

File Location: C:\Users\BryanHarris\Quantech\Engineering - Documents\Harris Creek Farm - Jonesville\Engineering_DWG\Construction Plans\1 Cover.dwg

SITE DATA TABLE	
OWNER	KENNETH INVESTMENTS, LLC Contact: STEPHAN GEORGE 10030 GREEN LEVEL CHURCH RD, STE 802 CARY, NC 27519
ENGINEER:	QUANTECH ENGINEERING BRYAN A. HARRIS, PE 15000 WESTON PARKWAY, STE. 174 CARY, NC 27513 PHONE: (919) 815-9987 EMAIL: BRYAN@QUANTECHENG.COM
DEVELOPER:	THE CSC GROUP, LLC STEVE GEORGE 600 PARK OFFICES DRIVE, STE 372 RESEARCH TRIANGLE, NC 27709 PHONE: (919) 815-9987
ENVIRONMENTAL CONSULTANT	MORRIS & RITCHIE ASSOCIATES 530 HINTON POND ROAD, SUITE 104 KNIGHTDALE, NC 27545
SURVEYOR:	BATEMAN CIVIL SURVEY COMPANY JOSH DAVIDSON 2524 RELIANCE AVE APEX, NC 27539 PHONE: 919 557-1080 Ext 109 josh@batemancivilsurvey.com
SITE ADDRESS	4928 UNIVERSAL DR WAKE FOREST, NC 27587-6356
PIN:	1757277811, 1757471559, 1757383572, 1757384572, 1757385064, 1757375975, 1757375865, 1757375765, 1757375665, 1757375575, 1757375464, 1757375365, 1757375276, 1757376303, 1757378109, 1757378613, 1757368816
DEED BOOK / PAGE	019248 / 01884 (all parcels)
PLAT BOOK / PAGE	BM2007 / 01224
TOTAL SITE AREA:	94.99 AC
EXISTING ZONING:	RM-CZ
CURRENT USE:	RESIDENTIAL
PROPOSED USE	RESIDENTIAL-CLUSTER (MEDIUM DENSITY)
RIVER BASIN	NEUSE RIVER BASIN
SUB WATERSHED	NEUSE (UPPER) - 03020201
FEMA FIRM PANEL #:	3720175700K
RESIDENTIAL DENSITY CALCULATIONS (CLUSTER SUBDIVISION)	
MAXIMUM DENSITY ALLOWED:	5.0 UNITS / AC
PROPOSED DENSITY:	120 UNITS / 94.99 AC = 1.26 UNITS / AC
LOTS (CLUSTER)	
MINIMUM LOT WIDTH	42.0 FT
MINIMUM LOT AREA	6,000 SF
MINIMUM BUILDING SETBACKS:	FRONT: 20' REAR: 20' CORNER: 10' SIDE: 5'
OPENSACE (MEDIUM DENSITY, CLUSTER)	
OPEN SPACE (REQUIRED 12%)	11.40 AC
OPEN SPACE (PROPOSED)	63.60 AC
PASSIVE (REQUIRED)	5.70 AC
PASSIVE (PROPOSED)	56.04 AC
PASSIVE (NOT IN SCM OR ENVIRONMENTAL AREAS)	7.11 AC
ACTIVE (REQUIRED)	5.70 AC
ACTIVE (PROPOSED)	7.56 AC
ACTIVE SPACES (REQUIRED)	2 MEDIUM AREA (1.0 - 2.5 AC) 1 LARGE AREA (> 2.5 AC.)
ACTIVE SPACES (PROVIDED)	(2) MEDIUM AREAS Area 1 = (44,640 SF, 1.02 AC) Area 2 = (75,467 SF, 1.80 AC) (1) LARGE AREA Area 3 = (206,621 SF, 4.74 AC)
TREE SAVE SUMMARY (CLUSTER)	
EXISTING QUALIFIED TREES:	514 Total
REQUIRED TREES SAVE:	52 (10% of Total)
PROPOSED TREES SAVE:	267 (52% of Total)
STREET DATA	
STREET A	1,125 LF 50' R/W 35' BC - BC
STREET B	1,245 LF VARIABLE R/W 35' BC - BC
STREET C	2,360 LF 50' R/W 35' BC - BC
STREET D	705 LF 50' R/W 27' BC - BC
STREET E	370 LF 50' R/W 27' BC - BC
DEDICATED ROAD R.O.W.	7.64 ACRES

IMPERVIOUS AREA	
EXISTING GRAVEL ROADS	69,021 SF (1.58 AC)
PROPOSED ROADS	186,157 SF (4.27 AC)
PROPOSED PARKING LOTS	11,176 SF (0.26 AC)
PROPOSED SIDEWALKS	56,138 SF (1.29 AC)
PROPOSED GREENWAYS	65,664 SF (1.51 AC)
ALLOWABLE / LOTS	20% = 827,553 SF (19.00 AC) 319,890 SF (7.34 AC) = 507,663 SF (11.65 AC) 507,663 SF / 120 Lots = 4,230 SF / Lot

PARKING CALCULATIONS			
PRINCIPAL USES	MINIMUM REQ'D	MAX ALLOWED	PROPOSED SPACES
PARKS/PUBLIC RECREATION FACILITIES	3 PER GROSS ACRE PLUS 1 PER 1000 SF OF GROSS FLOOR AREA OF BUILDINGS 5.09 Ac * 3 = 15.26 0 SF OF FLOOR = 0 SPACES ADA CALC'S 26-60 PARKING SPACES REQUIRE ONE VAN ACCESSIBLE AND ONE STANDARD	NO MAXIMUM	28 SPACES (INCLUDES 4 VAN ACCESSIBLE ADA SPACES)

PROJECT REZONING WAS SUBMITTED AUGUST 2022. THE PROPERTY'S RM-CZ ZONING DISTRICT IS THEREFORE SUBJECT TO LDO SECTION 3.1.B3, 3.2.B/TABLE 3.1.2. CLUSTER DEVELOPMENT STANDARDS FOR MINIMUM LOT AREA (SIZE), WIDTH, AND BUILDING SETBACKS IN EFFECT AS OF AUGUST 2022. SPECIFICALLY, THIS IS PRIOR TO THE APRIL 4, 2023 ADOPTION OF TEXT AMENDMENT TA-23-02 WHICH MODIFIED THESE CLUSTER DEVELOPMENT STANDARDS.



ATTENTION CONTRACTORS

The Contractor responsible for the extension of water, sewer, and/or reuse, as approved in these plans, is responsible for contacting the Public Utilities Inspector at 919-996-3245 or <https://cityworks.raleighnc.gov/bucontractors/new> and schedule a Pre-construction meeting prior to beginning any construction. Raleigh Water must be contacted at (919) 996-4540 at least twenty-four hours prior to beginning any work activity around critical water and sewer infrastructure.

Failure to notify the Divisions in advance of beginning construction, will result in the issuance of monetary fines, and require reinstallation of any water or sewer facilities not inspected as a result of this notification failure.

Failure to call for Inspection, install a downstream plug, have permitted plans on the jobsite, or any other violation of City of Raleigh Standards will result in a fine and possible exclusion from future work in the City of Raleigh.

Public

WATER DISTRIBUTION / EXTENSION SYSTEM

The City of Raleigh consents to the connection and extension of the City's public water system as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook.

City of Raleigh
Public Utilities Department/Permit # _____

Public

SEWER COLLECTION / EXTENSION SYSTEM

The City of Raleigh consents to the connection and extension of the City's public sewer system as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook.

City of Raleigh
Public Utilities Department/Permit # _____

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17	SITE DETAILS
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61	Street C Plan & Profile 11+00 - 24+50
62	Street D and E Plan & Profiles
63	Sewer Outfall Plan & Profiles
64	SCM 1 Storm Alignments & Profiles
65	SCM 2 Storm Alignments & Profiles
66	Storm East Alignments & Profiles
67	Greenway North Plan & Profile 0+00 - 11+50
68	Greenway North Plan & Profile 11+50 - 23+00
69	Greenway North Plan & Profile 23+00 - 33+88
70	Greenway North Entrances and South-1

AGENCY CONTACTS

Town of Rolesville
Planning Department
502 Southtown Circle
Rolesville, NC 27511

Wake County
Watershed Management
Waverly F. Atkins Building
337 S. Salisbury St
Raleigh, NC 27601
Contact: Karen Pageau
Phone: (919) 796-8769
Email: karyn.pageau@wakegov.com

City of Raleigh Public Utilities Dept.
One Exchange Plaza Suite 620
Raleigh, NC 27602
Phone: (919) 996-3245
Email: publicutilityinfo@raleighnc.gov

NCDOT
Division 5, District 1 Office
4009 District Drive
Raleigh, NC 27607

EROSION CONTROL, STORMWATER AND FLOODPLAIN MANAGEMENT

APPROVED

EROSION CONTROL ☐ SEC-

STORMWATER MGMT. ☐ SWF-

FLOOD STUDY ☐ SWF-

DATE _____



ENVIRONMENTAL CONSULTANT SIGNATURE

N.C. UNDERGROUND UTILITIES



3 DAYS BEFORE DIGGING CALL
TOLL FREE 811 or (800)632-4949

A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

Sheet List Table	
Sheet Number	Sheet Title
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91	Jonesville Rd Waterline 10+00 to 20+00
92	Jonesville Rd Waterline 20+00 to 30+00
93	Jonesville Rd Waterline 28+50 to 34+00

Developer



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10030 Green Level Church Rd, Suite 802 #149- Cary, NC 27519

Engineer



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TRADITIONAL SOLUTIONS • INNOVATING THE FUTURE

Firm # F-1517

15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor



Bateman Civil Survey Company
2524 Reliance Avenue
Apex, NC 27539
919-557-1080 ext 109
www.batemancivilsurvey.com

Jurisdiction / Municipality

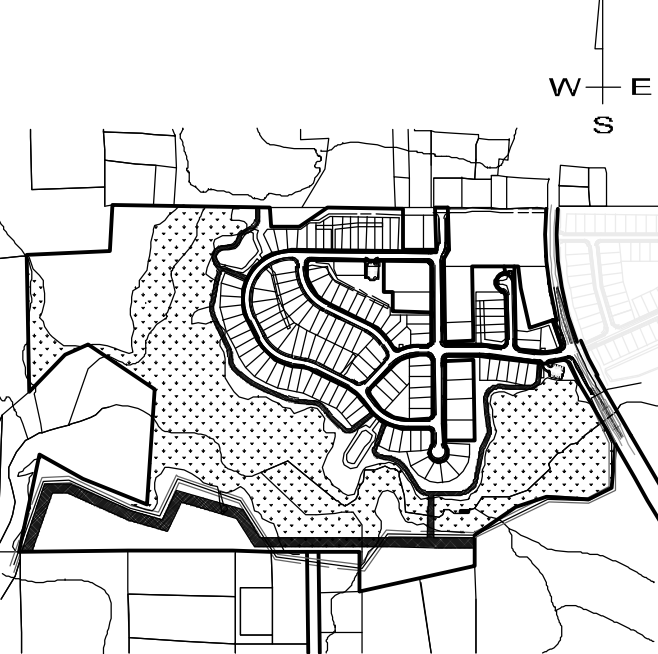


Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517

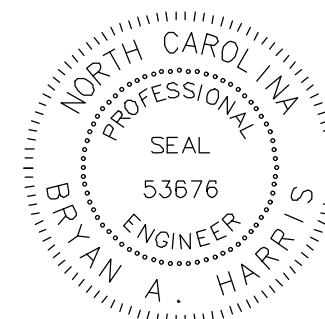
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Other Consultants

Sheet map:



Seal:



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HARRIS CREEK FARMS

CID-25-03

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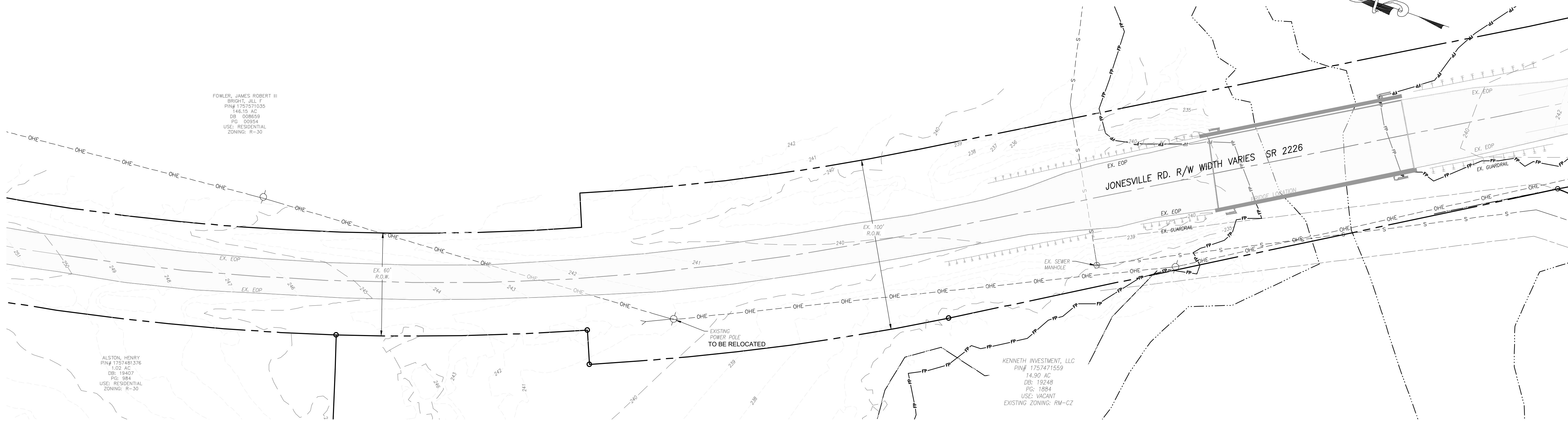
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Sheet #:

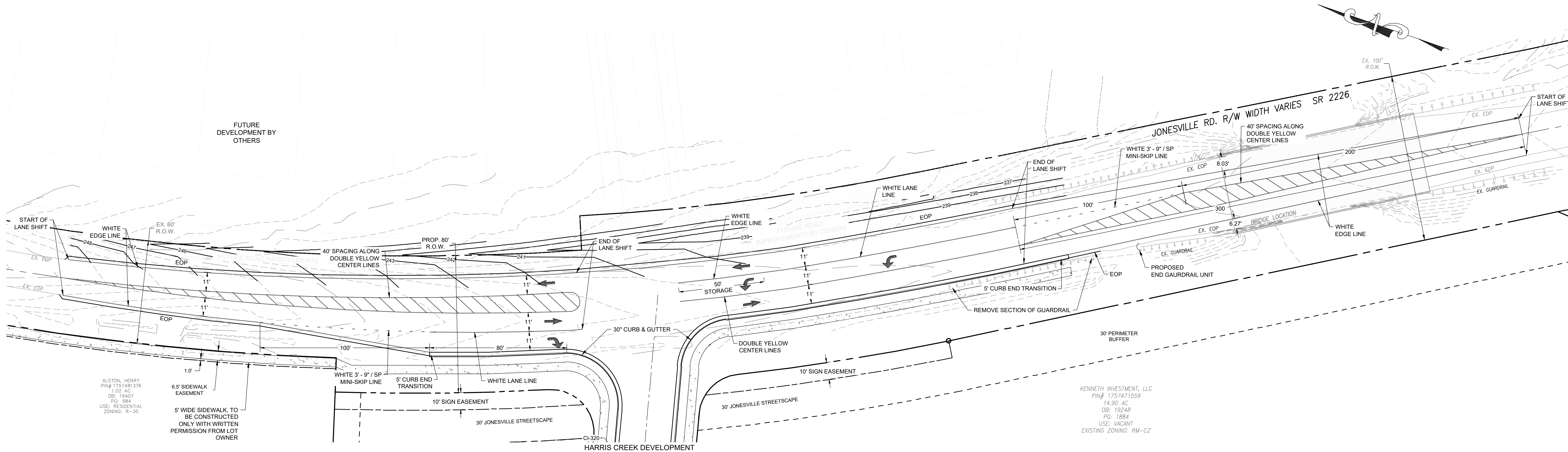
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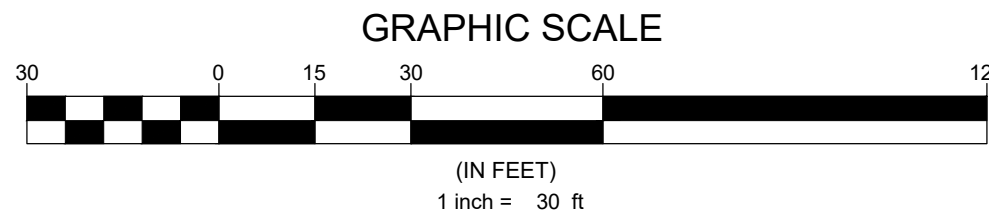
Jonesville Road Existing Conditions

SCALE: 1" = 30'



Jonesville Rd Road Widening & Striping Plan

SCALE: 1" = 30'



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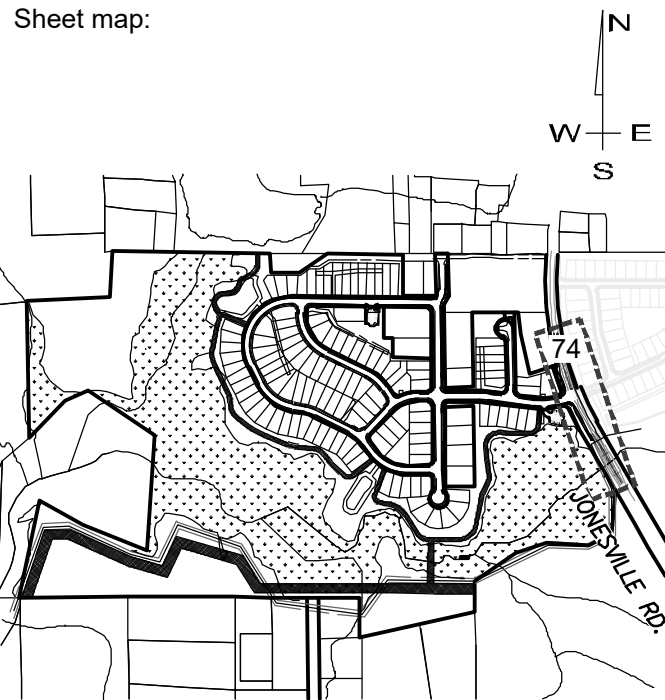
Developer
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10030 Green Level Church Rd, Suite 802 #149- Cary, NC 27519

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305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
information@strongrockengineering.com

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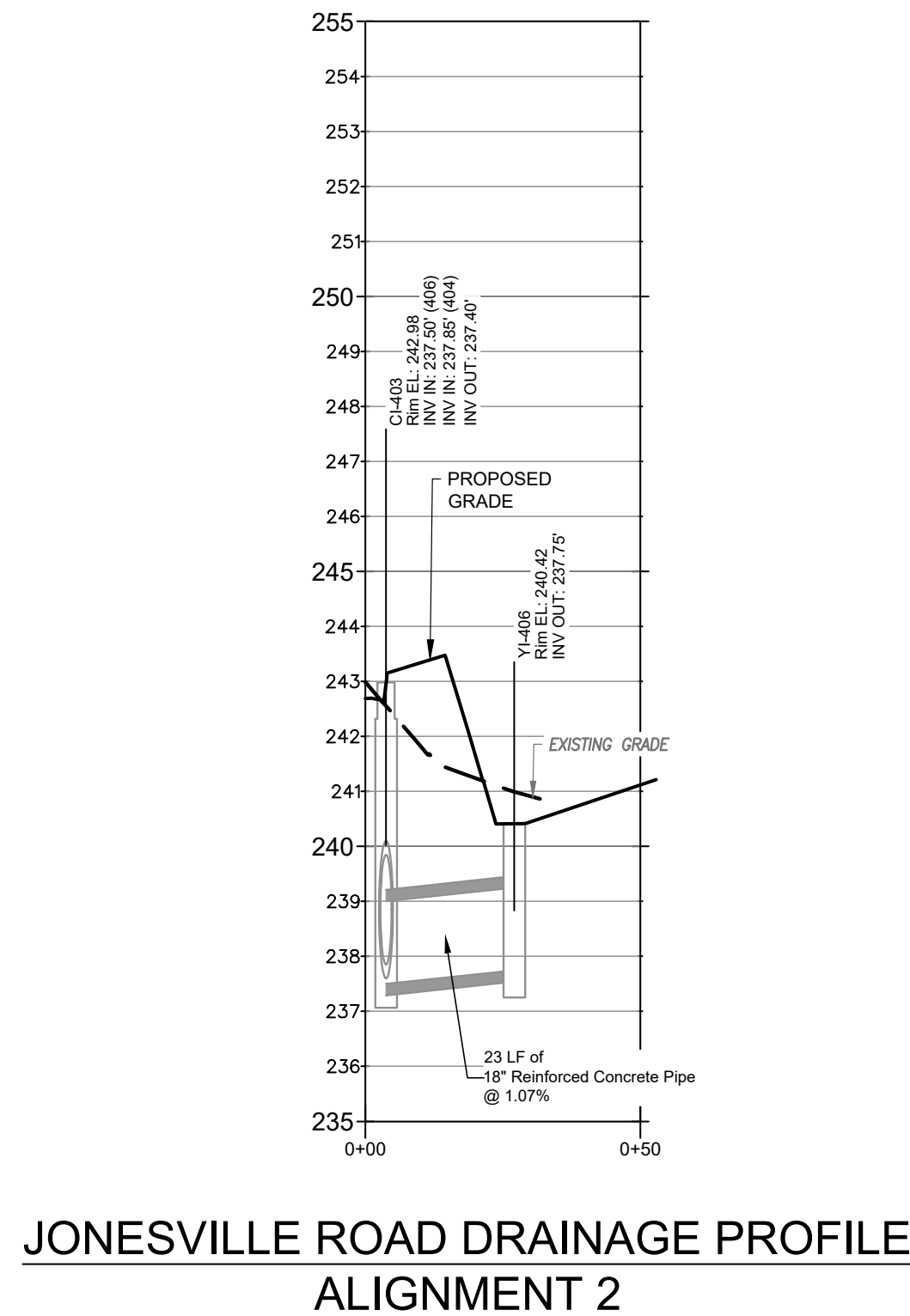
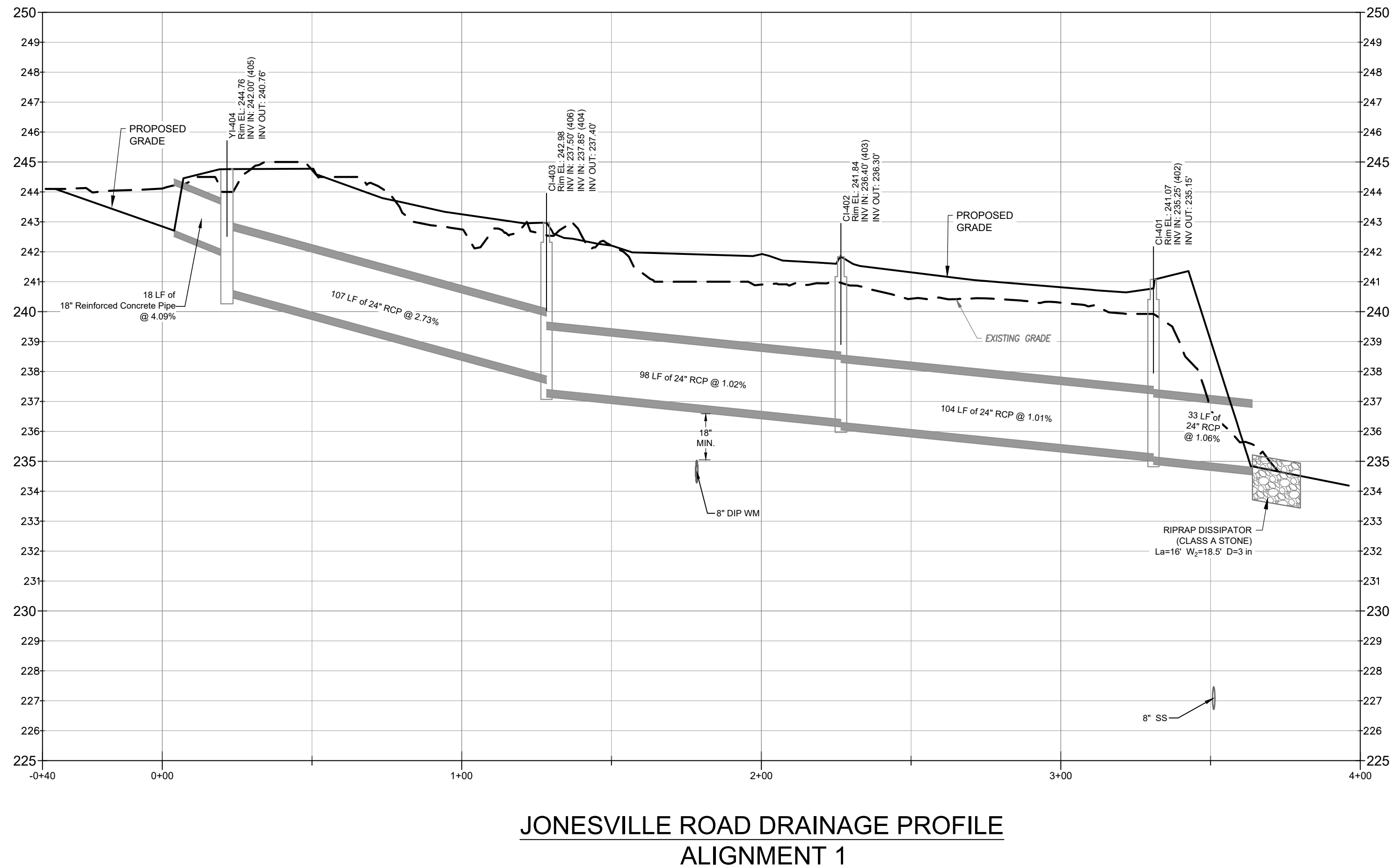
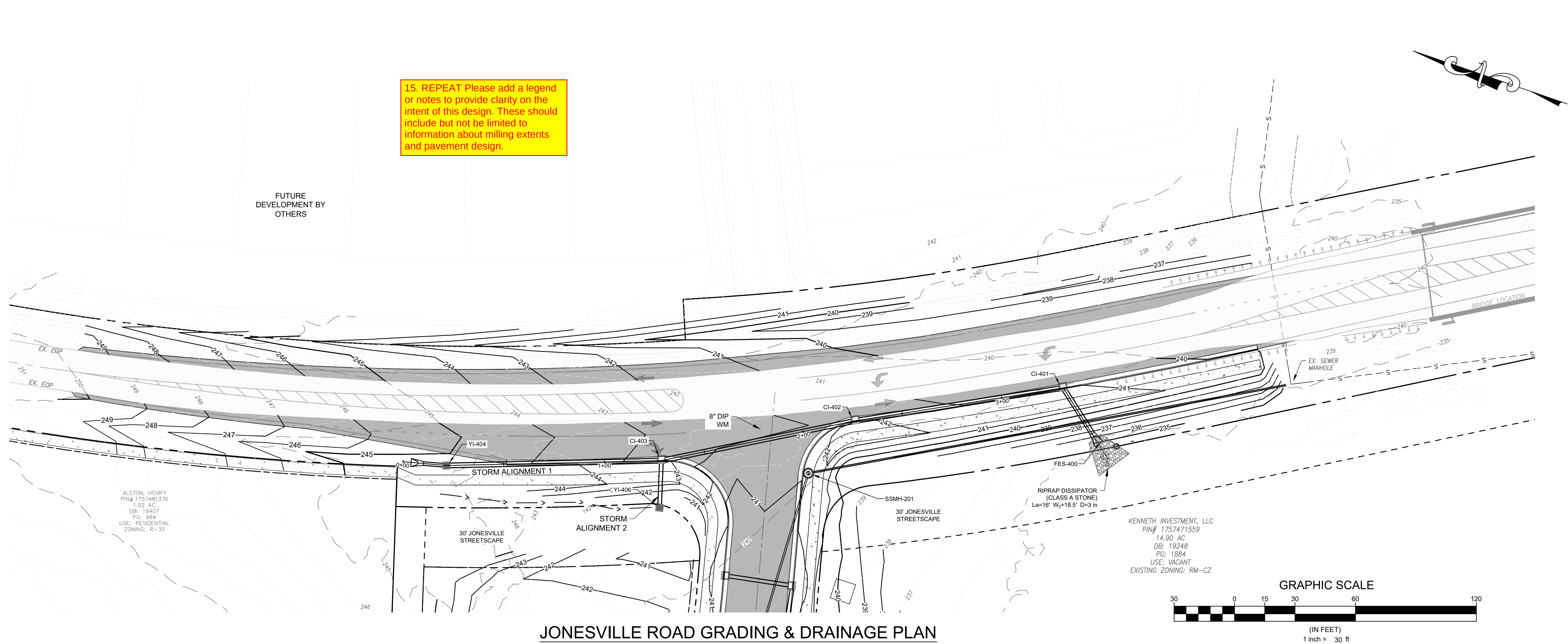
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Sheet Title: **JONESVILLE RD EXISTING CONDITION, ROAD WIDEN & STRIPING PLAN**

Sheet #:

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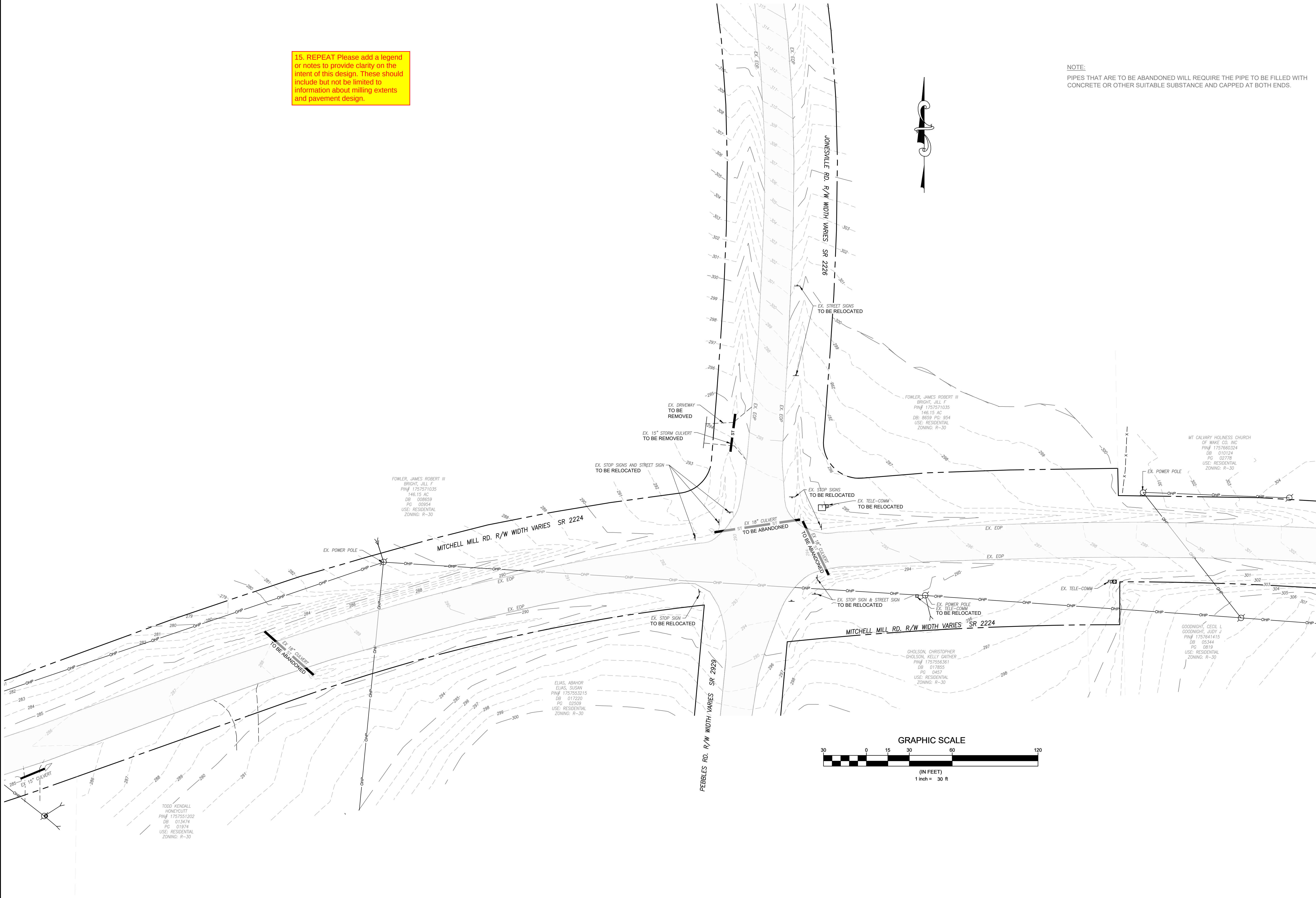
JONESVILLE ROAD GRADING AND DRAINAGE PLAN & PROFILES

Sheet #:

75

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15. REPEAT Please add a legend or notes to provide clarity on the intent of this design. These should include but not be limited to information about milling extents and pavement design.



NOTE:
PIPES THAT ARE TO BE ABANDONED WILL REQUIRE THE PIPE TO BE FILLED WITH CONCRETE OR OTHER SUITABLE SUBSTANCE AND CAPPED AT BOTH ENDS.

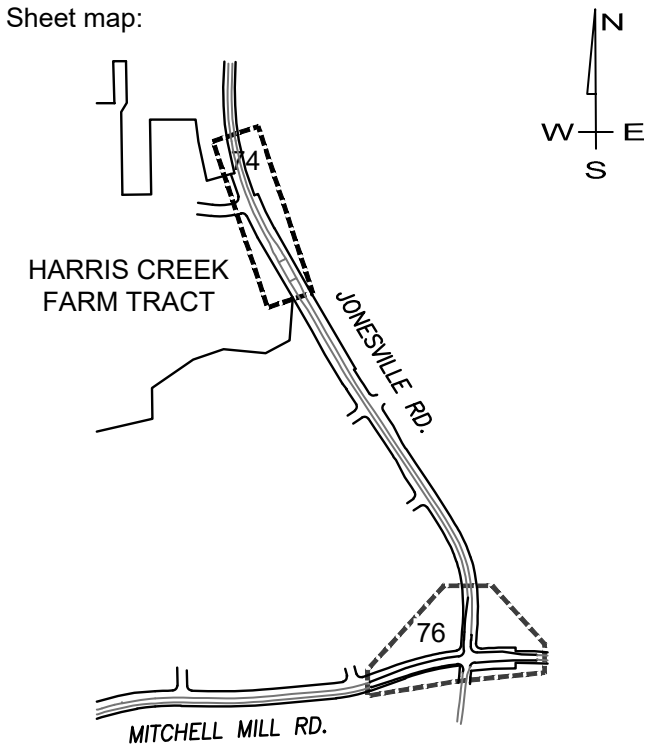
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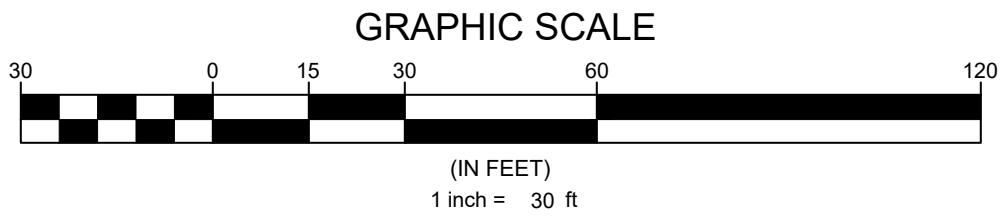
MITCHELL MILL EXISTING CONDITIONS & DEMOLITION PLAN

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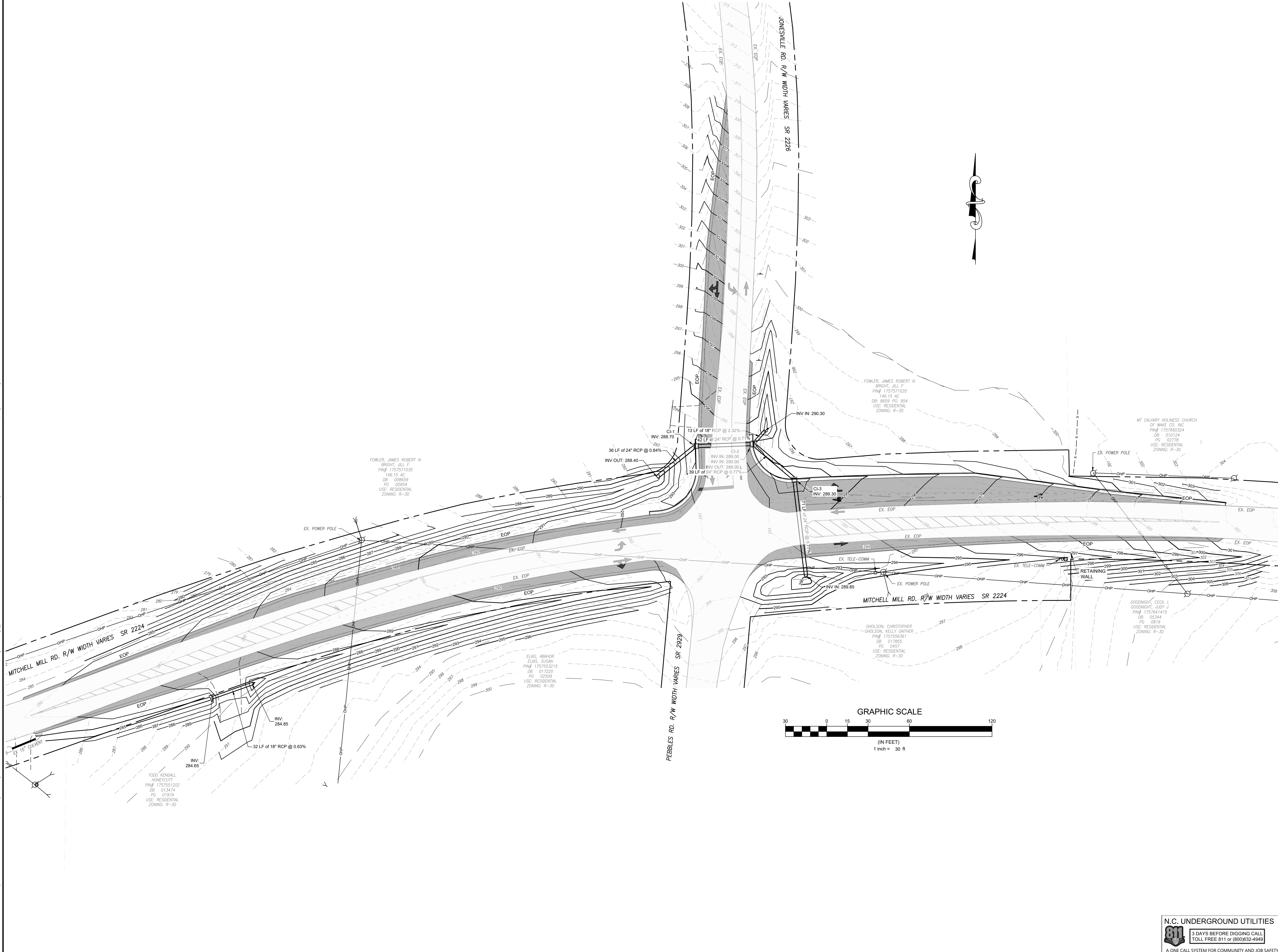
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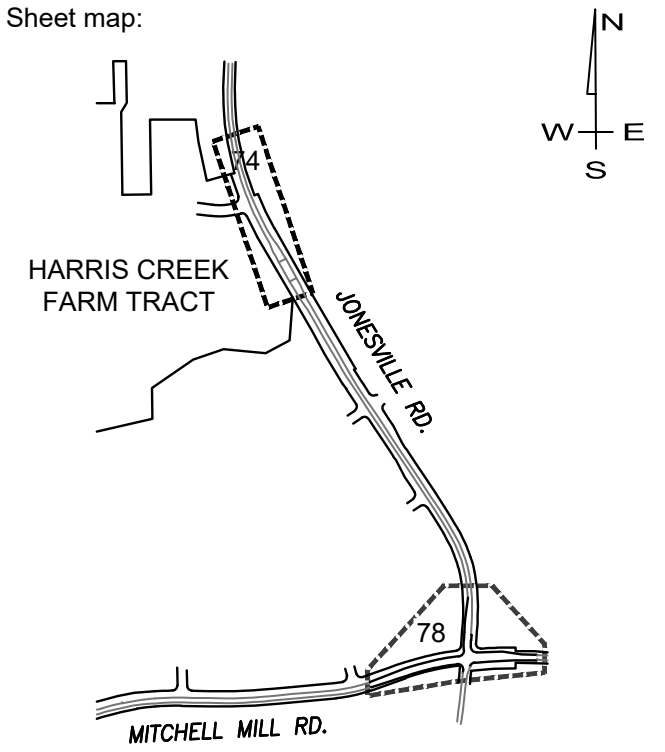
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CID-25-03 (PSP-24-05)

Other Consultants



Seal:

NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL
53676
BRYAN A. HARRIS

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MITCHELL MILL GRADING PLAN

Sheet #:

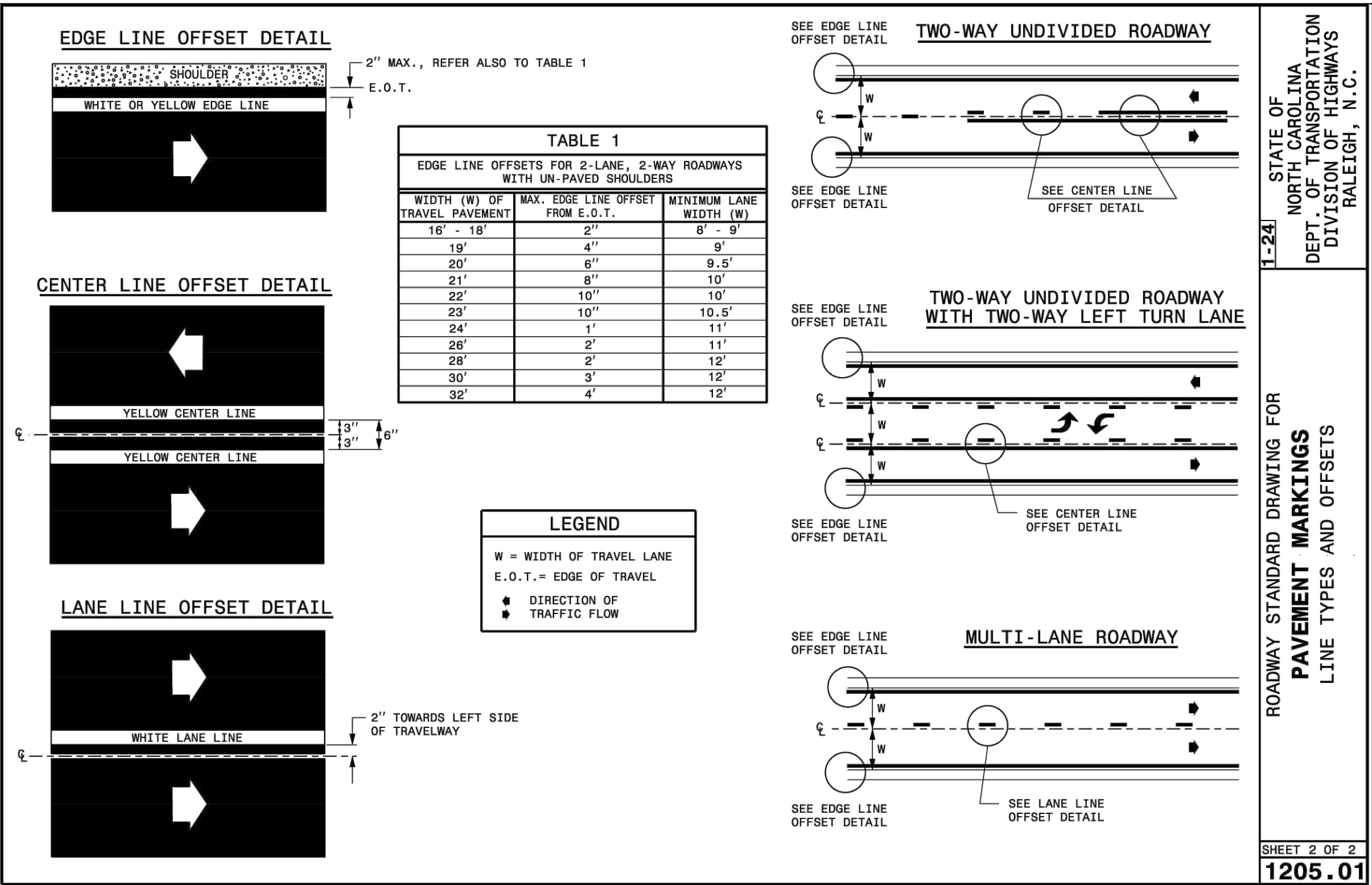
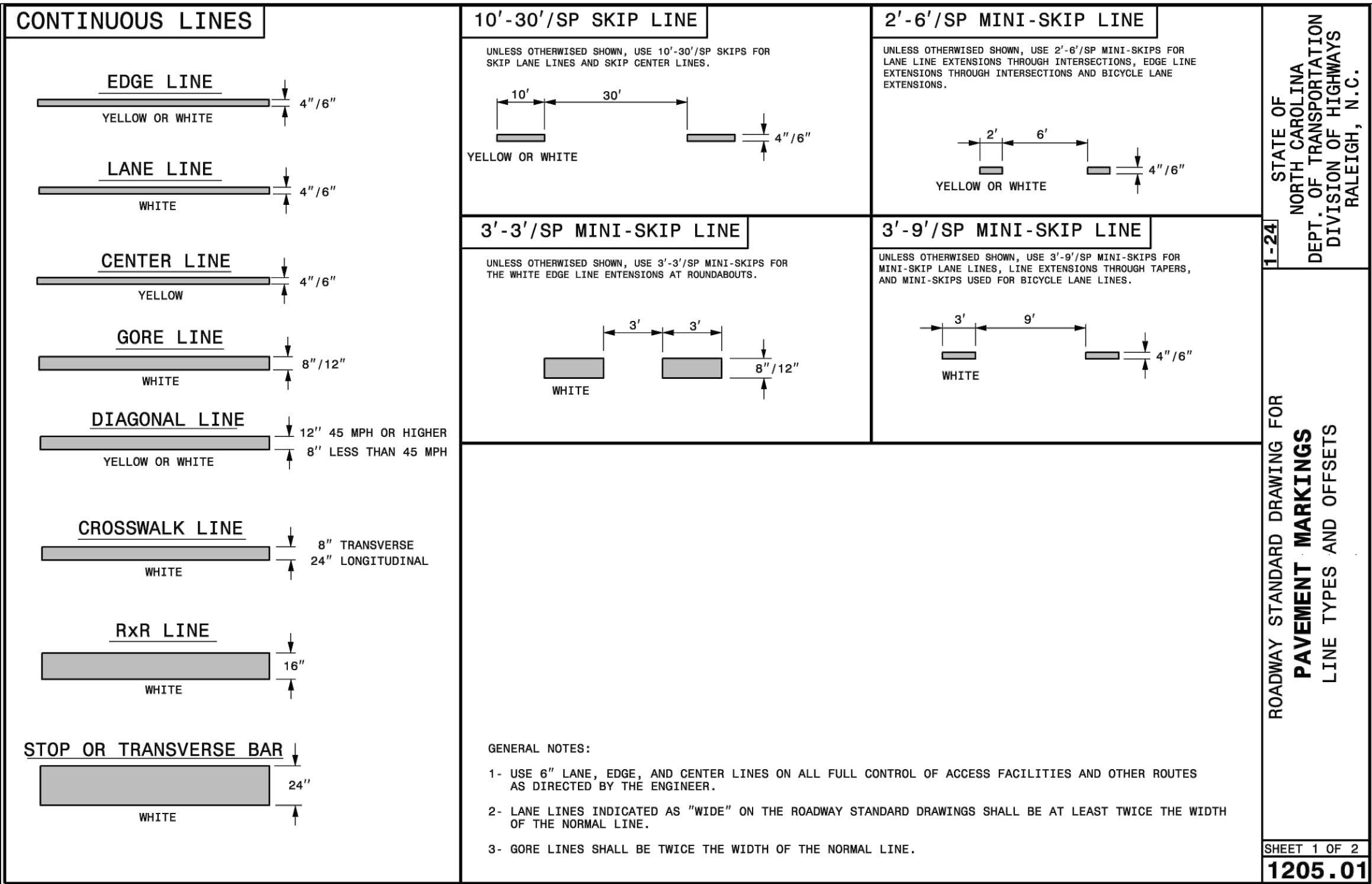
N.C. UNDERGROUND UTILITIES

811

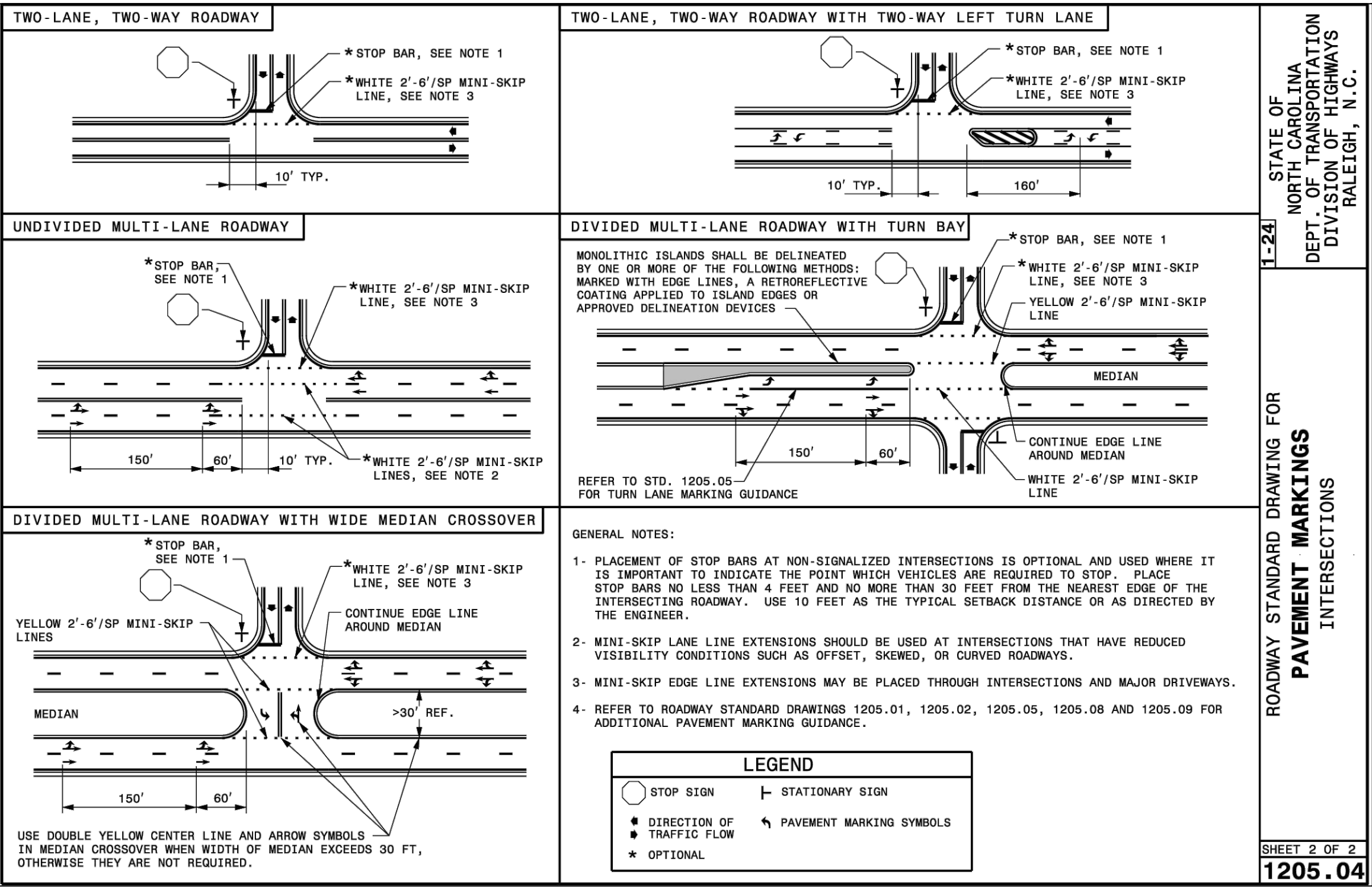
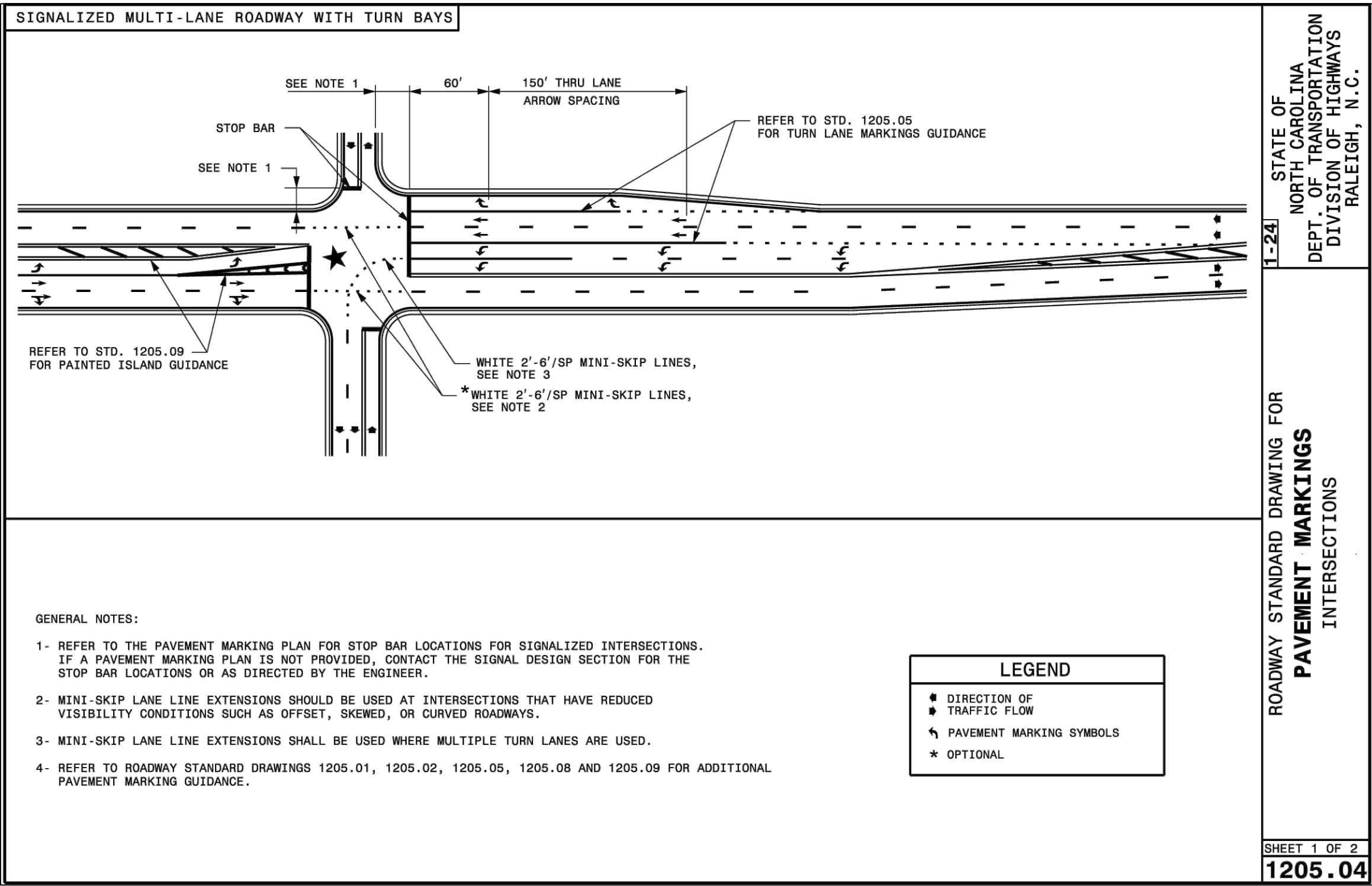
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NOTE:
DO NOT COMPLETELY BLOCK ACCESS TO THE LOT WHEN WORKING NEAR OR ON A DRIVEWAY. ENSURE ACCESS CAN BE MAINTAINED FOR THE HOME OWNERS. WHEN INSTALLING WATERLINE, IT WOULD BE BEST TO BORE AND JACK UNDER THE DRIVEWAY BUT OTHER OPTIONS CAN BE USED AS LONG AS IT DOES NOT BLOCK TRAFFIC TO THE OWNERS LOT. IF CUTTING A DRIVEWAY IS DESIRED, ENSURE DRIVEWAY IS BACK TO ITS ORIGINAL CONDITION OR BETTER AND IF THE DRIVEWAY IS TO HAVE CONCRETE, ENSURE CURE TIME DOES NOT IMPACT ACCESS TO THE LOT.



Developer



10030 Green Level Church Rd. Suite 802 #149- Cary, NC 27519

Engineer



QUANTECH ENGINEERING
TRIMMING, SOLUTIONS, & CONSTRUCTION, INC. PART 002
Firm # F-1517

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Cary, N.C. 27513
(919) 996-9455

Surveyor



305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
information@strongrockengineering.com

Jurisdiction / Municipality

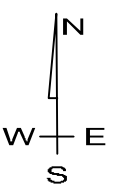


Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517

CID-25-03 (PSP-24-05)

Other Consultants

Sheet map:



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Project:

**HARRIS CREEK
FARMS**

CID-25-03

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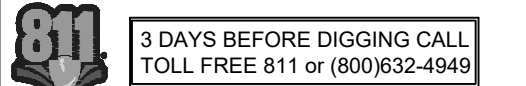
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**ROAD
WIDENING &
STRIPING
DETAILS**

Sheet #:

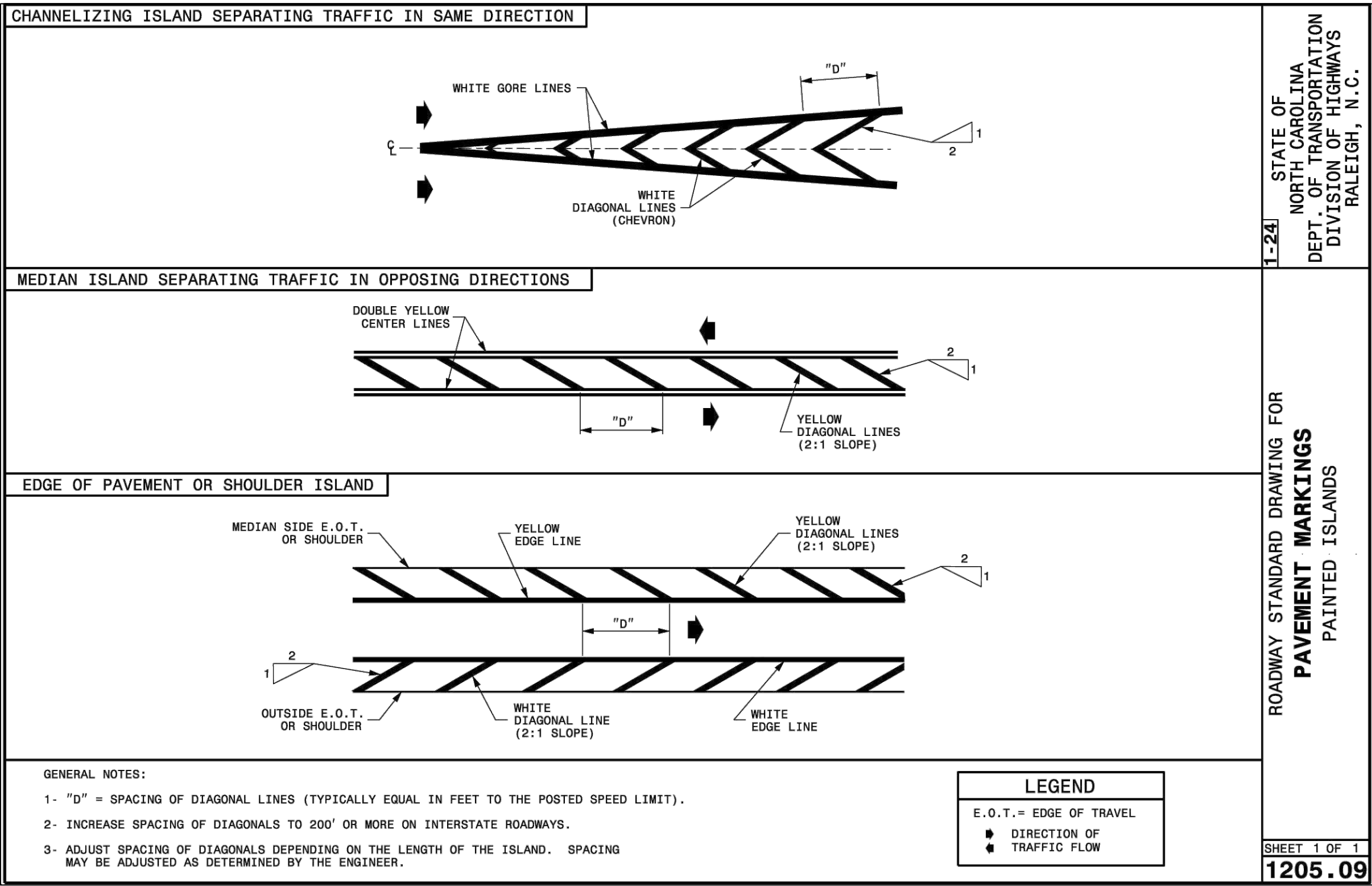
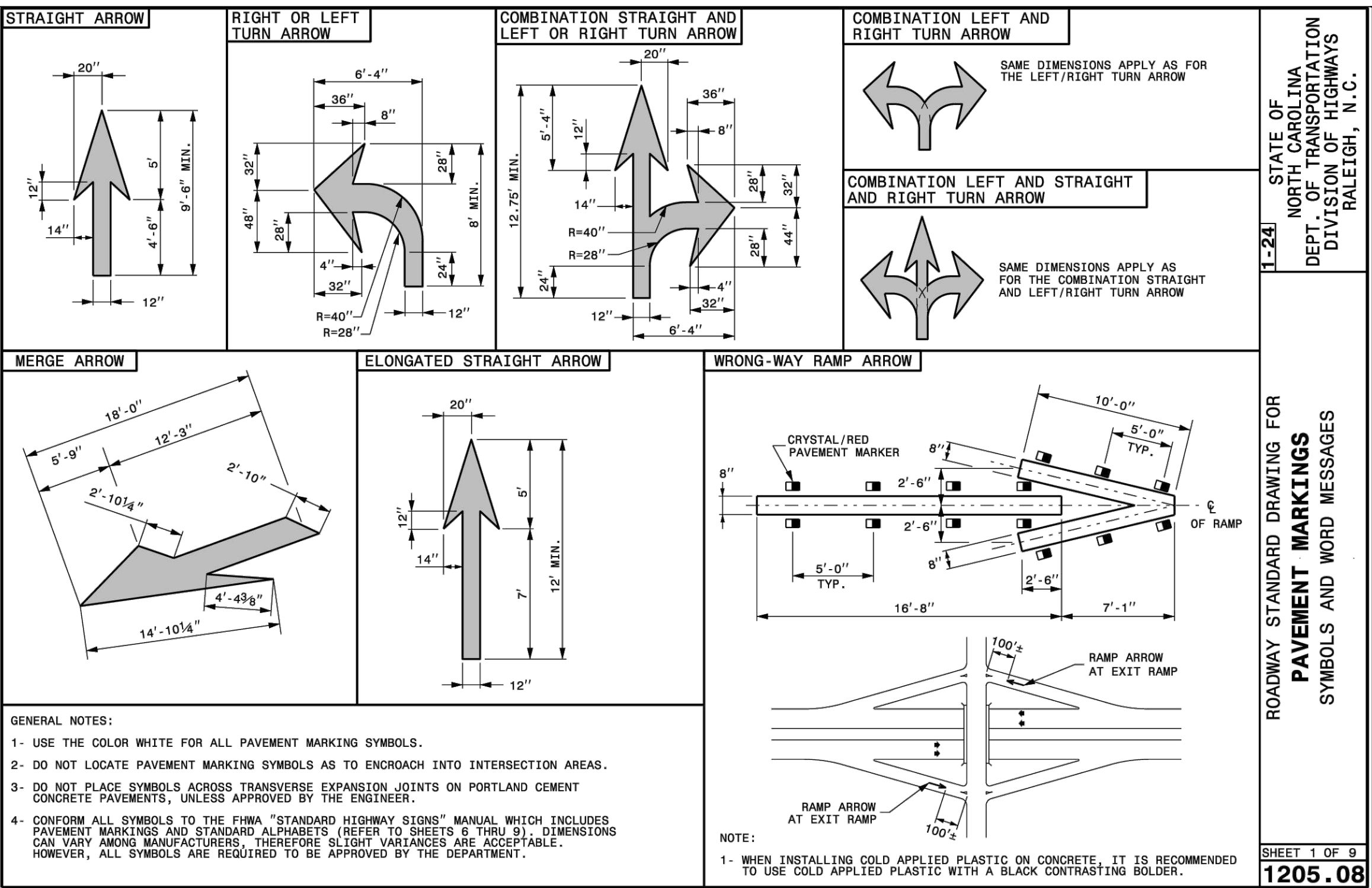
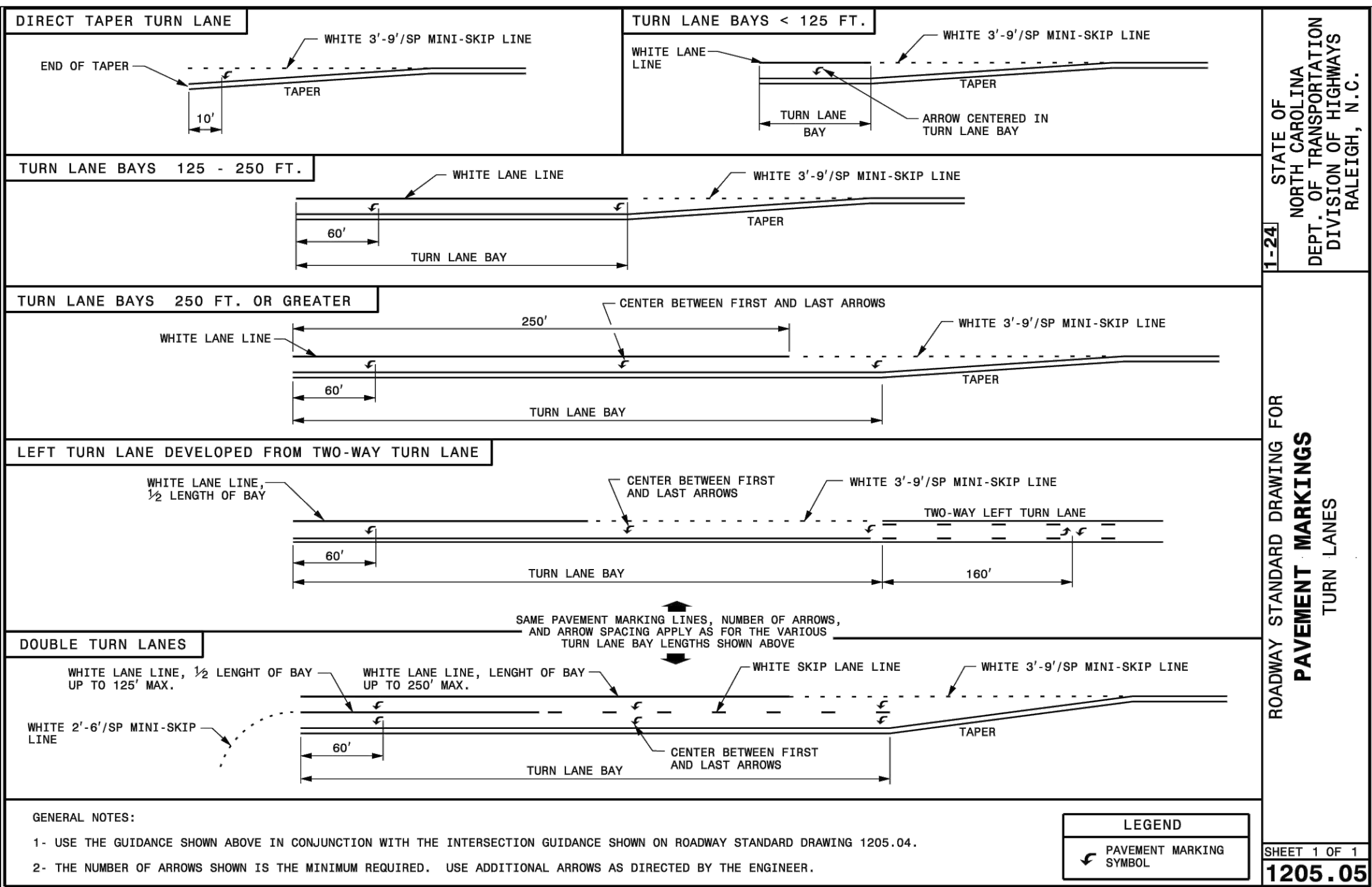
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N.C. UNDERGROUND UTILITIES



A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

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Developer



10030 Green Level Church Rd, Suite 802 #149- Cary, NC 27519

Engineer



QUANTECH ENGINEERING

TRIMMABLE SOLUTIONS | SUBSIDIARY OF THE PAVEMENT

Firm # F-1517

15000 Weston Parkway

Cary, N.C. 27513

(919) 996-9455

Surveyor



305 Church at North Hills Street Suite 1110 Raleigh, NC 27609

984-200-1932 information@strongrockengineering.com

Jurisdiction / Municipality



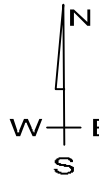
Town of Rolesville 502 Southtown Cir Rolesville, NC 27571

Phone: 919-554-6517

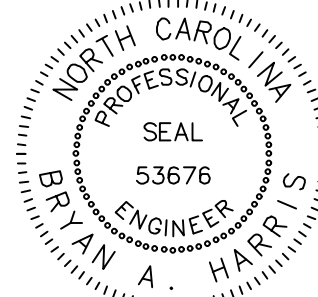
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Other Consultants

Sheet map:



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Project:

HARRIS CREEK FARMS

CID-25-03

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**ROAD
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STRIPING
DETAILS**

Sheet #:

80

N.C. UNDERGROUND UTILITIES



3 DAYS BEFORE DIGGING CALL
TOLL FREE 811 or (800)632-4949

A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

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GENERAL NOTES:

1- MARKERS ARE GENERALLY NOT REQUIRED ALONG EDGE LINES EXCEPT IF DESIGNATED IN THE PLANS OR DIRECTED BY THE ENGINEER. WHEN THEY ARE REQUIRED, SPACE THEM ON 20 FT., CENTERS, AND OFFSET 2 INCHES FROM THE EDGE LINE ON THE TRAFFIC SIDE.

2- PLACE CRYSTAL/RED MARKERS AT INTERSECTIONS AND INTERCHANGES WHERE WRONG-WAY MOVEMENTS ARE POSSIBLE. POSITION THE RED SIDE OF THE MARKER TO FACE "WRONG-WAY" TRAFFIC. WHEN USED, PLACE CRYSTAL/RED MARKERS ALONG THE ENTIRE LENGTH OF THE PROJECT.

3- DO NOT PLACE PAVEMENT MARKERS CLOSER THAN 3 INCHES TO A PAVEMENT CONSTRUCTION JOINT (AS FEASIBLE), EXCEPT WHEN PLACED BETWEEN DOUBLE YELLOW CENTER LINES, AND ALONG YELLOW SKIP LINES ON TWO-LANE, TWO-WAY ROADWAYS WHERE PASSING IS ALLOWED IN BOTH DIRECTIONS.

4- DO NOT PLACE PAVEMENT MARKERS DIRECTLY ON PAVEMENT MARKING LINES.

5- PLACE PAVEMENT MARKERS USED IN CONJUNCTION WITH DOUBLE YELLOW CENTER LINES MID-WAY BETWEEN THE LINES. PROVIDE A GAP BETWEEN THE LINES AND THE MARKER TO REDUCE OVERSPRAYING THE MARKER DURING REPAINTING OPERATIONS.

6- MARKERS ARE NOT REQUIRED ALONG MINI-SKIP LINES IN TAPERS.

PAVEMENT MARKER SPACING CHART	
TYPE OF PAVEMENT MARKING	TYPICAL SPACING (FT)
SKIP LINES AND CENTER LINES ALONG THRU LANES- ALONG TANGENT SECTIONS AND HORIZONTAL CURVES LESS THAN 6° HORIZONTAL CURVES ≥ 6°	80
	40
	24
	20
	40
TURN LANES- MINI-SKIP LINES	24
SKIP LINES	40
SOLID LINES	20
CENTER LINES	40
MINI-SKIP LINES AT LANE DROP APPROACHES	24
TWO-WAY RAMP CENTER LINES	40
GORE LINES	20
PAINTED ISLANDS- WHITE	20
YELLOW	40
RAISED MEDIAN ISLANDS	40
WRONG WAY RAMP ARROW	5
TAPERS	40
NARROW BRIDGES- EDGE LINE	20
CENTER LINE	40
ONE LANE BRIDGES- EDGE LINE	20
WORK ZONE APPLICATIONS	
2-LANE, 2-WAY ON-SITE DIVERSION	20 FT. FOR CENTER LINE
ALL OTHER DIVERSIONS	½ NORMAL SPACING

1-24

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

ROADWAY STANDARD DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 1 OF 3
1250.01

10'-30'/SP SKIP LINE

3'-9'/SP MINI-SKIP LINE

LEGEND

CRYSTAL/RED PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

DIRECTION OF TRAFFIC FLOW

GORE LINES

YELLOW CENTER LINES

CENTER LINES FOR-

TWO-LANE, TWO-WAY ROADWAYS

UNDIVIDED ROADWAYS

TWO-WAY LEFT TURN LANES

DETAIL OF PAVEMENT MARKER PLACEMENT

SNOWPLOWABLE RAISED PAVEMENT MARKERS

RAISED REFLECTIVE PAVEMENT MARKERS

1-24

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

ROADWAY STANDARD DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 2 OF 3
1250.01

AUXILIARY TURN LANES

YELLOW PAINTED ISLANDS

WHITE PAINTED ISLANDS

LEGEND

DIRECTION OF TRAFFIC FLOW

CRYSTAL/RED PAVEMENT MARKER

YELLOW/YELLOW PAVEMENT MARKER

PAVEMENT MARKING SYMBOL

1-24

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

ROADWAY STANDARD DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING

SHEET 3 OF 3
1250.01

TYPICAL PAVEMENT MARKER

TOP VIEW

FRONT VIEW

SIDE VIEW

PAVEMENT SURFACE

APPROVED ADHESIVE

PAVEMENT SURFACE

GENERAL NOTES:

1- USE A MINIMUM OF 2 SQUARE INCHES FOR THE AREA OF EACH REFLECTIVE LENS.

2- FOR A COMPLETE LISTING OF PAVEMENT MARKERS AND ADHESIVES ACCEPTABLE FOR USE IN NORTH CAROLINA CONTACT THE NCDOT SIGNING AND DELINEATION UNIT.

LEGEND

DIRECTION OF TRAFFIC FLOW

1-24

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

ROADWAY STANDARD DRAWING FOR
RAISED PAVEMENT MARKERS
PERMANENT AND TEMPORARY

SHEET 1 OF 1
1251.01

Developer

THE CSC GROUP

CONTRIBUTE TO THE SUCCESS OF LOCAL COMMUNITY

10030 Green Level Church Rd, Suite 802 #149- Cary, NC 27519

Engineer

QUANTECH ENGINEERING

Firm # F-1517

15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor

STRONGROCK

305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
information@strongrockengineering.com

Jurisdiction / Municipality

Rolesville

Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517
CID-25-03 (PSP-24-05)

Other Consultants

Sheet map:

N

W

E

S

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PROFESSIONAL SEAL
53676
BRYAN A. HARRIS
ENGINEER

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Project:

HARRIS CREEK FARMS

CID-25-03

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DETAILS

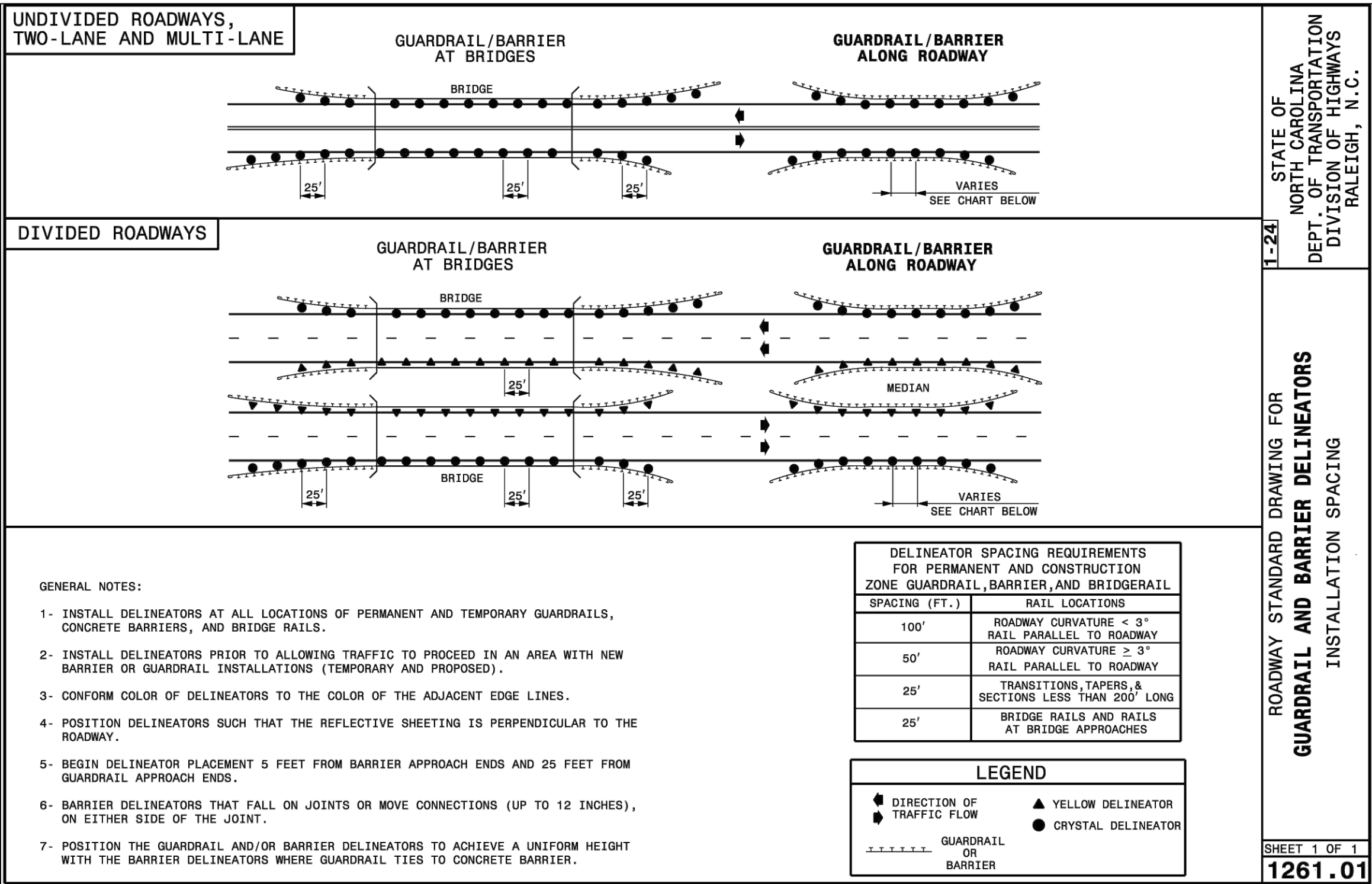
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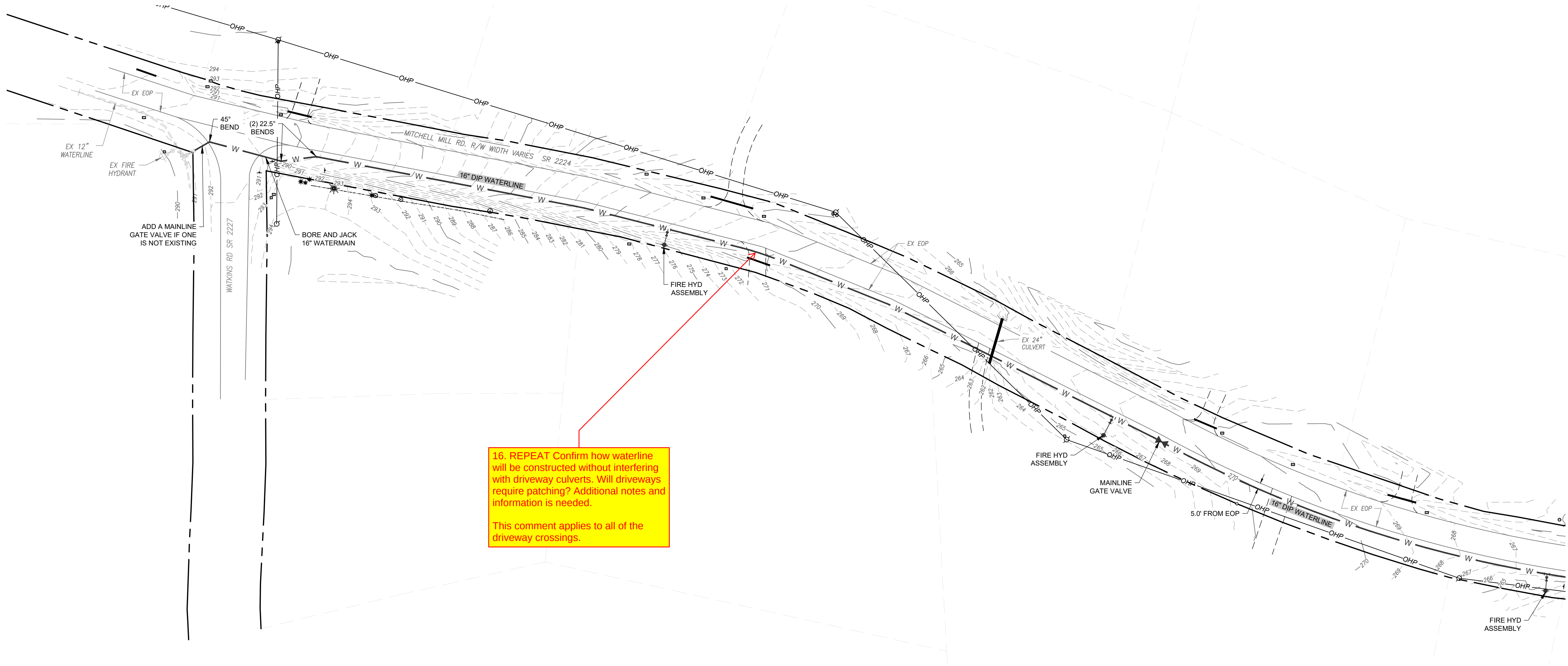
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TOLL FREE 811 or (800)632-4949

A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

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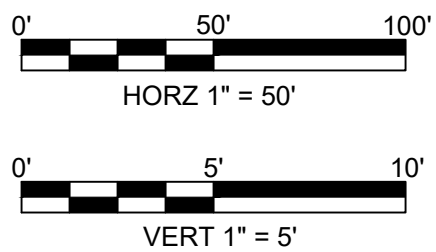
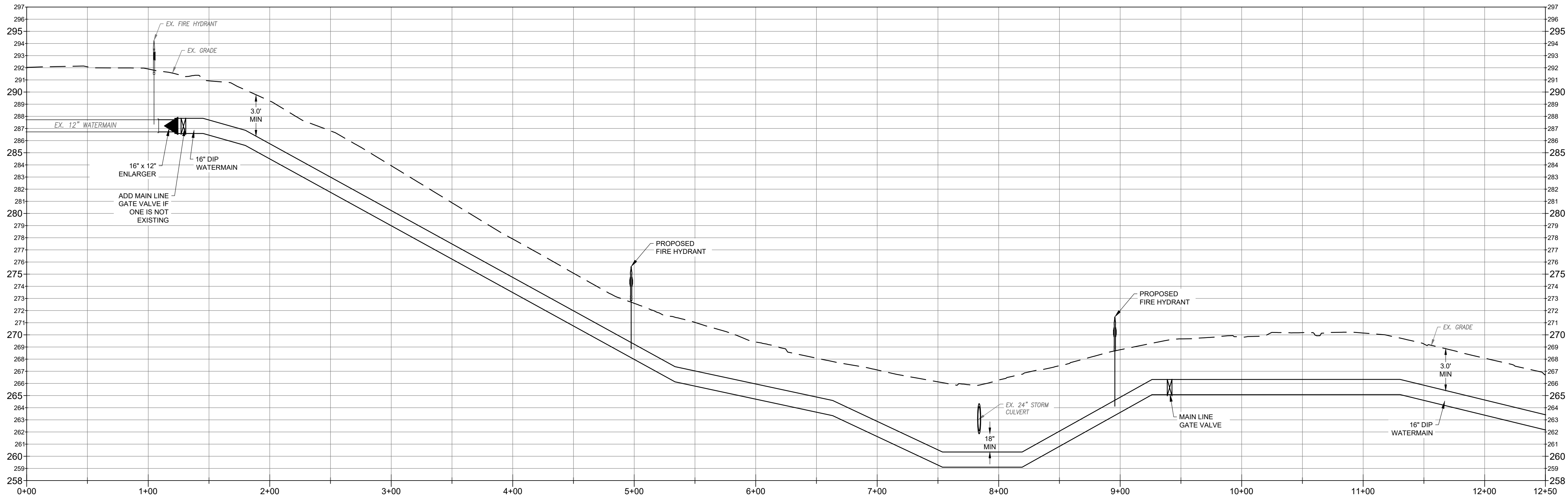
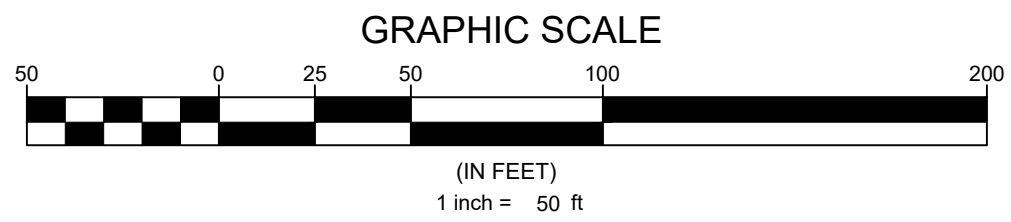


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16. REPEAT Confirm how waterline will be constructed without interfering with driveway culverts. Will driveways require patching? Additional notes and information is needed.

This comment applies to all of the driveway crossings.



Public
WATER DISTRIBUTION / EXTENSION SYSTEM
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City of Raleigh
Public Utilities Department/Permit # _____

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N.C. UNDERGROUND UTILITIES
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Developer
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10030 Green Level Church Rd, Suite 802 #149: Cary, NC 27519

Engineer
QUANTECH ENGINEERING
Firm # F-1517
15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor
STRONGROCK
THE STRONGROCK COMPANIES
305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
Information@strongrockengineering.com

Jurisdiction / Municipality
Rolesville
Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517
CID-25-03 (PSP-24-05)

Other Consultants

Sheet map:

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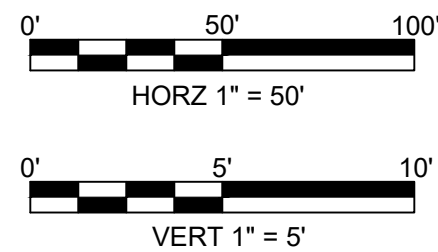
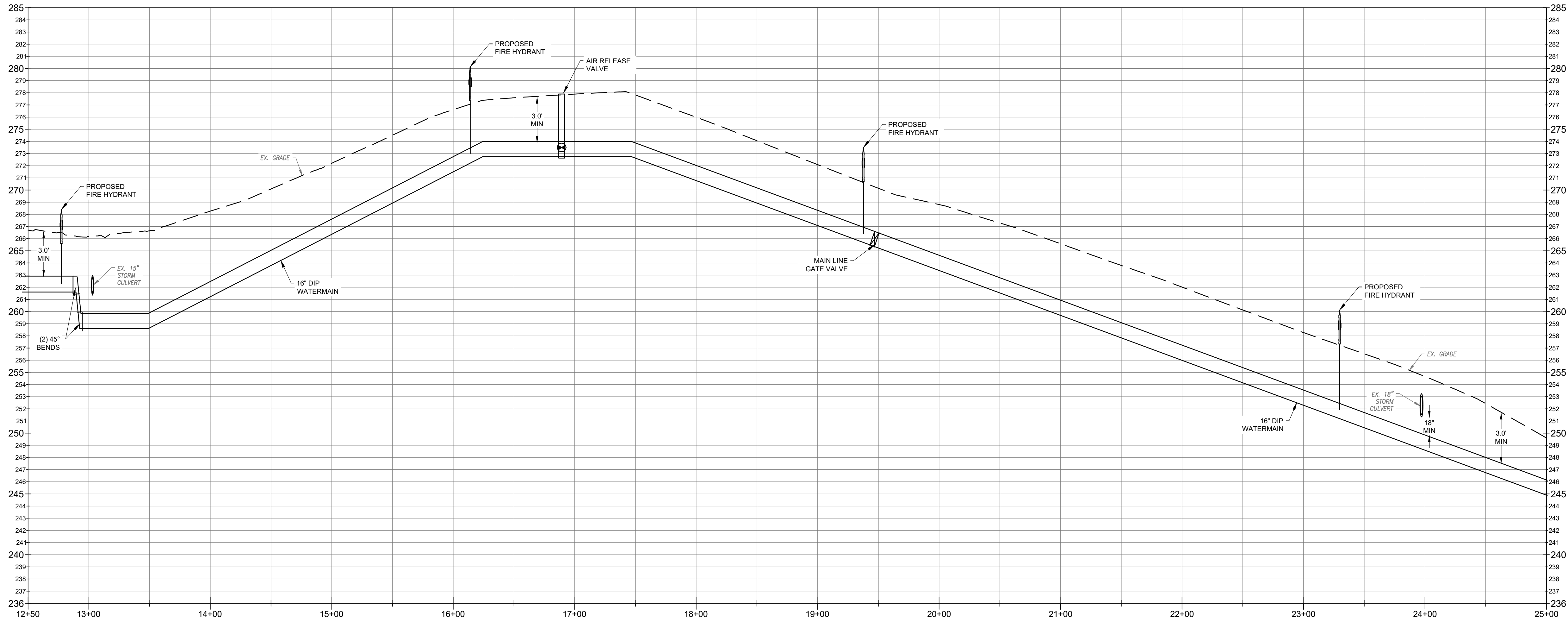
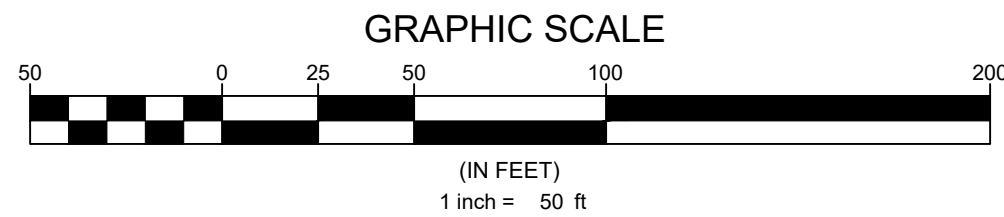
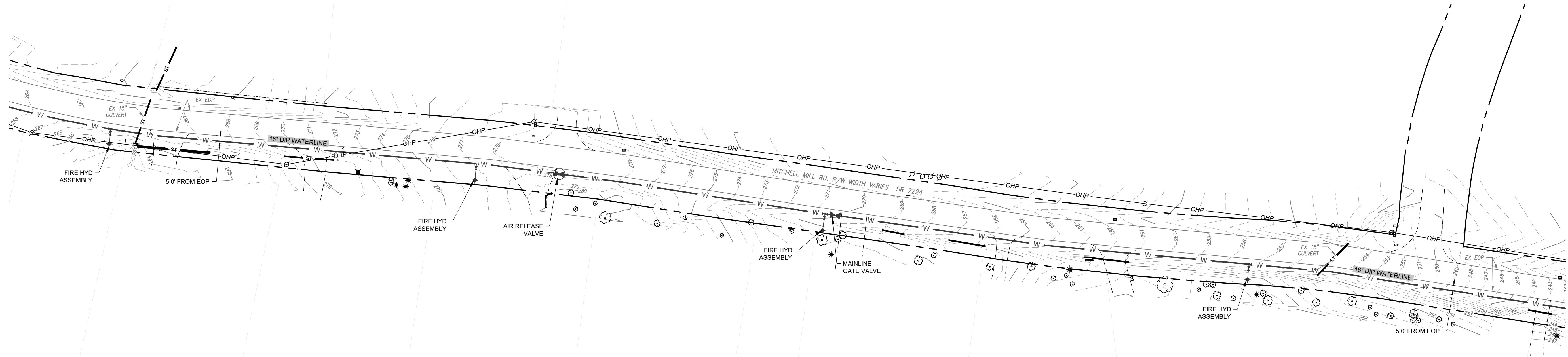
Sheet Title:

MITCHELL WATERLINE
0+00 TO 12+50

Sheet #:

83

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Public Utilities Department/Permit # _____

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N.C. UNDERGROUND UTILITIES
811
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TOLL FREE 811 or (800)632-4949
A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

Developer



10030 Green Level Church Rd, Suite 802 #149: Cary, NC 27519

Engineer



Firm # F-1517

15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor



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Jurisdiction / Municipality

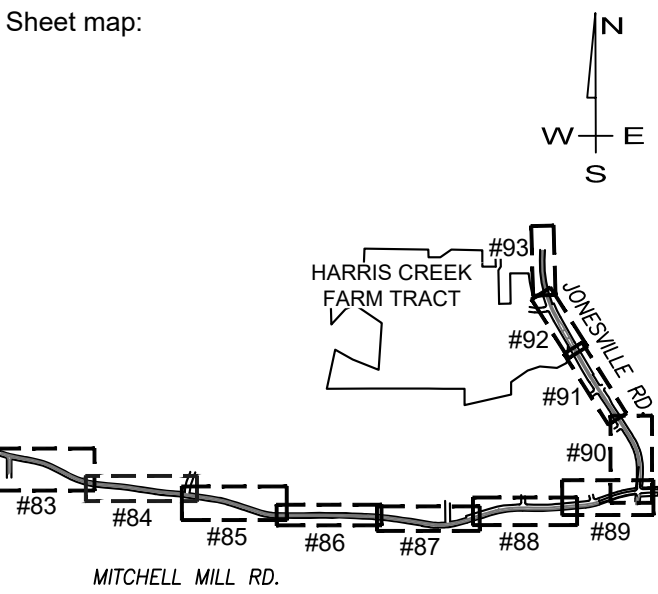


Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517

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Other Consultants

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FARMS**

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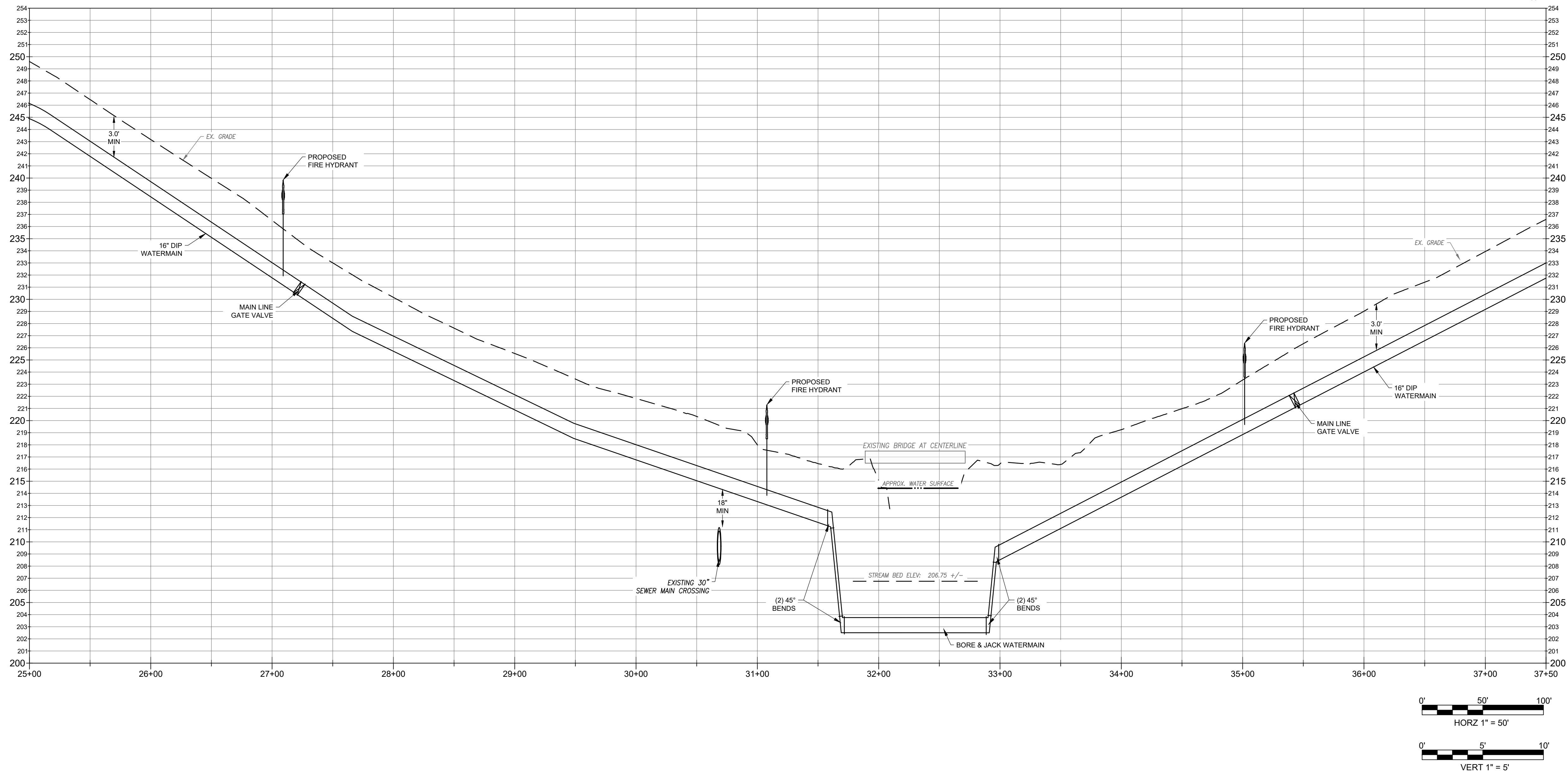
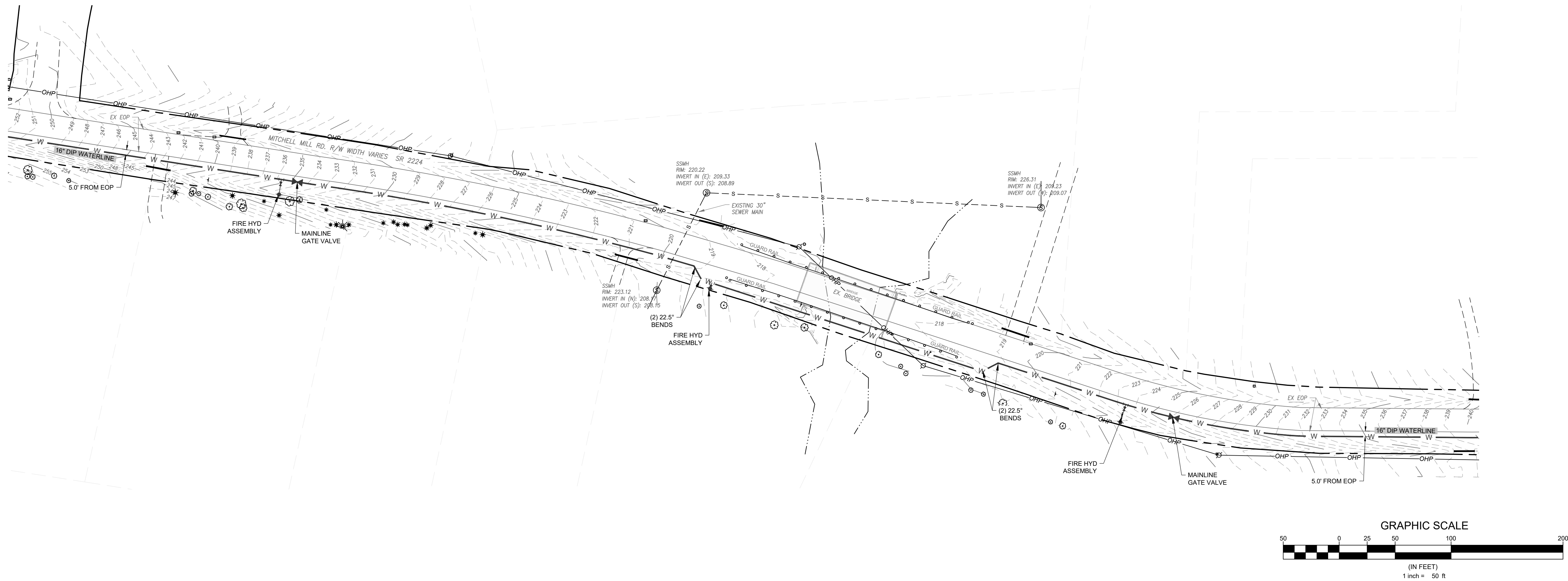
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**MITCHELL
WATERLINE
12+50 TO 25+00**

Sheet #:

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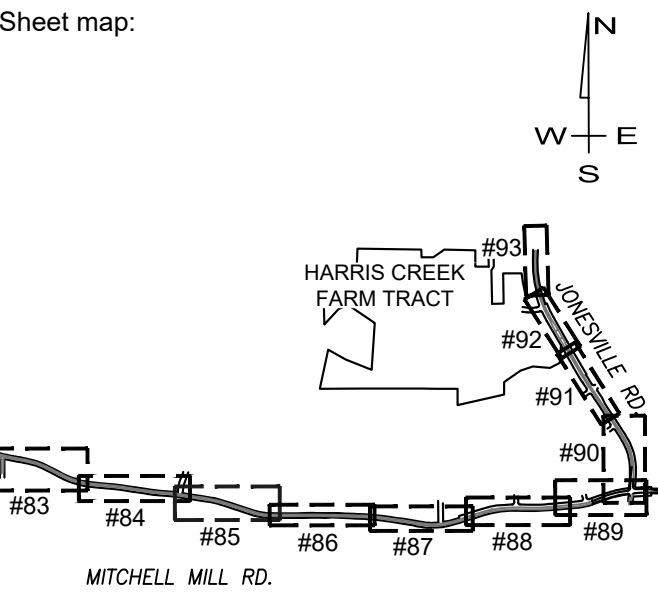
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Sheet Title:
MITCHELL WATERLINE
25+00 TO 37+50

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85

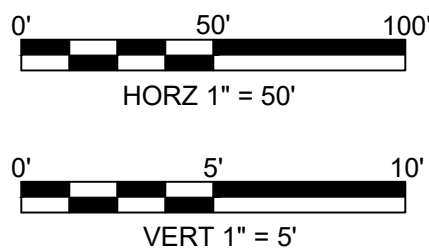
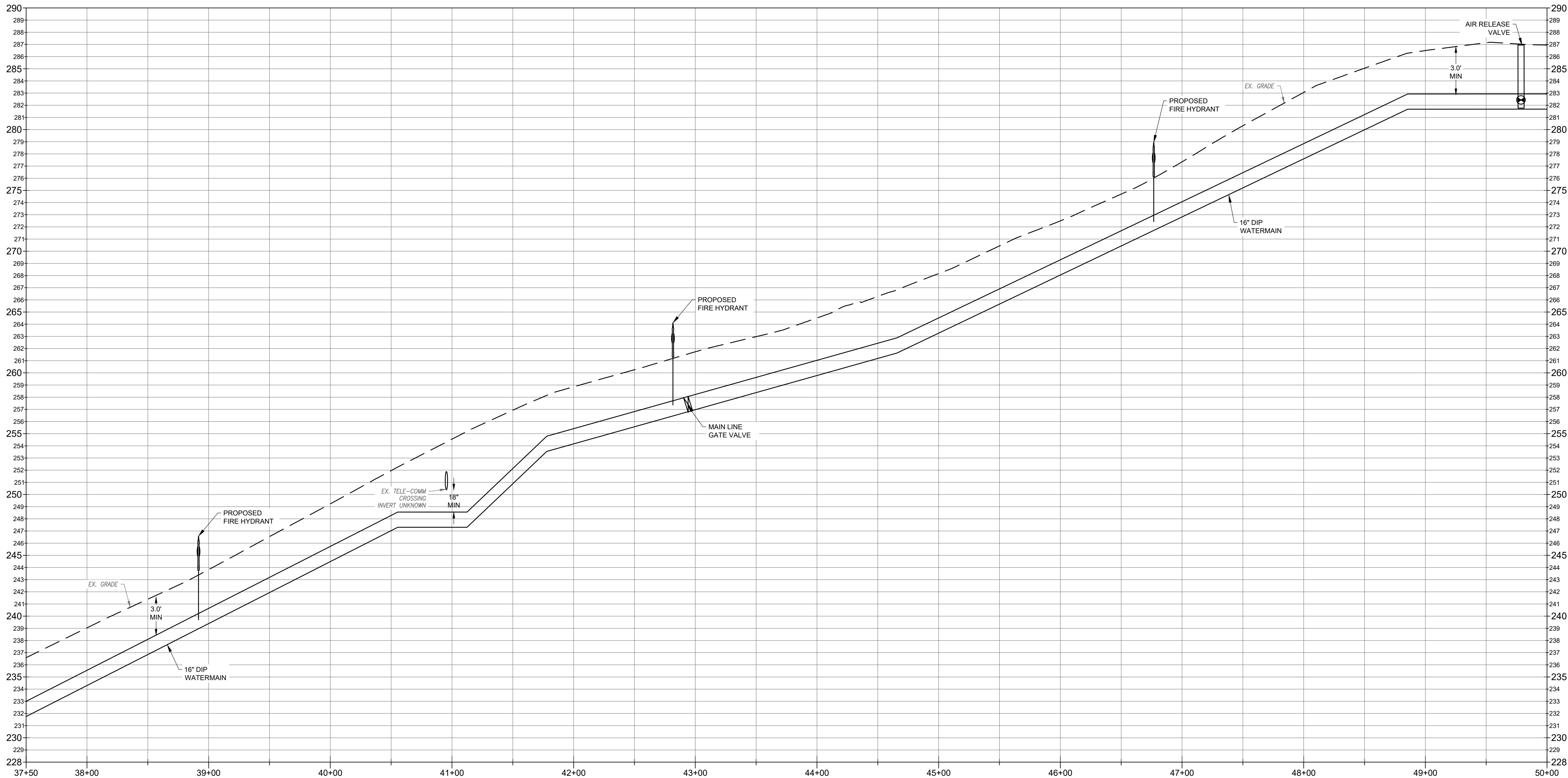
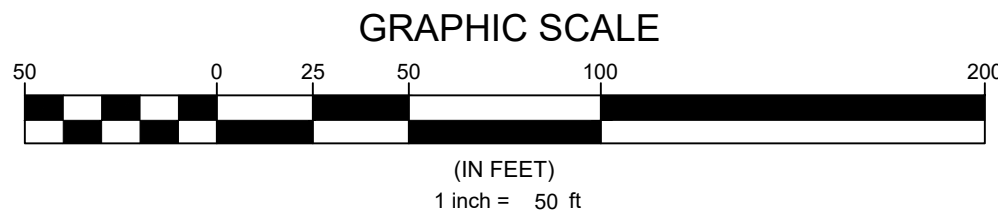
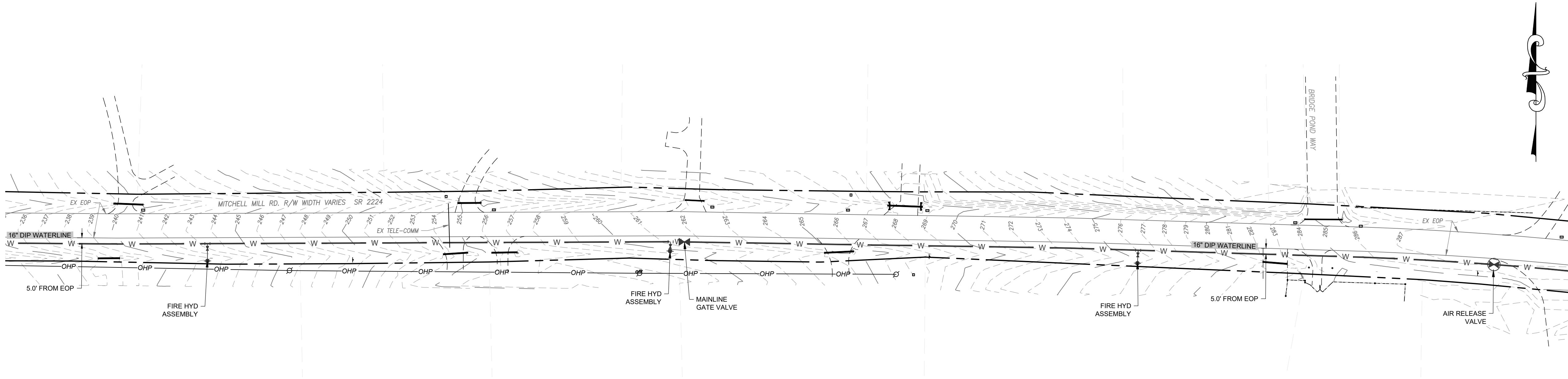
Public
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Public Utilities Department/Permit # _____

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Developer



10030 Green Level Church Rd, Suite 802 #149: Cary, NC 27519

Engineer



INNOVATIVE SOLUTIONS | SUSTAINING THE FUTURE

Firm # F-1517

15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor



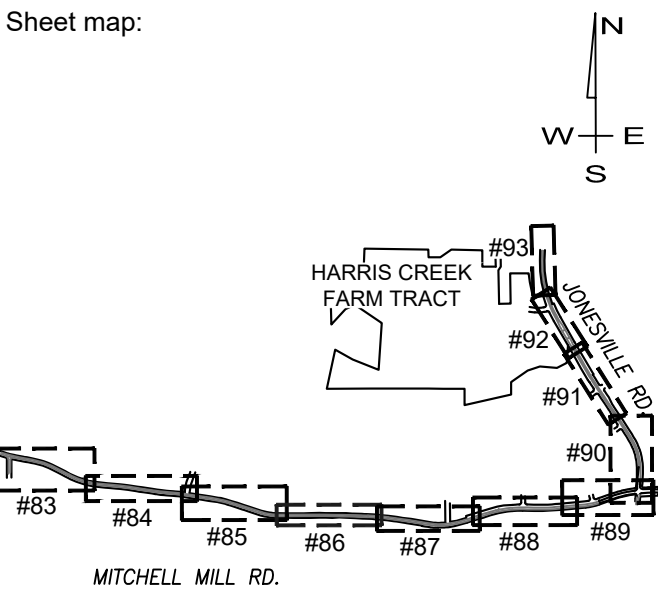
305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
information@strongrockengineering.com

Jurisdiction / Municipality

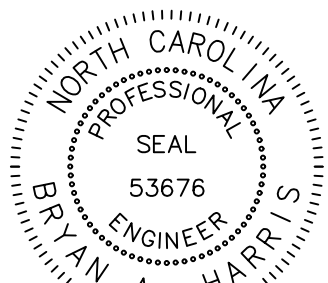
Town of Rolesville
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Rolesville, NC 27571
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Other Consultants

Sheet map:



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Project:

**HARRIS CREEK
FARMS**

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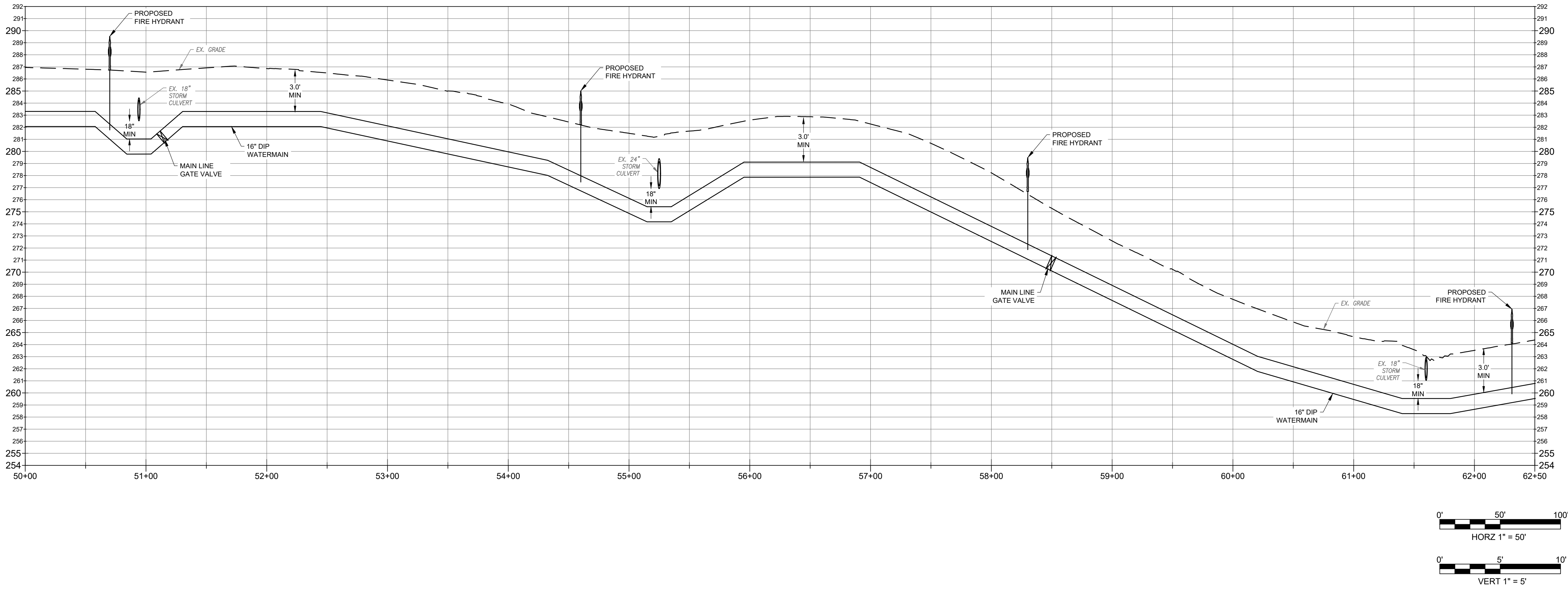
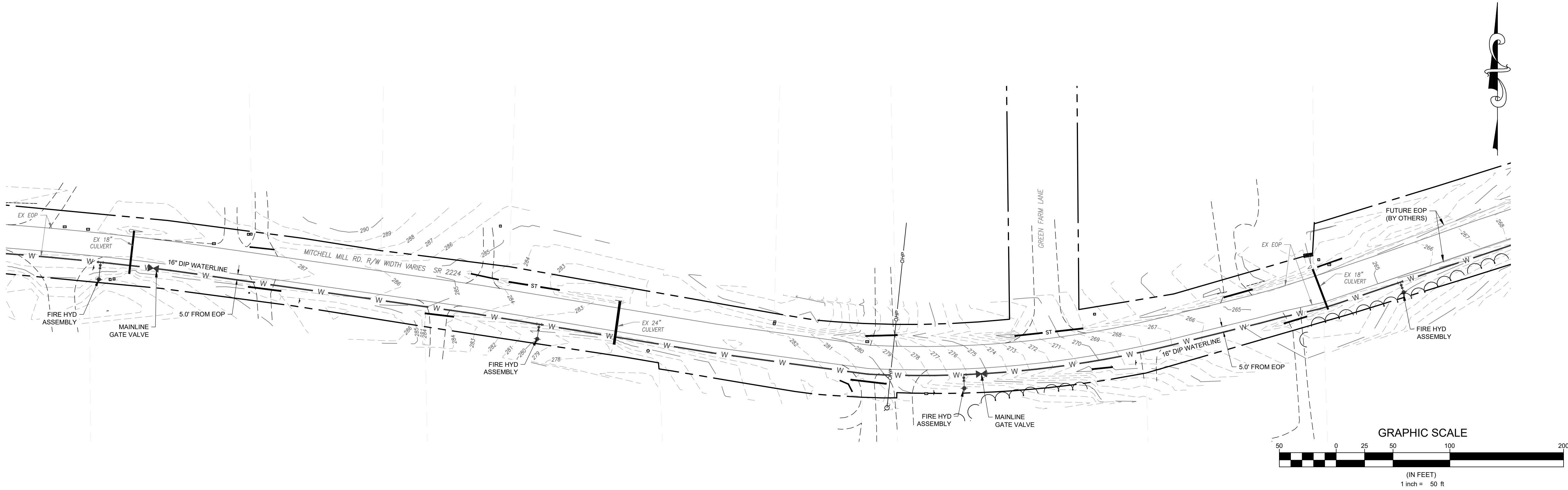
Sheet Title:

**MITCHELL
WATERLINE
37+50 TO 50+00**

Sheet #:

86

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3 DAYS BEFORE DIGGING CALL
TOLL FREE 811 or (800)632-4949
A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

Developer



10030 Green Level Church Rd, Suite 802 #149: Cary, NC 27519

Engineer



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15000 Weston Parkway
Cary, N.C. 27513
(919) 996-9455

Surveyor



305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
Information@strongrockengineering.com

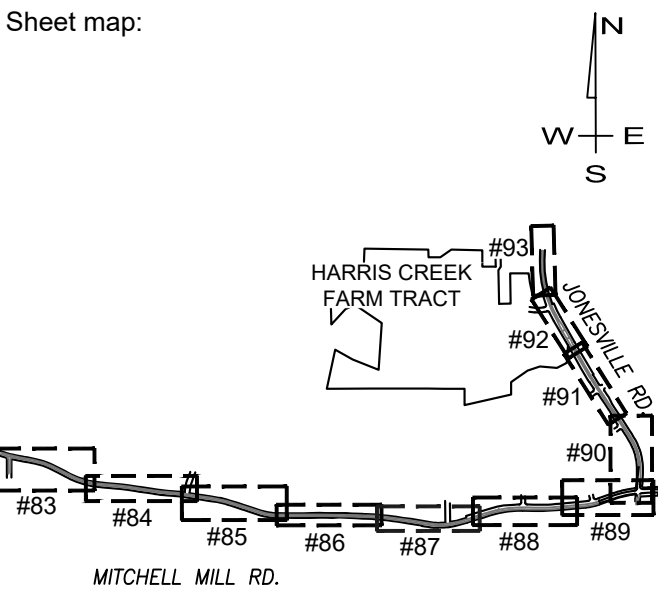
Jurisdiction / Municipality



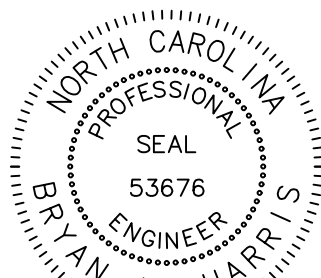
Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517
CID-25-03 (PSP-24-05)

Other Consultants

Sheet map:



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Project:

**HARRIS CREEK
FARMS**

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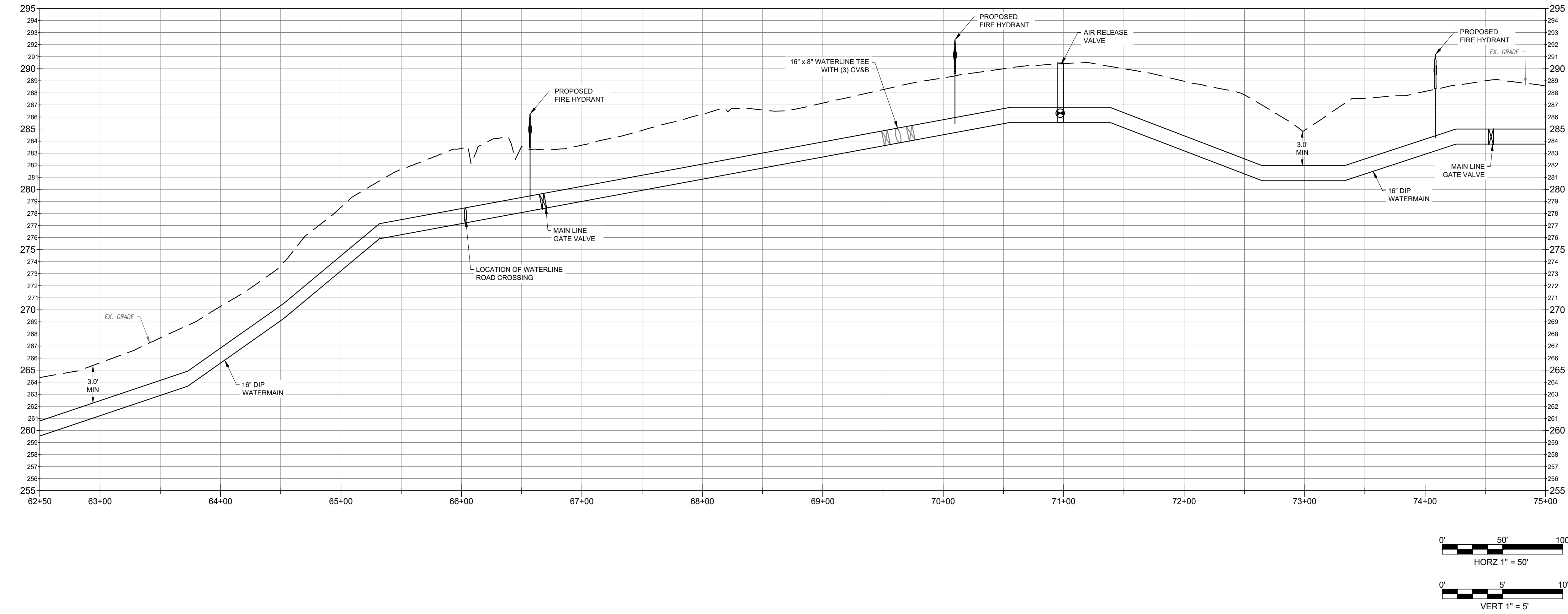
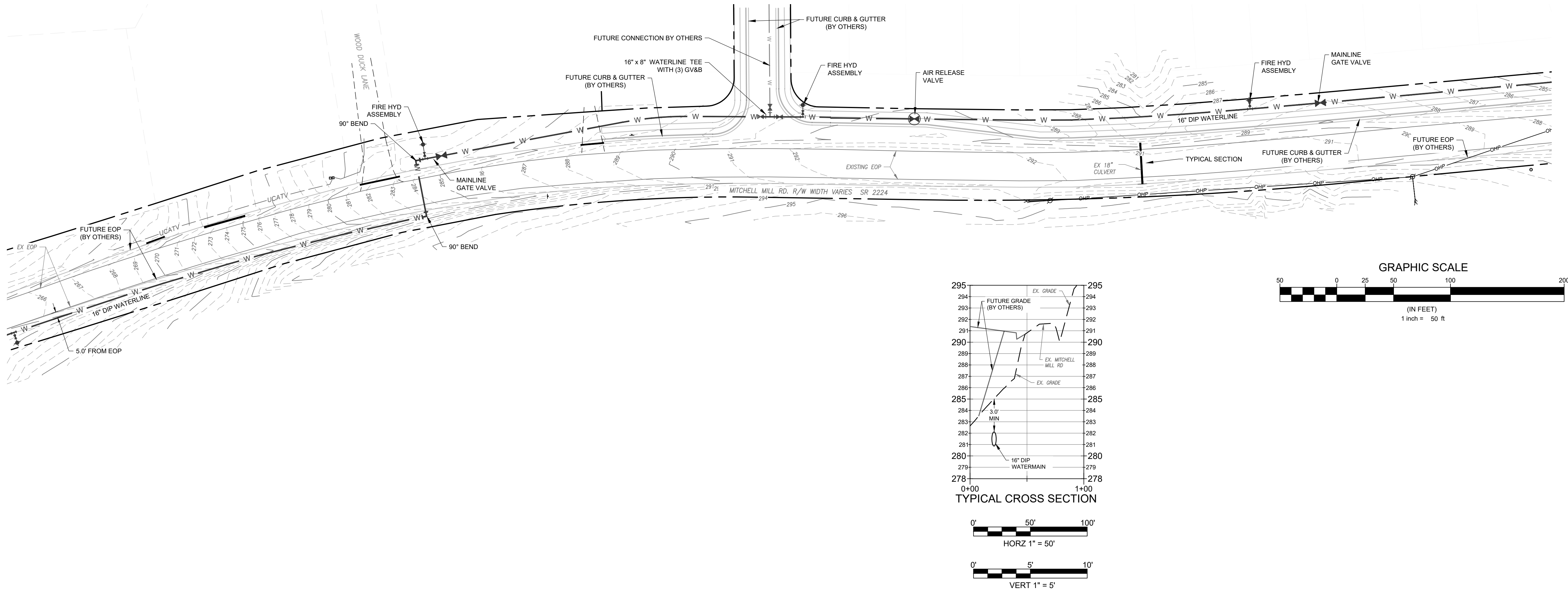
Sheet Title:

**MITCHELL
WATERLINE
50+00 TO 62+50**

Sheet #:

87

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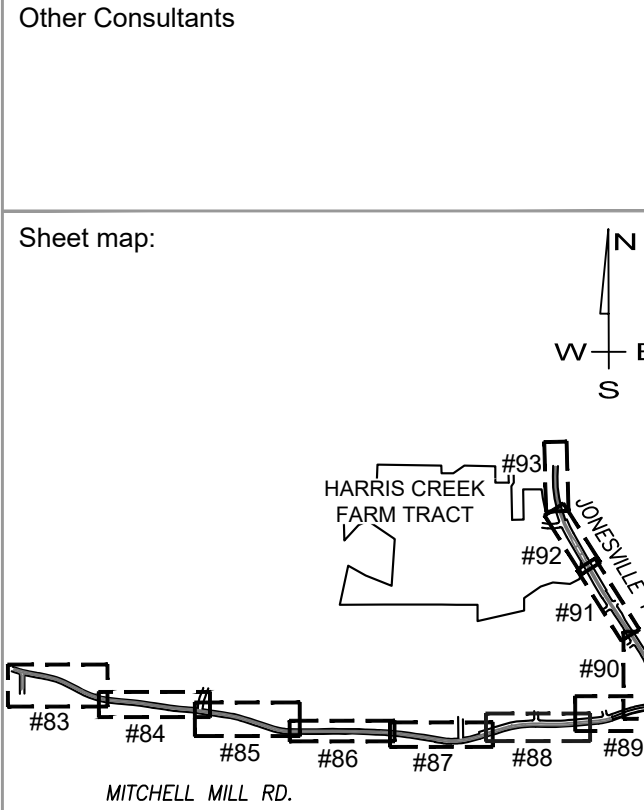


Developer
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Engineer
QUANTECH ENGINEERING
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Surveyor
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Jurisdiction / Municipality
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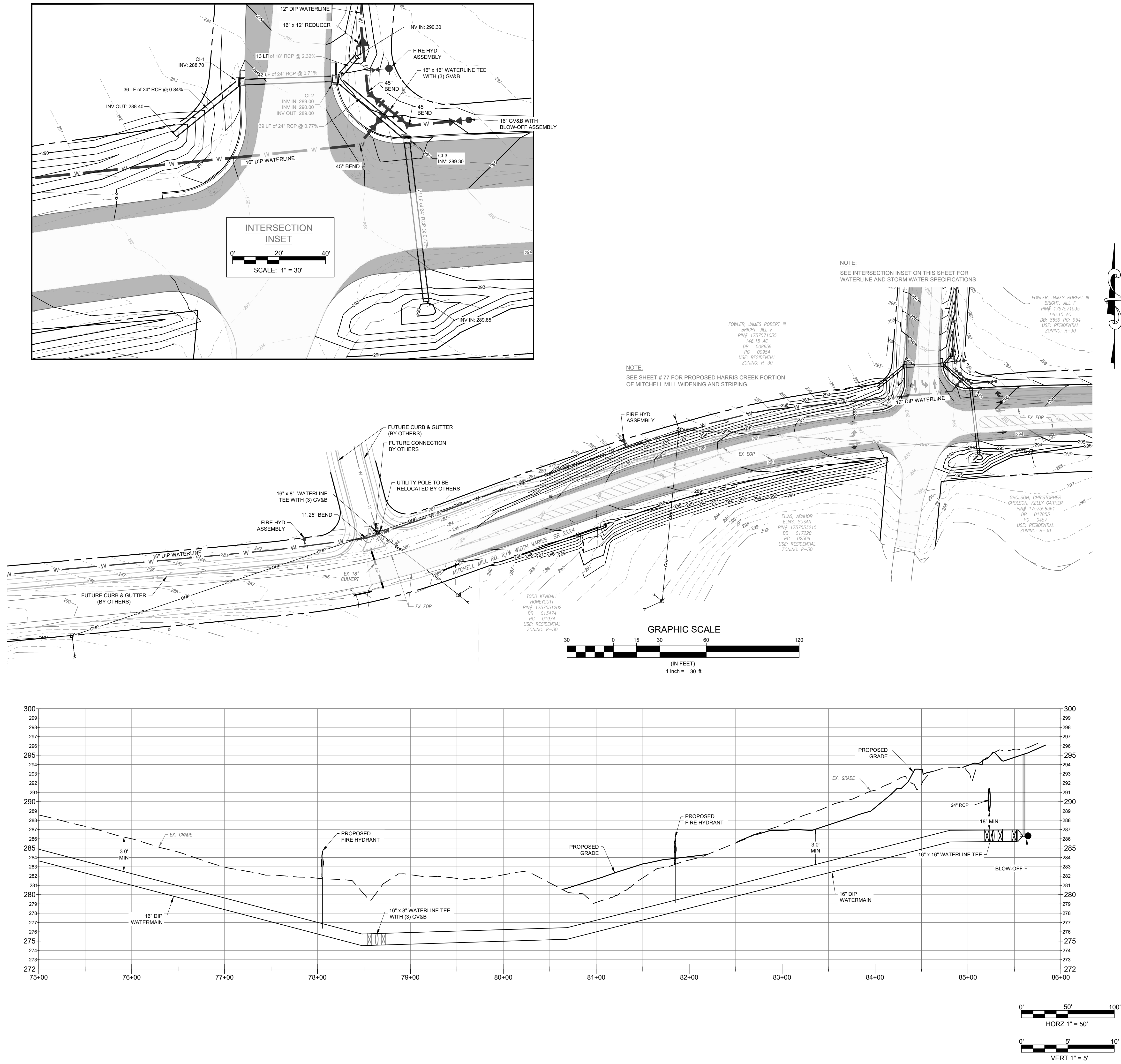
Sheet Title:

MITCHELL WATERLINE 62+50 TO 75+00

Sheet #:

N.C. UNDERGROUND UTILITIES
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Developer



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Engineer



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Surveyor



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984-200-1932
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Jurisdiction / Municipality

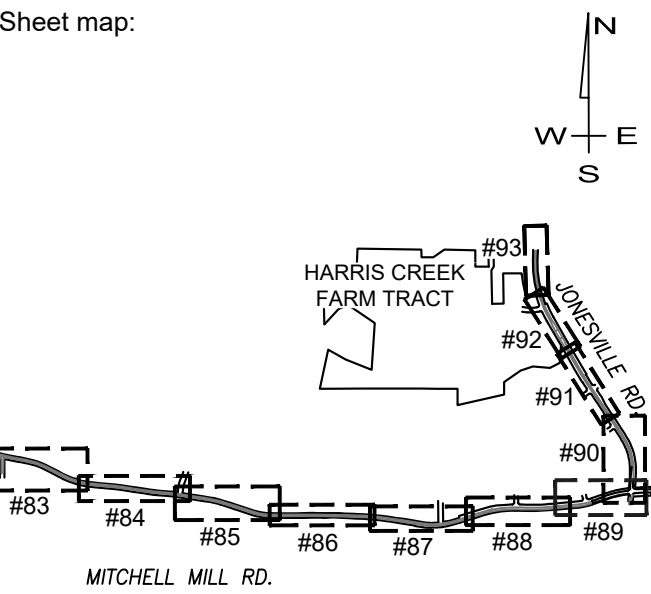


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Phone: 919-554-6517

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Other Consultants

Sheet map:



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Sheet Title:

**MITCHELL
WATERLINE
75+00 TO 84+00**

Sheet #:

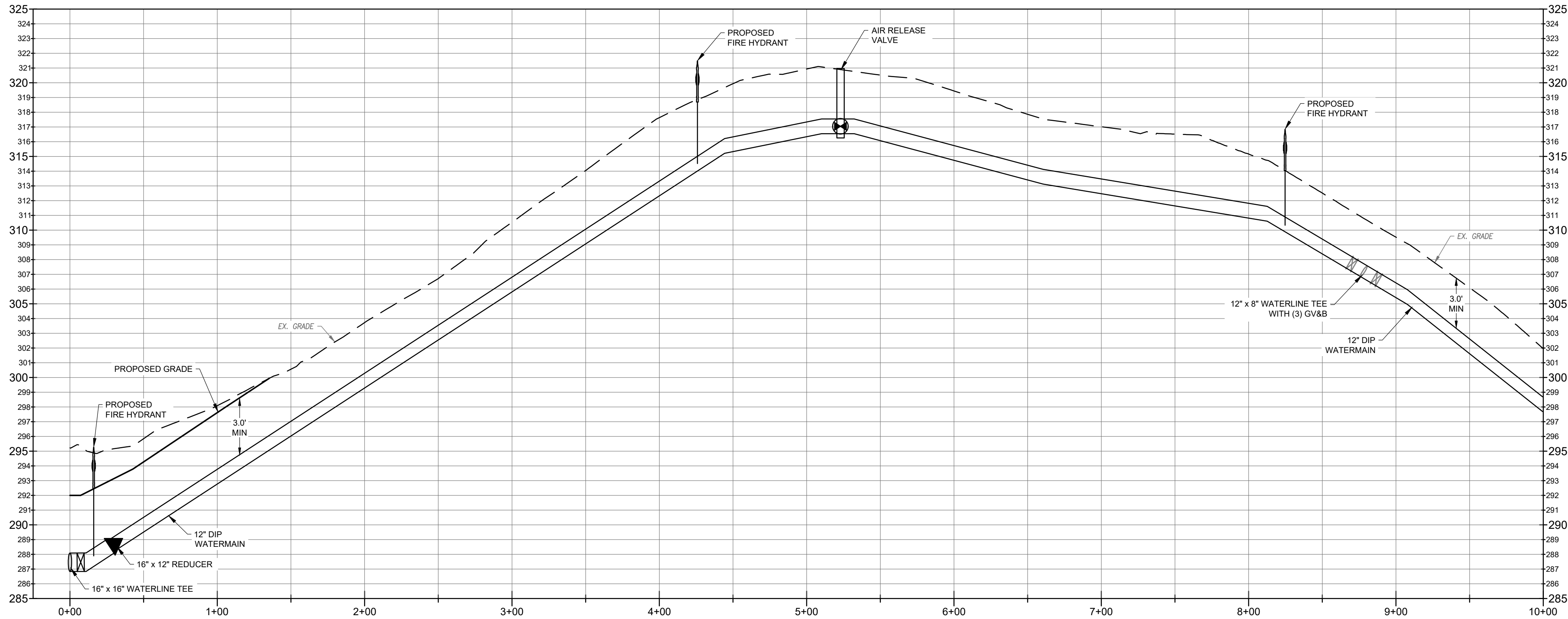
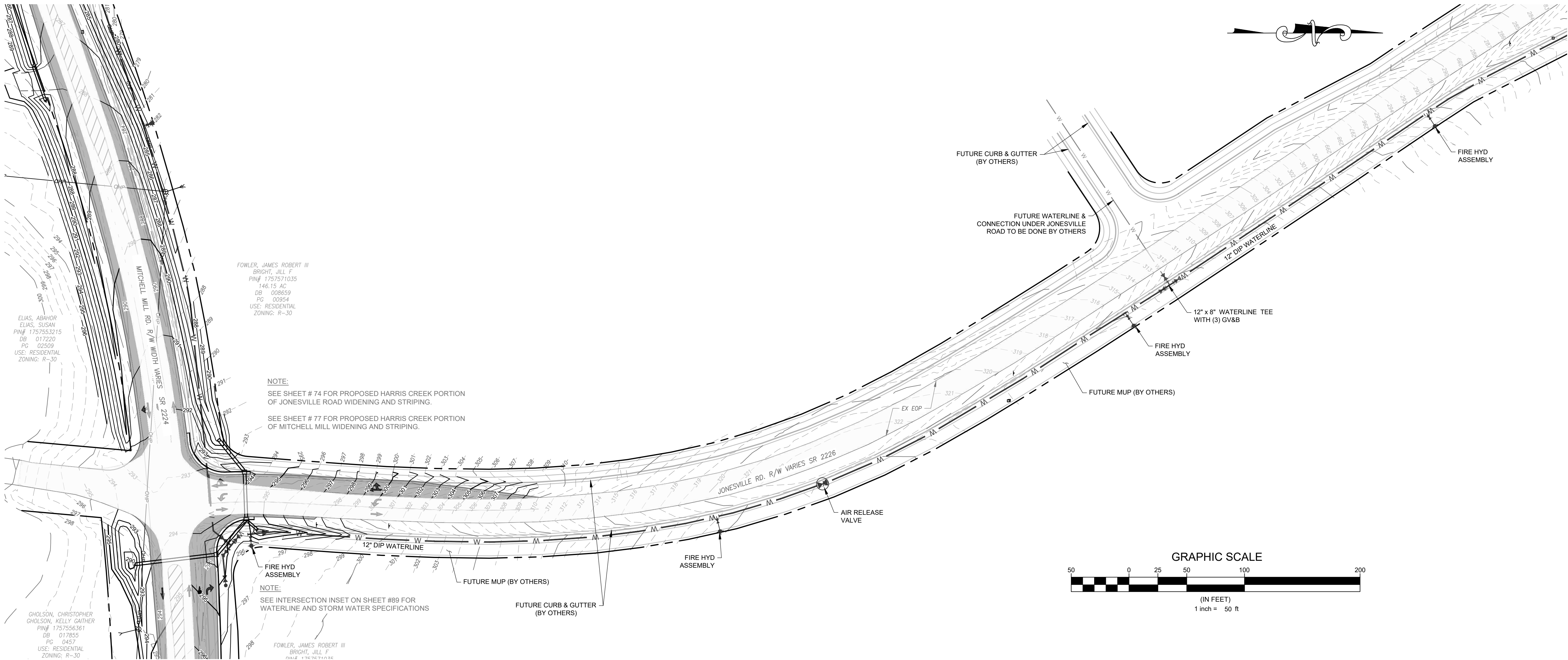
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N.C. UNDERGROUND UTILITIES

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Public
WATER DISTRIBUTION / EXTENSION SYSTEM
The City of Raleigh consents to the connection and extension of the City's public water system as shown on this plan. The material and Construction methods used for this project shall conform to the standards and specifications of the City's Public Utilities Handbook.
City of Raleigh
Public Utilities Department/Permit # _____

Public
SEWER COLLECTION / EXTENSION SYSTEM
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City of Raleigh
Public Utilities Department/Permit # _____

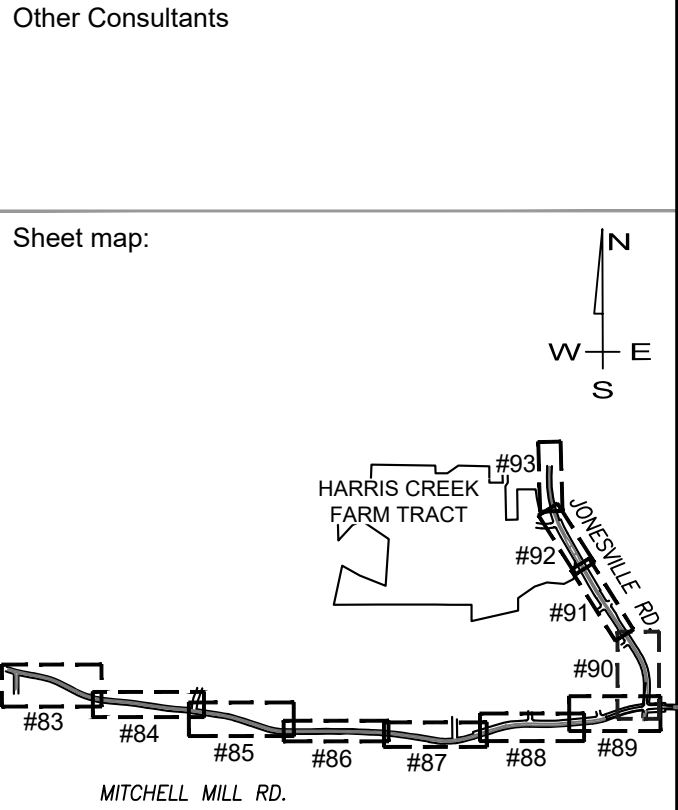
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Developer
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10030 Green Level Church Rd, Suite 802 #149, Cary, NC 27519

Engineer
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Jurisdiction / Municipality
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Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
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Seal:

PROFESSIONAL SEAL
53676
BRYAN A. HARRIS
ENGINEER

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CID-25-03

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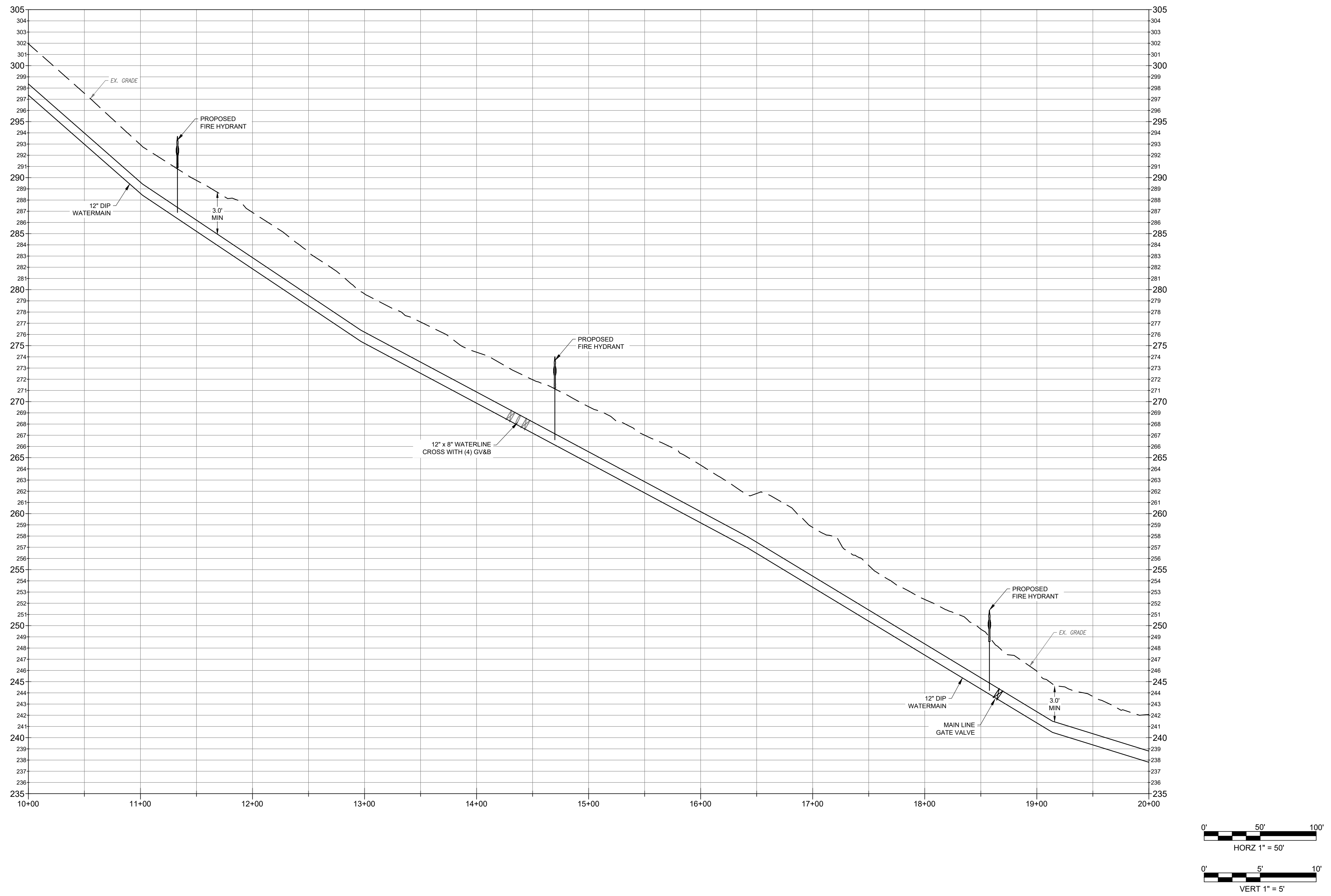
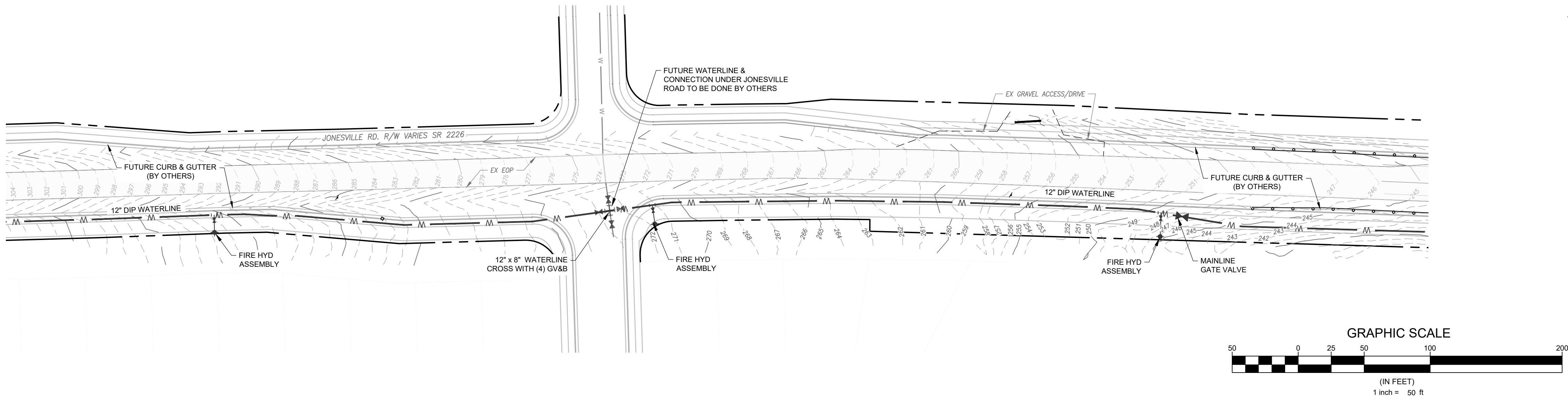
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JONESVILLE RD WATERLINE
0+00 TO 10+00

Sheet #:

90

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Public
WATER DISTRIBUTION / EXTENSION SYSTEM
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City of Raleigh
Public Utilities Department/Permit # _____

Public
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City of Raleigh
Public Utilities Department/Permit # _____

N.C. UNDERGROUND UTILITIES
811
3 DAYS BEFORE DIGGING CALL
TOLL FREE 811 or (800)632-4949
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Developer

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10030 Green Level Church Rd, Suite 802 #149: Cary, NC 27519

Engineer

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984-200-1932
information@strongrockengineering.com

Jurisdiction / Municipality

Rolesville
Serving Communities with Digital Connections
Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517
CID-25-03 (PSP-24-05)

Other Consultants

Sheet map:

Seal:

SEAL
53676
BRYAN A. HARRIS
NORTH CAROLINA PROFESSIONAL ENGINEER

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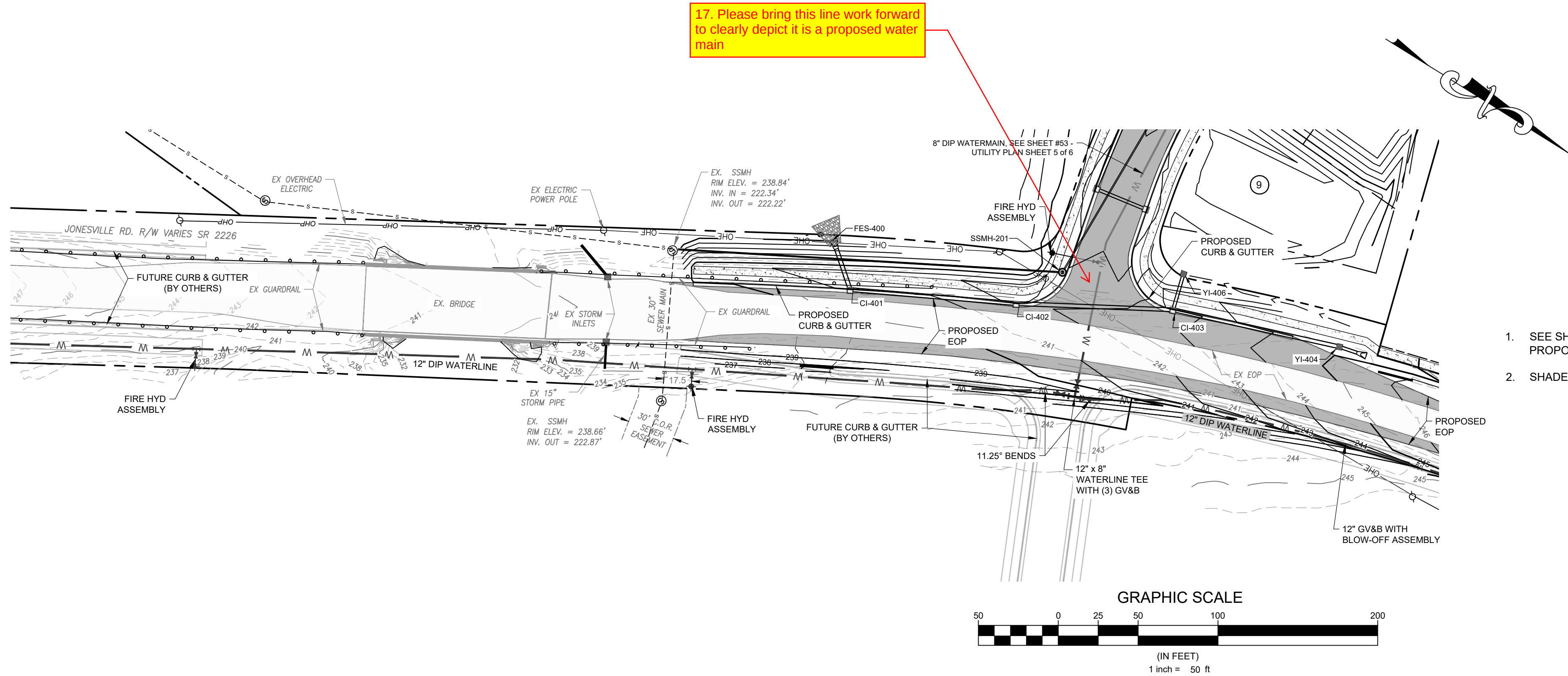
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**JONESVILLE RD
WATERLINE
10+00 TO 20+00**

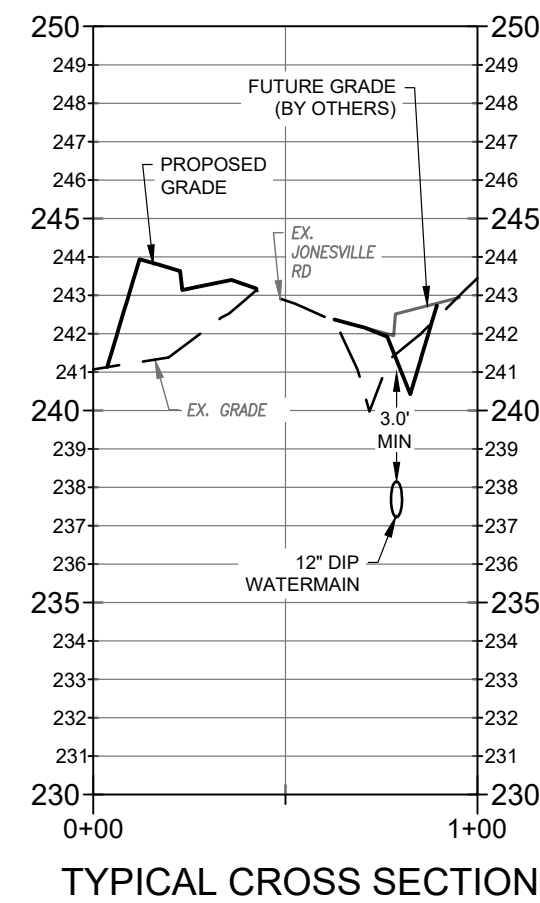
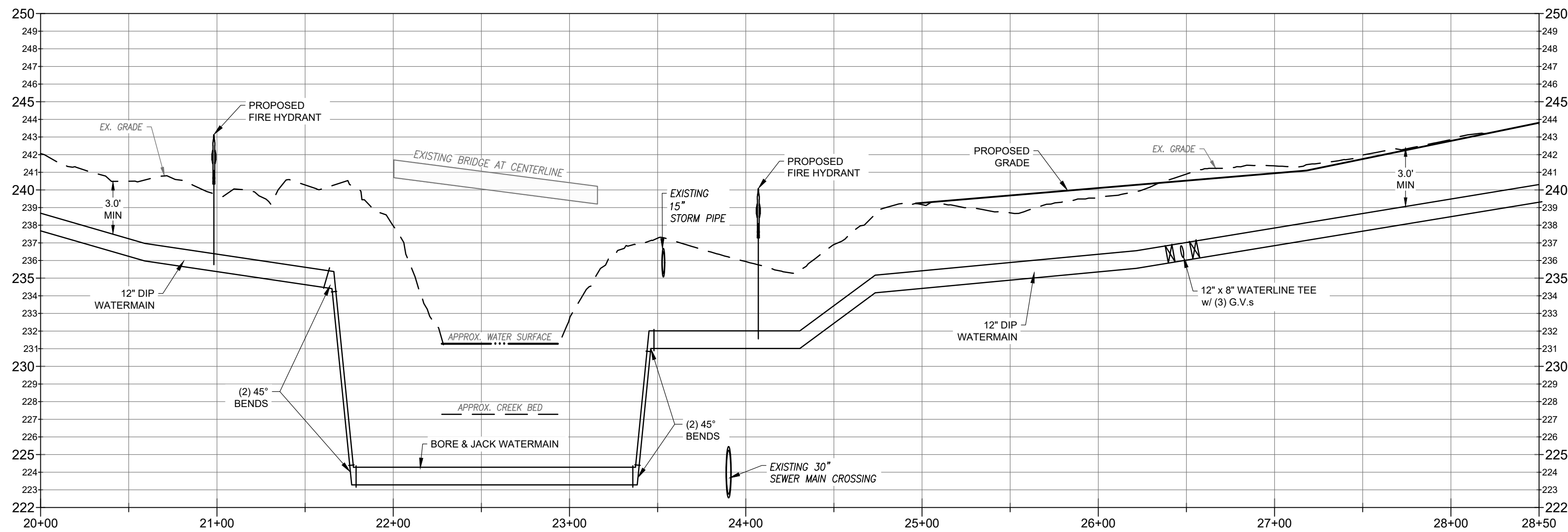
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1. SEE SHEET # 74 - JONESVILLE RD EXISTING CONDITION, ROAD WIDEN & STRIPING PLAN FOR PROPOSED HARRIS CREEK PORTION OF JONESVILLE ROAD WIDENING AND STRIPING.
2. SHADED LINEWORK IS FUTURE DEVELOPMENT BY OTHERS



Public

WATER DISTRIBUTION / EXTENSION SYSTEM

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City of Raleigh
Public Utilities Department/Permit # _____

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City of Raleigh
Public Utilities Department/Permit # _____

N.C. UNDERGROUND UTILITIES

811

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A ONE CALL SYSTEM FOR COMMUNITY AND JOB SAFETY

Developer

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10030 Green Level Church Rd, Suite 802 #149, Cary, NC 27519

Engineer

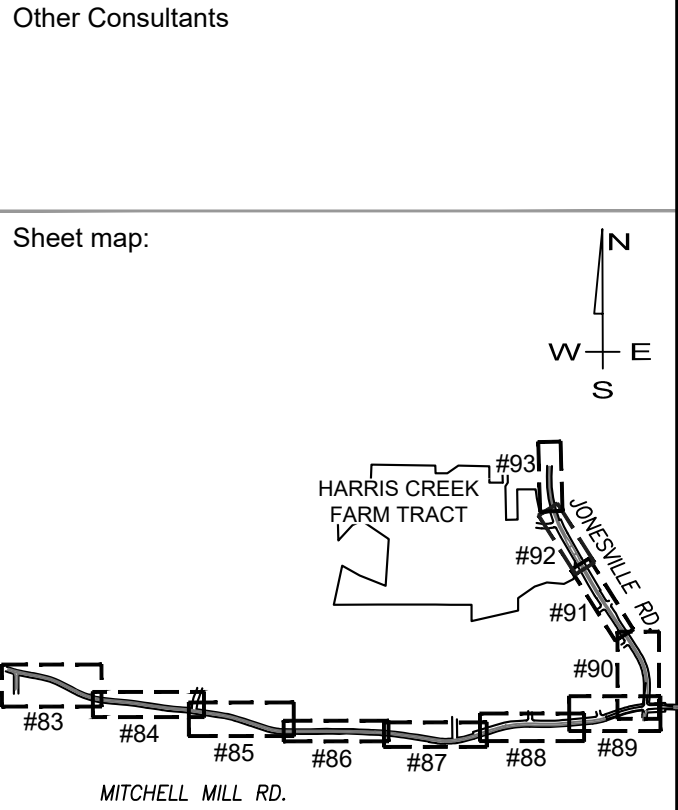
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Cary, N.C. 27513
(919) 996-9455

Surveyor

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305 Church at North Hills Street
Suite 1110 Raleigh, NC 27609
984-200-1932
information@strongrockengineering.com

Jurisdiction / Municipality

Rolesville
Town of Rolesville
502 Southtown Cir
Rolesville, NC 27571
Phone: 919-554-6517
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Seal:

NORTH CAROLINA
PROFESSIONAL SEAL
53676
ENGINEER
BYRON A. HARRIS

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JONESVILLE RD WATERLINE 20+00 TO 30+00

Sheet #:

