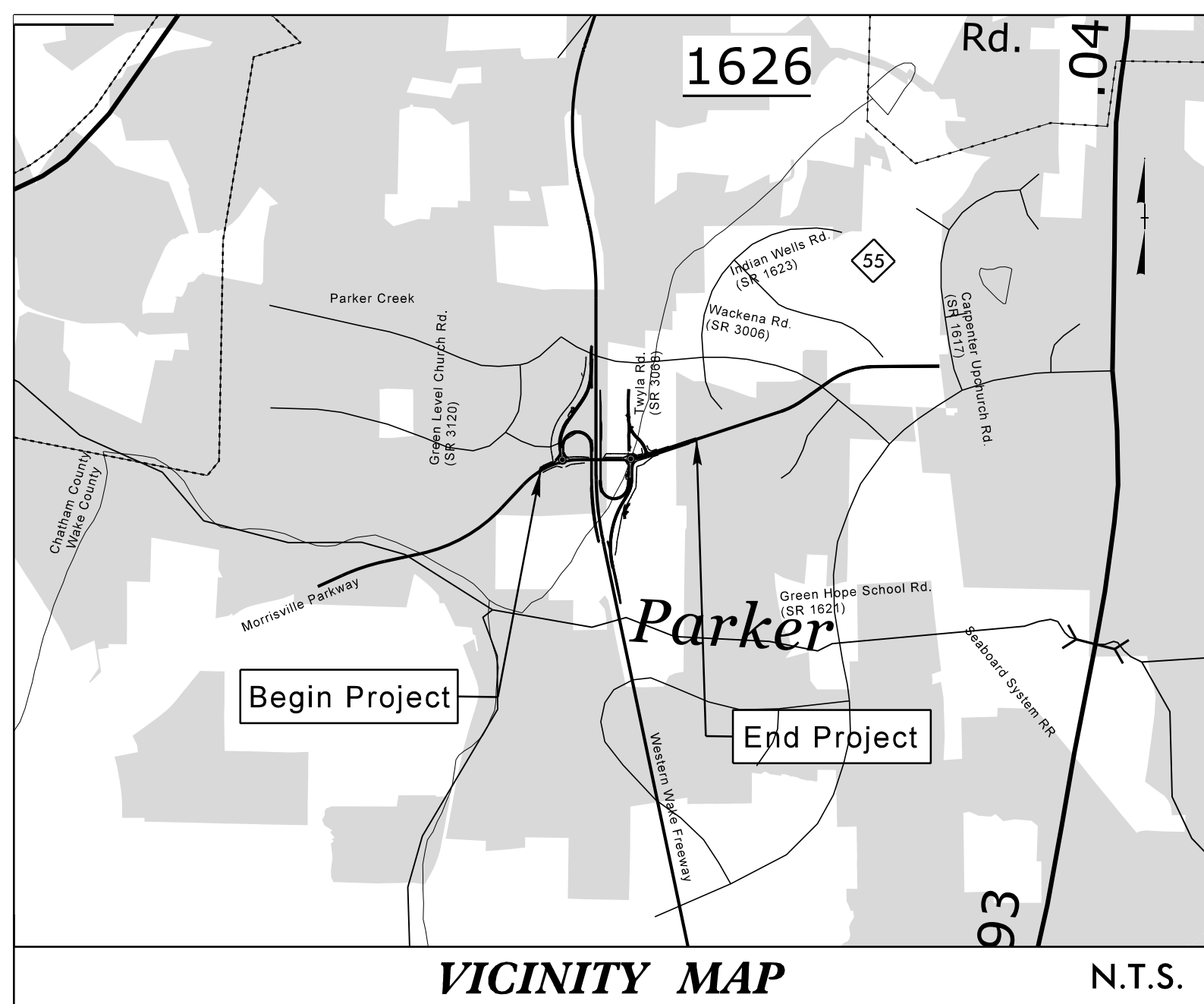


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**TIP PROJECT: U-5315A&B**  
**CARY PROJECT: ST 1123A/220**

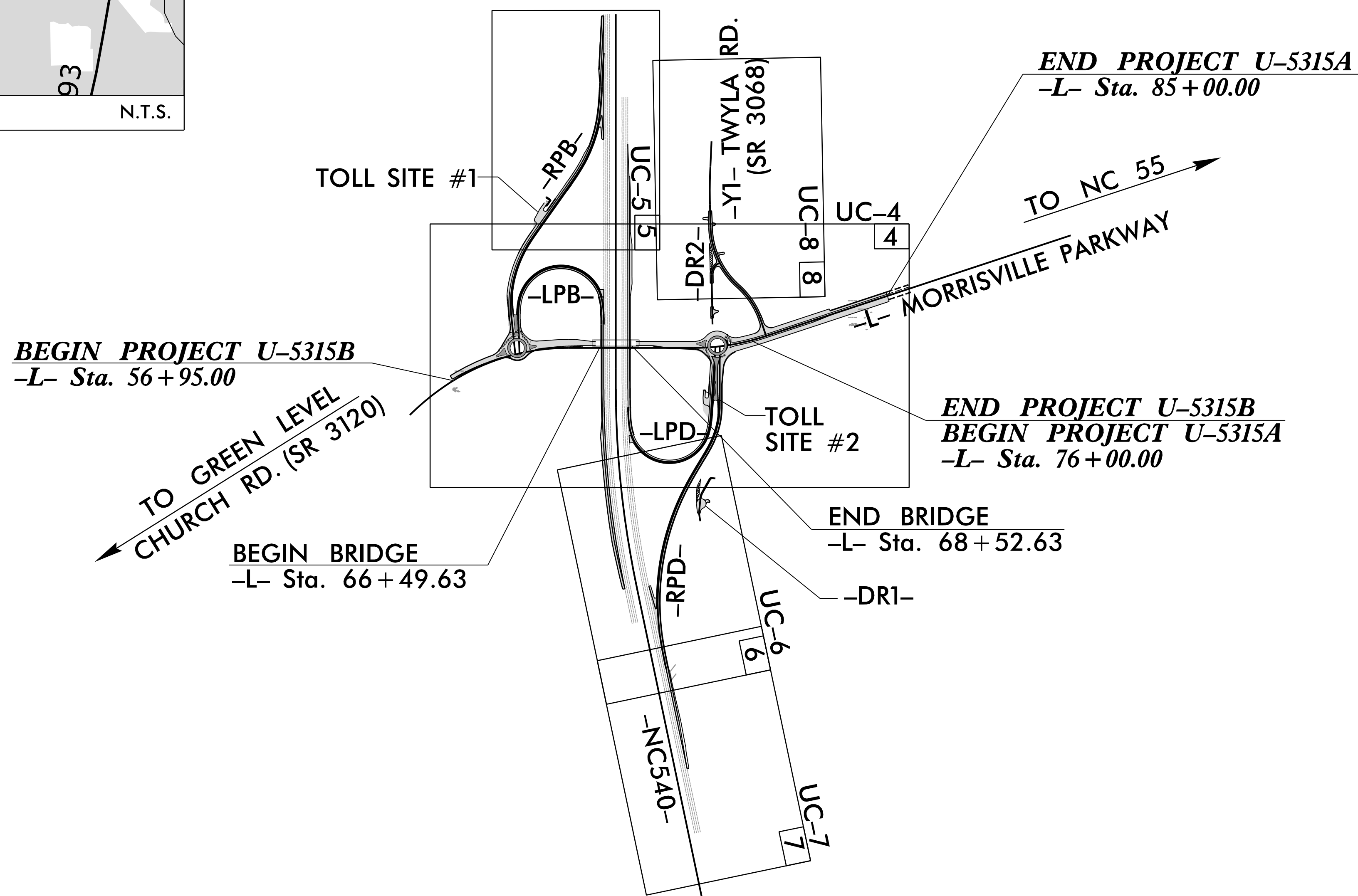


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

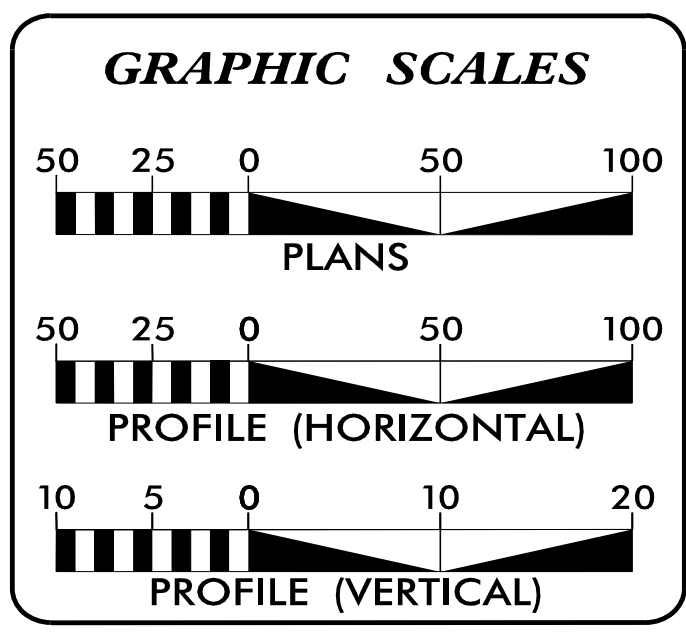
**UTILITY CONSTRUCTION PLANS**  
**WAKE COUNTY**

**LOCATION: MORRISVILLE PARKWAY EXTENSION AND NC 540 INTERCHANGE FROM WEST OF HIGHCROFT DRIVE TO EAST OF MILLS PARK DRIVE IN CARY**  
**TYPE OF WORK: UTILITY WORK**

T.I.P. NO.	SHEET NO.
U-5315AU-5315B	UC-1

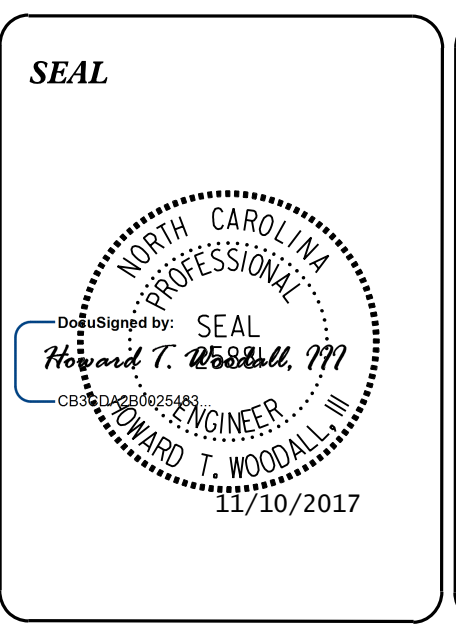


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INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-2	UTILITY SYMBOLOGY
UC-3	NOTES
UC-3A THRU UC-3C	DETAILS
UC-4 THRU UC-8	UTILITY CONSTRUCTION SHEETS
UC-9 THUR UC-10	PROFILE SHEETS

- WATER AND SEWER OWNERS ON PROJECT**
- (1) TOWN OF CARY 16" WATER LINE
  - (2) TOWN OF CARY 8" REUSE WATER LINE
  - (3) TOWN OF CARY 12" FSS SEWER (FUTURE FSS SEWER-BY OTHERS)



PREPARED IN THE OFFICE OF: <b>RK&amp;K</b> RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE, SUITE 130 RALEIGH, NORTH CAROLINA 27609 NC LICENSE NO. F-0012 FOR NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
2012 STANDARD SPECIFICATIONS <b>RIGHT OF WAY DATE:</b> NOVEMBER 20, 2015 <b>LETTING DATE:</b> DECEMBER 19, 2017	<b>STEPHEN ROBERTS, P.E.</b> PROJECT ENGINEER  <b>BRIAN PEELER, P.E.</b> PROJECT DESIGN ENGINEER

5/14/99

# STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

## UTILITIES PLAN SHEET SYMBOLS

PROJECT REFERENCE NO. U-5315 A&B	SHEET NO. UC-2
-------------------------------------	-------------------

UTILITY CONSTRUCTION PLANS

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### PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11¼ Degree Bend	
22½ Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	REM FH
Water Meter	
Relocate Water Meter	
Remove Water Meter	REM WM
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

### PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

### PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	

### EXISTING UTILITIES SYMBOLS

Power Pole		*Underground Power Line	
Telephone Pole		*Underground Telephone Cable	
Joint Use Pole		*Underground Telephone Conduit	
Utility Pole		*Underground Fiber Optics Telephone Cable	
Utility Pole with Base		*Underground TV Cable	
H-Frame Pole		*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline	
Water Manhole		Aboveground Gas Pipeline	
Power Manhole		*Underground Water Line	
Telephone Manhole		Aboveground Water Line	
Sanitary Sewer Manhole		*Underground Gravity Sanitary Sewer Line	
Hand Hole for Cable		Aboveground Gravity Sanitary Sewer Line	
Power Transformer		*Underground SS Forced Main Line	
Telephone Pedestal		Underground Unknown Utility Line	
CATV Pedestal		SUE Test Hole	
Gas Valve		Water Meter	
Gas Meter		Water Valve	
Located Miscellaneous Utility Object		Fire Hydrant	
Abandoned According to Utility Records	AATUR	Sanitary Sewer Cleanout	
End of Information	E.O.I.		

\*For Existing Utilities

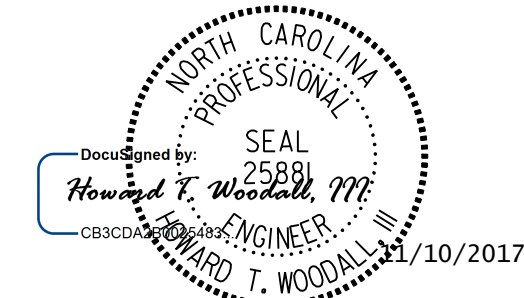
Utility Line Drawn from Record (Type as Shown)

Designated Utility Line (Type as Shown)

PLANS PREPARED BY :

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900 RIDGEFIELD DRIVE SUITE 350  
RALEIGH, NORTH CAROLINA 27609-3960  
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UTILITY CONSTRUCTION PLANS

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# UTILITY CONSTRUCTION

## GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE TOWN OF CARY STANDARDS AND SPECIFICATIONS, AND THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2012.

2. THE EXISTING WATERLINE BELONGS TO THE TOWN OF CARY.

3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF WATER RESOURCES. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.

4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.

5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.

7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.

8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.

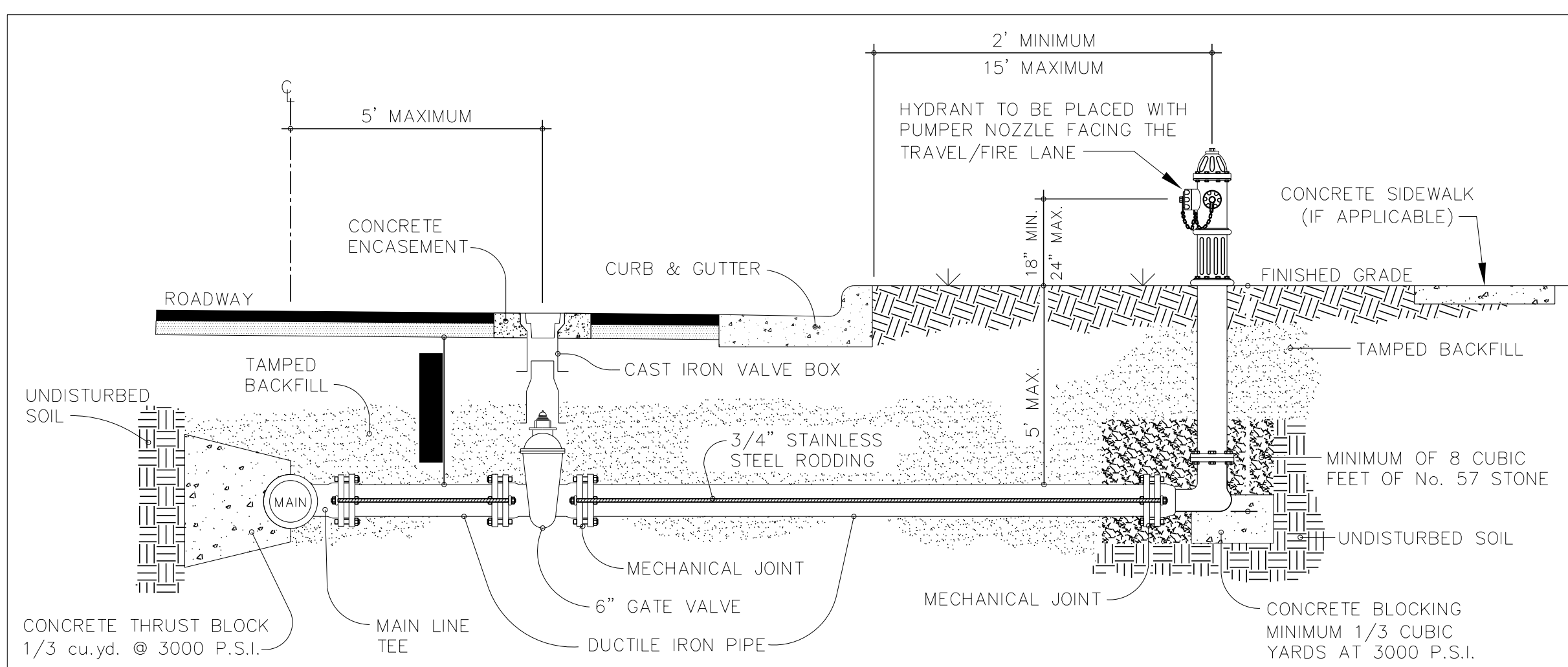
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, " SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE NCDOT STANDARD SPECIFICATIONS.

PLANS PREPARED BY :

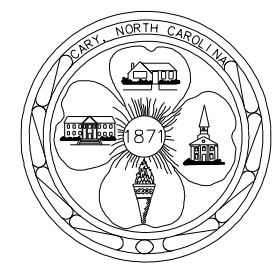


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8/17/09



- NOTES:**
1. TOP OF BLOCKING TO BE 2 INCHES FROM HYDRANT WEEP HOLES.
  2. HYDRANT TEE MAY BE SUBSTITUTED FOR D.I.P. NIPPLE AND RODDING TO VALVE.
  3. IF HYDRANT IS LOCATED ON A DEPARTMENT OF TRANSPORTATION ROADWAY USE D.O.T. STANDARDS FOR LOCATION OF HYDRANT.
  4. HYDRANT SHALL BE LOCATED FROM 2 TO 15 FEET FROM BACK OF CURB.
  5. HYDRANT MAY BE LOCATED (AT LEAST 1-FT) BEHIND SIDEWALK WHEN IT CANNOT BE LOCATED INSIDE THE UTILITY STRIP.
  6. HYDRANT SHALL BE INSTALLED AT LEAST 2 FEET BEYOND TOP SLOPE OF ANY DRAINAGE DITCHES. HYDRANT INSTALLATION WITHIN THE DITCH LINE OR SLOPE SHALL BE PROHIBITED.
  7. STD. RODDING AND BLOCKING FROM GATE VALVE TO HYDRANT MAY BE SUBSTITUTED WITH A CONCENTRIC RING RESTRAINT SYSTEM SUCH AS MUELLER AQUAGrip OR AN APPROVED EQUAL PRODUCT PROVIDED ALL PIPE SEGMENTS ARE RESTRAINED.
  8. STD. RODDING MAY BE SUBSTITUTED WITH AN APPROVED WEDGE ACTION RETAINER GLAND.
  9. HYDRANT EXTENSIONS ARE PROHIBITED.
  10. WITHIN THE TOWN OF MORRISVILLE ONLY, HYDRANTS NEAR FDC'S SHALL BE PROVIDED WITH A STORZ CONNECTION.

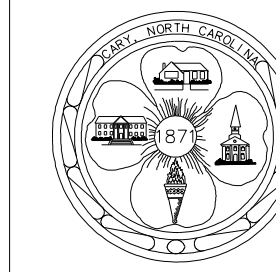
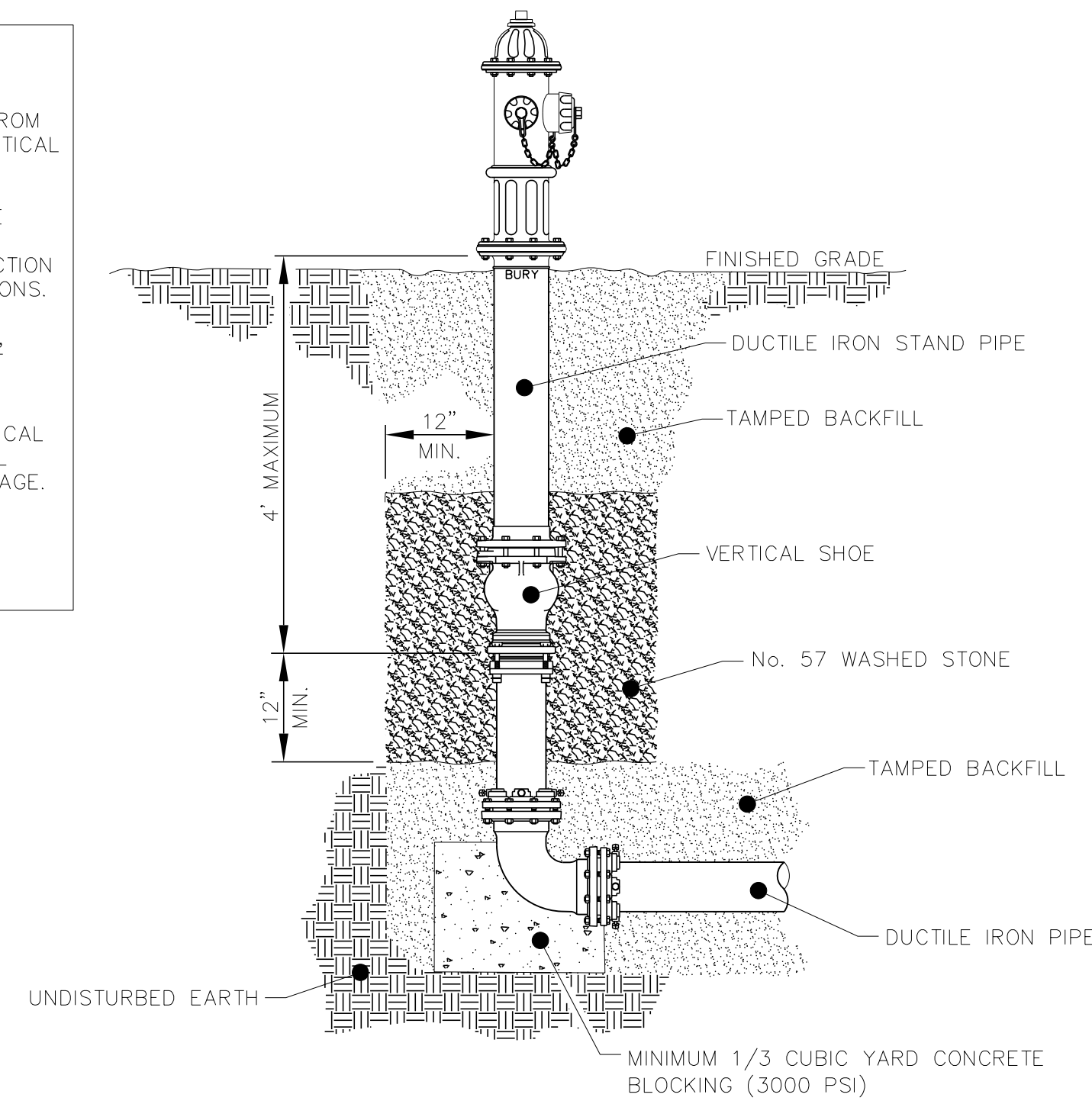


STANDARD HYDRANT INSTALLATION FOR ROADS WITH CURB & GUTTER

DETAIL No. 06000.06 SHEET 1 OF 3

EFFECTIVE: 12/10/09

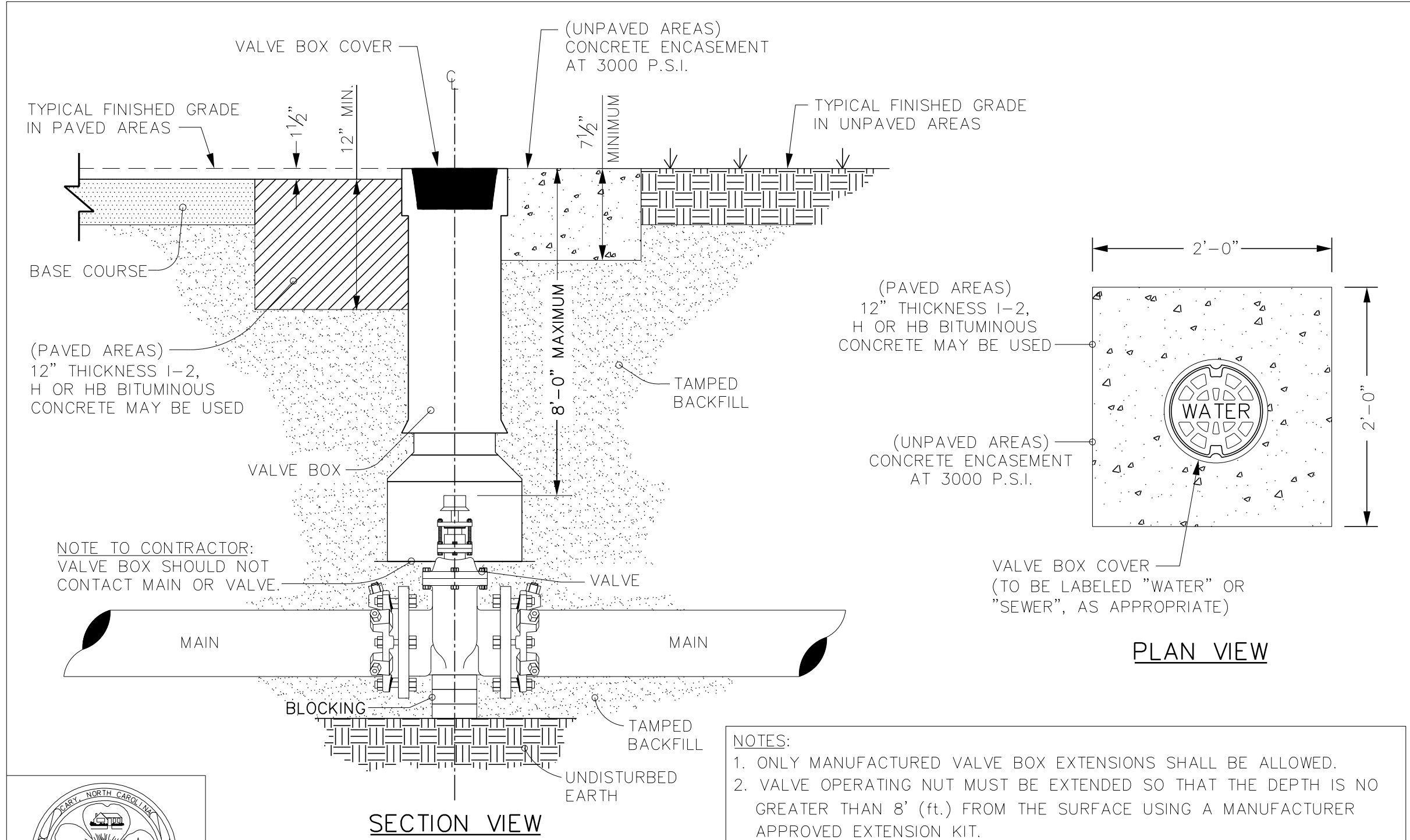
- NOTES:**
1. THE MAXIMUM DEPTH OF BURY FOR VERTICAL SHOE INSTALLATIONS SHALL NOT EXCEED 4-FT MEASURED FROM THE BREAKAWAY FLANGE TO THE BOTTOM OF THE VERTICAL HYDRANT SHOE.
  2. THE VERTICAL SHOE AND ALL PIPING INCLUDED IN THE HYDRANT SUPPLY LINE SHALL BE RESTRAINED WITH BLOCKING AND RODDING, OR BLOCKING WITH WEDGE ACTION RETAINER GLANDS, OR STANDARD AQUAGrip CONNECTIONS.
  3. IN ALL CASES WHERE THE VERTICAL SHOE IS UTILIZED, TYPICAL WASHED STONE BEDDING EXTENDING AT LEAST 12-INCHES ON ALL SIDES OF THE CENTRAL AXIS AND EXTENDING FROM THE TOP OF THE VERTICAL SHOE DOWNWARD TO AT LEAST 12-INCHES BELOW THE VERTICAL SHOE SHALL BE PROVIDED SURROUNDING THE VERTICAL HYDRANT SHOE ASSEMBLY TO ASSURE POSITIVE DRAINAGE.
  4. THE ENTIRE ASSEMBLY SHALL BE RESTRAINED AND SUPPORT BLOCKING SHALL BE PROVIDED UNDER THE VERTICAL BEND ASSEMBLY.



DEEP FIRE HYDRANT INSTALLATION

DETAIL No. 06000.06 SHEET 3 OF 3

EFFECTIVE: 12/10/09



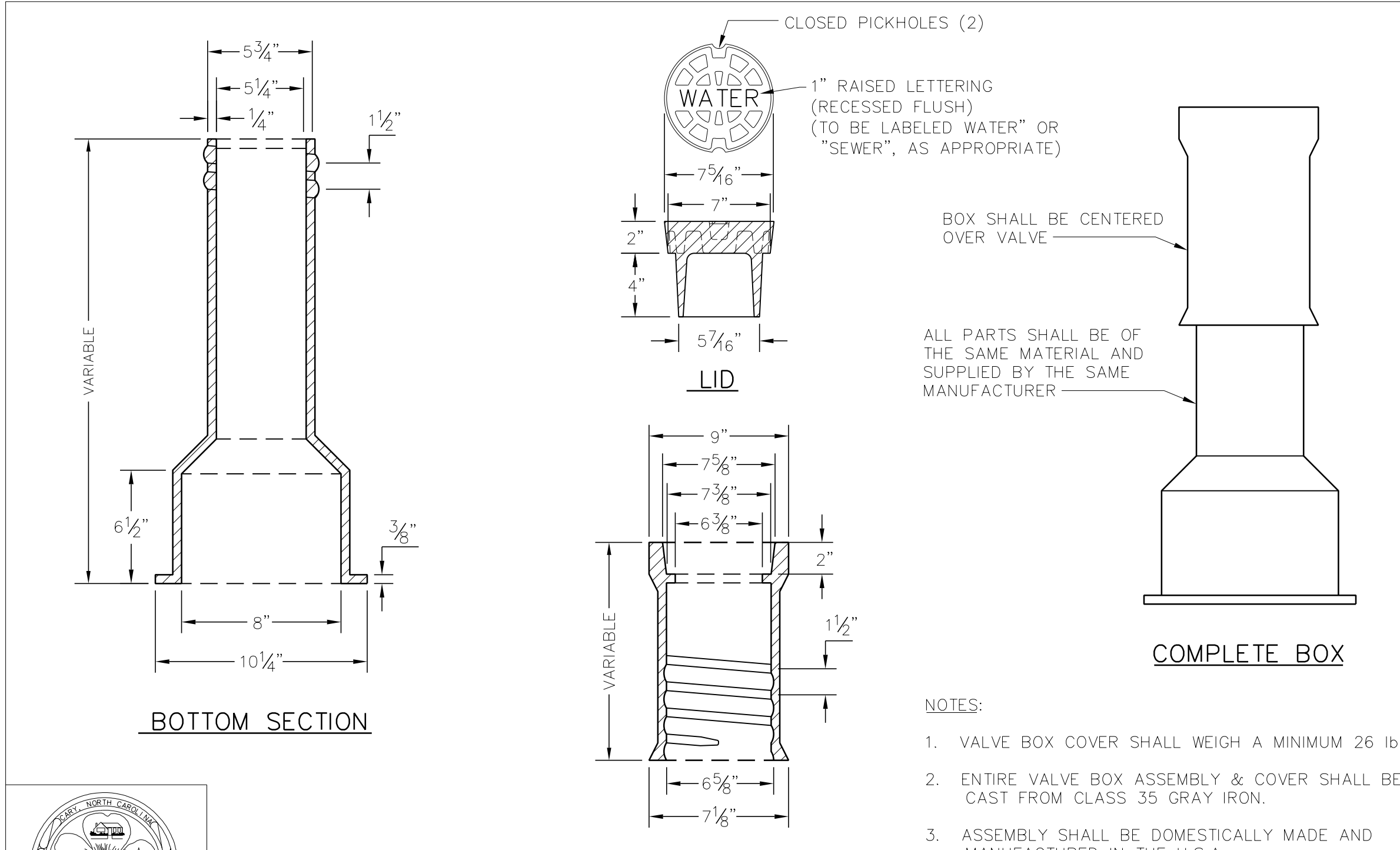
- NOTES:**
1. ONLY MANUFACTURED VALVE BOX EXTENSIONS SHALL BE ALLOWED.
  2. VALVE OPERATING NUT MUST BE EXTENDED SO THAT THE DEPTH IS NO GREATER THAN 8\"/>



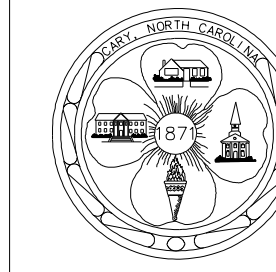
STANDARD VALVE BOX INSTALLATION

DETAIL No. 06000.08 SHEET 1 OF 2

EFFECTIVE: 12/10/09



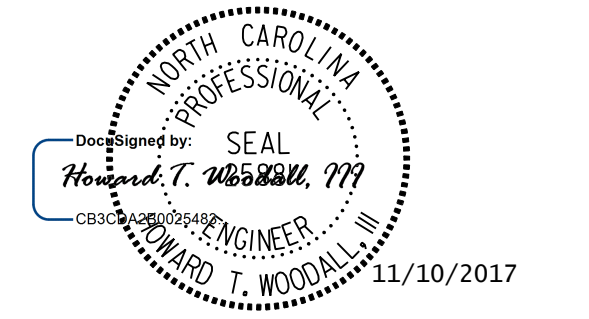
- NOTES:**
1. VALVE BOX COVER SHALL WEIGH A MINIMUM 26 lbs.
  2. ENTIRE VALVE BOX ASSEMBLY & COVER SHALL BE CAST FROM CLASS 35 GRAY IRON.
  3. ASSEMBLY SHALL BE DOMESTICALLY MADE AND MANUFACTURED IN THE U.S.A.



STANDARD VALVE BOX INSTALLATION

DETAIL No. 06000.08 SHEET 2 OF 2

EFFECTIVE: 12/10/09



UTILITY CONSTRUCTION PLANS  
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PLANS PREPARED BY :

**RK&K**

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3/4" ALL-THREADED, STAINLESS STEEL RODS (CUT TO LENGTH). FASTENERS SHALL ALSO BE STAINLESS STEEL.  
NOTE: RODDING SHALL NOT EXCEED 10' (FT) IN LENGTH.

**TYPICAL EYE BOLT**

BRANCH SIZE	No. OF RODS
4"	2
6"	2
8"	4
12"	6
16"	8
24"	10

**GENERAL NOTES:**

- SEE STANDARD THRUST BLOCK DETAIL.
- CONCRETE SHALL NOT CONTACT BOLTS OR ENDS OF MECHANICAL FITTINGS.
- RODS SHALL NOT BE COUPLED.

**DETAIL No.**  
06000.09  
SHEET 1 OF 2

**EFFECTIVE: 12/10/09**

MINIMUM CONCRETE BLOCKING (C.Y.) *					
NOMINAL PIPE DIAMETER INCHES	TEES & DEAD ENDS	90° BEND	45° BEND	22½° BEND	11¼° BEND
4	1/3	1/3	1/3	1/3	1/3
6	1/3	1/3	1/3	1/3	1/3
8	1/3	1/2	1/3	1/3	1/3
10	2/3	3/4	1/2	1/3	1/3
12	3/4	1.0	2/3	1/3	1/3
14	1.0	1½	3/4	1/2	1/3
16	1½	2.0	1.0	1/2	1/3
18	1¾	2½	1½	2/3	1/3
20	2.0	3.0	1¾	¾	1/2
24	3.0	4½	2½	1½	2/3

**NOTES:**

- FITTING SHALL BE WRAPPED WITH A MINIMUM 4 MIL PLASTIC.
- NO CONCRETE SHALL COVER BOLTS OR GLANDS.

\* CONCRETE SHALL BE 3000 P.S.I. MIX.

**DETAIL No.**  
06000.13  
SHEET 1 OF 1

**EFFECTIVE: 12/10/09**

PROJECT REFERENCE NO.  
U-5315 A&B

SHEET NO.  
UC-3B

**UTILITY CONSTRUCTION PLANS**

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PIPE DIAMETER	CONCRETE THRUST COLLAR		ANCHOR RING	RINGS REQUIRED
	A	B		
6", 8", 12"	1'-0"	1'-0"	2"	ONE
16"	1'-4"	1'-0"	2"	ONE
20"	1'-4"	1'-0"	3"	ONE
24"	1'-4"	1'-0"	3"	TWO
30"	1'-4"	1'-2"	4"	TWO
36"	1'-4"	1'-4"	4"	TWO

**NOTES:**

- 6" TO 16" MAINS = 12-NO. 7 BARS
- 20" TO 36" MAINS = 12-NO. 8 BARS
- BARS PLACED AS SHOWN

**DETAIL No.**  
06000.14  
SHEET 1 OF 1

**EFFECTIVE: 12/10/09**

(2) 1/2" x 1 3/4" HEX HEAD, STAINLESS STEEL BOLTS AND WASHERS AT 180° COUNTERSUNK. BOLTS & WASHERS TO BE TYPE 316 STAINLESS STEEL.

(2) OPEN PICKHOLES 1" DIAMETER

FILLETS @ R 1/8"

1 1/4" RAISED LETTERING (RECESSED FLUSH)

**COVER TOP VIEW**

**RING & COVER SPECIFICATIONS:**

- CLASS 35 GREY IRON.
- COMPLIES WITH ASTM A48 CL35B.
- CASTING TO BE COATED WITH A WATER BASED ASPHALT PAINT (BLACK).
- ALL LETTERING SHALL BE CLEAN, CRISP, AND CLEARLY LEGIBLE.
- DOMESTICALLY MADE & MANUFACTURED IN THE USA.

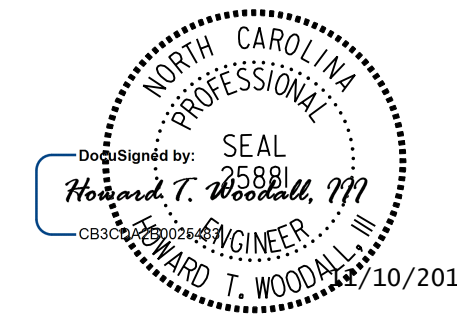
MINIMUM WEIGHTS	
RING	180
COVER	120
TOTAL	300

**NOTES:**

- TAP SIZE AND ISOLATION VALVE TO BE SAME SIZE AS AIR VALVE.
- ALL PIPING AND FITTINGS, IN THE MANHOLE, SHALL BE "NO LEAD" BRASS OR BRONZE UNLESS NOTED.
- MANHOLE STEPS SHALL BE PLACED 16" O.C. AS SHOWN BY DETAIL 07000.02.
- CENTRIC CONES MAY BE USED FOR AIR VALVE MANHOLES LESS THAN 5' IN DEPTH.

**DETAIL No.**  
06000.15  
SHEET 1 OF 2

**EFFECTIVE: 07/01/13**

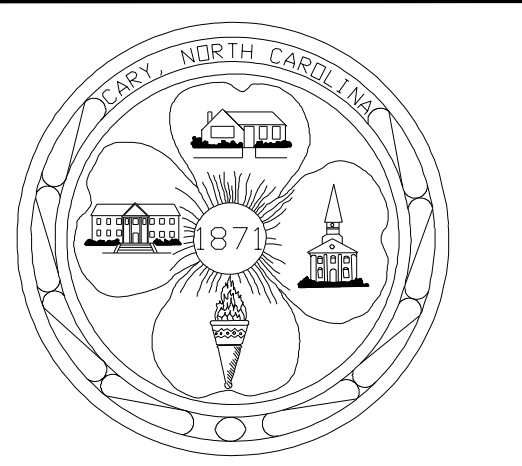
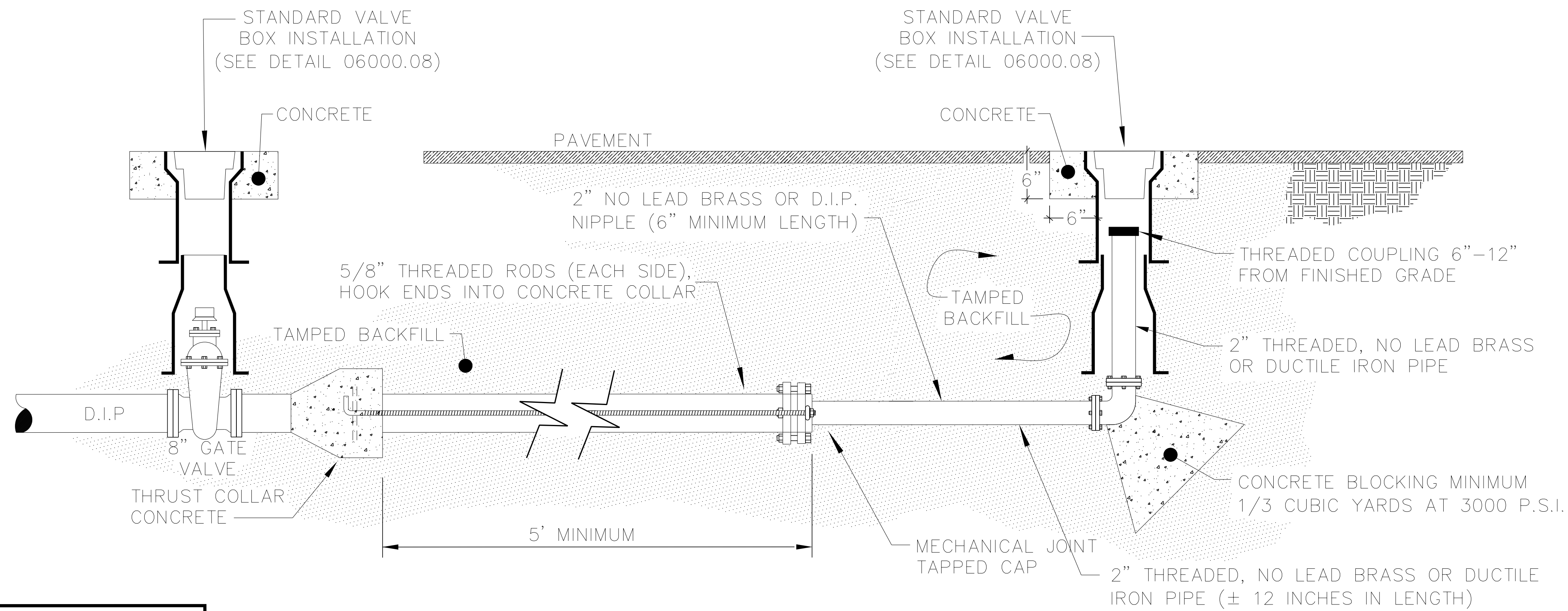


UTILITY CONSTRUCTION PLANS  
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MAIN SIZE	END PIPE SIZE
4" - 12"	2" BLOW-OFF
16" & GREATER	AS APPROVED BY TOWN ENGINEER

NOTES:

- FOR MAINS THAT ARE TO BE EXTENDED, USE A VALVE EQUAL TO THE MAIN SIZE AS THE BLOW-OFF VALVE AND THEN REDUCE TO THE 2" STANDPIPE.
- RODS SHALL BE "HOOKED" INTO THRUST COLLAR.



EFFECTIVE: 07/01/13

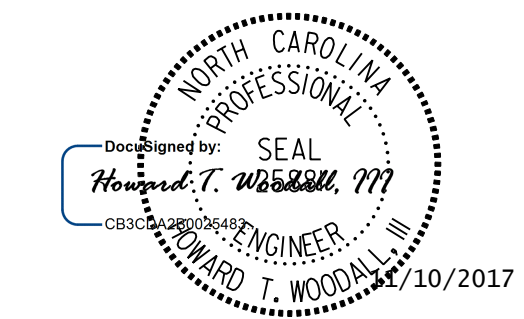
### STANDARD 2" BLOW-OFF ASSEMBLY

DETAIL No.  
 06000.11  
 SHEET 1 OF 2





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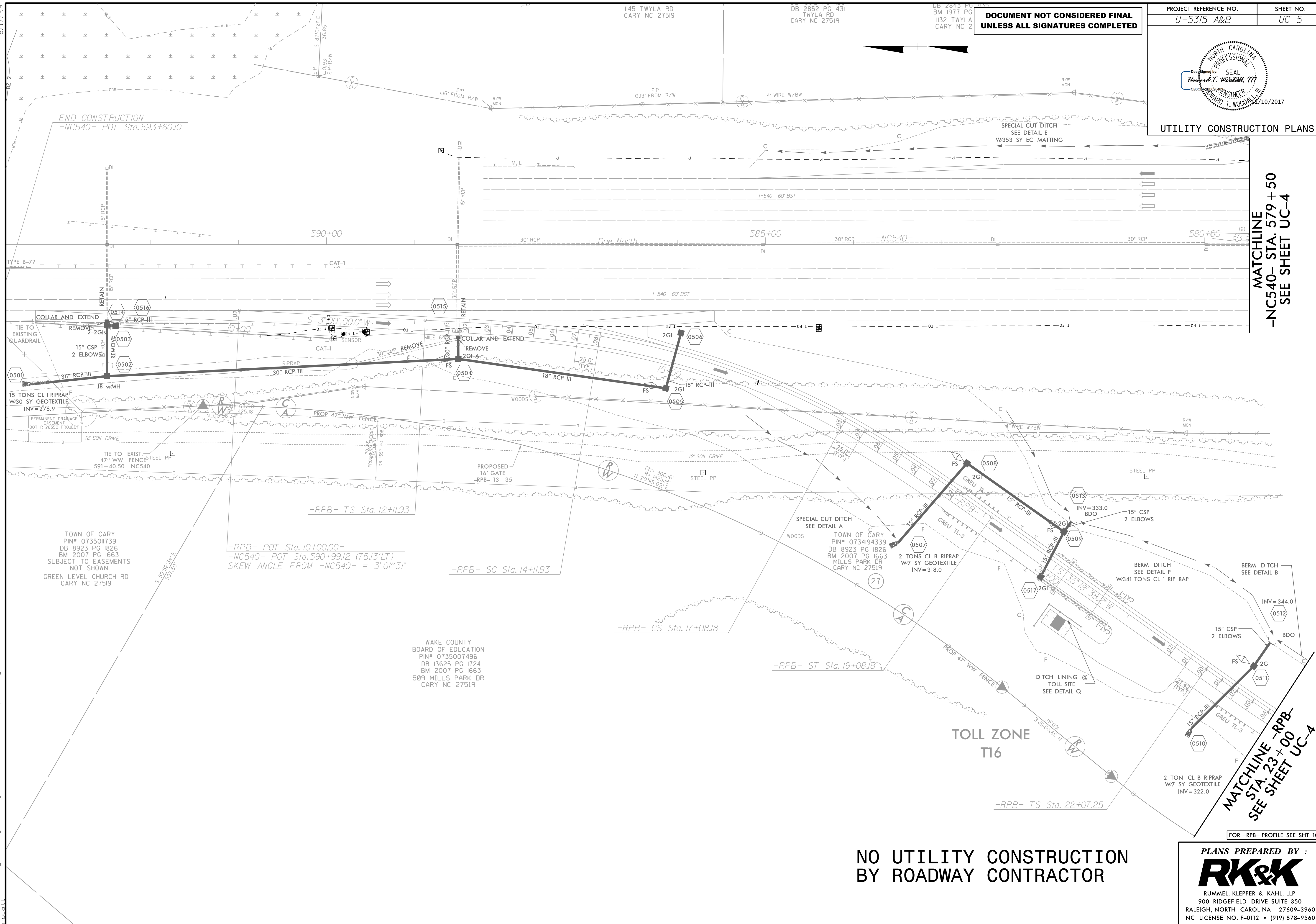


UTILITY CONSTRUCTION PLANS

MATCHLINE  
-NC540- STA. 579+50  
SEE SHEET UC-4

MATCHLINE -RPB-  
STA. 23+00  
SEE SHEET UC-4

FOR -RPB- PROFILE SEE SHT. 10



END CONSTRUCTION  
-NC540- POT Sta. 593+60.10

TOWN OF CARY  
PIN# 073501739  
DB 8923 PG 1826  
BM 2007 PG 1663  
SUBJECT TO EASEMENTS  
NOT SHOWN  
GREEN LEVEL CHURCH RD  
CARY NC 27519

-RPB- POT Sta. 10+00.00=  
-NC540- POT Sta. 590+99.12 (75.13' LT)  
SKEW ANGLE FROM -NC540- = 3'01"31"

WAKE COUNTY  
BOARD OF EDUCATION  
PIN# 0735007496  
DB 13625 PG 1724  
BM 2007 PG 1663  
509 MILLS PARK DR  
CARY NC 27519

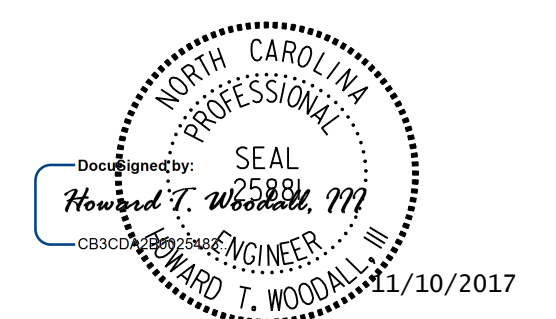
NO UTILITY CONSTRUCTION  
BY ROADWAY CONTRACTOR

PLANS PREPARED BY :

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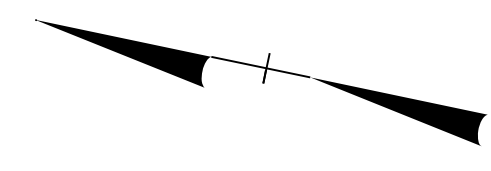
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UTILITY CONSTRUCTION PLANS

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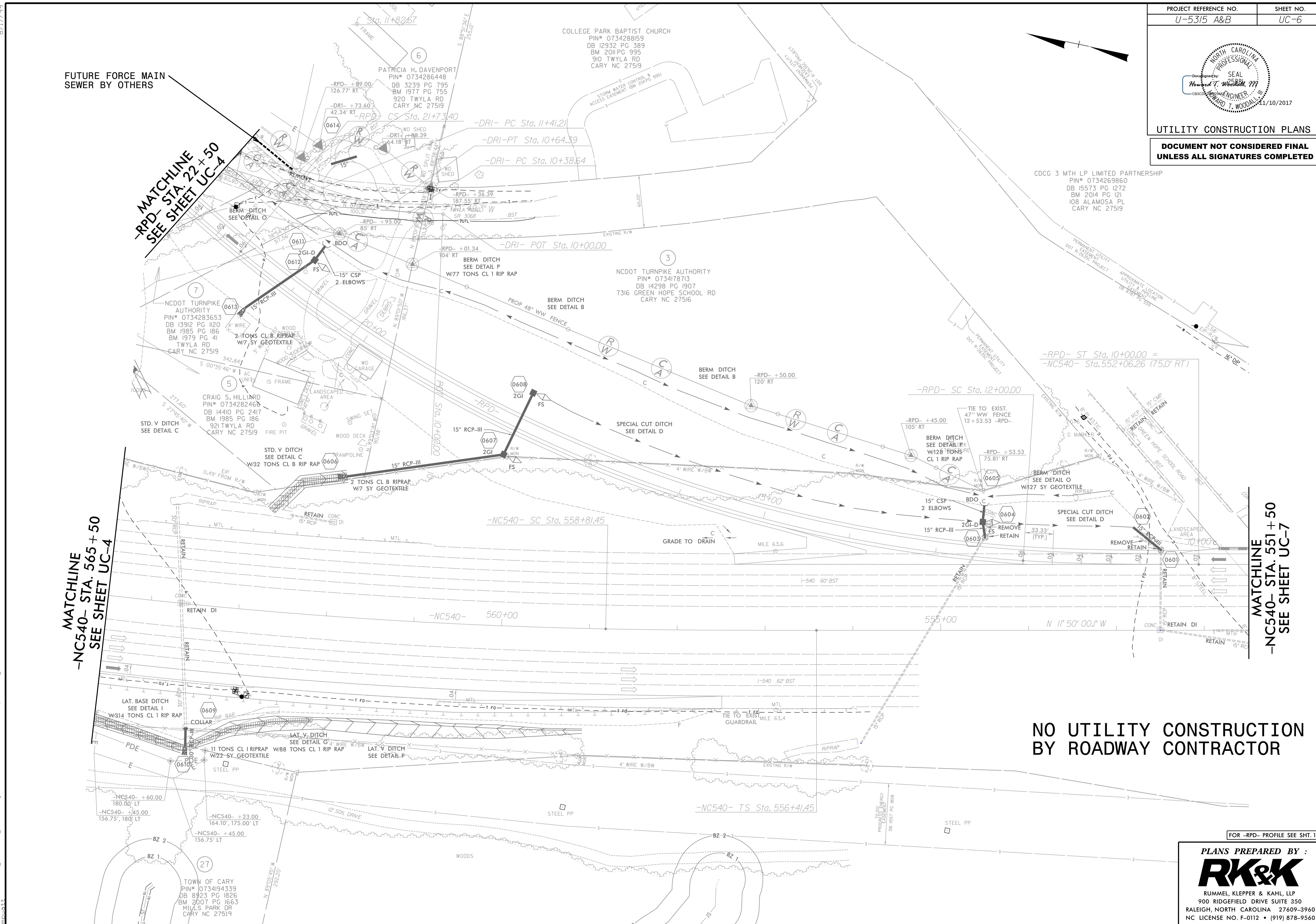
FUTURE FORCE MAIN SEWER BY OTHERS

MATCHLINE - RPD - STA. 22+50 SEE SHEET UC-4

MATCHLINE - NC540 - STA. 565+50 SEE SHEET UC-4

MATCHLINE - NC540 - STA. 551+50 SEE SHEET UC-7

NO UTILITY CONSTRUCTION BY ROADWAY CONTRACTOR



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FOR -RPD- PROFILE SEE SHT. 12

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UTILITY CONSTRUCTION PLANS

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CDCG 3 MTH LP LIMITED PARTNERSHIP  
 PIN# 0734269860  
 DB 15573 PG 1272  
 BM 2014 PG 121  
 108 ALAMOSA PL  
 CARY NC 27519

CDCG ASSET MGMT, LLC  
 PIN# 0734266225  
 DB 15573 PG 1272  
 BM 2014 PG 121  
 7317 GREEN HOPE SCHOOL RD  
 CARY NC 27519

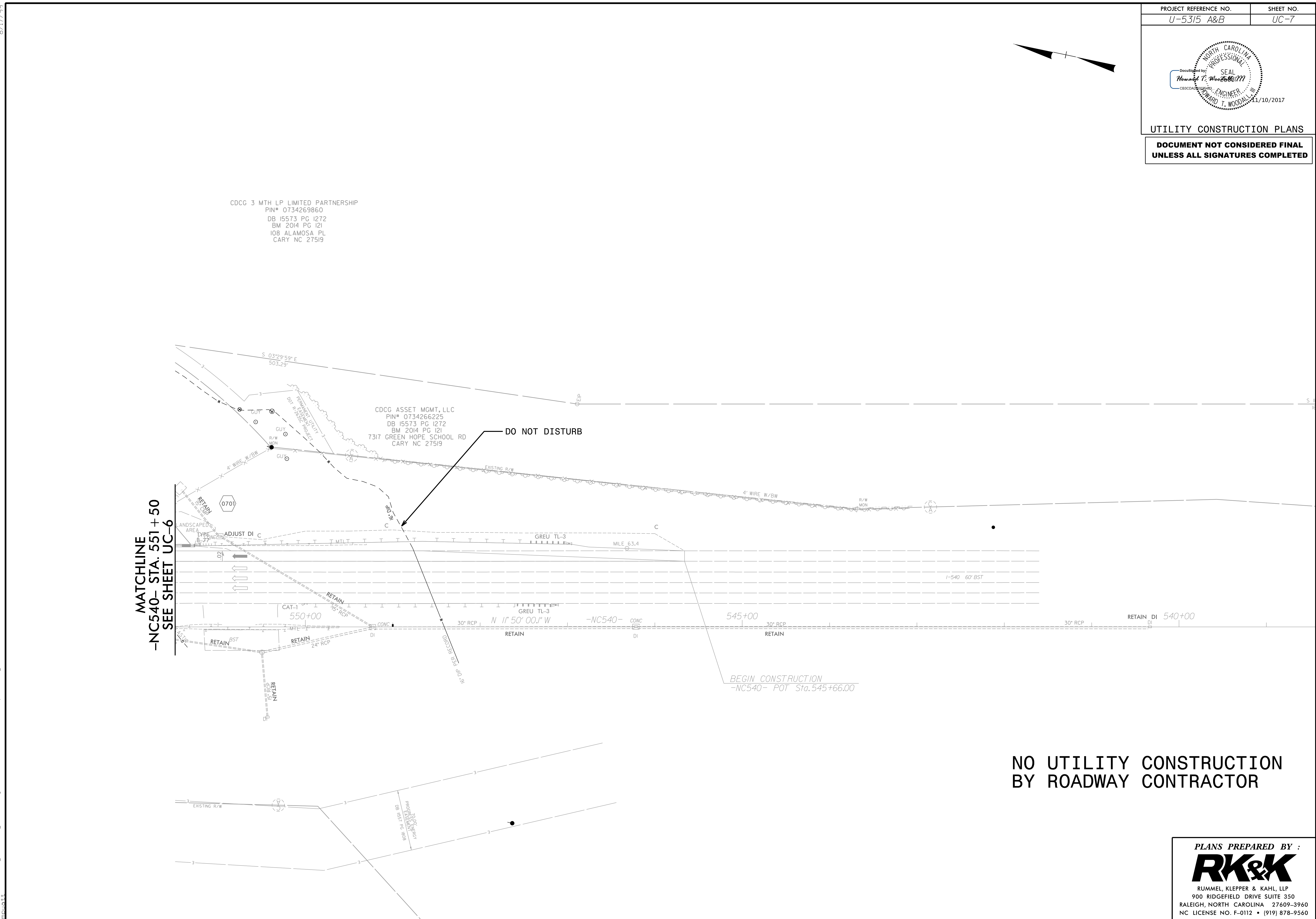
DO NOT DISTURB

MATCHLINE  
 -NC540- STA. 551+50  
 SEE SHEET UC-6

BEGIN CONSTRUCTION  
 -NC540- POT Sta. 545+66.00

**NO UTILITY CONSTRUCTION  
 BY ROADWAY CONTRACTOR**

PLANS PREPARED BY :  
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 RUMMEL, KLEPPER & KAHL, LLP  
 900 RIDGEFIELD DRIVE SUITE 350  
 RALEIGH, NORTH CAROLINA 27609-3960  
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# NO UTILITY CONSTRUCTION BY ROADWAY CONTRACTOR

LAWRENCE JAMES GILBERT & DEBORAH S. GILBERT  
 PIN# 0734392943  
 DB 4548 PG 588  
 BM 1986 PG 581  
 1116 TWYLA RD  
 CARY NC 27519

LAWRENCE JAMES GILBERT & DEBORAH S. GILBERT  
 PIN# 0734390881  
 DB 3829 PG 160  
 BM 1986 PG 581  
 1112 TWYLA RD  
 CARY NC 27519

TALBERT EDWARD KEARNS & ELIZABETH BLAKELY KEARNS  
 PIN# 0735209159  
 DB 4228 PG 171  
 BM 1983 PG 1292  
 1120 TWYLA RD  
 CARY NC 27519

DAVE PAUL DAYTON & CAROL S. DAYTON  
 PIN# 0735209448  
 DB 3198 PG 777  
 BM 1983 PG 1292  
 1128 TWYLA RD  
 CARY NC 27519

DESTRY G. JONES & CATHERINE K. JONES  
 PIN# 0735209740  
 DB 5967 PG 518  
 BM 1984 PG 1409  
 1140 TWYLA RD  
 CARY NC 27519

STEVE POSSON & KRISTIN S. POSSON  
 PIN# 0735209946  
 DB 8815 PG 2309  
 BM 1984 PG 1409  
 1148 TWYLA RD  
 CARY NC 27519

STEVE POSSON & KRISTIN POSSON  
 PIN# 0735210559  
 DB 10741 PG 1014  
 BM 1984 PG 1409  
 TWYLA RD  
 CARY NC 27519

MELISSA A. YOUNG & ELLAN W. YOUNG  
 PIN# 0735203991  
 DB 14856 PG 321  
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 1145 TWYLA RD  
 CARY NC 27519

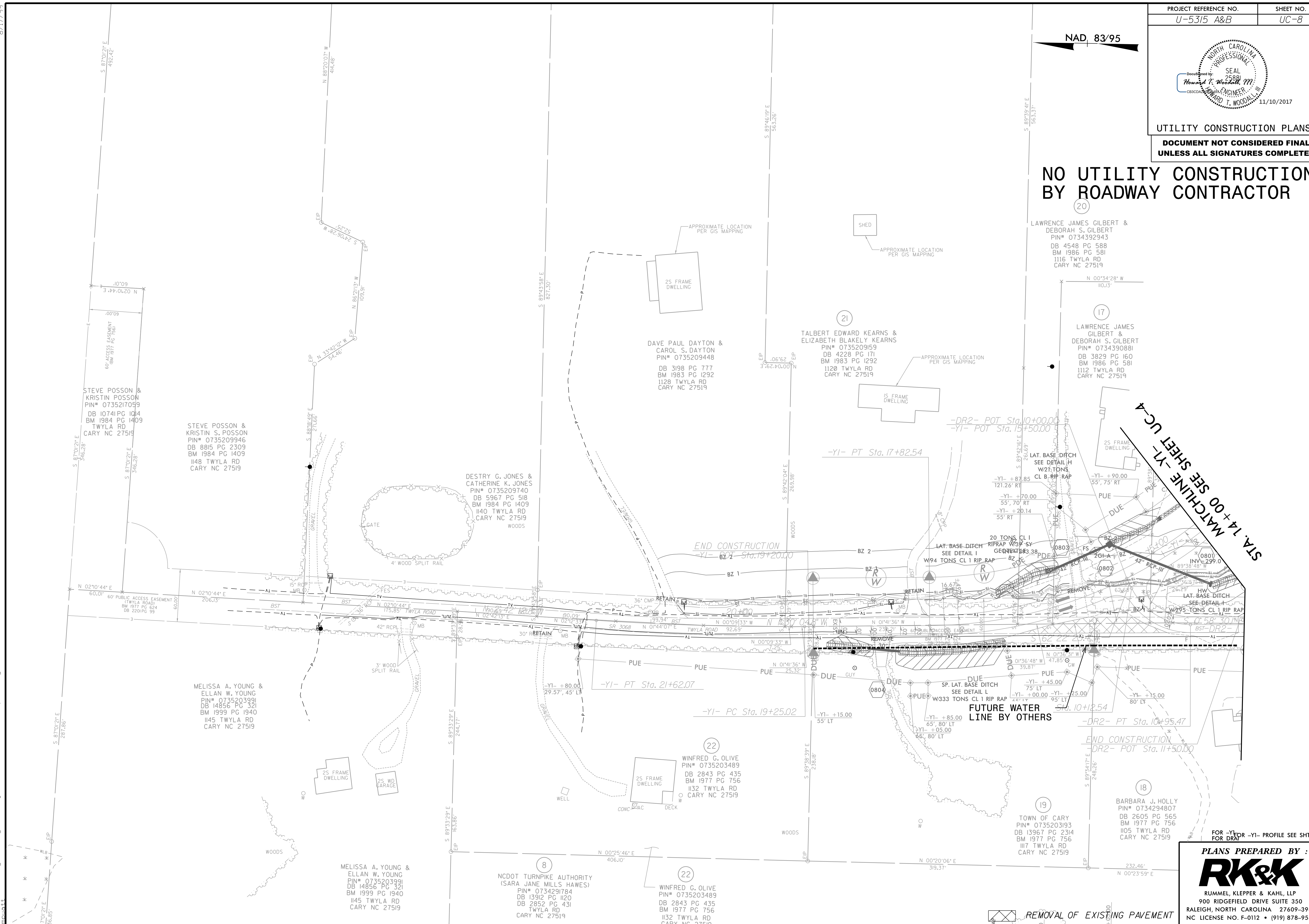
WINFRED G. OLIVE  
 PIN# 0735203489  
 DB 2843 PG 435  
 BM 1977 PG 756  
 1132 TWYLA RD  
 CARY NC 27519

BARBARA J. HOLLY  
 PIN# 0734294807  
 DB 2605 PG 565  
 BM 1977 PG 756  
 1105 TWYLA RD  
 CARY NC 27519

NC DOT TURNPIKE AUTHORITY  
 (SARA JANE MILLS HAWES)  
 PIN# 0734291784  
 DB 13912 PG 1120  
 DB 2852 PG 431  
 TWYLA RD  
 CARY NC 27519

WINFRED G. OLIVE  
 PIN# 0735203489  
 DB 2843 PG 435  
 BM 1977 PG 756  
 1132 TWYLA RD  
 CARY NC 27519

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STA. 14+00 SEE SHEET UC-A  
 MATCHLINE -Y1-

FOR -Y1- FOR -Y1- PROFILE SEE SHT. 13 FOR DRAFT

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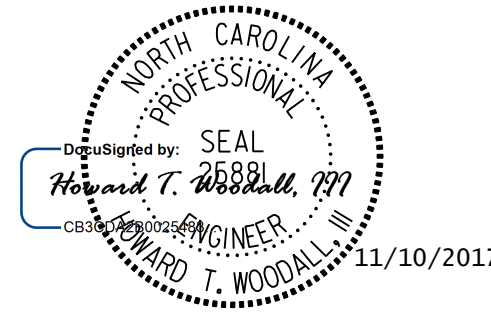
RUMMEL, KLEPPER & KAHL, LLP  
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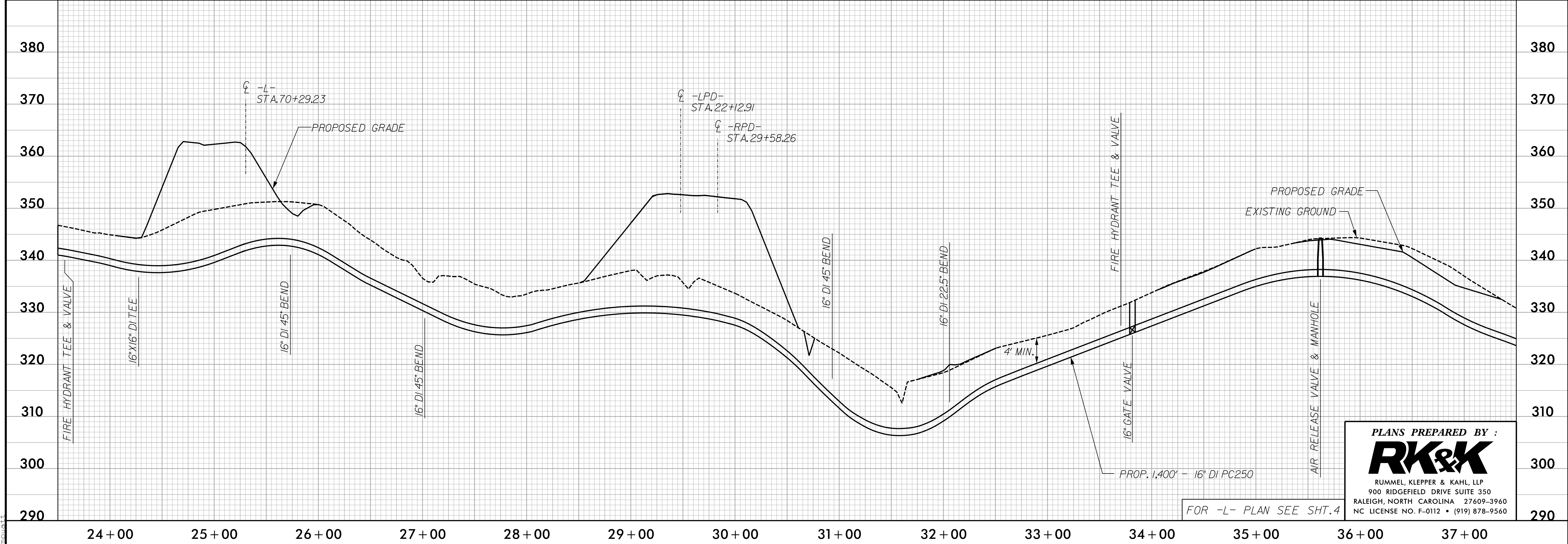
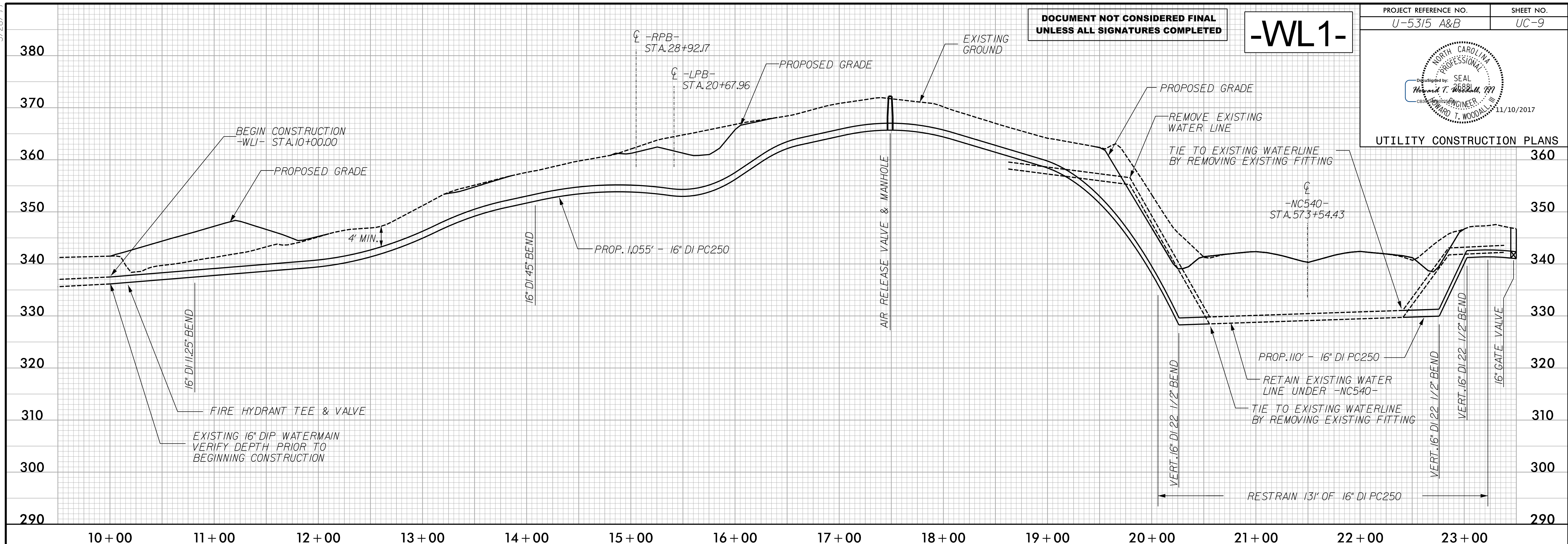
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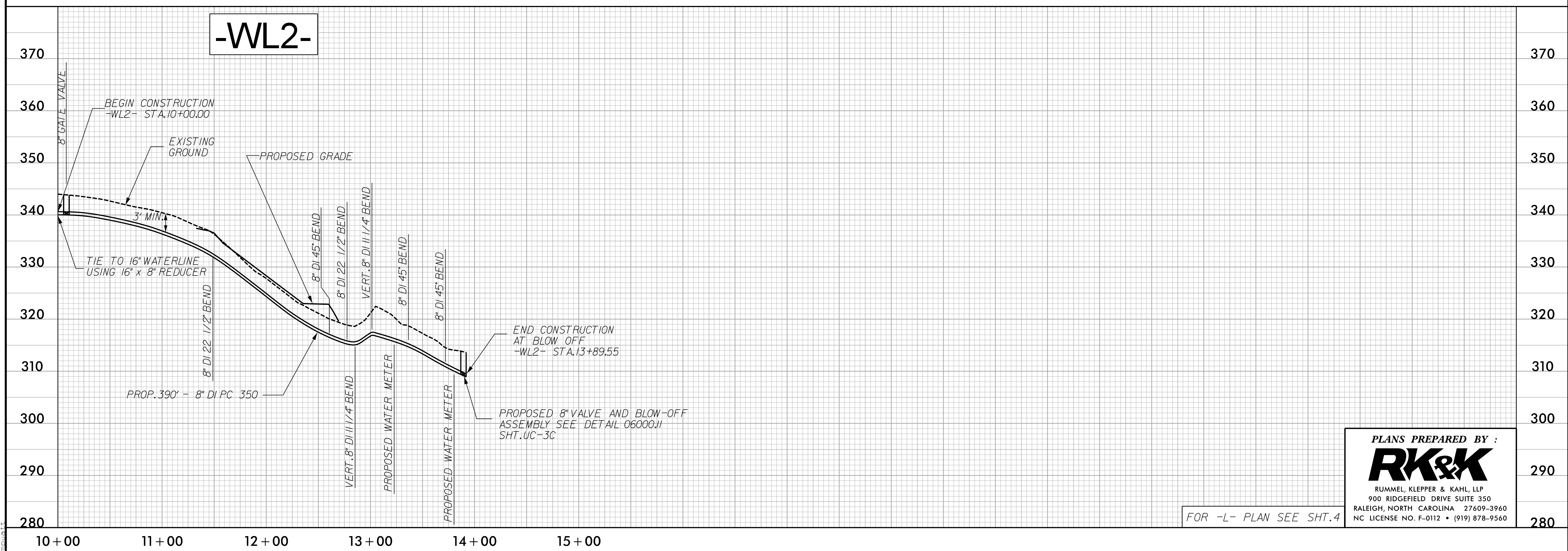
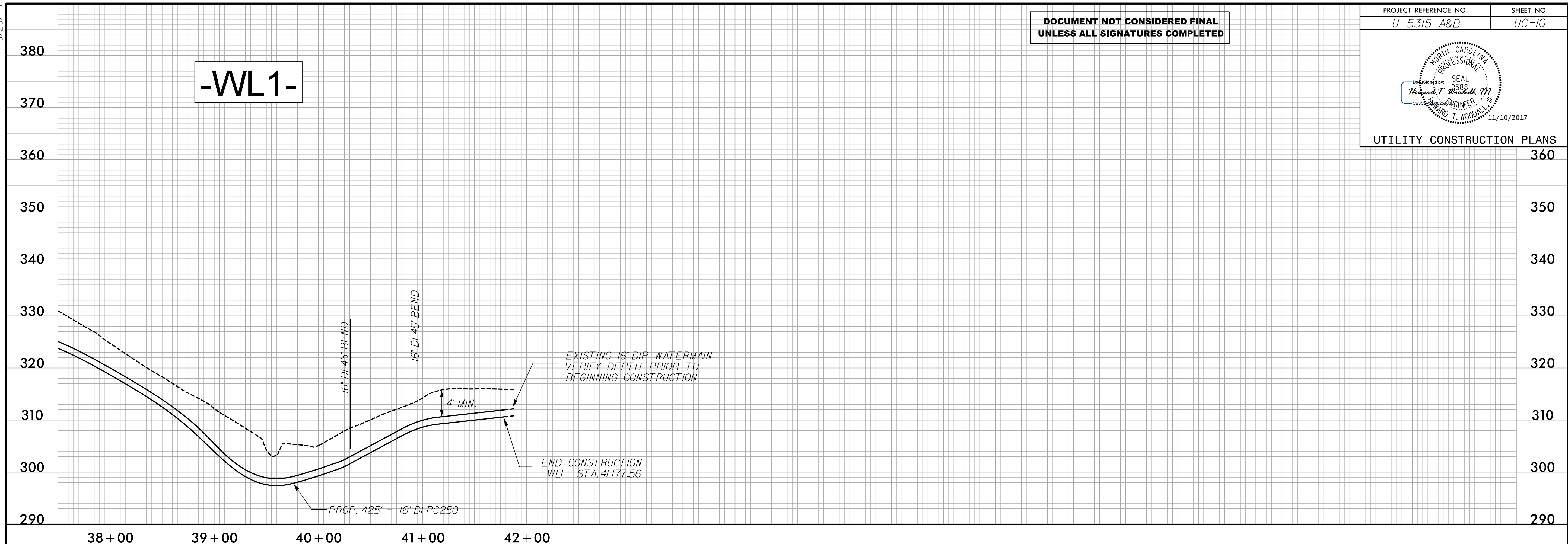
FOR -L- PLAN SEE SHT. 4

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