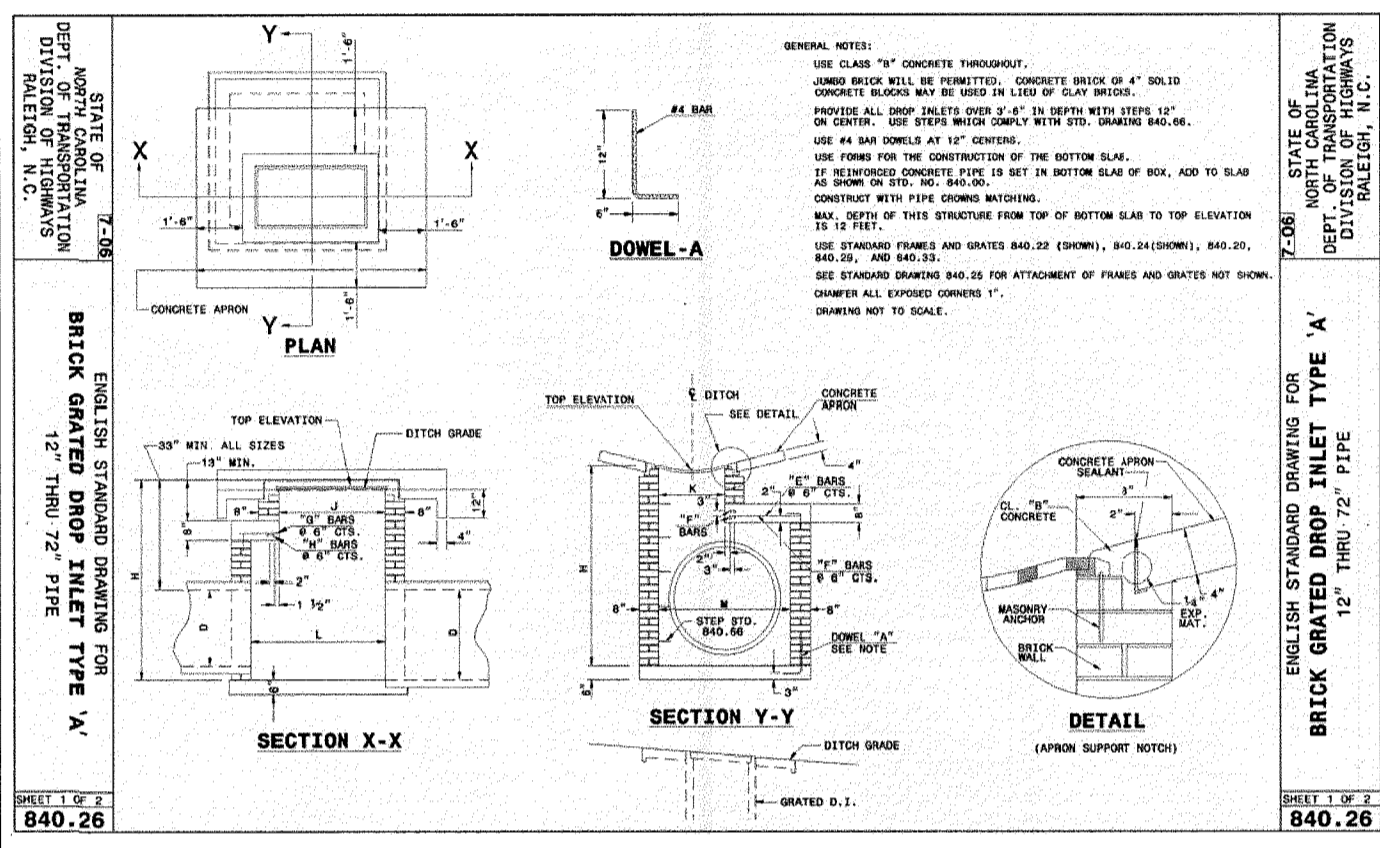
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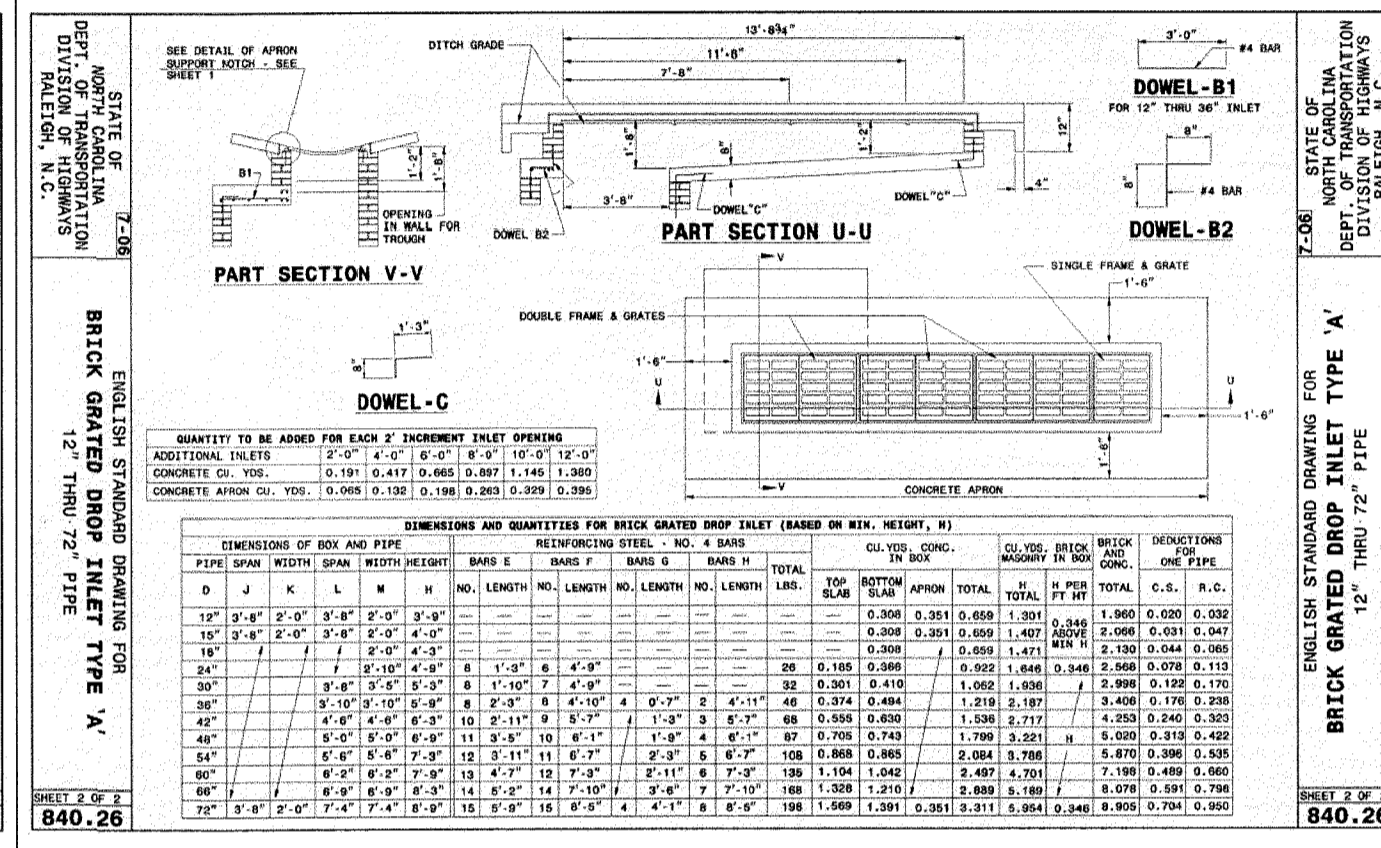
ColeJenest & Stone, P.A. 2008 ©



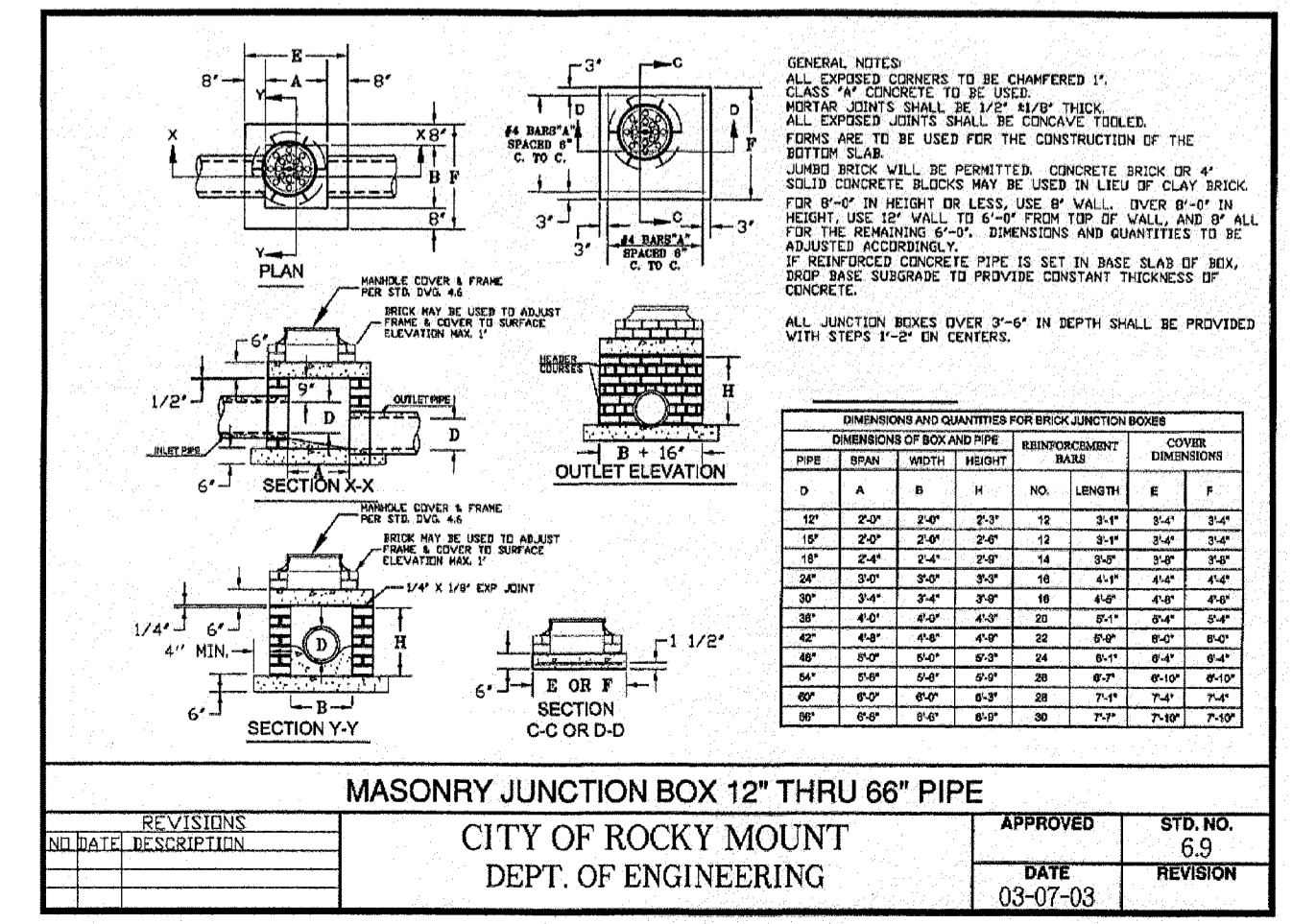
NCDOT JUNCTION BOX MODIFICATIONS FOR BOX AND ARCH CULVERTS 1" = 5' 4



JUNCTION BOX AT CULVERT CONNECTION 7



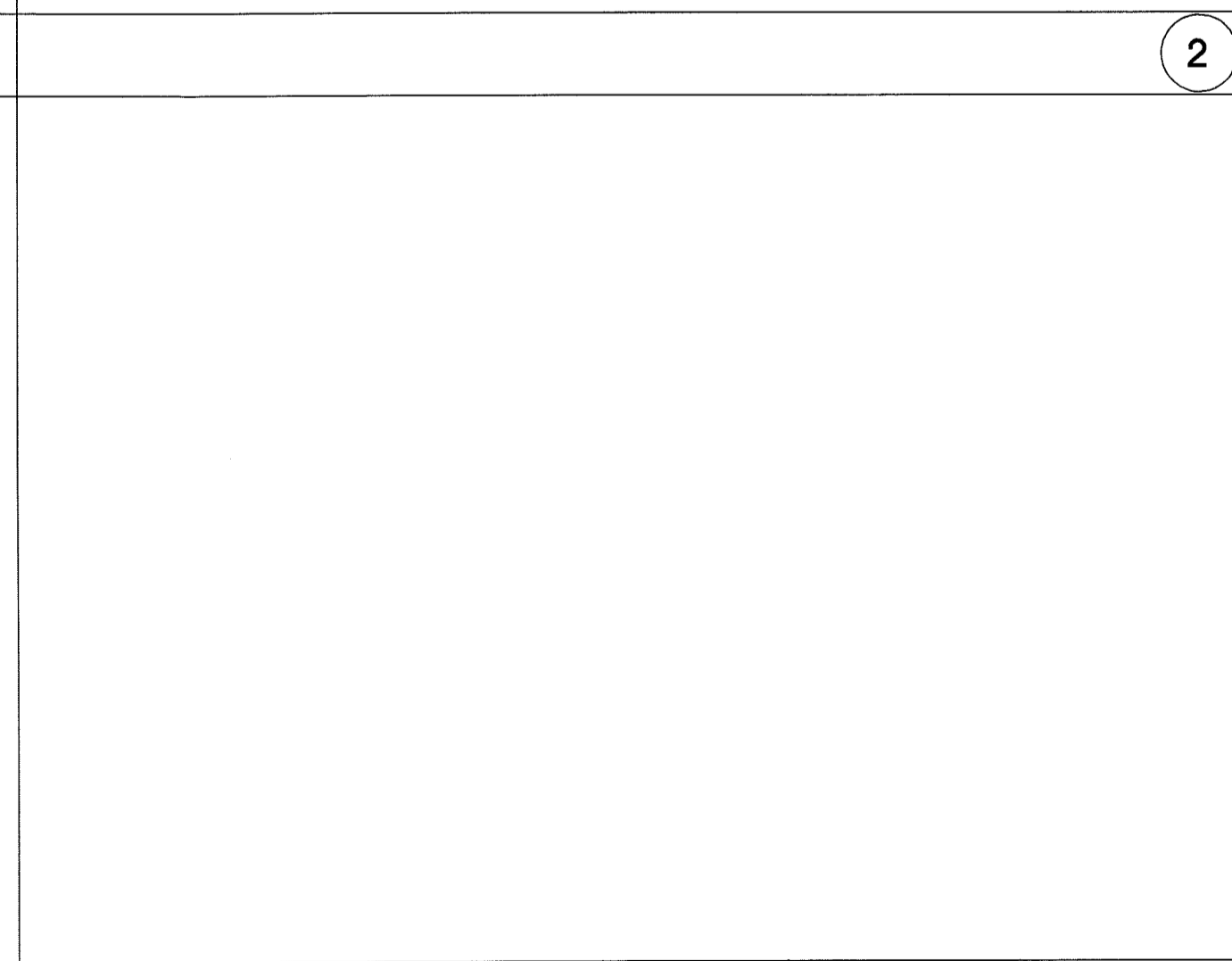
JUNCTION BOX AT CULVERT CONNECTION 3



MASONRY JUNCTION BOX 12" THRU 66" PIPE 9



JUNCTION BOX AT CULVERT CONNECTION 6



JUNCTION BOX AT CULVERT CONNECTION 2



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS

GRADING & DRAINAGE

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

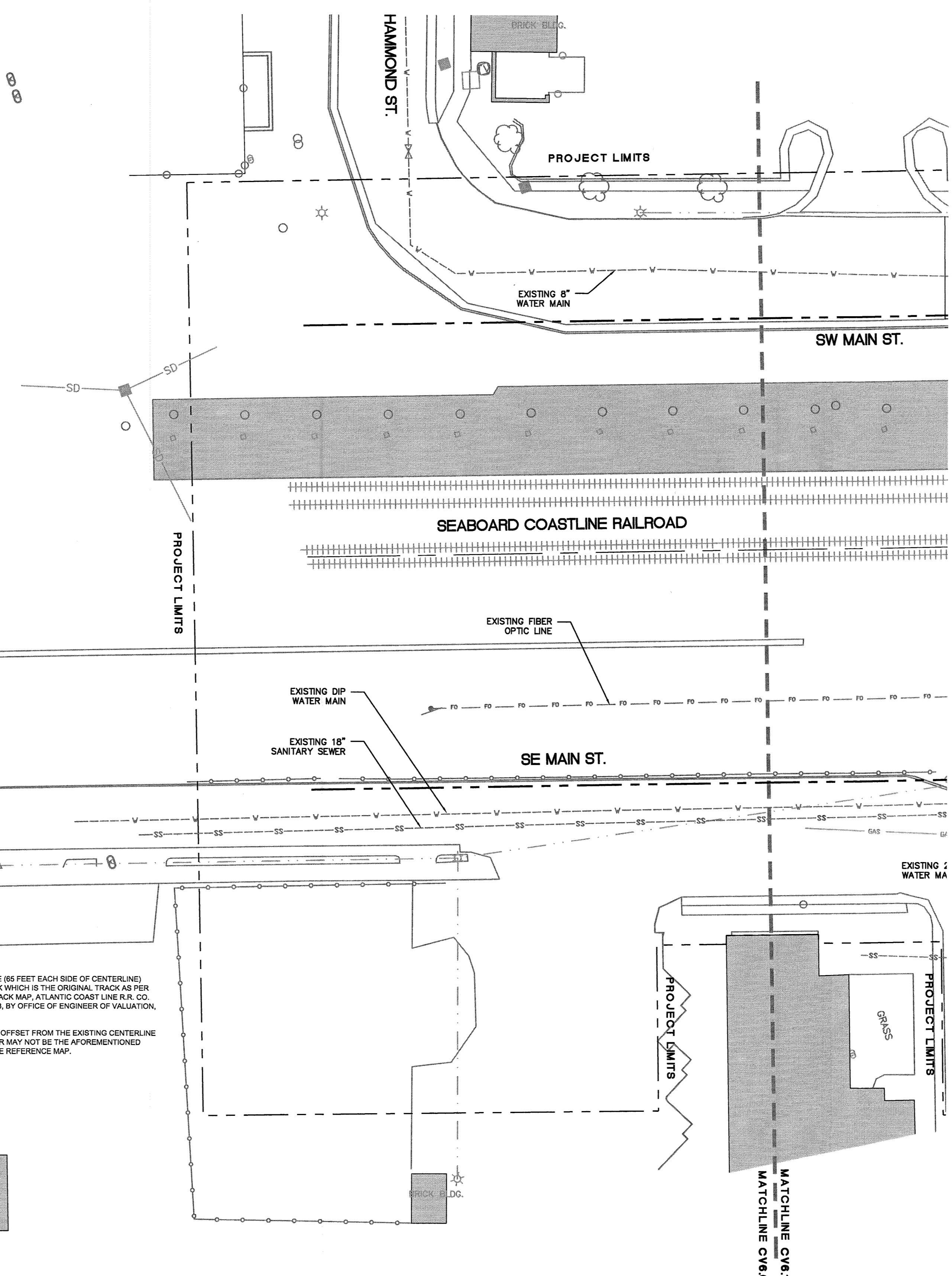
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UTILITY NOTES

1. ALL WATER AND SEWER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE NC DENR APPROVED CITY OF ROCKY MOUNT SPECIFICATIONS.
2. THE CONTRACTOR SHALL CONTACT THE RESPECTIVE UTILITY AT LEAST 48 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY ON WATER OR SEWER IMPROVEMENTS.
3. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT AND MAINTAIN UNINTERRUPTED SERVICE EXCEPT AS ALLOWED BY THE INSPECTOR.
4. WATER CONNECTIONS SHALL NOT BE BACKFILLED PRIOR TO APPROVAL BY THE INSPECTOR FOR THE UTILITY. AFTER BACKFILLING, FINISHED GRADE ABOVE TRENCH SHALL BE RESTORED TO ORIGINAL CONDITION.
5. FINAL CONNECTION TO EXISTING WATER MAIN TO BE MADE ONLY UPON THE SUCCESSFUL TESTING AND SAMPLING OF THE PROPOSED WATER MAINS.
6. THE CHLORINE IN HEAVILY CHLORINATED WATER FLUSHED FROM MAINS NEEDS TO BE NEUTRALIZED BEFORE DISCHARGE. CONTRACTORS MUST PROVIDE EQUIPMENT FOR NEUTRALIZING HEAVILY CHLORINATED WATER FLUSHED FROM MAINS DURING CONSTRUCTION PRIOR TO DISCHARGING THE WATER.
7. WATERLINE MAY BE FIELD ADJUSTED PER ENGINEER'S APPROVAL TO AVOID CONFLICTS WITH EXISTING UTILITIES.
8. ALL WATERLINE FITTINGS SHALL BE PROVIDED WITH CONCRETE THRUST BLOCKS AS PER DETAILS.
9. ALL JOINTS 45 FEET EACH SIDE OF FITTINGS AND VALVES SHALL BE RESTRAINED, UNLESS NOTED OTHERWISE.
10. THE ALLOWABLE PER JOINT DEFLECTION FOR PIPES TO BE LAID WITHOUT FITTINGS SHALL BE ONE-HALF THAT RECOMMENDED BY AWWA STANDARDS OR ONE-HALF THE MANUFACTURER'S ALLOWABLE LIMITS, WHICHEVER IS LESS.
11. ALL EXISTING WATER METERS SHALL BE RELOCATED TO PAVEMENT AT FACE OF BUILDING METERS TO BE LOCATED WHERE EXISTING SERVICE ENTERS BUILDING. CONTRACTORS TO MARK LOCATIONS AND CONTACT COLEJENEST & STONE, P.A. FOR SITE MEETING PRIOR TO RELOCATING WATER METERS.
12. THE FOLLOWING MINIMUM COVERS SHALL APPLY:
 WATER LINE - 42"
 GRAVITY SEWER UNDER ROADS, DRIVEWAYS AND PAVED AREAS - 66"
 GRAVITY SEWER UNDER NO TRAFFIC LOADS - 36"
 FORCE MAIN SEWER - 42"
13. WATERLINE IS SHOWN IN HORIZONTAL VIEW ONLY. CONTRACTOR TO INSTALL BENDS, FITTINGS, ETC. AS NECESSARY TO MEET CITY OF ROCKY MOUNT AND NC DENR-PWS WATERLINE STANDARDS.
14. TRAFFIC CONTROL IN ROADS SHALL BE PER THE GUIDELINES SET FORTH IN THE MUTCD.
15. ALL PROPOSED FIRE HYDRANTS SHALL RECEIVE FLOW THROUGH A MINIMUM 6" LINE.
16. CONTRACTOR SHALL REPLACE EXISTING SANITARY SEWER CLEAN-OUT CAPS WITH BRASS CAPS, PER CITY OF ROCKY MOUNT STANDARD DETAIL 4.12.
17. VENDOR QUICK-CONNECT ASSEMBLY AND VALVES SHALL BE PROVIDED BY WATTS WATER TECHNOLOGIES, OR APPROVED EQUAL.
18. VENDOR QUICK-CONNECT ASSEMBLY LOCATIONS SHOULD BE COORDINATED WITH IRRIGATION PLANS AND ANY CONNECTION TO THE 1.5" IRRIGATION MAIN LINE BE VERIFIED TO AVOID CONFLICTS WITH IRRIGATION LAYOUT PRIOR TO QUICK-CONNECT INSTALLATION.
19. THE CITY OF ROCKY-MOUNT WILL BE SOLELY RESPONSIBLE FOR MAINTENANCE AND OPERATION OF QUICK-CONNECTS AND WILL ENSURE APPARATUS REMAINS LOCKED WHILE IN USE. THE CITY SHALL CONDUCT A THOROUGH FLUSH OF THE ENTIRE IRRIGATION SYSTEM AND TEST FOR CHLORINE RESIDUE PRIOR TO USE OF THE QUICK-CONNECT.
20. THE CITY OF ROCKY-MOUNT WILL MONITOR QUICK-CONNECT USE AND TEMPORARILY SHUT OFF THE IRRIGATION SYSTEM TO PRECLUDE A DROP IN WATER PRESSURE THROUGH THE QUICK-CONNECT WHILE IN SERVICE.
21. EXISTING WATER MAIN AND SANITARY SEWER SIZES HAVE BEEN PROVIDED BY THE CITY OF ROCKY MOUNT AND THE SURVEY. THE CONTRACTOR SHALL VERIFY ALL WATER MAIN AND SANITARY SEWER SIZES AND LOCATIONS. THE CONTRACTOR SHOULD CONTACT THE ENGINEER IF ANY DISCREPANCIES FROM THE PLANS ARE FOUND.

RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.
 THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE FOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.

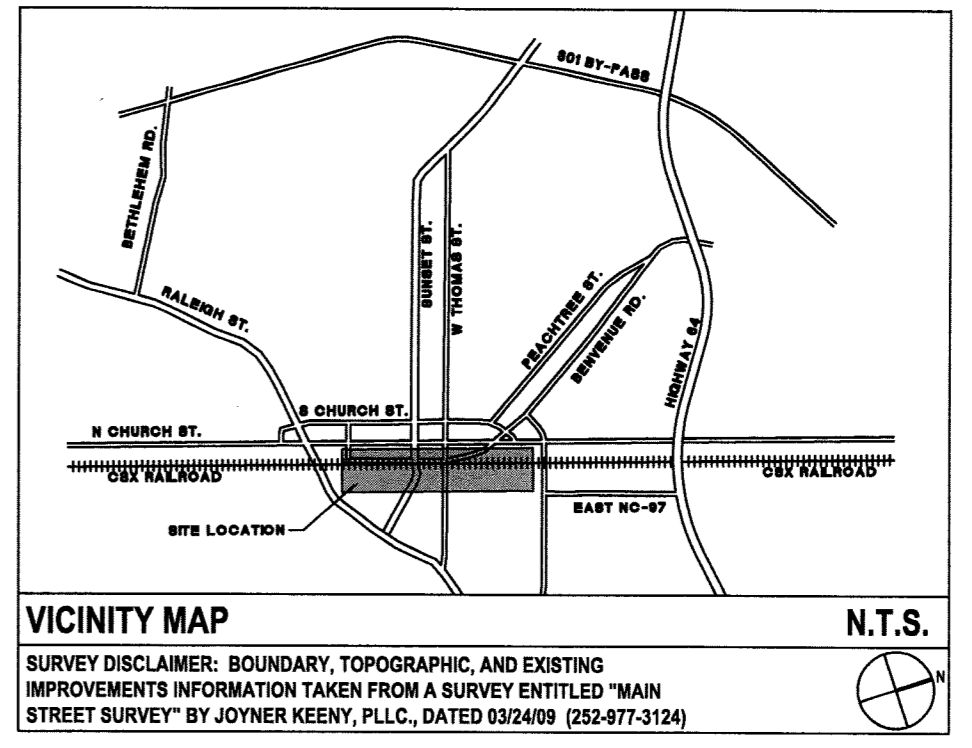
SUMMARY OF WATER MAINS & HYDRANTS			
SIZE	LENGTH	SIZE	LENGTH
4"	1,952± L.F.	8"	980± L.F.
6"	200± L.F.		
TOTAL NO. FIRE HYDRANTS: 9 (EXISTING TO BE RELOCATED)			

STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982

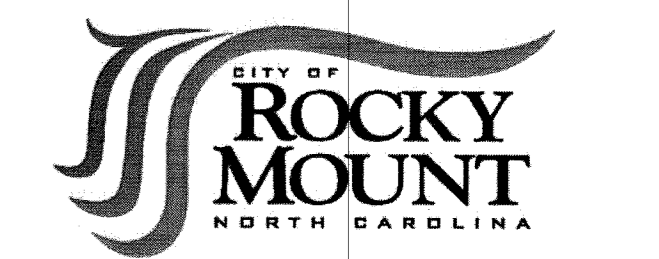
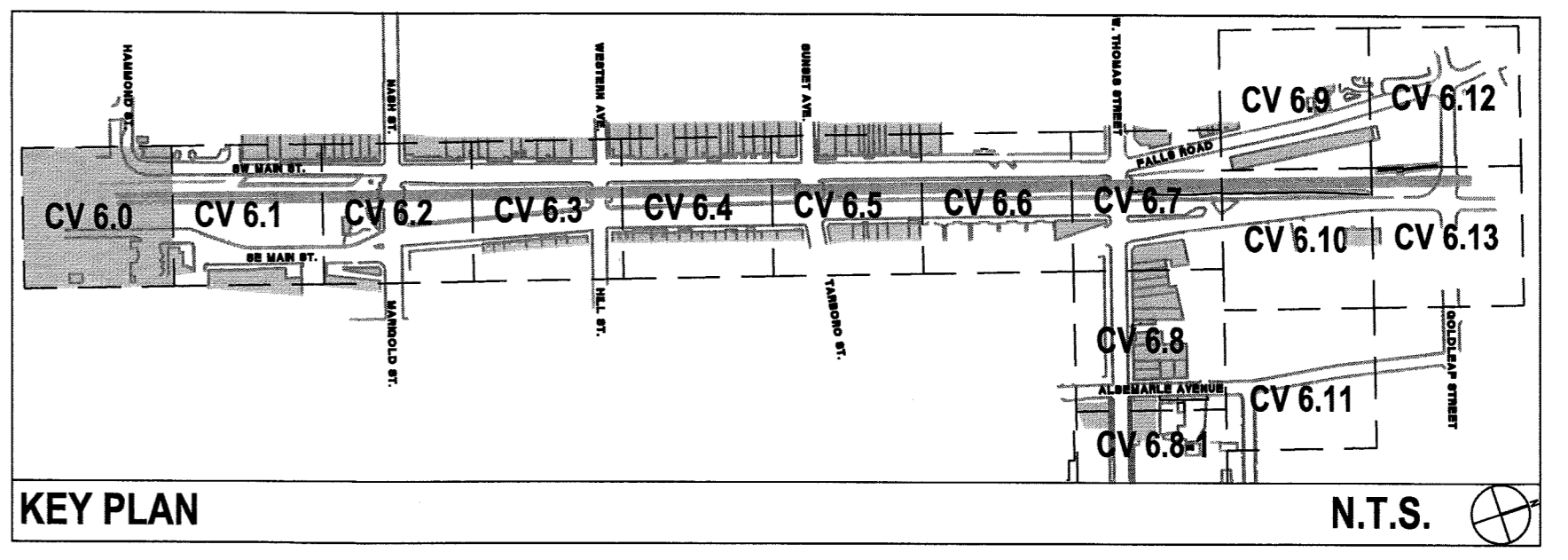


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LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
	PROPOSED WATER LINE 5/CV6.15
	PROPOSED GATE VALVE 6, 8, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT 1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

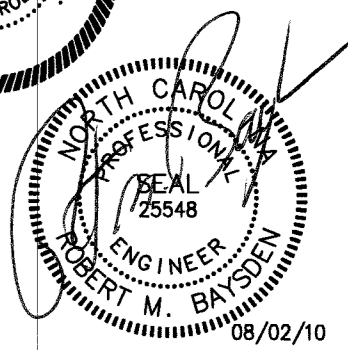
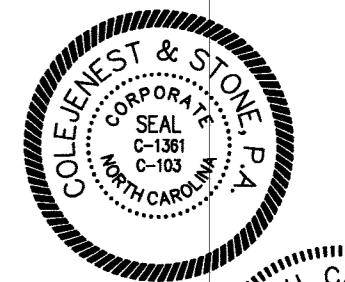
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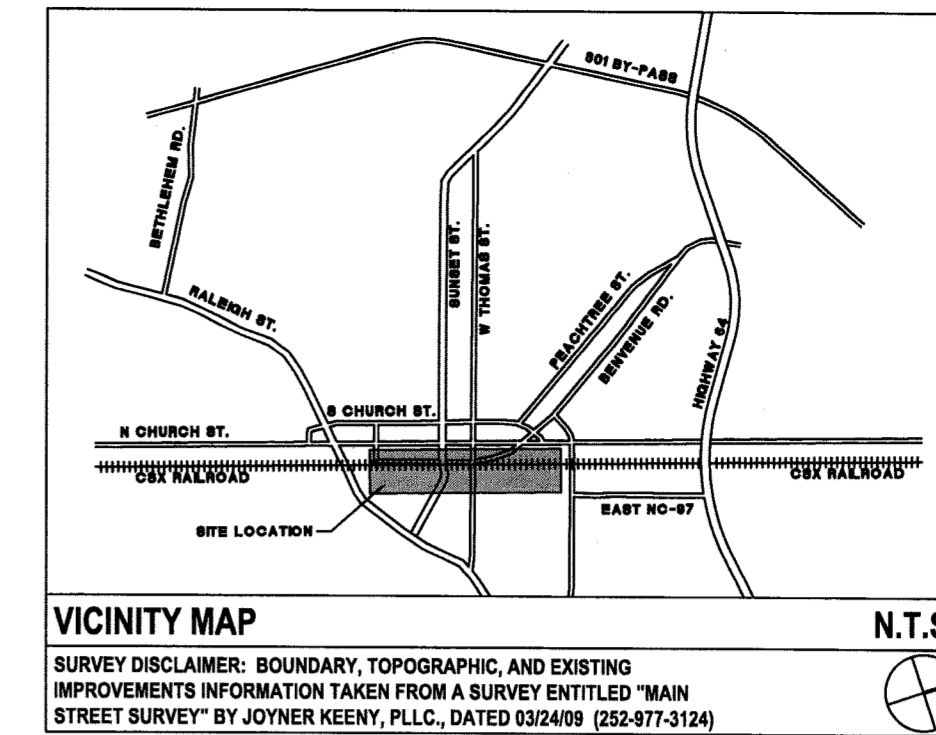
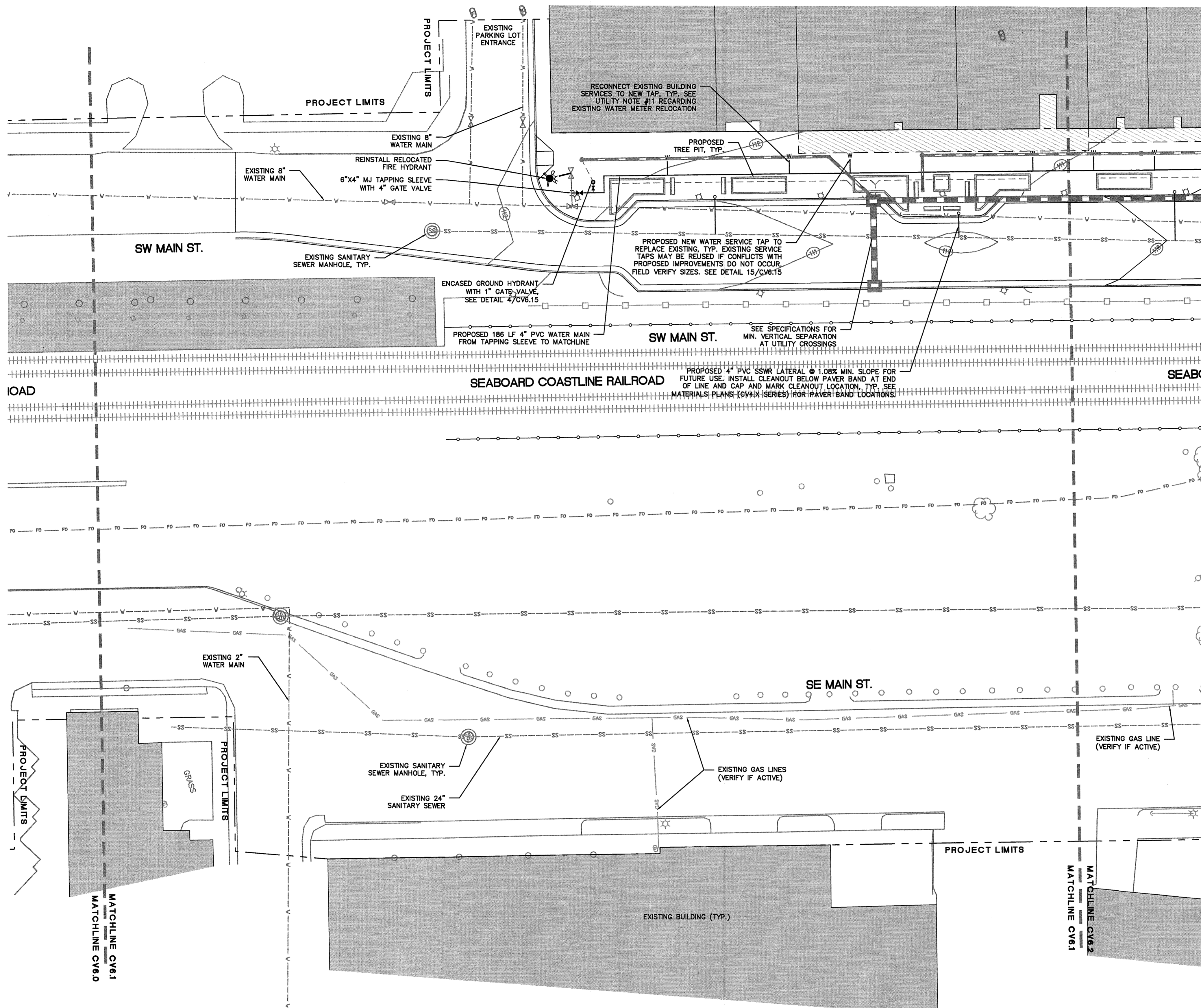
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SCALE: 1"=20'

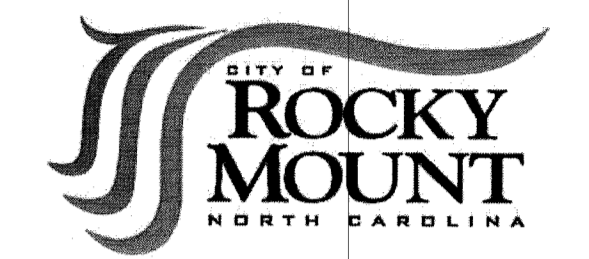
CV 6.0

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 ColeJenest & Stone, P.A. 2008 ©



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER
	EXISTING WATER METER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING FIBER OPTIC
	EXISTING GAS
	PROPOSED WATER LINE
	PROPOSED GATE VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED ENCASED GROUND HYDRANT
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

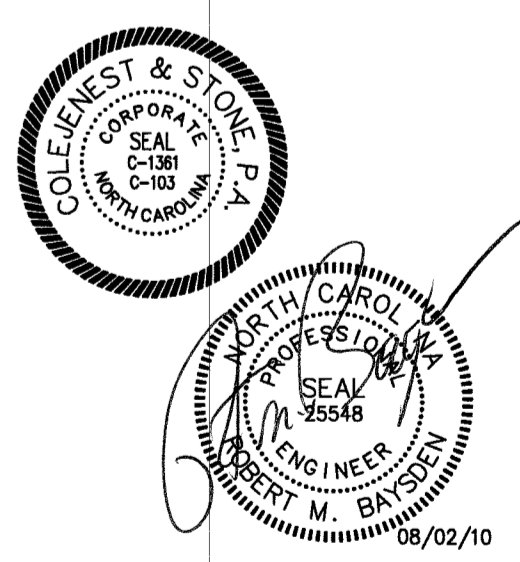
50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

DATE	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
	2	
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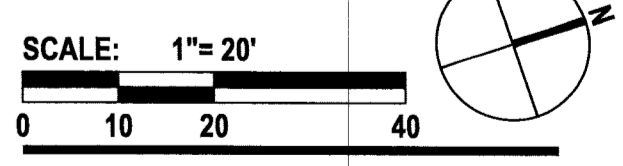
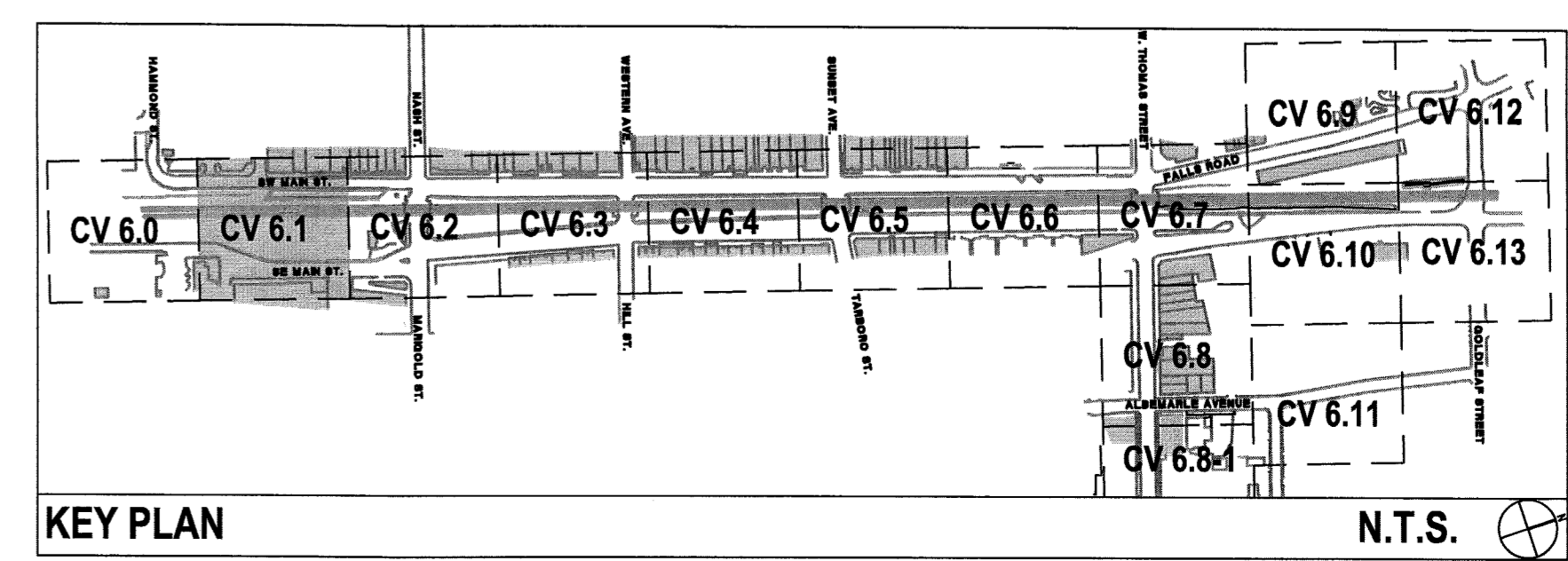


SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-832-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
- CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL WAIT FOR INSTRUCTION FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

STANDARD SPECIFICATIONS

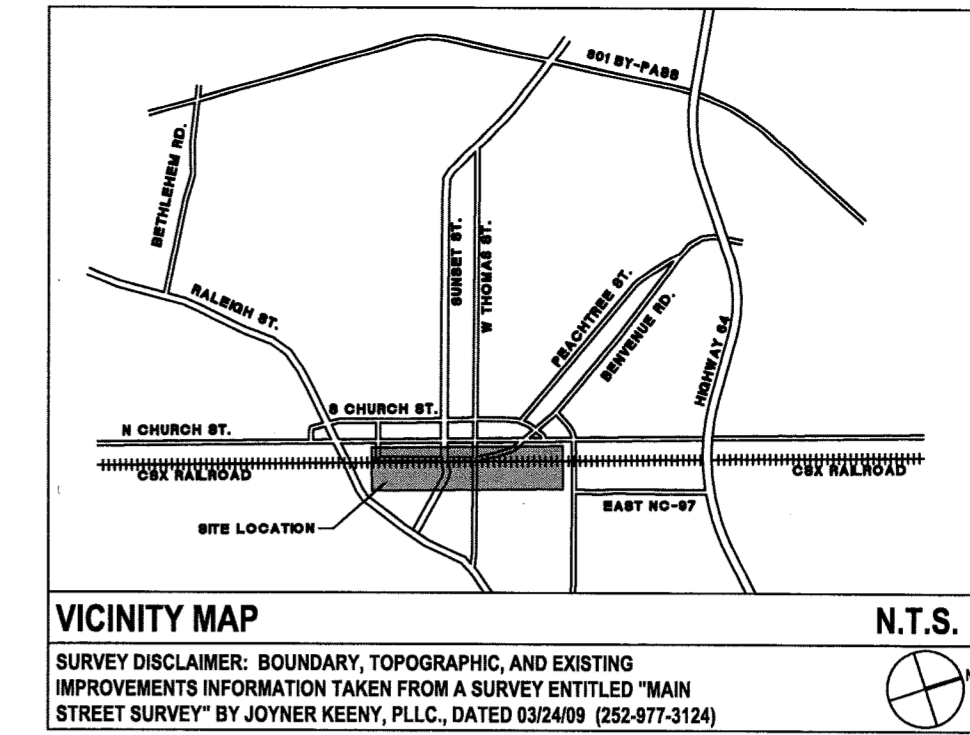
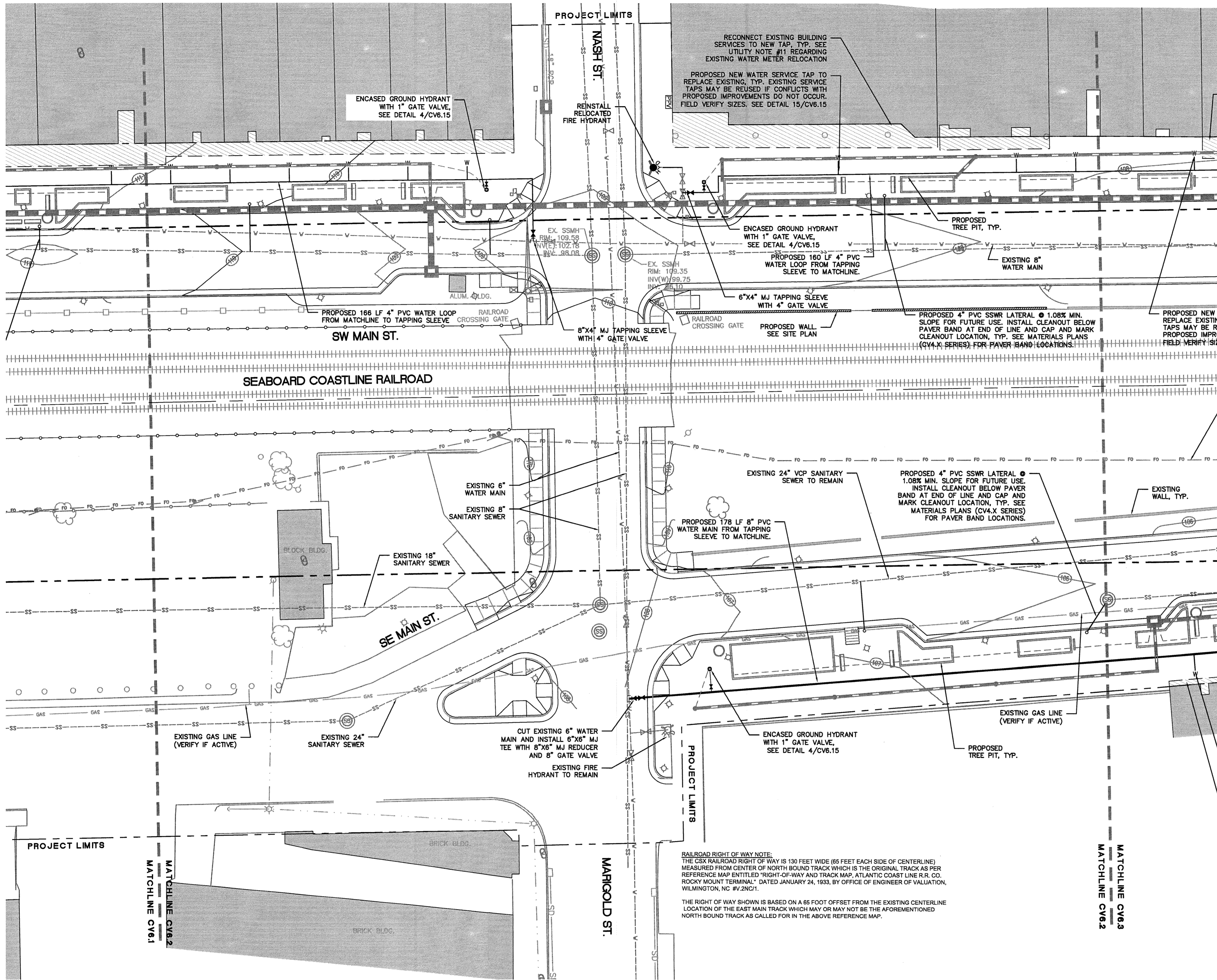
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



CV 6.1

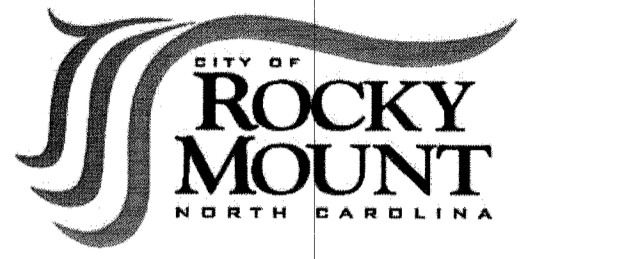
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ColeJenest & Stone, P.A. 2008 ©



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER
	EXISTING WATER METER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING FIBER OPTIC
	EXISTING GAS
	PROPOSED WATER LINE
	PROPOSED GATE VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED ENCASED GROUND HYDRANT
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:
50219

ISSUED:
06.22.10

REVISED: # COMMENTS:

DATE	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
	2	
	3	
	4	
	5	
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	7	
	8	
	9	
	10	

RAILROAD RIGHT OF WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC. #V.2NC1.
 THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFORESAID NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.

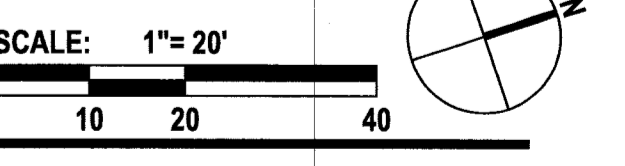
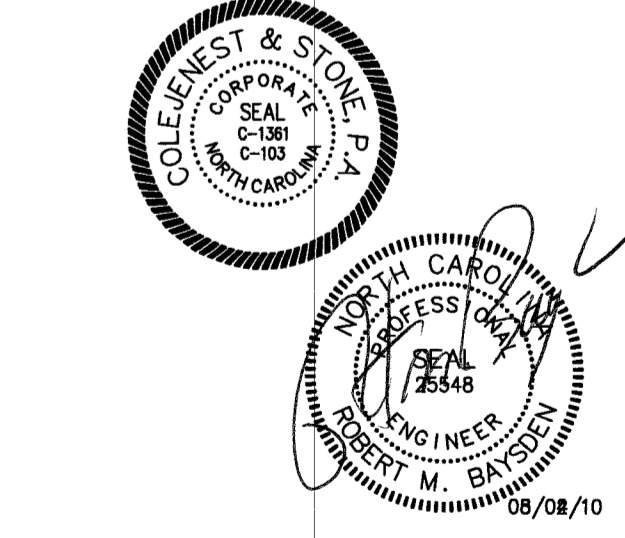
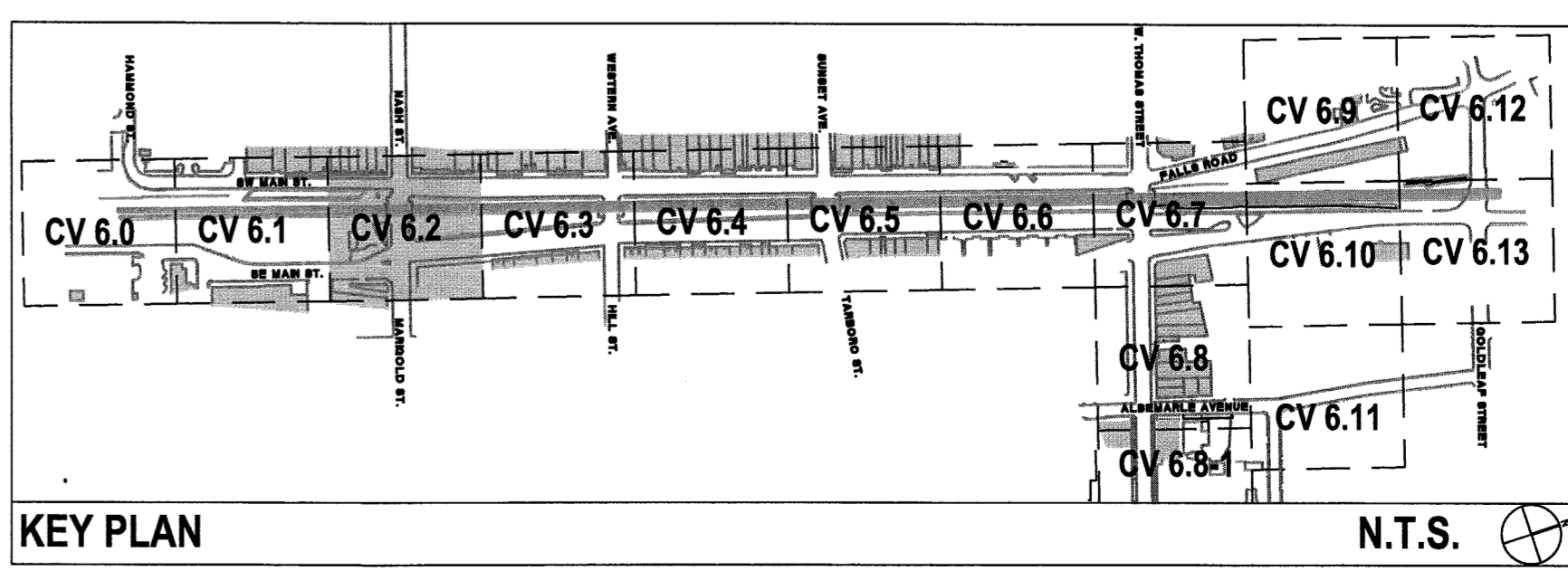
SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-832-4849) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
- CONTRACTOR SHALL NOTIFY ENGINEER OF LOCATIONS WHERE CONFLICTS ARE IDENTIFIED. CONTRACTOR SHALL WAIT FOR INSTRUCTION FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

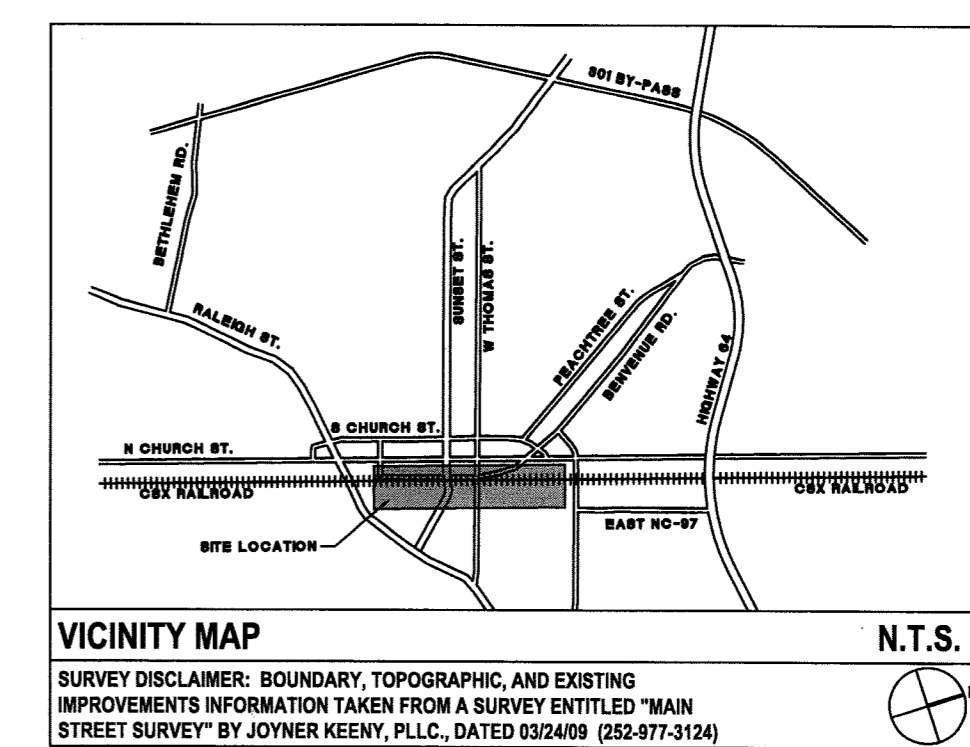
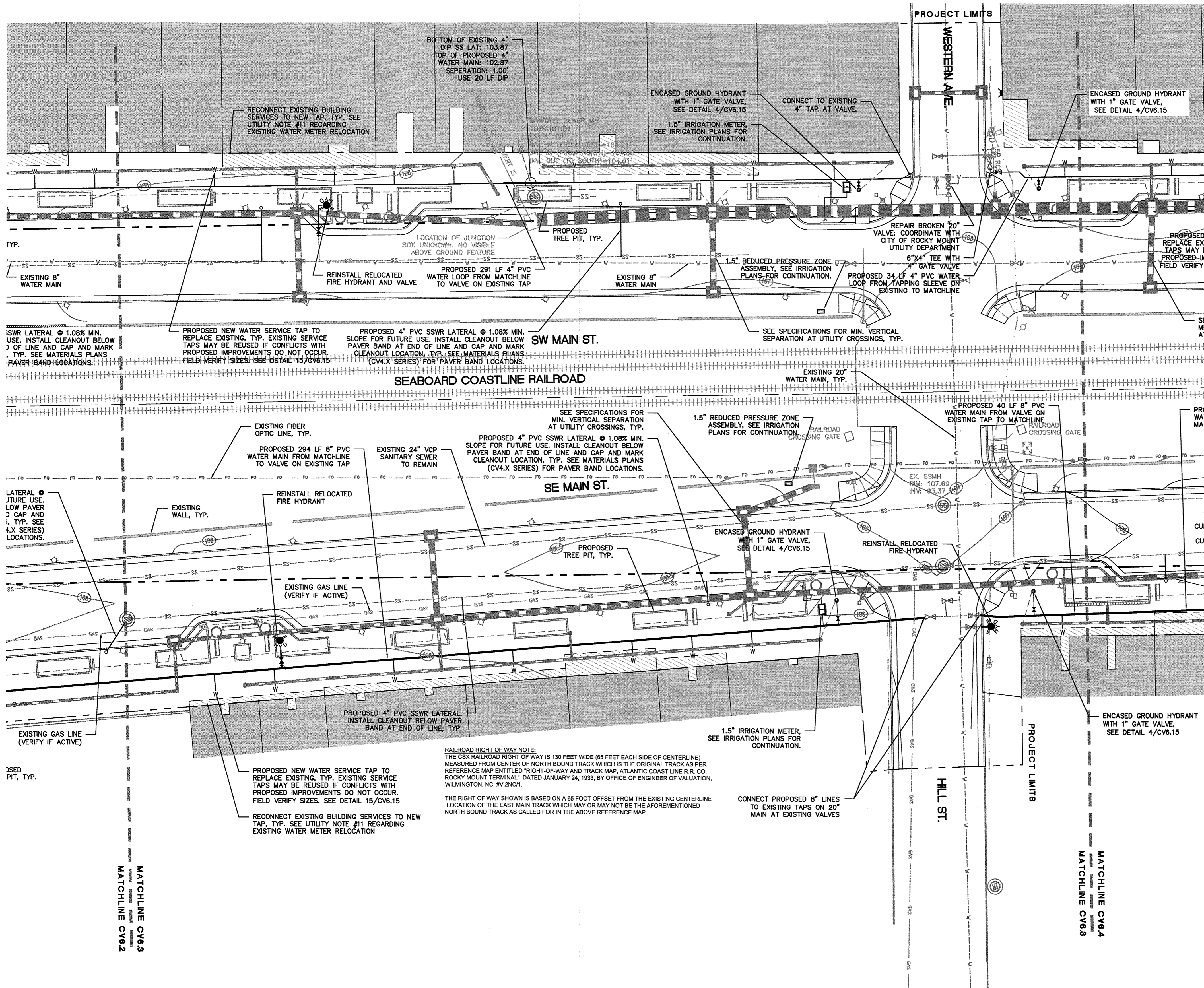


STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



CV 6.2
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LEGEND (UTILITIES)

SYMBOL	DESCRIPTION	DETAIL
---	EXISTING WATER	-/-
⊙	EXISTING WATER METER	-/-
⊕	EXISTING FIRE HYDRANT	-/-
---	EXISTING SANITARY SEWER	-/-
⊙	EXISTING SANITARY SEWER MANHOLE	-/-
---	EXISTING FIBER OPTIC	-/-
---	EXISTING GAS	-/-
---	PROPOSED WATER LINE	5/CV6.15
⊕	PROPOSED GATE VALVE	6, 9, 10, 12 & 13/CV6.15
⊕	PROPOSED FIRE HYDRANT	1 & 2/CV6.15
⊕	PROPOSED ENCASED GROUND HYDRANT	4/CV6.15
---	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT	8 & 11/CV6.15

Harris & Associates, Inc.
Construction Consultants

MORTAR&ink
Graphic Design for the Built World

elm
Environmental Management

HNTB
Engineering, Architecture, Construction Management

City of Rocky Mount, North Carolina

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER: **50219**

ISSUED: **06.22.10**

REVISED: # COMMENTS:

NO.	DATE	REVISION
1	08.02.10	ENCASED GROUND HYDRANTS
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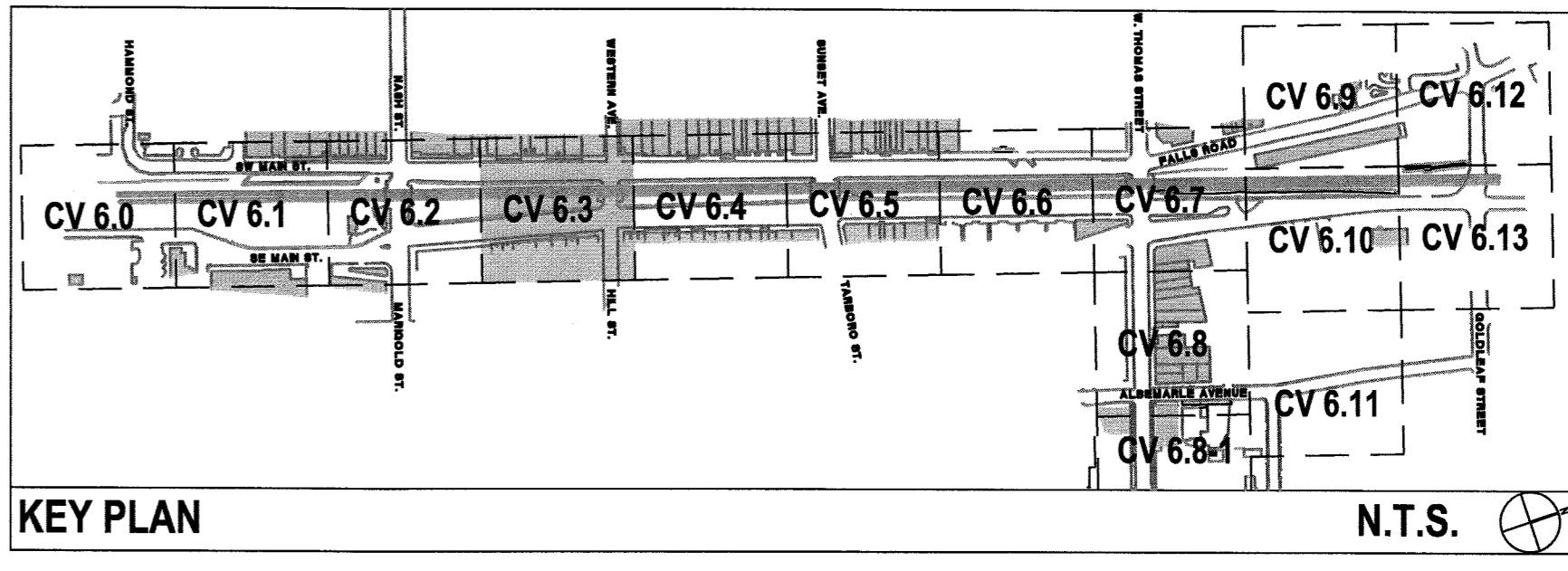
SEE SHEET CV 6.0 FOR UTILITY NOTES.



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STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



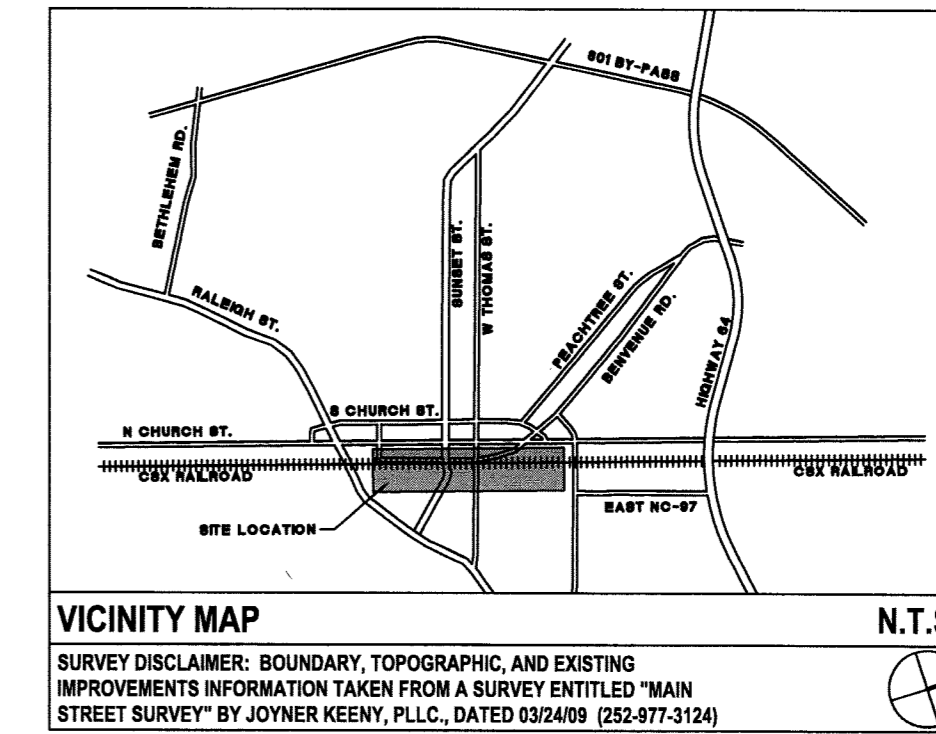
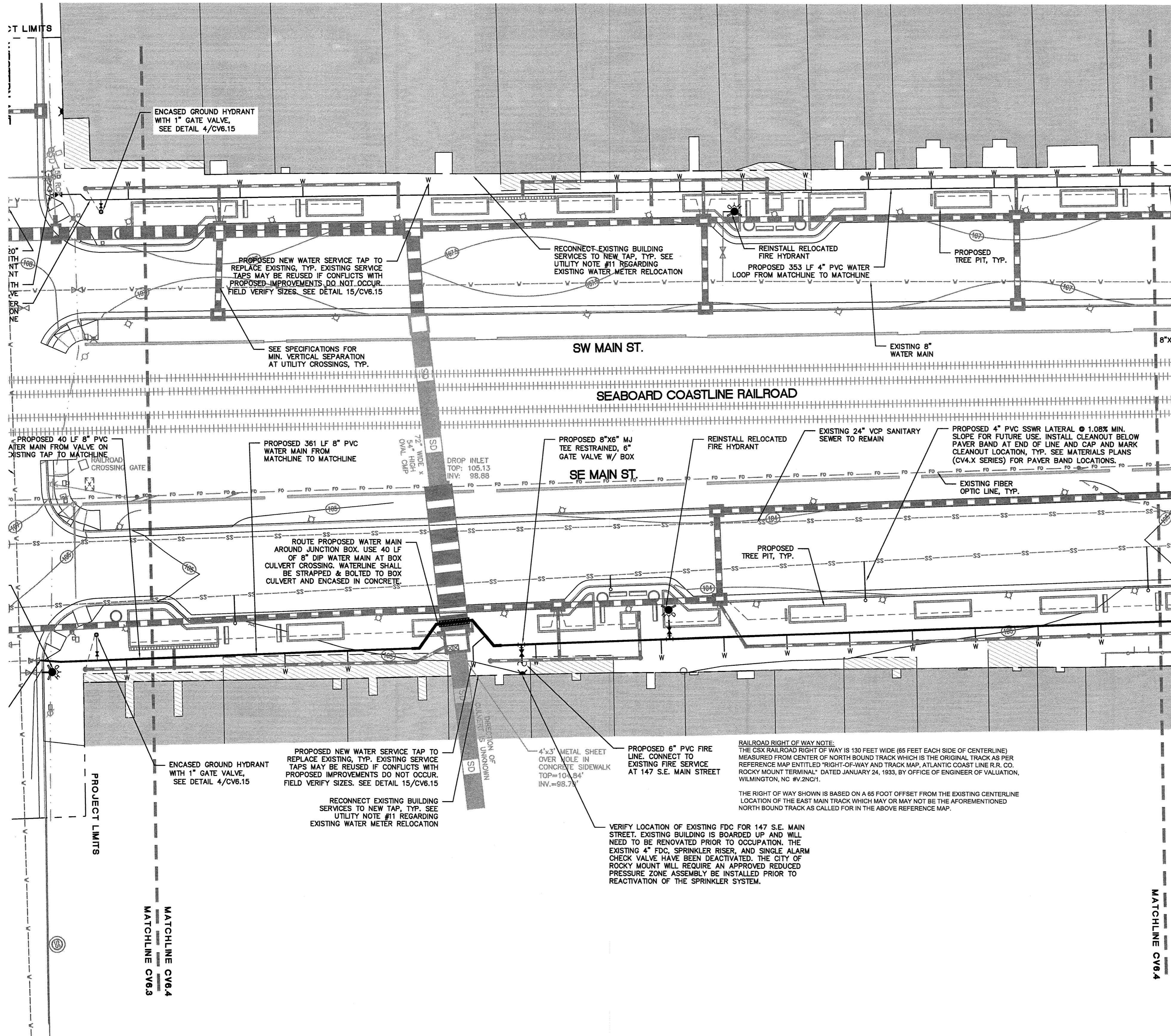
COLEJENEST & STONE, P.A.
Professional Engineer
No. 12345
08/02/10

SCALE: 1"=20'

CV 6.3

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LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER
	EXISTING WATER METER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING FIBER OPTIC
	EXISTING GAS
	PROPOSED WATER LINE
	PROPOSED GATE VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED ENCASED GROUND HYDRANT
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

NO.	DATE	DESCRIPTION
1	08.02.10	ENCASED GROUND HYDRANTS
2		
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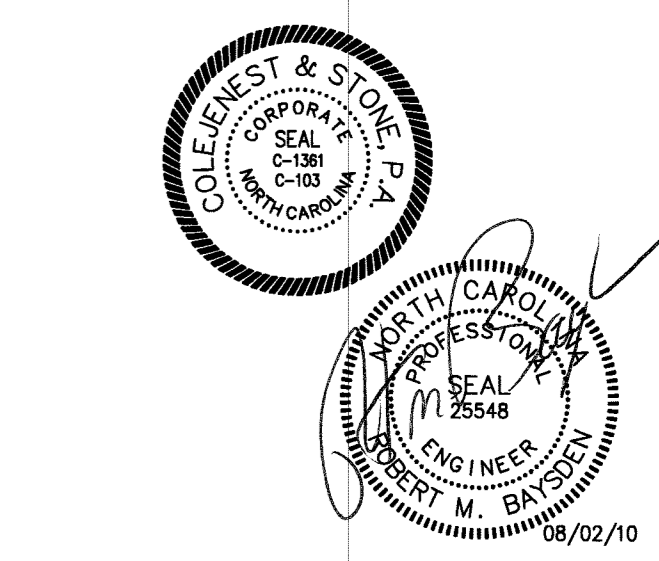
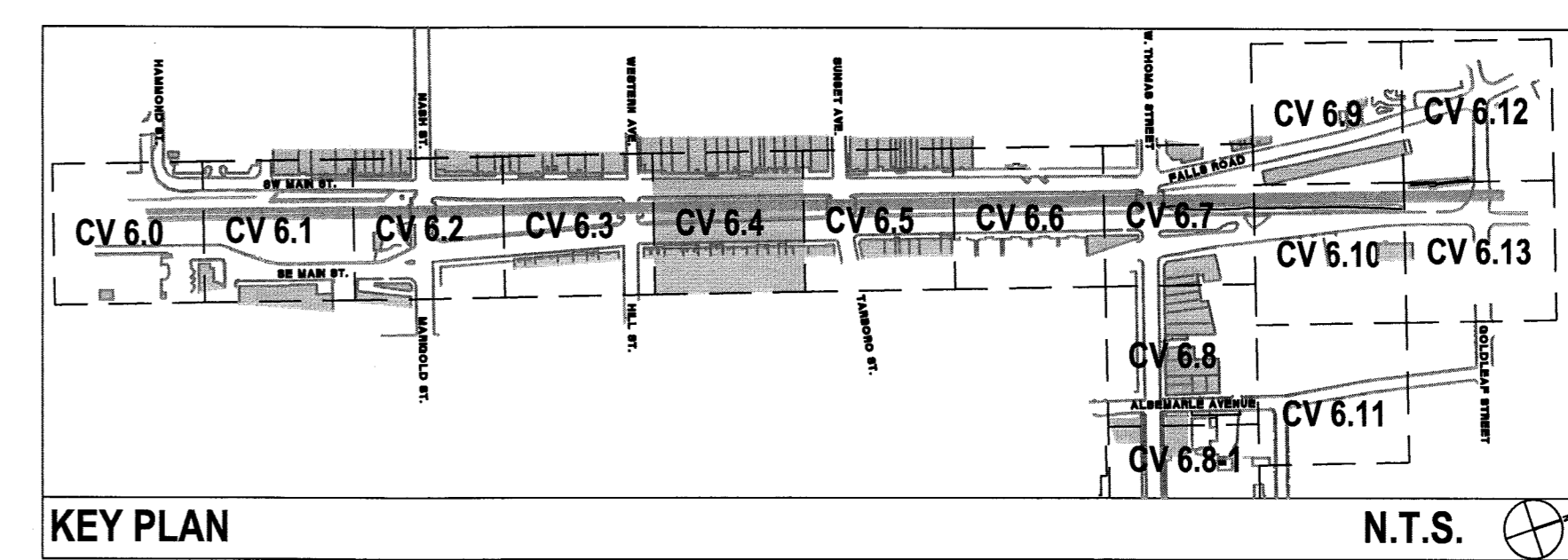
SEE SHEET CV 6.0 FOR UTILITY NOTES.



- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

STANDARD SPECIFICATIONS

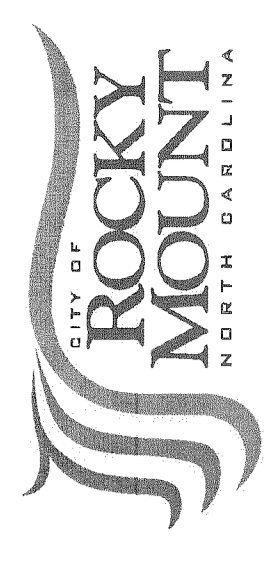
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



SCALE: 1"= 20'

CV 6.4

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**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

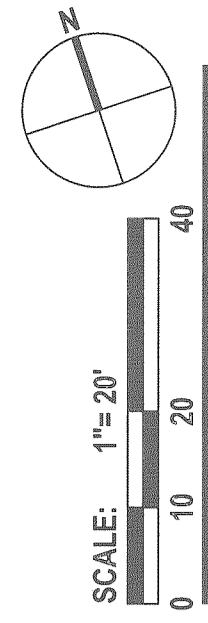
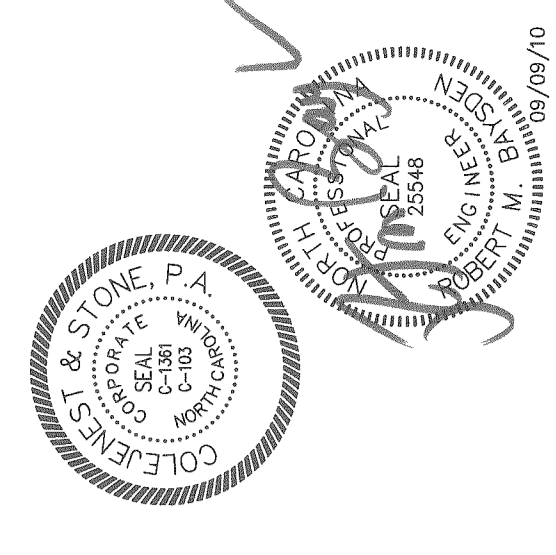
UTILITIES PLAN

PROJECT NUMBER:
50219

ISSUED:
06.22.10

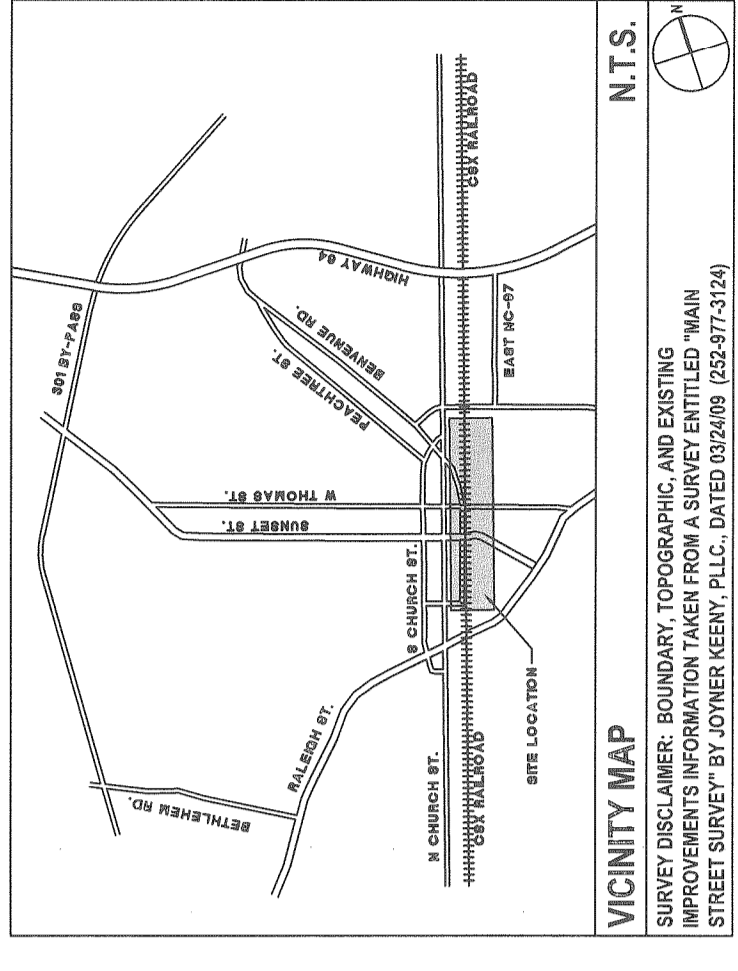
REVISED: # COMMENTS:

08.02.10	1	ENCASED GROUND HYDRANTS
09.09.10	2	APPENDUM #2
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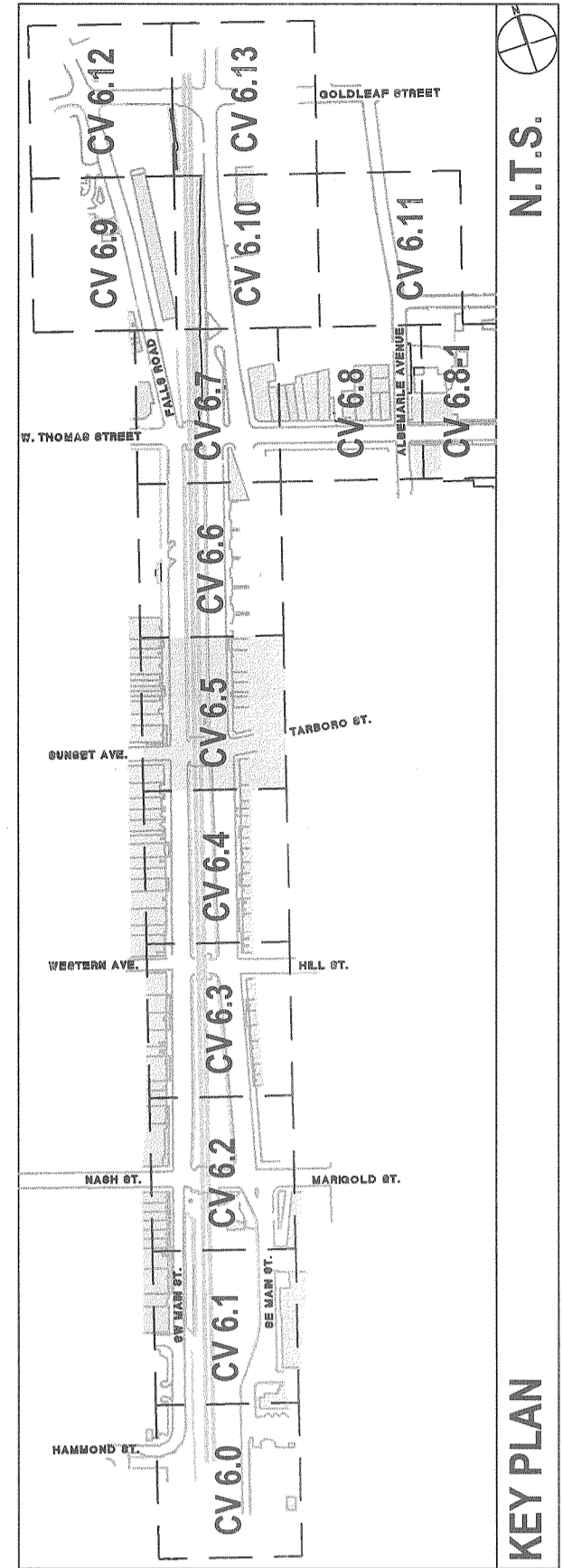
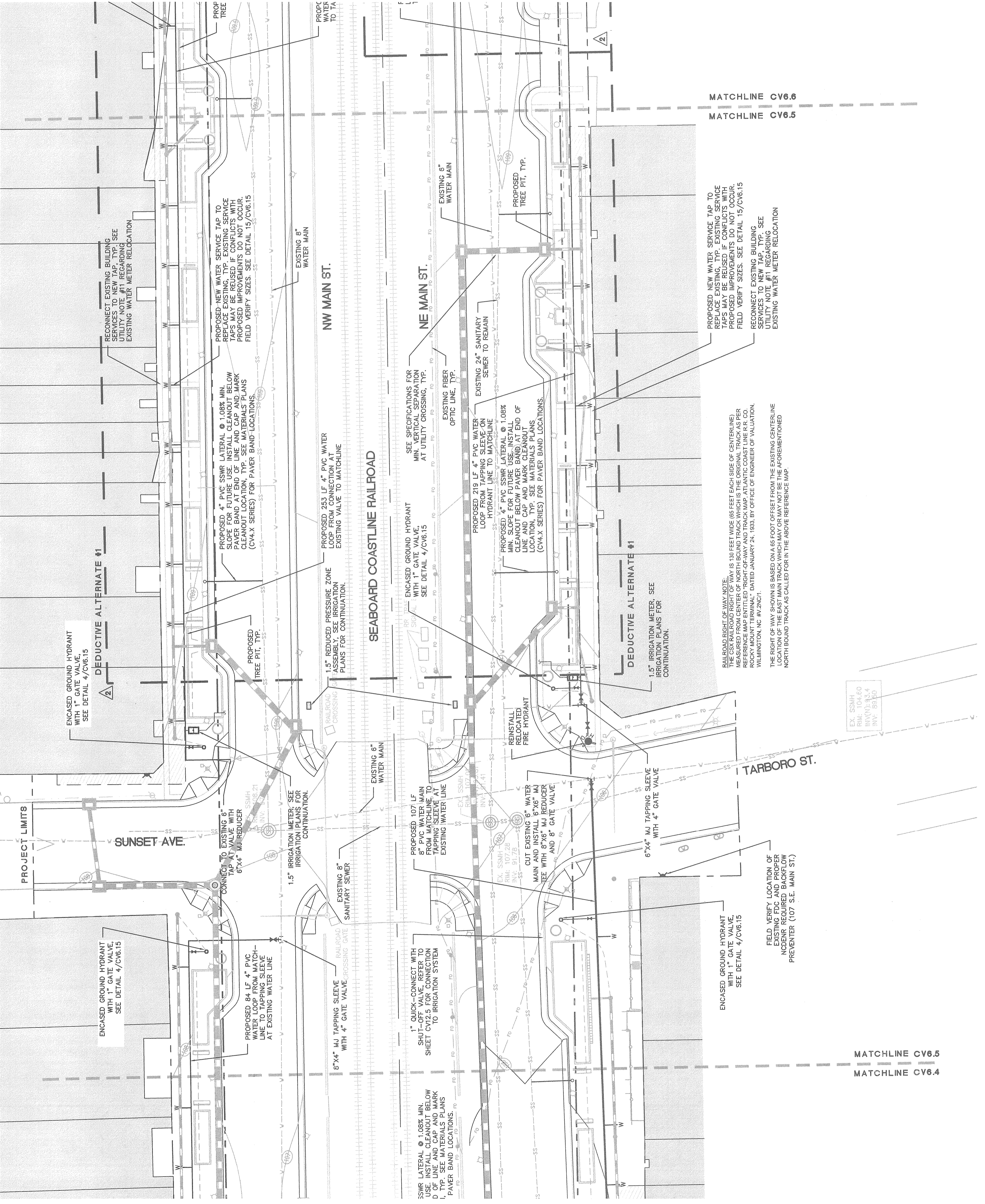
SCALE: 1"=20'

CV 6.5



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER
	EXISTING WATER METER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	EXISTING SANITARY SEWER MANHOLE
	EXISTING FIBER OPTIC
	EXISTING GAS
	PROPOSED WATER LINE
	PROPOSED GATE VALVE
	PROPOSED FIRE HYDRANT
	PROPOSED ENCASED GROUND HYDRANT
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT



STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982

SEE SHEET CV 6.0 FOR UTILITY NOTES.

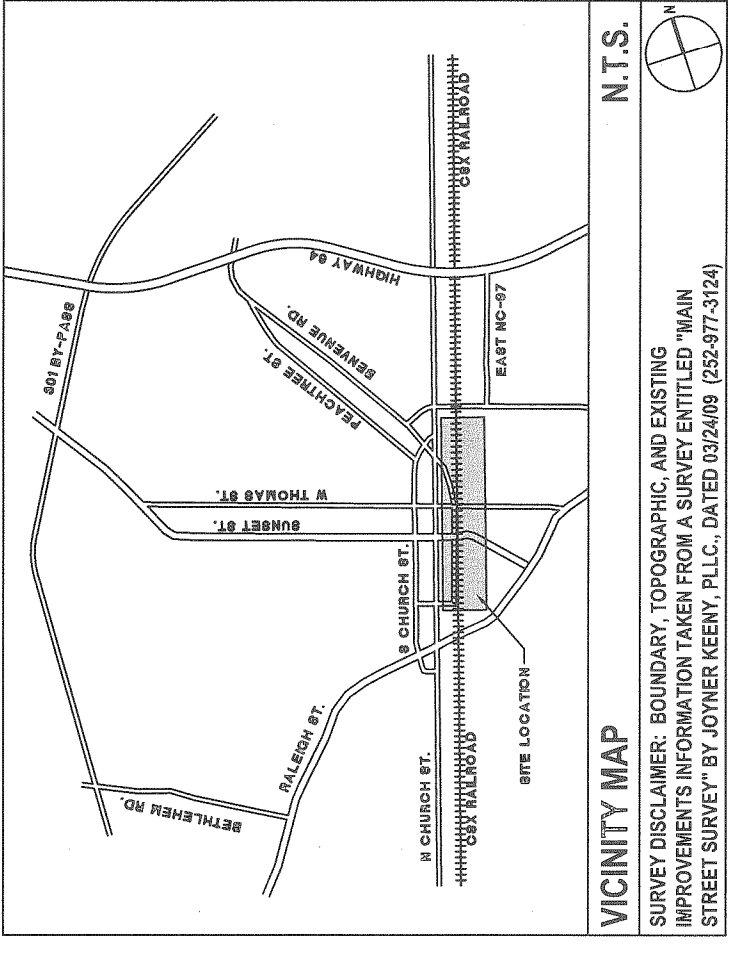
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-432-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
- WAIT FOR INSTRUCTIONS FROM ENGINEER PRIOR TO PROCEEDING WITH UTILITY INSTALLATION.
- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND TRAFFIC CONTROL DEVICES AS REQUIRED FOR CONSTRUCTION. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED USUALLY AGAIN.
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CONTRACT ONE-CALL CENTER
1-800-432-4949

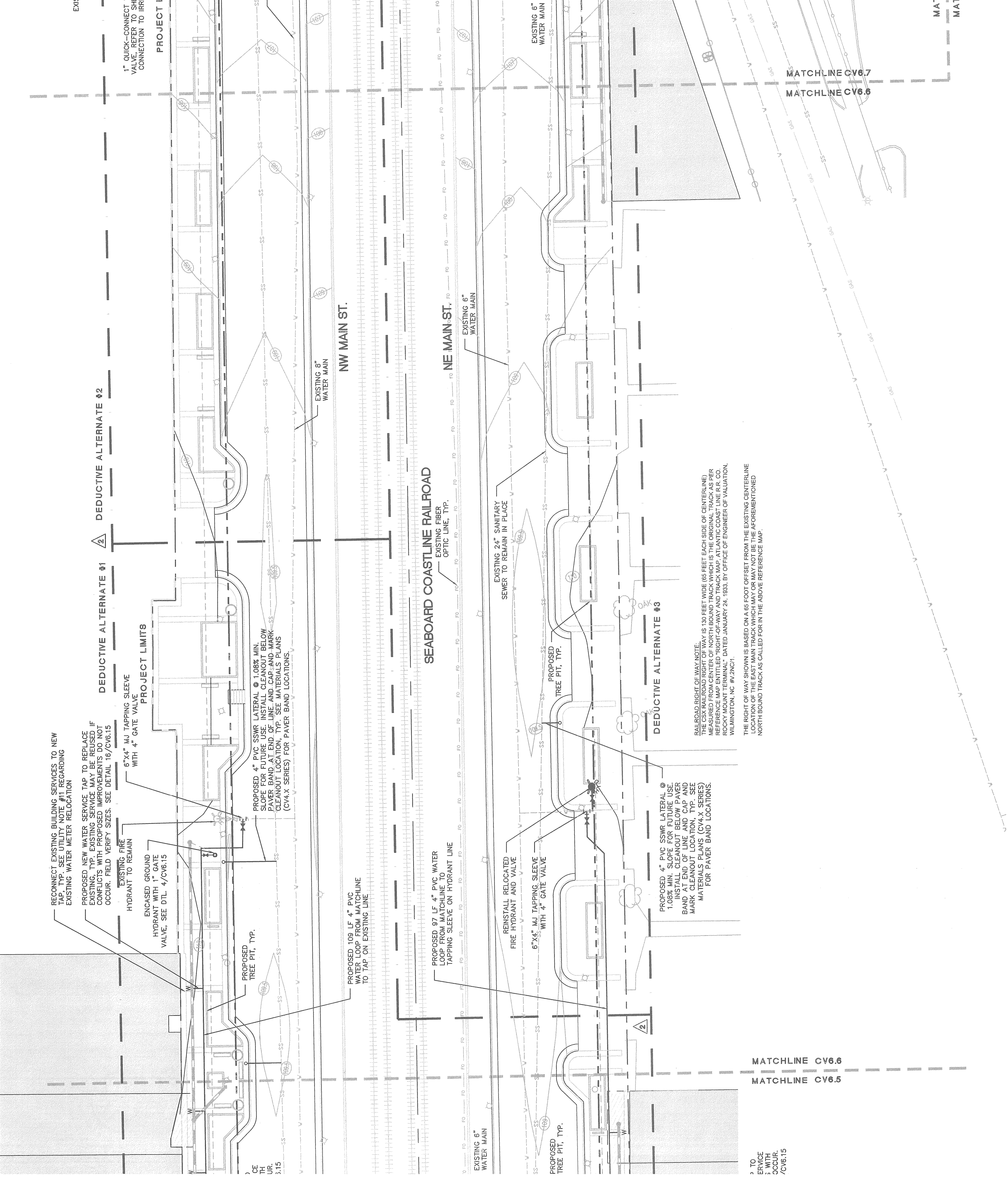
KEY PLAN

N.T.S.



LEGEND (UTILITIES)

SYMBOL	DETAIL
[Symbol]	EXISTING WATER
[Symbol]	EXISTING WATER METER
[Symbol]	EXISTING FIRE HYDRANT
[Symbol]	EXISTING SANITARY SEWER
[Symbol]	EXISTING SANITARY SEWER MANHOLE
[Symbol]	EXISTING FIBER OPTIC
[Symbol]	EXISTING GAS
[Symbol]	PROPOSED WATER LINE
[Symbol]	PROPOSED GATE VALVE
[Symbol]	PROPOSED FIRE HYDRANT
[Symbol]	PROPOSED ENCASED GROUND HYDRANT
[Symbol]	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT



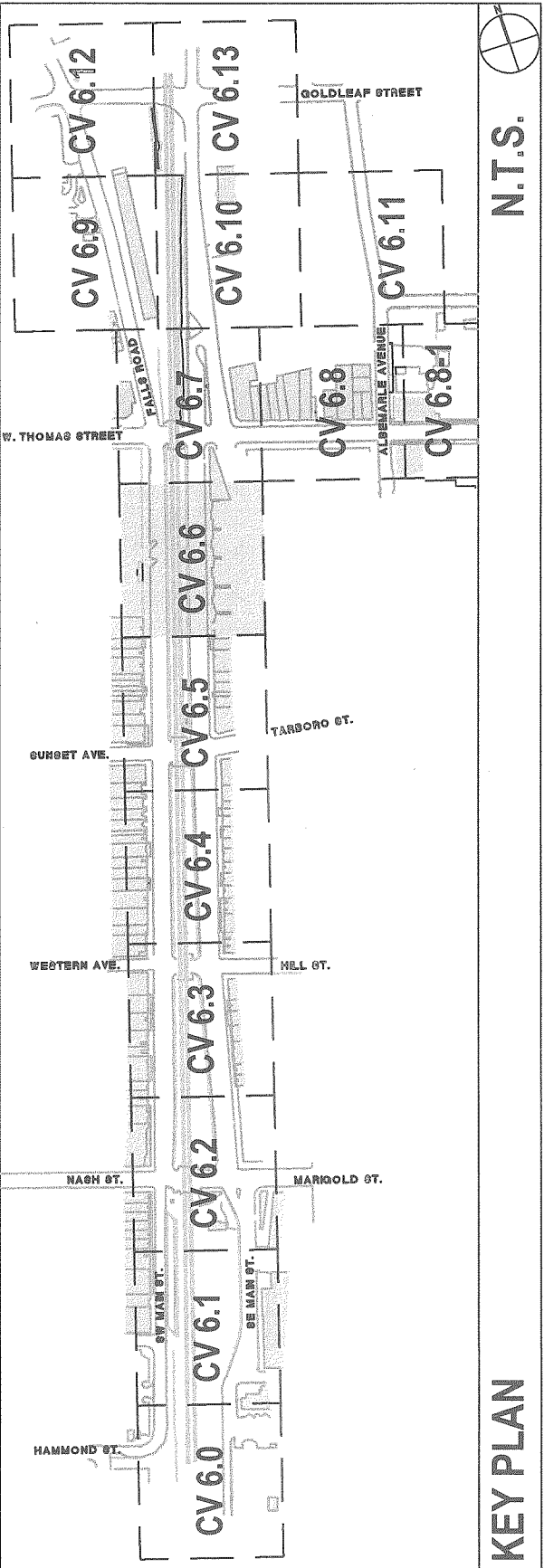
SEE SHEET CV 6.0 FOR UTILITY NOTES.

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- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND SAFETY DEVICES TO PROTECT THE PUBLIC FROM THE CONSTRUCTION AREA.
- CONSTRUCTION WORK, ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



Harris & Associates, Inc.
Construction Consultants

MORTAR&IRK
Civil Engineering & Surveying

HNTB
Engineering, Architecture, Construction Management

City of Rocky Mount
North Carolina

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

UTILITIES PLAN

ISSUED FOR BIDDING

PROJECT NUMBER: 50219

ISSUED: 06.22.10

REVISED: # COMMENTS:

NO.	DATE	DESCRIPTION
1	06/22/10	ENCASED GROUND HYDRANTS
2	08/05/10	APPENDIX #2
3		
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COLLETT & STONE, P.A.
Professional Seal
Professional Engineer
No. 2586
State of North Carolina

DATE: 06/22/10

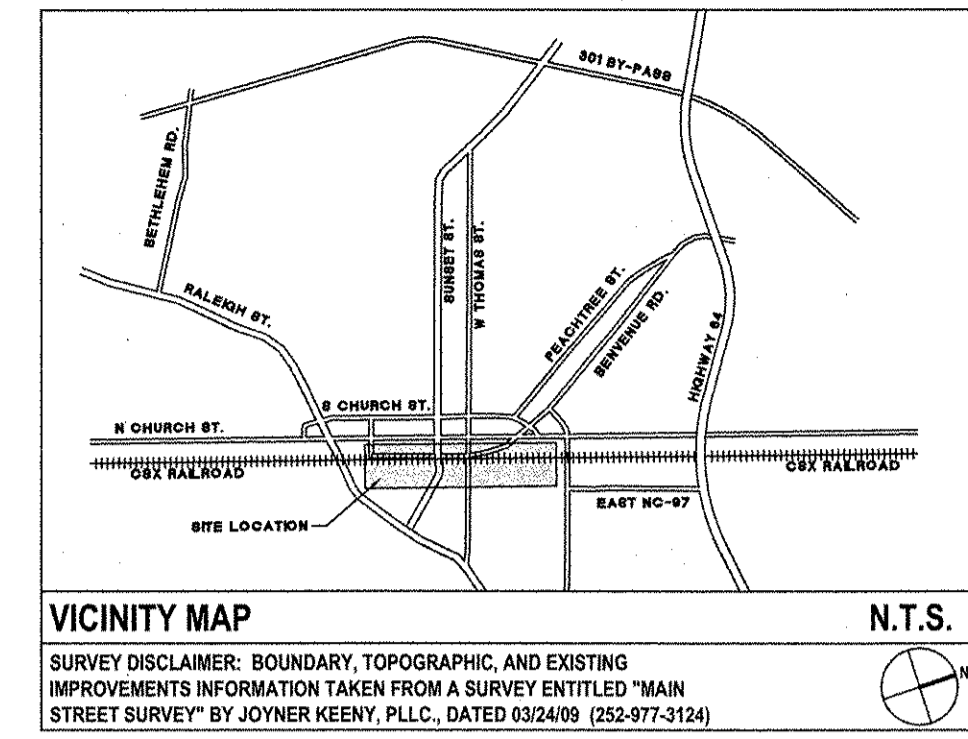
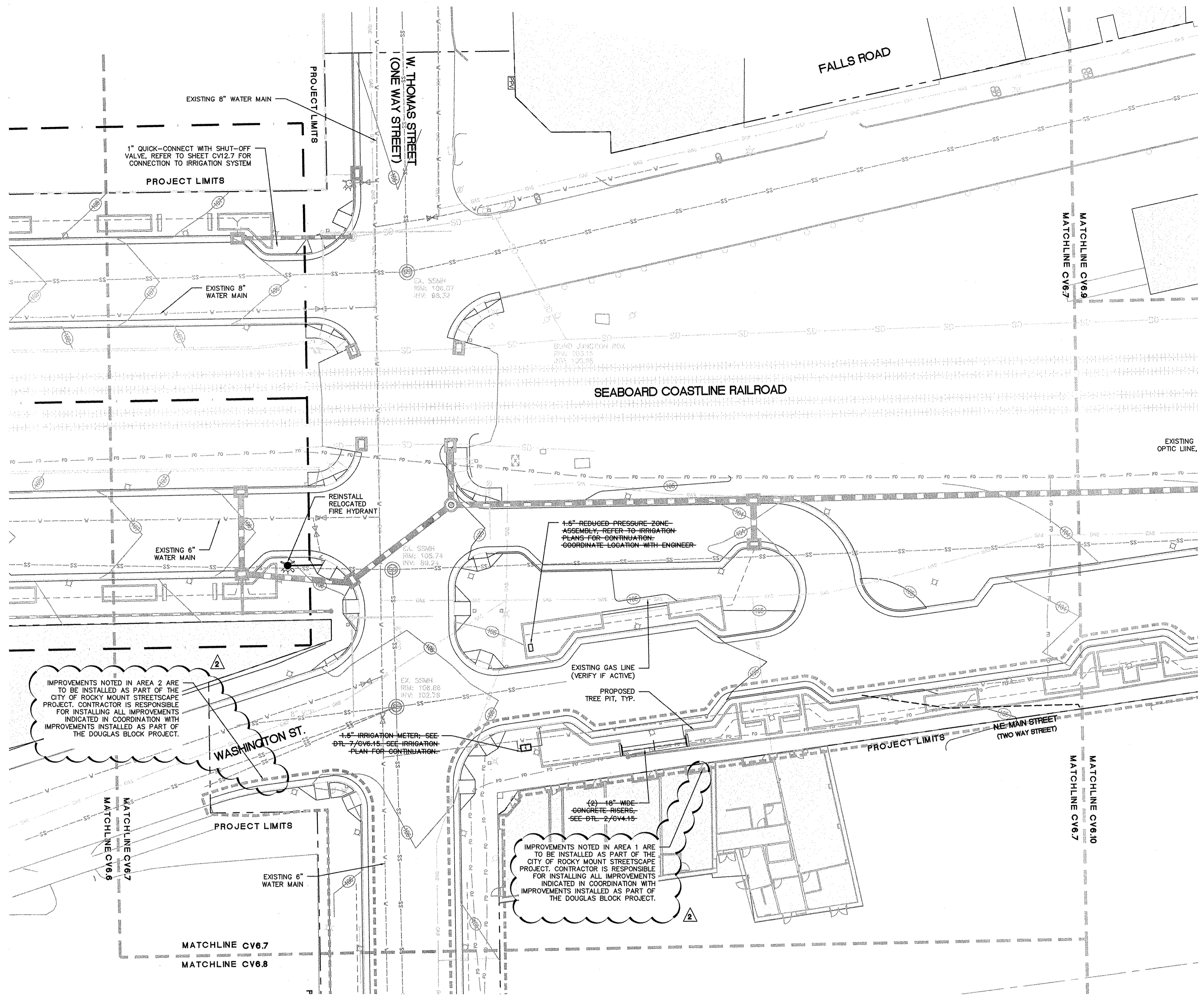
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0 10 20 40

CV 6.6

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LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
	PROPOSED WATER LINE 5/CV6.15
	PROPOSED GATE VALVE 6, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT 1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15

ADDENDUM NO. 6 GENERAL NOTES:

- IMPROVEMENTS NOTED IN AREA 1 AND AREA 2 SHALL BE INSTALLED AS PART OF THE ROCKY MOUNT STREETScape PROJECT.
- NOTES THAT HAVE BEEN STRUCK THROUGH ARE NOT ASSOCIATED WITH THE STREETScape PROJECT. THESE ITEMS WILL BE INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT AND ARE INCLUDED FOR COORDINATION PURPOSES ONLY.

IMPROVEMENTS NOTED IN AREA 2 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETScape PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.

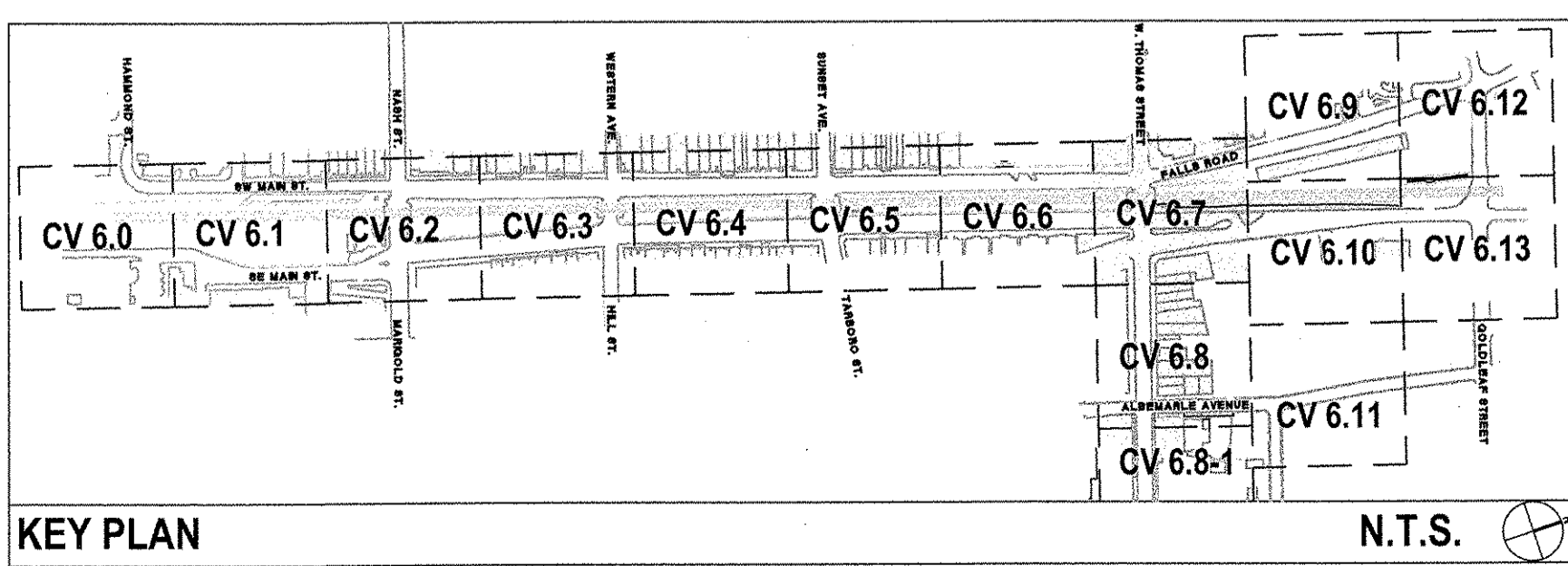
IMPROVEMENTS NOTED IN AREA 1 ARE TO BE INSTALLED AS PART OF THE CITY OF ROCKY MOUNT STREETScape PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.

SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO IDENTIFY VERTICAL LOCATIONS OF UTILITIES WHERE CROSSING WITH PROPOSED UTILITIES ARE NOTED.
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- THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
- THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENGINEERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

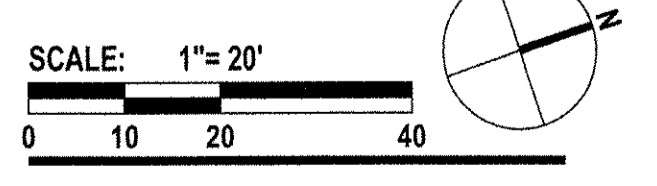
50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
11.02.10	2	ADDENDUM #6
	3	
	4	
	5	
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	10	

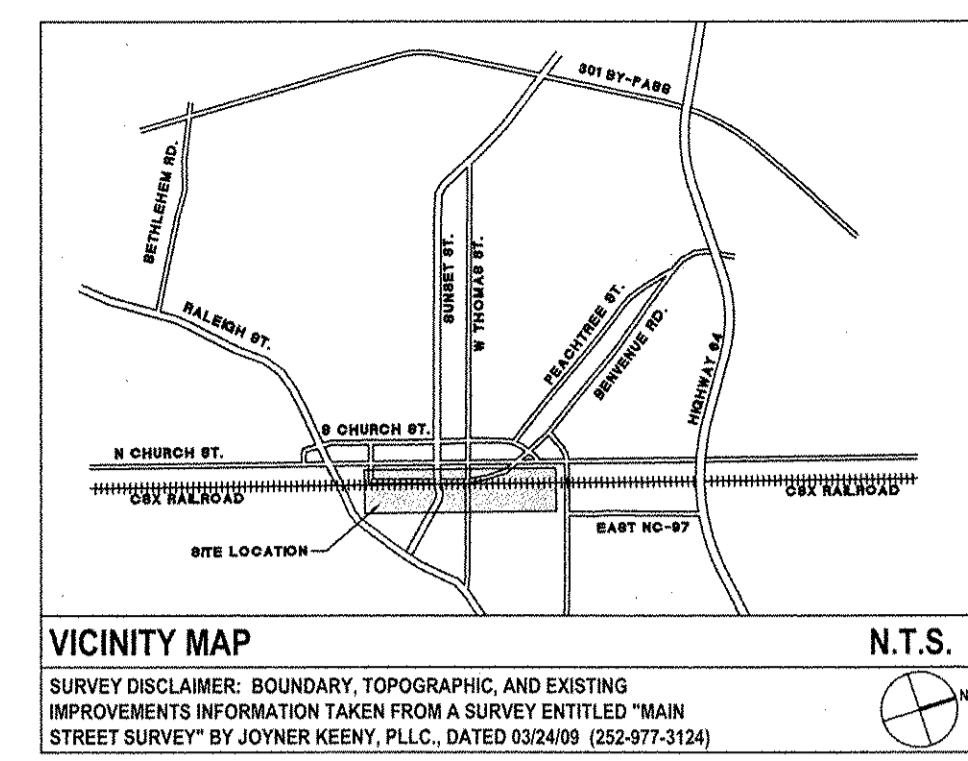
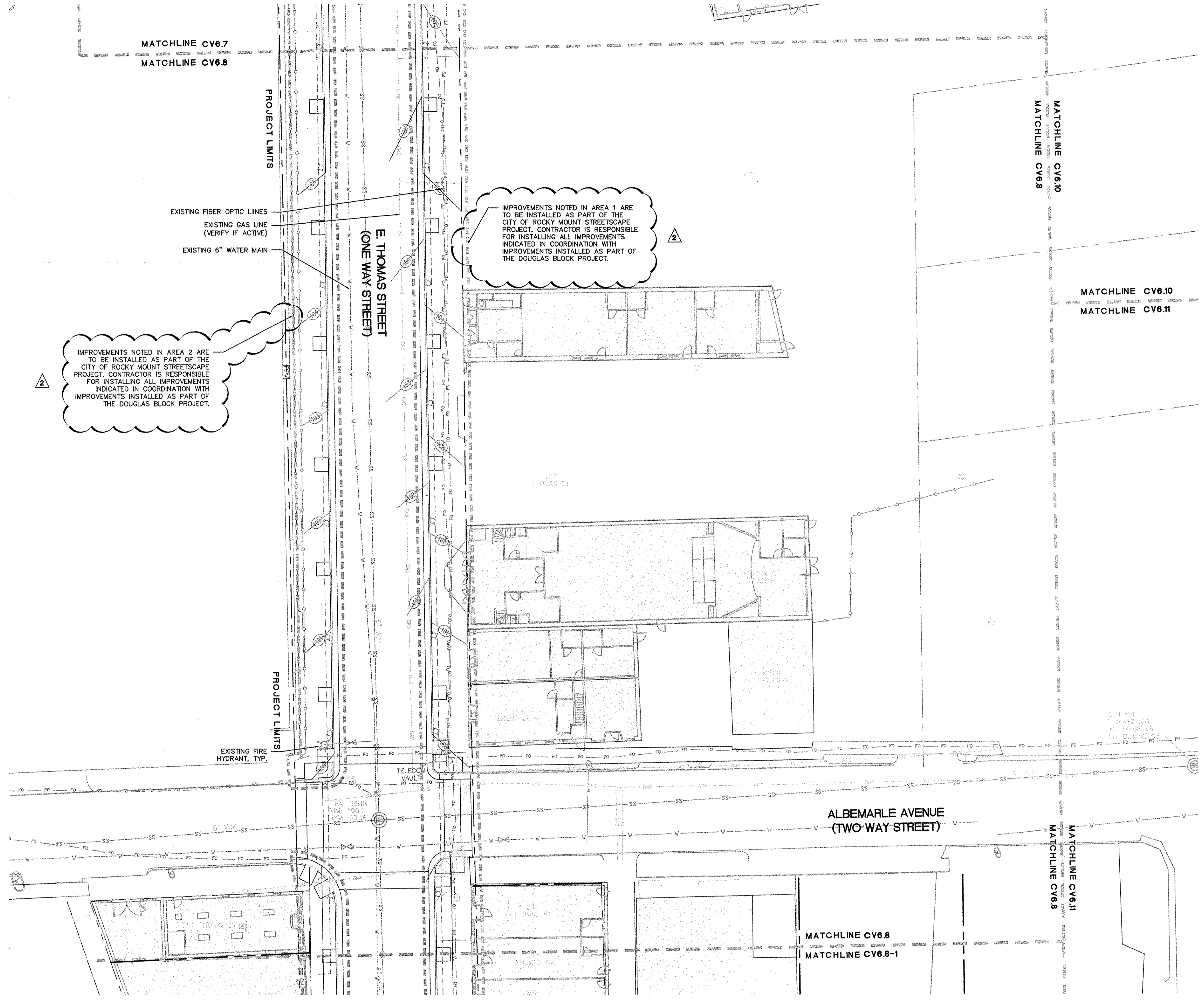


CV 6.7

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ColeJenest & Stone, P.A. 2008 ©

ORIGINAL



LEGEND (UTILITIES)

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	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
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	PROPOSED FIRE HYDRANT 1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15

**** FOR REFERENCE ONLY.
NO NEW WORK THIS SHEET.**

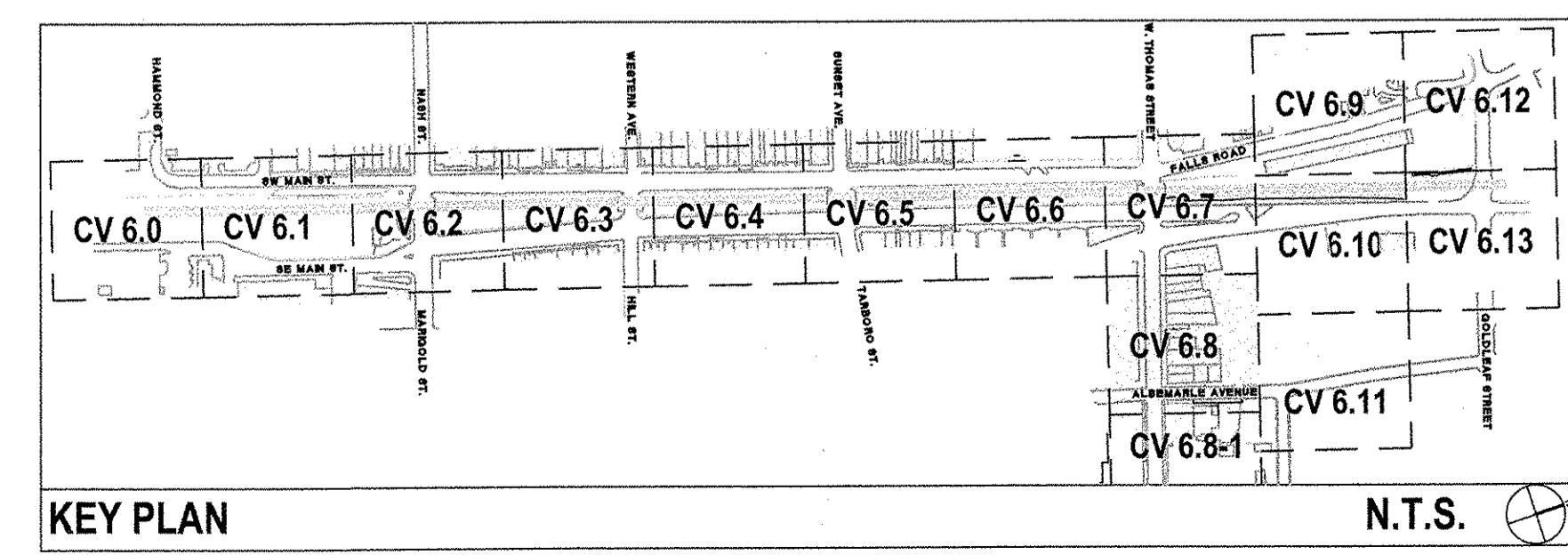
- ADDENDUM NO. 6 GENERAL NOTES:**
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SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-532-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

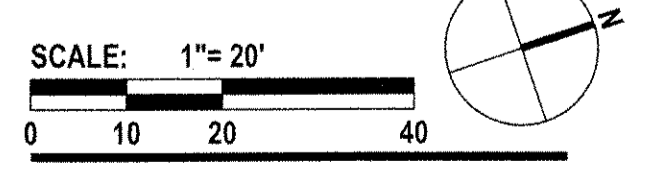
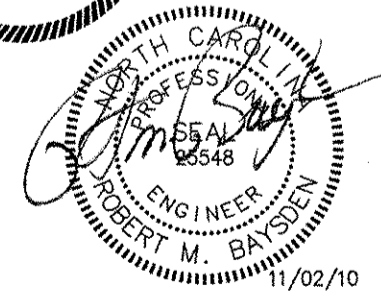
50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

DATE	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
11.02.10	2	ADDENDUM #6
	3	
	4	
	5	
	6	
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	9	
	10	

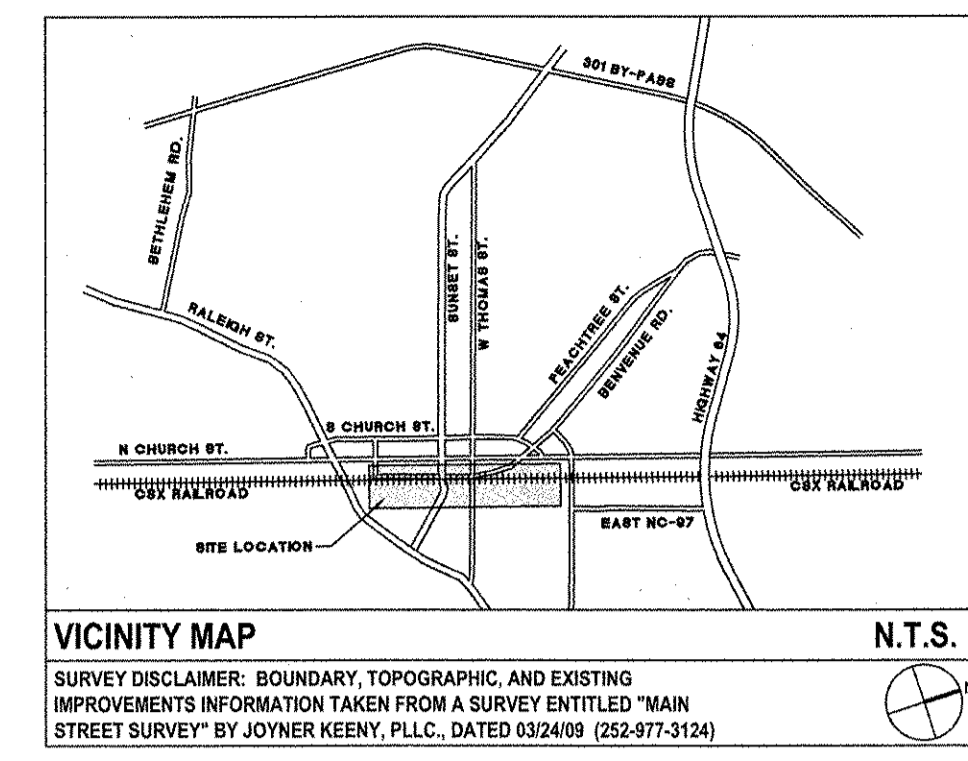
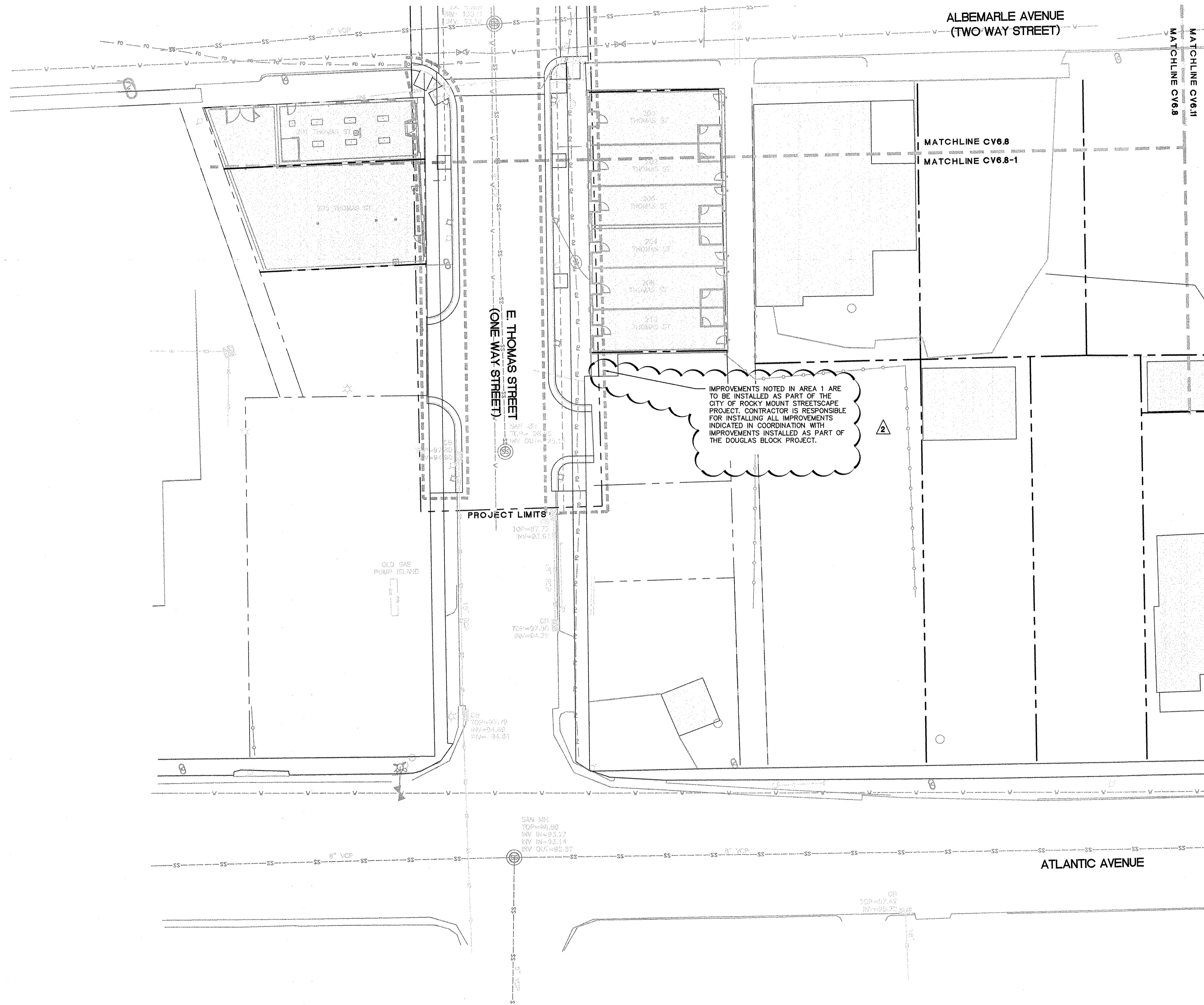


CV 6.8

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ORIGINAL



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
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	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
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NO NEW WORK THIS SHEET.**

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**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

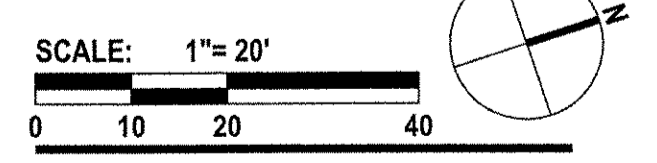
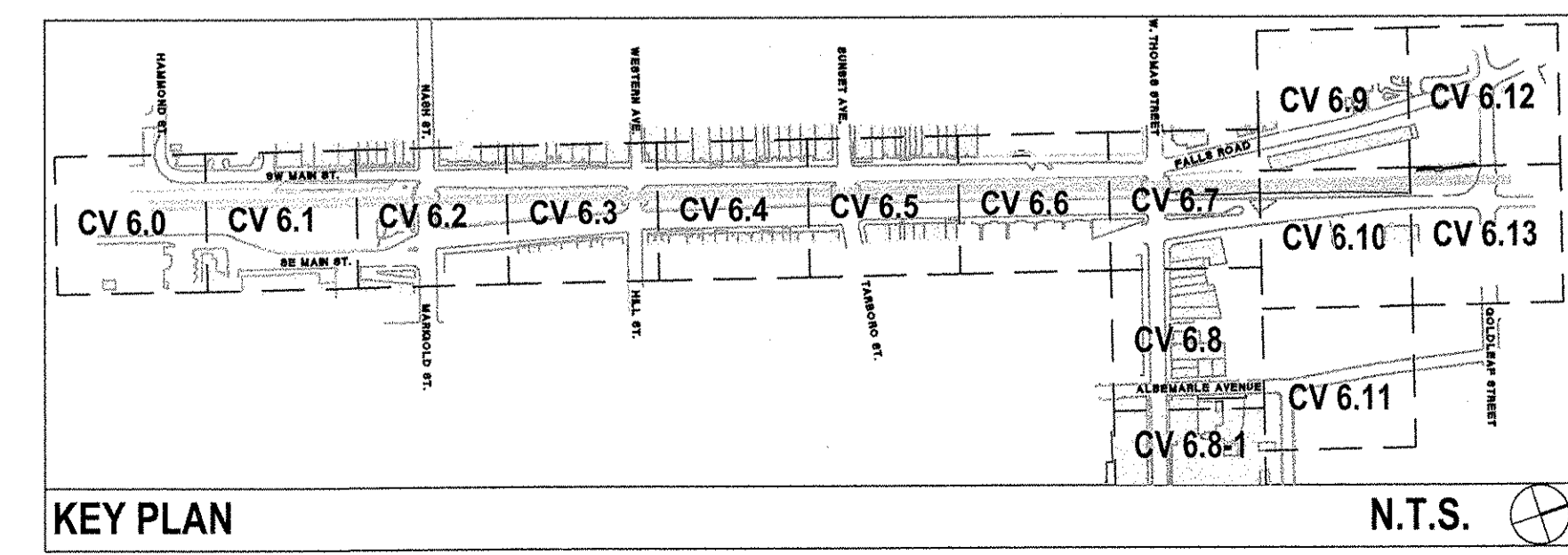
DATE	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
11.02.10	2	ADDENDUM #6
	3	
	4	
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SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-432-4444) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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STANDARD SPECIFICATIONS

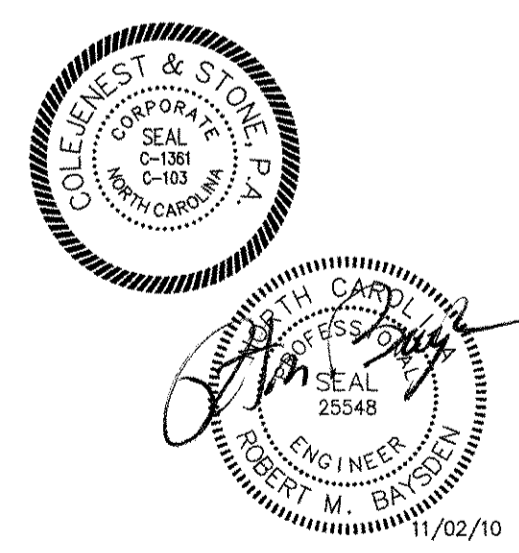
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



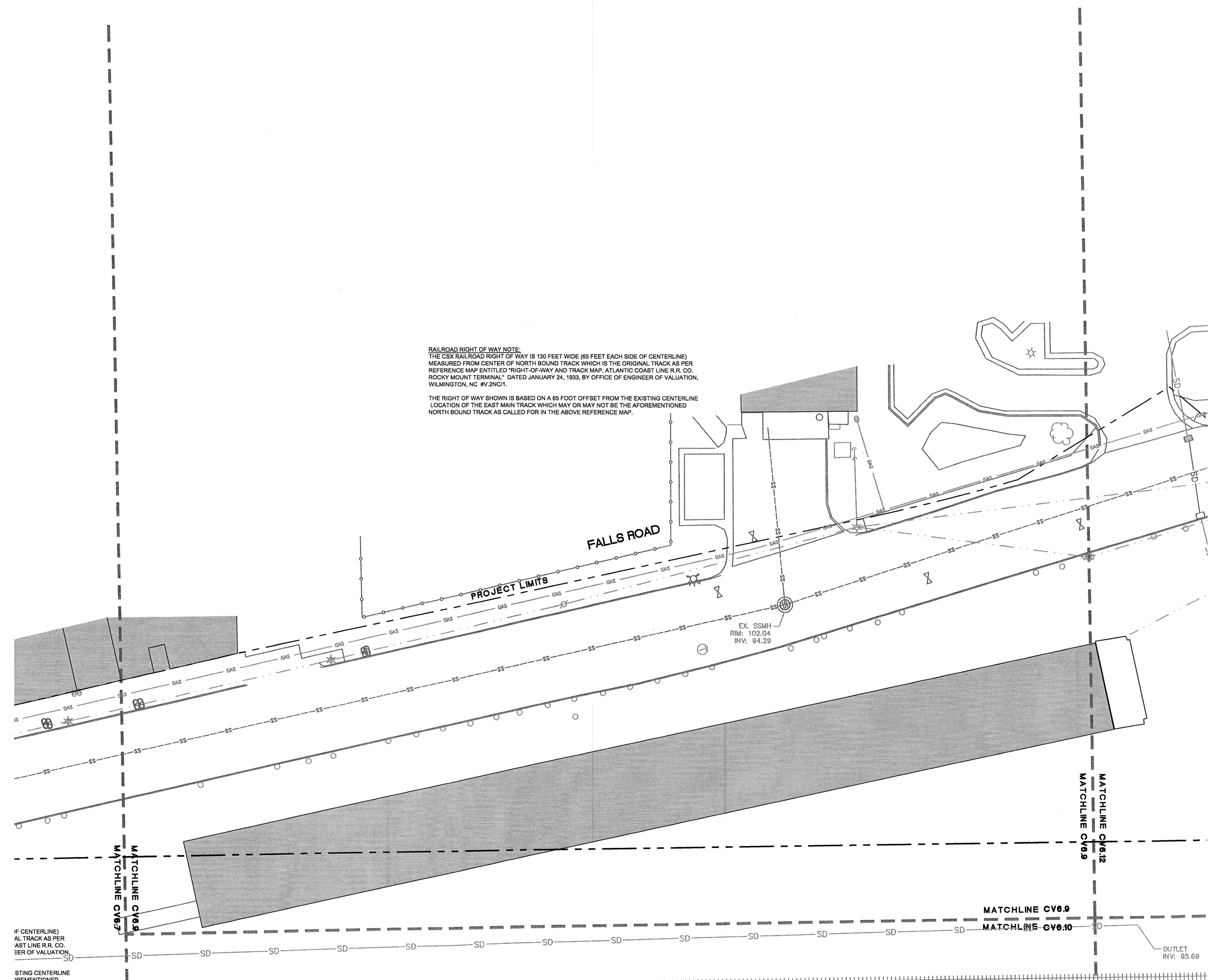
CV 6.8-1

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ORIGINAL



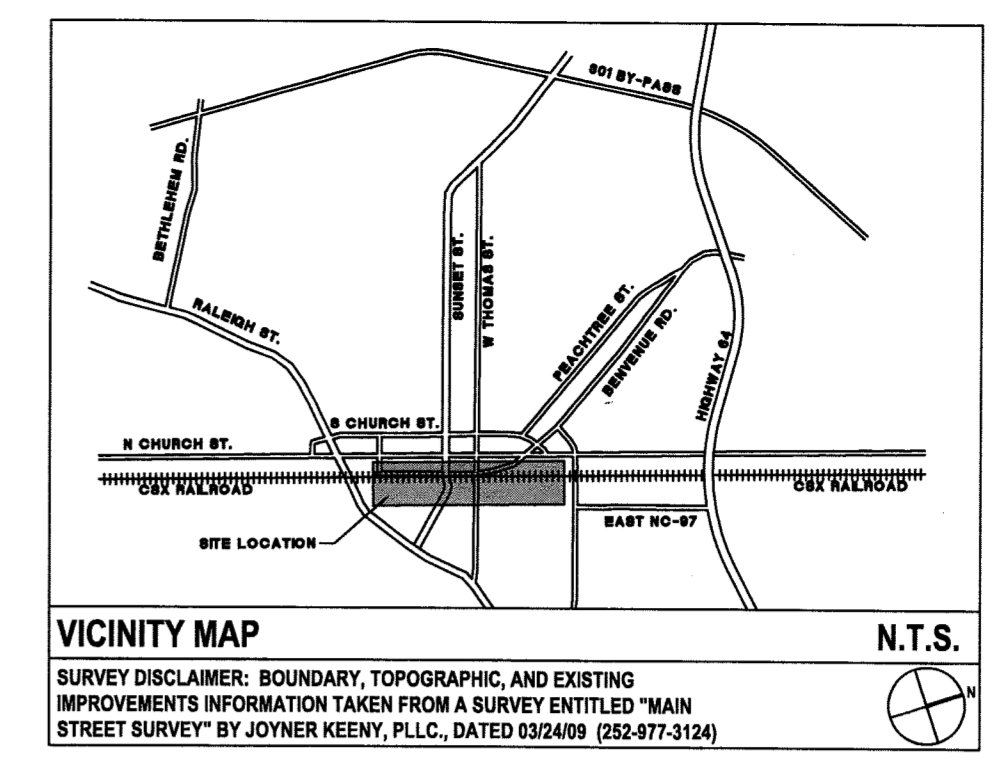
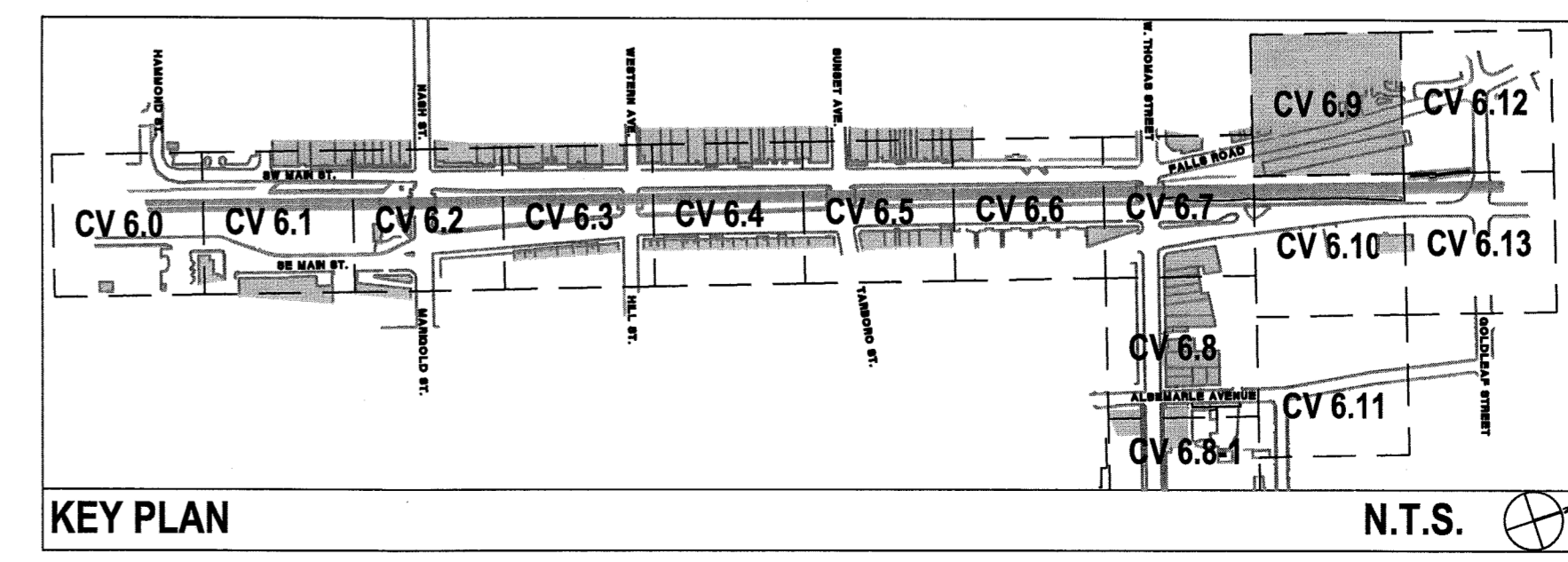
SEE SHEET CV 6.0 FOR UTILITY NOTES.



1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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STANDARD SPECIFICATIONS

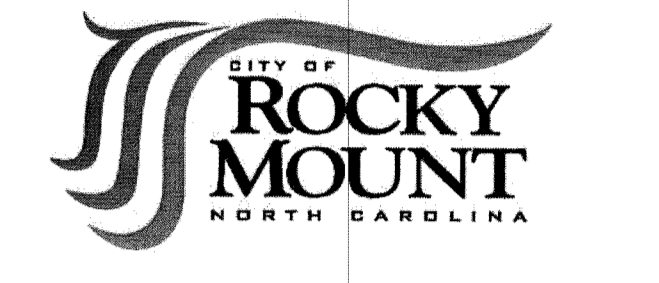
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
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	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15

**** FOR REFERENCE ONLY.
 NO NEW WORK THIS SHEET.**



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

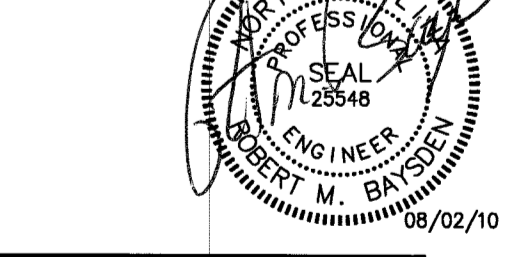
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ISSUED:

06.22.10

REVISED: # COMMENTS:

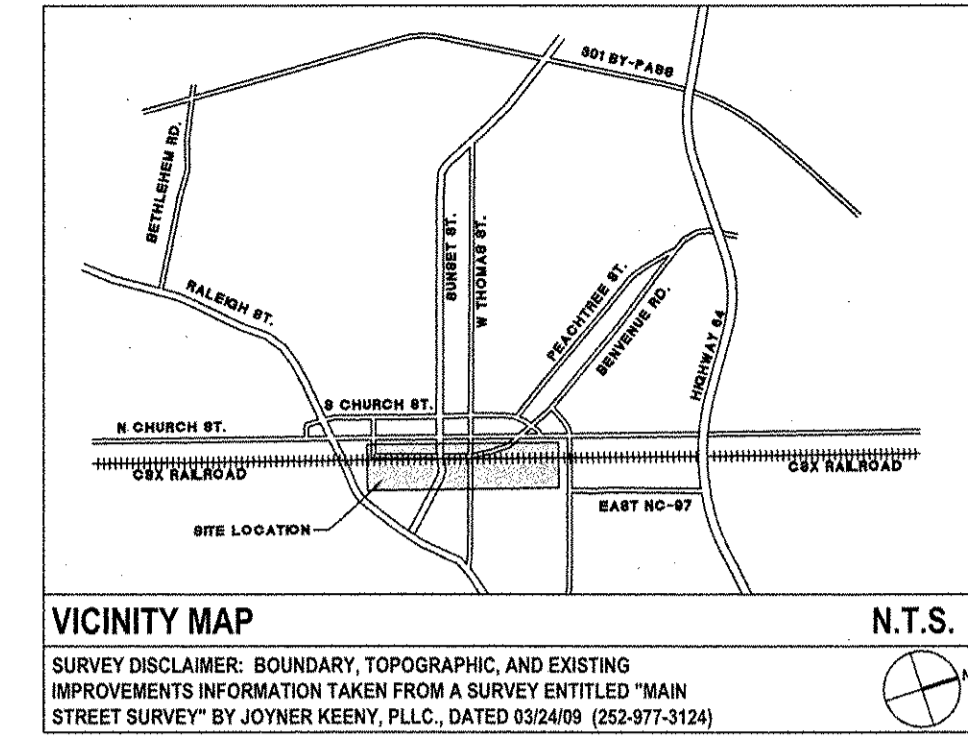
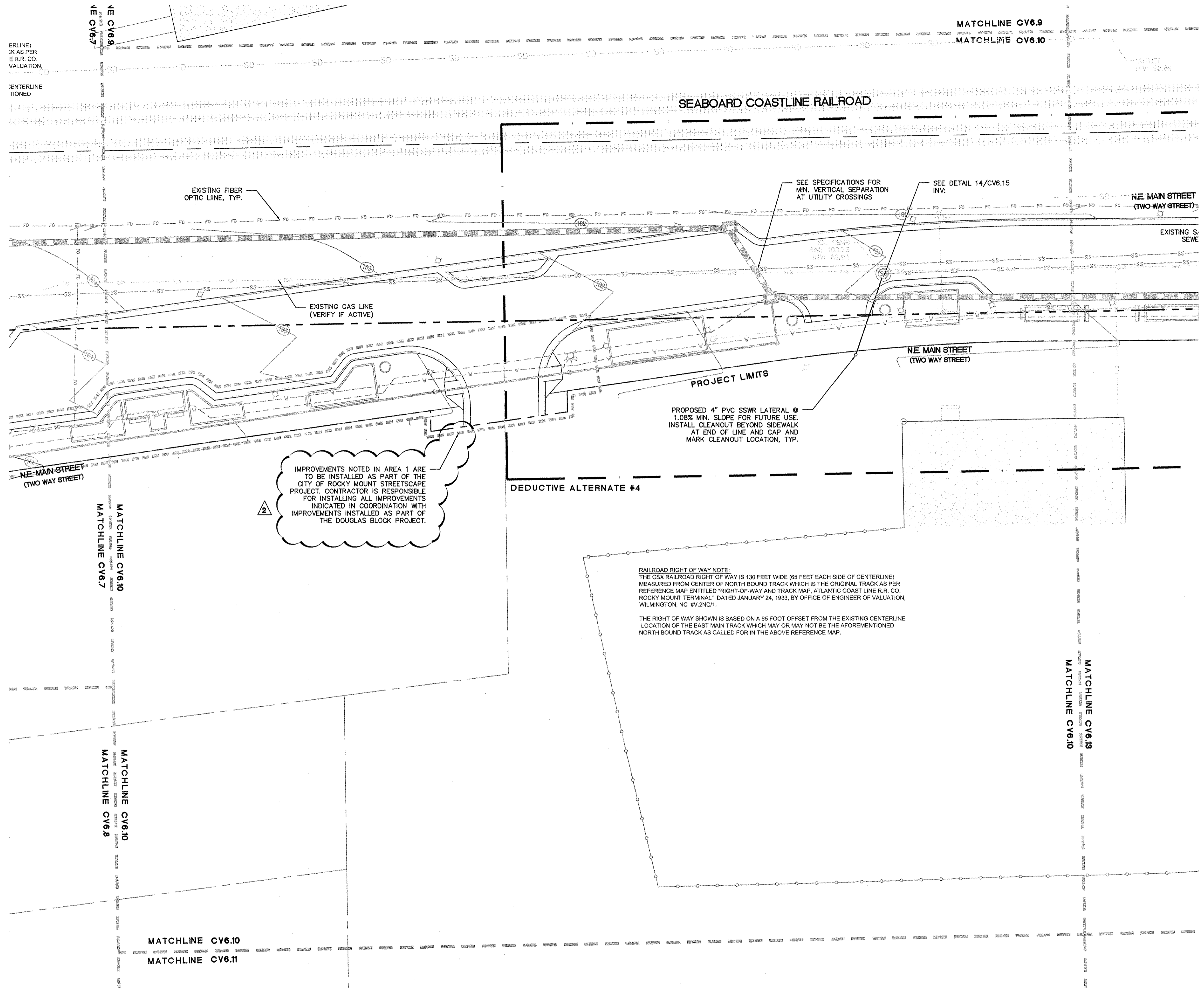
REVISED	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
	2	
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SCALE: 1"= 20'

CV 6.9

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LEGEND (UTILITIES)

SYMBOL	DESCRIPTION	DETAIL
	EXISTING WATER	-/-
	EXISTING WATER METER	-/-
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	EXISTING SANITARY SEWER MANHOLE	-/-
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	EXISTING GAS	-/-
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	PROPOSED GATE VALVE	6, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT	1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT	4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT	8 & 11/CV6.15



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

50219

ISSUED:

06.22.10

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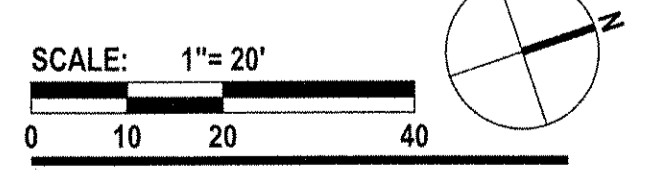
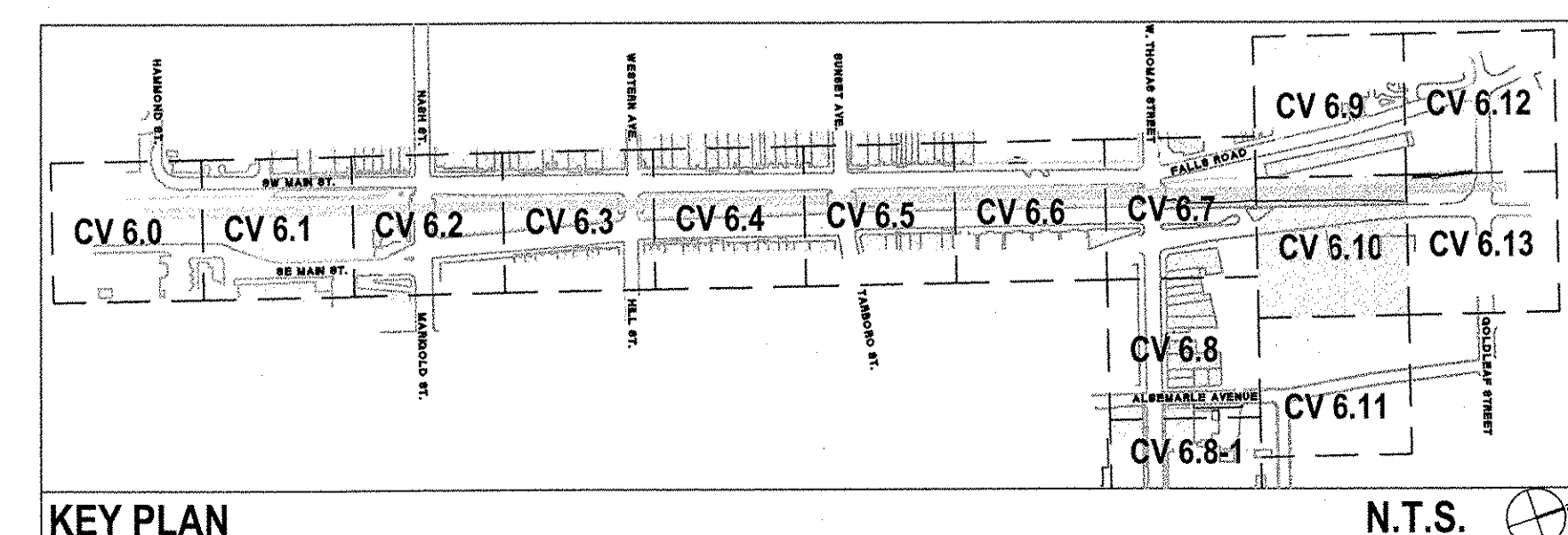
RAILROAD RIGHT OF WAY NOTE:
THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH SOUND TRACK WHICH IS THE ORIGINAL TRACK AS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL" DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.
THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH SOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.

SEE SHEET CV 6.0 FOR UTILITY NOTES.

- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
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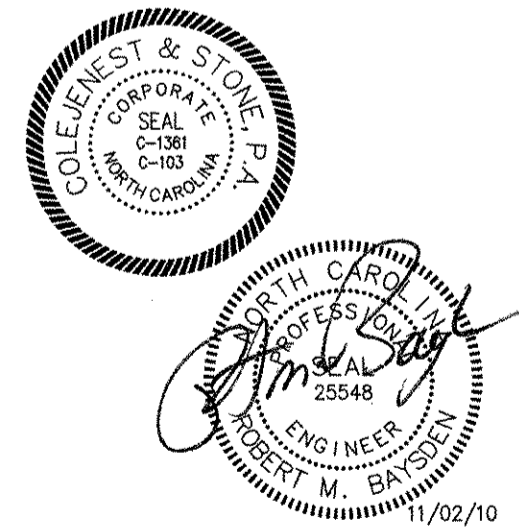
STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
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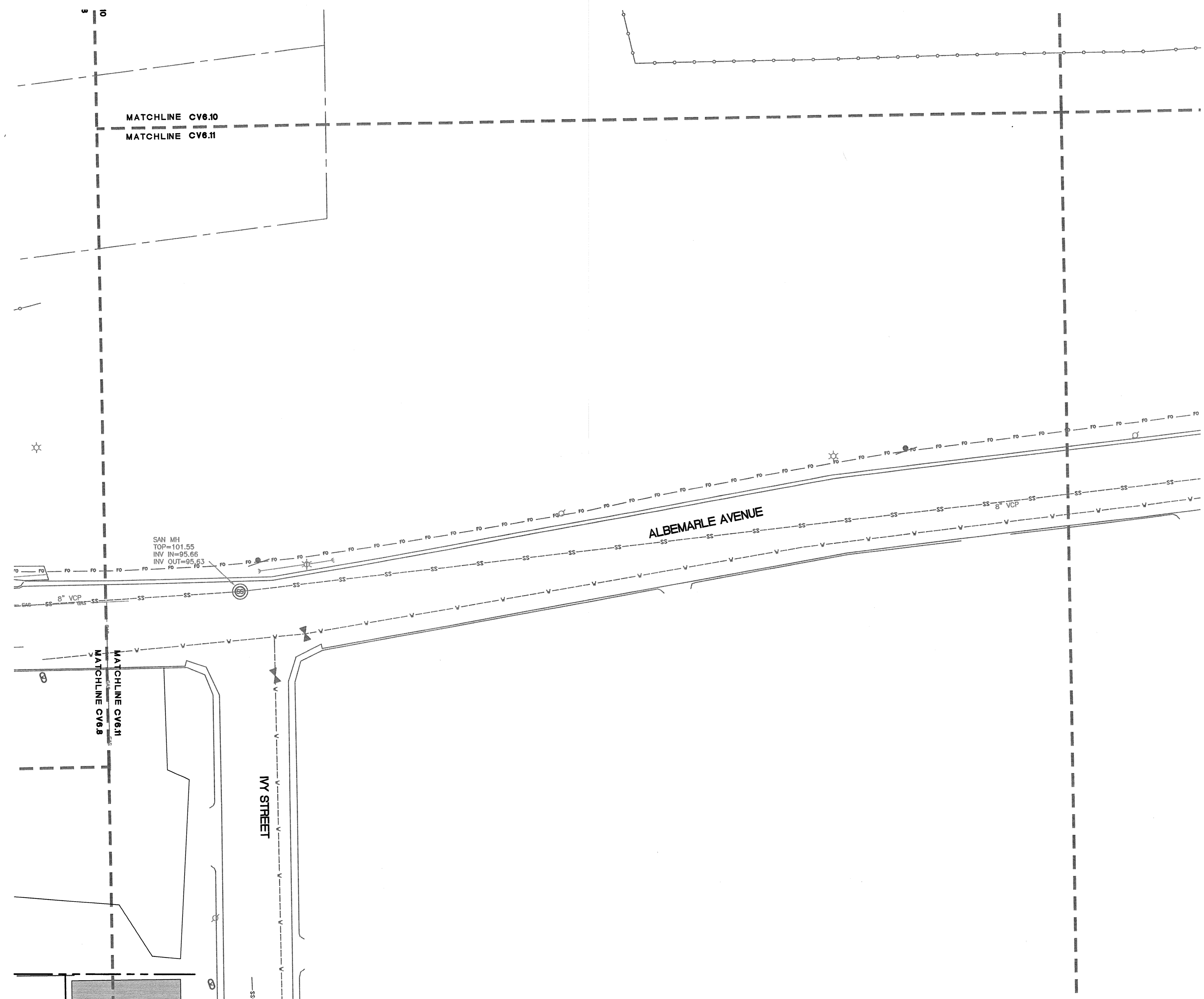


CV 6.10

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ORIGINAL



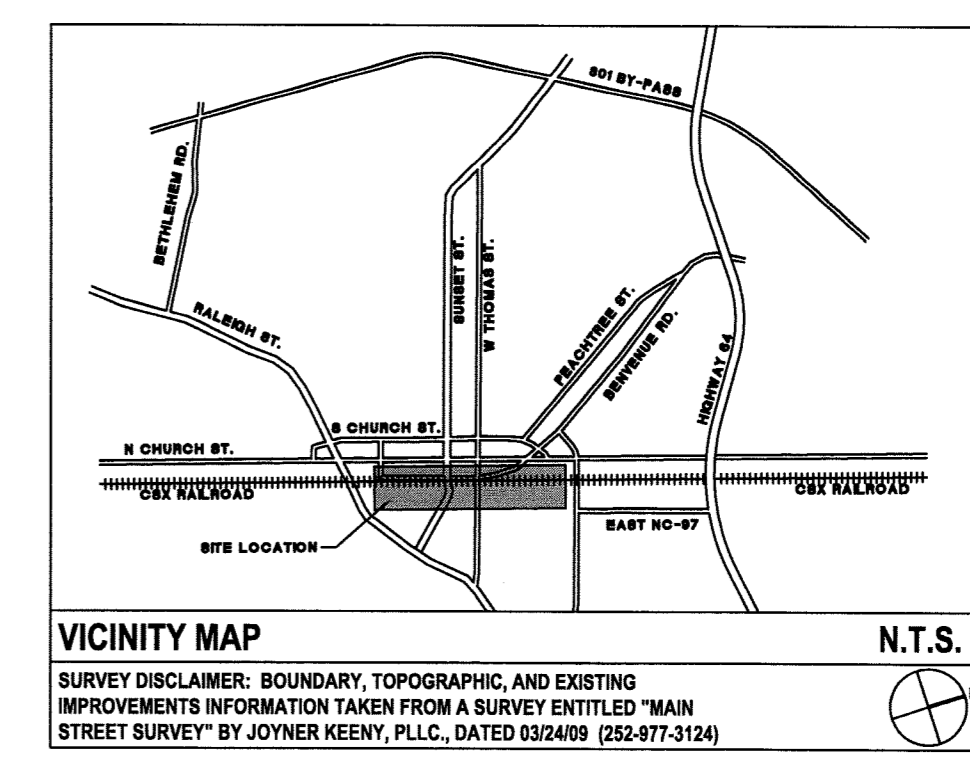
SEE SHEET CV 6.0 FOR UTILITY NOTES.

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- CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STANDARD SPECIFICATIONS

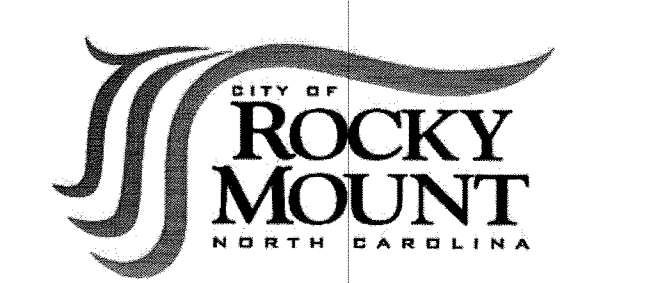
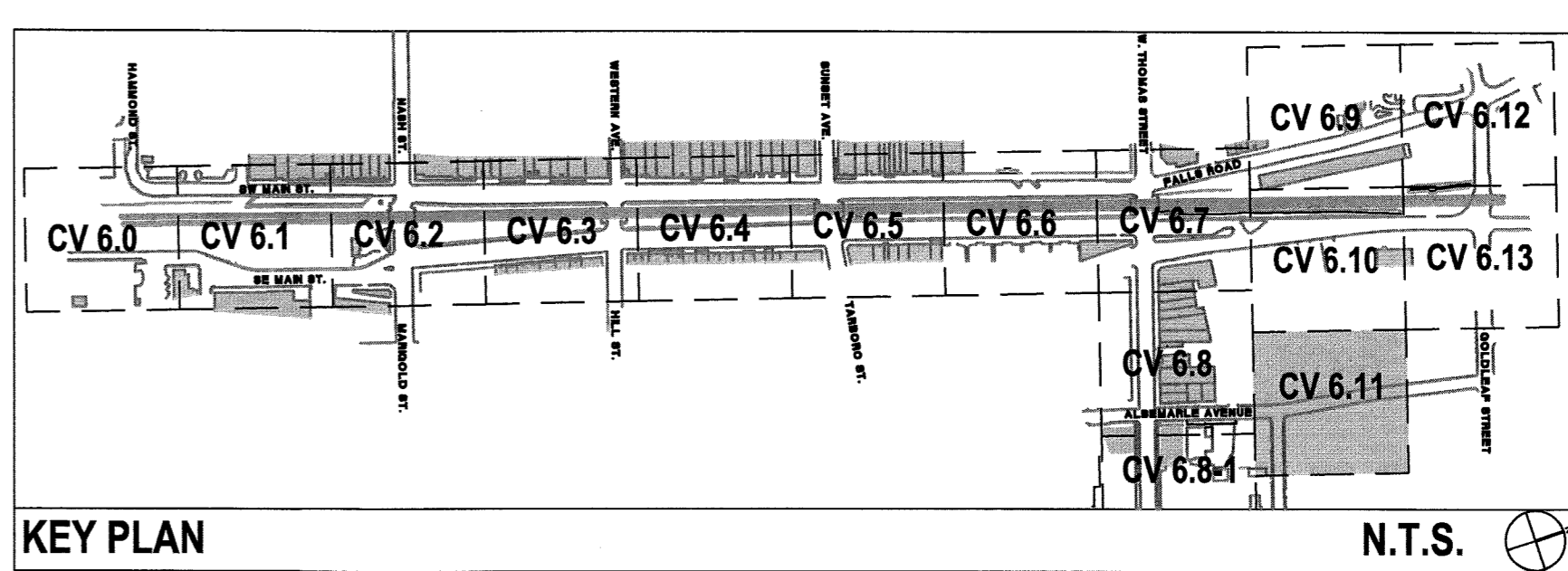
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
	PROPOSED WATER LINE 5/CV6.15
	PROPOSED GATE VALVE 6, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT 1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15

** FOR REFERENCE ONLY. NO NEW WORK THIS SHEET.



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:

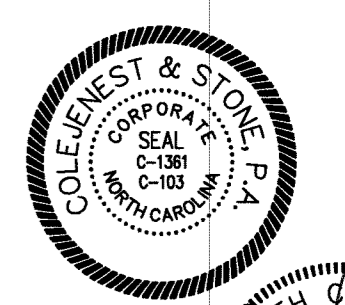
50219

ISSUED:

06.22.10

REVISED: # COMMENTS:

REVISED: #	COMMENTS:
08.02.10	1 ENCASED GROUND HYDRANTS
2	
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SCALE: 1"= 20'



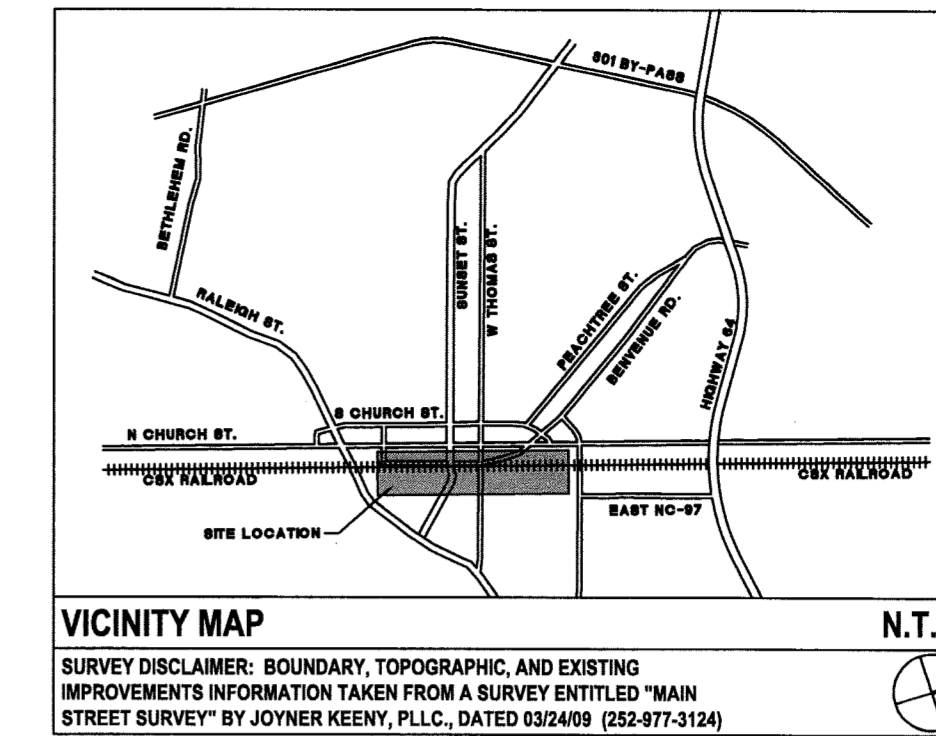
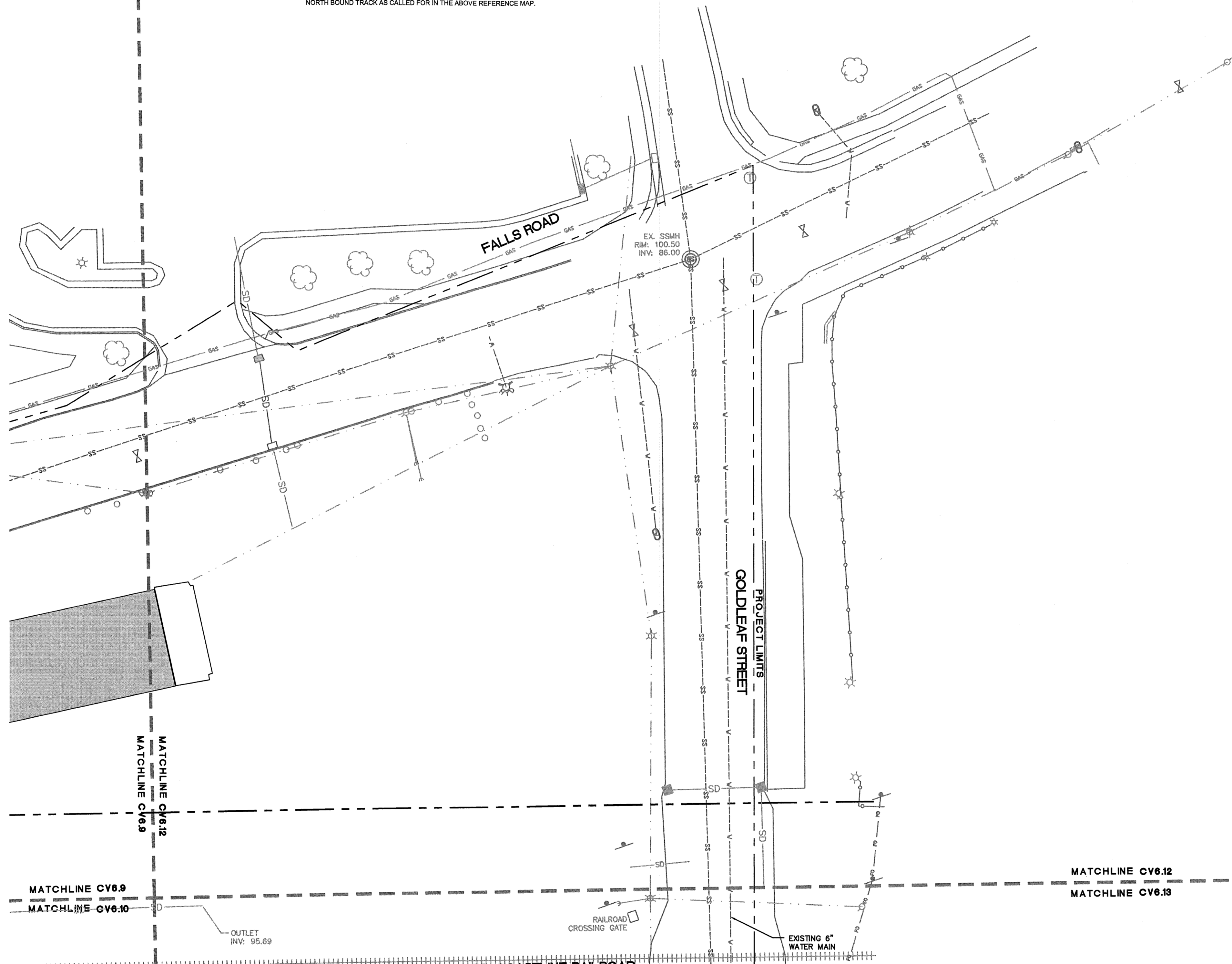
CV 6.11

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RAILROAD RIGHT-OF-WAY NOTE:
 THE CSX RAILROAD RIGHT OF WAY IS 130 FEET WIDE (65 FEET EACH SIDE OF CENTERLINE) MEASURED FROM CENTER OF NORTH BOUND TRACK WHICH IS THE ORIGINAL TRACKS PER REFERENCE MAP ENTITLED "RIGHT-OF-WAY AND TRACK MAP, ATLANTIC COAST LINE R.R. CO. ROCKY MOUNT TERMINAL," DATED JANUARY 24, 1933, BY OFFICE OF ENGINEER OF VALUATION, WILMINGTON, NC #V.2NC1.

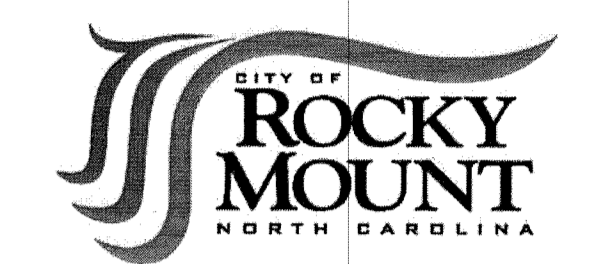
THE RIGHT OF WAY SHOWN IS BASED ON A 65 FOOT OFFSET FROM THE EXISTING CENTERLINE LOCATION OF THE EAST MAIN TRACK WHICH MAY OR MAY NOT BE THE AFOREMENTIONED NORTH BOUND TRACK AS CALLED FOR IN THE ABOVE REFERENCE MAP.



LEGEND (UTILITIES)

SYMBOL	DETAIL
	EXISTING WATER -/-
	EXISTING WATER METER -/-
	EXISTING FIRE HYDRANT -/-
	EXISTING SANITARY SEWER -/-
	EXISTING SANITARY SEWER MANHOLE -/-
	EXISTING FIBER OPTIC -/-
	EXISTING GAS -/-
	PROPOSED WATER LINE 5/CV6.15
	PROPOSED GATE VALVE 6, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT 1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT 4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT 8 & 11/CV6.15

**** FOR REFERENCE ONLY.
 NO NEW WORK THIS SHEET.**



**URBAN STREETSCAPE
 PLAN FOR DOWNTOWN
 ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:
50219

ISSUED:
06.22.10

REVISED: # COMMENTS:

REVISED	#	COMMENTS
08.02.10	1	ENCASED GROUND HYDRANTS
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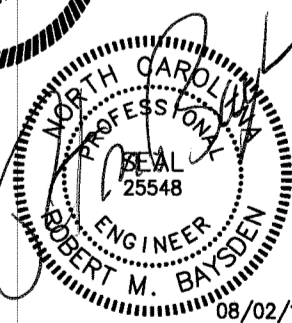
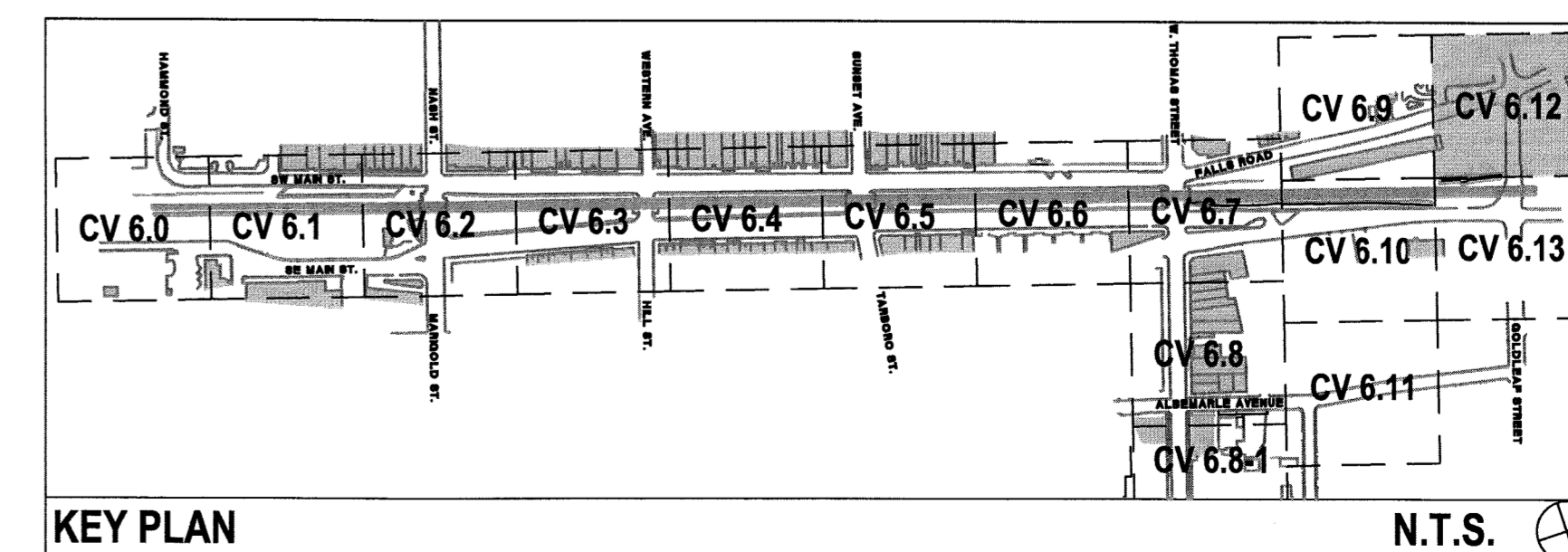
SEE SHEET CV 6.0 FOR UTILITY NOTES.

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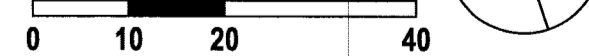


STANDARD SPECIFICATIONS

WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



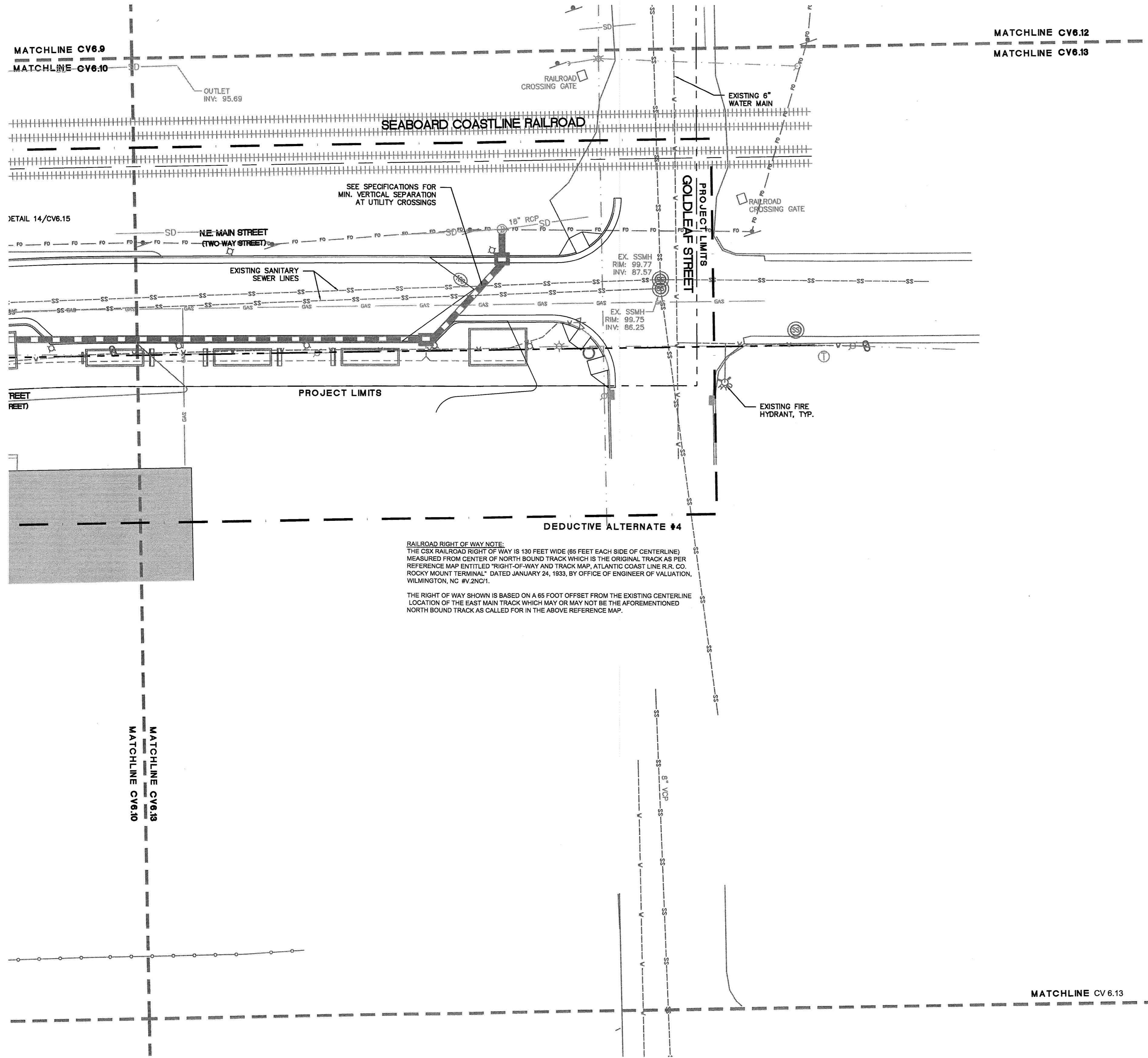
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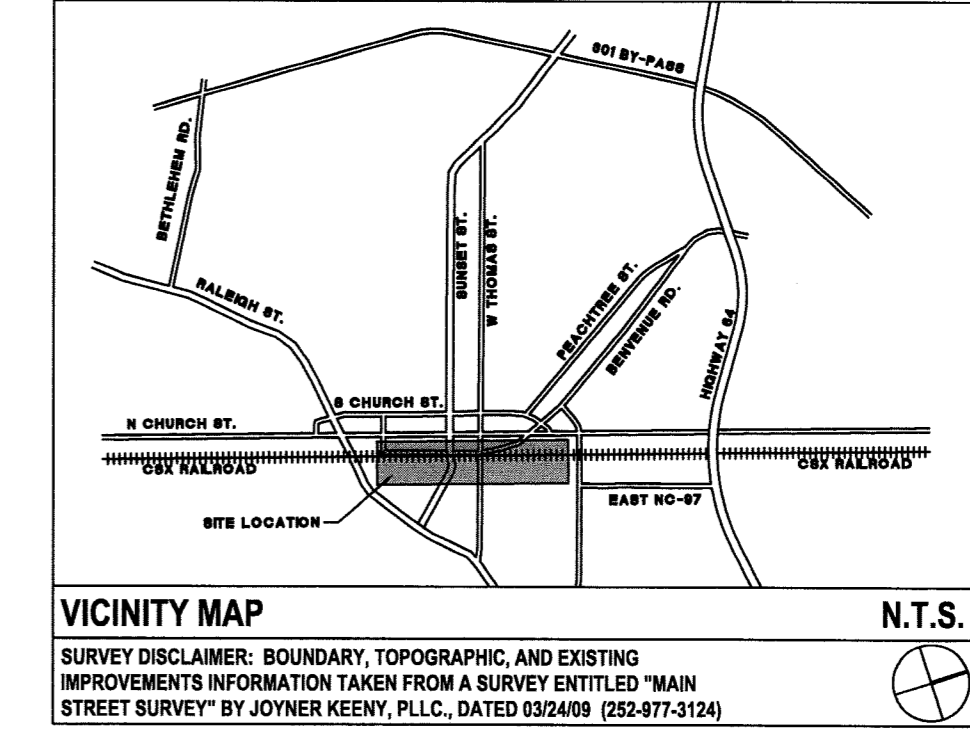
CV 6.12

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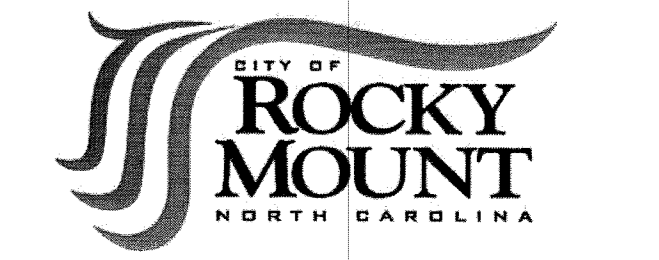


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SYMBOL	DESCRIPTION	DETAIL
	EXISTING WATER	-/-
	EXISTING WATER METER	-/-
	EXISTING FIRE HYDRANT	-/-
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	EXISTING SANITARY SEWER MANHOLE	-/-
	EXISTING FIBER OPTIC	-/-
	EXISTING GAS	-/-
	PROPOSED WATER LINE	5/CV6.15
	PROPOSED GATE VALVE	6, 9, 10, 12 & 13/CV6.15
	PROPOSED FIRE HYDRANT	1 & 2/CV6.15
	PROPOSED ENCASED GROUND HYDRANT	4/CV6.15
	PROPOSED SANITARY SEWER LATERAL WITH CLEAN-OUT	8 & 11/CV6.15



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

UTILITIES PLAN

PROJECT NUMBER:
50219

ISSUED:
06.22.10

REVISED: # COMMENTS:

REVISED: #	COMMENTS:
08.02.10	1 ENCASED GROUND HYDRANTS
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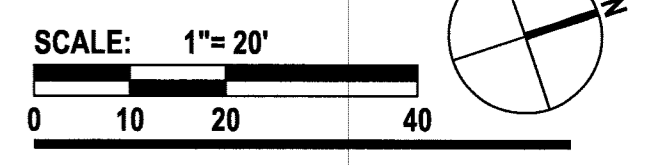
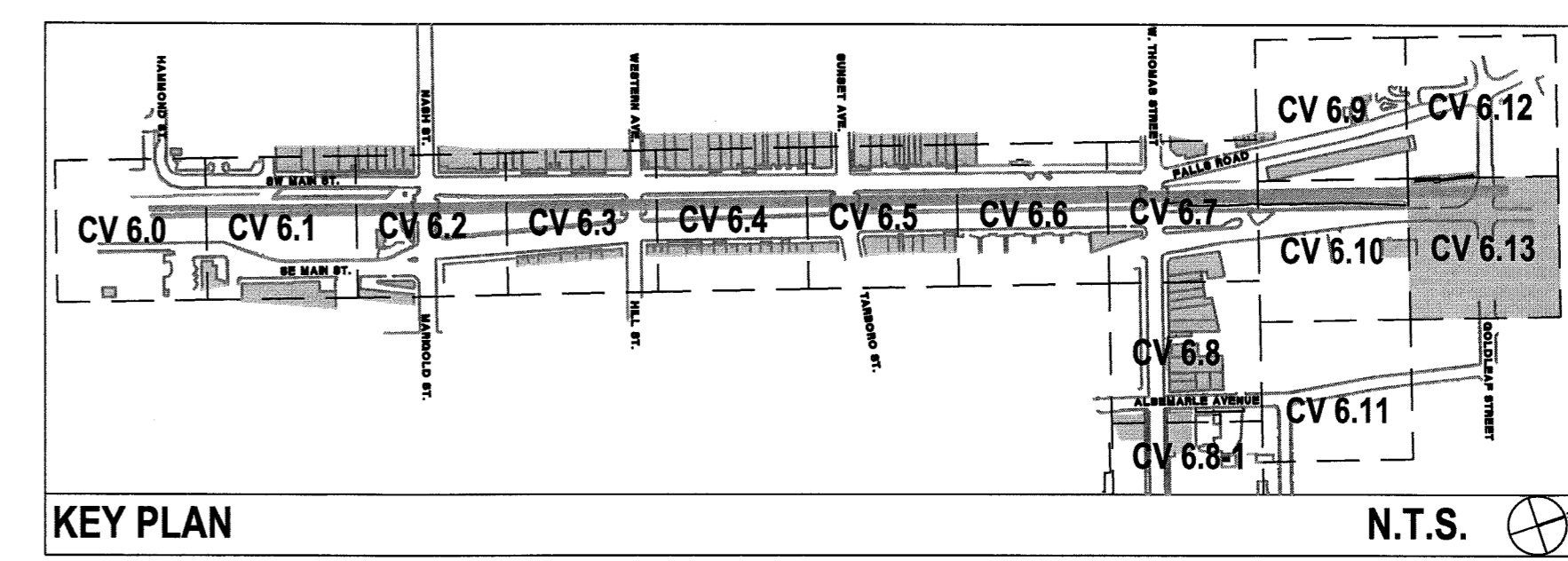


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STANDARD SPECIFICATIONS

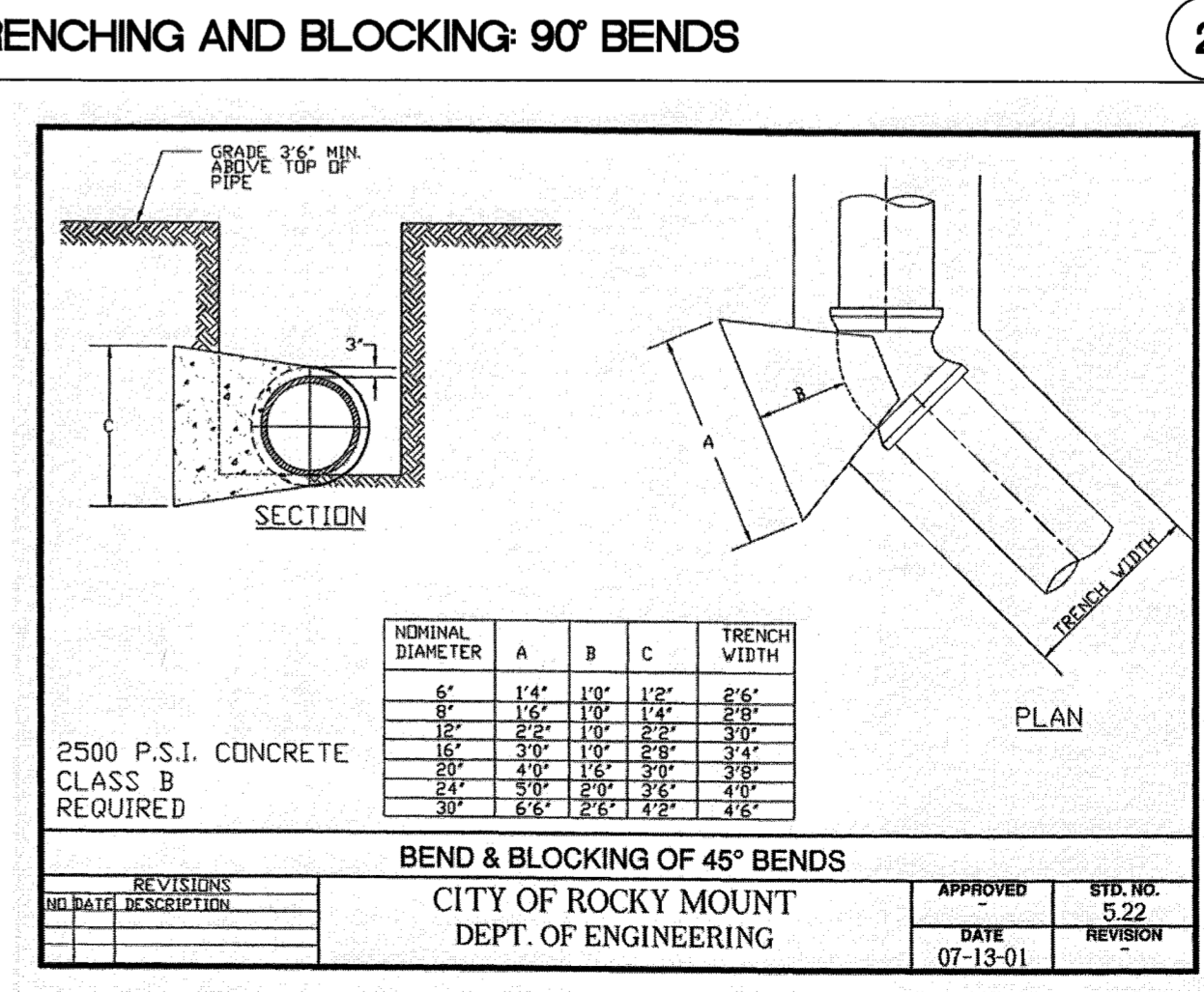
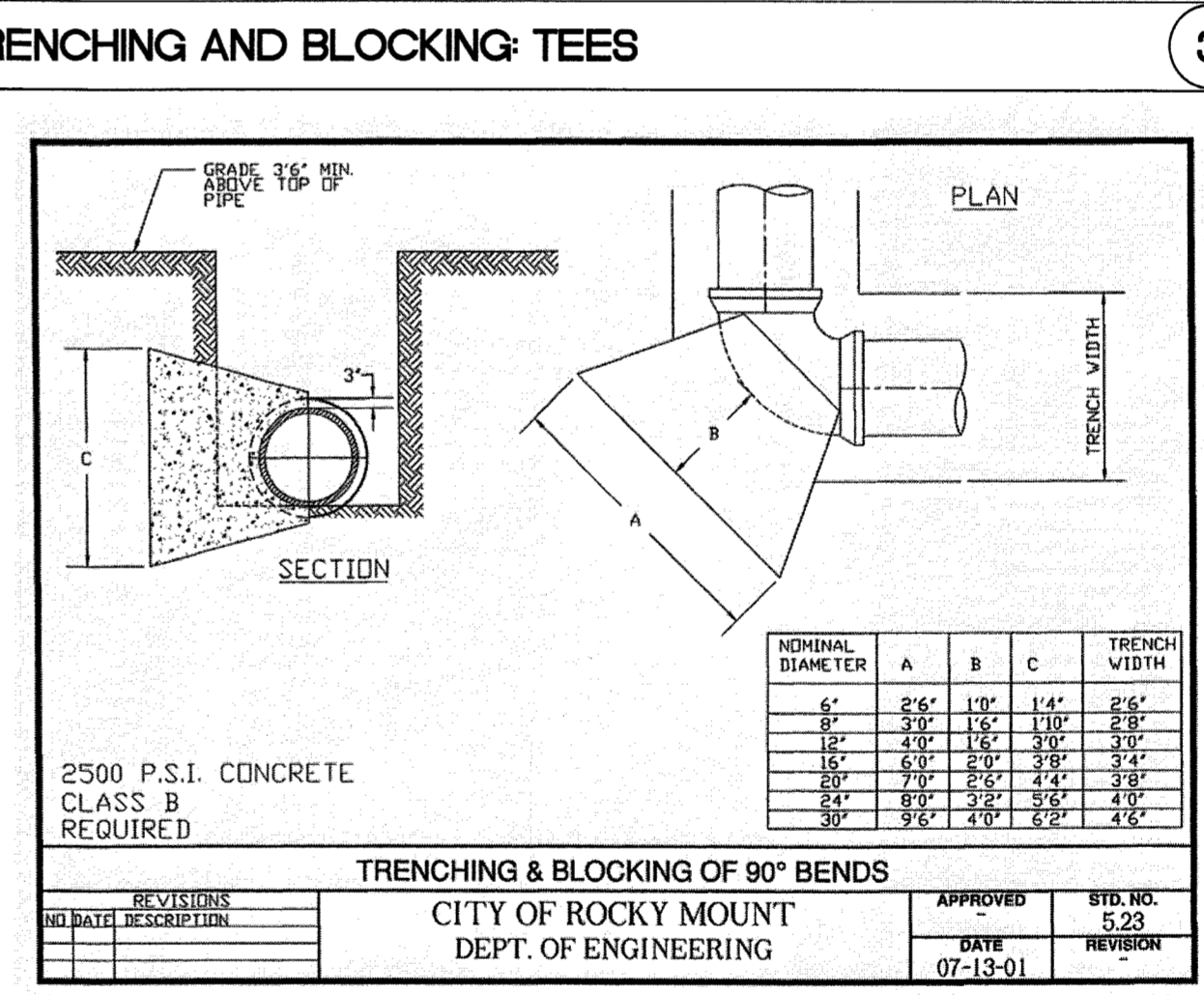
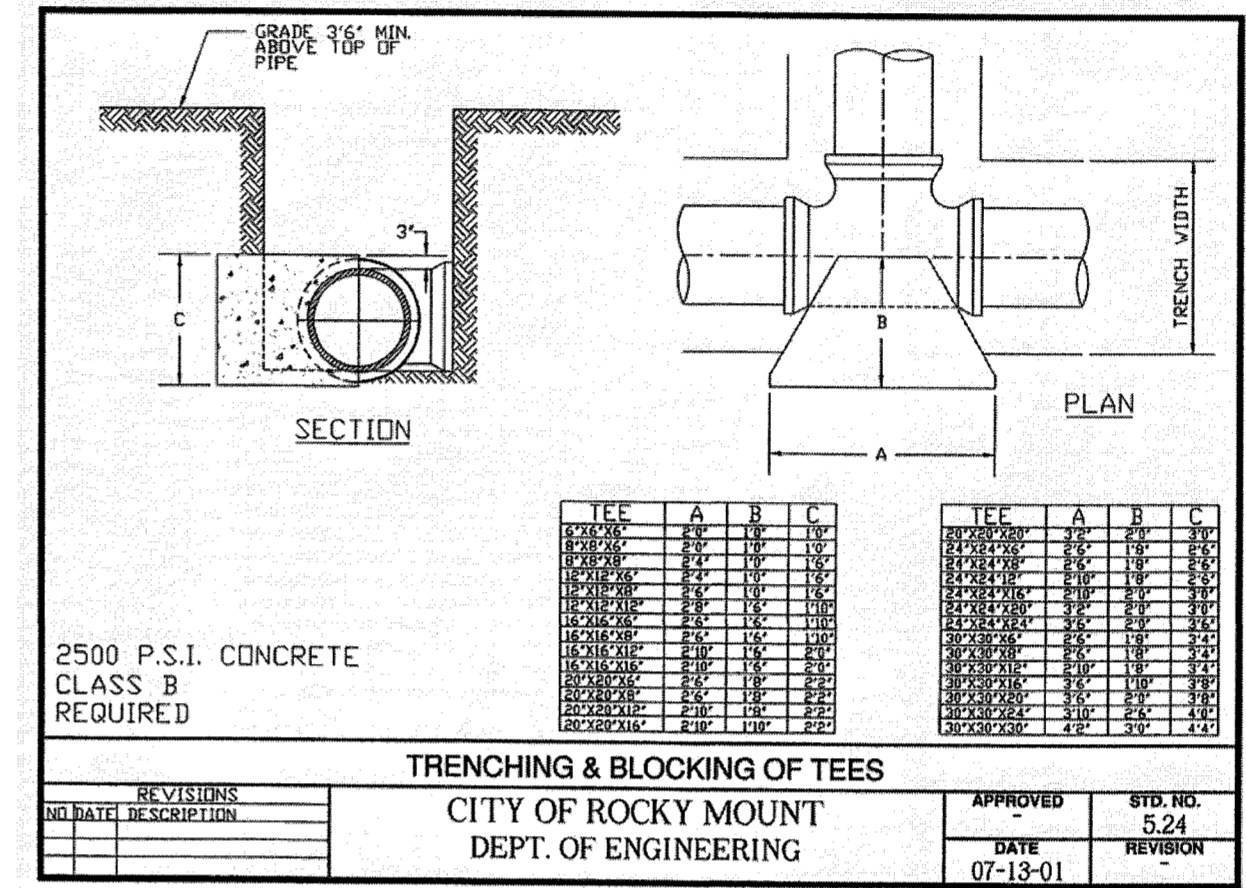
WATER SYSTEM NAME	PLAN REVIEW TRACKING NO.	APPROVAL DATE
ROCKY MOUNT, CITY OF	#5746	10/29/1982



CV 6.13

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 ColeJenest & Stone, P.A. 2008 ©

	15	5	8	4
	14	11	7	3
	13	10	6	2
	12	9	5	1



TRENCHING AND BLOCKING: 45° BENDS



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

SITE DETAILS

UTILITIES

PROJECT NUMBER:

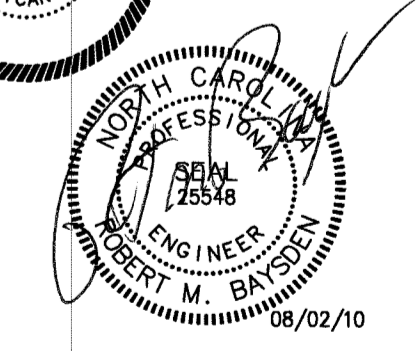
50219

ISSUED:

06.22.10

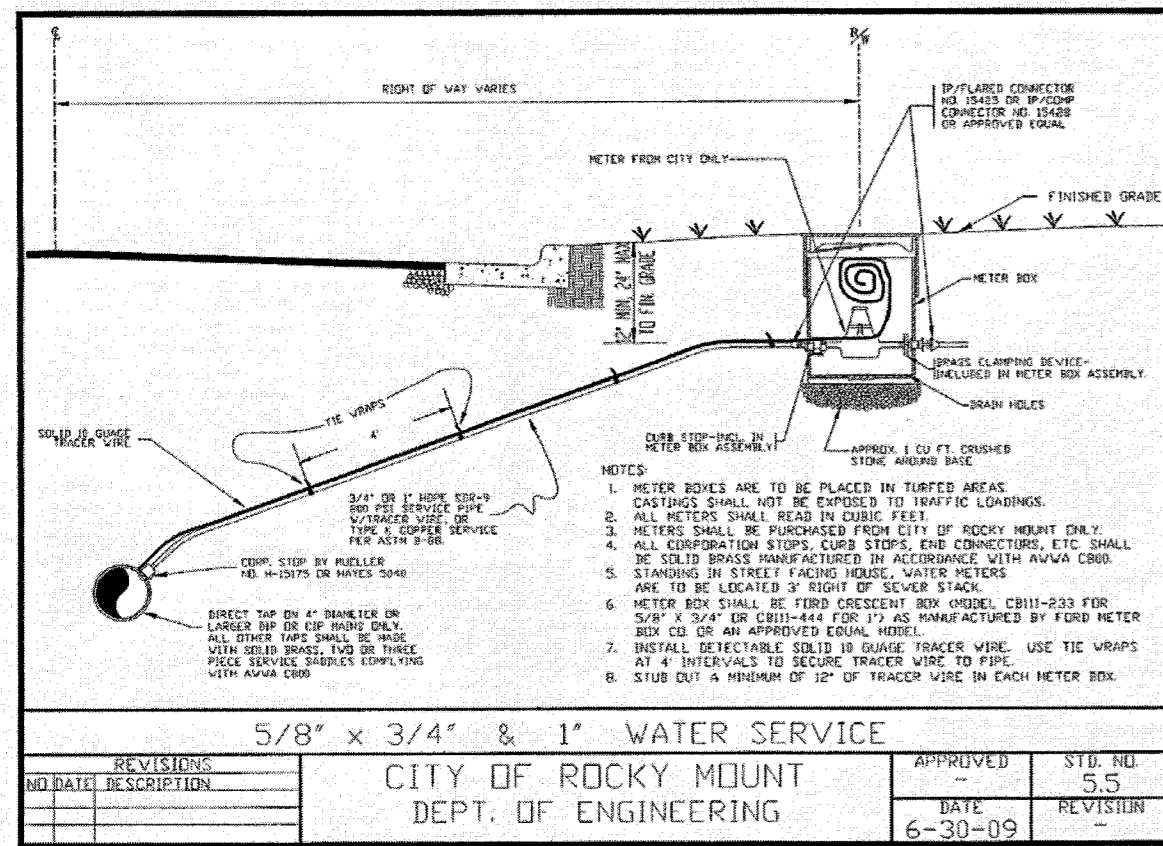
REVISED: # COMMENTS:

REVISED	#	COMMENTS
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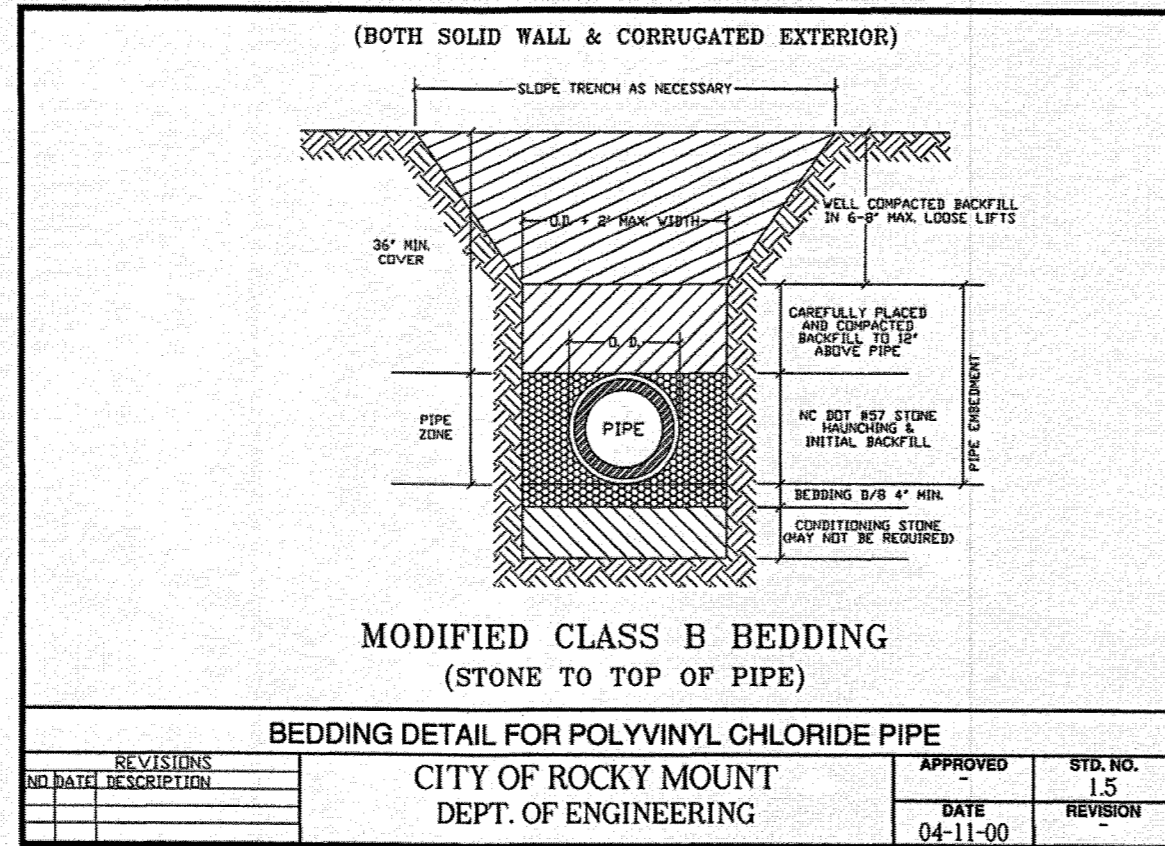
CV 6.14

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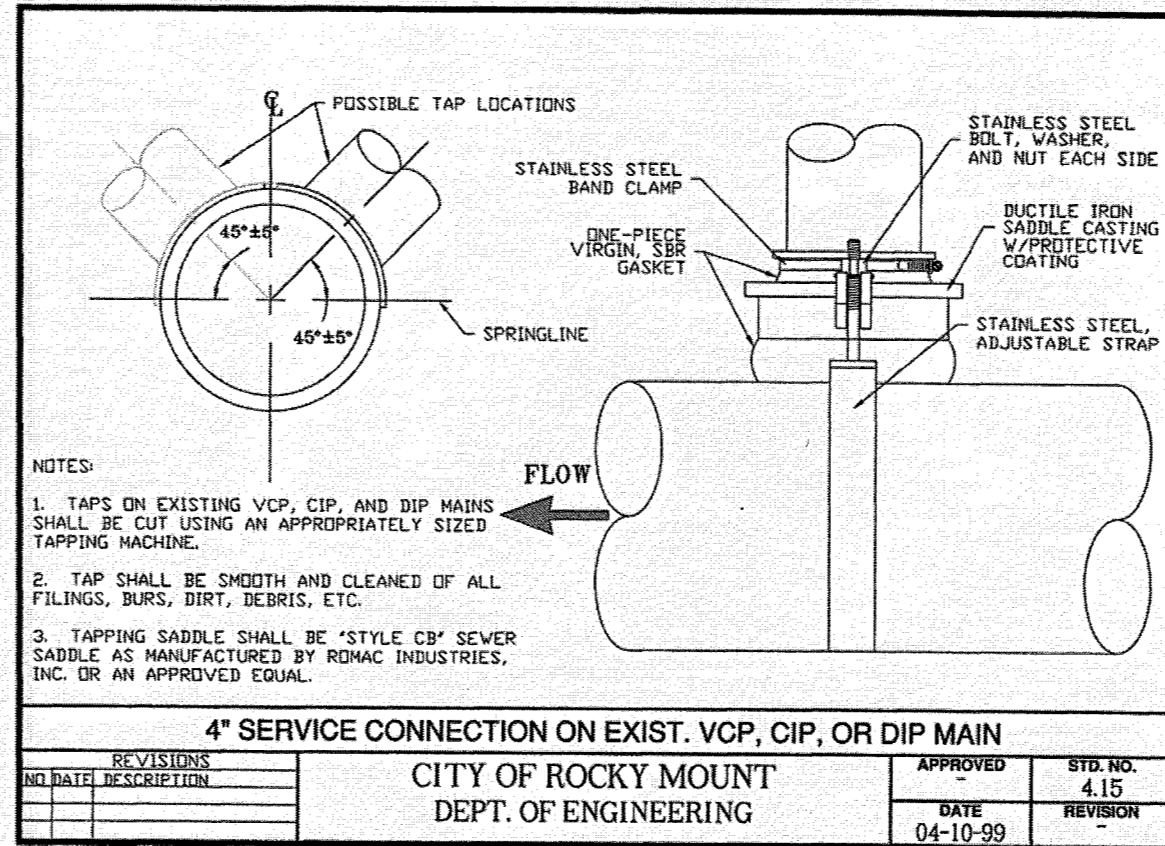
WATER SERVICE

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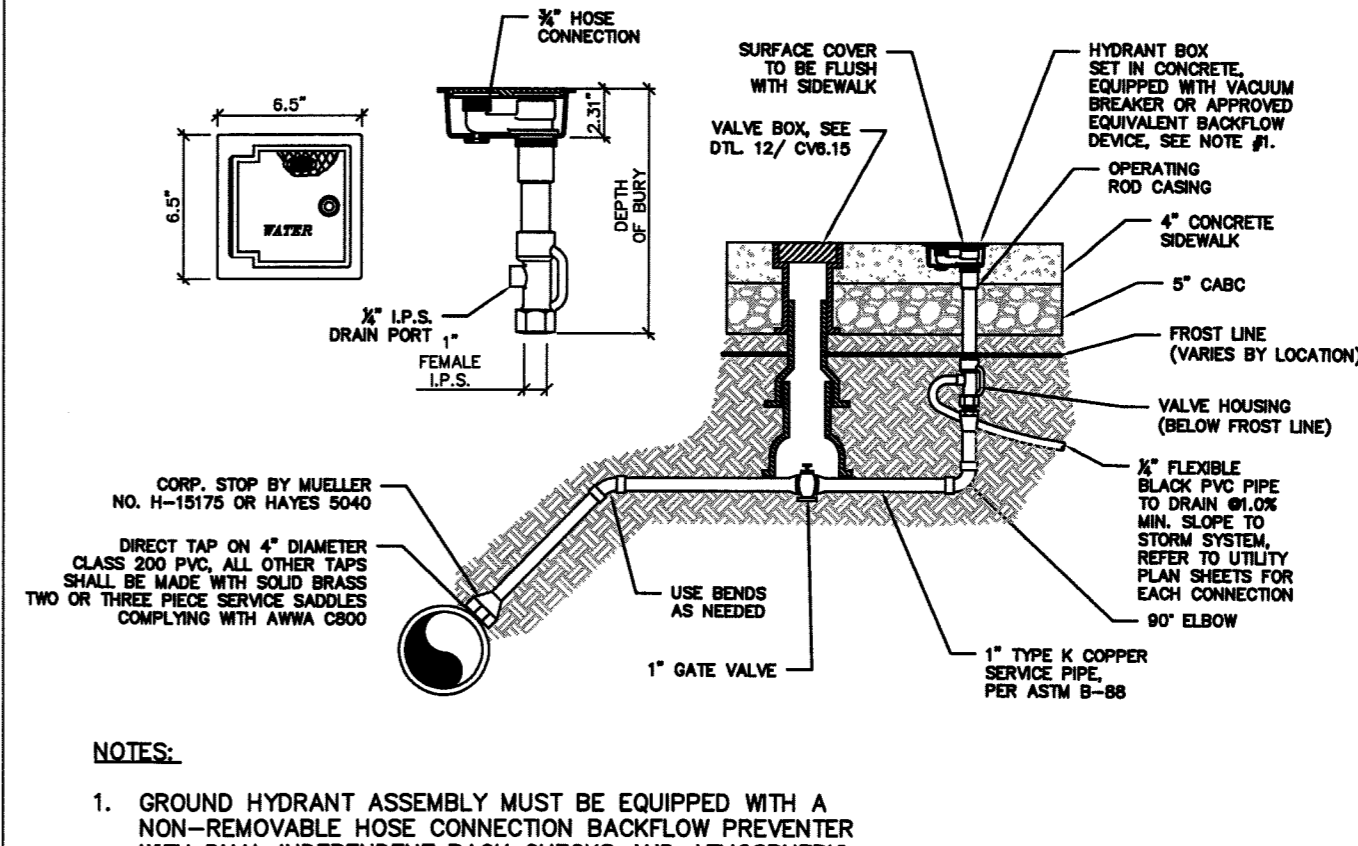
PVC BEDDING DETAIL

5



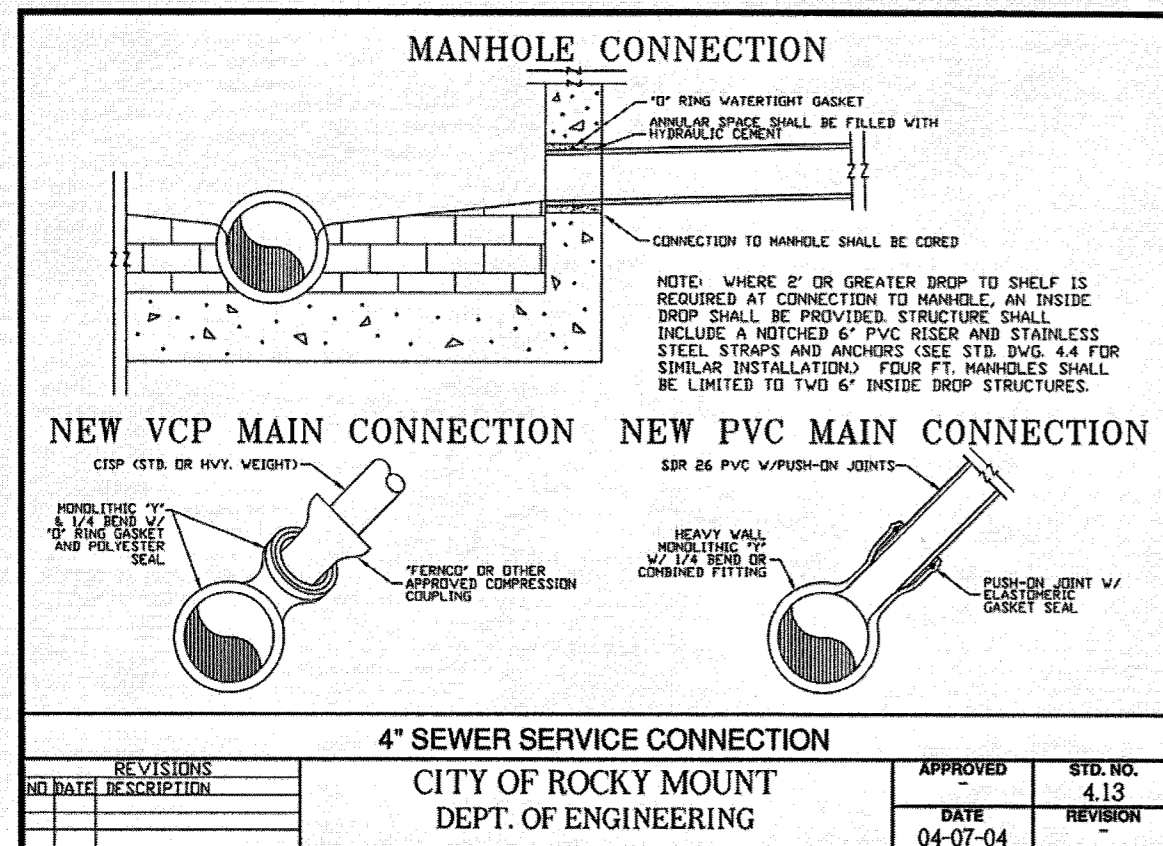
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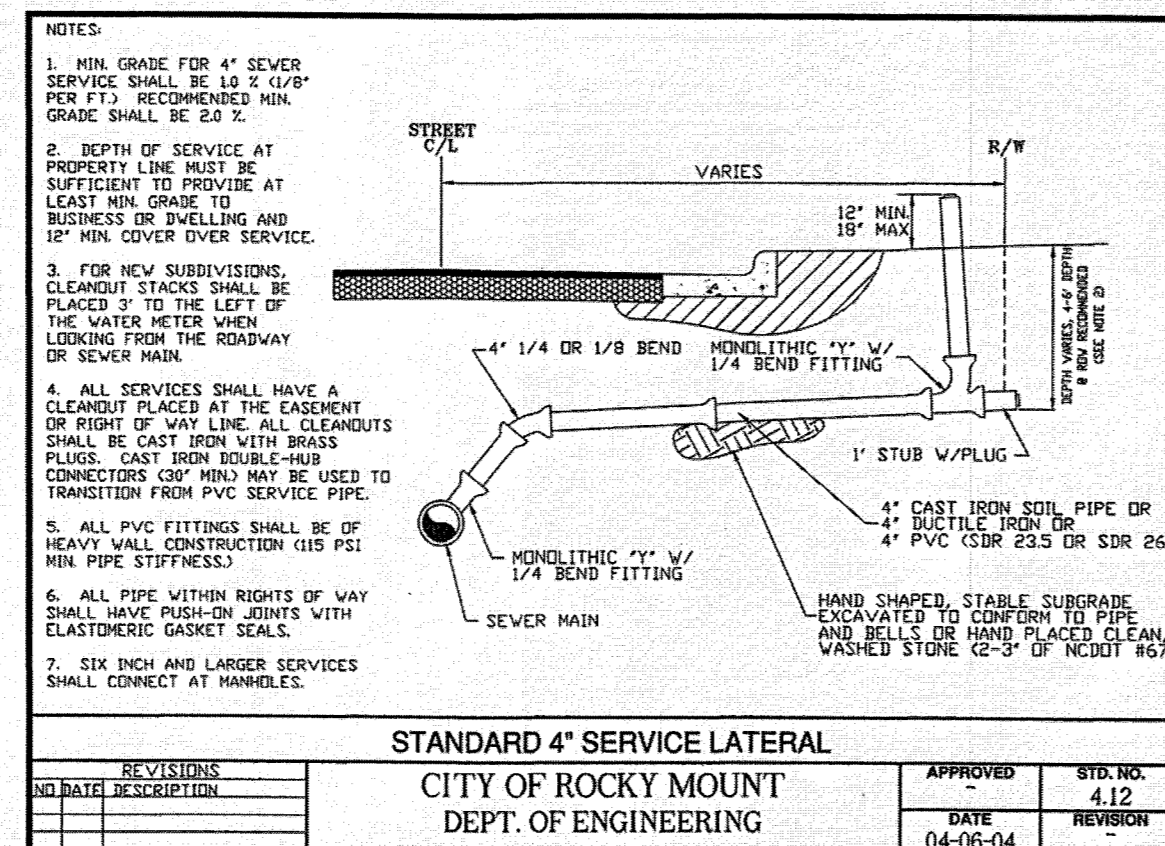
ENCASED GROUND HYDRANT

NTS 4



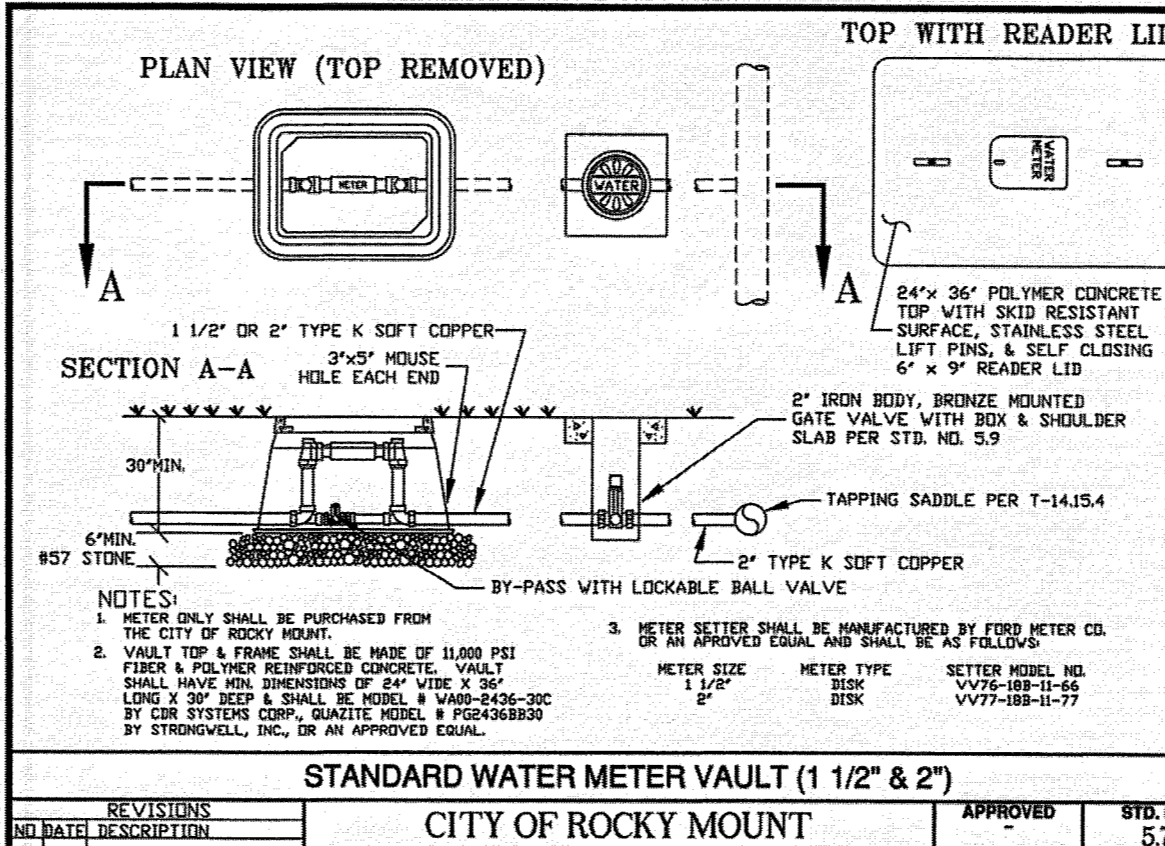
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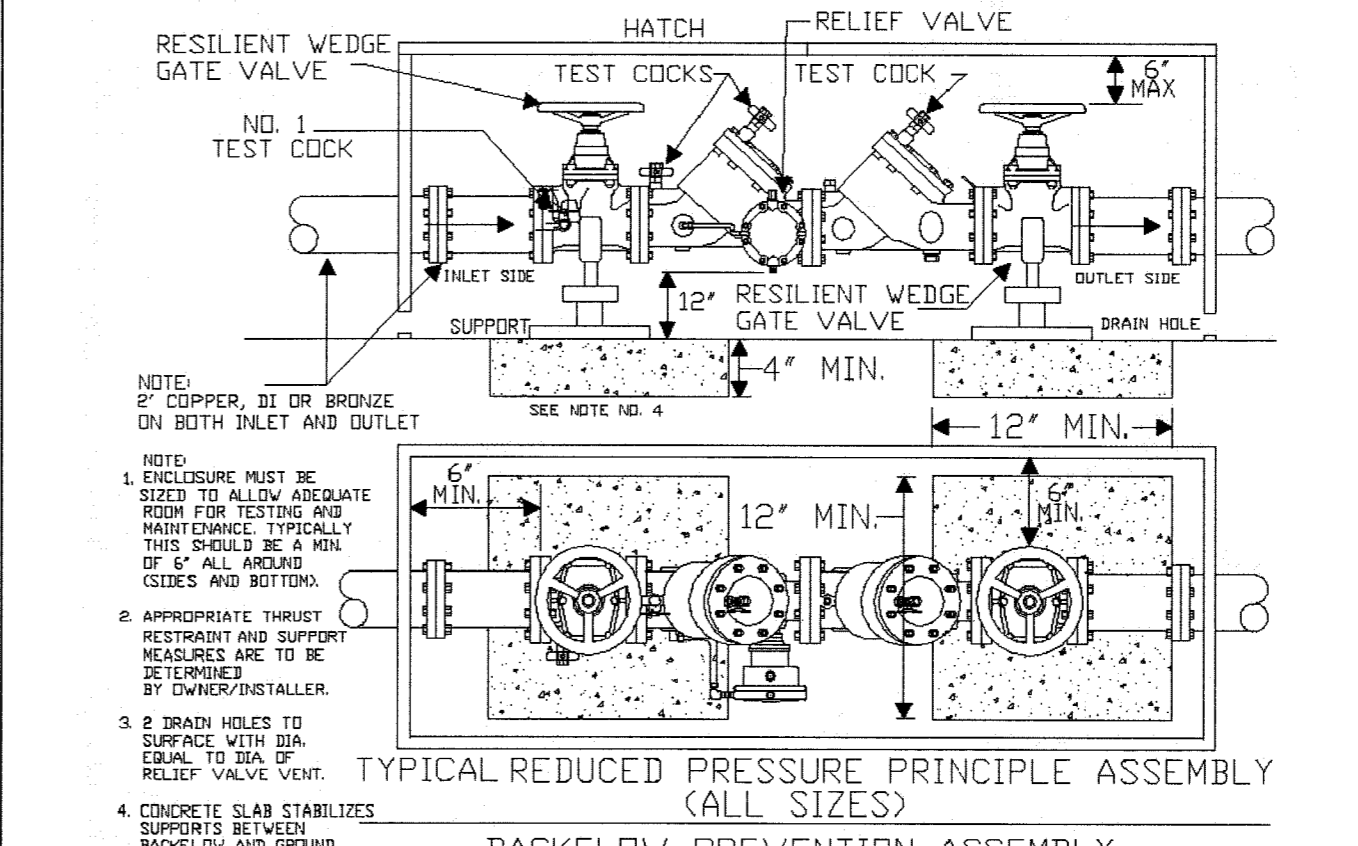
STANDARD 4\"/>

11



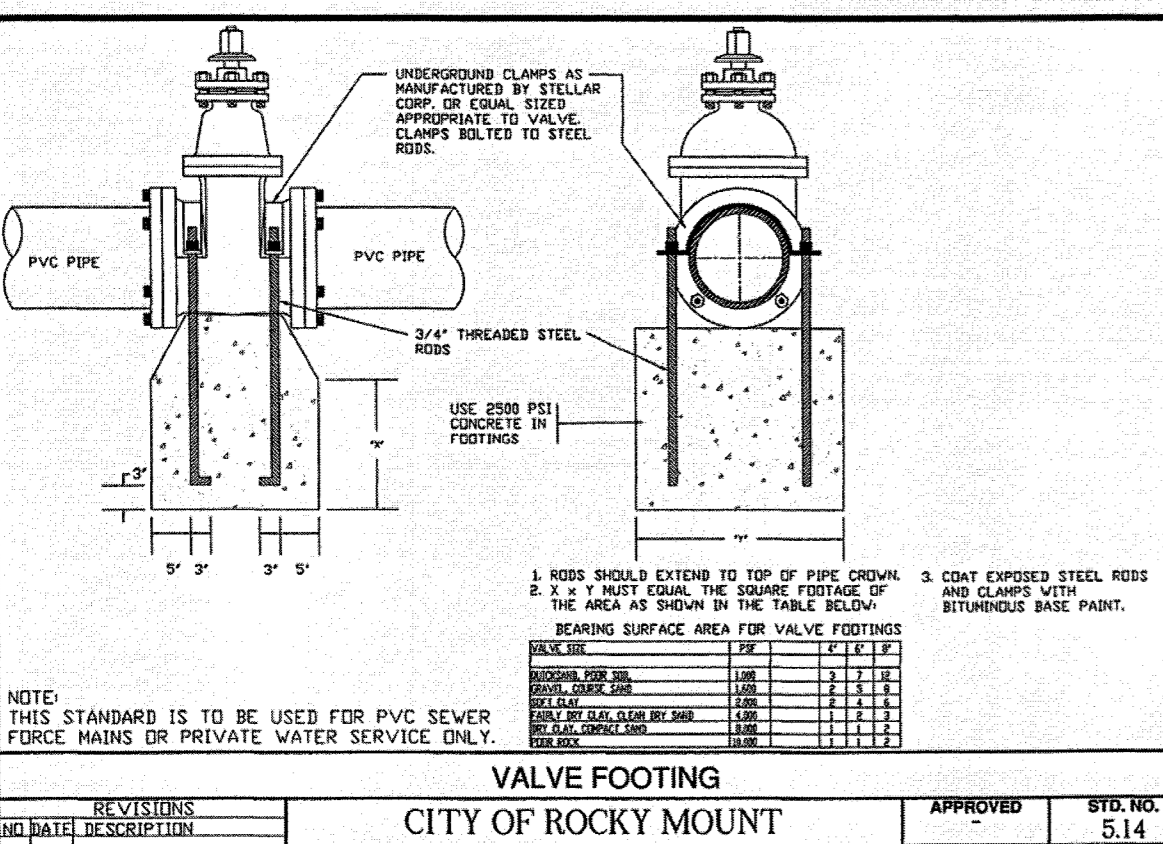
WATER METER VAULT (1-1/2\"/>

7



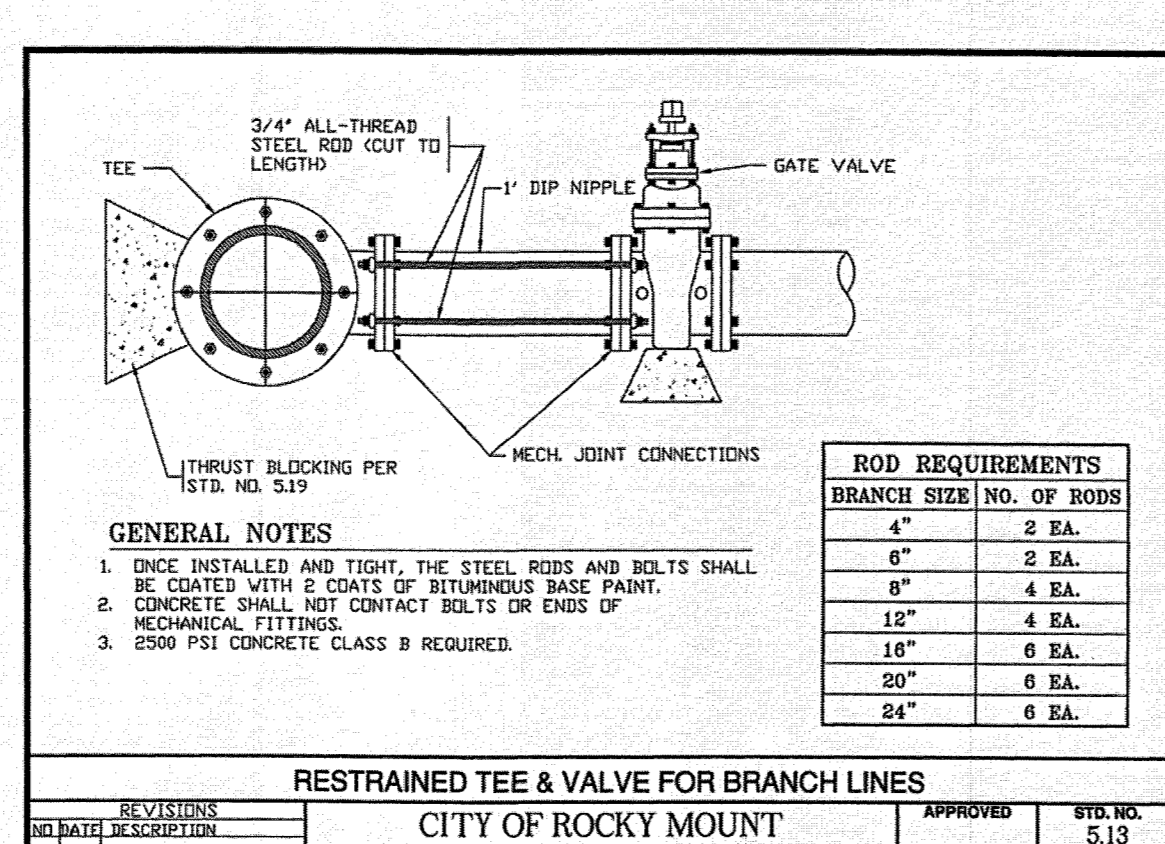
REDUCED PRESSURE PRINCIPLE ASSEMBLY (ALL SIZES)

3



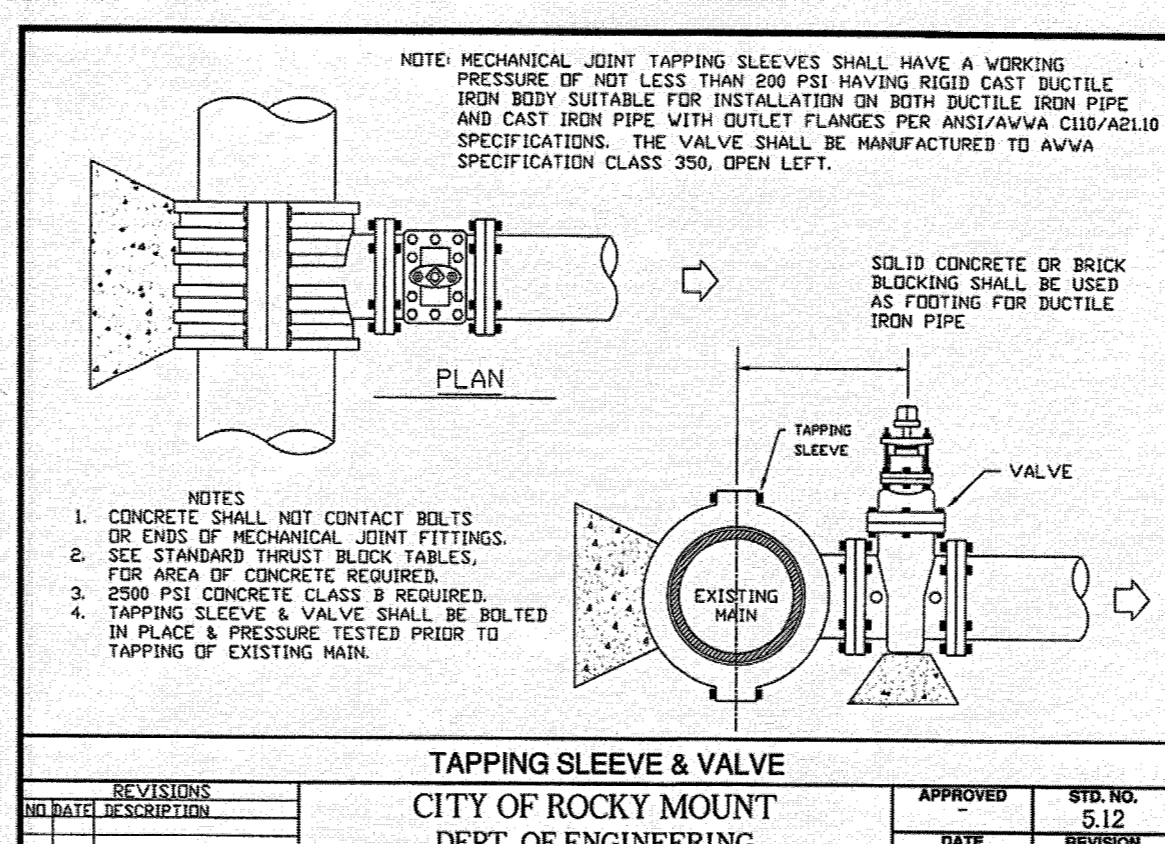
VALVE FOOTING

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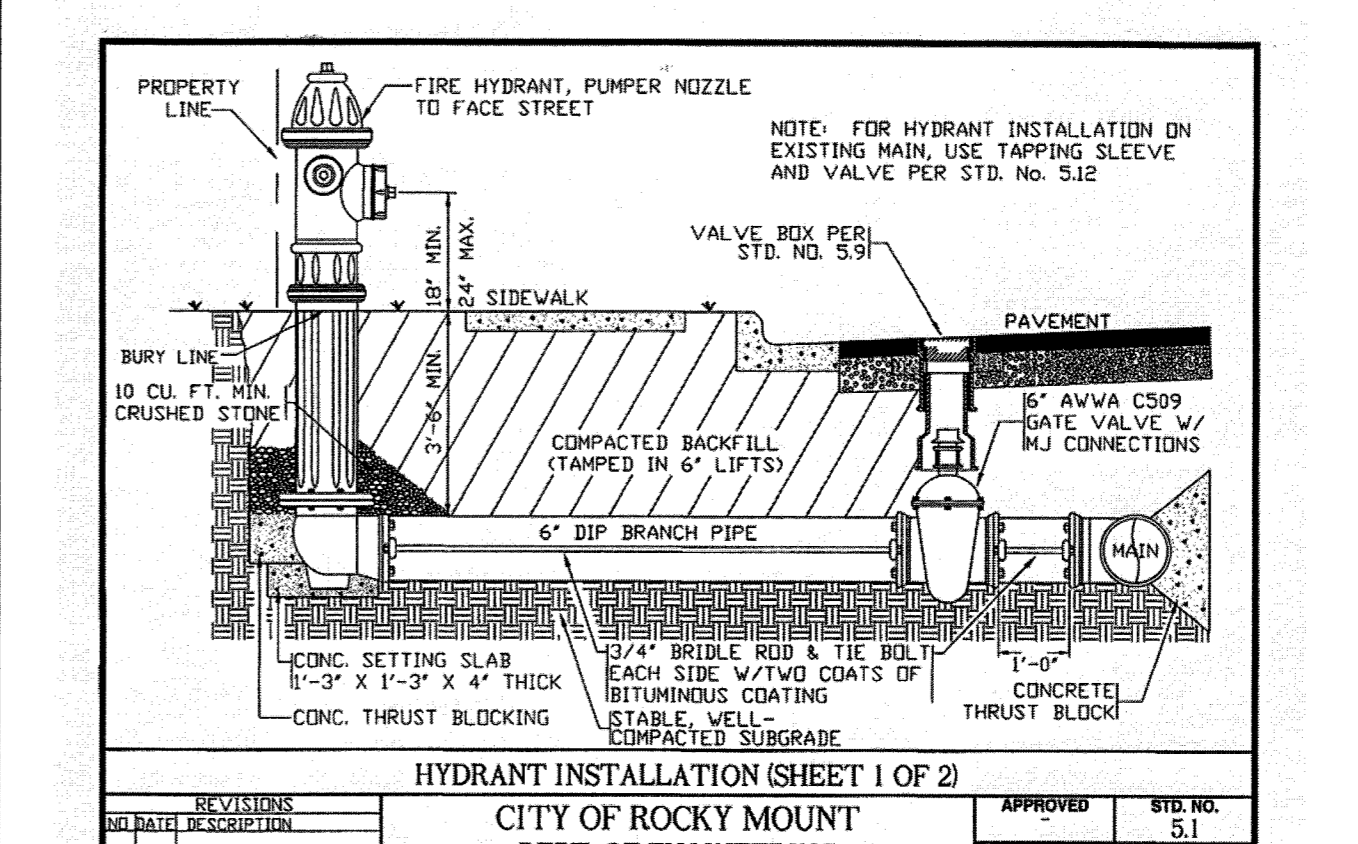
RESTRAINED TEE AND VALVE

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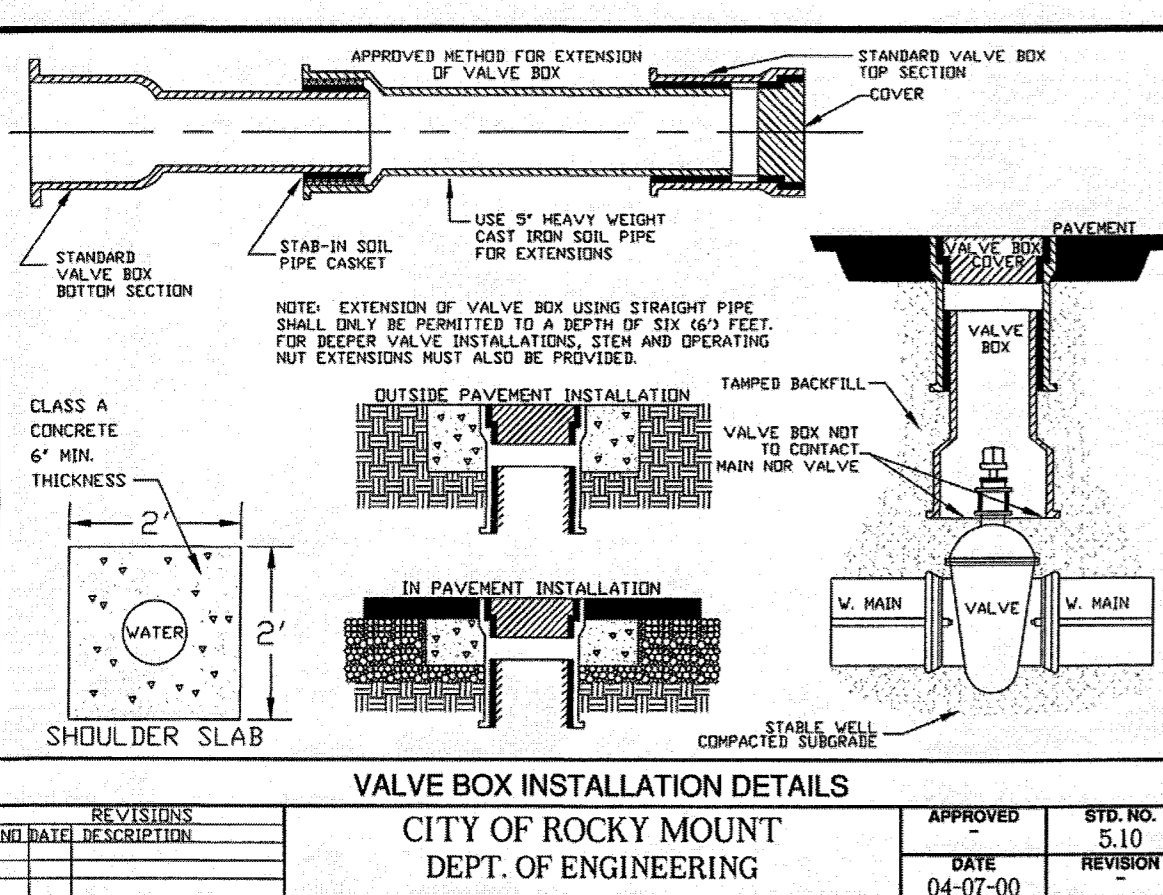
TAPPING SLEEVE AND VALVE

6



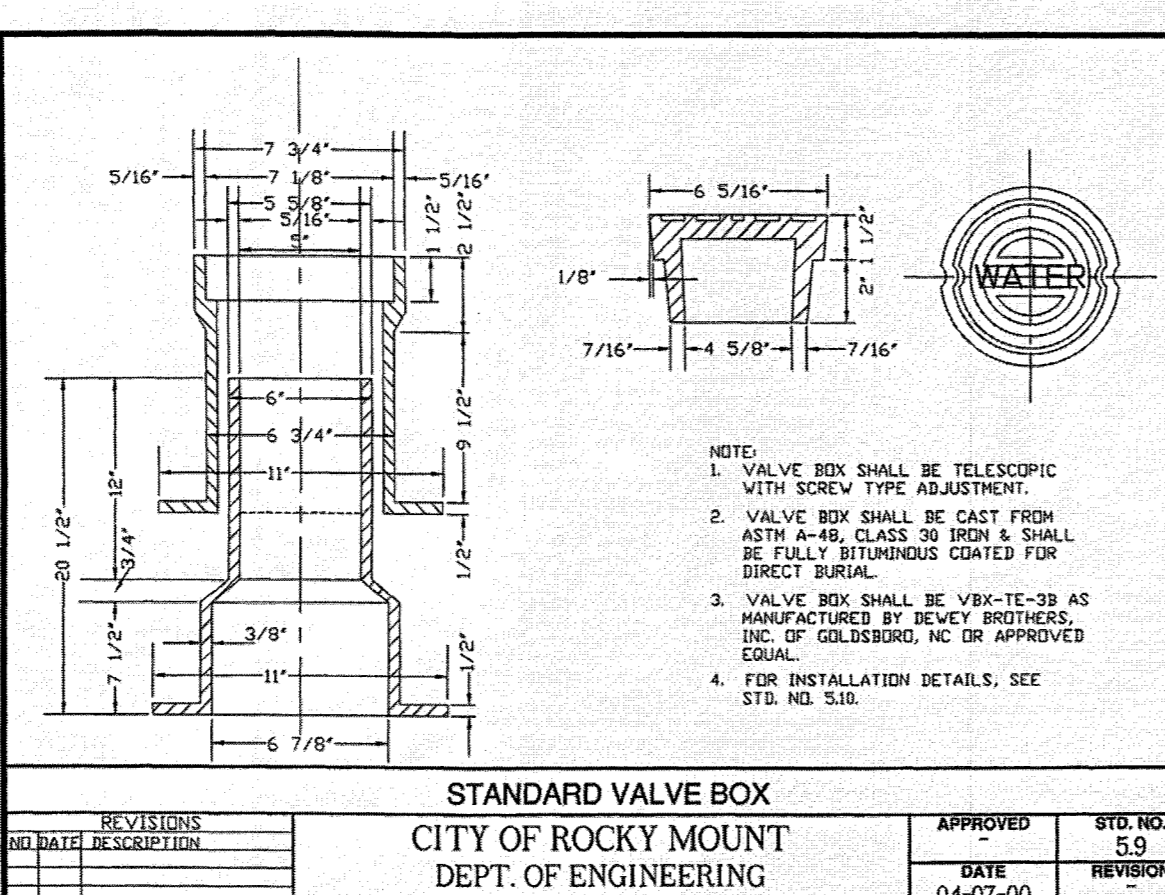
FIRE HYDRANT INSTALLATION

2



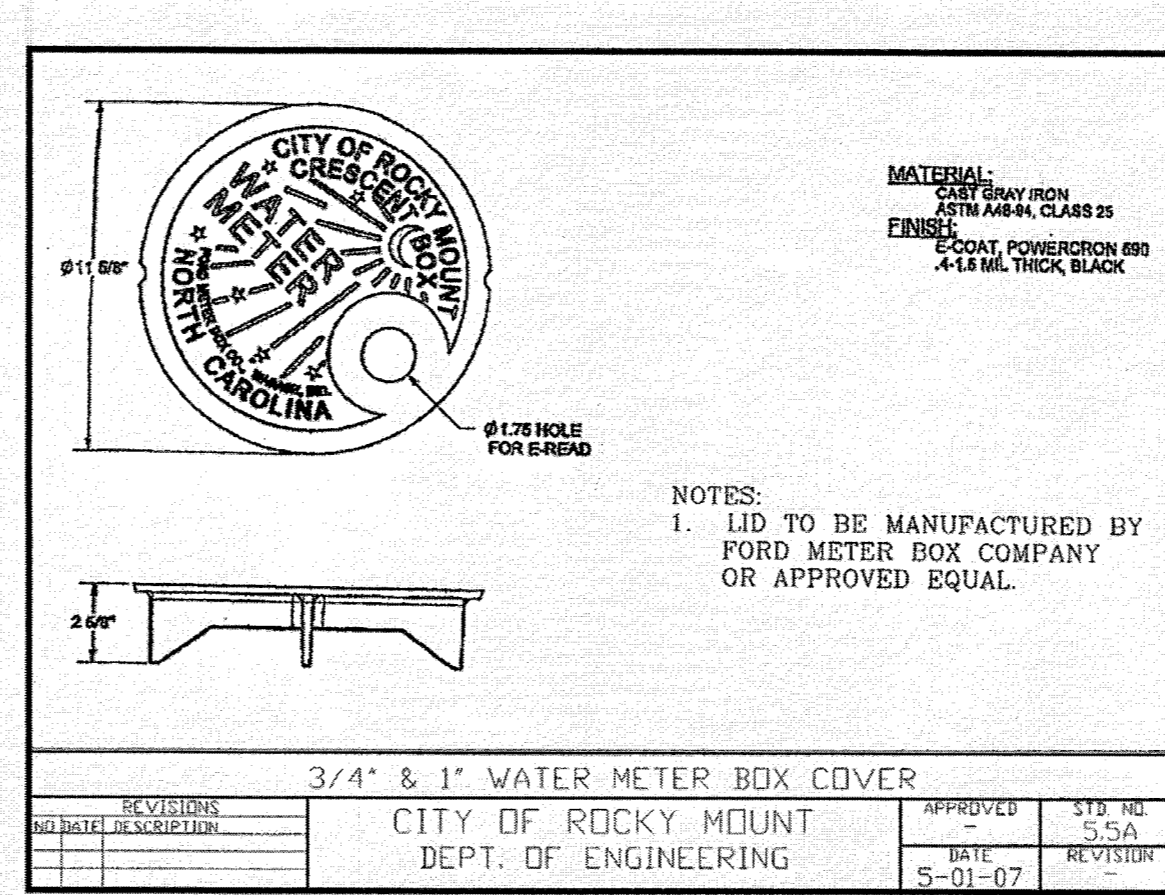
VALVE BOX INSTALLATION

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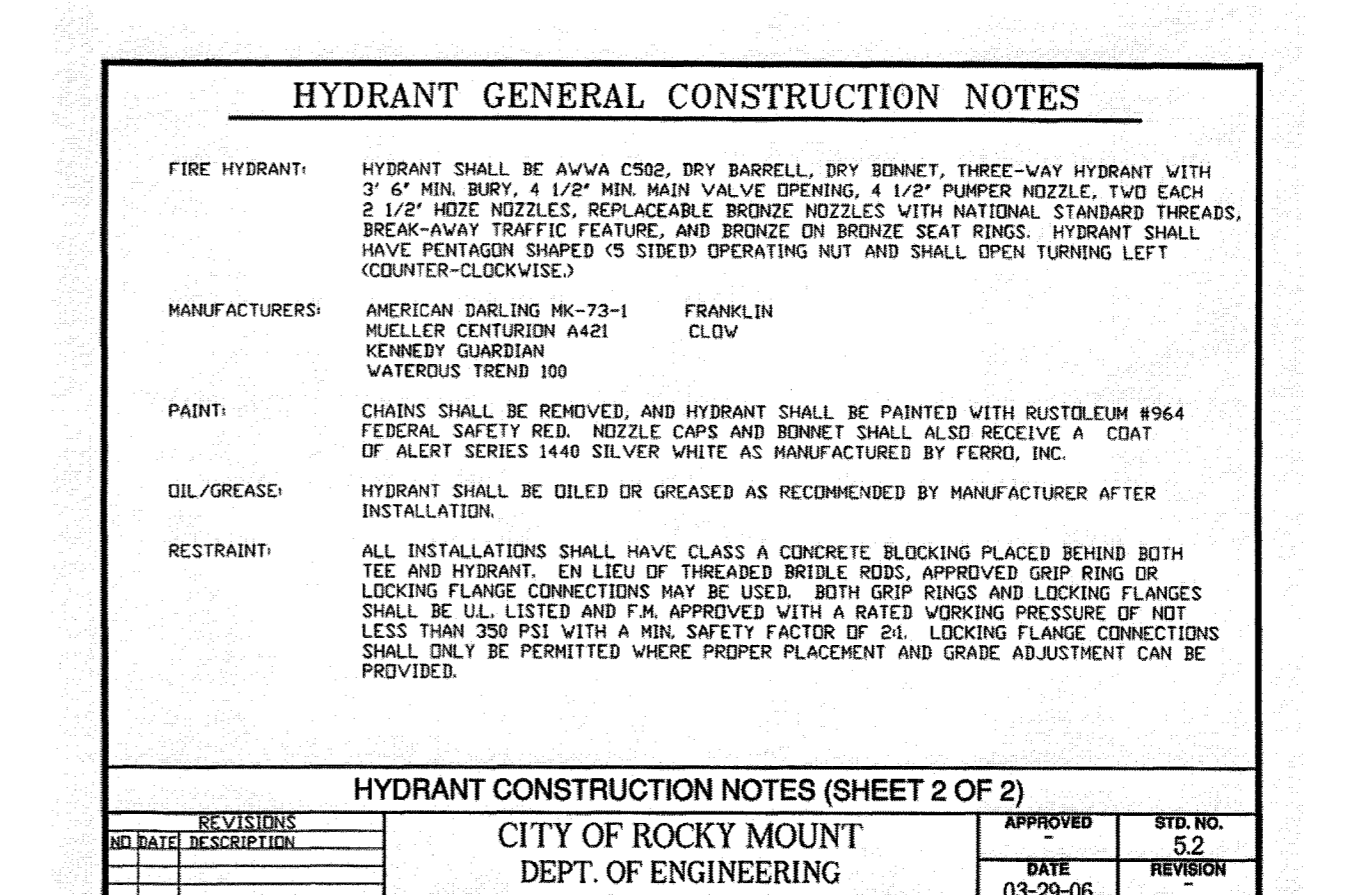
STANDARD VALVE BOX

9



WATER METER BOX COVER

5



FIRE HYDRANT NOTES

1

Harris & Associates, Inc. Construction Consultants

MORTAR&ink

elm

HNTB

City of Rocky Mount North Carolina

URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT PHASE II

ISSUED FOR BIDDING

SITE DETAILS

UTILITIES

PROJECT NUMBER: 50219

ISSUED: 06.22.10

REVISED: # COMMENTS:

08.02.10	1	ENCASED GROUND HYDRANT
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COLEJENEST & STONE, P.A.

REGISTERED PROFESSIONAL ENGINEER

STATE OF NORTH CAROLINA

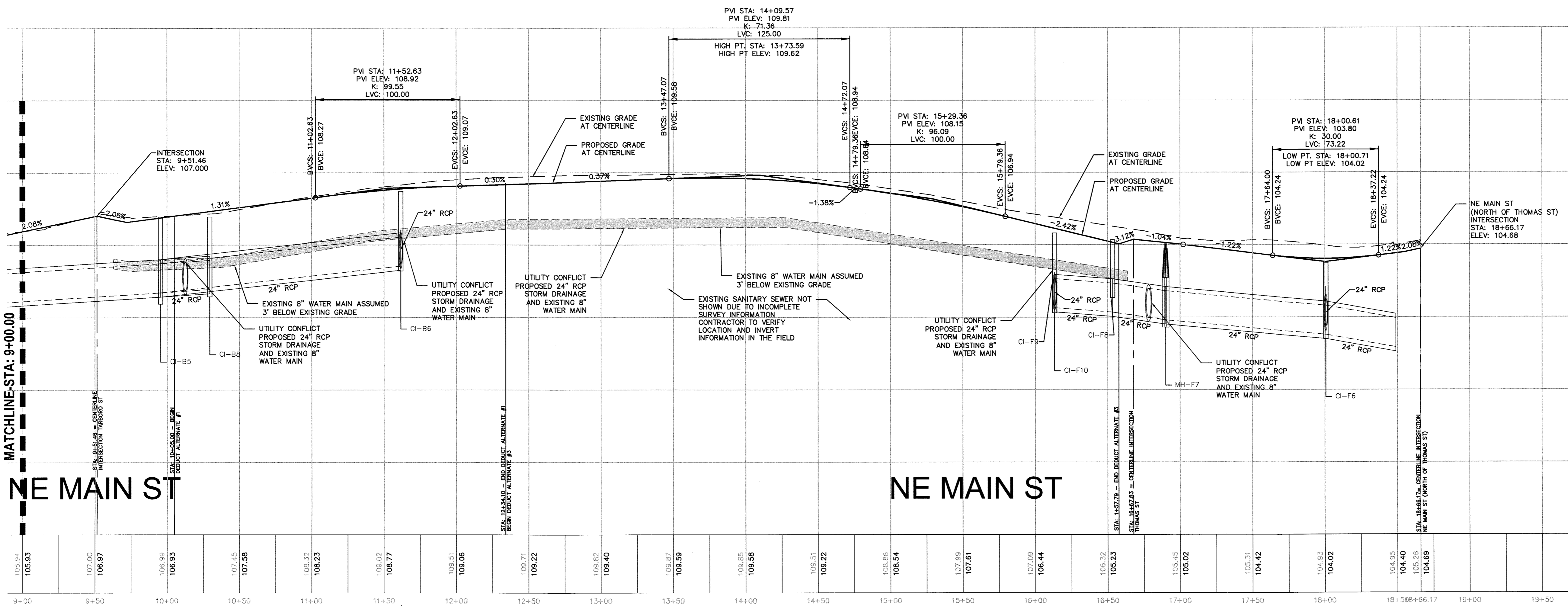
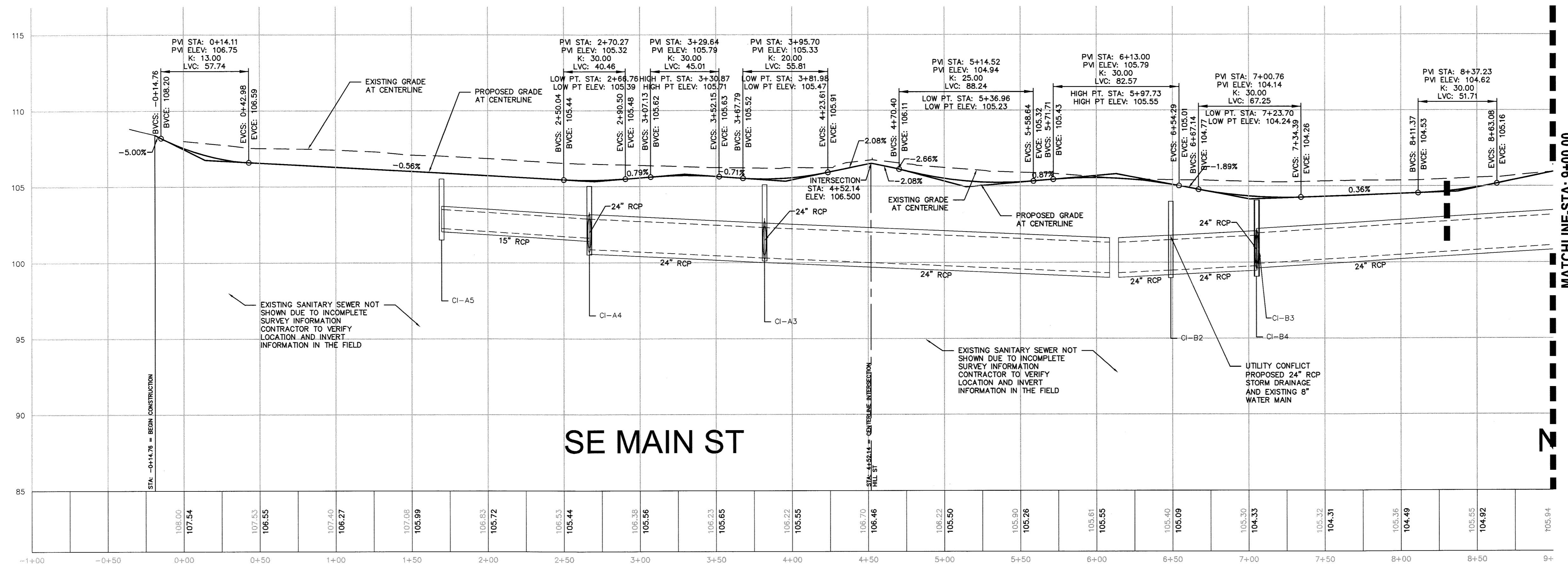
125548

08/02/10

CV 6.15

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**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

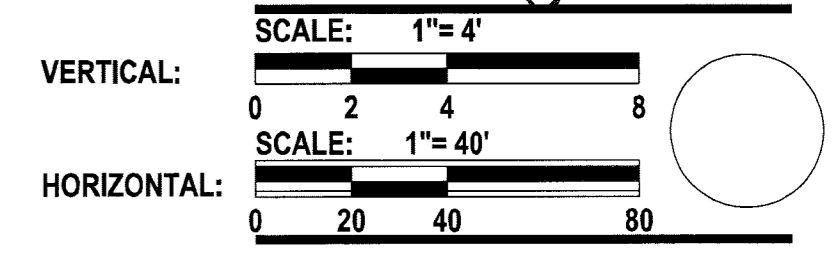
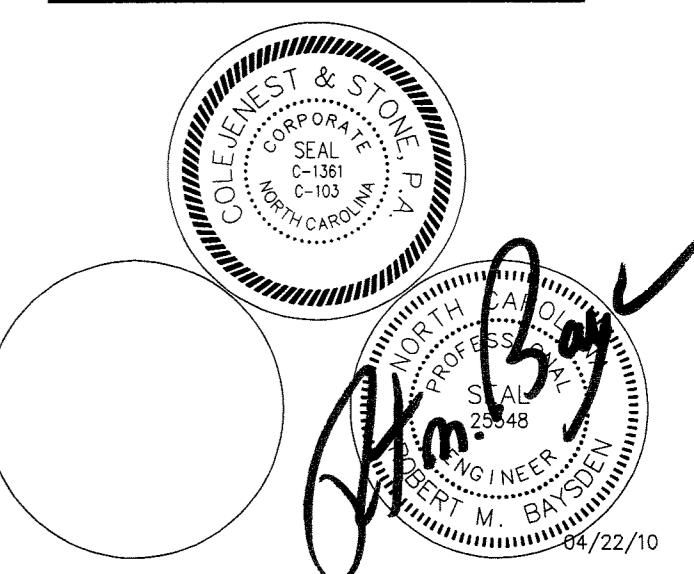
**STREET
PROFILES**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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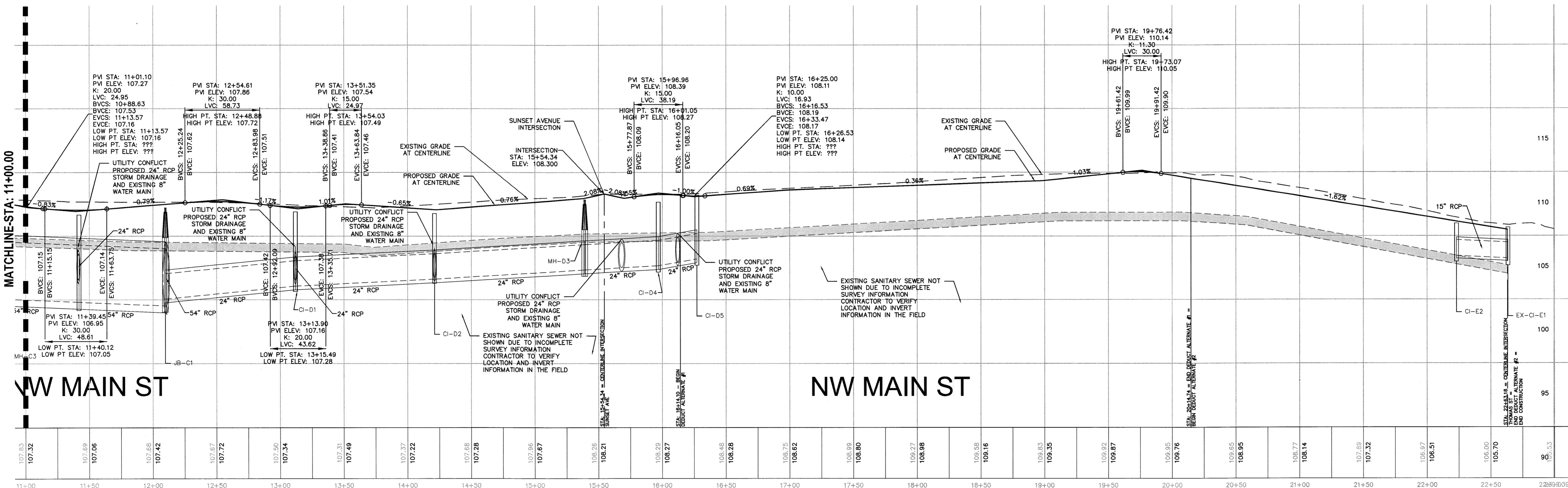
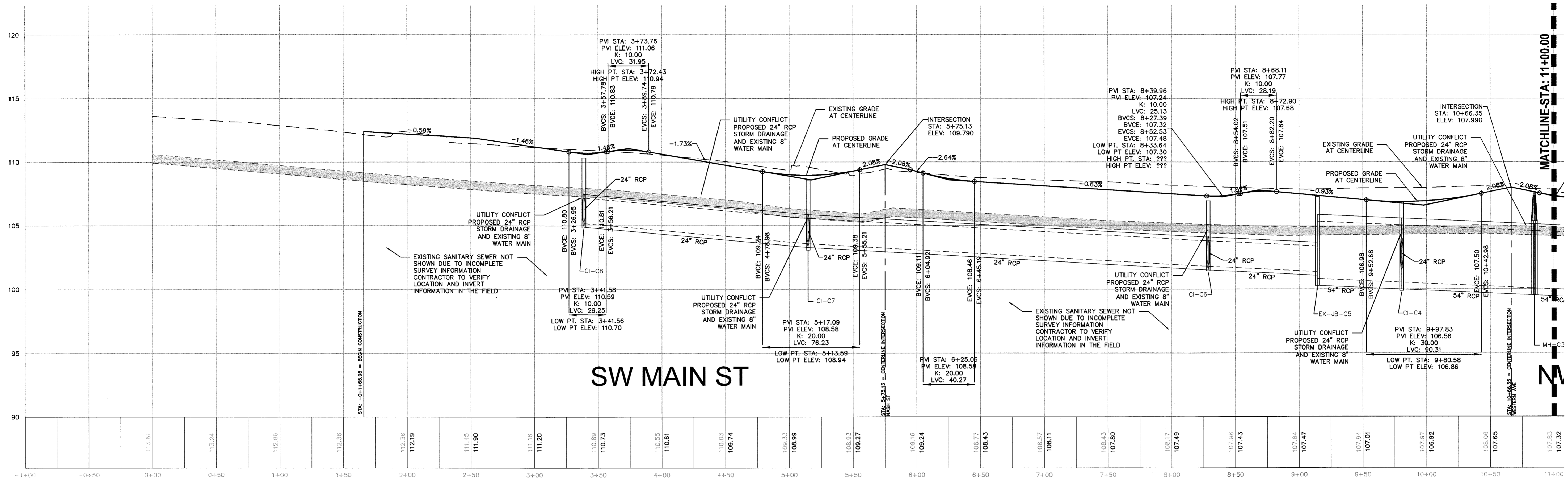


CV.7.0

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PLEASE SEE SHEET CV 6.14 FOR UTILITY NOTES.

ORIGINAL



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

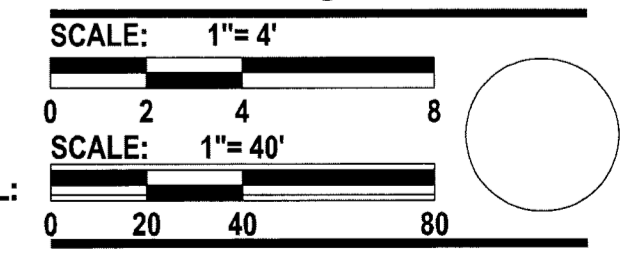
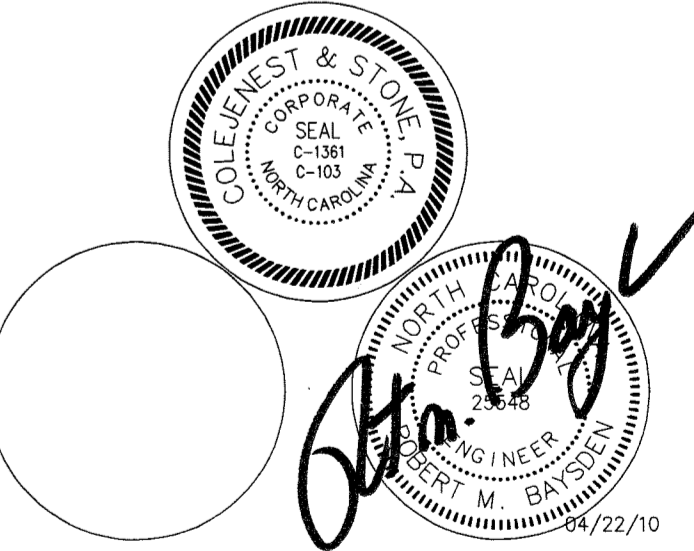
**STREET
PROFILES**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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CV.7.1

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ORIGINAL

URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT
PHASE II

ISSUED FOR BIDDING

STREET PROFILES

PROJECT NUMBER:

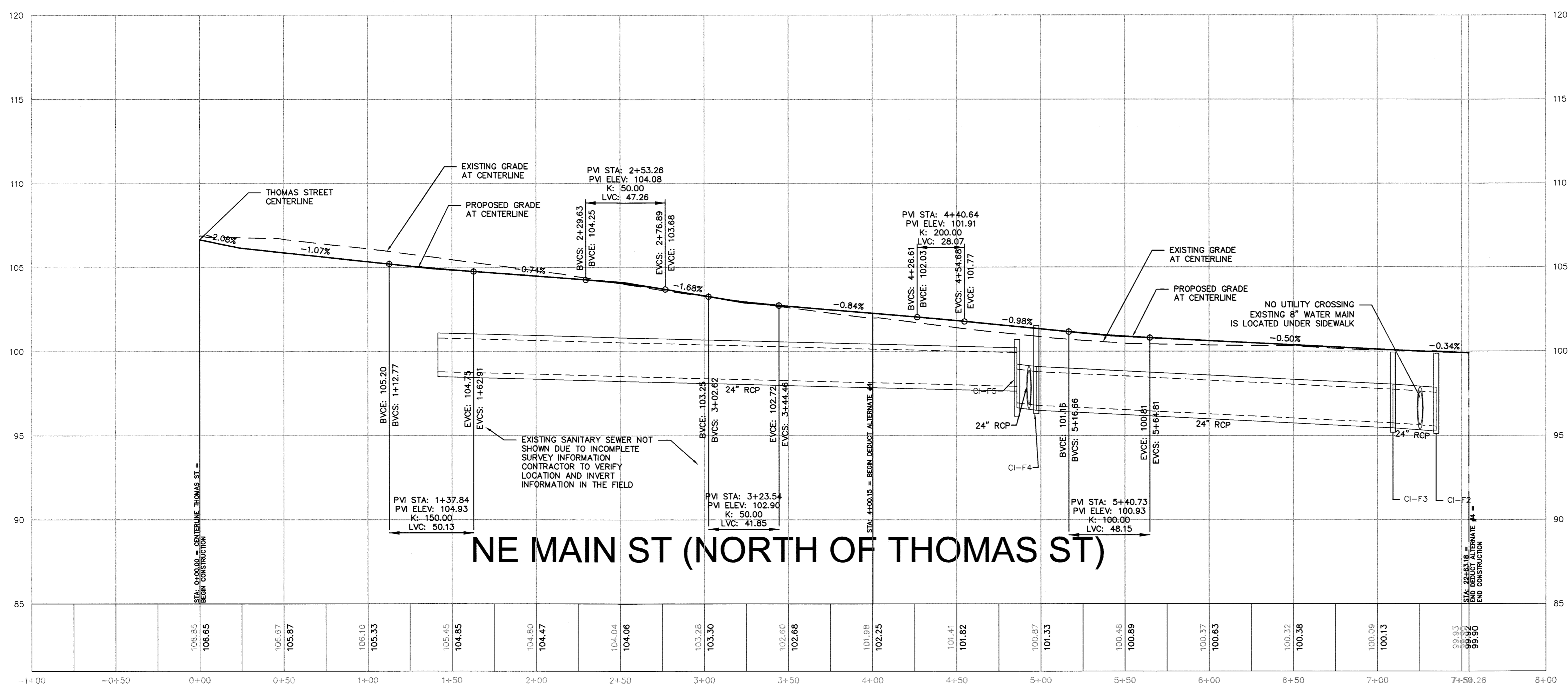
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ISSUED:

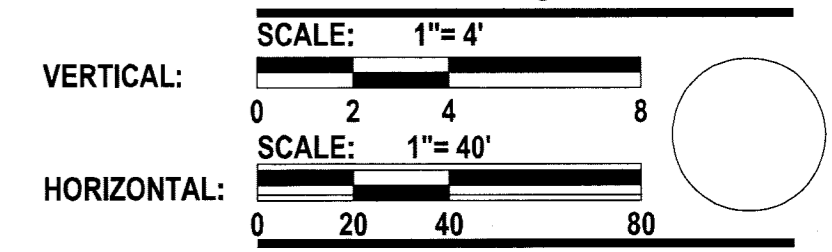
04.22.10

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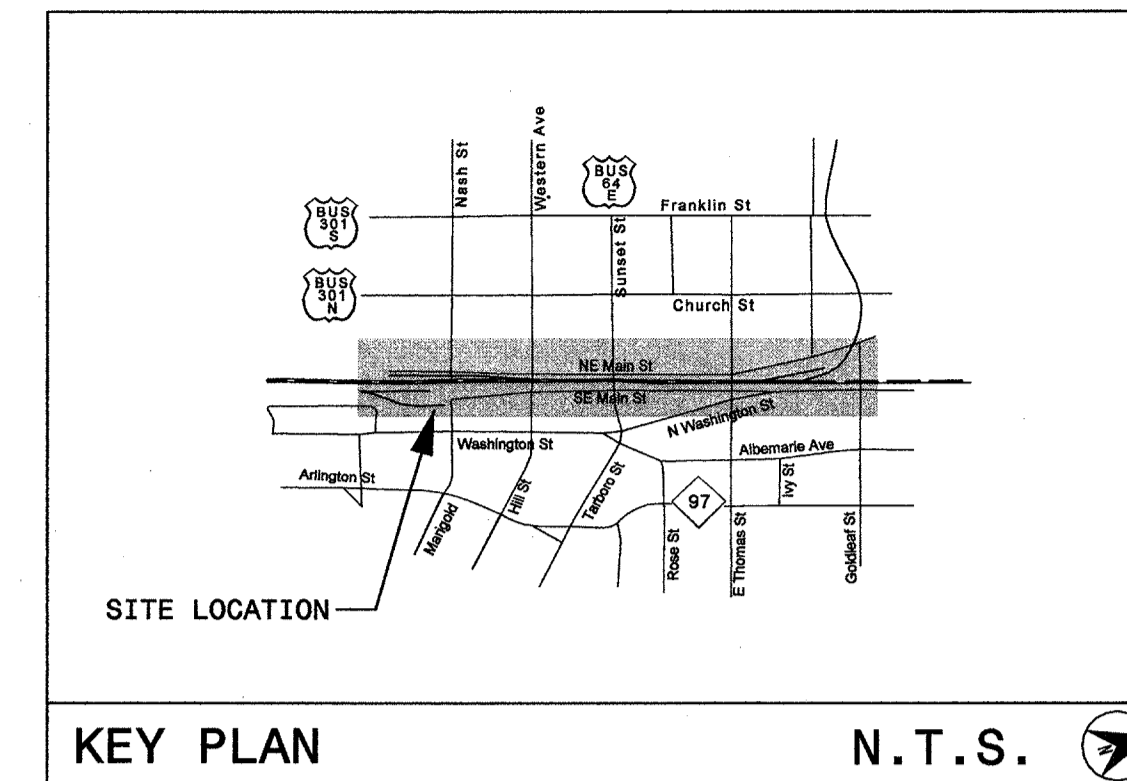
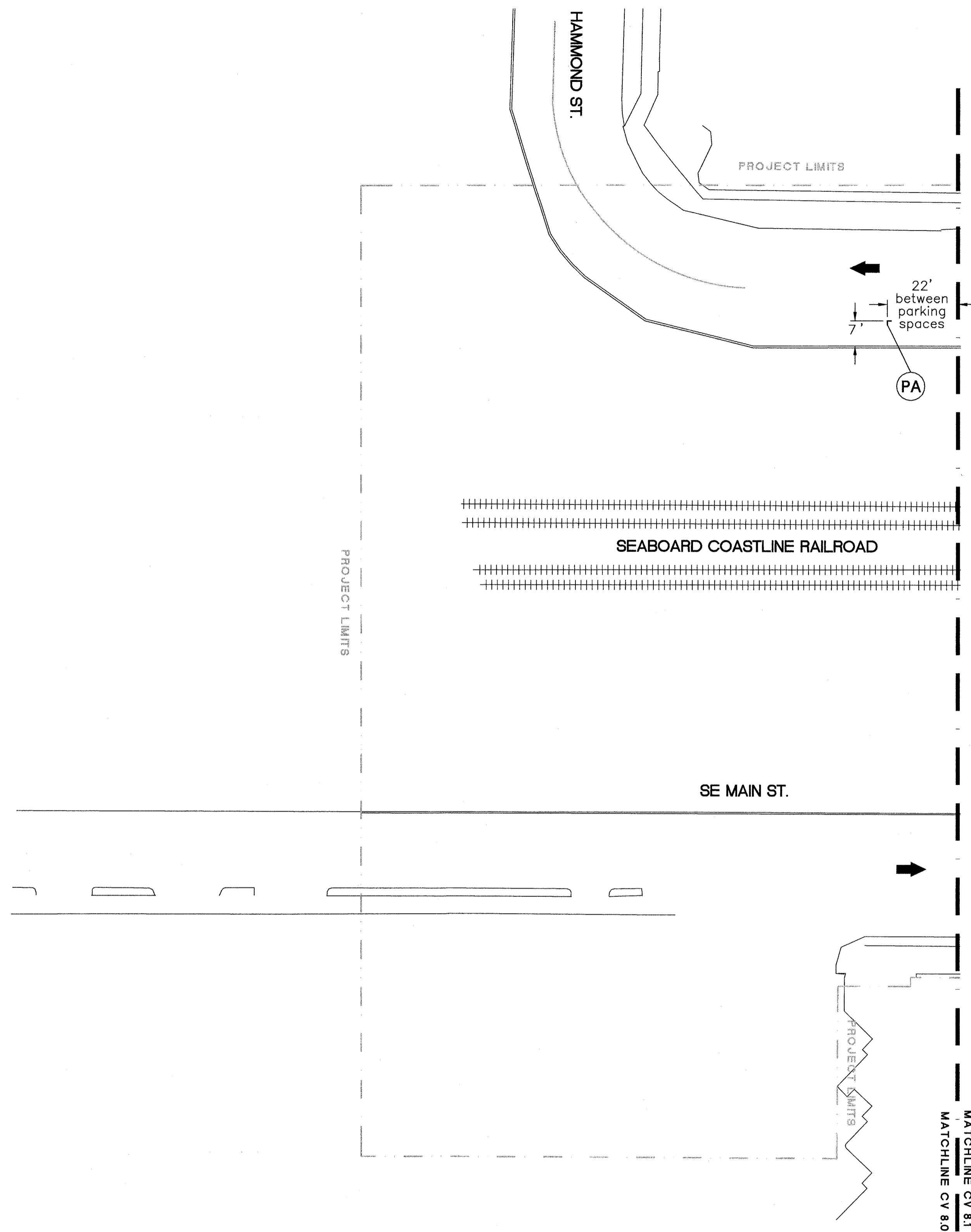


PLEASE SEE SHEET CV 6.14 FOR UTILITY NOTES.



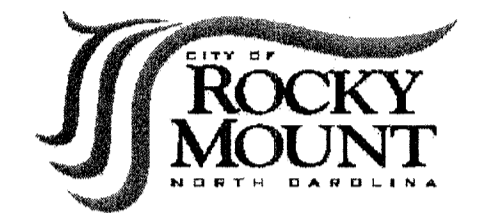
CV7.2

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	→↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	→



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

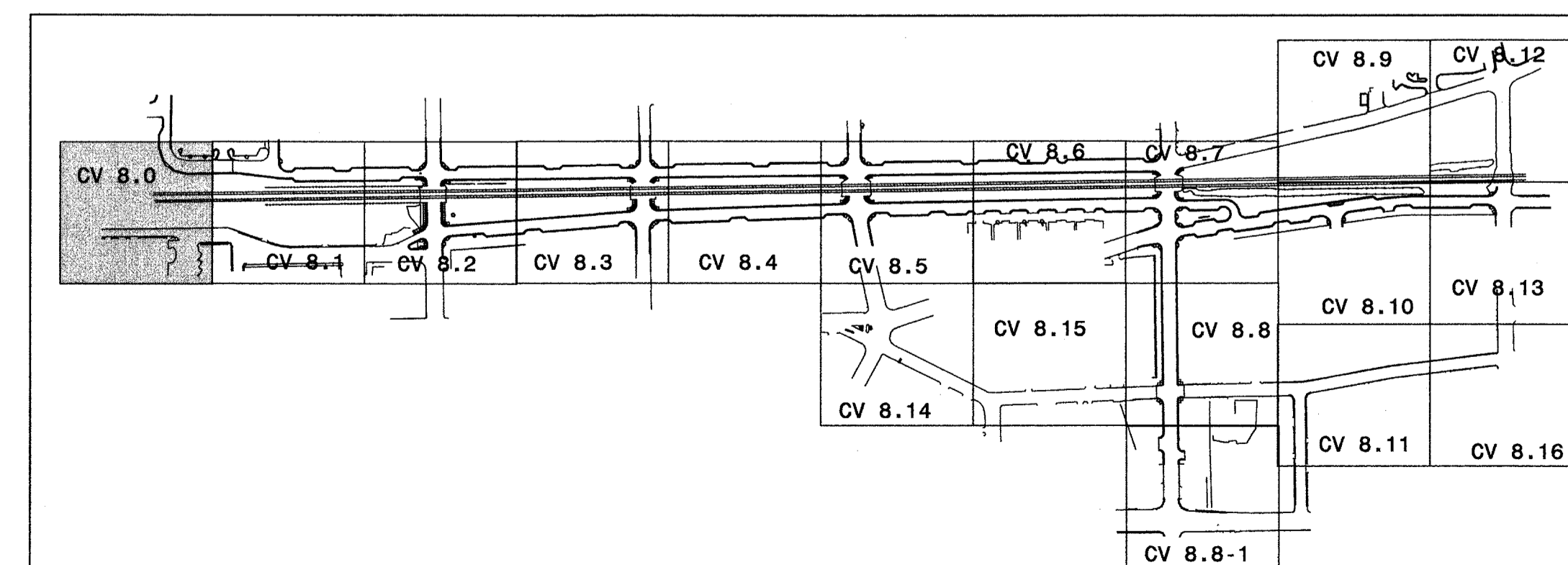
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

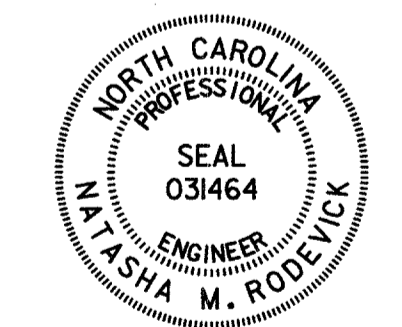
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.04	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

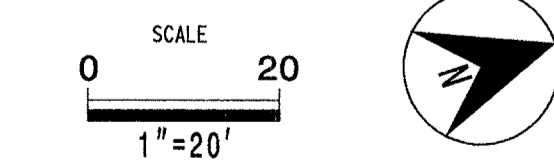


KEY PLAN

N.T.S.

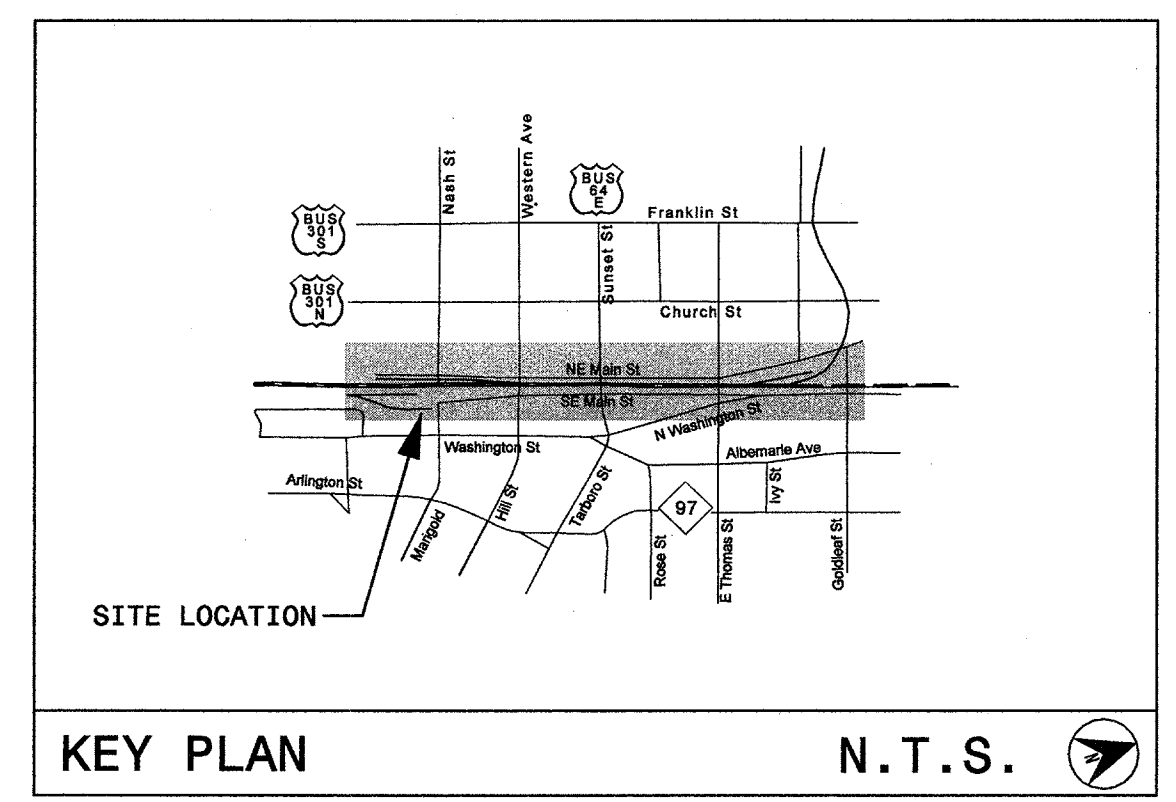
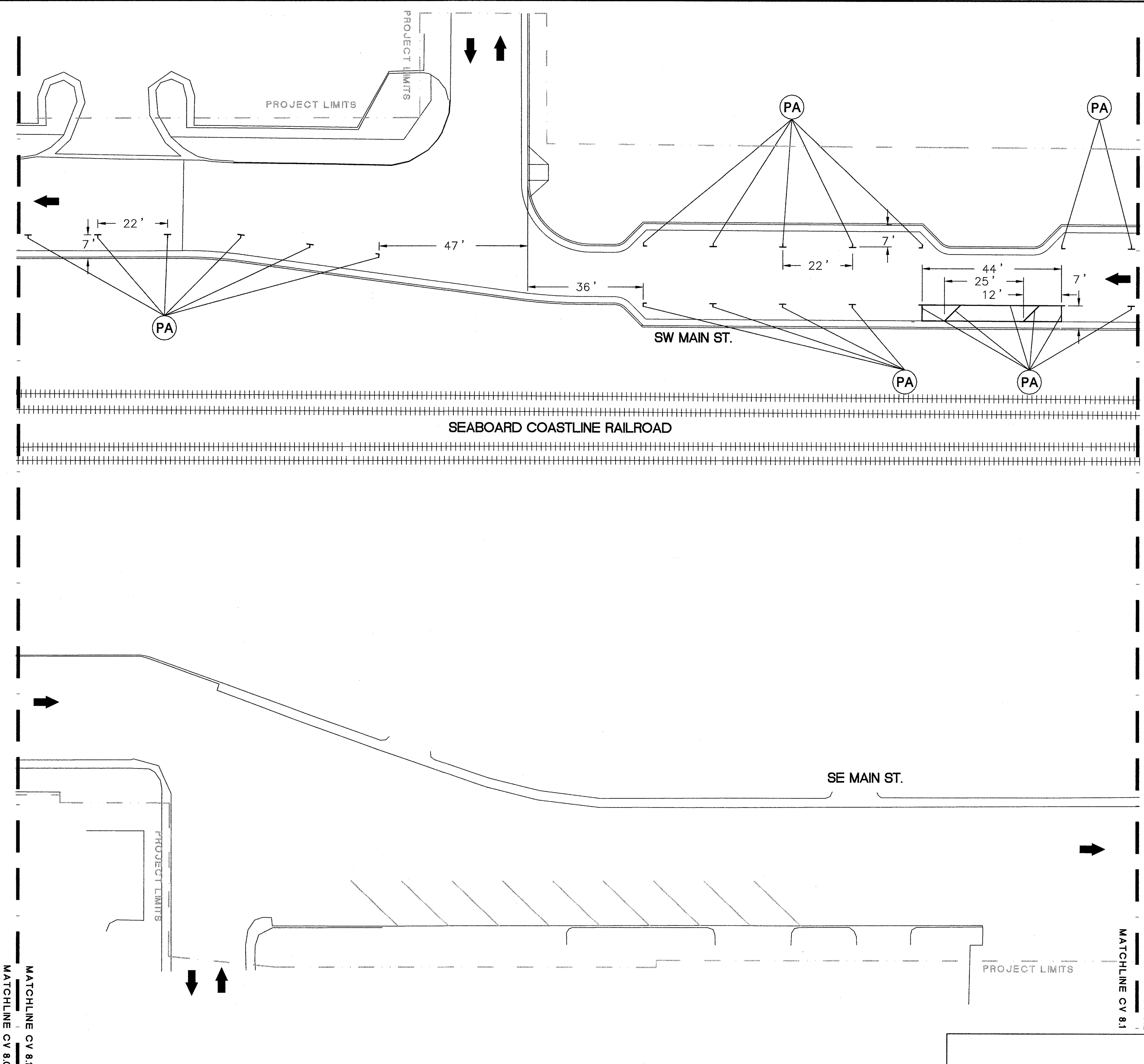


Signature: *Asha M. Rodrick* DATE: 4-22-10



CV 8.0

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↖
QD Combo Straight & Left Turn Arrow	↖↶
QE Combo Straight & Right Turn Arrow	↖↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

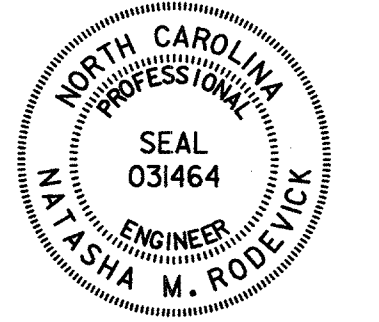
PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

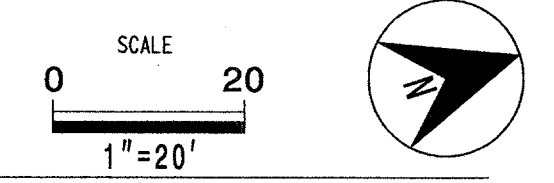
ISSUED: 04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha Royle* 4/22/10 DATE



CV 8.1

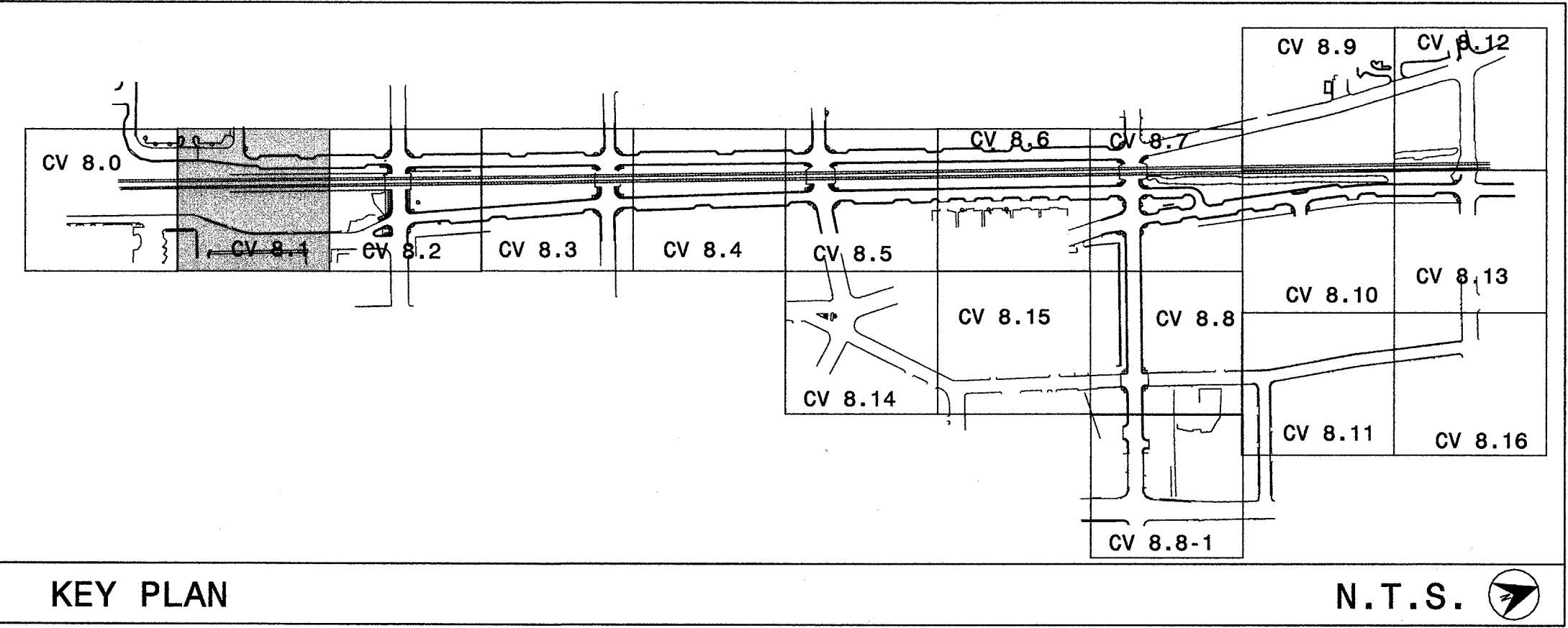
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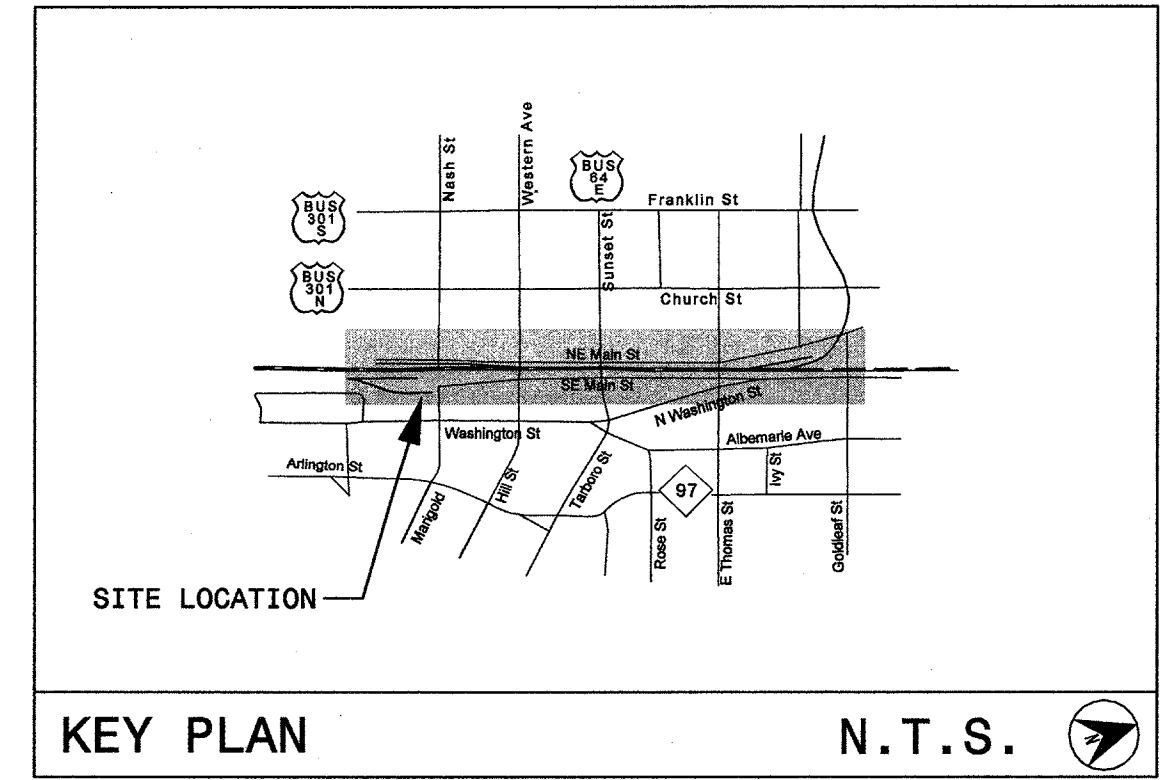
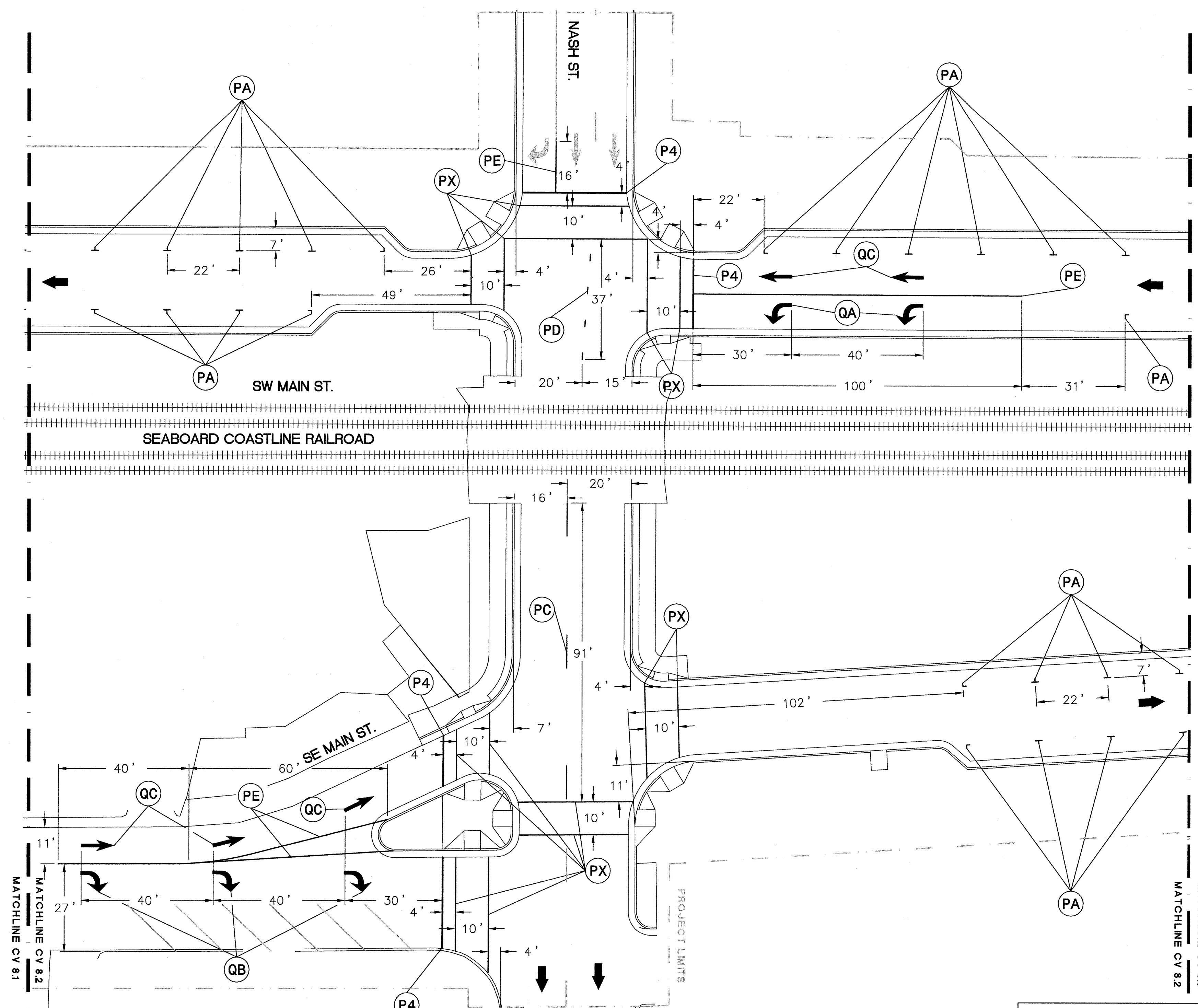
2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554





LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	↔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

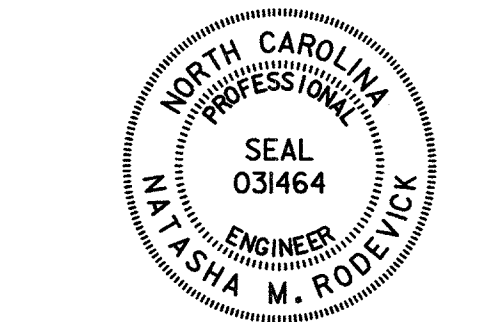
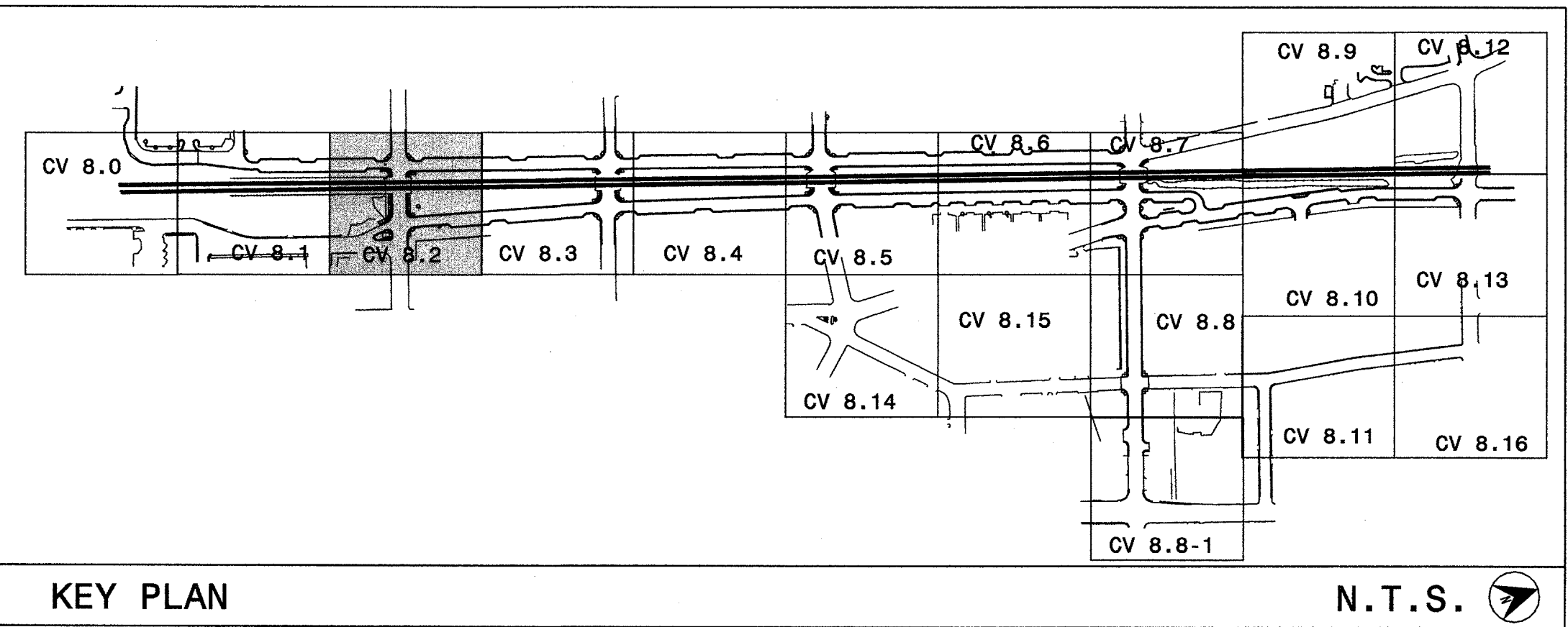
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

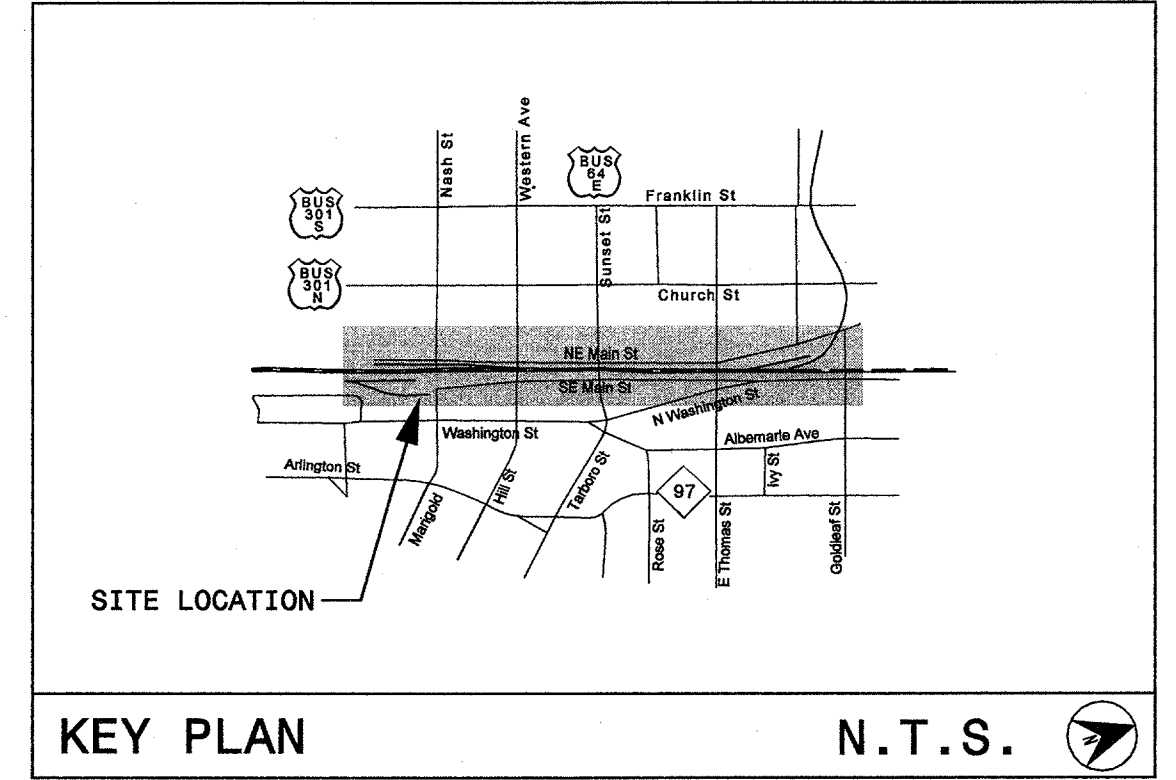
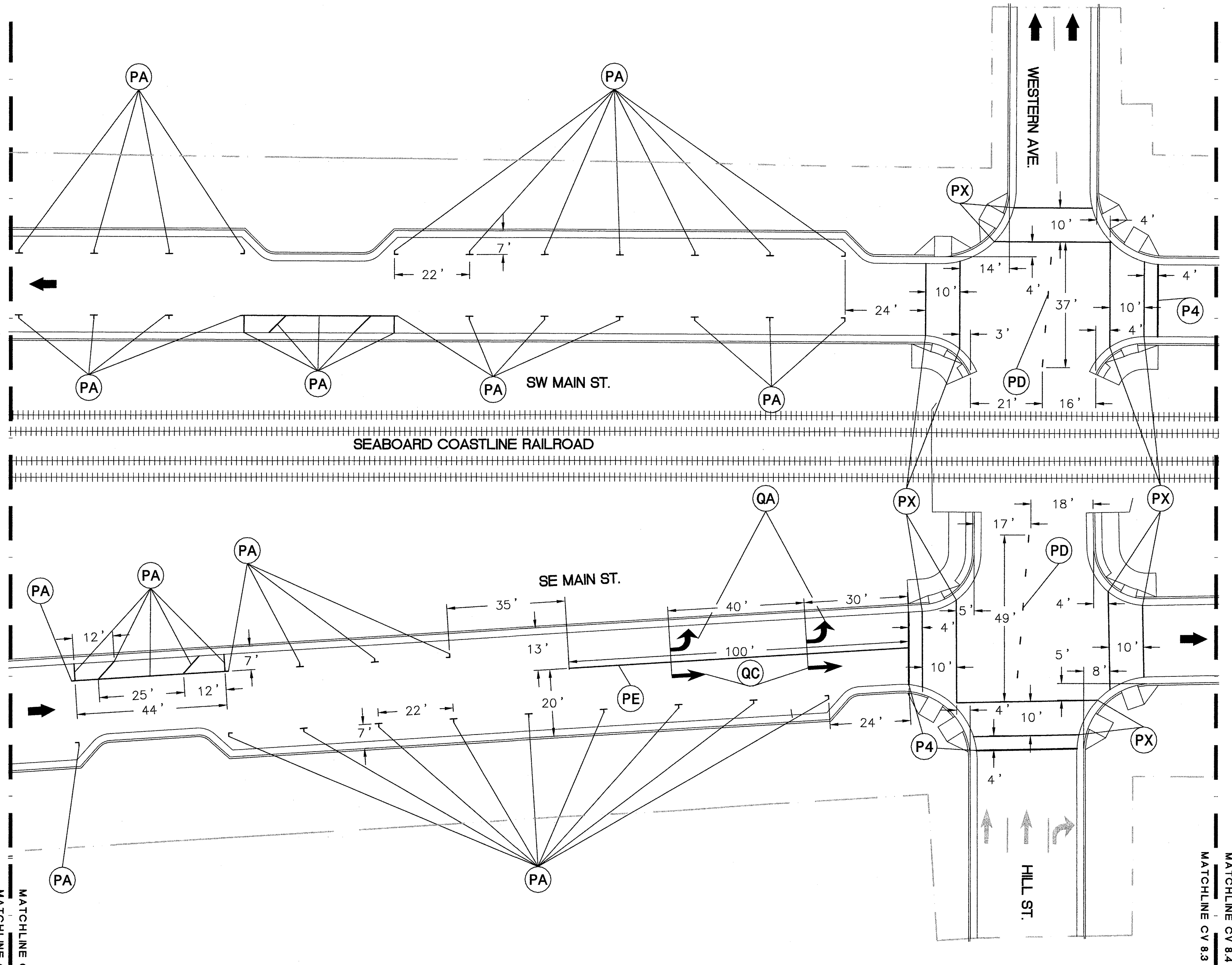
Prepared by: **HNTB** HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554



Signature: *Natasha M. Rodevick* 4.22.10
DATE: 04.22.10
SCALE: 1"=20'

CV 8.2

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
(PA) White Edgeline (4")	—
(PC) 10 ft. White Skip (4")	—
(PD) 2 ft. White Miniskip (4")	- -
(PE) White Solid Lane Line (4")	—
(PI) Yellow Double Center Line (4")	—
(PG) 2 ft. Yellow Miniskip (4")	- -
(PX) White Crosswalk (8")	—
(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	→
(QD) Combo Straight & Left Turn Arrow	↶→
(QE) Combo Straight & Right Turn Arrow	↷→
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	→



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

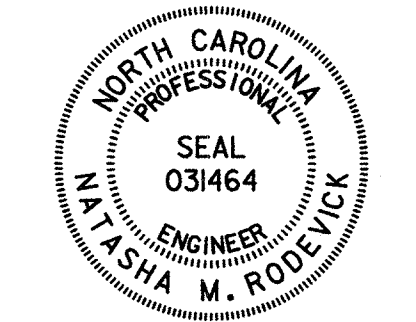
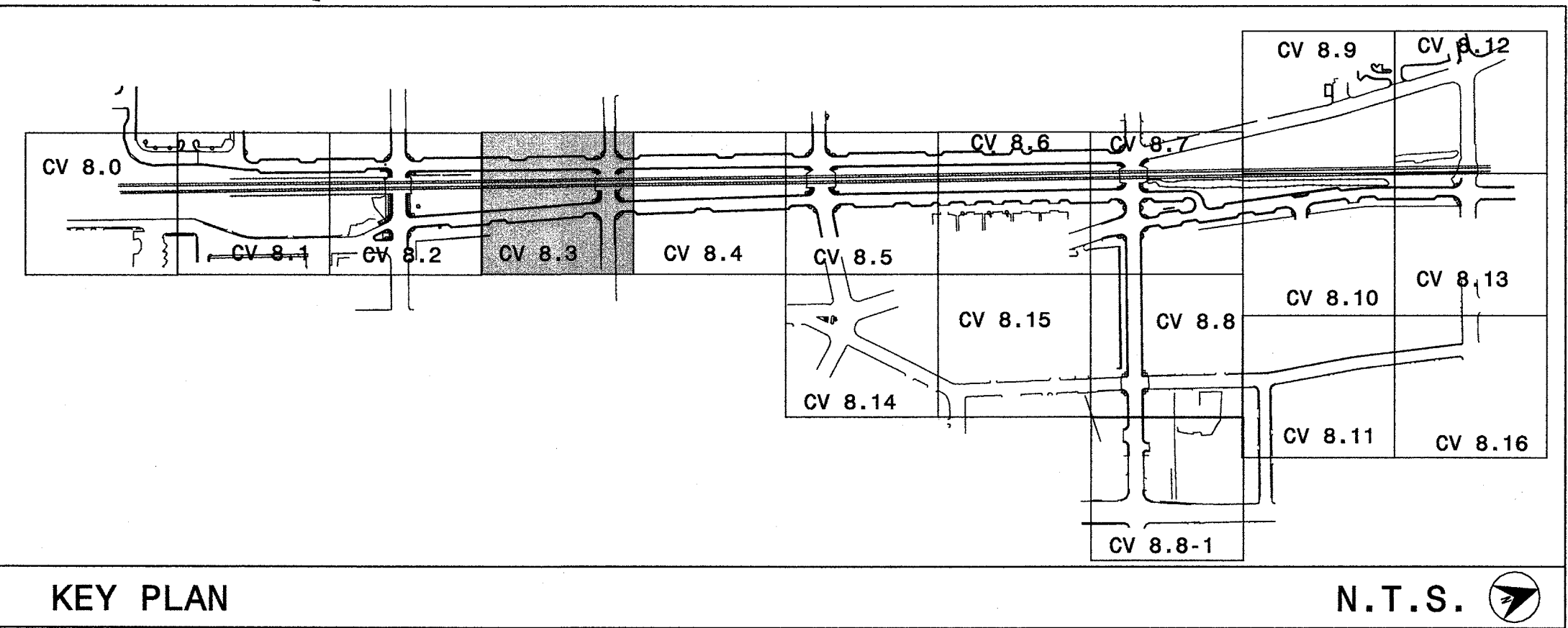
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

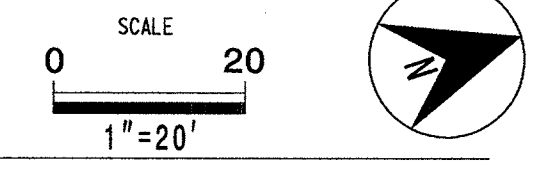
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

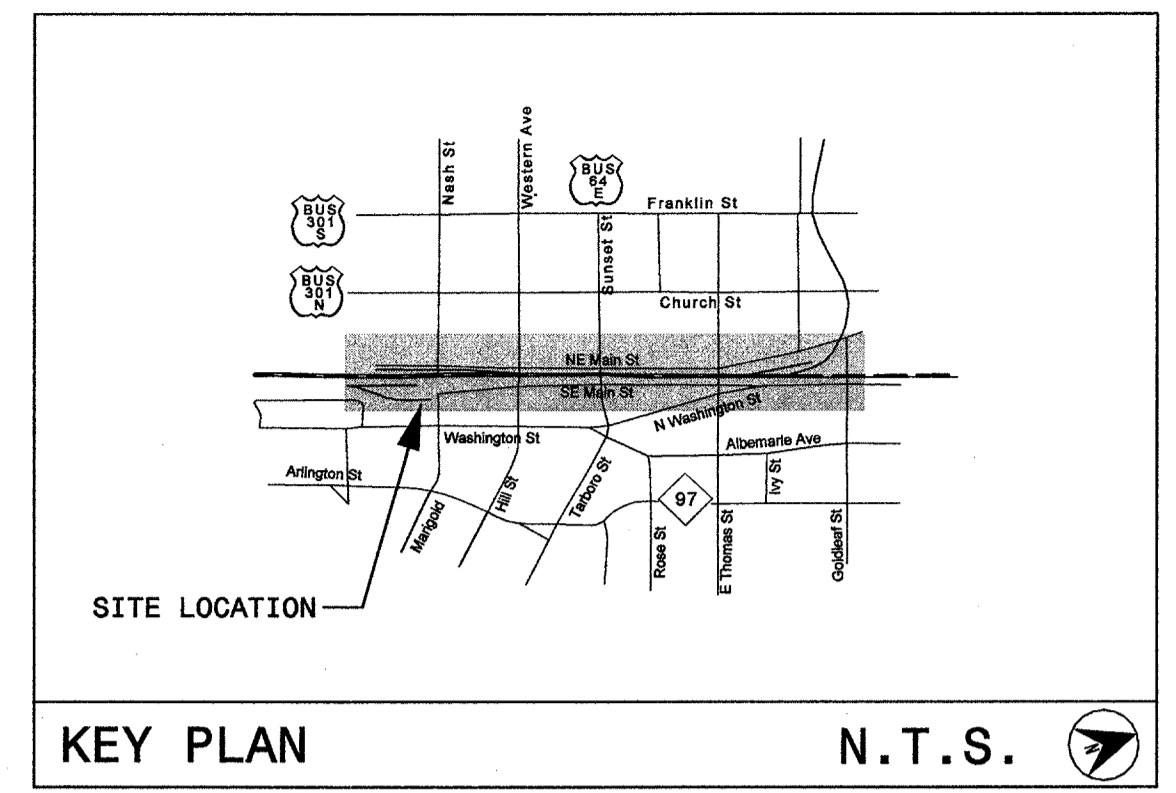
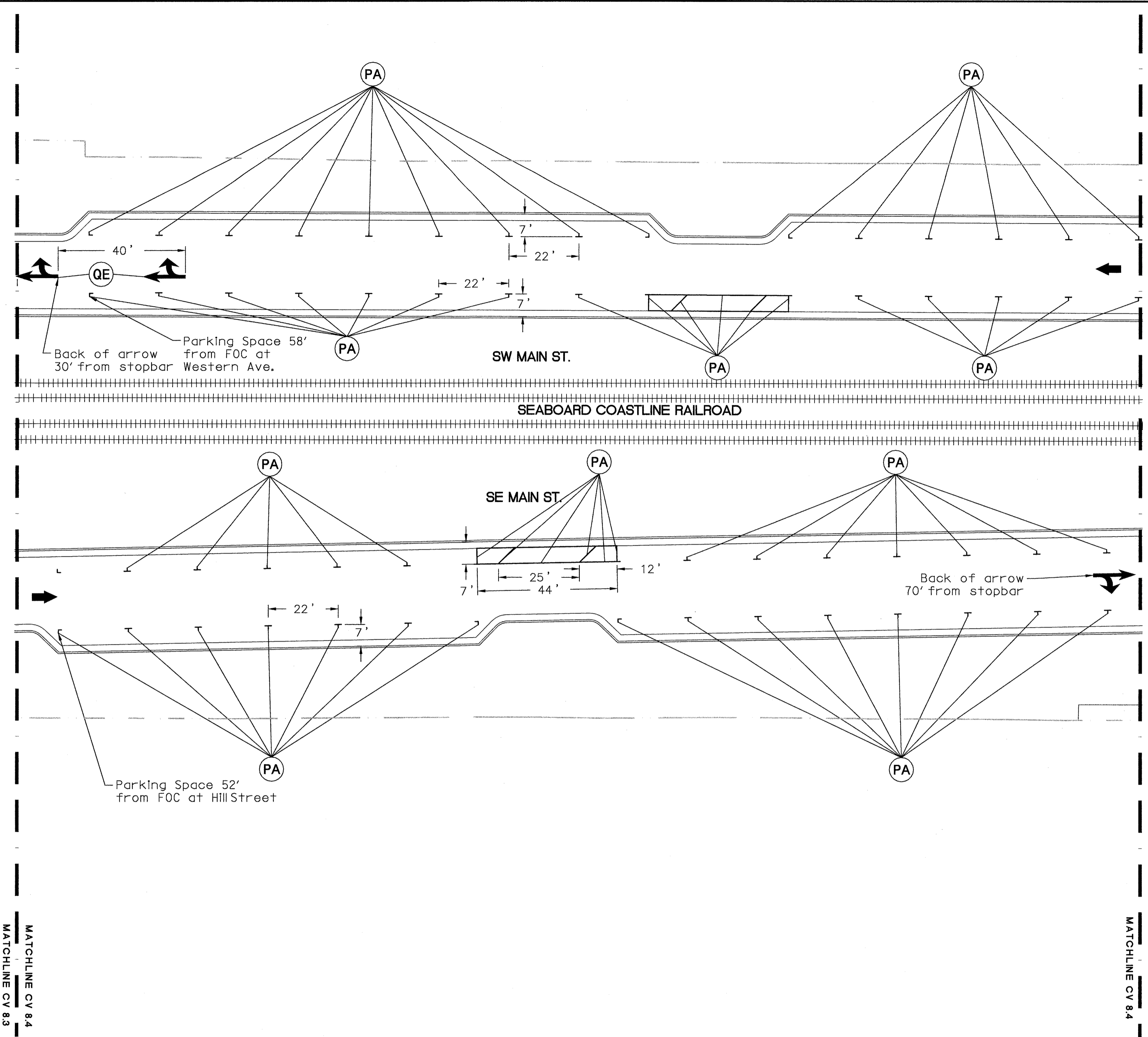


Signature: Natesha M. Rodevick
 Date: 4-22-10



CV 8.3

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

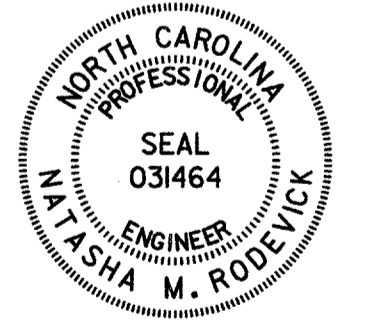
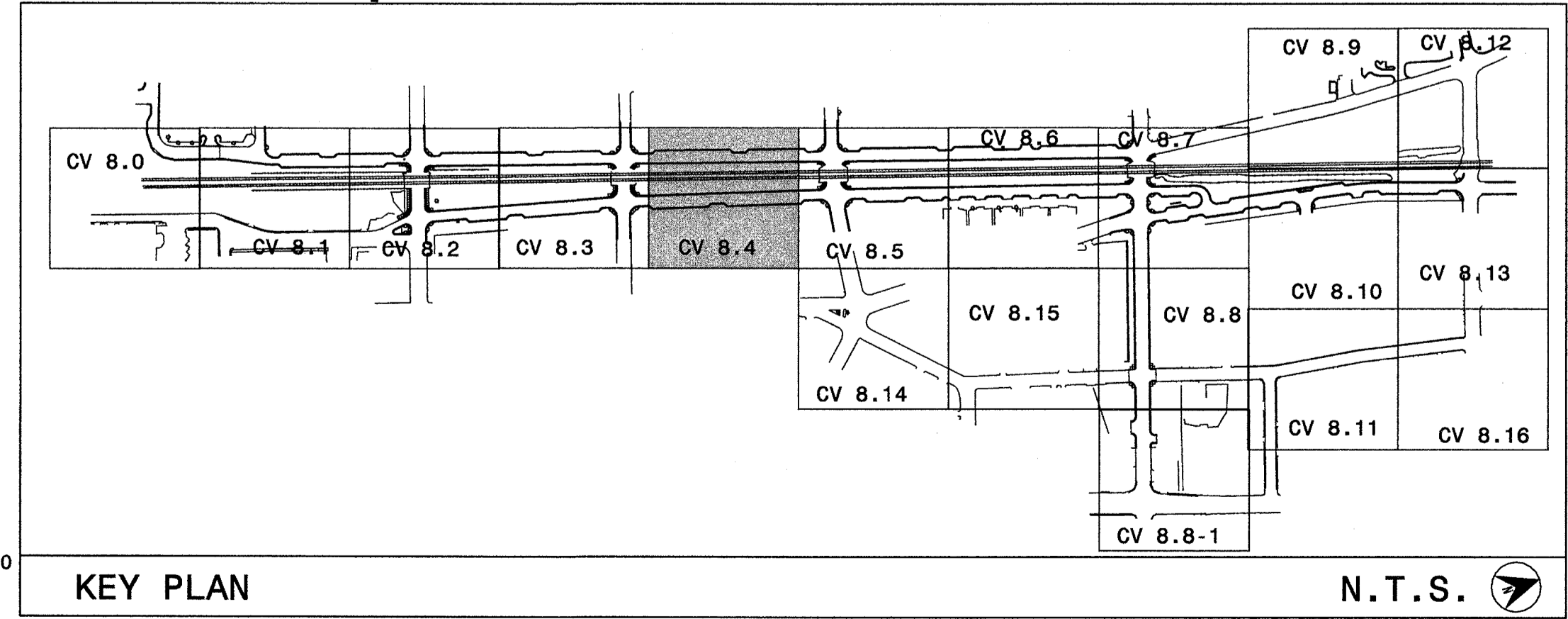
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

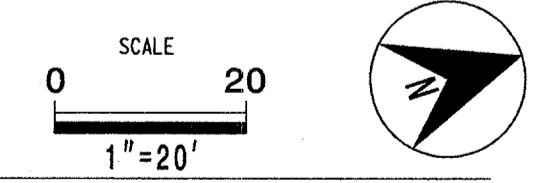
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

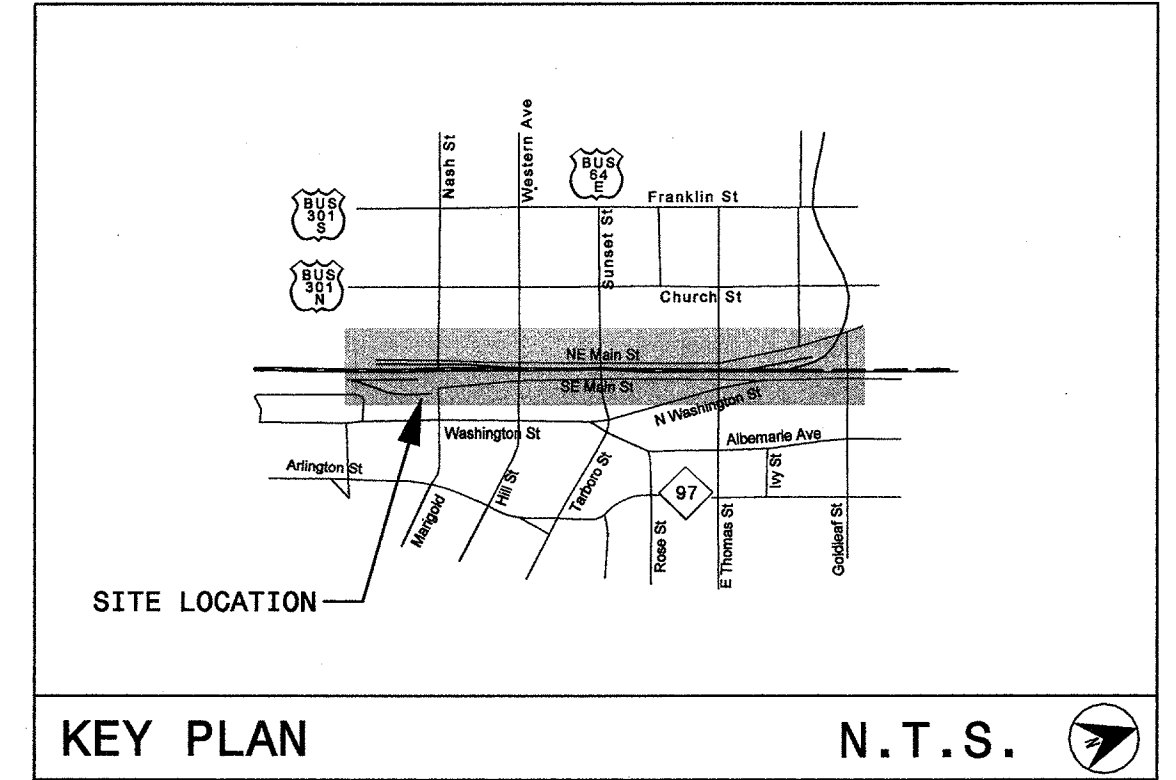
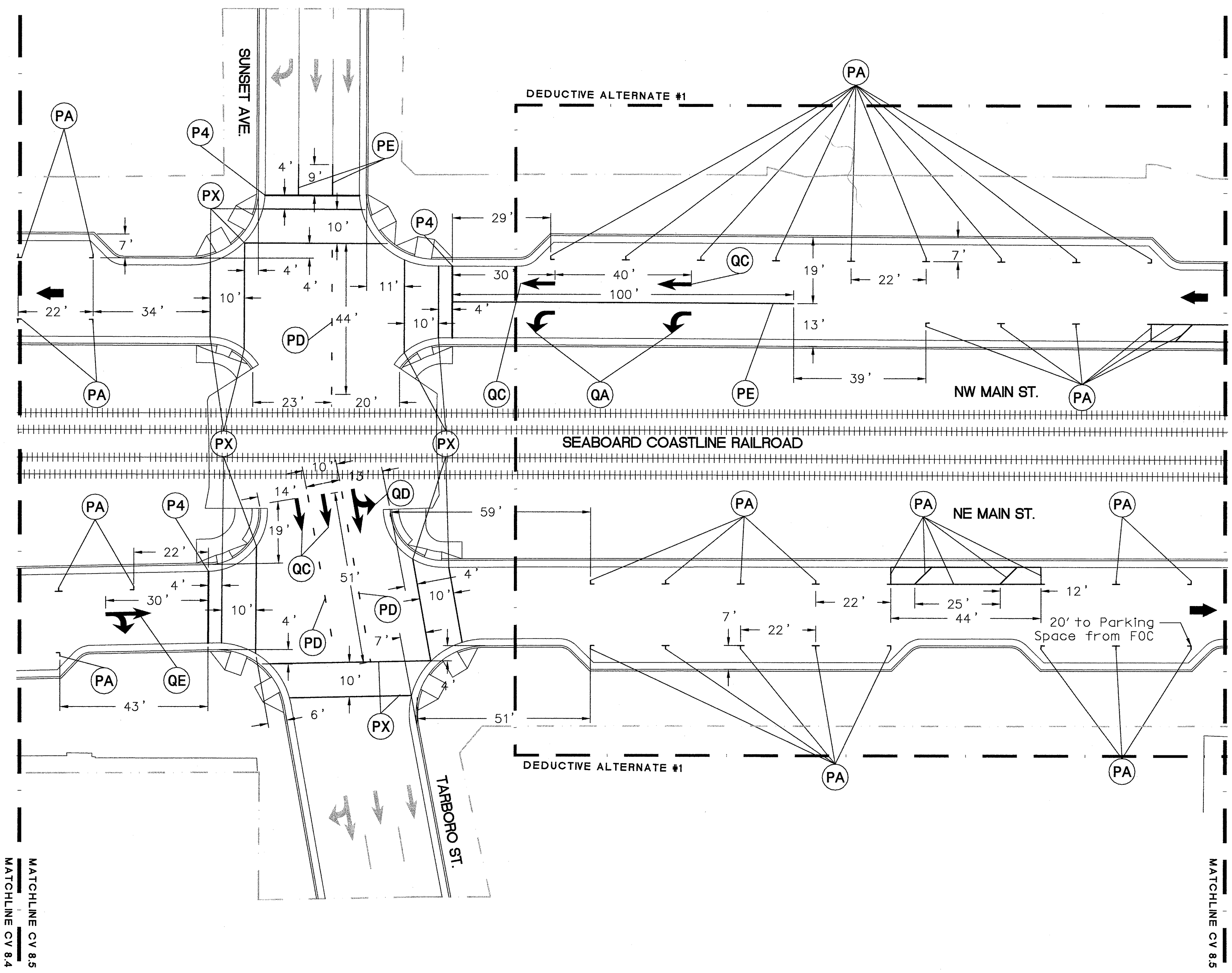


Natasha M. Rodejick 4-22-10
 SIGNATURE DATE



CV 8.4

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	→↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	↓
Direction of Traffic Flow	↓



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

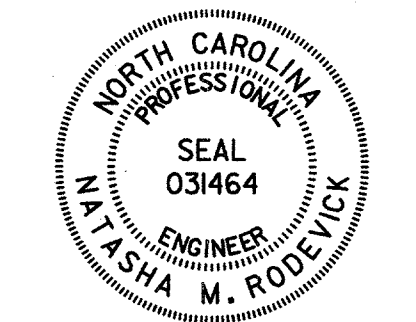
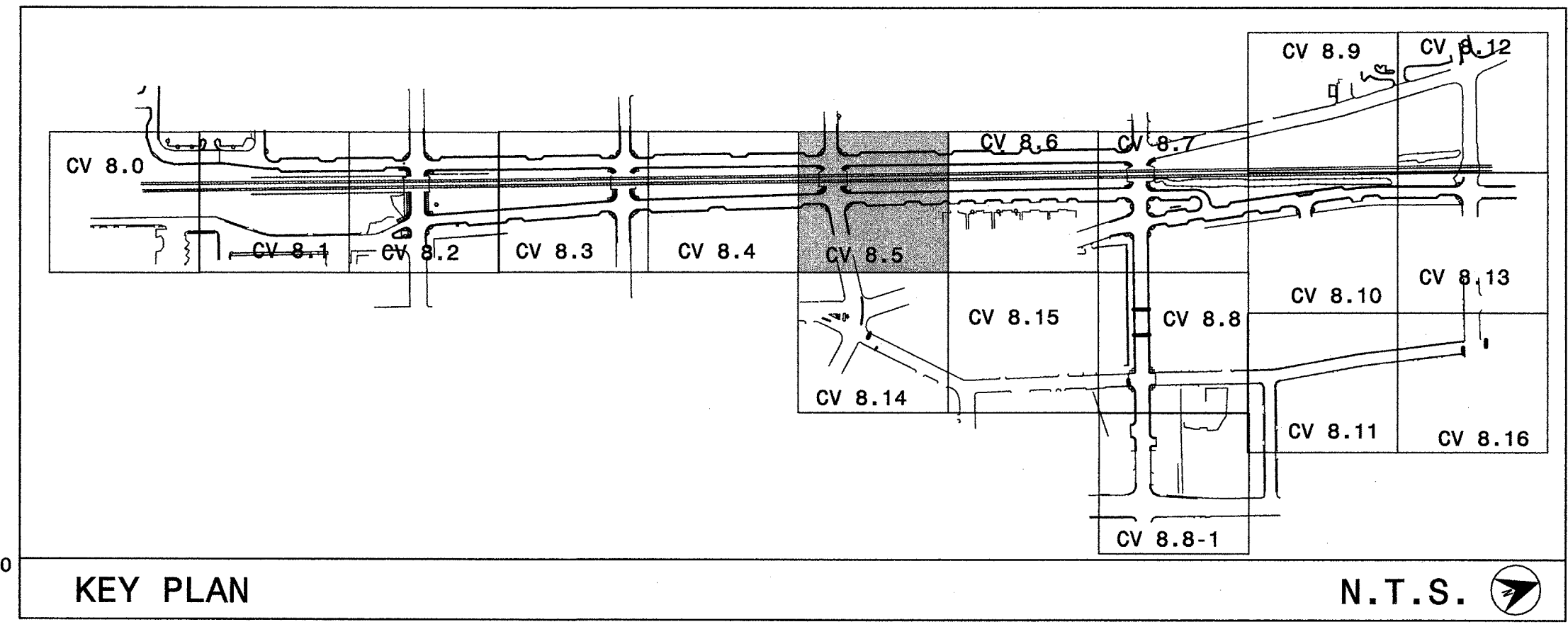
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

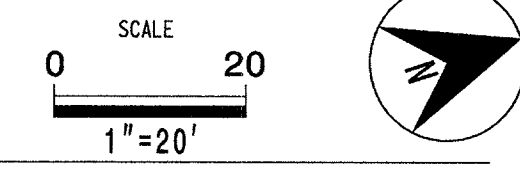
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
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HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
NC License No: C-1554

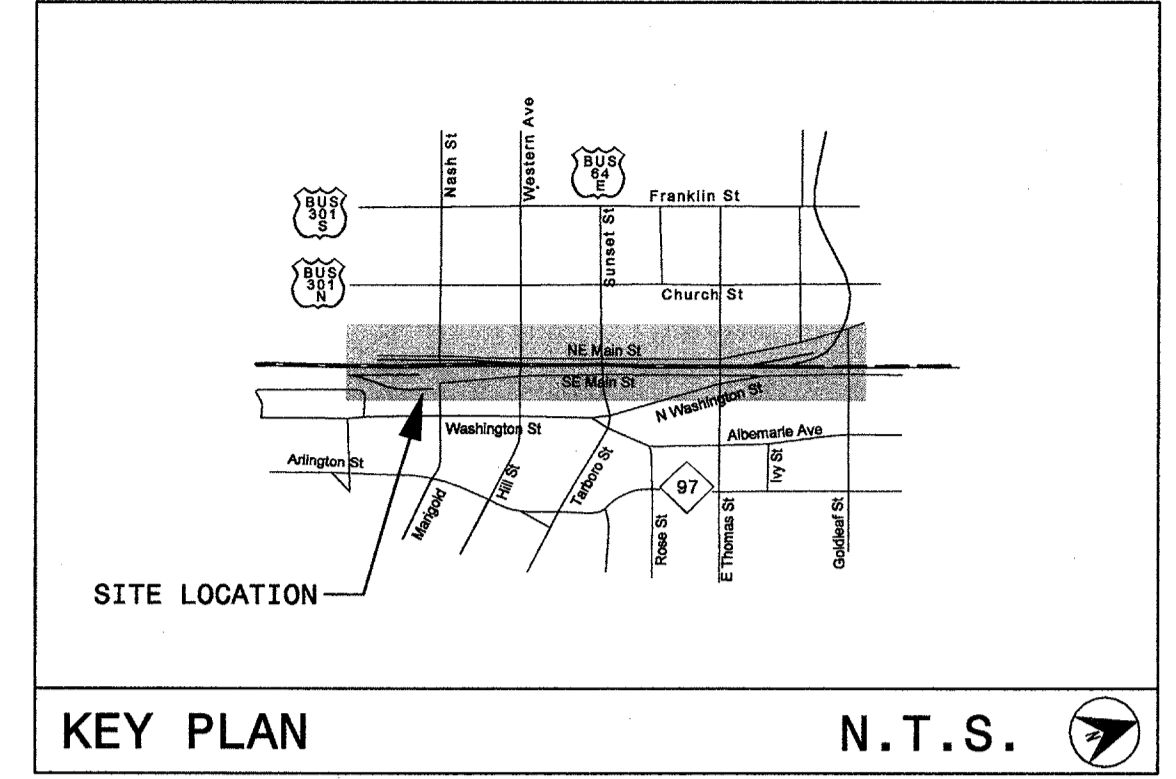
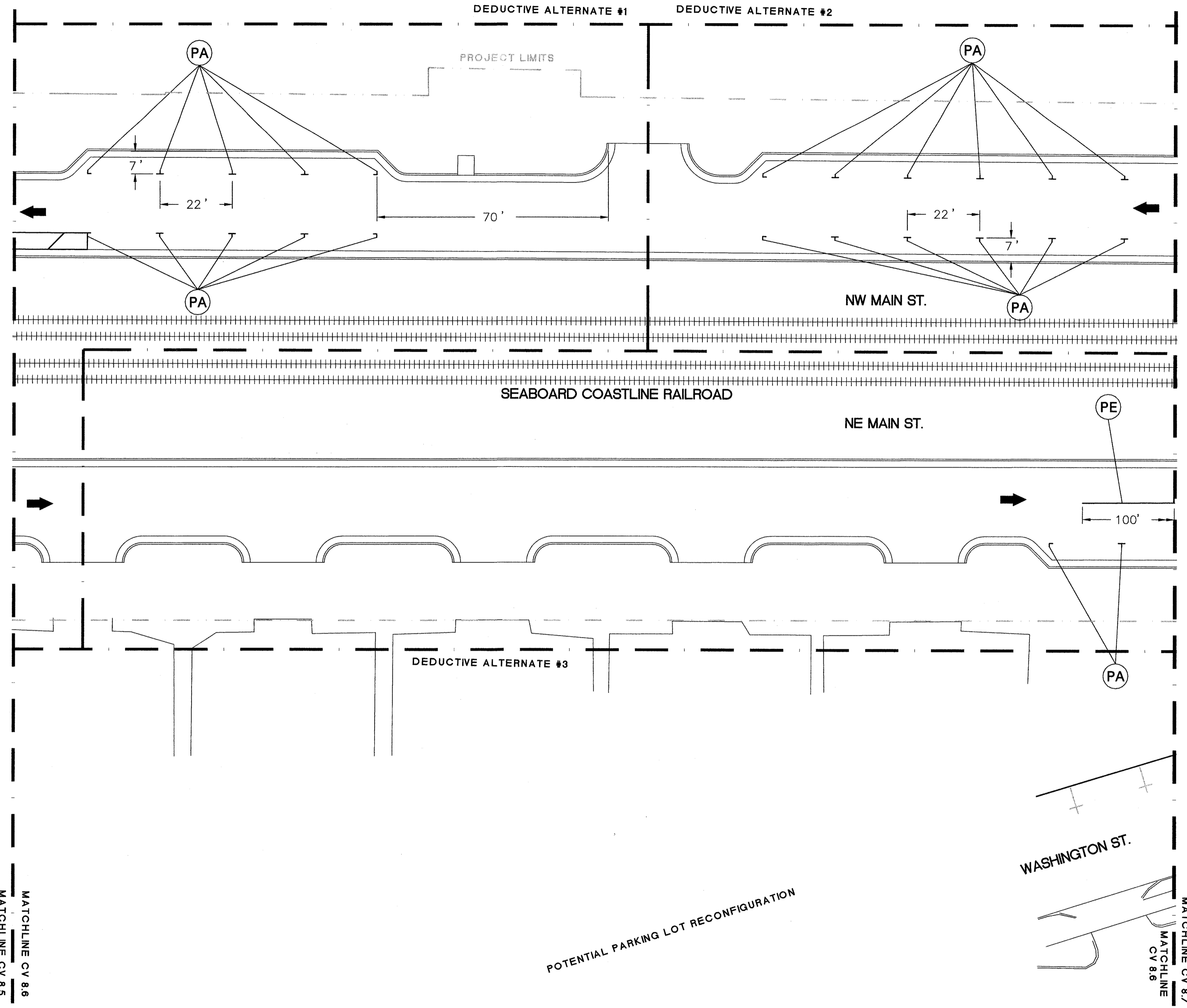


Natasha Rodevick
SIGNATURE DATE 4.22.10



CV 8.5

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KEY PLAN N.T.S.

LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↻
QD Combo Straight & Left Turn Arrow	↶↻
QE Combo Straight & Right Turn Arrow	↷↻
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	↓



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

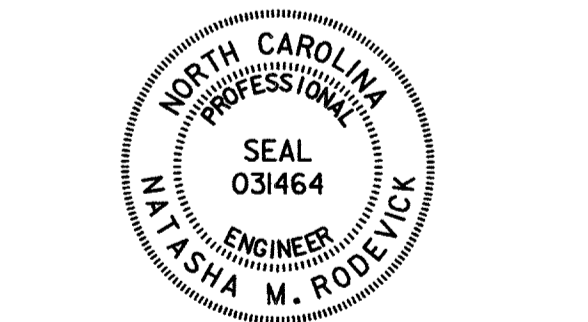
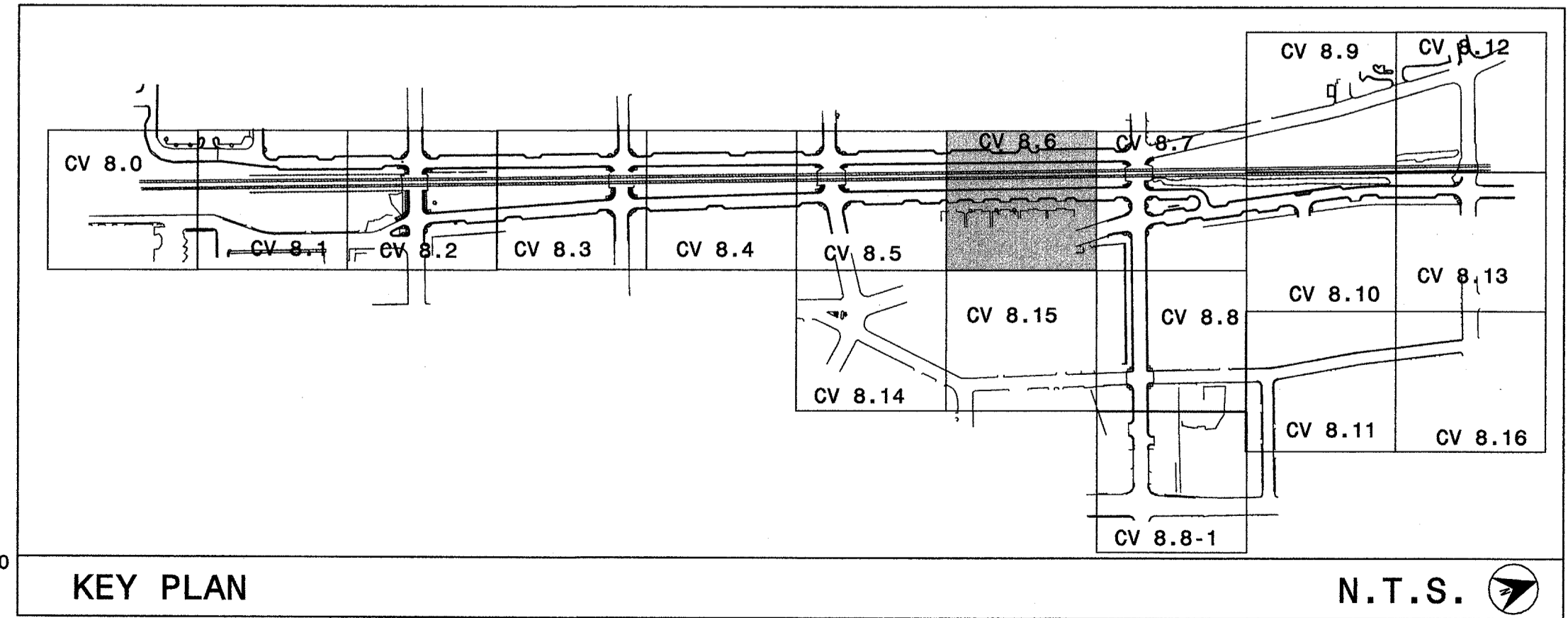
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

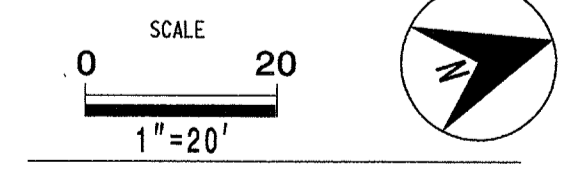
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1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by: **HNTB**
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

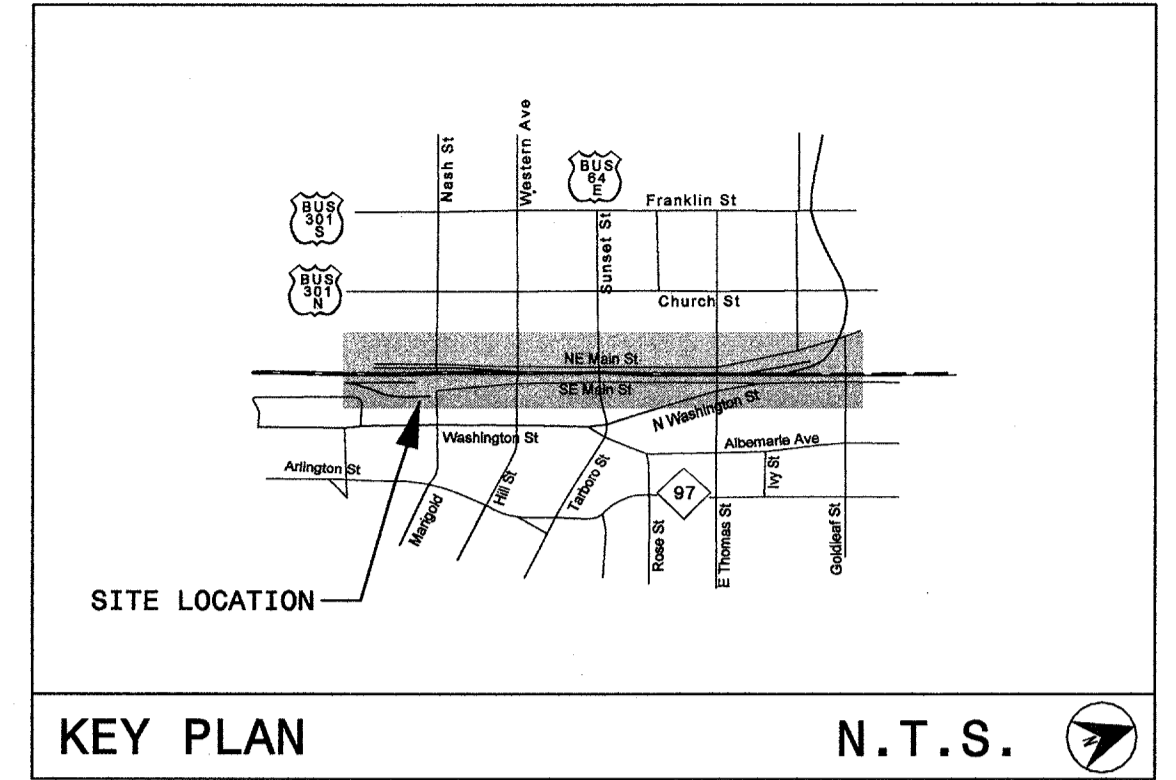
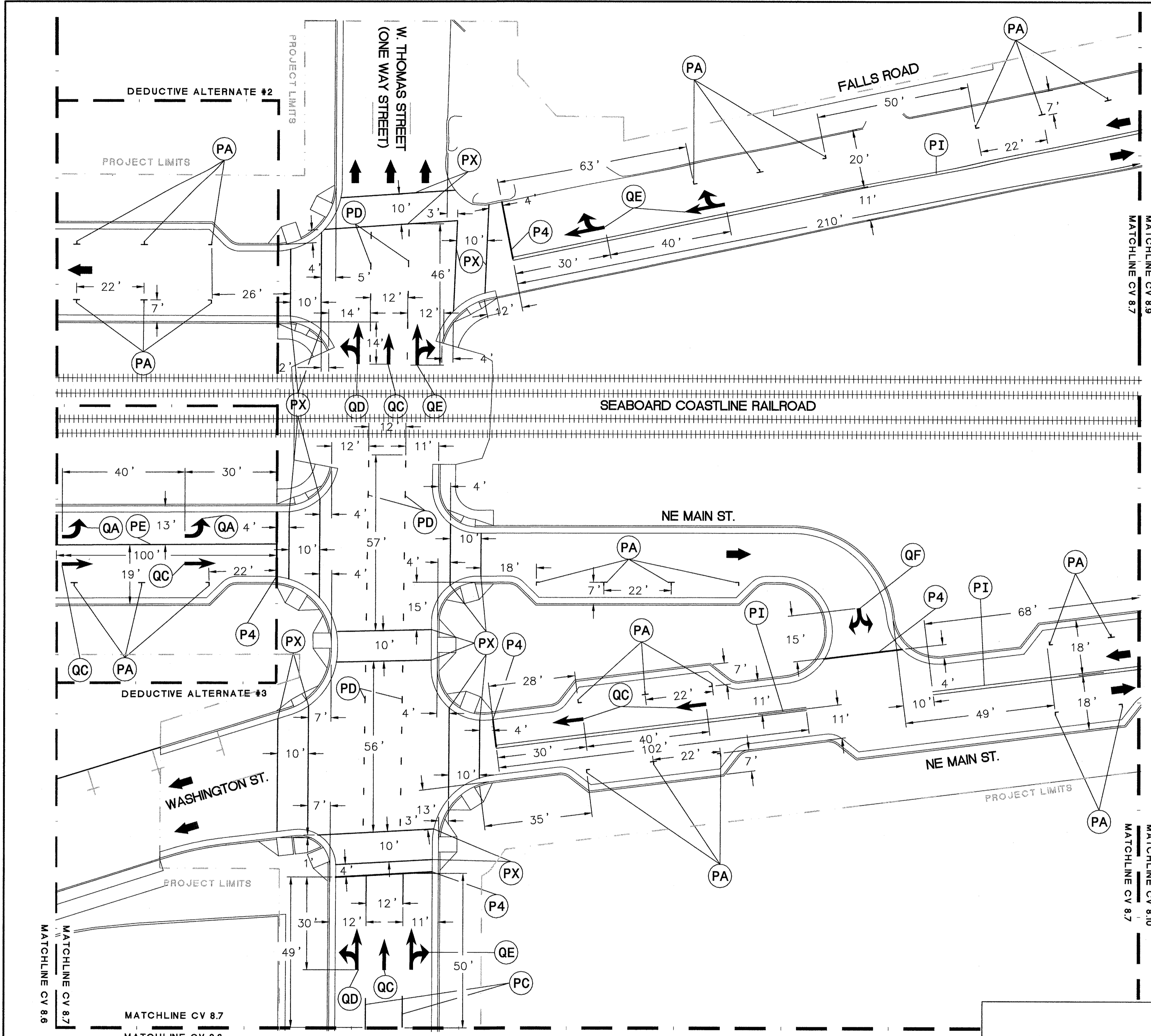


Signature: *Natasha M. Roddy* DATE: 4.22.10



CV 8.6

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 ColeJenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↷
QD Combo Straight & Left Turn Arrow	↶↷
QE Combo Straight & Right Turn Arrow	↷↶
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	—
Direction of Traffic Flow	➔



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

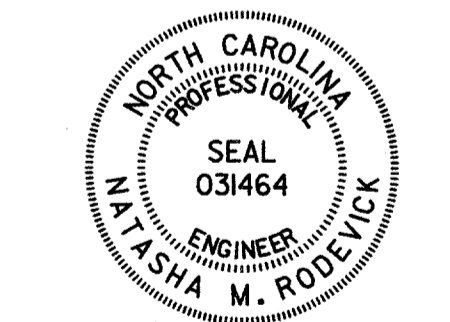
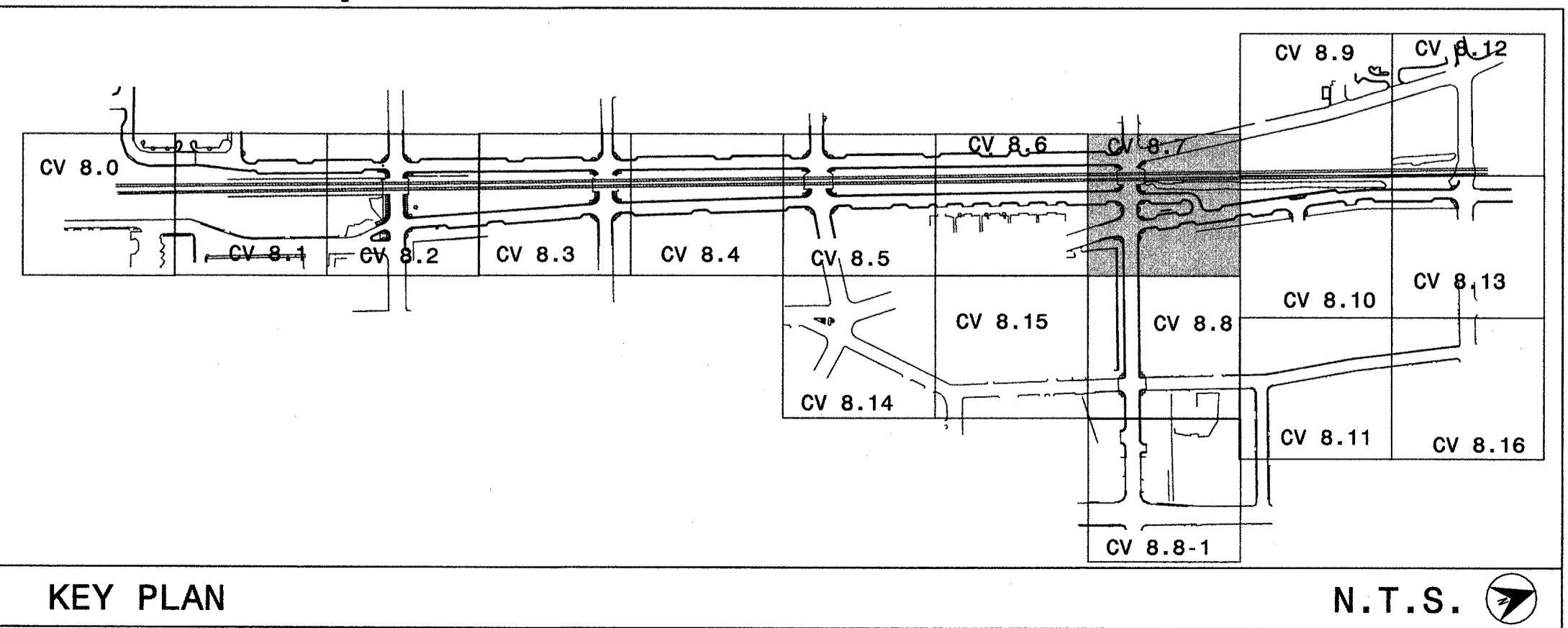
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

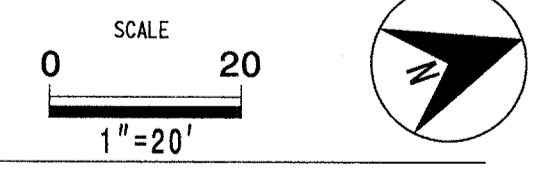
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
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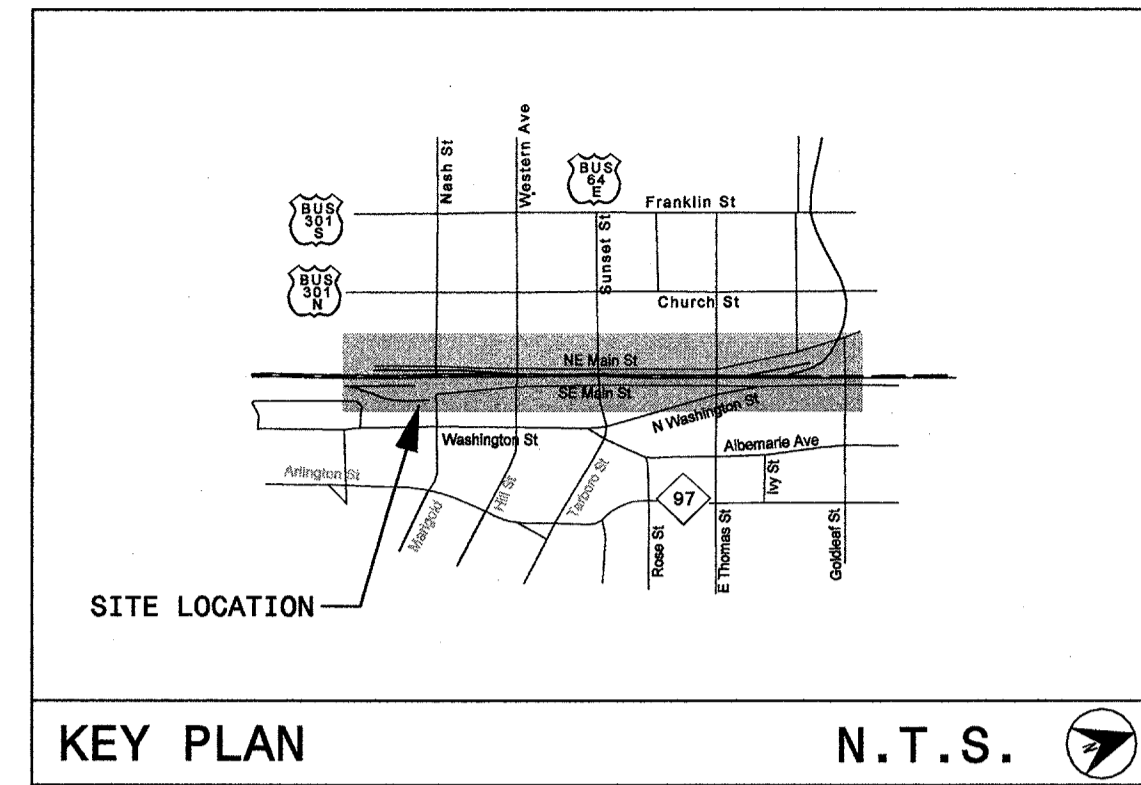
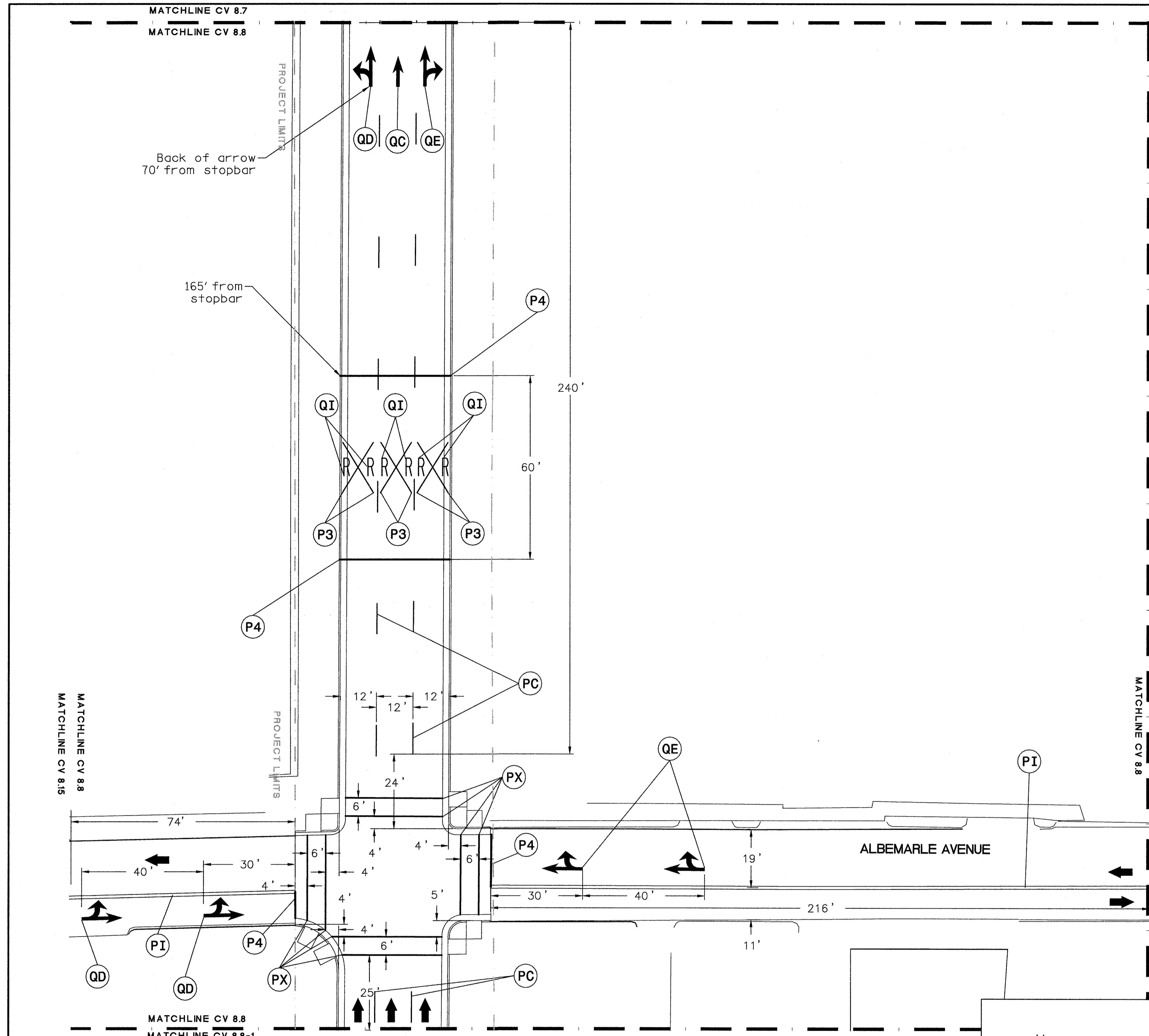


Signature: *Natasha M. Roddy* DATE: 4.22.10



CV 8.7

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
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(PC) 10 ft. White Skip (4")	— — — — —
(PD) 2 ft. White Miniskip (4")	- - - - -
(PE) White Solid Lane Line (4")	—————
(PI) Yellow Double Center Line (4")	=====
(PG) 2 ft. Yellow Miniskip (4")	- - - - -
(PX) White Crosswalk (8")	—————
(P3) White Line for Railroad Crossbuck (16")	—————
(P4) White Stop Bar (24")	—————
(QA) Left Turn Arrow	↵
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↑
(QD) Combo Straight & Left Turn Arrow	↵↑
(QE) Combo Straight & Right Turn Arrow	↷↑
(QF) Combo Left & Right Arrow	↵↷
(QI) Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

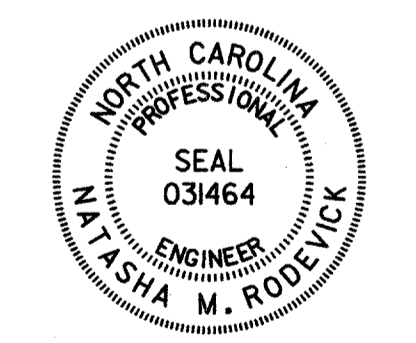
PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

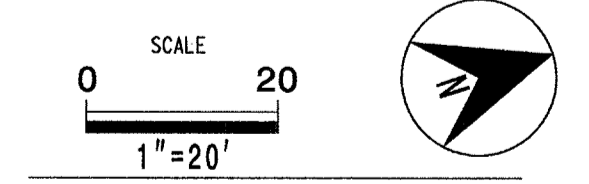
ISSUED: 04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Roldan* DATE: 4-22-10



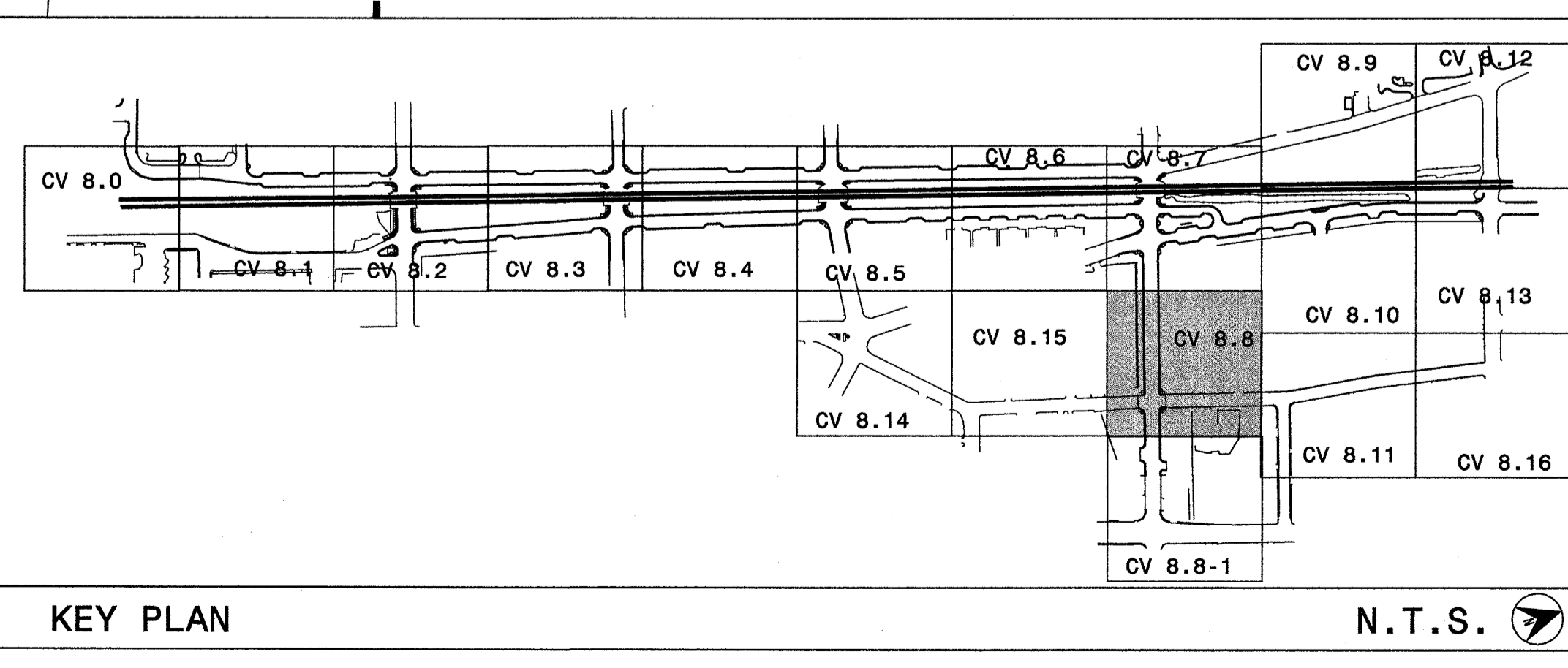
2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by: **HNTB**

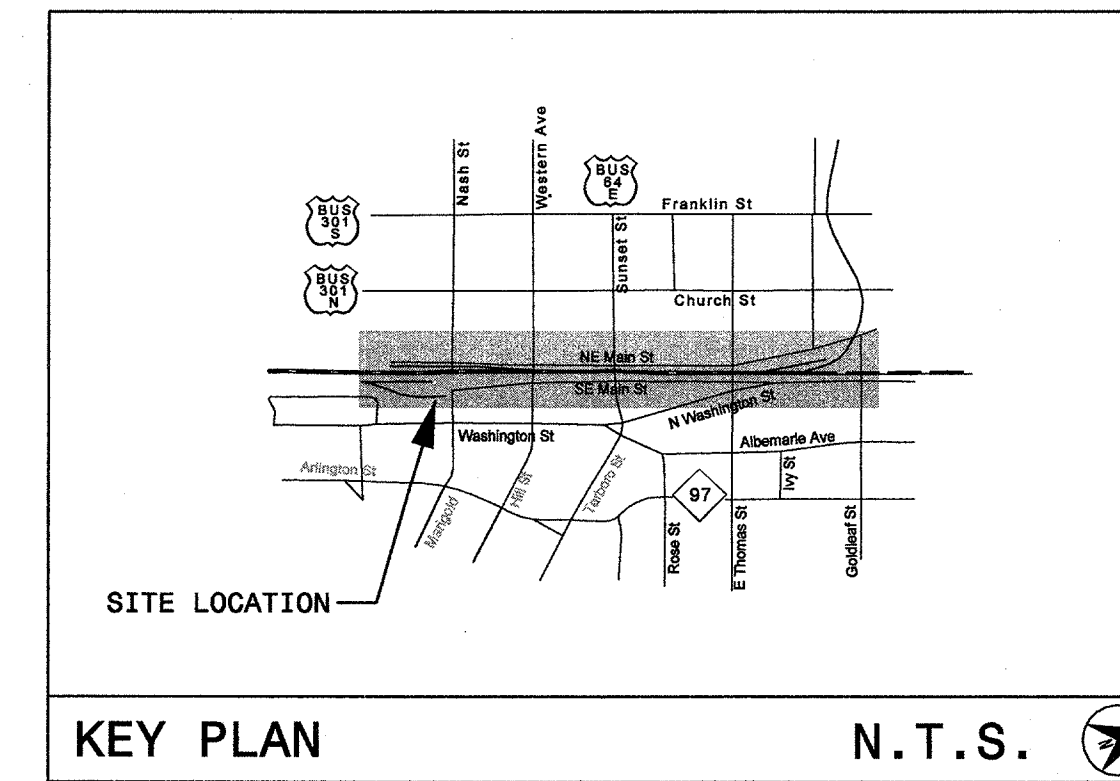
HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



CV 8.8

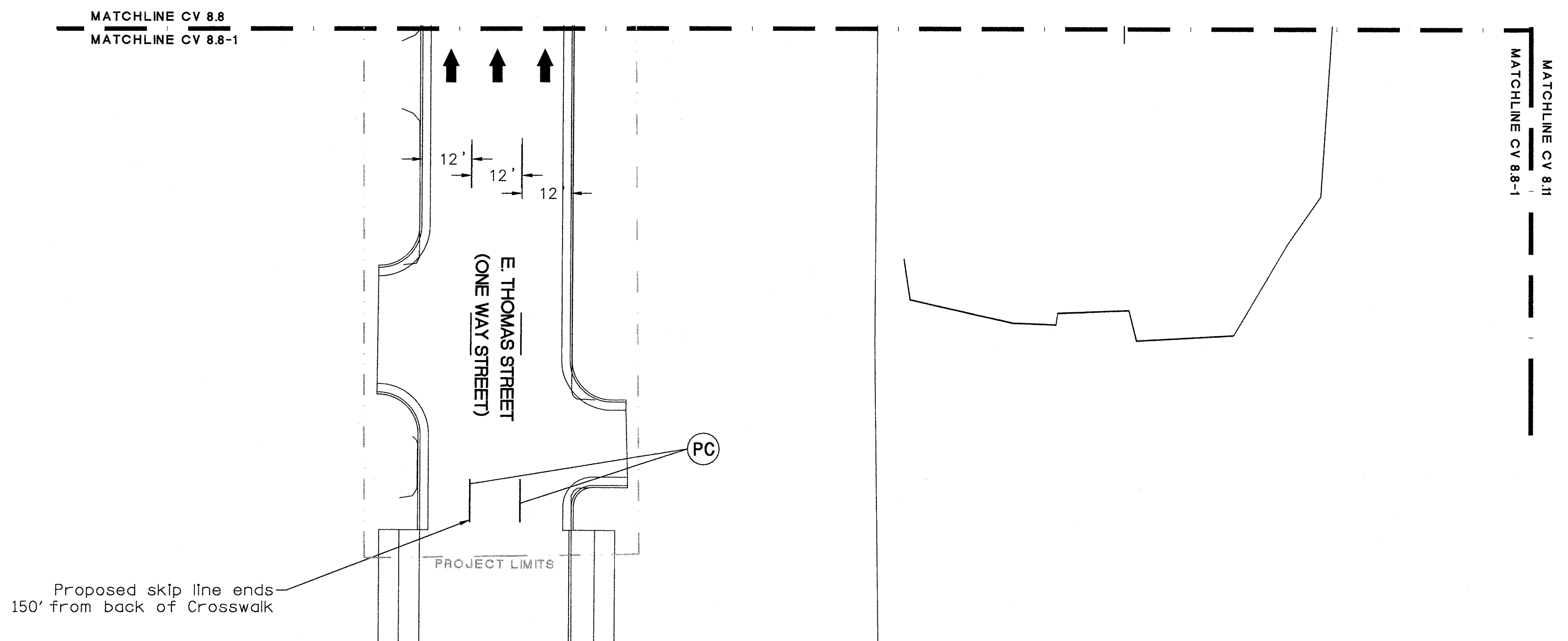
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PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



Proposed skip line ends 150' from back of Crosswalk



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

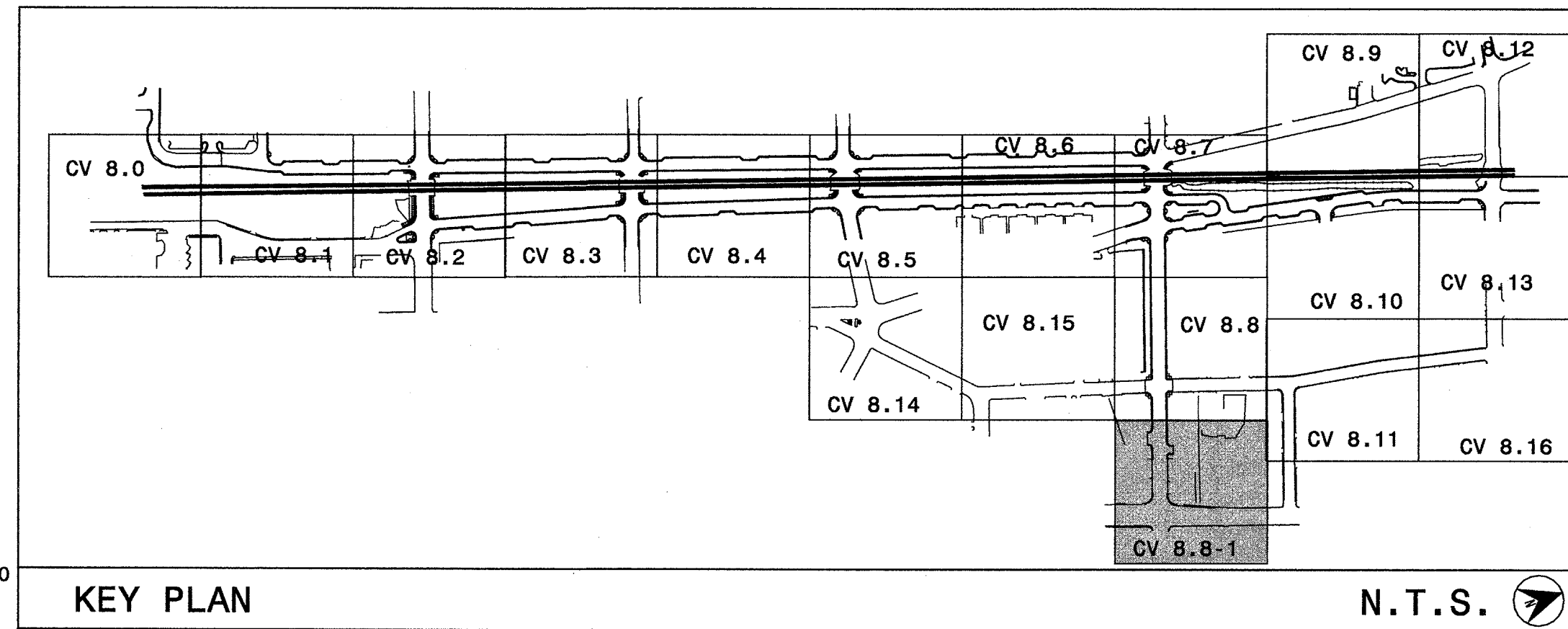
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

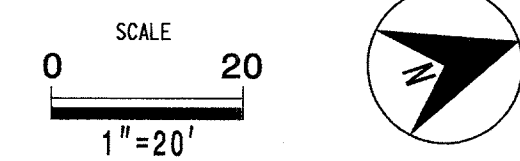
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1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by: **HNTB** HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

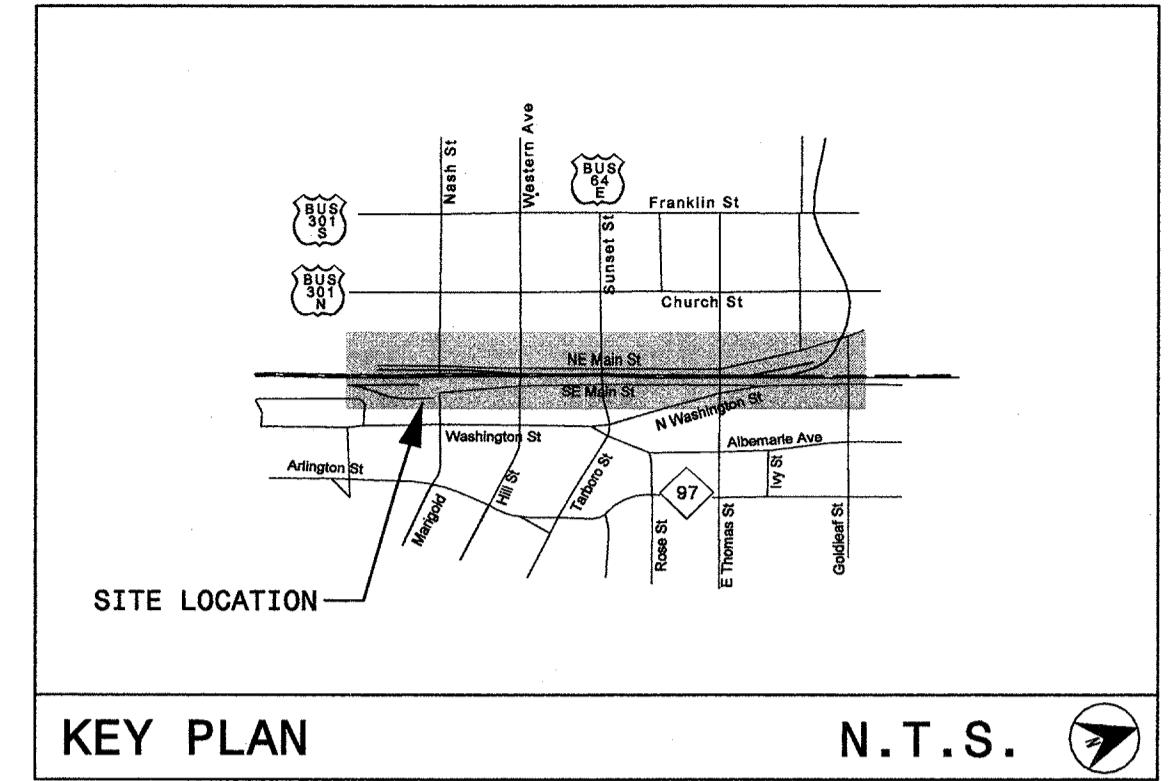
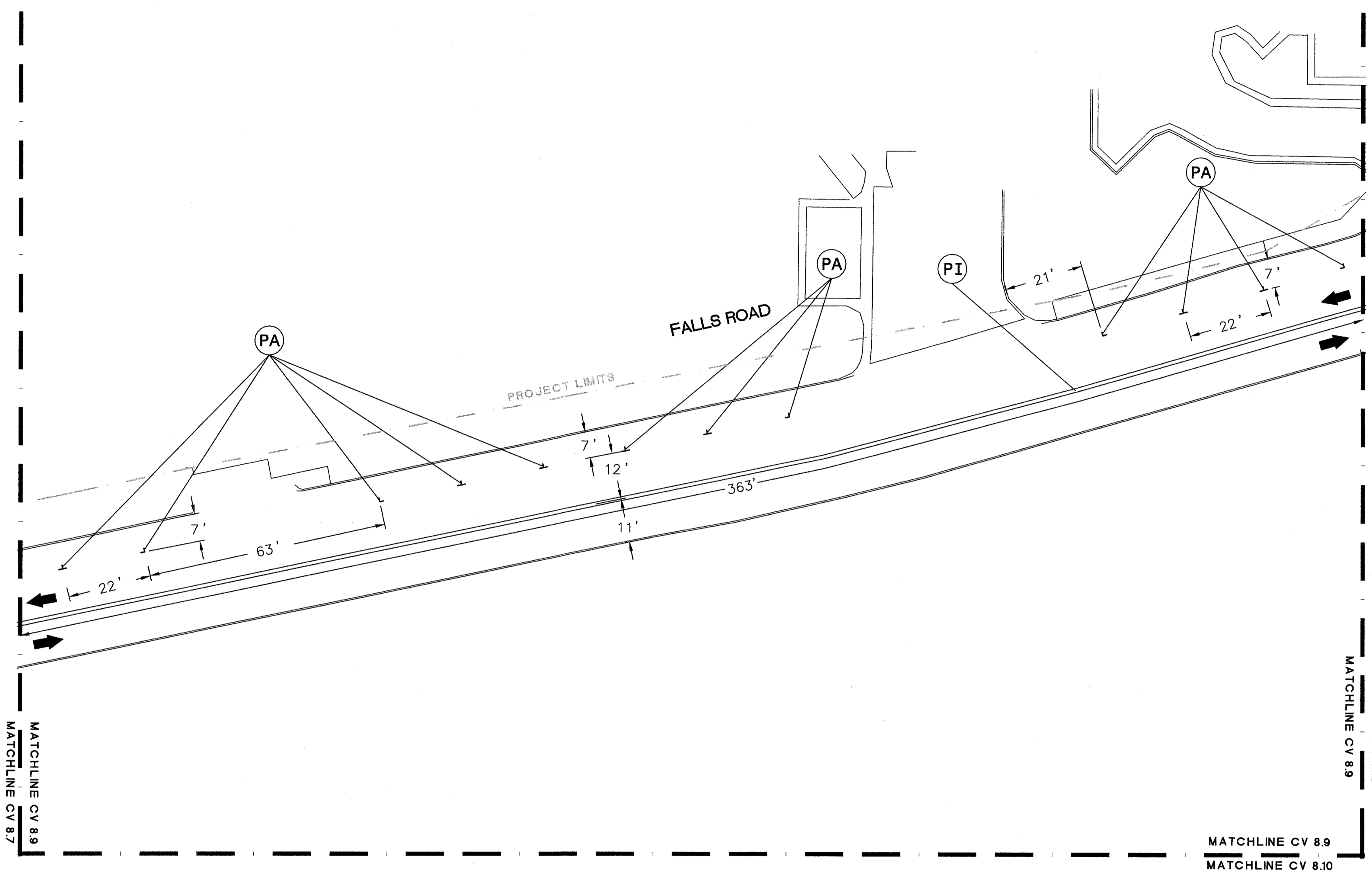


Signature: *Natasha M. Rodwell* DATE: 4.22.10



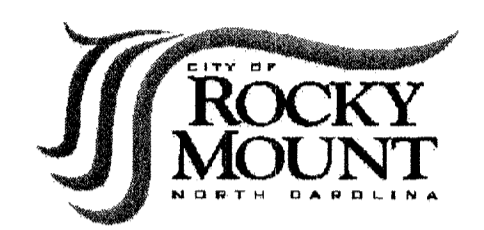
CV 8.8-1

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QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	↷→
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

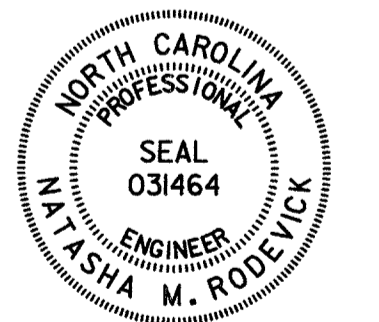
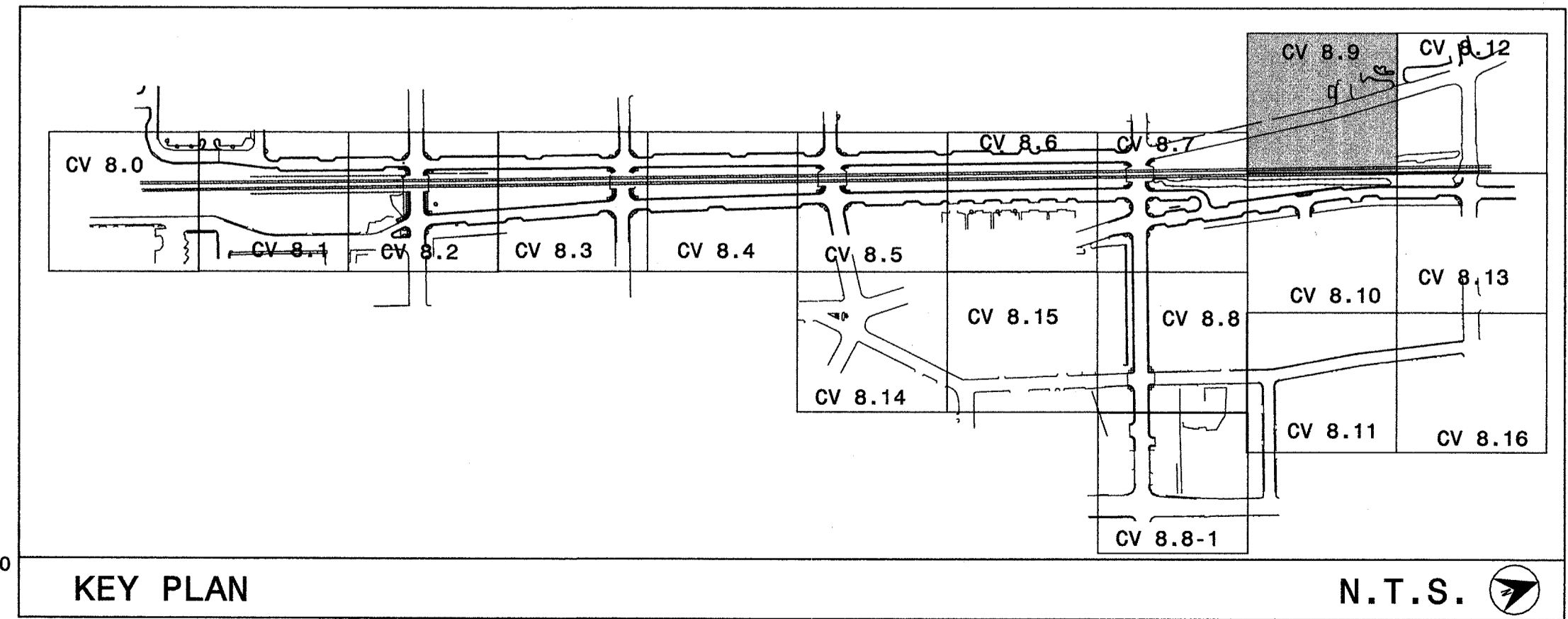
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

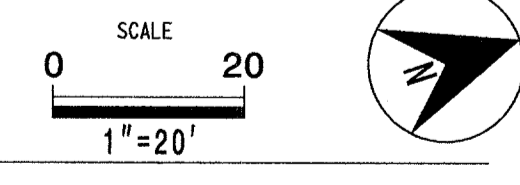
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1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
NC License No: C-1554

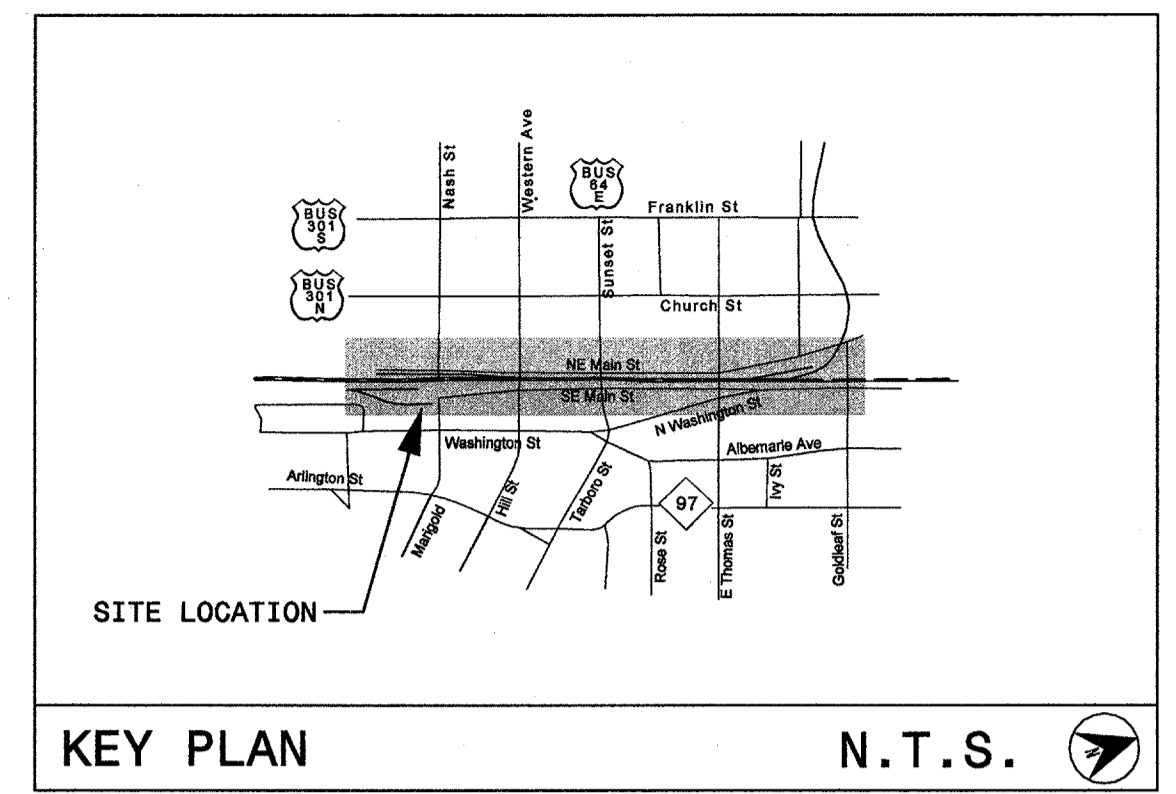
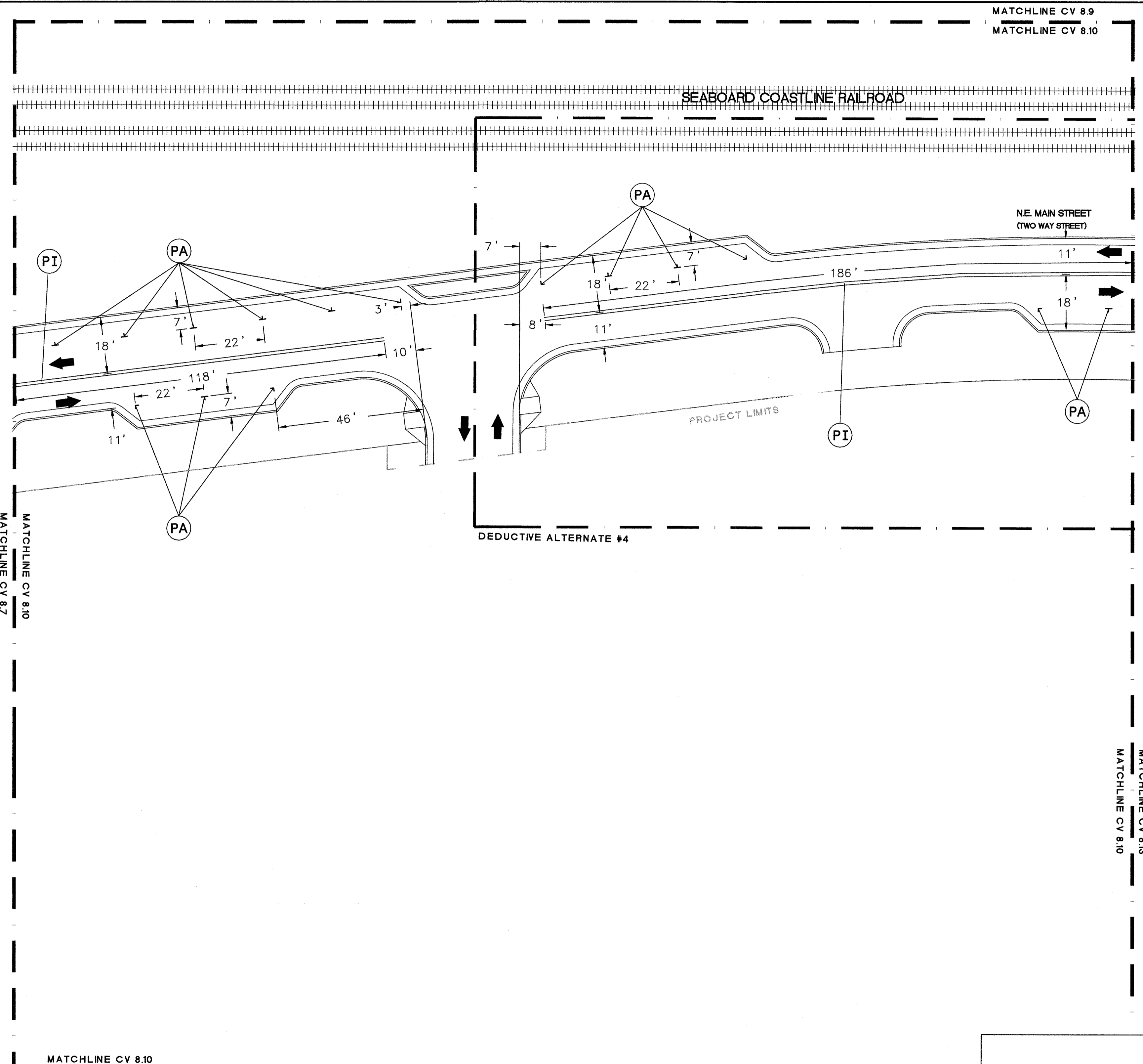


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CV 8.9

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(PG) 2 ft. Yellow Miniskip (4")	- - -
(PX) White Crosswalk (8")	———
(P3) White Line for Railroad Crossbuck (16")	———
(P4) White Stop Bar (24")	———
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↻
(QD) Combo Straight & Left Turn Arrow	↶↻
(QE) Combo Straight & Right Turn Arrow	↷↻
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

PROPOSED PAVEMENT MARKING PLAN

ISSUED FOR BIDDING

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

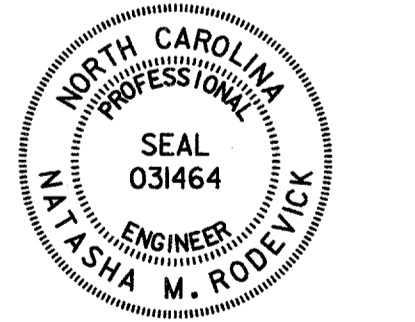
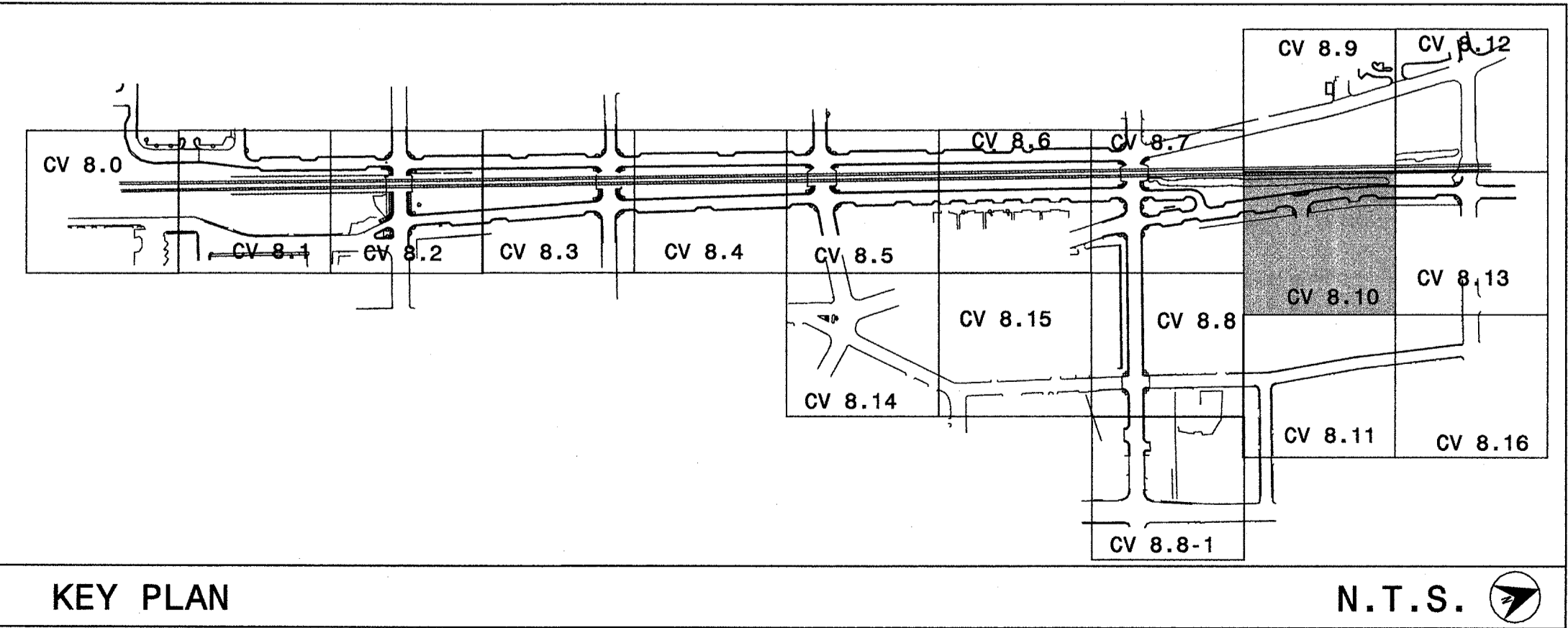
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1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. SIX FORKS ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO: C-1554



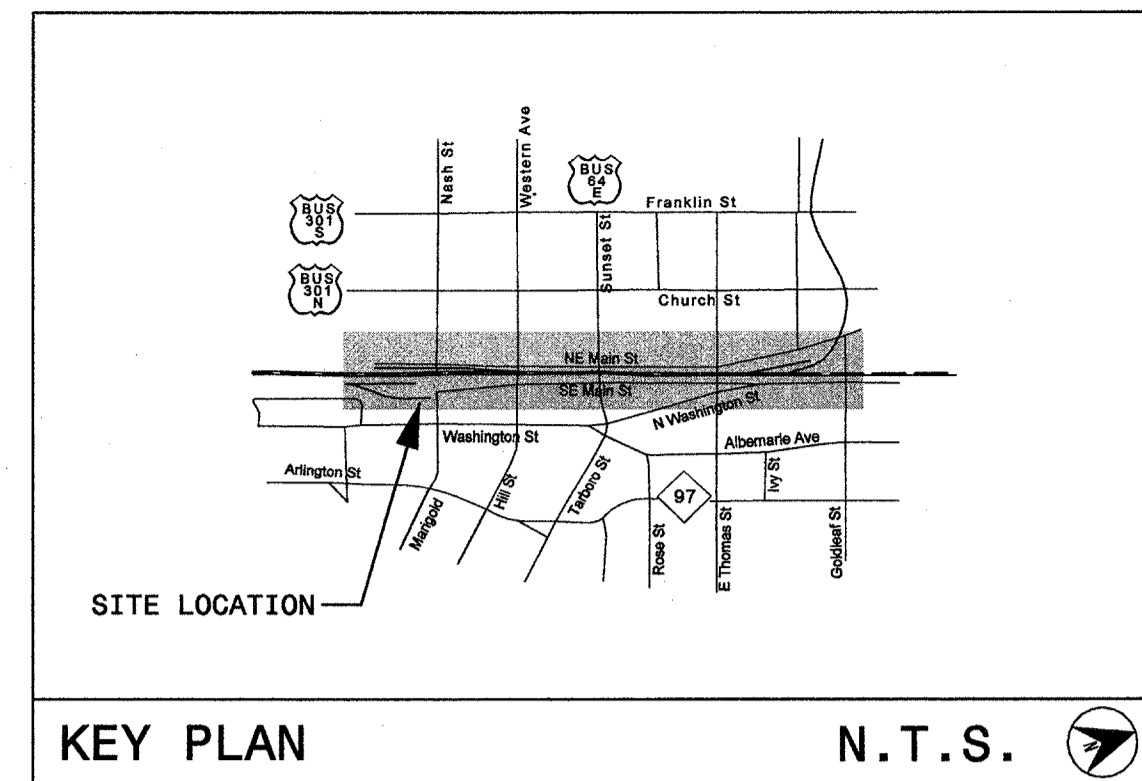
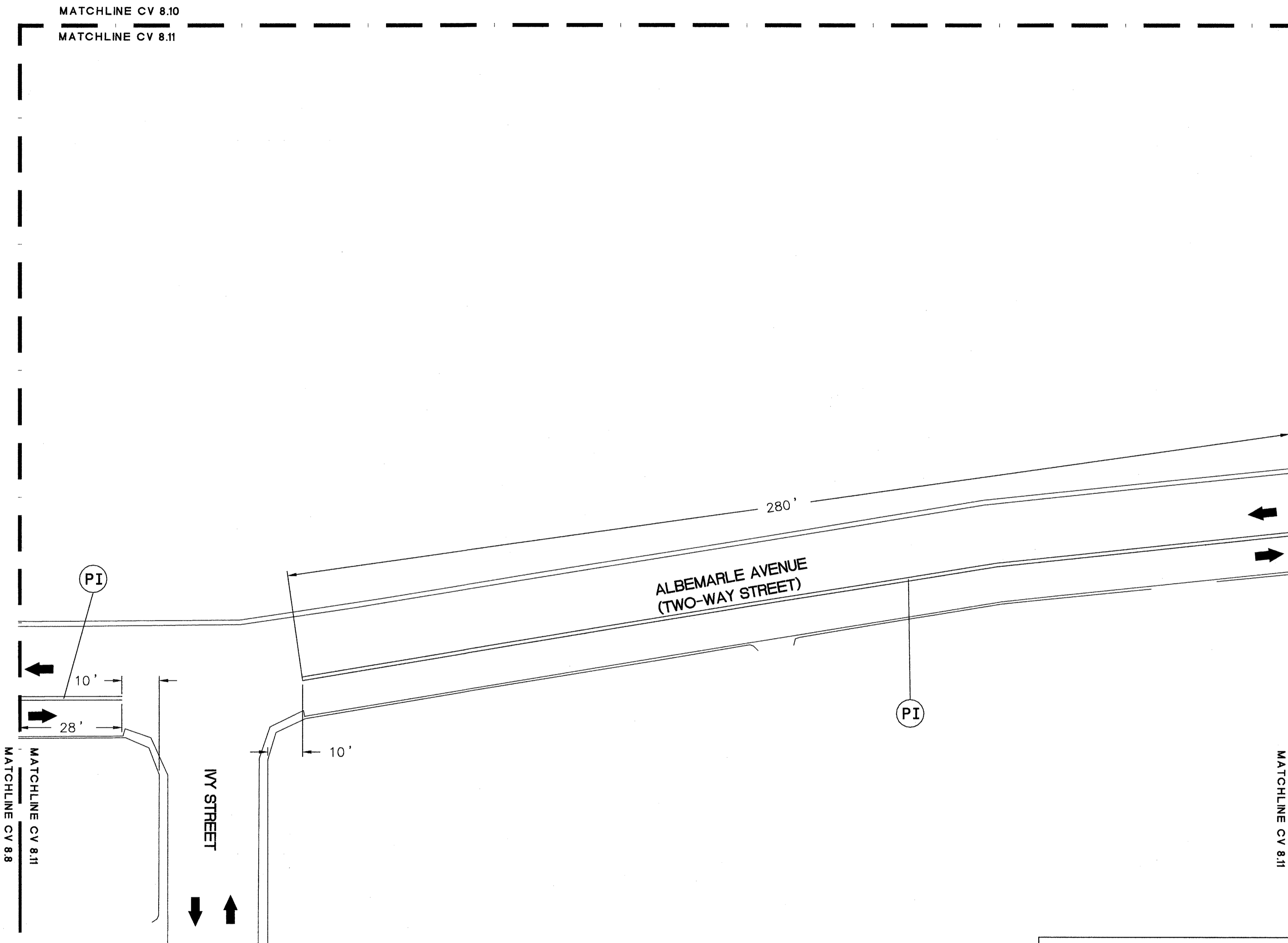
Signature: *Natasha M. Rodrick* DATE: 4-22-10

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1"=20'

CV 8.10

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P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

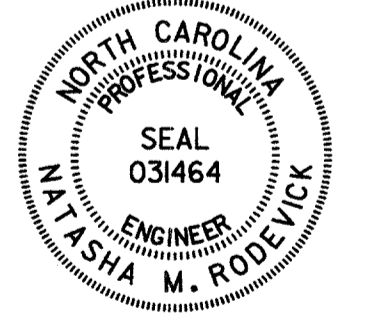
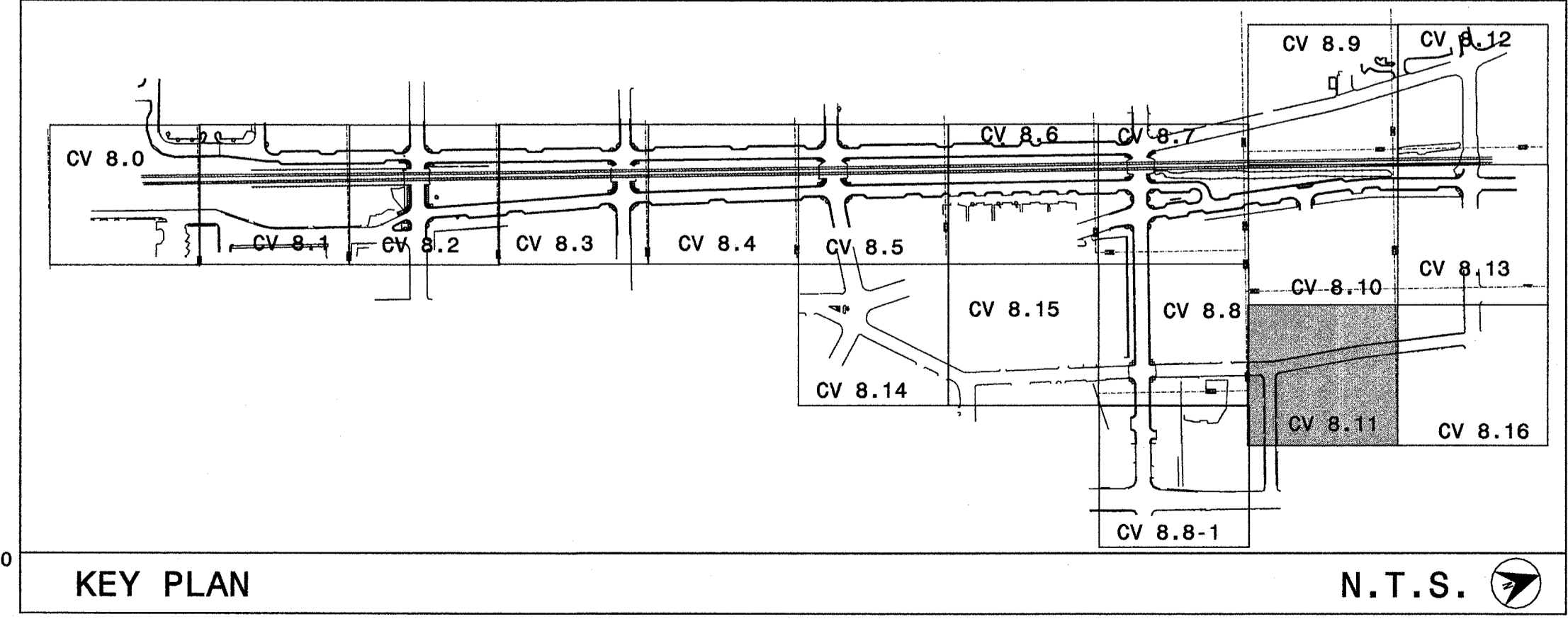
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

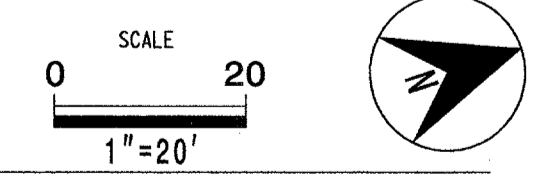
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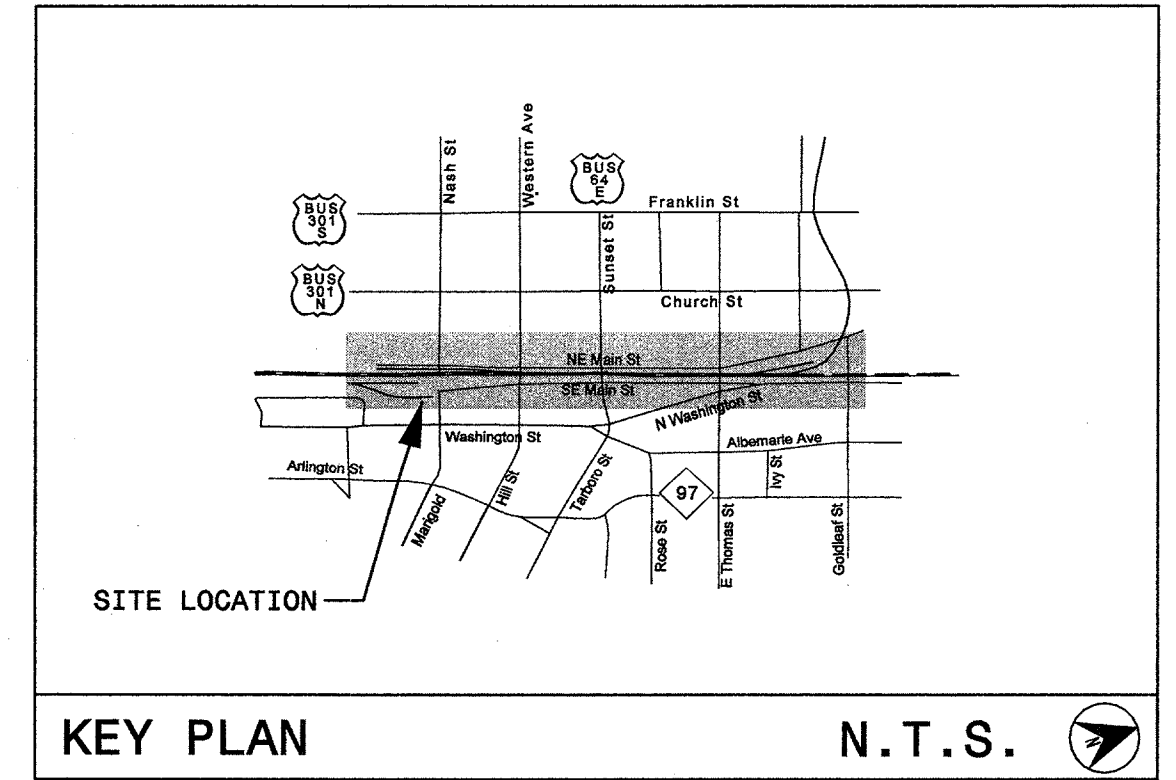
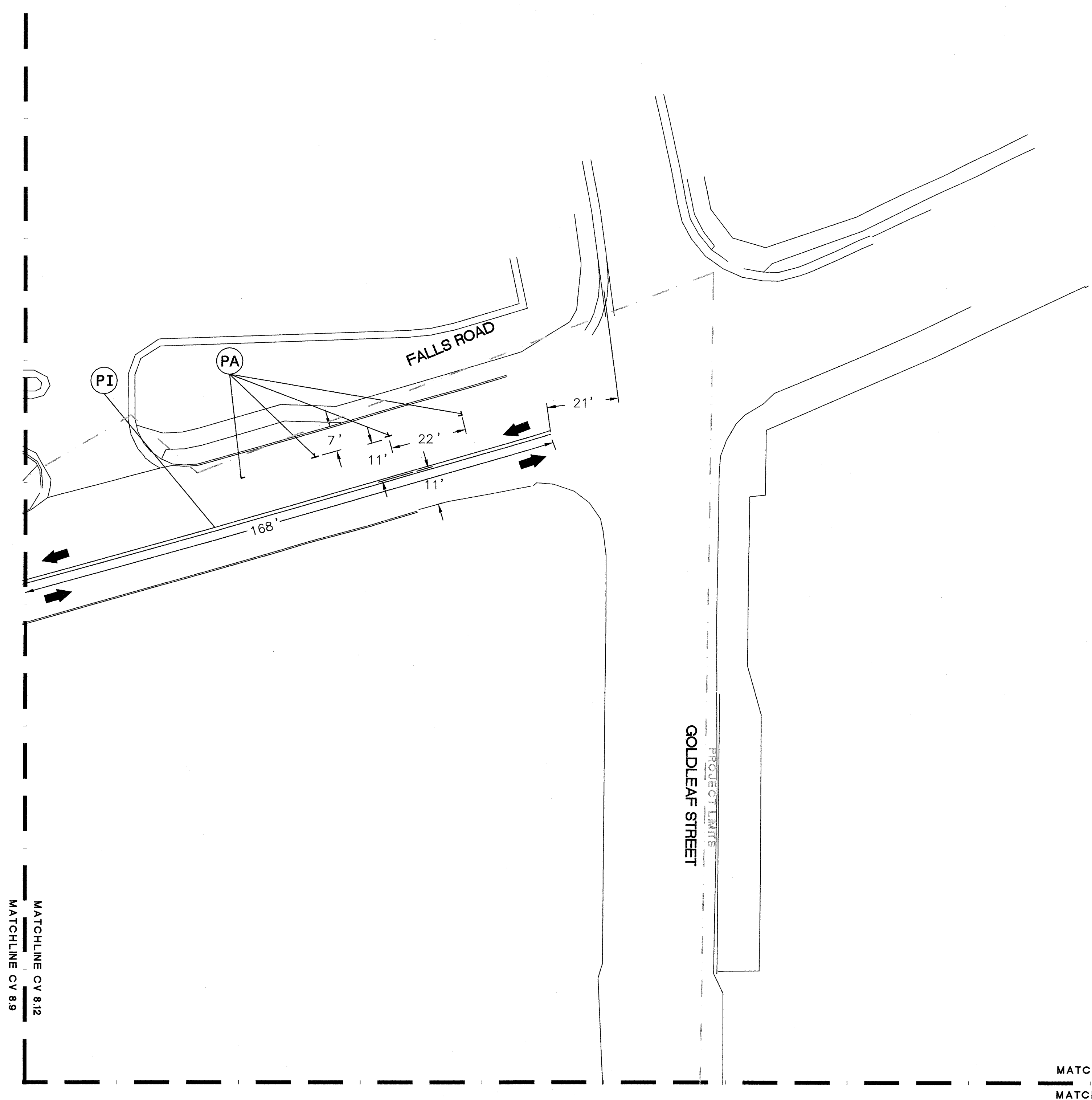


Signature: *Natasha M. Radford* 4/22/10
 DATE



CV 8.11

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(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	→
(QD) Combo Straight & Left Turn Arrow	↶→
(QE) Combo Straight & Right Turn Arrow	↷→
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	↓
Direction of Traffic Flow	↓



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

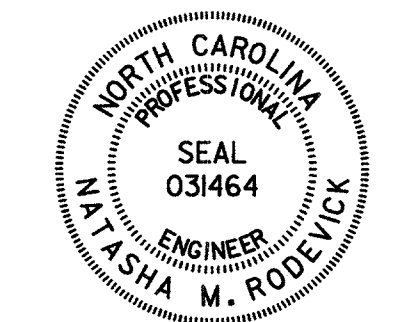
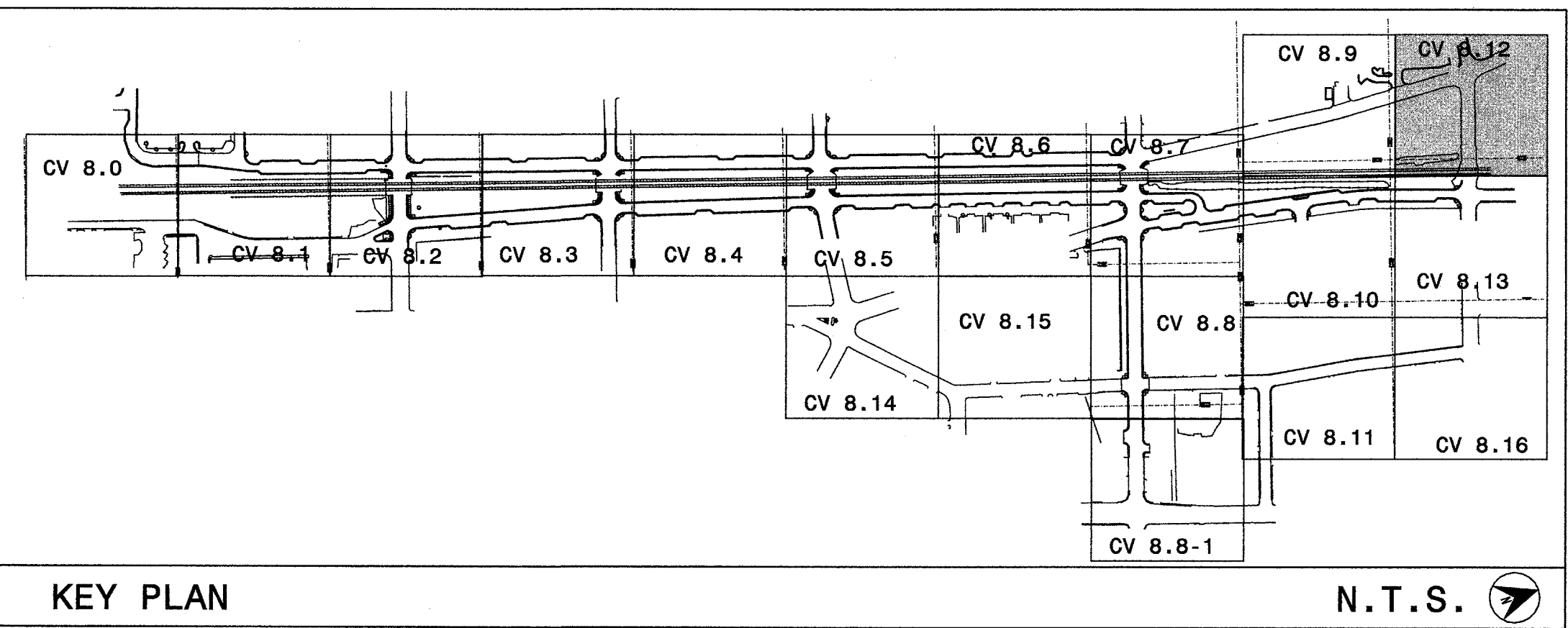
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

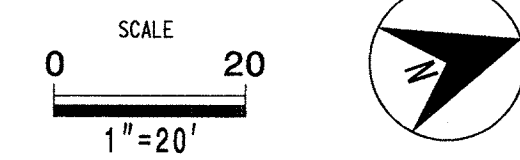
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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HNTB NORTH CAROLINA, P.C.
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NC License No: C-1554

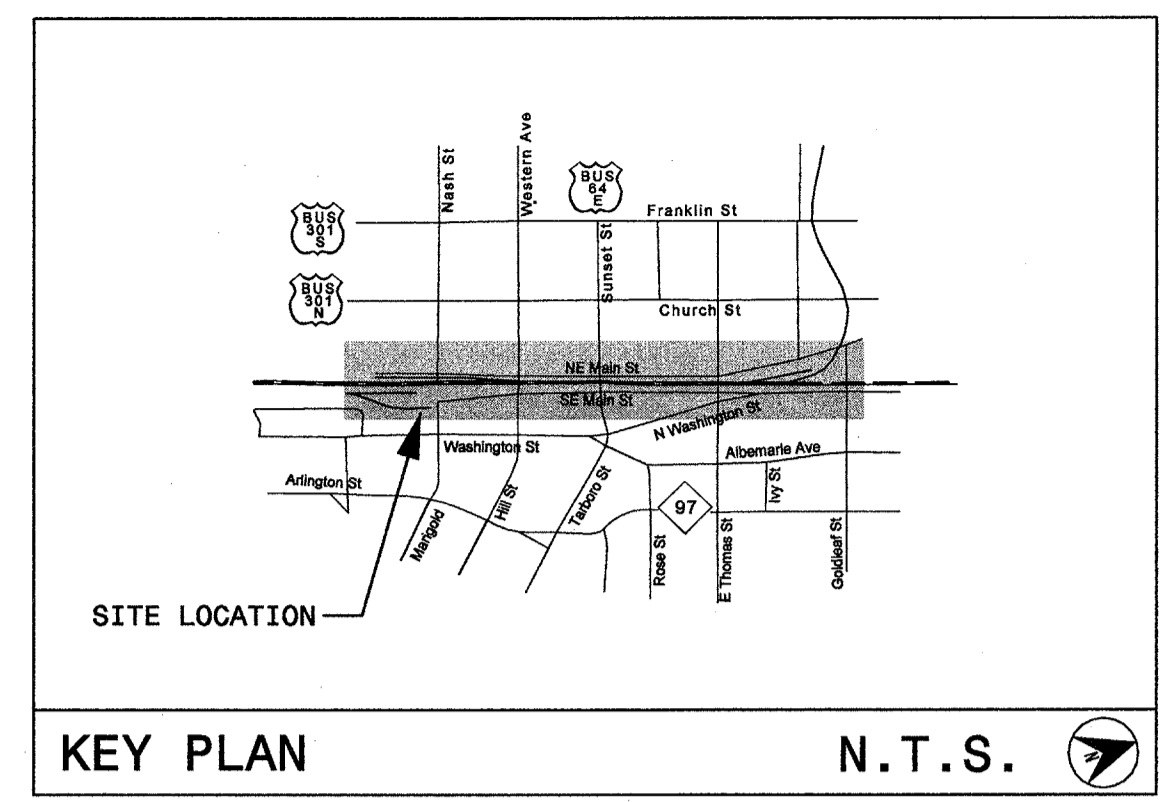
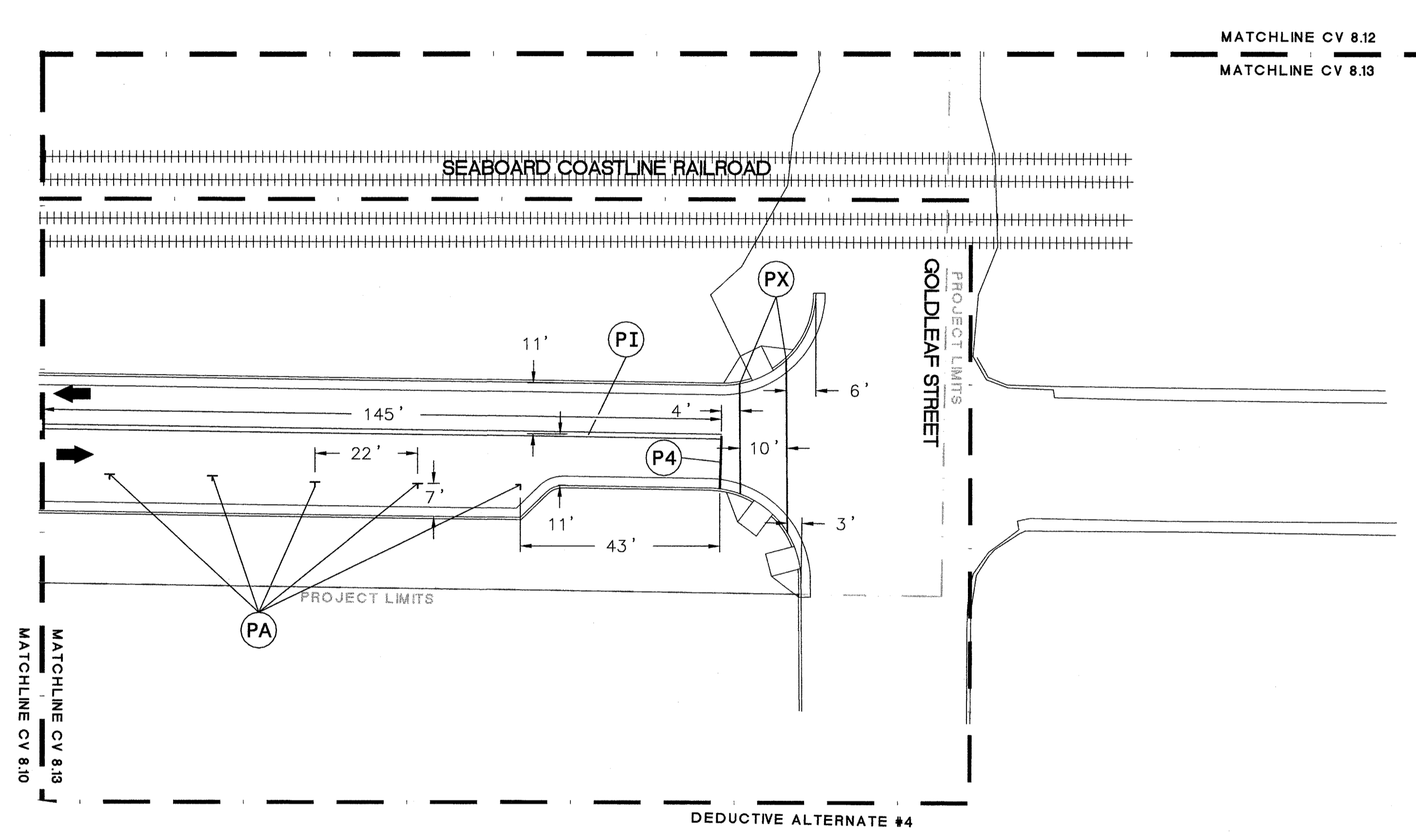


Signature: *Natasha M. Redbird* 4-22-10
DATE



CV 8.12

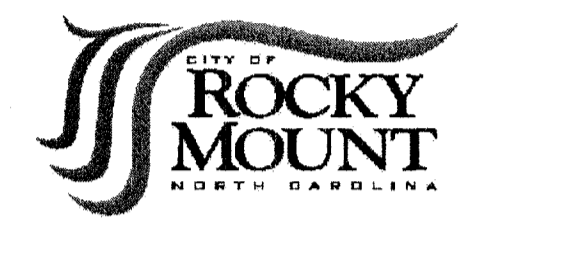
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KEY PLAN N.T.S.

LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↻
QD Combo Straight & Left Turn Arrow	↶↻
QE Combo Straight & Right Turn Arrow	↷↻
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

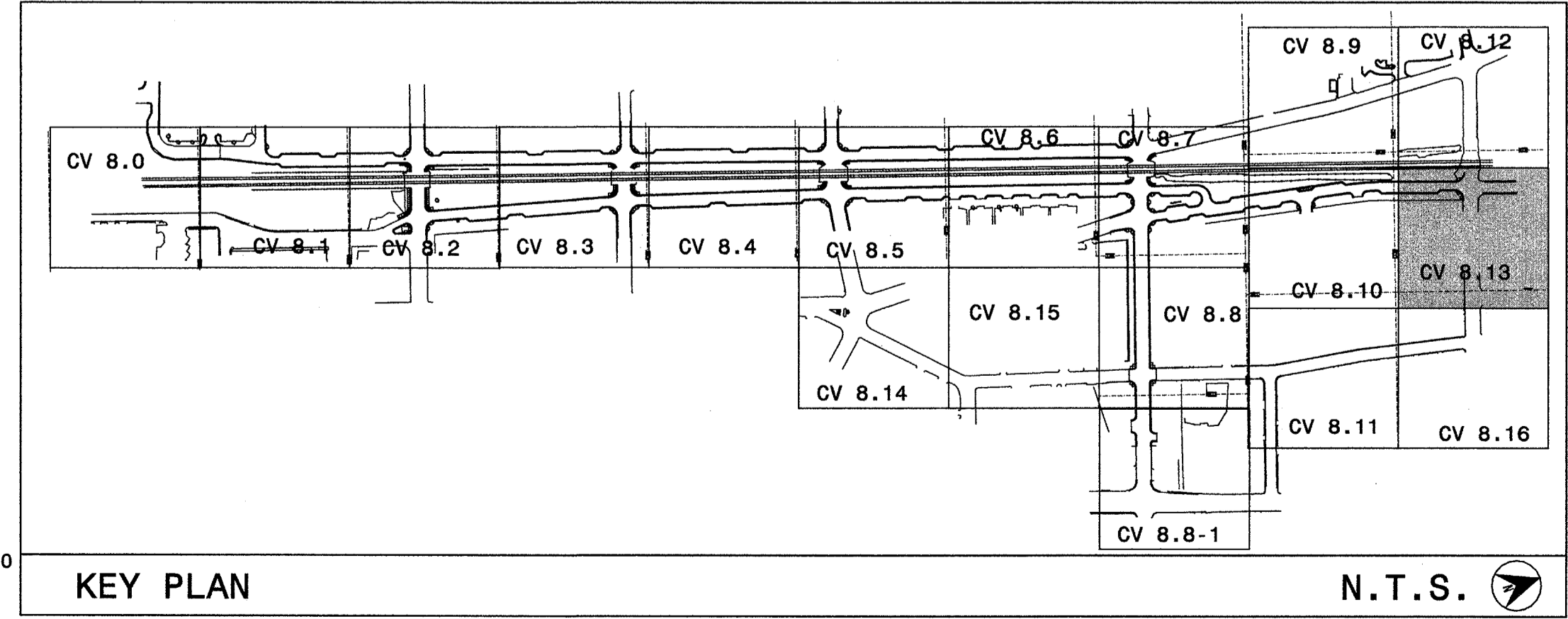
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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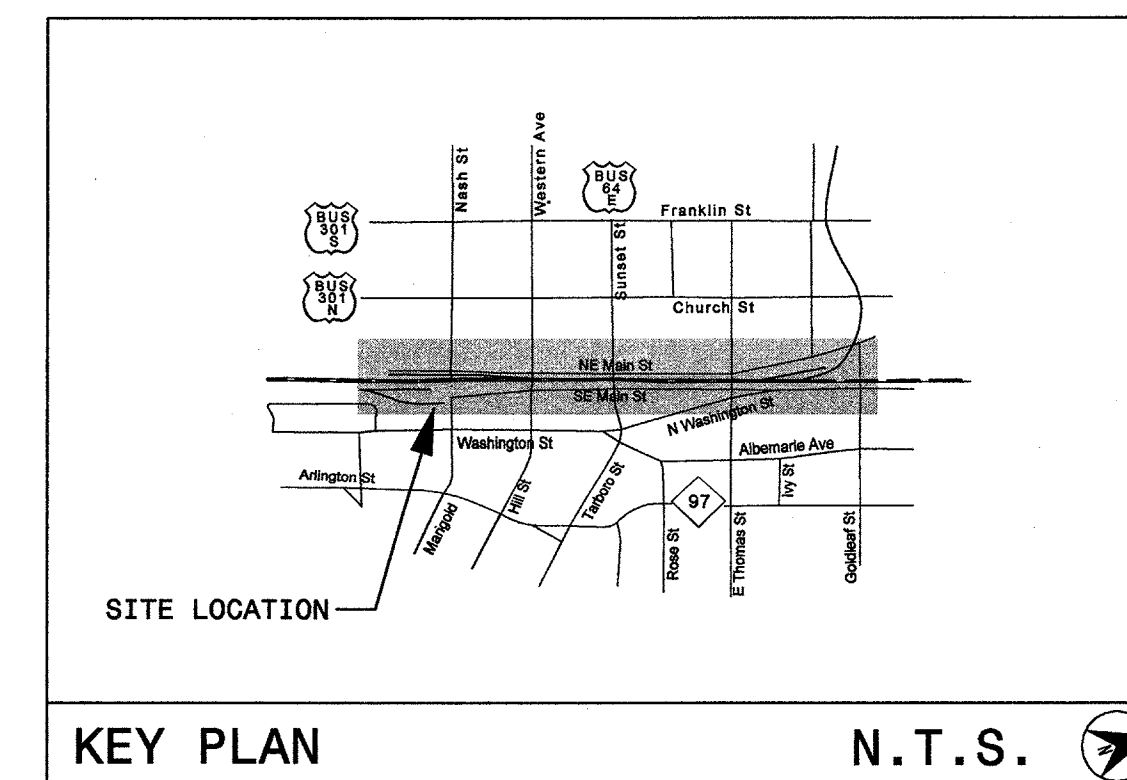
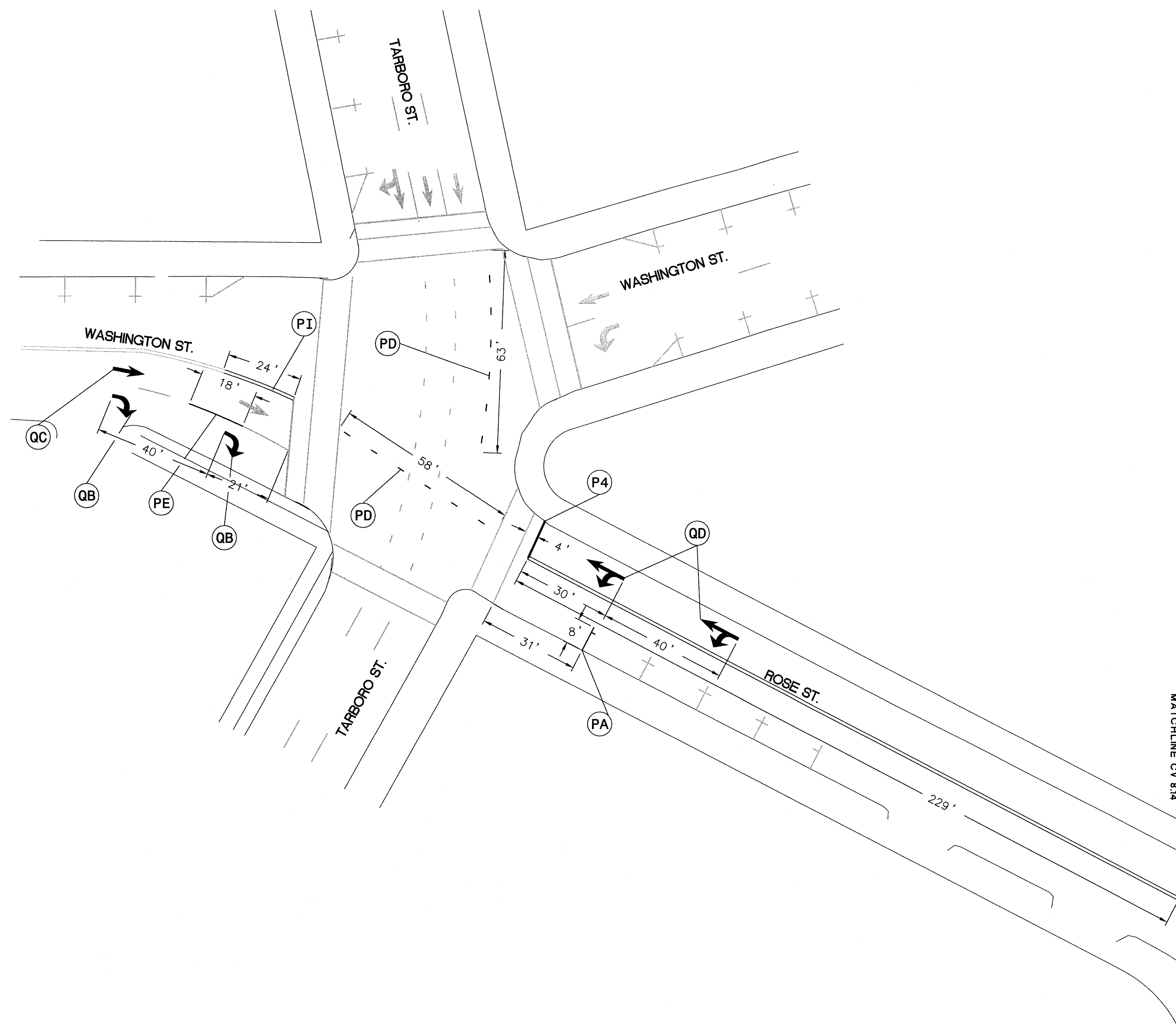


Natalia M. Roberl 4.22.10
 SIGNATURE DATE

SCALE
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 1"=20'

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(PI) Yellow Double Center Line (4")	—
(PG) 2 ft. Yellow Miniskip (4")	- -
(PX) White Crosswalk (8")	—
(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↔
(QD) Combo Straight & Left Turn Arrow	↶↔
(QE) Combo Straight & Right Turn Arrow	↷↔
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	→



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

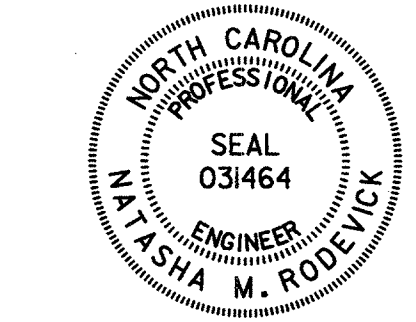
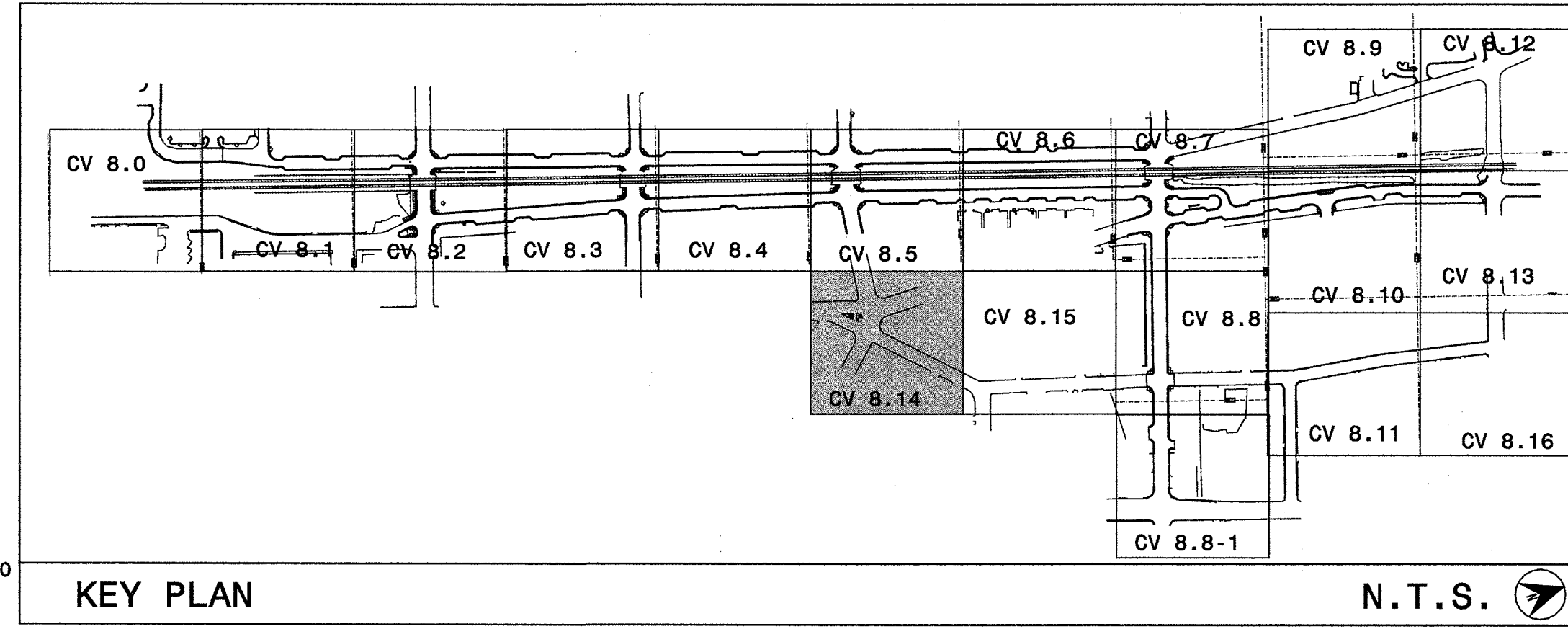
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

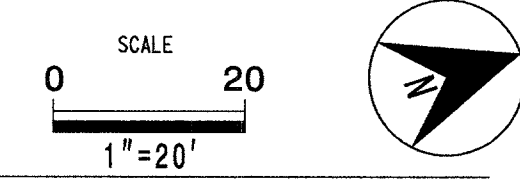
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1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
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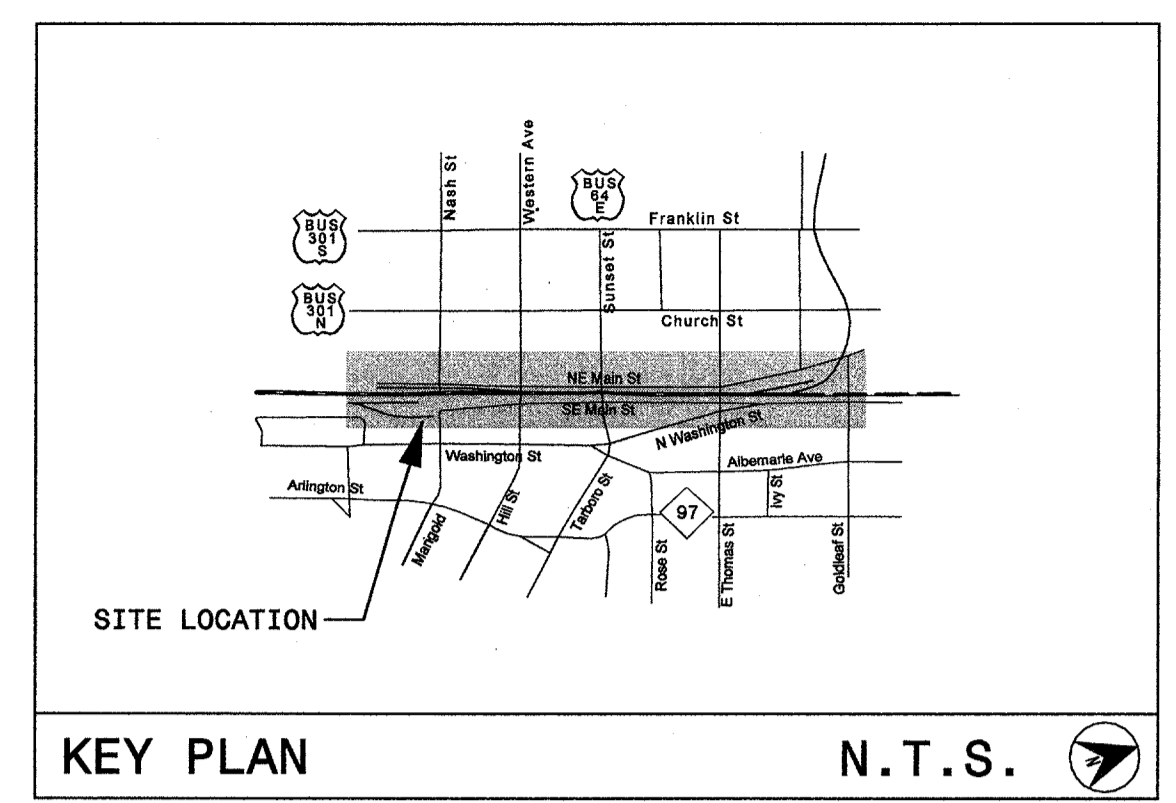
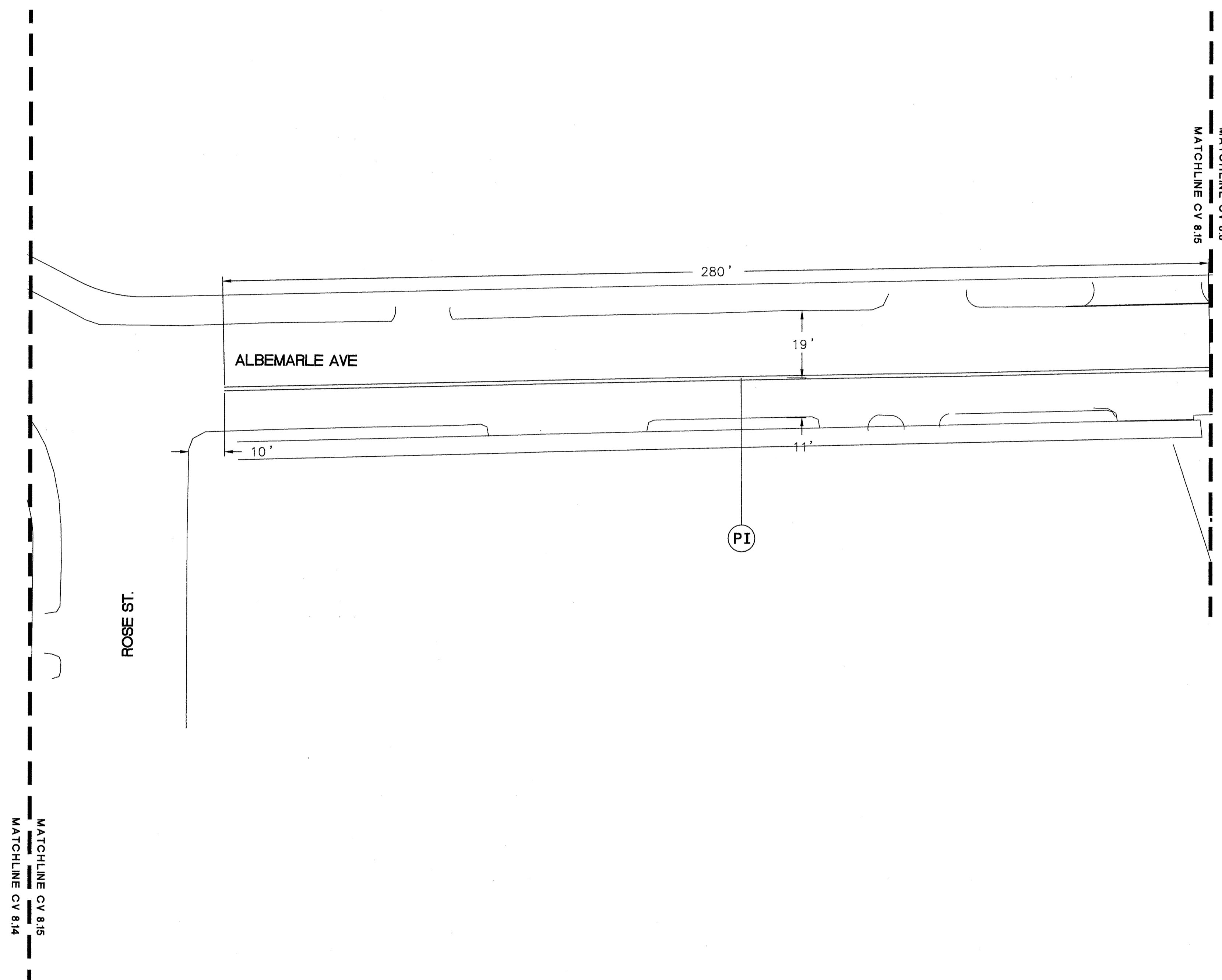
Natasha M. Rodrick 4.22.10
 SIGNATURE DATE



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KEY PLAN N.T.S.

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(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↷
(QD) Combo Straight & Left Turn Arrow	↶↷
(QE) Combo Straight & Right Turn Arrow	↷↶
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	↓



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

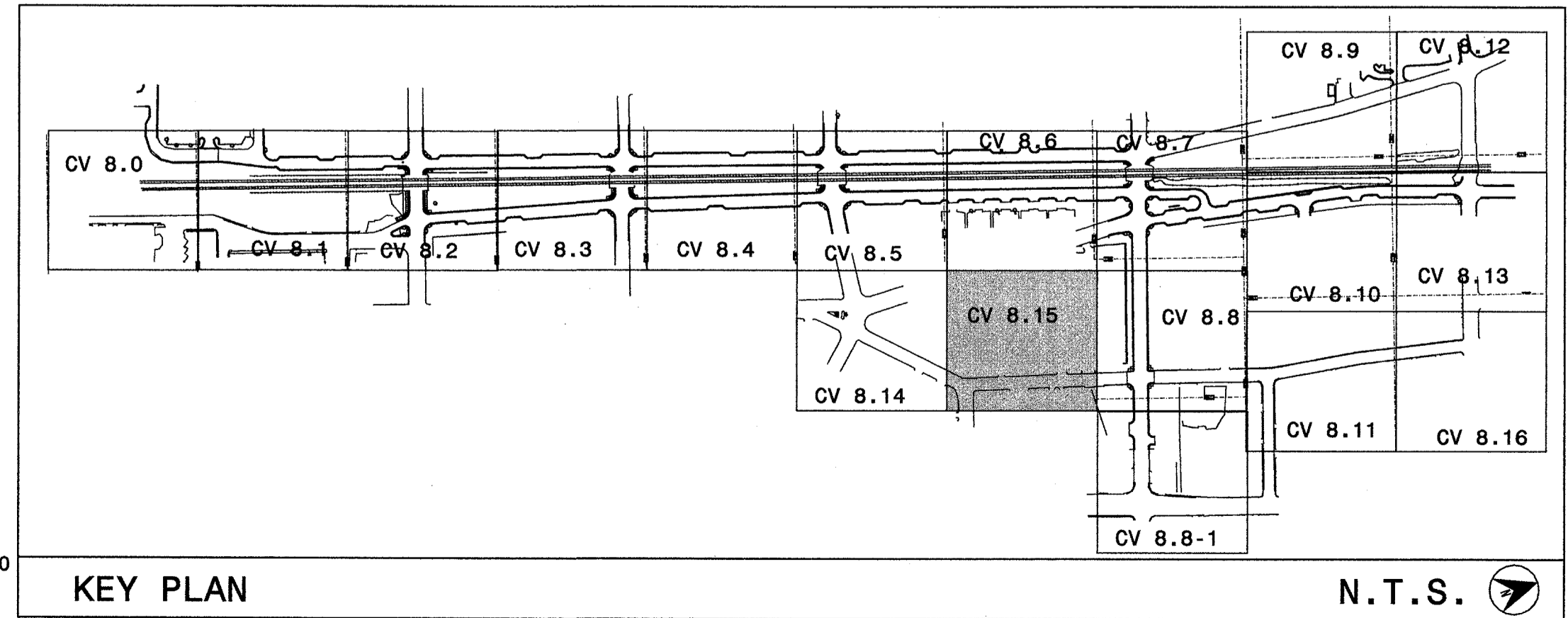
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

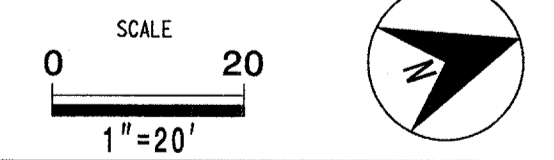
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1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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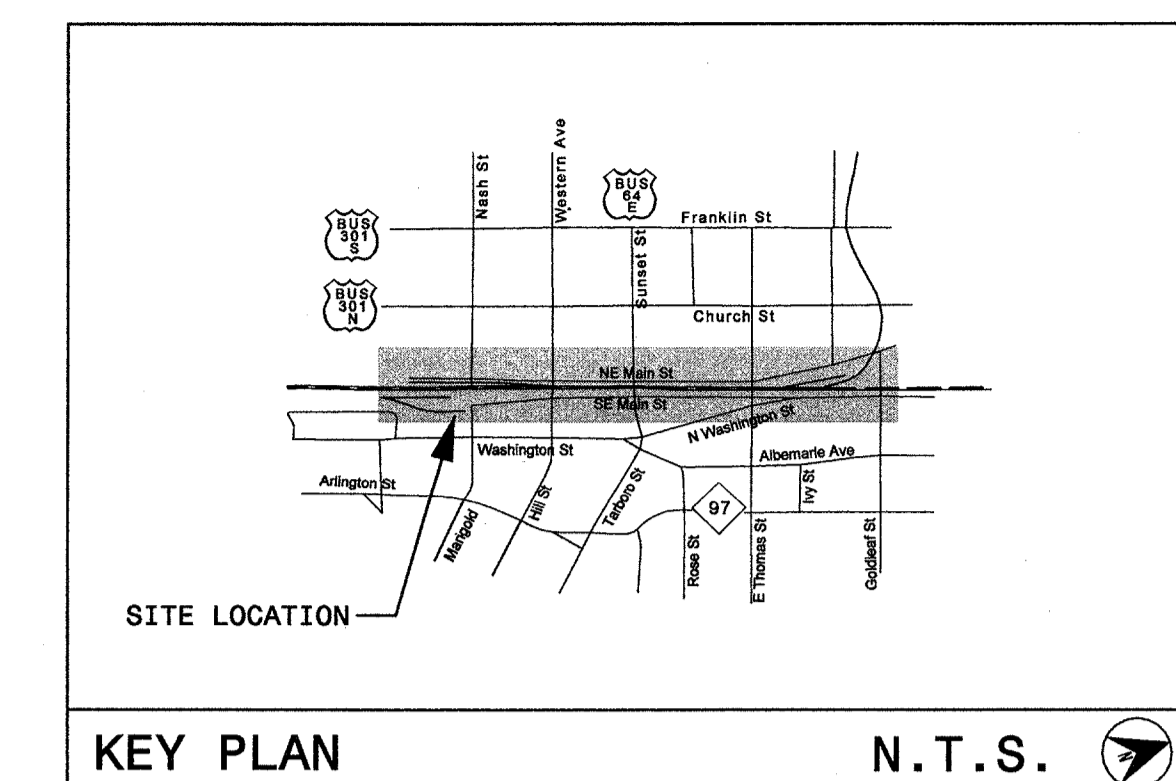
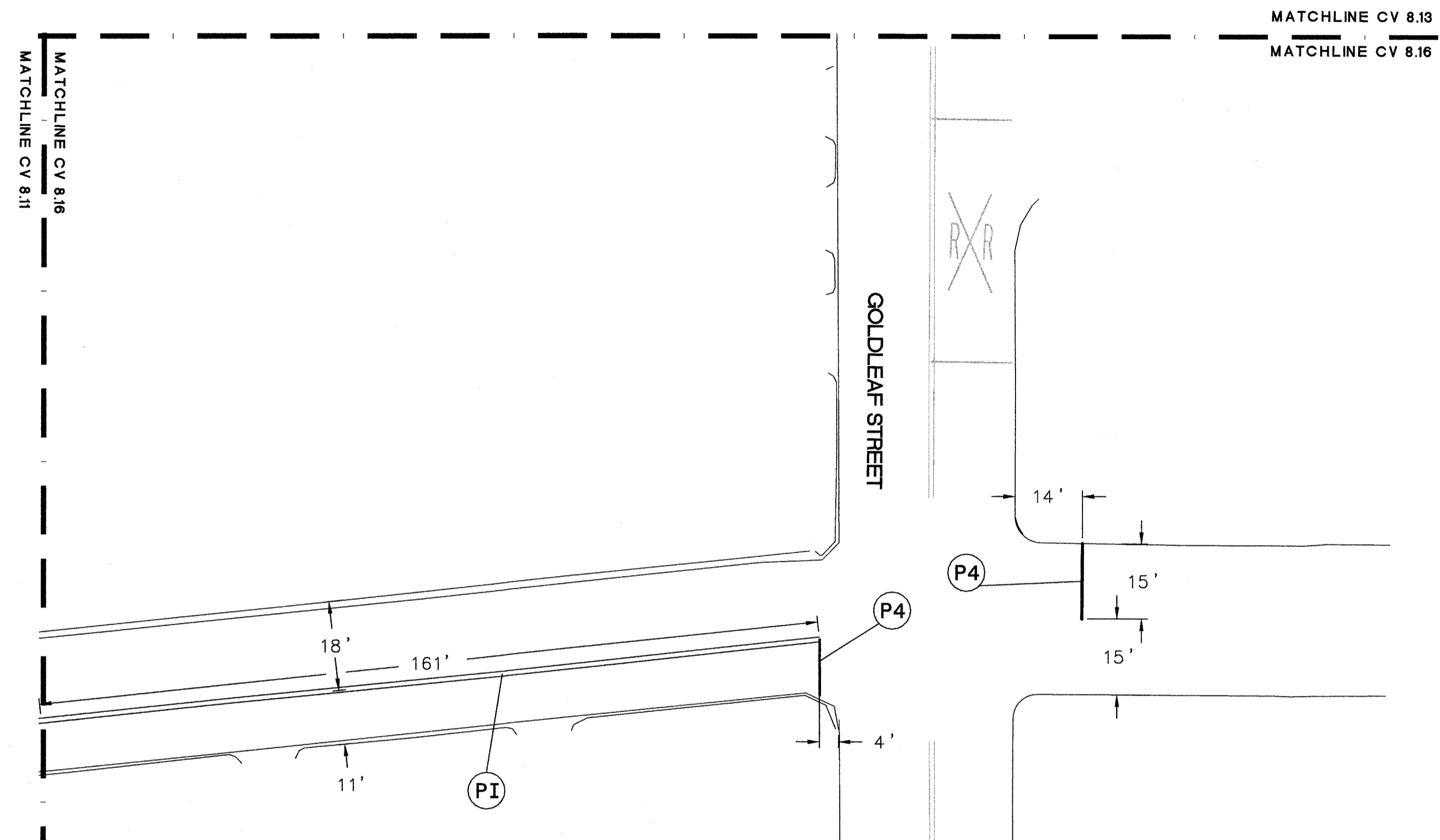


Signature: *Natasha M. Radwin* DATE: 4-22-10



CV 8.15

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PX White Crosswalk (8")	—
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QB Right Turn Arrow	↷
QC Straight Arrow	↷
QD Combo Straight & Left Turn Arrow	↶↷
QE Combo Straight & Right Turn Arrow	↷↶
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

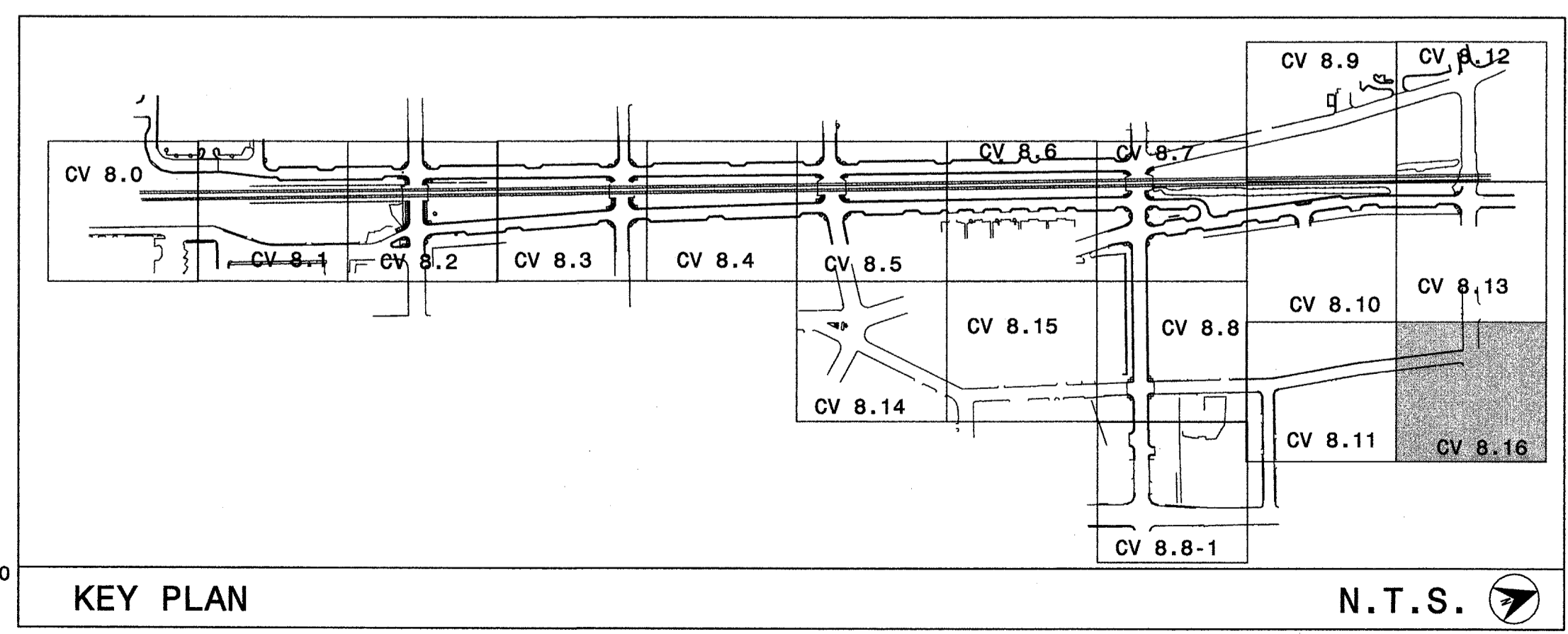
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Nisha W. Rodehick 4-22-10
SIGNATURE DATE

SCALE
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1"=20'

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FINAL PAVEMENT MARKING SCHEDULE*

SYMBOL	DESCRIPTION	PAY ITEM	QUANTITY BREAKDOWN**	TOTAL QUANTITY
PAVEMENT MARKING LINES				
		PAINT (4")		14,790 FT
PA	WHITE EDGELINE		2,290 FT	
PC	10 FT. WHITE SKIP		500 FT	
PD	2 FT. WHITE MINISKIP		160 FT	
PE	WHITE SOLID LANE LINE		1,235 FT	
PI	YELLOW DOUBLE CENTER LINE		10,610 FT	
		PAINT (8")		3,830 FT
PX	WHITE CROSSWALK (8")		3,830 FT	
		PAINT (16")		270 FT
P3	WHITE LINE FOR RAILROAD CROSSBUCK		270 FT	
		PAINT (24")		990 FT
P4	WHITE STOP BAR (24")		990 FT	
PAVEMENT MARKING SYMBOLS AND CHARACTERS				
PAINT PAVEMENT MARKING SYMBOLS				
QA	LEFT TURN ARROW		16 EA	104 EA
QB	RIGHT TURN ARROW		10 EA	
QC	STRAIGHT ARROW		38 EA	
QD	COMBO STRAIGHT & LEFT TURN ARROW		16 EA	
QE	COMBO STRAIGHT & RIGHT TURN ARROW		22 EA	
QF	COMBO LEFT & RIGHT ARROW		2 EA	
PAINT PAVEMENT MARKING CHARACTERS				
QI	ALPHANUMERIC CHARACTER		12 EA	

**DEDUCTIVE ALTERNATIVE
PAVEMENT MARKING SCHEDULE**

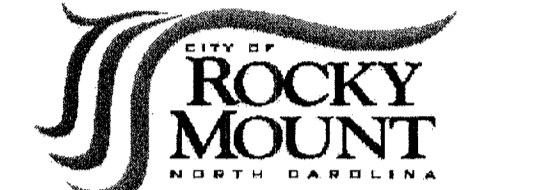
PAY ITEM	QUANTITY BREAKDOWN**
DEDUCTIVE ALTERNATIVE #1	
PAINT 4"	560 FT
PAINT PAVEMENT MARKING SYMBOLS	8 EA
DEDUCTIVE ALTERNATIVE #2	
PAINT 4"	100 FT
DEDUCTIVE ALTERNATIVE #3	
PAINT 4"	230 FT
PAINT PAVEMENT MARKING SYMBOLS	8 ea
DEDUCTIVE ALTERNATIVE #4	
PAINT 4"	1,385 FT
PAINT 8"	125 FT
PAINT 24"	25 FT

* DEDUCTIVE ALTERNATIVE QUANTITIES ARE INCLUDED IN THE SUMMARY ESTIMATES.
 ** QUANTITIES ARE DOUBLED TO ACCOUNT FOR THE TWO LAYERS FOR PAINT PAVEMENT MARKINGS.

**2006 ROADWAY STANDARD DRAWINGS
AND STANDARD SPECIFICATIONS**

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1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
PAVEMENT
MARKING
SCHEDULE**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Roeyck 4.22.10
SIGNATURE DATE

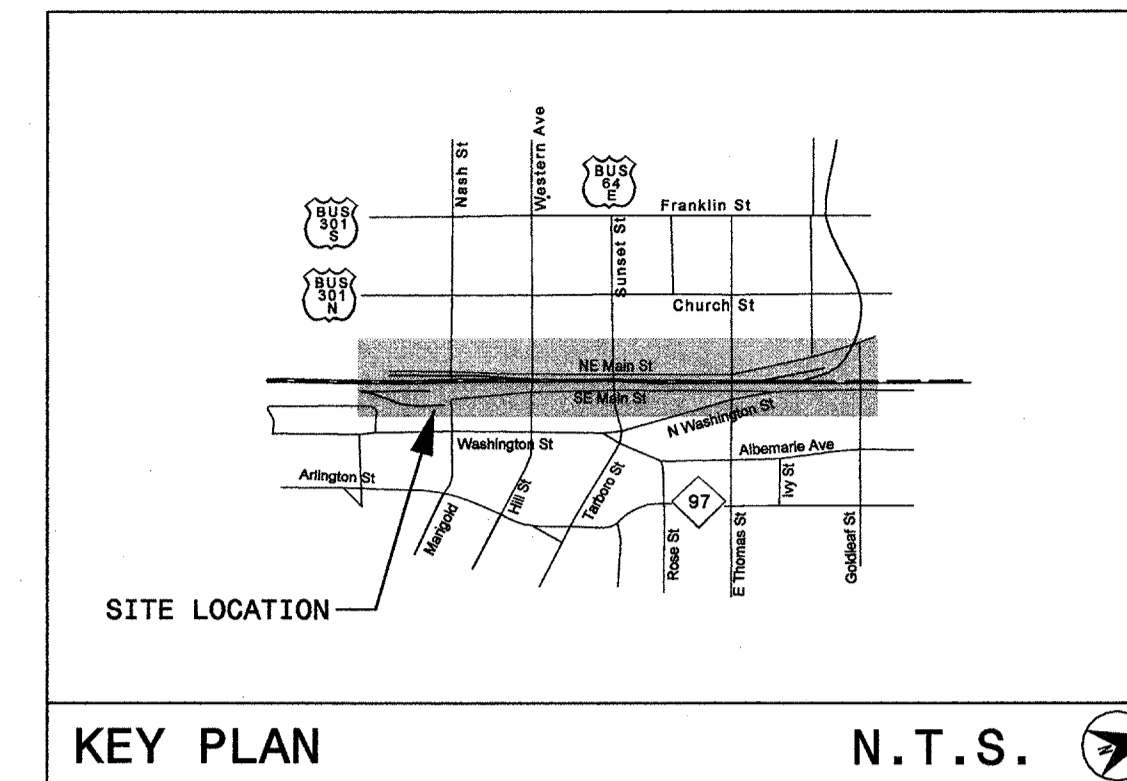
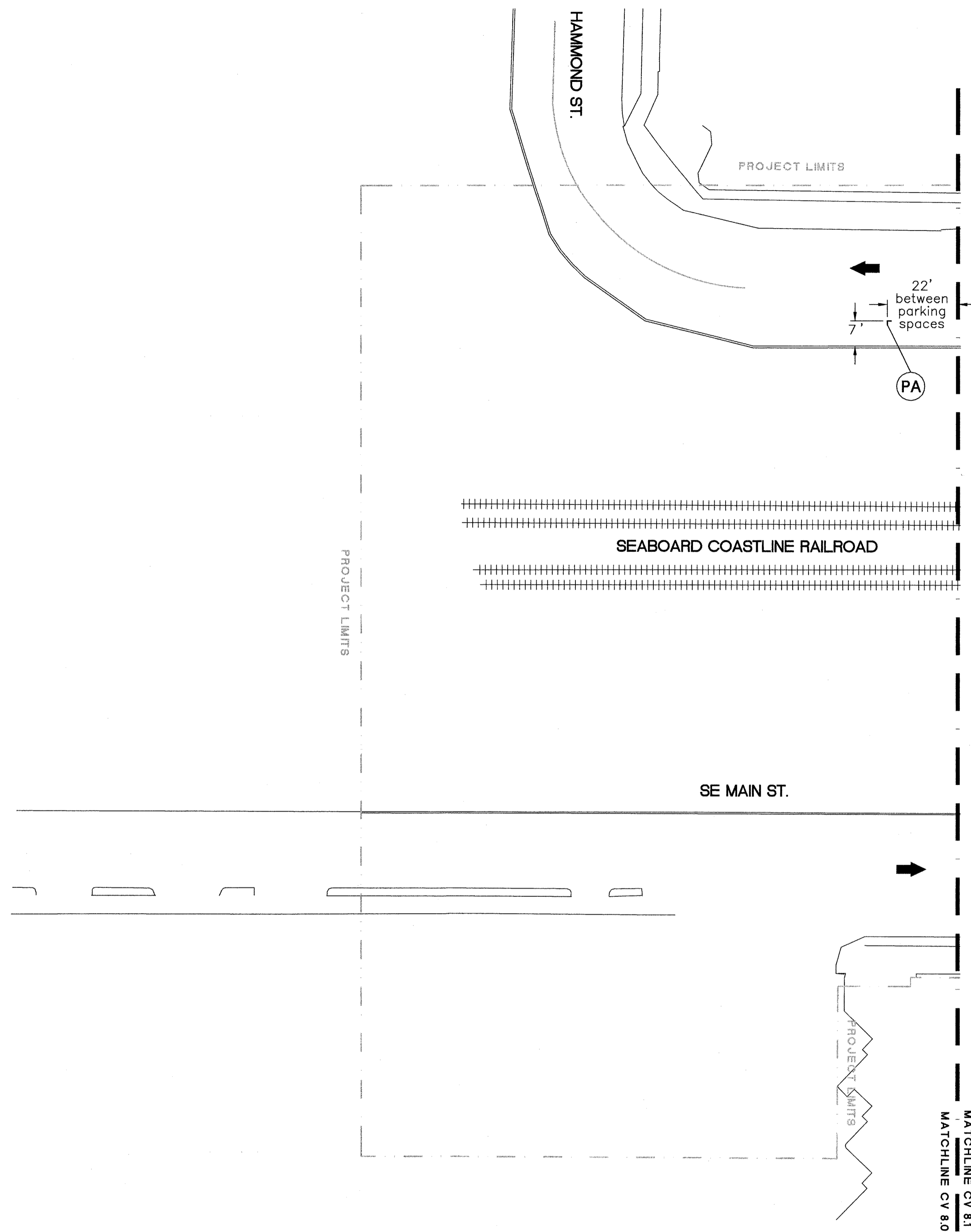
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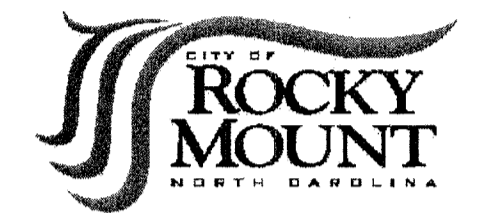
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P4 White Stop Bar (24")	—
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QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	→↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	→



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

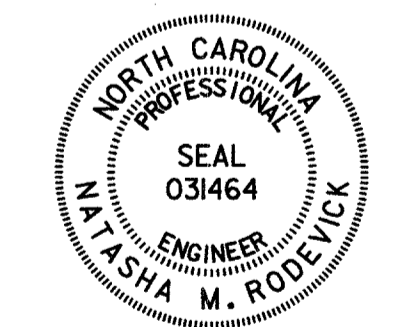
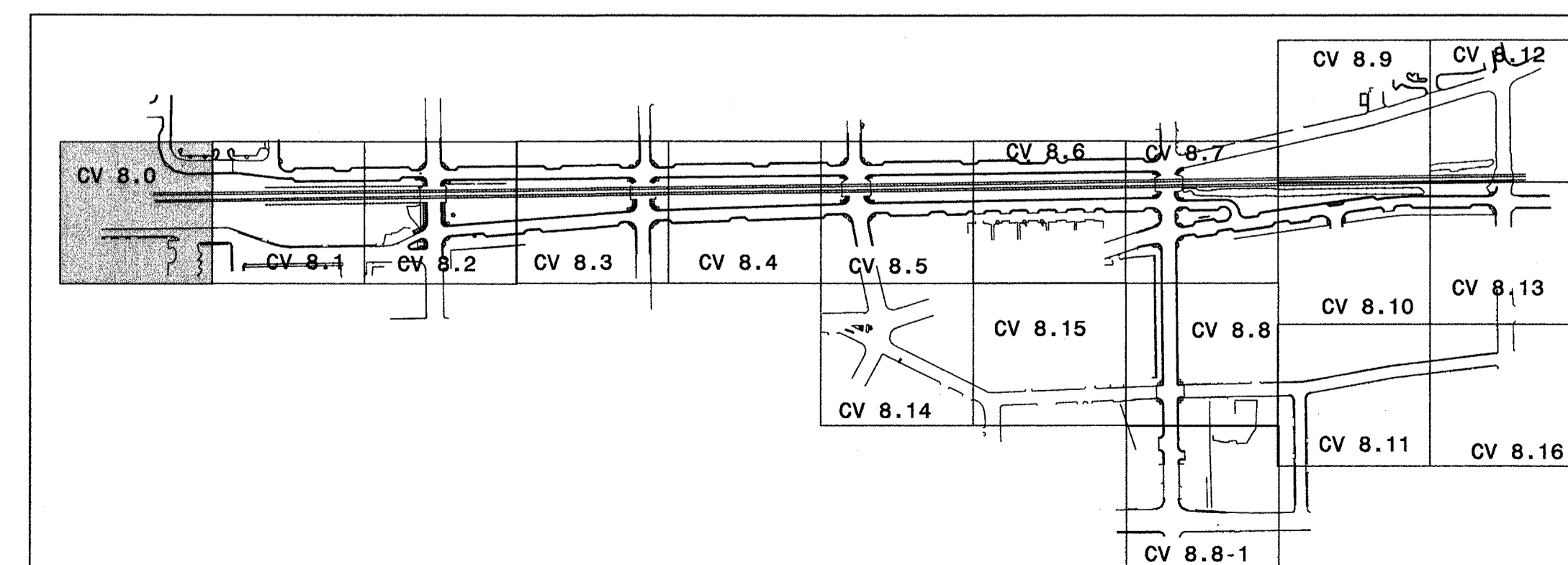
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

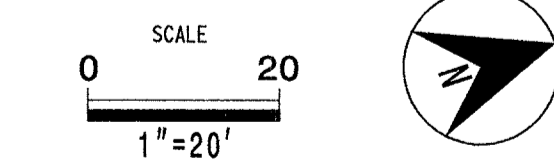
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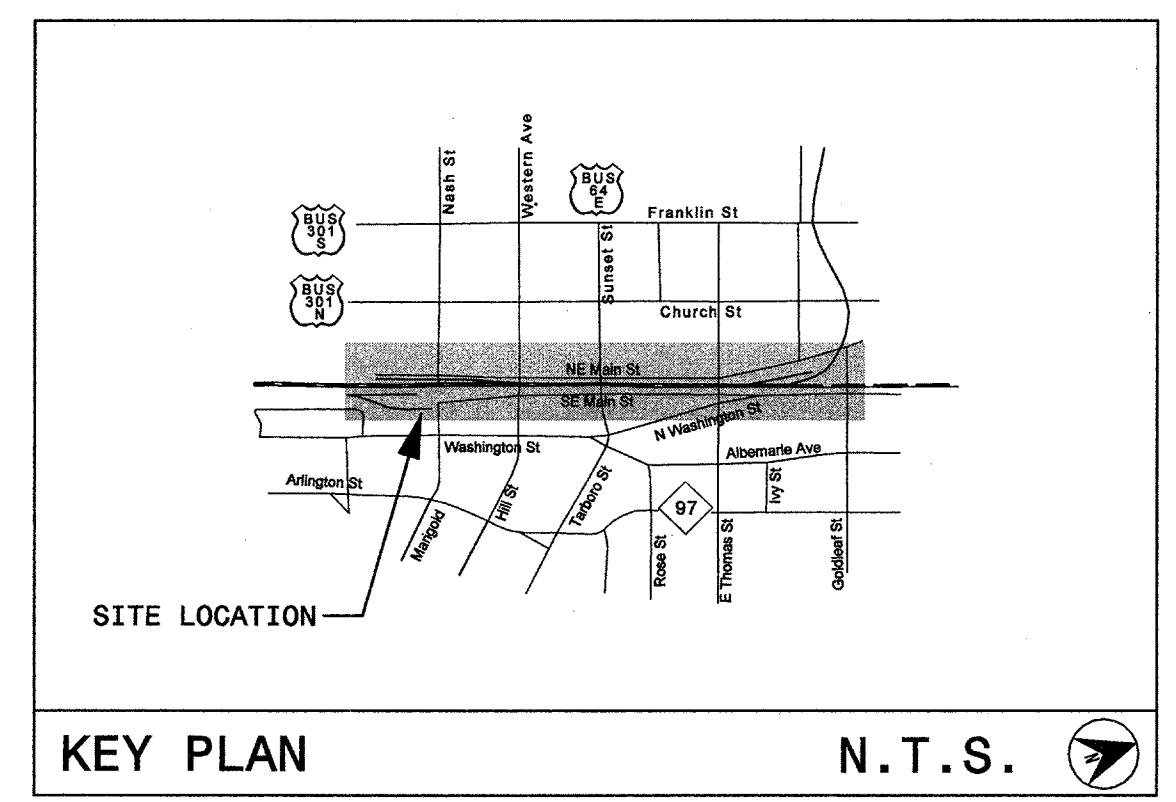
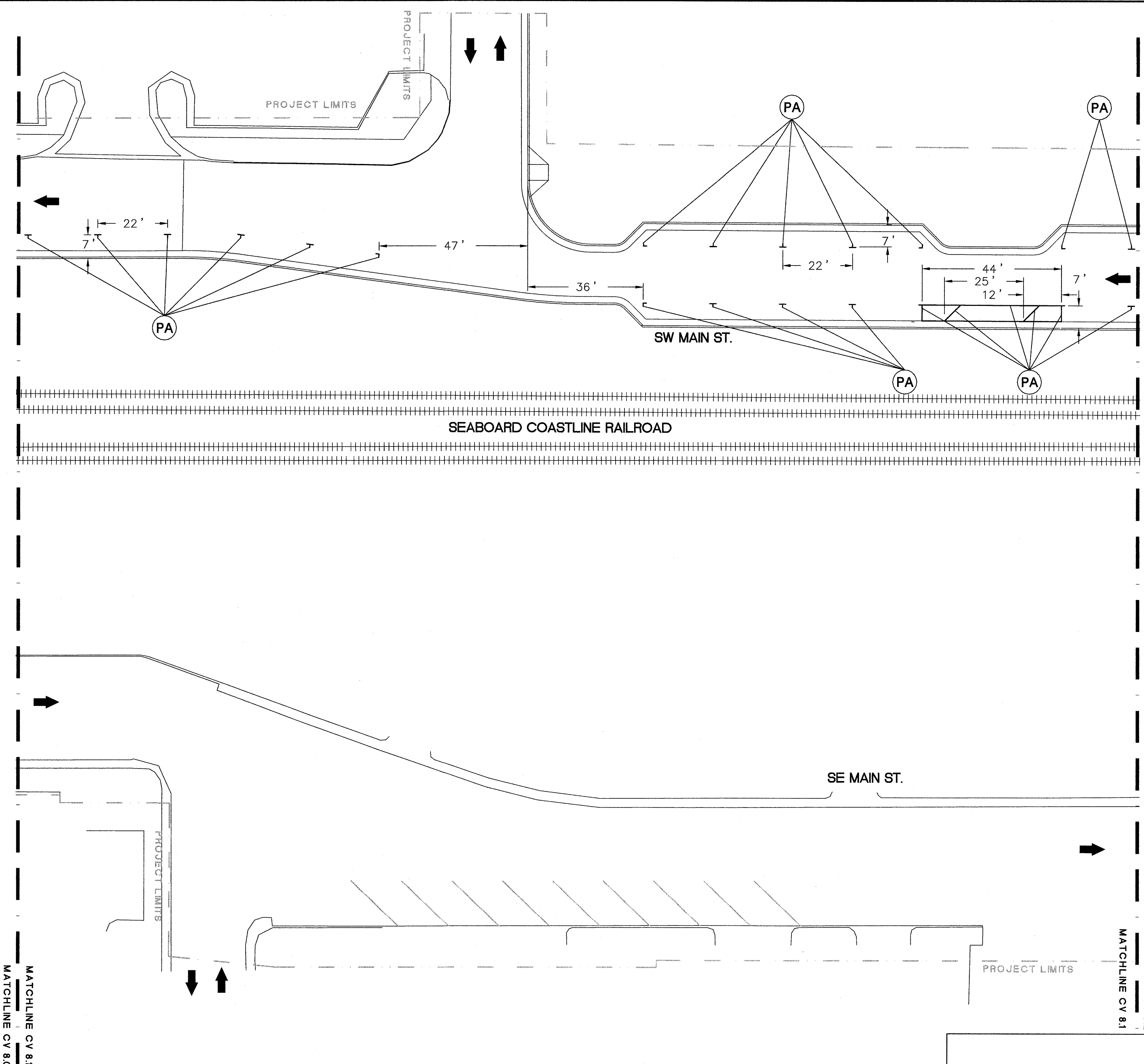


Natasha M. Rodejick 4-22-10
 SIGNATURE DATE



CV 8.0

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QB Right Turn Arrow	↷
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QD Combo Straight & Left Turn Arrow	↻↶
QE Combo Straight & Right Turn Arrow	↻↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

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PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

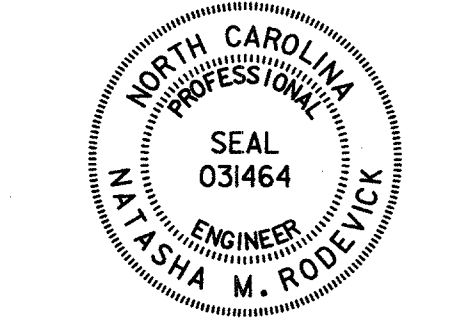
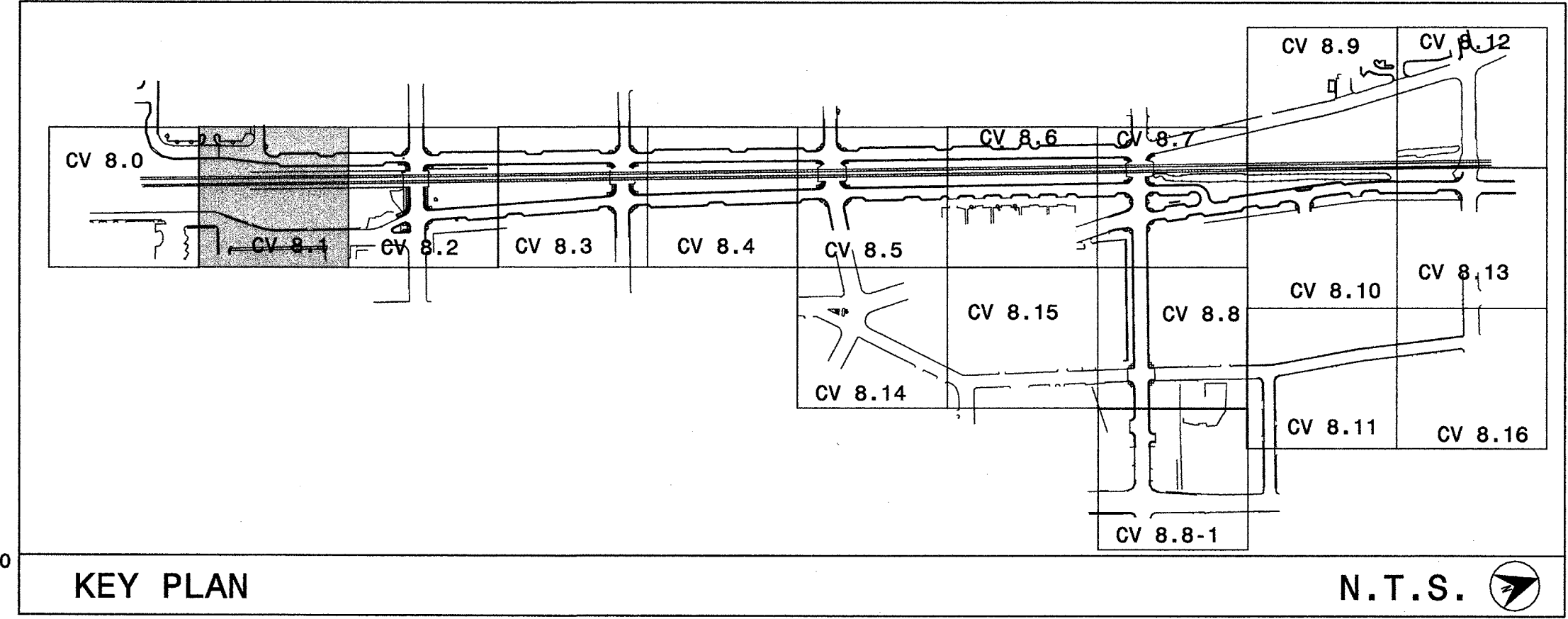
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

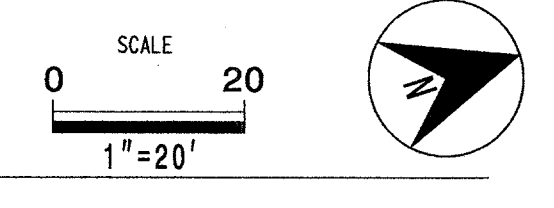
The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.04	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

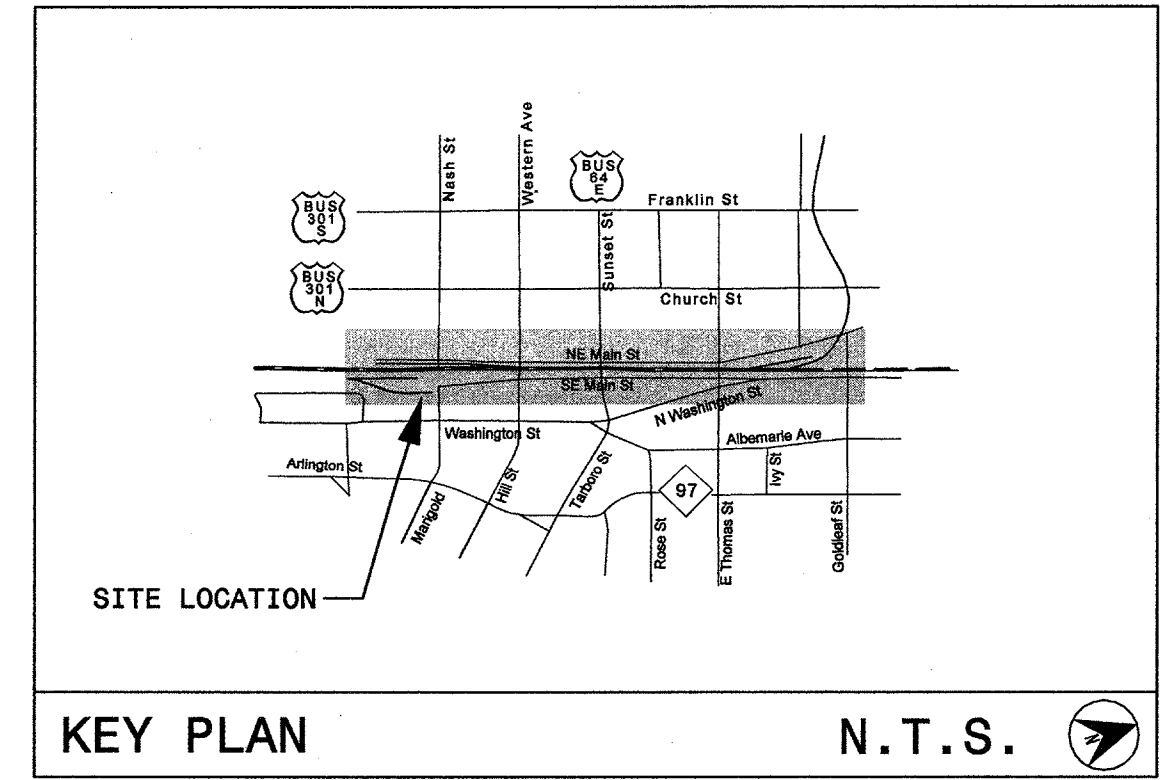
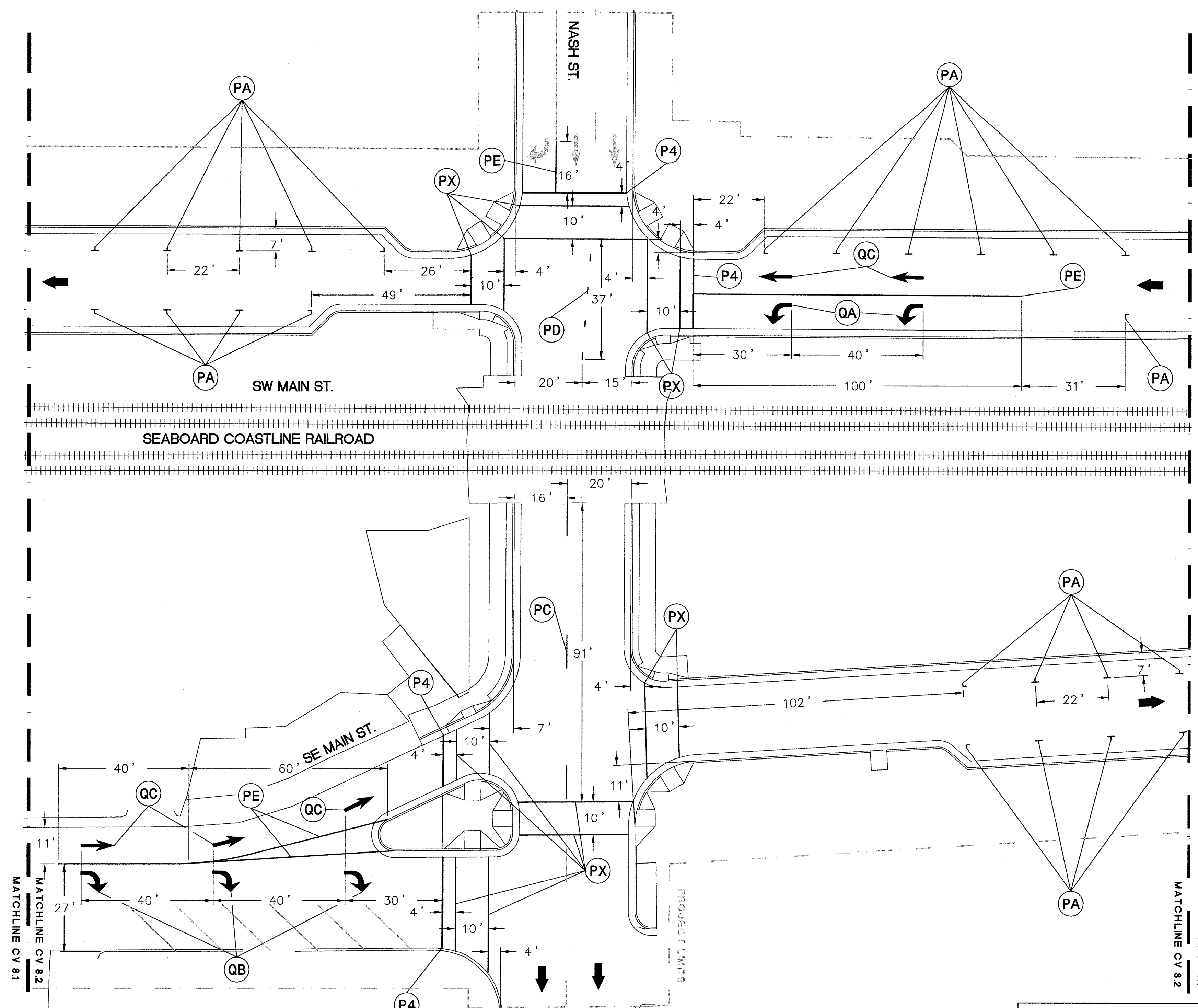


Signature: *Asha M. Royle* 4/22/10
 DATE



CV 8.1

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	↔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

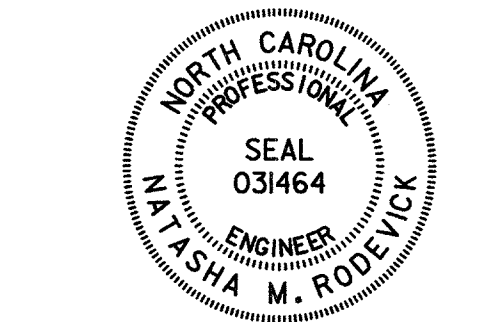
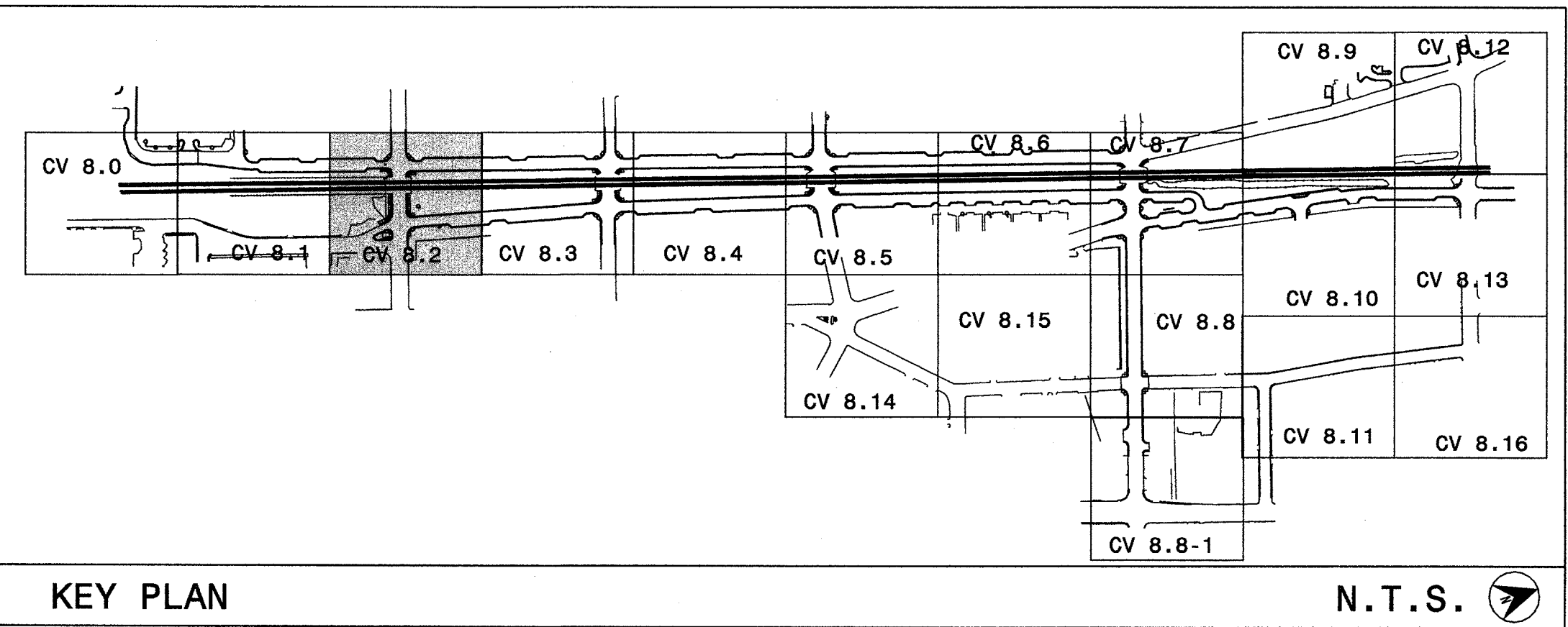
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

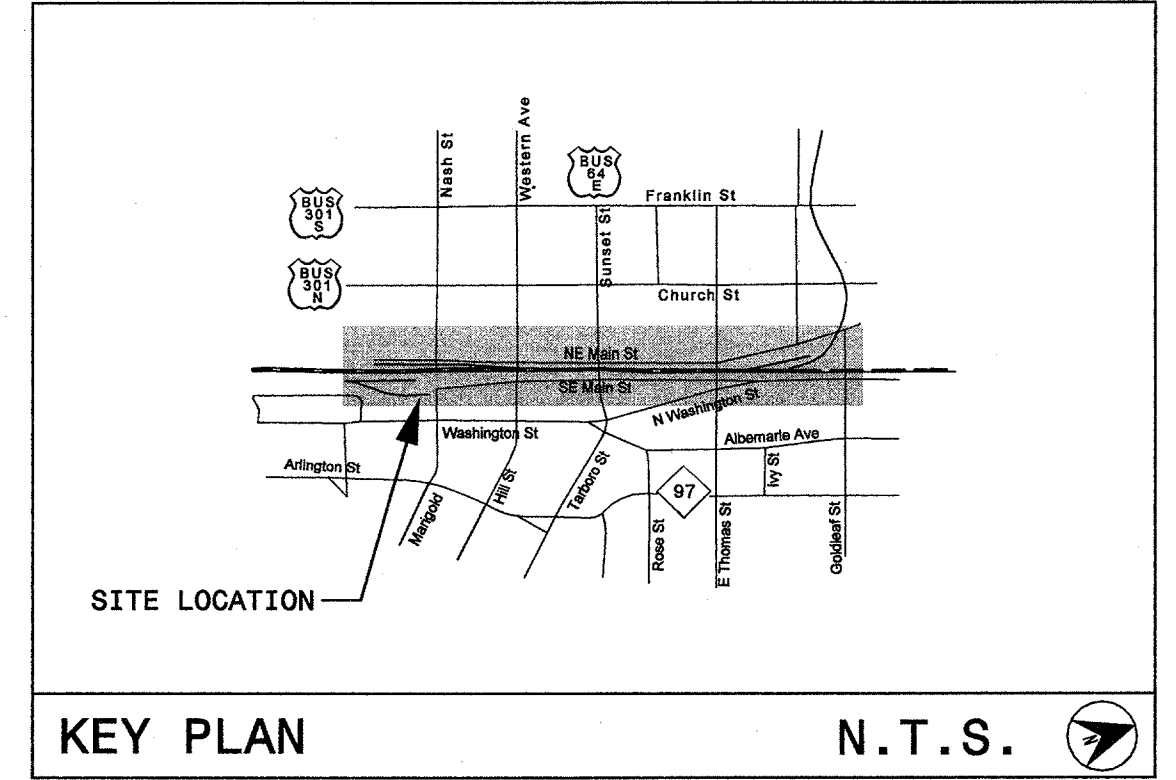
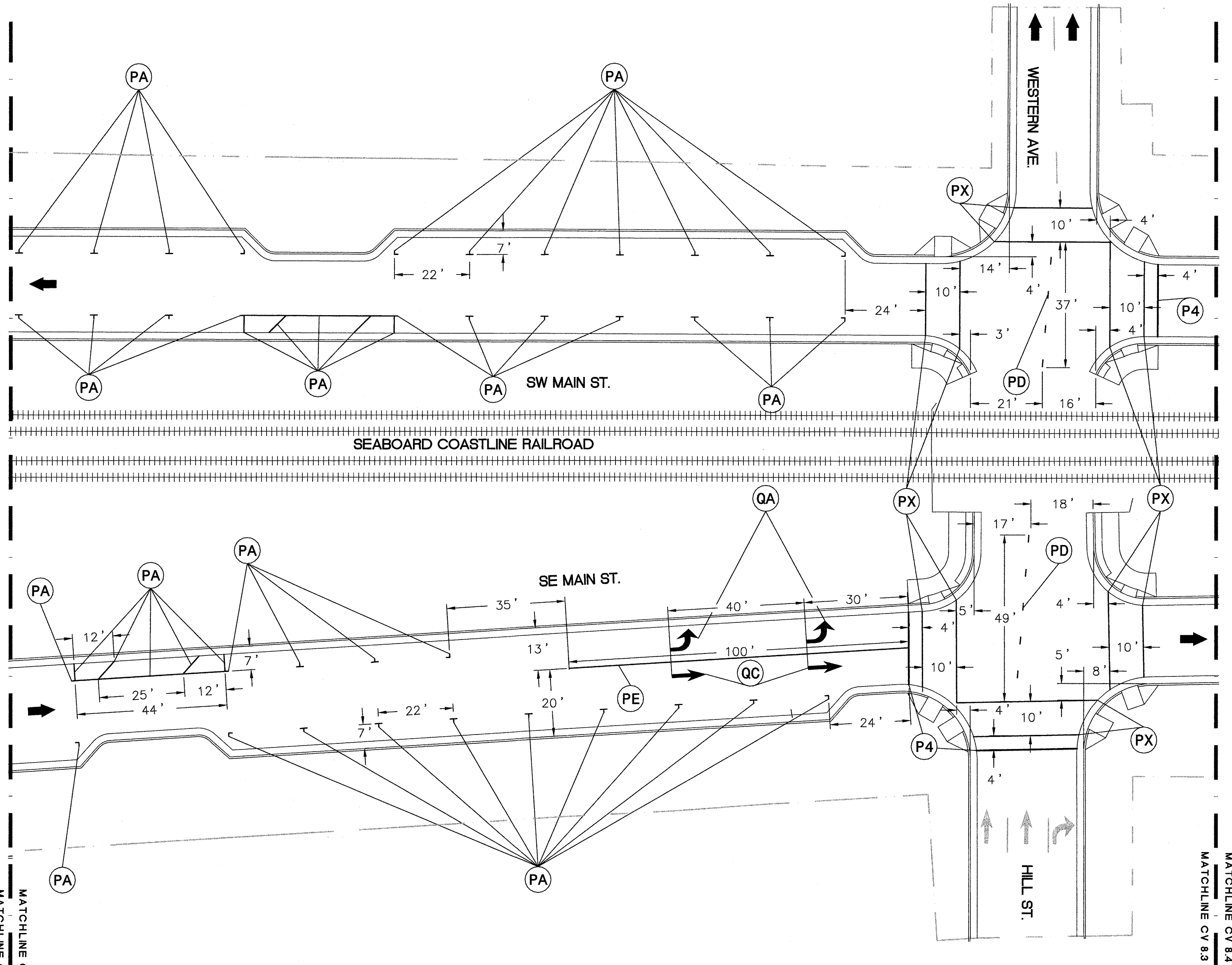
Prepared by: **HNTB** HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554



Signature: *Natasha M. Rodevick* 4-22-10
DATE: 04.22.10
SCALE: 1"=20'

CV 8.2

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
(PA) White Edgeline (4")	—
(PC) 10 ft. White Skip (4")	—
(PD) 2 ft. White Miniskip (4")	- -
(PE) White Solid Lane Line (4")	—
(PI) Yellow Double Center Line (4")	—
(PG) 2 ft. Yellow Miniskip (4")	- -
(PX) White Crosswalk (8")	—
(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↷
(QD) Combo Straight & Left Turn Arrow	↶↷
(QE) Combo Straight & Right Turn Arrow	↷↷
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	—
Direction of Traffic Flow	➔



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

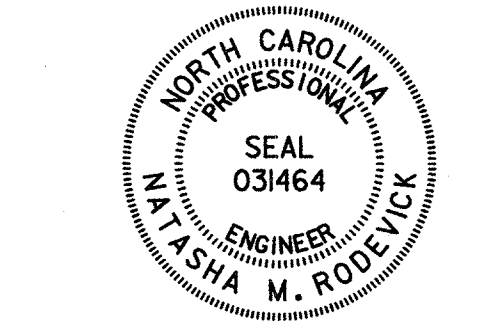
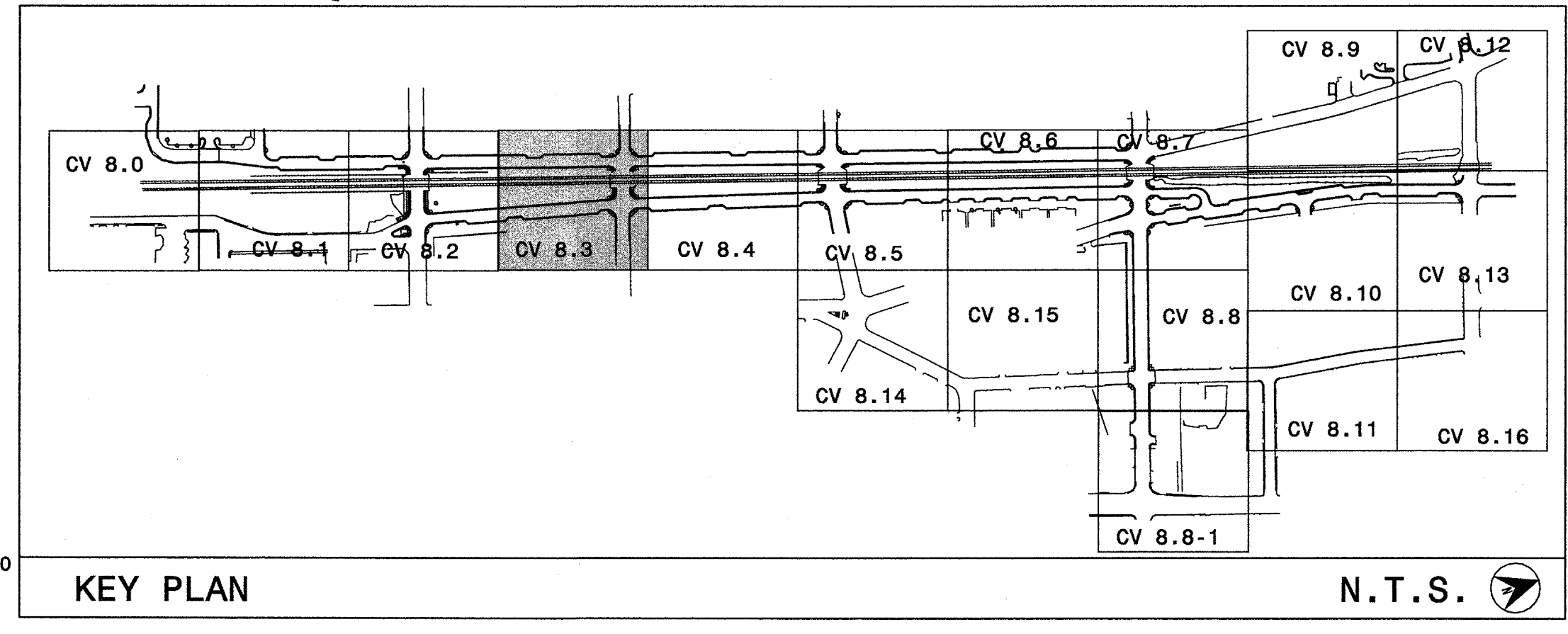
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
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1205.05	PAVEMENT MARKINGS - TURN LANES
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

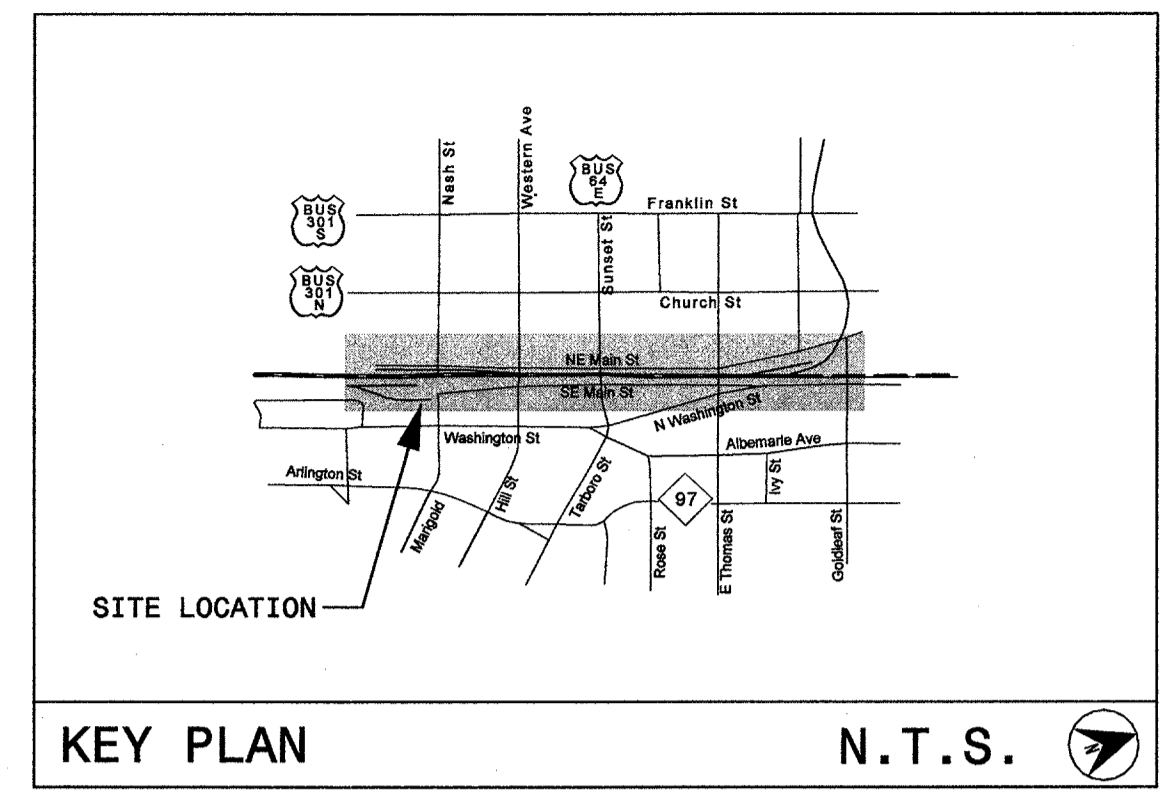
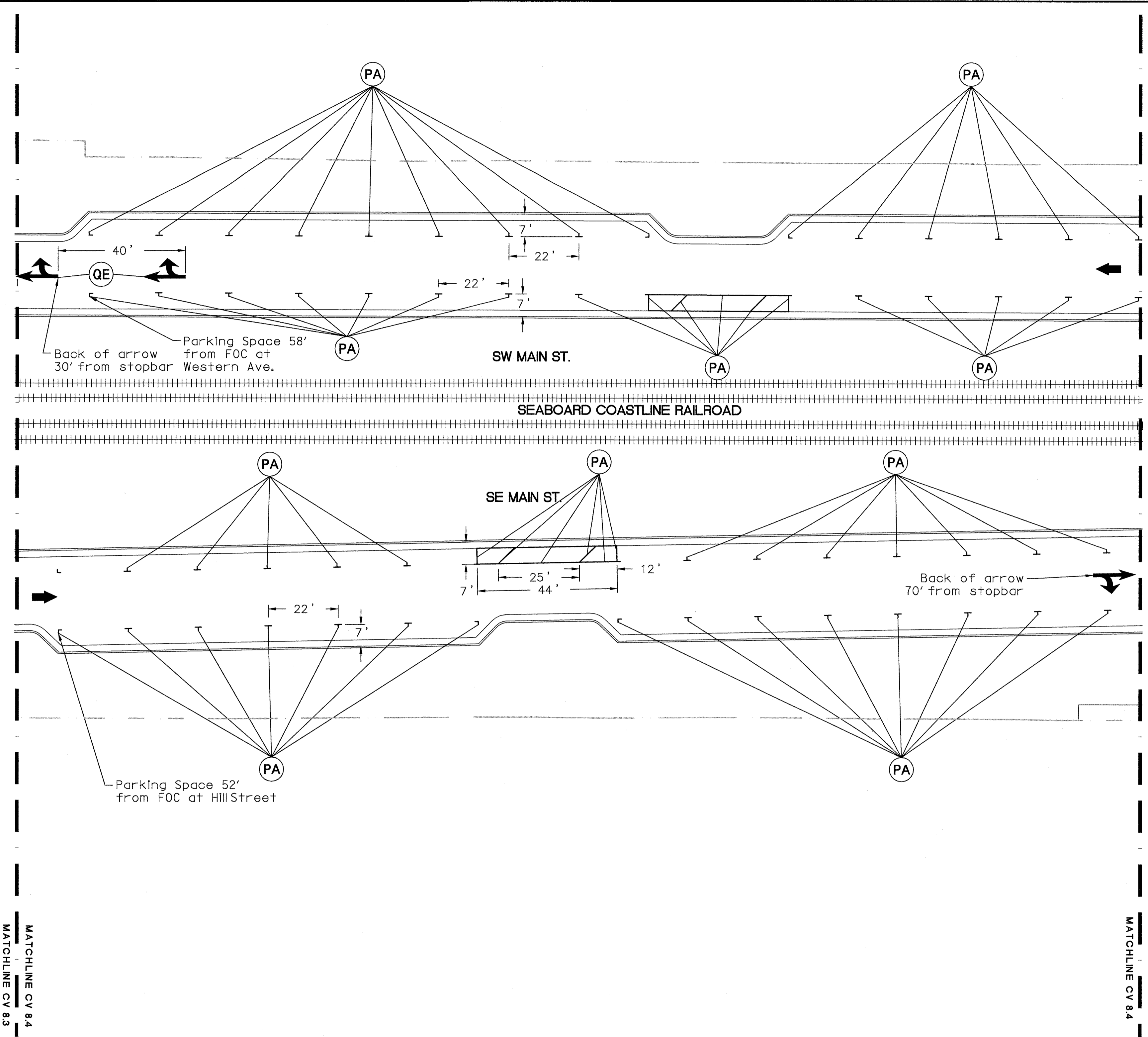
Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



Natasha M. Rodevick 4-22-10
 SIGNATURE DATE
 SCALE: 1"=20'
 NORTH ARROW

CV 8.3

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 Cole Jenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

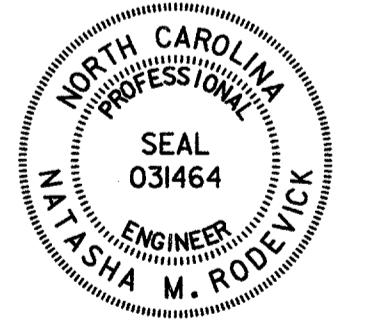
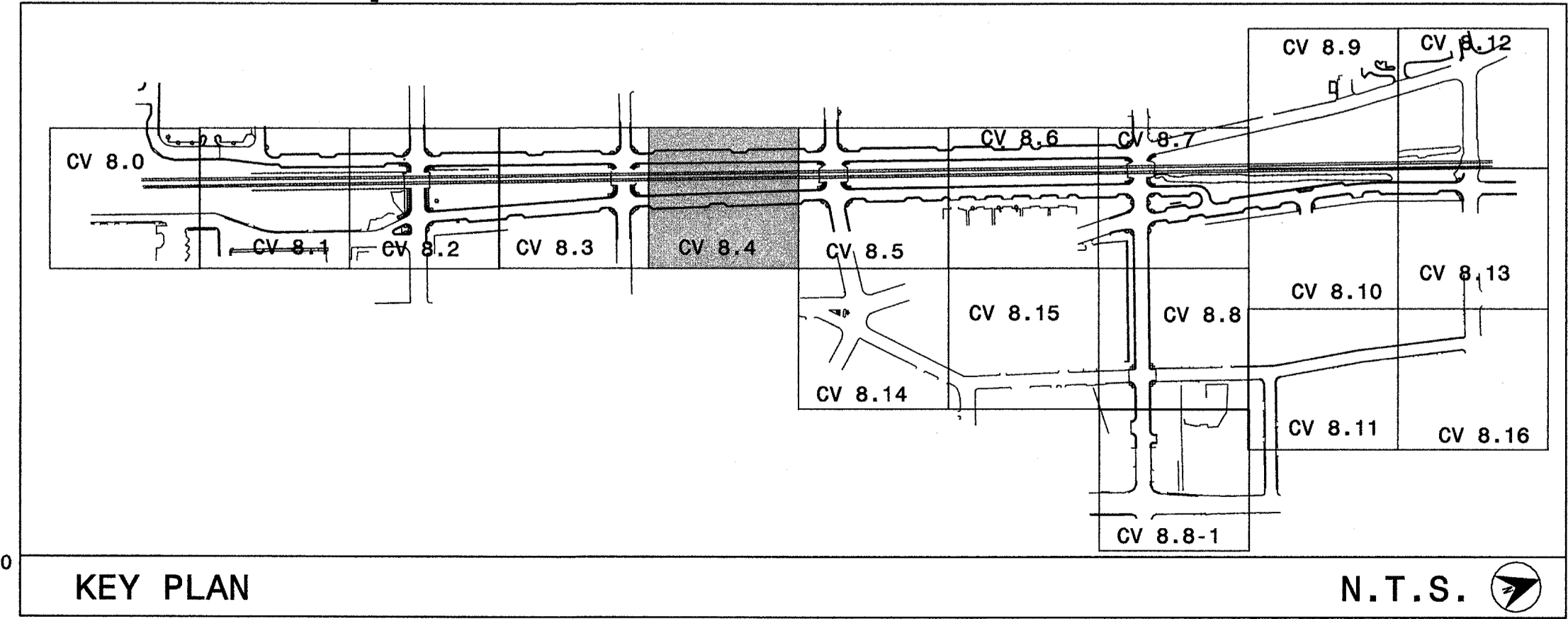
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

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1205.05	PAVEMENT MARKINGS - TURN LANES
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

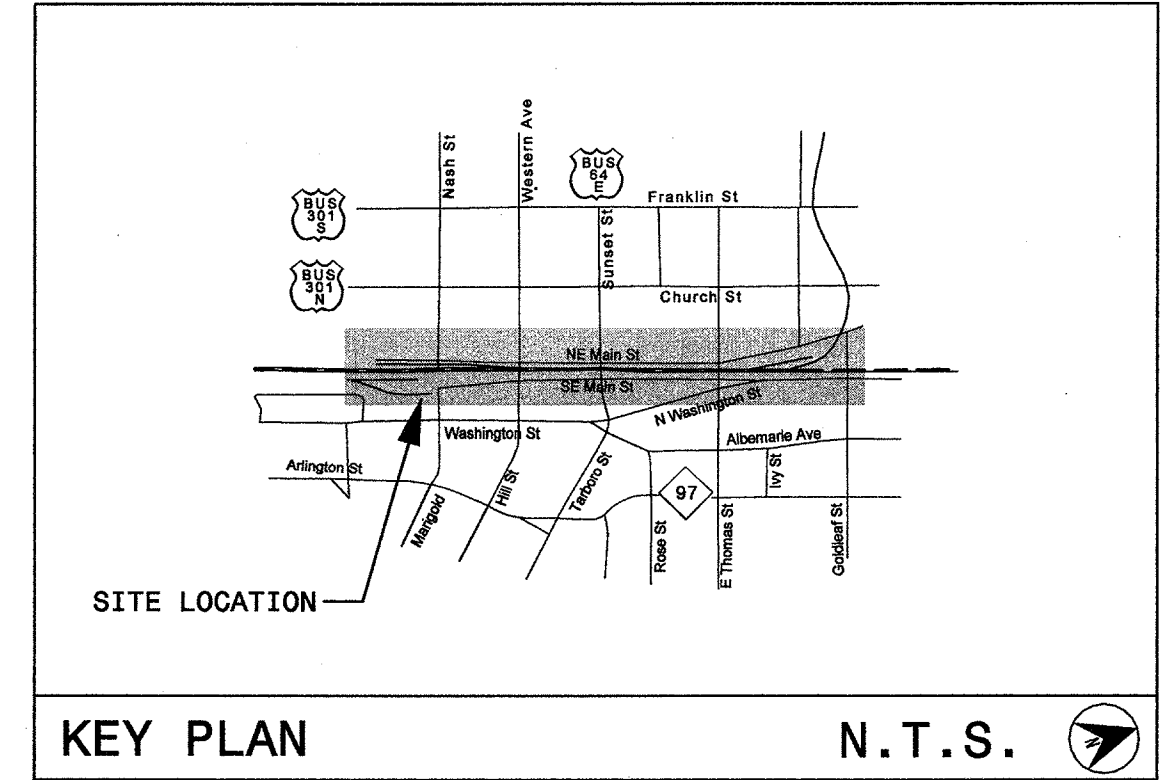
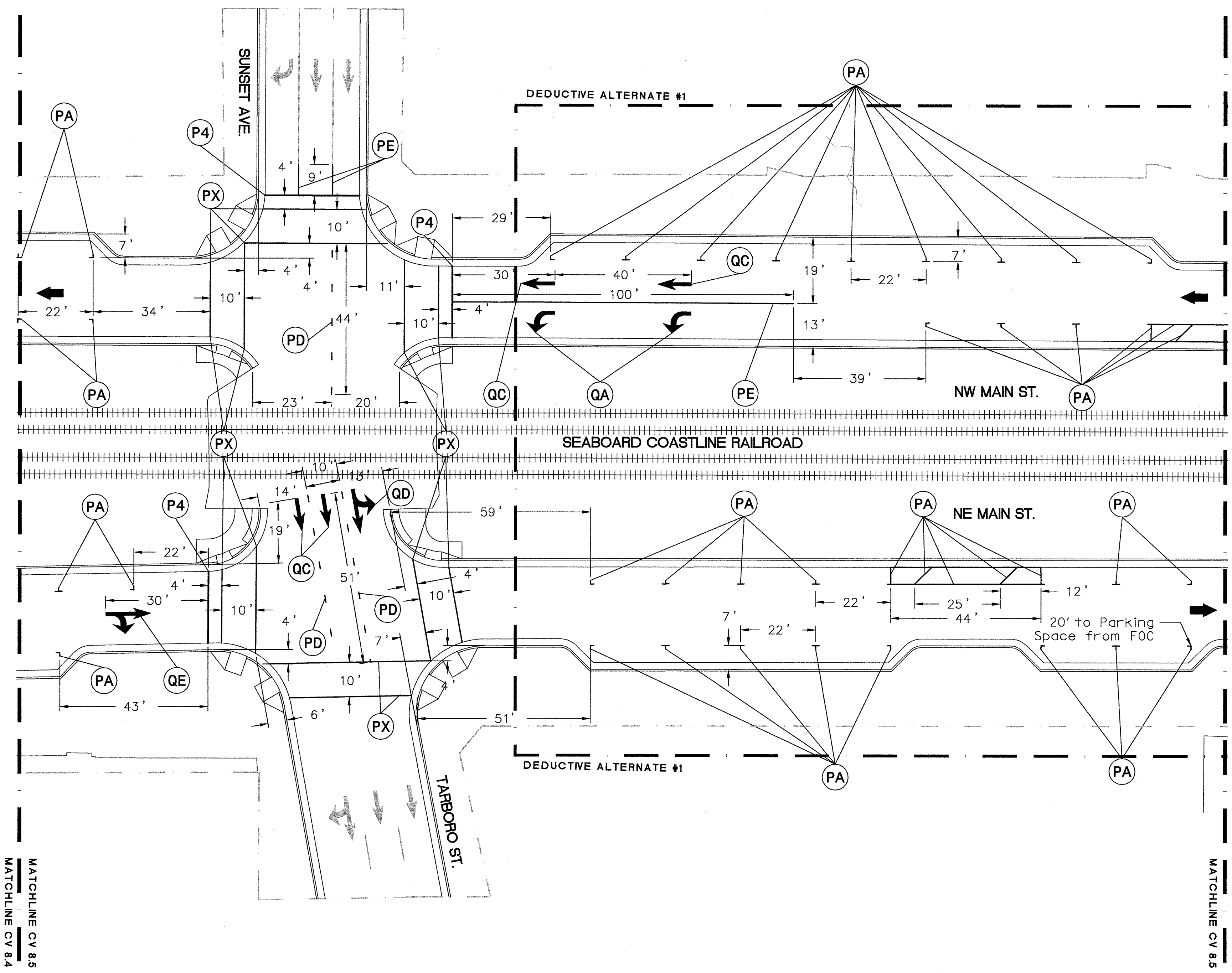
Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



Signature: *Natasha M. Rodejick* 4-22-10
 DATE: 4-22-10
 SCALE: 1"=20'
 N.T.S.

CV 8.4

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	→↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	↓



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

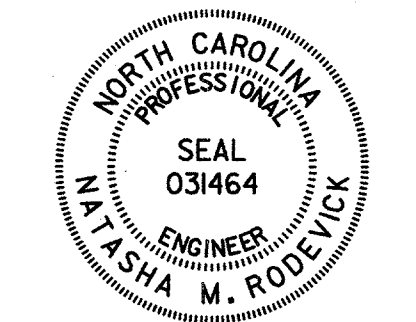
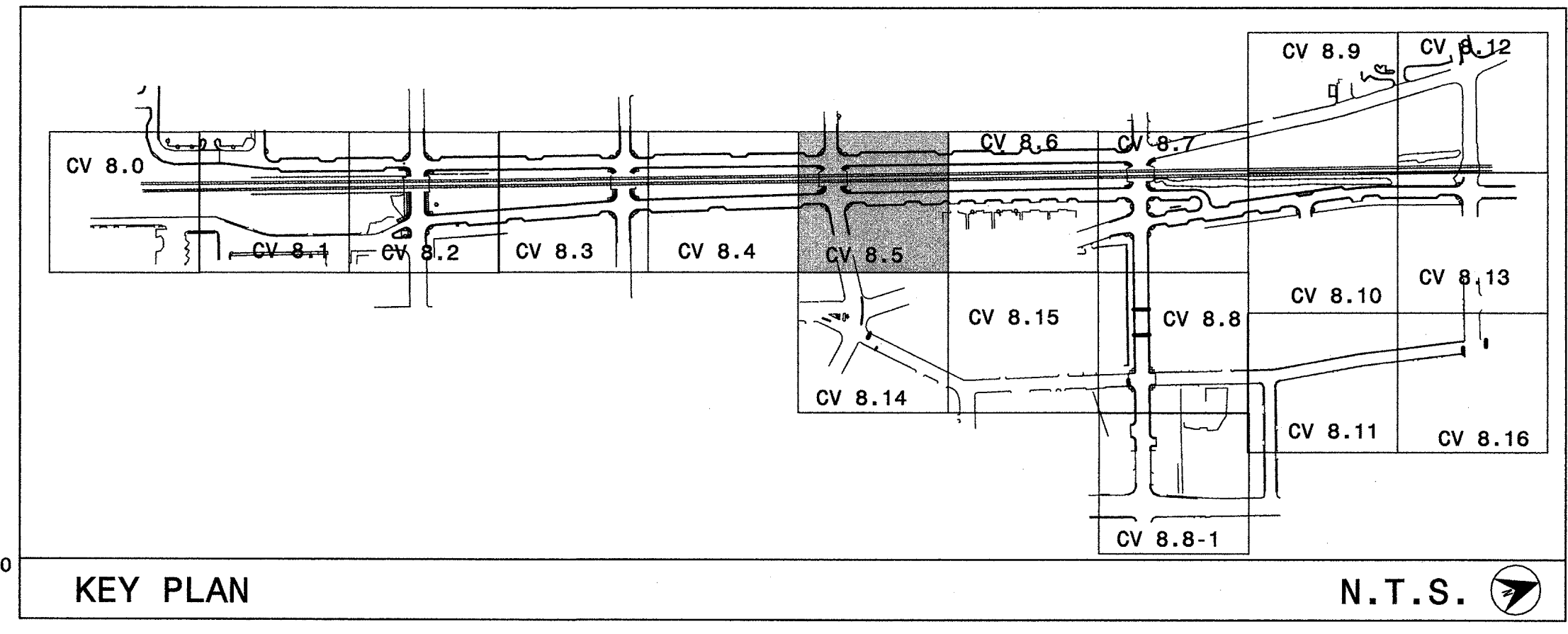
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

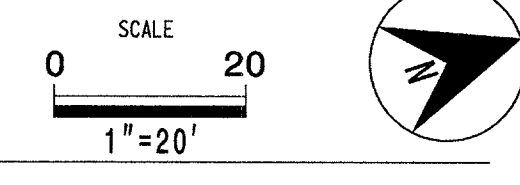
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1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

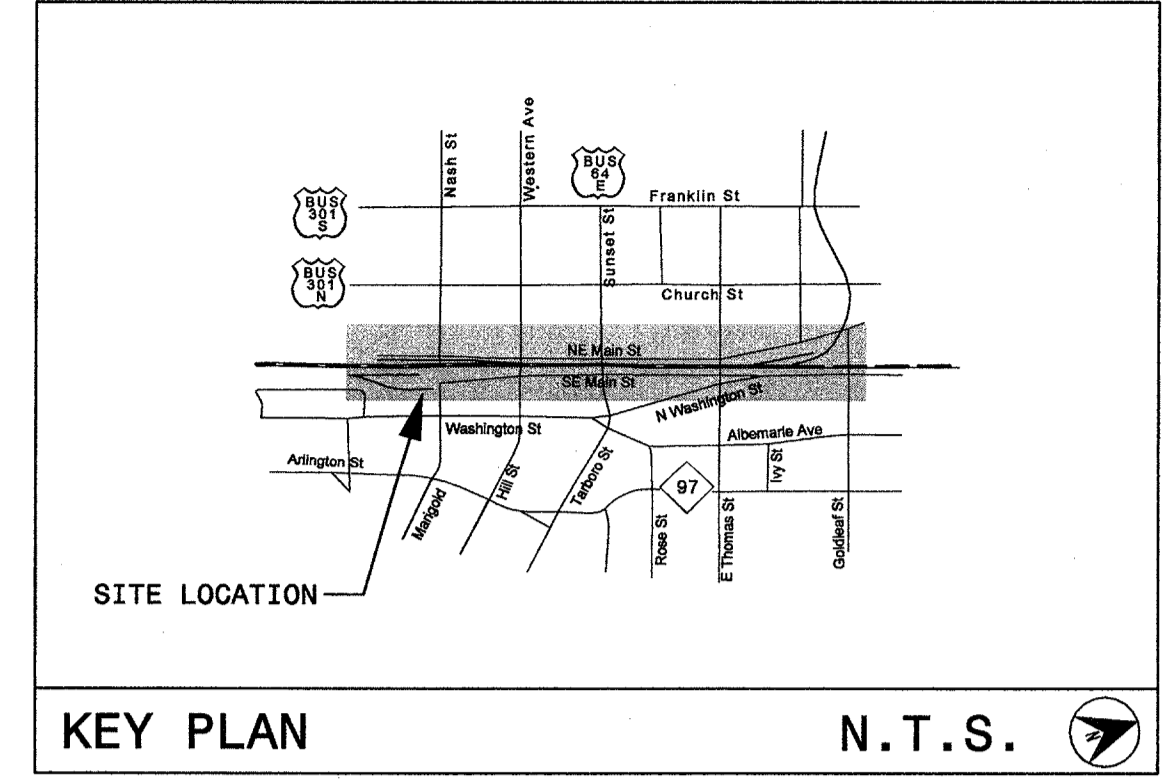
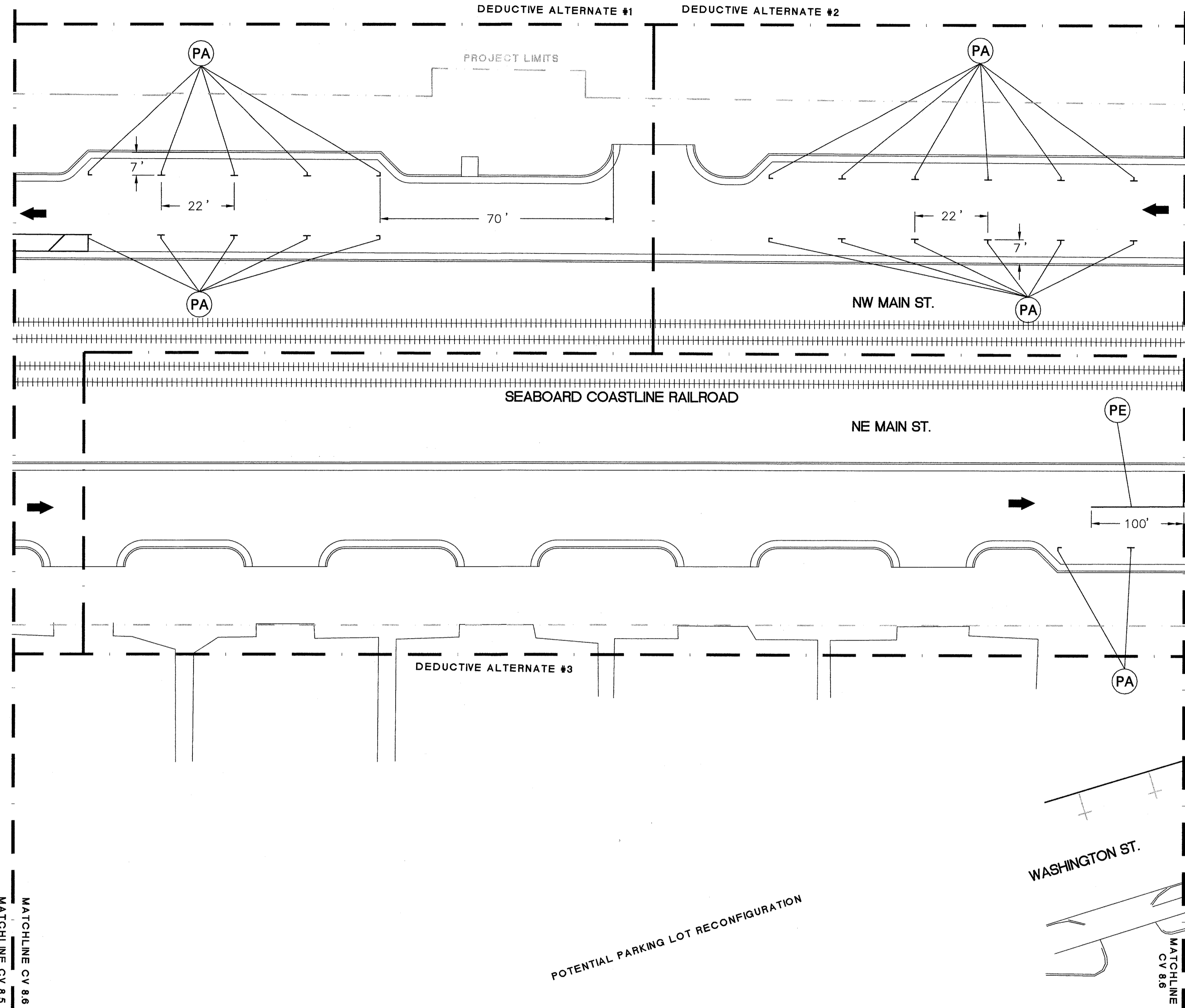


Natasha Rodevick
SIGNATURE DATE 4.22.10



CV 8.5

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

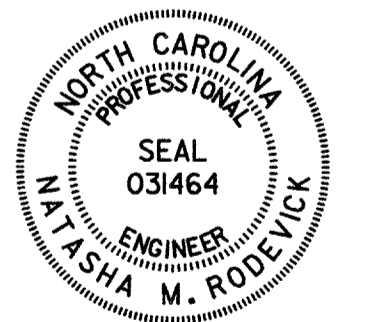
PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

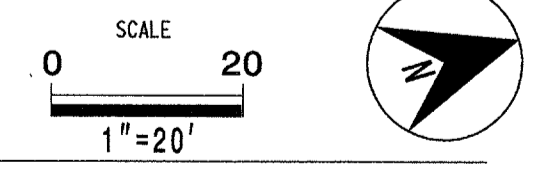
ISSUED: 04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Roddy* DATE: 4.22.10



CV 8.6

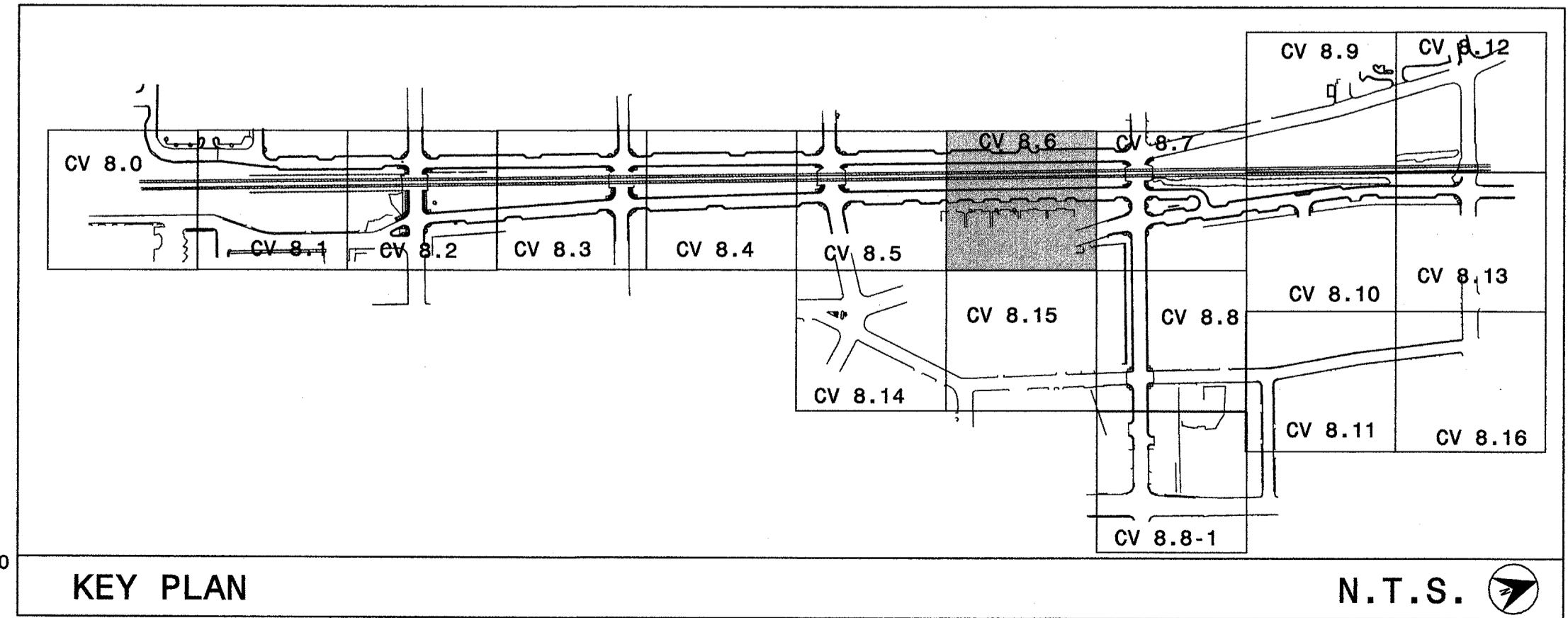
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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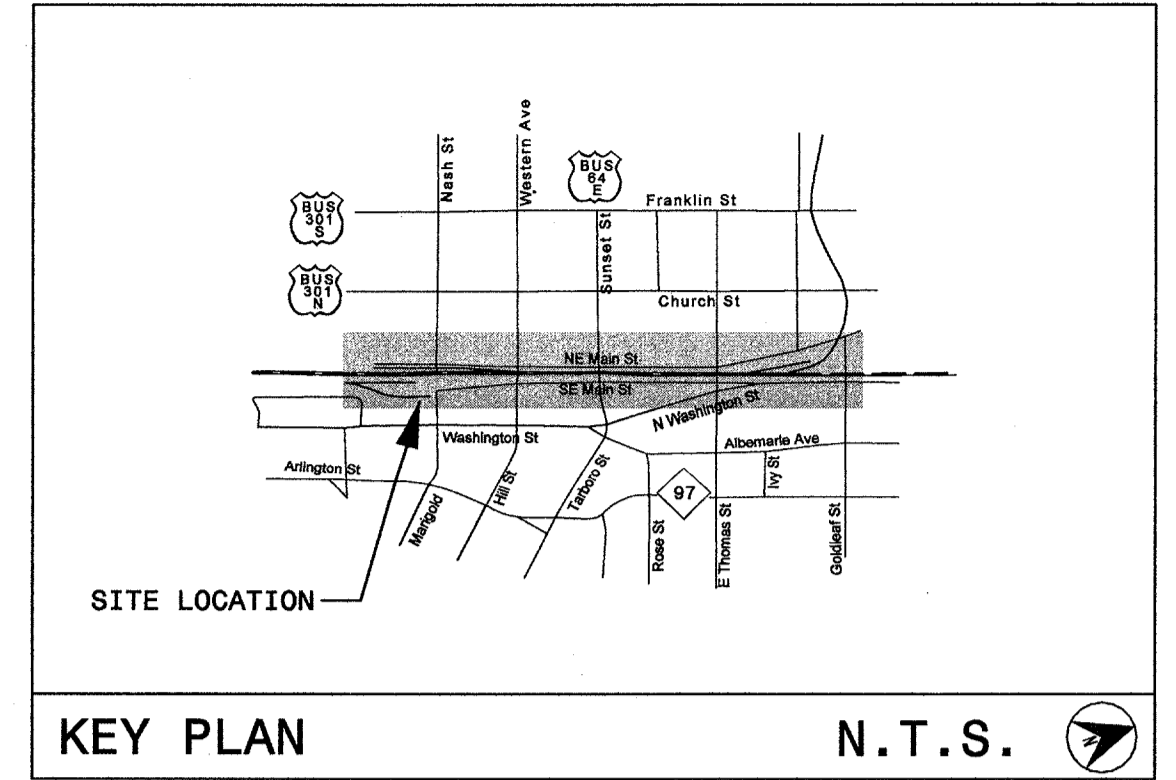
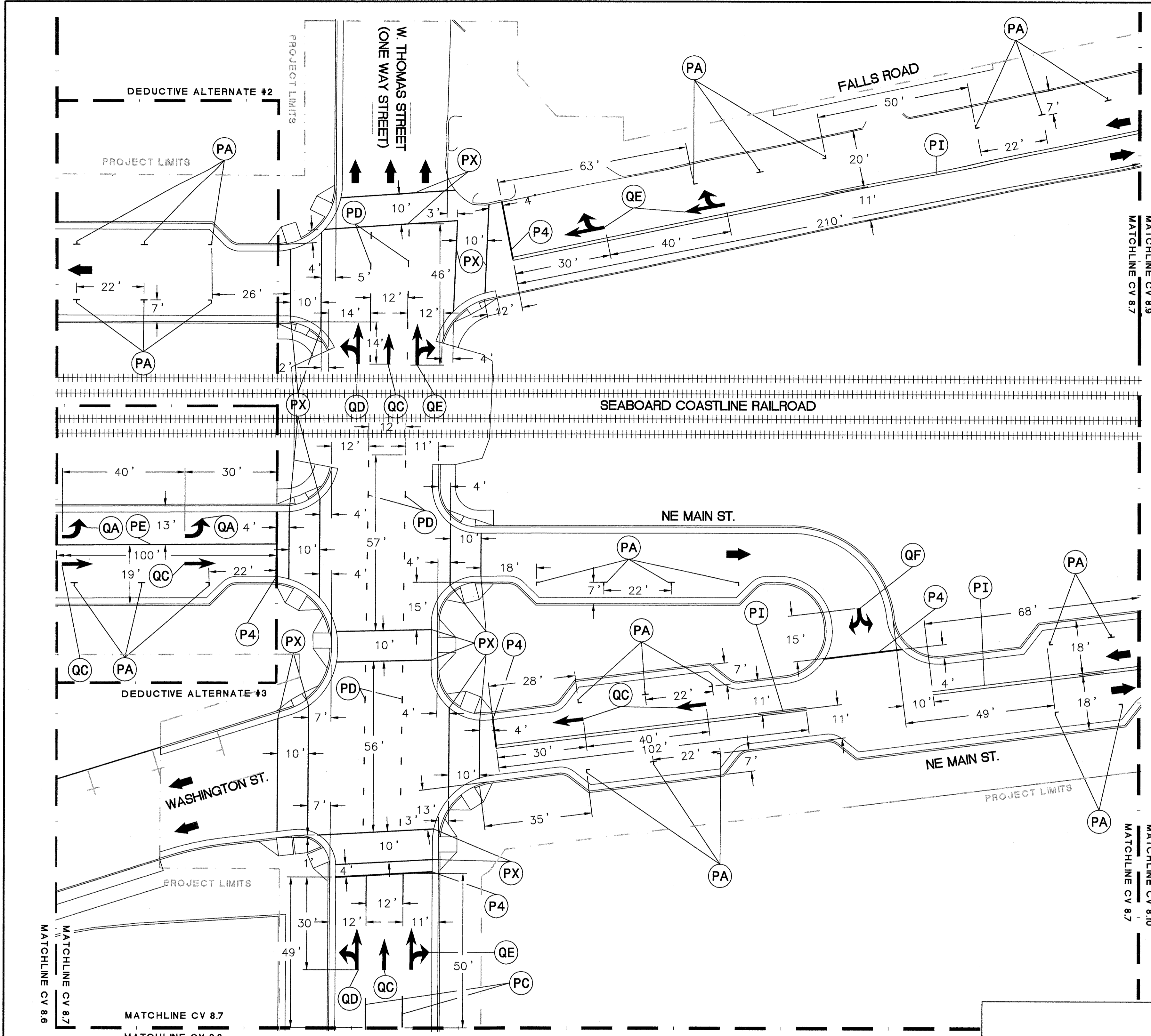
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
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1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by: **HNTB**
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



KEY PLAN

N.T.S.



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↷
QD Combo Straight & Left Turn Arrow	↶↷
QE Combo Straight & Right Turn Arrow	↷↶
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character	—
Direction of Traffic Flow	➔



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

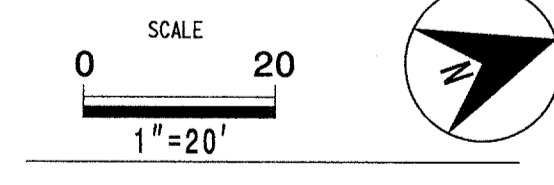
ISSUED:
04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Roddy* DATE: 4.22.10



CV 8.7

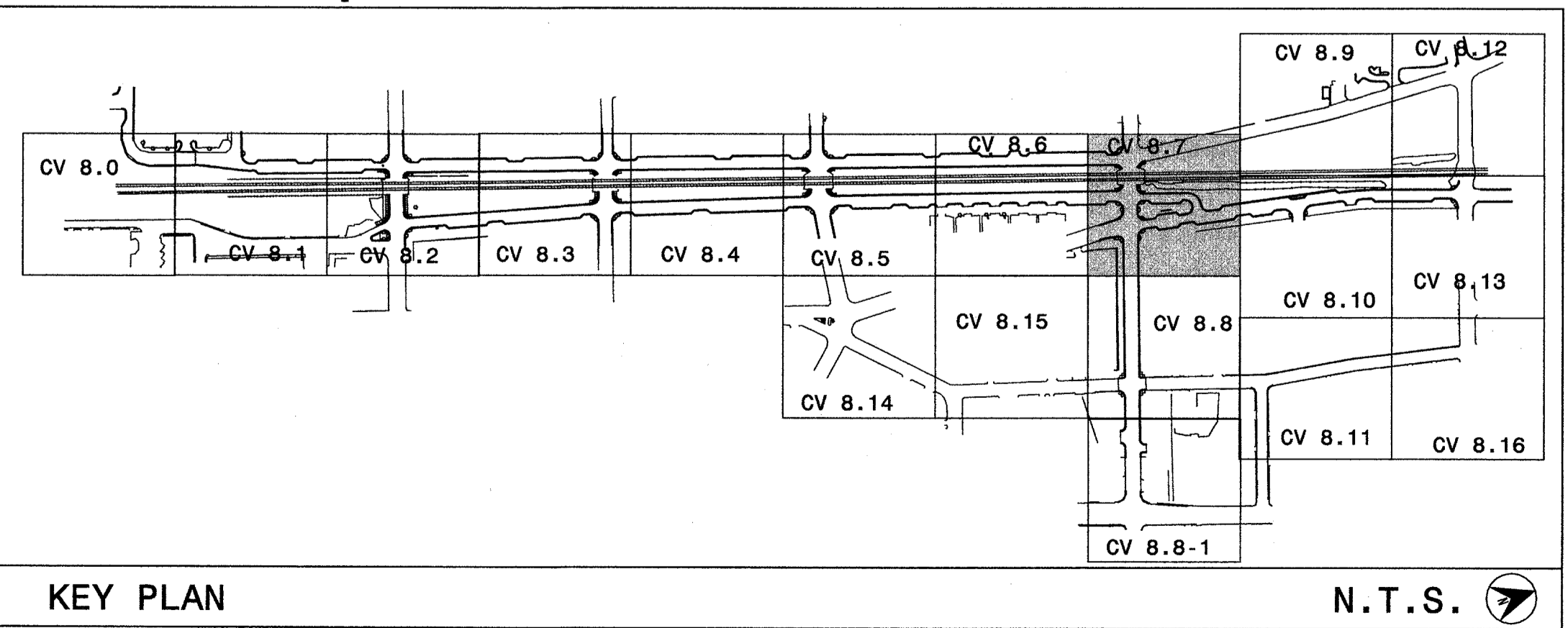
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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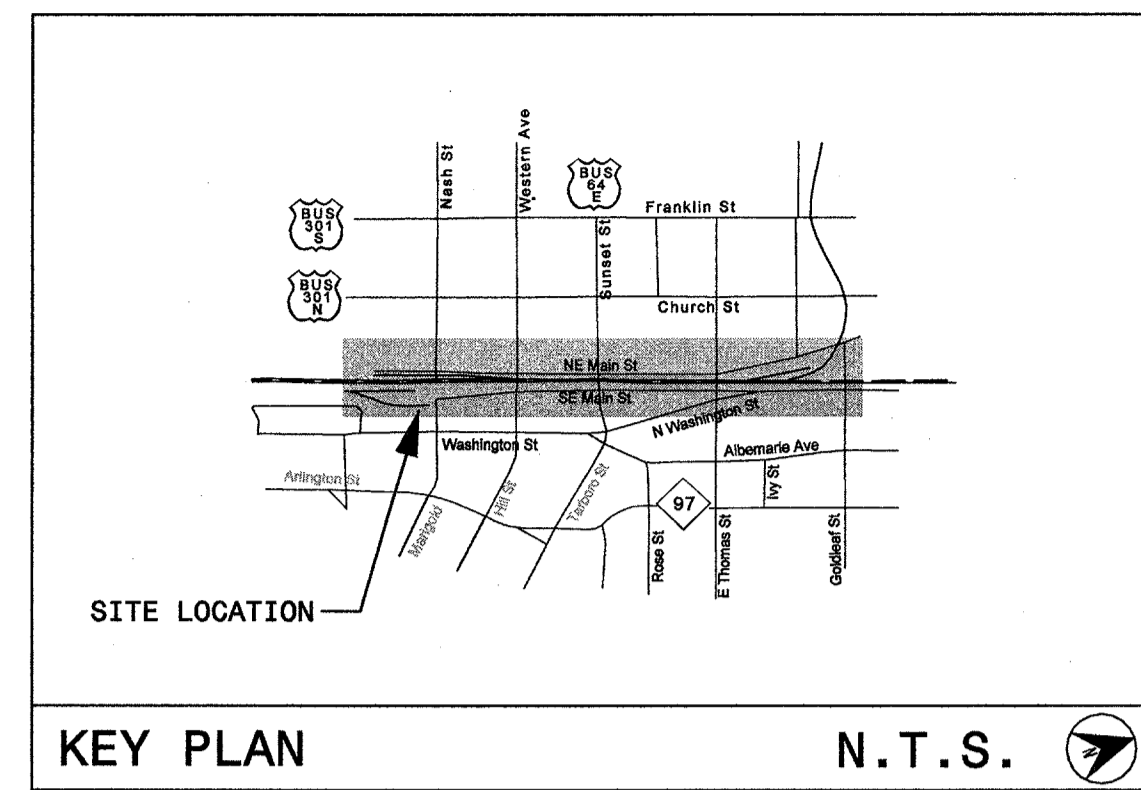
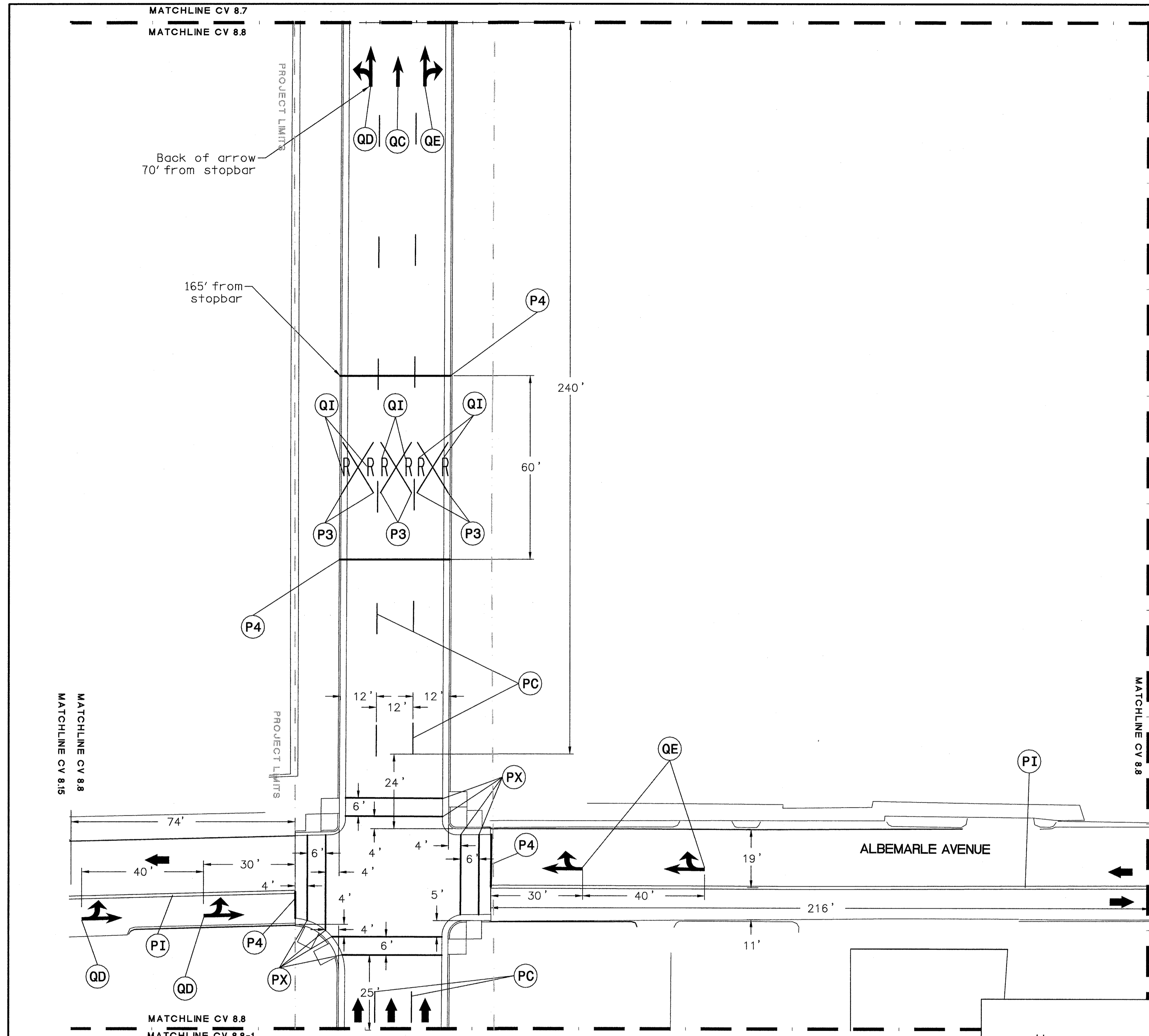
STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
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1205.05	PAVEMENT MARKINGS - TURN LANES
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554



KEY PLAN

N.T.S.



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
(PA) White Edgeline (4")	————
(PC) 10 ft. White Skip (4")	— — — —
(PD) 2 ft. White Miniskip (4")	- - - -
(PE) White Solid Lane Line (4")	————
(PI) Yellow Double Center Line (4")	=====
(PG) 2 ft. Yellow Miniskip (4")	- - - -
(PX) White Crosswalk (8")	————
(P3) White Line for Railroad Crossbuck (16")	————
(P4) White Stop Bar (24")	————
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↑
(QD) Combo Straight & Left Turn Arrow	↶↑
(QE) Combo Straight & Right Turn Arrow	↑↷
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

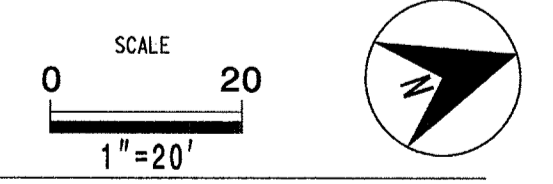
PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219
 ISSUED: 04.22.10
 REVISED: # COMMENTS:

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Signature: *Natasha M. Roldan* DATE: 4-22-10

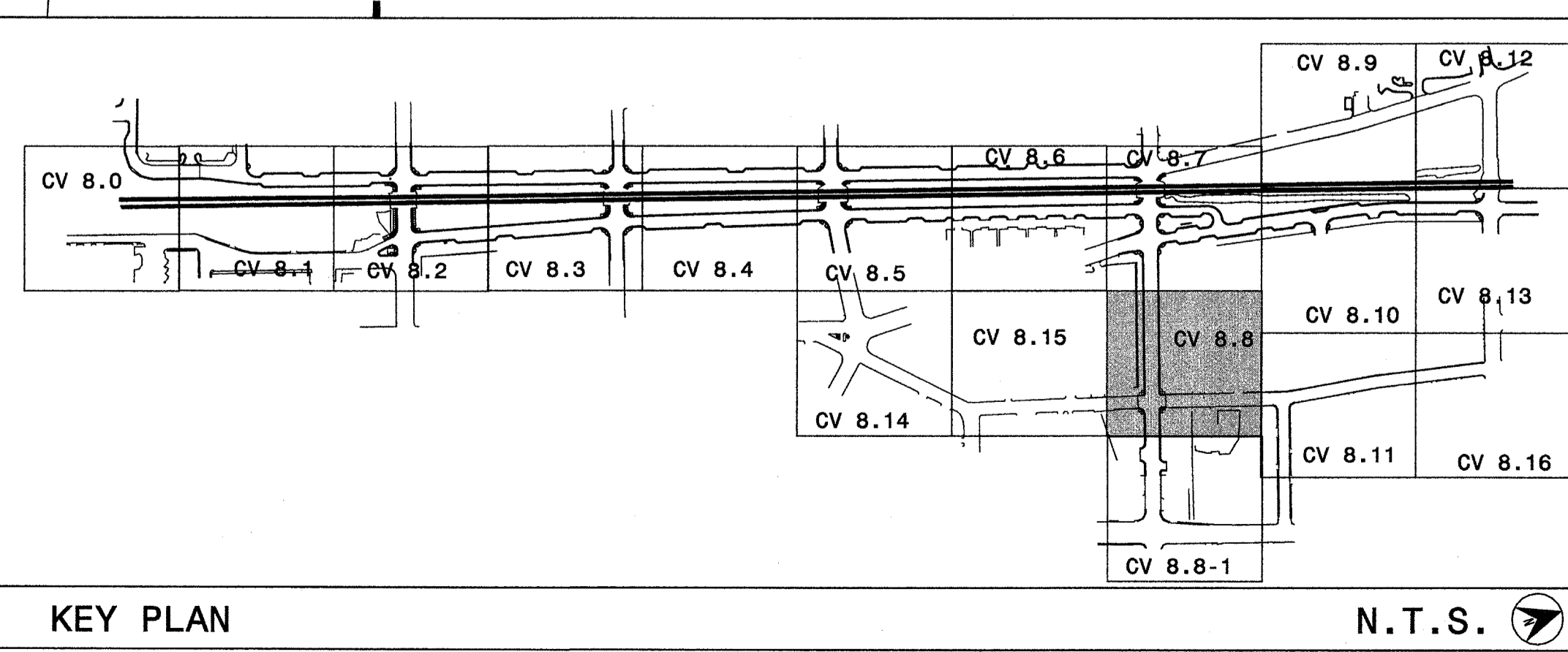


2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

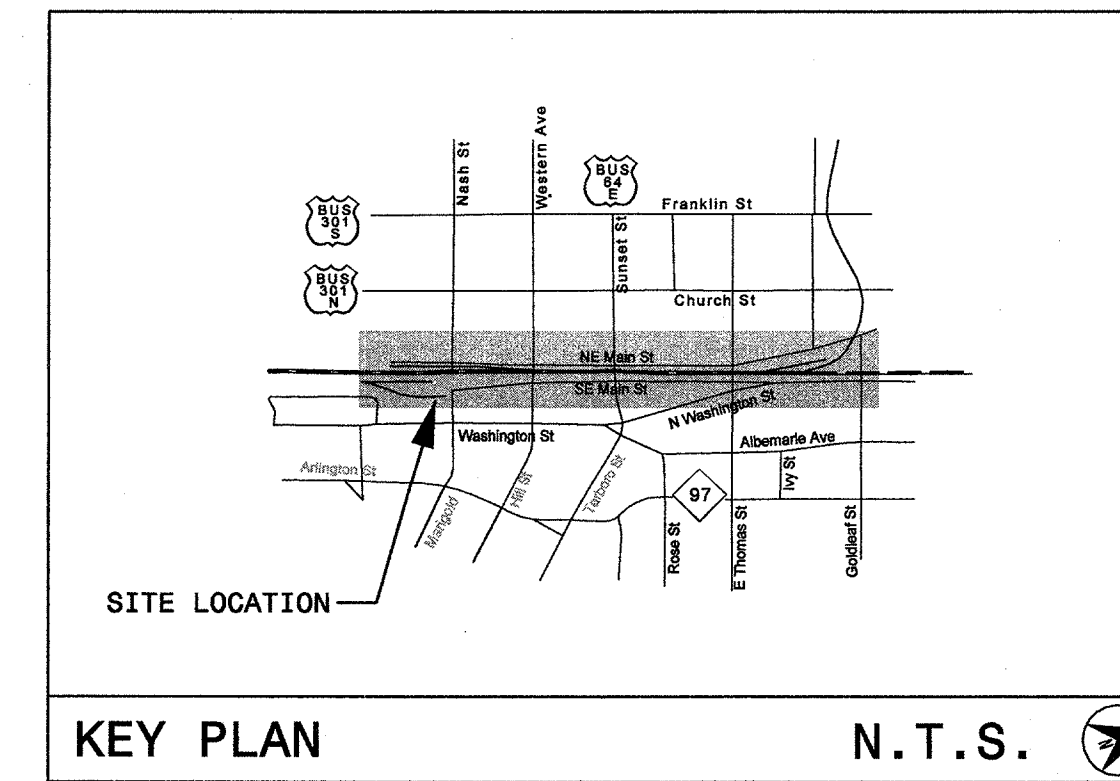
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1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

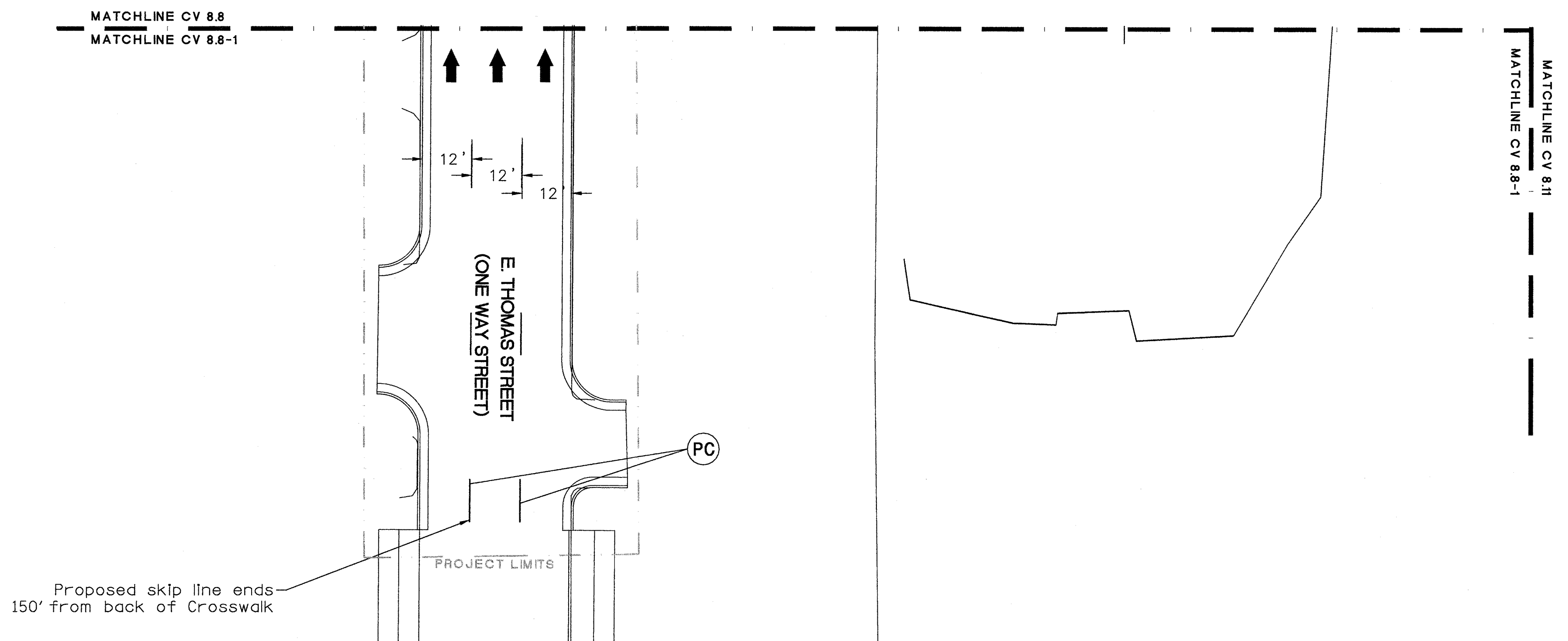


CV 8.8
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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
PA White Edgeline (4")	—
PC 10 ft. White Skip (4")	—
PD 2 ft. White Miniskip (4")	- -
PE White Solid Lane Line (4")	—
PI Yellow Double Center Line (4")	—
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



Proposed skip line ends 150' from back of Crosswalk



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

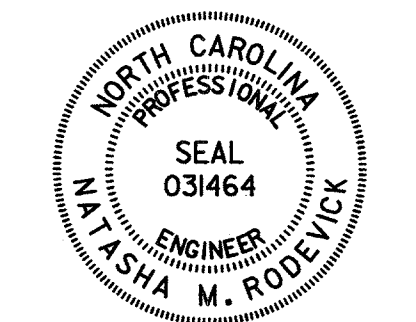
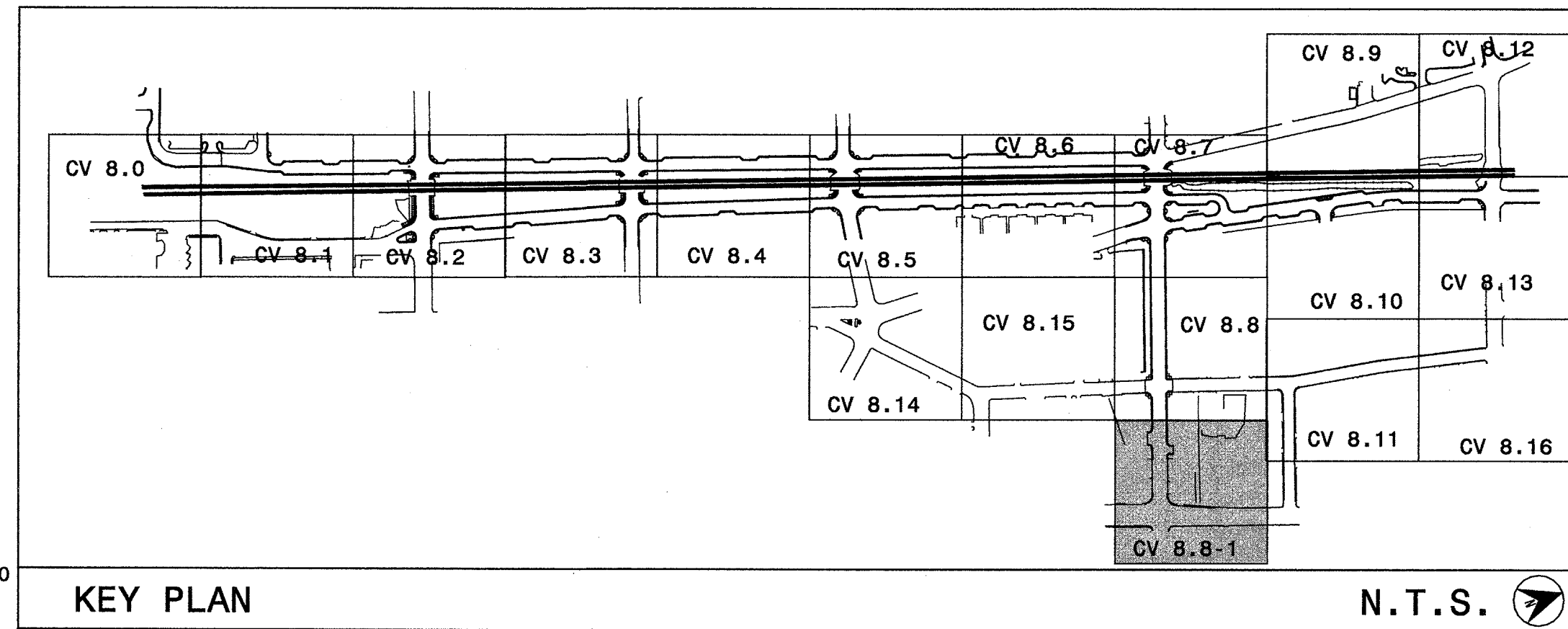
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

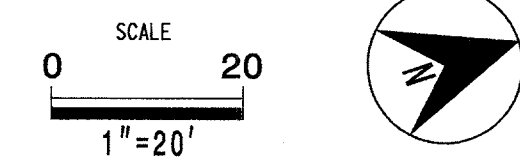
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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Raleigh, North Carolina 27609
NC License No: C-1554

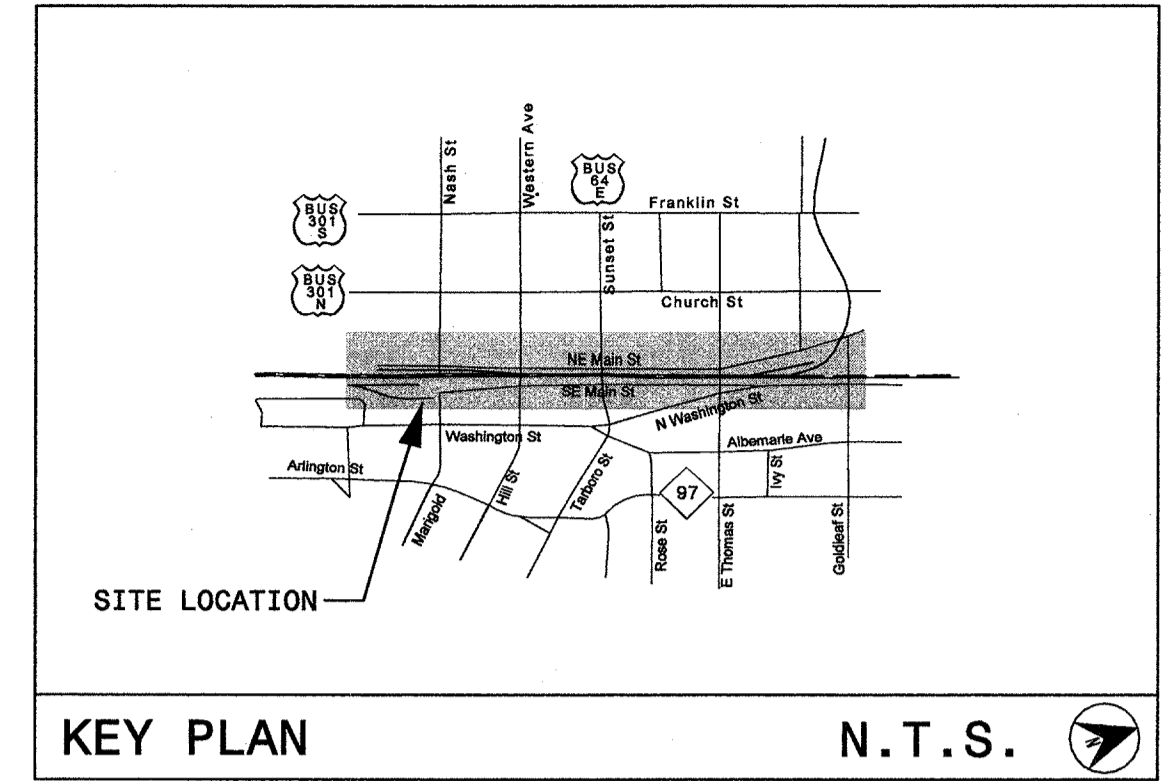
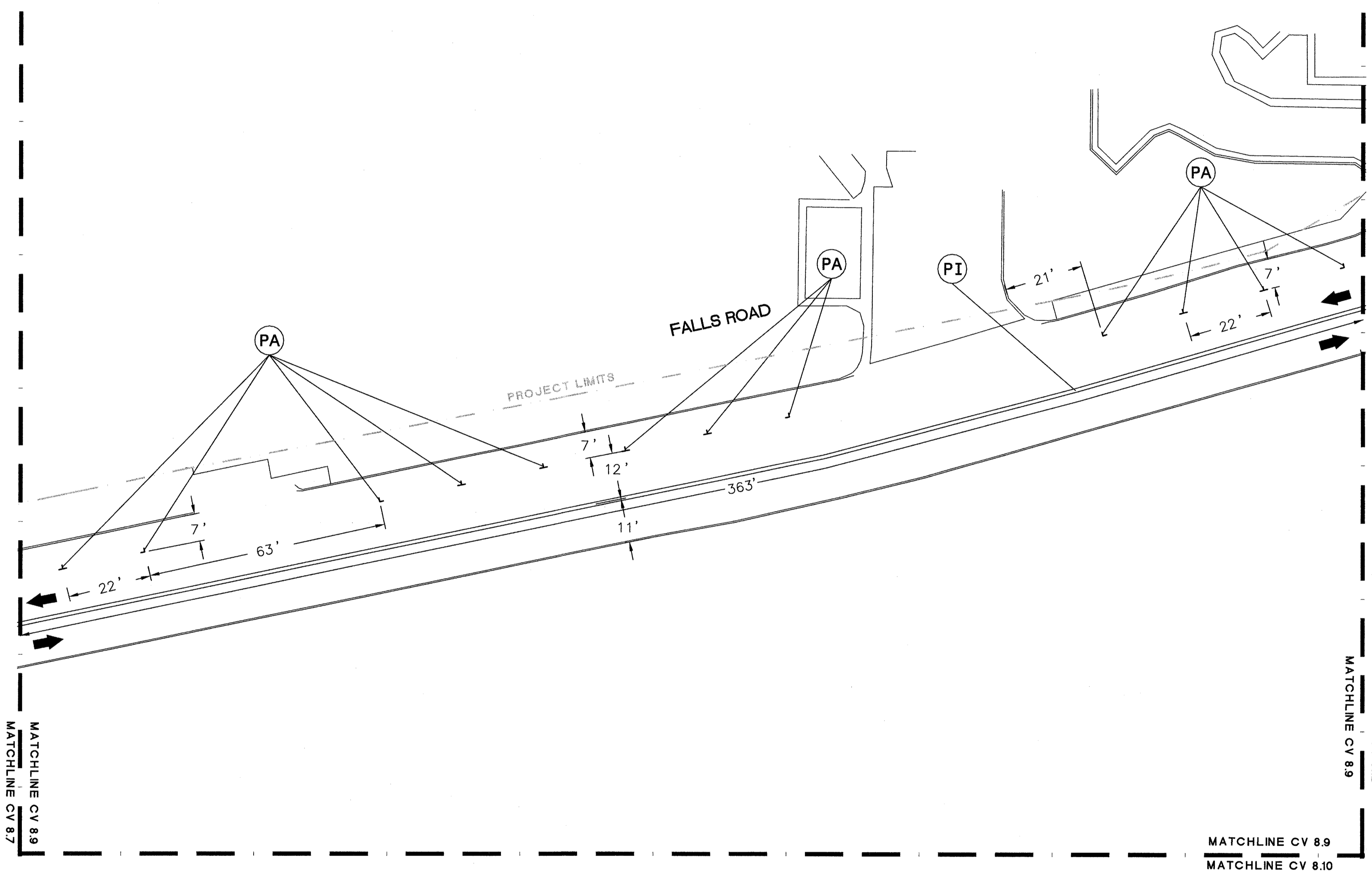


Signature: *Natasha M. Rodrick* DATE: 4.22.10



CV 8.8-1

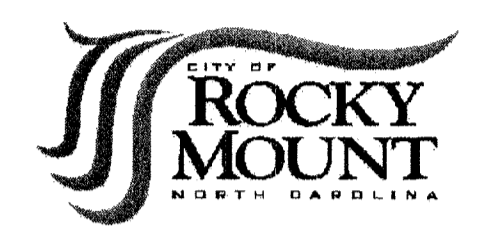
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LEGEND

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PX White Crosswalk (8")	—
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P4 White Stop Bar (24")	—
QA Left Turn Arrow	↶
QB Right Turn Arrow	↷
QC Straight Arrow	→
QD Combo Straight & Left Turn Arrow	↶→
QE Combo Straight & Right Turn Arrow	→↷
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

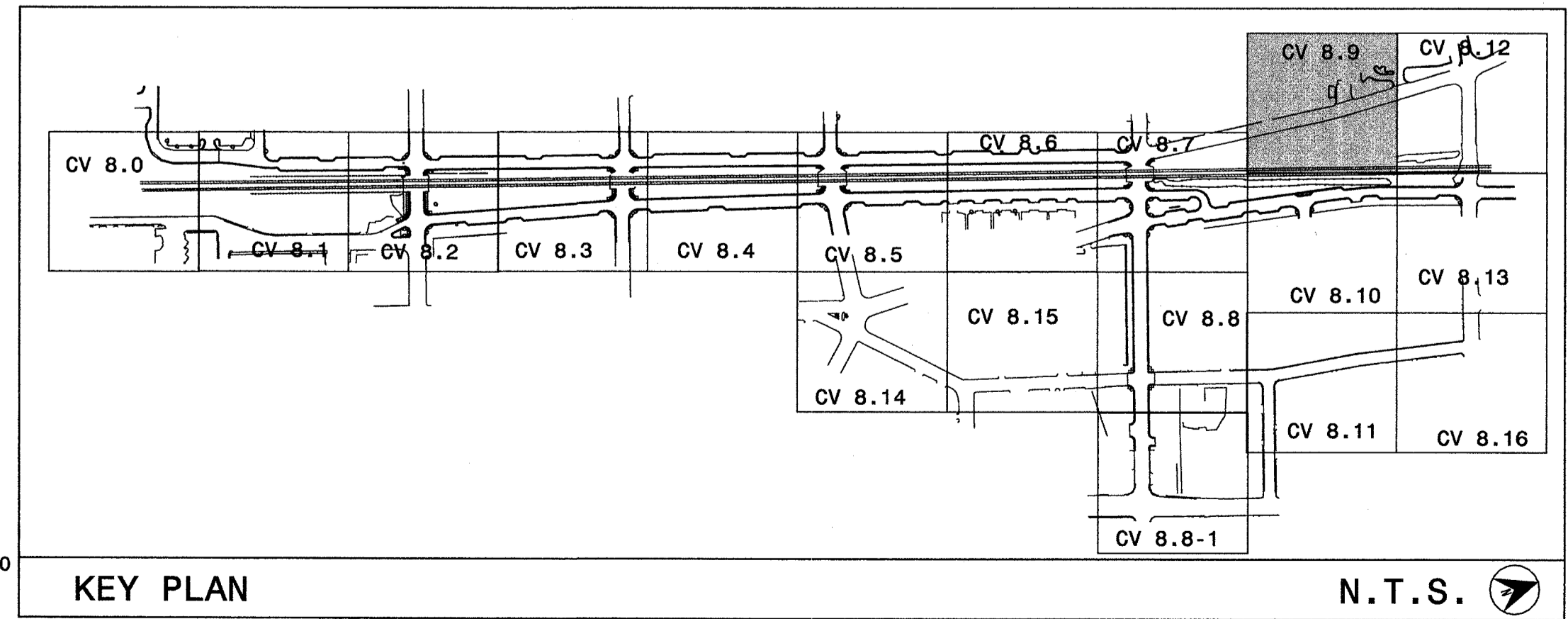
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

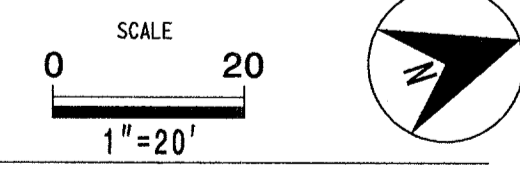
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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Raleigh, North Carolina 27609
NC License No: C-1554

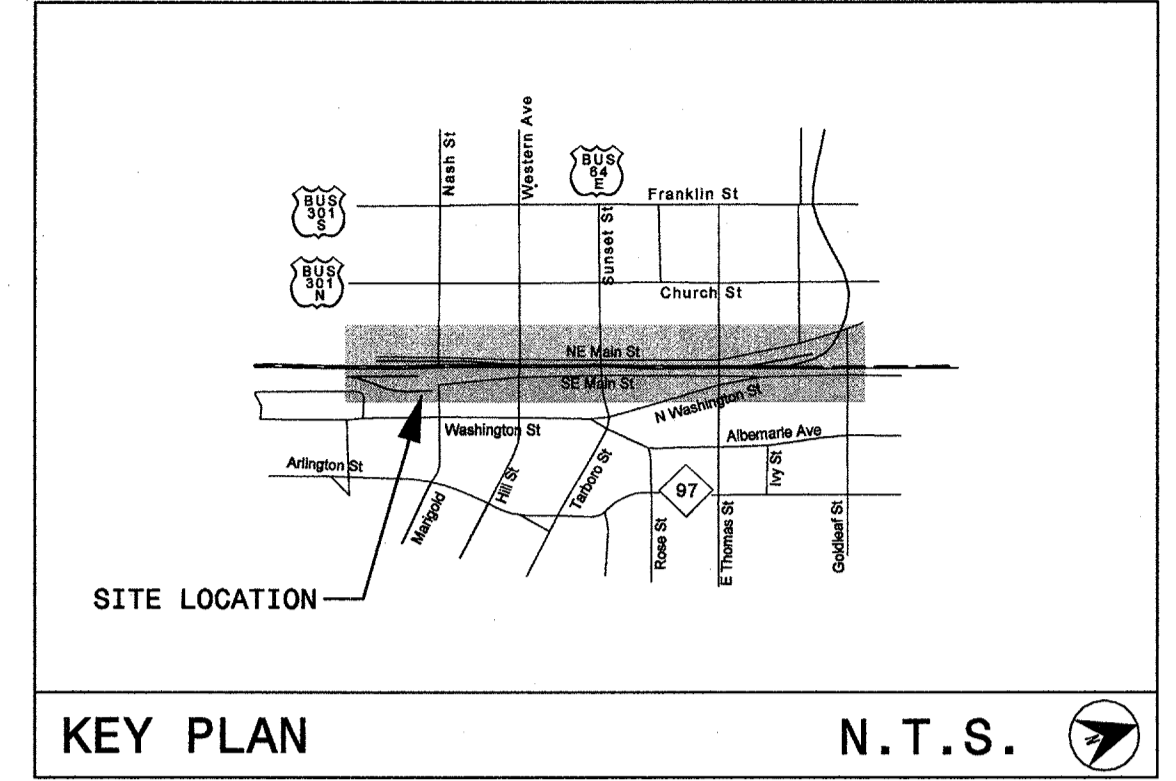
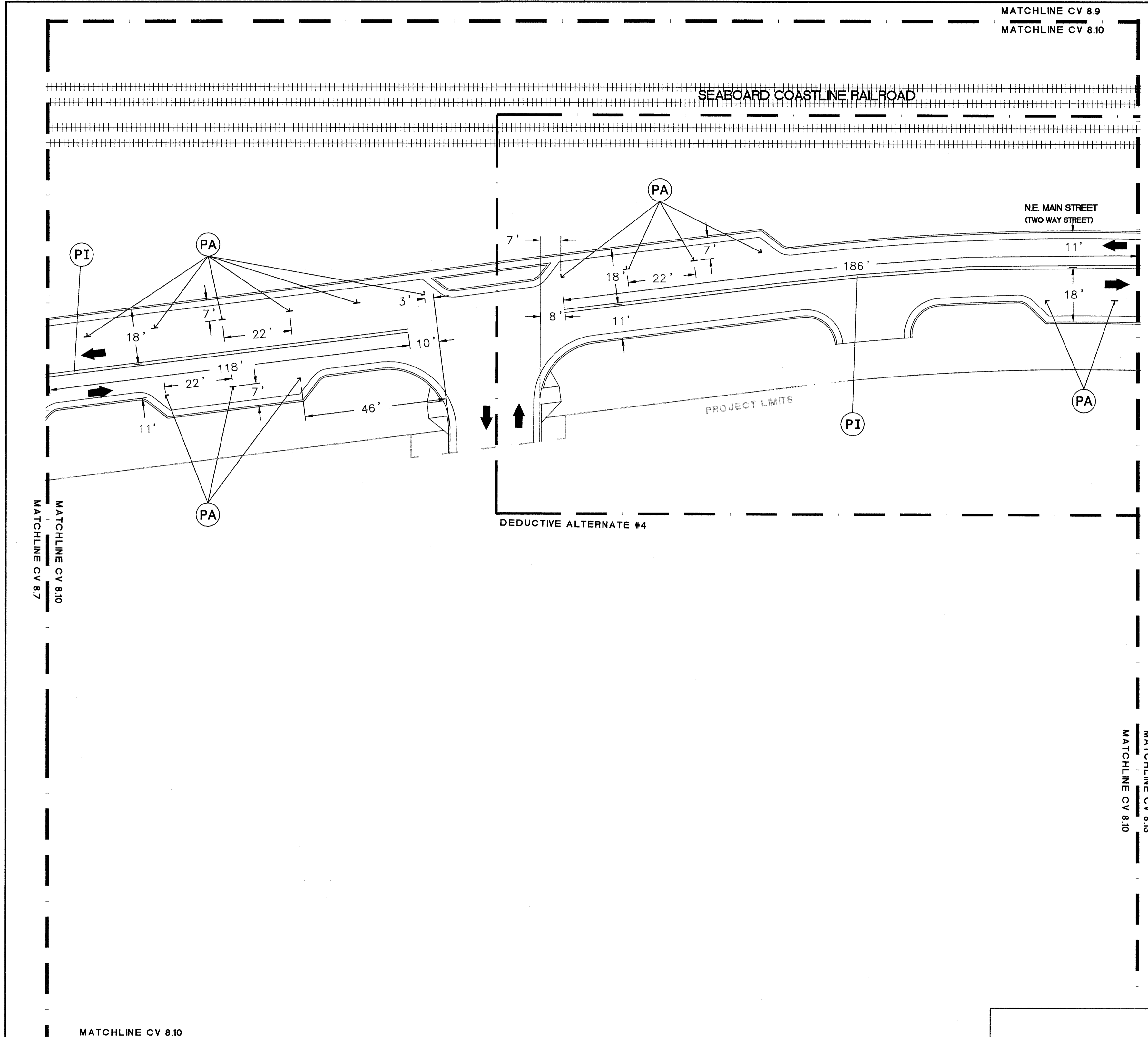


Signature: *Natasha M. Rodewick* DATE: 4-22-10



CV 8.9

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KEY PLAN N.T.S.

LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
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(PC) 10 ft. White Skip (4")	—
(PD) 2 ft. White Miniskip (4")	- -
(PE) White Solid Lane Line (4")	—
(PI) Yellow Double Center Line (4")	==
(PG) 2 ft. Yellow Miniskip (4")	- -
(PX) White Crosswalk (8")	—
(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↻
(QD) Combo Straight & Left Turn Arrow	↻↶
(QE) Combo Straight & Right Turn Arrow	↻↷
(QF) Combo Left & Right Arrow	↻↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	➔



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

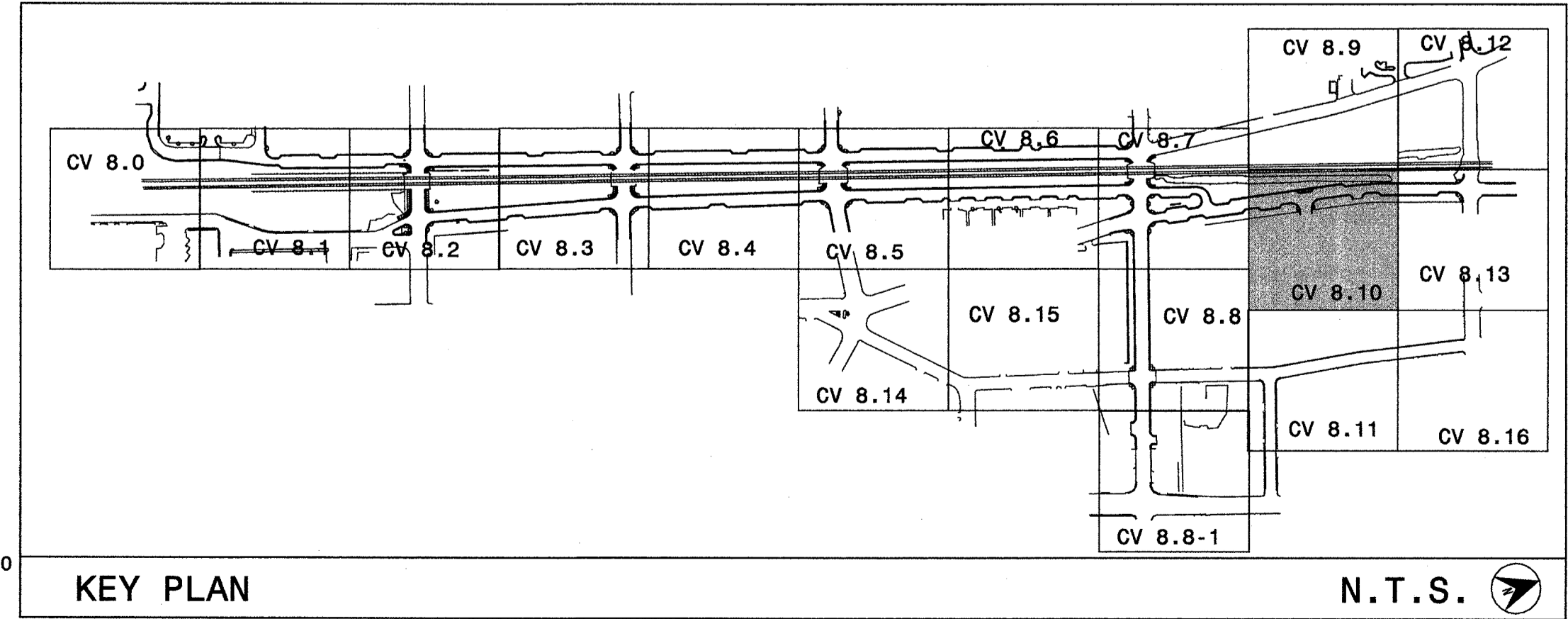
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

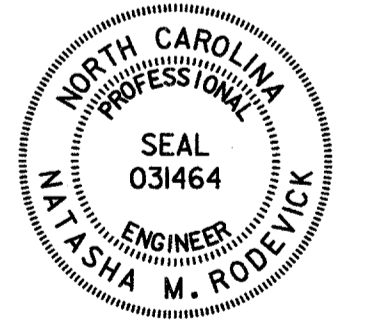
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1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

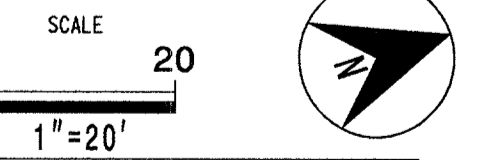
Prepared by: **HNTB** HNTB NORTH CAROLINA, P.C.
343 E. SIX FORKS ROAD, SUITE 200
RALEIGH, NORTH CAROLINA 27609
NC LICENSE NO: C-1554



KEY PLAN N.T.S.

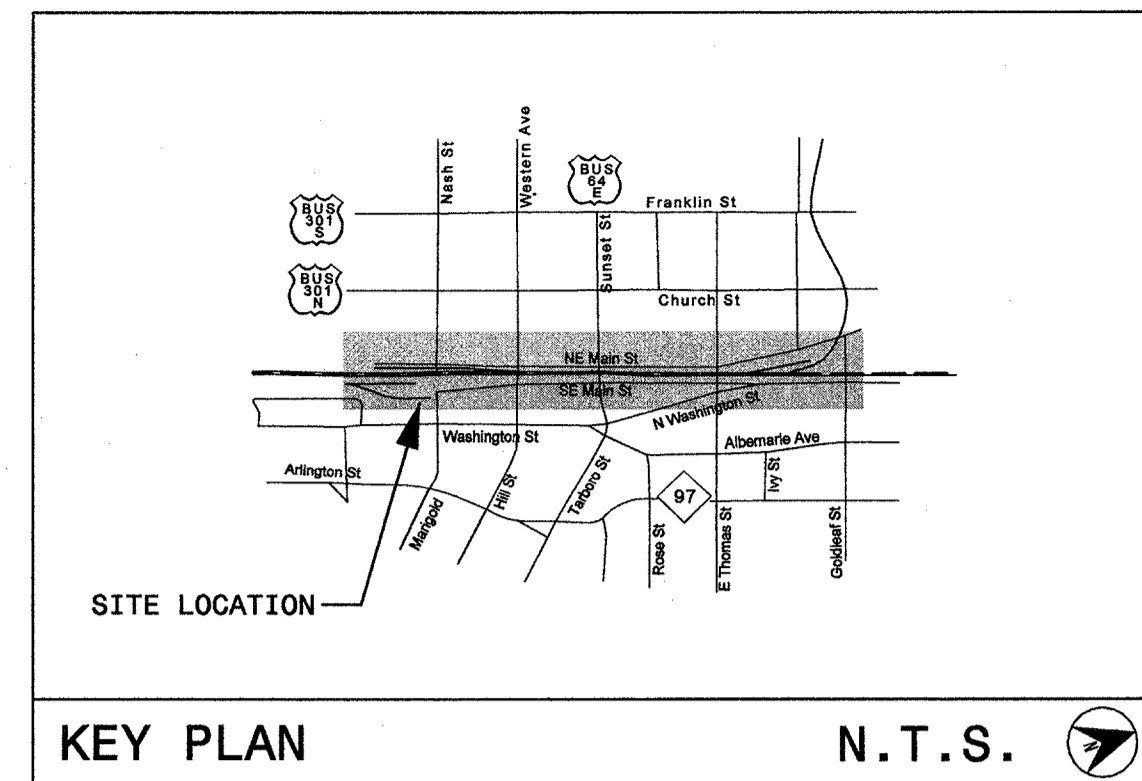
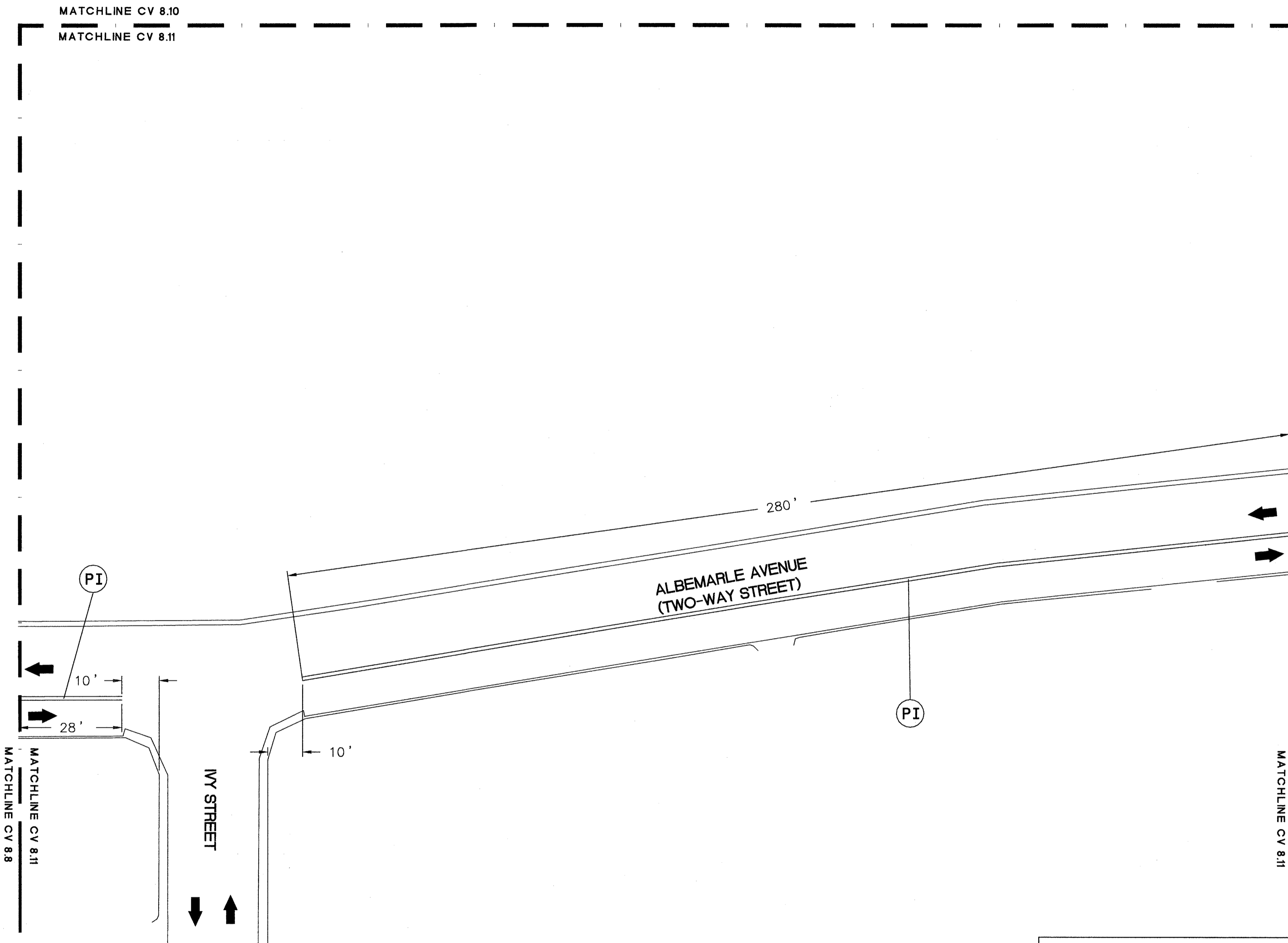


Signature: *Natasha M. Radford* DATE: 4-22-10



CV 8.10

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PX White Crosswalk (8")	—
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QC Straight Arrow	↔
QD Combo Straight & Left Turn Arrow	↶↔
QE Combo Straight & Right Turn Arrow	↷↔
QF Combo Left & Right Arrow	↶↷
QI Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

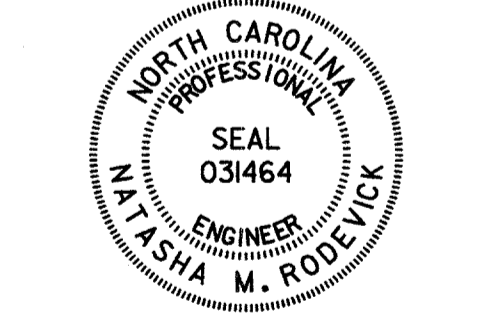
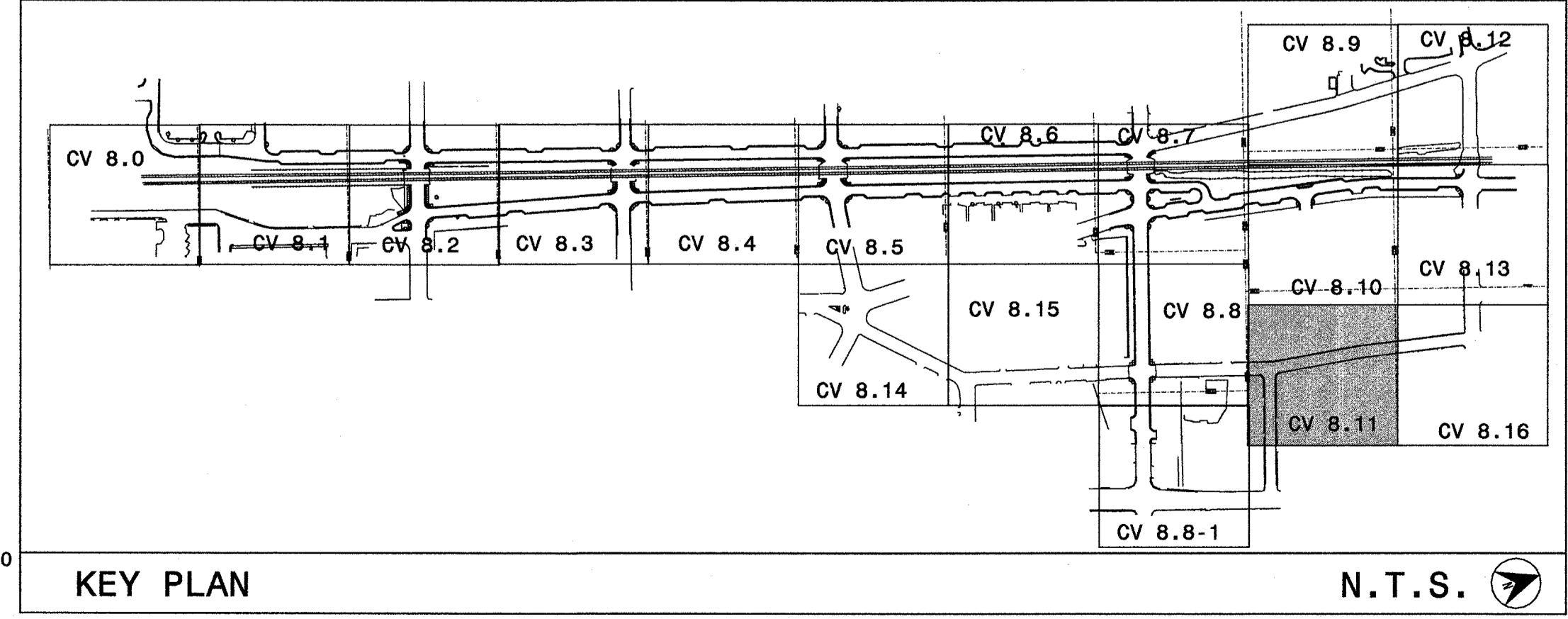
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

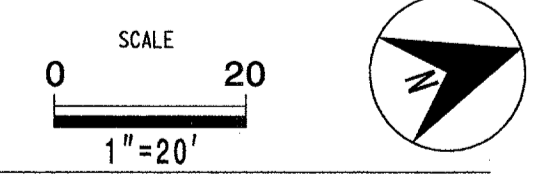
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1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

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 NC License No: C-1554

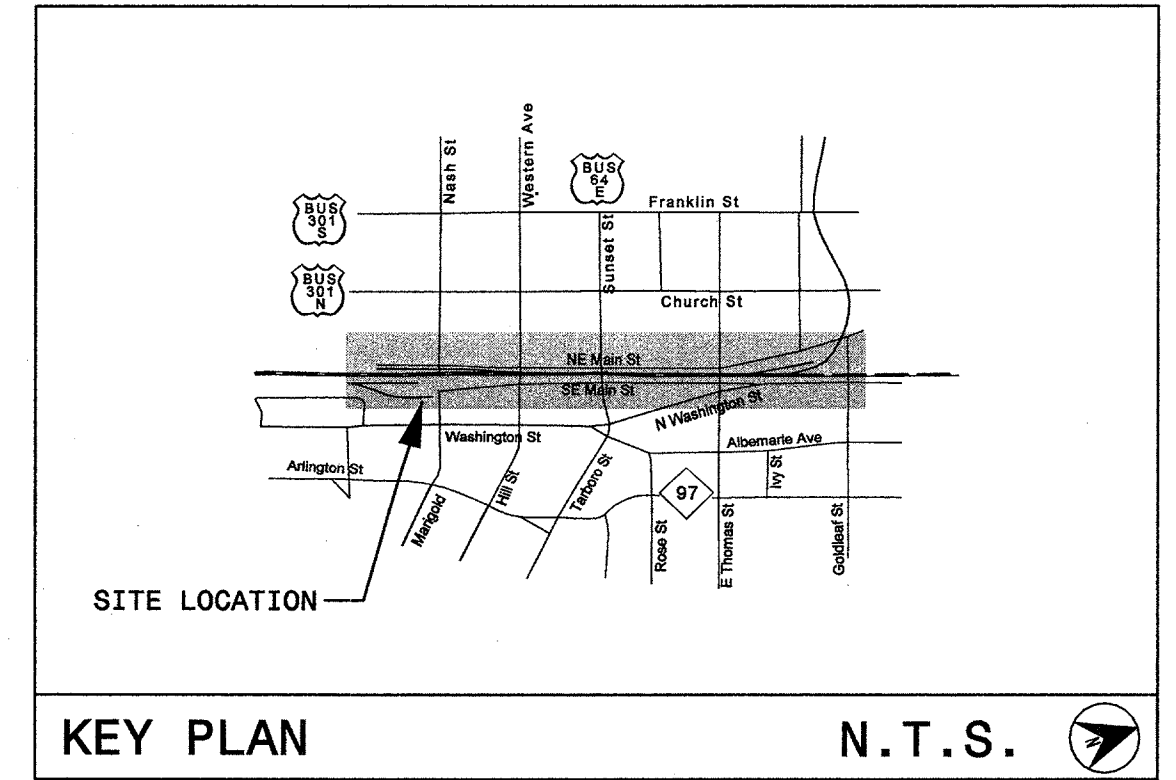
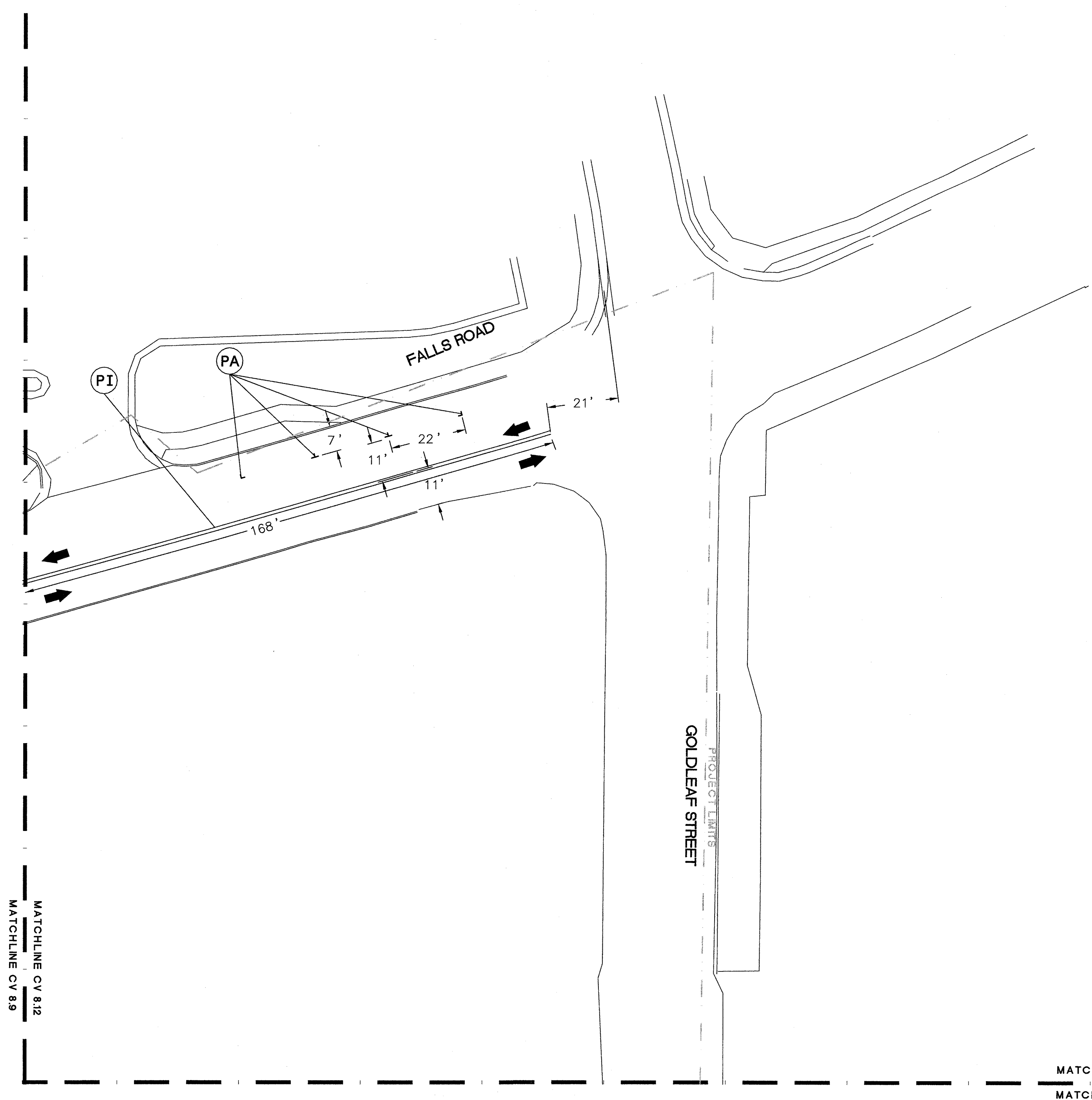


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 DATE



CV 8.11

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(P3) White Line for Railroad Crossbuck (16")	—————
(P4) White Stop Bar (24")	—————
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	→
(QD) Combo Straight & Left Turn Arrow	↶→
(QE) Combo Straight & Right Turn Arrow	→↷
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	↓
Direction of Traffic Flow	↓



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

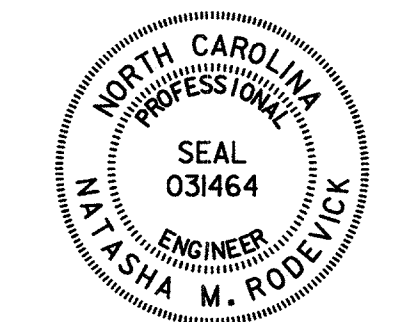
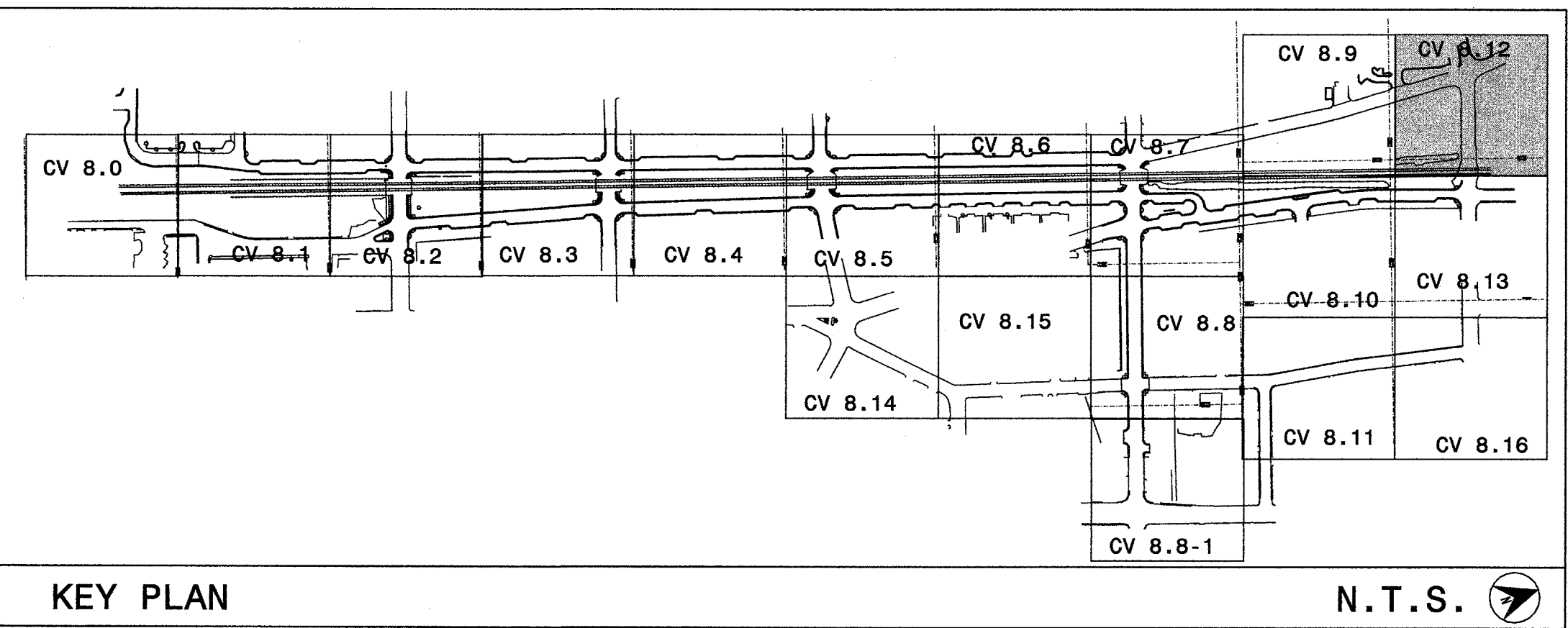
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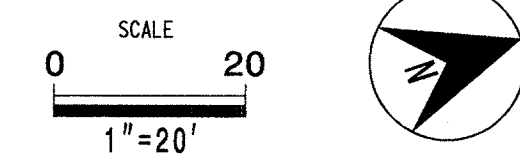
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 HNTB NORTH CAROLINA, P.C.
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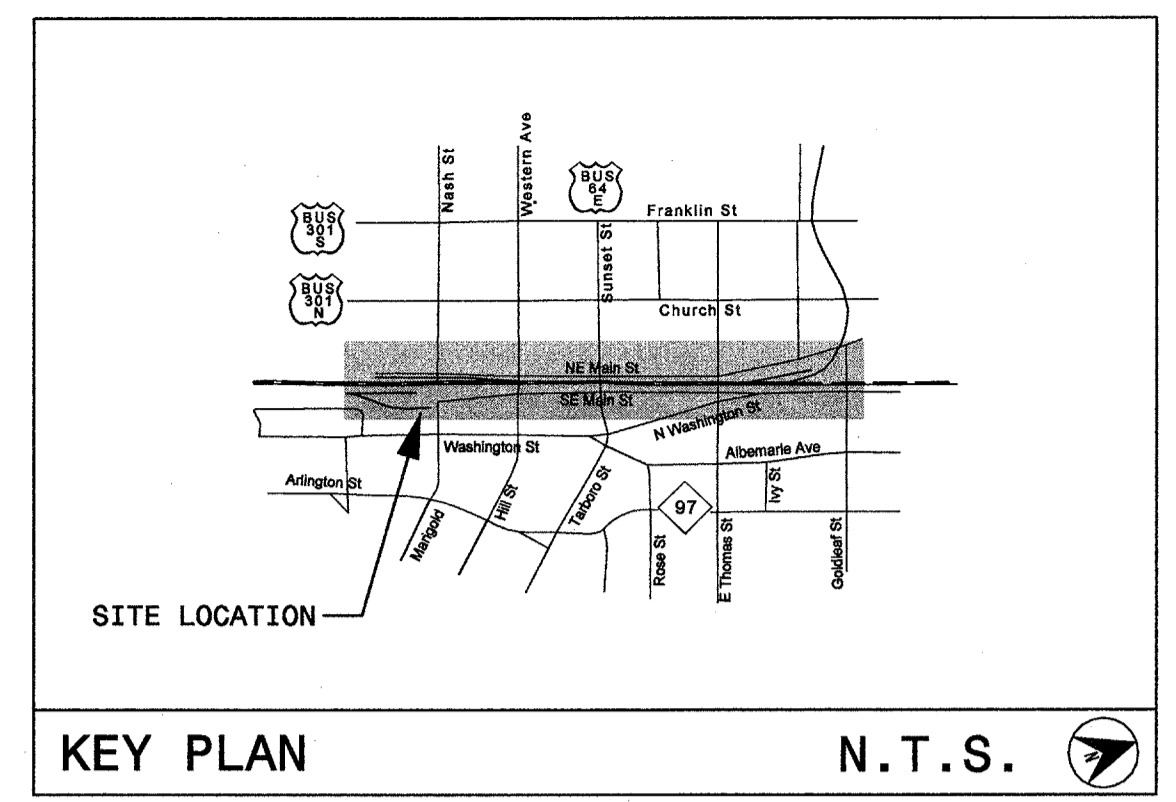
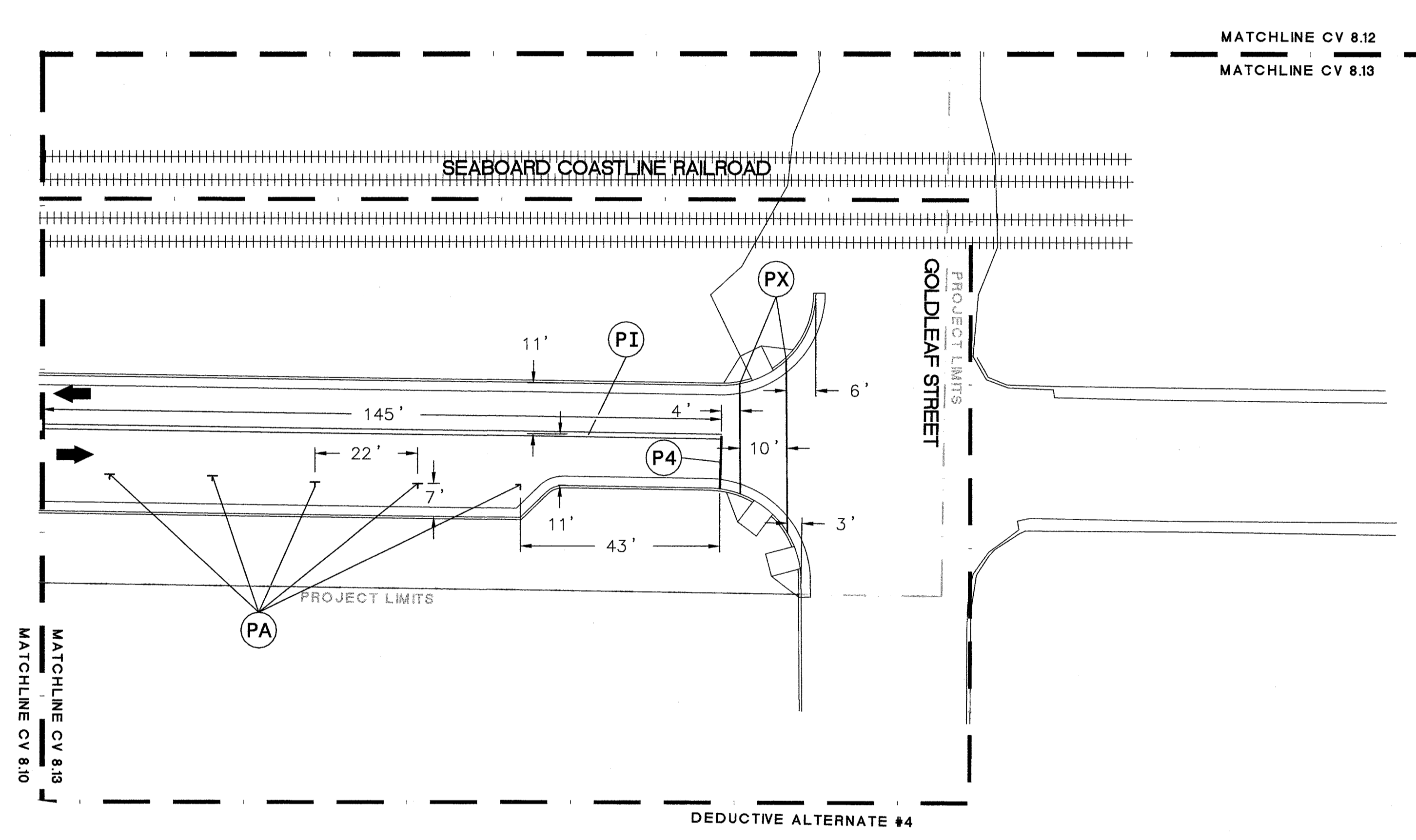


Signature: *Natasha M. Redbird* 4-22-10
 DATE



CV 8.12

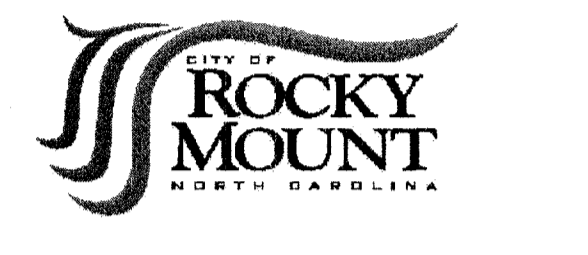
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KEY PLAN N.T.S.

LEGEND

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PI Yellow Double Center Line (4")	==
PG 2 ft. Yellow Miniskip (4")	- -
PX White Crosswalk (8")	—
P3 White Line for Railroad Crossbuck (16")	—
P4 White Stop Bar (24")	—
QA Left Turn Arrow	
QB Right Turn Arrow	
QC Straight Arrow	
QD Combo Straight & Left Turn Arrow	
QE Combo Straight & Right Turn Arrow	
QF Combo Left & Right Arrow	
QI Alphanumeric Character	
Direction of Traffic Flow	



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

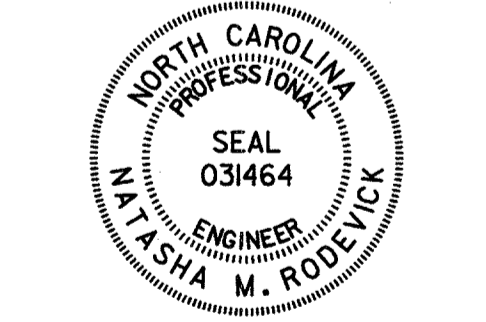
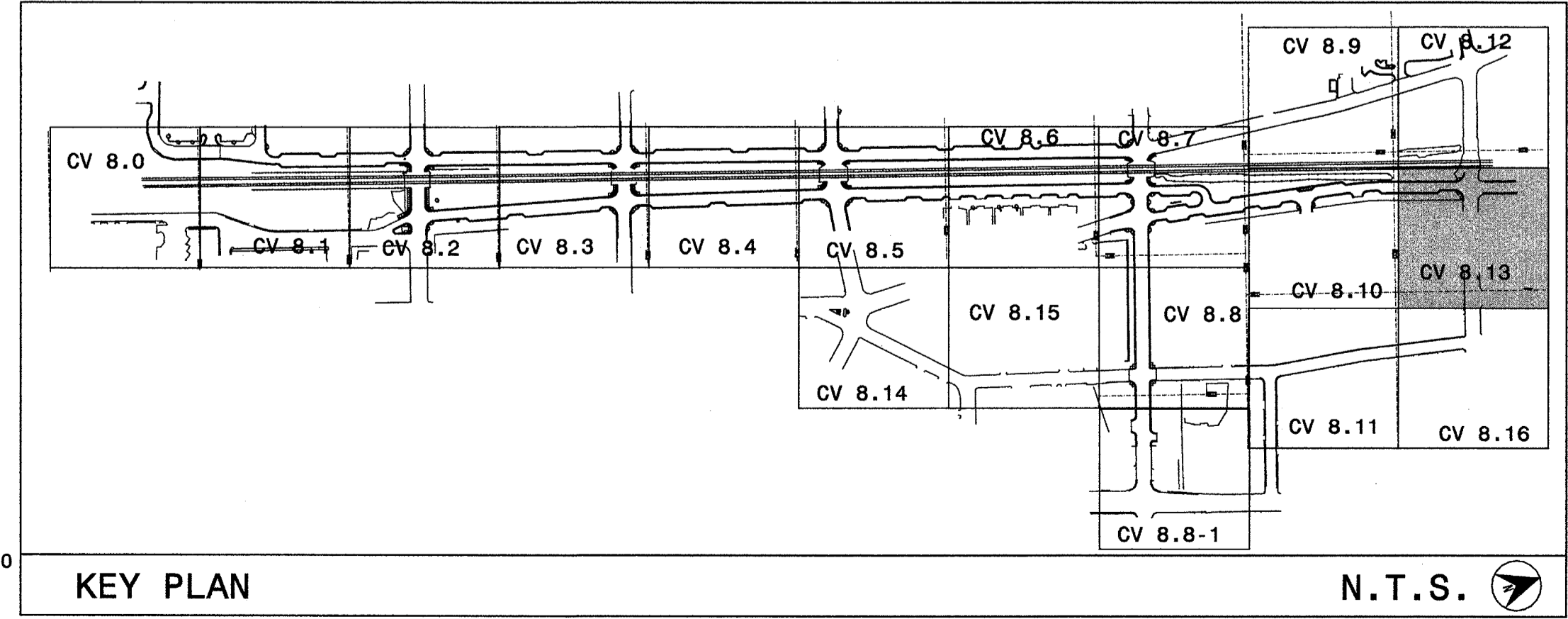
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 NC License No: C-1554

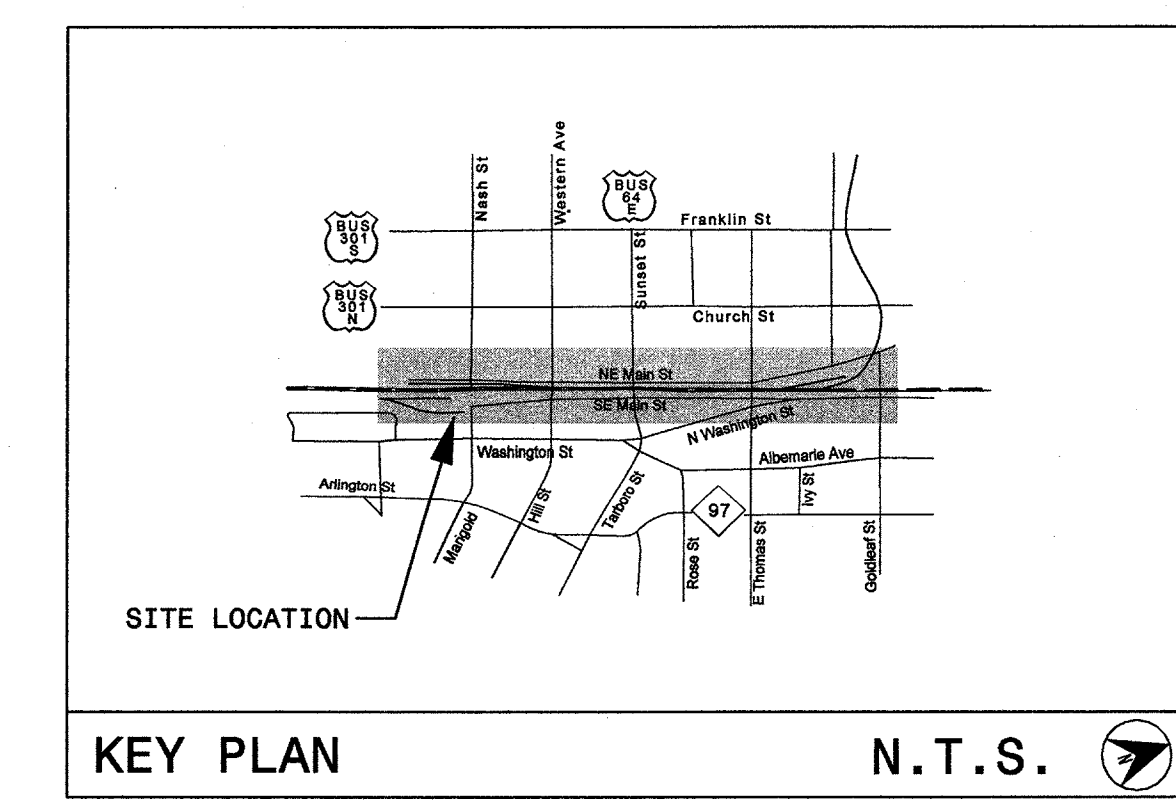
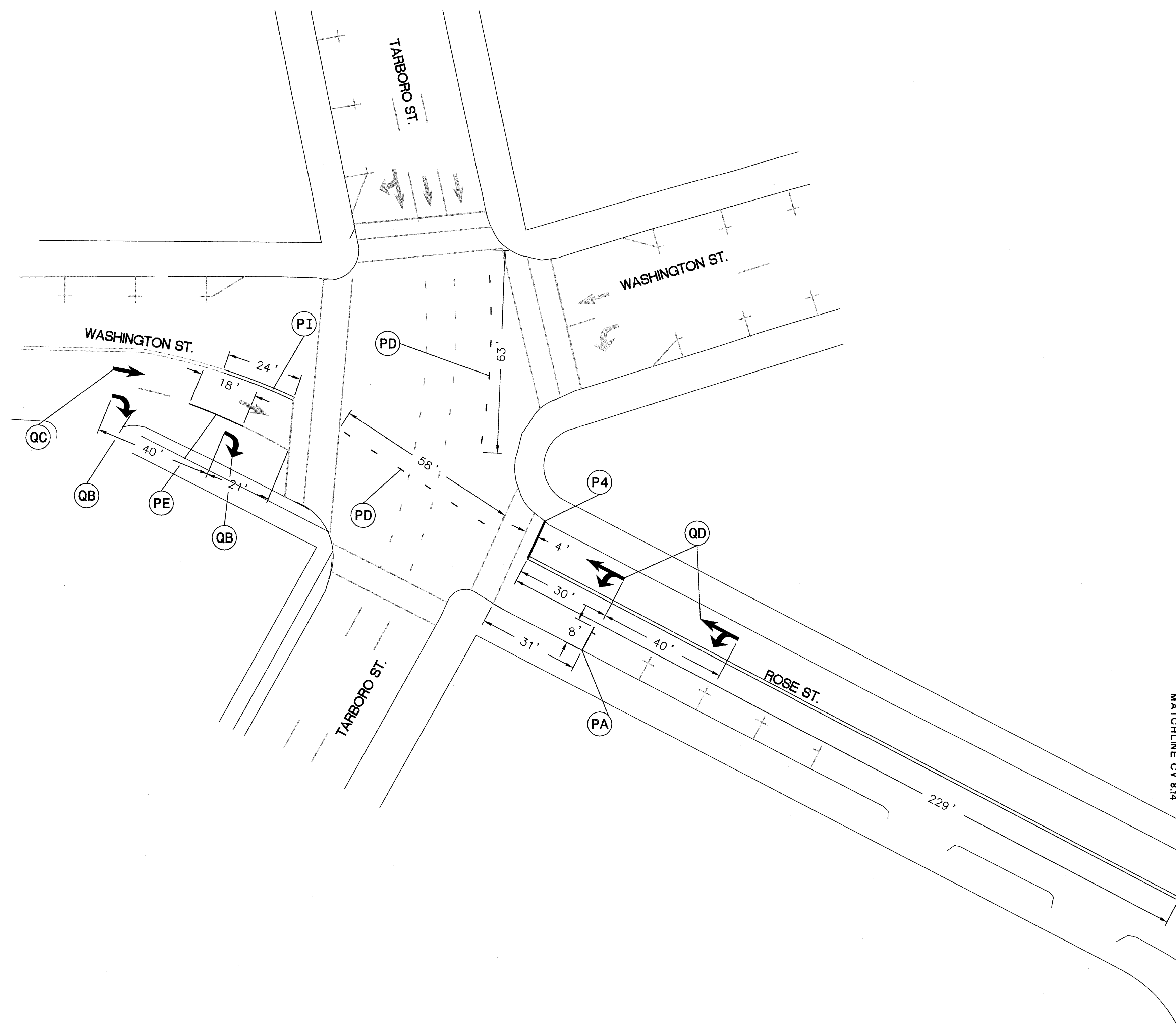


Natalia M. Rode 4.22.10
 SIGNATURE DATE

SCALE
 0 20
 1"=20'

CV 8.13

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(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↔
(QD) Combo Straight & Left Turn Arrow	↶↔
(QE) Combo Straight & Right Turn Arrow	↷↔
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character	R
Direction of Traffic Flow	→



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

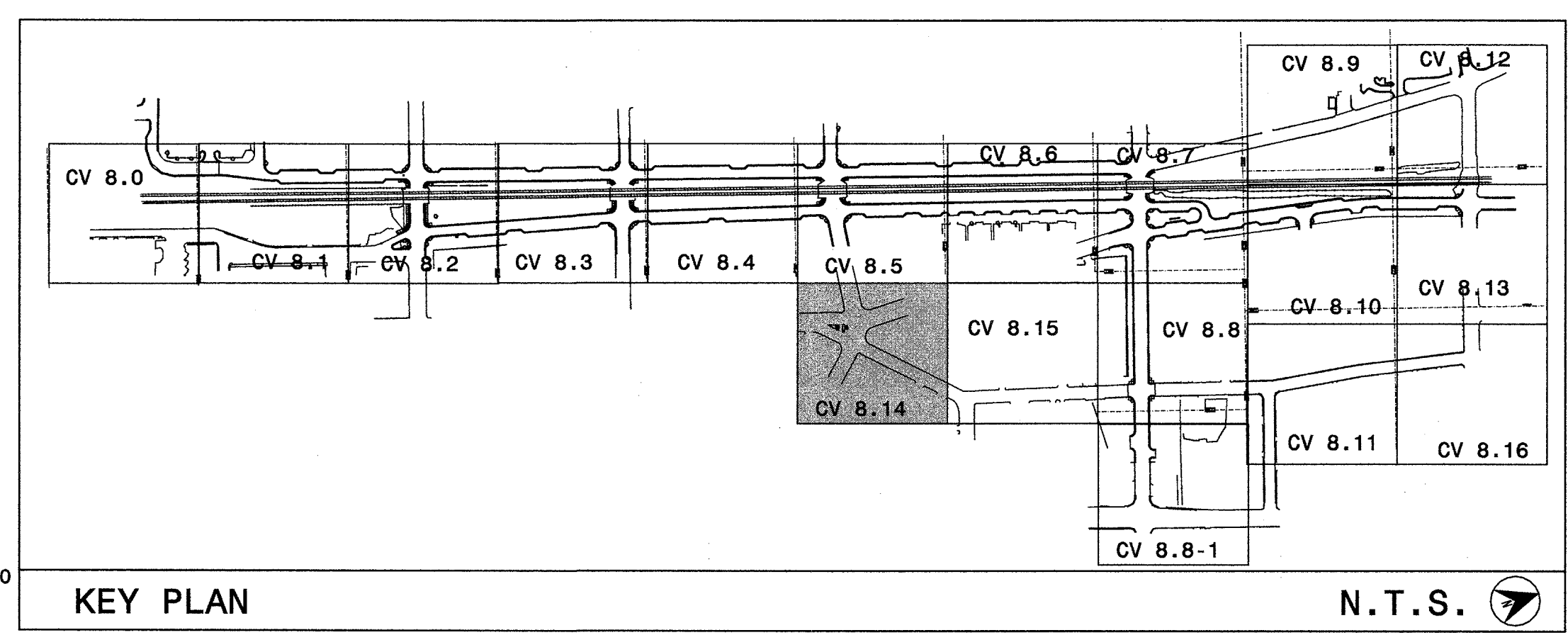
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

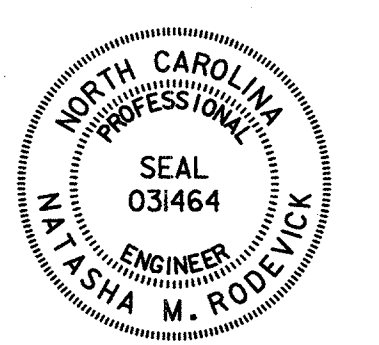
The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
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1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

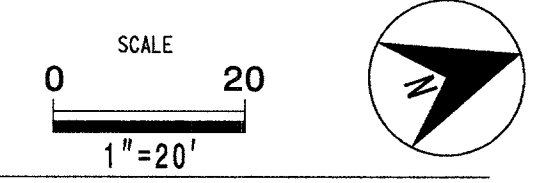
Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



KEY PLAN N.T.S.



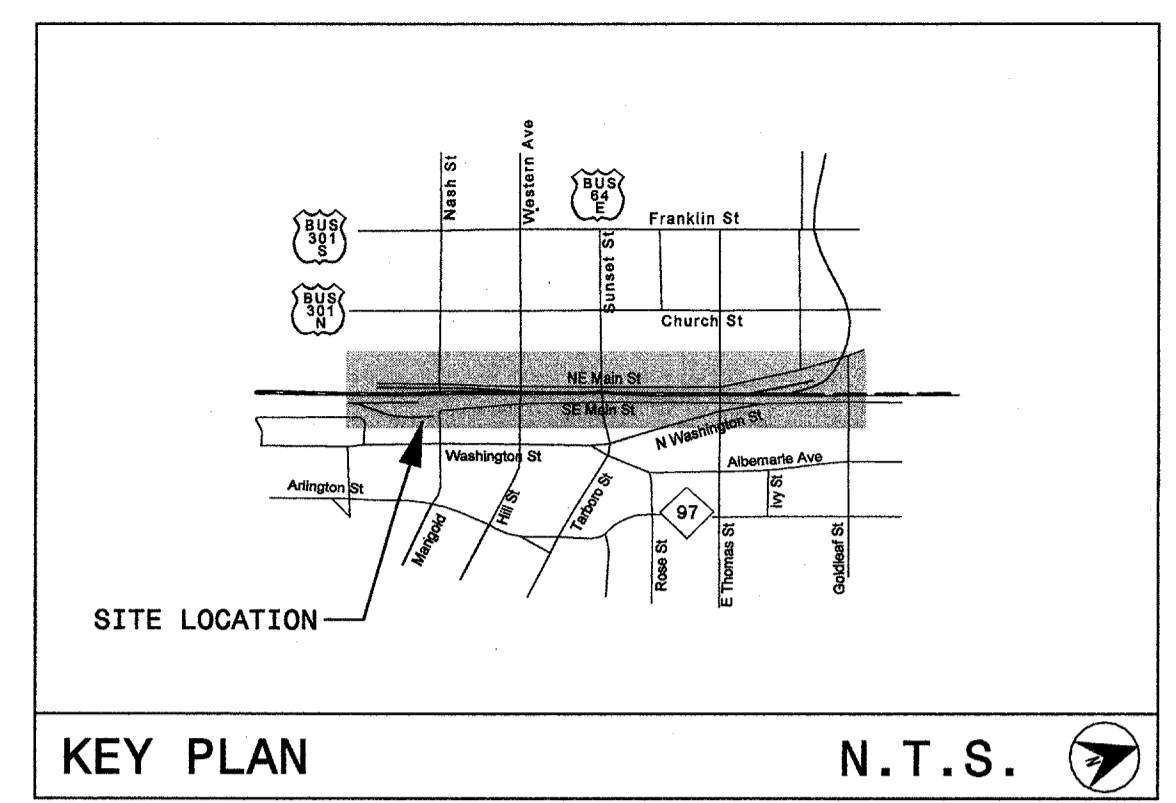
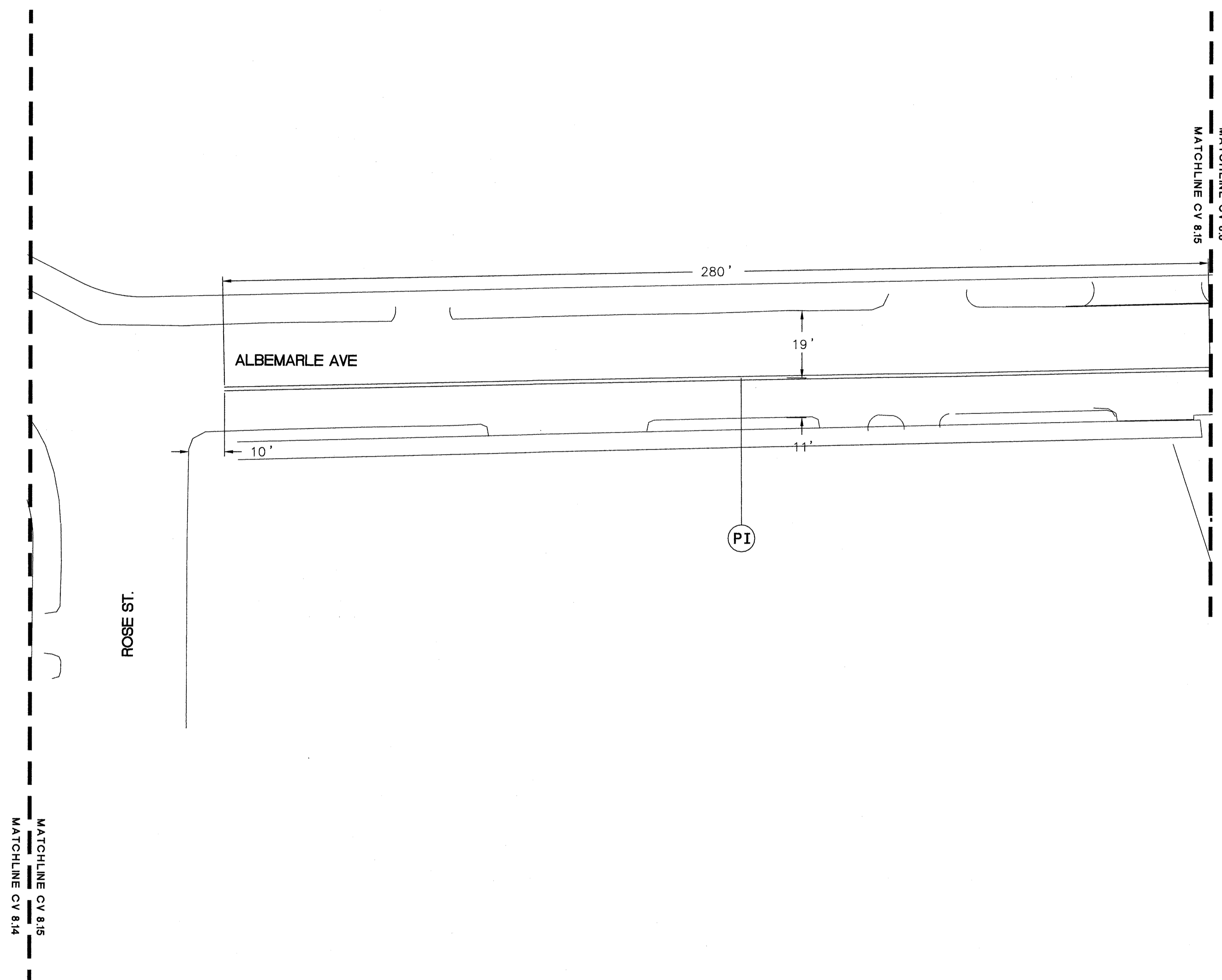
Natasha M. Redick 4-22-10
 SIGNATURE DATE



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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
(PA) White Edgeline (4")	—
(PC) 10 ft. White Skip (4")	—
(PD) 2 ft. White Miniskip (4")	- -
(PE) White Solid Lane Line (4")	—
(PI) Yellow Double Center Line (4")	==
(PG) 2 ft. Yellow Miniskip (4")	- -
(PX) White Crosswalk (8")	—
(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↷
(QD) Combo Straight & Left Turn Arrow	↶↷
(QE) Combo Straight & Right Turn Arrow	↷↶
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

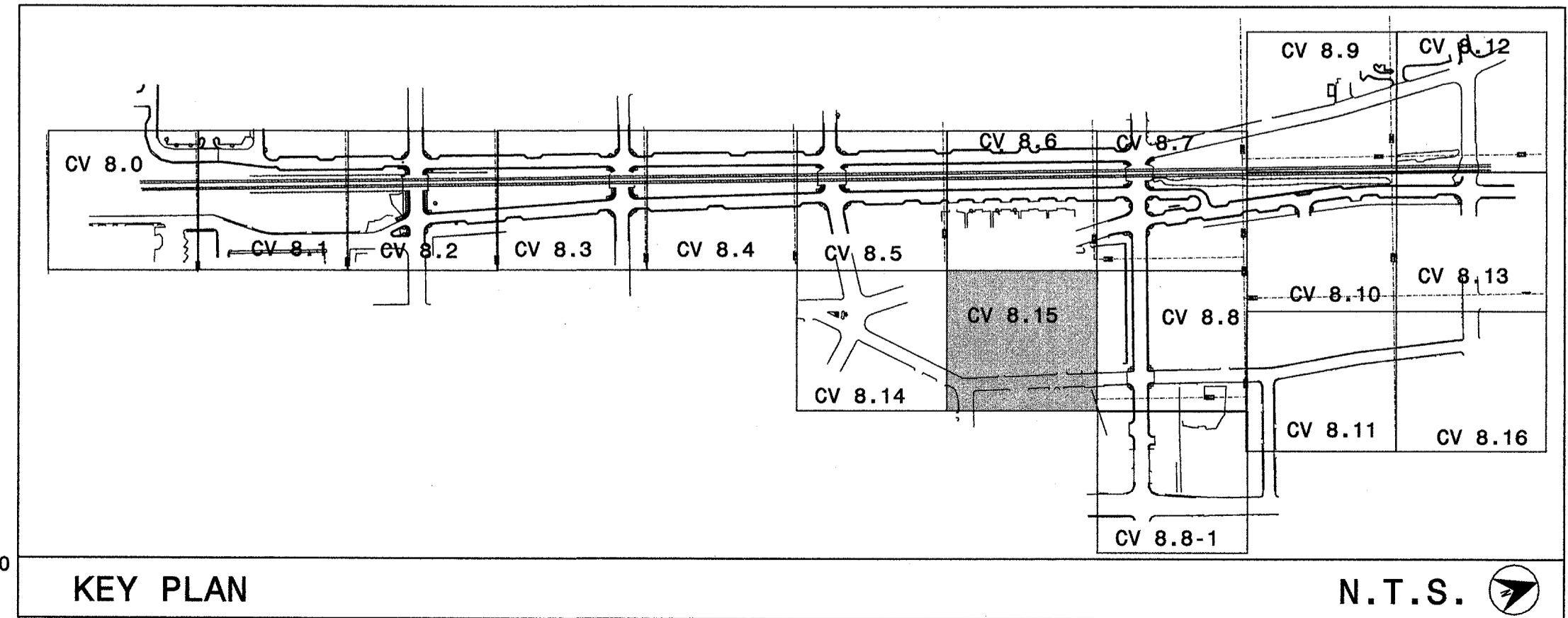
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

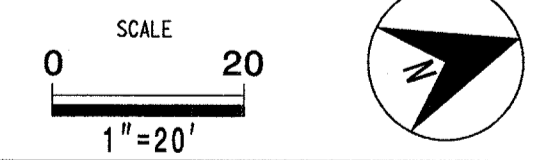
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1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by: **HNTB** HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

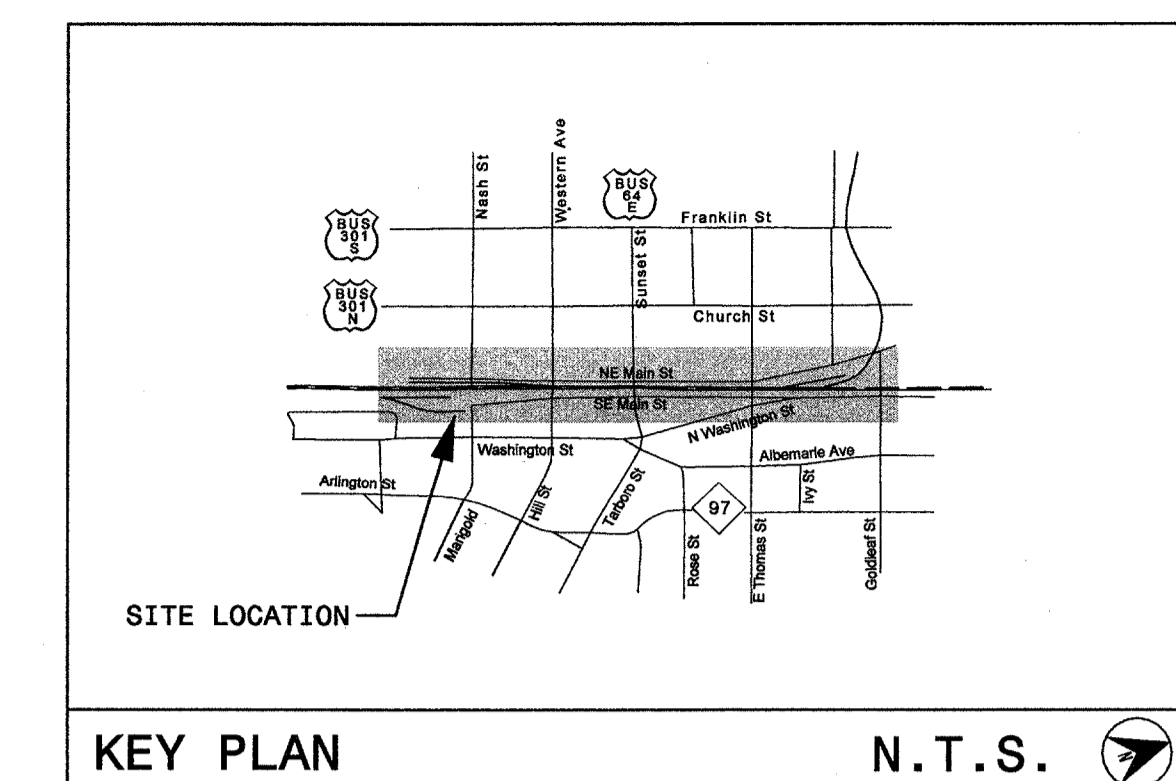
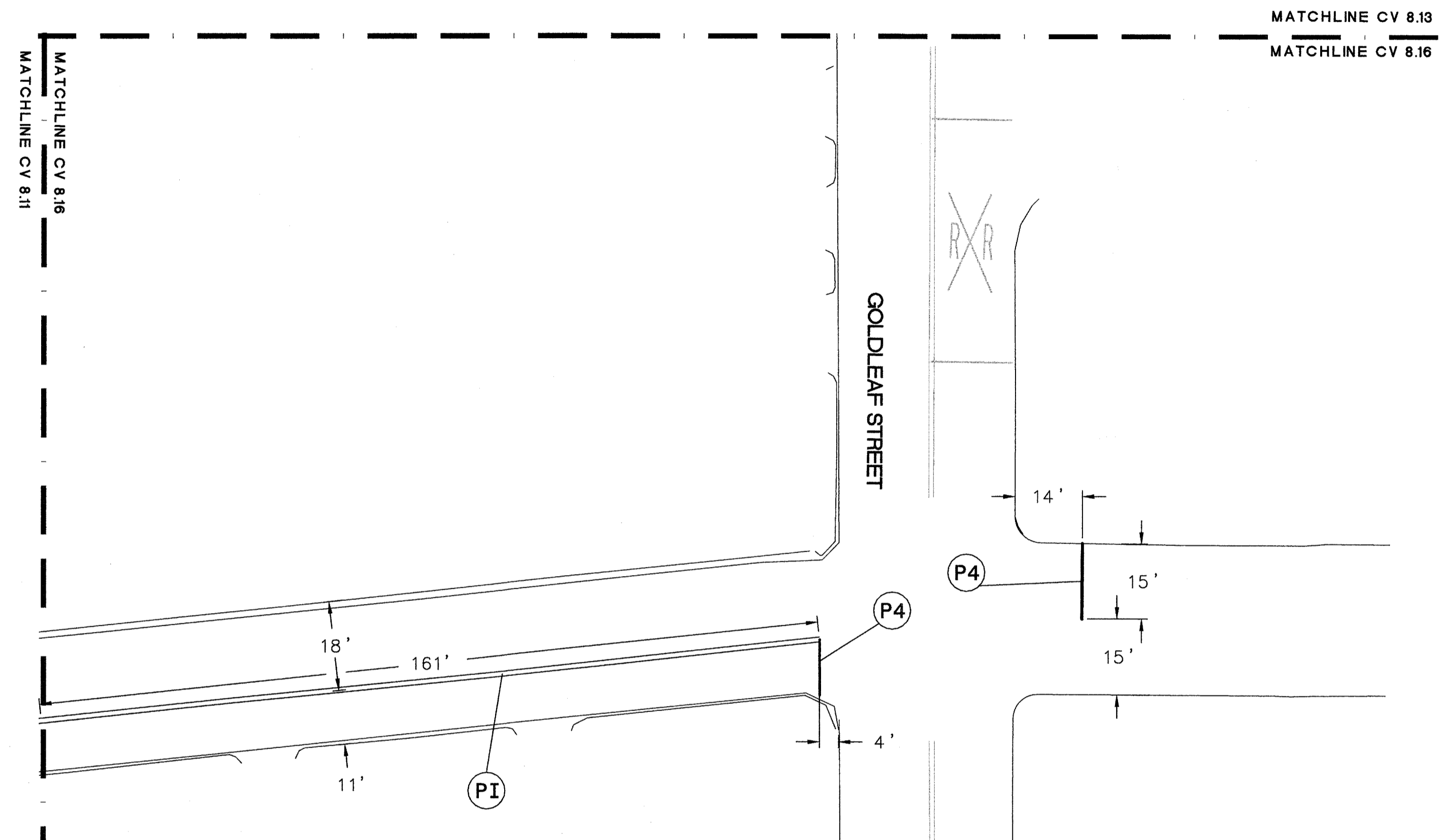


Signature: *Natasha M. Radwin* DATE: 4-22-10



CV 8.15

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LEGEND

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(PC) 10 ft. White Skip (4")	—
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(PG) 2 ft. Yellow Miniskip (4")	- -
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(P3) White Line for Railroad Crossbuck (16")	—
(P4) White Stop Bar (24")	—
(QA) Left Turn Arrow	↶
(QB) Right Turn Arrow	↷
(QC) Straight Arrow	↷
(QD) Combo Straight & Left Turn Arrow	↶↷
(QE) Combo Straight & Right Turn Arrow	↷↶
(QF) Combo Left & Right Arrow	↶↷
(QI) Alphanumeric Character Direction of Traffic Flow	R



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED PAVEMENT MARKING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

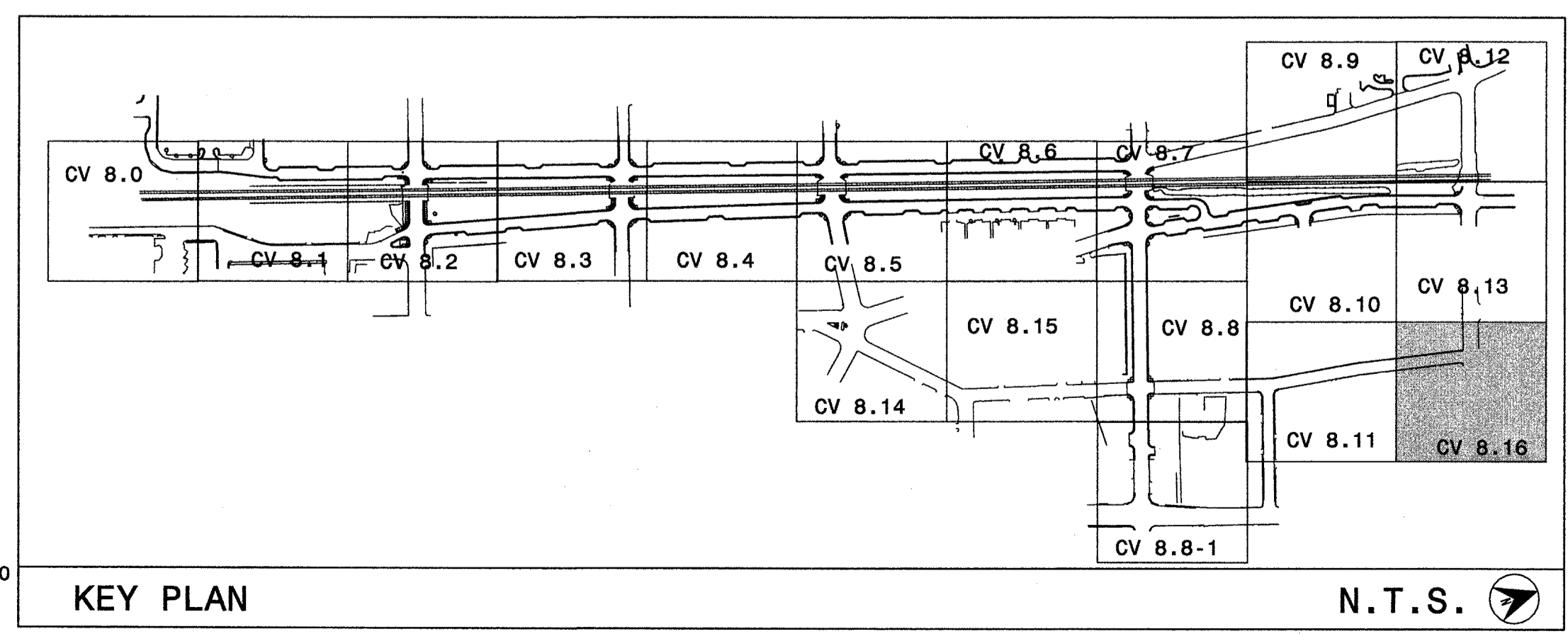
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2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

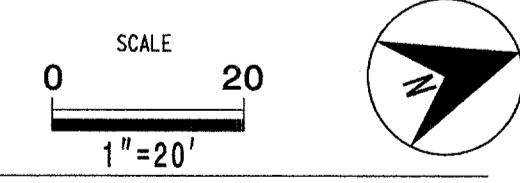
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1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
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Raleigh, North Carolina 27609
NC License No: C-1554



Natasha Rodehick 4-22-10
SIGNATURE DATE



CV 8.16

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FINAL PAVEMENT MARKING SCHEDULE*

SYMBOL	DESCRIPTION	PAY ITEM	QUANTITY BREAKDOWN**	TOTAL QUANTITY
PAVEMENT MARKING LINES				
		PAINT (4")		14,790 FT
PA	WHITE EDGELINE		2,290 FT	
PC	10 FT. WHITE SKIP		500 FT	
PD	2 FT. WHITE MINISKIP		160 FT	
PE	WHITE SOLID LANE LINE		1,235 FT	
PI	YELLOW DOUBLE CENTER LINE		10,610 FT	
		PAINT (8")		3,830 FT
PX	WHITE CROSSWALK (8")		3,830 FT	
		PAINT (16")		270 FT
P3	WHITE LINE FOR RAILROAD CROSSBUCK		270 FT	
		PAINT (24")		990 FT
P4	WHITE STOP BAR (24")		990 FT	
PAVEMENT MARKING SYMBOLS AND CHARACTERS				
PAINT PAVEMENT MARKING SYMBOLS				
QA	LEFT TURN ARROW		16 EA	104 EA
QB	RIGHT TURN ARROW		10 EA	
QC	STRAIGHT ARROW		38 EA	
QD	COMBO STRAIGHT & LEFT TURN ARROW		16 EA	
QE	COMBO STRAIGHT & RIGHT TURN ARROW		22 EA	
QF	COMBO LEFT & RIGHT ARROW		2 EA	
PAINT PAVEMENT MARKING CHARACTERS				
QI	ALPHANUMERIC CHARACTER		12 EA	

**DEDUCTIVE ALTERNATIVE
PAVEMENT MARKING SCHEDULE**

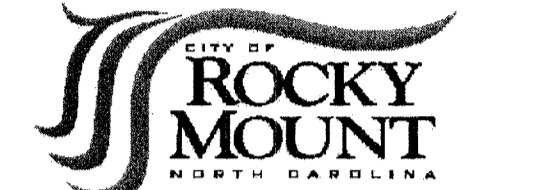
PAY ITEM	QUANTITY BREAKDOWN**
DEDUCTIVE ALTERNATIVE #1	
PAINT 4"	560 FT
PAINT PAVEMENT MARKING SYMBOLS	8 EA
DEDUCTIVE ALTERNATIVE #2	
PAINT 4"	100 FT
DEDUCTIVE ALTERNATIVE #3	
PAINT 4"	230 FT
PAINT PAVEMENT MARKING SYMBOLS	8 ea
DEDUCTIVE ALTERNATIVE #4	
PAINT 4"	1,385 FT
PAINT 8"	125 FT
PAINT 24"	25 FT

* DEDUCTIVE ALTERNATIVE QUANTITIES ARE INCLUDED IN THE SUMMARY ESTIMATES.
 ** QUANTITIES ARE DOUBLED TO ACCOUNT FOR THE TWO LAYERS FOR PAINT PAVEMENT MARKINGS.

**2006 ROADWAY STANDARD DRAWINGS
AND STANDARD SPECIFICATIONS**

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1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
PAVEMENT
MARKING
SCHEDULE**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Rodevick 4.22.10
SIGNATURE DATE

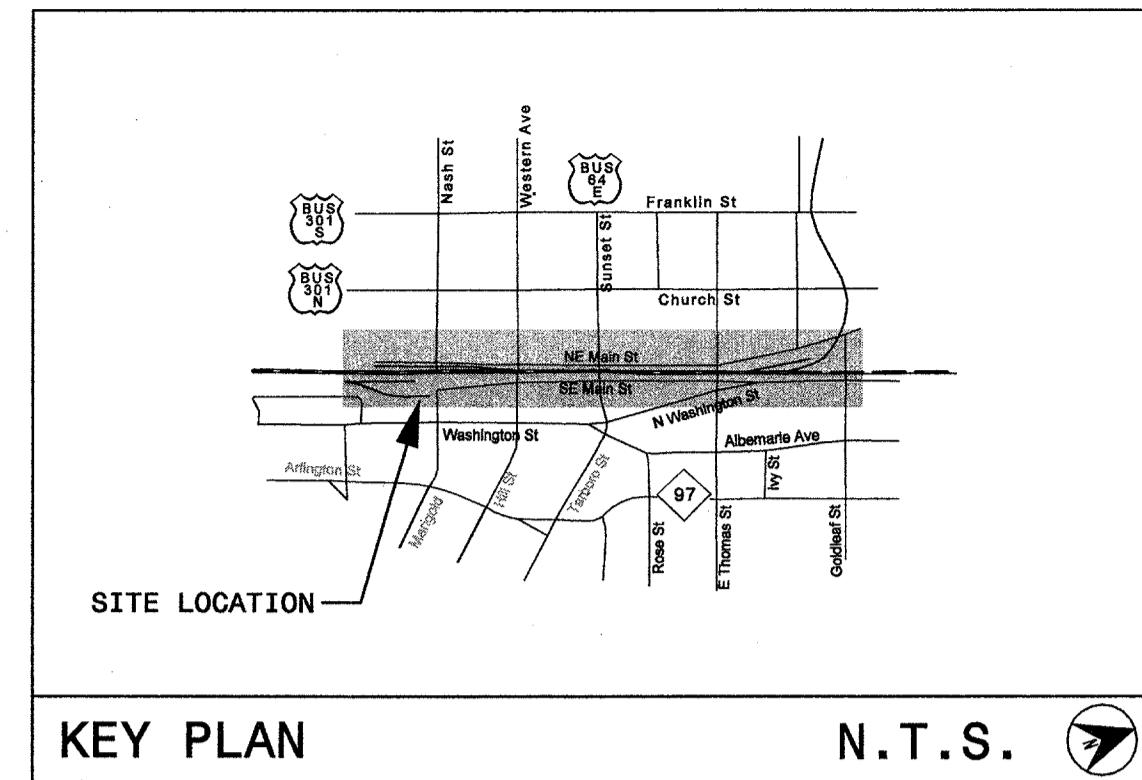
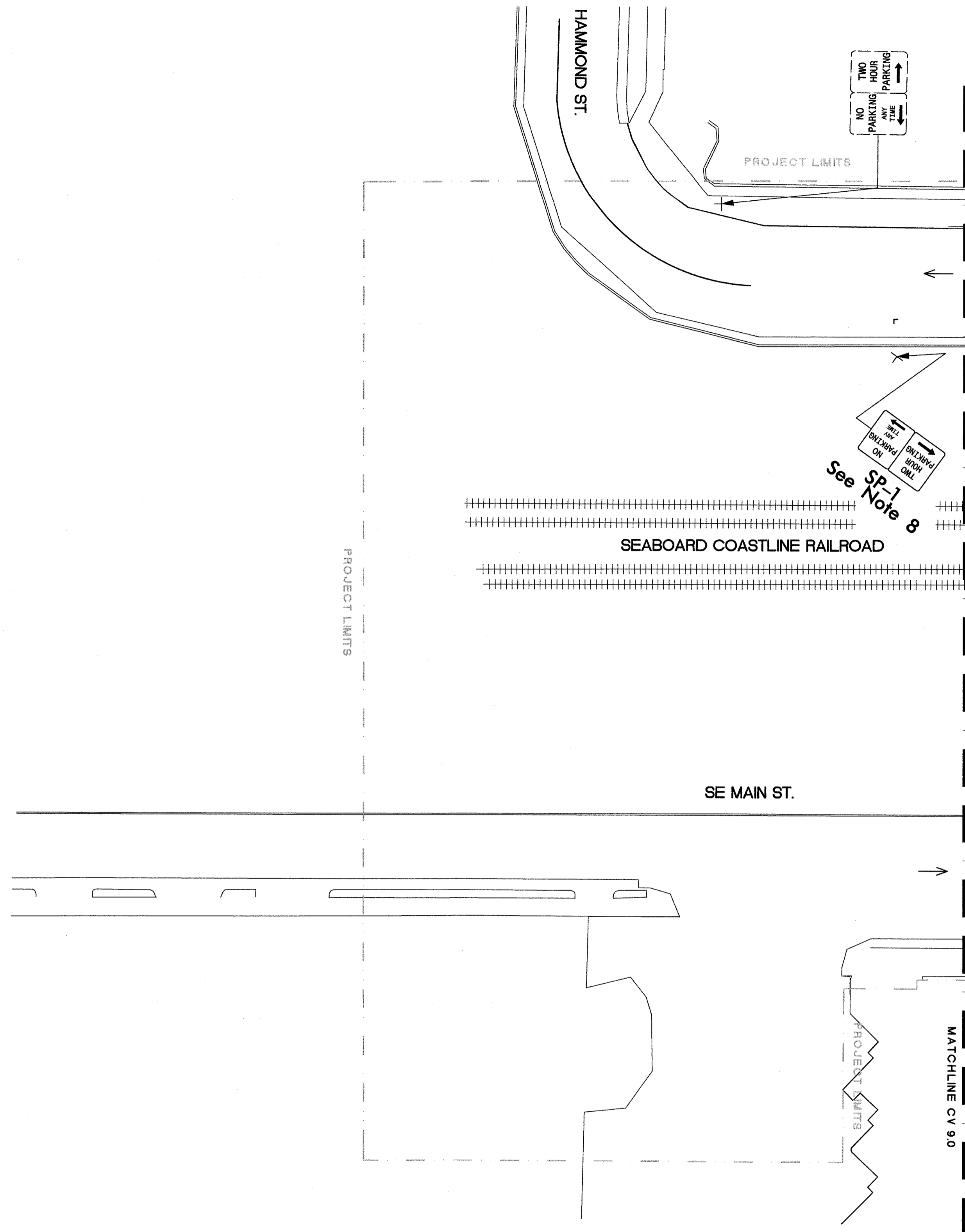
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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	▲
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

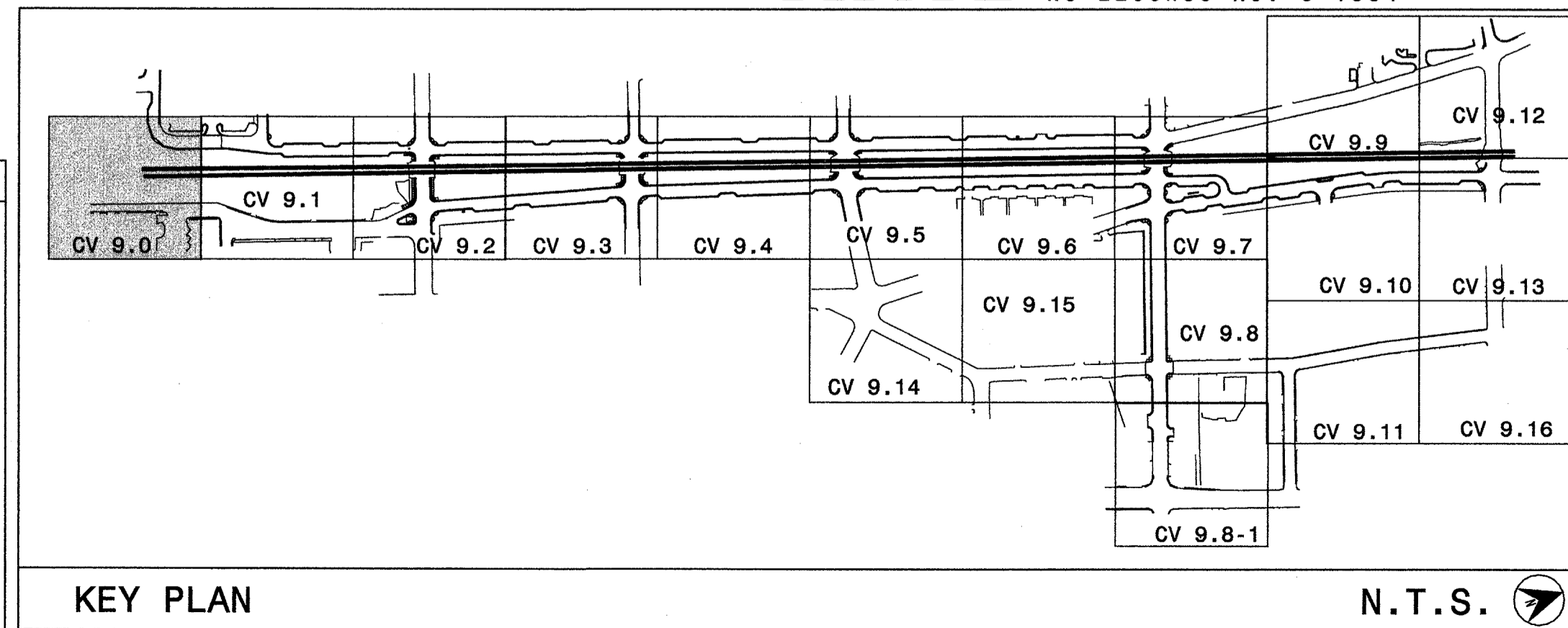
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STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. SIX FORKS ROAD, SUITE 200
 RALEIGH, NORTH CAROLINA 27609
 NC LICENSE NO: C-1554



- GENERAL NOTES:**
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 - THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

- PAY ITEM NOTES:**
- RELOCATE SIGN, TYPE E
 - REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
 - DISPOSAL OF SUPPORT, U-CHANNEL
 - REMOVE AND STOCKPILE SIGN, D, E OR F
 - DISPOSAL OF SIGN, D, E OR F
 - SIGN ERECTION, TYPE D, E AND F
 - SIGN ERECTION, STREET NAME
 - INSTALL NEW SIGN SUPPORT



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

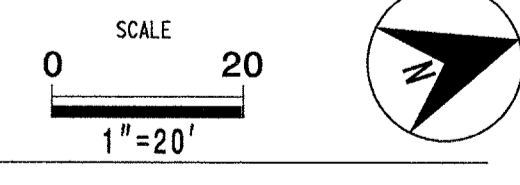
ISSUED:
04.22.10

REVISED: # COMMENTS:

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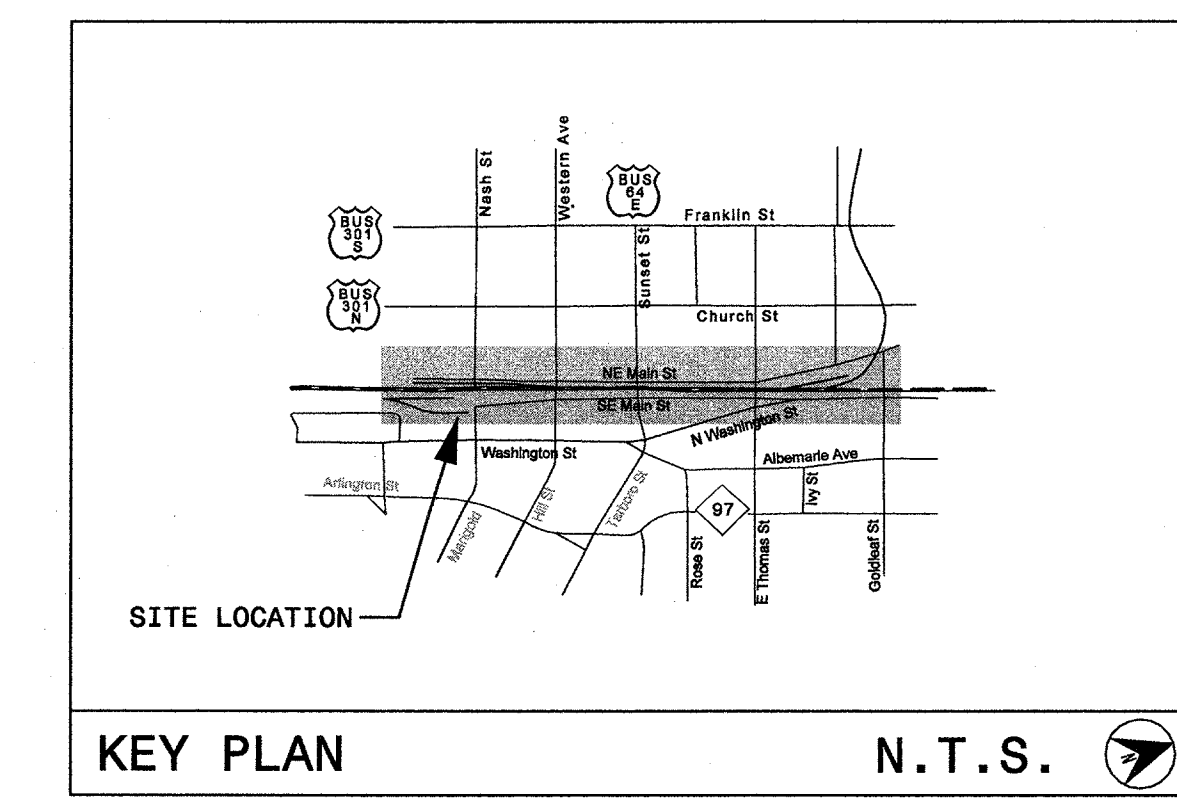
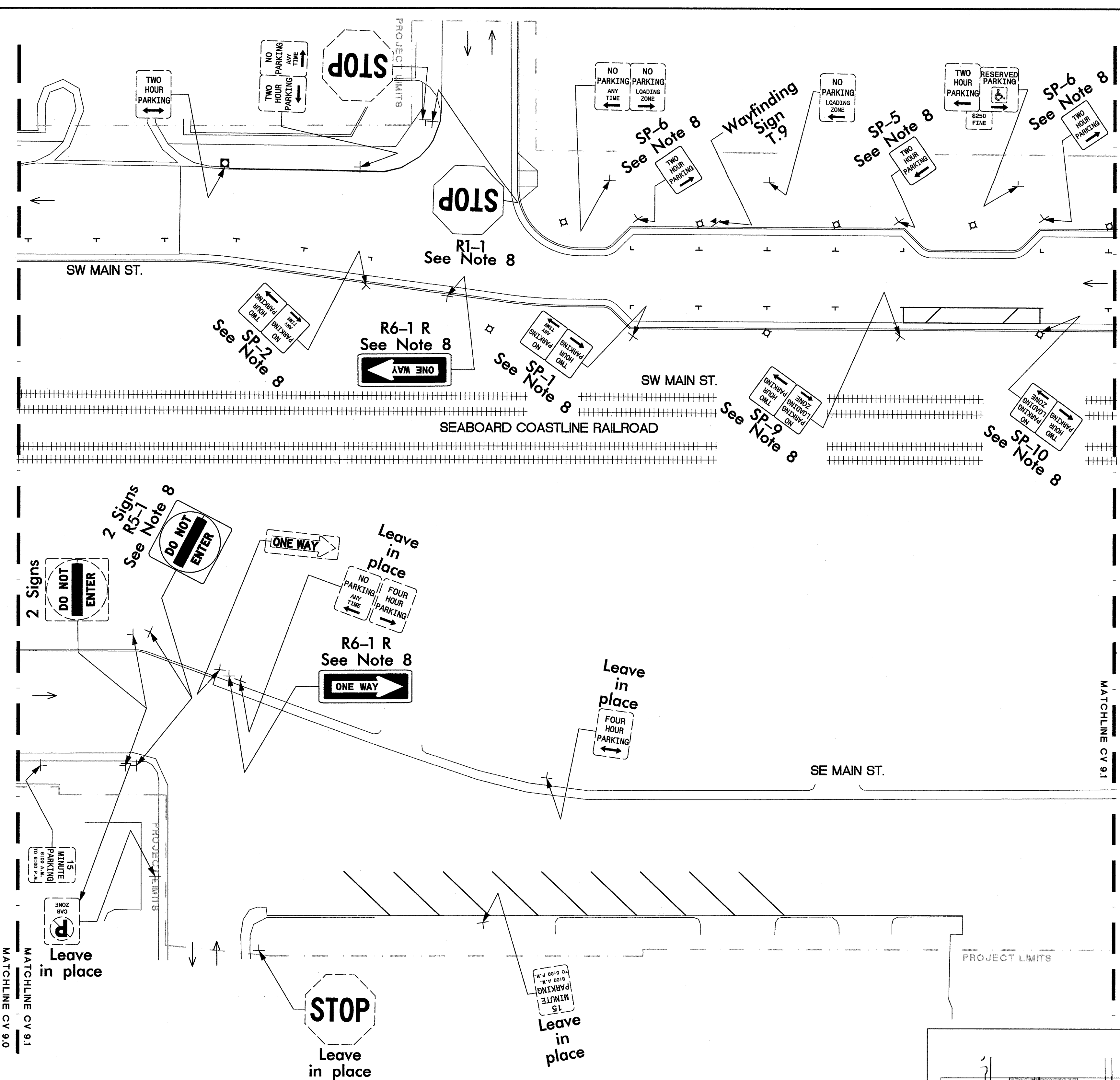


Signature: *N. Asha M. Rodevick* DATE: 4.22.10



CV 9.0

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	▲
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

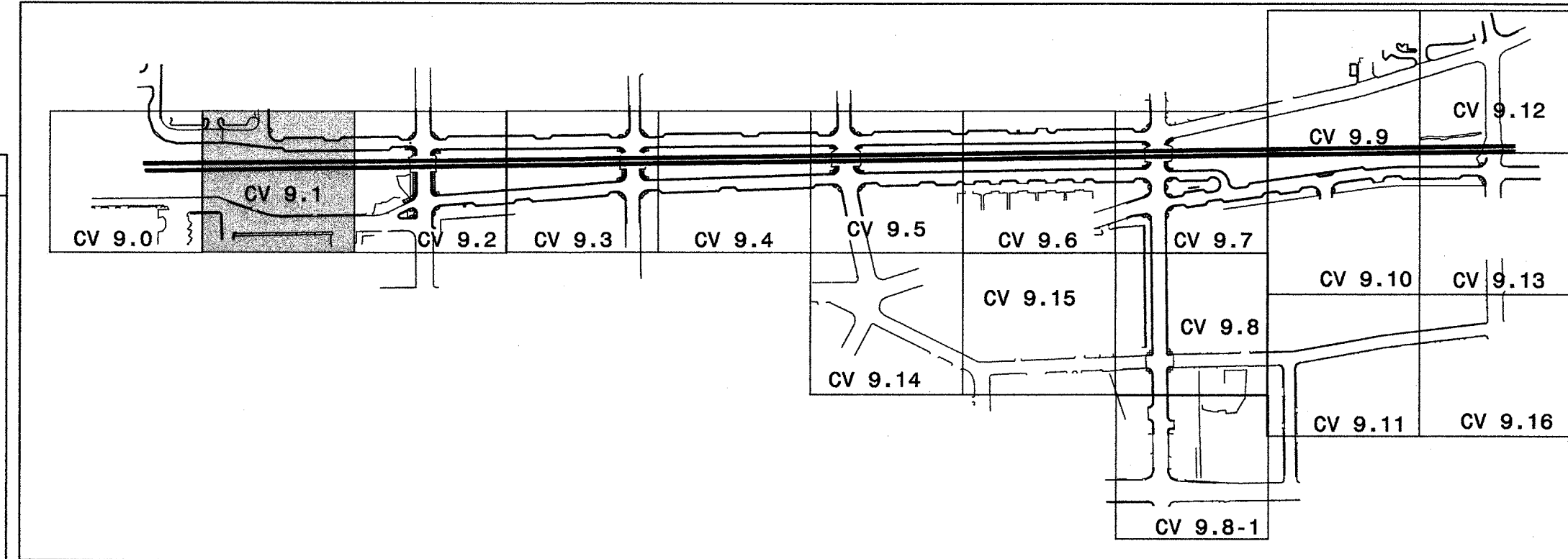
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Prepared by:
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Harris & Associates, Inc.
 Irrigation
 Construction
 Consultants

MORTAR&ink
 Creative Design for the Built World

elm

HNTB

Coleman & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

PROPOSED SIGNING PLAN

ISSUED FOR BIDDING

PROJECT NUMBER:
50219

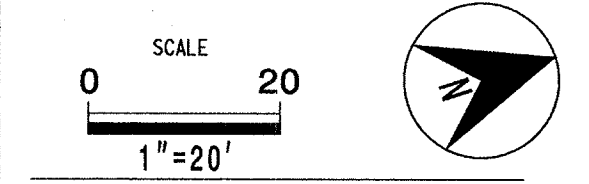
ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Rodevick 4/22/10
 SIGNATURE DATE

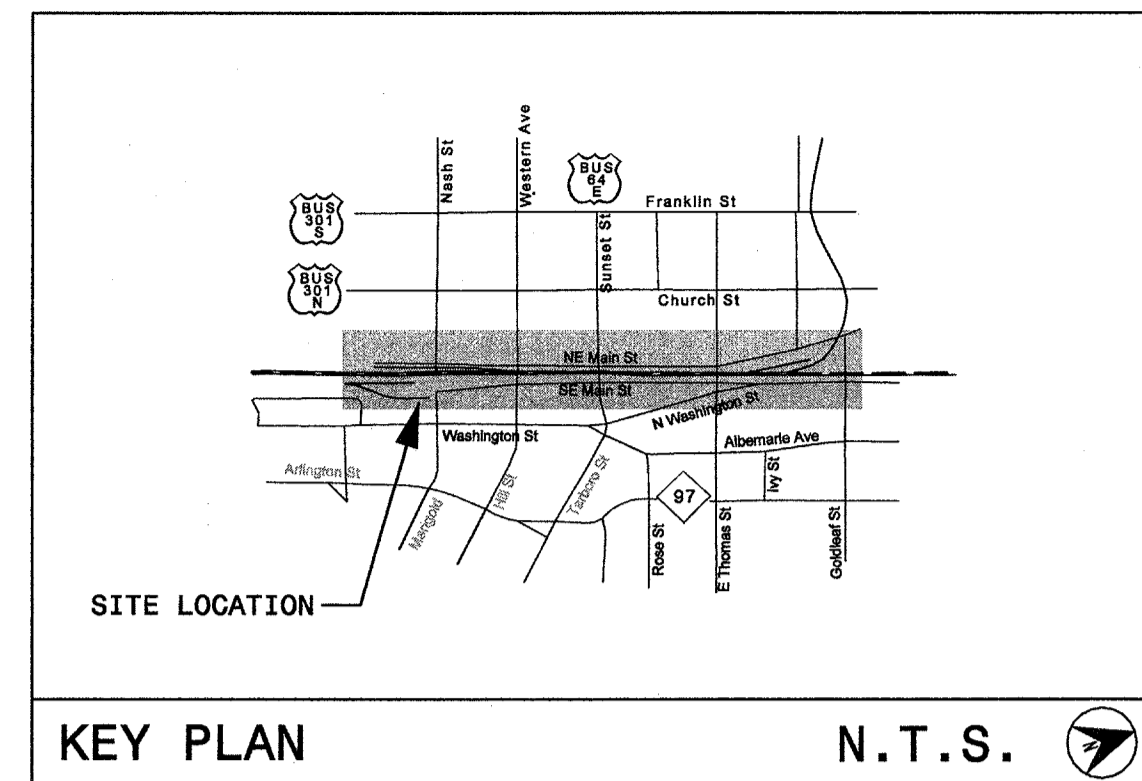
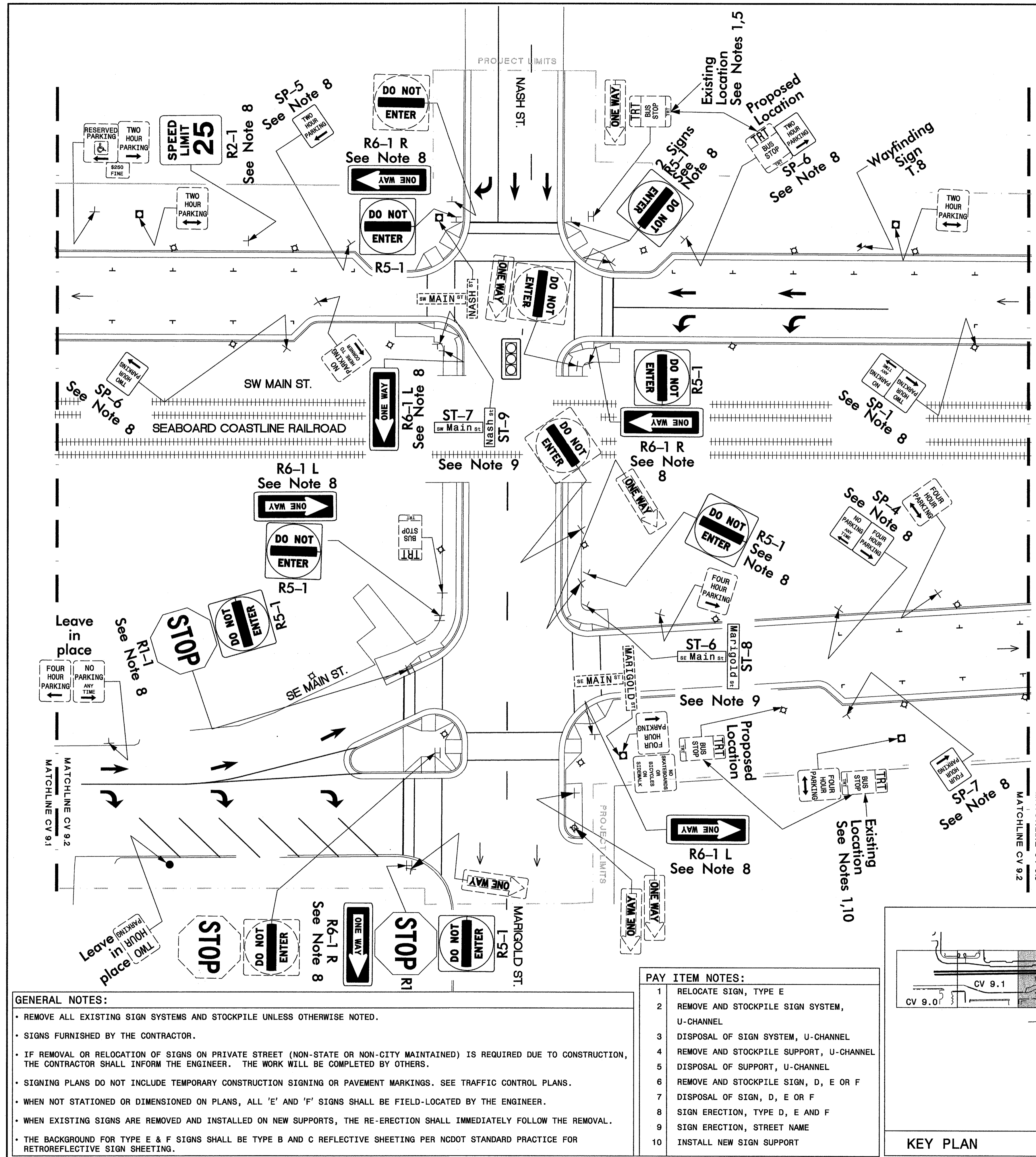


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KEY PLAN N.T.S.



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	✦
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Direction of Traffic Flow	→

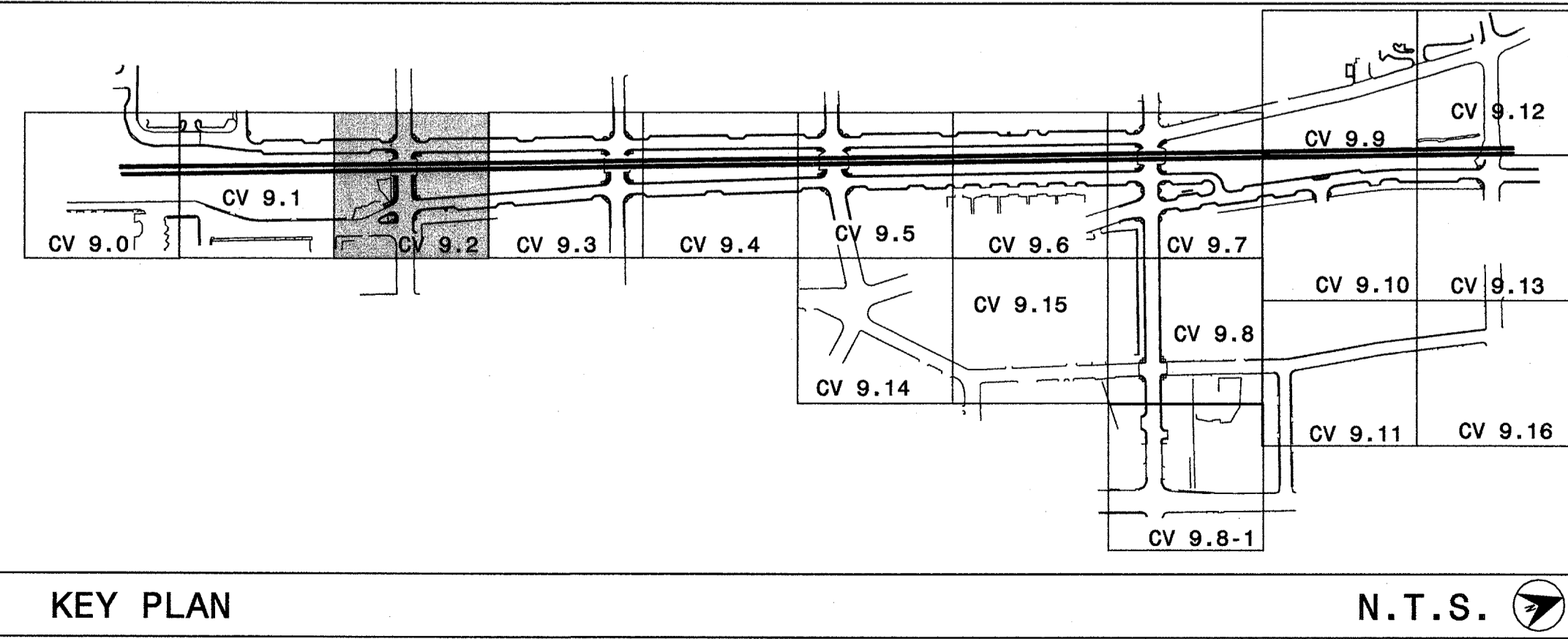
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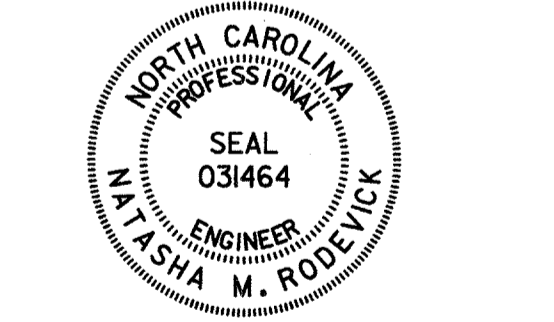


URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II
PROPOSED SIGNING PLAN

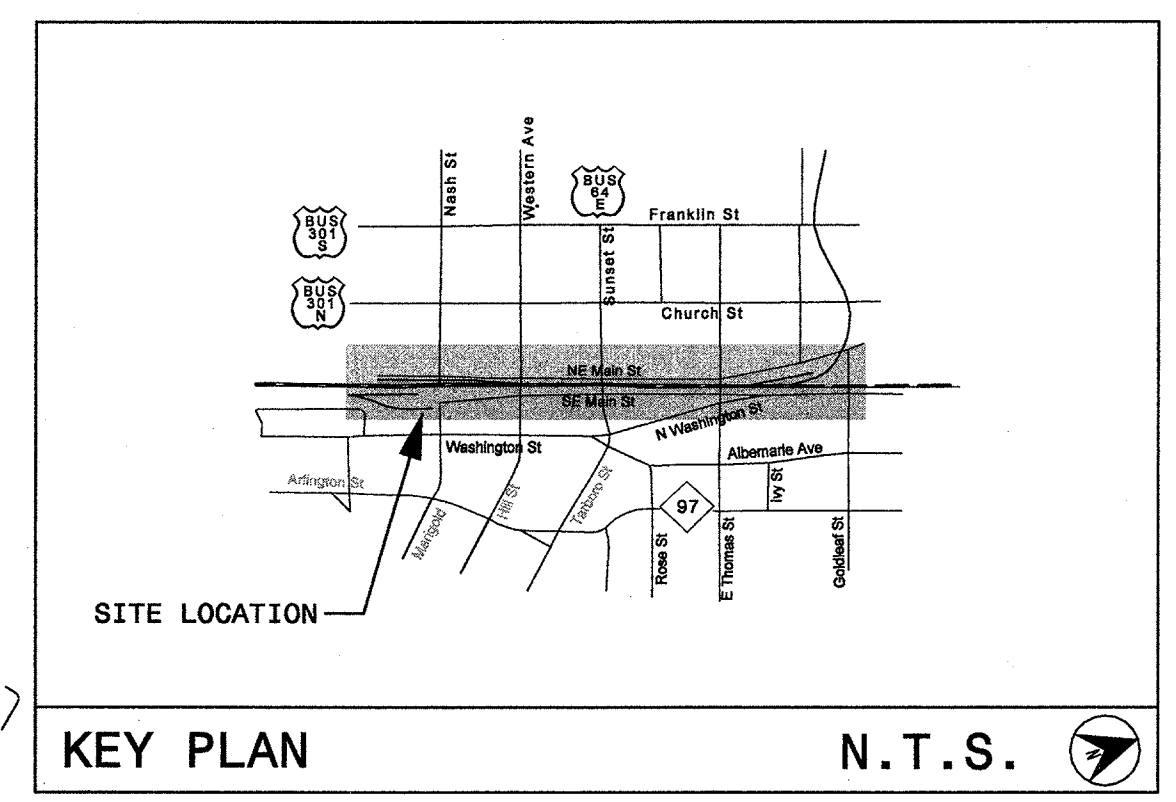
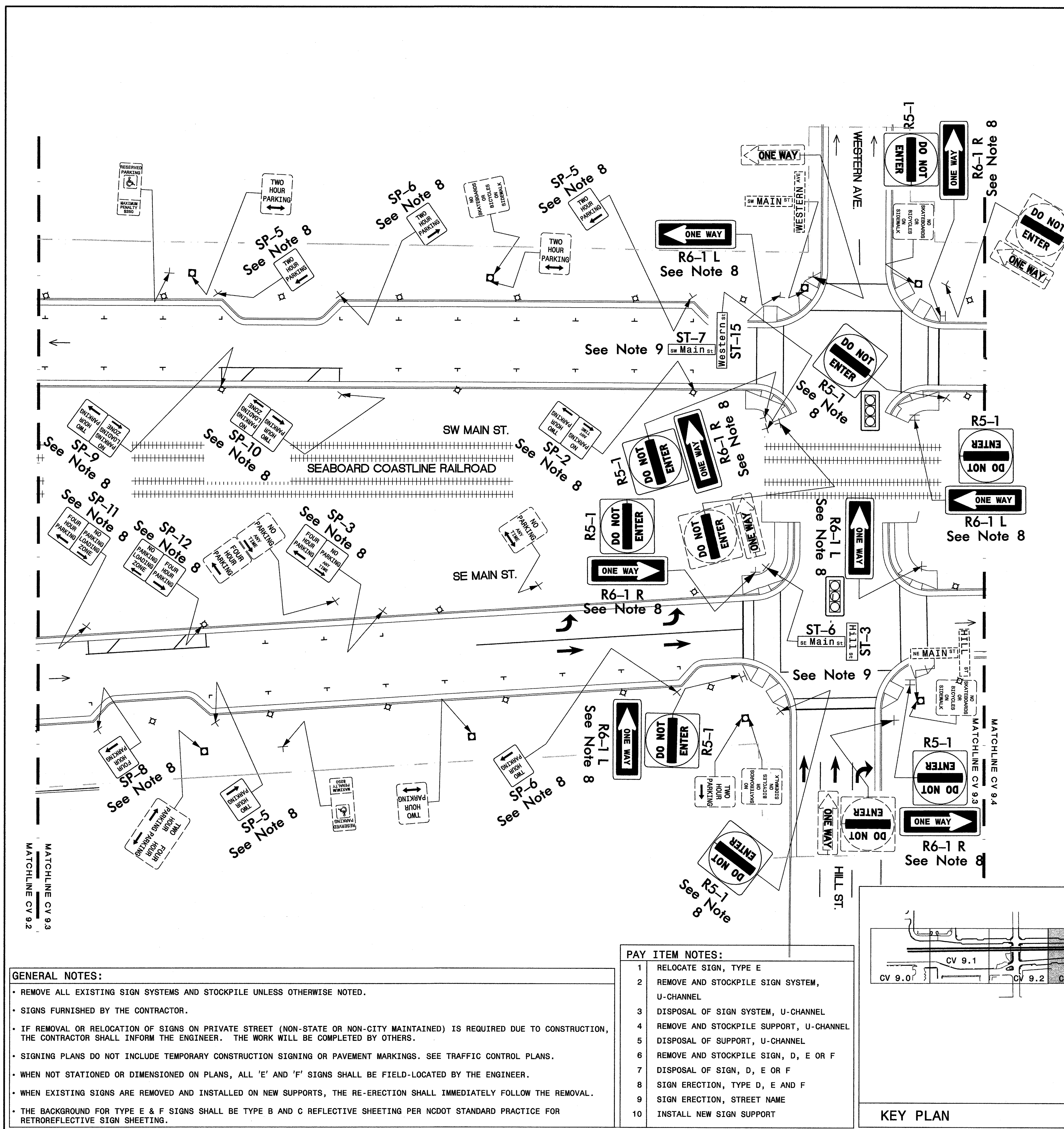
PROJECT NUMBER: 50219
 ISSUED: 04.22.10
 REVISED: # COMMENTS:

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Signature: *N. Asha M. Royle* 4-22-10
 DATE: 4-22-10
 SCALE: 1"=20'

CV 9.2
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 Cole, Jenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

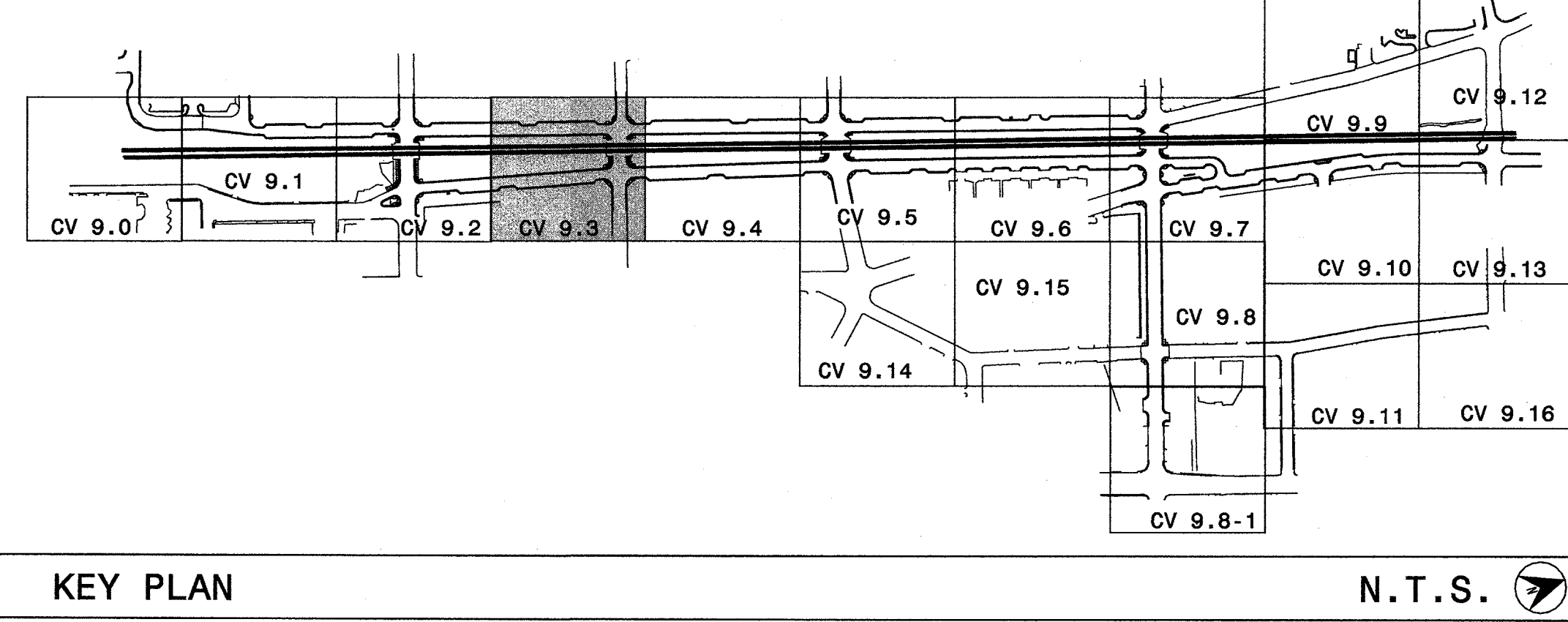
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



GENERAL NOTES:

- REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.
- SIGNS FURNISHED BY THE CONTRACTOR.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE OR NON-CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD-LOCATED BY THE ENGINEER.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT

Harvie & Associates, Inc.
 Irrigation
 MORTAR&ink
 elm
HNTB
 Cole, Jenest & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

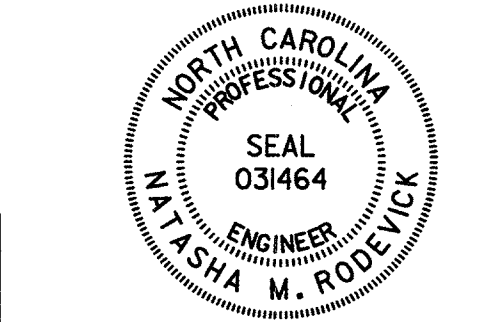
PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

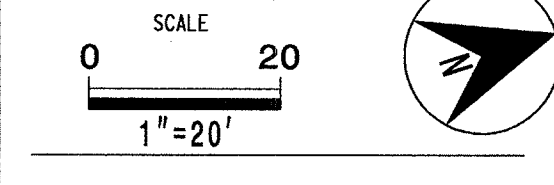
ISSUED:
04.22.10

REVISED: # COMMENTS:

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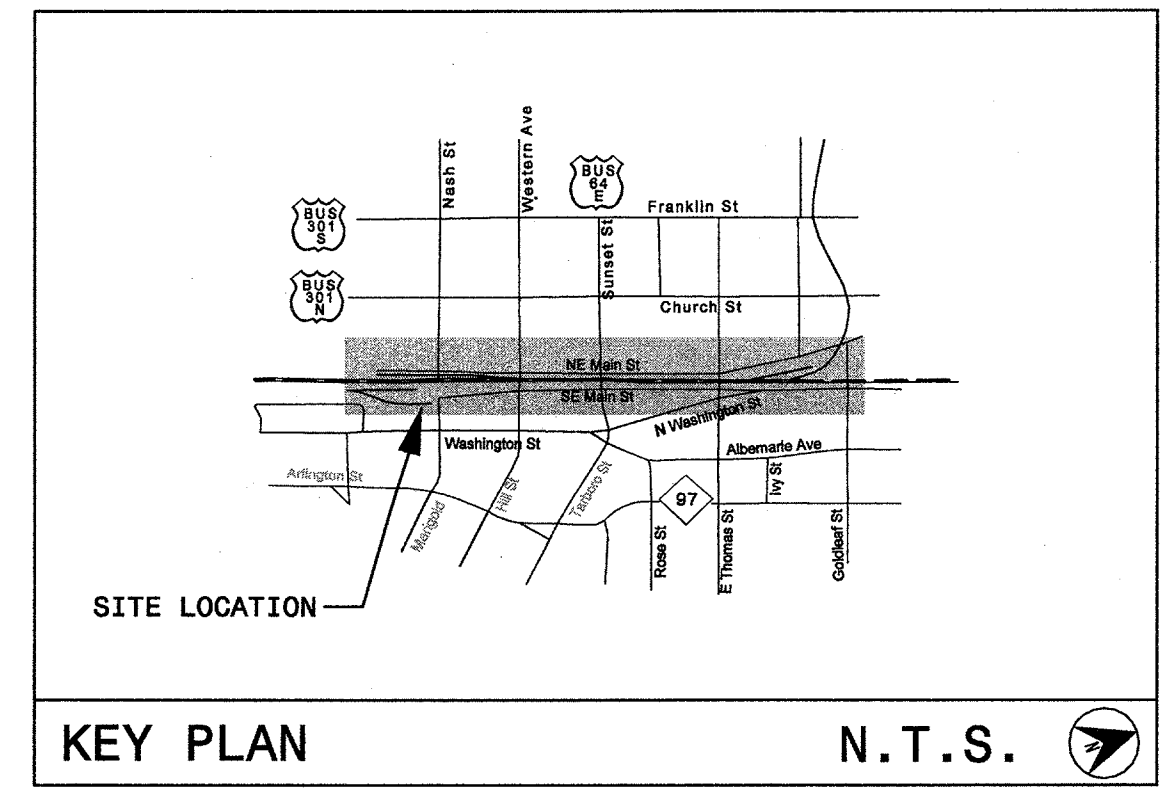
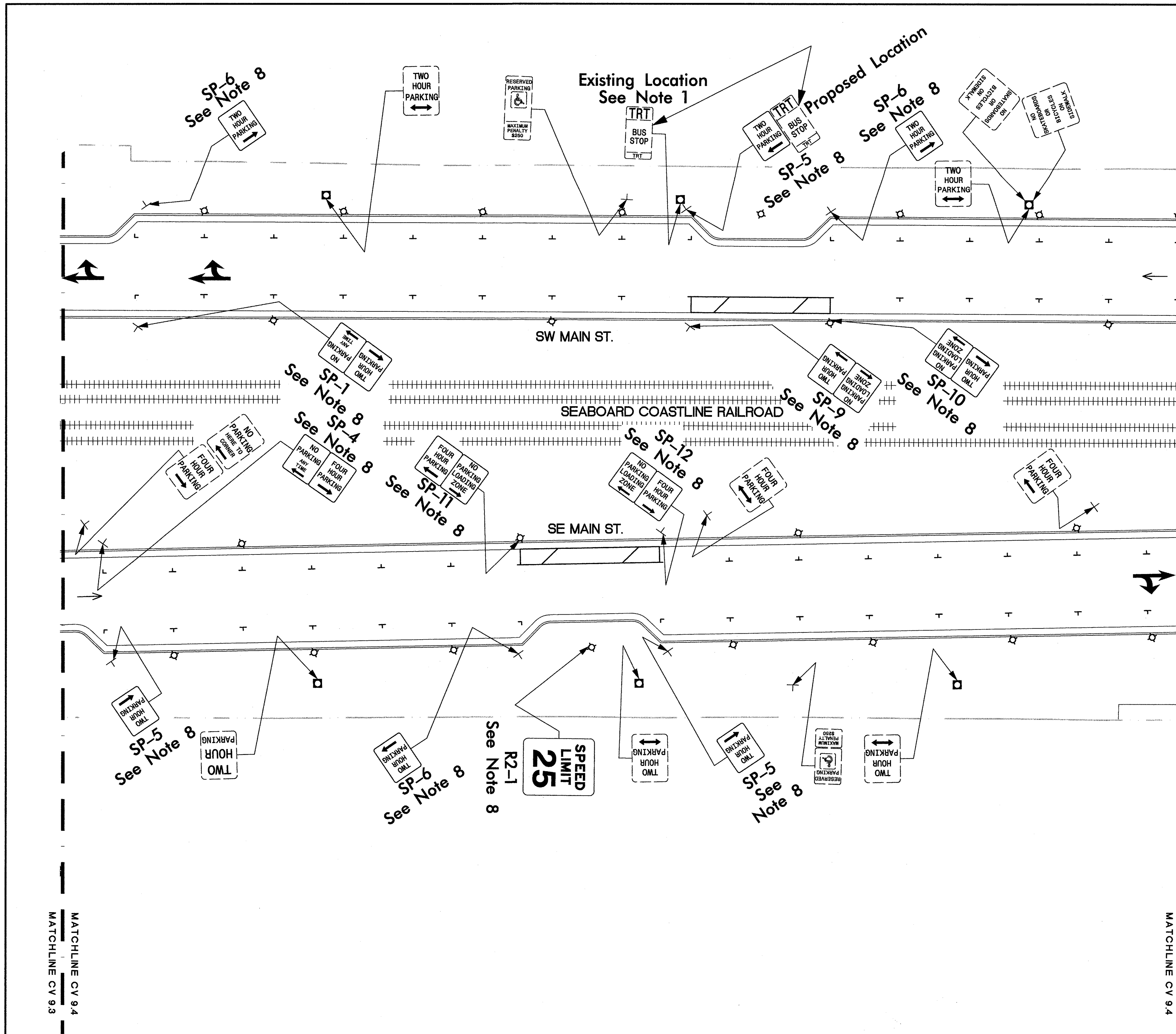


Signature: *Natasha M. Rozevick* 4-22-10
 DATE



CV 9.3

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 Cole, Jenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	▲
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

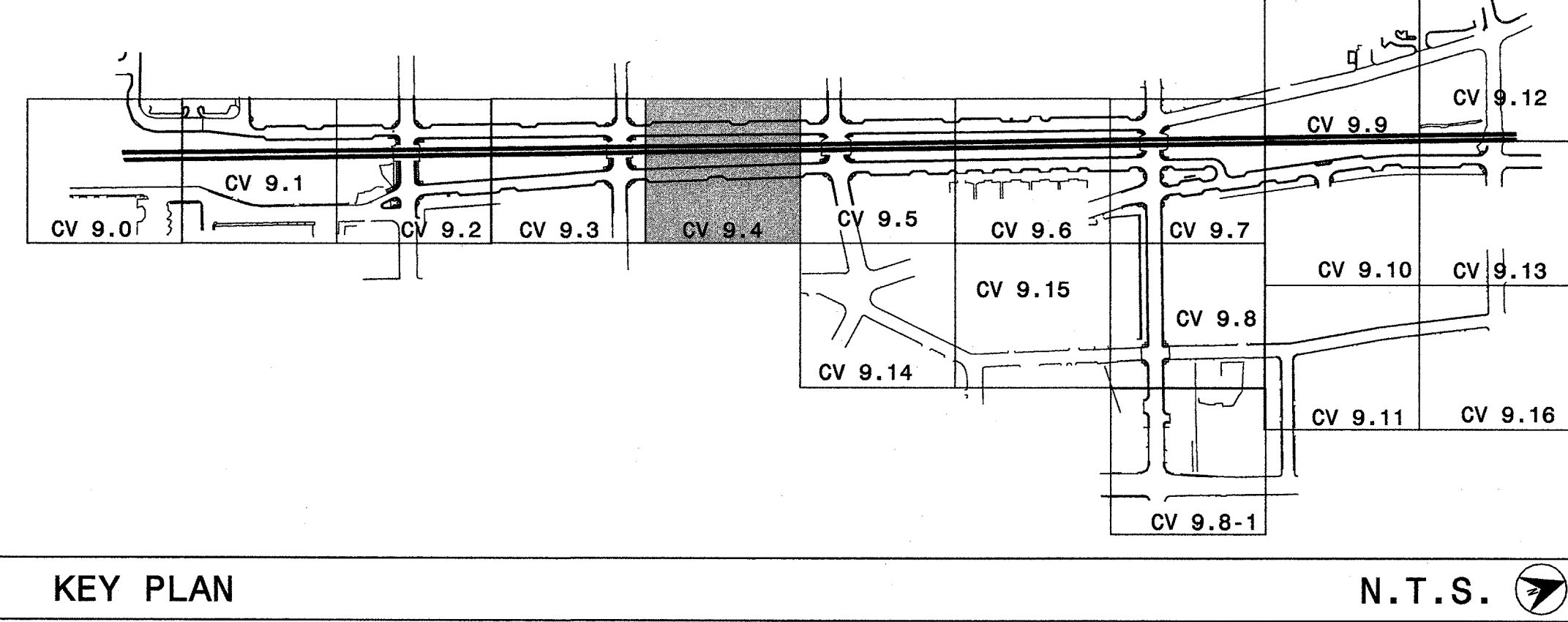
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

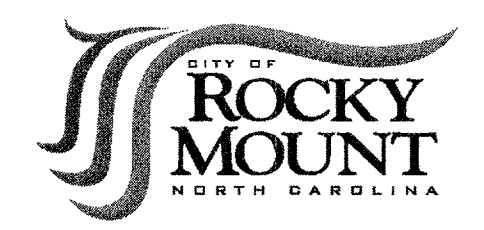


GENERAL NOTES:

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- SIGNS FURNISHED BY THE CONTRACTOR.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE OR NON-CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
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- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

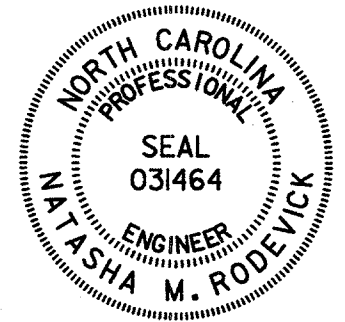
PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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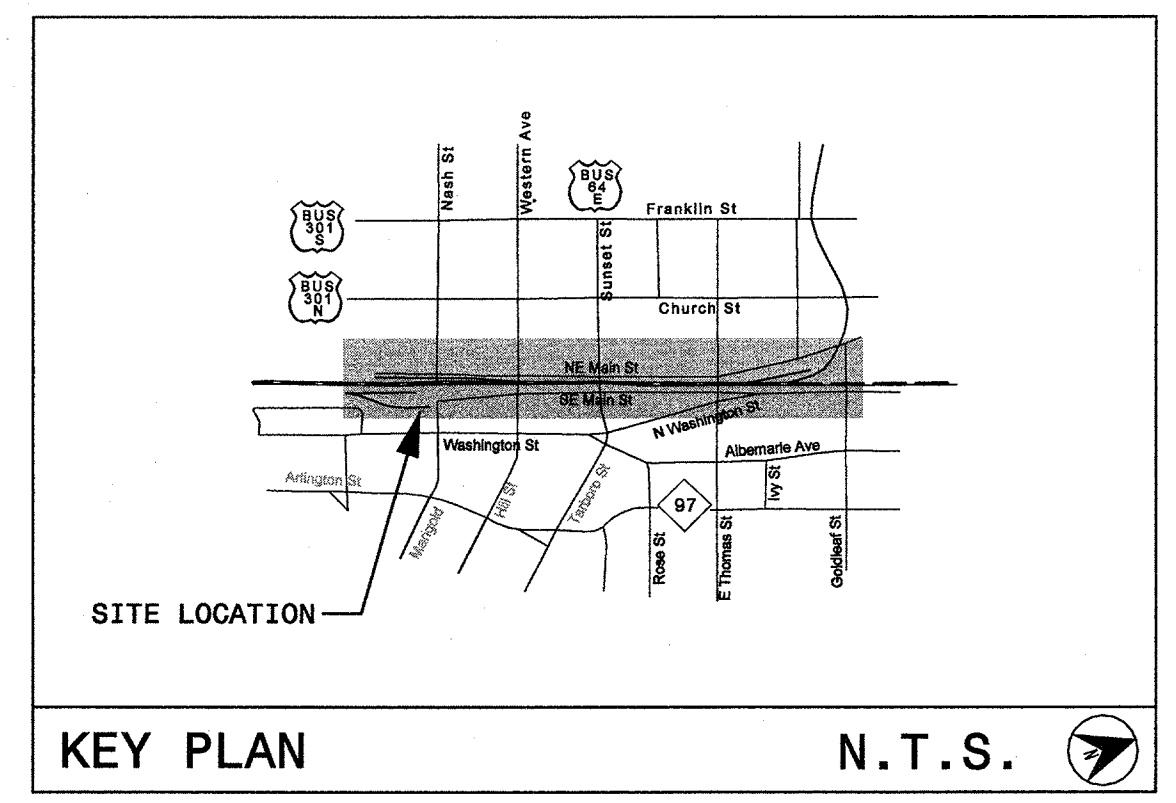
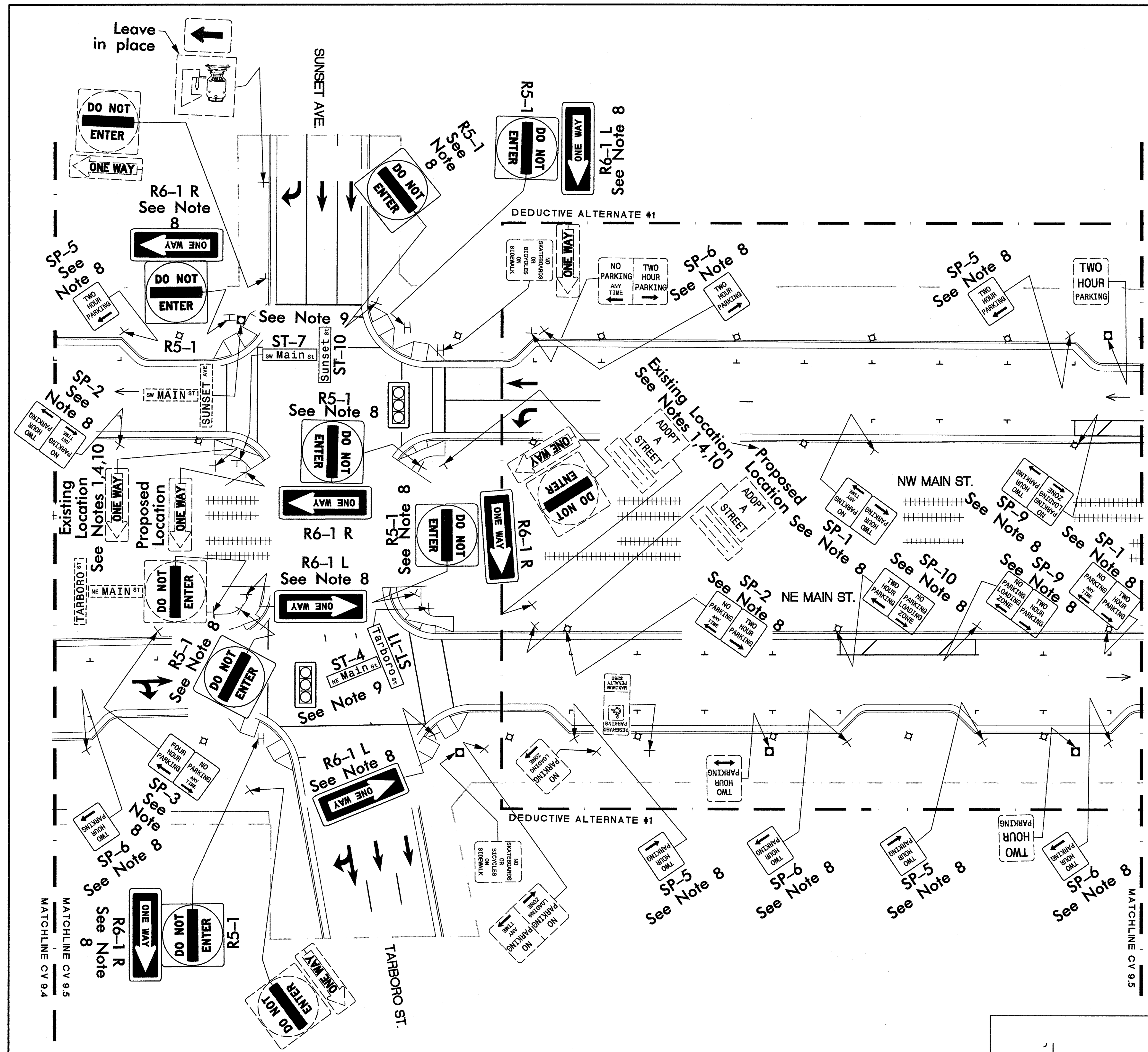


Natasha M. Rodevick 4-22-10
SIGNATURE DATE

SCALE
0 20
1"=20'

CV 9.4

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 Cole, Jenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	II
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

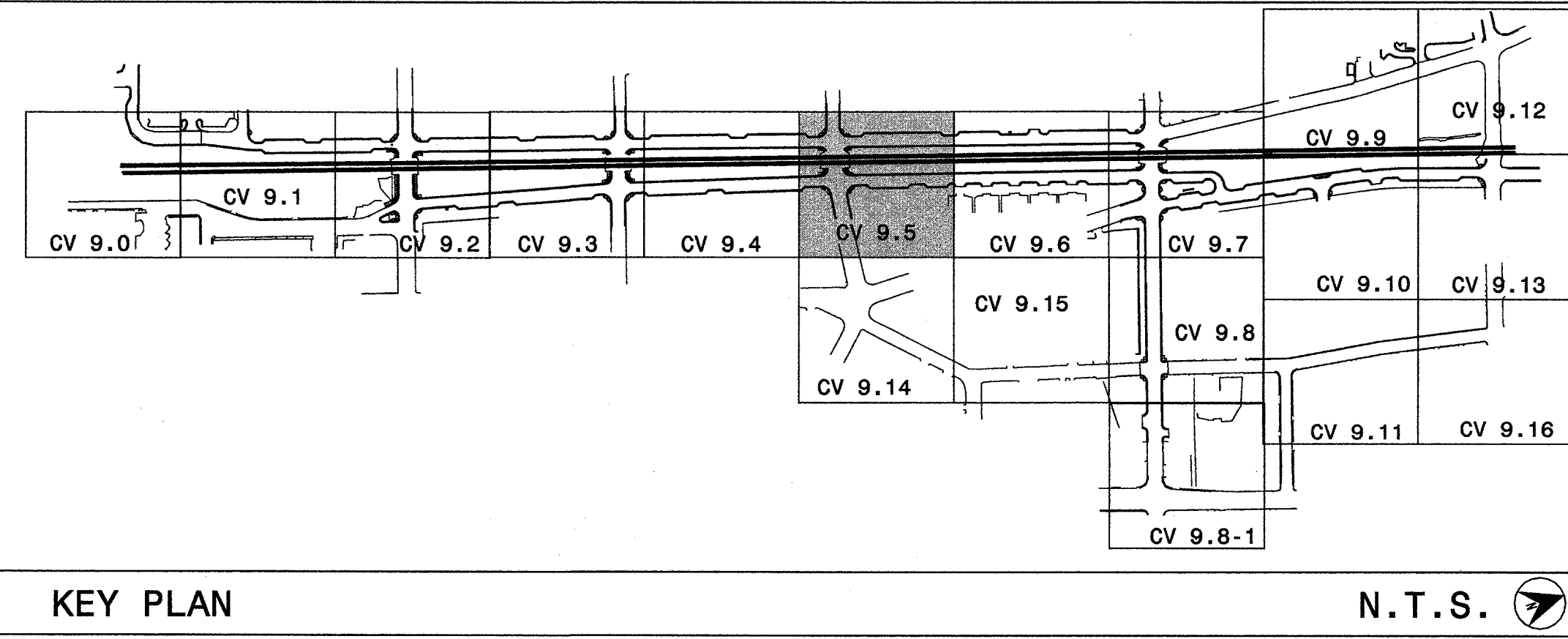
Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 349 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

GENERAL NOTES:

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PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219
 ISSUED: 04.22.10
 REVISED: # COMMENTS:

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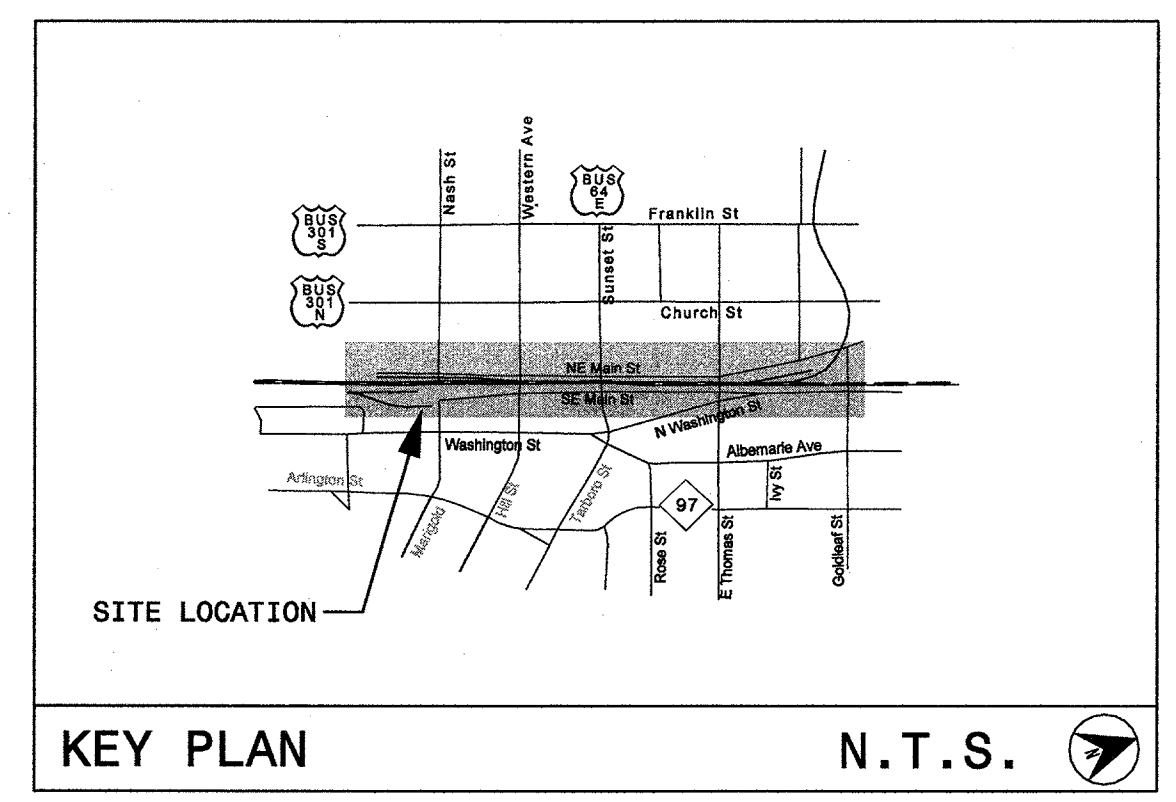
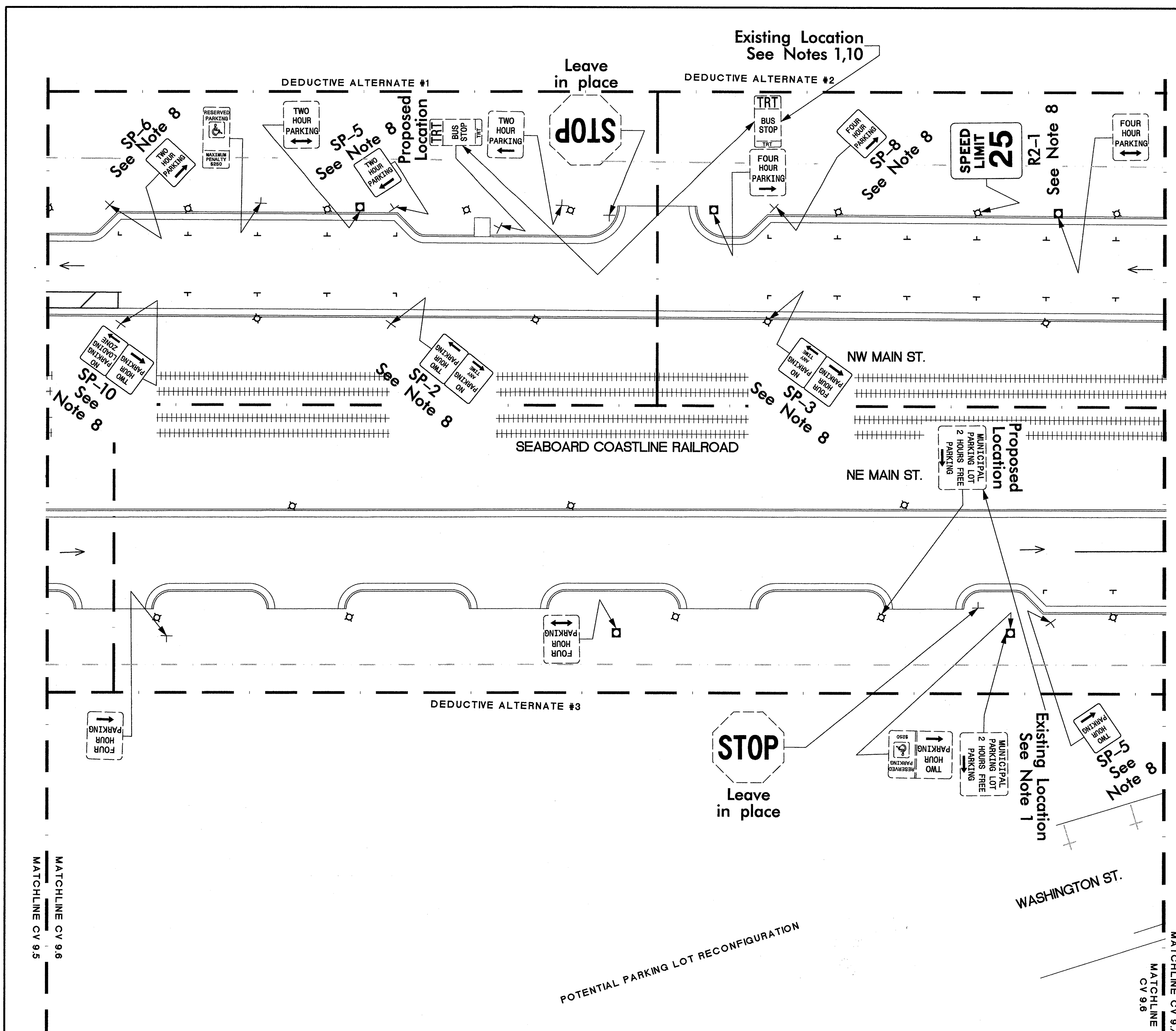


Signature: *Natasha M. Radford* 4-22-10
 DATE

SCALE: 1"=20'

CV 9.5

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 Cole, Jarrett & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

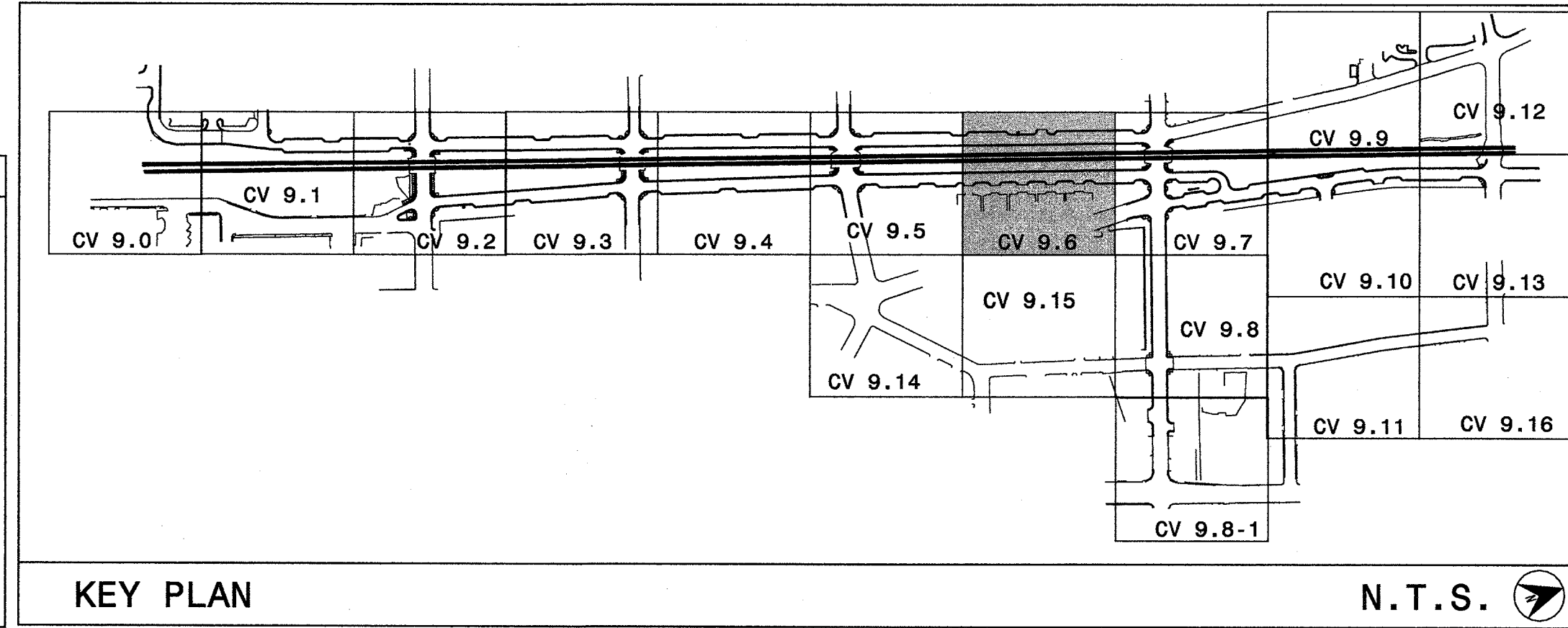
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

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Prepared by:
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 349 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

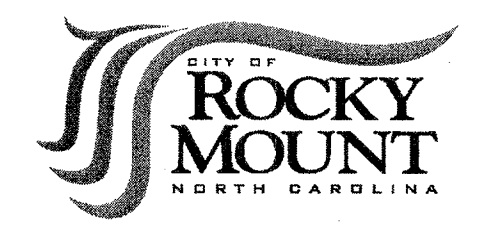


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PAY ITEM NOTES:

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2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
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7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

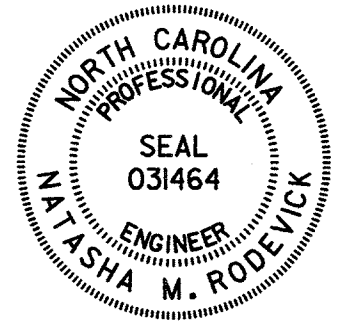
PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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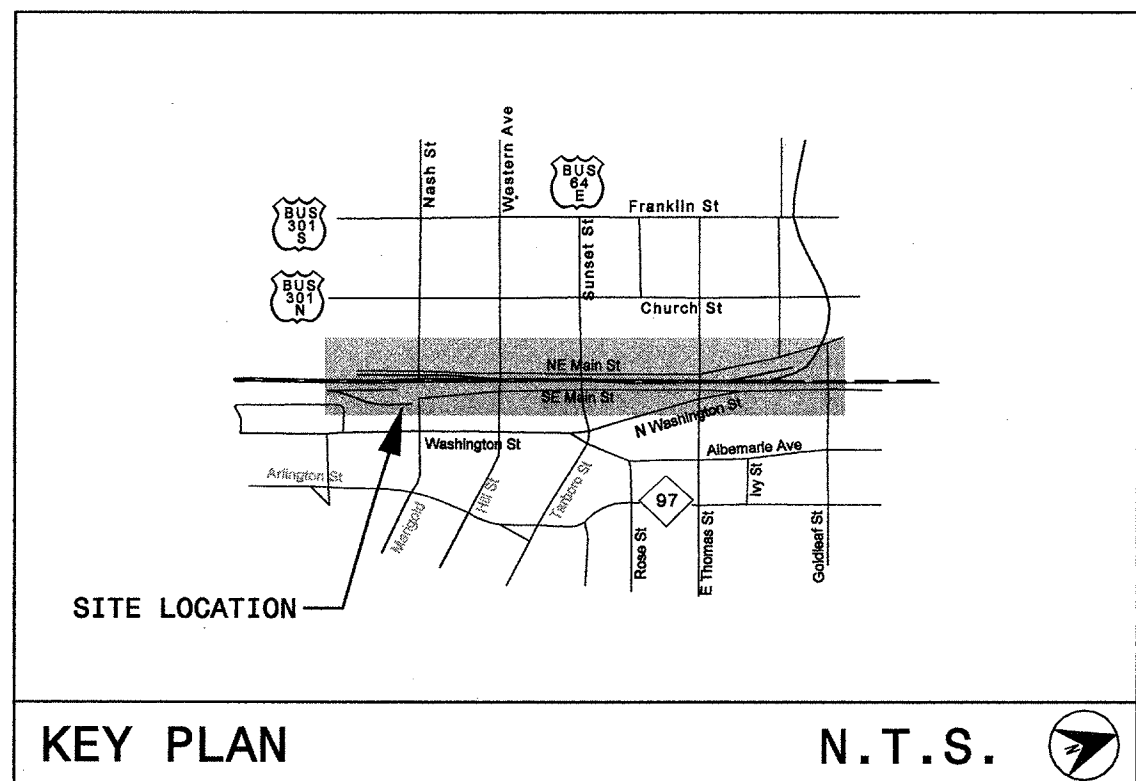
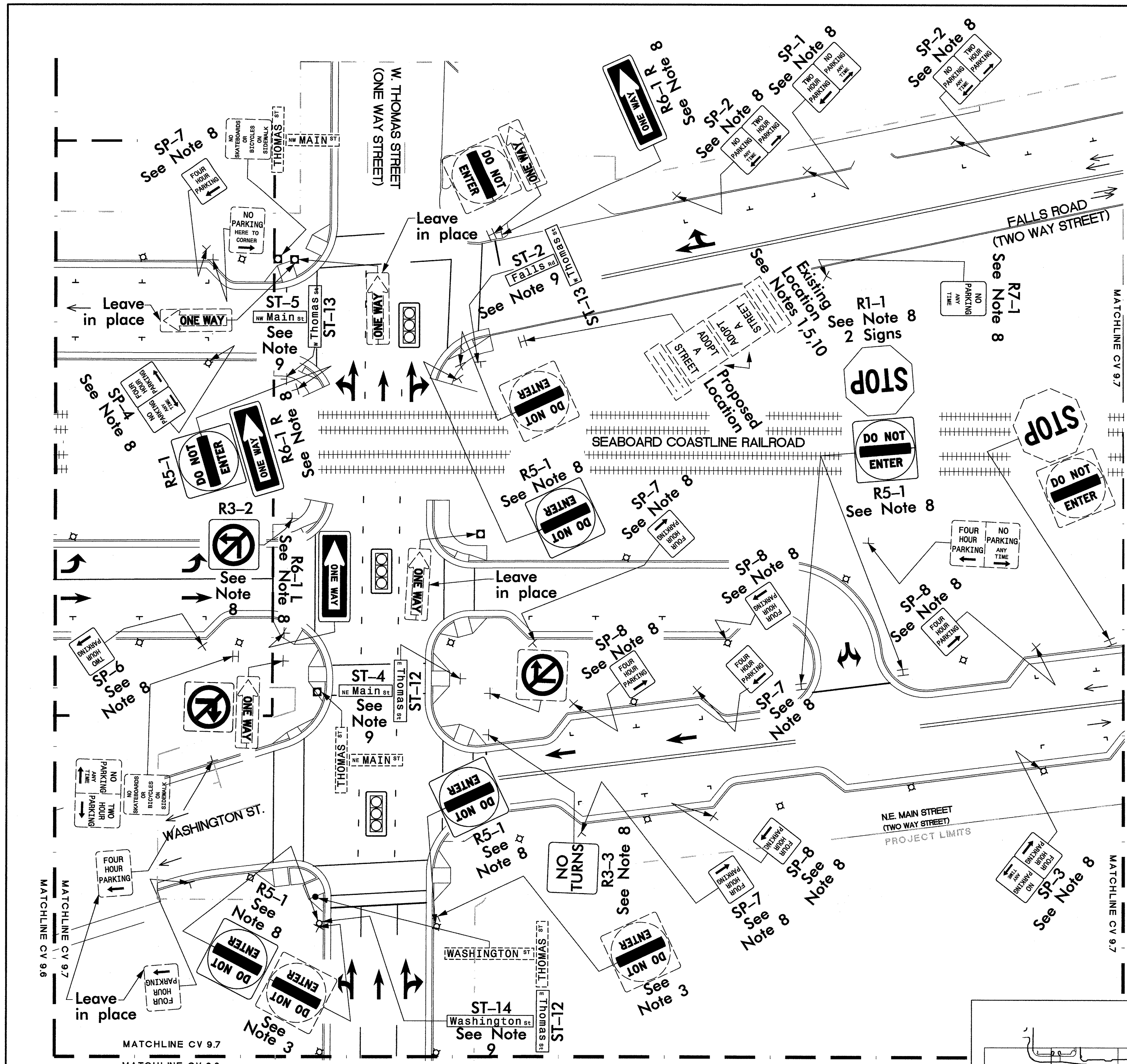


Matocha A. Rodejick 4.22.10
 SIGNATURE DATE

SCALE
 0 20
 1"=20'

CV 9.6

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 ColeJenest & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	□
Sign Post	⊥
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	⋄
Proposed Metal Light Pole	◻
Existing Metal Pole	◻
Existing Wood Pole	●
Direction of Traffic Flow	→

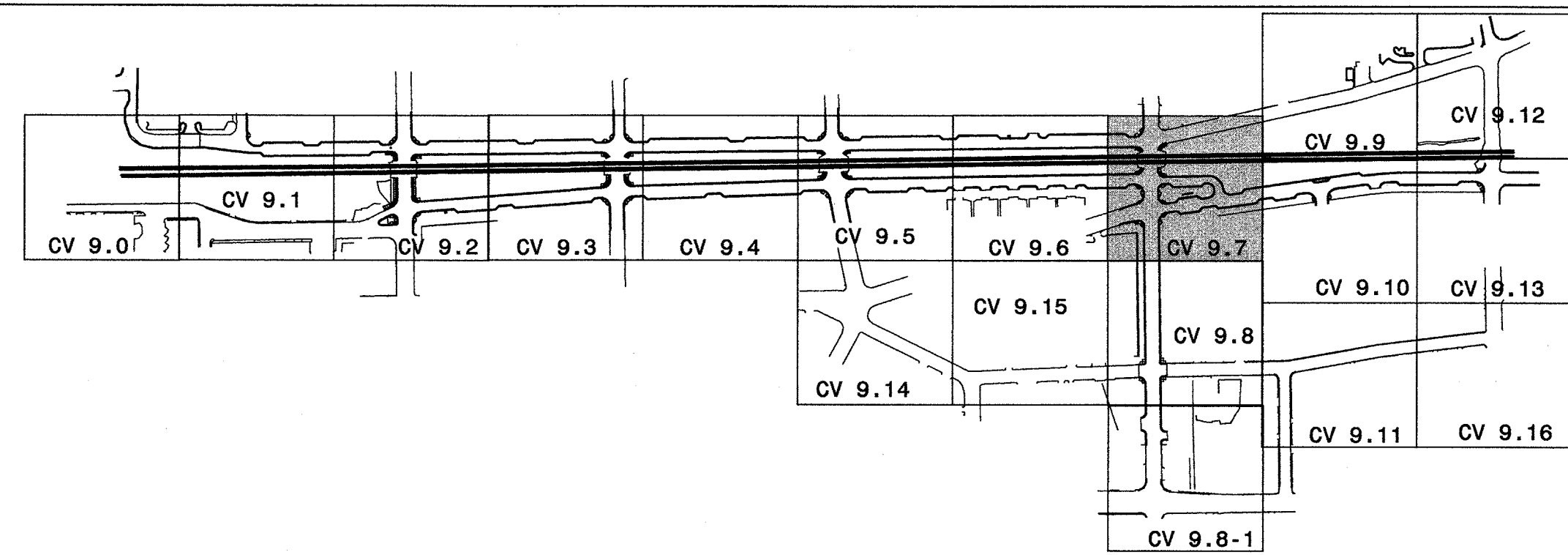
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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



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PAY ITEM NOTES:

- RELOCATE SIGN, TYPE E
- REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
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- DISPOSAL OF SIGN, D, E OR F
- SIGN ERECTION, TYPE D, E AND F
- SIGN ERECTION, STREET NAME
- INSTALL NEW SIGN SUPPORT

Harris & Associates, Inc.
 Irrigation Consultants

MORTARSink
 Graphic Design for the Real World

elm

HNTB

ColeJenest & Stone



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

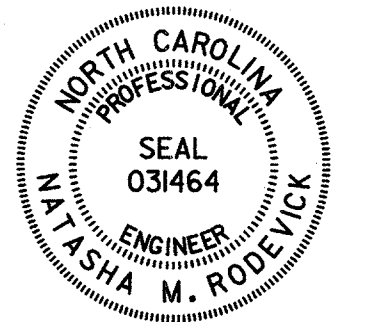
PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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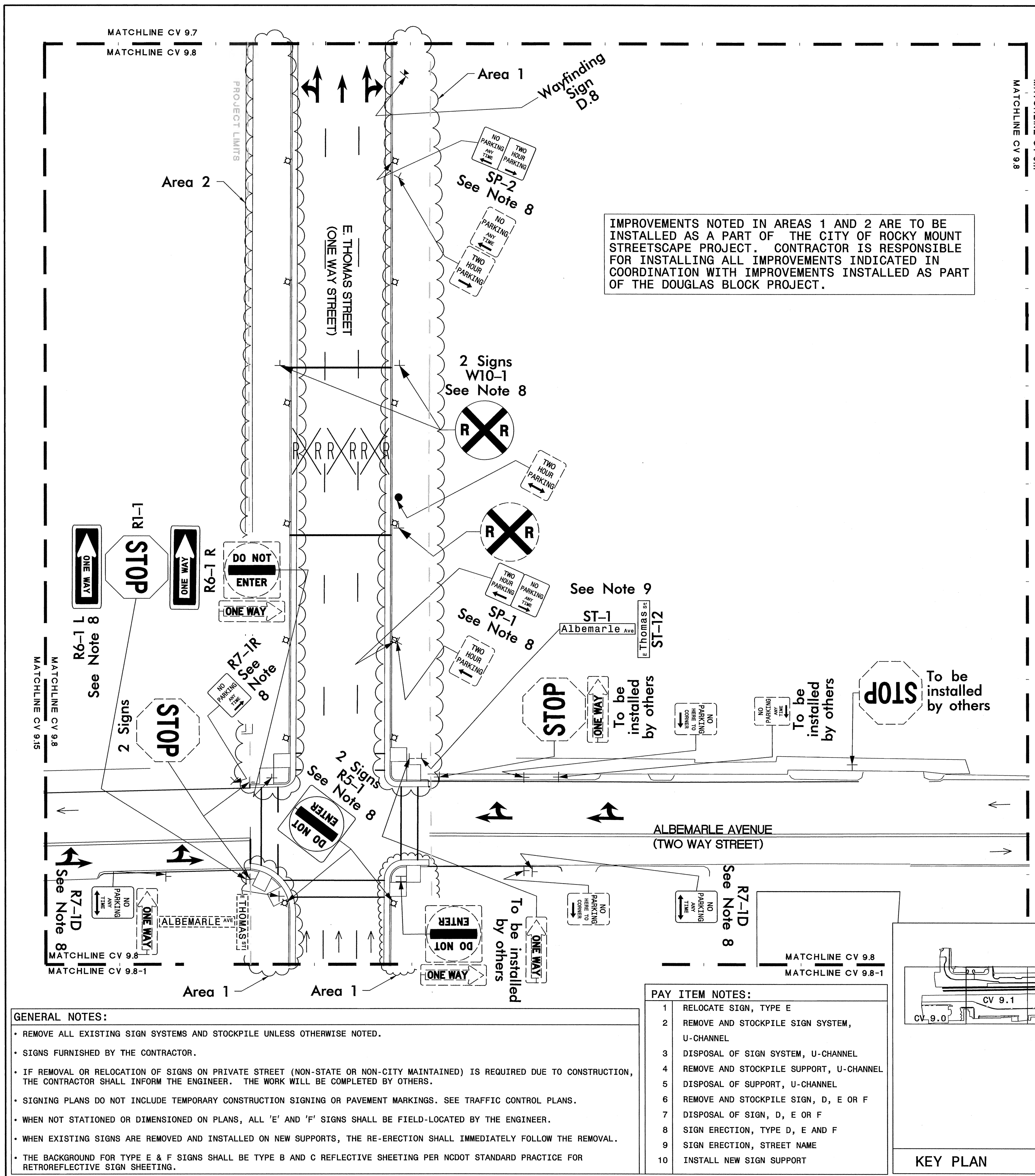
Natasha A. Rodrick 4-22-10
 SIGNATURE DATE

SCALE
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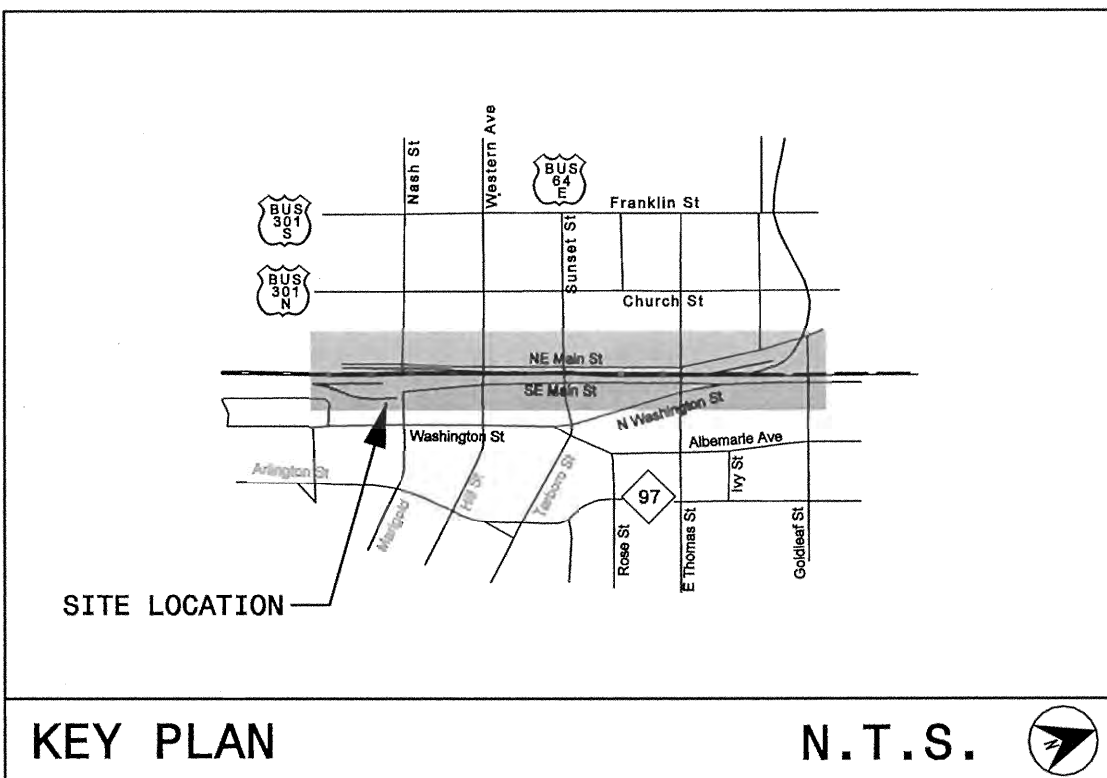
CV 9.7

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IMPROVEMENTS NOTED IN AREAS 1 AND 2 ARE TO BE INSTALLED AS A PART OF THE CITY OF ROCKY MOUNT STREETScape PROJECT. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENTS INDICATED IN COORDINATION WITH IMPROVEMENTS INSTALLED AS PART OF THE DOUGLAS BLOCK PROJECT.



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	◻
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	▲
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

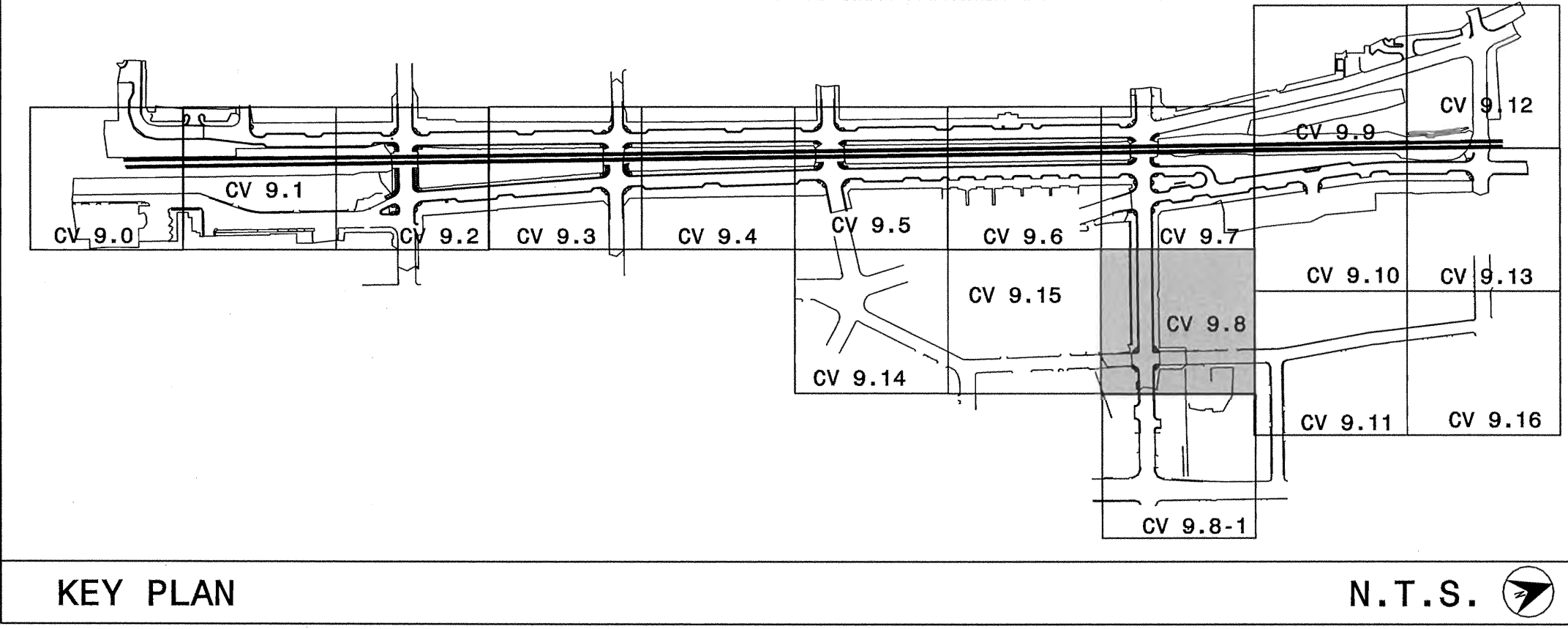
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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1594



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- PAY ITEM NOTES:**
- RELOCATE SIGN, TYPE E
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 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
 - DISPOSAL OF SUPPORT, U-CHANNEL
 - REMOVE AND STOCKPILE SIGN, D, E OR F
 - DISPOSAL OF SIGN, D, E OR F
 - SIGN ERECTION, TYPE D, E AND F
 - SIGN ERECTION, STREET NAME
 - INSTALL NEW SIGN SUPPORT



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

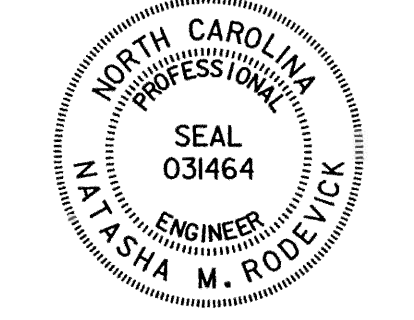
PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

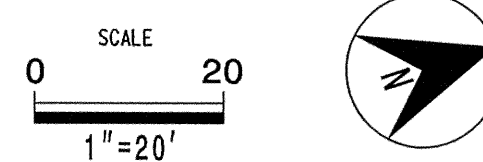
ISSUED:
04.22.10

REVISED: # COMMENTS:

11-01-10	1	Updated DB Signs
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Signature: *Nathan Redbird* DATE: 4-22-10



CV 9.8

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Cole, Jarrett & Stone
ENGINEERS
ARCHITECTS
PLANNERS

CITY OF
ROCKY MOUNT
NORTH CAROLINA

URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED
SIGNING PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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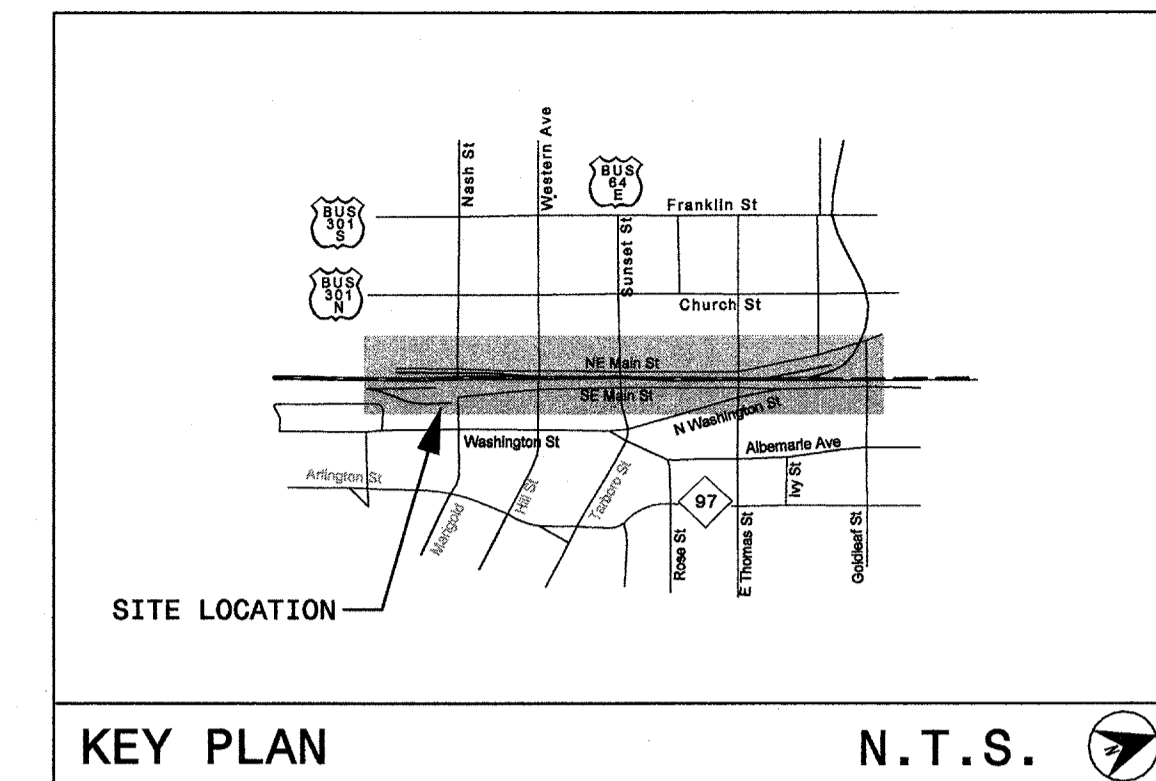


Natalia M. Rodwin 4-22-10
SIGNATURE DATE

SCALE
0 20
1"=20'

CV 9.9

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Cole, Jarrett & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	⋈
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

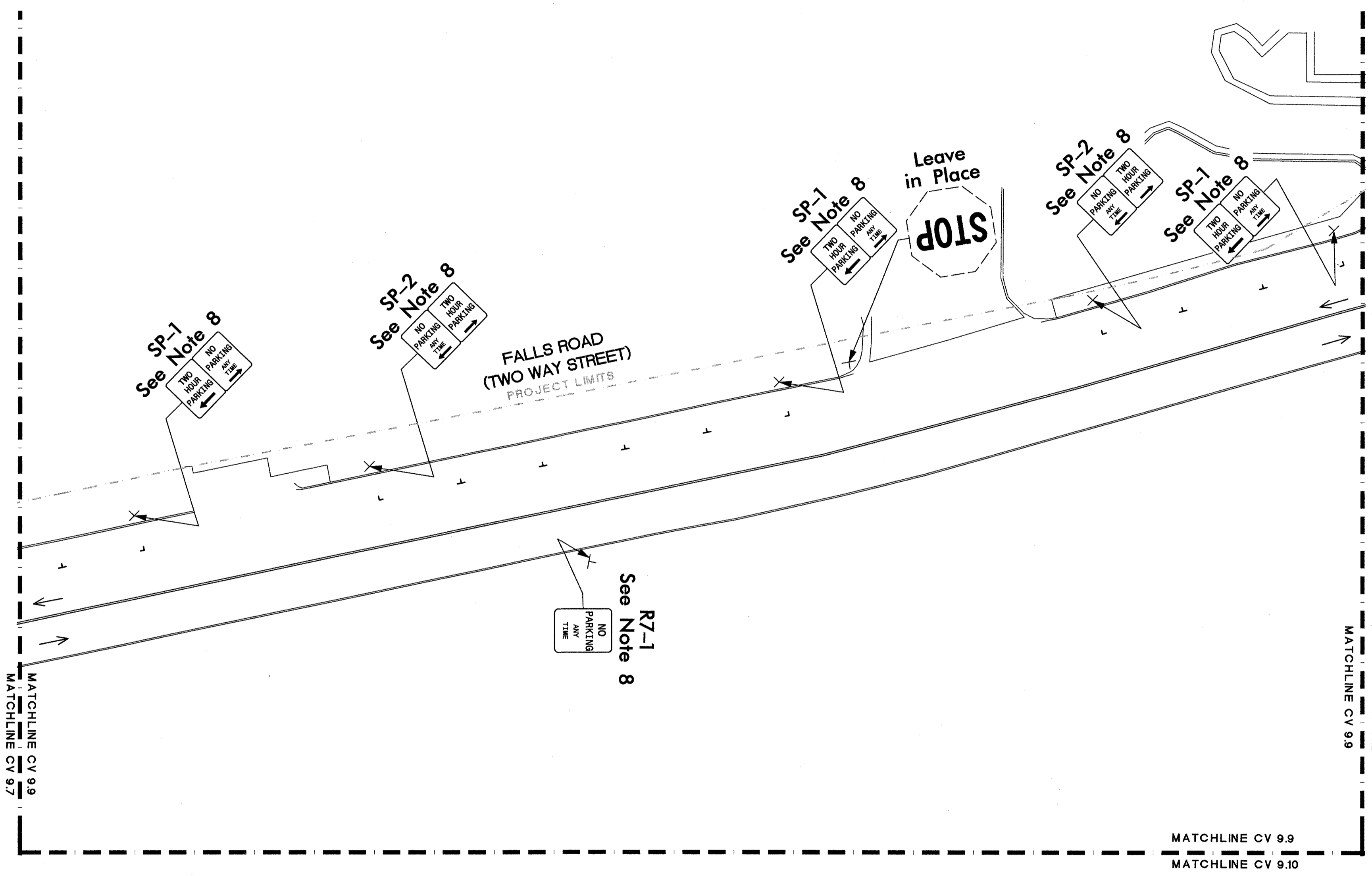
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD
DRAWINGS AND STANDARD
SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
349 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

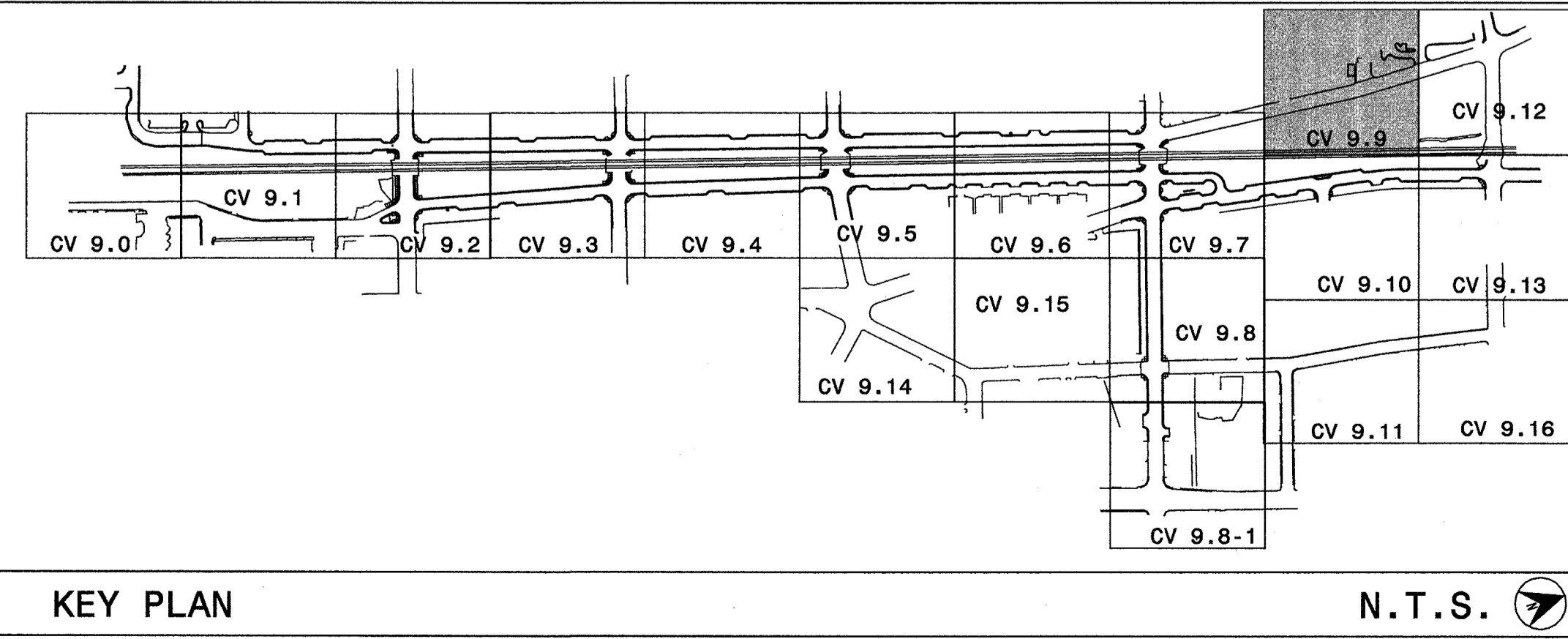


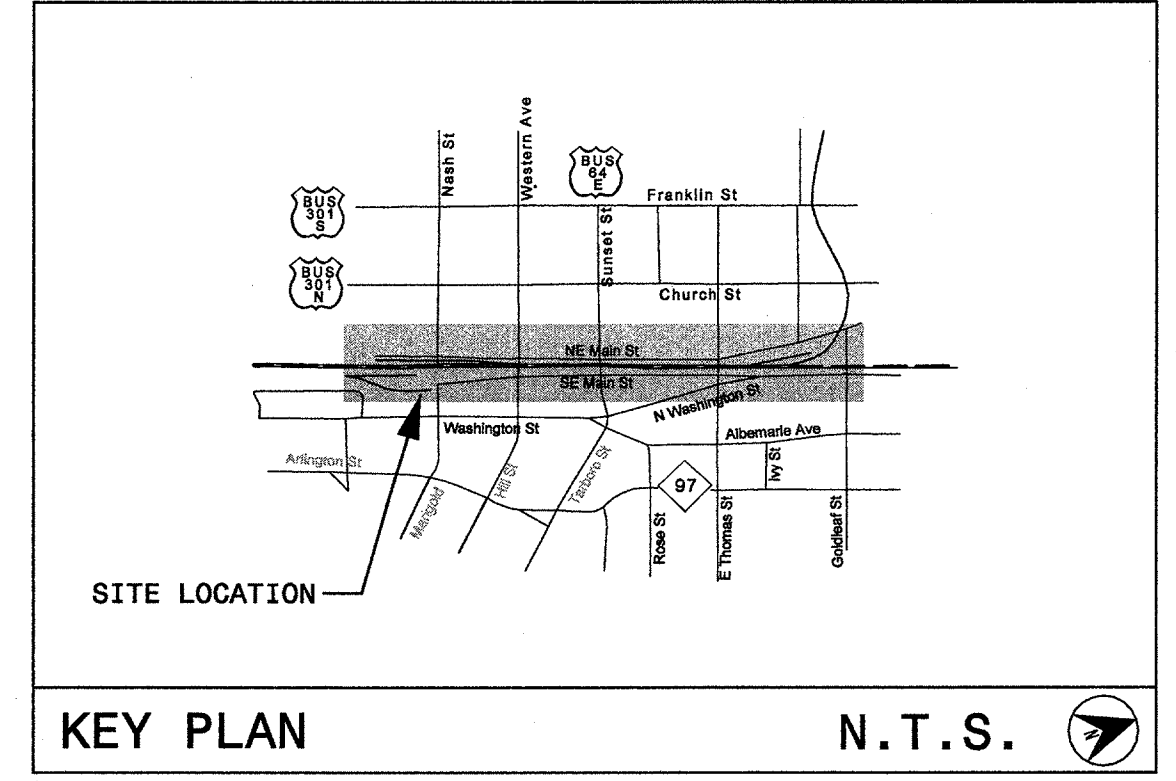
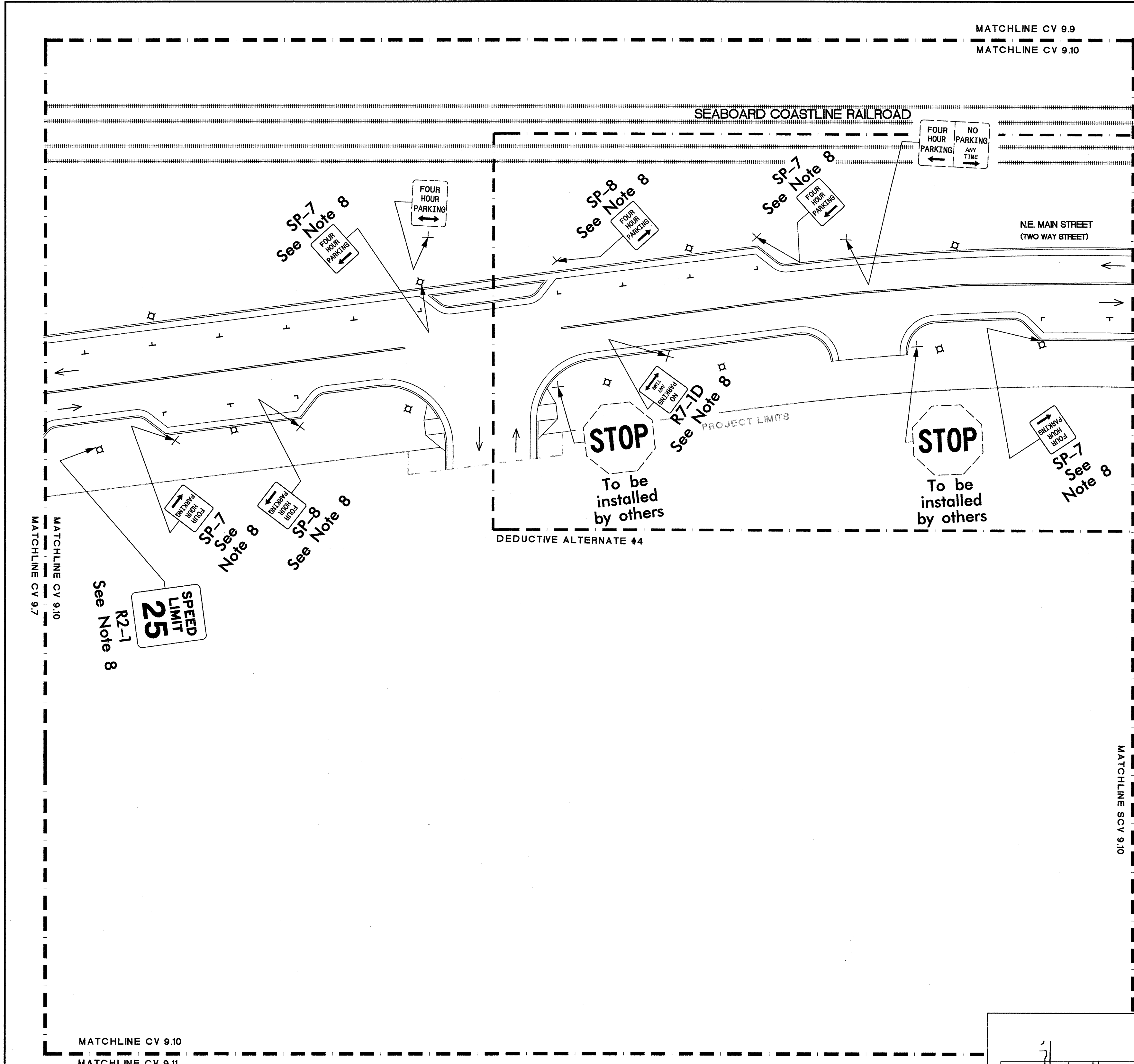
GENERAL NOTES:

- REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.
- SIGNS FURNISHED BY THE CONTRACTOR.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE OR NON-CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
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- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT





LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	□
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	+
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

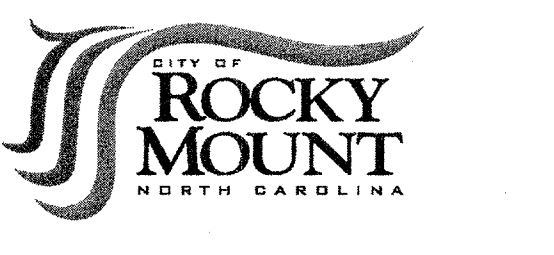
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



URBAN STREETScape PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED SIGNING PLAN

PROJECT NUMBER:

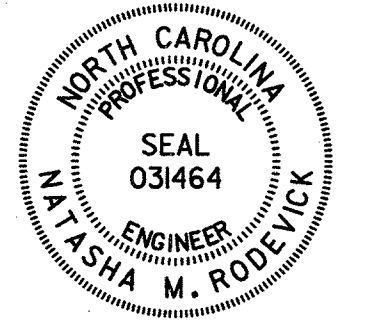
50219

ISSUED:

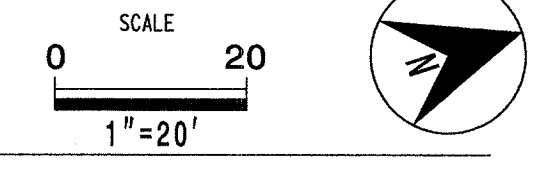
04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Rodrick* DATE: 4.22.10



CV 9.10

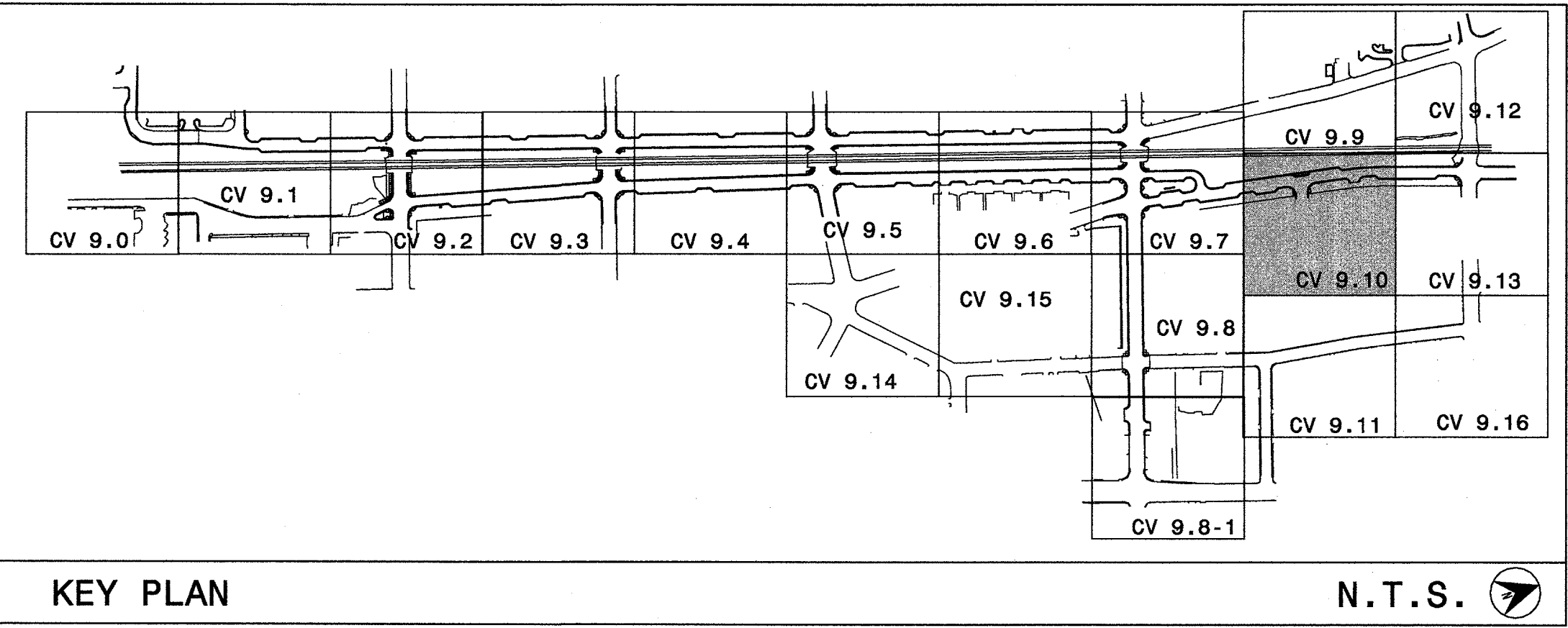
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- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

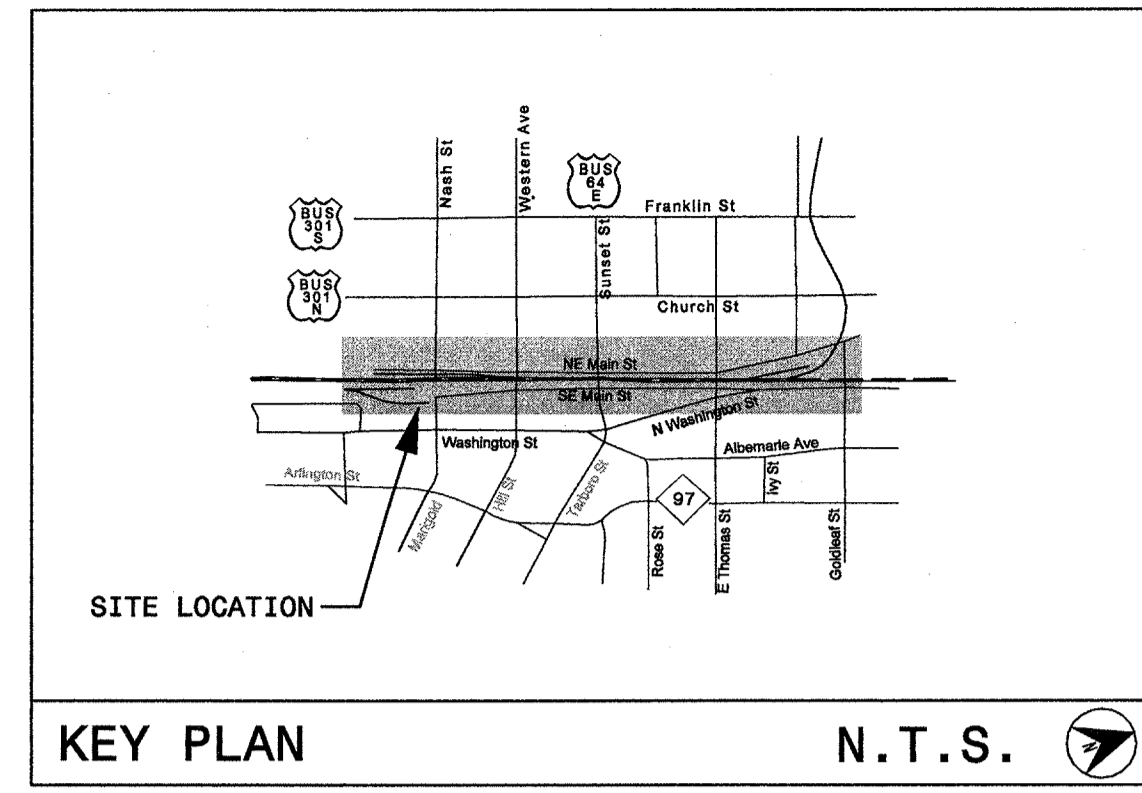
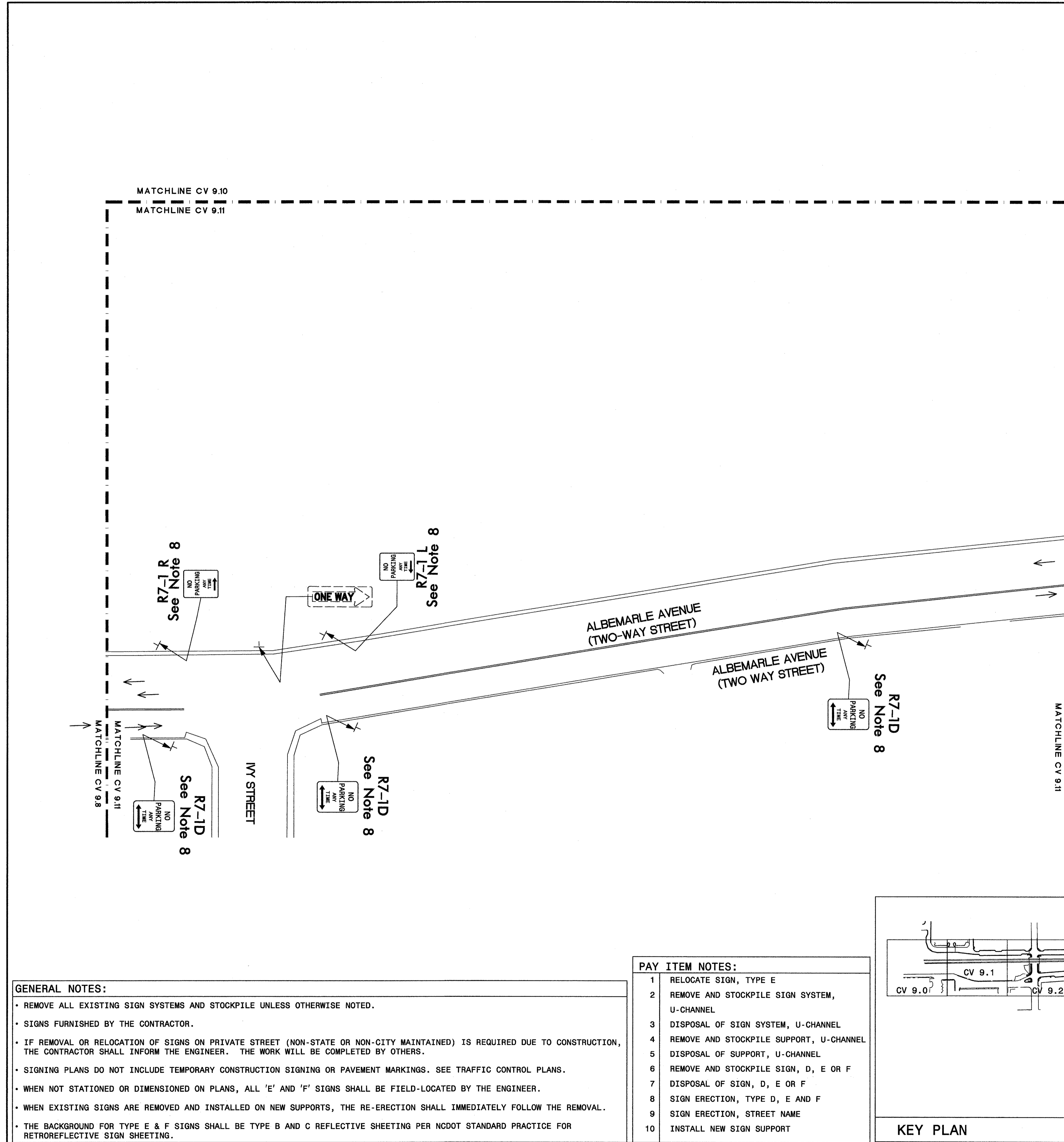
PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



KEY PLAN

N.T.S.



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

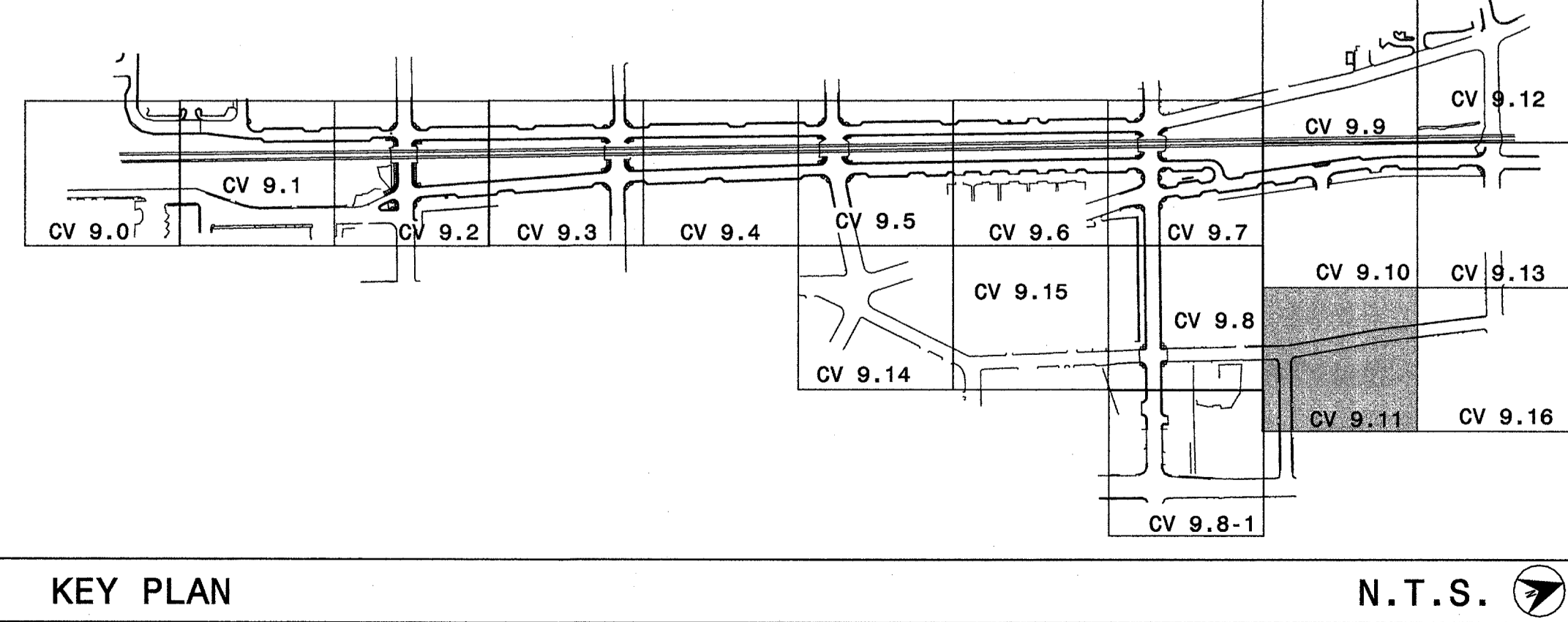
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



GENERAL NOTES:

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PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
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6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

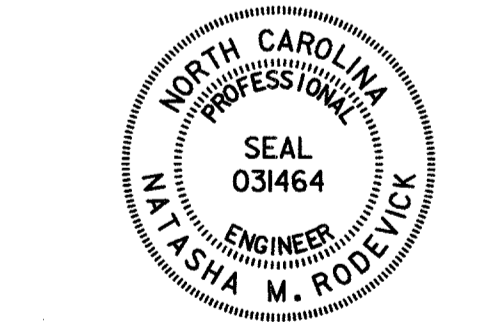
PROPOSED SIGNING PLAN

PROJECT NUMBER:
50219

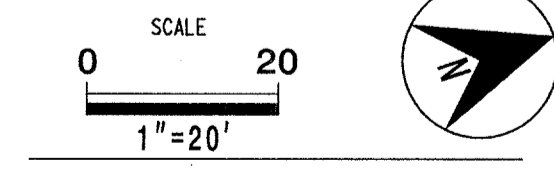
ISSUED:
04.22.10

REVISED: # COMMENTS:

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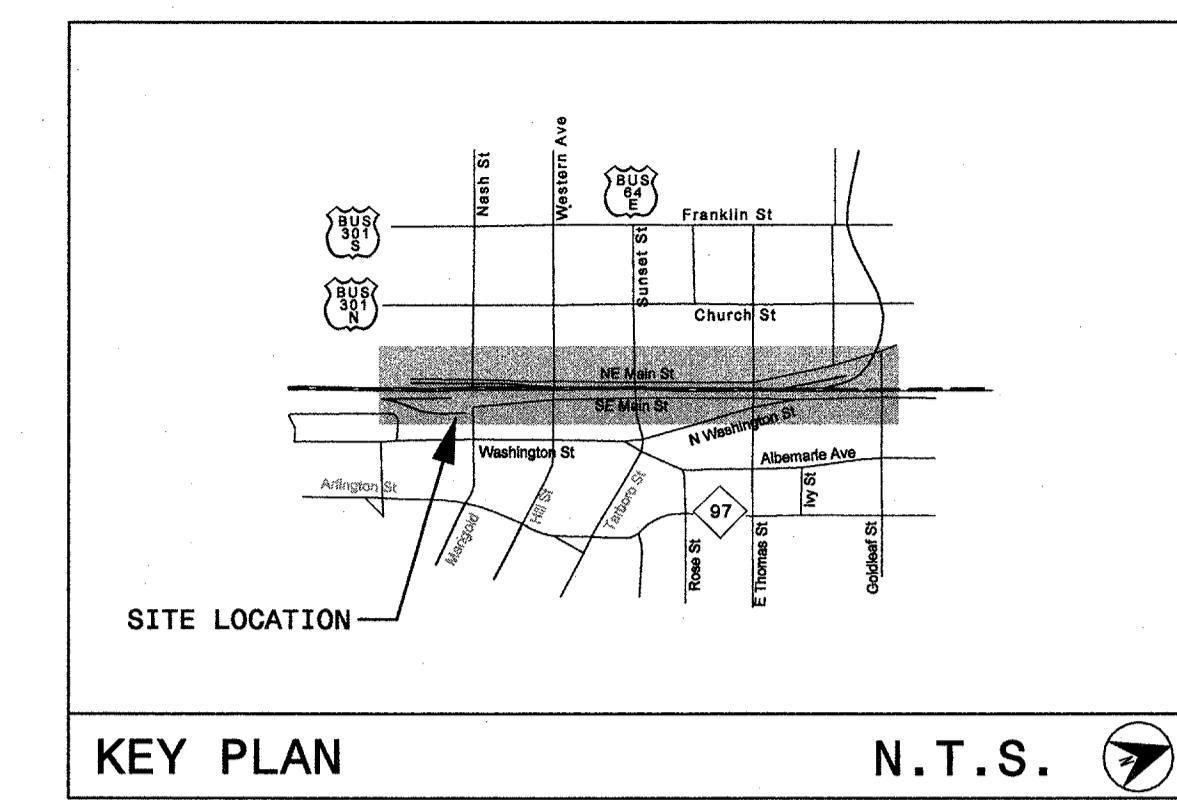
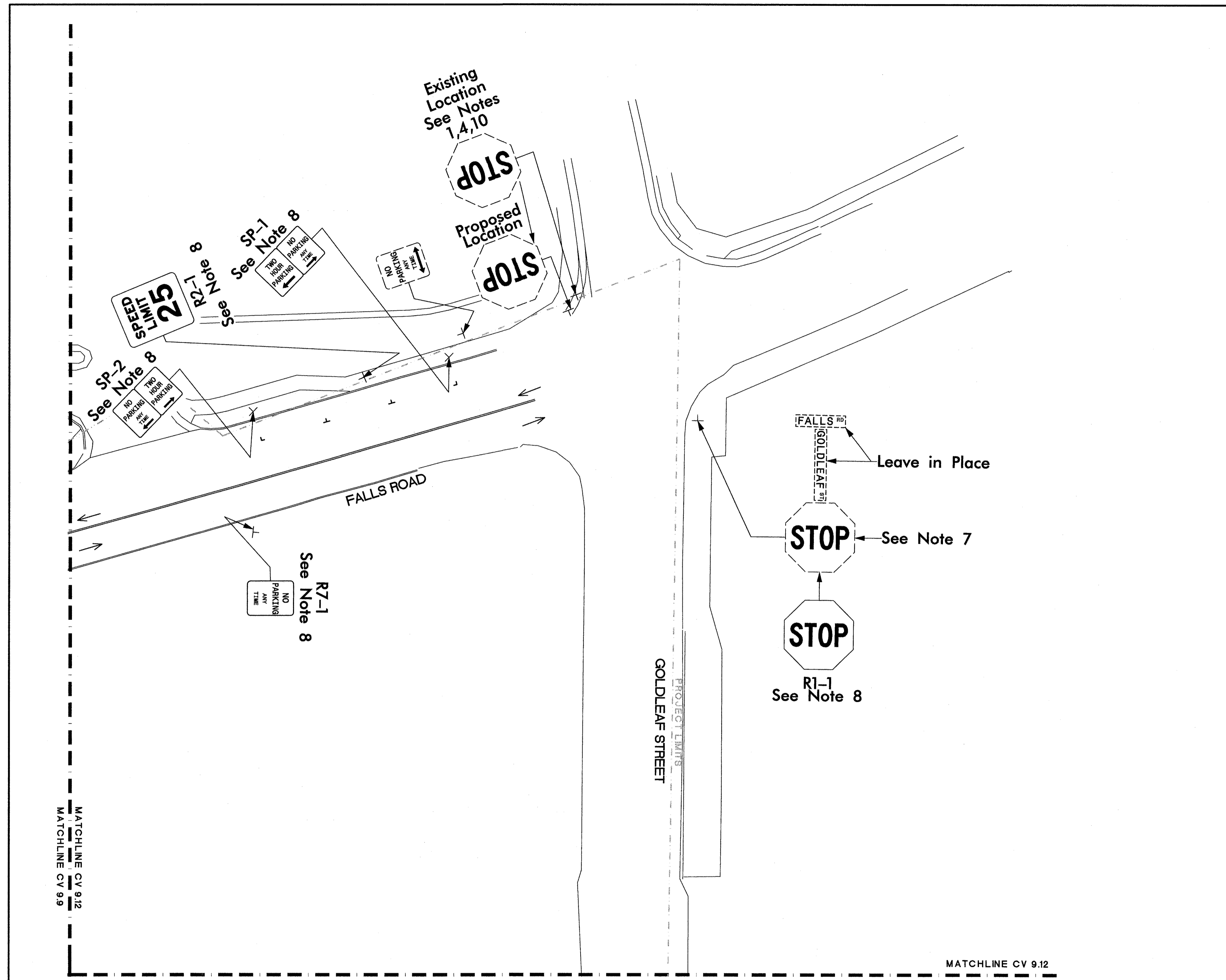


Signature: *Natasha M. Rodrick* DATE: 4.22.10



CV 9.11

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LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	■
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	▲
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

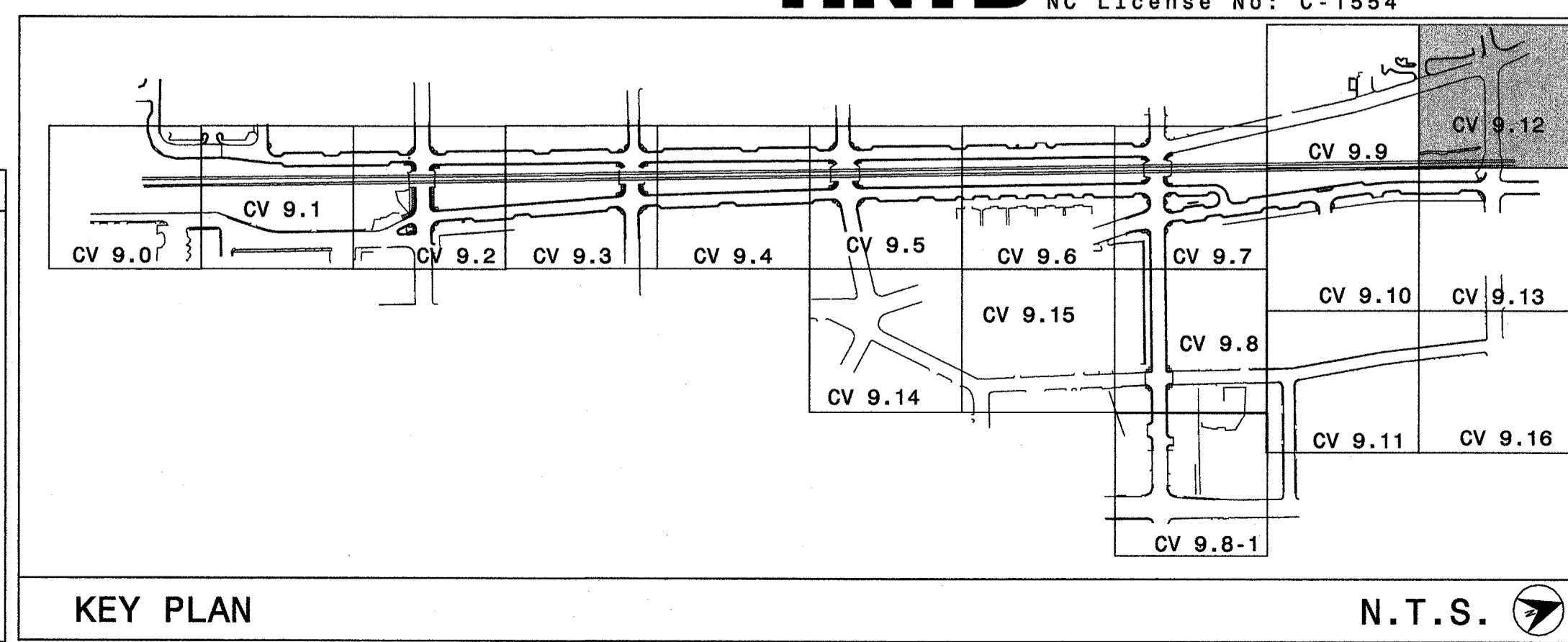
Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554

GENERAL NOTES:

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PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
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7	DISPOSAL OF SIGN, D, E OR F
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9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



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 Construction Consultants

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elm

HNTB

Cole Jensen & Stone



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING
PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219

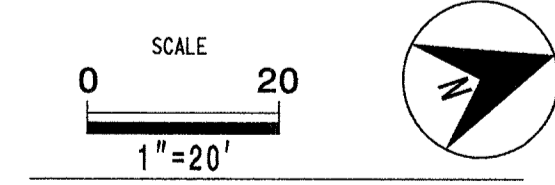
ISSUED: 04.22.10

REVISED: # COMMENTS:

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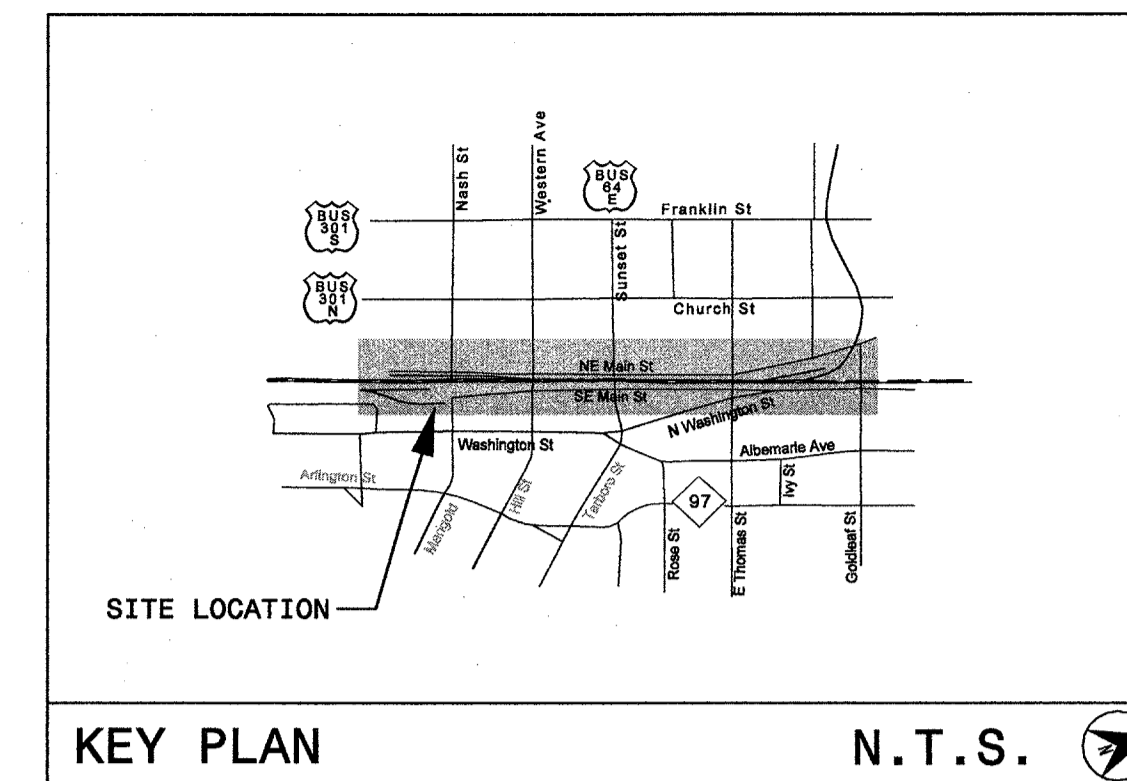
Signature: *Natasha M. Rodevick* DATE: 4-22-10



CV 9.12

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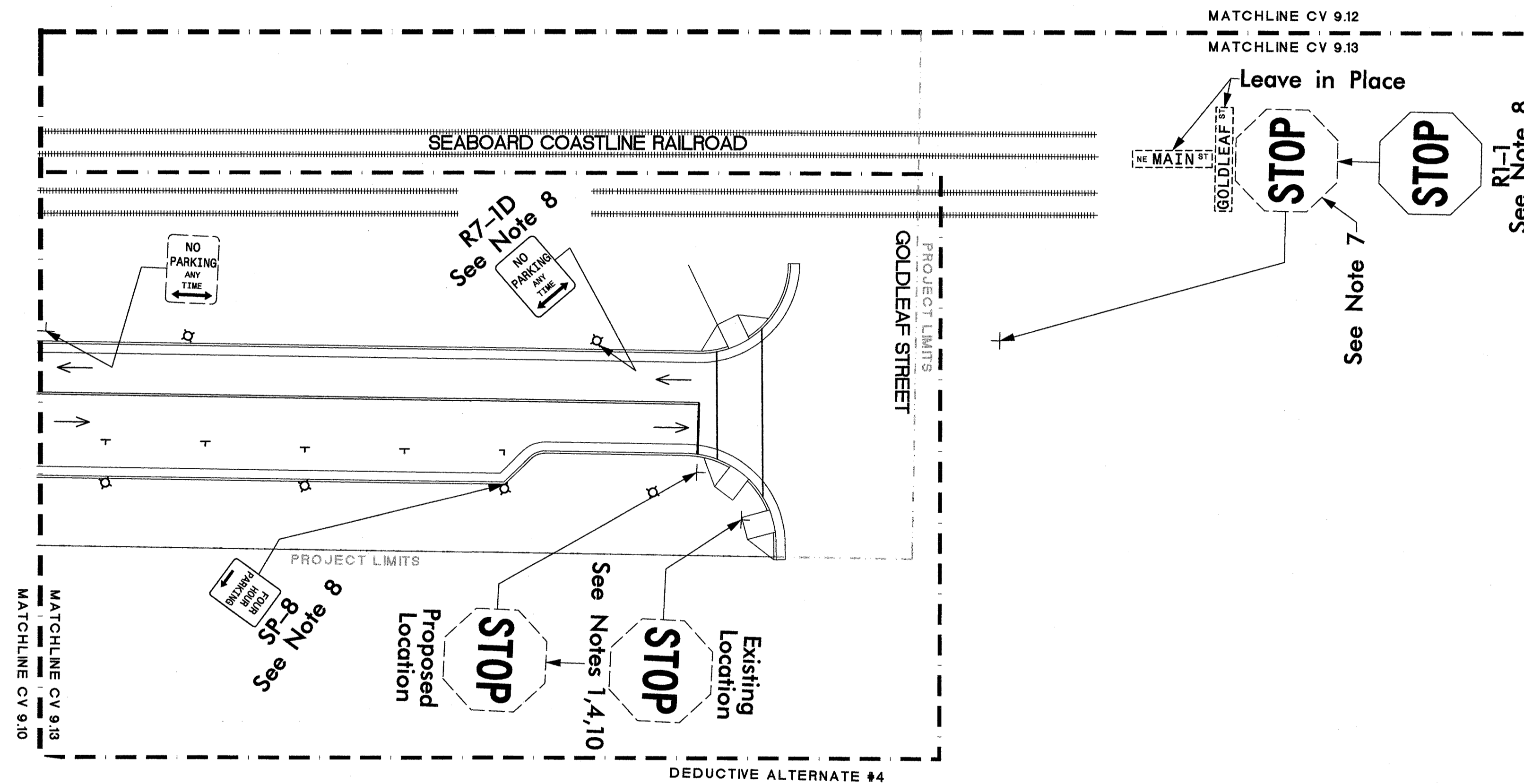
Cole Jensen & Stone, P.A. 2008 ©



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	□
Sign Post	T
Back-To-Back Mounted Sign Post	I
Proposed Wayfinding Sign	+
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.



2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT
 PHASE II
 ISSUED FOR BIDDING
PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219
 ISSUED: 04.22.10
 REVISED: # COMMENTS:

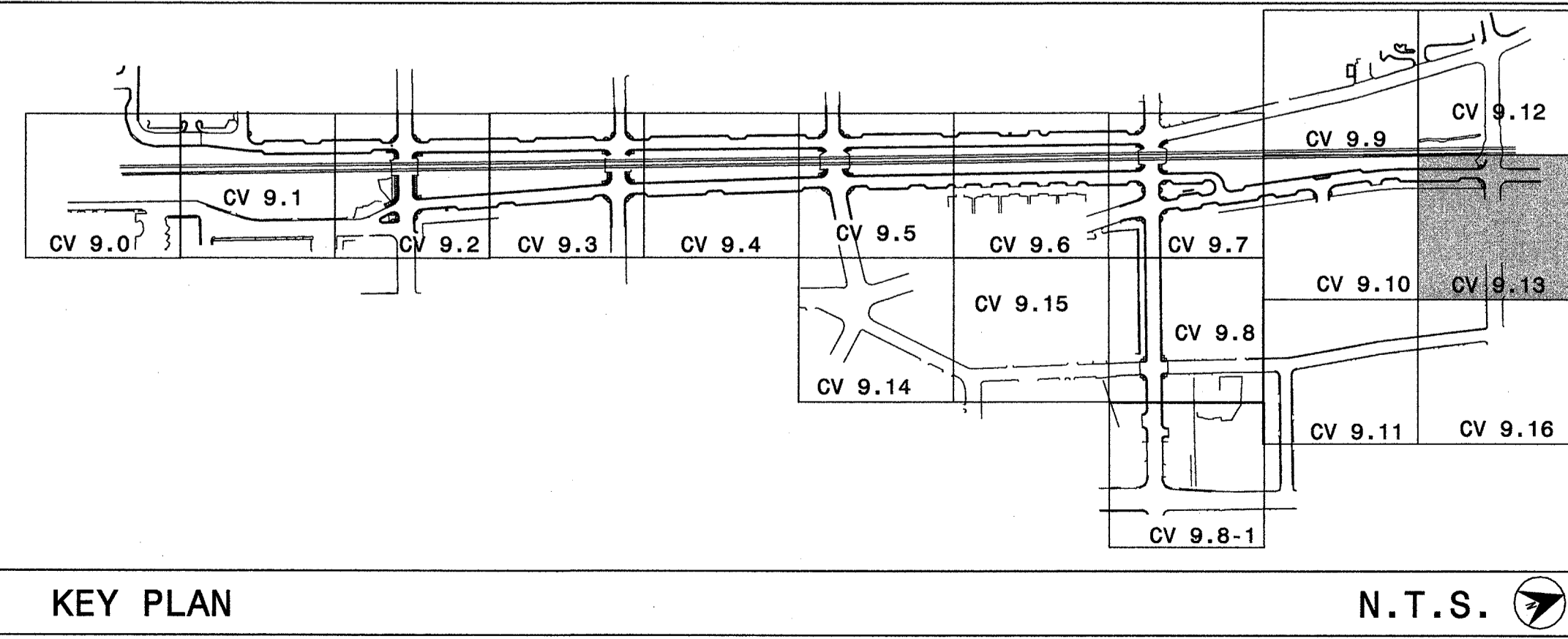
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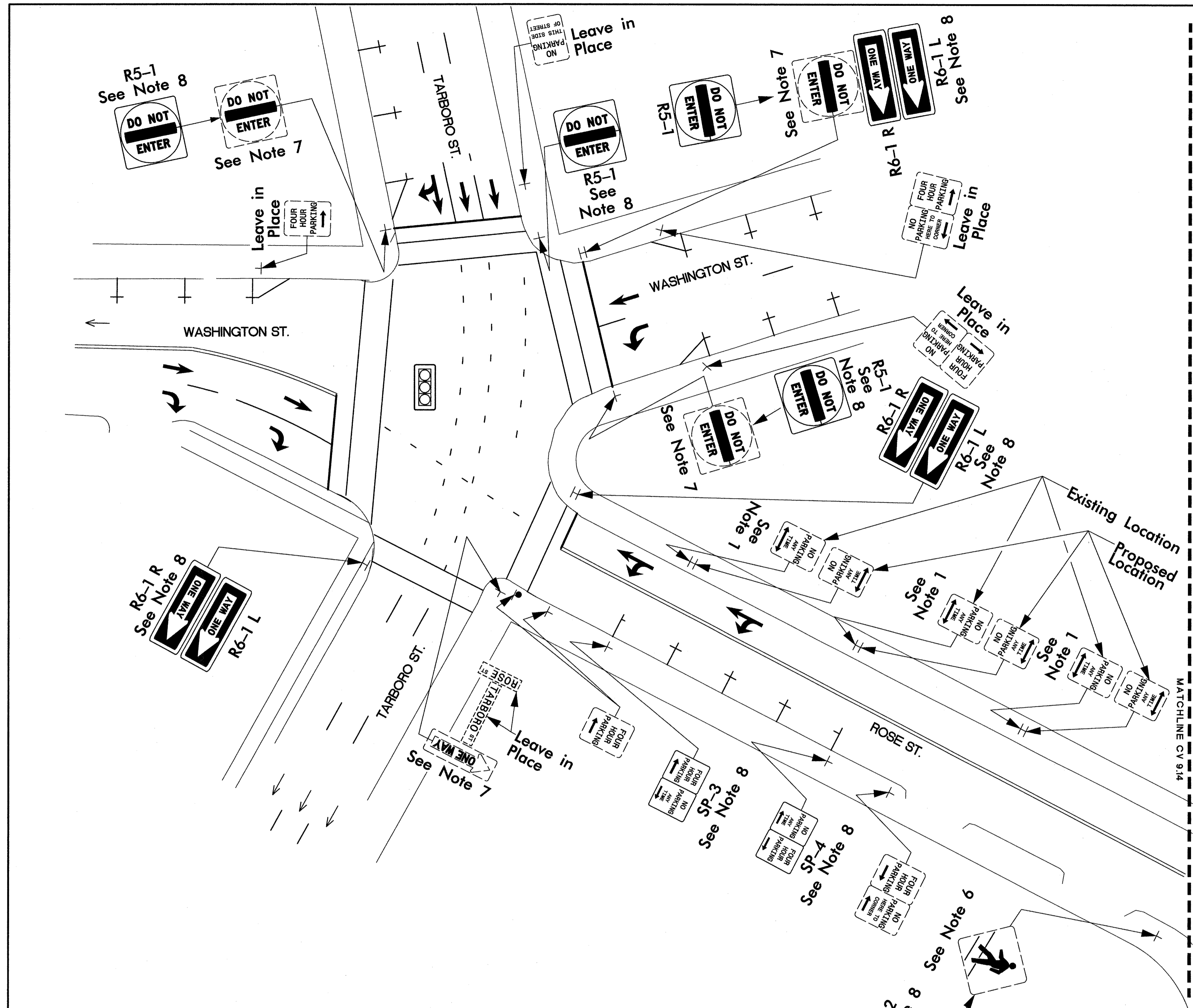
Natasha M. Rodehick 4-22-10
 SIGNATURE DATE
 SCALE: 0 20
 1"=20'

- GENERAL NOTES:**
- REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.
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- PAY ITEM NOTES:**
- RELOCATE SIGN, TYPE E
 - REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
 - DISPOSAL OF SIGN SYSTEM, U-CHANNEL
 - REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
 - DISPOSAL OF SUPPORT, U-CHANNEL
 - REMOVE AND STOCKPILE SIGN, D, E OR F
 - DISPOSAL OF SIGN, D, E OR F
 - SIGN ERECTION, TYPE D, E AND F
 - SIGN ERECTION, STREET NAME
 - INSTALL NEW SIGN SUPPORT



CV 9.13
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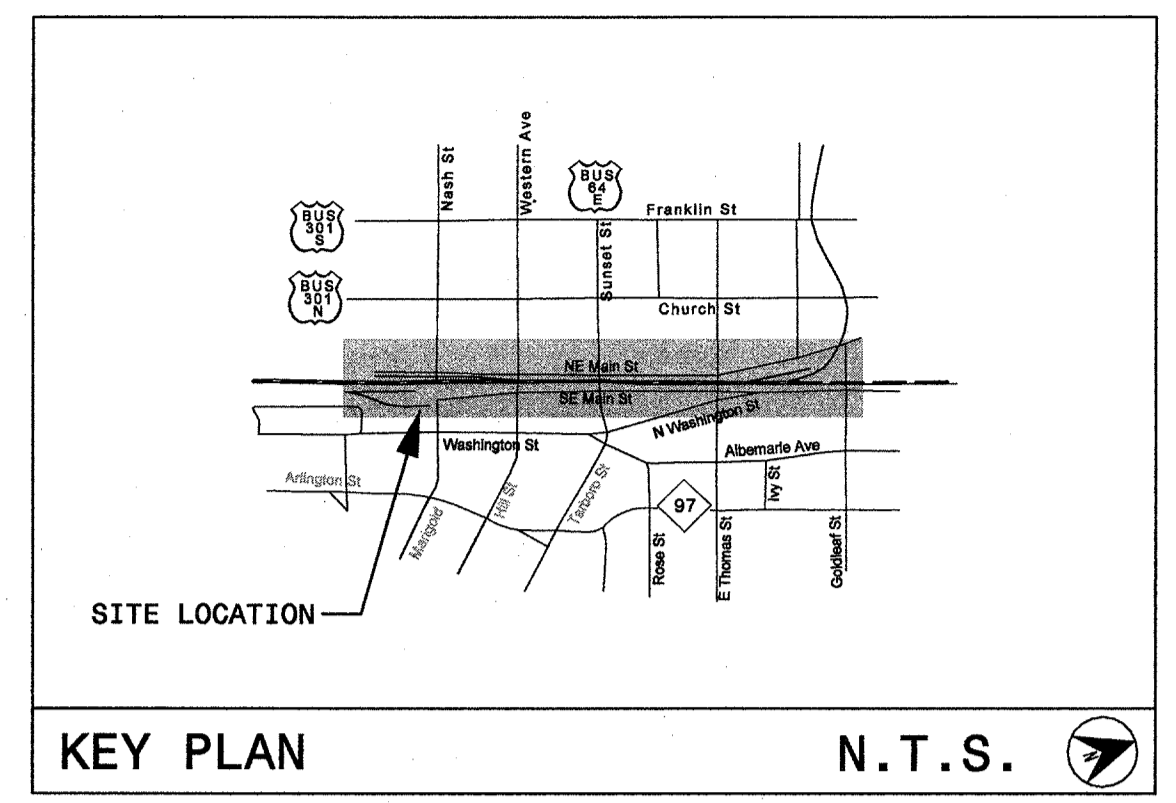


*Install all new signs on u-channel posts.

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PAY ITEM NOTES:

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10	INSTALL NEW SIGN SUPPORT



LEGEND

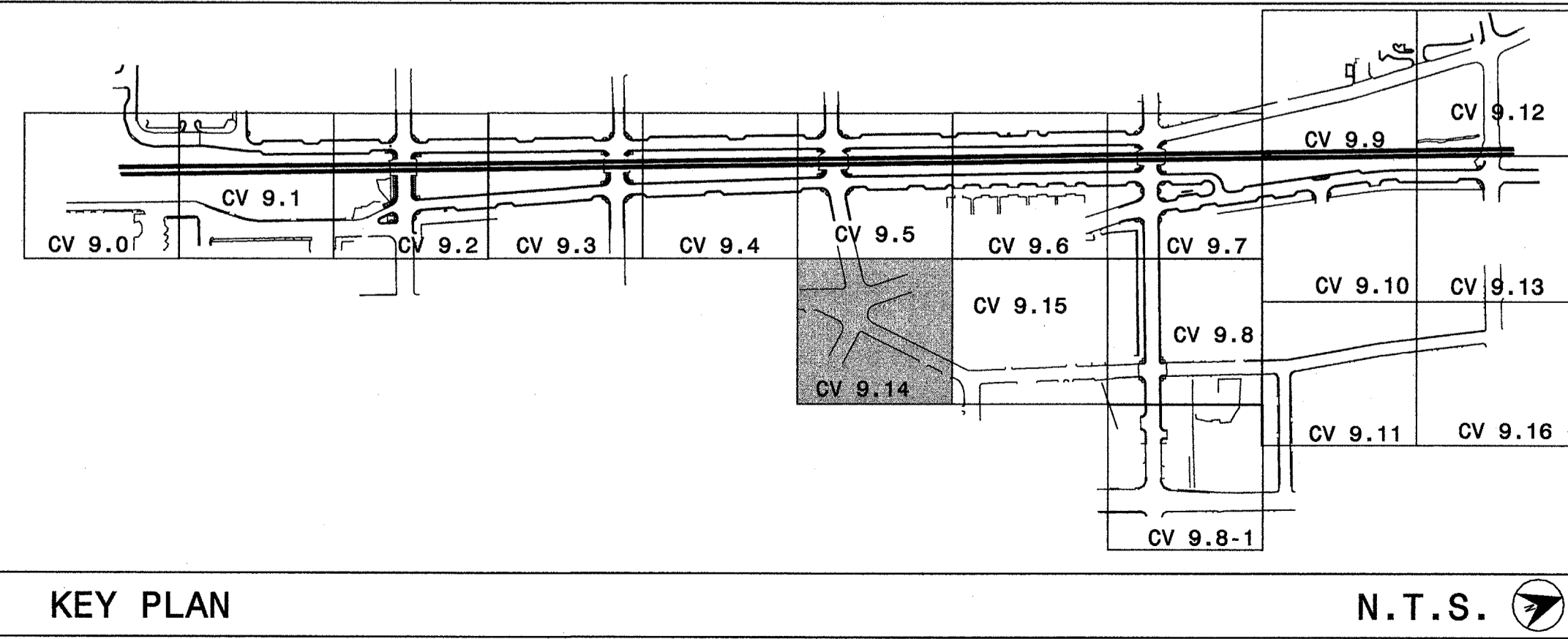
DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	- - -
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	⋈
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

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904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS



Harris & Associates, Inc. Construction Consultants

MORTAR&ink

elm

HNTB

Cole, Jenest & Stone



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

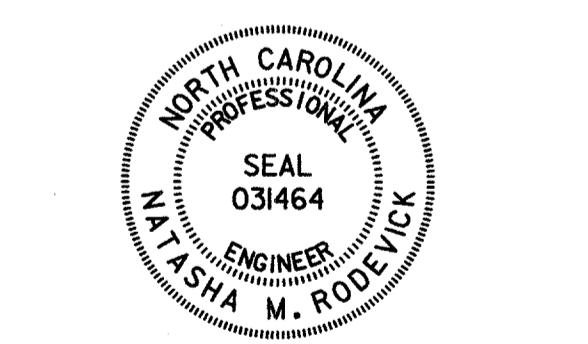
PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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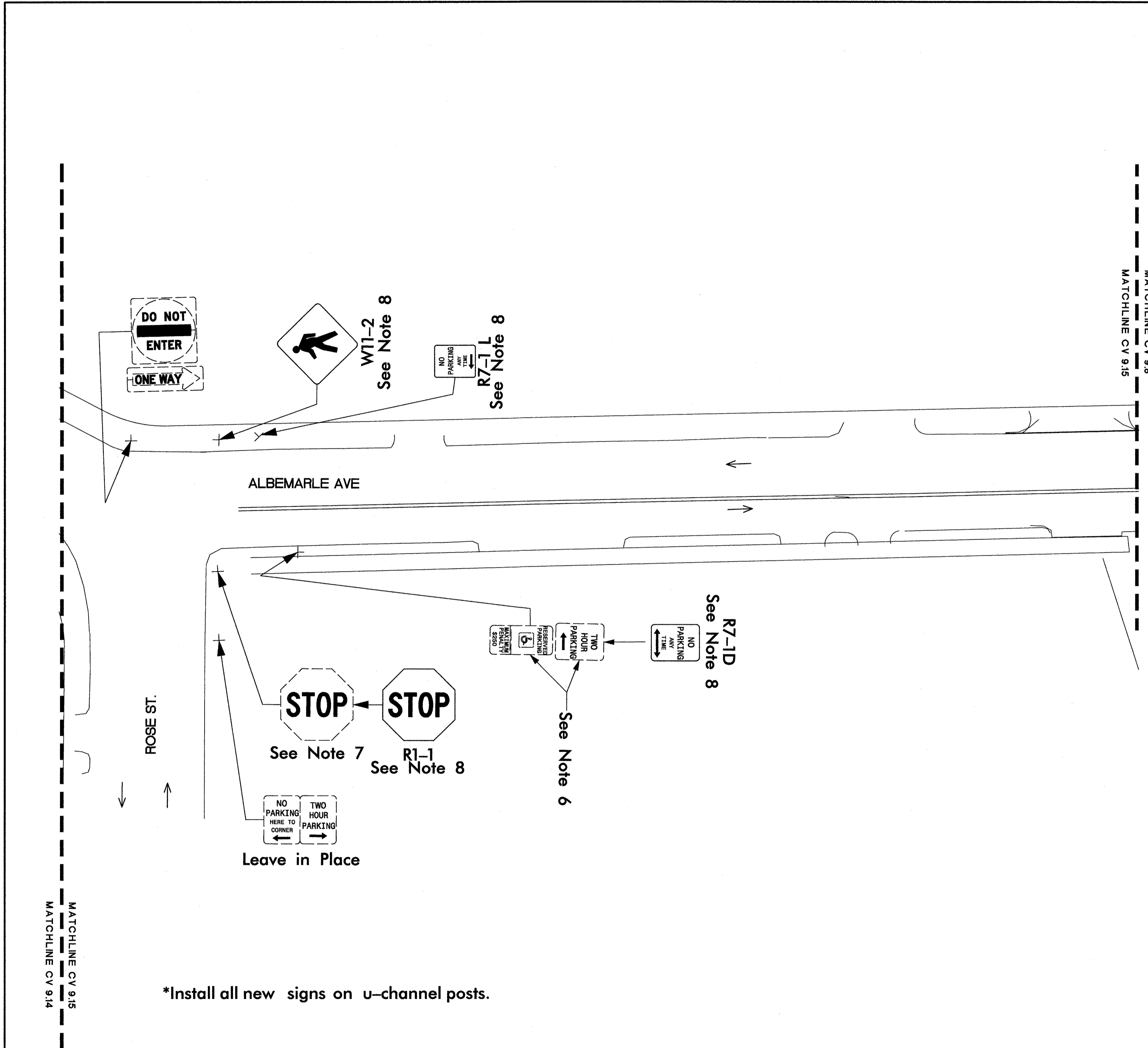
Signature: *Natasha M. Roland* DATE: 4.22.10

SCALE: 1"=20'

CV 9.14

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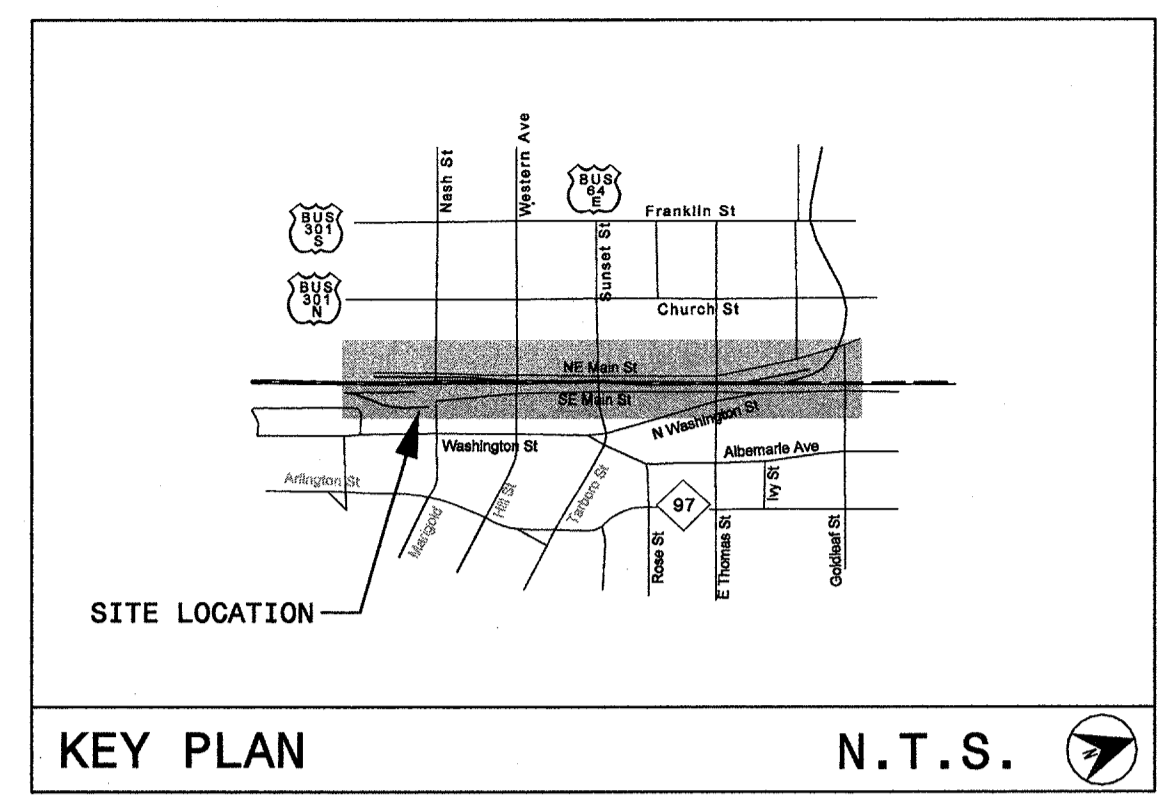
*Install all new signs on u-channel posts.

GENERAL NOTES:

- REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.
- SIGNS FURNISHED BY THE CONTRACTOR.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE OR NON-CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD-LOCATED BY THE ENGINEER.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



LEGEND

DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	→
Existing Sign	□
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	✦
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

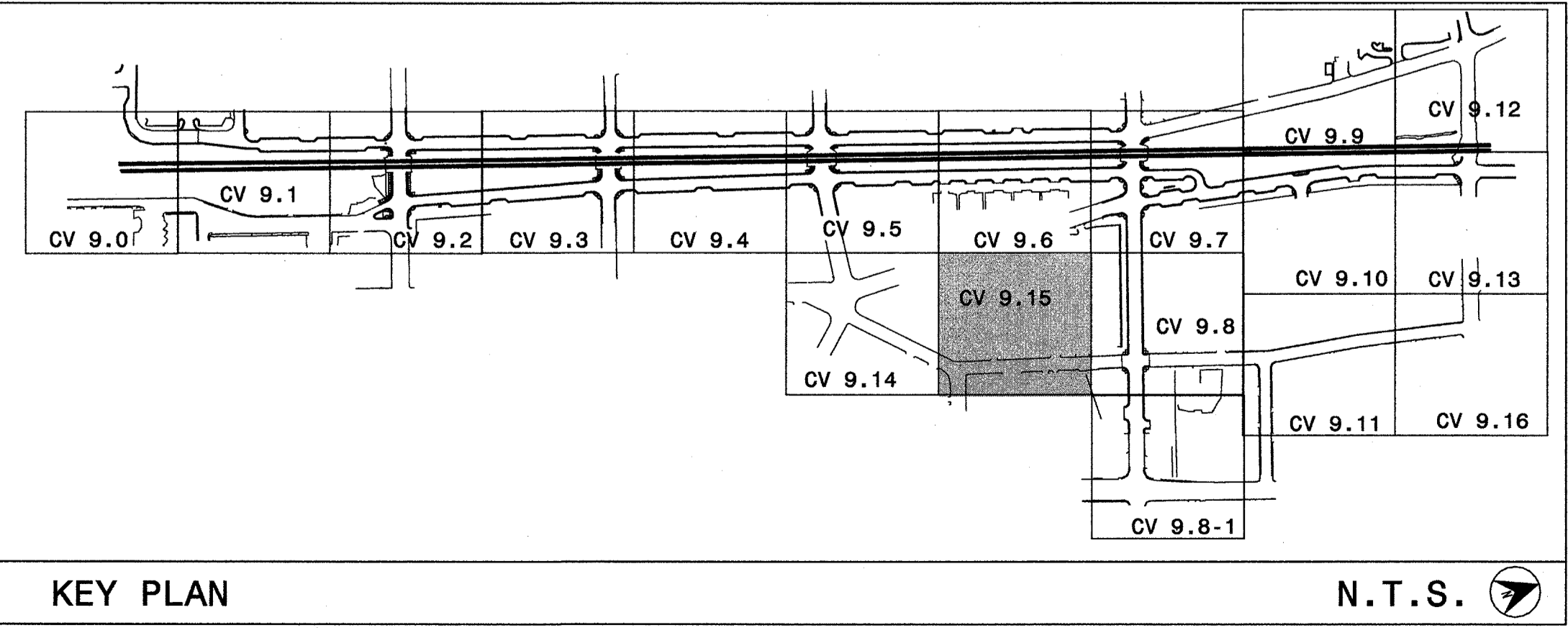
REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

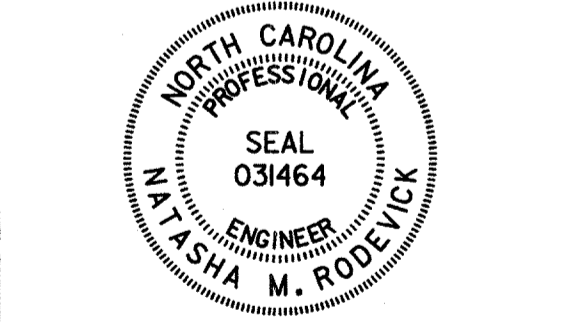
PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219

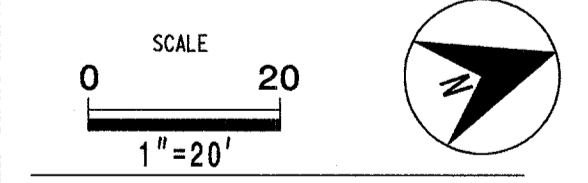
ISSUED: 04.22.10

REVISED: # COMMENTS:

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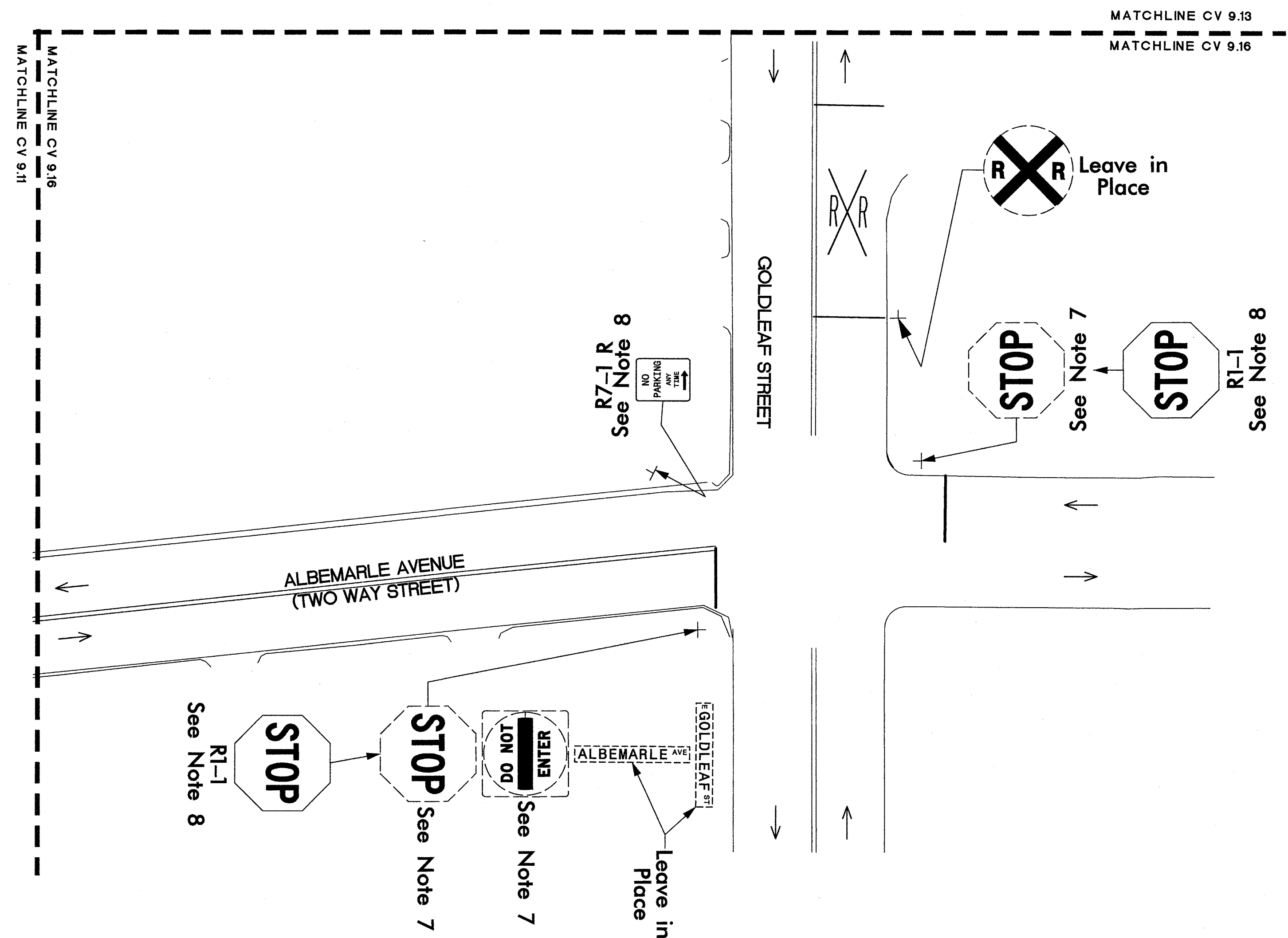
Natasha M. Radwin 4-22-10
 SIGNATURE DATE



CV 9.15

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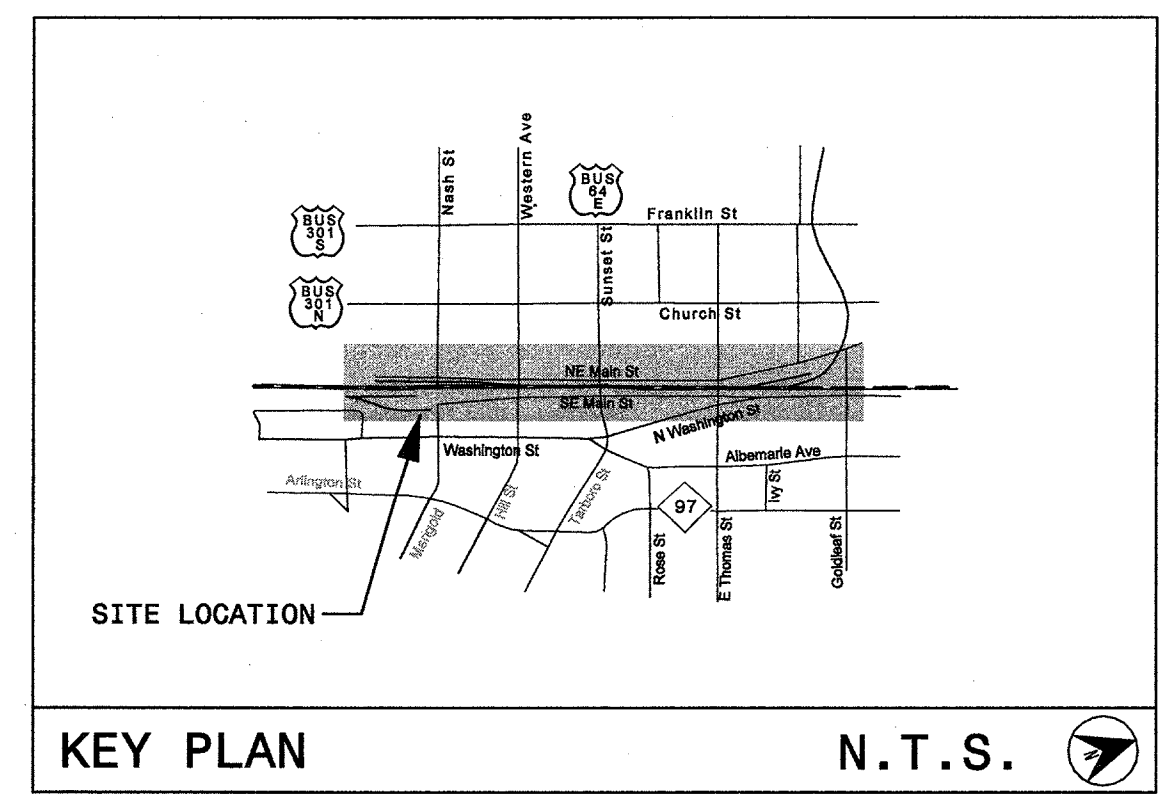
*Install all new signs on u-channel posts.

GENERAL NOTES:

- REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.
- SIGNS FURNISHED BY THE CONTRACTOR.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE OR NON-CITY MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD-LOCATED BY THE ENGINEER.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE B AND C REFLECTIVE SHEETING PER NCDOT STANDARD PRACTICE FOR RETROREFLECTIVE SIGN SHEETING.

PAY ITEM NOTES:

1	RELOCATE SIGN, TYPE E
2	REMOVE AND STOCKPILE SIGN SYSTEM, U-CHANNEL
3	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4	REMOVE AND STOCKPILE SUPPORT, U-CHANNEL
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	REMOVE AND STOCKPILE SIGN, D, E OR F
7	DISPOSAL OF SIGN, D, E OR F
8	SIGN ERECTION, TYPE D, E AND F
9	SIGN ERECTION, STREET NAME
10	INSTALL NEW SIGN SUPPORT



LEGEND

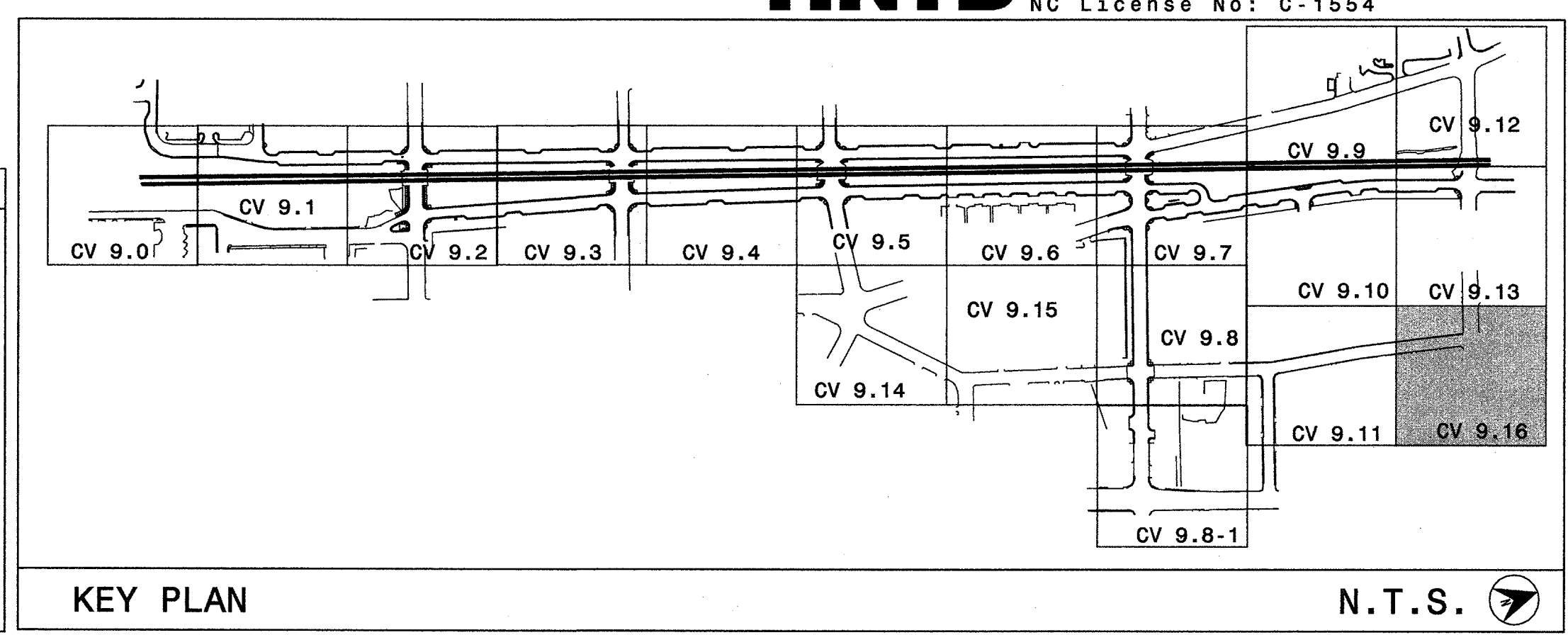
DESCRIPTION	LINE STYLE/SYMBOL
Signing Leader Line	—>
Existing Sign	- - - - -
Proposed Sign	□
Sign Post	+
Back-To-Back Mounted Sign Post	⊥
Proposed Wayfinding Sign	⋈
Proposed Metal Light Pole	◇
Existing Metal Pole	□
Existing Wood Pole	●
Direction of Traffic Flow	→

REMOVE ALL EXISTING SIGN SYSTEMS AND STOCKPILE UNLESS OTHERWISE NOTED.

2006 ROADWAY STANDARD DRAWINGS AND STANDARD SPECIFICATIONS

The following roadway standards appear in "Roadway Standard Drawings" - Project Services Unit - N.C. Department of Transportation - Raleigh, N.C., dated July 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS



URBAN STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED SIGNING PLAN

PROJECT NUMBER: 50219

ISSUED: 04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Robert* DATE: 4/22/10

SCALE: 1"=20'

CV 9.16

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<p>QUANTITY REQ'D 10 ▽</p>  <p>30 X 30 R1-1</p>	<p>QUANTITY REQ'D 18 ▽</p>  <p>36 X 12 R6-1R</p>	<p>QUANTITY REQ'D 3</p>  <p>12 X 18 R7-1R</p>	<p>QUANTITY REQ'D 5*</p>  <p>20 X 18 SP-3</p>	<p>QUANTITY REQ'D 9*</p>  <p>12 X 18 SP-8</p>	<p>QUANTITY REQ'D 2*</p>  <p>24 X 18 SP-12</p>
<p>QUANTITY REQ'D 6</p>  <p>24 X 30 R2-1</p>	<p>QUANTITY REQ'D 16 ▽</p>  <p>36 X 12 R6-1L</p>	<p>QUANTITY REQ'D 2</p>  <p>30" Diameter W10-1</p>	<p>QUANTITY REQ'D 4*</p>  <p>20 X 18 SP-4</p>	<p>QUANTITY REQ'D 5*</p>  <p>24 X 18 SP-9</p>	
<p>QUANTITY REQ'D 1</p>  <p>24 X 24 R3-2</p>	<p>QUANTITY REQ'D 3</p>  <p>12 X 18 R7-1</p>	<p>QUANTITY REQ'D 2</p>  <p>30 X 30 W11-2</p>	<p>QUANTITY REQ'D 14*</p>  <p>12 X 18 SP-5</p>	<p>QUANTITY REQ'D 5*</p>  <p>24 X 18 SP-10</p>	
<p>QUANTITY REQ'D 1</p>  <p>24 X 24 R3-3</p>	<p>QUANTITY REQ'D 8</p>  <p>12 X 18 R7-1D</p>	<p>QUANTITY REQ'D 12*</p>  <p>20 X 18 SP-1</p>	<p>QUANTITY REQ'D 15*</p>  <p>12 X 18 SP-6</p>	<p>QUANTITY REQ'D 2*</p>  <p>24 X 18 SP-11</p>	
<p>QUANTITY REQ'D 39</p>  <p>30 X 30 R5-1</p>	<p>QUANTITY REQ'D 2 ▽</p>  <p>12 X 18 R7-1L</p>	<p>QUANTITY REQ'D 11*</p>  <p>20 X 18 SP-2</p>	<p>QUANTITY REQ'D 9*</p>  <p>12 X 18 SP-7</p>	<p>*VERIFY THE QUANTITY OF "SP" SIGNS WITH THE CITY OF ROCKY MOUNT BEFORE ORDERING.</p>	



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
SIGNING PLAN
"E" SIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Updated Quantities
	2	
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M. Rodrick 4/22/10
SIGNATURE DATE

SCALE
0
N/A

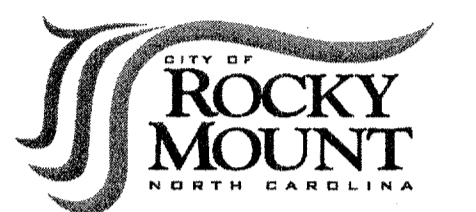
CV 9.17

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Raleigh, North Carolina 27609
NC License No: C-1554

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<p>QUANTITY REQ'D 1</p> <p>Albemarle Ave</p> <p>36 X 8 ST-1</p>	<p>QUANTITY REQ'D 2</p> <p>SE Main St</p> <p>24 X 8 ST-6</p>	<p>QUANTITY REQ'D 1</p> <p>Tarboro St</p> <p>24 X 8 ST-11</p>			
<p>QUANTITY REQ'D 1</p> <p>Falls Rd</p> <p>18 X 8 ST-2</p>	<p>QUANTITY REQ'D 3</p> <p>SW Main St</p> <p>24 X 8 ST-7</p>	<p>QUANTITY REQ'D 3</p> <p>E Thomas St</p> <p>30 X 8 ST-12</p>			
<p>QUANTITY REQ'D 1</p> <p>Hill St</p> <p>18 X 8 ST-3</p>	<p>QUANTITY REQ'D 1</p> <p>Marigold St</p> <p>30 X 8 ST-8</p>	<p>QUANTITY REQ'D 2</p> <p>w Thomas St</p> <p>30 X 8 ST-13</p>			
<p>QUANTITY REQ'D 2</p> <p>NE Main St</p> <p>24 X 8 ST-4</p>	<p>QUANTITY REQ'D 1</p> <p>Nash St</p> <p>18 X 8 ST-9</p>	<p>QUANTITY REQ'D 1</p> <p>Washington St</p> <p>36 X 8 ST-14</p>			
<p>QUANTITY REQ'D 1</p> <p>NW Main St</p> <p>24 X 8 ST-5</p>	<p>QUANTITY REQ'D 1</p> <p>Sunset Ave</p> <p>24 X 8 ST-10</p>	<p>QUANTITY REQ'D 1</p> <p>Western Ave</p> <p>30 X 8 ST-15</p>			



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
SIGNING PLAN
STREET NAME
SIGNS**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Natasha M. Rodebeck 4-22-10
SIGNATURE DATE

SCALE
0
N/A

CV 9.18

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**SIGNS
SUMMARY OF QUANTITIES**

DEDUCTIVE ALTERNATE #1

ITEM DESCRIPTION	QUANTITY	UNIT
CONTRACTOR FURNISHED, TYPE E SIGN	35	SF
SUPPORTS, DECORATIVE	15	EA
SIGN ERECTION, TYPE E	13	EA
SIGN ERECTION, RELOCATE SIGN TYPE E	2	EA
STOCKPILE SIGN SYSTEM, U-CHANNEL	9	EA

DEDUCTIVE ALTERNATE #2

ITEM DESCRIPTION	QUANTITY	UNIT
CONTRACTOR FURNISHED, TYPE E SIGN	13	SF
SUPPORTS, DECORATIVE	4	EA
SIGN ERECTION, RELOCATE SIGN TYPE E	5	EA
STOCKPILE SIGN SYSTEM, U-CHANNEL	3	EA

DEDUCTIVE ALTERNATE #3

ITEM DESCRIPTION	QUANTITY	UNIT
CONTRACTOR FURNISHED, TYPE E SIGN	4	SF
SUPPORTS, DECORATIVE	2	EA
SIGN ERECTION, TYPE E	2	EA
SIGN ERECTION, RELOCATE SIGN TYPE E	1	EA
STOCKPILE SIGN SYSTEM, U-CHANNEL	4	EA

DEDUCTIVE ALTERNATE #4

ITEM DESCRIPTION	QUANTITY	UNIT
CONTRACTOR FURNISHED, TYPE E SIGN	16	SF
SUPPORTS, DECORATIVE	4	EA
SIGN ERECTION, TYPE E	7	EA
SIGN ERECTION, RELOCATE SIGN TYPE E	1	EA
STOCKPILE SIGN SYSTEM, U-CHANNEL	2	EA
STOCKPILE SUPPORT, U-CHANNEL	1	EA
DISPOSAL OF SIGN, D, E OR F	1	EA

1

ITEM DESCRIPTION	QUANTITY*	UNIT
CONTRACTOR FURNISHED, TYPE E SIGN	693	SF
CONTRACTOR FURNISHED, STREET NAME SIGN	35	SF
SUPPORTS, DECORATIVE	138	EA
SUPPORTS, STREET NAME SIGN	12	EA
SUPPORTS, 3 LB STEEL U-CHANNEL	104	LF
SIGN ERECTION, TYPE E	204	EA
SIGN ERECTION, RELOCATE SIGN TYPE E	13**	EA
SIGN ERECTION, STREET NAME SIGN	22	EA
STOCKPILE SIGN SYSTEM, U-CHANNEL	121**	EA
DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2**	EA
STOCKPILE SUPPORT, U-CHANNEL	4**	EA
DISPOSAL OF SIGN, D, E OR F	10**	EA
DISPOSAL OF SUPPORT, U-CHANNEL	2**	EA
STOCKPILE SIGN, D, E, OR F	1**	EA
INSTALL NEW SIGN SUPPORT	7**	EA

* Deductive Alternative quantities are included in the quantity estimates.

1 ** Quantities are incidental to the cost of the project.



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
SIGNING
SUMMARY OF
QUANTITIES**

PROJECT NUMBER:

50219

ISSUED:

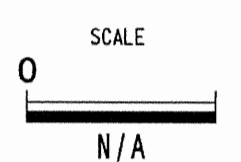
04.22.10

REVISED: # COMMENTS:

11-1-10	1	Updated Quantities
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Natasha M. Riddick 4/22/10
SIGNATURE DATE



CV 9.19

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**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

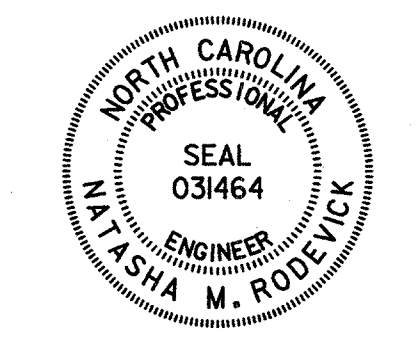
**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Nisha M. Roddy 4.22.10
SIGNATURE DATE

SCALE
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N/A

CV 9.20

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Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: SP-1 BACKG COLOR: White DESIGN BY: TRT CHECKED BY: NMR
TYPE: E COPY COLOR: Red PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: SEE CV 9.17

SYMBOL	X	Y	WID	HT
Arrow	2	1.1	2.3	6.5
Arrow	11.6	1.1	2.3	6.5

SIGN WIDTH: 1'-8"
SIGN HEIGHT: 1'-6"
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
T	W	O								C3
2.2	1.7	2.6	1.8	11.6						6.1
H	O									C3
12.8	2.3	1.8	3.2							4.1
P	A	R	K	I	N	G				B2.5
10.6	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1		8.4
H	O	U	R							C3
1	2.3	2.4	2.3	1.7	10.4					8.7
A	N	Y								2C
12.7	1.6	1.4	1.3	3.1						4.2
P	A	R	K	I	N	G				B2.5
1.1	1.2	1.5	1.3	1.3	0.6	1.3	1.1	10.5		8.4
T	I	M	E							C2
12.4	1.3	0.7	1.8	1	2.8					4.8

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-2 BACKG COLOR: White DESIGN BY: TRT CHECKED BY: NMR
TYPE: E COPY COLOR: Red PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: SEE CV 9.17

SYMBOL	X	Y	WID	HT
Arrow	2	1.1	2.3	6.5
Arrow	11.6	1.1	2.3	6.5

SIGN WIDTH: 1'-8"
SIGN HEIGHT: 1'-6"
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
N	O									C3
3.3	2.3	1.8	12.7							4.1
T	W	O								C3
11.8	1.7	2.6	1.8	2.1						6.1
P	A	R	K	I	N	G				B2.5
1.1	1.2	1.5	1.3	1.3	0.6	1.3	1.1	10.5		8.4
H	O	U	R							C3
10.5	2.3	2.4	2.3	1.7	0.8					8.7
A	N	Y								C2
3.2	1.6	1.4	1.3	12.6						4.2
T	I	M	E							C2
2.9	1.3	0.7	1.8	1	12.3					4.8
P	A	R	K	I	N	G				B2.5
10.7	1.2	1.5	1.3	1.3	0.6	1.3	1.1	0.9		8.4

NORTH CAROLINA D.O.T. SIGN DETAIL

**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**
PHASE II

ISSUED FOR BIDDING

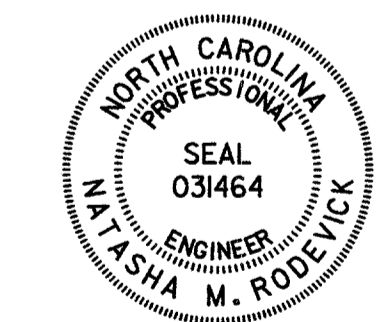
**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Roddy 4.22.10
SIGNATURE DATE

SCALE
0
N/A

CV 9.21

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343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: SP-3 TYPE: E	BACKG COLOR: White COPY COLOR: Red	DESIGN BY: TRT PROJECT ID: 50219	CHECKED BY: NMR DIV: 04	DATE: February 2010
------------------------------	---------------------------------------	-------------------------------------	----------------------------	---------------------

SYMBOL	X	Y	WID	HT
Arrow	2	1.1	2.3	6.5
Arrow	11.6	1.1	2.3	6.5

SIGN WIDTH: 1'-8"
HEIGHT: 1'-6"
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.23"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS:
LENGTH:

MAT'L: 0.063" (1.6 mm) ALUMINUM

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	Text Length
F	O	U	R							C3	8.3
1.2	1.9	2.4	2.3	1.7	10.8					C3	4.1
H	O									B2.5	8.4
12.8	2.3	1.8	3.2							C3	8.7
P	A	R	K	I	N	G				C2	4.2
10.6	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1		B2.5	8.4
H	O	U	R							C3	8.7
1	2.3	2.4	2.3	1.7	10.4					C2	4.2
A	N	Y								B2.5	8.4
12.7	1.6	1.4	1.3	3.1						C2	4.8
P	A	R	K	I	N	G				B2.5	8.4
1.1	1.2	1.5	1.3	1.3	0.6	1.3	1.1	10.5		C2	8.4
T	I	M	E								
12.4	1.3	0.7	1.8	1	2.8						

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-4 TYPE: E	BACKG COLOR: White COPY COLOR: Red	DESIGN BY: TRT PROJECT ID: 50219	CHECKED BY: NMR DIV: 04	DATE: February 2010
------------------------------	---------------------------------------	-------------------------------------	----------------------------	---------------------

SYMBOL	X	Y	WID	HT
Arrow	2	1.1	2.3	6.5
Arrow	11.6	1.1	2.3	6.5

SIGN WIDTH: 1'-8"
HEIGHT: 1'-6"
TOTAL AREA: 2.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS:
LENGTH:

MAT'L: 0.063" (1.6 mm) ALUMINUM

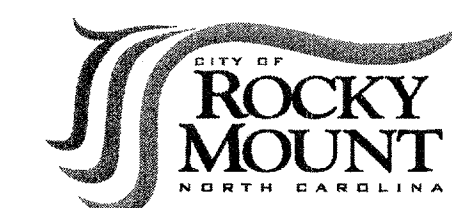
USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	Text Length
N	O									C3	4.1
3.3	2.3	1.8	12.7							C3	8.3
F	O	U	R							B2.5	8.4
10.7	1.9	2.4	2.3	1.7	1					C3	8.7
P	A	R	K	I	N	G				C2	4.2
1.1	1.2	1.5	1.3	1.3	0.6	1.3	1.1	10.5		B2.5	8.4
H	O	U	R							C3	8.7
10.5	2.3	2.4	2.3	1.7	0.8					C2	4.2
A	N	Y								B2.5	8.4
3.2	1.6	1.4	1.3	12.6						C2	4.8
T	I	M	E							B2.5	8.4
2.9	1.3	0.7	1.8	1	12.3					C2	8.4
P	A	R	K	I	N	G					
10.7	1.2	1.5	1.3	1.3	0.6	1.3	1.1	0.9			

NORTH CAROLINA D.O.T. SIGN DETAIL



**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

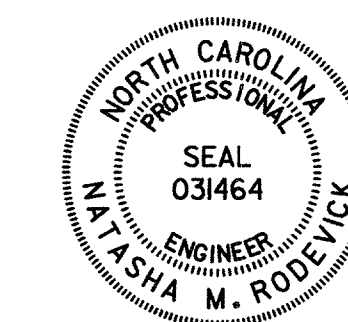
**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Asha M. Rodebeck 4.22.10
SIGNATURE DATE

SCALE
0
N/A

CV 9.22

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Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: SP-5 BACKG COLOR: White
TYPE: E COPY COLOR: Green DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.17 SYMBOL X Y WID HT

Arrow	2.1	1.7	2.3	7.8
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SIGN WIDTH: 1'-0"
HEIGHT: 1'-6"
TOTAL AREA: 1.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.98"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

BORDER R=1.5" TH=0.38"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
T	W	O								Text Length
2.9	1.7	2.6	1.8	2.9						C3
										6.1
H	O	U	R							C3
1.7	2.3	2.4	2.3	1.7	1.7					8.7
										8.7
P	A	R	K	I	N	G				B2.5
1.8	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1.8		8.4

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-6 BACKG COLOR: White
TYPE: D COPY COLOR: Green DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.17 SYMBOL X Y WID HT

Arrow	2.1	1.7	2.3	7.8
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SIGN WIDTH: 1'-0"
HEIGHT: 1'-6"
TOTAL AREA: 1.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.98"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

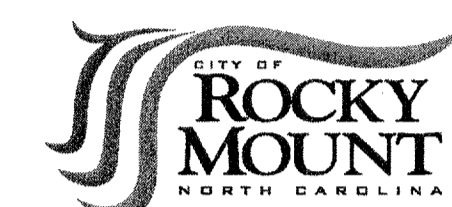
BORDER R=1.5" TH=0.38"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
T	W	O								Text Length
2.9	1.7	2.6	1.8	2.9						C 2000
										6.1
H	O	U	R							C 2000
1.7	2.3	2.4	2.3	1.7	1.7					8.7
										8.7
P	A	R	K	I	N	G				B 2000
1.8	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1.8		8.4

NORTH CAROLINA D.O.T. SIGN DETAIL



**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Natasha M. Rodick 4-22-10
SIGNATURE DATE

SCALE
0
N/A

CV 9.23

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SIGN NUMBER: SP-7 TYPE: E QUANTITY: See CV 9.17 SIGN WIDTH: 1'-0" HEIGHT: 1'-6" TOTAL AREA: 1.5 Sq.Ft. BORDER TYPE: RECESSED RECESS: 0.38" WIDTH: 0.38" RADIUS: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: White COPY COLOR: Green DESIGN BY: TRT PROJECT ID: 50219 CHECKED BY: NMR DIV: 04 DATE: February 2010
---	---

SYMBOL	X	Y	WID	HT
Arrow	2.1	1.7	2.3	7.8

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
F	O	U	R							C 3
1.9	1.9	2.4	2.3	1.7	1.9					8.3
H	O	U	R							C 3
1.7	2.3	2.4	2.3	1.7	1.7					8.7
P	A	R	K	I	N	G				B 2.5
1.8	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1.8		8.4

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-8 TYPE: E QUANTITY: See CV 9.17 SIGN WIDTH: 1'-0" HEIGHT: 1'-6" TOTAL AREA: 1.5 Sq.Ft. BORDER TYPE: RECESSED RECESS: 0.38" WIDTH: 0.38" RADIUS: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: White COPY COLOR: Green DESIGN BY: TRT PROJECT ID: 50219 CHECKED BY: NMR DIV: 04 DATE: February 2010
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SYMBOL	X	Y	WID	HT
Arrow	2.1	1.7	2.3	7.8

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size
										Text Length
F	O	U	R							C 3
1.9	1.9	2.4	2.3	1.7	1.9					8.3
H	O	U	R							C 3
1.7	2.3	2.4	2.3	1.7	1.7					8.7
P	A	R	K	I	N	G				B 2.5
1.8	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1.8		8.4

NORTH CAROLINA D.O.T. SIGN DETAIL

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

**URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

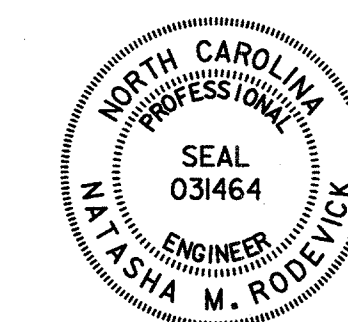
**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Nathan M. Rebel 4.22.10
SIGNATURE DATE

SCALE
0
N/A

CV 9.24

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SIGN NUMBER: SP-9 BACKG COLOR: White
TYPE: E COPY COLOR: Red

DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.17

SYMBOL	X	Y	WID	HT
ARUP	3.2	1.5	2.3	6.5
ARUP	14.1	1.6	2.3	7.8

SIGN WIDTH: 2'-0"
HEIGHT: 1'-6"
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	Text Length
N	O									C 3	
4.4	2.3	1.8	15.6							4.1	
T	W	O								C 3	
15	1.7	2.6	1.8	2.9						6.1	
P	A	R	K	I	N	G				B 2.5	
2.2	1.2	1.6	1.3	1.3	0.7	1.4	1.1	13.3		8.5	
H	O	U	R							C 3	
13.7	2.3	2.4	2.3	1.7	1.6					8.7	
L	O	A	D	I	N	G				C 2	
2.2	1.2	1.4	1.6	1.4	0.6	1.4	1.1	13.2		8.6	
Z	O	N	E							C 2	
3.6	1.4	1.6	1.6	1	14.8					5.6	
P	A	R	K	I	N	G				B 2.5	
13.9	1.2	1.5	1.3	1.3	0.6	1.3	1.1	1.7		8.4	

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-10 BACKG COLOR: White
TYPE: E COPY COLOR: Red

DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.17

SYMBOL	X	Y	WID	HT
ARUP	2.6	1.7	2.3	7.8
ARUP	18	1.5	2.3	6.5

SIGN WIDTH: 2'-0"
HEIGHT: 1'-6"
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

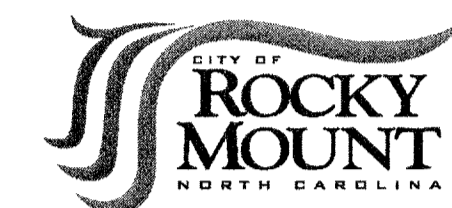
USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	Text Length
T	W	O								C 3	
3.4	1.7	2.6	1.8	14.5						6.1	
H	O									C 3	
16.2	2.3	1.8	3.8							4.1	
P	A	R	K	I	N	G				B 2.5	
14	1.2	1.6	1.3	1.3	0.7	1.4	1.1	1.5		8.5	
H	O	U	R							C 3	
2.1	2.3	2.4	2.3	1.7	13.2					8.7	
L	O	A	D	I	N	G				C 2	
14	1.2	1.4	1.6	1.4	0.6	1.4	1.1	1.3		8.6	
P	A	R	K	I	N	G				B 2.5	
2.3	1.2	1.5	1.3	1.3	0.6	1.3	1.1	13.3		8.4	
Z	O	N	E							C 2	
16.4	1.4	1.6	1.6	1	3					5.6	

NORTH CAROLINA D.O.T. SIGN DETAIL



**URBAN STREETScape
PLAN FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER:

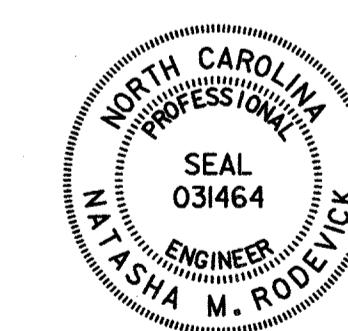
50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Sha M. Rodriguez 4.22.10
SIGNATURE DATE

SCALE
0
N/A

CV 9.25

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SIGN NUMBER: SP-11 **BACKG COLOR: White** **DESIGN BY: TRT** **CHECKED BY: NMR** **DATE: February 2010**
TYPE: E **COPY COLOR: Red** **PROJECT ID: 50219** **DIV: 04**

QUANTITY: See CV 9.17

SYMBOL	X	Y	WID	HT
ARUP	2.8	1.7	2.3	7.8
ARUP	15	1.5	2.3	6.5

SIGN WIDTH: 2'-0"
HEIGHT: 1'-6"
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADIUS: 1.5"

MAT'L: 0.063" (1.6 mm) ALUMINUM

NO. Z BARS:
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
F	2.5	0.9
O	1.9	2.4
U	2.4	2.3
R	1.7	13.2
N	1.5	0.9
O	1.5	0.9
P	16.2	2.3
A	1.8	3.8
R	1.4	1.2
K	1.6	1.3
I	1.3	0.7
N	1.4	1.1
G	1.5	8.5
H	2.1	2.3
O	2.4	2.3
U	1.7	13.2
L	14	1.2
O	1.4	1.5
A	1.4	0.6
D	1.4	1.1
I	1.3	8.6
N	2.3	1.2
G	1.5	1.3
P	1.3	0.6
A	1.3	1.1
R	1.3	13.3
K	1.3	0.6
I	1.3	1.1
N	1.3	13.3
Z	15.4	1.4
O	1.4	1.6
N	1.6	1
E	1.3	5.6

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-12 **BACKG COLOR: White** **DESIGN BY: TRT** **CHECKED BY: NMR** **DATE: February 2010**
TYPE: E **COPY COLOR: Red** **PROJECT ID: 50219** **DIV: 04**

QUANTITY: See CV 9.17

SYMBOL	X	Y	WID	HT
ARUP	3.2	1.5	2.3	6.5
ARUP	14.1	1.6	2.3	7.8

SIGN WIDTH: 2'-0"
HEIGHT: 1'-6"
TOTAL AREA: 3.0 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.38"
RADIUS: 1.5"

MAT'L: 0.063" (1.6 mm) ALUMINUM

NO. Z BARS:
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	Series/Size	Text Length
N	4.4	2.3
O	1.8	15.6
F	1.9	2.4
O	2.4	2.3
U	1.7	1.8
R	1.8	8.3
P	13.9	1.9
A	2.4	2.3
R	1.7	1.8
K	1.3	0.7
I	1.4	1.1
N	1.1	13.3
G	2.2	1.2
H	1.6	1.3
O	1.3	0.7
U	1.4	1.1
R	1.3	13.3
L	13.7	2.3
O	2.4	2.3
A	1.7	1.6
D	1.4	1.1
I	1.4	0.6
N	1.4	1.1
G	2.2	1.2
Z	2.2	1.4
O	1.5	1.4
N	1.4	0.6
E	1.4	1.1
P	3.6	1.4
A	1.6	1.6
R	1	14.8
K	13.9	1.2
I	1.5	1.3
N	1.3	0.6
G	1.3	1.1
	1.7	8.4

NORTH CAROLINA D.O.T. SIGN DETAIL

Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

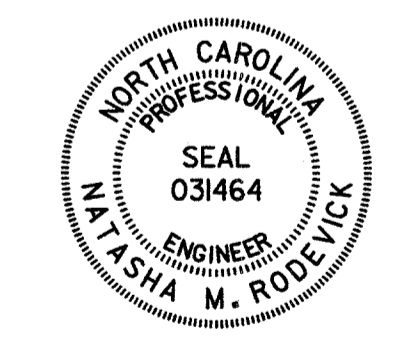
PROPOSED
SIGNING PANEL
DESIGNS

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Sha M. Rodrick 4.22.10
SIGNATURE DATE

SCALE
0
N/A

CV 9.26

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Prepared by:
HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: ST-2 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter										Series/Size
F	a	s	l	a	R	d	1	6		Text Length
1.6	2.3	2.6	1.3	1.1	1.7	2.3	2	1.6	1.6	C 4 14.8

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-1 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
HEIGHT: 0'-8"
TOTAL AREA: 2.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size	
A	l	b	e	m	a	r	l	a	v	e			Text Length	
3.6	3	1.3	2.5	2.6	3.0	2.6	1.0	1.2	2	2.3	2.1	2	1.5	C 4 28.7

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-3 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR DATE: February 2010
PROJECT ID: 50219 DIV: 04

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter										Series/Size
H	i	l	l	s	t					Text Length
3.3	3	1.3	1.3	0.6	2.3	1.9	1.1	3.3		C 4 11.4

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-4
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	Text Length
N	E	M	A	I	N	S	T				C 4	20.6
1.7	2.3	1.5	2.3	3.2	2.6	1.3	2	2.3	1.9	1.1	1.7	

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-6
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	Text Length
S	E	M	A	I	N	S	T				C 4	20.5
1.0	2.2	1.5	2.3	3.2	2.6	1.3	2	2.3	1.9	1.1	1.0	

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-5
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	Text Length
N	W	M	A	I	N	S	T				C 4	21.1
1.4	2.1	2.3	2.3	3.2	2.6	1.3	2	2.3	1.9	1.1	1.4	

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-7
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size	Text Length
S	W	M	A	I	N	S	T				C 4	20.9
1.6	2	2.3	2.2	3.2	2.6	1.3	2	2.2	1.9	1.1	1.6	

NORTH CAROLINA D.O.T. SIGN DETAIL



URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED
SIGNING PANEL
DESIGNS

PROJECT NUMBER:
50219

ISSUED:
04.22.10

REVISED: # COMMENTS:

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Asha M. Rodrick 4-22-10
SIGNATURE DATE

SCALE
0
N/A

CV 9.27

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Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: ST-8
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.7 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length
M	a	r	i	g	o	l	d	s	t				C 4	22.5
3.7	3.2	2.6	1.8	1.2	2.6	2.6	1.2	2	2.3	1.9	1.1	3.7		

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-10
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length
S	u	n	s	e	t		A	v	e				C 4	21.7
1.1	2.8	2.8	2.6	2	2.2	1.4	2.3	2.1	2	1.5	1.1			

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-9
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 1'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	Text Length
N	a	s	h		s	t				C 4	14.7
1.6	2.8	2.4	2.2	2	2.3	1.9	1.1	1.6			

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-11
TYPE: BACKG COLOR: Dark Blue
COPY COLOR: White
DESIGN BY: TRT
PROJECT ID: 50219
CHECKED BY: NMR
DIV: 04
DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-0"
HEIGHT: 0'-8"
TOTAL AREA: 1.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADIUS: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

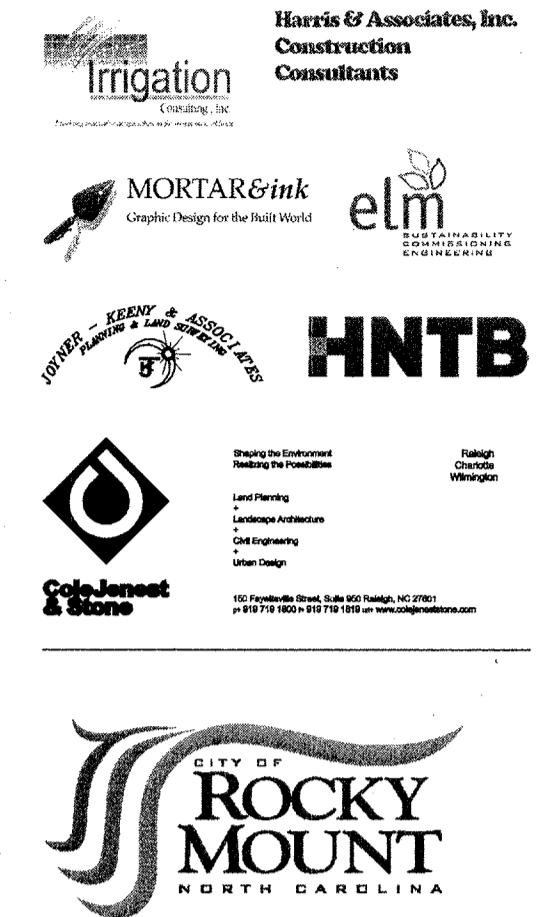
USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	Text Length
T	a	r	b	o	r	o		s	t				C 4	20.8
1.6	2.3	2.6	1.8	2.5	2.6	1.6	2	2.3	1.9	1.1	1.6			

NORTH CAROLINA D.O.T. SIGN DETAIL

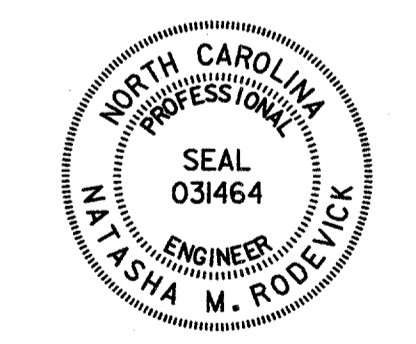


URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT
PHASE II

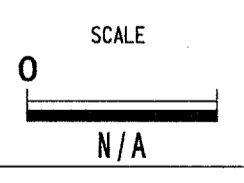
ISSUED FOR BIDDING
**PROPOSED
SIGNING PANEL
DESIGNS**

PROJECT NUMBER: 50219
ISSUED: 04.22.10
REVISED: # COMMENTS:

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Asha M. Rodick 4.22.10
SIGNATURE DATE



CV 9.28

Prepared by:
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URBAN STREETSCAPE
PLAN FOR DOWNTOWN
ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

PROPOSED
SIGNING PANEL
DESIGNS

PROJECT NUMBER:
50219

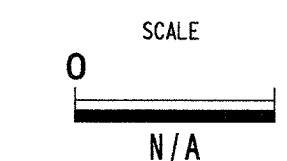
ISSUED:
04.22.10

REVISED: # COMMENTS:

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Signature: *Natasha M. Ralston* DATE: 4.22.10



CV 9.29

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Raleigh, North Carolina 27609
NC License No: C-1554

SIGN NUMBER: ST-12 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR
PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.7 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size	Text Length	
E	T	H	O	M	A	S	S	T				C 4	24.8	
2.6	1.5	2.3	2.5	2.6	2.6	3.8	2.4	1.7	2.3	1.9	1.1	2.6		

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-14 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR
PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
HEIGHT: 0'-8"
TOTAL AREA: 2.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size	Text Length			
W	A	S	H	I	N	G	T	O	N	S	T	C 4	28.6			
3.7	3.3	2.4	2.2	2.7	1.3	2.6	2.4	1.7	2.6	2	2.3	1.9	1.1	3.7		

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-13 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR
PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.7 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size	Text Length	
W	T	H	O	M	A	S	S	T				C 2000	25.5	
2.2	2.3	2.3	2.5	2.6	2.6	3.8	2.4	1.7	2.3	1.9	1.1	2.2		

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: ST-15 BACKG COLOR: Dark Blue
TYPE: COPY COLOR: White DESIGN BY: TRT CHECKED BY: NMR
PROJECT ID: 50219 DIV: 04 DATE: February 2010

QUANTITY: See CV 9.18

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 2'-6"
HEIGHT: 0'-8"
TOTAL AREA: 1.7 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,4
1. Legend and border shall be direct applied Type C reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type C reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type C reflective sheeting.
5. Background shall be Type A reflective sheeting.
6. Center arrow(s) vertically on sign.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter												Series/Size	Text Length	
W	E	A	S	T	E	R	N	A	V	E		C 2000	23.6	
3.2	3.4	2.4	1.8	1.7	2.6	1.8	2	2.3	2.1	2	1.8	3.2		

NORTH CAROLINA D.O.T. SIGN DETAIL

PLAN KEY

Phase II Installations

- P (Pod Sign, Phase II)
- D (Directional Sign, Phase II)
- T (Trailblazer Sign, Phase II)
- Primary Visitor Corridor
- One-way Street

Add Alternate Installations

- P (Pod Signs)
- D (Directional Sign, Future)
- T (Trailblazer Sign, Future)
- Rocky Mount Gateway, Future
- Historic Downtown Gateway, Future

Note:

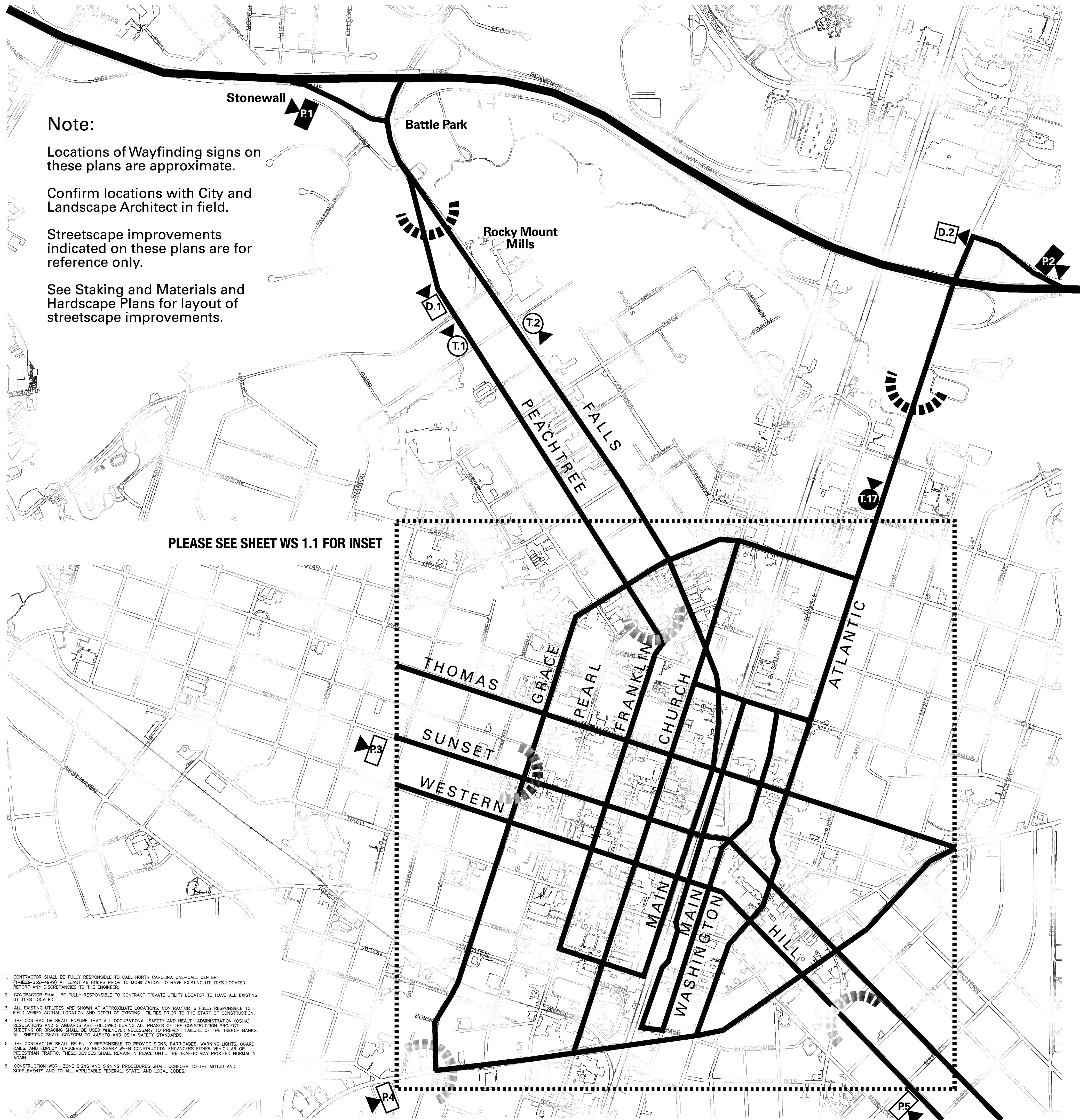
Locations of Wayfinding signs on these plans are approximate.

Confirm locations with City and Landscape Architect in field.

Streetscape improvements indicated on these plans are for reference only.

See Staking and Materials and Hardscape Plans for layout of streetscape improvements.

PLEASE SEE SHEET WS 1.1 FOR INSET



1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO HAVE ALL EXISTING UTILITIES LOCATED.
3. ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO ASDHO AND OSHA SAFETY STANDARDS.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WAYFINDING SIGNAGE - GREATER ROCKY MOUNT PLAN

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

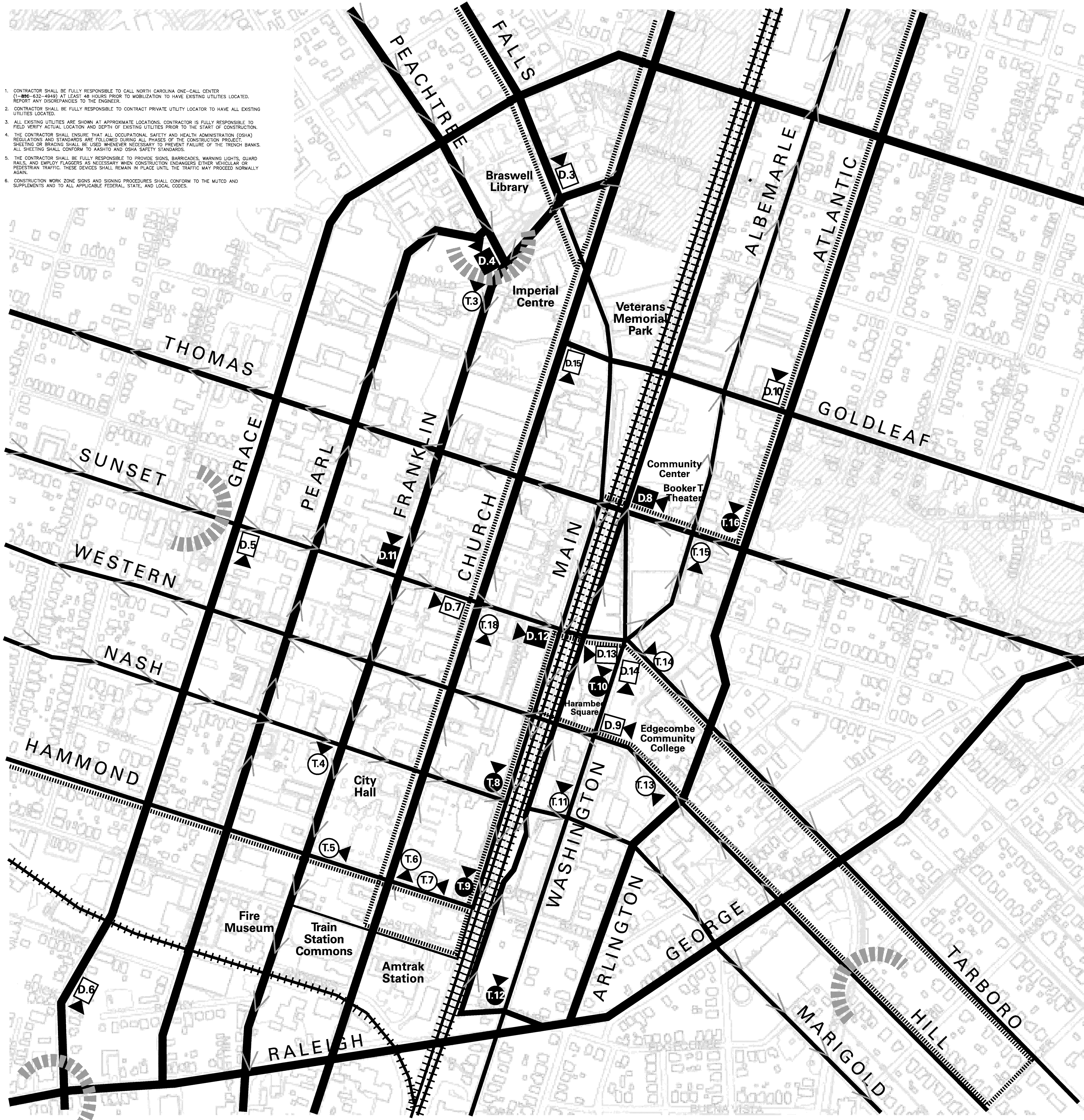
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No Scale

WS 1.0

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1. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CALL NORTH CAROLINA ONE-CALL CENTER (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO MOBILIZATION TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTRACT PRIVATE UTILITY LOCATOR TO HAVE ALL EXISTING UTILITIES LOCATED.
3. ALL EXISTING UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS. CONTRACTOR IS FULLY RESPONSIBLE TO FIELD VERIFY ACTUAL LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL ENSURE THAT ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND STANDARDS ARE FOLLOWED DURING ALL PHASES OF THE CONSTRUCTION PROJECT. SHEETING OR BRACING SHALL BE USED WHENEVER NECESSARY TO PREVENT FAILURE OF THE TRENCH BANKS. ALL SHEETING SHALL CONFORM TO AASHTO AND OSHA SAFETY STANDARDS.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO PROVIDE SIGNS, BARRICADES, WARNING LIGHTS, GUARD RAILS, AND EMPLOY FLAGGERS AS NECESSARY WHEN CONSTRUCTION ENDANGERS EITHER VEHICULAR OR PEDESTRIAN TRAFFIC. THESE DEVICES SHALL REMAIN IN PLACE UNTIL THE TRAFFIC MAY PROCEED NORMALLY AGAIN.
6. CONSTRUCTION WORK ZONE SIGNS AND SIGNING PROCEDURES SHALL CONFORM TO THE MUTCD AND SUPPLEMENTS AND TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.



Note:

Locations of Wayfinding signs on these plans are approximate.

Confirm locations with City and Landscape Architect in field.

Streetscape improvements indicated on these plans are for reference only.

See Staking and Materials and Hardscape Plans for layout of streetscape improvements.

PLAN KEY

- Phase II Installations**
- P (Pod Sign, Phase II)
 - D (Directional Sign, Phase II)
 - T (Trailblazer Sign, Phase II)
 - Primary Visitor Corridor
 - One-way Street
- Add Alternate Installations**
- P (Pod Signs)
 - D (Directional Sign, Future)
 - T (Trailblazer Sign, Future)
 - Rocky Mount Gateway, Future
 - Historic Downtown Gateway, Future

Irrigation
Consulting, Inc.

MORTAR&ink
Creative Design for the Built World

elm
Landscape Architecture

HNTB
HNTB GROUP, INC.

ColeJenest & Stone
Landscape Architecture
Civil Engineering
Site Planning
Construction Management



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WAYFINDING SIGNAGE - DOWNTOWN PLAN ROCKY MOUNT

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

REVISED: #	COMMENTS:
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No Scale

WS 1.1

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**STREETSCAPE PLAN
 FOR DOWNTOWN
 ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WAYFINDING SIGNAGE -
 DOWNTOWN PLAN
 ROCKY MOUNT**

PROJECT NUMBER:

50219

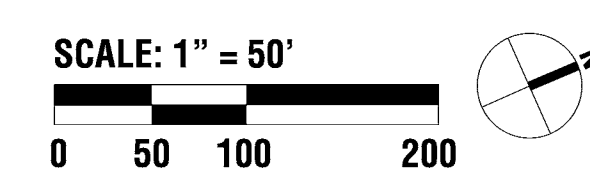
ISSUED:

04.22.10

REVISED: # COMMENTS:

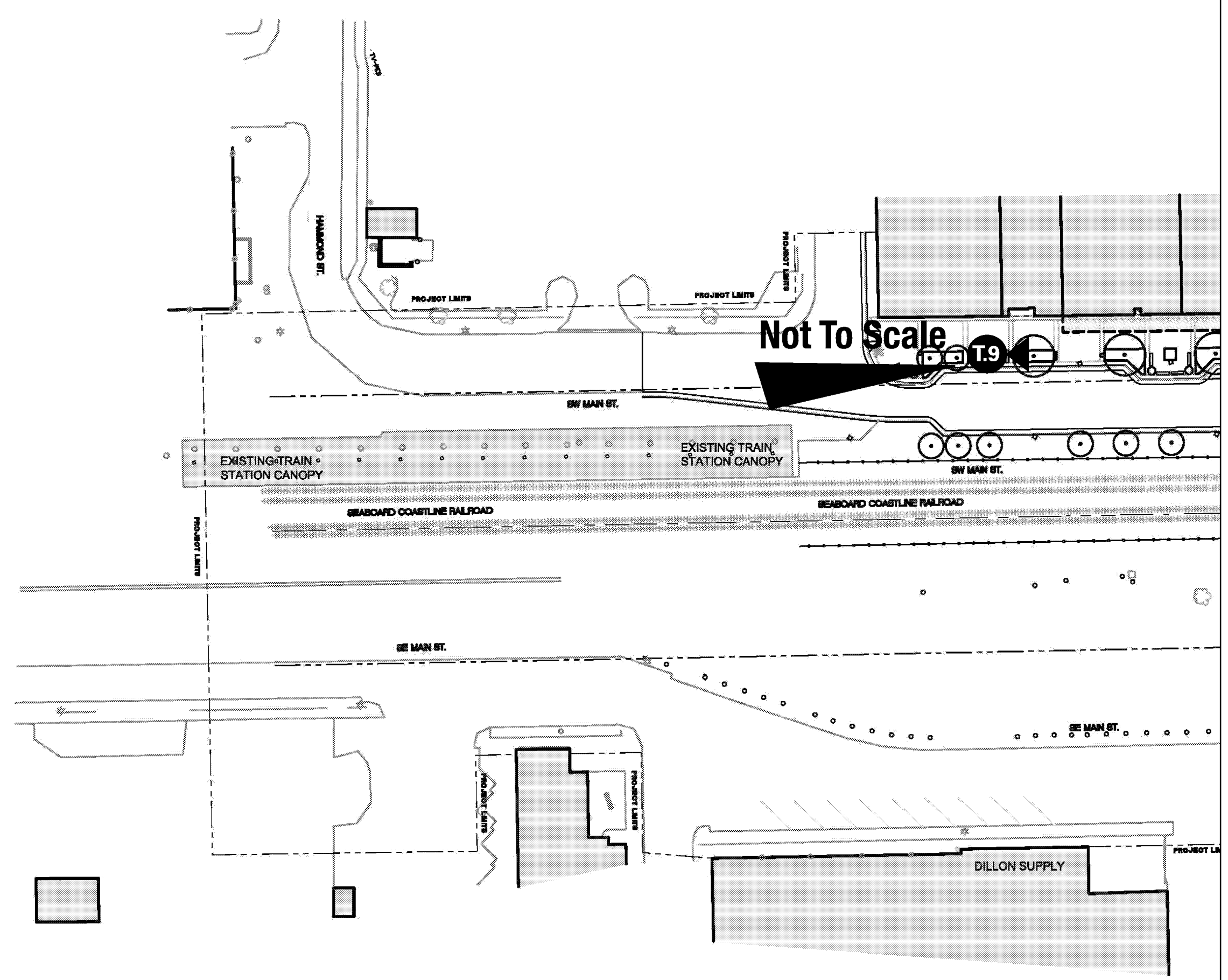
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Note:
 One wayfinding sign, T.9
 located in this area.



WS 1.2

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Note:
 Locations of Wayfinding signs on these plans are approximate.
 Confirm locations with City and Landscape Architect in field.
 Streetscape improvements indicated on these plans are for reference only.
 See Staking and Materials and Hardscape Plans for layout of streetscape improvements.

M:\0219.dwg, C:\P\0219.dwg, 3/18/2010 10:22:17 AM, Jshover

**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WAYFINDING SIGNAGE -
DOWNTOWN PLAN
ROCKY MOUNT**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

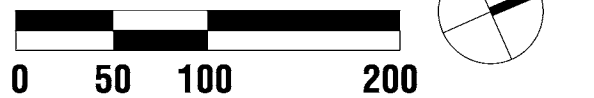
REVISED: # COMMENTS:

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Note:

*One wayfinding sign, T.8
located in this area.*

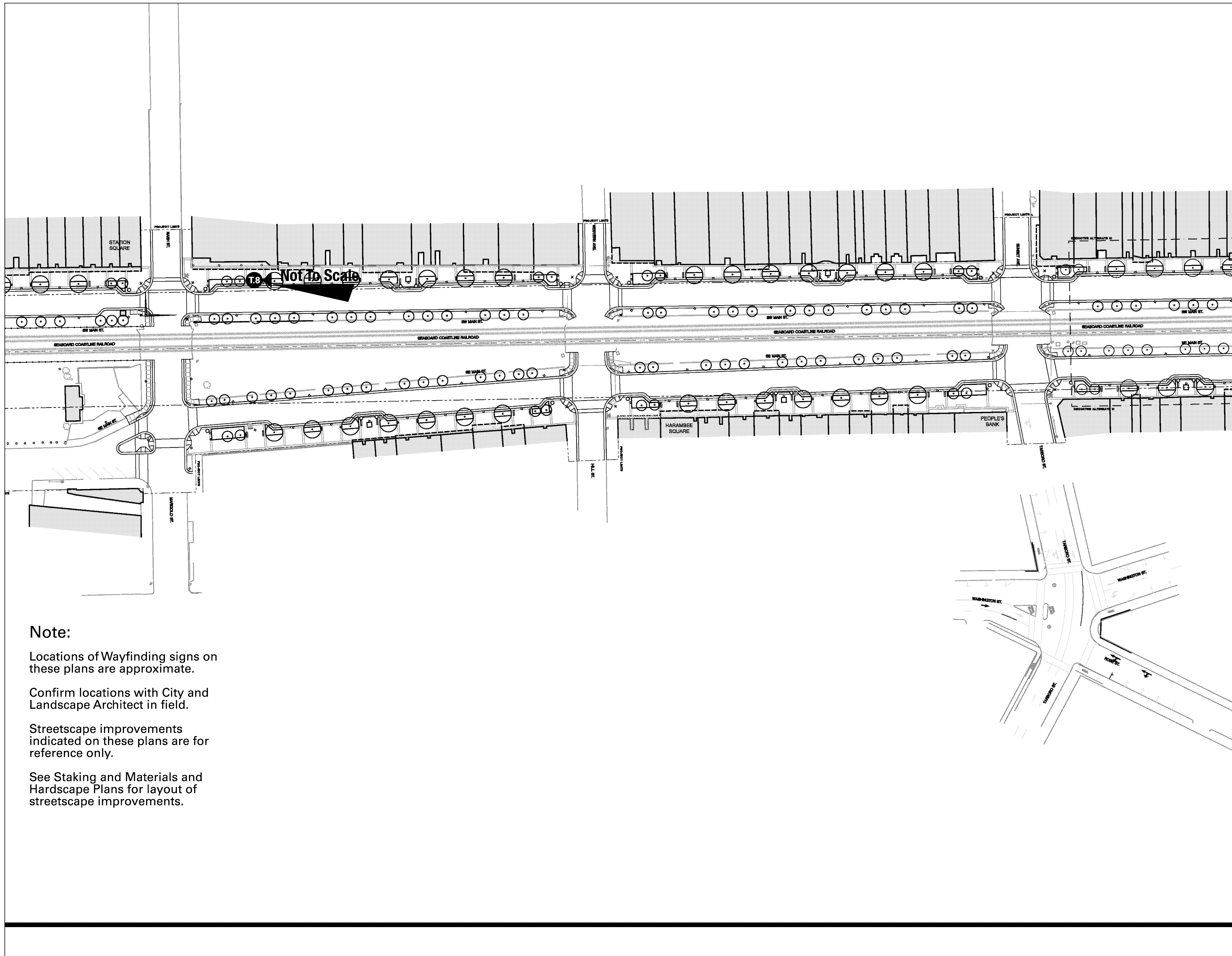
SCALE: 1" = 50'



WS 1.3

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Note:

Locations of Wayfinding signs on these plans are approximate.

Confirm locations with City and Landscape Architect in field.

Streetscape improvements indicated on these plans are for reference only.

See Staking and Materials and Hardscape Plans for layout of streetscape improvements.

**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WAYFINDING SIGNAGE -
DOWNTOWN PLAN
ROCKY MOUNT**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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Note:
 One wayfinding sign, D.8
 located in this area.

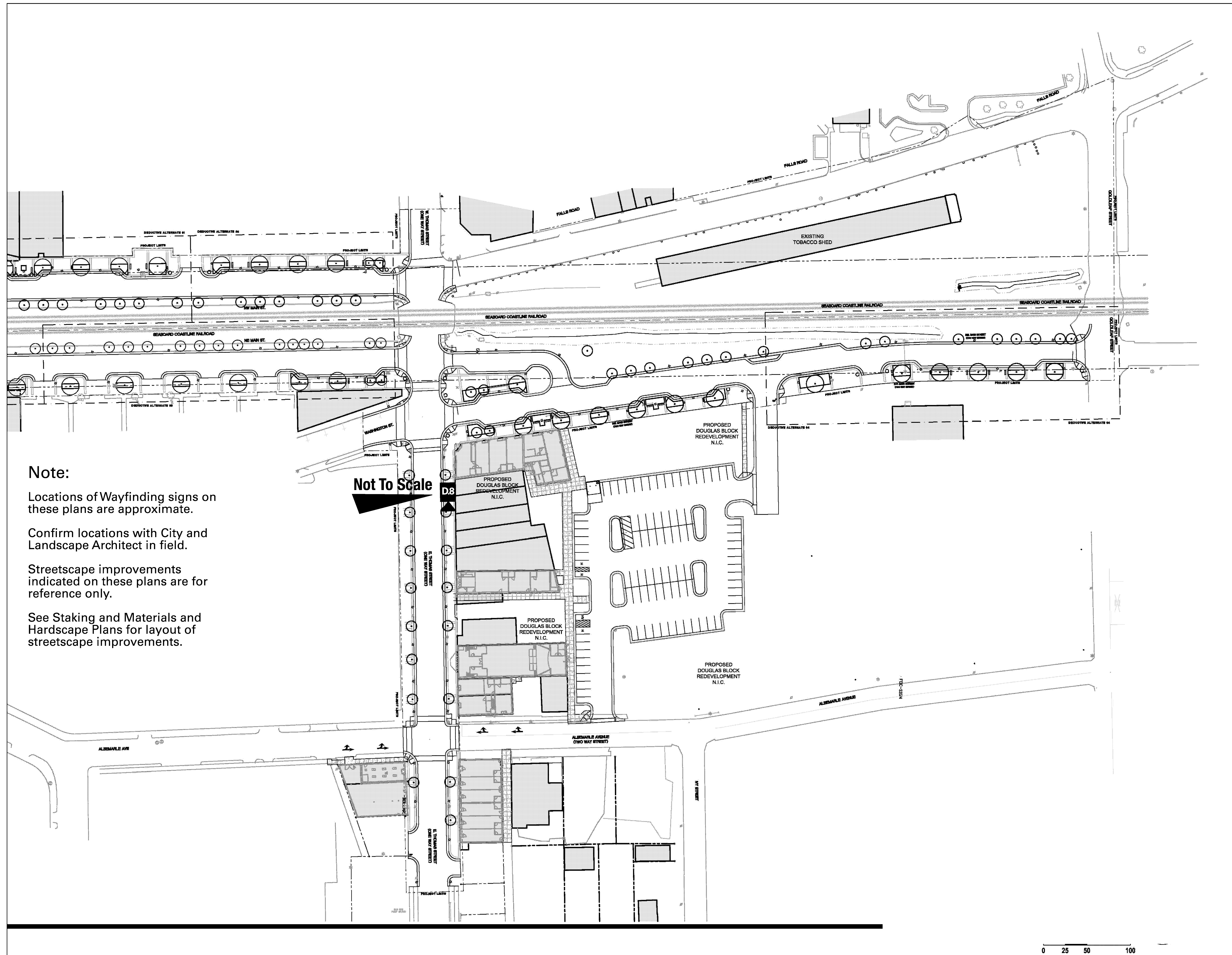
SCALE: 1" = 50'



WS 1.4

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Note:

Locations of Wayfinding signs on these plans are approximate.

Confirm locations with City and Landscape Architect in field.

Streetscape improvements indicated on these plans are for reference only.

See Staking and Materials and Hardscape Plans for layout of streetscape improvements.

NCDOT "Pod" Message	Street	Location	Looking	Accent Color	Base Detail	Finial/Cap	Base Bid/Add Alt
P.1 Historic Downtown Rocky Mount Mill Corridor Tobacco Town Main Street Douglas Block	Peachtree	US 64 East Exit	South	N/A	N/A	N/A	Base Bid
P.2 Historic Downtown Rocky Mount Douglas Block Main Street Tobacco Town Mill Corridor	Atlantic Ave	US 64 East Exit	West	N/A	N/A	N/A	Base Bid
P.3 Historic Downtown Rocky Mount Douglas Block Main Street Tobacco Town Mill Corridor	Sunset	Grace	East	N/A	N/A	N/A	Add Alt #8
P.4 Historic Downtown Rocky Mount Douglas Block Main Street Tobacco Town Mill Corridor	Grace	Sunset	North	N/A	N/A	N/A	Add Alt #8
P.5 Historic Downtown Rocky Mount Douglas Block Main Street Tobacco Town Mill Corridor	Cokey Road	Hill Street	Northwest	N/A	N/A	N/A	Add Alt #8

Large Directional Message	Street	Location	Looking	Accent Color	Base Detail	Finial/Cap	Base Bid/Add Alt
D.1 Tobacco Town Main Street Douglas Block ^	Peachtree	at River	South	Orange	Decorative tr Match Lights	Decorative to Match Lights	Add Alt #5
D.2 Douglas Block Main Street Tobacco Town <	Atlantic	at US 64	West	Yellow	City Utility Standard	City Utility Standard	Add Alt #8
D.3 Main Street Douglas Block ^	Falls Road	at Franklin	South	Green	City Utility Standard	City Utility Standard	Add Alt #8
D.4 Tobacco Town Main Street Douglas Block >	Peachtree	at Franklin	South	Green	City Utility Standard	City Utility Standard	Base Bid
D.5 Main Street Douglas Block >	Grace	at Sunset	North	Red	City Utility Standard	City Utility Standard	Add Alt #8
D.6 Main Street Douglas Block ^	Grace	at Nance	North	Red	City Utility Standard	City Utility Standard	Add Alt #8
D.7 Main Street Douglas Block ^ Tobacco Town <	Sunset	at Church	East	Red	City Utility Standard	City Utility Standard	Add Alt #8
D.8 Tobacco Town > Main Street <	Thomas	at Main	West	Yellow	Decorative tr Match Lights	Decorative to Match Lights	Base Bid

Large Directional Message	Street	Location	Looking	Accent Color	Base Detail	Finial/Cap	Base Bid/Add Alt
D.9 Main Street Douglas Block >	Hill	at Washington	West	Yellow	City Utility Standard	City Utility Standard	Add Alt #8
D.10 Douglas Block ^ Main Street Tobacco Town >	Atlantic	at Goldleaf	South	Yellow	City Utility Standard	City Utility Standard	Add Alt #8
D.11 Douglas Block >	Franklin	at Sunset	South	Red	City Utility Standard	City Utility Standard	Base Bid
D.12 Douglas Block ^	Sunset	Main	East	Red	City Utility Standard	City Utility Standard	Base Bid
D.13 Main Street Douglas Block <	Sunset	Washington	East	Yellow	City Utility Standard	City Utility Standard	Add Alt #8
D.14 Main Street Douglas Block ^	Washington	Sunset	North	Yellow	City Utility Standard	City Utility Standard	Add Alt #8
D.15 Mill Corridor ^ Main Street Douglas Block >	Church	Goldleaf	North	Green	City Utility Standard	City Utility Standard	Add Alt #8

Trailblazers Message	Street	Cross	Looking	Accent Color	Base Detail	Finial/Cap	Base Bid/Add Alt
T.1 Rocky Mount Mills Battle Park <	Peachtree	at Elm	South	Orange	Decorative tr Match Lights	Decorative to Match Lights	Add Alt #5
T.2 Rocky Mount Mills Battle Park ^	Falls	at Elm	North	Orange	Decorative tr Match Lights	Decorative to Match Lights	Add Alt #8
T.3 Imperial Centre <	Franklin	S. of Donald	South	Green	City Utility Standard	City Utility Standard	Add Alt #8
T.4 City Hall <	Franklin	Nash	South	Red	City Utility Standard	City Utility Standard	Add Alt #8
T.5 Fire Museum ^	Chester	Franklin	West	Red	City Utility Standard	City Utility Standard	Add Alt #8
T.6 City Hall Next Left ^	Church	Hammond	North	Red	City Utility Standard	City Utility Standard	Add Alt #8
T.7 Rocky Mount Commor Fire Museum ^	Church	West	West	Red	City Utility Standard	City Utility Standard	Add Alt #8
T.8 Historic Train Station Main Fire Museum ^	Main Nash	South	South	Red	Decorative tr Match Lights	Decorative to Match Lights	Base Bid
T.9 Historic Train Station Main Rocky Mount Commons <	Main Chester	South	South	Red	Decorative tr Match Lights	Decorative to Match Lights	Base Bid
T.10 Harambee Square <	Washington	N. of Western	South	Yellow	City Utility Standard	City Utility Standard	Base Bid

Trailblazers Message	Street	Cross	Looking	Accent Color	Base Detail	Finial/Cap	Base Bid/Add Alt
T.11 Main Street ^	Washington	at Nash	South	Red	City Utility Standard	City Utility Standard	Add Alt #8
T.12 Main Street >	Washington	at Battle	South	Red	City Utility Standard	City Utility Standard	Base Bid
T.13 Edgecombe Communi College > Harambee Square ^	Tarborough	at Washington	East	Red	City Utility Standard	City Utility Standard	Add Alt#8
T.14 Edgecombe Communi Hill College >	Hill	at Washington	West	Red	City Utility Standard	City Utility Standard	Add Alt#8
T.15 Booker-T Theater <	Albemarle	at Thomas	North	Yellow	City Utility Standard	City Utility Standard	Add Alt#8
T.16 Booker-T Theater >	Atlantic	at Thomas	South	Yellow	City Utility Standard	City Utility Standard	Base Bid
T.17 Booker T. Washington School ^ Martin Luther King Jr. Park <	Atlantic	at Virginia	South	Yellow	City Utility Standard	City Utility Standard	Base Bid
T.18 Imperial Center ^ Main Street >	Church	at Sunset	North	Red	City Utility Standard	City Utility Standard	Add Alt #8

NOTE: See Specifications for further clarification on Base Bid and Add Alternates for Signs.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WAYFINDING SIGNAGE MESSAGE SCHEDULE

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

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No Scale

WS 1.5

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**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WAYFINDING SIGNAGE
POD SIGNS**

PROJECT NUMBER:

50219

ISSUED:

04.22.10

REVISED: # COMMENTS:

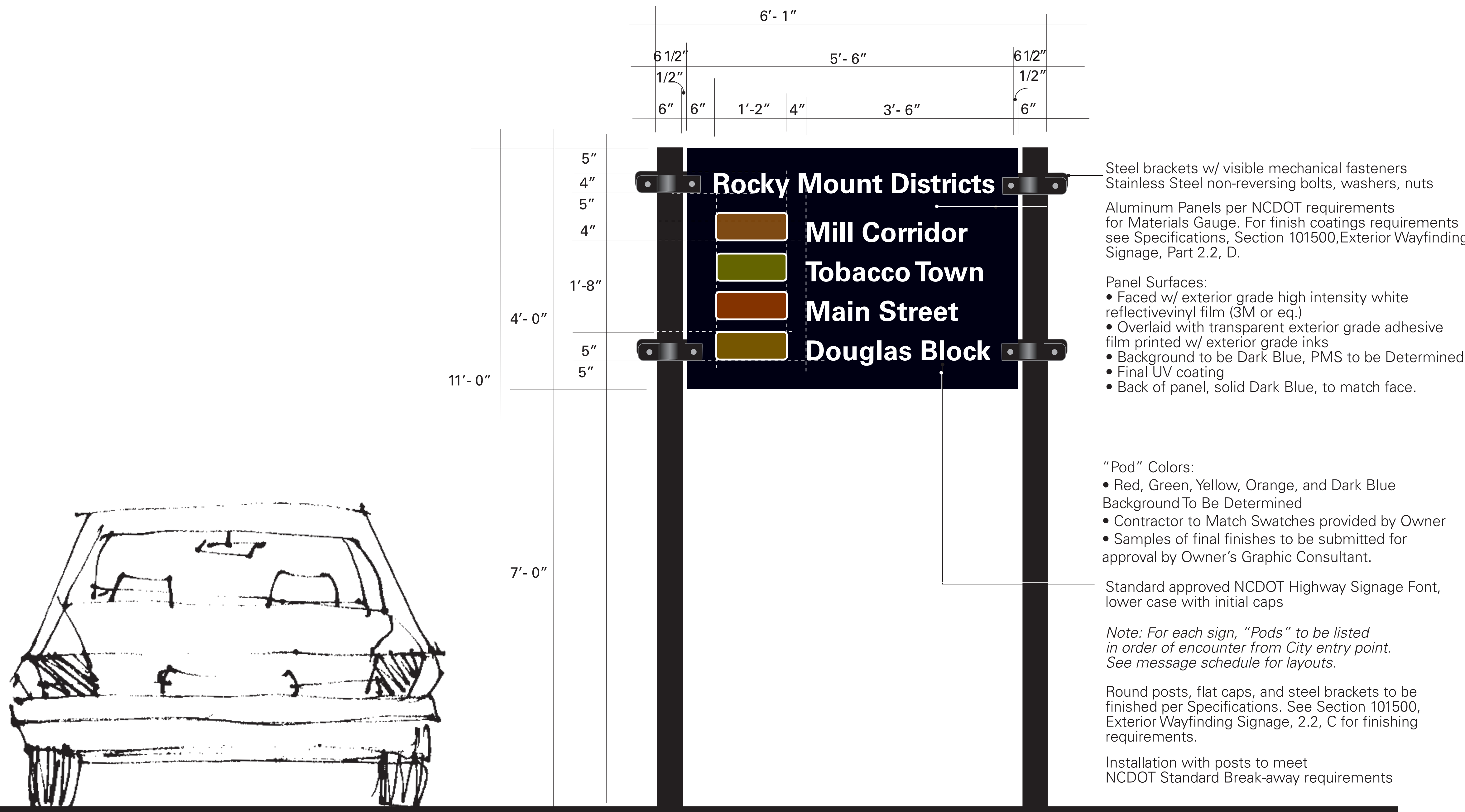
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SCALE: 1" = 1'- 0"

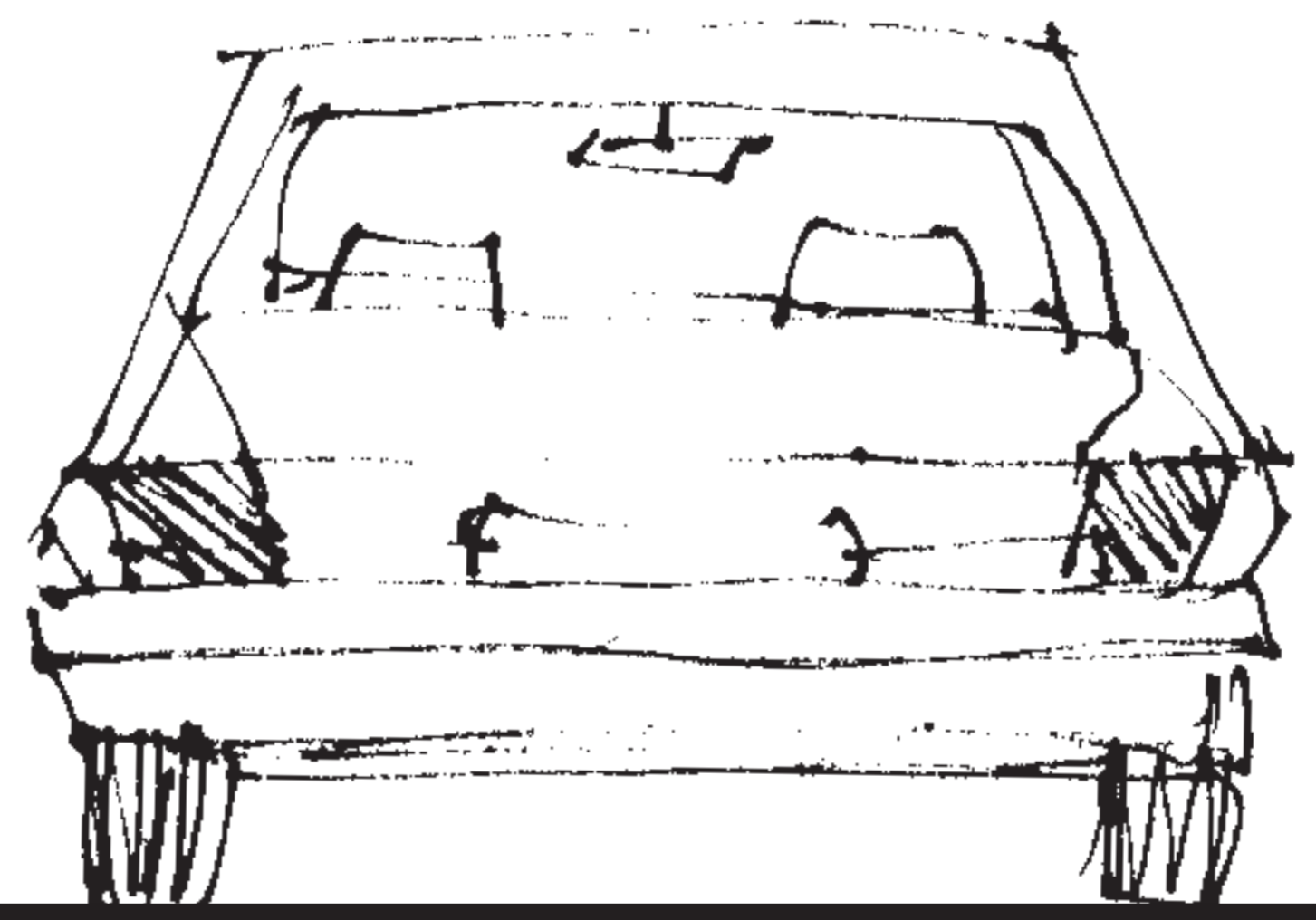
WS 1.6

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NCDOT "Pod" Sign

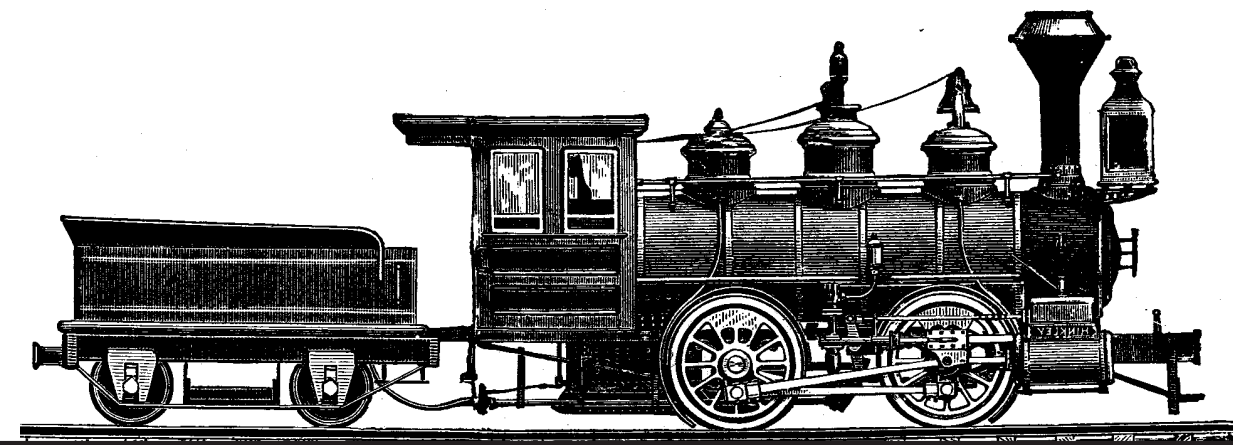


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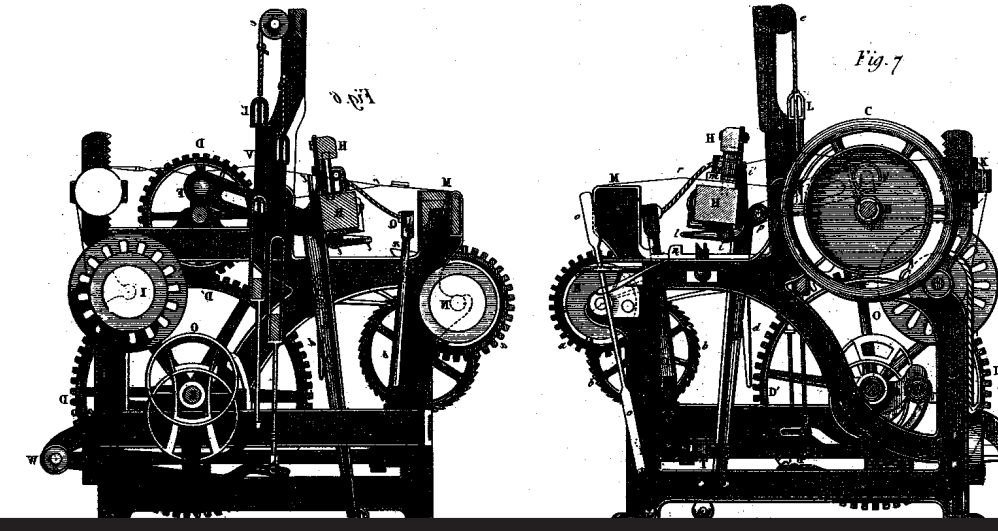
- Digital files for production of graphic imagery to be provided by owner.
- Fabricator/installer responsible for structural integrity of signs.



Douglas Block
Apothecary's Mortar & Pestle



Main Street
Railroad



Mill Corridor
Weaving Machinery



Tobacco Town
Tobacco Plants

No Scale



**STREETSCAPE PLAN
FOR DOWNTOWN
ROCKY MOUNT**

PHASE II

ISSUED FOR BIDDING

**WAYFINDING SIGNAGE
ELEVATION DRAWINGS**

PROJECT NUMBER:

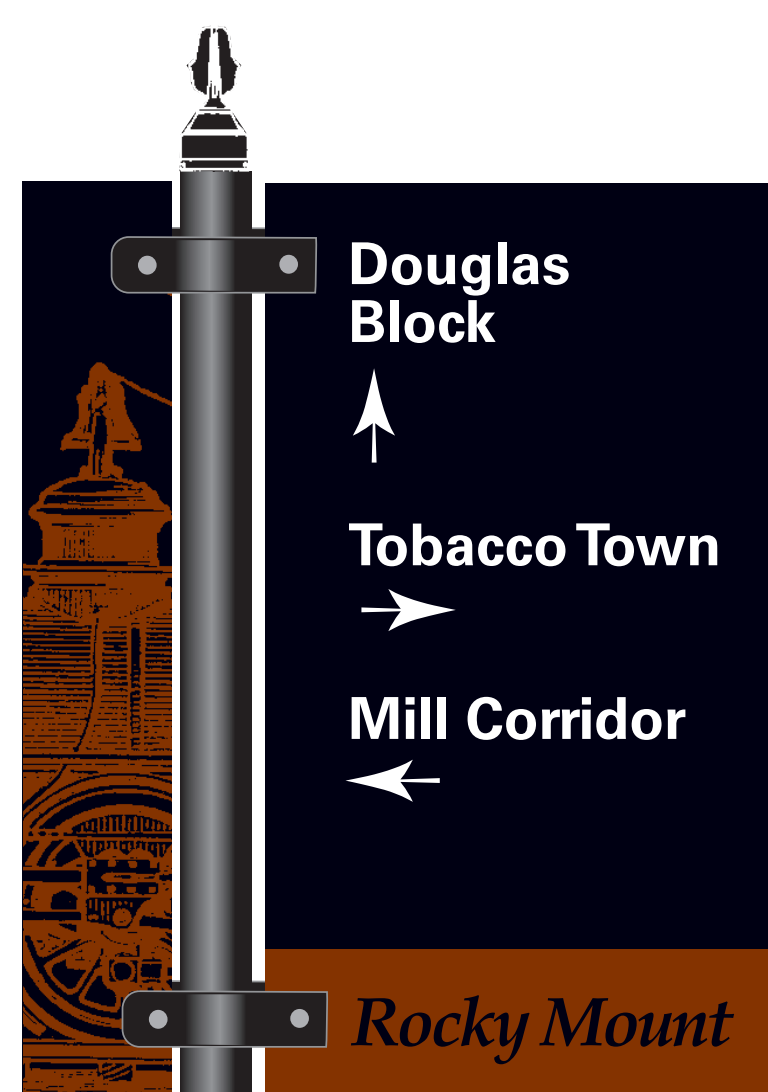
50219

ISSUED:

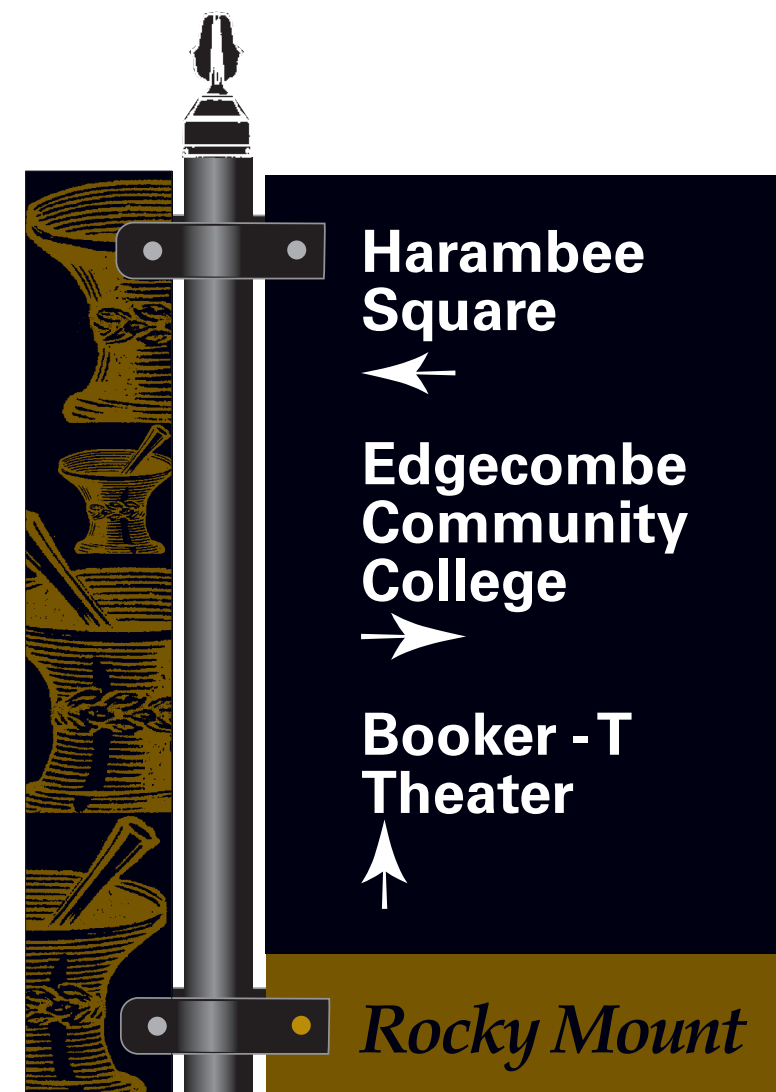
04.22.10

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Accent Color: Red
To Be Determined
Contractor to Match
Swatch provided by Owner



Accent Color: Yellow
To Be Determined
Contractor to Match
Swatch provided by Owner

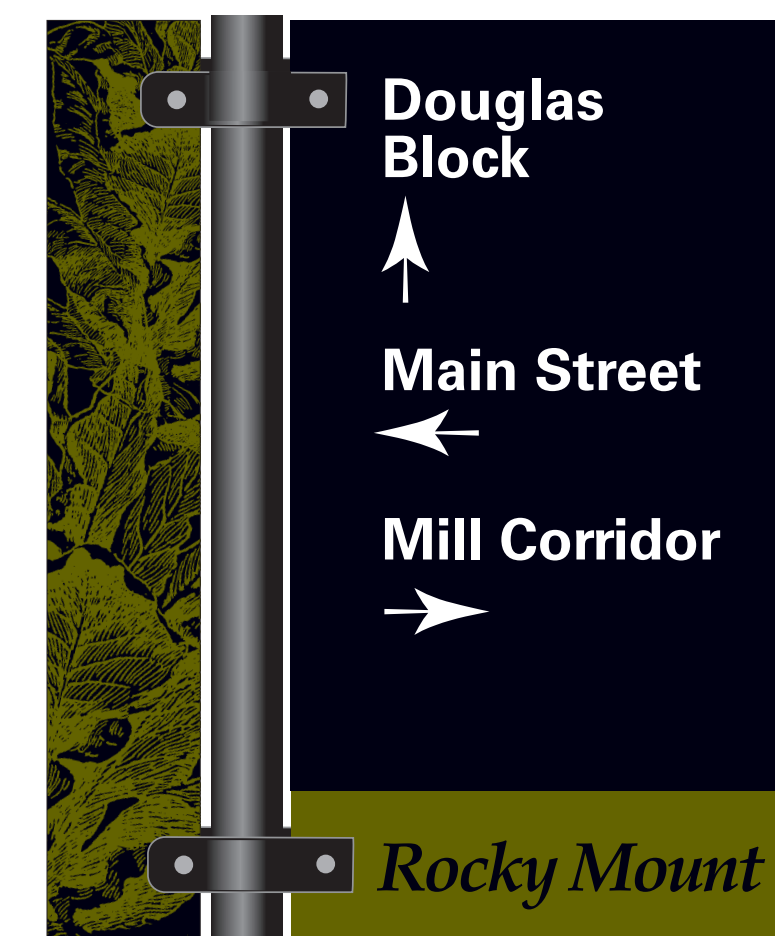
Base Color: Blue
To Be Determined
Contractor to Match
Swatch provided by Owner



"P" Parking Disk,
NOT IN CONTRACT

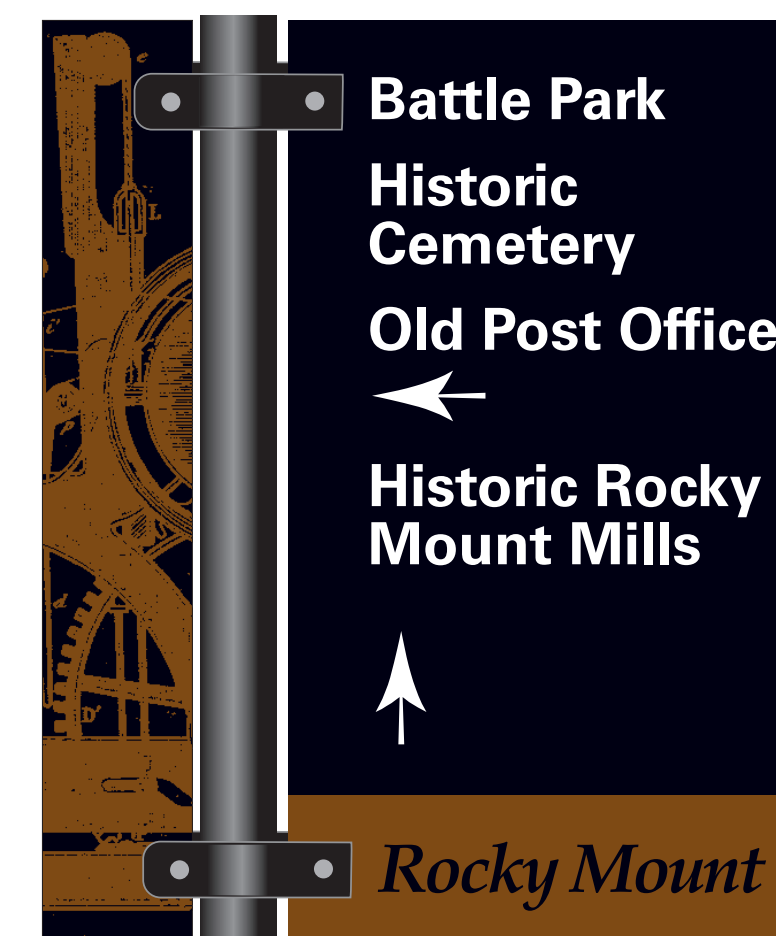


Bike Path Disk,
NOT IN CONTRACT

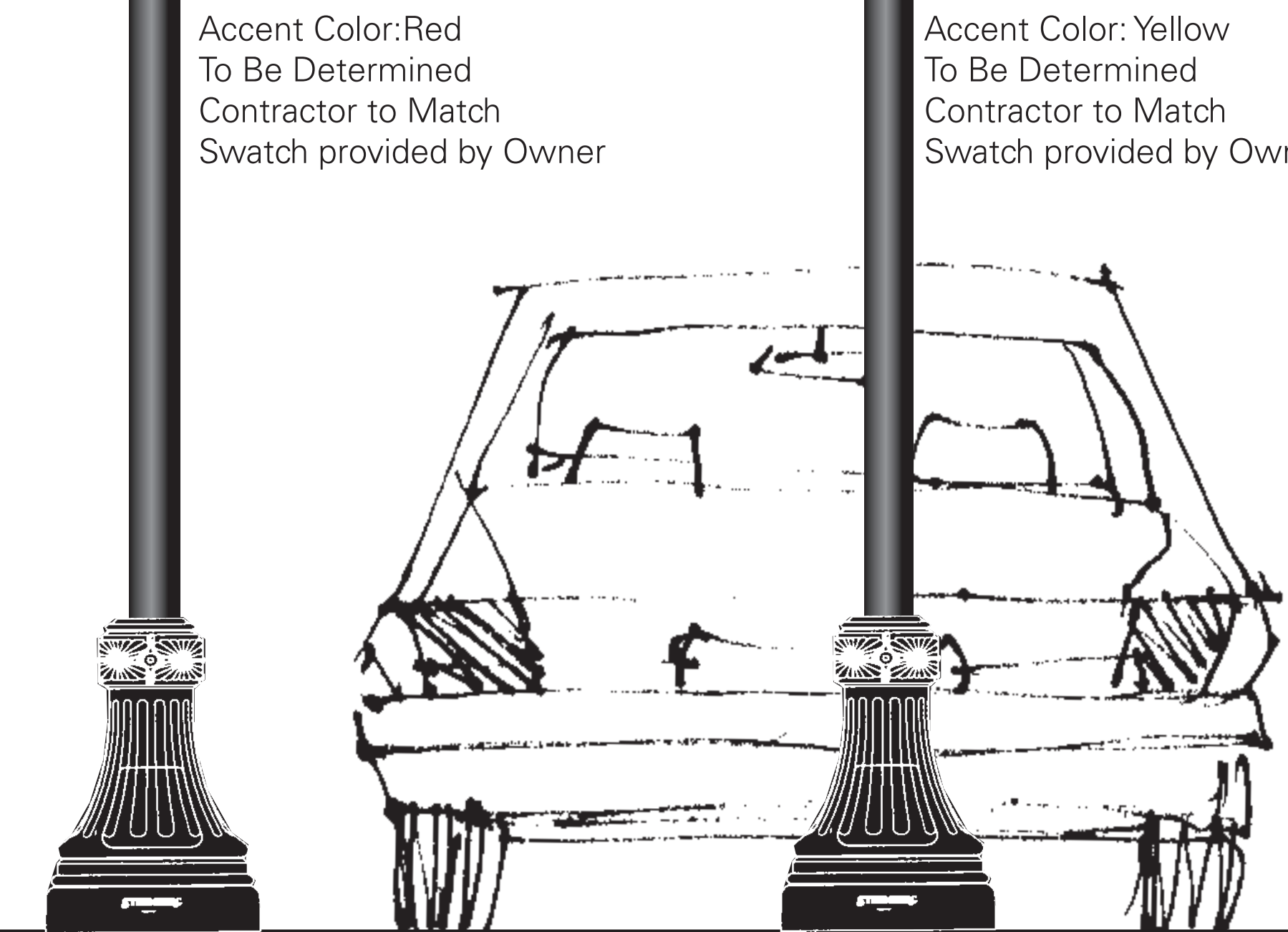


Accent Color: Green
To Be Determined
Contractor to Match
Swatch provided by Owner

Contractor to Submit Swatches of
Assembled Layers of Materials for
Review & Approval by Owner's
Graphic Consultant.



Accent Color: Orange
To Be Determined
Contractor to Match
Swatch provided by Owner



Main Street
Directional for Districts

Douglas Block
Directional w/ Destinations

Trailblazer w/ Parking

Existing Post w/ Bike Path

Tobacco Town
Directional for Districts

Mill Corridor
Directional w/ Destinations

Scale: 1" = 1'- 0"

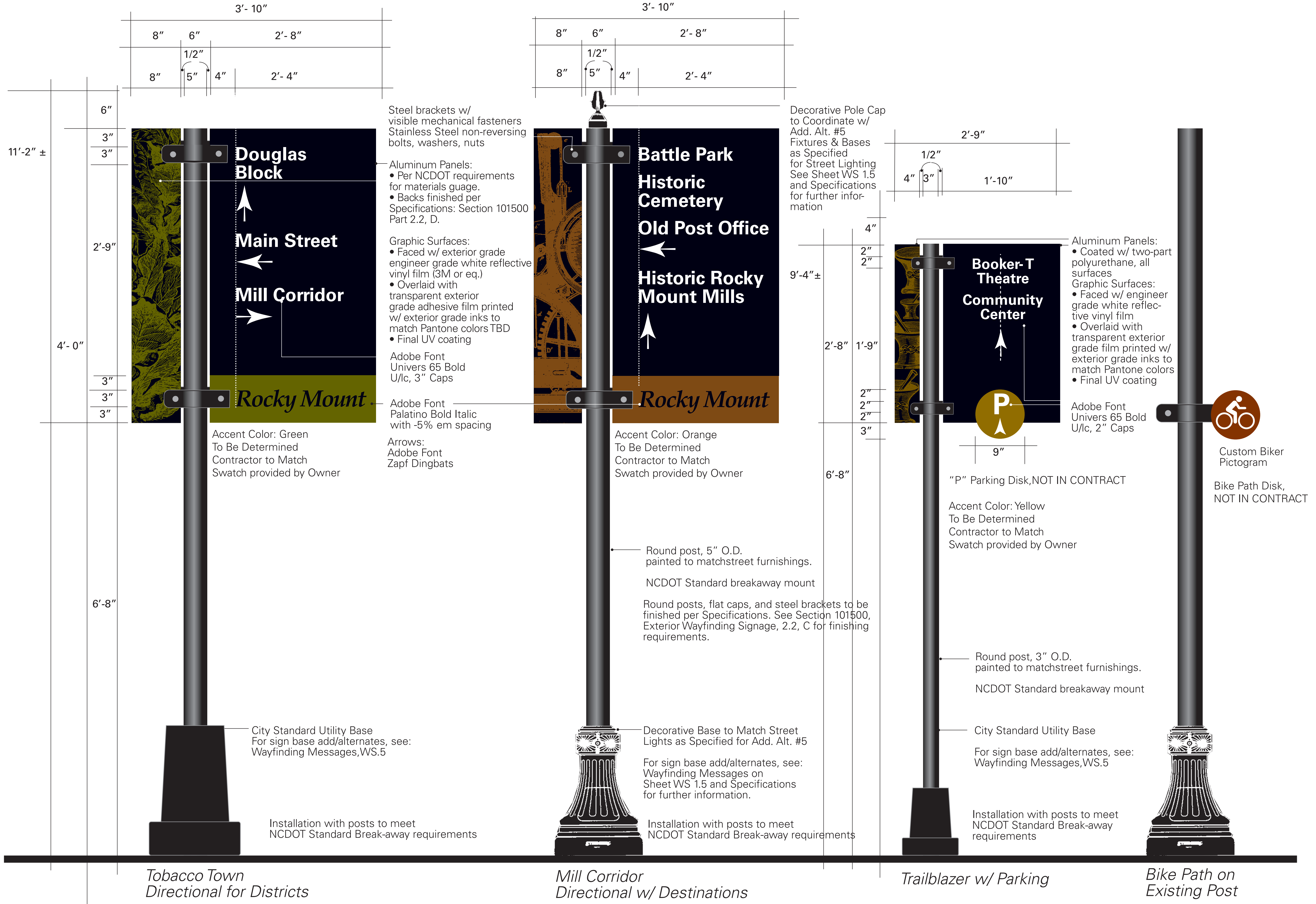
WS 1.7

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Note:

- Digital files for production of graphic imagery to be provided by owner.
- Fabricator/installer responsible for structural integrity of signs.
- Contractor to Submit Swatches of Assembled Layers of Materials of All Pod Colors for Review & Approval by Owner's Graphic Consultant.



STREETSCAPE PLAN FOR DOWNTOWN ROCKY MOUNT

PHASE II

ISSUED FOR BIDDING

WAYFINDING SIGNAGE ELEVATION DRAWINGS

PROJECT NUMBER: **50219**

ISSUED: **04.22.10**

REVISED: # COMMENTS:

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Scale: 1 1/2" = 1'-0"

WS 1.8

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