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ROLESVILLE CROSSING

RECORD DRAWINGS - PHASE 1

ROLESVILLE PROJECT # CD 21-08
1801 ROLESVILLE RD
ROLESVILLE, NORTH CAROLINA 27587
WAKE COUNTY

OWNERS:
LENNAR CAROLINAS, LLC
1100 PERIMETER PARK DR, SUITE 112
MORRISVILLE, NC 27560
PH: (919) 465-5900

DEVELOPER:
LENNAR CAROLINAS, LLC
1100 PERIMETER PARK DR, SUITE 112
MORRISVILLE, NC 27560
PH: (919) 465-5900

CIVIL ENGINEER:
TIMMONS GROUP
PATRICK BARBEAU, P.E.
5410 TRINITY ROAD; SUITE 102
RALEIGH, NC 27607
PH: (919) 866-4512
PATRICK.BARBEAU@TIMMONS.COM

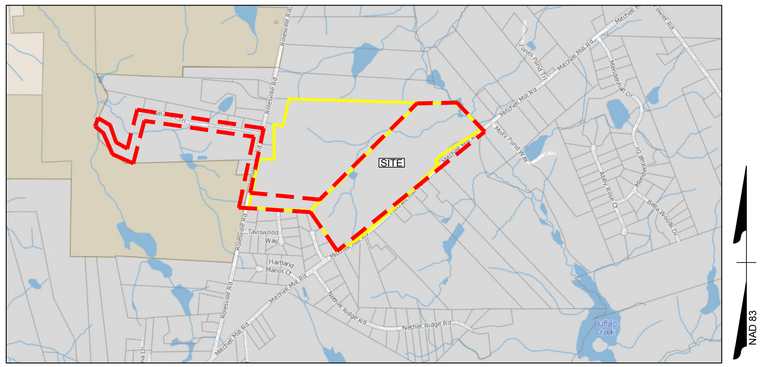
SURVEYOR:
TIMMONS GROUP
TERRY WESTENDORF, PLS
5410 TRINITY ROAD; SUITE 102
RALEIGH, NC 27607
PH: (984) 255-2353
TERRY.WESTENDORF@TIMMONS.COM
(BOUNDARY ONLY)

BUFFER/WETLAND:
SOIL AND ENVIRONMENTAL CONSULTANTS, PA
STEVEN BALL, RF, PWS
8412 FALLS OF NEUSE ROAD, SUITE 104
RALEIGH, NC 27615
PH: (919) 846-5900
SBALL@SANDEC.COM

ROSEVILLE CROSSING AS-BUILT INFO

SITE DATA TABLE

PROJECT NAME:	WHEELER TRACT
APPLICANT/ PROPERTY OWNER:	LENNAR CAROLINAS, LLC.
PIN(S):	1767-48-3143 (46.8 AC) 1767-58-6083 (44.59 AC)
DEED REFERENCE:	DB: 019586 PG: 00410 - 00414 DB: 019586 PG: 00402 - 00409
PLAT REFERENCE:	BM1998-01776 FORCE MAIN PLAT: BM2023 PG 1009 & 1010
PROPERTY ADDRESS:	1801 ROLESVILLE RD ROLESVILLE, NC 27587
EXISTING ZONING:	R-3-CZ
CURRENT USE:	RESIDENTIAL
PROPOSED USE:	RESIDENTIAL
UNIT COUNT:	SINGLE FAMILY: 177 TOWNHOUSE: 120
TOTAL PROJECT AREA:	91.01 AC AFTER R/W DEDICATION
PROPOSED NEW PUBLIC R/W DEDICATION:	ROLESVILLE ROAD: 1/2 OF 100' R/W
	MITCHELL MILL ROAD: 1/2 OF 110' PER TOWN
	INTERNAL ROADS: 50' AND 60' AND 63' R/W
WATERSHED:	BUFFALOE CREEK
RIVER BASIN:	NEUSE
DISTURBED AREA:	TOTAL: 90.1 AC SINGLE FAMILY RESIDENTIAL: 71.2 AC TOWN HOME COMMERCIAL: 18.9 AC



VICINITY MAP
1" = 1000'

Sheet List Table

Sheet Number	Sheet Title
ASB0.0	COVER - AB
ASB2.0	OVERALL SITE PLAN - AB
ASB2.5	PHASING PLAN - AB
ASB2.9	BRUNSWICK DRIVE PLAN & PROFILE - AB
ASB2.10	BRUNSWICK DRIVE PLAN & PROFILE - AB
ASB2.11	CARTERET DRIVE PLAN & PROFILE - AB
ASB2.12	CARTERET DRIVE PLAN & PROFILE - AB
ASB2.16	DARE DRIVE PLAN & PROFILE - AB
ASB2.17	DARE DRIVE PLAN & PROFILE - AB
ASB2.18	DARE DRIVE PLAN & PROFILE - AB
ASB2.19	DARE DR PLAN & PROFILE - AB
ASB2.22	CATAWBA PLAN & PROFILE - AB
ASB2.23	CALDWELL DRIVE PLAN & PROFILE - AB
ASB2.24	DAVIE DRIVE PLAN & PROFILE - AB
ASBW2.0	UTILITY PLAN - WATER - AB
ASBW2.1	DETAILED UTILITY PLAN - WATER - AB
ASBW2.2	DETAILED UTILITY PLAN - WATER - AB
ASBW2.3	DETAILED UTILITY PLAN - WATER - AB
ASBW2.4	DETAILED UTILITY PLAN - WATER - AB
ASB3.0	OVERALL GRADING AND DRAINAGR PLAN - AB
ASB3.5	STORM SCHEDULE - AB
ASB3.6	STORM SCHEDULE - AB
ASB3.7	STORM SCHEDULE - AB
ASB3.8	STORM OUTFALL PROFILES - AB
ASB3.9	STORM OUTFALL PROFILES - AB
ASB5.0	UTILITY PLAN - SEWER - AB

Sheet List Table

Sheet Number	Sheet Title
ASB5.1	DETAILED UTILITY PLAN - SEWER - AB
ASB5.2	DETAILED UTILITY PLAN - SEWER - AB
ASB5.3	DETAILED UTILITY PLAN - SEWER - AB
ASB5.4	DETAILED UTILITY PLAN - SEWER - AB
ASB5.5	SANITARY SEWER SCHEDULE - AB
ASB5.6	SANITARY SEWER OUTFALL PLAN & PROFILE - AB
ASB5.7	MITCHELL MILL FORCE MAIN PLAN AND PROFILE - AB
ASB5.8	MITCHELL MILL AND ROLESVILLE FORCE MAIN PLAN AND PROFILE - AB
ASB5.9	MULBERRY TREE DRIVE FORCE MAIN PLAN AND PROFILE - AB
ASB5.10	MULBERRY TREE DRIVE FORCE MAIN PLAN AND PROFILE - AB
ASB5.11	TANSLEY CREST LOOP FORCE MAIN PLAN AND PROFILE - AB
ASB5.12	MITCHELL MILL WATER MAIN PLAN AND PROFILE - AB
ASB5.13	MITCHELL MILL WATER MAIN PLAN AND PROFILE - AB
ASBR1.00	OFFSITE IMPROVEMENTS COVER - AB
ASBR3.02	OFFSITE GRADING AND PROFILE - AB
ASBR4.02	OFFSITE GRADING AND PROFILE - AB
ASBR5.02	OFFSITE GRADING AND PROFILE - AB
ASBPS100	PUMP STATION SITE LAYOUT - AB
ASBPS101	PUMP STATION LAYOUT AND SECTIONS - AB
ASB10.0	WATER SURVEY POINTS - AB
ASB10.1	SANITARY SEWER SURVEY POINTS - AB
ASB10.2	STORM SURVEY POINTS - AB
ASB10.3	STORM SURVEY POINTS - AB
ASB10.4	FORCEMAIN SURVEY POINTS - AB

RECORD LEGEND

~~00.00~~ DESIGN INFORMATION
00.00 RECORD INFORMATION

RECORD DRAWING

THIS PLAN DEPICTS THE ORIGINAL DESIGN REVISED TO INCLUDE ALL CONSTRUCTION PHASE REVISIONS AND AS-BUILT INFORMATION PROVIDED.

RECORD DRAWING SURVEY INFORMATION PROVIDED TO TIMMONS GROUP BY BALLENTINE ACCOSIATES, PA, DATED 12/15/2025.

AS-BUILT LEGEND

- WV — WATER VALVE
- WATER SERVICE
- FIRE HYDRANT
- WMB — WATER MARKER BALL
- SMB — SEWER MARKER BALL
- FMB — FORCEMAIN MARKER BALL
- CO — SANITARY SERVICE CLEANOUT
- S — SANITARY SEWER MANHOLE
- SANITARY SEWER- ARV
- BLOWOFF VALVE ASSEMBLY
- AS BUILT IMPROVEMENTS

*STRUCTURE SYMBOLS ARE NOT TO SCALE AND MAY APPEAR LARGER ON SOME SHEETS.

KNOW WHAT'S BELOW.
CALL 811 BEFORE YOU DIG.

S:\3232\43398-Wheeler_Tract\DWG\Sheet\ASBUILT\CAD\43398C-COVR.dwg | Plotted on 12/16/2025 3:02 PM | by Christopher Hair

Signed by: Jonathan Smith 2853D7A4A2E74F8...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

THIS DRAWING PREPARED AT THE
RALEIGH OFFICE
5410 Trinity Road, Suite 112 | Raleigh, NC 27607
TEL 919.866.4951 FAX 919.833.8124 www.timmons.com

YOUR VISION ACHIEVED THROUGH OURS.

DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND UTILITY ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
COVER - AB

JOB NO. 43398
SHEET NO. ASB0.0

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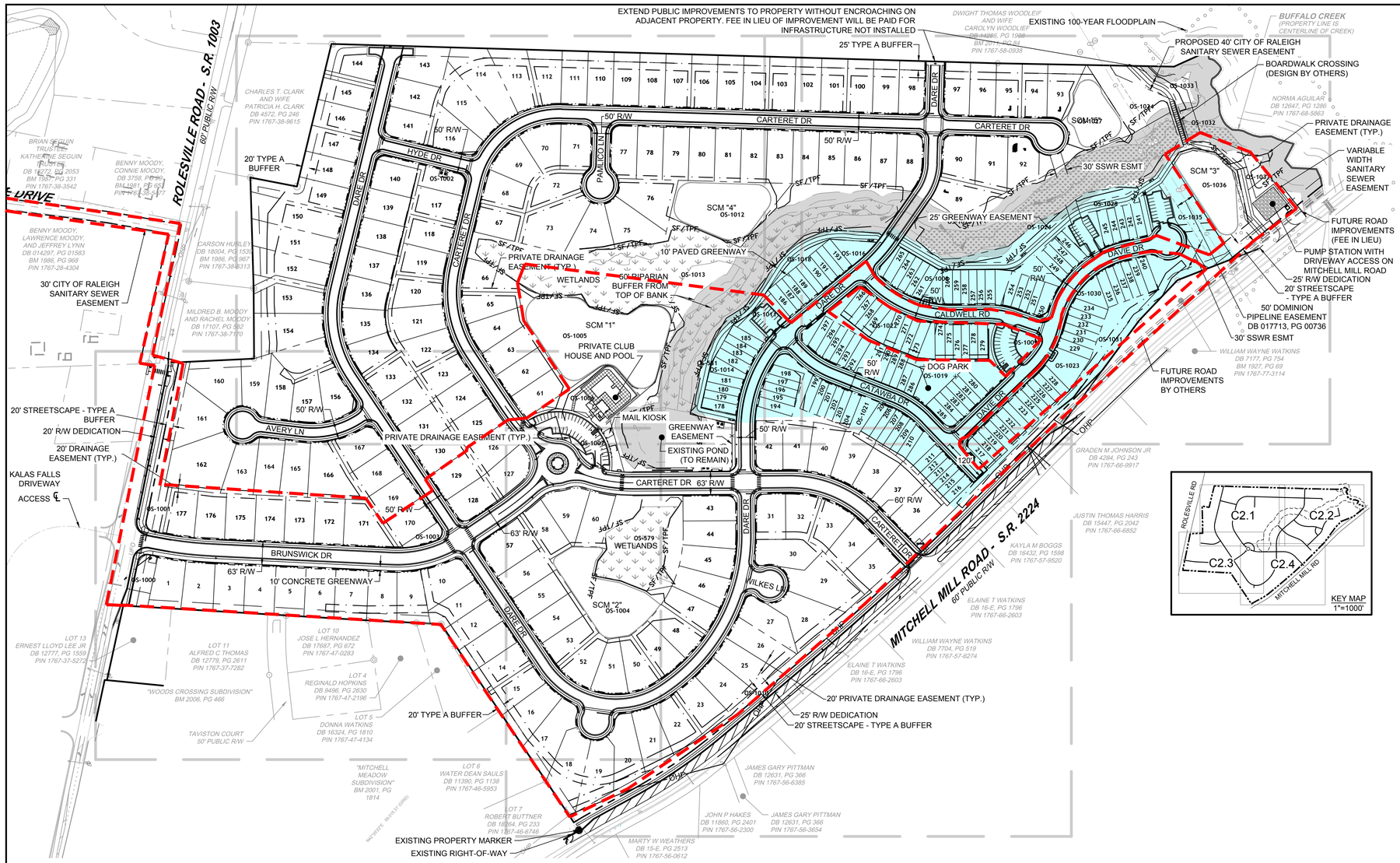
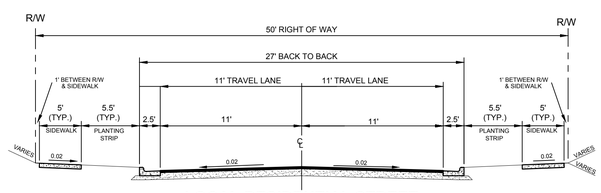


SITE LAYOUT NOTES

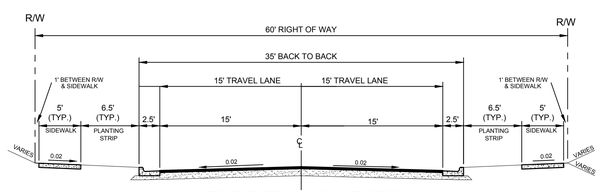
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ROLESVILLE AND NCDOT STANDARDS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVING, BUILDING WALL FACE OR PROPERTY LINE UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, UTILITIES AND GRADES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY EXISTING DISCREPANCIES PRIOR TO COMMENCING ANY RELATED CONSTRUCTION.
4. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION OR EXCAVATION THE CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) TO HAVE EXISTING UTILITIES LOCATED.
5. PARKING SPACES ARE 9' WIDE X 18' LONG MINIMUM EXCEPT HANDICAP SPACES WHICH ARE 8.0' WIDE MINIMUM WITH 8.0' VAN ACCESS AND 5.0' STANDARD ACCESS AISLES.
6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF THE BUILDING(S).
7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DIMENSIONAL CONFLICTS PRIOR TO THE BEGINNING OF CONSTRUCTION.
8. ALL CURB AND GUTTER IN THE PUBLIC RIGHT OF WAY SHALL BE 30" WIDE.
9. ALL DISTURBED CURB & GUTTER AND ASPHALT SHALL BE REPLACED PER TOWN OF ROLESVILLE OR NCDOT STANDARDS AND SPECIFICATIONS.
10. ALL DRIVEWAY DESIGN AND CONSTRUCTION MUST COMPLY WITH TOWN OF ROLESVILLE. DRIVEWAYS SHALL BE PERMITTED SEPARATELY.
11. NO SIGHT OBSTRUCTING OR PARTIALLY OBSTRUCTING WALL, FENCE, FOLIAGE, BERMING, PARKED VEHICLES OR SIGN BETWEEN THE HEIGHTS OF TWENTY-FOUR (24) INCHES AND EIGHT (8) FEET ABOVE THE CURB LINE ELEVATION, OR THE NEAREST TRAVELED WAY IF NO CURBING EXISTS, SHALL BE PLACED WITHIN A SIGHT TRIANGLE OF A PUBLIC STREET, PRIVATE STREET OR DRIVEWAY CONTAINED EITHER ON THE PROPERTY OR ON AN ADJOINING PROPERTY.
12. PRIVATE CLUB HOUSE AND POOL AREA REQUIRES SEPARATE SITE PLAN APPROVAL PROCESS THROUGH TOWN OF ROLESVILLE.
13. SUBDIVISION STREET NAMES PENDING WAKE COUNTY APPROVAL.
14. REFER TO SHEET C0.0 FOR SETBACK TABLE FOR SINGLE FAMILY AND TOWNHOMES.

TOWNHOUSE AREA (15.00 ACRES)

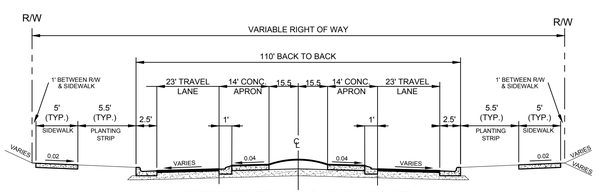
ROSEVILLE CROSSING AS-BUILT INFO



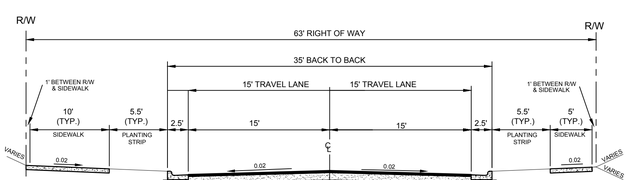
LOCAL RESIDENTIAL STREET
(50' PUBLIC R/W)



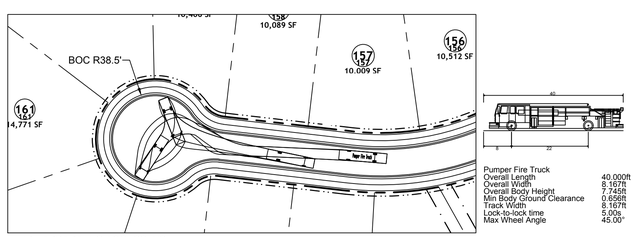
RESIDENTIAL COLLECTOR
(60' PUBLIC R/W)



RESIDENTIAL ROUNDABOUT



RESIDENTIAL COLLECTOR WITH GREENWAY
(63' PUBLIC R/W)



FIRE APPARATUS ACCESS INSET
SCALE: 1" = 60'

NAD 83

SCALE 1"=150'
0 150' 300'

Signed by: Jonathan Smitter
2B53D1A4E4E4E4...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

OVERALL SITE PLAN - AB

JOB NO. 43398
SHEET NO. ASB2.0

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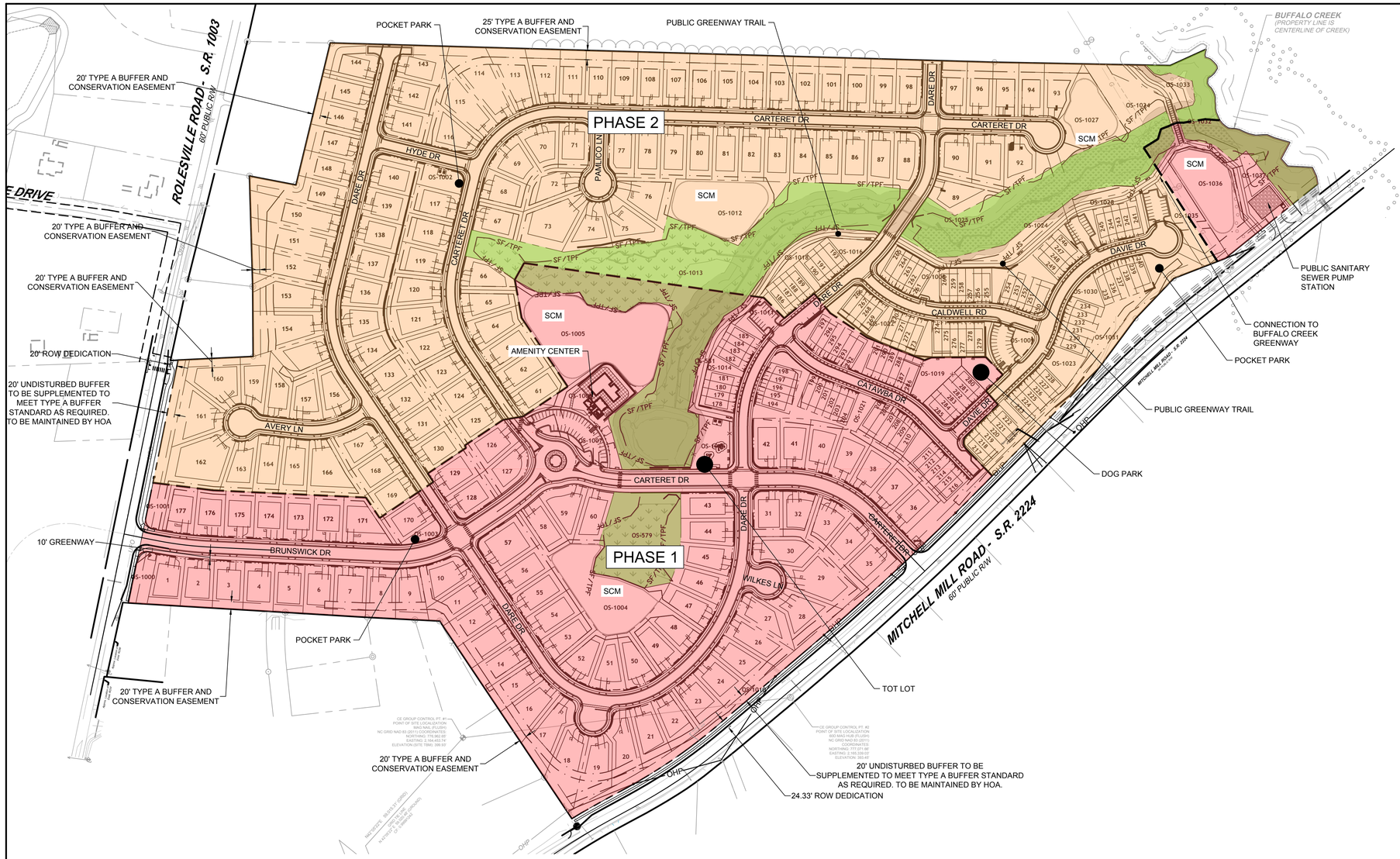

PHASE LEGEND	
HATCH	DESCRIPTION
	PHASE 1
	PHASE 2

LOT DATA TABLE

PHASE	1	2
NUMBER OF LOT(S)	297	
LOT NUMBER(S) BY PHASE	1-60, 126-129, 170-185, 194-216, 280-297	61-125, 130-169, 186-193, 217-279
NUMBER OF SINGLE FAMILY UNITS	72	105
NUMBER OF TOWNHOME UNITS	49	71

SCALE 1"=150'
0 150' 300'

Signed by: Jonathan Smith 2B53[illegible]

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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08-17-2023	GRADING AND STORM NETWORK REVISIONS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

PHASING PLAN - AB

JOB NO. 43398
SHEET NO. ASB2.5

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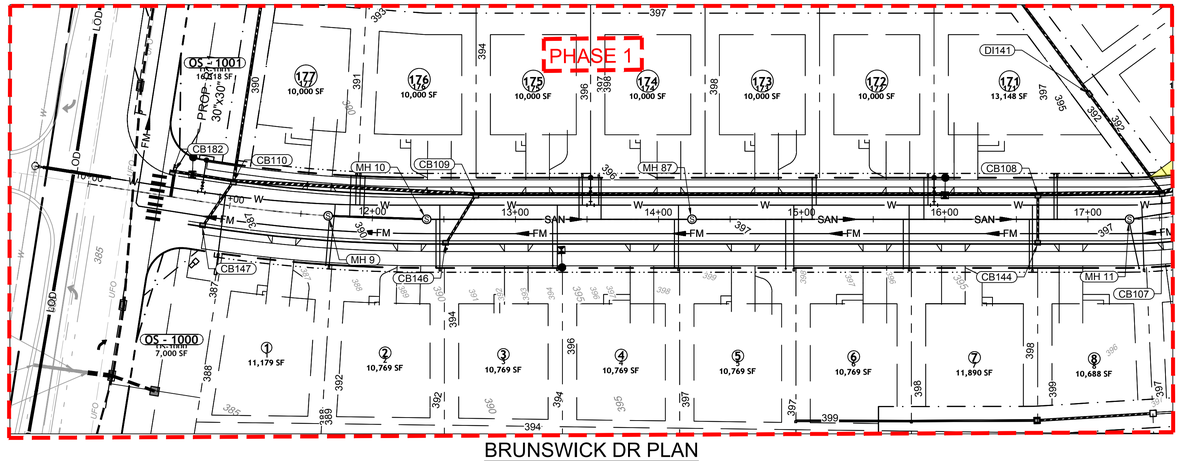
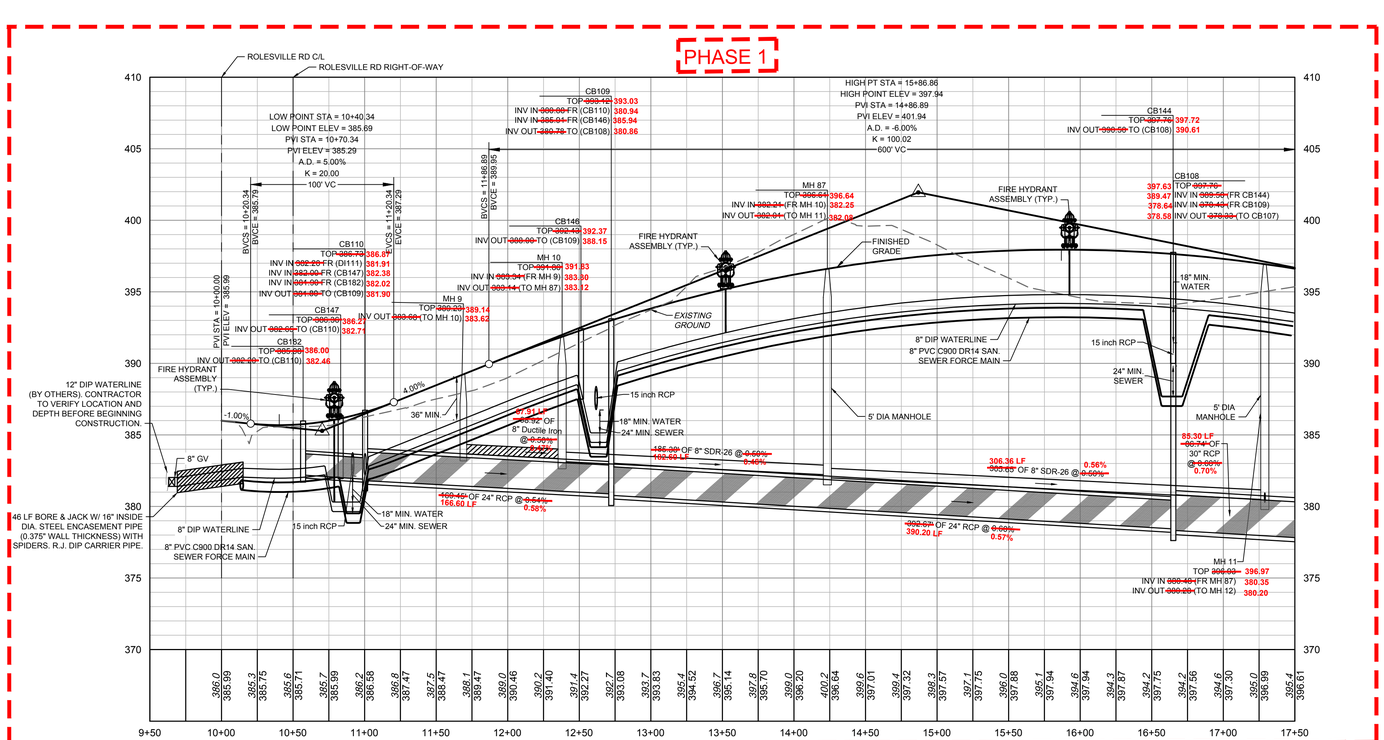
ROSEVILLE CROSSING AS-BUILT INFO



BRUNSWICK DR PLAN
VIEW
STA 10+00 - 17+50



BRUNSWICK DR
PROFILE
STA 10+00 - 17+50

NOTE: ANY SEWER DEEPER THAN 12' REQUIRES SDR-26 OR DIP SEWER PIPE AND 5' DIAMETER MANHOLES. SEWER DEEPER THAN 20' REQUIRES 6' DIAMETER MANHOLES AND DIP SEWER PIPE.

SEWER MAIN MATERIAL:

PVC SDR35	MIN. 3' TO 12' NON-TRAFFIC AREA; MIN. 5' TO 12' TRAFFIC AREA
PVC SDR26	12'-20' TRAFFIC AND NON-TRAFFIC AREAS
DIP	MIN. 3' TO 5' TRAFFIC AREA (CLASS 1 BEDDING); GREATER THAN 20' WITH DIRECTOR APPROVAL

ATTENTION CONTRACTORS

*THE **CONSTRUCTION CONTRACTOR** RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR **CONTACTING** THE **PUBLIC WORKS DEPARTMENT** at **(919) 996-2409**, AND THE **PUBLIC UTILITIES DEPARTMENT** AT **(919) 996-4540** AT LEAST **TWENTY FOUR HOURS** PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.*

***FAILURE** TO NOTIFY BOTH **CITY DEPARTMENTS** 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**.*

KNOW WHAT'S BELOW.
CALL 811 BEFORE YOU DIG.

Signed by: Jonathan Smitter 2B53D1A1A1A1A1A...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

12/17/2025

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DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
BRUNSWICK DRIVE PLAN & PROFILE - AB

JOB NO.
43398

SHEET NO.
ASB2.9

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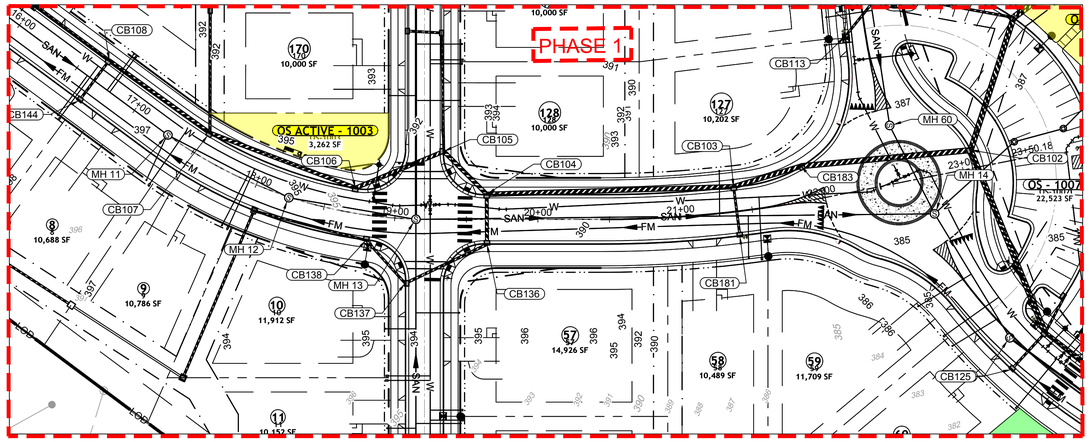
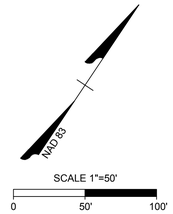
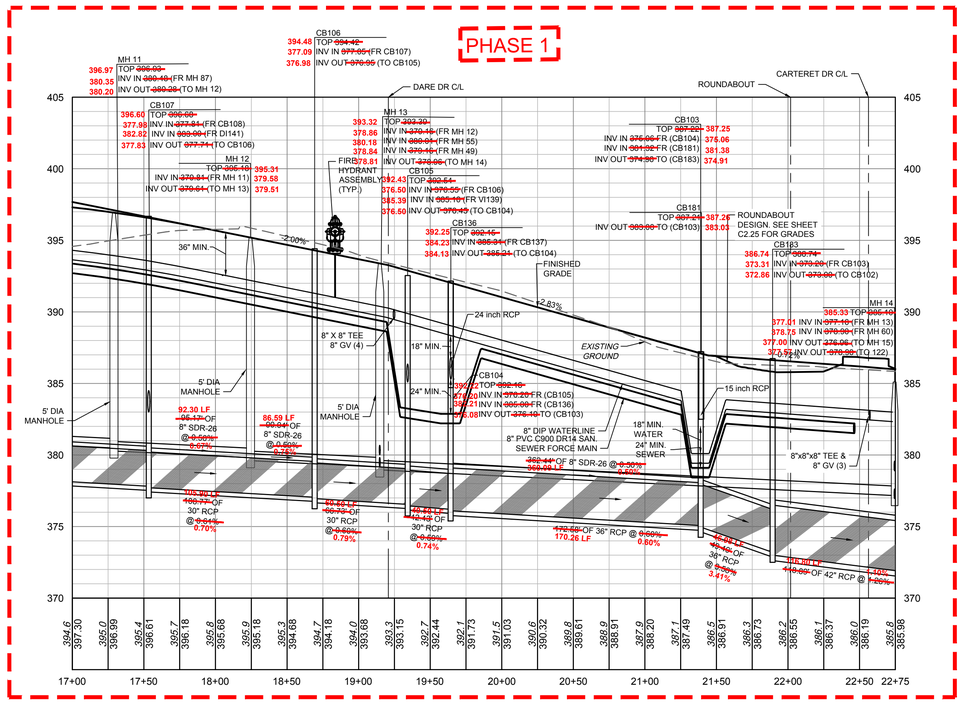
ROSEVILLE CROSSING AS-BUILT INFO

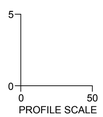


BRUNSWICK DR PLAN VIEW
STA 17+50 - 23+49.78





BRUNSWICK DR PROFILE
STA 17+50 - 23+49.78



NOTE: ANY SEWER DEEPER THAN 12' REQUIRES SDR-26 OR DIP SEWER PIPE AND 5' DIAMETER MANHOLES. SEWER DEEPER THAN 20' REQUIRES 6' DIAMETER MANHOLES AND DIP SEWER PIPE.

SEWER MAIN MATERIAL:	
PVC SDR35	MIN. 3' TO 12' NON-TRAFFIC AREA; MIN. 5' TO 12' TRAFFIC AREA
PVC SDR26	12'-20' TRAFFIC AND NON-TRAFFIC AREAS
DIP	MIN. 3' TO 5' TRAFFIC AREA (CLASS 1 BEDDING); GREATER THAN 20' WITH DIRECTOR APPROVAL

ATTENTION CONTRACTORS

*THE **CONSTRUCTION CONTRACTOR** RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR **CONTACTING** THE **PUBLIC WORKS DEPARTMENT** at **(919) 996-2400**, AND THE **PUBLIC UTILITIES DEPARTMENT** AT **(919) 996-4540** AT LEAST **TWENTY FOUR HOURS** PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.*

***FAILURE** TO NOTIFY BOTH **CITY DEPARTMENTS** 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.*

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811
KNOW WHAT'S BELOW.
CALL 811 BEFORE YOU DIG.

Signed by:
Jonathan Smitter
2B53[illegible]
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE *09/17/2021*
DRAWN BY *R. WINGATE*
DESIGNED BY *P. BARBEAU*
CHECKED BY *P. BARBEAU*
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
BRUNSWICK DRIVE PLAN & PROFILE - AB

JOB NO. *43398*
SHEET NO. *ASB2.10*

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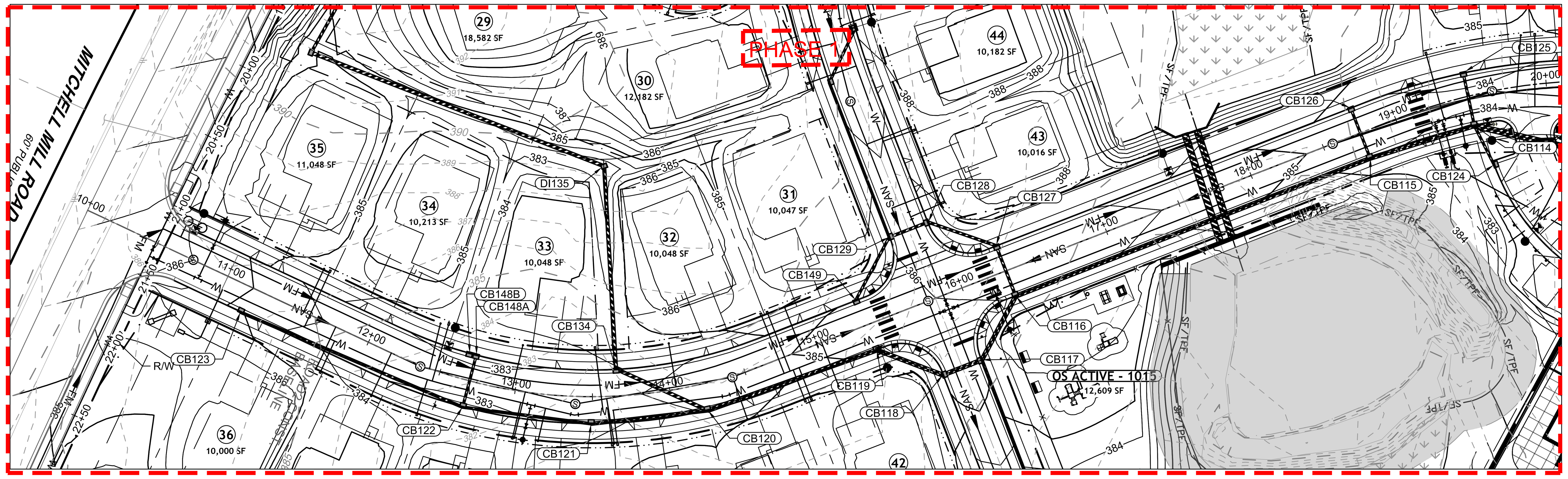
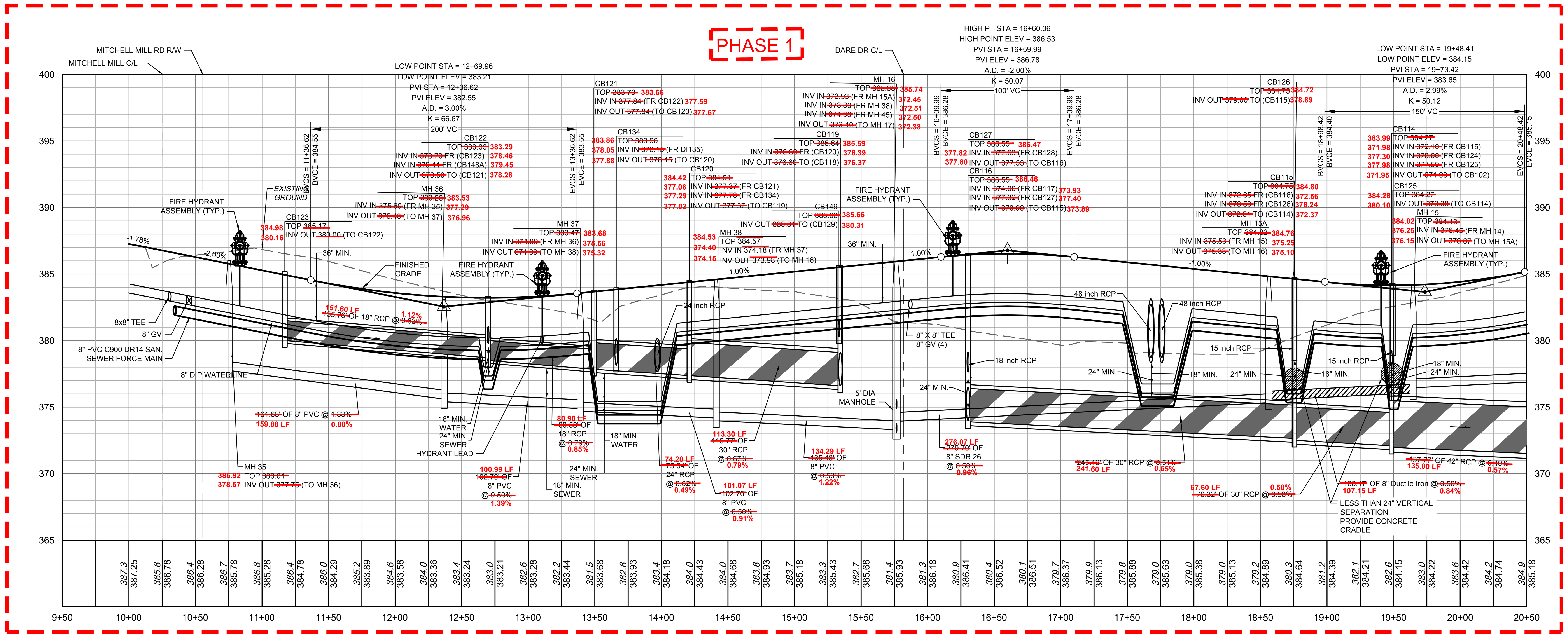


CARTERET DR PLAN VIEW
STA 9+50 - 20+00

NAD 83

SCALE 1"=50'

0 50' 100'



CARTERET DR PROFILE
STA 9+50 - 20+00

PROFILE SCALE

ATTENTION CONTRACTORS

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811
KNOW WHAT'S BELOW.
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Signed by: Jonathan Smitek
2B53976A98B04FA...
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 050771 JONATHAN SCOTT SMITEK
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

CARTERET DRIVE PLAN & PROFILE - AB

JOB NO. 43398
SHEET NO. ASB2.11

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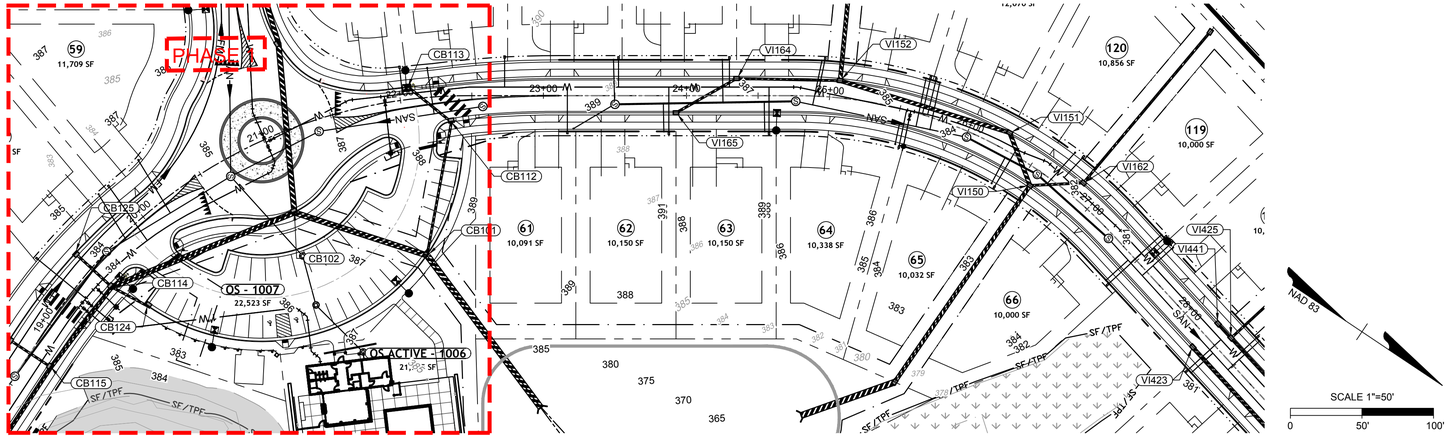
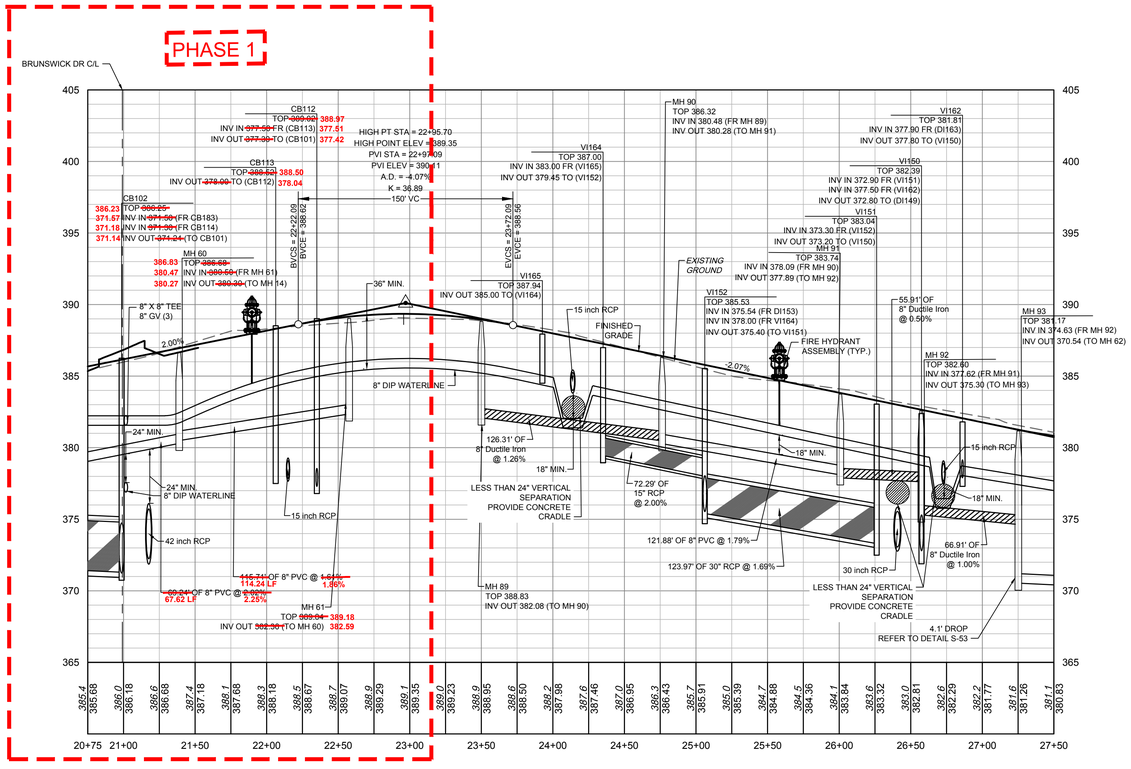
ROSEVILLE CROSSING AS-BUILT INFO



CARTERET DR PLAN VIEW
STA 19+50 - 27+50



CARTERET DR PROFILE
STA 19+50 - 27+50

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PROFILE SCALE

ATTENTION CONTRACTORS

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Signed by: Jonathan Smith 2B53F...
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06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-27-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
CARTERET DRIVE PLAN & PROFILE - AB

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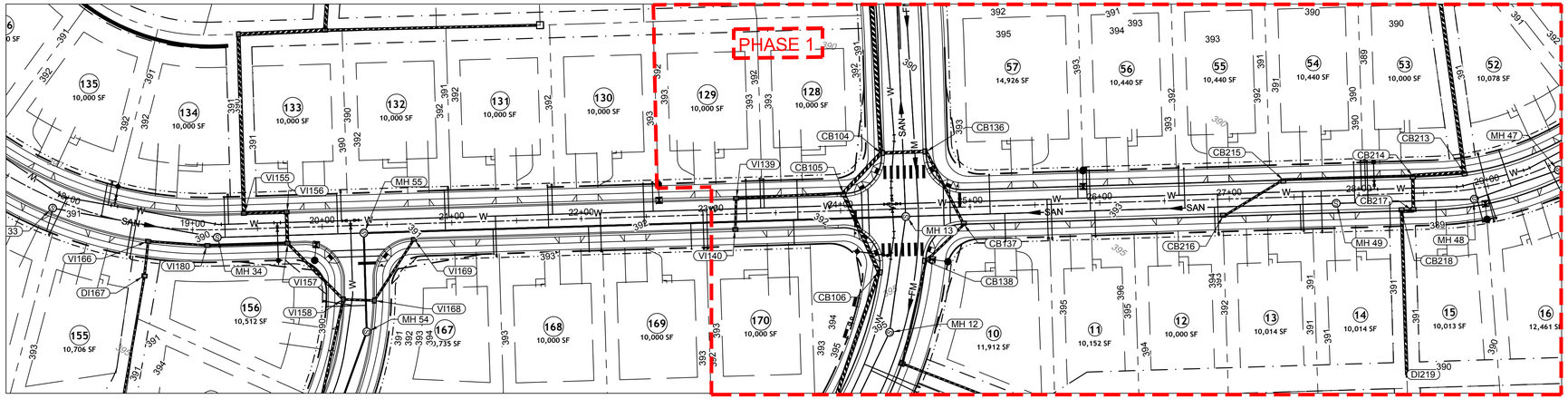
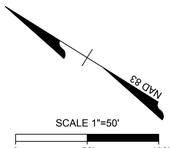
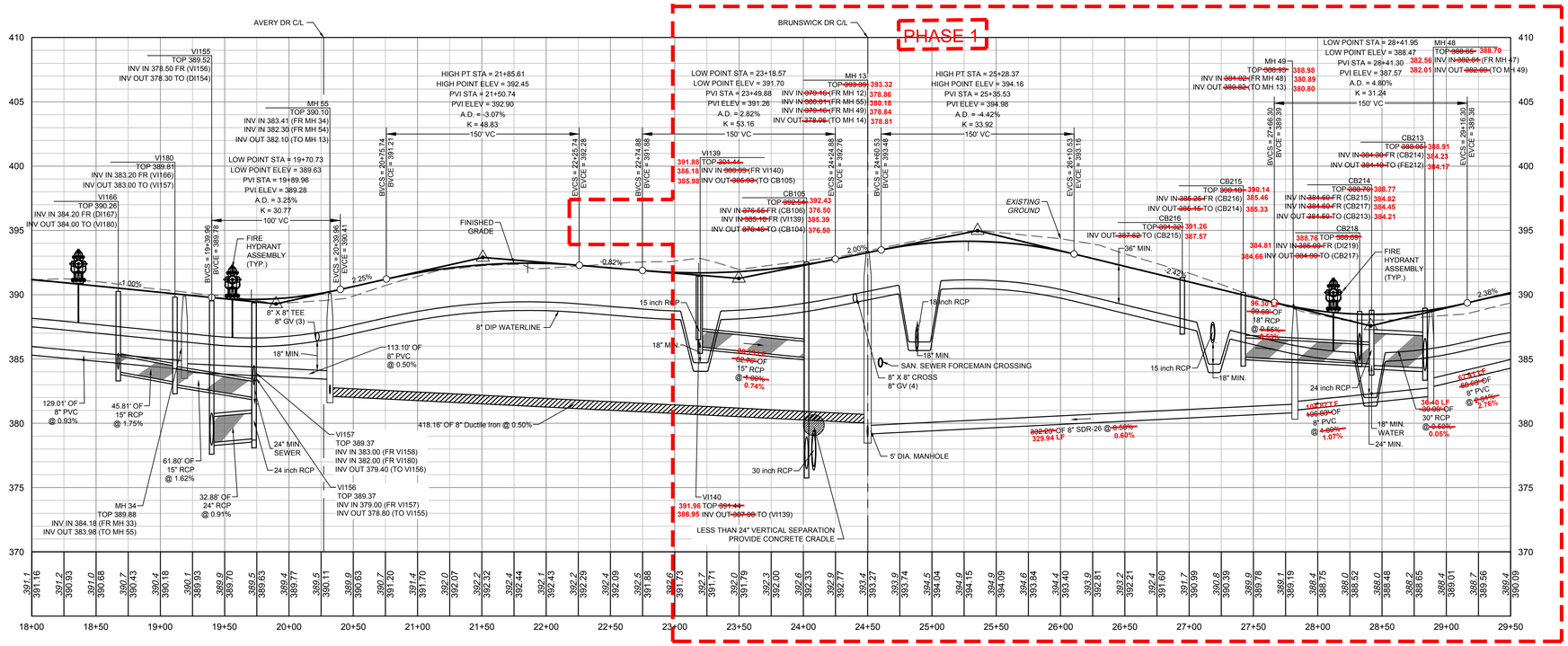
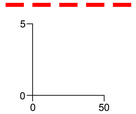


DARE DR PLAN VIEW
STA 18+00 - 29+50





DARE DR PROFILE
STA 18+00 - 29+50



ATTENTION CONTRACTORS

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Signed by: Jonathan Smith 2B53[illegible]
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING, STORM AND UTILITY ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
DARE DRIVE PLAN & PROFILE - AB

JOB NO.
43398
SHEET NO.
ASB2.16

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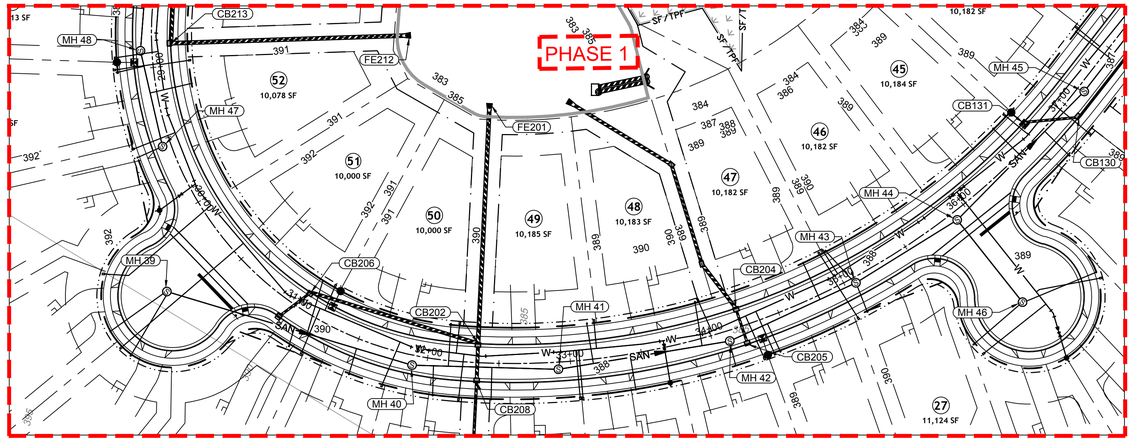
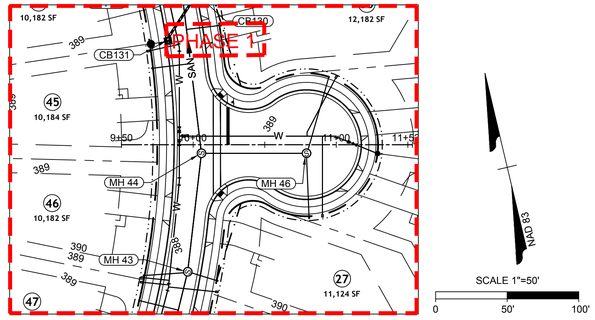
ROSEVILLE CROSSING AS-BUILT INFO

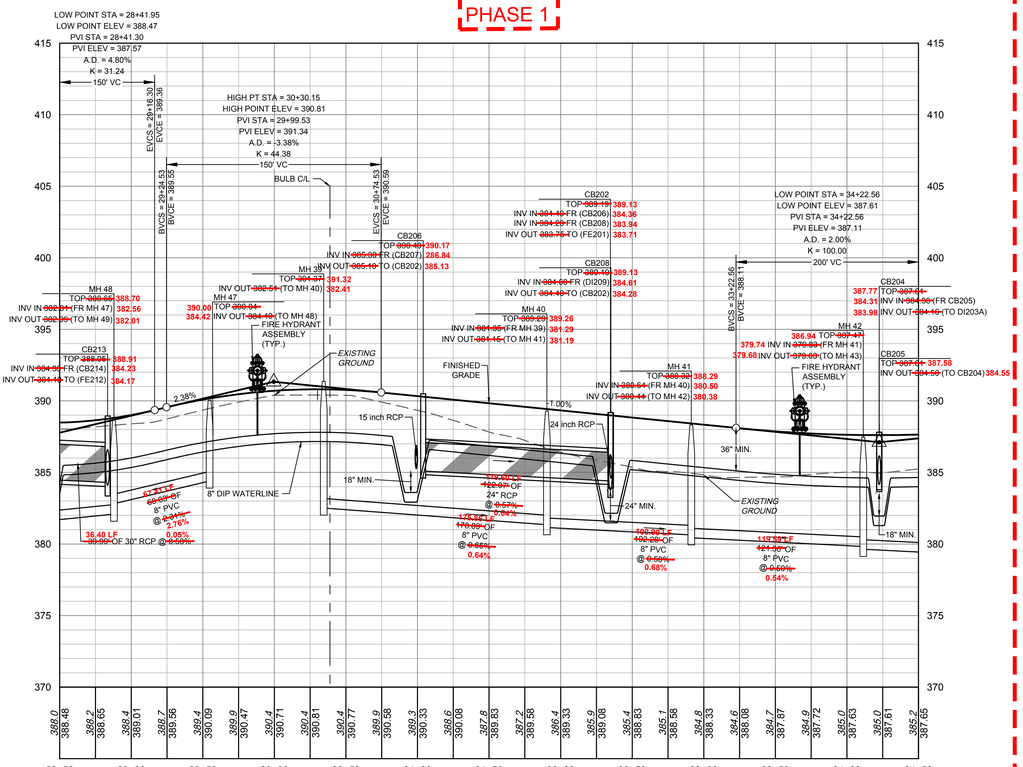


DARE DR PLAN VIEW
STA 28+50 - 34+50

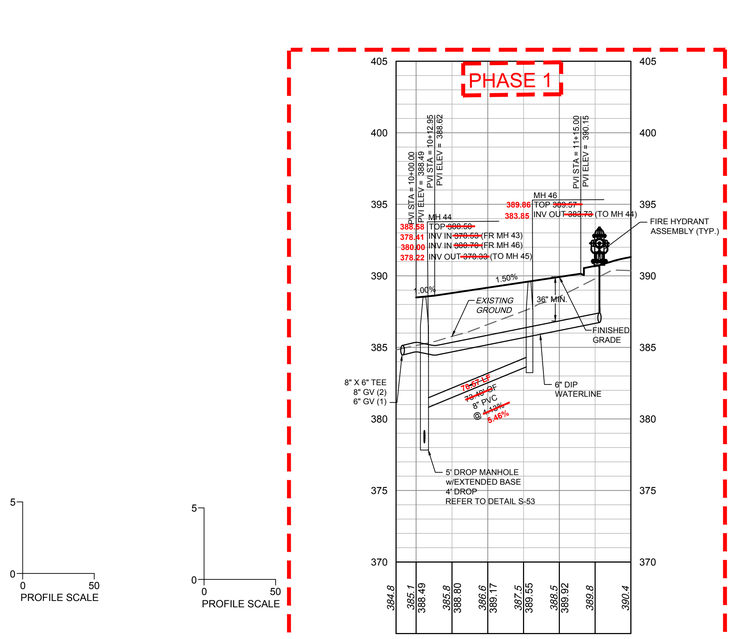


WILKES LANE PLAN VIEW
STA 9+86 - 10+79.15

PHASE 1



DARE DR PROFILE
STA 28+50 - 34+50



WILKES LANE PROFILE
STA 9+86 - 10+79.15

PROFILE SCALE
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PROFILE SCALE
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ATTENTION CONTRACTORS

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Signed by: Jonathan Smitter 2B53D1A0A1E74F8...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPPING

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PLAN & PROFILE - AB

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DARE DRIVE PLAN & PROFILE - AB

JOB NO.
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SHEET NO.
ASB2.17

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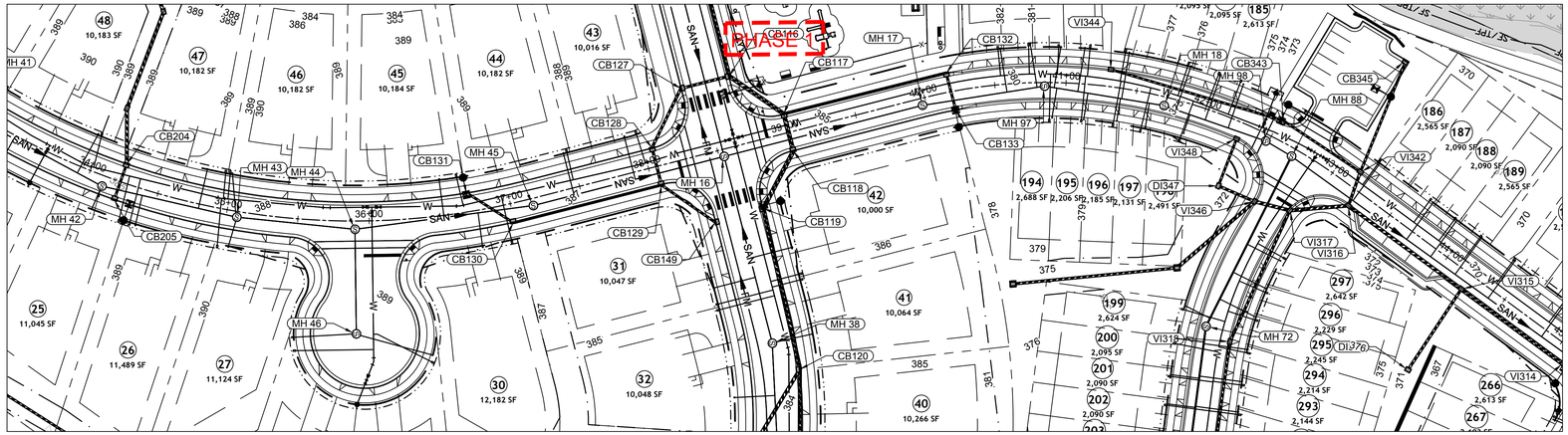
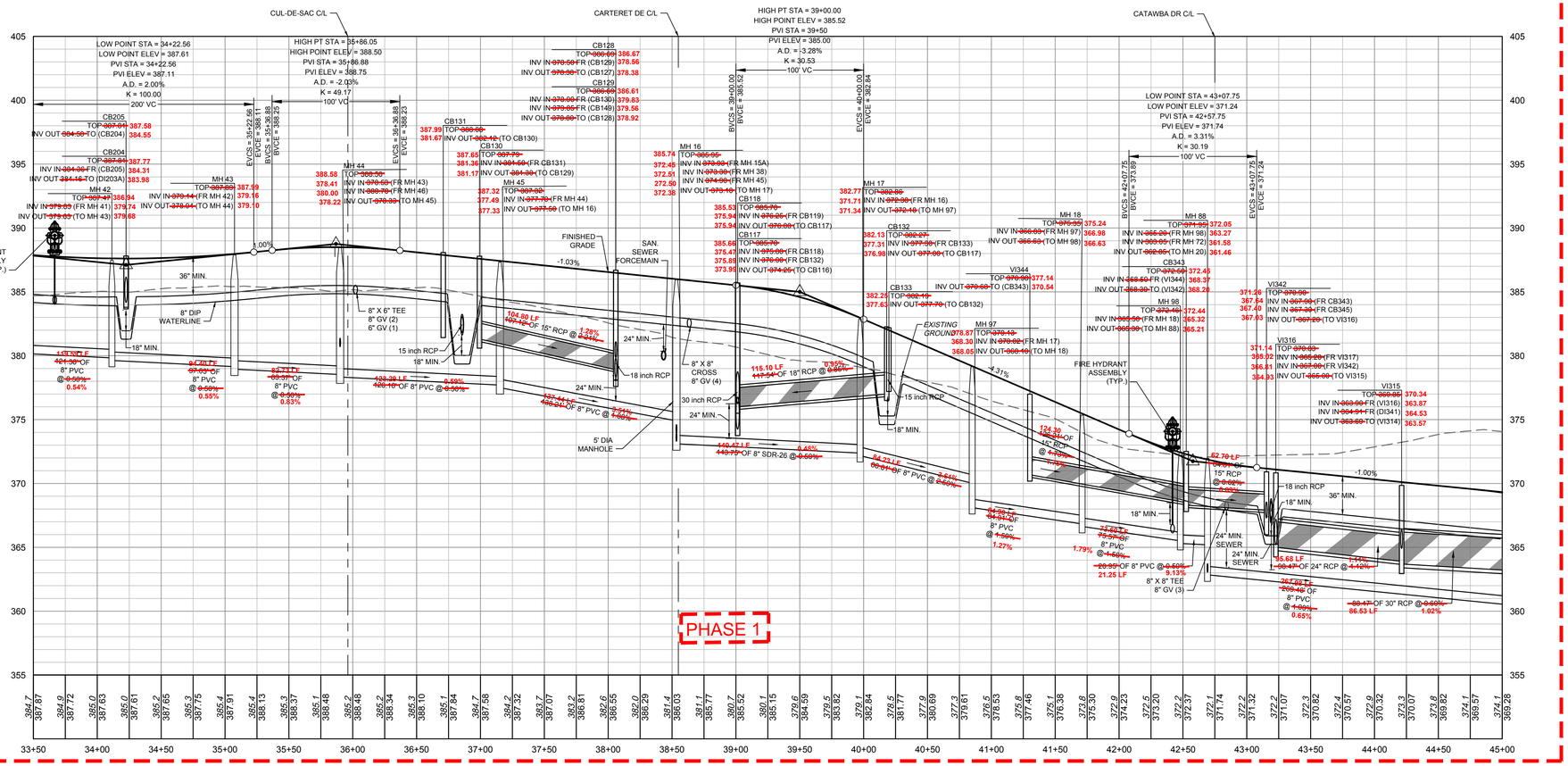
ROSEVILLE CROSSING AS-BUILT INFO



DARE DR PLAN VIEW
STA 33+50 - 45+00



DARE DR PROFILE
STA 33+50 - 45+00

PROFILE SCALE
0
5
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50

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Signed by: Jonathan Smith 2B53D...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

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04-17-2025	GRADING, STORM NETWORK ADJUSTMENTS
12-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
DARE DRIVE PLAN & PROFILE - AB

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SHEET NO.
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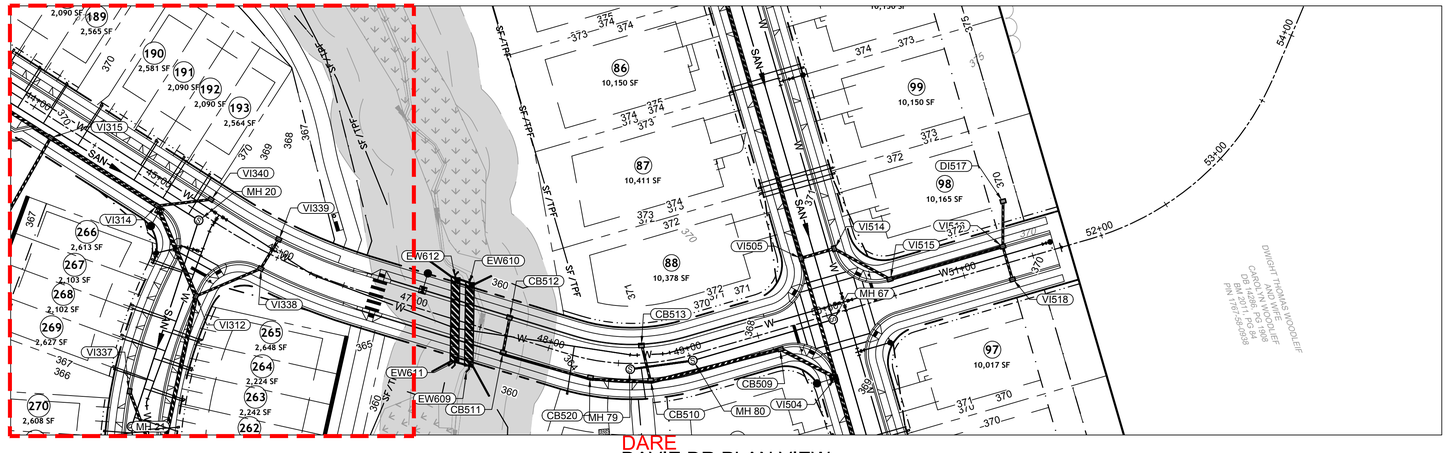
ROSEVILLE CROSSING AS-BUILT INFO

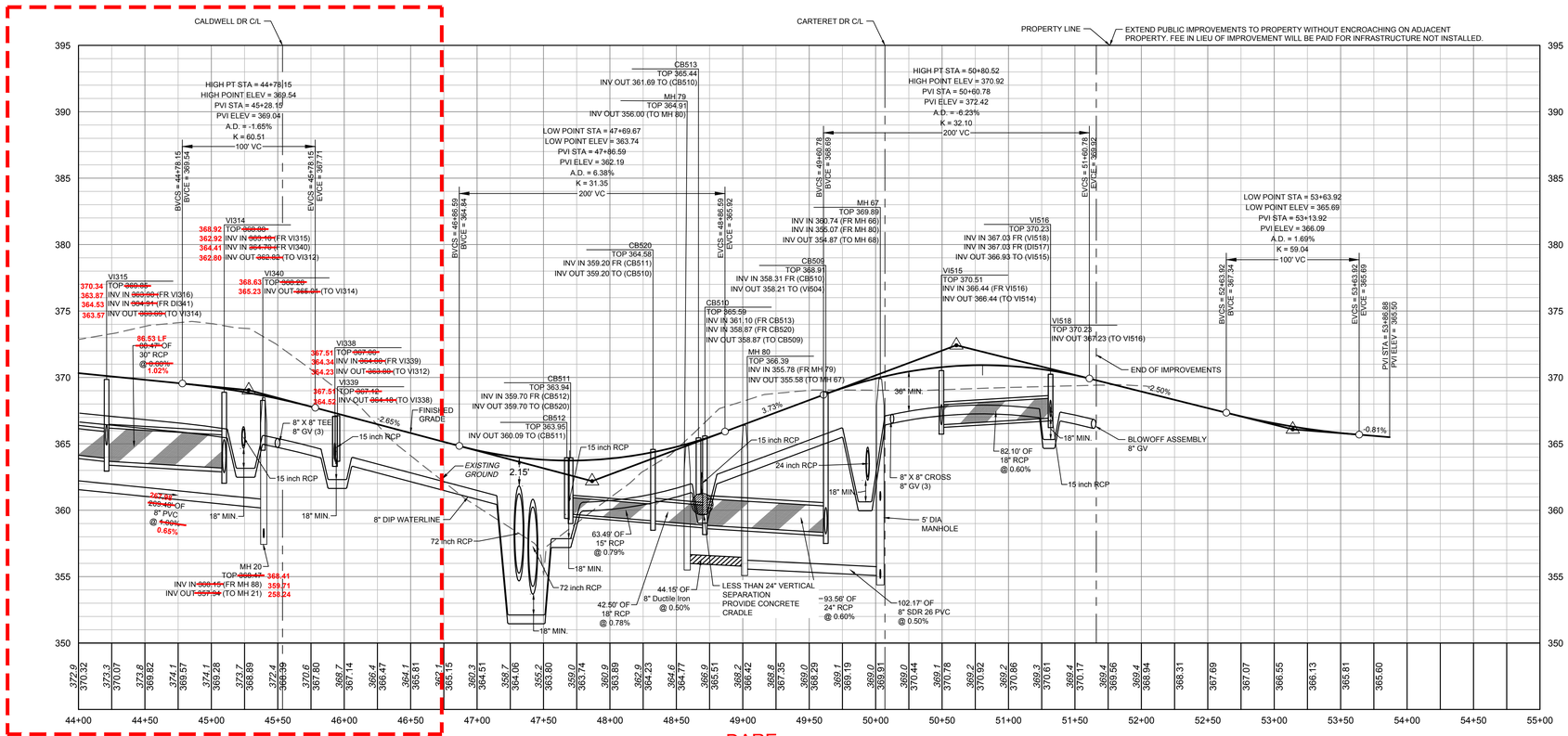


NAD 83

SCALE 1"=50'

0 50' 100'

DARE
~~DAVIE~~ DR PLAN VIEW
STA 44+00 - 55+00



DARE
~~DAVIE~~ DR PROFILE
STA 44+00 - 55+00

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PROFILE SCALE

ATTENTION CONTRACTORS

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Signed by: Jonathan Smitter 2B53D1A4E3E74F8...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	10-17-2023
REVISED ROLESVILLE ROAD STRIPING	04-17-2025

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
DARE DR PLAN & PROFILE - AB

JOB NO.
43398
SHEET NO.
ASB2.19

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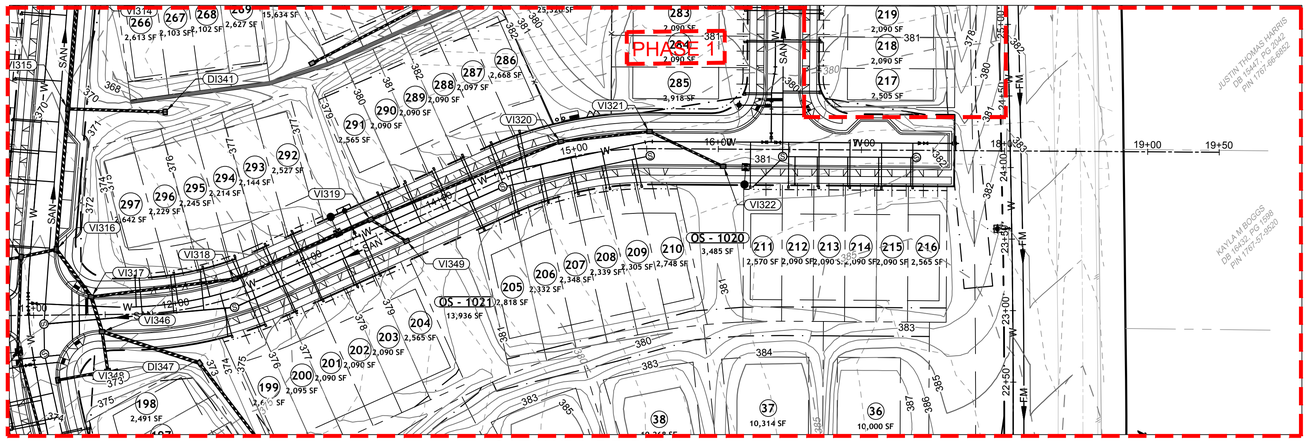
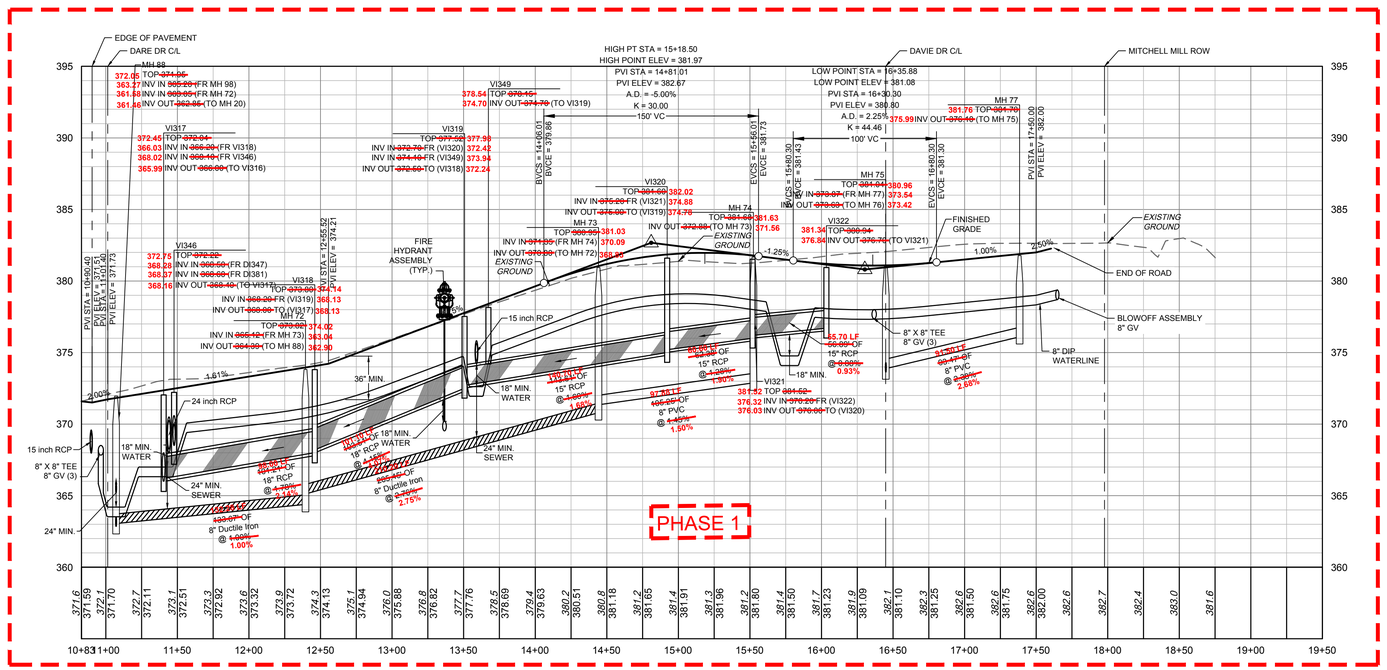
ROSEVILLE CROSSING AS-BUILT INFO





CATAWBA DR PROFILE
STA 10+83 - 19+50

NOTE: ANY SEWER DEEPER THAN 12' REQUIRES SDR-26 OR DIP SEWER PIPE AND 5' DIAMETER MANHOLES. SEWER DEEPER THAN 20' REQUIRES 6' DIAMETER MANHOLES AND DIP SEWER PIPE.

SEWER MAIN MATERIAL:	
PVC SDR35	MIN. 3' TO 12' NON-TRAFFIC AREA; MIN. 5' TO 12' TRAFFIC AREA
PVC SDR26	12'-20' TRAFFIC AND NON-TRAFFIC AREAS
DIP	MIN. 3' TO 5' TRAFFIC AREA (CLASS 1 BEDDING); GREATER THAN 20' WITH DIRECTOR APPROVAL

ATTENTION CONTRACTORS

*THE **CONSTRUCTION CONTRACTOR** RESPONSIBLE FOR THE EXTENSION OF WATER, SEWER AND/OR REUSE, AS APPROVED IN THESE PLANS, IS RESPONSIBLE FOR **CONTACTING** THE **PUBLIC WORKS DEPARTMENT** AT **(919) 996-3409**, AND THE **PUBLIC UTILITIES DEPARTMENT** AT **(919) 996-4540** AT LEAST **TWENTY FOUR HOURS** PRIOR TO BEGINNING ANY OF THEIR CONSTRUCTION.*

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***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**.*

Signed by: Jonathan Smith 2B53D1A1A1E4E4...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

THIS DRAWING PREPARED AT THE
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YOUR VISION ACHIEVED THROUGH OURS.

DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: *09/17/2021*
DRAWN BY: *R. WINGATE*
DESIGNED BY: *P. BARBEAU*
CHECKED BY: *P. BARBEAU*
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
CATAWBA PLAN & PROFILE - AB

JOB NO. *43398*
SHEET NO. *ASB2.22*

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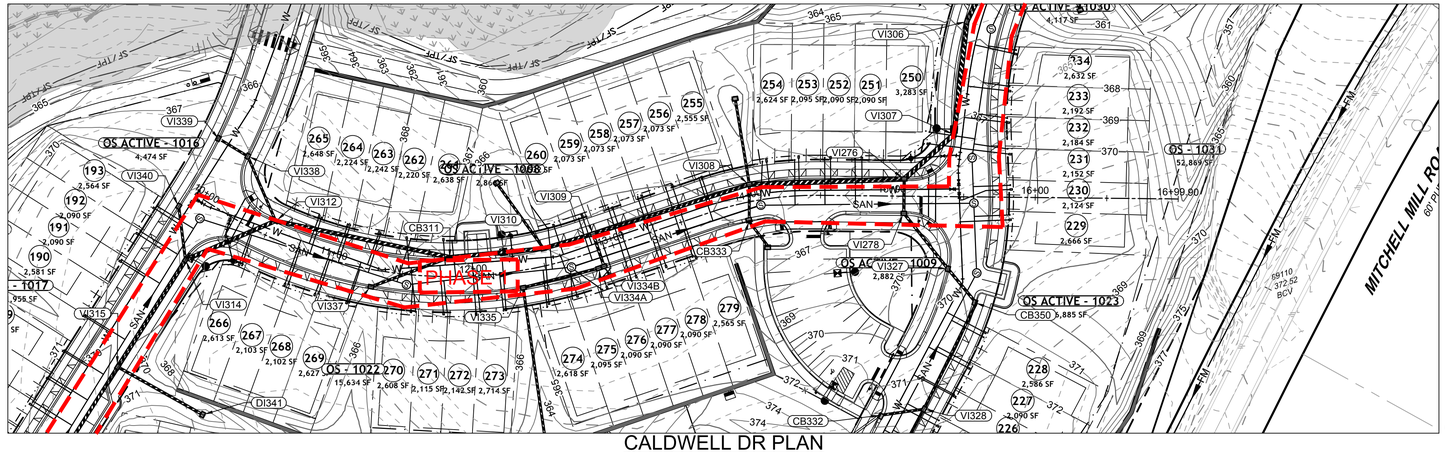
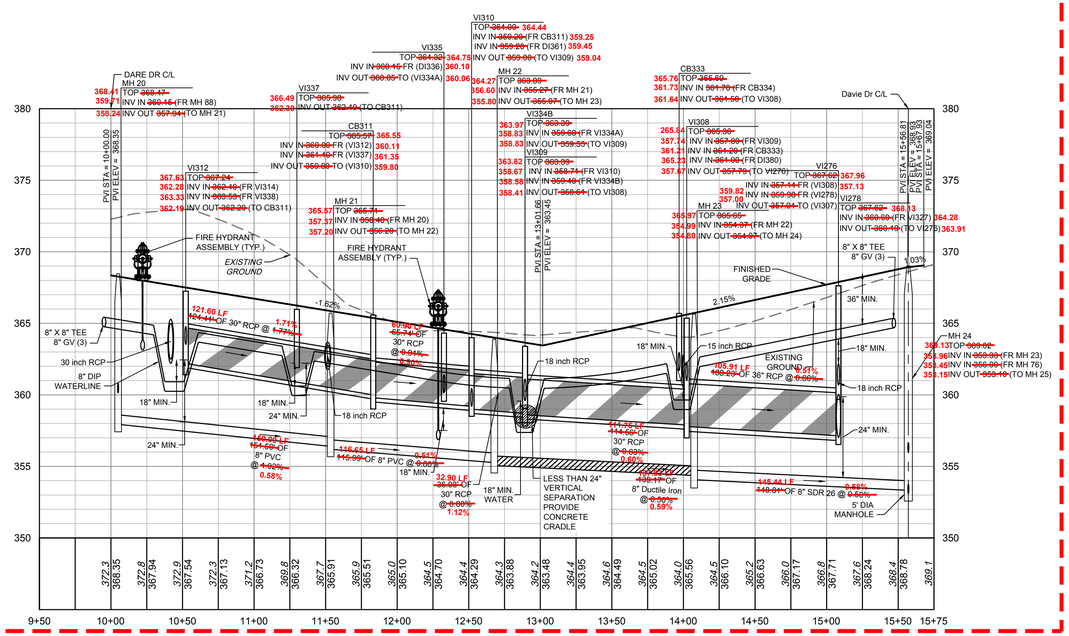
ROSEVILLE CROSSING AS-BUILT INFO



CALDWELL DR PLAN VIEW
STA 10+00 - 17+00

PHASE 1



CALDWELL DR PROFILE
STA 10+00 - 17+00

PROFILE SCALE
5
0
0
50

NOTE: ANY SEWER DEEPER THAN 12' REQUIRES SDR-26 OR DIP SEWER PIPE AND 5' DIAMETER MANHOLES. SEWER DEEPER THAN 20' REQUIRES 6' DIAMETER MANHOLES AND DIP SEWER PIPE.

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Signed by: Jonathan Smitter (2B53D...)
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: *09/17/2021*
DRAWN BY: *R. WINGATE*
DESIGNED BY: *P. BARBEAU*
CHECKED BY: *P. BARBEAU*
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
CALDWELL DRIVE PLAN & PROFILE - AB

JOB NO. *43398*
SHEET NO. *ASB2.23*

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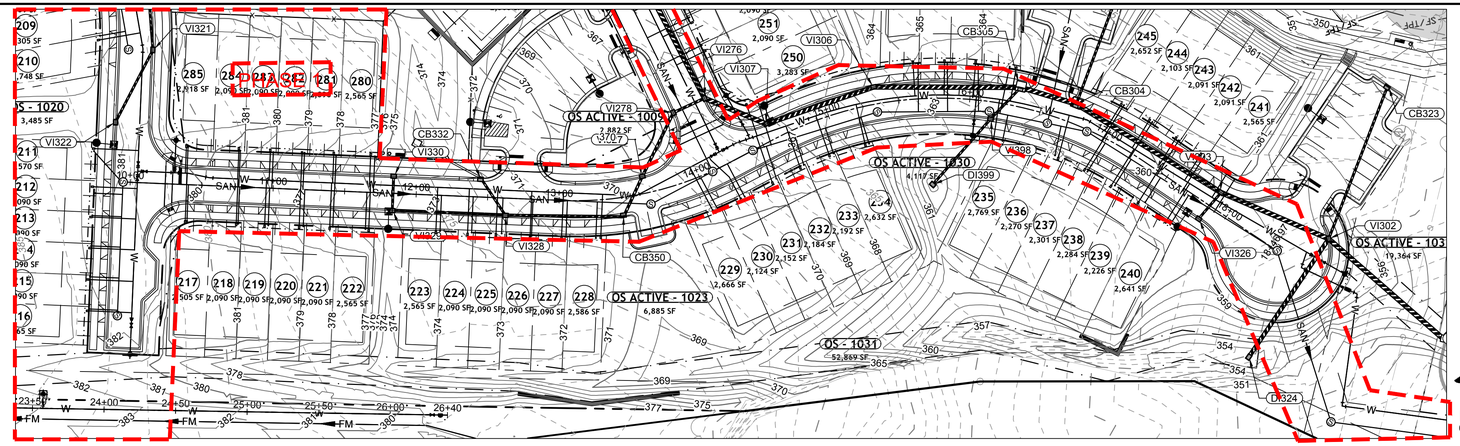
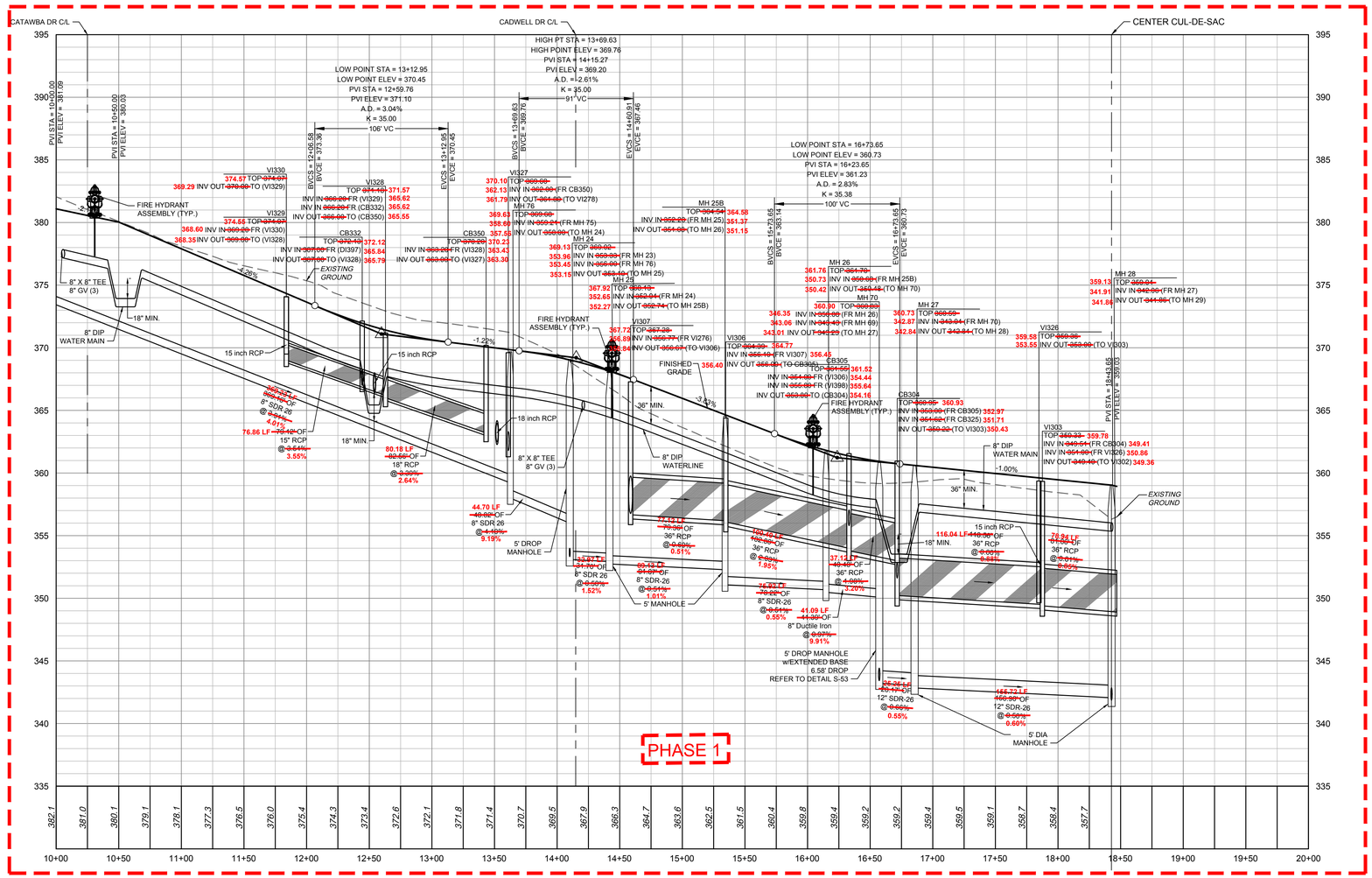
ROSEVILLE CROSSING AS-BUILT INFO



DAVIE DR PLAN VIEW
STA 10+00 - 19+79.38



DAVIE DR PROFILE
STA 10+00 - 19+79.38

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Signed by: Jonathan Smith
2B53D...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

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06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: *09/17/2021*
DRAWN BY: *R. WINGATE*
DESIGNED BY: *P. BARBEAU*
CHECKED BY: *P. BARBEAU*
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
DAVIE DRIVE PLAN & PROFILE - AB

JOB NO. *43398*
SHEET NO. *ASB2.24*

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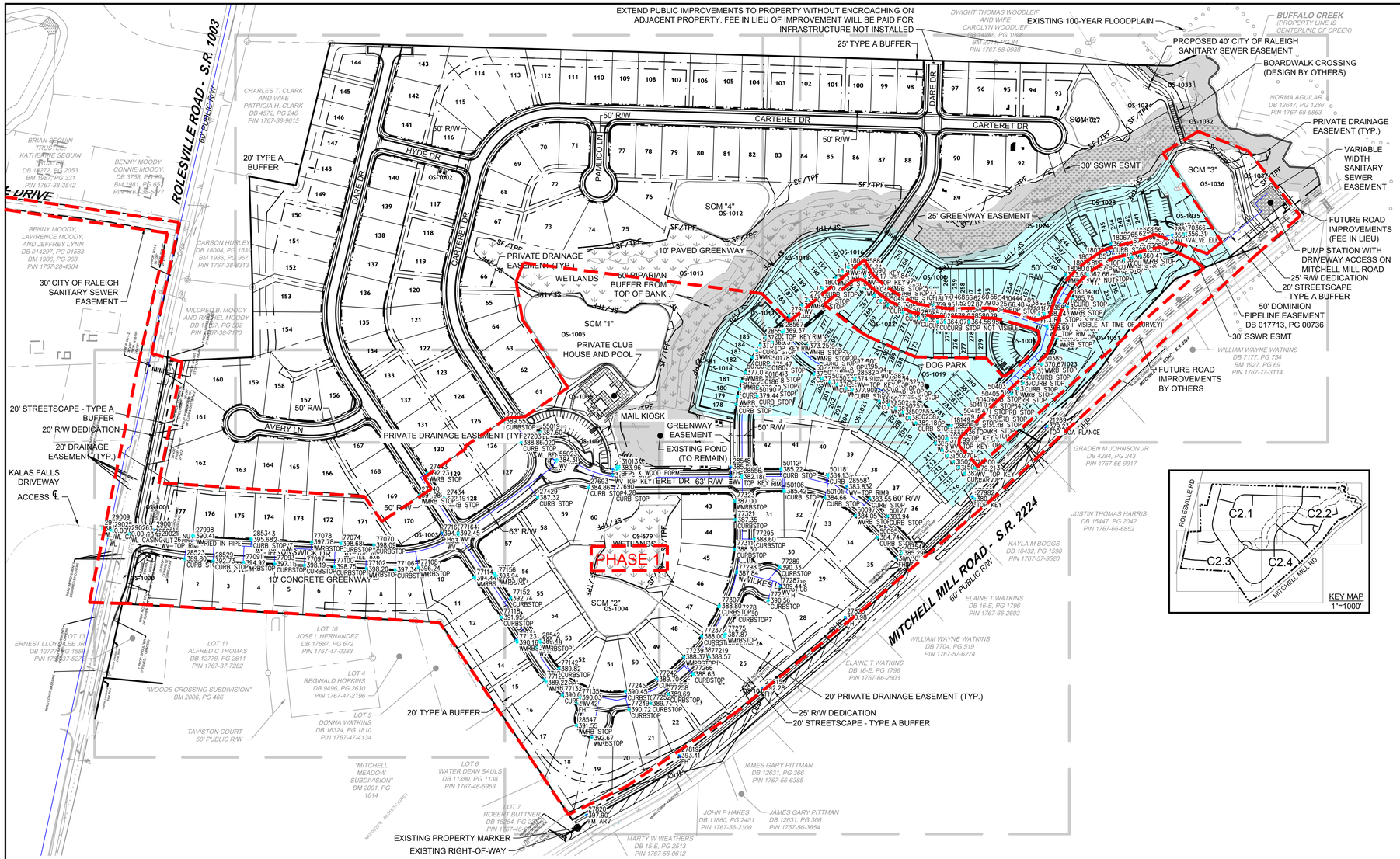
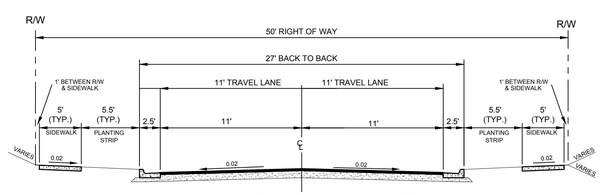
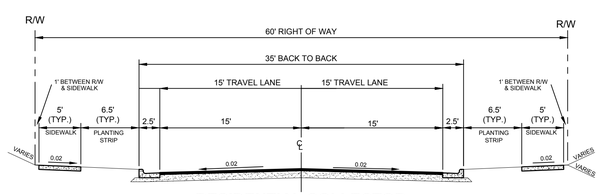


SITE LAYOUT NOTES

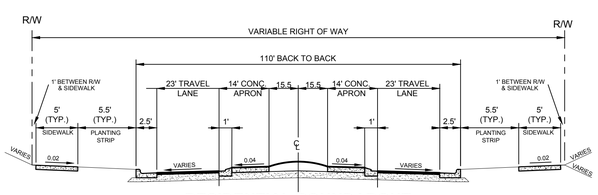
1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH TOWN OF ROLESVILLE AND NCDOT STANDARDS AND SPECIFICATIONS.
2. ALL DIMENSIONS ARE TO FACE OF CURB, EDGE OF PAVING, BUILDING WALL FACE OR PROPERTY LINE UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, UTILITIES AND GRADES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY EXISTING DISCREPANCIES PRIOR TO COMMENCING ANY RELATED CONSTRUCTION.
4. AT LEAST 72 HOURS PRIOR TO CONSTRUCTION OR EXCAVATION THE CONTRACTOR SHALL NOTIFY "NORTH CAROLINA ONE CALL" (811) TO HAVE EXISTING UTILITIES LOCATED.
5. PARKING SPACES ARE 9' WIDE X 18' LONG MINIMUM EXCEPT HANDICAP SPACES WHICH ARE 8.0' WIDE MINIMUM WITH 8.0' VAN ACCESS AND 5.0' STANDARD ACCESS AISLES.
6. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF THE BUILDING(S).
7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DIMENSIONAL CONFLICTS PRIOR TO THE BEGINNING OF CONSTRUCTION.
8. ALL CURB AND GUTTER IN THE PUBLIC RIGHT OF WAY SHALL BE 30" WIDE.
9. ALL DISTURBED CURB & GUTTER AND ASPHALT SHALL BE REPLACED PER TOWN OF ROLESVILLE OR NCDOT STANDARDS AND SPECIFICATIONS.
10. ALL DRIVEWAY DESIGN AND CONSTRUCTION MUST COMPLY WITH TOWN OF ROLESVILLE. DRIVEWAYS SHALL BE PERMITTED SEPARATELY.
11. NO SIGHT OBSTRUCTING OR PARTIALLY OBSTRUCTING WALL, FENCE, FOLIAGE, BERMING, PARKED VEHICLES OR SIGN BETWEEN THE HEIGHTS OF TWENTY-FOUR (24) INCHES AND EIGHT (8) FEET ABOVE THE CURB LINE ELEVATION, OR THE NEAREST TRAVELED WAY IF NO CURBING EXISTS, SHALL BE PLACED WITHIN A SIGHT TRIANGLE OF A PUBLIC STREET, PRIVATE STREET OR DRIVEWAY CONTAINED EITHER ON THE PROPERTY OR ON AN ADJOINING PROPERTY.
12. PRIVATE CLUB HOUSE AND POOL AREA REQUIRES SEPARATE SITE PLAN APPROVAL PROCESS THROUGH TOWN OF ROLESVILLE.
13. SUBDIVISION STREET NAMES PENDING WAKE COUNTY APPROVAL.
14. REFER TO SHEET C0.0 FOR SETBACK TABLE FOR SINGLE FAMILY AND TOWNHOMES.



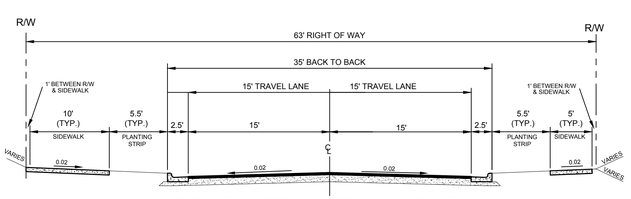
LOCAL RESIDENTIAL STREET
(50' PUBLIC R/W)



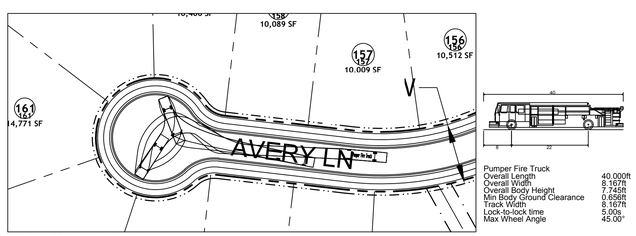
RESIDENTIAL COLLECTOR
(60' PUBLIC R/W)



RESIDENTIAL ROUNDABOUT



RESIDENTIAL COLLECTOR WITH GREENWAY
(63' PUBLIC R/W)



FIRE APPARATUS ACCESS INSET
SCALE: 1" = 60'

Pumper Fire Truck	
Overall Length	40.000ft
Overall Width	8.167ft
Overall Body Height	7.745ft
Min Body Ground Clearance	0.856ft
Track Width	8.167ft
Lock-to-lock time	5.00s
Max Wheel Angle	45.00°

NAD 83

SCALE 1"=150'
0 150' 300'

Signed by: Jonathan Scott Smither 28539
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITHER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
08-14-2023	GRADING AND EASEMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

UTILITY PLAN - WATER - AB

JOB NO. 43398
SHEET NO. ASBW2.0

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ROSEVILLE CROSSING AS-BUILT INFO

KEY MAP 1"=1000'

GENERAL NOTES:

1. REFER TO OVERALL SITE PLAN SHEET FOR SITE PLAN NOTES.

CHARLES T. CLARK AND WIFE PATRICIA H. CLARK DB 4572, PG 246 PIN 1767-38-9815

20' PRIVATE DRAINAGE EASEMENT (TYP.)

EXTEND PUBLIC IMPROVEMENTS TO PROPERTY WITHOUT ENCROACHING ON ADJACENT PROPERTY. FEE IN LIEU OF IMPROVEMENT WILL BE PAID FOR INFRASTRUCTURE NOT INSTALLED.

PUBLIC ACCESS EASEMENT

20' PRIVATE DRAINAGE EASEMENT (TYP.)

25' TYPE A BUFFER

20' SSWR EASEMENT

20' TYPE A BUFFER AND CONSERVATION EASEMENT

20' PRIVATE DRAINAGE EASEMENT (TYP.)

STANDARD CROSSWALK PER NCDOT 1207.07

MUTCD 30" R1-1

STOP BAR

HYDE DR S76°24'57"E 302.07'

DARE DR S13°35'03"W 611.83'

R=230.00' L=47.84'

S1°45'W 10.00'

R=230.00' L=313.45'

SIGHT DISTANCE TRIANGLE (TYP.)

70' (TYP.)

10' TYP.

50' R/W

S88°19'57"E 1145.42'

CARTERET DR

VALLEY CURB (TYP.)

PAMLICO LANE N1°40'03"E 188.84'

R35'

R38'

R28' (TYP. BOC)

OS ACTIVE - 1002 9,196 SF

20' PRIVATE DRAINAGE AND ACCESS EASEMENT (TYP.)

STORMWATER CONTROL MEASURE "4" (WET POND) OS - 1012 37,397 SF

SEE SHEET C2.2

RETAINING WALL DESIGN BY OTHERS

20' PRIVATE DRAINAGE EASEMENT (TYP.)

OS ACTIVE

OS CONS - 1013 242,664 SF

WETLANDS

20' PRIVATE DRAINAGE AND ACCESS EASEMENT (TYP.)

PHASE 1

OS - 1005 72,613 SF

STORMWATER CONTROL MEASURE "1" (WET POND)

AMENITY AREA PERMITTED THROUGH SEPARATE SITE PLAN PROCESS

FENCE

CHAINLINK FENCE

RETAINING WALL DESIGN BY OTHERS

OS ACTIVE - 1006 21,215 SF

PARKING SIGNAGE FOR MAIL KIOSK

MAIL KIOSK CBU (12)

OS - 1007

25' GREENWAY EASEMENT

10' PAVED GREENWAY

OS - 1011 9,09 SF

OS - GREENWAY - 581 24,045 SF

OS - 1014 2,855 SF

VALLEY CURB (TYP.)

SEE SHEET C2.4

SEE SHEET C2.3

RETAINING WALL DESIGN BY OTHERS

20' PRIVATE DRAINAGE EASEMENT (TYP.)

20' SSWR EASEMENT

VALLEY CURB (TYP.)

20' PRIVATE DRAINAGE EASEMENT (TYP.)

CARTERET DR

R=300.00' L=248.03'

160.69' N33°47'11"W

70' TYP.

50' R/W

10' TYP.

R28' (TYP. BOC)

5' SIDEWALK (TYP.)

N66°04'15"E 42.58'

S83°27'33"E 163.76'

AVERY LN

R=230.00' L=162.46'

R650'

144	13,577 SF	143	12,321 SF
145	10,000 SF	142	10,000 SF
146	10,000 SF	141	10,000 SF
147	10,000 SF	140	10,003 SF
148	10,000 SF	139	10,000 SF
149	14,681 SF	138	10,000 SF
150	17,376 SF	137	10,000 SF
151	16,042 SF	136	10,000 SF
152	15,134 SF	135	10,000 SF
153	16,114 SF	134	10,000 SF
154	17,469 SF	133	10,000 SF
155	10,706 SF	132	10,000 SF
156	10,512 SF	131	10,000 SF
157	10,009 SF	130	10,000 SF
158	10,089 SF	129	10,000 SF
159	10,406 SF	128	10,000 SF
114	19,028 SF	113	13,803 SF
115	15,007 SF	116	11,908 SF
117	10,000 SF	118	10,000 SF
119	10,000 SF	120	10,856 SF
121	12,070 SF	122	10,000 SF
123	10,000 SF	124	10,000 SF
125	10,010 SF	126	10,000 SF
127	10,000 SF	112	11,510 SF
111	10,150 SF	110	10,150 SF
109	10,150 SF	108	10,150 SF
107	10,150 SF	106	10,150 SF
105	10,150 SF	104	10,150 SF
103	10,150 SF	70	10,560 SF
71	10,369 SF	69	10,675 SF
72	11,256 SF	68	10,372 SF
67	10,000 SF	73	19,028 SF
74	11,219 SF	75	13,383 SF
76	14,792 SF	66	10,000 SF
65	10,032 SF	64	10,338 SF
63	10,150 SF	62	10,150 SF
61	10,091 SF	60	10,000 SF
77	10,002 SF	78	10,150 SF
79	10,150 SF	80	10,150 SF
81	10,150 SF	82	10,150 SF
83	10,150 SF	185	2,613 SF
184	2,095 SF	183	2,095 SF
182	2,613 SF	181	2,613 SF
180	2,095 SF	179	2,095 SF
178	2,613 SF	188	2,090 SF
187	2,090 SF	186	2,565 SF
198	2,491 SF	197	2,131 SF
196	2,185 SF	195	2,206 SF
194	2,688 SF		

SCALE 1"=50'

0 50' 100'

NAD 83

Signed by: Jonathan Smitter 2B53D1A1...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
08-31-2023	GRADING AND UTILITY IMPROVEMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
DETAILED UTILITY PLAN - WATER - AB

JOB NO. 43398
SHEET NO. ASBW2.1

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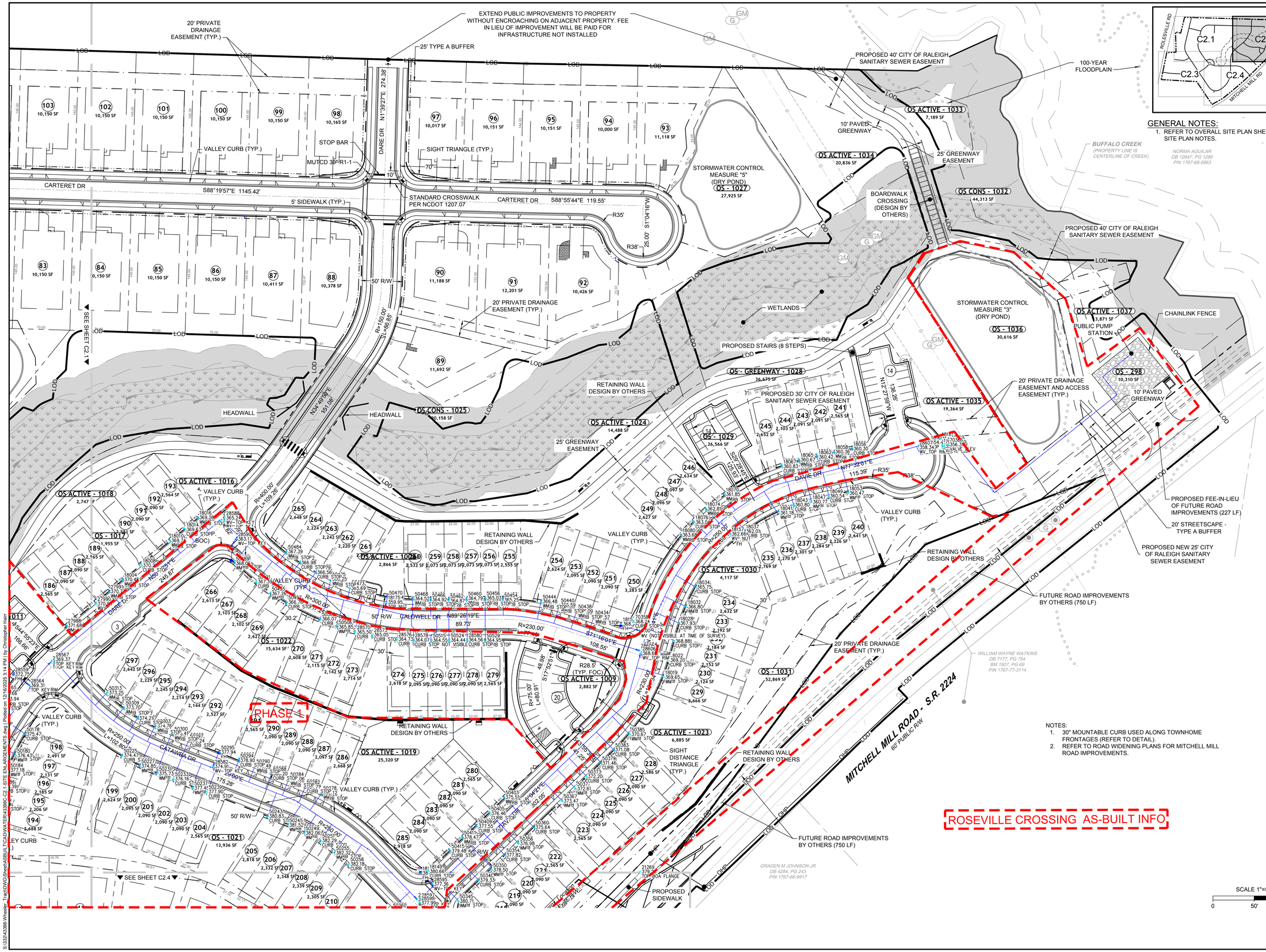

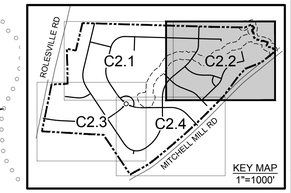

KEY MAP
1"=1000'

GENERAL NOTES:

1. REFER TO OVERALL SITE PLAN SHEET FOR SITE PLAN NOTES.

Signed by: Jonathan Smith 2853C...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING, STORM AND UTILITY ADJUSTMENTS	04-17-2025
REVISED ROLESVILLE ROAD STRIPPING	

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - WATER - AB

JOB NO. 43398
SHEET NO. ASBW2.2

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RAPID FLASHING PEDESTRIAN BEACON SIGNAL CROSSING. SIGNAL PLANS TO BE REVIEWED AND APPROVED BY NCDOT.

OFFSITE SIDEWALK DESIGN BY OTHERS

ROLESVILLE ROAD - S.R. 1003
60' PUBLIC R/W

20' TYPE A BUFFER AND CONSERVATION EASEMENT

20' STREETSCAPE - TYPE A BUFFER

SIGHT TRIANGLE (TYP.)

REFER TO ROAD WIDENING PLANS FOR ROLESVILLE ROAD IMPROVEMENTS

20' PRIVATE DRAINAGE EASEMENT (TYP.)

SEE SHEET C2.1

VALLEY CURB (TYP.)

5' SIDEWALK (TYP.)

AVERY LN

BRUNSWICK DR

10' CONCRETE GREENWAY

30" STANDARD CURB & GUTTER (TYP.)

MONUMENT SIGN EASEMENT
MONUMENT SIGN, DESIGN BY OTHERS

GREENWAY EASEMENT

GREENWAY CROSSING

AMENITY AREA PERMITTED THROUGH SEPARATE SITE PLAN PROCESS

FENCE

CHAINLINK FENCE

RETAINING WALL DESIGN BY OTHERS

PARKING SIGNAGE FOR MAIL KIOSK

MAIL KIOSK CBU (12)

CARTERET

30" CURB AND GU

LOT 59
DRIVEWAY TO BE LOCATED OUTSIDE OF ROUNDABOUT

PHASE 1

SIGHT DISTANCE TRIANGLE (TYP.)

WETLANDS

STORMWATER CONTROL MEASURE "2" (DRY POND)

PAGE DR

OS - 1000 7,000 SF
OS - 1001 16,318 SF
OS ACTIVE - 1003 3,262 SF
OS ACTIVE - 1006 21,215 SF
OS - 1007 22,522 SF
OS CONS - 579 49,747 SF
OS - 1004 38,010 SF

ROSEVILLE CROSSING AS-BUILT INFO

LOT 13 WEST LLOYD LEE JR DB 12777, PG 1559 PIN 1767-37-5272

LOT 11 ALFRED C THOMAS DB 12779, PG 2611 PIN 1767-37-7282

LOT 10 JOSE L HERNANDEZ DB 17687, PG 672 PIN 1767-47-0283

LOT 4 REGINALD HOPKINS DB 8496, PG 2630 PIN 1767-47-2196

LOT 5 DONNA WATKINS DB 16324, PG 1810 PIN 1767-47-4134

LOT 6 WATER DEAN SAULS DB 11390, PG 1138 PIN 1767-46-5953

"WOODS CROSSING SUBDIVISION" BM 2006, PG 466

TAVISTON COURT 50' PUBLIC R/W

Approx. Location of Exist ROW

Approx. Location of Exist ROW

GENERAL NOTES:

1. REFER TO OVERALL SITE PLAN SHEET FOR SITE PLAN NOTES.

KEY MAP 1"=1000'

SCALE 1"=50'

NAD 83

S:\032\43398-Wheeler_Tract\DWG\Sheet\ASBUILT\CAD\WATER\43398C-C2.1-SITE ENLARGEMENTS.dwg | Plotted on 12/16/2025 3:16 PM | by Christopher Hair

Signed by: Jonathan Scott Smither 28539 (NC)
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITHER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
03-14-2025	GRADING AND STORM IMPROVEMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - WATER - AB

JOB NO. 43398
SHEET NO. ASBW2.3

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Signed by: Jonathan Smith 2853A...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND STORM ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - WATER - AB

JOB NO. 43398

SHEET NO. ASBW2.4

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ROSEVILLE CROSSING AS-BUILT INFO

GENERAL NOTES:
1. REFER TO OVERALL SITE PLAN SHEET FOR SITE PLAN NOTES.

KEY MAP 1"=1000'

SCALE 1"=50' (0, 50', 100')

NAD 83

S:\32\43398-Wheeler_Tract\DWG\Sheet\ASBUILT\CAD\WATER\43398C-C2-1-SITE ENLARGEMENTS.dwg | Plotted on 12/16/2025 3:15 PM by Christopher Hiatt

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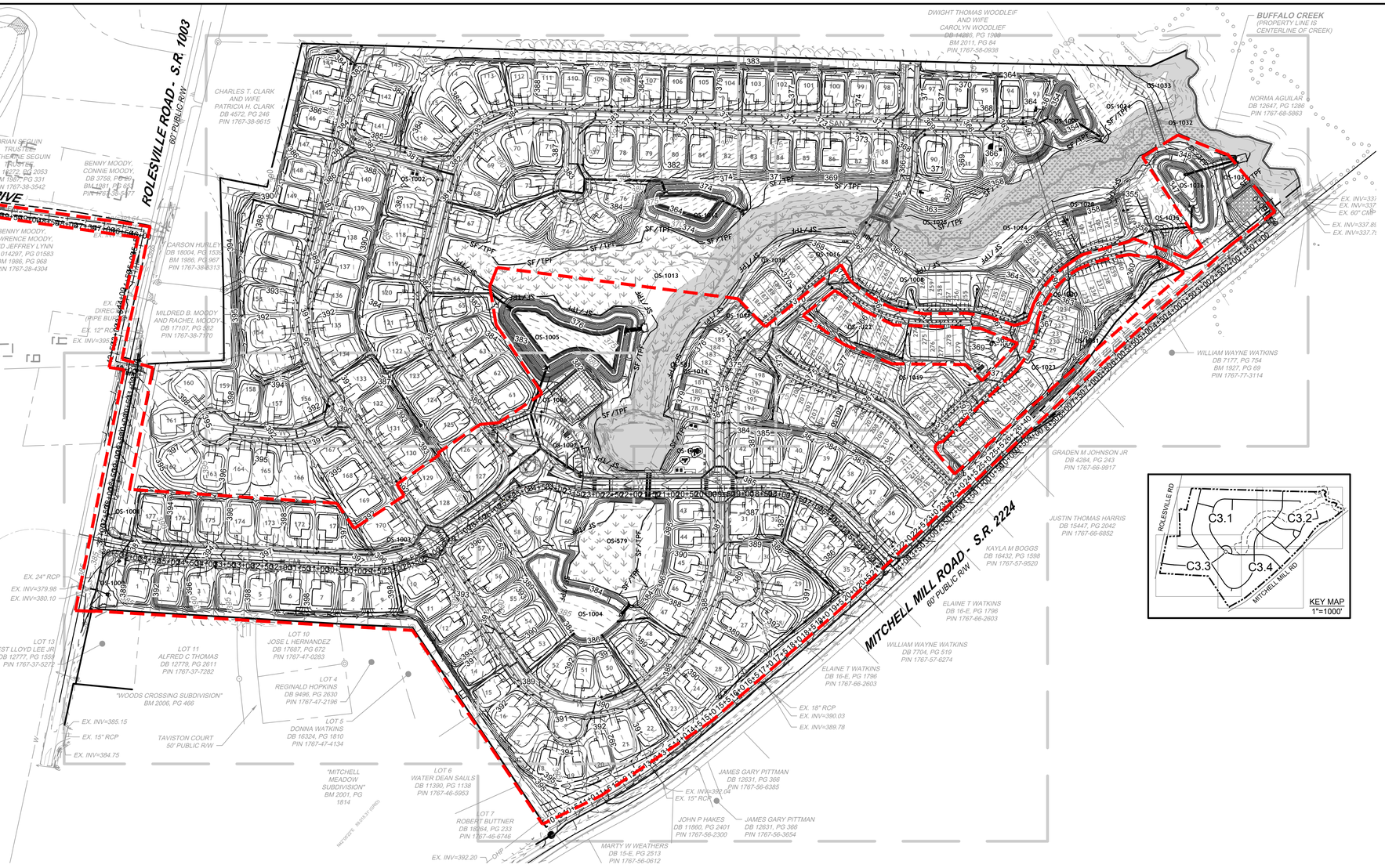

GRADING AND STORM DRAINAGE NOTES

1. CONTRACTOR SHALL CALL "NORTH CAROLINA ONE CALL" (811) AT LEAST 3-12 BUSINESS DAYS PRIOR TO DIGGING TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR TO COORDINATE ACTIVITIES WITH UTILITY COMPANIES INVOLVED IN ANY RELATED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
3. EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. THE CATCH BASINS AND YARD INLETS SHALL BE CONSTRUCTED IN THE LOCATIONS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPORTING ANY DISCREPANCIES IN THE CATCH BASIN ELEVATIONS OR THE PROPOSED PIPE SLOPES TO THE ENGINEER. THE CONTRACTOR IS ALSO RESPONSIBLE TO REPORT ANY CONFLICTS BETWEEN ANY UTILITY, STORM DRAIN LINE, WATER LINE, SEWER LINE OR ANY OTHER PROPOSED OR EXISTING STRUCTURE TO THE ENGINEER.
5. A LAND DISTURBING PERMIT WILL BE REQUIRED PRIOR TO THE COMMENCEMENT OF ANY LAND-DISTURBING ACTIVITIES.
6. ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, VALVE BOXES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISHED GRADE.
7. ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE OWNER'S INDEPENDENT TESTING LABORATORY.
8. ALL SPOT ELEVATIONS INDICATED ARE AT TOP OF CURB UNLESS NOTED OTHERWISE. ALL ELEVATIONS ARE BASED ON VERTICAL DATUM NAVD88.
9. A PRE-CONSTRUCTION MEETING MUST BE SCHEDULED PRIOR TO ANY WORK, GRADING OR INSTALLATION OF EROSION CONTROL MEASURES.
10. ALL HANDICAP PARKING SPACES AND STRIPED ACCESSIBILITY AISLES ARE TO HAVE NO MORE THAN A 1:50 (2.0%) SLOPE IN ALL DIRECTIONS. ALL SIDEWALKS ARE TO HAVE NO MORE THAN A 1:20 (5.0%) SLOPE FOR THE LENGTH OF THE SIDEWALK AND NO MORE THAN A 1:50 (2.0%) SLOPE FOR THE WIDTH OF THE SIDEWALK.
11. CONTRACTOR TO IDENTIFY ALL NECESSARY SPILL CURB SECTION LOCATIONS AND INSTALL TO ENSURE POSITIVE DRAINAGE TO STORM STRUCTURES.
12. IF CONTRACTOR NOTICES ANY DISCREPANCIES IN ANY OF THESE SLOPE REQUIREMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE OWNER PRIOR TO POURING ANY CONCRETE SO THAT A SOLUTION CAN BE FOUND.
13. SPOT ELEVATIONS ARE GIVEN AT THE MAJORITY OF THE MAJOR BREAK POINTS BUT IT SHOULD NOT BE ASSUMED THAT ALL NECESSARY SPOT ELEVATIONS ARE SHOWN. DUE TO SPACE LIMITATIONS, THERE MAY BE OTHER CRITICAL SPOTS NOT LABELED THAT SHOULD BE TAKEN INTO CONSIDERATION. THE CONTRACTOR SHALL REVIEW THE GRADING PLAN IN DETAIL AND SHALL ENSURE THAT ALL CRITICAL GRADE POINTS ARE STAKED AND FOLLOWED TO PROVIDE POSITIVE DRAINAGE.
14. EXISTING VEGETATION WITHIN TREE PROTECTIVE AREAS SHALL REMAIN UNDISTURBED UNLESS NOTED OTHWISE. ANY AND ALL LANDSCAPING AND EXISTING TREES AND SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR USING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
15. THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE. THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR OR THE ENGINEER.
16. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEARING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
17. ALL CATCH BASINS MUST BE MARKED "DUMP NO WASTE DRAINS TO STREAM" OR EQUIVALENT.
18. RETAINING WALLS TO BE DESIGNED BY OTHERS' STRUCTURAL ENGINEER.
19. WALLS GREATER THAN 30" IN HEIGHT TO HAVE 42" SAFETY RAIL.

ROSEVILLE CROSSING AS-BUILT INFO

DITCH NAME	TOP WIDTH "A"	MIN. DITCH DEPTH (FT) "B"	BOTTOM WIDTH (FT) "C"	SIDE SLOPE "D"	LINER TYPE & THICKNESS
PDD-1	7 FT	1 FT	1	3:1	North American Green, S75
PDD-2	7.6 FT	1.1 FT	1	3:1	North American Green, S75
PDD-3	8.2 FT	1.2 FT	1	3:1	North American Green, S75
PDD-4	9.6 FT	1.6 FT	0	3:1	North American Green, S75
PDD-5	10 FT	1 FT	0	3:1	North American Green, S75
PDD-6	20 FT	1 FT	0	3:1	North American Green, S75
PDD-7	8 FT	1 FT	1	3:1	North American Green, S75
PDD-8	8.2 FT	1.2 FT	1	3:1	North American Green, S75
PDD-9	10.8 FT	1.4 FT	1	3:1	North American Green, S75
PDD-10	7 FT	1 FT	1	3:1	North American Green, S75
PDD-11	8.2 FT	1.2 FT	1	3:1	North American Green, S75
PDD-12	6 FT	1 FT	0	3:1	North American Green, SC150
PDD-13	7.2 FT	1.2 FT	0	3:1	North American Green, S75
PDD-14	12 FT	1 FT	0	3:1	North American Green, S75
PDD-15	5.6 FT	1.4 FT	0	3:1	North American Green, S150
PDD-16	7.8 FT	1.3 FT	0	3:1	North American Green, S75
PDD-17	9 FT	1 FT	3	3:1	North American Green, S75
PDD-18	6.6 FT	1.1 FT	0	3:1	North American Green, S75
PDD-19	10 FT	1 FT	0	3:1	North American Green, S75
PDD-20	7.2 FT	1.2 FT	0	3:1	North American Green, S75
PDD-21	6 FT	1 FT	0	3:1	North American Green, S75
PDD-22	6 FT	1 FT	0	3:1	North American Green, S75
PDD-23	8.8 FT	1.3 FT	1	3:1	North American Green, SC150
PDD-24	6 FT	1 FT	0	3:1	North American Green, S75
PDD-25	6.6 FT	1.1 FT	0	3:1	North American Green, S150
PDD-26	6 FT	1 FT	0	3:1	North American Green, S75
PDD-27	8.2 FT	1.2 FT	1	3:1	North American Green, S75
PDD-28	6 FT	1 FT	0	3:1	North American Green, S75
PDD-29	6 FT	1 FT	0	3:1	North American Green, S75
PDD-30	6 FT	1 FT	0	3:1	North American Green, S75

REFER TO SHEETS C3.1-C3.4 FOR LOCATIONS OF PERMANENT DITCHES.

Signed by: Jonathan Smitter 2853A1A4A1E4E4...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
03-15-2024	GRADING AND STORM ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILTS

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

OVERALL GRADING AND DRAINAGR PLAN - AB

JOB NO. 43398
SHEET NO. ASB3.0

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STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
CB101	387.82 ~~387.82~~'	370.64 ~~370.75~~' (42" RCP FROM CB102) 374.81 ~~375.00~~' (15" RCP FROM CB112)	370.44 ~~370.65~~' (48" RCP TO EW100)	NCDOT 840.02 CONCRETE CATCH BASIN
CB102	386.23 ~~386.25~~'	371.57 ~~371.50~~' (42" RCP FROM CB183) 371.18 ~~371.30~~' (42" RCP FROM CB114)	371.14 ~~371.24~~' (42" RCP TO CB101)	NCDOT 840.02 CONCRETE CATCH BASIN
CB103	387.25 ~~387.22~~'	375.06 ~~375.06~~' (36" RCP FROM CB104) 381.38 ~~381.32~~' (15" RCP FROM CB181)	374.91 ~~374.96~~' (36" RCP TO CB183)	NCDOT 840.02 CONCRETE CATCH BASIN
CB104	392.22 ~~392.16~~'	376.20 ~~376.20~~' (30" RCP FROM CB105) 382.21 ~~385.00~~' (24" RCP FROM CB136)	376.08 ~~376.10~~' (36" RCP TO CB103)	NCDOT 840.02 CONCRETE CATCH BASIN
CB105	392.43 ~~392.54~~'	376.50 ~~376.55~~' (30" RCP FROM CB106) 385.39 ~~385.10~~' (15" RCP FROM VI139)	376.50 ~~376.45~~' (30" RCP TO CB104)	NCDOT 840.02 CONCRETE CATCH BASIN
CB106	394.48 ~~394.42~~'	377.09 ~~377.05~~' (30" RCP FROM CB107)	376.98 ~~376.95~~' (30" RCP TO CB105)	NCDOT 840.02 CONCRETE CATCH BASIN
CB107	396.60 ~~396.68~~'	377.98 ~~377.81~~' (30" RCP FROM CB108) 382.82 ~~383.00~~' (18" RCP FROM DI141)	377.83 ~~377.71~~' (30" RCP TO CB106)	NCDOT 840.02 CONCRETE CATCH BASIN
CB108	397.63 ~~397.76~~'	389.47 ~~389.50~~' (15" RCP FROM CB144) 378.64 ~~378.43~~' (24" RCP FROM CB109)	378.58 ~~378.33~~' (30" RCP TO CB107)	NCDOT 840.02 CONCRETE CATCH BASIN
CB109	393.03 ~~393.12~~'	380.94 ~~380.88~~' (24" RCP FROM CB110) 385.94 ~~385.91~~' (15" RCP FROM CB146)	380.86 ~~380.78~~' (24" RCP TO CB108)	NCDOT 840.02 CONCRETE CATCH BASIN
CB110	386.87 ~~386.73~~'	381.91 ~~382.20~~' (18" RCP FROM DI111) 382.38 ~~382.00~~' (15" RCP FROM CB147) 382.02 ~~381.90~~' (18" RCP FROM CB182)	381.90 ~~381.80~~' (24" RCP TO CB109)	NCDOT 840.02 CONCRETE CATCH BASIN
CB112	388.97 ~~389.02~~'	377.51 ~~377.50~~' (15" RCP FROM CB113)	377.42 ~~377.30~~' (15" RCP TO CB101)	NCDOT 840.02 CONCRETE CATCH BASIN
CB113	388.50 ~~388.52~~'		378.04 ~~378.00~~' (15" RCP TO CB112)	NCDOT 840.02 CONCRETE CATCH BASIN
CB114	383.99 ~~384.27~~'	371.98 ~~372.10~~' (30" RCP FROM CB115) 377.30 ~~378.00~~' (15" RCP FROM CB124) 377.98 ~~377.50~~' (15" RCP FROM CB125)	371.95 ~~371.08~~' (42" RCP TO CB102)	NCDOT 840.02 CONCRETE CATCH BASIN
CB115	384.80 ~~384.75~~'	372.56 ~~372.65~~' (30" RCP FROM CB116) 378.24 ~~378.50~~' (15" RCP FROM CB126)	372.37 ~~372.51~~' (30" RCP TO CB114)	NCDOT 840.02 CONCRETE CATCH BASIN
CB116	386.46 ~~386.55~~'	373.93 ~~374.00~~' (30" RCP FROM CB117) 377.40 ~~377.32~~' (18" RCP FROM CB127)	373.89 ~~373.90~~' (30" RCP TO CB115)	NCDOT 840.02 CONCRETE CATCH BASIN
CB117	385.66 ~~385.70~~'	375.47 ~~375.80~~' (30" RCP FROM CB118) 375.89 ~~376.00~~' (18" RCP FROM CB132)	373.99 ~~374.25~~' (30" RCP TO CB116)	NCDOT 840.02 CONCRETE CATCH BASIN
CB118	385.53 ~~385.70~~'	375.94 ~~376.25~~' (30" RCP FROM CB119)	375.94 ~~376.00~~' (30" RCP TO CB117)	NCDOT 840.02 CONCRETE CATCH BASIN
CB119	385.59 ~~385.64~~'	376.39 ~~376.60~~' (30" RCP FROM CB120)	376.37 ~~376.60~~' (30" RCP TO CB118)	NCDOT 840.02 CONCRETE CATCH BASIN
CB120	384.42 ~~384.51~~'	377.06 ~~377.37~~' (24" RCP FROM CB121) 377.29 ~~377.70~~' (24" RCP FROM CB134)	377.02 ~~377.37~~' (30" RCP TO CB119)	NCDOT 840.02 CONCRETE CATCH BASIN
CB121	383.66 ~~383.79~~'	377.59 ~~377.84~~' (18" RCP FROM CB122)	377.57 ~~377.84~~' (24" RCP TO CB120)	NCDOT 840.02 CONCRETE CATCH BASIN
CB122	383.29 ~~383.33~~'	378.46 ~~378.70~~' (18" RCP FROM CB123) 379.45 ~~379.41~~' (15" RCP FROM CB148A)	378.28 ~~378.50~~' (18" RCP TO CB121)	NCDOT 840.02 CONCRETE CATCH BASIN
CB123	384.98 ~~385.06~~'		380.16 ~~380.00~~' (18" RCP TO CB122)	NCDOT 840.02 CONCRETE CATCH BASIN
CB124	384.17 ~~384.12~~'		379.30 ~~379.41~~' (15" RCP TO CB114)	NCDOT 840.02 CONCRETE CATCH BASIN
CB125	384.28 ~~384.27~~'		380.10 ~~379.38~~' (15" RCP TO CB114)	NCDOT 840.02 CONCRETE CATCH BASIN
CB126	384.72 ~~384.75~~'		378.89 ~~379.00~~' (15" RCP TO CB115)	NCDOT 840.02 CONCRETE CATCH BASIN
CB127	386.47 ~~386.55~~'	377.82 ~~377.63~~' (18" RCP FROM CB128)	377.80 ~~377.53~~' (18" RCP TO CB116)	NCDOT 840.02 CONCRETE CATCH BASIN
CB128	386.67 ~~386.69~~'	378.56 ~~378.50~~' (18" RCP FROM CB129)	378.38 ~~378.30~~' (18" RCP TO CB127)	NCDOT 840.02 CONCRETE CATCH BASIN
CB129	386.61 ~~386.69~~'	379.83 ~~378.90~~' (15" RCP FROM CB130) 379.56 ~~379.85~~' (15" RCP FROM CB149)	378.92 ~~378.80~~' (18" RCP TO CB128)	NCDOT 840.02 CONCRETE CATCH BASIN
CB130	387.65 ~~387.79~~'	381.36 ~~381.50~~' (15" RCP FROM CB131)	381.17 ~~381.30~~' (15" RCP TO CB129)	NCDOT 840.02 CONCRETE CATCH BASIN
CB131	387.99 ~~388.08~~'		381.67 ~~382.12~~' (15" RCP TO CB130)	NCDOT 840.02 CONCRETE CATCH BASIN
CB132	382.13 ~~382.27~~'	377.31 ~~377.30~~' (15" RCP FROM CB133)	376.98 ~~377.00~~' (18" RCP TO CB117)	NCDOT 840.02 CONCRETE CATCH BASIN
CB133	382.25 ~~382.19~~'		377.63 ~~377.70~~' (15" RCP TO CB132)	NCDOT 840.02 CONCRETE CATCH BASIN
CB134	383.86 ~~383.96~~'	378.05 ~~378.15~~' (24" RCP FROM DI135)	377.88 ~~378.15~~' (24" RCP TO CB120)	NCDOT 840.02 CONCRETE CATCH BASIN
CB136	392.25 ~~392.15~~'	384.23 ~~385.31~~' (18" RCP FROM CB137)	384.13 ~~385.21~~' (24" RCP TO CB104)	NCDOT 840.02 CONCRETE CATCH BASIN
CB137	394.16 ~~394.19~~'	386.19 ~~386.14~~' (15" RCP FROM CB138)	386.03 ~~385.94~~' (18" RCP TO CB136)	NCDOT 840.02 CONCRETE CATCH BASIN
CB138	394.32 ~~394.33~~'	386.80 ~~386.75~~' (15" RCP FROM CB190)	386.75 ~~386.55~~' (15" RCP TO CB137)	NCDOT 840.02 CONCRETE CATCH BASIN
CB144	397.72 ~~397.76~~'		390.61 ~~390.50~~' (15" RCP TO CB108)	NCDOT 840.02 CONCRETE CATCH BASIN
CB146	392.37 ~~392.43~~'		388.15 ~~388.00~~' (15" RCP TO CB109)	NCDOT 840.02 CONCRETE CATCH BASIN
CB147	386.27 ~~386.36~~'		382.71 ~~382.65~~' (15" RCP TO CB110)	NCDOT 840.02 CONCRETE CATCH BASIN
CB148A	383.31 ~~383.33~~'	380.14 ~~379.80~~' (15" RCP FROM CB148B)	379.79 ~~379.75~~' (15" RCP TO CB122)	NCDOT 840.02 CONCRETE CATCH BASIN
CB148B	383.29 ~~383.34~~'		380.22 ~~379.90~~' (15" RCP TO CB148A)	NCDOT 840.02 CONCRETE CATCH BASIN
CB149	385.66 ~~385.63~~'		380.31 ~~380.31~~' (15" RCP TO CB129)	NCDOT 840.02 CONCRETE CATCH BASIN
CB181	387.26 ~~387.21~~'		383.03 ~~383.00~~' (15" RCP TO CB103)	NCDOT 840.02 CONCRETE CATCH BASIN
CB182	386.00 ~~385.98~~'		382.46 ~~382.20~~' (18" RCP TO CB110)	NCDOT 840.02 CONCRETE CATCH BASIN
CB183	386.74 ~~386.74~~'	373.31 ~~373.20~~' (36" RCP FROM CB103)	372.86 ~~373.00~~' (42" RCP TO CB102)	NCDOT 840.02 CONCRETE CATCH BASIN
CB190	395.68 ~~395.70~~'	387.63 ~~387.56~~' (15" RCP FROM DI192)	387.52 ~~387.56~~' (15" RCP TO CB138)	NCDOT 840.02 CONCRETE CATCH BASIN
DI 153A	385.07'		381.30' (18" RCP TO DI153)	36" X 36" SLAB TOP YARD INLET
DI 167A	390.84'		387.00' (15" RCP TO DI167)	36" X 36" SLAB TOP YARD INLET
DI111	389.34 ~~388.29~~'		387.11 ~~384.00~~' (18" RCP TO CB110)	36" X 36" SLAB TOP YARD INLET
DI135	382.15 ~~382.12~~'	378.87 ~~378.94~~' (24" RCP FROM DI188)	378.84 ~~378.84~~' (24" RCP TO CB134)	36" X 36" SLAB TOP YARD INLET

ROSEVILLE CROSSING AS-BUILT INFO

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
DI141	391.92 ~~390.93~~'	384.40 ~~384.20~~' (18" RCP FROM DI142)	384.12 ~~384.00~~' (18" RCP TO CB107)	36" X 36" SLAB TOP YARD INLET
DI142	392.67 ~~393.30~~'	385.23 ~~385.20~~' (18" RCP FROM DI143) 385.20 ~~386.00~~' (18" RCP FROM DI143A)	385.04 ~~385.00~~' (18" RCP TO DI141)	36" X 36" SLAB TOP YARD INLET
DI143	391.14 ~~393.10~~'		385.64 ~~385.80~~' (18" RCP TO DI142)	36" X 36" SLAB TOP YARD INLET
DI143A	390.65 ~~391.64~~'		386.49 ~~386.50~~' (18" RCP TO DI142)	36" X 36" SLAB TOP YARD INLET
DI149	378.86'	371.10' (30" RCP FROM VI150)	371.00' (48" RCP TO EW148)	60" X 60" SLAB TOP YARD INLET
DI153	382.56'	376.63' (30" RCP FROM DI154) 378.50' (18" RCP FROM DI 153A)	376.50' (30" RCP TO VI152)	36" X 36" SLAB TOP YARD INLET
DI154	383.86'	377.34' (30" RCP FROM VI155)	377.10' (30" RCP TO DI153)	36" X 36" SLAB TOP YARD INLET
DI163	381.79'		378.60' (15" RCP TO VI162)	36" X 36" SLAB TOP YARD INLET
DI167	388.50'	384.77' (15" RCP FROM DI 167A)	384.60' (15" RCP TO VI166)	36" X 36" SLAB TOP YARD INLET
DI188	384.33 ~~384.27~~'	380.32 ~~380.30~~' (18" RCP FROM DI195)	380.07 ~~380.10~~' (24" RCP TO DI135)	36" X 36" SLAB TOP YARD INLET
DI192	393.31 ~~392.26~~'	388.52 ~~388.60~~' (15" RCP FROM DI192B)	388.41 ~~388.40~~' (15" RCP TO CB190)	36" X 36" SLAB TOP YARD INLET
DI192B	397.10 ~~395.78~~'	389.62 ~~389.95~~' (15" RCP FROM DI193)	389.62 ~~389.75~~' (15" RCP TO DI192)	36" X 36" SLAB TOP YARD INLET
DI193	394.35 ~~393.48~~'	390.87 ~~390.95~~' (12" HDPE FROM DI193B)	390.58 ~~390.75~~' (15" RCP TO DI192B)	36" X 36" SLAB TOP YARD INLET
DI193B	395.73 ~~396.89~~'	391.77 ~~392.03~~' (12" HDPE FROM DI193C)	391.77 ~~391.83~~' (12" HDPE TO DI193)	24" X 24" NYLOPLAST YARD INLET
DI193C	396.27 ~~396.36~~'		392.76 ~~392.84~~' (12" HDPE TO DI193B)	24" X 24" NYLOPLAST YARD INLET
DI194	387.15 ~~385.64~~'		383.17 ~~383.10~~' (15" RCP TO DI195)	36" X 36" SLAB TOP YARD INLET
DI195	385.64 ~~384.95~~'	381.88 ~~381.90~~' (15" RCP FROM DI194)	381.77 ~~381.80~~' (18" RCP TO DI188)	36" X 36" SLAB TOP YARD INLET
EW100	374.45 ~~374.50~~'	369.93 ~~370.00~~' (48" RCP FROM CB101)		NCDOT 838.80 CONCRETE ENDWALL
EW148	374.50'	370.00' (48" RCP FROM DI149)		NCDOT 838.80 CONCRETE ENDWALL
VI139	391.88 ~~391.44~~'	386.18 ~~386.03~~' (15" RCP FROM VI140)	385.98 ~~385.93~~' (15" RCP TO CB105)	VALLEY GUTTER INLET
VI140	391.96 ~~391.44~~'		386.95 ~~387.00~~' (15" RCP TO VI139)	VALLEY GUTTER INLET
VI150	382.39'	372.90' (30" RCP FROM VI151) 377.50' (15" RCP FROM VI162)	372.80' (30" RCP TO DI149)	VALLEY GUTTER INLET
VI151	383.04'	373.30' (30" RCP FROM VI152)	373.20' (30" RCP TO VI150)	VALLEY GUTTER INLET
VI152	385.53'	375.54' (30" RCP FROM DI153) 378.00' (15" RCP FROM VI164)	375.40' (30" RCP TO VI151)	VALLEY GUTTER INLET
VI155	389.52'	378.50' (24" RCP FROM VI156)	378.30' (30" RCP TO DI154)	VALLEY GUTTER INLET
VI156	389.37'	379.00' (24" RCP FROM VI157)	378.80' (24" RCP TO VI155)	VALLEY GUTTER INLET
VI157	389.37'	383.00' (18" RCP FROM VI158) 382.00' (15" RCP FROM VI180)	379.40' (24" RCP TO VI156)	VALLEY GUTTER INLET
VI158	389.15'	385.29' (18" RCP FROM VI159) 385.70' (15" RCP FROM VI168)	385.00' (18" RCP TO VI157)	VALLEY GUTTER INLET
VI159	390.36'	386.70' (15" RCP FROM VI160) 386.90' (15" RCP FROM VI170)	386.50' (18" RCP TO VI158)	VALLEY GUTTER INLET
VI160	393.90'	390.50' (15" RCP FROM VI161)	390.30' (15" RCP TO VI159)	VALLEY GUTTER INLET
VI161	393.90'		390.76' (15" RCP TO VI160)	VALLEY GUTTER INLET
VI162	381.81'	377.90' (15" RCP FROM DI163)	377.80' (15" RCP TO VI150)	VALLEY GUTTER INLET
VI164	387.00'	383.00' (15" RCP FROM VI165)	379.45' (15" RCP TO VI152)	VALLEY GUTTER INLET
VI165	387.94'		385.00' (15" RCP TO VI164)	VALLEY GUTTER INLET
VI166	390.26'	384.20' (15" RCP FROM DI167)	384.00' (15" RCP TO VI180)	VALLEY GUTTER INLET
VI168	389.17'	386.00' (15" RCP FROM VI169)	385.90' (15" RCP TO VI158)	VALLEY GUTTER INLET
VI169	390.83'		386.76' (15" RCP TO VI168)	VALLEY GUTTER INLET
VI170	390.36'		387.10' (15" RCP TO VI159)	VALLEY GUTTER INLET
VI180	389.81'	383.20' (15" RCP FROM VI166)	383.00' (15" RCP TO VI157)	VALLEY GUTTER INLET

STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
CB202	389.13 ~~389.19~~'	384.36 ~~384.40~~' (24" RCP FROM CB206) 383.94 ~~384.20~~' (24" RCP FROM CB208)	383.71 ~~383.75~~' (30" RCP TO FE201)	NCDOT 840.02 CONCRETE CATCH BASIN
CB204	387.77 ~~387.81~~'	384.31 ~~384.36~~' (15" RCP FROM CB205)	383.98 ~~384.16~~' (24" RCP TO DI203A)	NCDOT 840.02 CONCRETE CATCH BASIN
CB205	387.58 ~~387.81~~'		384.55 ~~384.50~~' (15" RCP TO CB204)	NCDOT 840.02 CONCRETE CATCH BASIN
CB206	390.17 ~~390.49~~'	386.84 ~~385.30~~' (15" RCP FROM CB207)	385.13 ~~385.10~~' (24" RCP TO CB202)	NCDOT 840.02 CONCRETE CATCH BASIN
CB207	390.40 ~~390.56~~'		387.00 ~~385.60~~' (15" RCP TO CB206)	NCDOT 840.02 CONCRETE CATCH BASIN
CB208	389.13 ~~389.19~~'	384.61 ~~384.60~~' (18" RCP FROM DI209)	384.28 ~~384.40~~' (24" RCP TO CB202)	NCDOT 840.02 CONCRETE CATCH BASIN
CB213	388.91 ~~388.95~~'	384.23 ~~384.30~~' (30" RCP FROM CB214)	384.17 ~~384.10~~' (30" RCP TO FE212)	NCDOT 840.02 CONCRETE CATCH BASIN
CB214	388.77 ~~388.70~~'	384.82 ~~384.60~~' (18" RCP FROM CB215) 384.45 ~~384.60~~' (24" RCP FROM CB217)	384.21 ~~384.50~~' (30" RCP TO CB213)	NCDOT 840.02 CONCRETE CATCH BASIN
CB215	390.14 ~~390.18~~'	385.46 ~~385.25~~' (15" RCP FROM CB216)	385.33 ~~385.15~~' (18" RCP TO CB214)	NCDOT 840.02 CONCRETE CATCH BASIN
CB216	391.26 ~~391.32~~'		387.57 ~~387.62~~' (15" RCP TO CB215)	NCDOT 840.02 CONCRETE CATCH BASIN
CB217	388.67 ~~388.67~~'	384.62 ~~384.85~~' (24" RCP FROM CB218)	384.57 ~~384.75~~' (24" RCP TO CB214)	NCDOT 840.02 CONCRETE CATCH BASIN
CB218	388.76 ~~388.69~~'	384.81 ~~385.00~~' (24" RCP FROM DI219)	384.66 ~~384.90~~' (24" RCP TO CB217)	NCDOT 840.02 CONCRETE CATCH BASIN
DI203	388.94 ~~387.21~~'	383.54 ~~383.50~~' (24" RCP FROM DI203A)	383.44 ~~383.40~~' (24" RCP TO EW220)	36" X 36" SLAB TOP YARD INLET
DI203A	390.18 ~~388.55~~'	383.94 ~~383.95~~' (24" RCP FROM CB204)	383.91 ~~383.85~~' (24" RCP TO DI203)	36" X 36" SLAB TOP YARD INLET
DI209	389.04 ~~388.00~~'	N/A	385.54 ~~385.40~~' (18" RCP TO CB208)	36" X 36" SLAB TOP YARD INLET
DI219	389.64 ~~388.89~~'	N/A	385.39 ~~385.70~~' (24" RCP TO CB218)	36" X 36" SLAB TOP YARD INLET
EW220	385.25'	382.92 ~~383.00~~' (24" RCP FROM DI203)		NCDOT 838.80 CONCRETE ENDWALL
FE201	385.99'	383.12 ~~383.20~~' (30" RCP FROM CB202)		FLARED END SECTION
FE212	385.79'	382.80 ~~383.00~~' (30" RCP FROM CB213)		FLARED END SECTION

STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
CB304	360.93 ~~360.95~~'	352.97 ~~353.00~~' (36" RCP FROM CB305) 351.71 ~~351.62~~' (15" RCP FROM CB325)	350.43 ~~350.22~~' (36" RCP TO VI303)	NCDOT 840.02 CONCRETE CATCH BASIN
CB305	361.52 ~~361.55~~'	354.44 ~~354.00~~' (36" RCP FROM VI306) 355.64 ~~355.80~~' (15" RCP FROM VI398)	354.16 ~~353.80~~' (36" RCP TO CB304)	NCDOT 840.02 CONCRETE CATCH BASIN
CB311	365.55 ~~365.57~~'	360.11 ~~360.00~~' (30" RCP FROM VI312) 361.35 ~~361.40~~' (18" RCP FROM VI337)	359.80 ~~359.80~~' (30" RCP TO VI310)	NCDOT 840.02 CONCRETE CATCH BASIN
CB323	355.45 ~~355.26~~'		351.92 ~~351.75~~' (15" RCP TO VI302)	NCDOT 840.02 CONCRETE CATCH BASIN
CB325	355.52 ~~355.50~~'		351.73 ~~352.20~~' (15" RCP TO CB304)	NCDOT 840.02 CONCRETE CATCH BASIN
CB332	372.12 ~~372.13~~'	365.84 ~~367.00~~' (15" RCP FROM DI397)	365.79 ~~367.00~~' (15" RCP TO VI328)	NCDOT 840.02 CONCRETE CATCH BASIN
CB333	365.76 ~~365.69~~'	361.73 ~~361.70~~' (15" RCP FROM CB334)	361.64 ~~361.50~~' (15" RCP TO VI308)	NCDOT 840.02 CONCRETE CATCH BASIN
CB334	366.62 ~~366.62~~'		362.06 ~~362.20~~' (15" RCP TO CB333)	NCDOT 840.02 CONCRETE CATCH BASIN
CB343	372.45 ~~372.50~~'	368.37 ~~368.50~~' (15" RCP FROM VI344)	368.20 ~~368.30~~' (15" RCP TO VI342)	NCDOT 840.02 CONCRETE CATCH BASIN
CB345	369.95 ~~370.84~~'		368.04 ~~367.90~~' (15" RCP TO VI342)	NCDOT 840.02 CONCRETE CATCH BASIN
CB350	370.23 ~~370.20~~'	363.43 ~~363.20~~' (18" RCP FROM VI328)	363.30 ~~363.00~~' (18" RCP TO VI327)	NCDOT 840.02 CONCRETE CATCH BASIN
DI324	353.60 ~~353.27~~'		348.44 ~~348.52~~' (30" RCP TO VI302)	36" X 36" SLAB TOP YARD INLET
DI336	364.36 ~~362.83~~'	360.80 ~~360.95~~' (15" RCP FROM DI362)	360.67 ~~360.75~~' (15" RCP TO VI335)	36" X 36" SLAB TOP YARD INLET
DI341	370.82 ~~369.88~~'		365.59 ~~365.89~~' (18" RCP TO VI315)	36" X 36" SLAB TOP YARD INLET
DI347	372.42 ~~371.27~~'	368.71 ~~368.80~~' (15" RCP FROM VI348)	368.64 ~~368.70~~' (18" RCP TO VI346)	36" X 36" SLAB TOP YARD INLET
DI361	364.39 ~~363.02~~'		360.29 ~~359.90~~' (15" RCP TO VI310)	36" X 36" SLAB TOP YARD INLET
DI362	365.69 ~~364.00~~'		361.86 ~~361.90~~' (15" RCP TO DI336)	36" X 36" SLAB TOP YARD INLET
DI380	364.92 ~~363.31~~'		361.85 ~~361.80~~' (15" RCP TO VI308)	36" X 36" SLAB TOP YARD INLET
DI381	373.56 ~~372.55~~'	369.00 ~~369.20~~' (18" RCP FROM DI382)	368.89 ~~369.10~~' (24" RCP TO VI346)	36" X 36" SLAB TOP YARD INLET
DI382	374.04 ~~373.19~~'		370.21 ~~370.30~~' (18" RCP TO DI381)	36" X 36" SLAB TOP YARD INLET
DI397	373.14 ~~372.50~~'		366.85 ~~367.80~~' (15" RCP TO CB332)	36" X 36" SLAB TOP YARD INLET
DI399	360.74 ~~359.00~~'		356.91 ~~356.00~~' (15" RCP TO VI398)	36" X 36" SLAB TOP YARD INLET
EW300	349.74 ~~348.42~~'	344.92 ~~345.00~~' (36" RCP FROM JB301)		NCDOT 838.80 CONCRETE ENDWALL
JB301	351.39 ~~351.42~~'	346.26 ~~346.12~~' (36" RCP FROM VI302)	345.86 ~~345.80~~' (36" RCP TO EW300)	NCDOT 840.34 TRAFFIC BEARING JUNCTION BO
VI276	367.96 ~~367.62~~'	357.13 ~~357.14~~' (36" RCP FROM VI308) 359.82 ~~359.98~~' (18" RCP FROM VI278)	357.00 ~~357.04~~' (36" RCP TO VI307)	VALLEY GUTTER INLET
VI278	368.13 ~~367.62~~'	364.28 ~~360.69~~' (18" RCP FROM VI327)	363.91 ~~360.19~~' (18" RCP TO VI276)	VALLEY GUTTER INLET
VI302	358.14 ~~357.69~~'	348.69 ~~348.90~~' (36" RCP FROM VI303) 350.36 ~~350.87~~' (15" RCP FROM CB323) 347.86 ~~347.92~~' (30" RCP FROM DI324)	347.70 ~~347.72~~' (36" RCP TO JB301)	VALLEY GUTTER INLET
VI303	359.78 ~~359.33~~'	349.41 ~~349.51~~' (36" RCP FROM CB304) 350.86 ~~351.00~~' (15" RCP FROM VI326)	349.36 ~~349.40~~' (36" RCP TO VI302)	VALLEY GUTTER INLET
VI306	364.77 ~~364.39~~'	356.45 ~~356.19~~' (36" RCP FROM VI307)	356.40 ~~356.09~~' (36" RCP TO CB305)	VALLEY GUTTER INLET
VI307	367.72 ~~367.28~~'	356.89 ~~356.77~~' (36" RCP FROM VI276)	356.84 ~~356.67~~' (36" RCP TO VI306)	VALLEY GUTTER INLET
VI308	365.84 ~~366.36~~'	357.74 ~~357.89~~' (30" RCP FROM VI309) 361.21 ~~361.20~~' (15" RCP FROM CB333) 365.23 ~~361.00~~' (15" RCP FROM DI380)	357.67 ~~357.79~~' (36" RCP TO VI276)	VALLEY GUTTER INLET
VI309	363.82 ~~363.39~~'	358.67 ~~358.71~~' (30" RCP FROM VI310) 358.58 ~~359.40~~' (18" RCP FROM VI334B)	358.41 ~~358.61~~' (30" RCP TO VI308)	VALLEY GUTTER INLET
VI310	364.44 ~~364.00~~'	359.25 ~~359.20~~' (30" RCP FROM CB311) 359.45 ~~359.20~~' (15" RCP FROM DI361)	359.04 ~~359.00~~' (30" RCP TO VI309)	VALLEY GUTTER INLET
VI312	367.63 ~~367.24~~'	362.28 ~~362.40~~' (30" RCP FROM VI314) 363.33 ~~363.53~~' (15" RCP FROM VI338)	362.19 ~~362.20~~' (30" RCP TO CB311)	VALLEY GUTTER INLET
VI314	368.92 ~~368.88~~'	362.92 ~~363.16~~' (30" RCP FROM VI315) 364.41 ~~364.70~~' (15" RCP FROM VI340)	362.80 ~~362.82~~' (30" RCP TO VI312)	VALLEY GUTTER INLET
VI315	370.34 ~~369.85~~'	363.87 ~~363.00~~' (24" RCP FROM VI316) 364.53 ~~364.91~~' (18" RCP FROM DI341)	363.57 ~~363.69~~' (30" RCP TO VI314)	VALLEY GUTTER INLET
VI316	371.14 ~~370.83~~'	365.02 ~~365.20~~' (24" RCP FROM VI317) 366.81 ~~367.00~~' (18" RCP FROM VI342)	364.93 ~~365.00~~' (24" RCP TO VI315)	VALLEY GUTTER INLET
VI317	372.45 ~~372.04~~'	366.03 ~~366.20~~' (18" RCP FROM VI318) 368.02 ~~368.10~~' (24" RCP FROM VI346)	365.99 ~~366.00~~' (24" RCP TO VI316)	VALLEY GUTTER INLET
VI318	374.14 ~~373.80~~'	368.13 ~~368.20~~' (18" RCP FROM VI319)	368.13 ~~368.00~~' (18" RCP TO VI317)	VALLEY GUTTER INLET
VI319	377.98 ~~377.52~~'	372.42 ~~372.70~~' (15" RCP FROM VI320) 373.94 ~~374.10~~' (15" RCP FROM VI349)	372.24 ~~372.50~~' (18" RCP TO VI318)	VALLEY GUTTER INLET
VI320	382.02 ~~381.60~~'	374.88 ~~375.20~~' (15" RCP FROM VI321)	374.78 ~~375.00~~' (15" RCP TO VI319)	VALLEY GUTTER INLET
VI321	381.52 ~~381.52~~'	376.32 ~~376.20~~' (15" RCP FROM VI322)	376.03 ~~376.00~~' (15" RCP TO VI320)	VALLEY GUTTER INLET
VI322	381.34 ~~380.94~~'		376.84 ~~376.70~~' (15" RCP TO VI321)	VALLEY GUTTER INLET
VI326	359.58 ~~359.36~~'		353.55 ~~353.00~~' (15" RCP TO VI303)	VALLEY GUTTER INLET
VI327	370.10 ~~369.60~~'	362.13 ~~362.00~~' (18" RCP FROM CB350)	361.79 ~~361.80~~' (18" RCP TO VI278)	VALLEY GUTTER INLET
VI328	371.57 ~~371.18~~'	365.62 ~~366.20~~' (15" RCP FROM VI329) 365.62 ~~366.20~~' (15" RCP FROM CB332)	365.55 ~~366.00~~' (18" RCP TO CB350)	VALLEY GUTTER INLET
VI329	374.55 ~~374.07~~'	368.60 ~~369.20~~' (15" RCP FROM VI330)	368.35 ~~369.00~~' (15" RCP TO VI328)	VALLEY GUTTER INLET
VI330	374.57 ~~374.07~~'		369.29 ~~370.00~~' (15" RCP TO VI329)	VALLEY GUTTER INLET
VI334A	363.95 ~~364.27~~'	358.90 ~~359.75~~' (18" RCP FROM VI335)	358.83 ~~359.65~~' (18" RCP TO VI334B)	VALLEY GUTTER INLET
VI334B	363.97 ~~363.39~~'	358.83 ~~359.60~~' (18" RCP FROM VI334A)	358.83 ~~359.55~~' (18" RCP TO VI309)	VALLEY GUTTER INLET

NOTES:
1. TOP REFERS TO:
   1.1. CATCH BASIN: TOP OF CURB
   1.2. YARD INLET: SILL
   1.3. VALLEY GUTTER INLET: FLOW LINE

Signed by: Jonathan Smitek
2B53976A98B04FA...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITEK
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
STORM SCHEDULE - AB

JOB NO. 43398
SHEET NO. ASB3.5

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ROSEVILLE CROSSING AS-BUILT INFO

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
VI335	~~364.76~~ ~~364.52~~	~~360.10~~ ~~360.15~~' (15" RCP FROM DI336)	~~360.05~~ ~~360.05~~' (18" RCP TO VI334A)	VALLEY GUTTER INLET
VI337	~~366.43~~ ~~365.98~~'		~~362.40~~ ~~362.40~~' (18" RCP TO CB311)	VALLEY GUTTER INLET
VI338	~~367.51~~ ~~367.00~~'	~~364.34~~ ~~364.00~~' (15" RCP FROM VI339)	~~364.23~~ ~~363.80~~' (15" RCP TO VI312)	VALLEY GUTTER INLET
VI339	~~367.51~~ ~~367.12~~'		~~364.52~~ ~~364.10~~' (15" RCP TO VI338)	VALLEY GUTTER INLET
VI340	~~368.53~~ ~~368.26~~'		~~365.23~~ ~~365.01~~' (15" RCP TO VI314)	VALLEY GUTTER INLET
VI342	~~371.26~~ ~~370.90~~'	~~367.64~~ ~~367.90~~' (15" RCP FROM CB343) ~~367.90~~' (15" RCP FROM CB345) ~~367.40~~'	~~367.03~~ ~~367.20~~' (18" RCP TO VI316)	VALLEY GUTTER INLET
VI344	~~377.14~~ ~~376.00~~'		~~370.54~~ ~~370.00~~' (15" RCP TO CB343)	VALLEY GUTTER INLET
VI346	~~372.75~~ ~~372.22~~'	~~368.29~~ ~~368.50~~' (18" RCP FROM DI347) ~~368.60~~' (24" RCP FROM DI381) ~~368.37~~'	~~368.16~~ ~~368.40~~' (24" RCP TO VI317)	VALLEY GUTTER INLET
VI348	~~373.13~~ ~~372.80~~'		~~369.02~~ ~~369.05~~' (15" RCP TO DI347)	VALLEY GUTTER INLET
VI349	~~378.54~~ ~~376.15~~'		~~374.70~~ ~~374.70~~' (15" RCP TO VI319)	VALLEY GUTTER INLET
VI398	~~362.03~~ ~~361.53~~'	~~356.14~~ ~~356.07~~' (15" RCP FROM DI399)	~~356.07~~ ~~356.07~~' (15" RCP TO CB305)	VALLEY GUTTER INLET

STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
CB434	382.29'	377.50' (18" RCP FROM VI436) 377.50' (18" RCP FROM DI435) 377.60' (18" RCP FROM CB437)	377.40' (24" RCP TO VI433)	NCDOT 840.02 CONCRETE CATCH BASIN
CB437	381.25'		378.00' (18" RCP TO CB434)	NCDOT 840.02 CONCRETE CATCH BASIN
DI 420A	380.68'		376.97' (18" RCP TO VI420)	36" X 36" SLAB TOP YARD INLET
DI 429A	384.11'		380.41' (18" RCP TO VI429)	36" X 36" SLAB TOP YARD INLET
DI 433	380.13'		376.41' (18" RCP TO DI432)	36" X 36" SLAB TOP YARD INLET
DI 438A	387.91'		384.00' (15" RCP TO DI438)	36" X 36" SLAB TOP YARD INLET
DI401	378.22'	368.62' (48" RCP FROM VI402)	368.62' (48" RCP TO EW400)	60" X 60" SLAB TOP YARD INLET
DI405	379.50'	371.56' (48" RCP FROM VI406)	371.56' (48" RCP TO VI404)	60" X 60" SLAB TOP YARD INLET
DI426	378.93'		376.00' (15" RCP TO VI425)	36" X 36" SLAB TOP YARD INLET
DI432	379.03'	375.40' (18" RCP FROM DI 433)	375.40' (18" RCP TO VI431)	36" X 36" SLAB TOP YARD INLET
DI435	381.05'		377.80' (18" RCP TO CB434)	36" X 36" SLAB TOP YARD INLET
DI438	386.12'	382.62' (15" RCP FROM DI 438A)	381.87' (24" RCP TO VI413)	36" X 36" SLAB TOP YARD INLET
DI440	384.44'		380.07' (18" RCP TO VI433)	36" X 36" SLAB TOP YARD INLET
EW400	372.92'	368.42' (48" RCP FROM DI401)		NCDOT 838.80 CONCRETE ENDWALL
VI402	382.14'	369.85' (48" RCP FROM VI403) 372.00' (24" RCP FROM VI416)	369.85' (48" RCP TO DI401)	VALLEY GUTTER INLET
VI403	381.36'	370.09' (48" RCP FROM VI404)	370.09' (48" RCP TO VI402)	VALLEY GUTTER INLET
VI404	382.25'	370.49' (48" RCP FROM DI405)	370.49' (48" RCP TO VI403)	VALLEY GUTTER INLET
VI406	380.69'	372.38' (36" RCP FROM VI407) 374.50' (18" RCP FROM VI424) 373.32' (24" RCP FROM VI423)	372.38' (48" RCP TO DI405)	VALLEY GUTTER INLET
VI407	381.45'	373.33' (36" RCP FROM VI409)	372.83' (36" RCP TO VI406)	VALLEY GUTTER INLET
VI409	380.75'	374.50' (30" RCP FROM VI410) 374.38' (24" RCP FROM VI430)	373.88' (36" RCP TO VI407)	VALLEY GUTTER INLET
VI410	383.59'	378.32' (24" RCP FROM VI411) 375.80' (24" RCP FROM VI433)	375.60' (30" RCP TO VI409)	VALLEY GUTTER INLET
VI411	385.06'	379.00' (24" RCP FROM VI412)	378.74' (24" RCP TO VI410)	VALLEY GUTTER INLET
VI412	385.36'	379.50' (24" RCP FROM VI413)	379.24' (24" RCP TO VI411)	VALLEY GUTTER INLET
VI413	387.30'	382.78' (18" RCP FROM VI414) 380.80' (24" RCP FROM DI438) 382.10' (15" RCP FROM VI439)	380.80' (24" RCP TO VI412)	VALLEY GUTTER INLET
VI414	389.23'	385.90' (15" RCP FROM VI415)	385.70' (18" RCP TO VI413)	VALLEY GUTTER INLET
VI415	389.44'		386.19' (15" RCP TO VI414)	VALLEY GUTTER INLET
VI416	383.16'	379.18' (15" RCP FROM VI422) 372.70' (18" RCP FROM VI417)	372.50' (24" RCP TO VI402)	VALLEY GUTTER INLET
VI417	384.04'	373.40' (18" RCP FROM VI418)	373.20' (18" RCP TO VI416)	VALLEY GUTTER INLET
VI418	383.84'	374.20' (18" RCP FROM VI419)	374.00' (18" RCP TO VI417)	VALLEY GUTTER INLET
VI419	383.80'	374.60' (18" RCP FROM VI420)	374.40' (18" RCP TO VI418)	VALLEY GUTTER INLET
VI420	380.18'	376.20' (15" RCP FROM VI421) 376.19' (18" RCP FROM DI 420A)	376.00' (18" RCP TO VI419)	VALLEY GUTTER INLET
VI421	380.19'		376.50' (15" RCP TO VI420)	VALLEY GUTTER INLET
VI422	383.16'		380.18' (15" RCP TO VI416)	VALLEY GUTTER INLET
VI423	380.05'		374.30' (24" RCP TO VI406)	VALLEY GUTTER INLET
VI424	380.69'	374.70' (18" RCP FROM VI425)	374.70' (18" RCP TO VI406)	VALLEY GUTTER INLET
VI425	380.07'	375.50' (15" RCP FROM VI441) 375.30' (15" RCP FROM DI426)	375.30' (18" RCP TO VI424)	VALLEY GUTTER INLET
VI427	381.90'	377.50' (15" RCP FROM VI428)	377.30' (15" RCP TO VI430)	VALLEY GUTTER INLET
VI428	382.77'	378.20' (15" RCP FROM VI429)	378.00' (15" RCP TO VI427)	VALLEY GUTTER INLET
VI429	383.85'	379.62' (18" RCP FROM DI 429A)	379.00' (15" RCP TO VI428)	VALLEY GUTTER INLET
VI430	380.75'	376.55' (15" RCP FROM VI427) 374.58' (24" RCP FROM VI431)	374.58' (24" RCP TO VI409)	VALLEY GUTTER INLET
VI431	381.34'	374.97' (18" RCP FROM DI432)	374.97' (24" RCP TO VI430)	VALLEY GUTTER INLET
VI433	384.38'	379.32' (18" RCP FROM DI440) 376.30' (24" RCP FROM CB434)	376.10' (24" RCP TO VI410)	VALLEY GUTTER INLET
VI436	381.46'		377.88' (18" RCP TO CB434)	VALLEY GUTTER INLET
VI439	387.30'		383.00' (15" RCP TO VI413)	VALLEY GUTTER INLET
VI441	380.05'		376.00' (15" RCP TO VI425)	VALLEY GUTTER INLET

STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
CB509	368.91'	358.31' (24" RCP FROM CB510)	358.21' (24" RCP TO VI504)	NCDOT 840.02 CONCRETE CATCH BASIN
CB510	365.59'	361.10' (15" RCP FROM CB513) 358.87' (18" RCP FROM CB520)	358.87' (24" RCP TO CB509)	NCDOT 840.02 CONCRETE CATCH BASIN
CB511	363.94'	359.70' (15" RCP FROM CB512)	359.70' (15" RCP TO CB520)	NCDOT 840.02 CONCRETE CATCH BASIN
CB512	363.95'		360.09' (15" RCP TO CB511)	NCDOT 840.02 CONCRETE CATCH BASIN
CB513	365.44'		361.69' (15" RCP TO CB510)	NCDOT 840.02 CONCRETE CATCH BASIN
CB520	364.58'	359.20' (15" RCP FROM CB511)	359.20' (18" RCP TO CB510)	NCDOT 840.02 CONCRETE CATCH BASIN
DI 502A	363.00'		359.20' (18" RCP TO VI502)	36" X 36" SLAB TOP YARD INLET
DI 508A	376.07'		372.64' (15" RCP TO VI508)	36" X 36" SLAB TOP YARD INLET
DI 520A	373.08'		369.65' (15" RCP TO VI519)	36" X 36" SLAB TOP YARD INLET
DI517	369.67'		367.23' (15" RCP TO VI516)	36" X 36" SLAB TOP YARD INLET
EW500	357.87'	354.00' (30" RCP FROM VI501)		NCDOT 838.80 CONCRETE ENDWALL
VI501	360.44'	355.94' (30" RCP FROM VI502)	355.84' (30" RCP TO EW500)	VALLEY GUTTER INLET
VI502	363.44'	356.64' (30" RCP FROM VI503) 358.40' (18" RCP FROM DI 502A)	356.54' (30" RCP TO VI501)	VALLEY GUTTER INLET
VI503	364.53'	357.10' (30" RCP FROM VI504)	357.00' (30" RCP TO VI502)	VALLEY GUTTER INLET
VI504	369.10'	361.00' (24" RCP FROM VI505) 357.95' (24" RCP FROM CB509)	357.95' (30" RCP TO VI503)	VALLEY GUTTER INLET
VI505	370.36'	364.20' (24" RCP FROM VI506) 365.92' (18" RCP FROM VI514)	364.00' (24" RCP TO VI504)	VALLEY GUTTER INLET
VI506	372.84'	366.20' (18" RCP FROM VI507) 368.66' (15" RCP FROM VI519)	366.00' (24" RCP TO VI505)	VALLEY GUTTER INLET
VI507	375.99'	371.20' (15" RCP FROM VI508)	371.00' (18" RCP TO VI506)	VALLEY GUTTER INLET
VI508	375.98'	371.90' (15" RCP FROM DI 508A)	371.70' (15" RCP TO VI507)	VALLEY GUTTER INLET
VI514	370.36'	366.18' (18" RCP FROM VI515)	366.08' (18" RCP TO VI505)	VALLEY GUTTER INLET
VI515	370.51'	366.44' (18" RCP FROM VI516)	366.44' (18" RCP TO VI514)	VALLEY GUTTER INLET
VI516	370.23'	367.03' (15" RCP FROM VI518) 367.03' (15" RCP FROM DI517)	366.93' (18" RCP TO VI515)	VALLEY GUTTER INLET
VI518	370.23'		367.23' (15" RCP TO VI516)	VALLEY GUTTER INLET
VI519	372.83'	368.92' (15" RCP FROM DI 520A)	368.82' (15" RCP TO VI506)	VALLEY GUTTER INLET

STORM STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
EW 601	372.62'	369.50' (30" RCP FROM SCM 1 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW 601	372.62'	369.50' (30" RCP FROM SCM 1 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW 602	383.68'	380.20' (30" RCP FROM SCM 2 RISER)		CONCRETE ENDWALL
EW601	374.00'	369.50' (30" RCP FROM SCM 1 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW602	383.62'	~~380.19~~ ~~380.20~~' (30" RCP FROM SCM 2 RISER)		CONCRETE ENDWALL
EW603	345.50'	341.00' (48" RCP FROM SCM 3 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW604	369.50'	365.00' (48" RCP FROM SCM 4 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW605	351.26'	347.30' (42" RCP FROM SCM 5 RISER)		NCDOT 838.80 CONCRETE ENDWALL
EW609	359.67'	354.00' (72" RCP FROM EW610)		NCDOT 838.80 CONCRETE ENDWALL
EW610	362.67'		354.50' (72" RCP TO EW609)	NCDOT 838.80 CONCRETE ENDWALL
EW611	359.67'	355.00' (72" RCP FROM EW612)		NCDOT 838.80 CONCRETE ENDWALL
EW612	362.67'		355.50' (72" RCP TO EW611)	NCDOT 838.80 CONCRETE ENDWALL
EW613	383.00'	~~378.48~~ ~~378.50~~' (48" RCP FROM EW614)		NCDOT 838.80 CONCRETE ENDWALL
EW614	383.50'		~~378.93~~ ~~379.00~~' (48" RCP TO EW613)	NCDOT 838.80 CONCRETE ENDWALL
EW615	383.00'	~~378.48~~ ~~378.50~~' (48" RCP FROM EW616)		NCDOT 838.80 CONCRETE ENDWALL
EW616	383.50'		~~378.91~~ ~~379.00~~' (48" RCP TO EW615)	NCDOT 838.80 CONCRETE ENDWALL
FE650	N/A		343.40' (24" RCP TO FE651)	FLARED END SECTION
FE651	N/A	342.30' (24" RCP FROM FE650)		FLARED END SECTION
SCM 1 RISER	REFER TO DETAIL		~~369.77~~ ~~369.99~~' (30" RCP TO EW 601)	SCM 1 RISER; REFER TO DETAIL
SCM 1 RISER	REFER TO DETAIL		~~369.78~~ ~~369.90~~' (30" RCP TO EW 601)	SCM 1 RISER; REFER TO DETAIL
SCM 1 RISER	REFER TO DETAIL		~~369.85~~ ~~369.90~~' (30" RCP TO EW601)	SCM 1 RISER; REFER TO DETAIL
SCM 2 RISER	REFER TO DETAIL		~~380.61~~ ~~380.55~~' (30" RCP TO EW 602)	SCM 2 RISER; REFER TO DETAIL
SCM 2 RISER	REFER TO DETAIL		~~380.61~~ ~~380.55~~' (30" RCP TO EW602)	48 x 48 inch Rectangular Structure
SCM 3 RISER	REFER TO DETAIL		~~341.72~~ ~~341.60~~' (48" RCP TO EW603)	SCM 3 RISER; REFER TO DETAIL
SCM 4 RISER	REFER TO DETAIL		365.45' (48" RCP TO EW604)	SCM 4 RISER, REFER TO DETAIL
SCM 5 RISER	REFER TO DETAIL		347.88' (42" RCP TO EW605)	SCM 5 RISER; REFER TO DETAIL

NOTES:
1. TOP REFERS TO:
   1.1. CATCH BASIN: TOP OF CURB
   1.2. YARD INLET: SILL
   1.3. VALLEY GUTTER INLET: FLOW LINE

Signed by: Jonathan Smitter (2B53D1A4-...)

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
03-13-2025	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPPING

DATE: *09/17/2021*
DRAWN BY: *R. WINGATE*
DESIGNED BY: *P. BARBEAU*
CHECKED BY: *P. BARBEAU*
SCALE:

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

STORM SCHEDULE - AB

JOB NO. *43398*
SHEET NO. *ASB3.6*

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STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
-	383.30'	382.90'	1.09%	36.78 LF	8"	HDPE	8" HDPE
CB101 - EW100	~~370.65'~~ 370.44	~~370.00'~~ 369.93	~~0.49%~~ 0.38%	~~132.94~~ 132.70 LF	48"	RCP	CLASS III
CB102 - CB101	~~371.24'~~ 371.14	~~370.75'~~ 370.64	~~0.50%~~ 0.52%	~~97.43~~ 97.00 LF	42"	RCP	CLASS III
CB103 - CB183	~~374.96'~~ 374.91	~~373.20'~~ 373.31	~~3.56%~~ 3.41%	~~49.40~~ 46.98 LF	36"	RCP	CLASS III
CB104 - CB103	~~376.10'~~ 376.08	~~375.06'~~ 375.06	~~0.60%~~ 0.60%	~~172.58~~ 170.26 LF	36"	RCP	CLASS III
CB105 - CB104	~~376.45'~~ 376.50	~~376.20'~~ 376.20	~~0.59%~~ 0.74%	~~42.43~~ 40.50 LF	30"	RCP	CLASS III
CB106 - CB105	~~376.95'~~ 376.98	~~376.55'~~ 376.50	~~0.60%~~ 0.79%	~~66.73~~ 60.50 LF	30"	RCP	CLASS III
CB107 - CB106	~~377.71'~~ 377.83	~~377.05'~~ 377.09	~~0.61%~~ 0.70%	~~108.77~~ 105.90 LF	30"	RCP	CLASS III
CB108 - CB107	~~378.33'~~ 378.58	~~377.81'~~ 377.98	~~0.60%~~ 0.70%	~~86.74~~ 85.30 LF	30"	RCP	CLASS III
CB109 - CB108	~~380.78'~~ 380.86	~~378.43'~~ 378.64	~~0.60%~~ 0.57%	~~392.67~~ 390.20 LF	24"	RCP	CLASS III
CB110 - CB109	~~381.80'~~ 381.90	~~380.88'~~ 380.94	~~0.54%~~ 0.58%	~~160.45~~ 166.60 LF	24"	RCP	CLASS III
CB112 - CB101	~~377.30'~~ 377.42	~~375.00'~~ 374.81	~~2.43%~~ 2.76%	~~94.73~~ 94.40 LF	15"	RCP	CLASS III
CB113 - CB112	~~378.00'~~ 378.04	~~377.50'~~ 377.51	~~1.28%~~ 1.46%	~~39.16~~ 36.40% LF	15"	RCP	CLASS III
CB114 - CB102	~~371.98'~~ 371.95	~~371.30'~~ 371.18	~~0.49%~~ 0.57%	~~137.77~~ 135.00 LF	42"	RCP	CLASS III
CB115 - CB114	~~372.51'~~ 372.37	~~372.10'~~ 371.98	~~0.58%~~ 0.58%	~~70.32~~ 67.60 LF	30"	RCP	CLASS III
CB116 - CB115	~~373.90'~~ 373.89	~~372.65'~~ 372.56	~~0.51%~~ 0.55%	~~245.19~~ 241.60 LF	30"	RCP	CLASS III
CB117 - CB116	~~374.25'~~ 373.99	~~374.00'~~ 373.93	~~0.54%~~ 0.13%	~~46.53~~ 46.50 LF	30"	RCP	CLASS III
CB118 - CB117	~~376.00'~~ 375.94	~~375.80'~~ 375.47	~~0.74%~~ 2.01%	~~27.00~~ 23.40 LF	30"	RCP	CLASS III
CB119 - CB118	~~376.60'~~ 376.44	~~376.25'~~ 375.94	~~0.77%~~ 1.12%	~~45.41~~ 44.80 LF	30"	RCP	CLASS III
CB120 - CB119	~~377.37'~~ 377.31	~~376.60'~~ 376.42	~~0.67%~~ 0.79%	~~115.77~~ 113.30 LF	30"	RCP	CLASS III
CB121 - CB120	~~377.84'~~ 377.57	~~377.37'~~ 377.21	~~0.62%~~ 0.49%	~~75.64~~ 74.20 LF	24"	RCP	CLASS III
CB122 - CB121	~~378.50'~~ 378.28	~~377.84'~~ 377.59	~~0.79%~~ 0.85%	~~83.58~~ 80.90 LF	18"	RCP	CLASS III
CB123 - CB122	~~380.00'~~ 380.16	~~378.70'~~ 378.46	~~0.83%~~ 1.12%	~~155.76~~ 151.60 LF	18"	RCP	CLASS III
CB124 - CB114	~~379.41'~~ 379.30	~~378.00'~~ 377.30	~~5.00%~~ 7.28%	~~28.29~~ 27.46 LF	15"	RCP	CLASS III
CB125 - CB114	~~379.38'~~ 380.10	~~377.50'~~ 377.98	~~5.37%~~ 6.91%	~~35.00~~ 30.70 LF	15"	RCP	CLASS III
CB126 - CB115	~~379.00'~~ 378.89	~~378.50'~~ 378.24	~~1.43%~~ 2.08%	~~35.00~~ 31.20 LF	15"	RCP	CLASS III
CB127 - CB116	~~377.53'~~ 377.80	~~377.32'~~ 377.40	~~0.60%~~ 1.27%	~~35.00~~ 31.40 LF	18"	RCP	CLASS III
CB128 - CB127	~~378.30'~~ 378.38	~~377.63'~~ 377.82	~~1.45%~~ 1.22%	~~46.28~~ 45.80 LF	18"	RCP	CLASS III
CB129 - CB128	~~378.80'~~ 379.92	~~378.50'~~ 378.56	~~1.11%~~ 5.81%	~~27.00~~ 23.40 LF	18"	RCP	CLASS III
CB130 - CB129	~~381.30'~~ 381.17	~~378.00'~~ 379.83	~~2.24%~~ 1.28%	~~107.12~~ 104.80 LF	15"	RCP	CLASS III
CB131 - CB130	~~382.12'~~ 381.67	~~381.50'~~ 381.36	~~1.58%~~ 0.88%	~~39.20~~ 35.30 LF	15"	RCP	CLASS III
CB132 - CB117	~~377.00'~~ 376.98	~~376.00'~~ 375.89	~~0.85%~~ 0.95%	~~117.54~~ 115.10 LF	18"	RCP	CLASS III
CB133 - CB132	~~377.70'~~ 377.63	~~377.30'~~ 377.31	~~1.48%~~ 1.35%	~~27.05~~ 23.70 LF	15"	RCP	CLASS III
CB134 - CB120	~~378.15'~~ 377.88	~~377.70'~~ 377.29	~~0.69%~~ 0.93%	~~64.98~~ 63.30 LF	24"	RCP	CLASS III
CB136 - CB104	~~385.21'~~ 384.13	~~385.00'~~ 382.21	~~0.60%~~ 6.25%	~~35.00~~ 30.70 LF	24"	RCP	CLASS III
CB137 - CB136	~~385.94'~~ 386.03	~~385.31'~~ 384.23	~~1.00%~~ 2.93%	~~63.35~~ 61.50 LF	18"	RCP	CLASS III
CB138 - CB137	~~386.55'~~ 386.75	~~386.14'~~ 386.19	~~1.00%~~ 1.39%	~~40.57~~ 40.30 LF	15"	RCP	CLASS III
CB144 - CB108	~~390.50'~~ 390.61	~~389.50'~~ 389.47	~~2.86%~~ 3.67%	~~35.00~~ 31.10 LF	15"	RCP	CLASS III
CB146 - CB109	~~388.00'~~ 388.15	~~385.91'~~ 385.94	~~5.11%~~ 5.94%	~~40.91~~ 37.20 LF	15"	RCP	CLASS III
CB147 - CB110	~~382.65'~~ 382.71	~~382.00'~~ 382.38	~~1.67%~~ 0.93%	~~38.92~~ 35.30 LF	15"	RCP	CLASS III
CB148A - CB122	~~379.75'~~ 379.79	~~379.41'~~ 379.45	~~0.97%~~ 1.06%	~~35.00~~ 32.00 LF	15"	RCP	CLASS V
CB148B - CB148A	~~379.90'~~ 380.22	~~379.80'~~ 380.14	~~2.22%~~ 3.20%	~~4.50~~ 2.50 LF	15"	RCP	CLASS III
CB149 - CB129	~~380.31'~~ 380.31	~~379.85'~~ 379.56	~~1.00%~~ 1.63%	~~45.91~~ 45.90 LF	15"	RCP	CLASS III
CB181 - CB103	~~383.00'~~ 383.03	~~381.32'~~ 381.38	~~4.82%~~ 5.39%	~~34.89~~ 30.63 LF	15"	RCP	CLASS III
CB182 - CB110	~~382.20'~~ 382.46	~~381.90'~~ 382.02	~~0.70%~~ 1.08%	~~43.04~~ 40.60 LF	18"	RCP	CLASS III
CB183 - CB102	~~373.00'~~ 372.86	~~371.50'~~ 371.57	~~1.26%~~ 1.10%	~~118.89~~ 116.80 LF	42"	RCP	CLASS III
CB190 - CB138	~~387.56'~~ 387.52	~~386.75'~~ 386.80	~~1.00%~~ 0.91%	~~81.09~~ 79.00 LF	15"	RCP	CLASS III
DI 153A - DI153	~~381.30'~~ 380.12	~~378.50'~~ 377.76	~~1.69%~~ 1.45%	~~165.84~~ 163.10 LF	18"	RCP	CLASS III
DI 167A - DI167	~~387.00'~~ 386.93	~~384.77'~~ 384.52	~~2.25%~~ 2.43%	~~99.27~~ 99.00 LF	15"	RCP	CLASS III
DI111 - CB110	~~384.00'~~ 387.11	~~382.20'~~ 381.91	~~1.30%~~ 3.80%	~~138.38~~ 136.70 LF	18"	RCP	CLASS III
DI135 - CB134	~~378.84'~~ 378.84	~~378.15'~~ 378.05	~~0.53%~~ 0.60%	~~131.10~~ 130.70 LF	24"	RCP	CLASS III
DI141 - CB107	~~384.00'~~ 384.12	~~383.00'~~ 382.82	~~1.17%~~ 1.53%	~~85.54~~ 85.10 LF	18"	RCP	CLASS III
DI142 - DI141	~~385.00'~~ 385.04	~~384.20'~~ 384.40	~~0.96%~~ 0.80%	~~83.33~~ 80.20 LF	18"	RCP	CLASS III
DI143 - DI142	~~385.80'~~ 385.64	~~385.20'~~ 385.23	~~0.76%~~ 0.54%	~~79.29~~ 76.20 LF	18"	RCP	CLASS III
DI143A - DI142	~~386.50'~~ 386.49	~~386.00'~~ 385.20	~~0.63%~~ 1.71%	~~79.29~~ 75.50 LF	18"	RCP	CLASS III
DI149 - EW148	~~371.00'~~ 370.90	~~370.00'~~ 369.92	~~1.44%~~ 1.39%	~~69.50~~ 70.72 LF	48"	RCP	CLASS III
DI153 - VI152	~~376.50'~~ 377.03	~~375.54'~~ 375.34	~~0.60%~~ 1.22%	~~130.98~~ 138.10 LF	30"	RCP	CLASS III
DI154 - DI153	~~377.10'~~ 377.09	~~376.63'~~ 377.09	~~0.70%~~ 0.45%	~~66.89~~ 67.08 LF	30"	RCP	CLASS III
DI163 - VI162	~~378.60'~~ 378.61	~~377.90'~~ 377.89	~~0.51%~~ 0.53%	~~137.79~~ 135.80 LF	15"	RCP	CLASS III
DI167 - VI166	~~384.60'~~ 384.61	~~384.20'~~ 384.08	~~1.49%~~ 2.16%	~~26.81~~ 24.53 LF	15"	RCP	CLASS III

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
DI188 - DI135	~~380.10'~~ 380.07	~~378.94'~~ 378.87	~~0.57%~~ 0.60%	~~202.55~~ 201.02 LF	24"	RCP	CLASS III
DI192 - CB190	~~388.40'~~ 388.41	~~387.56'~~ 387.63	~~0.66%~~ 0.62%	~~126.69~~ 126.30 LF	15"	RCP	CLASS III
DI192B - DI192	~~389.75'~~ 389.62	~~388.60'~~ 388.52	~~1.23%~~ 2.78%	~~93.02~~ 93.59 LF	15"	RCP	CLASS III
DI193 - DI192B	~~390.75'~~ 390.58	~~389.95'~~ 389.62	~~0.98%~~ 1.19%	~~81.23~~ 80.80 LF	15"	RCP	CLASS III
DI193B - DI193	~~391.83'~~ 391.77	~~390.95'~~ 390.87	~~1.00%~~ 1.03%	~~87.84~~ 87.80 LF	12"	HDPE	12" HDPE
DI193C - DI193B	~~392.84'~~ 392.76	~~392.03'~~ 391.77	~~1.00%~~ 1.23%	~~80.71~~ 80.64 LF	12"	HDPE	12" HDPE
DI194 - DI195	~~383.10'~~ 383.17	~~381.90'~~ 381.88	~~0.81%~~ 0.88%	~~148.33~~ 146.48 LF	15"	RCP	CLASS III
DI195 - DI188	~~381.80'~~ 381.77	~~380.30'~~ 380.32	~~0.58%~~ 0.57%	~~264.32~~ 252.76 LF	18"	RCP	CLASS III
VI139 - CB105	~~385.93'~~ 385.98	~~385.10'~~ 385.39	~~1.00%~~ 0.74%	~~82.76~~ 80.13 LF	15"	RCP	CLASS III
VI140 - VI139	~~387.00'~~ 386.95	~~386.03'~~ 386.18	~~4.04%~~ 3.30%	~~24.04~~ 23.35 LF	15"	RCP	CLASS III
VI150 - DI149	372.80'	371.10'	1.02%	166.78 LF	30"	RCP	CLASS III
VI151 - VI150	373.20'	372.90'	0.76%	39.50 LF	30"	RCP	CLASS III
VI152 - VI151	375.40'	373.30'	1.69%	123.97 LF	30"	RCP	CLASS III
VI155 - DI154	378.30'	377.34'	0.69%	138.00 LF	30"	RCP	CLASS III
VI156 - VI155	378.80'	378.50'	0.91%	32.88 LF	24"	RCP	CLASS III
VI157 - VI156	379.40'	379.00'	1.67%	24.00 LF	24"	RCP	CLASS III
VI158 - VI157	385.00'	383.00'	3.27%	61.10 LF	18"	RCP	CLASS III
VI159 - VI158	386.50'	385.29'	1.51%	79.94 LF	18"	RCP	CLASS III
VI160 - VI159	390.30'	386.70'	2.17%	165.71 LF	15"	RCP	CLASS III
VI161 - VI160	390.76'	390.50'	1.08%	24.00 LF	15"	RCP	CLASS III
VI162 - VI150	377.80'	377.50'	0.80%	37.31 LF	15"	RCP	CLASS III
VI164 - VI152	379.45'	378.00'	2.00%	72.29 LF	15"	RCP	CLASS III
VI165 - VI164	385.00'	383.00'	4.11%	48.70 LF	15"	RCP	CLASS V
VI166 - VI180	384.00'	383.20'	1.75%	45.81 LF	15"	RCP	CLASS III
VI168 - VI158	385.90'	385.70'	0.83%	24.00 LF	15"	RCP	CLASS III
VI169 - VI168	386.76'	386.00'	1.35%	56.20 LF	15"	RCP	CLASS III
VI170 - VI159	387.10'	386.90'	0.83%	24.01 LF	15"	RCP	CLASS V
VI180 - VI157	383.00'	382.00'	1.62%	61.80 LF	15"	RCP	CLASS III

STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
CB202 - FE201	~~383.75'~~ 383.71	~~383.20'~~ 383.12	~~0.33%~~ 0.36%	~~167.79~~ 163.10 LF	30"	RCP	CLASS III
CB204 - DI203A	~~384.16'~~ 383.98	~~383.95'~~ 383.94	~~0.54%~~ 0.10%	~~38.73~~ 38.80 LF	24"	RCP	CLASS V
CB205 - CB204	~~384.50'~~ 384.55	~~384.36'~~ 384.31	~~0.52%~~ 1.02%	~~27.04~~ 23.63 LF	15"	RCP	CLASS V
CB206 - CB202	~~385.10'~~ 385.13	~~384.40'~~ 384.36	~~0.57%~~ 0.64%	~~122.07~~ 119.60 LF	24"	RCP	CLASS III
CB207 - CB206	~~385.60'~~ 387.00	~~385.30'~~ 386.84	~~1.05%~~ 0.65%	~~28.48~~ 24.70 LF	15"	RCP	15 inch RCP
CB208 - CB202	~~384.40'~~ 384.28	~~384.20'~~ 383.94	~~0.74%~~ 1.47%	~~27.00~~ 23.20 LF	24"	RCP	CLASS III
CB213 - FE212	~~384.10'~~ 384.17	~~383.00'~~ 382.80	~~0.66%~~ 0.83%	~~167.47~~ 165.20 LF	30"	RCP	CLASS III
CB214 - CB213	~~384.50'~~ 384.34	~~384.30'~~ 384.32	~~0.50%~~ 0.05%	~~39.99~~ 36.40 LF	30"	RCP	CLASS III
CB215 - CB214	~~385.15'~~ 385.33	~~384.60'~~ 384.82	~~0.55%~~ 0.53%	~~99.88~~ 96.30 LF	18"	RCP	CLASS III
CB216 - CB215	~~367.62'~~ 387.57	~~385.25'~~ 385.46	~~4.34%~~ 4.08%	~~54.55~~ 51.70 LF	15"	RCP	CLASS III
CB217 - CB214	~~384.75'~~ 384.57	~~384.60'~~ 384.45	~~0.56%~~ 0.51%	~~27.00~~ 23.40 LF	24"	RCP	CLASS V
CB218 - CB217	~~384.90'~~ 383.66	~~384.85'~~ 384.62	~~0.55%~~ 0.56%	~~9.13~~ 7.08 LF	24"	RCP	CLASS IV
DI203 - EW220	~~383.40'~~ 383.44	~~383.00'~~ 382.92	~~0.47%~~ 0.59%	~~85.03~~ 85.02 LF	24"	RCP	CLASS V
DI203A - DI203	~~383.85'~~ 383.91	~~383.50'~~ 383.54	~~0.48%~~ 0.53%	~~72.52~~ 70.34 LF	24"	RCP	CLASS V
DI209 - CB208	~~385.40'~~ 385.54	~~384.60'~~ 384.61	~~0.57%~~ 0.66%	~~140.65~~ 141.45 LF	18"	RCP	CLASS III
DI219 - CB218	~~385.70'~~ 385.39	~~385.00'~~ 384.81	~~0.56%~~ 0.47%	~~125.90~~ 124.28 LF	24"	RCP	CLASS III; O-RING

STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
CB509 - VI504	~~358.21'~~ 358.13	~~357.95'~~ 357.95	~~0.60%~~ 0.45%	~~43.50~~ 40.09 LF	24"	RCP	CLASS III
CB510 - CB509	~~358.87'~~ 358.83	~~358.31'~~ 358.31	~~0.60%~~ 0.57%	~~93.56~~ 90.74 LF	24"	RCP	CLASS III
CB511 - CB520	~~359.70'~~ 359.74	~~359.20'~~ 359.21	~~0.79%~~ 0.87%	~~63.49~~ 60.98 LF	15"	RCP	CLASS III
CB512 - CB511	~~360.09'~~ 360.21	~~359.70'~~ 359.75	~~1.44%~~ 1.94%	~~27.15~~ 23.76 LF	15"	RCP	CLASS III
CB513 - CB510	~~361.69'~~ 361.82	~~361.10'~~ 360.98	~~2.15%~~ 3.32%	~~27.42~~ 25.27 LF	15"	RCP	CLASS III
CB520 - CB510	~~359.20'~~ 359.15	~~358.87'~~ 358.83	~~0.78%~~ 0.80%	~~42.50~~ 40.03 LF	18"	RCP	CLASS III
DI 502A - VI502	~~359.20'~~ 358.95	~~358.40'~~ 358.28	~~0.65%~~ 0.56%	~~122.53~~ 119.32 LF	18"	RCP	CLASS III
DI 508A - VI508	~~372.64'~~ 372.78	~~371.90'~~ 371.95	~~0.60%~~ 0.68%	~~122.54~~ 121.27 LF	15"	RCP	CLASS III
DI 520A - VI519	~~369.65'~~ 369.80	~~368.92'~~ 368.99	~~0.59%~~ 0.67%	~~122.58~~ 120.23 LF	15"	RCP	CLASS III
DI517 - VI516	~~367.23'~~ 367.24	~~367.03'~~ 367.04	~~0.62%~~ 0.64%	~~31.59~~ 31.17 LF	15"	RCP	CLASS III
VI501 - EW500	~~355.84'~~ 355.64	~~354.00'~~ 353.96	~~4.25%~~ 3.98%	~~43.32~~ 42.23 LF	30"	RCP	CLASS III
VI502 - VI501	~~356.54'~~ 356.52	~~355.94'~~ 355.74	~~0.61%~~ 0.81%	~~98.87~~ 96.49 LF	30"	RCP	CLASS V
VI503 - VI502	~~357.00'~~ 357.10	~~356.64'~~ 356.69	~~0.85%~~ 1.03%	~~42.36~~ 39.92 LF	30"	RCP	CLASS III
VI504 - VI503	~~357.95'~~ 357.86	~~357.10'~~ 357.10	~~0.54%~~ 0.49%	~~157.77~~ 154.94 LF	30"	RCP	CLASS III
VI505 - VI504	~~364.00'~~ 363.79	~~361.00'~~ 360.90	~~3.45%~~ 3.41%	~~87.00~~ 84.87 LF	24"	RCP	CLASS III
VI506 - VI505	~~366.00'~~ 365.40	~~364.20'~~ 364.02	~~0.93%~~ 0.72%	~~193.24~~ 190.70 LF	24"	RCP	CLASS III
VI507 - VI506	~~371.00'~~ 371.11	~~366.20'~~ 368.18	~~2.29%~~ 1.41%	~~210.04~~ 207.97 LF	18"	RCP	CLASS III
VI508 - VI507	~~371.70'~~ 371.66	~~371.20'~~ 371.28	~~2.08%~~ 1.65%	~~24.01~~ 23.00 LF	15"	RCP	CLASS III
VI514 - VI505	~~366.08'~~ 365.99	~~365.92'~~ 365.84	~~0.67%~~ 0.64%	~~24.00~~ 23.31 LF	18"	RCP	CLASS III
VI515 - VI514	~~366.44'~~ 366.39	~~366.18'~~ 366.03	~~0.58%~~ 0.87%	~~44.55~~ 41.60 LF	18"	RCP	CLASS III
VI516 - VI515	~~366.93'~~ 366.96	~~366.44'~~ 366.40	~~0.60%~~ 0.70%	~~82.10~~ 79.65 LF	18"	RCP	CLASS III
VI518 - VI516	~~367.23'~~ 367.22	~~367.03'~~ 367.08	~~0.83%~~ 0.61%	~~24.00~~ 23.02 LF	15"	RCP	CLASS V
VI519 - VI506	~~368.82'~~ 368.82	~~368.66'~~ 365.47	~~0.67%~~ 14.18%	~~24.01~~ 23.62 LF	15"	RCP	CLASS III

STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
CB304 - VI303	~~350.22'~~ 350.43	~~349.51'~~ 349.41	~~0.60%~~ 0.88%	~~118.56~~ 116.04 LF	36"	RCP	CLASS III
CB305 - CB304	~~353.00'~~ 354.16	~~353.00'~~ 352.97	~~1.98%~~ 3.20%	~~40.48~~ 37.12 LF	36"	RCP	CLASS III
CB311 - VI310	~~359.80'~~ 359.80	~~360.20'~~ 359.25	~~0.91%~~ 0.90%	~~65.74~~ 60.90 LF	30"	RCP	CLASS III
CB323 - VI302	~~351.75'~~ 351.92	~~350.87'~~ 350.36	~~0.77%~~ 1.40%	~~114.52~~ 111.27 LF	15"	RCP	CLASS III
CB325 - CB304	~~352.20'~~ 351.73	~~351.62'~~ 351.71	~~0.52%~~ 0.02%	~~110.87~~ 108.20 LF	15"	RCP	CLASS V
CB332 - VI328	~~367.00'~~ 365.79	~~366.20'~~ 365.62	~~2.54%~~ 0.57%	~~31.51~~ 29.80 LF	15"	RCP	CLASS III
CB333 - VI308	~~361.50'~~ 361.64	~~361.20'~~ 361.21	~~1.15%~~ 1.82%	~~26.07~~ 23.61 LF	15"	RCP	CLASS III
CB334 - CB333	~~362.20'~~ 362.06	~~361.70'~~ 361.73	~~2.35%~~ 1.70%	~~21.26~~ 19.37 LF	15"	RCP	CLASS III
CB343 - VI342	~~368.30'~~ 368.20	~~367.90'~~ 367.64	~~0.62%~~ 0.89%	~~64.81~~ 62.70 LF	15"	RCP	CLASS V
CB345 - VI342	~~367.90'~~ 368.04	~~367.30'~~ 367.40	~~0.71%~~ 0.78%	~~84.35~~ 81.90 LF	15"	RCP	CLASS V
CB350 - VI327	~~363.00'~~ 363.30	~~362.00'~~ 362.13	~~3.22%~~ 3.94%	~~31.10~~ 29.70 LF	18"	RCP	CLASS III
DI324 - VI302	~~348.52'~~ 348.44	~~347.92'~~ 347.86	~~0.60%~~ 0.60%	~~99.67~~ 97.14 LF	30"	RCP	30 inch RCP
DI336 - VI335	~~360.75'~~ 360.67	~~360.15'~~ 360.10	~~0.56%~~ 0.55%	~~107.68~~ 104.10 LF	15"	RCP	CLASS III
DI341 - VI315	~~365.89'~~ 365.59	~~364.91'~~ 364.53	~~1.44%~~ 1.58%	~~68.04~~ 66.94 LF	18"	RCP	CLASS III
DI347 - VI346	~~368.70'~~ 368.64	~~368.50'~~ 368.28	~~0.72%~~ 1.46%	~~27.69~~ 24.70 LF	18"	RCP	CLASS III
DI361 - VI310	~~359.90'~~ 360.29	~~359.20'~~ 359.45	~~1.24%~~ 1.57%	~~56.28~~ 53.54 LF	15"	RCP	CLASS III
DI362 - DI336	~~361.90'~~ 361.86	~~360.95'~~ 360.80	~~0.72%~~ 0.82%	~~132.71~~ 129.84 LF	15"	RCP	CLASS III
DI380 - VI308	~~361.80'~~ 361.85	~~361.00'~~ 357.67	~~1.32%~~ 6.94%	~~60.64~~ 60.20 LF	15"	RCP	CLASS III
DI381 - VI346	~~369.10'~~ 368.89	~~368.60'~~ 368.37	~~0.70%~~ 0.75%	~~71.61~~ 69.10 LF	24"	RCP	CLASS III
DI382 - DI381	~~370.30'~~ 370.21	~~369.20'~~ 369.00	~~0.95%~~ 1.06%	~~115.61~~ 114.10 LF	18"	RCP	CLASS III
DI397 - CB332	~~367.80'~~ 366.85	~~367.00'~~ 365.84	~~1.59%~~ 2.08%	~~50.45~~ 48.56 LF	15"	RCP	CLASS III
DI399 - VI398	~~356.60'~~ 356.91	~~356.07'~~ 356.14	~~0.87%~~ 1.31%	~~61.12~~ 58.62 LF	15"	RCP	CLASS III
JB301 - EW300	~~345.80'~~ 345.86	~~345.00'~~ 344.92	~~1.50%~~ 1.74%	~~53.27~~ 54.10 LF	36"	RCP	CLASS III; O-RING
VI276 - VI307	~~357.04'~~ 357.00	~~356.77'~~ 356.89	~~0.58%~~ 0.26%	~~46.71~~ 42.81 LF	36"	RCP	CLASS III
VI278 - VI276	~~360.19'~~ 363.91	~~359.98'~~ 359.82	~~0.87%~~ 17.81%	~~24.00~~ 22.97 LF	18"	RCP	CLASS III
VI302 - JB301	~~347.72'~~ 347.70	~~346.12'~~ 346.26	~~1.51%~~ 1.40%	~~105.87~~ 103.04 LF	36"	RCP	CLASS III; O-RING
VI303 - VI302	~~349.40'~~ 349.36	~~348.90'~~ 348.69	~~0.61%~~ 0.85%	~~81.86~~ 78.94 LF	36"	RCP	CLASS III
VI306 - CB305	~~356.09'~~ 356.40	~~354.00'~~ 354.44	~~2.03%~~ 1.95%	~~102.80~~ 100.40 LF	36"	RCP	CLASS III
VI307 - VI306	~~356.67'~~ 356.84	~~356.19'~~ 356.45	~~0.60%~~ 0.51%	~~79.36~~ 77.12 LF	36"	RCP	CLASS III
VI308 - VI276	~~357.79'~~ 357.67	~~357.14'~~ 357.13	~~0.60%~~ 0.51%	~~108.23~~ 105.91 LF	36"	RCP	CLASS III
VI309 - VI308	~~358.61'~~ 358.41	~~357.89'~~ 357.74	~~0.63%~~ 0.60%	~~114.56~~ 111.75 LF	30"	RCP	CLASS III
VI310 - VI309	~~359.00'~~ 359.04	~~358.71'~~ 358.67	~~0.80%~~ 1.12%	~~36.08~~ 32.90 LF	30"	RCP	CLASS III
VI312 - CB311	~~362.20'~~ 362.19	~~360.00'~~ 360.11	~~1.77%~~ 1.71%	~~124.41~~ 121.60 LF	30"	RCP	CLASS III
VI314 - VI312	~~362.82'~~ 362.93	~~362.40'~~ 362.28	~~0.61%~~ 0.98%	~~68.64~~ 66.20 LF	30"	RCP	CLASS III
VI315 - VI314	~~363.69'~~ 363.57	~~363.16'~~ 362.92	~~0.60%~~ 1.02%	~~88.47~~ 86.53 LF	30"	RCP	CLASS III
VI316 - VI315	~~365.00'~~ 364.93	~~363.90'~~ 363.87	~~1.12%~~ 1.11%	~~98.47~~ 95.68 LF	24"	RCP	CLASS III
VI317 - VI316	~~366.00'~~ 365.99	~~365.20'~~ 365.02	~~1.94%~~ 7.71%	~~41.27~~ 38.90 LF	24"	RCP	CLASS III
VI318 - VI317	~~368.00'~~ 368.13	~~366.20'~~ 366.03	~~1.78%~~ 2.14%	~~101.21~~ 98.00 LF	18"	RCP	CLASS III
VI319 - VI318	~~372.50'~~ 372.24	~~368.20'~~ 368.13	~~4.15%~~ 4.07%	~~103.51~~ 101.10 LF	18"	RCP	CLASS III
VI320 - VI319	~~375.00'~~ 374.78	~~372.70'~~ 372.42	~~1.60%~~ 1.68%	~~143.61~~ 140.70 LF	15"	RCP	CLASS III
VI321 - VI320	~~376.00'~~ 376.03	~~375.20'~~ 374.88	~~1.28%~~ 1.90%	~~62.38~~ 60.60 LF	15"	RCP	CLASS III
VI322 - VI321	~~376.70'~~ 376.84	~~376.20'~~ 376.32	~~0.88%~~ 0.93%	~~56.89~~ 55.70 LF	15"	RCP	CLASS III
VI326 - VI303	~~353.00'~~ 353.55	~~351.00'~~ 350.86	~~8.28%~~ 11.42%	~~24.16~~ 23.49 LF	15"	RCP	CLASS III
VI327 - VI278	~~361.80'~~ 361.79	~~360.69'~~ 361.01	~~2.24%~~ 1.63%	~~49.52~~ 45.94 LF	18"	RCP	CLASS III
VI328 - CB350	~~366.00'~~ 365.55	~~363.20'~~ 363.43	~~3.39%~~ 2.64%	~~82.56~~ 80.18 LF	18"	RCP	CLASS III
VI329 - VI328	~~369.00'~~ 368.35	~~366.20'~~ 365.62	~~3.54%~~ 3.55%	~~79.12~~ 76.86 LF	15"	RCP	CLASS III
VI330 - VI329	~~370.00'~~ 369.29	~~369.20'~~ 368.60	~~3.33%~~ 2.98%	~~24.00~~ 23.17 LF	15"	RCP	CLASS III
VI334A - VI334B	~~359.65'~~ 358.83	~~359.60'~~ 358.83	1.25%	~~4.00~~ 3.00 LF	18"	RCP	CLASS III
VI334B - VI309	~~359.55'~~ 358.63	~~359.40'~~ 358.58	~~0.62%~~ 0.22%	~~24.00~~ 22.61 LF	18"	RCP	CLASS III
VI335 - VI334A	~~360.05'~~ 360.06	~~359.75'~~ 358.90	~~0.55%~~ 2.26%	~~54.48~~ 51.40 LF	18"	RCP	CLASS III
VI337 - CB311	~~362.40'~~ 362.39	~~361.40'~~ 361.35	~~1.70%~~ 1.80%	~~58.85~~ 57.70 LF	18"	RCP	CLASS III
VI338 - VI312	~~363.80'~~ 364.23	~~363.53'~~ 363.33	~~0.55%~~ 1.94%	~~49.12~~ 46.40 LF	15"	RCP	CLASS III
VI339 - VI338	~~364.18'~~ 364.52	~~364.00'~~ 364.34	~~0.74%~~ 0.77%	~~24.08~~ 23.50 LF	15"	RCP	CLASS III
VI340 - VI314	~~365.01'~~ 365.23	~~364.70'~~ 364.51	~~0.82%~~ 2.06%	~~37.74~~ 35.00 LF	15"	RCP	CLASS III
VI342 - VI316	~~367.20'~~ 367.03	~~367.00'~~ 366.81	~~0.80%~~ 0.92%	~~25.11~~ 24.00 LF	18"	RCP	CLASS V
VI344 - CB343	~~370.68'~~ 370.54	~~368.50'~~ 368.37	~~1.73%~~ 1.75%	~~126.21~~ 124.30 LF	15"	RCP	CLASS III
VI346 - VI317	~~368.40'~~ 368.16	~~368.10'~~ 368.02	~~1.18%~~ 0.58%	~~25.51~~ 24.20 LF	24"	RCP	CLASS V
VI348 - DI347	~~369.95'~~ 369.02	~~368.80'~~ 368.71	~~3.25%~~ 0.92%	~~35.43~~ 33.80 LF	15"	RCP	CLASS III
VI349 - VI319	~~374.70'~~ 374.70	~~374.10'~~ 373.94	~~2.00%~~ 2.69%	~~29.19~~ 28.30 LF	15"	RCP	CLASS III
VI398 - CB305	~~355.97'~~ 356.01	~~355.80'~~ 355.64	~~0.56%~~ 1.25%	~~30.52~~ 29.50 LF	15"	RCP	CLASS III

STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
CB434 - VI433	377.40'	376.30'	0.53%	206.11 LF	24"	RCP	24 inch RCP
CB437 - CB434	378.00'	377.60'	0.83%	48.18 LF	18"	RCP	CLASS V
DI 420A - VI420	376.97'	376.19'	0.63%	122.61 LF	18"	RCP	CLASS III
DI 429A - VI429	380.41'	379.62'	0.59%	131.96 LF	18"	RCP	CLASS III
DI 433 - DI432	376.41'	375.40'	0.93%	107.73 LF	18"	RCP	CLASS III
DI 438A - DI438	384.00'	382.62'	0.99%	139.99 LF	15"	RCP	CLASS III
DI401 - EW400	368.62'	368.42'	0.60%	33.20 LF	48"	RCP	CLASS III; O-RING
DI405 - VI404	371.56'	370.49'	0.59%	178.60 LF	48"	RCP	CLASS III; O-RING
DI426 - VI425	376.00'	375.30'	0.51%	138.00 LF	15"	RCP	CLASS III
DI432 - VI431	375.40'	374.97'	0.81%	54.12 LF	18"	RCP	CLASS III
DI435 - CB434	377.80'	377.50'	0.51%	58.49 LF	18"	RCP	CLASS V; O-RING
DI438 - VI413	381.87'	380.80'	0.60%	180.04 LF	24"	RCP	CLASS III
DI440 - VI433	380.07'	379.32'	0.61%	123.04 LF	18"	RCP	CLASS III
VI402 - DI401	369.85'	368.62'	0.60%	204.97 LF	48"	RCP	CLASS III; O-RING
VI403 - VI402	370.09'	369.85'	0.62%	38.59 LF	48"	RCP	CLASS III; O-RING
VI404 - VI403	370.49'	370.09'	0.62%	65.36 LF	48"	RCP	CLASS III; O-RING
VI406 - DI405	372.38'	371.56'	0.59%	138.00 LF	48"	RCP	CLASS III
VI407 - VI406	372.83'	372.38'	0.60%	75.47 LF	36"	RCP	CLASS III
VI409 - VI407	373.88'	373.33'	0.61%	89.71 LF	36"	RCP	36 inch RCP
VI410 - VI409	375.60'	374.50'	0.61%	179.42 LF	30"	RCP	CLASS III
VI411 - VI410	378.74'	378.32'	0.94%	44.55 LF	24"	RCP	CLASS III
VI412 - VI411	379.24'	379.00'	0.75%	32.31 LF	24"	RCP	CLASS III
VI413 - VI412	380.80'	379.50'	0.92%	141.43 LF	24"	RCP	CLASS III
VI414 - VI413	385.70'	382.78'	2.09%	140.00 LF	18"	RCP	CLASS III
VI415 - VI414	386.19'	385.90'	1.02%	28.31 LF	15"	RCP	CLASS III
VI416 - VI402	372.50'	372.00'	1.12%	44.65 LF	24"	RCP	24 inch RCP
VI417 - VI416	373.20'	372.70'	0.63%	78.95 LF	18"	RCP	CLASS III
VI418 - VI417	374.00'	373.40'	1.02%	58.72 LF	18"	RCP	CLASS III
VI419 - VI418	374.40'	374.20'	0.83%	24.08 LF	18"	RCP	CLASS III
VI420 - VI419	376.00'	374.60'	0.77%	181.07 LF	18"	RCP	CLASS III
VI421 - VI420	376.50'	376.20'	1.25%	24.01 LF	15"	RCP	CLASS III
VI422 - VI416	380.18'	379.18'	4.17%	24.00 LF	15"	RCP	CLASS III
VI423 - VI406	374.30'	373.32'	1.12%	87.48 LF	24"	RCP	CLASS III
VI424 - VI406	374.70'	374.50'	0.83%	24.00 LF	18"	RCP	CLASS III
VI425 - VI424	375.30'	374.70'	0.81%	73.98 LF	18"	RCP	CLASS III
VI427 - VI430	377.30'	376.55'	0.98%	76.95 LF	15"	RCP	CLASS III
VI428 - VI427	378.00'	377.50'	0.55%	90.75 LF	15"	RCP	CLASS III
VI429 - VI428	379.00'	378.20'	0.71%	112.95 LF	15"	RCP	CLASS III
VI430 - VI409	374.58'	374.38'	0.83%	24.00 LF	24"	RCP	CLASS III
VI431 - VI430	374.97'	374.58'	0.60%	65.00 LF	24"	RCP	CLASS III
VI433 - VI410	376.10'	375.80'	0.51%	58.44 LF	24"	RCP	CLASS III
VI436 - CB434	377.88'	377.50'	1.36%	27.81 LF	18"	RCP	CLASS V
VI439 - VI413	383.00'	382.10'	3.75%	24.00 LF	15"	RCP	CLASS III
VI441 - VI425	~~376.00'~~ 375.95	~~375.50'~~ 375.56	~~3.70%~~ 3.46%	~~13.51~~ 11.27 LF	15"	RCP	CLASS III

STORM PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
EW610 - EW609	354.50'	354.00'	0.86%	58.32 LF	72"	RCP	CLASS III
EW612 - EW611	355.50'	355.00'	0.85%	58.96 LF	72"	RCP	CLASS III
EW614 - EW613	~~379.00'~~ 378.93	~~378.50'~~ 378.48	~~0.68%~~ 0.59%	~~73.83~~ 76.80 LF	48"	RCP	CLASS III
EW616 - EW615	~~379.00'~~ 378.91	~~378.50'~~ 378.40	~~0.67%~~ 0.66%	~~74.32~~ 7729 LF	48"	RCP	CLASS III
FE650 - FE651	343.40'	342.30'	1.11%	99.34 LF	24"	RCP	CLASS V
SCM 1 RISER - EW 601	~~369.90'~~ 369.77	~~369.50'~~ 369.49	0.97%	41.43 LF	30"	RCP	CLASS III
SCM 1 RISER - EW 601	~~369.90'~~ 369.78	~~369.50'~~ 369.45	0.99%	40.32 LF	30"	RCP	CLASS III
SCM 1 RISER - EW601	~~369.90'~~ 369.85	~~369.50'~~ 369.47	0.94%	42.48 LF	30"	RCP	CLASS III
SCM 2 RISER - EW 602	~~380.55'~~ 380.66	~~380.20'~~ 380.18	1.02%	34.19 LF	30"	RCP	CLASS III
SCM 2 RISER - EW602	~~380.55'~~ 380.61	~~380.20'~~ 380.23	1.04%	33.79 LF	30"	RCP	CLASS III
SCM 3 RISER - EW603	~~341.59'~~ 341.79	~~341.00'~~ 340.91	0.43%	139.37 LF	48"	RCP	CLASS III
SCM 4 RISER - EW604	365.45'	365.00'	0.67%	67.61 LF	48"	RCP	CLASS III
SCM 5 RISER - EW605	347.88'	347.30'	0.66%	88.55 LF	42"	RCP	CLASS III

ROSEVILLE CROSSING AS-BUILT INFO

Signed by: Jonathan Smitek
2B53976A98B04FA...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITEK
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
STORM SCHEDULE - AB

JOB NO. 43398
SHEET NO. ASB3.7

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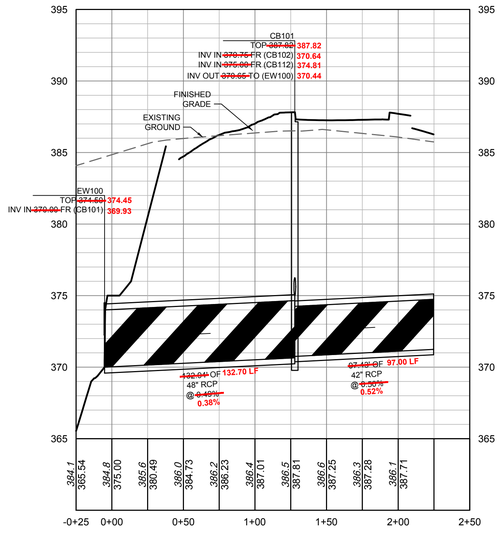
ROSEVILLE CROSSING AS-BUILT INFO



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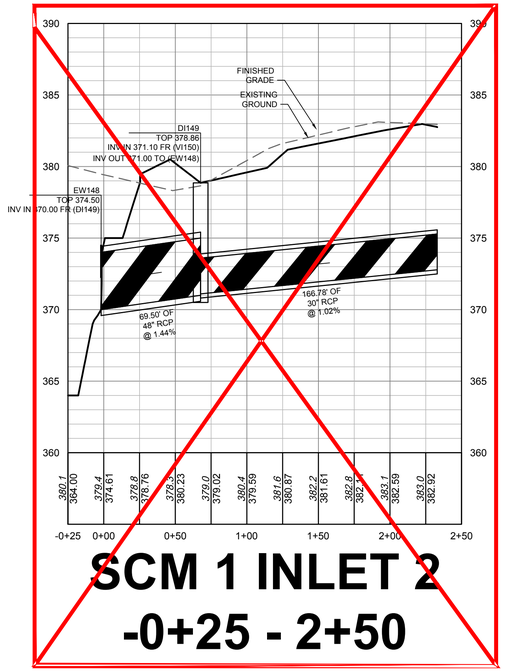

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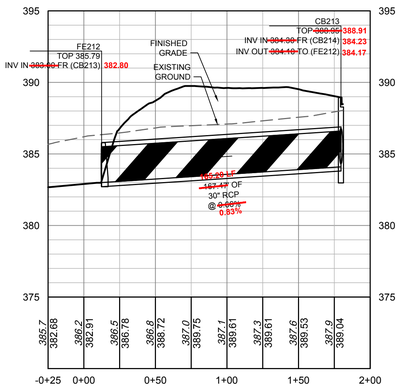

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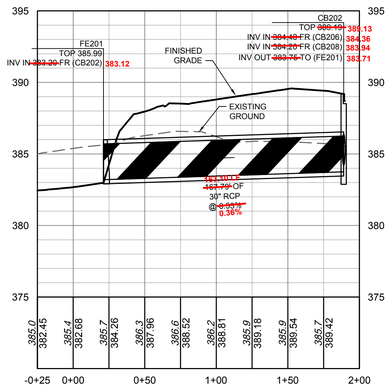

SCM 2 INLET 1
-0+25 - 2+00

5
0
0 50
PROFILE SCALE

Signed by: Jonathan Smitter 2B53D7A4...
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12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
STORM OUTFALL PROFILES - AB

JOB NO. 43398
SHEET NO. ASB3.8

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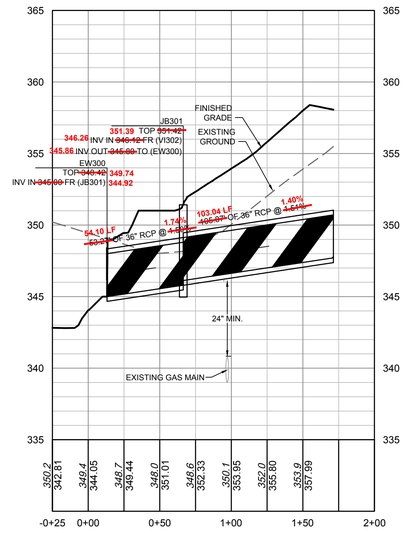
ROSEVILLE CROSSING AS-BUILT INFO



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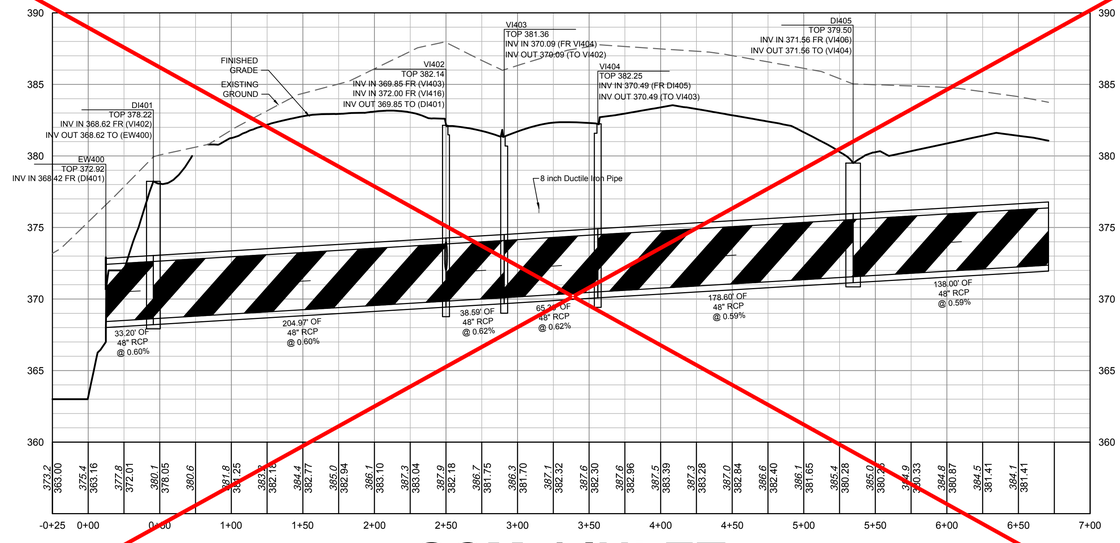

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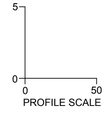

Signed by:
2B53[illegible]

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
STORM OUTFALL PROFILES - AB

JOB NO.
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SHEET NO.
ASB3.9

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ROLESVILLE ROAD - S.R. 1003
80' PUBLIC R/W
MATCHLINE THIS SHEET
MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R/W
PHASE 1
INSET A SHEET C5.4
INSET B - SHEET C5.4
BUFFALO CREEK
(PROPERTY LINE IS CENTERLINE OF CREEK)
DWIGHT THOMAS WOODLEIF AND WIFE CAROLYN WOODLIEF DB 14286, PG 1968 BM 2011, PG 84 PIN 1767-58-0938
CHARLES T. CLARK AND WIFE PATRICIA H. CLARK DB 4572, PG 246 PIN 1767-38-9615
BRIAN SEGUIN TRUSTEE KATHERINE SEGUIN TRUSTEE DB 16272, PG 2053 BM 1987, PG 331 PIN 1767-38-3542
BENNY MOODY, LAWRENCE MOODY, AND JEFFREY LYNN DB 014297, PG 01583 BM 1986, PG 968 PIN 1767-29-4304
CARSON HURLEY DB 18004, PG 1535 BM 1986, PG 967 PIN 1767-38-8313
MILDRED B. MOODY AND RACHEL MOODY DB 17107, PG 562 PIN 1767-38-7170
NORMA AGUILAR DB 12647, PG 1286 PIN 1767-68-5863
WILLIAM WAYNE WATKINS DB 7177, PG 754 BM 1927, PG 69 PIN 1767-77-3114
GRADEN M JOHNSON JR DB 4284, PG 243 PIN 1767-66-9917
JUSTIN THOMAS HARRIS DB 15447, PG 2042 PIN 1767-66-6852
KAYLA M BOGGS DB 18432, PG 1998 PIN 1767-57-9520
ELAINE T WATKINS DB 16-E, PG 1796 PIN 1767-66-2603
WILLIAM WAYNE WATKINS DB 7704, PG 519 PIN 1767-57-6274
JAMES GARY PITTMAN DB 12631, PG 366 PIN 1767-56-6385
JOHN P HAKES DB 11860, PG 2401 PIN 1767-56-2300
JAMES GARY PITTMAN DB 12631, PG 366 PIN 1767-56-3654
MARTY W WEATHERS DB 15-E, PG 2513 PIN 1767-56-0612
"MITCHELL MEADOW SUBDIVISION" BM 2001, PG 1814
LOT 6 WATER DEAN SAULS DB 11390, PG 1138 PIN 1767-46-5953
LOT 7 ROBERT BUTTNER DB 16804, PG 233 PIN 1767-46-6746
LOT 13 ERNEST LLOYD LEE JR DB 12777, PG 1559 PIN 1767-37-5275
LOT 11 ALFRED C THOMAS DB 12779, PG 2611 PIN 1767-37-7282
"WOODS CROSSING SUBDIVISION" BM 2006, PG 466
LOT 10 JOSE L HERNANDEZ DB 17687, PG 672 PIN 1767-47-0283
LOT 4 REGINALD HOPKINS DB 9496, PG 2630 PIN 1767-47-2196
LOT 5 DONNA WATKINS DB 16324, PG 1810 PIN 1767-47-4134
TAVISTON COURT 50' PUBLIC R/W
OS-1001
OS-1002
OS-1003
OS-1004
OS-1005
OS-1006
OS-1007
OS-1008
OS-1009
OS-1010
OS-1011
OS-1012
OS-1013
OS-1014
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OS-1016
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OS-1038
OS-1039
OS-1040

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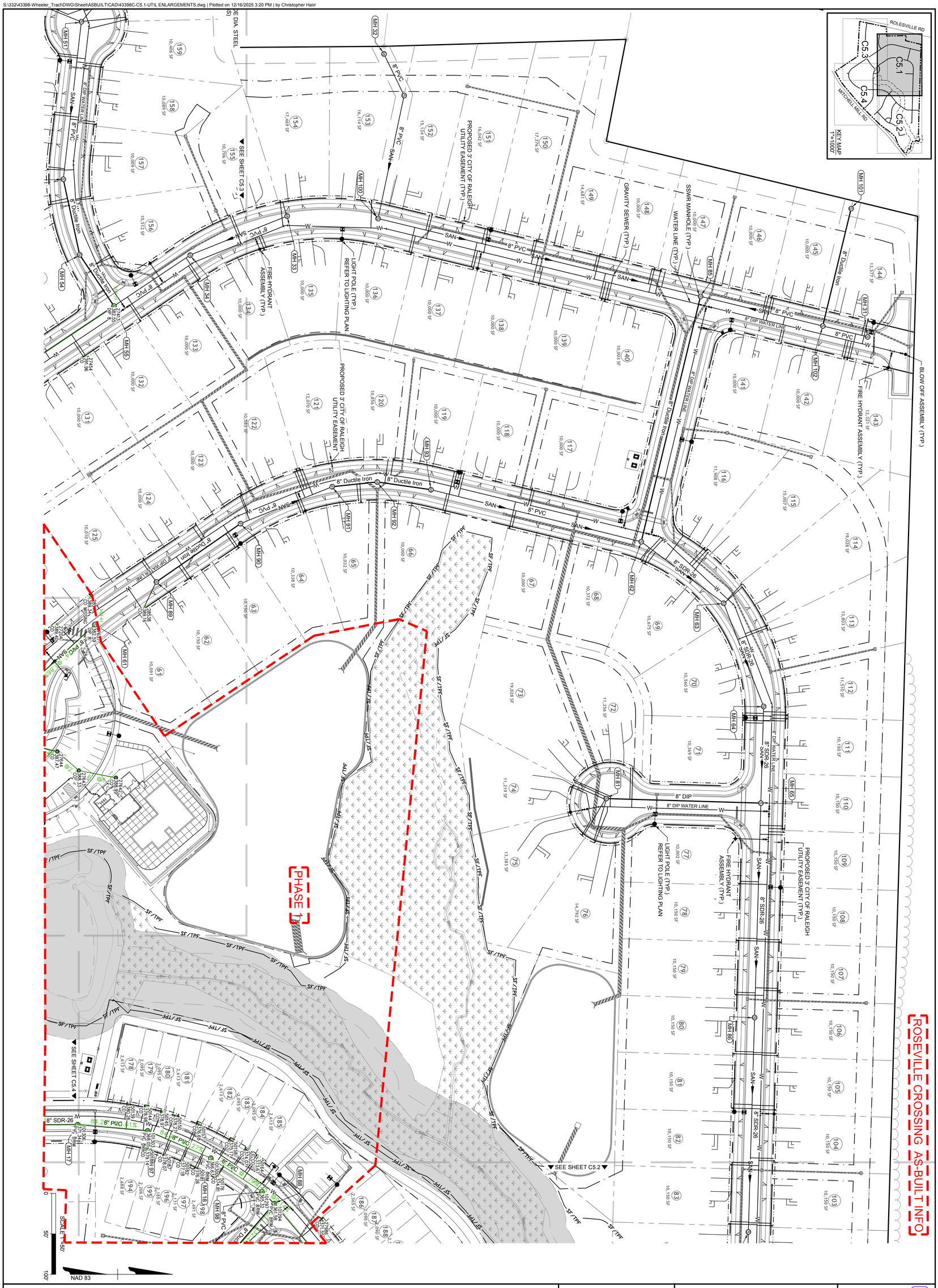

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 050711 SCOTT D. SMITEK
12/17/2025

JOB NO.	SHEET NO.
43398	ASB5.1

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - SEWER - AB

SCALE	CHECKED BY	DESIGNED BY	DRAWN BY	DATE
	P. BARBEAU	P. BARBEAU	R. WINGATE	09/17/2021

DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

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BLOW OFF ASSEMBLY (TYP.)
WATER LINE (TYP.)
FIRE HYDRANT ASSEMBLY (TYP.)
SSWR MANHOLE (TYP.)
GRAVITY SEWER (TYP.)
LIGHT POLE (TYP.) REFER TO LIGHTING PLAN
PROPOSED 3' CITY OF RALEIGH UTILITY EASEMENT
CITY OF RALEIGH UTILITY EASEMENT
2" WATER METER AND BACKFLOW
PUMP STATION (REFER TO PUMP STATION PLANS)
FORCE MAIN (TYP.)
WATER SERVICE FOR PUMP STATION
BUFFALO CREEK (PROPERTY LINE IS CENTERLINE OF CREEK)
MITCHELL MILL ROAD - S.R. 2224 60' PUBLIC R/W
ROSEVILLE CROSSING AS-BUILT INFO
PHASE 1
SEE SHEET C5.1
SEE SHEET C5.4
KEY MAP 1"=1000'
C5.1
C5.2
C5.3
C5.4
ROLESVILLE RD
MITCHELL MILL RD
SCALE 1"=50'
NAD 83

Signed by: Jonathan Smith (2853D1A4-...)
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH
12/17/2025

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	08-14-2023
REVISED ROLESVILLE ROAD STRIPING	04-17-2025

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - SEWER - AB

JOB NO. 43398
SHEET NO. ASB5.2

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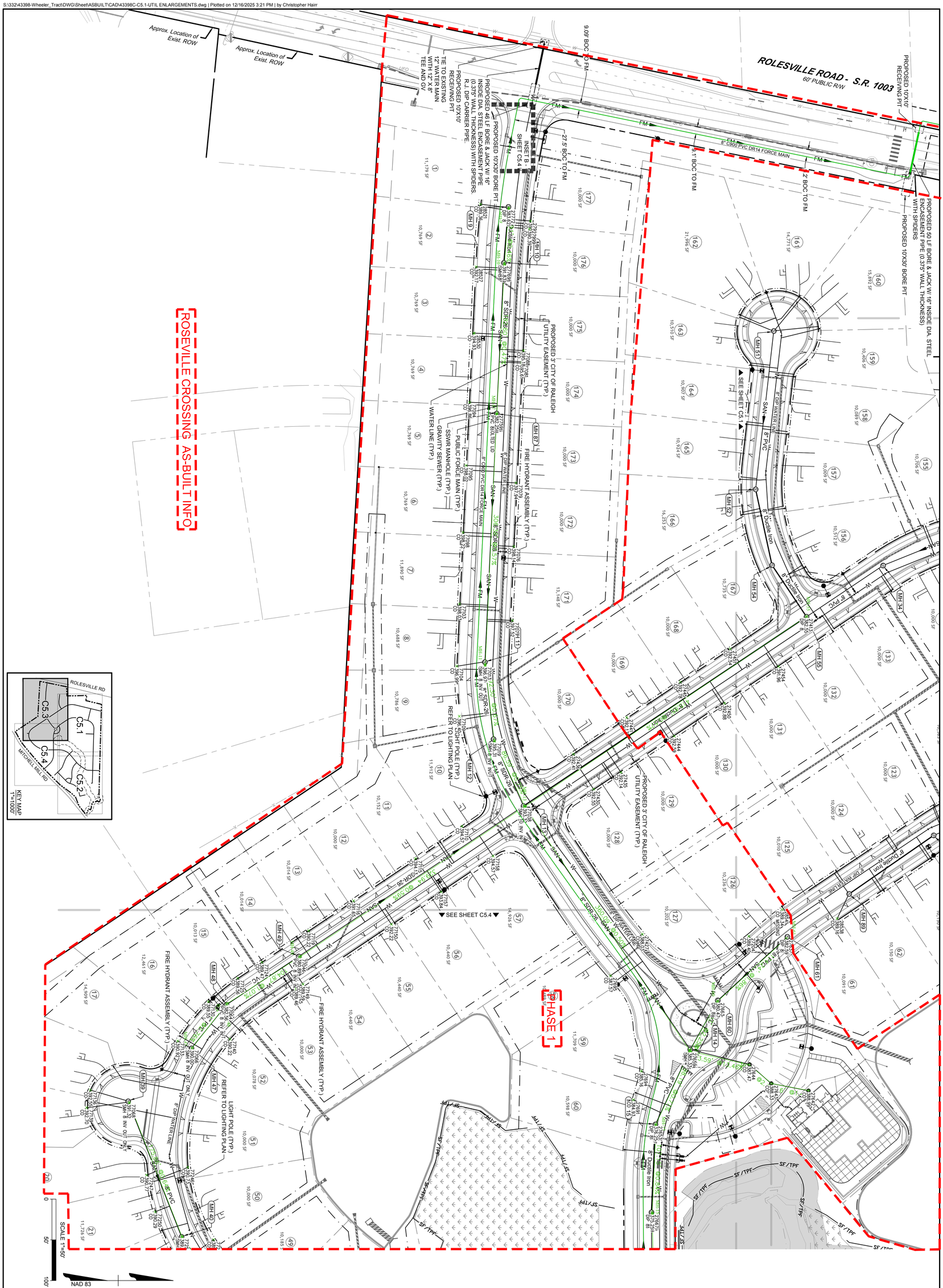

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Signed by: Jonathan Hairr
12/17/2025
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 050711 JONATHAN SCOTT HAIRR

SHEET NO.	JOB NO.
ASB5.3	43398

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - SEWER - AB

SCALE	CHECKED BY	DESIGNED BY	DRAWN BY	DATE
	P. BARBEAU	P. BARBEAU	R. WINGATE	09/17/2021

DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

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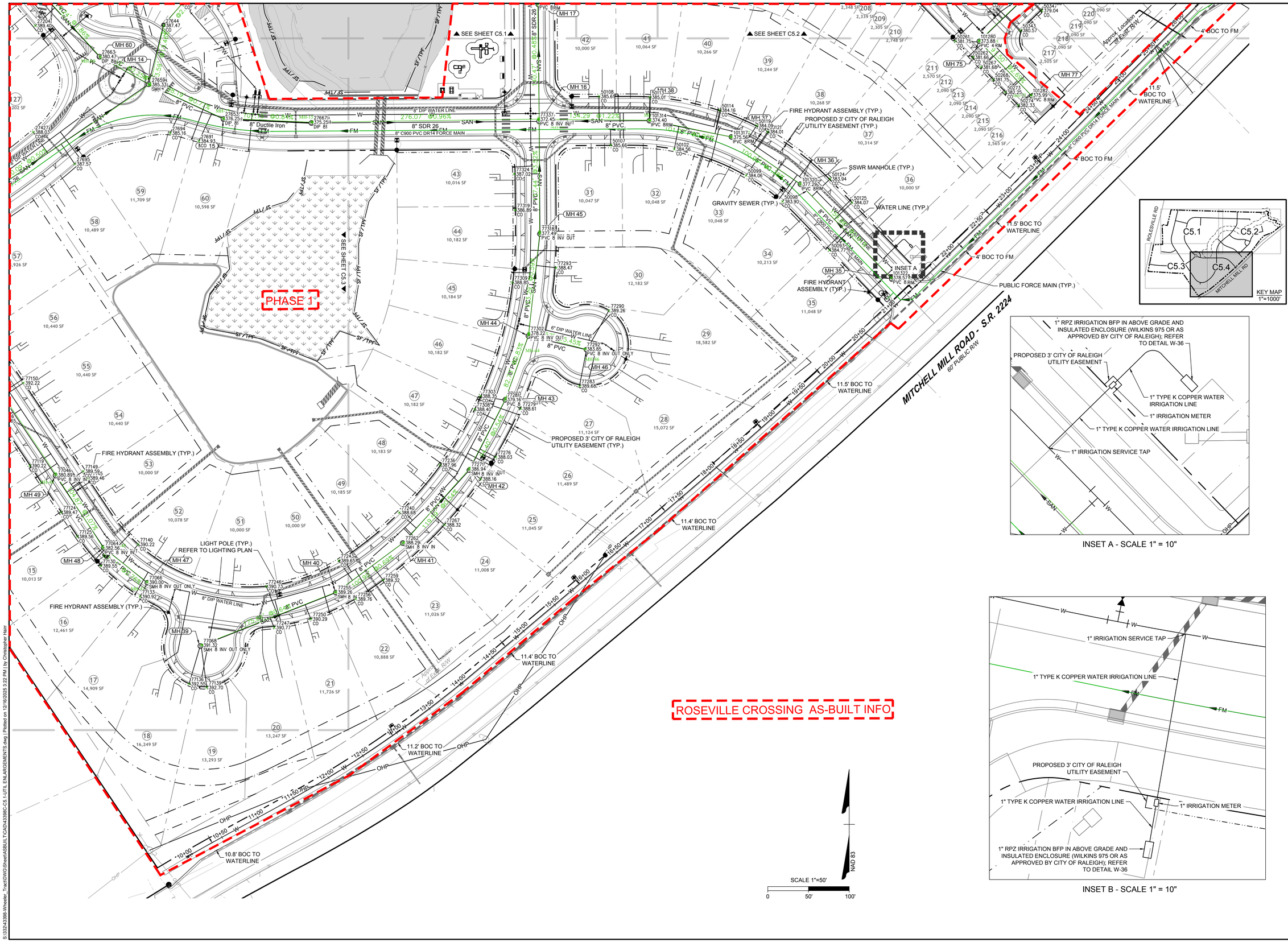

INSET A - SCALE 1" = 10"

INSET B - SCALE 1" = 10"

Signed by: Jonathan Smith 2853(NC)

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND UTILITY ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: *09/17/2021*
DRAWN BY: *R. WINGATE*
DESIGNED BY: *P. BARBEAU*
CHECKED BY: *P. BARBEAU*
SCALE:

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

DETAILED UTILITY PLAN - SEWER - AB

JOB NO. *43398*
SHEET NO. *ASB5.4*

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SANITARY SEWER STRUCTURE TABLE

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
122	386.63'	383.15' (4" PVC FROM MH 14)	383.15' (4" PVC TO 123)	4 " Cleanout
123	386.24'	383.50' (4" PVC FROM 122)	383.50' (4" PVC TO 124)	4 " Cleanout
124	387.08'	384.00' (4" PVC FROM 123)	384.00' (4" PVC TO)	4 " Cleanout
MH 9	389.14 ~~389.23'~~		383.62 ~~383.68'~~ (8" Ductile Iron TO MH 10)	48" Manhole
MH 10	391.83 ~~391.86'~~	383.30 ~~383.34'~~ (8" Ductile Iron FROM MH 9)	383.12 ~~383.14'~~ (8" SDR-26 TO MH 87)	60" Manhole
MH 11	396.97 ~~396.93'~~	380.35 ~~380.40'~~ (8" SDR-26 FROM MH 87)	380.20 ~~380.28'~~ (8" SDR-26 TO MH 12)	60" Manhole
MH 12	395.31 ~~395.18'~~	379.58 ~~379.81'~~ (8" SDR-26 FROM MH 11)	379.51 ~~379.61'~~ (8" SDR-26 TO MH 13)	60" Manhole
MH 13	393.32 ~~393.39'~~	378.86 ~~379.16'~~ (8" SDR-26 FROM MH 12) 380.18 ~~380.01'~~ (8" Ductile Iron FROM MH 55) 378.84 ~~379.16'~~ (8" SDR-26 FROM MH 49)	378.81 ~~378.96'~~ (8" SDR-26 TO MH 14)	60" Manhole
MH 14	385.33 ~~385.10'~~	377.01 ~~377.16'~~ (8" SDR-26 FROM MH 13) 378.75 ~~378.90'~~ (8" PVC FROM MH 60)	377.00 ~~376.96'~~ (8" PVC TO MH 15) 377.57 ~~378.90'~~ (4" PVC TO 122)	48" Manhole
MH 15	384.02 ~~384.13'~~	376.25 ~~376.45'~~ (8" PVC FROM MH 14)	376.15 ~~376.07'~~ (8" Ductile Iron TO MH 15A)	48" Manhole
MH 15A	384.76 ~~384.82'~~	375.25 ~~375.53'~~ (8" Ductile Iron FROM MH 15)	375.15 ~~375.33'~~ (8" SDR 26 TO MH 16)	48" Manhole
MH 16	385.74 ~~385.95'~~	372.45 ~~373.03'~~ (8" SDR 26 FROM MH 15A) 372.51 ~~373.30'~~ (8" PVC FROM MH 38) 372.50 ~~374.90'~~ (8" PVC FROM MH 45)	372.38 ~~373.10'~~ (8" SDR-26 TO MH 17)	60" Manhole
MH 17	382.77 ~~382.86'~~	371.71 ~~372.38'~~ (8" SDR-26 FROM MH 16)	371.34 ~~372.18'~~ (8" PVC TO MH 97)	48" Manhole
MH 18	375.24 ~~375.35'~~	366.98 ~~366.83'~~ (8" PVC FROM MH 97)	366.63 ~~366.63'~~ (8" PVC TO MH 98)	48" Manhole
MH 20	368.41 ~~368.47'~~	359.71 ~~360.15'~~ (8" PVC FROM MH 88)	358.24 ~~357.94'~~ (8" PVC TO MH 21)	48" DROP Manhole
MH 21	365.57 ~~365.71'~~	357.37 ~~356.40'~~ (8" PVC FROM MH 20)	357.20 ~~356.20'~~ (8" PVC TO MH 22)	48" Manhole
MH 22	364.27 ~~363.89'~~	356.60 ~~355.27'~~ (8" PVC FROM MH 21)	355.80 ~~355.07'~~ (8" Ductile Iron TO MH 23)	48" Manhole
MH 23	365.97 ~~366.65'~~	354.99 ~~354.37'~~ (8" Ductile Iron FROM MH 22)	354.80 ~~354.07'~~ (8" SDR 26 TO MH 24)	48" Manhole
MH 24	369.13 ~~369.02'~~	353.96 ~~353.33'~~ (8" SDR 26 FROM MH 23) 353.45 ~~356.00'~~ (8" SDR 26 FROM MH 76)	353.15 ~~353.10'~~ (8" SDR 26 TO MH 25)	60" Drop Manhole
MH 25	367.92 ~~368.13'~~	352.65 ~~352.94'~~ (8" SDR 26 FROM MH 24)	352.27 ~~352.74'~~ (8" SDR-26 TO MH 25B)	60" Manhole
MH 25B	364.58 ~~364.54'~~	351.37 ~~352.28'~~ (8" SDR-26 FROM MH 25)	351.15 ~~351.08'~~ (8" SDR-26 TO MH 26)	60" Manhole
MH 26	361.76 ~~361.70'~~	350.73 ~~350.68'~~ (8" SDR-26 FROM MH 25B)	350.42 ~~350.48'~~ (8" Ductile Iron TO MH 70)	48" Manhole
MH 27	360.73 ~~360.59'~~	342.87 ~~343.04'~~ (12" SDR-26 FROM MH 70)	342.84 ~~342.84'~~ (12" SDR-26 TO MH 28)	60" Manhole
MH 28	359.13 ~~359.04'~~	341.91 ~~342.06'~~ (12" SDR-26 FROM MH 27)	341.86 ~~341.86'~~ (12" SDR-26 TO MH 29)	60" Manhole
MH 29	348.08 ~~348.04'~~	341.35 ~~341.24'~~ (12" SDR-26 FROM MH 28)	341.17 ~~341.04'~~ (12" Ductile Iron TO MH 114)	48" Manhole
MH 30A	349.33 ~~349.00'~~	329.20 ~~329.00'~~ (12" SDR-26 FROM MH 30B)		72" Manhole
MH 30B	349.32 ~~348.00'~~	333.80 ~~331.70'~~ (12" SDR-26 FROM MH 114)	331.50 ~~329.20'~~ (12" SDR-26 TO MH 30A)	60" Manhole
MH 31	381.82'		374.25' (8" PVC TO MH 102)	48" Manhole
MH 32	397.52'		383.80' (8" PVC TO MH 107)	60" Manhole
MH 33	391.07'		385.38' (8" PVC TO MH 34)	48" Manhole
MH 34	389.88'	384.18' (8" PVC FROM MH 33)	383.98' (8" PVC TO MH 55)	48" Manhole
MH 35	385.92 ~~386.01'~~		378.57 ~~377.75'~~ (8" PVC TO MH 36)	48" Manhole
MH 36	383.53 ~~383.28'~~	377.29 ~~375.60'~~ (8" PVC FROM MH 35)	376.96 ~~375.40'~~ (8" PVC TO MH 37)	48" Manhole
MH 37	383.68 ~~383.47'~~	375.56 ~~374.89'~~ (8" PVC FROM MH 36)	375.32 ~~374.69'~~ (8" PVC TO MH 38)	48" Manhole
MH 38	384.53 ~~384.57'~~	374.40 ~~374.18'~~ (8" PVC FROM MH 37)	374.15 ~~373.98'~~ (8" PVC TO MH 16)	48" Manhole
MH 39	391.32 ~~391.37'~~		382.41 ~~382.51'~~ (8" PVC TO MH 40)	48" Manhole
MH 40	389.26 ~~389.29'~~	381.29 ~~381.35'~~ (8" PVC FROM MH 39)	381.19 ~~381.15'~~ (8" PVC TO MH 41)	48" Manhole
MH 41	388.29 ~~388.32'~~	380.50 ~~380.64'~~ (8" PVC FROM MH 40)	380.38 ~~380.44'~~ (8" PVC TO MH 42)	48" Manhole
MH 42	386.94 ~~387.47'~~	379.74 ~~379.83'~~ (8" PVC FROM MH 41)	379.68 ~~379.63'~~ (8" PVC TO MH 43)	48" Manhole
MH 43	387.99 ~~387.89'~~	379.16 ~~379.14'~~ (8" PVC FROM MH 42)	379.10 ~~378.94'~~ (8" PVC TO MH 44)	60" Manhole
MH 44	388.58 ~~388.50'~~	378.41 ~~378.53'~~ (8" PVC FROM MH 43) 380.00 ~~380.70'~~ (8" PVC FROM MH 46)	378.22 ~~378.33'~~ (8" PVC TO MH 45)	72" DROP Manhole
MH 45	387.32 ~~387.32'~~	377.49 ~~377.70'~~ (8" PVC FROM MH 44)	377.33 ~~377.50'~~ (8" PVC TO MH 16)	60" Manhole
MH 46	389.86 ~~389.57'~~		383.85 ~~383.73'~~ (8" PVC TO MH 44)	48" Manhole
MH 47	390.00 ~~390.04'~~		384.42 ~~384.40'~~ (8" PVC TO MH 48)	48" Manhole
MH 48	388.70 ~~388.65'~~	382.56 ~~382.81'~~ (8" PVC FROM MH 47)	382.01 ~~382.09'~~ (8" PVC TO MH 49)	48" Manhole
MH 49	388.98 ~~388.93'~~	380.89 ~~381.02'~~ (8" PVC FROM MH 48)	380.80 ~~380.82'~~ (8" SDR-26 TO MH 13)	48" Manhole
MH 51	394.83'		388.70' (8" PVC TO MH 52)	48" Manhole
MH 52	391.16'	384.00' (8" PVC FROM MH 51)	383.36' (8" Ductile Iron TO MH 54)	48" Manhole
MH 54	389.33'	382.88' (8" Ductile Iron FROM MH 52)	382.68' (8" Ductile Iron TO MH 55)	48" Manhole
MH 55	390.10'	383.41' (8" PVC FROM MH 34) 382.30' (8" Ductile Iron FROM MH 54)	382.10' (8" Ductile Iron TO MH 13)	48" Manhole

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
MH 60	386.83 ~~386.68'~~	380.47 ~~380.50'~~ (8" PVC FROM MH 61)	380.27 ~~380.30'~~ (8" PVC TO MH 14)	48" Manhole
MH 61	389.18 ~~389.04'~~		382.59 ~~382.36'~~ (8" PVC TO MH 60)	48" Manhole
MH 62	381.71'	371.06' (8" Ductile Iron FROM MH 85) 369.20' (8" PVC FROM MH 93)	369.00' (8" SDR-26 TO MH 63)	60" Manhole
MH 63	383.00'	368.37' (8" SDR-26 FROM MH 62)	368.17' (8" SDR-26 TO MH 64)	60" Manhole
MH 64	384.48'	367.53' (8" SDR-26 FROM MH 63)	367.33' (8" SDR-26 TO MH 65)	60" Manhole
MH 65	384.85'	366.69' (8" SDR-26 FROM MH 64) 375.87' (8" DIP FROM MH 81)	366.49' (8" SDR-26 TO MH 86)	72" Drop Manhole
MH 66	374.81'	363.65' (8" SDR-26 FROM MH 86)	363.45' (8" PVC TO MH 67)	48" Manhole
MH 67	369.89'	360.74' (8" PVC FROM MH 66) 355.07' (8" PVC FROM MH 80)	354.87' (8" PVC TO MH 68)	60" DROP Manhole
MH 68	361.32'	352.05' (8" PVC FROM MH 67)	351.00' (12" SDR-26 TO MH 94)	48" Manhole
MH 69	356.16 ~~356.03'~~	344.08 ~~344.23'~~ (12" Ductile Iron FROM MH 94)	344.02 ~~344.03'~~ (12" SDR-26 TO MH 70)	48" Manhole
MH 70	360.90 ~~360.83'~~	346.35 ~~350.08'~~ (8" Ductile Iron FROM MH 26) 343.06 ~~343.43'~~ (12" SDR-26 FROM MH 69)	343.01 ~~343.23'~~ (12" SDR-26 TO MH 27)	72" DROP Manhole
MH 72	374.02 ~~373.82'~~	363.04 ~~365.12'~~ (8" Ductile Iron FROM MH 73)	362.90 ~~364.39'~~ (8" Ductile Iron TO MH 88)	48" Manhole
MH 73	381.03 ~~380.95'~~	370.09 ~~371.35'~~ (8" PVC FROM MH 74)	368.83 ~~370.80'~~ (8" Ductile Iron TO MH 72)	48" Manhole
MH 74	381.63 ~~381.68'~~		371.56 ~~372.88'~~ (8" PVC TO MH 73)	48" Manhole
MH 75	380.96 ~~381.04'~~	373.54 ~~373.87'~~ (8" PVC FROM MH 77)	373.42 ~~373.63'~~ (8" SDR 26 TO MH 76)	48" Manhole
MH 76	369.63 ~~369.68'~~	358.60 ~~359.21'~~ (8" SDR 26 FROM MH 75)	357.56 ~~358.00'~~ (8" SDR 26 TO MH 24)	48" Manhole
MH 77	381.76 ~~381.78'~~		375.99 ~~376.10'~~ (8" PVC TO MH 75)	48" Manhole
MH 79	364.91'		356.00' (8" Ductile Iron TO MH 80)	48" Manhole
MH 80	366.39'	355.78' (8" Ductile Iron FROM MH 79)	355.58' (8" PVC TO MH 67)	48" Manhole
MH 81	382.65'		377.76' (8" DIP TO MH 65)	48" Manhole
MH 85	384.69'	372.99' (8" PVC FROM MH 102) 375.00' (8" PVC FROM MH 100)	372.62' (8" Ductile Iron TO MH 62)	60" Manhole
MH 86	379.95'	365.17' (8" SDR-26 FROM MH 65)	364.97' (8" SDR-26 TO MH 66)	60" Manhole
MH 87	396.64 ~~396.61'~~	382.25 ~~382.21'~~ (8" SDR-26 FROM MH 10)	382.08 ~~382.01'~~ (8" SDR-26 TO MH 11)	60" Manhole
MH 88	372.05 ~~371.95'~~	363.27 ~~365.20'~~ (8" PVC FROM MH 98) 361.58 ~~363.05'~~ (8" Ductile Iron FROM MH 72)	361.46 ~~362.85'~~ (8" PVC TO MH 20)	48" Manhole
MH 89	388.83'		382.08' (8" Ductile Iron TO MH 90)	48" Manhole
MH 90	386.32'	380.48' (8" Ductile Iron FROM MH 89)	380.28' (8" PVC TO MH 91)	48" Manhole
MH 91	383.74'	378.09' (8" PVC FROM MH 90)	377.89' (8" Ductile Iron TO MH 92)	48" Manhole
MH 92	382.60'	377.62' (8" Ductile Iron FROM MH 91)	375.30' (8" Ductile Iron TO MH 93)	48" Manhole
MH 93	381.17'	374.63' (8" Ductile Iron FROM MH 92)	370.54' (8" PVC TO MH 62)	48" DROP Manhole
MH 94	353.05'	347.19' (12" SDR-26 FROM MH 68)	345.10' (12" Ductile Iron TO MH 69)	48" Manhole
MH 97	378.87 ~~379.13'~~	368.30 ~~370.02'~~ (8" PVC FROM MH 17)	368.05 ~~368.10'~~ (8" PVC TO MH 18)	48" DROP Manhole
MH 98	372.44 ~~372.46'~~	365.32 ~~365.50'~~ (8" PVC FROM MH 18)	365.21 ~~365.30'~~ (8" PVC TO MH 88)	48" Manhole
MH 100	390.31'	382.00' (8" PVC FROM MH 107)	381.60' (8" PVC TO MH 85)	48" Manhole
MH 101	387.77'		377.00' (8" Ductile Iron TO MH 102)	48" Manhole
MH 102	382.55'	373.97' (8" PVC FROM MH 31) 375.20' (8" Ductile Iron FROM MH 101)	373.77' (8" PVC TO MH 85)	48" Manhole
MH 107	390.03'	383.20' (8" PVC FROM MH 32)	383.00' (8" PVC TO MH 100)	48" Manhole
MH 114	347.88 ~~348.00'~~	339.98 ~~340.55'~~ (12" Ductile Iron FROM MH 29)	339.90 ~~339.89'~~ (12" SDR-26 TO MH 30B)	48" Manhole
MH 2081	347.94 ~~346.57'~~	337.44 ~~337.28'~~ (8" PVC FROM MH 2082)	337.31 ~~337.08'~~ (8" PVC TO)MH 208	48" Manhole
MH 2082	348.38 ~~347.52'~~		338.31 ~~338.04'~~ (8" PVC TO MH 2081)	48" Manhole
MH 208	347.06	345.47' (8" PVC FROM MH 2081)		

SANITARY SEWER PIPE TABLE

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL
122 - 123	383.15'	383.50'	-0.99%	35.47 LF	4"	PVC
123 - 124	383.50'	384.00'	-1.07%	46.56 LF	4"	PVC
124 -	384.00'	384.05'	-1.00%	5.00 LF	4"	PVC
MH 9 - MH 10	383.62 ~~383.68'~~	383.30 ~~383.34'~~	0.47% ~~0.50%~~	67.91 ~~68.92~~ LF	8"	Ductile Iron
MH 10 - MH 87	383.12 ~~383.14'~~	382.25 ~~382.21'~~	0.48% ~~0.50%~~	182.60 ~~185.38~~ LF	8"	SDR-26
MH 11 - MH 12	380.20 ~~380.28'~~	379.58 ~~379.81'~~	0.67% ~~0.50%~~	92.30 ~~95.17~~ LF	8"	SDR-26
MH 12 - MH 13	379.51 ~~379.61'~~	378.84 ~~379.16'~~	0.75% ~~0.50%~~	86.59 ~~90.04~~ LF	8"	SDR-26
MH 13 - MH 14	378.81 ~~378.96'~~	377.01 ~~377.16'~~	0.50% ~~0.50%~~	360.09 ~~362.44~~ LF	8"	SDR-26
MH 14 - 122	378.90'	383.15'	-5.66%	75.04 LF	4"	PVC
MH 14 - MH 15	377.00 ~~376.96'~~	376.25 ~~376.45'~~	0.76% ~~0.50%~~	98.19 ~~101.40~~ LF	8"	PVC
MH 15 - MH 15A	376.15 ~~376.07'~~	375.25 ~~375.53'~~	0.84% ~~0.50%~~	107.15 ~~108.17~~ LF	8"	Ductile Iron
MH 15A - MH 16	375.10 ~~375.33'~~	372.45 ~~373.03'~~	0.96% ~~0.50%~~	276.07 ~~279.70~~ LF	8"	SDR 26
MH 16 - MH 17	372.38 ~~373.10'~~	371.71 ~~372.38'~~	0.48% ~~0.50%~~	140.47 ~~143.75~~ LF	8"	SDR-26
MH 17 - MH 97	371.34 ~~372.18'~~	368.30 ~~370.02'~~	3.61% ~~2.50%~~	84.23 ~~86.61~~ LF	8"	PVC
MH 18 - MH 98	366.63 ~~366.63'~~	365.32 ~~365.50'~~	1.79% ~~1.50%~~	73.60 ~~75.57~~ LF	8"	PVC
MH 20 - MH 21	358.24 ~~357.94'~~	357.37 ~~356.40'~~	0.58% ~~1.02%~~	150.09 ~~151.59~~ LF	8"	PVC
MH 21 - MH 22	357.20 ~~356.20'~~	356.60 ~~355.27'~~	0.51% ~~0.80%~~	116.65 ~~115.99~~ LF	8"	PVC
MH 22 - MH 23	355.80 ~~355.07'~~	354.99 ~~354.37'~~	0.59% ~~0.50%~~	137.93 ~~139.17~~ LF	8"	Ductile Iron
MH 23 - MH 24	354.80 ~~354.07'~~	353.96 ~~353.33'~~	0.58% ~~0.50%~~	145.44 ~~148.81~~ LF	8"	SDR 26
MH 24 - MH 25	353.15 ~~353.10'~~	352.65 ~~352.94'~~	1.52% ~~0.50%~~	32.97 ~~31.70~~ LF	8"	SDR 26
MH 25 - MH 25B	352.27 ~~352.74'~~	351.37 ~~352.28'~~	1.01% ~~0.51%~~	89.13 ~~91.07~~ LF	8"	SDR-26
MH 25B - MH 26	351.15 ~~351.08'~~	350.73 ~~350.68'~~	0.55% ~~0.51%~~	75.92 ~~78.22~~ LF	8"	SDR-26
MH 26 - MH 70	350.42 ~~350.48'~~	346.35 ~~350.08'~~	9.91% ~~0.97%~~	41.09 ~~41.39~~ LF	8"	Ductile Iron
MH 27 - MH 28	342.84 ~~342.84'~~	341.91 ~~342.06'~~	0.60% ~~0.50%~~	155.72 ~~156.90~~ LF	12"	SDR-26
MH 28 - MH 29	341.86 ~~341.86'~~	341.35 ~~341.24'~~	0.43% ~~0.50%~~	119.41 ~~125.28~~ LF	12"	SDR-26
MH 29 - MH 114	341.17 ~~341.04'~~	339.98 ~~340.55'~~	1.16% ~~0.50%~~	102.23 ~~96.22~~ LF	12"	Ductile Iron
MH 30B - MH 30A	331.50 ~~329.20'~~	329.20 ~~329.00'~~	10.76% ~~0.75%~~	21.38 ~~26.50~~ LF	12"	SDR-26
MH 31 - MH 102	374.25'	373.97'	0.50%	56.92 LF	8"	PVC
MH 32 - MH 107	383.80'	383.20'	1.05%	57.07 LF	8"	PVC
MH 33 - MH 34	385.38'	384.18'	0.93%	129.01 LF	8"	PVC
MH 34 - MH 55	383.98'	383.41'	0.50%	113.10 LF	8"	PVC
MH 35 - MH 36	378.57 ~~377.75'~~	377.29 ~~375.60'~~	159.88 ~~1.33%~~	0.80% ~~161.68~~ LF	8"	PVC
MH 36 - MH 37	376.96 ~~375.40'~~	375.56 ~~374.89'~~	1.39% ~~0.50%~~	100.99 ~~102.70~~ LF	8"	PVC
MH 37 - MH 38	375.32 ~~374.69'~~	374.40 ~~374.18'~~	0.91% ~~0.50%~~	101.07 ~~102.70~~ LF	8"	PVC
MH 38 - MH 16	374.15 ~~373.98'~~	372.51 ~~373.30'~~	1.22% ~~0.50%~~	134.29 ~~135.48~~ LF	8"	PVC
MH 39 - MH 40	382.41 ~~382.51'~~	381.29 ~~381.35'~~	0.64% ~~0.65%~~	175.86 ~~178.89~~ LF	8"	PVC
MH 40 - MH 41	381.19 ~~381.15'~~	280.50 ~~380.64'~~	0.68% ~~0.50%~~	100.90 ~~102.28~~ LF	8"	PVC
MH 41 - MH 42	380.38 ~~380.44'~~	379.74 ~~379.83'~~	0.54% ~~0.50%~~	119.59 ~~121.36~~ LF	8"	PVC
MH 42 - MH 43	379.68 ~~379.63'~~	379.16 ~~379.14'~~	0.55% ~~0.50%~~	94.40 ~~97.03~~ LF	8"	PVC
MH 43 - MH 44	379.10 ~~378.94'~~	378.41 ~~378.53'~~	0.83% ~~0.50%~~	82.73 ~~83.37~~ LF	8"	PVC
MH 44 - MH 45	378.22 ~~378.33'~~	377.49 ~~377.70'~~	0.59% ~~0.50%~~	123.29 ~~126.18~~ LF	8"	PVC
MH 45 - MH 16	377.33 ~~377.50'~~	372.50 ~~374.90'~~	3.51% ~~1.88%~~	137.44 ~~138.21~~ LF	8"	PVC
MH 46 - MH 44	383.85 ~~383.73'~~	380.00 ~~380.70'~~	5.46% ~~4.13%~~	70.57 ~~73.40~~ LF	8"	PVC
MH 47 - MH 48	384.42 ~~384.40'~~	382.56 ~~382.81'~~	2.76 ~~2.31%~~	67.41 ~~68.63~~ LF	8"	PVC
MH 48 - MH 49	382.01 ~~382.09'~~	380.89 ~~381.02'~~	1.07% ~~1.00%~~	104.87 ~~106.63~~ LF	8"	PVC
MH 49 - MH 13	380.80 ~~380.82'~~	378.84 ~~379.16'~~	0.60% ~~0.50%~~	329.94 ~~332.23~~ LF	8"	SDR-26
MH 51 - MH 52	388.70'	384.00'	2.40%	195.71 LF	8"	PVC
MH 52 - MH 54	383.36'	382.88'	0.50%	95.33 LF	8"	Ductile Iron
MH 54 - MH 55	382.68'	382.30'	0.50%	76.17 LF	8"	Ductile Iron
MH 55 - MH 13	382.10'	380.01'	0.50%	418.16 LF	8"	Ductile Iron

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL
MH 60 - MH 14	380.27 ~~380.30'~~	378.75 ~~378.90'~~	2.25% ~~2.02%~~	67.62 ~~60.24~~ LF	8"	PVC
MH 61 - MH 60	382.59 ~~382.36'~~	380.47 ~~380.50'~~	1.86% ~~1.61%~~	114.24 ~~115.71~~ LF	8"	PVC
MH 62 - MH 63	369.00'	368.37'	0.50%	126.81 LF	8"	SDR-26
MH 63 - MH 64	368.17'	367.53'	0.47%	136.67 LF	8"	SDR-26
MH 64 - MH 65	367.33'	366.69'	0.53%	119.36 LF	8"	SDR-26
MH 65 - MH 86	366.49'	365.17'	0.50%	264.72 LF	8"	SDR-26
MH 66 - MH 67	363.45'	360.74'	0.73%	373.47 LF	8"	PVC
MH 67 - MH 68	354.87'	352.05'	0.93%	303.63 LF	8"	PVC
MH 68 - MH 94	351.00'	347.19'	3.89%	97.89 LF	12"	SDR-26
MH 69 - MH 70	344.02 ~~344.03'~~	343.06 ~~343.43'~~	0.82% ~~0.51%~~	117.16 ~~118.62~~ LF	12"	SDR-26
MH 70 - MH 27	343.01 ~~343.23'~~	342.87 ~~343.04'~~	0.55% ~~0.66%~~	25.25 ~~28.17~~ LF	12"	SDR-26
MH 72 - MH 88	362.90 ~~364.39'~~	361.58 ~~363.05'~~	1.00% ~~1.00%~~	132.28 ~~133.67~~ LF	8"	Ductile Iron
MH 73 - MH 72	368.83 ~~370.80'~~	363.04 ~~365.12'~~	2.75% ~~2.76%~~	210.20 ~~205.45~~ LF	8"	Ductile Iron
MH 74 - MH 73	371.56 ~~372.88'~~	370.09 ~~371.35'~~	1.50% ~~1.45%~~	97.88 ~~105.25~~ LF	8"	PVC
MH 75 - MH 76	373.42 ~~373.63'~~	358.60 ~~359.21'~~	4.01% ~~3.91%~~	369.23 ~~369.16~~ LF	8"	SDR 26
MH 76 - MH 24	357.56 ~~358.00'~~	353.45 ~~356.00'~~	9.19% ~~4.10%~~	44.70 ~~48.82~~ LF	8"	SDR 26
MH 77 - MH 75	375.99 ~~376.10'~~	373.54 ~~373.87'~~	2.68% ~~2.38%~~	91.50 ~~93.47~~ LF	8"	PVC
MH 79 - MH 80	356.00'	355.78'	0.50%	44.15 LF	8"	Ductile Iron
MH 80 - MH 67	355.58'	355.07'	0.50%	102.17 LF	8"	PVC
MH 81 - MH 65	377.76'	375.87'	0.99%	190.90 LF	8"	DIP
MH 85 - MH 62	372.62'	371.06'	0.50%	311.47 LF	8"	Ductile Iron
MH 86 - MH 66	364.97'	363.65'	0.50%	264.72 LF	8"	SDR-26
MH 87 - MH 11	382.08 ~~382.01'~~	380.35 ~~380.48'~~	0.56% ~~0.50%~~	306.36 ~~305.65~~ LF	8"	SDR-26
MH 88 - MH 20	361.46 ~~362.85'~~	359.71 ~~360.15'~~	0.65% ~~1.00%~~	267.98 ~~269.48~~ LF	8"	PVC
MH 89 - MH 90	382.08'	380.48'	1.26%	126.31 LF	8"	Ductile Iron
MH 90 - MH 91	380.28'	378.09'	1.79%	121.88 LF	8"	PVC
MH 91 - MH 92	377.89'	377.62'	0.50%	55.91 LF	8"	Ductile Iron
MH 92 - MH 93	375.30'	374.63'	1.00%	66.91 LF	8"	Ductile Iron
MH 93 - MH 62	370.54'	369.20'	0.50%	267.33 LF	8"	PVC
MH 94 - MH 69	345.14 ~~345.10'~~	344.08 ~~344.23'~~	0.63% ~~0.50%~~	169.16 ~~173.63~~ LF	12"	Ductile Iron
MH 97 - MH 18	368.05 ~~368.10'~~	366.98 ~~366.83'~~	1.27% ~~1.50%~~	84.90 ~~84.91~~ LF	8"	PVC
MH 98 - MH 88	365.21 ~~365.30'~~	363.27 ~~365.20'~~	9.13% ~~0.50%~~	21.25 ~~20.06~~ LF	8"	PVC
MH 100 - MH 85	381.60'	375.00'	1.61%	409.31 LF	8"	PVC
MH 101 - MH 102	377.00'	375.20'	1.21%	149.00 LF	8"	Ductile Iron
MH 102 - MH 85	373.77'	372.99'	0.50%	155.15 LF	8"	PVC
MH 107 - MH 100	383.00'	382.00'	0.64%	155.19 LF	8"	PVC
MH 114 - MH 30B	339.90 ~~339.89'~~	333.80 ~~331.70'~~	7.10% ~~0.50%~~	85.88 ~~86.20~~ LF	12"	SDR-26
~~MH 2081~~	~~337.08'~~	~~336.04'~~	~~0.50%~~	~~208.71 LF~~	~~8"~~	~~PVC~~
MH 2082 - MH 2081	338.12 ~~338.04'~~	337.44 ~~337.28'~~	0.76% ~~0.83%~~	89.22 LF ~~91.30~~ LF	8"	PVC
MH 2081 - MH 208	337.31 ~~337.08~~	336.32 ~~336.04~~	2.47% ~~0.50%~~	205.51 LF ~~208.71~~ LF	8"	PVC

ROSEVILLE CROSSING AS-BUILT INFO

PIPE MATERIAL DEPTH

MATERIAL	DEPTH
DIP (CLASS 1 BEDDING)	MIN. 3'-5' w/IN TRAFFIC AREA
PVC - SDR 26	>5' w/IN TRAFFIC AREA
PVC - SDR 35	36" - 54"
PVC - SDR 26	12' - 20' NON-TRAFFIC AREA
DIP	>20' w/DIRECTOR APPROVAL

DIP AND APPROPRIATE PVC PIPE CAN BE INTERCHANGEABLE AS LONG AS CRITERIA LISTED ABOVE ARE MET.

MANHOLE SIZE REQUIREMENTS

MANHOLE DIAMETER	SEWER MAIN SIZE	DEPTH OF INSTALLATION
4'	8"- 12"	0' - 12'
5'	15"- 30"	12' - 20'
6'	36" - 54"	>20'

Signed by: Jonathan Smitek
2B53976A98B04FA...

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 050771 JONATHAN SCOTT SMITEK
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

SANITARY SEWER SCHEDULE - AB

JOB NO. 43398
SHEET NO. ASB5.5

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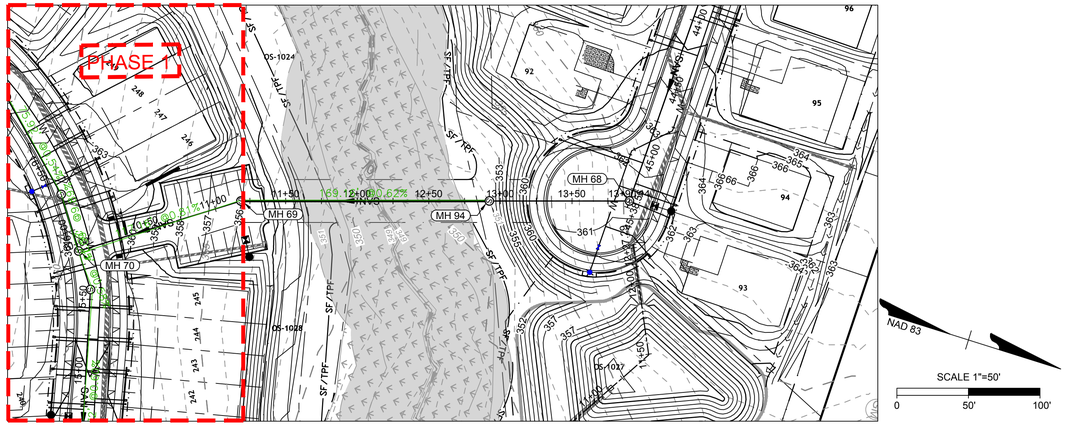
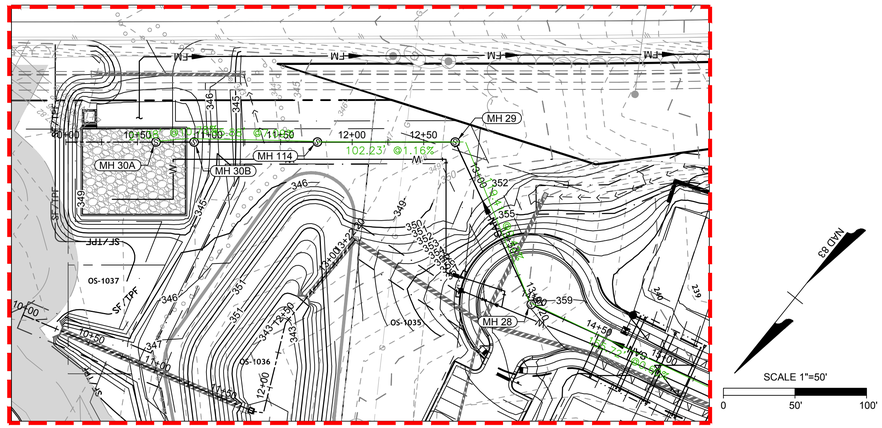
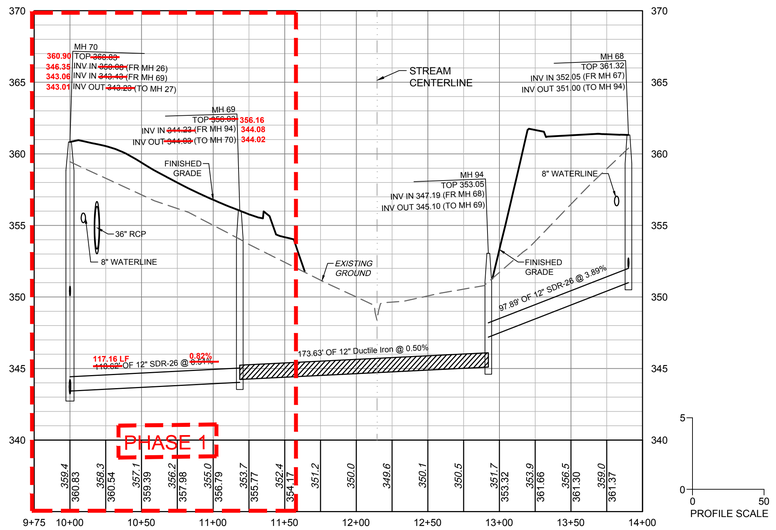
ROSEVILLE CROSSING AS-BUILT INFO



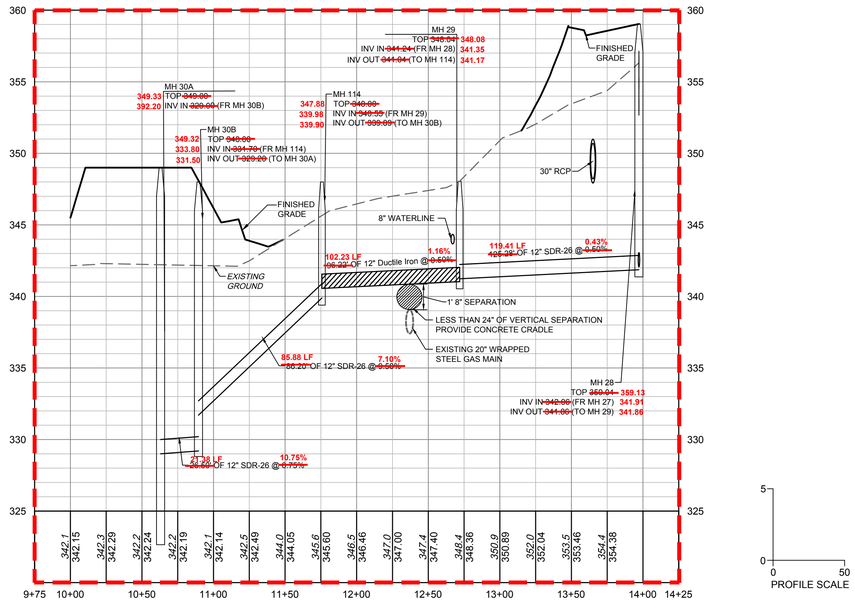
STREAM CROSSING PLAN VIEW
STA 10+00 - 13+92.48



SEWER OUTFALL PLAN VIEW
STA 10+00 - 13+34.20



STREAM CROSSING AND OUTFALL PROFILE VIEW
STA 10+00 - 15+75



SEWER OUTFALL PROFILE VIEW
STA 10+00 - 13+34.20

Signed by: Jonathan Smith 2B53D7A4A1E74F8...
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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROSEVILLE CROSSING PHASE 1 ASBUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

SANITARY SEWER OUTFALL PLAN & PROFILE - AB

JOB NO.
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SHEET NO.
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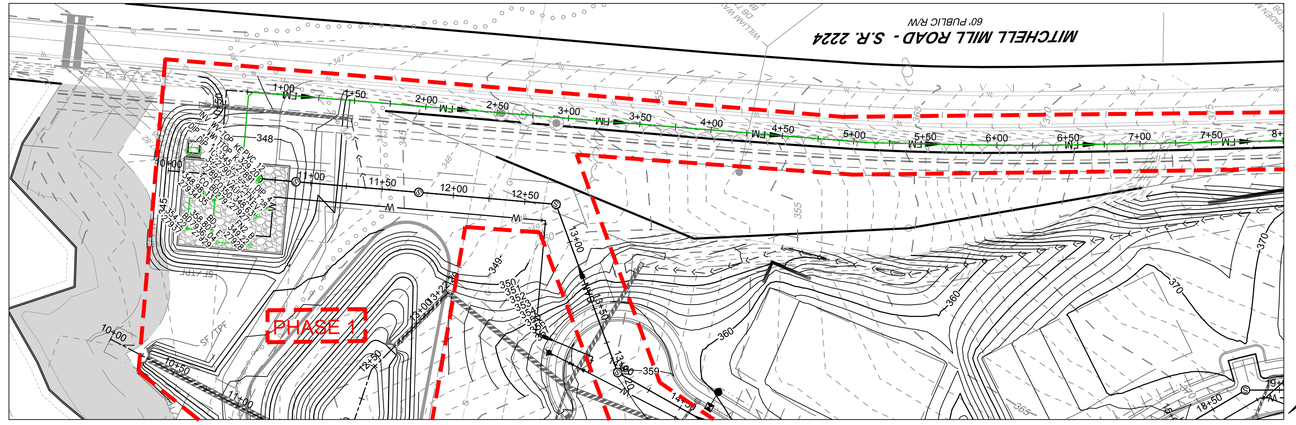
ROSEVILLE CROSSING AS-BUILT INFO



MITCHELL MILL PUBLIC FORCE MAIN PLAN VIEW
STA 0+00 - 8+00

SCALE 1"=50'
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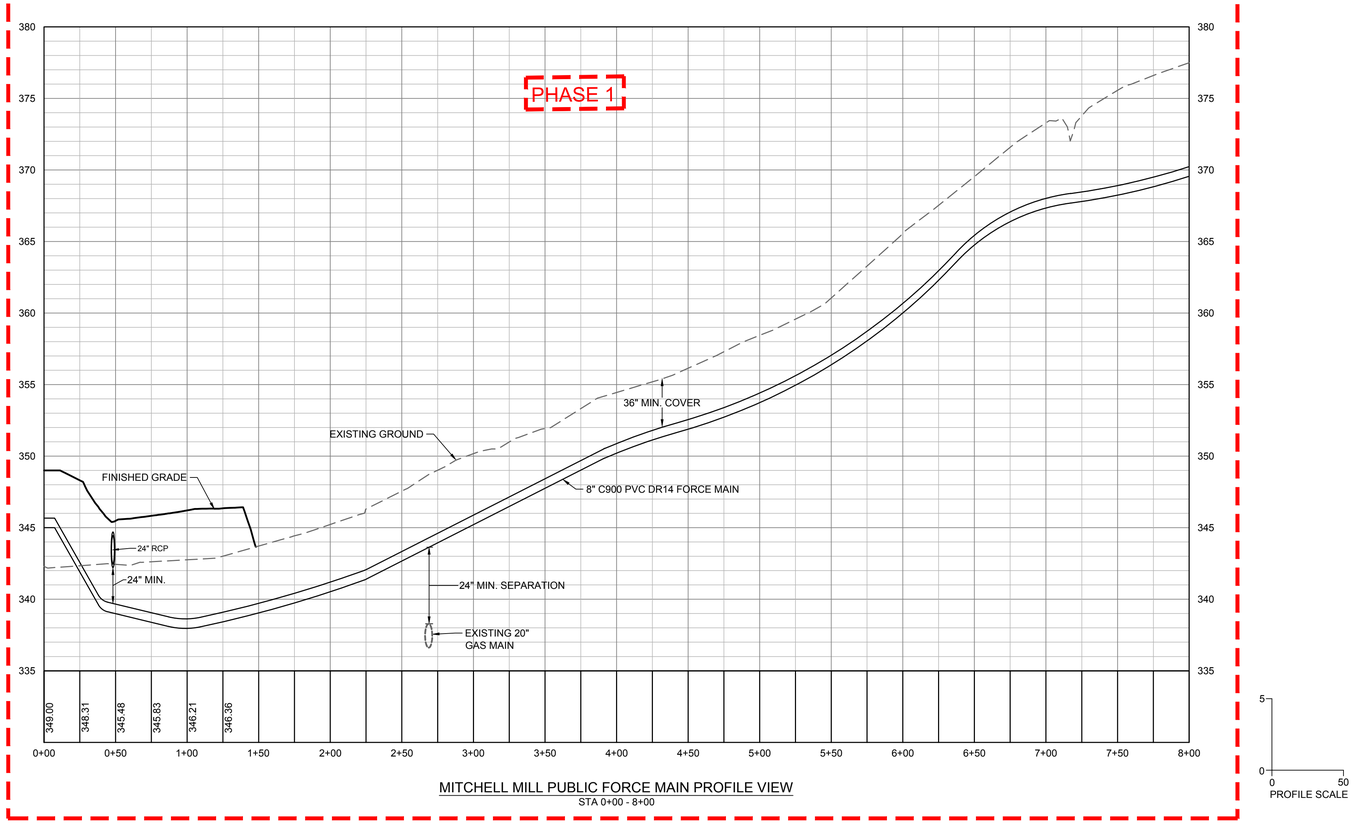

MITCHELL MILL PUBLIC FORCE MAIN PROFILE VIEW
STA 0+00 - 8+00

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PROFILE SCALE

Signed by: Jonathan Smitter 2B53D1A4A1E4E4...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

MITCHELL MILL FORCE MAIN PLAN AND PROFILE - AB

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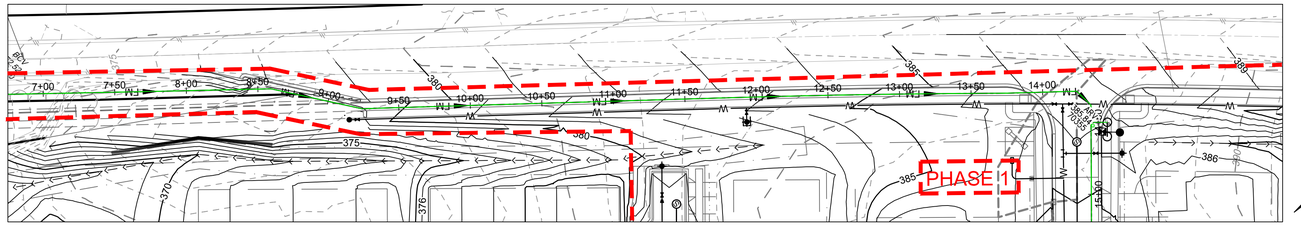
ROSEVILLE CROSSING AS-BUILT INFO



MITCHELL MILL PUBLIC FORCE MAIN PLAN VIEW
STA 0+00 - 8+00

SCALE 1"=50'
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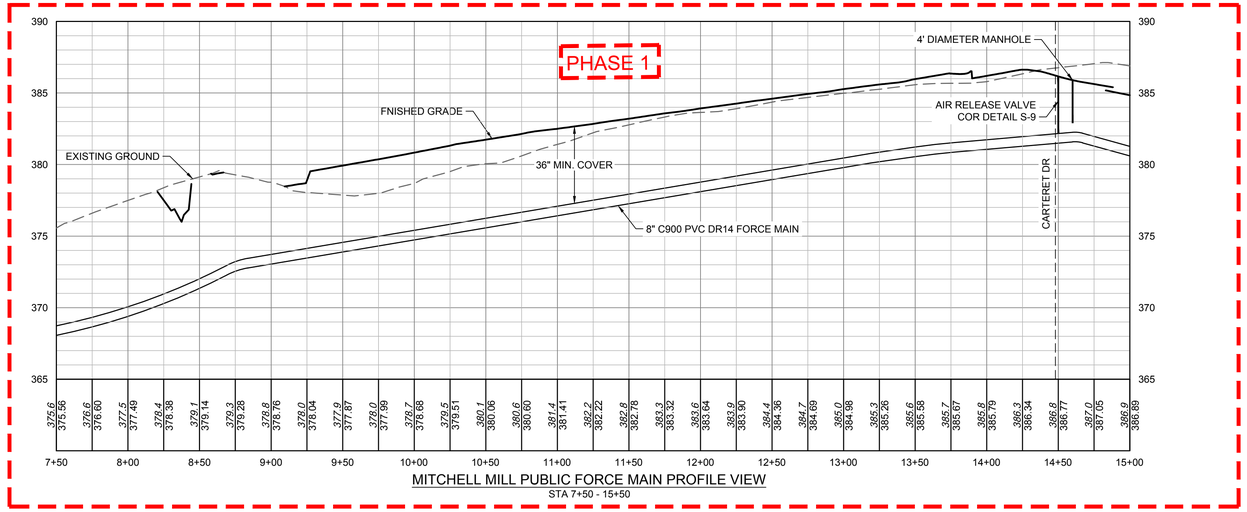

MITCHELL MILL PUBLIC FORCE MAIN PROFILE VIEW
STA 7+50 - 15+50

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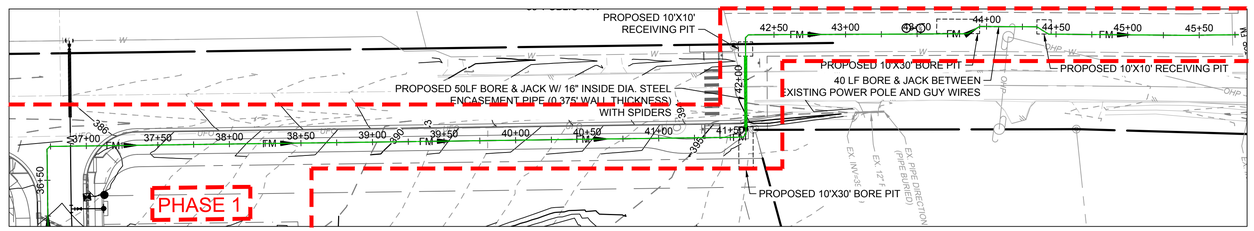
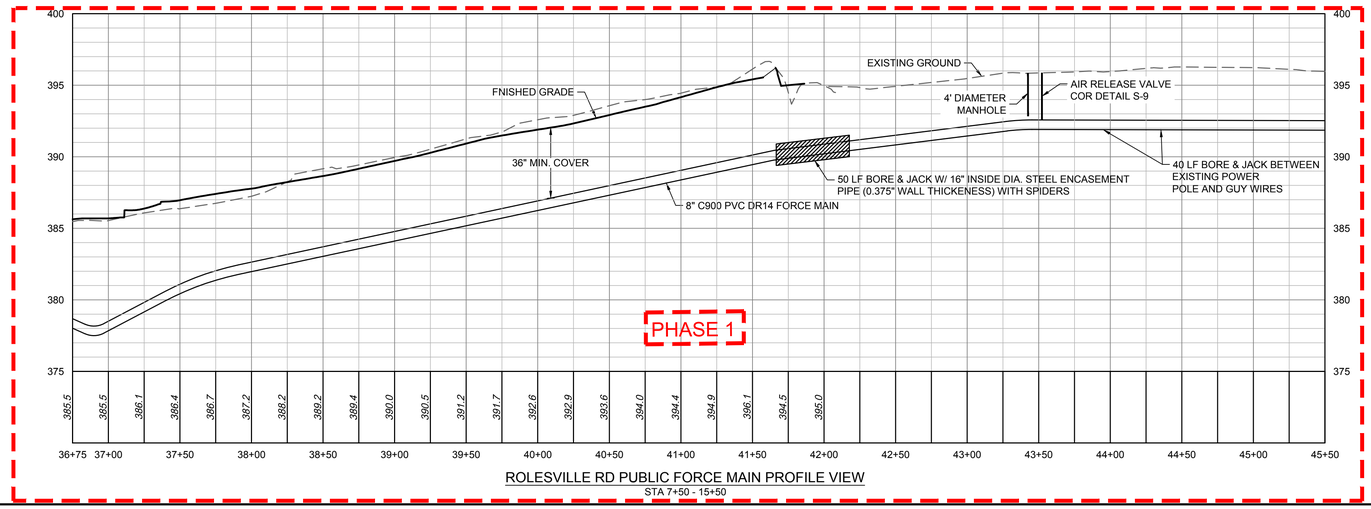
PROFILE SCALE



ROLESVILLE RD PUBLIC FORCE MAIN PLAN VIEW
STA 0+00 - 8+00



ROLESVILLE RD PUBLIC FORCE MAIN PROFILE VIEW
STA 7+50 - 15+50

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-13-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021
DRAWN BY R. WINGATE
DESIGNED BY P. BARBEAU
CHECKED BY P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

MITCHELL MILL AND ROLESVILLE FORCE MAIN PLAN AND PROFILE - AB

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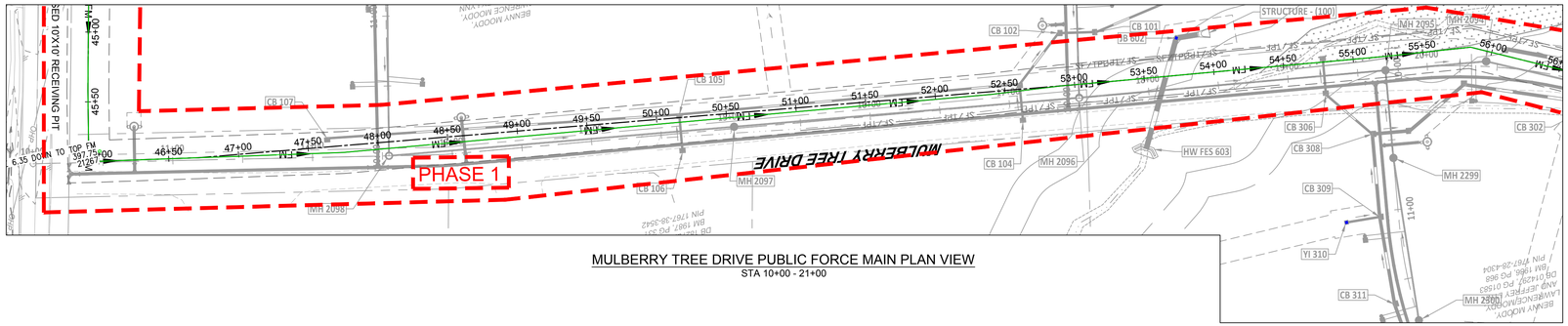

MULBERRY TREE DRIVE PUBLIC FORCE MAIN PLAN VIEW
STA 10+00 - 21+00

NAD 83

SCALE 1"=50'
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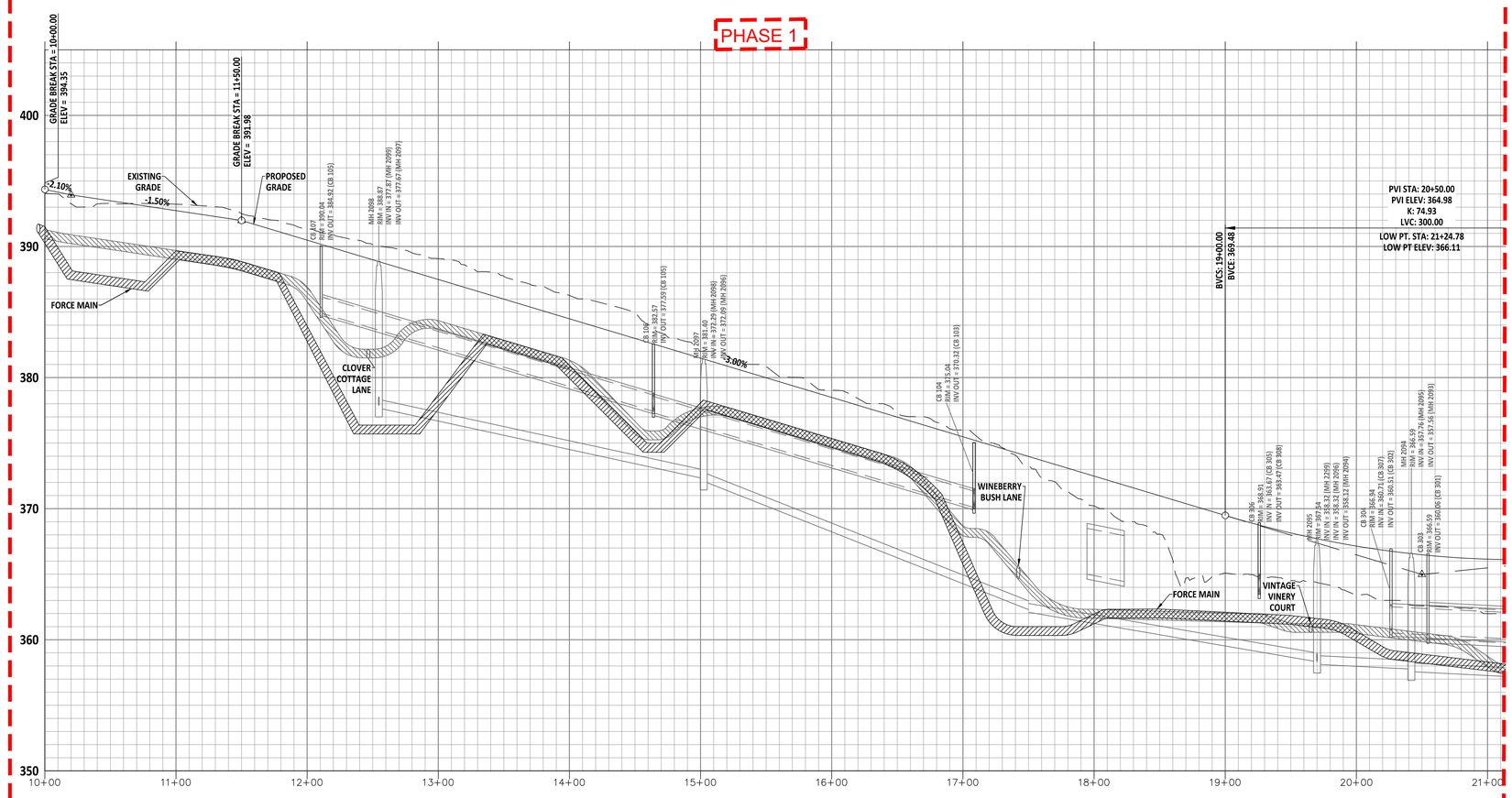

MULBERRY TREE DRIVE PUBLIC FORCE MAIN PROFILE VIEW
STA 10+00 - 21+00

5
0
0 50
PROFILE SCALE

ROSEVILLE CROSSING AS-BUILT INFO

Signed by: Jonathan Scott Smitter
2B53D[illegible]
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	04-17-2025
REVISED ROLESVILLE ROAD STRIPING	

DATE
09/17/2021
DRAWN BY
R. WINGATE
DESIGNED BY
P. BARBEAU
CHECKED BY
P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 ASBUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

MULBERRY TREE DRIVE FORCE MAIN PLAN AND PROFILE - AB

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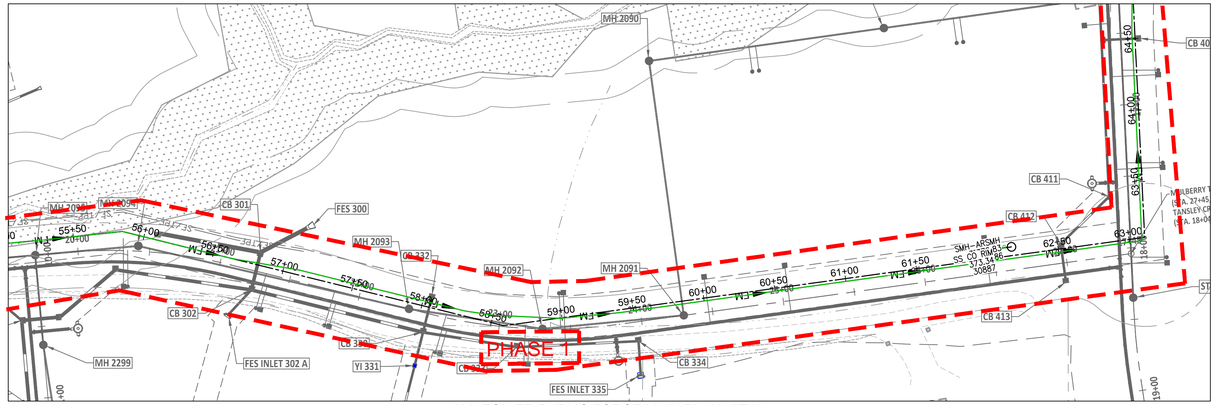
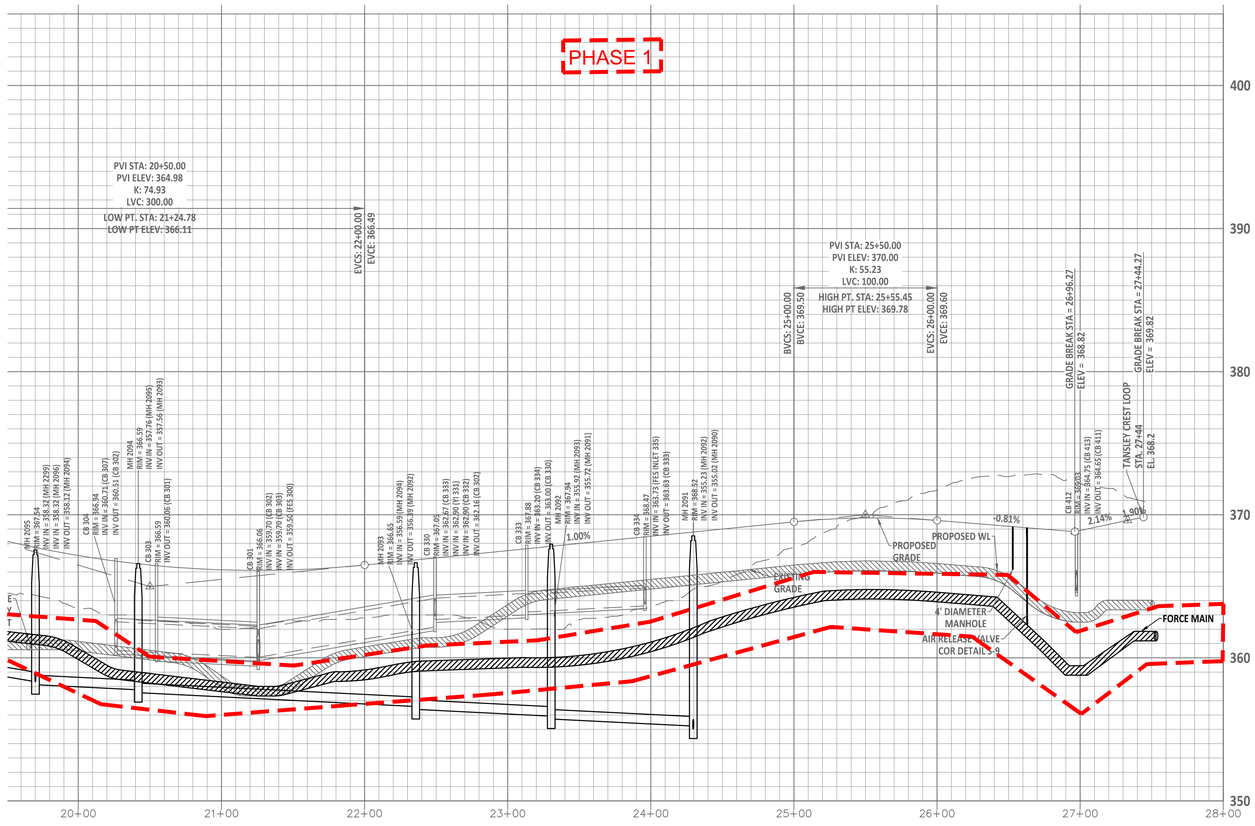


AMAZON TR PUBLIC FORCE MAIN PLAN VIEW
STA 19+50 - 28+00



AMAZON TR PUBLIC FORCE MAIN PROFILE VIEW
STA 19+50 - 28+00

ROSEVILLE CROSSING AS-BUILT INFO

Signed by:
Jonathan Smitter
2B53(illegible)

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

12/17/2025

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	10-24-2023
REVISED ROLESVILLE ROAD STRIPING	04-17-2025

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
MULBERRY TREE DRIVE FORCE MAIN PLAN AND PROFILE - AB

JOB NO.
43398

SHEET NO.
ASB5.10

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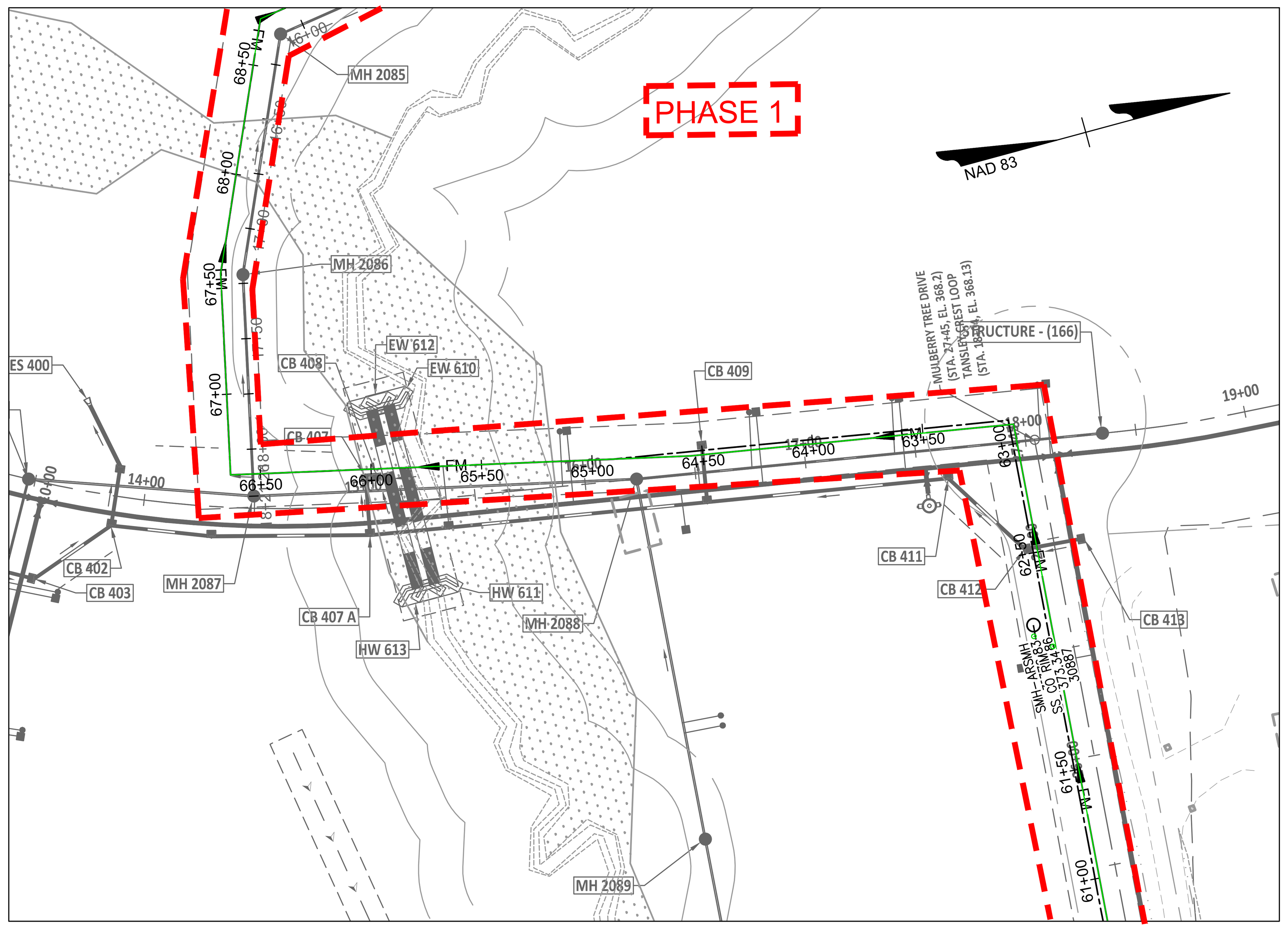
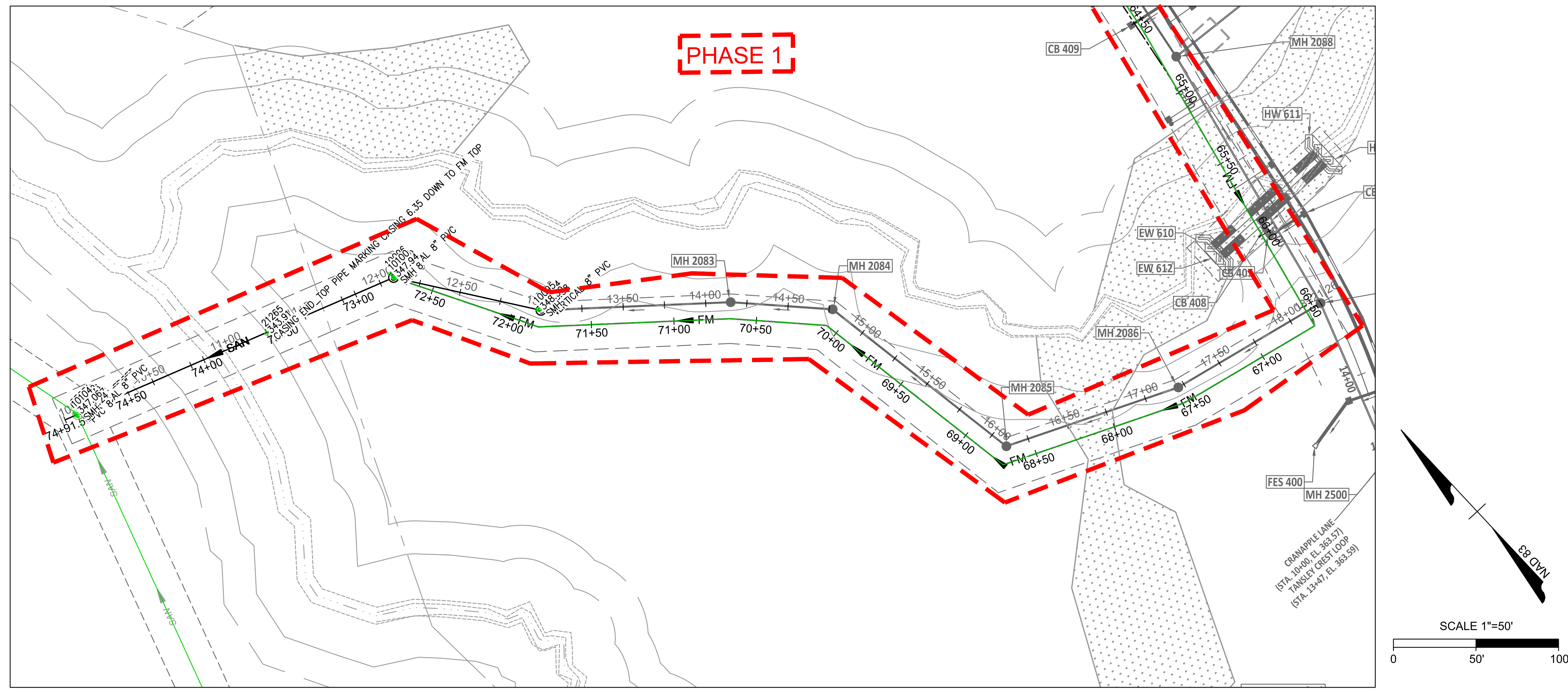


TANSLEY CREST LOOP PUBLIC FORCE MAIN PLAN VIEW 1
STA 14+00 - 18+00



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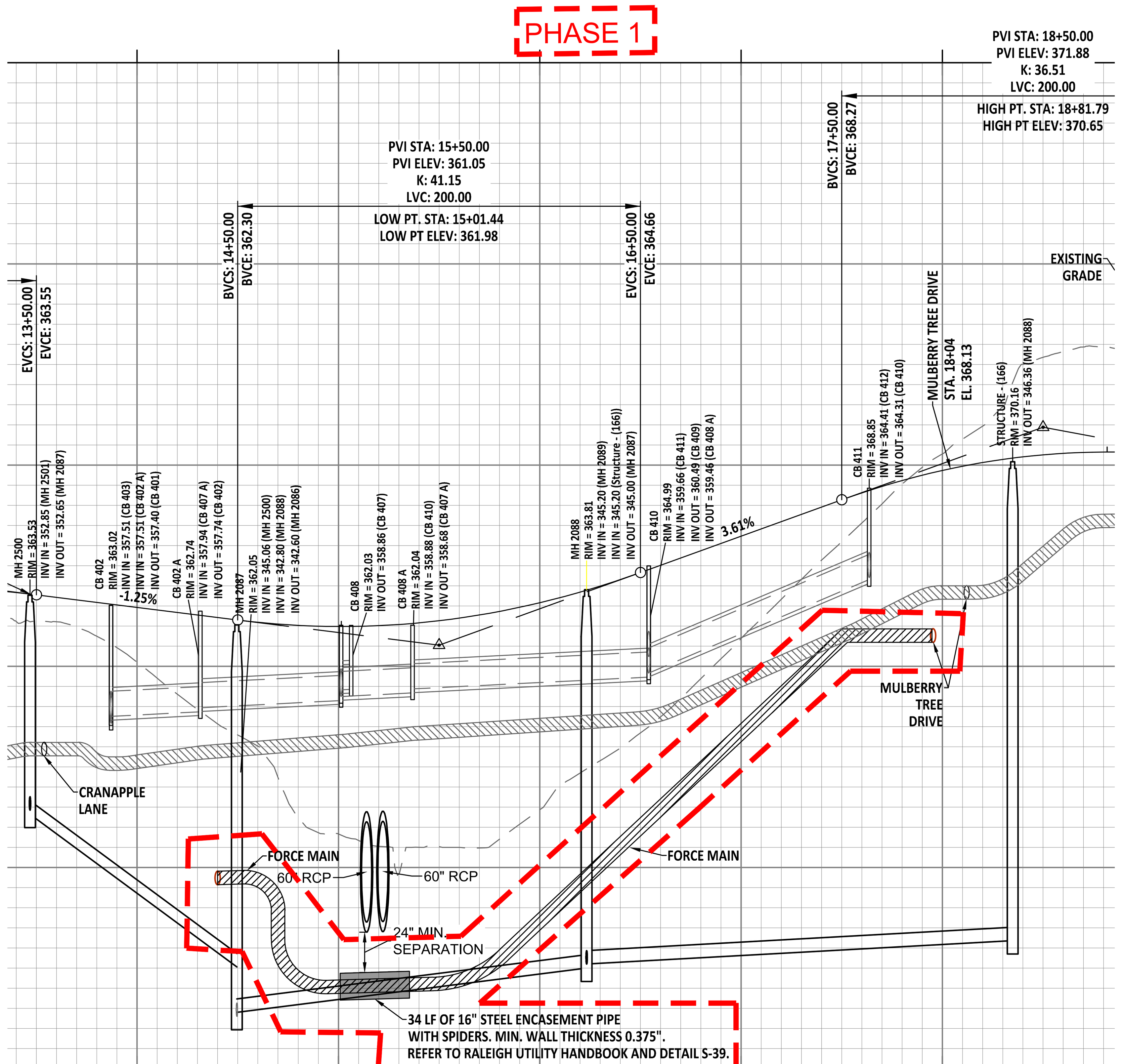
STA 10+00 - 18+25



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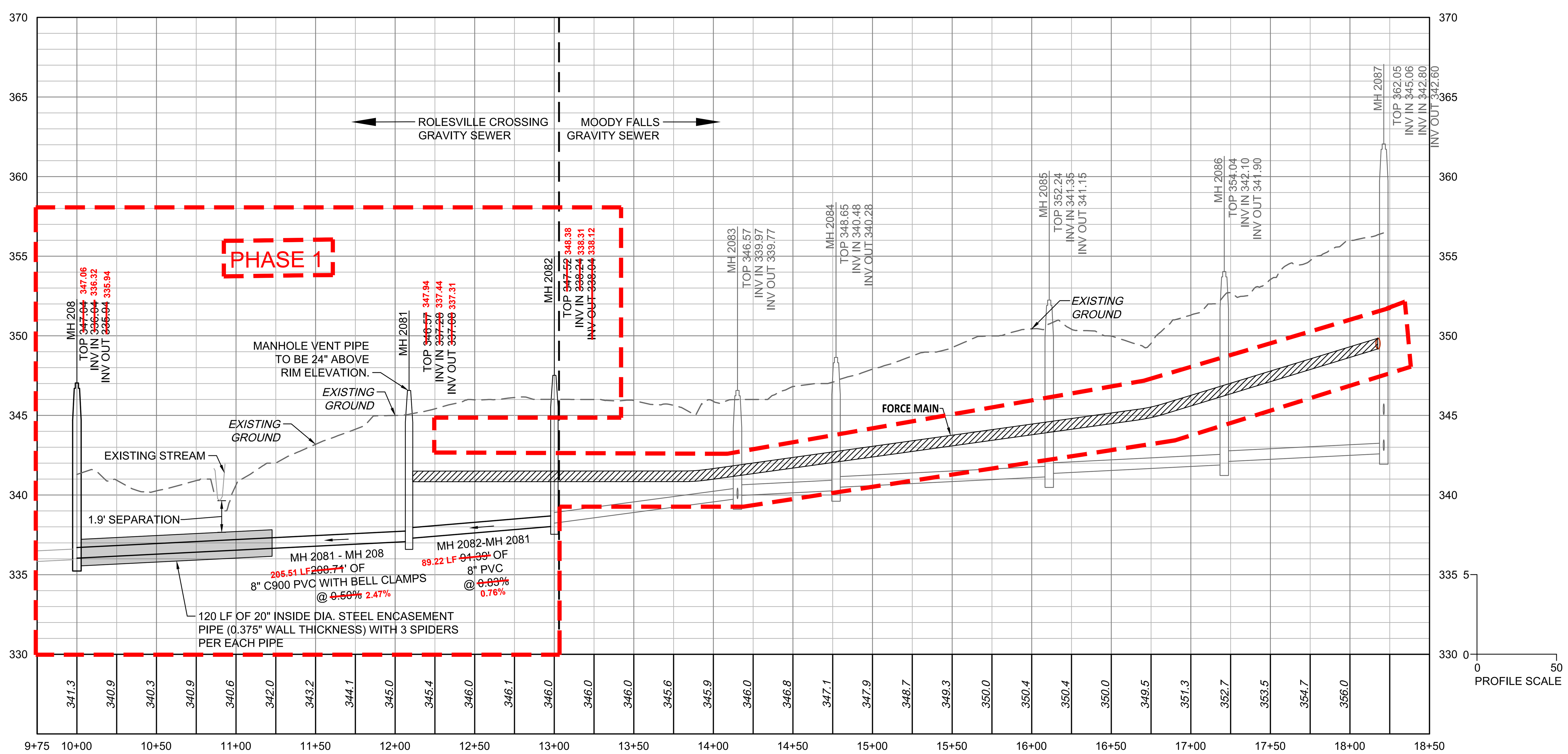
STA 14+00 - 18+00



TANSLEY CREST LOOP PUBLIC FORCE MAIN PROFILE VIEW 2
STA 10+00 - 18+25

ROSEVILLE CROSSING AS-BUILT INFO

Signed by: Jonathan Smitek 2B53976A98B04FA...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITEK

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE 09/17/2021

DRAWN BY R. WINGATE

DESIGNED BY P. BARBEAU

CHECKED BY P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

TANSLEY CREST LOOP FORCE MAIN PLAN AND PROFILE - AB

JOB NO. 43398

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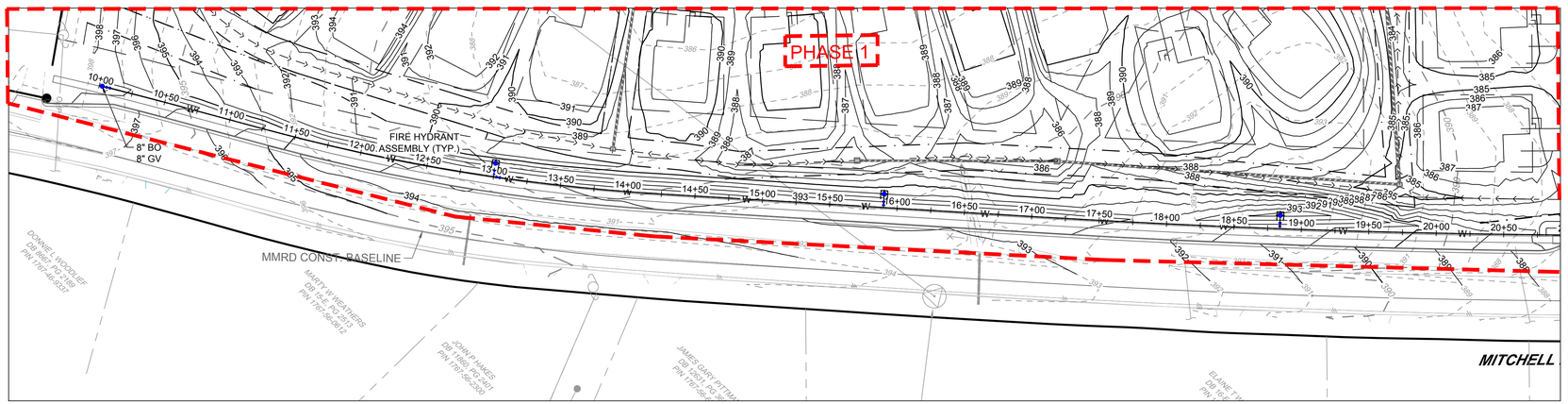
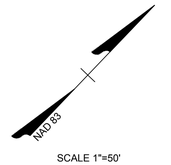
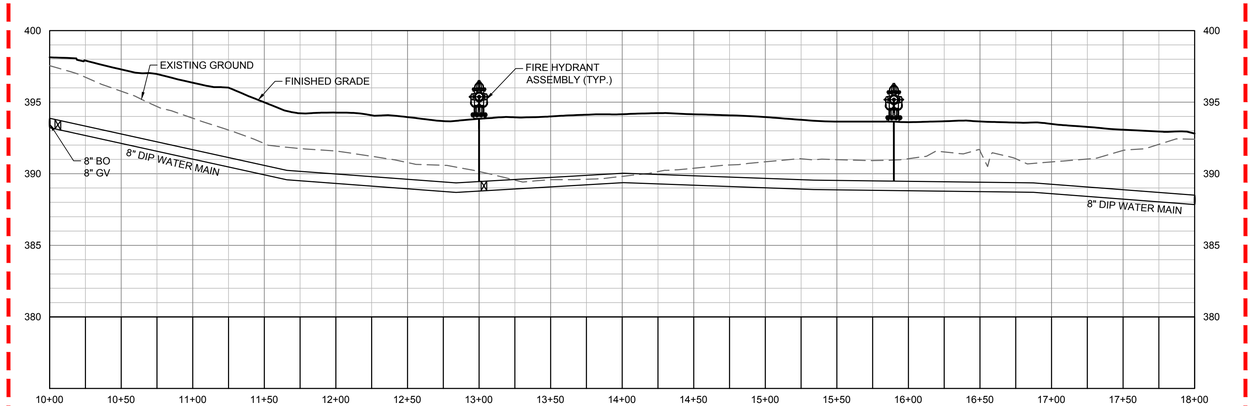


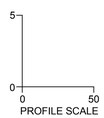
MITCHELL MILL PUBLIC WATER MAIN PLAN VIEW
STA 10+00 - 18+00





PHASE 1

MITCHELL MILL PUBLIC WATER MAIN PROFILE VIEW
STA 10+00 - 18+00



Signed by: Jonathan Smitter 2B53D7A0A1B74E5...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
10-17-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

MITCHELL MILL WATER MAIN PLAN AND PROFILE - AB

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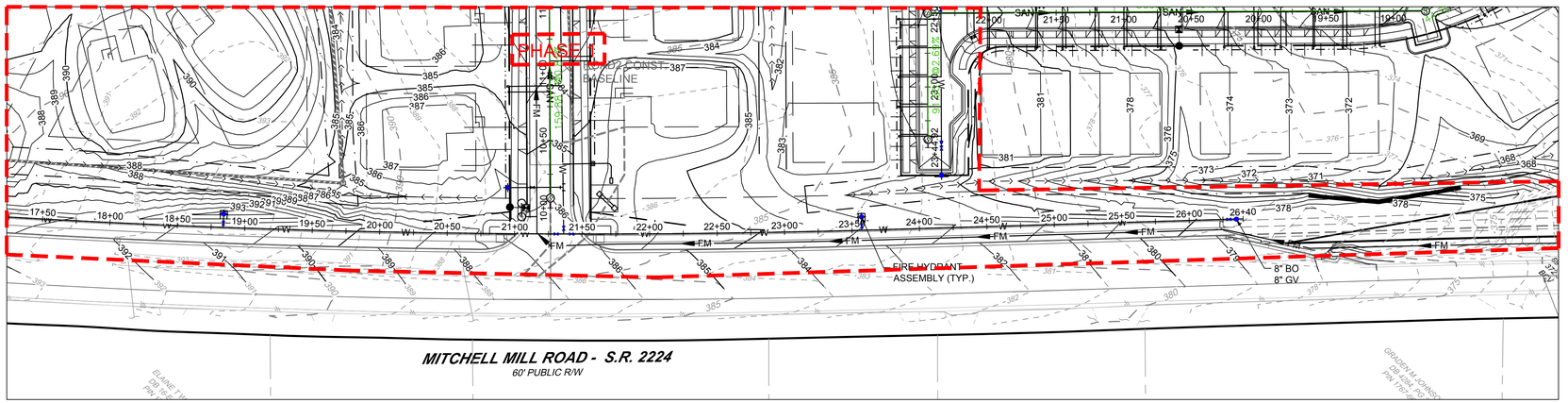
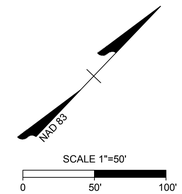
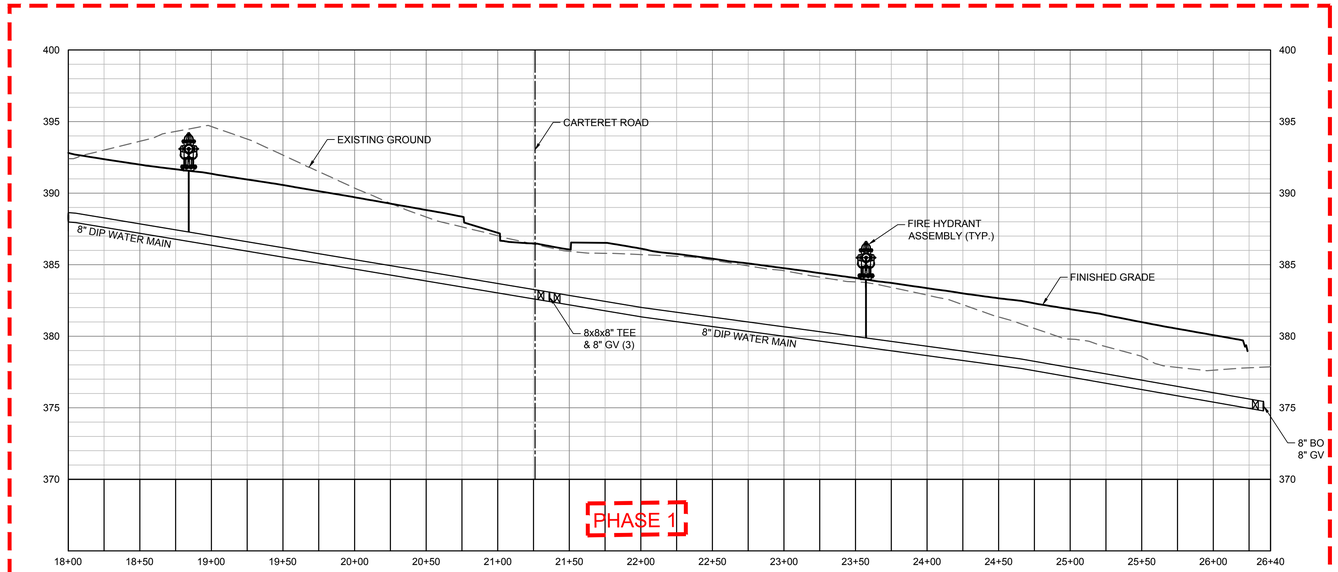


MITCHELL MILL PUBLIC WATER MAIN PLAN VIEW
STA 18+00 - 26+40

ROSEVILLE CROSSING AS-BUILT INFO



SCALE 1"=50'
0 50' 100'



MITCHELL MILL PUBLIC WATER MAIN PROFILE VIEW
STA 18+00 - 26+40

5
0
0 50
PROFILE SCALE

Signed by: Jonathan Smitter 2B53D7A4A3E3484...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
08-31-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 ASBUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

MITCHELL MILL WATER MAIN PLAN AND PROFILE - AB

JOB NO.
43398

SHEET NO.
ASB5.13

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WHEELER TRACT
OFFSITE IMPROVEMENTS
TOWN OF ROLESVILLE
WAKE COUNTY, NORTH CAROLINA

ROSEVILLE CROSSING AS-BUILT INFO

DATE: 07/21/22

RECORD LEGEND

~~00.00~~	DESIGN INFORMATION
00.00	RECORD INFORMATION

RECORD DRAWING

THIS PLAN DEPICTS THE ORIGINAL DESIGN REVISED TO INCLUDE ALL CONSTRUCTION PHASE REVISIONS AND AS-BUILT INFORMATION PROVIDED.

RECORD DRAWING SURVEY INFORMATION PROVIDED TO TIMMONS GROUP BY BALLENTINE ACCOSIATES, PA, DATED 12/15/2025.

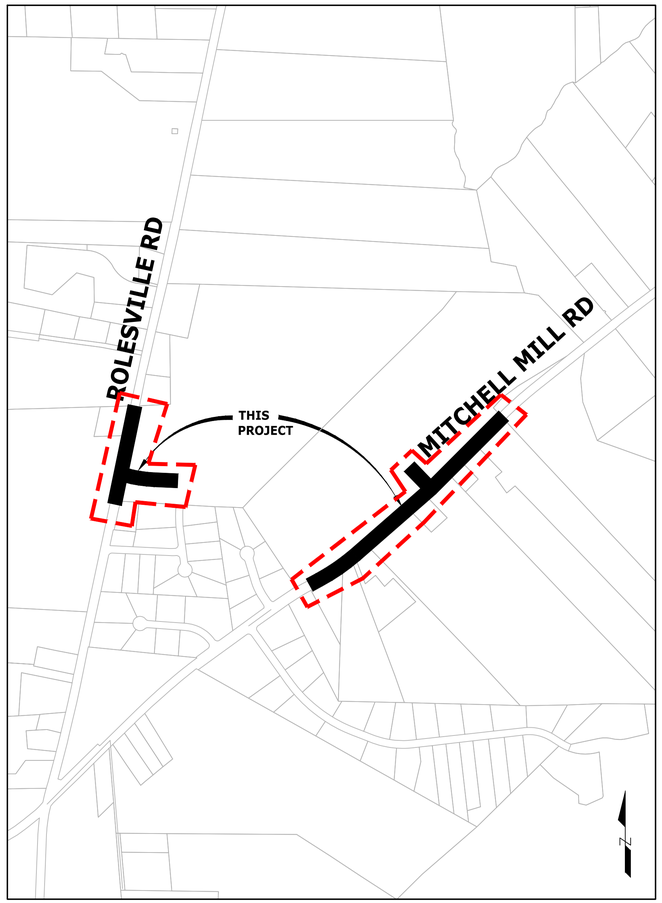
AS-BUILT LEGEND

- WATER VALVE
- WATER SERVICE
- FIRE HYDRANT
- WATER MARKER BALL
- SEWER MARKER BALL
- FORCEMAIN MARKER BALL
- SANITARY SERVICE CLEANOUT
- SANITARY SEWER MANHOLE
- SANITARY SEWER- ARV
- BLOWOFF VALVE ASSEMBLY
- AS BUILT IMPROVEMENTS

*STRUCTURE SYMBOLS ARE NOT TO SCALE AND MAY APPEAR LARGER ON SOME SHEETS.

Sheet List Table

Sheet Number	Sheet Title
ASBR1.00	OFFSITE IMPROVEMENTS COVER - AB
ASBR3.02	OFFSITE GRADING AND PROFILE - AB
ASBR4.02	OFFSITE GRADING AND PROFILE - AB
ASBR5.02	OFFSITE GRADING AND PROFILE - AB



OVERALL VICINITY MAP
SCALE: 1" = 500'

811 Know what's below. Call before you dig.

ALL CONSTRUCTION SHALL CONFORM WITH THE LATEST VERSION OF NCDOT STANDARDS AND SPECIFICATIONS.

SURVEY NOTES:

1. HORIZONTAL CONTROL (BASIS OF THE BEARINGS) IS BASED ON NC STATE GRID, NAD'83 (2011); VERTICAL CONTROL IS BASED ON NAVD'88, AS ESTABLISHED BY GPS. ALL DISTANCES SHOWN HERON ARE GROUND DISTANCES.
2. CONTOUR INTERVALS ARE 1'.
3. THE LOCATION OF SUB SURFACE UTILITIES AS SHOWN HEREON, IF ANY, ARE BASED ON FIELD LOCATION OF SURFACE FEATURES AND MARKINGS PROVIDED BY NC 811 AND ARE APPROXIMATE. OTHER SUB SURFACE UTILITIES MAY EXIST ON THIS SITE THAT ARE NOT INCLUDED IN THIS SURVEY.
4. THIS MAP CONSTITUTES NEITHER A SUBDIVISION NOR A RECOMBINATION PLAT OF THE PARCELS OF LAND SHOWN HEREON. THIS MAP HAS NOT BEEN PREPARED IN ACCORDANCE WITH NC G.S. 47-30 AND IS NOT SUITABLE FOR RECORDING.
5. THERE ARE NO RECOVERABLE NGS MONUMENTS WITHIN 2000' OF THIS PROPERTY.

EXISTING CONDTIONS NOTES:

1. OTHER SOURCES OF INFORMATION INCLUDE TOWN GIS AND AERIAL IMAGERY.
2. THE UTILITIES ON THESE PLANS ARE APPROXIMATE ONLY, AND ARE NOT ACCURATE FOR CONSTRUCTION PURPOSES. FOR FIELD MARKS CALL 811.

DEMOLITION NOTES:

1. ALL UTILITIES OR STRUCTURES NOT INDICATED FOR REMOVAL OR MODIFICATION ARE TO REMAIN AND BE PROTECTED FROM DAMAGE.
2. ALL WASTE MATERIAL GENERATED FROM CLEARING AND DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
3. REMOVE TOPSOIL AND STOCKPILE APPROPRIATELY ON-SITE. ON-SITE TEMPORARY STOCKPILES SHALL BE LOCATED WITHIN CONSTRUCTION LIMITS.
4. ALL PAVEMENT OR CONCRETE TO BE REMOVED SHALL BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM JOINT WITH NEW CONSTRUCTION. ANY EXISTING PAVEMENT, SIDEWALK, CURB & GUTTER, ETC. THAT MUST BE REMOVED TO ALLOW NEW CONSTRUCTION SHALL BE REMOVED AND REPAIRED PER THE SPECIFICATIONS AND DETAILS OR TO MATCH EXISTING CONDITIONS (WHETHER OR NOT SHOWN ON THE DRAWINGS TO BE REMOVED). UTILITY INSTALLATIONS MAY UTILIZE OPEN CUT OF PAVEMENTS UNLESS INDICATED OTHERWISE. TRENCH IN EXISTING ASPHALT SHALL BE PATCHED PER PAVEMENT REPAIR DETAIL.
5. PROTECT ALL ADJACENT PROPERTIES, THE GENERAL PUBLIC AND ALL OF THE OWNER'S FACILITIES. SHOULD DAMAGE OCCUR, NOTIFY ENGINEER IMMEDIATELY.
6. THE CONTRACTOR SHALL USE NC ONE CALL (811) TO LOCATE ALL UNDERGROUND UTILITIES.
7. VERIFY ALL ILLUSTRATED KNOWN UNDERGROUND ELEMENTS. EXERCISE REASONABLE EFFORTS TO PROTECT ANY UNKNOWN UNDERGROUND ELEMENTS. NOTIFY THE ENGINEER IMMEDIATELY IF UNKNOWN ELEMENTS ARE DISCOVERED THAT WOULD NECESSITATE MODIFICATION TO THE PROPOSED DESIGN.
8. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND OSHA REGULATIONS.
9. EXISTING MANHOLES, VALVE BOXES, VAULTS, CLEANOUTS, UTILITY POLES ETC. TO REMAIN WITHIN THE GRADING LIMITS SHALL BE ADJUSTED AS NEEDED TO FUNCTION PROPERLY WITH THE PROPOSED FINISHED GRADES (WHETHER OR NOT INDICATED TO BE MODIFIED).
10. GENERAL CONTRACTOR TO COORDINATE ALL PEDESTRIAN ACCESS PATHS, LOCATIONS, LIGHTING ETC. WITH THE OWNER.
11. CONTRACTOR TO COORDINATE ALL WORK AS NEEDED WITH UTILITY COMPANIES, MUNICIPALITY, AND INSPECTORS.
12. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK AS NEEDED WITH UTILITY COMPANIES AND MUNICIPALITIES. ALL WORK SHALL BE IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
13. CONTRACTOR TO CONFIRM LOCATION OF ALL ONSITE UTILITY SERVICES AND COORDINATE REMOVAL AS NEEDED.

GRADING AND STORM DRAINAGE NOTES:

1. CONTRACTOR SHALL CALL "NORTH CAROLINA ONE CALL" (1-800-632-4949) AT LEAST 48 HOURS PRIOR TO DIGGING TO HAVE EXISTING UTILITIES LOCATED. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. CONTRACTOR TO COORDINATE ACTIVITIES WITH UTILITY COMPANIES INVOLVED IN ANY RELATED RELOCATION (I.E. POWER POLES, TELEPHONE PEDESTALS, WATER METERS, ETC.).
3. EXISTING UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND THE BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY CONDITIONS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. ALL EXISTING VAULTS, MANHOLES, STORM DRAIN STRUCTURES, VALVE BOXES, CLEANOUTS, ETC. SHALL BE ADJUSTED AS NEEDED TO MATCH FINISHED GRADE.
5. ALL BACKFILL, COMPACTION, SOILS TESTING, ETC. SHALL BE PERFORMED BY THE CONTRACTOR'S INDEPENDENT TESTING LABORATORY.
6. A PRE-CONSTRUCTION MEETING MUST BE SCHEDULED PRIOR TO ANY WORK, GRADING OR INSTALLATION OF EROSION CONTROL MEASURES.
7. IF CONTRACTOR NOTICES ANY DISCREPANCIES IN ANY OF THESE SLOPE REQUIREMENTS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE ENGINEER PRIOR TO POURING ANY ASPHALT SO THAT A SOLUTION CAN BE FOUND.
8. SPOT ELEVATIONS ARE GIVEN AT THE MAJORITY OF THE MAJOR BREAK POINTS BUT IT SHOULD NOT BE ASSUMED THAT ALL NECESSARY SPOT ELEVATIONS ARE SHOWN. DUE TO SPACE LIMITATIONS, THERE MAY BE OTHER CRITICAL SPOTS NOT LABELED THAT SHOULD BE TAKEN INTO CONSIDERATION. THE CONTRACTOR SHALL REVIEW THE GRADING PLAN IN DETAIL AND SHALL ENSURE THAT ALL CRITICAL GRADE POINTS ARE STAKED AND FOLLOWED TO PROVIDE POSITIVE DRAINAGE.
9. EXISTING VEGETATION WITHIN TREE PROTECTIVE AREAS SHALL REMAIN UNDISTURBED UNLESS NOTED OTHERWISE. ANY AND ALL LANDSCAPING AND EXISTING TREES & SHRUBS TO REMAIN WHICH ARE DAMAGED DURING DEMOLITION OR CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR USING A LICENSED LANDSCAPE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
10. THE GRADING CONTRACTOR SHALL COMPLY WITH ALL STATE CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF-SITE. THE GRADING CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR OR THE ENGINEER.
11. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL CLEARING AND GRADING WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.

DESIGN DATA

Rolesville Road (SR-1003)	Mitchell Mill Road (SR-2224)
ADT 2019 = 4,300	ADT 2019 = 1,900
Vd = 50 mph	Vd = 50 mph
F.C. = Minor Arterial	F.C. = Major Collector

NOTE: SEE TRAFFIC STUDY FOR FUTURE VOLUMES

Signed by: Jonathan Smith 2B53D7A4A1E24F8...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
04-24-2025	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPPING

DATE: 07/21/22
DRAWN BY: BPW
DESIGNED BY: BPW
CHECKED BY: BPW
SCALE: ----

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY, NORTH CAROLINA
OFFSITE IMPROVEMENTS COVER - AB

JOB NO. 43398
SHEET NO. ASBR1.00

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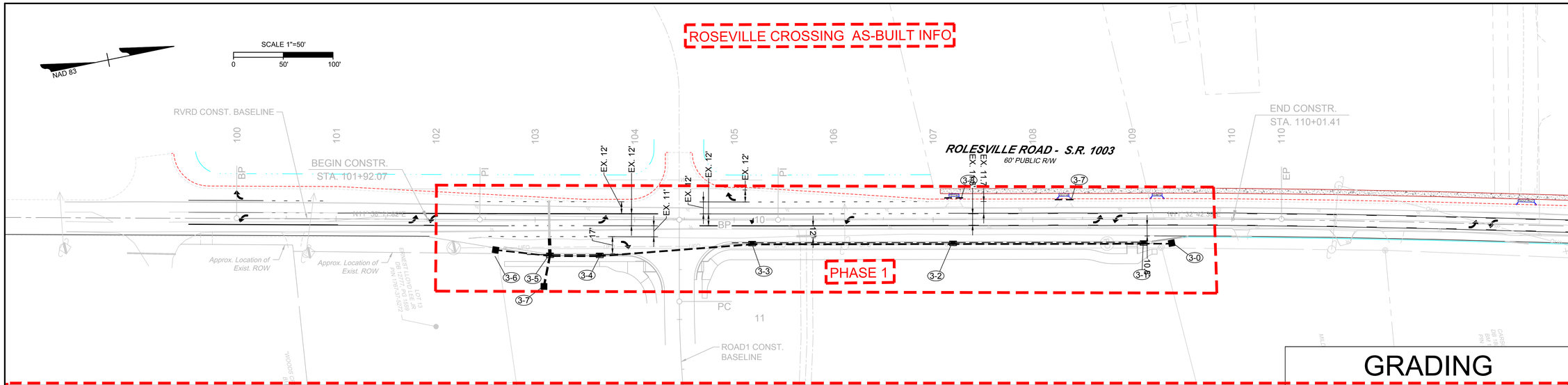
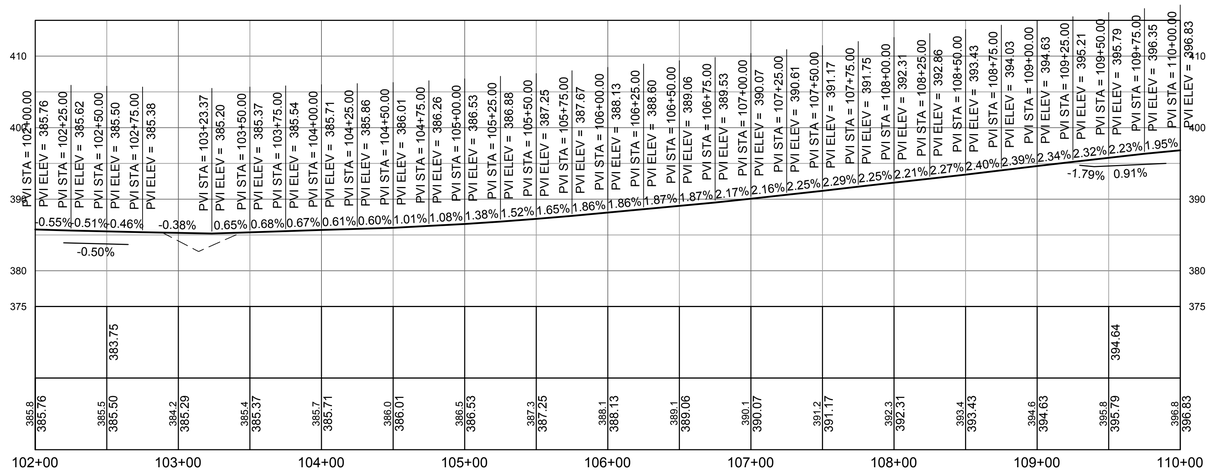
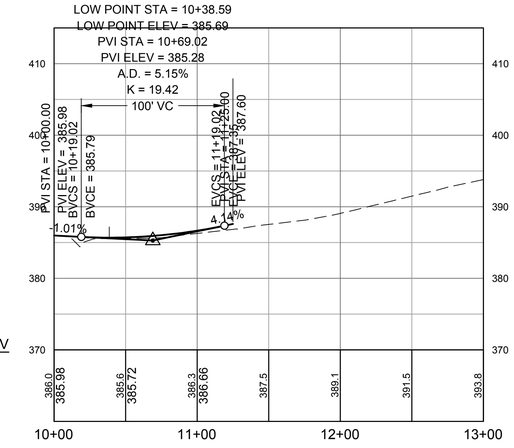


PROFILE

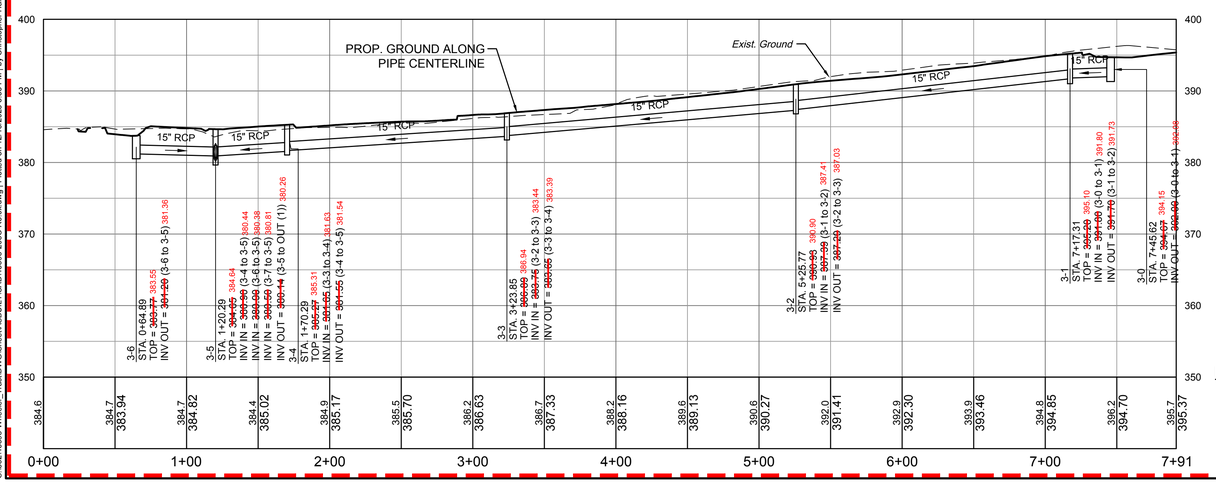
RVRD



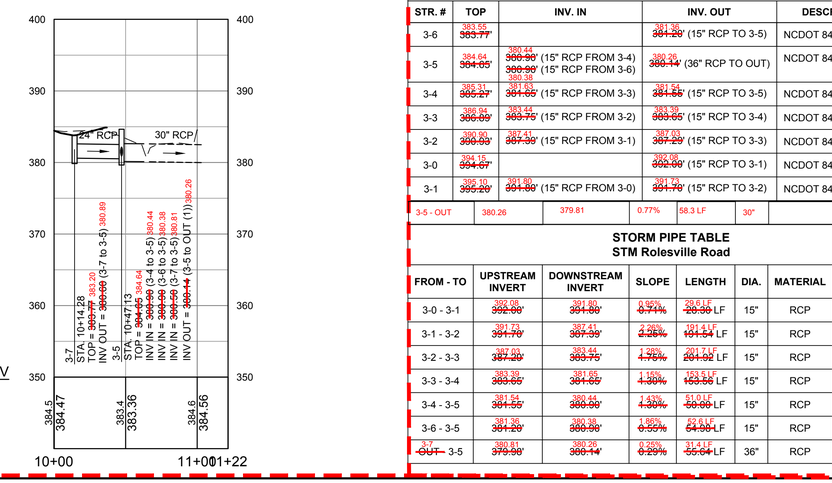
ROAD1



STM ROLESVILLE RD



STRM 3-7 TO OUTFALL



STORM STRUCTURE TABLE
STM Rolesville Road

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
3-6	~~383.55~~ ~~383.77~~		~~381.36~~ ~~381.28~~ (15" RCP TO 3-5)	NCDOT 840.14 CONCRETE DI
3-5	~~384.64~~ ~~384.65~~	~~380.44~~ ~~380.30~~ (15" RCP FROM 3-4) ~~380.30~~ (15" RCP FROM 3-6)	~~380.38~~ ~~380.14~~ (36" RCP TO OUT)	NCDOT 840.02 CONCRETE CB
3-4	~~385.71~~ ~~385.27~~	~~380.58~~ ~~381.63~~ (15" RCP FROM 3-3)	~~381.54~~ ~~381.55~~ (15" RCP TO 3-5)	NCDOT 840.02 CONCRETE CB
3-3	~~386.64~~ ~~386.09~~	~~381.44~~ ~~383.75~~ (15" RCP FROM 3-2)	~~383.39~~ ~~383.05~~ (15" RCP TO 3-4)	NCDOT 840.02 CONCRETE CB
3-2	~~390.90~~ ~~390.93~~	~~387.41~~ ~~387.39~~ (15" RCP FROM 3-1)	~~387.63~~ ~~387.29~~ (15" RCP TO 3-3)	NCDOT 840.02 CONCRETE CB
3-0	~~394.15~~ ~~394.67~~		~~392.79~~ ~~392.00~~ (15" RCP TO 3-1)	NCDOT 840.14 CONCRETE DI
3-1	~~395.20~~ ~~395.20~~	~~391.80~~ ~~391.80~~ (15" RCP FROM 3-0)	~~391.97~~ ~~391.78~~ (15" RCP TO 3-2)	NCDOT 840.02 CONCRETE CB
3-5 - OUT	380.26	379.81	0.77%	58.3 LF	30"		

STORM PIPE TABLE
STM Rolesville Road

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
3-0 - 3-1	~~392.08~~ ~~392.00~~	~~391.80~~ ~~391.80~~	~~0.96%~~ ~~0.71%~~	~~29.6 LF~~ ~~28.30~~ LF	15"	RCP	CLASS III
3-1 - 3-2	~~391.73~~ ~~391.70~~	~~387.41~~ ~~387.39~~	~~2.56%~~ ~~2.25%~~	~~161.4 LF~~ ~~161.54~~ LF	15"	RCP	CLASS III
3-2 - 3-3	~~387.00~~ ~~387.00~~	~~383.39~~ ~~383.75~~	~~1.76%~~ ~~1.75%~~	~~201.0 LF~~ ~~201.92~~ LF	15"	RCP	CLASS III
3-3 - 3-4	~~383.39~~ ~~383.65~~	~~381.65~~ ~~381.65~~	~~1.16%~~ ~~1.30%~~	~~153.5 LF~~ ~~153.56~~ LF	15"	RCP	CLASS III
3-4 - 3-5	~~381.64~~ ~~381.55~~	~~380.44~~ ~~380.00~~	~~1.43%~~ ~~1.30%~~	~~61.0 LF~~ ~~60.00~~ LF	15"	RCP	CLASS III
3-6 - 3-5	~~381.36~~ ~~381.28~~	~~380.38~~ ~~380.00~~	~~1.56%~~ ~~0.50%~~	~~77.0 LF~~ ~~64.00~~ LF	15"	RCP	CLASS III
~~3-7 OUT~~ 3-5	~~380.81~~ ~~379.98~~	~~380.26~~ ~~380.14~~	~~0.25%~~ ~~0.28%~~	~~31.4 LF~~ ~~55.04~~ LF	36"	RCP	EXIST. PIPE

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Signed by: Jonathan Smitter 2B53D1A4E1A74F8...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE
04-17-2025	GRADING AND STORM IMPROVEMENTS
	REVISED ROLESVILLE ROAD STRIPPING

DATE 07/21/22
DRAWN BY BPW
DESIGNED BY BPW
CHECKED BY BPW
SCALE 1" = 50'

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
OFFSITE GRADING AND PROFILE - AB

JOB NO. 43398
SHEET NO. ASBR3.02

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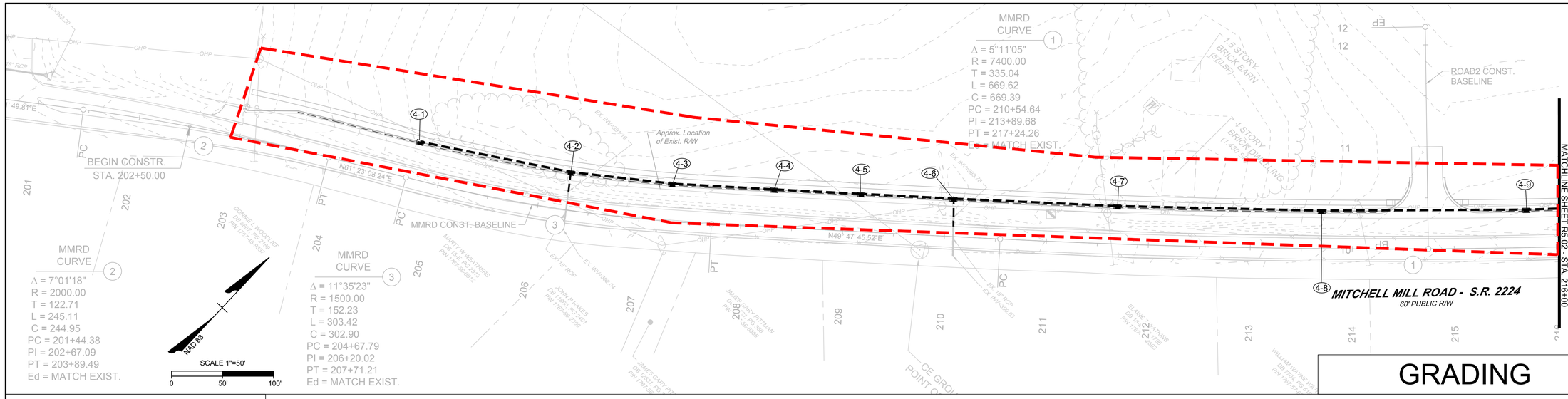
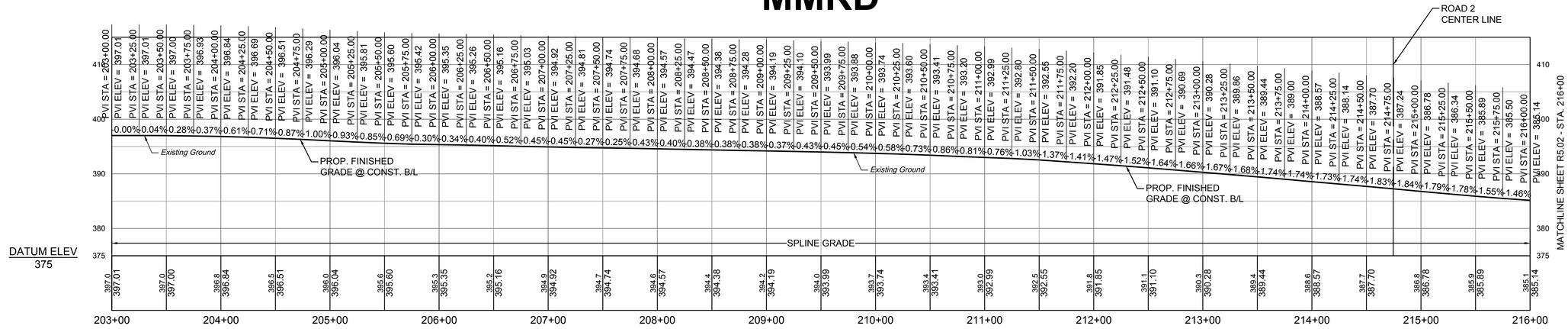


GRADING

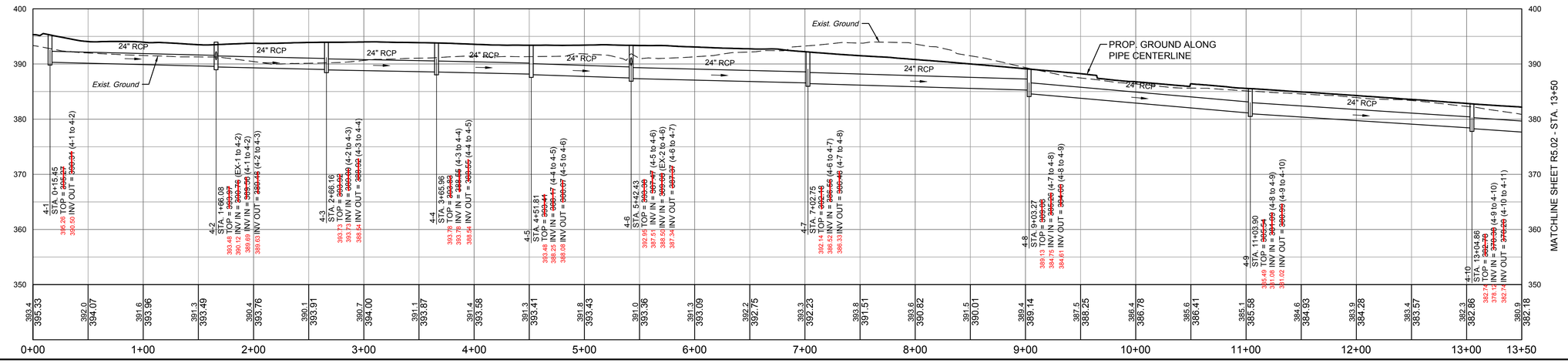
PROFILE

ROSEVILLE CROSSING AS-BUILT INFO

MMRD



STM MITCHELL MILL ROAD



PROFILE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

OFFSITE GRADING AND PROFILE - AB

JOB NO. 43398

SHEET NO. ASBR4.02

Signed by: Jonathan Smith 2853(NC)

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
04-17-2025	GRADING AND ALIGNMENTS
	REVISED ROLESVILLE ROAD STRIPING

DATE 07/21/22
DRAWN BY BPW
DESIGNED BY BPW
CHECKED BY BPW
SCALE 1" = 50'

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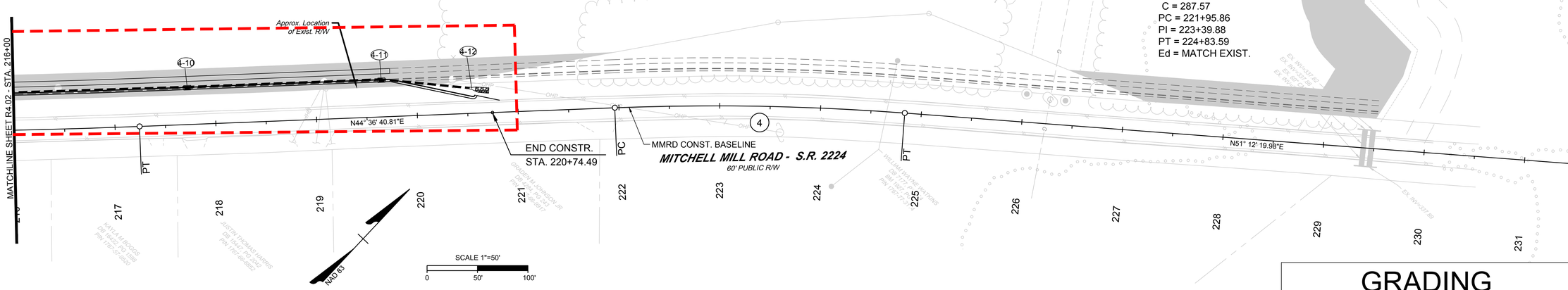
ROSEVILLE CROSSING AS-BUILT INFO

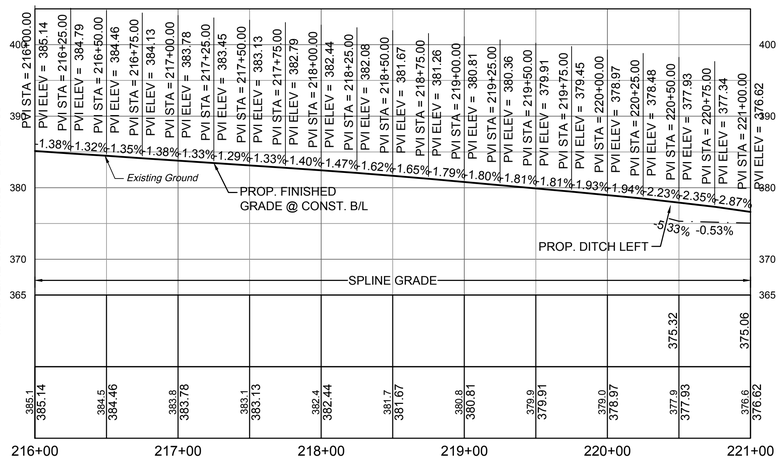
MMRD CURVE 4
Δ = 6°35'39"
R = 2500.00
T = 144.02
L = 287.73
C = 287.57
PC = 221+95.86
PI = 223+39.88
PT = 224+83.59
Ed = MATCH EXIST.



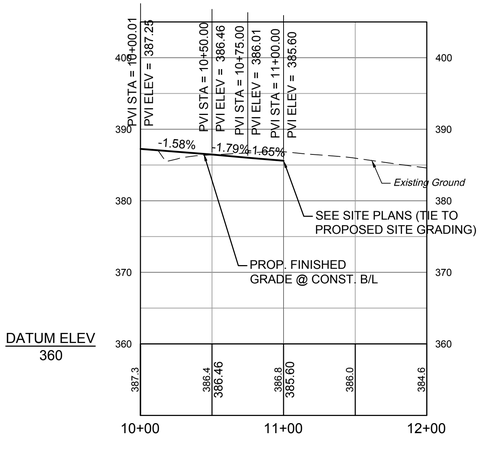
GRADING

PIPE

MMRD

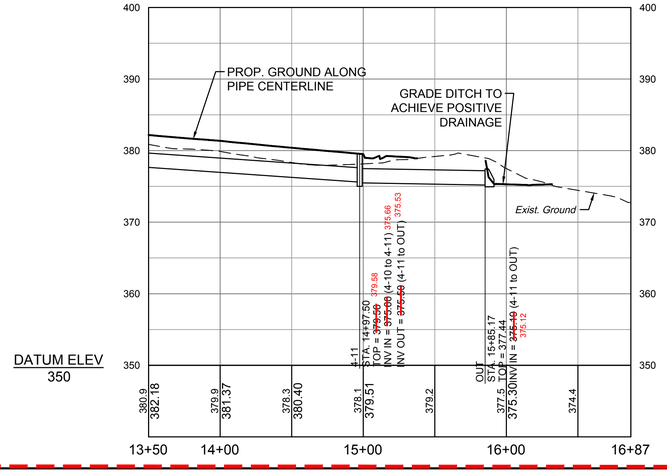


ROAD2



PROFILE

STM MITCHELL MILL ROAD



STORM STRUCTURE TABLE
STM Mitchell Mill Road

STR. #	TOP	INV. IN	INV. OUT	DESCRIPTION
OUT	377.44'	~~377.13~~ ~~375.19~~ (24" RCP FROM 4-11)		NCDOT 310.02 CONCRETE ES
4-11	~~379.50~~	~~375.66~~ ~~375.60~~ (24" RCP FROM 4-10)	~~375.53~~ ~~375.50~~ (24" RCP TO OUT)	NCDOT 840.02 CONCRETE CB
4-10	~~382.78~~	~~378.12~~ ~~378.28~~ (24" RCP FROM 4-9)	~~382.71~~ ~~378.28~~ (24" RCP TO 4-11)	NCDOT 840.02 CONCRETE CB
4-9	~~385.54~~	~~381.02~~ ~~381.09~~ (24" RCP FROM 4-8)	~~381.09~~ ~~380.99~~ (24" RCP TO 4-10)	NCDOT 840.02 CONCRETE CB
4-8	~~388.08~~	~~384.75~~ ~~385.20~~ (24" RCP FROM 4-7)	~~384.61~~ ~~384.60~~ (24" RCP TO 4-9)	NCDOT 840.02 CONCRETE CB
4-7	~~392.10~~	~~388.52~~ ~~388.56~~ (24" RCP FROM 4-6)	~~388.33~~ ~~388.46~~ (24" RCP TO 4-8)	NCDOT 840.02 CONCRETE CB
4-6	~~393.96~~	~~387.54~~ ~~387.47~~ (24" RCP FROM 4-5) ~~389.66~~ (18" RCP FROM IN-NORTH)	~~387.34~~ ~~387.37~~ (24" RCP TO 4-7)	NCDOT 840.02 CONCRETE CB
4-5	~~393.43~~	~~388.50~~ ~~388.25~~ ~~388.17~~ (24" RCP FROM 4-4)	~~388.08~~ ~~388.07~~ (24" RCP TO 4-6)	NCDOT 840.02 CONCRETE CB
4-2	~~393.63~~	~~390.32~~ ~~390.70~~ (18" RCP FROM EX-1) ~~389.56~~ (24" RCP FROM 4-1)	~~389.63~~ ~~389.46~~ (24" RCP TO 4-3)	NCDOT 840.02 CONCRETE CB
4-4	~~393.73~~	~~389.69~~ ~~389.73~~ (24" RCP FROM 4-3)	~~389.63~~ ~~389.55~~ (24" RCP TO 4-5)	NCDOT 840.02 CONCRETE CB
4-3	~~393.73~~	~~393.73~~ ~~389.03~~ (24" RCP FROM 4-2)	~~389.02~~ ~~389.02~~ (24" RCP TO 4-4)	NCDOT 840.02 CONCRETE CB
4-1	~~395.95~~		~~390.50~~ ~~390.31~~ (24" RCP TO 4-2)	NCDOT 840.02 CONCRETE CB

STORM PIPE TABLE
STM Mitchell Mill Road

FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DIA.	MATERIAL	DESCRIPTION
4-1 - 4-2	~~390.53~~ ~~390.31~~	~~389.66~~ ~~389.50~~	~~1.56%~~ ~~0.50%~~	~~146.46~~ ~~150.03~~ LF	24"	RCP	CLASS III
4-2 - 4-3	~~389.63~~ ~~389.46~~	~~388.45~~ ~~388.03~~	~~1.22%~~ ~~0.63%~~	~~97.08~~ ~~100.06~~ LF	24"	RCP	CLASS III
4-3 - 4-4	~~389.02~~ ~~389.02~~	~~388.81~~ ~~388.59~~	~~0.42%~~ ~~0.36%~~	~~97.71~~ ~~99.79~~ LF	24"	RCP	CLASS III
4-4 - 4-5	~~388.63~~ ~~388.59~~	~~388.25~~ ~~388.17~~	~~0.39%~~ ~~0.44%~~	~~97.71~~ ~~92.05~~ LF	24"	RCP	CLASS III
4-5 - 4-6	~~388.08~~ ~~388.07~~	~~387.51~~ ~~387.47~~	~~0.65%~~ ~~0.66%~~	~~88.05~~ ~~90.83~~ LF	24"	RCP	CLASS III
4-6 - 4-7	~~387.34~~ ~~387.37~~	~~386.52~~ ~~386.50~~	~~0.52%~~ ~~0.51%~~	~~157.92~~ ~~160.33~~ LF	24"	RCP	CLASS III
4-7 - 4-8	~~386.33~~ ~~386.46~~	~~384.75~~ ~~385.20~~	~~0.80%~~ ~~0.80%~~	~~197.55~~ ~~200.51~~ LF	24"	RCP	CLASS III
4-8 - 4-9	~~384.61~~ ~~384.60~~	~~381.08~~ ~~381.00~~	~~1.78%~~ ~~1.76%~~	~~198.19~~ ~~200.04~~ LF	24"	RCP	CLASS III
4-9 - 4-10	~~381.09~~ ~~380.99~~	~~378.12~~ ~~378.38~~	~~1.46%~~ ~~1.30%~~	~~198.56~~ ~~200.06~~ LF	24"	RCP	CLASS III
4-10 - 4-11	~~378.12~~ ~~378.28~~	~~375.66~~ ~~375.00~~	~~1.73%~~ ~~1.59%~~	~~198.74~~ ~~192.64~~ LF	24"	RCP	CLASS III
4-11 - OUT	~~375.53~~ ~~375.50~~	~~375.19~~ ~~375.19~~	~~0.50%~~ ~~0.35%~~	~~91.47~~ ~~87.67~~ LF	24"	RCP	CLASS III
EX-1 - 4-2	~~391.71~~ ~~392.04~~	~~390.12~~ ~~390.70~~	~~2.88%~~ ~~2.25%~~	~~55.14~~ ~~56.87~~ LF	18"	RCP	EXIST. PIPE
IN-NORTH - 4-6	~~389.96~~ ~~390.05~~	~~389.50~~ ~~389.66~~	~~2.71%~~ ~~0.65%~~	~~53.95~~ ~~55.96~~ LF	18"	RCP	EXIST. PIPE

PROFILE

Signed by: Jonathan Smith 28535 (NC) 12/17/2025
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
04-17-2025	GRADING AND STORM ADJUSTMENTS
	REVISED ROLESVILLE ROAD STRIPING

DATE 03/04/22
DRAWN BY BPW
DESIGNED BY BPW
CHECKED BY BPW
SCALE 1" = 50'

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
OFFSITE GRADING AND PROFILE - AB

JOB NO. 43398
SHEET NO. ASBR5.02

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S:\826\43398-Wheeler_Trae\DWG\Sheets\ASBUILT\C4DP\43398-20GC-R5.0p.dwg | Plotted on 12/16/2025 3:34 PM | by Christopher Hair

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STRUCTURE LOCATION TABLE						
CALLOUT	DESCRIPTION	NORTHING	EASTING	RIM	INVERT IN	INVERT OUT
1	NEW 72" Ø MANHOLE, CENTER	778384.98'	2166624.53'	~~350.17~~ 349.86'	~~329.20~~ 329.06'	~~329.16~~ 329.06'
2	NEW 72" Ø WET WELL, CENTER	778405.93'	2166607.73'	~~349.99~~ 349.50'	~~328.66~~ 328.50'	N/A
3	NEW 5' x 5.5' VALVE VAULT, CENTER	778412.82'	2166616.32'	~~350.16~~ 349.50'	N/A	N/A

GENERAL NOTES:
1. ALL WORK RELAETED TO THE PUMP STATION, WET WELL, AND FORCE MAIN SHALL BE TO THE CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
2. WET WELL EXTERIOR TO BE COATED WITH TWO SUCCESSIVE COATS OF COAL TAR EPOXY (APPROVED BY THE CITY OF RALEIGH)
3. WET WELL SHALL BE PRE-CAST CONCRETE PER ASTM C478. MANHOLE SECTION JOINTS SHALL BE DURABLE MASTIC SEALING MATERIAL AND WATERPROOFED BY USE OF ASHPHALTIC CEMENT AND WRAPPED WITH A BUTYL RESIN SEALANT WITH A 8" WIDTH.
4. ALL PENETRATIONS INTO THE WET WELL SHALL BE WATERTIGHT BY LINK SEAL OR NON SHRINK GROUT.
5. ALL HARDWARE IN THE WET WELL TO BE STAINLESS STEEL.
6. THERE SHALL BE NO VALVES, ELECTRICAL JUNCTION BOXES, OR CABLE SPLICES OF ANY KIND IN THE WET WELL.

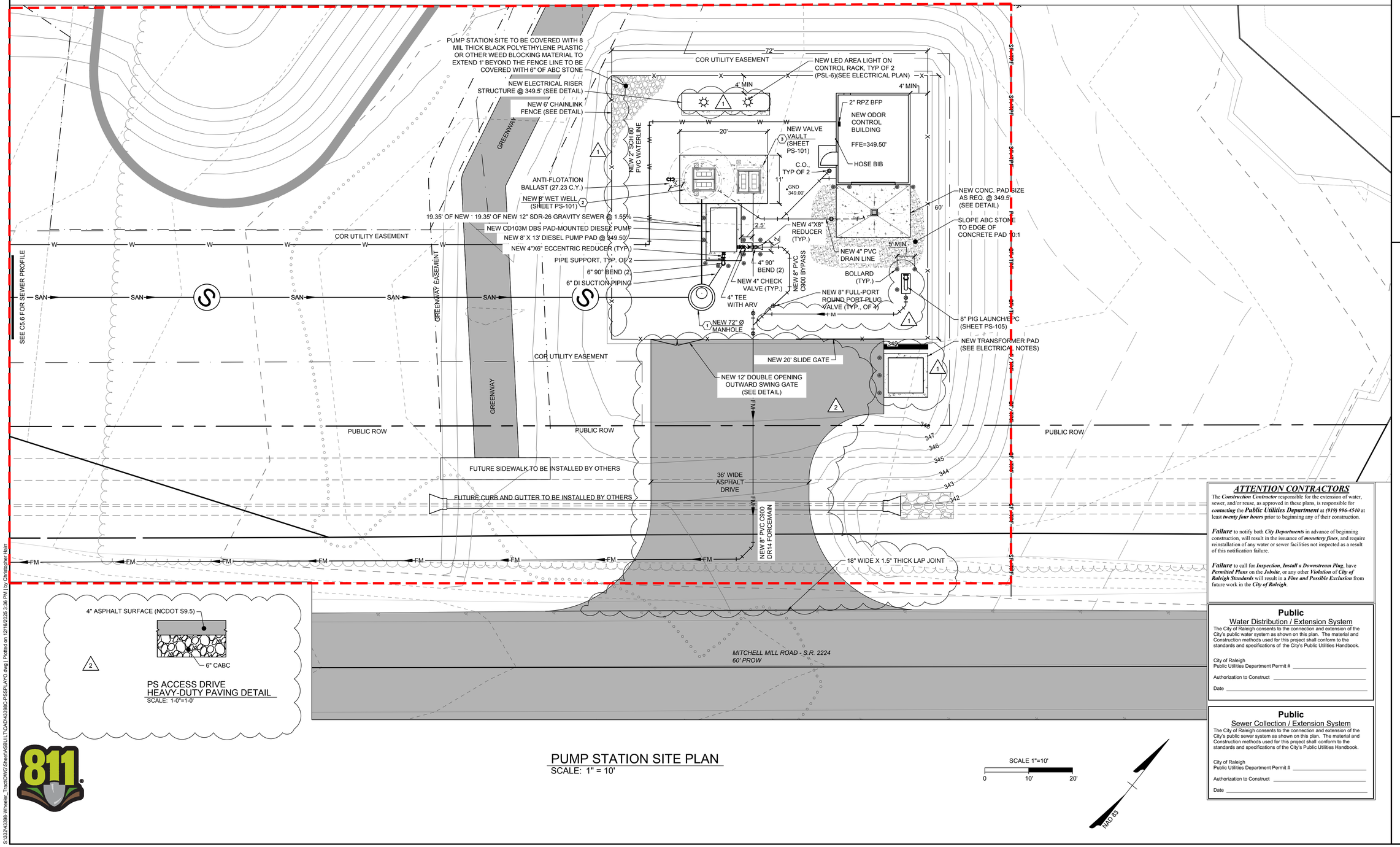
DESIGN CRITERIA:

THE WHEELER TRACT PUMP STATION HAS BEEN DESIGNED TO SERVE A TOTAL OF 177 SINGLE-FAMILY RESIDENCES (250 GPD/RESIDENCE), 120 TOWNHOMES (250 GPD/TOWNHOME), AND A CLUBHOUSE WITH A SWIMMING POOL (10 GPD/PERSON). FLOWS FROM THE ADJACENT DRAINAGE BASIN HAVE BEEN INCLUDED, WHICH INCLUDES 280 ACRES (720 GPD/ACRE). THE TOTAL DESIGN FLOW IS APPROXIMATELY 277,350 GPD. USING A 2.5 PEAKING FACTOR, THE PEAK INFLUENT RATE IS 481.51 GPM. THE STATION WILL HAVE TWO (2) SULZER XFP100G CB1 60HZ PE250/4-G-60HZ WET WELL SUBMERSIBLE PUMPS. THE NEW 8-INCH PVC-C900 DR14 FORCE MAIN WILL DISCHARGE INTO THE GRAVITY SEWER PARALLEL TO HARRIS CREEK NEAR AMAZON TRAIL OWNED BY THE CITY OF RALEIGH.

DESIGN SUMMARY:

PUMP STATION FLOWS ARE HANDLED BY TWO (2) SULZER XFP100G CB1 60HZ PE250/4-G-60HZ SUBMERSIBLE PUMPS, EACH OPERATING AT 302 GPM @ 92' TDH AT 52.59 HZ AND 482 GPM @ 112' TDH AT 60 HZ.

ROSEVILLE CROSSING AS-BUILT INFO



PS ACCESS DRIVE
HEAVY-DUTY PAVING DETAIL
SCALE: 1-0"=1-0'

PUMP STATION SITE PLAN
SCALE: 1" = 10'

SCALE 1"=10'
0 10' 20'

NAD 83

ATTENTION CONTRACTORS

The ***Construction Contractor*** responsible for the extension of water, sewer, and/or reuse, as approved in these plans, is responsible for ***contacting*** the ***Public Utilities Department*** at ***(919) 996-4540*** at least ***twenty four hours*** prior to beginning any of their construction.

Failure to notify both ***City Departments*** 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 # _____

Authorization to Construct _____

Date _____

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 # _____

Authorization to Construct _____

Date _____

Signed by: Jonathan Smitter 2B53D7A4...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER
12/17/2025

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD PAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	04-17-2025
REVISED ROLESVILLE ROAD STRIPING	

DATE 09/06/23
DRAWN BY A. KABAT
DESIGNED BY A. KABAT
CHECKED BY C. PETREE
SCALE 1" = 10'

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
PUMP STATION PLAN

JOB NO. 43398
SHEET NO. PS-100

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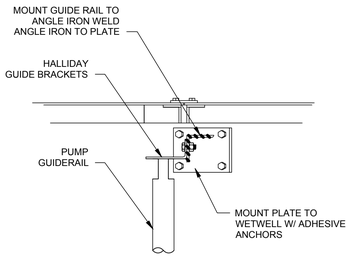
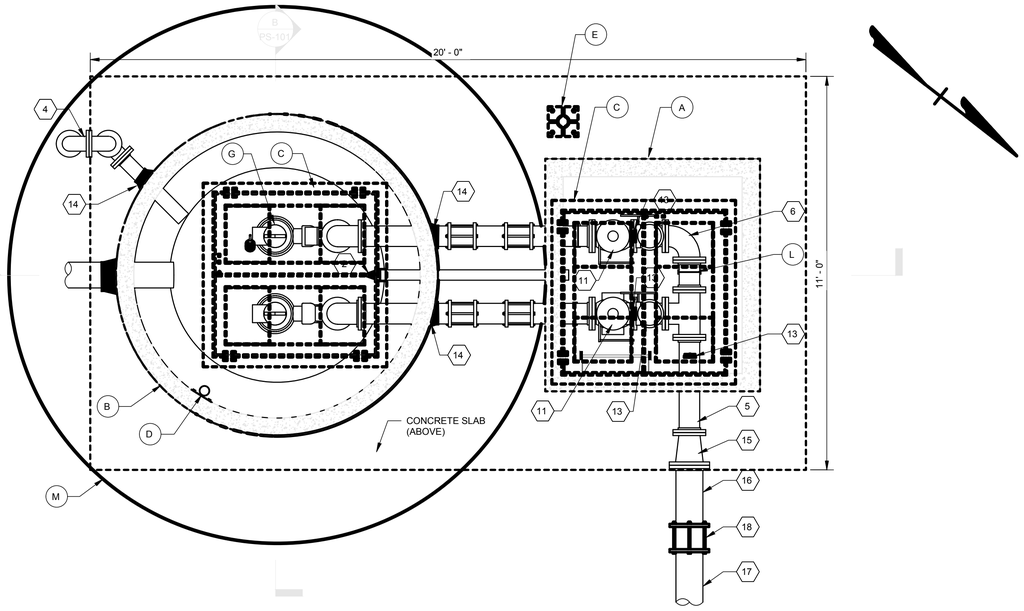
GENERAL NOTES:

1. BASE AND FIRST RISER UNIT TO BE CAST MONOLITHIC
2. VALVE VAULT TO HAVE SEALED FLOOR AND DRAIN
3. ALL LOCATIONS WHERE PIPES ENTER OR LEAVE THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH WALL SLEEVE OR NON-SHRINK GROUT
4. THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN THE WET WELL
5. CHECK VALVES SHALL BE IRON-BODIED, FULLY BRONZE CLAPPER DISC AND BRONZE SEAT RING, AND SHALL HAVE A SPRING LOADED LEVER ARM CAPABLE OF BEING MOUNTED ON EITHER SIDE OF THE VALVE
6. PLUG VALVES SHALL BE 1/4 TURN, ECCENTRIC ACTION AND RESILIENT PLUG FACING WITH HEAVY DUTY STAINLESS STEEL BEARINGS AND WELDED-IN CORROSION RESISTANT NICKEL SEAT. PUMP STATION PLUG VALVES SHALL BE "FULL-PORT" CROSS-SECTIONAL AREA PERPENDICULAR TO THE FLOW OF AT LEAST 100% OF THE ADJOINING PIPE
7. FLEXIBLE COUPLING SHALL BE SLEEVE TYPE
8. PUMPING SPECIFICATIONS ARE BELOW:
   THE PUMPING EQUIPMENT SHALL BE A DUPLEX SOLIDS HANDLING SUBMERSIBLE SEWAGE PUMP INSTALLATION AS MANUFACTURED BY SULZER (OR APPROVED EQUIVALENT). THE INSTALLATION SHALL INCLUDE ALL MOTORS, VALVES, PIPING, HARDWARE, HATCH COVERS, CONTROLS, ALARM BELL, ALARM LIGHT, AUTO DIALER, PUMP RUN TIME INDICATOR, ELECTRICAL EQUIPMENT AND WIRING. THE PUMPING EQUIPMENT SHALL BE CAPABLE OF DELIVERING 350 GPM AGAINST A TDH OF 89.0 FEET. A SULZER XFP100G CB1 60 HZ PE250/4-G-60HZ OR APPROVED EQUIVALENT SHALL BE USED.
9. PUMP MOTORS SHALL MEET ALL REQUIREMENTS OF CLASS 1, DIVISION 1, GROUP D
10. PUMP STATION MUST COMPLY WITH ALL CITY OF RALEIGH AND TOWN OF ROLESVILLE SPECIFICATIONS
11. ALL DISCHARGE PIPING SHALL BE CLASS 50 DUCTILE IRON FLANGED PIPE IN ACCORDANCE WITH AWWA C 141
12. ALL PIPING, COUPLINGS, FITTINGS, VALVES, ETC. SHALL BE CLASS 125 FLANGES MEETING ANSI B16.1 SPECIFICATIONS
13. PUMP STATION IS NOT LOCATED WITHIN 100-YR FLOODPLAIN ACCORDING TO FEMA FIRM MAP 3720176600J (EFFECTIVE DATE 05/02/2006)
14. WET WELL EXTERIOR TO BE COATED WITH TWO SUCCESSIVE COATS OF COAL TAR EPOXY (APPROVED BY THE CITY OF RALEIGH)
15. WET WELL SHALL BE PRE-CAST CONCRETE PER ASTM C478. MANHOLE SECTION JOINTS SHALL BE DURABLE MASTIC SEALING MATERIAL AND WATERPROOFED BY USE OF ASPHALTIC CEMENT AND WRAPPED WITH A BUTYL RESIN SEALANT WITH A 8" WIDTH
16. ALL PENETRATIONS INTO THE WET WELL SHALL BE WATERTIGHT BY LINK SEAL OR NON SHRINK GROUT
17. ALL HARDWARE IN THE WET WELL TO BE STAINLESS STEEL
18. THERE SHALL BE NO VALVES, ELECTRICAL JUNCTION BOXES, OR CABLE SPLICESOF ANY KIND IN THE WET WELL



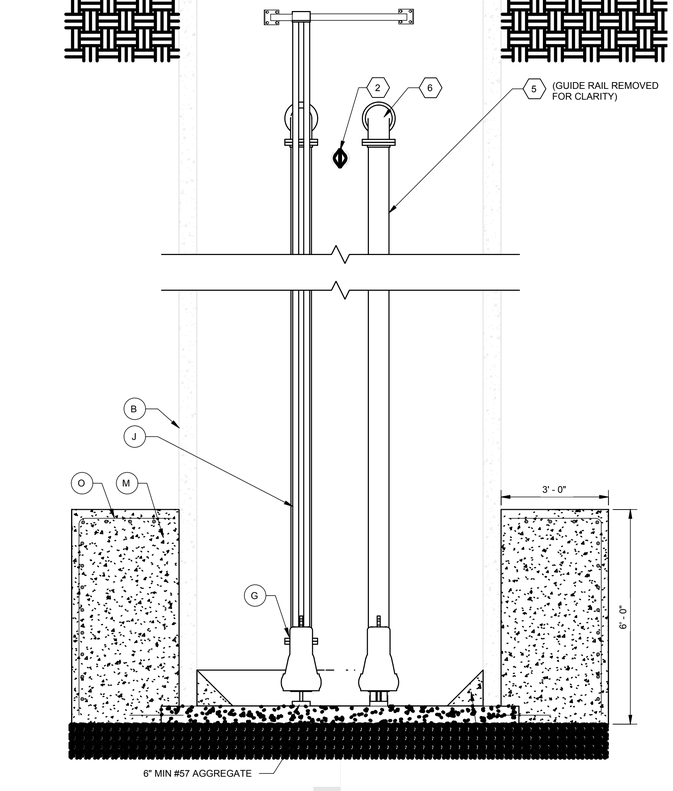
2 PUMP GUIDERAIL BRACKET MOUNTING
NOT TO SCALE



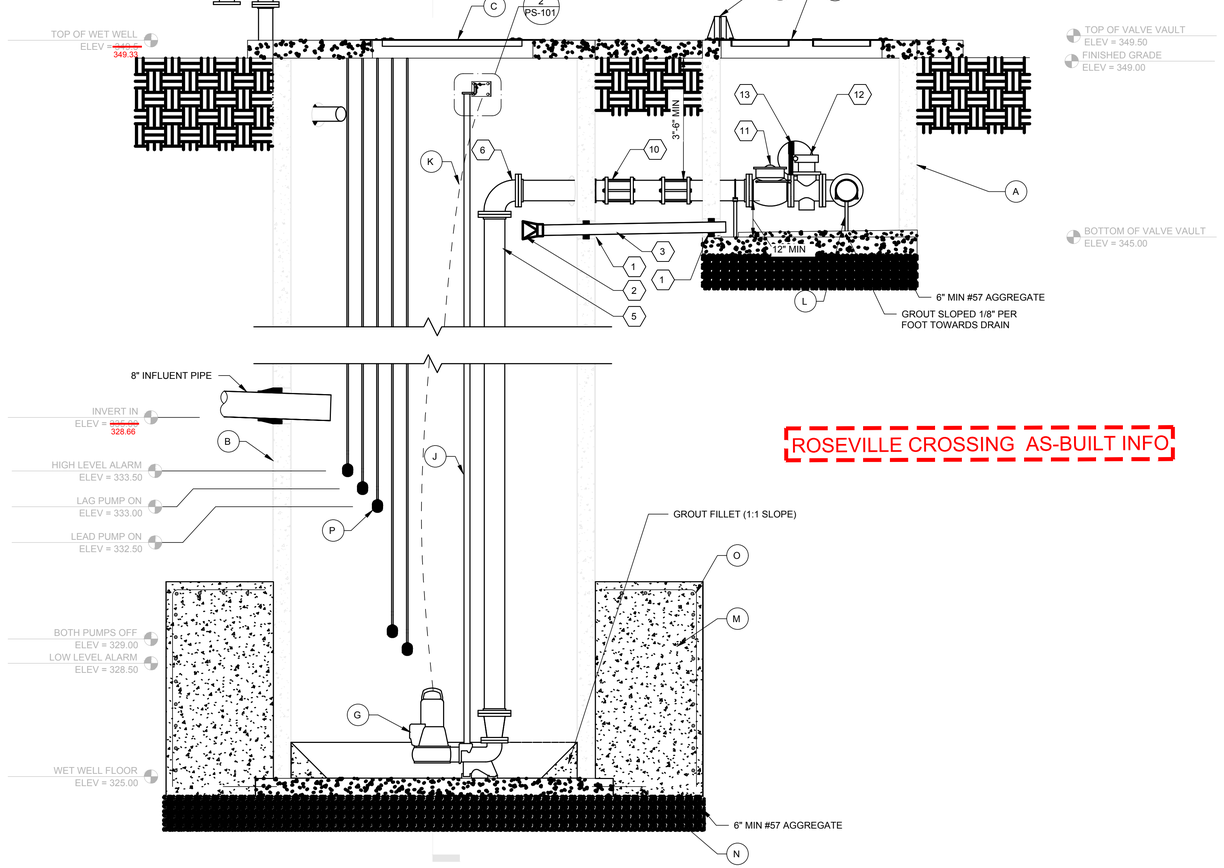
1 PUMP STATION PLAN
1/2" = 1'-0"

FITTING AND EQUIPMENT SCHEDULE

LABEL	DESCRIPTION
1	LINK SEAL
2	3" TIDEFLEX TF-2 CHECK VALVE
3	3" PVC DRAIN SLOPED 1/4" PER FOOT (MIN) WITH FLEXIBLE COUPLING
4	6" VENT WITH REMOVABLE BRONZE OR ALUMINUM INSECT SCREEN
5	6" FLG CLASS 50 DIP PIPE
6	6" FLG 90 DEGREE BEND
10	6" DRESSER COUPLING
11	6" SWING CHECK VALVE
12	6" GEAR OPERATED PLUG VALVE
13	PRESSURE GAUGE AND BALL VALVE (TAPPED)
14	MANHOLE BOOT
15	6"X8" MJ REDUCER
16	8" SDR 21 PVC PIPE
17	8" MJ CLASS 50 DIP PIPE
18	8" TRANSITION COUPLING
A	PRECAST VALVE VAULT
B	8' DIAMETER PRECAST WET WELL
C	W2S5454 HALLIDAY HATCH (OR APPROVED EQUAL)
D	PORTABLE ADJUSTABLE HALLIDAY HOIST ASSEMBLY
E	HALLIDAY D2R HOIST SOCKET (OR APPROVED EQUAL)
G	SUMBERSIBLE NON-CLOG SEWAGE PUMP SULZER XFP100G CB1 60HZ PE250/4-G-60HZ
H	STAINLESS STEEL ANCHORS PER PUMP MANUFACTURER
J	STAINLESS STEEL GUIDE RAIL
K	STAINLESS STEEL HOIST CABLE W/ 1" STAINLESS STEEL CHAIN
L	ADJUSTABLE PIPE SUPPORT (AS REQUIRED)
M	ANTI-FLOATATION COLLAR (25.133 C.Y. MIN CONCRETE)
N	3/4"X18" STEEL ROD @ 24" O.C.
O	#4 REBAR (CONTINUOUS) @ 8" O.C.
P	FLOAT SWITCH (TYP.)



B SECTION B
1/2" = 1'-0"



A SECTION A
1/2" = 1'-0"

ROSEVILLE CROSSING AS-BUILT INFO

1' 0' 1' 2' 4'
SCALE: 1/2" = 1'-0"

Signed by: Jonathan Smith
2B53D1A4E2E74F8...
12/17/2025

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-27-2023	GRADING AND UTILITY ADJUSTMENTS
04-17-2025	AS-BUILT COMMENTS
	REVISED ROLESVILLE ROAD STRIPPING

DATE
12/07/2021

DRAWN BY

DESIGNED BY

CHECKED BY

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
PUMP STATION LAYOUT AND SECTIONS

JOB NO.
43398

SHEET NO.
ASBPS101

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12/14/2021 3:23:21 PM
s:\52243398-Wheeler_Tract\DWG\Sheet\ASBUILT\CAD\43398-MPPUMP-Sheet - PS-101 - PUMP STATION LAYOUT AND SECTIONS.dwg | Plotted on 12/16/2025 3:38 PM | by Christopher Hairr

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POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
18002	778146.355	2165384.919	370.786	CURB STOP
18003	778160.695	2165400.911	370.47	CURB STOP
18004	778162.368	2165400.229	370.485	WM
18007	778181.078	2165421.72	370.136	WM
18008	778179.494	2165422.936	370.208	CURB STOP
18009	778208.4	2165458.33	369.756	CURB STOP
18010	778209.837	2165457.365	369.744	WM
18013	778224.54	2165474.602	369.546	WM
18014	778223.144	2165475.801	369.627	CURB STOP
18015	778236.052	2165492.273	369.23	CURB STOP
18016	778237.757	2165491.396	369.261	WM
18018	778044.672	2166055.649	369.771	CURB STOP
18019	778043.689	2166057.145	369.654	WM
18021	778063.566	2166064.498	369.135	WM
18022	778064.492	2166063.248	369.204	CURB STOP
18025	778087.268	2166071.41	368.68	WM
18026	778087.508	2166069.437	368.881	CURB STOP
18027	778108.567	2166077.169	367.856	WM
18028	778109.294	2166075.366	367.934	CURB STOP
18031	778129.711	2166083.307	366.809	CURB STOP
18032	778129.266	2166084.878	366.799	WM
18033	778152.484	2166097.016	365.74	WM
18034	778153.31	2166095.586	365.752	CURB STOP
18036	778219.776	2166156.139	361.829	WM
18037	778221.05	2166155.245	362.006	CURB STOP
18040	778245.314	2166196.067	361.196	CURB STOP
18041	778243.395	2166196.852	361.177	WM
18042	778251.427	2166215.266	360.705	WM
18043	778253.223	2166214.632	360.795	CURB STOP
18046	778258.101	2166235.778	360.872	CURB STOP
18047	778256.689	2166236.31	360.774	WM
18048	778262.559	2166257.748	360.539	WM
18049	778264.043	2166257.144	360.538	CURB STOP
18052	778268.955	2166280.481	360.44	CURB STOP
18053	778267.331	2166280.824	360.467	WM
18055	778322.7	2166285.503	360.136	WM
18056	778321.315	2166285.659	360.296	CURB STOP
18057	778315.86	2166263.549	360.403	CURB STOP
18058	778317.638	2166263.481	360.365	WM
18061	778312.919	2166243.226	360.236	WM
18062	778311.221	2166243.406	360.423	CURB STOP
18064	778306.557	2166221.932	360.751	CURB STOP
18065	778307.982	2166221.462	360.667	WM
18066	778301.349	2166199.899	360.779	WM
18067	778299.899	2166200.628	360.828	CURB STOP
18069	778264.751	2166131.892	361.768	CURB STOP
18070	778265.978	2166130.862	361.847	WM
18073	778247.265	2166109.248	362.917	CURB STOP
18074	778248.347	2166108.261	362.808	WM
18075	778233.082	2166092.684	363.145	WM
18076	778232.044	2166093.883	363.045	CURB STOP
18079	778215.759	2166079.013	363.754	CURB STOP
18080	778216.567	2166078.003	363.675	WM
18143	777678.688	2165847.725	382.325	WV
18144	777694.437	2165834.138	381.275	WV-BURIED
18146	777805.779	2165762.45	381.347	FH
18147	777808.798	2165770.093	380.729	WM
18149	777807.758	2165771.318	380.663	CURB STOP
18153	778108.359	2166005.79	368.216	FH
18154	778100.2892	2166027.749	0	
18155	778211.127	2166143.81	362.608	FH
18156	778217.716	2166137.532	358.97	TOP NUT
18157	778217.782	2166137.691	362.659	WV
18159	778329.099	2166379.897	357.811	WV
18160	778329.086	2166379.896	354.44	TOP NUT
18161	778333.206	2166392.953	357.583	FH
18162	778327.272	2166398.975	355.977	EC1 B
18163	778324.165	2166400.313	356.002	EC1
18164	778322.523	2166396.366	356.007	EC1
18165	778325.659	2166395.093	356.036	EC1 C
18166	778324.894	2166397.739	356.061	WATER VLT
18167	778324.531	2166400.865	354.98	EC2 B
18168	778326.89	2166406.246	354.889	EC2
18169	778329.443	2166405.019	354.889	EC2
18170	778327.172	2166399.77	355.022	EC2 C
18171	778326.991	2166403.323	354.79	BFP
18174	778134.906	2165720.564	365.16	WV
18175	778134.87	2165720.537	359.947	TOP NUT
21269	777807.433	2166028.556	379.229	TOP BOA FLANGE
27202	777762.518	2164608.366	388.546	WM
27203	777763.359	2164609.584	388.861	CURB STOP
27428	777613.748	2164654.405	387.368	WM
27429	777615.058	2164653.723	387.321	CURB STOP
27647	777691.556	2164856.798	383.854	FIRE HYD
27648	777695.876	2164868.737	383.587	BFP
27689	777626.314	2164860.214	384.364	WM
27690	777628.057	2164860.226	384.283	CURB STOP
27692	777639.946	2164790.436	384.793	WM
27693	777642.222	2164790.688	384.858	CURB STOP
27815	777100.939	2165261.987	392.283	FH
27819	776918.574	2165036.224	393.412	FH
27820	776757.382	2164784.871	397.899	FM ARV
27826	777291.522	2165483.195	390.975	FH
27834	777450.641	2165622.451	386.301	FH
27980	777617.499	2165826.833	384.179	FH
27981	777611.725	2165832.527	383.948	TOP RIM
27982	777611.53	2165832.466	380.485	TOP KEY
27983	777678.595	2165847.659	382.319	ARV
27987	778105.599	2165333.238	371.627	WV
27988	778106.541	2165331.728	371.682	WM
27989	778134.417	2165366.68	370.945	WM
27990	778133.068	2165367.807	370.945	WV
27991	778147.916	2165383.738	370.768	WM
27995	777511.267	2163723.387	390.293	WM
27996	777510.076	2163722.769	390.311	WV
27997	777509.946	2163725.783	390.507	WV
27998	777511.409	2163726.198	390.406	WM
28522	777447.753	2163701.174	389.751	WM
28523	777449.61	2163701.477	389.801	CURB STOP

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
28528	777442.309	2163778.513	392.738	WM
28529	777443.801	2163778.478	392.732	CURB STOP
28534	777501.61	2163881.123	395.676	CURB STOP
28536	777675.377	2164856.761	383.66	WV TOP RIM
28537	777675.259	2164856.675	376.447	WV TOP KEY
28542	777227.2	2164660.423	389.412	WM
28546	776999.884	2164759.949	391.632	CURB STOP
28547	776998.872	2164758.455	391.552	WM
28548	777697.591	2165174.915	385.808	FH
28549	777673.826	2165206.207	382.013	TOP KEY
28550	777671.081	2165209.316	382.217	TOP KEY
28551	777671.186	2165209.188	385.825	WV-TOP RIM
28552	777673.915	2165206.208	385.835	WV-TOP RIM
28553	777671.05	2165203.712	385.875	WV-TOP RIM
28554	777668.193	2165206.461	385.892	WV-TOP RIM
28555	777668.105	2165206.542	382.011	TOP KEY
28556	777670.924	2165203.621	382.175	TOP KEY
28557	777644.36	2165488.29	380.16	TOP KEY
28558	777644.249	2165488.172	383.831	WV-TOP RIM
28559	778047.41	2165267.665	372.751	FH
28560	778034.016	2165286.811	372.609	WV-TOP RIM
28561	778061.428	2165313.172	371.632	WV-TOP RIM
28562	778061.544	2165317.07	371.659	WV-TOP RIM
28563	778065.331	2165316.917	371.546	WV-TOP RIM
28564	778033.82	2165286.842	369.312	TOP KEY
28565	778061.316	2165313.224	369.334	TOP KEY
28566	778061.498	2165317.155	369.4	TOP KEY
28567	778065.503	2165316.983	369.374	TOP KEY
28569	778097.232	2165682.13	365.565	WM
28570	778098.67	2165682.755	365.502	CURB STOP
28572	778093.871	2165702.963	365.165	WM
28573	778095.342	2165703.469	365.046	CURB STOP
28575	778088.688	2165732.879	364.696	WM
28576	778089.944	2165733.19	364.733	CURB STOP
28577	778087.331	2165753.345	364.82	WM
28578	778088.971	2165753.113	364.069	URB STOP NOT VISIBL
28579	778087.614	2165818.67	364.679	WM
28580	778089.134	2165818.298	364.562	CURB STOP
28581	777935.464	2165510.184	377.19	WV-RIM
28582	777935.308	2165510.269	374.913	WV-TOP KEY
28583	778233.94	2165519.687	368.354	WV-TOP RIM
28584	778233.378	2165523.62	368.408	WV-TOP RIM
28585	778237.203	2165524.089	368.24	WV-TOP RIM
28586	778233.852	2165519.644	365.351	WV-TOP KEY
28587	778233.364	2165523.564	365.15	WV-TOP KEY
28588	778237.295	2165524.038	365.241	WV-TOP KEY
28589	778211.692	2165538.433	368.061	WV-TOP RIM
28590	778211.742	2165538.418	363.17	WV-TOP KEY
28591	777792.476	2165776.38	380.277	WV-TOP RIM
28592	777773.323	2165761.023	380.967	WV-TOP RIM
28593	777773.62	2165757.184	381.056	WV-TOP RIM
28594	777769.517	2165760.978	381.045	WV-TOP RIM
28595	777792.326	2165776.325	377.359	WV-TOP KEY
28596	777773.601	2165757.162	378.126	WV-TOP KEY
28597	777773.37	2165761.116	378.009	WV-TOP KEY
28598	777769.456	2165760.898	377.991	WV-TOP KEY
28599	777694.122	2165834.048	381.937	WV-TOP RIM
28600	777694.04	2165833.891	379.208	WV_TOP KEY
28601	778072.711	2166029.432	366.089	WV_TOP KEY
28602	778076.225	2166027.554	366.007	WV_TOP KEY
28603	778078.072	2166031.029	366.044	WV_TOP KEY
28604	778078.121	2166031.079	368.526	WV_TOP RIM
28605	778076.313	2166027.508	368.547	WV_TOP RIM
28606	778072.746	2166029.402	368.689	WV_TOP RIM
28607	778322.97	2166365.773	358.34	WV_TOP RIM
29001	777526.779	2163619.72	387.314	FH-TOP NUT
29002	777507.204	2163615.8	385.651	-TOP NUT BURIED IN F
29003	777501.171	2163633.214	381.995	WV-TOP NUT
29004	777515.108	2163561.432	385.77	WV-TOP RIM
29005	777519.191	2163539.108	386.156	WL
29006	777526.478	2163501.297	384.428	WV-TOP RIM
29007	777527.141	2163497.606	384.383	WL TIE
29008	777530.344	2163498.405	384.386	WV-TOP RIM
29010	777523.918	2163497.106	384.33	WV-TOP RIM
29011	777506.389	2163493.325	384.27	WL
29012	777531.012	2163480.209	383.991	WL-TEE
29014	777493.404	2163886.113	392.381	WV-TOP NUT
29015	777501.596	2163886.57	398.129	FH-TOP NUT
29016	777482.381	2163885.743	391.243	WL-TEE
29017	777470.791	2164124.946	393.709	WL-TEE 8X6
29018	777490.366	2164126.463	400.69	FH-TOP NUT
29019	777482.002	2164125.931	397.597	WV-TOP RIM
29020	777493.386	2163886.115	394.99	WV-TOP RIM
29021	777501.183	2163633.279	386.263	WV-TOP RIM
29022	777482.012	2164126.017	394.871	WV-TOP NUT
29023	777515.203	2163561.344	381.23	WV-TOP NUT
29024	777526.487	2163501.278	380.702	WV-TOP NUT
29025	777525.5754	2163506.005	0	WL CASING
29026	777516.8809	2163551.989	0	WL CASING
50094	777505.851	2165570.247	384.636	WM
50095	777507.187	2165571.364	384.744	CURB STOP
50096	777565.988	2165511.838	383.99	CURB STOP
50097	777564.852	2165510.775	384.047	WM
50100	777612.977	2165428.243	384.569	WM
50101	777614.617	2165428.787	384.659	CURB STOP
50103	777630.834	2165320.59	385.319	WM
50104	777631.292	2165316.463	385.29	WM
50105	777633.032	2165316.619	385.294	CURB STOP
50106	777632.299	2165320.599	385.425	CURB STOP
50109	777693.155	2165309.853	385.287	WM
50110	777692.902	2165313.899	385.157	WM
50111	777691.297	2165313.688	385.182	CURB STOP
50112	777691.045	2165310.329	385.219	CURB STOP
50115	777675.997	2165436.825	384.12	WM
50116	777675.026	2165440.175	384.229	WM
50117	777673.317	2165439.68	384.16	CURB STOP
50118	777674.617	2165436.207	384.132	CURB STOP
50120	777651.233	2165493.442	384.082	FH
50122	777648.049	2165498.684	383.895	WM

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
50123	777646.438	2165497.562	383.923	CURB STOP
50126	777564.286	2165599.167	383.944	WM
50127	777563.406	2165597.557	383.942	CURB STOP
50128	777612.007	2165550.826	383.631	WM
50129	777610.694	2165549.605	383.55	CURB STOP
50140	777865.971	2165189.492	380.399	WM
50141	777865.539	2165190.831	380.656	CURB STOP
50142	777886.73	2165194.211	380.233	CURB STOP
50143	777887.394	2165192.673	379.885	WM
50146	777907.702	2165198.638	379.073	WM
50147	777907.246	2165200.202	379.223	CURB STOP
50148	777928.287	2165206.005	378.491	CURB STOP
50149	777929.037	2165204.331	378.345	WM
50155	777952.129	2165214.875	377.053	CURB STOP
50156	777952.504	2165213.197	377.072	WM
50159	777992.905	2165233.075	375.333	WM
50160	777992.415	2165234.906	375.425	CURB STOP
50161	778011.319	2165245.954	374.437	CURB STOP
50162	778012.022	2165244.683	374.506	WM
50165	778025.614	2165253.699	373.923	WM
50166	778024.798	2165255.081	373.935	CURB STOP
50177	777974.046	2165282.763	375.275	WM
50178	777974.618	2165281.688	375.47	CURB STOP
50179	777949.88	2165268.822	376.66	CURB STOP
50180	777948.581	2165270.446	376.43	WM
50183	777931.79	2165260.274	377.328	CURB STOP
50184	777930.921	2165262.001	377.177	WM
50185	777910.228	2165253.42	378.195	WM
50186	777910.895	2165251.896	378.388	CURB STOP
50189	777888.53	2165247.766	379.336	WM
50190	777889.176	2165245.923	379.44	CURB STOP
50224	777947.101	2165399.083	374.388	WM
50225	777948.789	2165399.768	374.467	CURB STOP
50226	777937.215	2165421.784	374.778	CURB STOP
50227	777935.764	2165420.948	374.851	WM
50230	777928.02	2165442.846	375.81	CURB STOP
50231	777926.58	2165442.421	375.73	WM
50232	777919.148	2165461.429	376.385	WM
50233	777920.367	2165461.881	376.157	CURB STOP
50236	777910.741	2165485.922	377.335	CURB STOP
50237	777909.039	2165485.377	377.452	WM
50238	777902.912	2165502.183	377.909	WM
50239	777904.73	2165502.677	377.904	CURB STOP
50242	777873.465	2165575.667	380.857	WM
50243	777874.982	2165576.198	380.827	CURB STOP
50244	777865.269	2165601.641	381.495	CURB STOP
50245	777864.098	2165600.664	381.522	WM
50248	777856.193	2165621.315	382.054	CURB STOP
50249	777854.402	2165620.47	382.059	WM
50250	777843.72	2165639.51	382.244	WM
50251	777845.341	2165640.429	382.288	CURB STOP
50254	777831.64	2165658.298	382.382	CURB STOP
50255	777830.366	2165657.383	382.321	WM
50257	777815.58	2165674.018	382.046	WM
50258	777816.79	2165674.851	382.181	CURB STOP
50259	777761.926	2165727.57	381.889	CURB STOP
50260	777760.763	2165726.542	381.864	WM
50263	777741.804	2165745.258	381.563	WM
50264	777742.791	2165746.531	381.718	CURB STOP
50265	777727.663	2165761.276	381.762	CURB STOP
50266	777726.398	2165759.86	381.716	WM
50269	777710.976	2165775.018	381.831	WM
50270	777711.892	2165776.094	381.891	CURB STOP
50271	777696.254	2165791.27	382.312	CURB STOP
50272	777694.759	2165789.991	382.166	WM
50275	777679.433	2165805.571	382.316	WM
50276	777680.496	2165807.176	382.335	CURB STOP
50277	777901.743	2165641.664	382.294	CURB STOP
50278	777903.375	2165641.822	382.119	WM
50281	777911.928	2165622.269	381.737	WM
50282	777910.564	2165621.79	381.708	CURB STOP
50283	777918.099	2165601.245	380.956	CURB STOP
50284	777920.161	2165602.054	381.061	WM
50287	777927.884	2165581.3	380.213	WM
50288	777926.494	2165580.808	380.195	CURB STOP
50289	777934.649	2165560.302	379.517	CURB STOP
50290	777935.961	2165560.802	379.492	WM
50293	777944.23	2165541.763	379.029	WM
50294	777942.658	2165541.11	378.901	CURB STOP
50295	777952.609	2165517.967	377.935	FH
50296	777968.026	2165480.664	376.088	WM
50297	777966.425	2165479.995	376.243	CURB STOP
50299	777973.974	2165460.922	375.366	CURB STOP
50300	777975.399	2165461.175	375.414	WM
50302	777982.612	2165439.571	374.838	CURB STOP
50303	777984.678	2165440.357	374.758	WM
50306	777995.472	2165419.296	374.216	WM
50307	777993.903	2165418.454	374.208	CURB STOP
50308	778005.647	2165401.031	373.788	CURB STOP
50309	778006.996	2165402.163	373.703	WM
50312	778023.039	2165380.565	373.348	CURB STOP
50313	778024.91	2165381.69	373.252	WM
50344	777772.71	2165806.495	380.765	CURB STOP
50345	777771.636	2165807.705	380.714	WM
50346	777796.222	2165833.567	379.315	WM
50348	777797.192	2165832.18	379.329	CURB STOP
50349	777810.606	2165847.026	378.582	CURB STOP
50350	777809.604	2165848.301	378.504	WM
50353	777826.688	2165865.38	377.78	WM
50354	777827.76	2165864.113	377.825	CURB STOP
50355	777842.792	2165879.625	376.892	CURB STOP
50356	777841.651	2165880.667	376.977	WM
50359	777860.238	2165900.61	375.519	WM
50360	777861.417	2165899.454	375.639	CURB STOP
50366	777894.285	2165932.688	373.598	CURB STOP
50367	777893.381	2165933.897	373.471	WM
50370	777909.538	2165948.705	372.724	CURB STOP
50371	777908.334	2165950.247	372.614	WM
50372	777922.426	2165964.264	372.089	WM

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
50373	777923.23	2165963.065	372.201	CURB STOP
50378	777938.419	2165981.95	371.46	WM
50379	777939.44	2165980.645	371.457	CURB STOP
50382	777954.113	2165997.463	371.069	WM
50383	777955.629	2165996.374	371.075	CURB STOP
50384	777975.202	2166014.169	370.839	CURB STOP
50385	777974.305	2166015.995	370.674	WM
50402	777896.734	2165864.178	375.617	CURB STOP
50403	777897.977	2165863.081	375.506	WM
50404	777879.8	2165844.821	376.466	WM
50405	777878.283	2165845.901	376.465	CURB STOP
50408	777863.996	2165829.276	377.495	WM
50409	777862.609	2165830.465	377.547	CURB STOP
50410	777847.703	2165813.805	378.405	CURB STOP
50411	777849.202	2165812.675	378.473	WM
50414	777834.164	2165796.647	379.401	WM
50415	777832.723	2165797.768	379.475	CURB STOP
50426	777617.603	2165826.379	383.957	FH
50433	778115.318	2165971.727	367.596	CURB STOP
50434	778116.672	2165972.13	367.571	WM
50437	778122.329	2165950.991	367.199	CURB STOP
50438	778123.988	2165951.544	367.088	WM
50439	778129.539	2165929.901	366.53	CURB STOP
50440	778131.355	2165930.47	366.591	WM
50443	778134.359	2165908.271	366.471	CURB STOP
50444	778135.822	2165908.375	366.477	WM
50453	778138.857	2165861.679	365.273	WM
50454	778137.647	2165861.595	365.252	CURB STOP
50455	778138.548	2165840.504	365.034	CURB STOP
50456	778140.052	2165840.314	365.027	WM
50459	778138.142	2165817.402	364.745	CURB STOP
50460	778139.582	2165817.869	364.792	WM
50461	778137.915	2165795.811	364.914	WM
50462	778136.468	2165796.063	364.869	CURB STOP
50465	778139.485	2165773.932	365.042	WM
50466	778137.873	2165774.087	364.923	CURB STOP
50467	778137.718	2165752.895	364.551	CURB STOP
50468	778139.216	2165752.934	364.521	WM
50470	778140.741	2165721.904	364.941	FH
50472	778153.738	2165676.62	365.725	WM
50473	778151.834	2165675.711	365.694	CURB STOP
50474	778161.487	2165652.07	366.211	CURB STOP
50475	778162.975	2165652.774	366.251	WM
50478	778172.457	2165635.405	366.628	WM
50479	778171.076	2165634.522	366.56	CURB STOP
50481	778184.232	2165616.26	366.922	WM
50482	778182.92	2165615.156	366.975	CURB STOP
50483	778194.593	2165598.022	367.413	CURB STOP
50484	778196.379	2165599.22	367.39	WM
50486	778184.906	2165536.088	368.23	FH
50488	778183.247	2165537.439	368.108	CURB STOP
50489	778181.946	2165535.761	368.058	WM
50490	778158.63	2165561.623	367.505	WM
50491	778159.794	2165562.35	367.394	CURB STOP
50494	778146.846	2165580.46	367.282	CURB STOP
50495	778145.368	2165579.339	367.26	WM
50496	778133.205	2165598.646	366.845	WM
50497	778134.873	2165599.456	366.765	CURB STOP
50501	778113.312	2165639.392	366.115	WM
50502	778114.608	2165640.338	366.066	CURB STOP
50505	778106.32	2165661.033	365.838	CURB STOP
50506	778104.729	2165660.596	365.846	WM
50514	778086.446	2165774.801	364.622	WM
50515	778088.537	2165775.019	364.554	CURB STOP
50523	778087.273	2165796.591	364.476	WM
50524	778088.841	2165796.702	364.436	CURB STOP
50528	778087.27	2165840.415	365.008	WM
50529	778088.716	2165840.192	364.952	CURB STOP
55017	777768.14	2164634.712	384.982	WV
55018	777765.596	2164631.029	383.842	WL TEE
55019	777790.42	2164661.883	387.601	FH
55020	777746.11	2164646.98	383.575	WL BEND
55021	777715.444	2164702.825	384.405	WV
55022	777711.607	2164703.928	384.333	WV
55023	777716.503	2164706.652	384.306	WV
77069	777487.841	2164212.53	397.794	WM
77070	777486.272	2164212.573	398.089	CURBSTOP
77072	777490.037	2164125.886	398.495	FH
77073	777492.258	2164122.318	398.317	WM
77074	777490.597	2164122.26	398.684	CURBSTOP
77077	777493.45	2164044.291	398.228	CURBSTOP
77078	777495.17	2164044.28	397.783	WM
77082	777502.404	2163892.557	395.444	WM
77083	777500.5	2163892.158	395.924	CURBSTOP
77085	777503.292	2163881.124	395.272	WM
77087	777501.782	2163881.096	395.706	CURBSTOP
77090	777440.386	2163860.566	395.329	CURBSTOP
77091	777438.727	2163860.498	394.921	WM
77092	777434.643	2163945.047	396.849	WM
77093	777436.06	2163944.694	397.11	CURBSTOP
77096	777430.57	2164025.519	397.83	WM
77097	777432.477	2164025.089	398.193	CURBSTOP
77099	777426.709	2164106.005	398.177	WM
77100	777428.471	2164105.742	398.754	CURBSTOP
77101	777423.672	2164192.167	398.574	CURBSTOP
77102	777421.863	2164192.044	398.198	WM
77105	777418.689	2164269.897	397.11	WM
77106	777420.515	2164269.567	397.335	CURBSTOP
77107	777425.896	2164331.792	396.53	CURBSTOP
77108	777424.129	2164332.308	396.239	WM
77111	777400.024	2164482.362	394.314	WM
77112	777400.874	2164483.617	394.656	CURBSTOP
77113	777398.314	2164485.501	394.81	CURBSTOP
77114	777397.324	2164483.952	394.442	WM
77117	777290.465	2164555.186	391.601	WM
77118	777291.481	2164556.587	391.953	CURBSTOP
77120	777228.727	2164597.038	390.168	WM
77121	777229.329	2164598.227	390.121	CURBSTOP
77122	777224.881	2164600.088	390.249	CURBSTOP

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
77123	777223.535	2164598.787	390.158	WM
77126	777122.83	2164671.492	389.405	WM
77127	777123.339	2164673.017	389.46	CURBSTOP
77128	777117.49	2164676.846	389.33	CURBSTOP
77129	777115.646	2164676.267	389.221	WM
77131	777080.231	2164720.782	390.661	WM
77132	777082.359	2164721.554	390.656	CURBSTOP
77134	777058.798	2164759.412	391.417	FH
77135	777074.962	2164767.964	390.032	WV
77137	776968.054	2164799.469	392.634	CURBSTOP
77138	776965.869	2164799.979	392.669	WM
77141	777153.433	2164713.312	389.769	WM
77142	777152.649	2164711.545	389.817	CURBSTOP
77143	777209.482	2164652.556	388.189	WV
77144	777217.952	2164665.204	389.542	FH
77146	777224.924	2164662.777	389.287	WM
77147	777226.719	2164659.315	389.289	CURBSTOP
77148	777223.862	2164661.177	389.291	CURBSTOP
77151	777344.174	2164582.246	392.374	WM
77152	777342.928	2164580.92	392.74	CURBSTOP
77153	777402.56	2164541.433	394.395	CURBSTOP
77154	777408.263	2164537.318	394.545	CURBSTOP
77155	777409.109	2164538.983	394.079	WM
77156	777403.514	2164543.133	393.939	WM
77159	777497.955	2164405.091	393.365	WV
77160	777518.46	2164395.221	394.017	FH
77161	777514.757	2164438.658	392.719	WV
77162	777514.295	2164442.762	392.615	WV
77163	777518.152	2164443.152	392.435	WV
77164	777518.757	2164439.241	392.447	WV
77218	777203.415	2165097.529	387.048	WV
77219	777185.283	2165116.369	388.571	FH
77235	777241.585	2165095.838	387.998	WM
77237	777240.138	2165097.295	387.999	CURBSTOP
77238	777183.785	2165049.02	388.529	CURBSTOP
77239	777185.166	2165047.898	388.37	WM
77241	777126.039	2164975.29	389.641	WM
77242	777124.398	2164976.217	389.702	CURBSTOP
77244	777092.658	2164890.82	390.399	WM
77245	777090.75	2164891.302	390.454	CURBSTOP
77248	777041.157	2164901.213	390.64	WM
77249	777042.675	2164900.778	390.718	CURBSTOP
77251	777057.866	2164959.471	389.779	WM
77252	777059.175	2164958.44	389.745	CURBSTOP
77257	777083.397	2165007.578	389.603	WM
77258	777084.653	2165006.45	389.692	CURBSTOP
77263	777136.753	2165073.959	388.669	WM
77264	777137.866	2165075.611	388.661	WM
77265	777139.311	2165074.18	388.725	CURBSTOP
77266	777138.255	2165072.581	388.633	CURBSTOP
77272	777238.178	2165157.876	387.967	WM
77273	777239.03	2165156.399	388.21	CURBSTOP
77274	777246.208	2165159.933	388.114	CURBSTOP
77275	777245.217	2165161.412	387.868	WM
77277	777300.845	2165191.985	388.253	WM
77278	777301.647	2165190.236	388.497	CURBSTOP
77284	777335.669	2165276.013	390.093	WM
77285	777337.31	2165276.688	390.558	CURBSTOP
77286	777367.534	2165324.201	391.082	FH
77287	777374.93	2165307.741	389.445	WV
77288	777427.813	2165307.635	390.1	WM
77289	777426.104	2165306.692	390.329	CURBSTOP
77294	777502.225	2165239.114	388.195	WM
77295	777501.933	2165237.299	388.599	CURBSTOP
77296	777415.887	2165191.984	387.843	Wv
77297	777412.343	2165194.061	387.907	Wv
77298	777410.614	2165190.499	387.837	Wv
77304	777322.569	2165143.521	388.418	WM
77305	777319.538	2165142.396	388.403	WM
77306	777318.723	2165144.114	388.828	CURBSTOP
77307	777322.047	2165145.172	388.799	CURBSTOP
77310	777475.601	2165184.093	388.229	WM
77311	777475.452	2165185.795	388.304	CURBSTOP
77320	777554.85	2165186.343	387.311	WM
77321	777554.729	2165187.855	387.353	CURBSTOP
77322	777605.277	2165187.334	387.091	CURBSTOP
77323	777605.202	2165185.547	386.998	WM
77332	777671.731	2165209.932	385.557	WV
77333	777673.804	2165174.516	385.699	WV

Signed by: Jonathan Smitek
2B53976A98B04FA...
NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITEK
12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

WATER SURVEY POINTS - AB

JOB NO. 43398
SHEET NO. ASB10.0

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POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
21266	778754.408	2161344.533	343.25	CASING END_GS
21265	778714.024	2161457.751	343.908	CASING END_TOP PIPE MARKING CASING 6.35 DOWN TO FM TOP
18001	778135.7	2165369.109	370.778	CO
18005	778162.836	2165401.085	370.234	CO
18006	778181.697	2165422.581	369.976	CO
18011	778210.485	2165458.621	369.562	CO
18012	778225.423	2165477.206	369.078	CO
18017	778238.21	2165494.048	368.948	CO
18020	778046.955	2166057.926	369.53	CO
18023	778066.583	2166064.834	369.031	CO
18024	778091.31	2166071.011	368.279	CO
18029	778111.818	2166077.383	367.661	CO
18030	778132.351	2166085.807	366.34	CO
18035	778155.002	2166098.128	365.493	CO
18038	778223.798	2166161.096	361.931	CO
18039	778243.323	2166193.698	361.081	CO
18044	778251.955	2166217.569	360.8	CO
18045	778259.06	2166237.799	360.666	CO
18050	778266.416	2166260.895	360.247	CO
18051	778268.188	2166284.292	360.288	CO
18054	778322.201	2166292.556	360.083	CO
18059	778318.338	2166266.092	360.242	CO
18060	778313.141	2166245.84	360.404	CO
18063	778308.658	2166223.796	360.421	CO
18068	778302.361	2166201.587	360.616	CO
18071	778263.238	2166126.961	361.728	CO
18072	778248.485	2166110.592	362.371	CO
18077	778233.707	2166094.818	362.839	CO
18078	778218.282	2166081.456	363.712	CO
18081	778119.455	2166022.72	368.328	CO
18148	777809.222	2165771.332	380.705	CO
21279	778177.4	2166087.484	364.62	CO
21280	778096.879	2166046.536	367.996	CO
21283	778063.992	2166036.483	369.114	CO
21284	778019.58	2166024.247	369.736	CO
21293	778106.614	2165898.575	365.905	CO
21300	778218.766	2165522.185	368.586	CO
21304	778131.905	2165644.693	365.806	CO
21310	778108.361	2165760.203	363.957	CO
27204	777778.815	2164597.999	389.399	CO
27427	777647.991	2164595.629	388.026	CO
27430	777588.133	2164417.472	392.548	CO
27435	777621.785	2164396.873	392.14	CO
27436	777563.556	2164374.48	392.407	CO
27441	777628.811	2164329.477	392.172	CO
27444	777687.25	2164352.291	392.587	CO
27445	777694.645	2164285.867	392.778	CO
27450	777749.033	2164311.899	392.88	CO
27451	777756	2164245.095	392.537	CO
27454	777815.519	2164266.804	391.958	CO
27642	777852.266	2164787.606	388.994	CO
27643	777806.907	2164779.039	388.334	CO
27644	777779.073	2164755.88	387.474	CO
27651	777663.591	2164832.435	384.068	CO
27658	777705.435	2164741.458	385.257	CO
27661	777738.758	2164680.412	386.799	CO
27665	777660.47	2164941.213	384.788	CO
27691	777637.028	2164798.998	384.93	CO
27694	777646.829	2164763.735	385.162	CO
27695	777608.958	2164646.513	387.572	CO
27756	777469.027	2163960.057	396.68	CO
27768	777478.469	2163775.479	391.893	CO
27771	777483.89	2163705.827	389.199	CO
27840	778307.688	2166352.764	358.952	CO
27846	778273.422	2166199.615	360.732	CO
27847	778257.071	2166177.411	360.866	CO
27853	778233.464	2166141.768	361.708	CO
27867	778350.922	2166107.255	356.2	CO
27933	778412.349	2166636.599	349.559	CO
27934	778418.474	2166644.507	348.984	CO
27986	778106.06	2165333.433	371.549	CO
27992	778148.735	2165385.34	370.695	CO
27994	777510.588	2163719.631	390.1	CO
27999	777509.503	2163729.384	390.392	CO
28521	777449.395	2163699.044	389.364	CO
28527	777444.162	2163775.939	392.169	CO
28538	777887.293	2164576.41	389.165	CO
50093	777503.014	2165573.352	384.774	CO
50098	777562.727	2165515.786	383.903	CO
50099	777594.724	2165471.163	384.058	CO
50102	777627.084	2165382.879	384.557	CO
50107	777631.913	2165304.76	385.664	CO
50108	777691.902	2165290.391	385.606	CO
50113	777690.856	2165352.903	385.014	CO
50114	777674.944	2165438.714	384.164	CO
50119	777655.973	2165484.12	384.092	CO
50121	777648.534	2165497.649	384.011	CO
50124	777590.551	2165574.232	383.939	CO
50125	777561.532	2165601.182	384.068	CO
50139	777867.401	2165190.384	380.263	CO
50144	777888.612	2165192.675	378.979	CO
50145	777908.951	2165199.682	378.973	CO
50150	777925.195	2165204.439	378.271	CO
50157	777954.534	2165215.134	376.685	CO
50158	777994.202	2165235.066	375.171	CO
50163	778012.966	2165246.053	374.074	CO
50164	778026.808	2165256.229	373.667	CO
50176	777977.702	2165279.355	374.807	CO
50181	777952.674	2165268.875	376.263	CO

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
50182	777934.331	2165259.669	377.183	CO
50187	777912.056	2165253.035	378.069	CO
50188	777890.844	2165246.44	379.142	CO
50223	777949.43	2165397.146	374.549	CO
50228	777938.187	2165418.02	375.043	CO
50229	777927.987	2165441.609	375.677	CO
50234	777920.267	2165460.701	376.173	CO
50235	777911.019	2165484.382	377.056	CO
50240	777905.125	2165499.621	377.745	CO
50241	777875.332	2165574.572	380.796	CO
50246	777865.981	2165599.522	381.326	CO
50247	777856.467	2165618.853	381.86	CO
50252	777845.519	2165638.014	382.064	CO
50253	777832.284	2165655.905	382.199	CO
50256	777818.31	2165672.513	382.217	CO
50261	777759.625	2165727.966	381.748	CO
50262	777739.989	2165749.82	381.661	CO
50267	777727.793	2165759.657	381.676	CO
50268	777712.528	2165774.475	381.752	CO
50273	777697.007	2165789.496	382.247	CO
50274	777681.12	2165805.411	382.328	CO
50279	777902.711	2165638.348	382.027	CO
50280	777911.5	2165619.982	381.697	CO
50285	777919.869	2165599.851	380.919	CO
50286	777927.729	2165579.151	380.365	CO
50291	777935.605	2165558.965	379.49	CO
50292	777941.912	2165543.738	378.887	CO
50298	777967.44	2165478.501	375.979	CO
50301	777975.133	2165458.465	375.358	CO
50304	777984.613	2165437.557	374.713	CO
50305	777995.557	2165416.863	373.988	CO
50310	778007.37	2165399.216	373.312	CO
50311	778021.859	2165382.726	373.137	CO
50343	777772.959	2165808.2	380.569	CO
50347	777797.39	2165834.248	379.038	CO
50351	777811.895	2165849.537	378.322	CO
50352	777829.167	2165866.923	377.465	CO
50357	777843.894	2165881.455	376.666	CO
50358	777859.254	2165898.291	375.517	CO
50368	777896.007	2165935.298	373.554	CO
50369	777911.281	2165951.332	372.499	CO
50374	777925.967	2165966.213	372.026	CO
50380	777939.98	2165981.906	371.294	CO
50381	777956.813	2165999.058	370.788	CO
50386	777971.429	2166014.004	370.628	CO
50401	777899.134	2165866.101	375.34	CO
50406	777879.789	2165847.121	376.227	CO
50407	777865.234	2165830.35	377.354	CO
50412	777849.835	2165814.992	378.286	CO
50413	777833.821	2165798.409	379.12	CO
50435	778117.915	2165967.568	367.307	CO
50436	778125.129	2165947.518	366.827	CO
50441	778130.252	2165927.153	366.439	CO
50442	778136.213	2165905.322	366.17	CO
50452	778139.175	2165859.715	365.193	CO
50457	778139.969	2165835.536	364.975	CO
50458	778139.879	2165814.902	364.764	CO
50463	778139.458	2165793.03	364.838	CO
50464	778138.431	2165771.02	364.651	CO
50469	778138.812	2165748.637	364.576	CO
50471	778151.36	2165682.087	365.484	CO
50476	778161.412	2165655.078	366.136	CO
50477	778171.509	2165636.289	366.515	CO
50480	778183.763	2165617.891	366.938	CO
50485	778195.011	2165600.442	367.28	CO
50487	778180.526	2165537.239	368.125	CO
50492	778157.897	2165564.087	367.656	CO
50493	778145.01	2165582.001	367.041	CO
50496	778132.512	2165600.312	366.613	CO
50503	778111.886	2165642.506	365.948	CO
50504	778104.824	2165663.365	365.712	CO
50509	778097.545	2165685.311	365.545	CO
50510	778093.604	2165701.06	365.367	CO
50511	778086.422	2165730.759	365.128	CO
50512	778086.442	2165749.273	364.937	CO
50513	778086.04	2165771.256	364.619	CO
50522	778085.376	2165792.707	364.356	CO
50526	778084.288	2165815.678	364.861	CO
50527	778088.029	2165838.354	364.997	CO
77071	777488.489	2164210.274	397.523	CO
77076	777490.272	2164119.374	398.138	CO
77079	777492.936	2164041.306	397.944	CO
77081	777500.033	2163894.041	395.606	CO
77088	777501.967	2163878.702	395.182	CO
77089	777441.27	2163857.378	394.877	CO
77094	777435.997	2163942.264	396.857	CO
77095	777431.579	2164019.895	398.017	CO
77098	777427.862	2164102.008	398.225	CO
77103	777423.571	2164189.929	398.026	CO
77104	777420.147	2164266.485	396.991	CO
77109	777423.268	2164327.914	396.405	CO
77110	777426.631	2164462.999	394.571	CO
77115	777369.616	2164502.718	394.132	CO
77116	777293.398	2164554.745	391.651	CO
77119	777238.241	2164591.344	390.22	CO
77124	777180.919	2164629.896	389.474	CO
77125	777151.226	2164649.531	389.557	CO
77130	777115.15	2164678.523	389.547	CO
77133	777077.466	2164726.751	390.916	CO
77136	776970.257	2164787.024	392.552	CO
77139	776965.696	2164808.703	392.702	CO

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
77140	777141.581	2164724.42	390.224	CO
77145	777223.127	2164662.967	389.46	CO
77149	777231.364	2164656.919	389.593	CO
77150	777339.9	2164583.434	392.225	CO
77157	777400.947	2164543.545	393.845	CO
77158	777464.656	2164499.616	394.572	CO
77236	777239.154	2165095.195	387.965	CO
77240	777180.606	2165045.179	388.683	CO
77243	777121.577	2164970.8	389.647	CO
77246	777089.902	2164881.9	390.73	CO
77247	777039.38	2164891.445	390.772	CO
77250	777049.918	2164936.499	390.288	CO
77256	777074.422	2164991.662	389.764	CO
77259	777097.542	2165025.416	389.325	CO
77267	777165.528	2165100.669	388.315	CO
77268	777221.932	2165145.067	388.162	CO
77276	777248.822	2165163.596	388.027	CO
77279	777308.306	2165194.126	388.614	CO
77283	777336.212	2165266.512	389.684	CO
77290	777428.884	2165302.574	389.258	CO
77293	777481.439	2165237.585	388.474	CO
77303	777323.701	2165144.811	388.353	CO
77308	777307.414	2165137.738	388.398	CO
77309	777463.312	2165183.936	388.854	CO
77319	777552.293	2165187.441	386.889	CO
77324	777596.554	2165186.319	387.023	CO
77000	777439.37	2163857.483	395.025	CO_20251209
77001	777888.34	2164578.152	389.483	CO_20251209
77002	777932.675	2165261.47	377.19	CO_20251209
77003	777952.354	2165268.951	376.404	CO_20251209
77004	777975.046	2165283.374	375.4	CO_20251209
77005	778099.121	2165683.067	365.401	CO_20251209
77006	778093.622	2165700.892	365.246	CO_20251209
77007	778264.267	2166260.84	360.513	CO_20251209
77008	777492.917	2164041.173	398.081	CO_20251209
77009	777500.327	2163894.256	395.624	CO_20251209
27898	778396.012	2166640.174	349.118	DIP 10 ATBASE
27899	778398.9	2166640.692	349.35	DIP 10-ARV
65930	778757.952	2161340.082	335.935	DIP 12 IN VOUT-EXISTING
27657	777707.371	2164739.304	377.572	DIP 4
27413	777849.379	2164205.644	382.553	DIP 8
27637	777825.149	2164600.256	382.592	DIP 8
27652	777664.913	2164830.715	376.15	DIP 8
27653	777664.76	2164828.998	376.247	DIP 8
27654	777705.975	2164739.876	377.002	DIP 8
27663	777740.997	2164677.514	380.469	DIP 8
27666	777660.354	2164939.792	375.097	DIP 8
27667	777660.274	2164937.767	375.249	DIP 8
27767	777478.789	2163771.699	383.305	DIP 8
27772	777483.962	2163703.988	383.619	DIP 8
27841	778308.789	2166349.652	341.908	DIP 8
27842	778308.53	2166351.574	341.856	DIP 8
27843	778272.637	2166198.191	342.844	DIP 8
27844	778272.154	2166196.218	342.866	DIP 8
27848	778256.465	2166176.436	343.012	DIP 8
27849	778256.593	2166174.813	343.063	DIP 8
27850	778254.9394	2166174.423	346.352	DIP 8
27854	778232.439	2166140.643	350.418	DIP 8
27855	778231.279	2166139.005	350.734	DIP 8
27866	778351.753	2166106.468	344.015	DIP 8
27868	778353.594	2166105.571	344.083	DIP 8
27882	778249.865	2166455.582	341.351	DIP 8
27883	778250.635	2166457.154	341.172	DIP 8
27885	778314.513	2166536.965	339.982	DIP 8
27886	778315.45	2166538.716	339.896	DIP 8
70372	778255.458	2166174.6	343.408	DROP DOWN MH IN BTM INV
32023	778395.103	2166614.731	355.503	EC15 B_TOP DIESEL GENERATOR
32012	778402.045	2166669.448	348.653	EC56= TPAD
32022	778405.774	2166607.561	349.813	ELEC CABINET
10098	778685.359	2161537.454	339.373	FM 8
27892	778384.91	2166625.152	329.097	INV UNDER VER DIP 8
77037	777504.699	2164438.287	380.179	PVC 10 INV IN
27094	778516.923	2166054.421	347.342	PVC 12
27888	778367.681	2166606.891	333.803	PVC 12
27889	778368.771	2166608.294	331.502	PVC 12
27891	778383.525	2166623.771	329.198	PVC 12
27985	778515	2166054.938	345.136	PVC 12
65929	778756.014	2161340.226	336.315	PVC 12 IN-EXISTING
32093	778368.781	2166608.469	331.485	PVC 12-CHECK
32094	778383.478	2166623.979	329.136	PVC 12-CHECK
101280	777759.965	2165756.942	373.883	PVC 4
10093	778612.757	2161587.749	338.123	PVC 8
10097	778686.198	2161537.087	337.444	PVC 8
10099	778686.354	2161536.729	337.309	PVC 8
10103	778754.7797	2161342.335	332.235	PVC 8
27655	777705.973	2164738.032	377.006	PVC 8
27656	777706.868	2164738.042	378.747	PVC 8
27662	777739.626	2164678.882	380.266	PVC 8
27758	777469.07	2163958.095	382.083	PVC 8
27759	777469.35	2163956.091	382.254	PVC 8
27766	777478.675	2163773.734	383.115	PVC 8
101253	778175.244	2166085.749	351.371	PVC 8
101254	778176.215	2166086.745	351.146	PVC 8
101256	778094.001	2166045.889	352.65	PVC 8
101257	778095.252	2166046.431	352.269	PVC 8
101259	778061.031	2166035.932	353.453	PVC 8
101260	778062.464	2166036.26	353.151	PVC 8
101261	778061.44	2166035.527	353.957	PVC 8
101263	778106.758	2165897.328	354.796	PVC 8
101264	778107.285	2165896.467	354.986	PVC 8
101266	778108.304	2165758.542	355.795	PVC 8
101267	778108.193	2165757.811	356.595	PVC 8
101269	778132.106	2165643.641	357.197	PVC 8

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
101270	778132.558	2165642.352	357.372	PVC 8
101272	778220.646	2165519.869	359.711	PVC 8
101273	778220.434	2165520.675	358.242	PVC 8
101275	778017.997	2166023.852	357.559	PVC 8
101276	778017.013	2166023.841	358.596	PVC 8
101278	777760.762	2165758.009	373.42	PVC 8
101279	777759.57	2165757.691	373.535	PVC 8
101282	777693.616	2165821.119	375.994	PVC 8
101284	777828.274	2165691.518	371.564	PVC 8
101286	777884.543	2165611.431	370.088	PVC 8
101287	777884.771	2165610.969	368.827	PVC 8
101289	777961.528	2165413.869	362.899	PVC 8
101290	777960.747	2165414.984	363.045	PVC 8
101292	778048.799	2165313.837	363.268	PVC 8
101293	778049.203	2165313.905	361.459	PVC 8
101294	778048.783	2165314.447	361.585	PVC 8
101296	778033.118	2165299.499	365.211	PVC 8
101297	778032.388	2165298.856	365.316	PVC 8
101299	777970.01	2165257.654	366.977	PVC 8
101300	777970.921	2165258.395	366.634	PVC 8
101302	777890.893	2165222.902	368.301	PVC 8
101303	777892.326	2165223.408	368.051	PVC 8
101305	777805.641	2165215.02	371.71	PVC 8
101306	777807.037	2165215.026	371.345	PVC 8
101313	777662.698	2165352.06	374.146	PVC 8
101314	777662.844	2165353.366	374.405	PVC 8
101316	777642.164	2165452.298	375.316	PVC 8
101317	777641.812	2165453.262	375.56	PVC 8
101319	777585.005	2165536.761	376.955	PVC 8
101320	777583.979	2165537.83	377.286	PVC 8
101322	777469.281	2165649.21	378.574	PVC 8
77011	777455.27	2164264.146	380.351	PVC 8 IN VIN
77018	777466.127	2164357.715	379.581	PVC 8 IN VIN
77035	777502.89	2164439.115	378.844	PVC 8 IN VIN
77036	777503.368	2164438.013	378.858	PVC 8 IN VIN
77046	777226.897	2164623.615	380.89	PVC 8 IN VIN
77064	777137.152	2164681.727	382.56	PVC 8 IN VIN
77254	777082.531	2164966.532	381.287	PVC 8 IN VIN
77260	777143.172	2165049.529	380.499	PVC 8 IN VIN
77261	777144.173	2165051.278	380.377	PVC 8 IN VIN
77270	777233.699	2165130.565	379.735	PVC 8 IN VIN
77281	777319.417	2165175.134	379.164	PVC 8 IN VIN
77300	777399.646	2165204.934	380.004	PVC 8 IN VIN
77301	777399.187	2165204.017	378.412	PVC 8 IN VIN
77335	777663.774	2165217.776	372.514	PVC 8 IN VIN
77336	777663.148	2165216.81	372.497	PVC 8 IN VIN
77337	777663.934	2165215.849	372.454	PVC 8 IN VIN
77012	777455.077	2164266.081	380.201	PVC 8 IN VOUT
77017	777466.627	2164359.608	379.511	PVC 8 IN VOUT
77034	777504.426	2164439.627	378.813	PVC 8 IN VOUT
77045	777228.659	2164622.569	380.797	PVC 8 IN VOUT
77063	777138.819	2164680.544	382.014	PVC 8 IN VOUT
77253	777083.287	2164968.328	381.194	PVC 8 IN VOUT
77269	777235.47	2165131.946	379.676	PVC 8 IN VOUT
77280	777321.358	2165175.962	379.102	PVC 8 IN VOUT
77302	777401.154	2165204.175	378.218	PVC 8 IN VOUT
77317	777525.714	2165217.369	377.334	PVC 8 IN VOUT
77318	777523.71	2165217.564	377.494	PVC 8 IN VOUT
77334	777665.186	2165216.811	372.384	PVC 8 IN VOUT
77065	777095.61	2164734.815	384.42	PVC 8 IN VOUT ONLY
77067	777018.123	2164802.887	382.406	PVC 8 IN VOUT ONLY
77292	777381.56	2165273.144	383.853	PVC 8 IN VOUT ONLY
10095	778611.87	2161588.134	348.393	SMH
10100	778686.583	2161537.191	347.944	SMH
10104	778756.778	2161340.349	347.059	SMH
21278	778175.444	2166085.939	364.697	SMH
21281	778094.499	2166046.001	368.03	SMH
21282	778061.567	2166036.14	369.147	SMH
21285	778017.333	2166023.921	369.752	SMH
21292	778107.371	2165896.347	365.869	SMH
21303	778132.446	2165642.634	365.832	SMH
21311	778108.217	2165757.663	364.019	SMH
27095	778516.033	2166054.54	353.226	SMH
27650	777664.331	2164829.961	384.017	SMH
27659	777706.493	2164738.876	385.331	SMH
27660	777740.311	2164678.188	386.826	SMH
27664	777660.37	2164938.865	384.762	SMH
27757	777469.297	2163957.157	396.644	SMH
27769	777478.776	2163772.723	391.832	SMH
27770	777483.972	2163703.329	389.136	SMH
27839	778308.997	2166350.696	358.988	SMH
27845	778272.476	2166197.066	360.732	SMH
27851	778255.929	2166175.494	360.896	SMH
27852	778231.976	2166139.783	361.764	SMH
27869	778352.775	2166105.985	356.158	SMH
27881	778249.862	2166456.815	348.084	SMH
27884	778314.82	2166537.868	347.877	SMH
27887	778368.102	2166607.934	349.321	SMH
27890	778384.334	2166624.278	349.326	SMH
77013	777454.827	2164265.024	396.966	SMH
77019	777466.65	2164358.536	395.312	SMH
77038	777503.866	2164438.735	393.317	SMH
77044	777227.763	2164623.022	388.985	SMH
77062	777137.967	2164680.985	388.696	SMH
77066	777095.137	2164735.566	390.005	SMH
77068	777017.672	2164802.185	391.321	SMH
77255	777082.92	2164967.331	389.264	SMH
77262	777143.777	2165050.237	388.289	SMH
77271	777234.229	2165131.262	386.935	SMH
77282	777320.509	2165175.492	387.993	SMH
77291	777381.271	2165274.23	389.858	SMH
77299	777400.246	2165204.002	388.585	SMH

POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
77316	777524.614	2165217.452	387.319	SMH
77345	777660.655	2164938.516	384.746	SMH
77080	777469.593	2163957.194	396.926	SMH_BOLTED LID
101271	778220.688	2165520.236	368.408	SSMH RIM
101277	777759.97	2165757.363	380.964	SSMH RIM
101281	777693.156	2165821.932	381.757	SSMH RIM
101283	777827.762	2165692.338	381.632	SSMH RIM
101285	777884.751	2165610.962	381.031	SSMH RIM
101288	777960.765	2165414.488	374.023	SSMH RIM
101291	778049.257	2165314.086	372.053	SSMH RIM
101295	778032.732	2165299.064	372.438	SSMH RIM
101298	777970.414	2165257.903	375.242	SSMH RIM
101301	777891.343	2165223.04	378.869	SSMH RIM
101304	777806.099	2165215.024	382.774	SSMH RIM
101307	777663.915	2165216.67	385.741	SSMH RIM
101312	777662.509	2165352.974	384.527	SSMH RIM
101315	777642.389	2165453.026	383.681	SSMH RIM
101318	777584.515	2165537.541	383.528	SSMH RIM
101321	777468.765	2165649.951	385.917	SSMH RIM
101246	778308.899	2166350.813	359.133	SSMH RIM
27896	778394.112	2166625.499	351.824	TOP 90 DIP 4
27897	778395.416	2166604.979	352.279	TOP 90 DIP 4
27895	778387.232	2166623.273	352.555	TOP 90 DIP 8
27904	778384.555	2166640.019	345.592	TOP KEY
27905	778389.932	2166639.183	345.826	TOP KEY
27906	778391.197	2166637.792	345.836	TOP KEY
27907	778390.897	2166635.237	345.846	TOP KEY
27893	778385.343	2166624.244	343.165	TOP PIPE90
27915	778400.543	2166612.013	349.991	VAULT
10094	778610.419	2161591.251	348.379	VERTICAL 8" PVC
10096	778689.405	2161537.104	346.791	VERTICAL 8" PVC
10102	778755.63	2161343.255	345.466	VERTICAL 8" PVC
27900	778389.925	2166639.224	349.034	VW-TOP RIM
27901	778391.078	2166637.769	349.137	VW-TOP RIM
27902	778390.811	2166635.462	349.179	VW-TOP RIM
27903	778384.528	2166640.114	348.827	VW-TOP RIM

Signed by:
Jonathan Smitter
2B53D1A8A2E74F8...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITTER

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
03-27-2024	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPPING

DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
P. BARBEAU

SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

SANITARY SEWER SURVEY POINTS - AB

JOB NO.
43398

SHEET NO.
ASB10.1

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S:\032\43398-Wheeler_Tract\DWG\Sheet\ASBUILT\CAD\Survey Points\43398C-C2-10-PROF.dwg | Plotted on 12/16/2025 3:38 PM | by Christopher Hair

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POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
18084	778234.626	2165507.159	368.631	CB RIM
18085	778234.256	2165507.497	367.954	CB THROAT
18086	778232.764	2165508.792	368.159	CB GRATE@EP
18087	778232.493	2165507.525	365.228	RCP 15
18090	778195.011	2165500.075	362.923	RCP 30
18091	778195.587	2165501.611	368.921	CB RIM
18092	778195.969	2165501.292	368.263	CB THROAT
18093	778197.371	2165500.007	368.538	CB GRATE@EP
18094	778252.119	2165564.799	364.341	RCP 15
18095	778250.841	2165565.932	364.227	RCP 15
18096	778269.167	2165548.659	364.519	RCP 15
18097	778203.371	2165568.292	362.282	RCP 30
18098	778204.597	2165569.895	363.332	RCP 15
18099	778202.473	2165571.151	362.19	RCP 30
18101	778141.667	2165676.442	360.113	RCP 30
18102	778140.384	2165675.853	361.349	RCP 18
18103	778139.891	2165680.595	359.798	RCP 30
18104	778103.453	2165720.153	360.063	RCP 18
18105	778103.066	2165719.174	360.105	RCP 15
18106	778127.197	2165742.954	359.039	RCP 30
18107	778127.512	2165741.568	359.454	RCP 18
18108	778126.782	2165740.038	359.248	RCP 30
18109	778178.342	2165724.758	360.294	RCP 18
18111	778125.824	2165778.608	358.406	RCP 30
18112	778126.137	2165775.834	358.674	RCP 30
18113	778100.522	2165771.519	358.897	RCP 18
18114	778100.757	2165773.698	358.827	RCP 18
18115	778101.135	2165776.662	358.827	RCP 18
18116	778101.542	2165777.701	358.683	RCP 18
18117	778000.681	2165700.515	360.673	RCP 15
18118	777999.653	2165699.32	360.797	RCP 15
18119	778043.652	2165577.163	361.865	RCP 15
18120	778227.255	2166145.038	356.141	RCP 15
18121	778228.584	2166144.065	356.007	RCP 15
18122	778168.797	2166149.398	356.906	RCP 15
18123	778114.439	2166037.748	356.845	RCP 36
18124	778111.69	2166036.646	356.891	RCP 36
18125	778184.552	2166069.874	356.45	RCP 36
18126	778186.628	2166071.275	356.402	RCP 36
18127	778258.012	2166141.878	354.441	RCP 36
18128	778258.079	2166143.43	355.64	RCP 15
18129	778277.663	2166176.969	352.971	RCP 36
18130	778377.157	2166130.703	351.731	RCP 15
18131	778259.582	2166144.549	354.159	RCP 36
18132	778285.33	2166295.038	353.551	RCP 15
18133	778443.757	2166319.302	351.92	RCP 15
18134	778308.725	2166292.891	350.857	RCP 15
18135	778310.519	2166290.751	349.414	RCP 36
18137	778311.12	2166293.691	349.359	RCP 36
18138	778342.021	2166366.334	348.686	RCP 36
18139	778343.387	2166367.343	350.359	RCP 15
18140	778340.222	2166369.557	347.861	RCP 30
18141	778341.836	2166369.804	347.702	RCP 36
18178	778256.298	2166174.904	360.744	BOX HAS WATER
18180	778352.696	2166106.879	355.824	BOX HAS WATER
18601	777552.31	2164428.296	392.433	CB
18602	777552.022	2164427.868	391.809	FLOW
18603	777552.151	2164425.343	392.163	EP
18604	777549.633	2164427.075	392.179	EP
18606	777621.066	2164381.536	391.229	FLOW
18607	777621.256	2164379.006	391.574	EP
18608	777618.755	2164380.721	391.577	EP
18609	777610.041	2164360.179	391.635	EP
18610	777607.523	2164361.879	391.609	EP
18611	777607.687	2164359.382	391.29	FLOW
18620	777320.37	2164271.508	395.76	WEIR
18621	777320.25	2164269.332	396.53	EC52 B
18622	777316.222	2164269.444	396.418	EC52
18623	777316.289	2164273.312	396.423	EC52 X
18624	777318.358	2164270.96	397.097	DMH
18625	777318.376	2164270.353	389.623	RCP 15
18626	777318.374	2164271.737	389.617	RCP 15
18632	777316.805	2164189.672	390.872	HDPE 12
18634	777321.08	2164102.449	395.732	CL DI 2.1 DIA
18637	777321.06	2164102.496	391.772	HDPE 12 FLOW
18638	777324.619	2164021.943	396.27	CL DI 2.1 DIA
18639	777324.696	2164021.937	392.758	HDPE 12
18640	777444.566	2164340.547	387.564	RCP 15
21270	778126.641	2165777.61	363.815	CB
21271	778124.152	2165777.683	358.583	RCP 18
21272	778125.588	2165891.927	365.838	CB
21273	778125.017	2165891.806	365.226	THROAT
21274	778099.807	2165883.772	365.146	THROAT
21275	778099.24	2165883.807	365.756	CB
21276	778279.333	2166176.949	351.714	RCP 15
21277	778278.64	2166179.176	350.434	RCP 36
21289	778095.086	2165996.535	367.965	CB
21290	778079.307	2165889.831	366.624	CB
21294	778122.992	2165892.591	361.207	RCP 15
21295	778124.974	2165890.35	357.738	RCP 30
21296	778124.723	2165893.181	357.673	RCP 30
21297	778250.803	2165566.203	367.507	CB
21298	778270.51	2165547.428	367.509	CB
21301	778203.945	2165570.278	367.626	CB
21302	778137.406	2165617.084	366.49	CB
21305	778141.1	2165677.413	365.547	CB
21306	778103.03	2165719.147	364.747	CB
21307	778127.721	2165741.517	364.44	CB
21308	778099.589	2165777.647	363.97	CB
21309	778099.477	2165772.125	363.95	CB
21312	778138.798	2165433.002	370.338	CB
21313	778092.961	2165335.376	371.265	CB
21315	778138.973	2165431.578	363.872	RCP 24
21316	778140.08	2165433.189	363.57	RCP 30
21317	778139.35	2165432.67	364.533	RCP 18
21318	777644.504	2164609.798	387.247	CB
21319	777643.304	2164609.245	375.059	RCP 36
21320	777645.151	2164611.511	374.908	RCP 36
21321	777643.098	2164611.985	381.38	RCP 15

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
21322	777618.357	2164633.247	387.263	CB
21323	777619.856	2164631.932	383.026	RCP 15
21324	777680.448	2164847.947	377.302	RCP 15
21325	778223.122	2164129.141	389.82	CB
21326	778243.989	2164106.48	389.702	CB
21327	777110.944	2164541.904	385.389	RCP 24
21328	776986.106	2165091.728	385.539	RCP 18
21329	777239.131	2165143.017	387.584	CB
21330	777240.019	2165141.76	384.549	RCP 15
27414	777620.295	2164380.172	386.175	RCP 15
27415	777619.93	2164381.849	385.984	RCP 15
27416	777608.226	2164360.181	386.946	RCP 15
27417	777542.799	2164238.184	384.116	RCP 18
27418	777544.419	2164237.166	384.396	RCP 18
27419	777614.319	2164189.846	385.196	RCP 18
27420	777610.887	2164192.351	385.038	RCP 18
27421	777611.71	2164189.488	385.234	RCP 18
27422	777616.168	2164113.437	385.639	RCP 18
27423	777677.389	2164148.366	386.489	RCP 18
27424	777553.415	2164426.537	385.393	RCP 15
27425	777551.408	2164426.124	376.5	RCP 36
27426	777551.112	2164429.041	376.495	RCP 36
27546	777756.043	2164733.756	371.57	RCP 36
27547	777757.111	2164733.917	371.14	RCP 36
27548	777755.899	2164734.71	371.177	RCP 36
27549	777680.264	2164846.542	371.948	RCP 36
27550	777679.921	2164848.964	371.98	RCP 30
27551	777680.229	2164847.958	383.994	CB
27552	777678.524	2164848.615	377.984	RCP 15
27553	777648.38	2164843.068	380.105	RCP 15
27554	777646.292	2164842.452	384.284	CB
27555	777757.651	2164733.927	386.233	CB
27556	777814.592	2164619.402	388.968	CB
27557	777814.078	2164619.182	377.42	RCP 18
27558	777813.261	2164617.745	377.508	RCP 18
27559	777776.853	2164616.575	378.037	RCP 18
27560	777775.228	2164616.422	388.504	CB
27561	777682.516	2164641.139	386.742	CB
27562	777683.515	2164642.156	372.856	RCP 36
27563	777681.435	2164641.36	373.307	RCP 36
27564	777544.088	2164469.428	392.215	CB
27565	777544.357	2164470.692	376.08	RCP 36
27566	777542.892	2164468.651	376.203	RCP 30
27567	777542.057	2164470.466	382.206	RCP 24
27568	777516.922	2164488.041	384.128	RCP 24
27569	777514.905	2164487.879	384.231	RCP 18
27570	777515.082	2164489.243	392.248	CB
27638	777851.528	2164707.535	387.824	CB
27639	777851.08	2164706.06	374.813	RCP 15
27640	777850.488	2164707.656	370.643	RCP 48
27641	777851.472	2164707.496	370.443	RCP 48
27645	777708.722	2164844.911	384.169	CB
27646	777707.547	2164843.5	379.298	RCP15
27668	777676.619	2164918.092	384.745	CB
27669	777674.114	2164918.165	378.24	RCP 15
27670	777675.777	2164916.477	372.372	RCP 30
27671	777675.867	2164919.686	372.561	RCP 30
27672	777643.294	2164917.714	378.892	RCP 15
27673	777641.704	2164917.749	384.721	CB
27674	777619.337	2165021.871	378.911	RCP 48
27675	777619.685	2165015.784	378.931	RCP 48
27676	777616.613	2165009.217	382.266	RET15 B
27677	777616.964	2165008.919	382.285	RET15
27678	777620.276	2165012.578	383.717	RET15
27679	777619.667	2165012.635	383.674	RET15 E
27680	777619.758	2165013.011	384.82	RET16 B
27681	777620.259	2165012.749	384.854	RET16
27682	777619.815	2165024.889	384.818	RET16
27683	777619.529	2165025.733	384.809	RET16
27684	777619.007	2165025.64	384.808	RET16 E
27685	777619.014	2165025.728	383.512	RET17 B
27686	777619.545	2165025.871	383.622	RET17
27687	777615.999	2165029.253	382.134	RET17
27688	777615.645	2165028.897	382.084	RET17 E
27698	777644.871	2163665.013	387.107	RCP 18
27699	777981.633	2164744.245	373.096	RET21 B
27700	777981.865	2164744.644	373.109	RET21
27701	777977.843	2164746.845	374.42	RET21
27702	777978.015	2164746.253	374.315	RET21 E
27703	777977.528	2164746.19	375.463	RET22 B
27704	777977.86	2164746.256	375.466	RET22
27705	777976.044	2164752.589	375.502	RET22 X
27706	777976.107	2164752.722	374.347	RET23 B
27707	777976.316	2164752.158	374.45	RET23
27708	777978.334	2164756.28	373.168	RET23
27709	777977.939	2164756.503	373.179	RET23 E
27710	777977.453	2164749.258	369.926	RCP 48
27711	778124.07	2164653.524	373.266	RET24 B
27712	778124.015	2164653.165	373.27	RET24
27713	778128.116	2164652.68	374.468	RET24
27714	778128.611	2164653.032	374.562	RET24 E
27715	778128.285	2164652.659	375.622	RET25 B
27716	778128.478	2164652.422	375.622	RET25
27717	778133.738	2164656.399	375.631	RET25
27718	778133.604	2164656.614	375.62	RET25 E
27719	778133.064	2164656.394	374.559	RET26 B
27720	778133.537	2164656.781	374.451	RET26
27721	778134.222	2164660.917	373.271	RET26
27722	778133.85	2164660.993	373.269	RET26 E
27726	778066.883	2164964.364	372.938	EC20 B
27727	778067.082	2164957.647	372.972	EC20
27728	778071.52	2164957.724	372.955	EC20
27729	778071.527	2164957.673	371.898	EC20
27730	778075.357	2164957.834	371.887	EC20
27731	778075.375	2164957.865	372.952	EC20
27732	778073.408	2164957.806	371.902	WEIR
27733	778073.614	2164958.521	369.946	PVC 4
27734	778079.836	2164958.017	372.969	EC20
27735	778079.582	2164964.785	372.932	EC20 C

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
27736	778077.339	2164963.964	369.773	RCP 30
27737	778073.11	2164963.821	369.781	RCP 30
27738	778068.955	2164963.629	369.847	RCP 30
27739	778069.168	2165007.723	372.047	RET27 B
27740	778069.513	2165008.019	372.065	RET27
27741	778071.982	2165004.717	372.919	RET27 X
27742	778071.844	2165004.087	374.193	RET28 B
27743	778072.092	2165004.609	374.186	RET28
27744	778073.183	2165004.233	374.183	RET28
27745	778078.52	2165003.517	374.223	RET28
27746	778081.73	2165003.052	374.226	RET28 PC
27747	778083.847	2165003.024	374.234	RET28
27748	778085.492	2165002.825	374.22	RET28 PT
27749	778085.574	2165002.26	374.227	RET28 E
27750	778089.259	2165004.971	372.047	RET29 B
27751	778088.957	2165005.362	371.994	RET29
27752	778085.621	2165002.853	372.888	RET29 E
27753	778083.458	2165003.35	369.488	RCP 30
27754	778078.893	2165003.893	369.452	RCP 30
27755	778074.877	2165004.633	369.473	RCP 30
27760	777491.875	2163805.72	385.943	RCP 15
27761	777493.36	2163804.353	380.944	RCP 24
27762	777493.345	2163807.176	380.858	RCP 24
27763	777493.996	2163805.707	393.027	CB
27764	777461.876	2163783.663	388.152	RCP 15
27765	777459.788	2163783.571	392.367	CB
27773	777509.039	2163636.979	382.384	RCP 15
27774	777509.893	2163638.532	381.904	RCP 24
27775	777510.735	2163636.128	382.023	RCP 18
27776	777510.969	2163637.415	381.911	RCP 18
27777	777511.177	2163637.403	386.87	CB
27778	777481.875	2163614.43	382.711	RCP 15
27779	777480.031	2163614.07	386.274	CB
27780	777520.089	2163595.446	386.002	CB FULL OF DIRT
27781	777693.324	2164956.789	385.26	RET30 B
27782	777694.275	2164956.829	385.276	RET30
27783	777694.28	2164985.264	385.269	RET30
27784	777694.284	2164985.39	385.606	RET30
27785	777694.235	2164986.035	385.606	RET30
27786	777694.205	2164986.084	385.934	RET30
27787	777694.152	2165013.255	385.907	RET30
27788	777694.079	2165023.618	385.922	RET30
27789	777693.933	2165051.61	385.909	RET30
27790	777693.879	2165068.86	385.874	RET30
27791	777693.022	2165068.845	385.834	RET30 E
27792	777696.441	2165027.173	378.396	RCP 48
27793	777696.406	2165019.214	378.479	RCP 48
27794	776814.241	2164909.163	395.263	CB
27795	776814.108	2164910.812	390.496	RCP 24
27796	776892.482	2165038.745	390.12	RCP 15
27797	776892.832	2165036.718	389.691	RCP 24
27798	776894.05	2165039.06	389.633	RCP 24
27799	776847.529	2165070.676	391.709	RCP 15
27800	776893.661	2165037.644	393.483	CB
27801	776952.11	2165116.86	388.454	RCP 24
27802	776953.353	2165117.576	393.734	CB
27803	776953.867	2165119.097	389.021	RCP 24
27804	777016.16	2165193.719	388.611	RCP 24
27805	777017.967	2165195.842	388.545	RCP 24
27806	777017.591	2165194.613	393.78	CB
27807	777072.323	2165259.748	393.484	CB
27808	777071.009	2165259.025	388.253	RCP 24
27809	777072.897	2165261.131	388.078	RCP 24
27810	777131.247	2165328.871	392.954	CB
27811	777129.923	2165328.213	387.514	RCP 24
27812	777131.696	2165330.222	387.339	RCP 24
27813	777130.374	2165330.494	388.497	RCP 18
27814	777090.167	2165366.47	389.958	RCP 18
27816	777105.306	2165229.095	383.173	RCP 15
27821	777206.984	2165336.533	381.768	RCP 18
27822	777205.991	2165335.49	381.881	RCP 15
27823	777235.393	2165451.265	392.138	CB
27824	777233.978	2165450.549	386.516	RCP 24
27825	777235.816	2165452.553	386.331	RCP 24
27827	777367.779	2165599.566	384.75	RCP 24
27828	777369.462	2165601.499	384.611	RCP 24
27829	777369	2165600.114	389.128	CB
27831	777506.802	2165745.913	385.493	CB
27832	777507.515	2165747.47	381.018	RCP 24
27833	777505.663	2165745.474	381.08	RCP 24
27837	777505.028	2165381.937	378.872	RCP 24
27838	777506.31	2165381.141	378.844	RCP 24
27856	778113.012	2166036.966	367.722	CB
27857	778112.794	2166037.491	367.194	CB THROAT
27858	778184.979	2166070.822	364.175	CB THROAT
27859	778185.203	2166070.274	364.768	CB
27860	778226.956	2166145.463	362.032	CB
27861	778227.338	2166145.016	361.444	CB THROAT
27862	778258.728	2166143.329	360.892	CB THROAT
27863	778259.067	2166142.814	361.521	CB
27864	778378.666	2166129.763	355.523	CB
27865	778378.246	2166130.09	354.904	CB THROAT
27870	778278.869	2166177.45	360.932	CB
27871	778278.333	2166177.752	360.344	CB THROAT
27872	778284.57	2166295.28	358.953	CB THROAT
27873	778284.024	2166295.366	359.575	CB
27874	778310.952	2166292.287	359.781	CB
27875	778310.388	2166292.45	359.191	CB THROAT
27876	778342.353	2166368.335	357.517	CB THROAT
27877	778342.778	2166368.657	358.138	CB
27878	778444.955	2166318.948	355.453	CB
27879	778444.465	2166319.056	354.791	CB THROAT
27880	778245.01	2166388.809	348.441	RCP 30
27941	778376.956	2166690.553	341.71	RCP 24 FES
27942	778309.238	2166605.08	343.086	RCP 24 FES
27947	778350.115	2166473.456	351.389	DMH
27948	778350.166	2166472.505	346.259	RCP 36
27949	778351.151	2166473.373	345.86	RCP 36
27950	778404.227	2166476.745	349.743	RET51 B

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
27951	778404.715	2166476.533	349.734	RET51
27952	778404.732	2166472.052	349.706	RET51
27953	778404.391	2166471.803	349.683	RET51
27954	778404.213	2166472.217	349.738	RET51
27955	778404.152	2166474.214	349.737	RET51
27956	778404.181	2166476.252	349.762	RET51 C
27957	778405.25	2166474.115	344.924	RCP 36
27958	778405.652	2166477.81	348.34	WING WALL IN WATER
27959	778405.743	2166470.763	348.265	WING WALL IN WATER
27960	778524.46	2166598.291	344.258	RET52 B
27961	778524.092	2166598.17	344.271	RET52
27962	778526.256	2166594.579	345.42	RET52
27963	778526.777	2166594.359	345.5	RET52 E
27964	778526.31	2166594.367	346.54	RET53 B
27965	778526.361	2166594.077	346.469	RET53
27966	778532.446	2166592.084	346.495	RET53
27967	778532.62	2166592.524	346.595	RET53 E
27968	778532.133	2166592.803	345.53	RET54 B
27969	778532.7	2166592.665	345.426	RET54
27970	778536.319	2166594.722	344.292	RET54
27971	778536.163	2166595.063	344.293	RET54 E
27972	778529.821	2166593.879	340.906	RCP
27973	777837.07	2166088.952	375.115	RCP 24
27974	777786.433	2166024.625	375.53	RCP 24
27975	777785.847	2166023.073	379.582	CB
27976	777784.849	2166022.982	375.659	RCP 24
27977	777649.422	2165890.087	377.885	RCP 24
27978	777647.869	2165887.922	378.115	RCP 24
27979	777649.329	2165888.37	382.745	CB
27993	777518.299	2163596.275	382.455	RCP 18
28000	777777.994	2163616.451	390.905	CB
28001	777779.48	2163616.069	387.407	RCP 15
28501	777776.703	2163615.616	387.028	RCP 15
28502	777965.487	2163654.712	395.097	CB
28503	777964.522	2163653.681	391.726	RCP 15
28504	777966.99	2163653.955	391.798	RCP 15
28505	777992.324	2163659.822	392.075	RCP 15
28506	777994.806	2163659.001	394.152	DI NO GRATE
28507	777580.398	2163576.07	386.937	CB
28508	777581.643	2163575.415	383.441	RCP 15
28509	777579.133	2163575.156	383.393	RCP 15
28510	777429.682	2163556.381	381.63	RCP 15
28511	777427.019	2163555.818	381.543	RCP 15
28512	777428.152	2163556.913	385.314	CB
28513	777379.681	2163546.198	380.437	RCP 15
28514	777378.272	2163546.509	384.645	CB
28515	777376.918	2163545.742	380.382	RCP 15
28516	777378.128	2163544.517	380.263	RCP 30
28517	777327.488	2163530.165	381.365	RCP 15
28518	777328.155	2163530.592	383.549	DI NO GRATE
28519	777389.854	2163491.592	379.809	RCP 30
28520	777389.251	2163489.236	385.267	CB
28524	777366.812	2163575.741	380.891	RCP 15
28525	777367.886	2163576.195	383.202	DI NO GRATE
28526	777377.933	2163545.96	380.806	RCP 15
30867	778495.498	2166461.869	349.027	EC1 B
30868	778488.818	2166463.767	349	EC1
30869	778491.981	2166462.199	341.787	RCP 48
30870	778487.074	2166457.207	349.02	EC1 X
30871	778490.192	2166456.659	341.899	PVC 4
31000	777185.865	2164671.391	384.402	RCP 24
31001	777187.802	2164671.361	384.814	RCP 18
31002	777185.531	2164672.938	384.335	RCP 30
31014	777675.521	2164856.678	383.667	WV
31015	777675.273	2164856.63	376.294	TOP KEY
32026	778246.754	2166390.33	352.904	EC6 B
32027	778245.94	2166386.444	352.768	EC6
32028	778242.055	2166387.261	352.938	EC6 X
32029	778246.418	2166388.277	351.974	CL WEIR
32030	778244.01	2166389.109	353.603	DMH
32031	778166.125	2166147.528	360.013	EC7 B
32032	778170.151	2166147.415	360.133	EC7
32033	778170.169	2166151.536	360.105	EC7 X
32034	778170.607	2166149.539	359.099	CL WEIR
32035	778168.246	2166149.836	360.735	DMH
32037	778124.722	2165892.32	360.947	RCP 15
32038	778187.179	2165899.665	364.844	EC8 B
32039	778183.293	2165899.006	364.766	EC8
32040	778182.648	2165902.956	364.732	EC8 X
32041	778186.882	2165901.546	363.899	CL WEIR
32042	778185.169	2165901.364	365.483	DMH
32043	778180.508	2165722.278	363.764	EC9 B
32044	778181.517	2165726.128	363.698	EC9
32045	778177.643	2165727.154	363.648	EC9 X
32046	778177.199	2165725.33	362.851	CL WEIR
32047	778179.482	2165724.612	364.389	DMH
32048	777925.871	2165883.319	372.471	EC10 B
32049	777924.528	2165879.479	372.419	EC10
32050	777928.386	2165878.231	372.427	EC10 X
32051	777928.053	2165883.064	371.33	CL WEIR
32052	777926.763	2165880.619	373.144	DMH
32053	777996.96	2165701.661	363.678	EC11 B
32054	778000.801	2165702.719	363.638	EC11
32055	778001.804	2165698.785	363.633	EC11 X
32056	778000.01	2165698.171	362.771	CL WEIR
32057	777999.316	2165700.649	364.359	DMH
32058	778046.419	2165575.352	364.974	EC12 B
32059	778044.971	2165579.028	365.026	EC12
32060	778041.278	2165577.569	365.002	EC12 X
32061	778044.642	2165574.475	364.063	CL WEIR
32062	778044.152	2165576.471	365.694	DMH
32063	777953.428	2165370.412	373.244	EC13 B
32064	777950.142	2165372.635	373.316	EC13
32065	777947.838	2165369.391	373.399	EC13 X
32066	777951.799	2165371.635	372.35	CL WEIR
32067	777950.2	2165369.624	374.005	DMH
32068	777835.671	2165352.964	374.547	DMH
32069	777835.695	2165355.021	372.882	CL WEIR
32070	777833.914	2165354.746	373.884	EC14 B

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
32071	777834.24	2165350.799	373.821	EC14
32072	777838.211	2165351.224	373.831	EC14 X
32073	777990.215	2165322.092	372.154	EC16 B
32074	777993.463	2165324.286	372.16	EC16
32075	777995.699	2165321.077	372.207	EC16 X
32076	777994.387	2165319.719	371.288	CL WEIR
32077	777993.252	2165321.858	372.87	DMH
32078	778141.532	2165267.796	370.897	CB
32099	778196.694	2165502.691	362.801	RCP 30
32100	778197.527	2165501.729	364.406	RCP 15
32106	777675.834	2165374.953	377.058	RCP 24
32108	777676.26	2165375.201	377.023	RCP 30
32112	777678.224	2165257.222	376.37	RCP 30
32113	777678.306	2165259.06	376.387	RCP 30
32114	777506.749	2165226.225	387.651	CB
32115	777501.385	2165382.137	382.131	EC52 B
32116	777502.913	2165377.478	382.061	EC52
32117	777507.591	2165379.011	382.041	EC52 X
32118	777505.28	2165380.88	382.712	DMH
32119	777505.208	2165378.122	381.103	CL WEIR
32120	777372.437	2165531.239	384.35	EC53 B
32121	777369.522	2165534.005	384.303	EC53
32122	777366.758	2165531.236	384.216	EC53 X
32123	777369.118	2165531.648	384.941	DMH
32124	777371.244	2165529.829	383.401	CL WEIR
32125	777203.722	2165336.168	384.931	EC54 B
32126	777206.555	2165338.96	385.07	EC54
32127	777209.39	2165336.164	384.987	EC54 X
32128	777206.865	2165336.065	385.645	DMH
32129	777208.28	2165337.719	384.067	CL WEIR
32130	777104.794	2165228.364	387.152	DMH
32131	777102.927	2165229.921	385.594	CL WEIR
32132	777101.654	2165228.494	386.408	EC55 B
32133	777104.5	2165225.74	386.412	EC55
32134	777107.354	2165228.588	386.516	EC55 X
32135	777263.749	2165085.095	389.536	EC56 B
32136	777265.868	2165081.746	389.482	EC56
32137	777262.52	2165079.572	389.472	EC56 X
32138	777262.975	2165082.101	390.18	DMH
32139	777261.984	2165084.057	388.491	CL WEIR
32140	777304.257	2165021.27	387.203	CL WEIR
32141	777304.453	2165023.376	388.945	DMH
32142	777305.951	2165025.399	388.279	EC57 B
32143	777306.182	2165021.467	388.248	EC57
32144	777302.176	2165021.209	388.24	EC57 X
32145	777269.231	2164617.477	390.144	CB
32148	777621.362	2164381.965	391.879	CB
32149	777607.383	2164358.905	391.959	CB
32150	777543.597	2164237.624	391.921	DMH
32151	777546.064	2164238.199	391.256	EC58 B
32152	777543.822	2164235.006	391.233	EC58
32153	777540.606	2164237.308	391.181	EC58 X
32154	777542.136	2164236.016	389.948	CL WEIR
32155	777614.813	2164189.91	391.09	CL WEIR
32156	777613.007	2164192.012	392.674	DMH
32157	777615.905	2164192.171	392.021	EC59 B
32158	777613.44	2164187.824	392.066	EC59
32159	777609.18	2164190.317	392.089	EC59 X
32160	777679.178	2164144.534	389.937	EC60 B
32161	777681.179	2164147.98	390.016	EC60
32162	777677.796	2164149.995	389.979	EC60 X
32163	777678.595	2164147.591	390.648	DMH
32164	777676.606	2164148.402	389.081	CL WEIR
32165	777618.325	2164112.741	389.457	CL WEIR
32166	777616.528	2164112.497	391.137	DMH
32167	777614.507	2164110.164	390.541	EC61 B
32168	777613.885	2164114.124	390.461	EC61
32169	777617.93	2164114.676	390.449	EC61 X
32170	777643.895	2163666.665	388.707	EC62 B
32171	777647.746	2163667.466	388.676	EC62
32172	777648.706	2163663.659	388.694	EC62 X
32173	777647.117	2163664.753	389.337	DMH
32174	777648.593	2163665.651	387.762	CL WEIR
50034	777709.259	2165223.502	375.939	ACP 30
50035	777708.577	2165224.547	375.945	ACP 30
50036	777709.554	2165225.042	385.534	CB RIM
50037	777709.474	2165224.578	384.863	CB THROAT
50038	777709.46	2165222.601	385.115	CB GRATE@EP
50039	777709.422	2165200.101	375.472	RCP 30
50040	777708.177	2165198.344	373.987	RCP 36
50041	777710.489	2165198.596	375.892	RCP 15
50042	777709.118	2165197.834	385.662	CB RIM
50043	777709.1	2165198.329	384.994	CB THROAT
50044	777708.994	2165200.263	385.235	CB GRATE@EP
50047	777678.955	2165257.908	385.59	CB RIM
50048	777678.426	2165257.967	384.905	CB THROAT
50049	777676.507	2165258.014	385.128	CB GRATE@EP
50050	777644.923	2165258.263	380.312	RCP 15
50051	777644.243	2165259.391	385.661	CB RIM
50052	777644.683	2165259.387	384.999	CB THROAT
50053	777646.65	2165259.475	385.216	CB GRATE@EP
50056	777676.625	2165373.649	384.423	CB RIM
50057	777676.116	2165373.594	383.741	CB THROAT
50058	777674.181	2165373.378	383.981	CB GRATE@EP
50059	777674.858	2165374.433	377.291	RCP 24
50060	777631.399	2165419.363	377.883	RCP 24
50061	777631.079	2165420.084	378.048	RCP 24
50062	777630.418	2165420.451	383.858	CB RIM
50063	777630.943	2165420.569	383.178	CB THROAT
50064	777632.753	2165421.253	383.429	CB GRATE@EP
50066	777588.723	2165505.086	380.215	RCP 15
50067	777586.811	2165505.3	383.289	CB RIM
50068	777587.201	2165505.588	382.633	CB THROAT
50069	777588.932	2165506.542	382.864	CB GRATE@EP
50070	777591.074	2165502.696	379.79	RCP 15
50071	777590.156	2165503.044	380.137	RCP 15
50072	777590.086	2165501.548	382.676	CB THROAT
50073	777589.682	2165501.27	383.306	CB RIM
50074	777591.758	2165502.615	382.873	CB GRATE@EP

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
50075	777657.064	2165448.522	377.591	RCP 18
50076	777657.829	2165446.18	377.568	RCP 18
50077	777658.087	2165447.765	383.657	CB RIM
50078	777657.609	2165447.63	382.984	CB THROAT
50079	777655.754	2165446.957	383.201	CB GRATE@EP
50080	777616.677	2165519.551	382.85	CB GRATE@EP
50081	777618.273	2165520.729	382.607	CB THROAT
50082	777618.652	2165521.009	383.293	CB RIM
50083	777617.676	2165520.507	379.453	RCP 15
50084	777617.531	2165521.504	378.459	RCP 15
50085	777618.777	2165519.785	378.275	RCP 18
50086	777511.805	2165630.152	380.158	RCP 15
50087	777511.587	2165631.845	384.983	CB RIM
50088	777511.247	2165631.556	384.291	CB THROAT
50089	777509.838	2165630.12	384.507	CB GRATE@EP
50090	777369.85	2165530.722	380.071	RCP 24
50091	777368.725	2165530.768	380.324	RCP 18
50130	777827.209	2165223.342	377.631	RCP 15
50131	777826.7	2165224.967	382.253	CB RIM
50132	777826.688	2165224.486	381.552	CB TROAT
50133	777826.806	2165222.537	381.775	CB GRATE@EP
50134	777826.884	2165200.204	381.627	CB GRATE@EP
50135	777826.962	2165198.284	381.432	CB THROAT
50136	777827.016	2165197.806	382.129	CB RIM
50137	777825.633	2165199.055	376.978	RCP 18
50138	777826.723	2165199.67	377.312	RCP 15
50151	777940.117	2165223.368	370.543	RCP 15
50152	777939.233	2165222.101	377.142	CB RIM
50153	777939.023	2165222.571	376.471	CB THROAT
50154	777938.32	2165224.285	376.714	CB GRATE@EP
50167	778048.405	2165289.084	368.205	RCP 15
50168	778046.444	2165287.778	368.374	RCP 15
50169	778048.096	2165288.071	372.448	CB RIM
50170	778047.794	2165288.429	371.765	CB THROAT
50171	778046.534	2165289.934	372.003	CB GRATE@EP
50172	778012.371	2165292.772	369.019	RCP 15
50173	778011.966	2165293.269	373.131	CB RIM
50174	778012.179	2165292.853	372.466	CB THROAT
50175	778013.331	2165291.255	372.682	CB GRATE@EP
50191	778092.626	2165335.497	367.402	RCP 15
50192	778091.022	2165335.129	367.644	RCP 15
50193	778091.481	2165336.741	367.034	RCP 18
50195	778140.15	2165268.793	368.037	RCP 15
50197	778077.611	2165356.319	366.809	RCP 18
50198	778077.778	2165358.032	364.934	RCP 24
50199	778076.335	2165357.023	365.016	RCP 24
50200	778076.359	2165357.816	371.143	CB RIM
50201	778076.714	2165357.489	370.467	CB THROAT
50202	778078.16	2165356.184	370.728	CB GRATE@EP
50203	778036.143	2165349.512	372.021	CB GRATE@EP
50204	778037.499	2165351.016	371.777	CB THROAT
50205	778037.774	2165351.363	372.452	CB RIM
50206	778036.169	2165351.475	366.03	RCP 18
50207	778037.753	2165350.489	365.993	RCP 24
50208	778036.252	2165349.747	368.024	RCP 24
50209	777993.531	2165320.818	368.713	RCP 15
50210	777993.981	2165322.207	368.638	RCP 18
50212	778014.87	2165338.468	372.311	CB GRATE@EP
50213	778013.539	2165337.095	372.07	CB THROAT
50214	778013.186	2165336.779	372.749	CB RIM
50215	778013.844	2165336.929	368.284	RCP 18
50216	778015.06	2165337.96	368.164	RCP 24
50217	778012.91	2165338.312	368.369	RCP 24
50218	777951.304	2165369.521	368.889	RCP 24
50219	777949.594	2165369.583	369	RCP 18
50222	777836.726	2165353.128	370.207	RCP 15
50314	777973.005	2165428.638	373.698	CB GRATE@EP
50315	777974.704	2165429.498	373.465	CB THROAT
50316	777975.169	2165429.634	374.135	CB RIM
50317	777973.801	2165430.411	368.132	RCP 18
50318	777975.133	2165428.14	368.126	RCP 18
50319	777935.464	2165523.974	372.239	RCP 18
50320	777934.662	2165526.368	372.425	RCP 15
50321	777934.563	2165524.791	373.937	RCP 15
50322	777934.002	2165524.772	377.569	CB GRATE@EP
50323	777935.833	2165525.497	377.288	CB THROAT
50324	777936.211	2165525.695	377.981	CB RIM
50325	777905.103	2165530.614	378.542	CB RIM
50326	777905.544	2165530.871	377.869	CB THROAT
50327	777907.304	2165531.651	378.116	CB GRATE@EP
50328	777907.07	2165531.643	374.701	RCP 15
50329	777879.176	2165655.741	374.778	RCP 15
50330	777877.621	2165657.467	374.882	RCP 15
50331	777879.274	2165657.372	382.018	CB RIM
50332	777878.89	2165657.157	381.331	CB THROAT
50333	777877.219	2165656.132	381.571	CB GRATE@EP
50334	777837.684	2165704.5	381.517	CB GRATE@EP
50335	777838.948	2165706.029	381.288	CB THROAT
50336	777839.267	2165706.37	381.982	CB RIM
50337	777839.58	2165704.695	376.032	RCP 15
50338	777837.589	2165705.789	376.319	RCP 15
50339	777784.677	2165723.244	376.844	RCP 15
50340	777783.273	2165722.704	381.335	CB RIM
50341	777783.629	2165723.024	380.65	CB THROAT
50342	777784.975	2165724.5	380.9	CB GRATE@EP
50361	777880.555	2165902.788	374.548	CB RIM
50362	777880.853	2165902.389	373.868	CB THROAT
50363	777882.226	2165901.065	374.117	CB GRATE@EP
50364	777881.927	2165901.159	368.603	RCP 15
50365	777882.444	2165902.785	368.351	RCP 15
50375	777935.637	2165960.005	371.569	CB RIM
50376	777935.932	2165959.604	370.905	CB THROAT
50377	777937.37	2165958.26	371.142	CB GRATE@EP
50387	777935.555	2165958.347	365.624	RCP 15
50388	777936.715	2165958.533	365.623	RCP 15
50389	777937.293	2165959.92	365.547	RCP 18
50390	777941.967	2165929.202	365.794	RCP 15
50391	777941.321	2165927.84	365.839	RCP 15
50392	777942.792	2165928.214	372.118	CB RIM

Signed by: Jonathan Smitek
2B53976A98B04F4...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITEK

12/17/2025

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DATE	REVISION DESCRIPTION
06-15-2023	ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE
10-24-2023	GRADING AND STORM NETWORK ADJUSTMENTS
04-17-2025	REVISED ROLESVILLE ROAD STRIPING

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

STORM SURVEY POINTS - AB

JOB NO. 43398

SHEET NO. ASB10.2

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POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
50393	777942.475	2165928.55	371.459	CB THROAT
50394	777941.151	2165929.898	371.703	CB GRATE @ EP
50395	777898.311	2165885.68	374.109	CB GRATE @ EP
50397	777899.661	2165884.36	373.886	CB THROAT
50398	777899.993	2165884.02	374.566	CB RIM
50399	777898.674	2165885.149	369.289	RCP 15
50400	777927.125	2165881.398	366.852	RCP 15
50416	777995.715	2166016.569	370.233	CB RIM
50417	777995.986	2166016.218	369.562	CB THROAT
50418	777997.09	2166014.594	369.784	CB GRATE EP
50419	777996.513	2166015.119	363.301	RCP 18
50420	777995.362	2166015.214	363.426	RCP 18
50421	778024.504	2166005.204	362.132	RCP 18
50422	778024.92	2166004.327	361.789	RCP 18
50423	778025.43	2166003.696	370.098	CB RIM
50424	778025.154	2166004.08	369.435	CB THROAT
50425	778024.169	2166005.762	369.66	CB GRATE @ EP
50429	778092.811	2165996.293	359.823	RCP 18
50430	778094.713	2165994.755	357.131	RCP 36
50431	778093.887	2165997.718	357.002	RCP 36
50445	778099.628	2165883.736	361.733	15 RCP
50446	778101.116	2165883.698	361.635	15 RCP
50449	778079.1926	2165890.625	362.06	RCP 15
50450	778184.377	2165901.284	361.85	RCP 15
50451	778185.563	2165902.37	364.915	TOP CONC NO RIM
50499	778137.528	2165618.179	362.389	RCP 15
70321	777644.666	2164609.985	387.241	CB
70322	777643.702	2164611.203	381.22	RCP 15 INV IN
70323	777644.545	2164611.704	374.733	RCP 36 INV OUT
70325	777643.167	2164609.609	375.069	RCP 36 INV IN
70326	777619.887	2164631.834	382.899	RCP 15 INV OUT
70327	777618.268	2164633.179	387.244	CB
70328	777109.406	2164543.134	387.989	WBR ELEV
70329	777107.73	2164540.515	388.812	EC B
70330	777110.959	2164538.301	388.9	EC
70331	777113.238	2164541.53	388.989	EC X
70332	777111.249	2164542.211	385.374	RCP 24 INV OUT ONLY
70333	777110.617	2164541.601	389.637	DMH
70334	776985.245	2165094.443	388.372	EC B
70335	776982.954	2165091.437	388.306	EC
70336	776986.114	2165089.308	388.39	EC X
70337	776985.336	2165092.096	389.042	DMH
70339	776984.828	2165090.316	387.36	WBR ELEV
70346	778087.264	2165479.348	370.089	EC B
70347	778089.639	2165476.227	370.118	EC
70348	778092.737	2165478.594	370.167	EC X
70349	778090.411	2165478.323	365.662	RCP 18 INV OUT ONLY
70350	778089.933	2165479.263	370.816	DMH RIM
70351	778088.578	2165477.763	369.1	WBR ELEV
70376	778069.836	2165987.395	368.114	CB
70377	778069.944	2165988.577	361.01	RCP IN V IN
70378	778071.393	2165987.864	360.617	RCP IN V OUT
70382	777154.771	2164695.118	384.248	RCP 30 INV OUT
70383	777155.933	2164693.852	384.317	RCP 30 INV IN
70384	777155.347	2164695.285	388.911	CB
70385	777321.465	2164362.488	393.285	EC B
70386	777322.246	2164366.285	393.285	EC
70387	777318.362	2164367.019	393.288	EC X
70388	777318.078	2164366.438	392.164	WBR ELEV
70389	777319.714	2164364.538	393.986	DMH
70390	777315.03	2164190.309	393.357	WBR ELEV
70391	777316.472	2164190.179	395.034	DMH
70392	777315.055	2164188.161	394.356	EC B
70393	777315.042	2164192.148	394.285	EC
70394	777318.964	2164192.126	394.398	EC X
77001	777440.281	2164196.545	397.725	CB
77002	777441.977	2164196.492	390.611	RCP 15 INV OUT
77003	777475.289	2164198.076	397.626	CB
77004	777473.038	2164197.598	389.467	RCP 15 INV IN
77005	777474.237	2164196.919	378.639	RCP 24 INV IN
77006	777473.955	2164199.23	378.582	RCP 32 INV OUT
77007	777472.275	2164285.572	396.604	CB
77008	777471.168	2164284.435	377.982	RCP 32 INV IN
77009	777471.732	2164284.923	382.819	RCP 18 INV IN
77010	777471.677	2164286.734	377.827	RCP 32 INV OUT
77014	777444.071	2164340.701	395.675	CB
77015	777444.584	2164340.471	387.627	RCP 15 INV IN
77016	777444.833	2164341.477	387.52	RCP 18 INV OUT
77020	777496.91	2164390.686	394.475	CB
77021	777495.918	2164389.773	377.088	RCP 32 INV IN
77022	777496.818	2164391.834	376.98	RCP 32 INV OUT
77023	777470.339	2164417.155	394.323	CB
77024	777470.424	2164416.237	386.804	RCP 18 INV IN
77025	777471.336	2164417.726	386.751	RCP 18 INV OUT
77026	777460.513	2164456.889	394.155	CB
77027	777461.664	2164456.843	386.19	RCP 18 INV IN
77028	777461.226	2164457.874	386.03	RCP 18 INV OUT
77029	777320.647	2164364.811	388.409	RCP 15 INV OUT
77030	777319.291	2164363.708	388.523	RCP 15 INV IN
77033	777316.842	2164191.406	390.579	RCP 15 INV OUT ONLY
77039	777294.602	2164570.246	387.57	RCP 15 INV OUT ONLY
77040	777294.454	2164568.029	391.26	CB
77042	777269.381	2164615.404	385.455	RCP 15 INV IN
77043	777267.478	2164617.022	385.327	RCP 18 INV OUT
77047	777180.159	2164644.505	388.762	CB
77048	777179.739	2164646.13	384.655	RCP 24 INV OUT
77049	777180.599	2164644.828	384.81	RCP 24 INV OUT
77052	777172.553	2164649.676	388.671	CB
77053	777173.986	2164649.734	384.624	RCP 24 INV IN
77054	777173.816	2164650.941	384.574	RCP 24 INV OUT
77058	777187.124	2164672.491	388.768	CB
77165	777260.66	2164821.668	382.795	FES 36
77166	777261.548	2164827.133	382.744	EC B
77167	777265.874	2164823.476	382.836	EC E
77168	777255.136	2164899.573	383.125	FES 32
77169	777259.803	2164898.78	383.062	EC B
77170	777256.991	2164894.947	383.039	EC E
77171	777294.459	2164938.072	382.917	RCP 24
77172	777291.189	2164936.758	382.43	EC B

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
77173	777297.25	2164935.891	382.427	EC E
77186	777311.742	2164951.868	380.606	RCP 30
77187	777315.292	2164948.888	380.655	RCP 30
77188	777311.157	2164949.054	381	CONC
77189	777318.989	2164946.951	384.078	EC B
77190	777309.144	2164955.059	384.046	EC
77191	777304.847	2164949.918	383.98	EC X
77192	777309.643	2164946.326	383.379	WBR ELEV
77193	777339.058	2164974.95	380.232	RCP 30
77194	777341.812	2164971.184	380.177	RCP 30
77195	777342.924	2164969.235	383.579	WWB
77196	777347.28	2164968.565	382.751	WW
77197	777347.241	2164968.145	382.734	WW
77198	777342.626	2164968.93	383.702	WWE
77199	777337.487	2164976.45	383.552	WWB
77200	777337.791	2164980.642	382.592	WW
77201	777337.242	2164980.674	382.623	WW
77202	777337.034	2164976.225	383.728	WWE
77203	777336.952	2164976.029	384.764	HWB
77204	777337.434	2164976.406	384.823	HW
77205	777342.671	2164969.193	384.86	HW
77206	777342.401	2164968.822	384.856	HWC
77207	777347.35	2164968.669	379.813	EC B
77208	777337.911	2164980.522	380.052	EC E
77209	777304.037	2165022.555	383.44	RCP 24 INV OUT
77210	777303.72	2165023.983	383.542	RCP 24 INV IN
77211	777263.623	2165081.778	383.912	RCP 24 INV OUT
77212	777262.538	2165082.874	383.944	RCP 24 INV IN
77213	777252.774	2165121.873	384.307	DIP 15 INV IN
77214	777253.364	2165120.614	383.975	RCP 24 INV OUT
77215	777253.599	2165120.148	387.771	CB
77216	777239.07	2165142.984	387.87	CB
77217	777239.909	2165141.238	384.557	DIP 15 INV OUT
77222	777100.805	2165009.887	389.132	CB
77223	777101.26	2165009.589	384.608	RCP 18 INV IN
77224	777102.444	2165008.982	384.277	RCP 15 INV OUT
77225	777101.889	2165009.092	388.543	GRATE
77226	777122.489	2164993.675	389.134	CB
77227	777121.92	2164993.862	383.714	RCP 24 INV OUT
77228	777120.917	2164995.079	383.939	RCP 15 INV IN
77229	777120.805	2164993.179	384.355	RCP 24 INV IN
77230	777077.541	2164881.698	385.129	RCP 24 INV OUT
77231	777076.392	2164880.738	386.845	RCP 15 INV IN
77232	777078.558	2164880.323	390.168	CB
77233	777050.734	2164872.511	390.401	CB
77234	777052.813	2164872.786	387.003	RCP 15 INV OUT
77312	777479.035	2165197.681	387.989	CB
77313	777479.903	2165199.643	381.668	RCP 15 INV OUT ONLY
77314	777505.402	2165224.087	381.364	RCP 15 INV IN
77315	777507.607	2165224.588	381.173	RCP 15 INV OUT
77325	777614.454	2165198.764	386.667	CB
77326	777614.195	2165200.63	378.558	RCP 18 INV IN
77327	777614.439	2165199.3	378.383	RCP 18 INV OUT
77328	777613.575	2165225.735	386.614	CB
77329	777613.686	2165224.813	379.556	RCP 15 INV IN
77330	777612.411	2165224.69	379.831	RCP 15 INV IN
77331	777614	2165223.997	378.918	RCP 18 INV OUT
77338	777643.297	2165163.385	386.474	CB
77339	777643.905	2165164.302	377.815	RCP 18 INV IN
77340	777645.052	2165163.72	377.799	RCP 18 INV OUT
77341	777677.616	2165163.331	373.932	RCP 30 INV IN
77342	777677.368	2165161.325	373.891	RCP IN V OUT
77343	777676.428	2165163.163	377.402	RCP 18 INV OUT
77344	777678.298	2165162.287	386.462	CB
77346	777676.622	2164918.215	384.804	CB

Signed by:
Jonathan Smith
2B53D1A8...

NORTH CAROLINA PROFESSIONAL SEAL 050771 ENGINEER JONATHAN SCOTT SMITH

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REVISION DESCRIPTION	DATE
ROLESVILLE ROAD TAPER SHIFT AND STORM NETWORK UPDATE	06-15-2023
GRADING AND STORM NETWORK ADJUSTMENTS	10-13-2023
REVISED ROLESVILLE ROAD STRIPING	04-17-2025

DATE: 09/17/2021
DRAWN BY: R. WINGATE
DESIGNED BY: P. BARBEAU
CHECKED BY: P. BARBEAU
SCALE:

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT

ROLESVILLE - WAKE COUNTY - NORTH CAROLINA

STORM SURVEY POINTS - AB

JOB NO. 43398

SHEET NO. ASB10.3

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POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
10093	778612.757	2161587.749	338.123	PVC 8
10094	778610.419	2161591.251	348.379	VERTICAL 8" PVC
10095	778611.87	2161588.134	348.393	SMH
10096	778689.405	2161537.104	346.791	VERTICAL 8" PVC
10097	778686.198	2161537.087	337.444	PVC 8
10099	778686.354	2161536.729	337.309	PVC 8
10100	778686.583	2161537.191	347.944	SMH
10102	778755.63	2161343.255	345.466	VERTICAL 8" PVC
10103	778754.7797	2161342.335	336.235	PVC 8
10104	778756.778	2161340.349	347.059	SMH
21265	778714.024	2161457.751	343.908	CASING END_TOP PIPE MARKING CASING 6.35 DOWN TO FM TOP
21266	778754.408	2161344.533	343.25	CASING END_GS
21267	778336.55	2163663.982	397.749	TOP 2" PIPE 6.35 DOWN TO TOP FM
27891	778383.525	2166623.771	329.198	PVC 12
27892	778384.91	2166625.152	329.097	INV UNDER VER DIP 8
27893	778385.343	2166624.244	343.165	TOP PIPE 90
27895	778387.232	2166623.273	352.555	TOP 90 DIP 8
27896	778394.112	2166625.499	351.824	TOP 90 DIP 4
27897	778395.416	2166604.979	352.279	TOP 90 DIP 4
27898	778396.012	2166640.174	349.118	DIP 10 AT BASE
27899	778398.9	2166640.692	349.35	DIP 10-ARV
27900	778389.925	2166639.224	349.034	VV-TOP RIM
27901	778391.078	2166637.769	349.137	VV-TOP RIM
27902	778390.811	2166635.462	349.179	VV-TOP RIM
27903	778384.528	2166640.114	348.827	VV-TOP RIM
27904	778384.555	2166640.019	345.592	TOP KEY
27905	778389.932	2166639.183	345.826	TOP KEY
27906	778391.197	2166637.792	345.836	TOP KEY
27907	778390.897	2166635.237	345.846	TOP KEY
27915	778400.543	2166612.013	349.991	VAULT
27924	778407.184	2166620.057	350.157	VAULT
27925	778406.502	2166609.508	348.819	FN1 B
27926	778403.773	2166606.43	348.926	FN1 E
27927	778405.681	2166607.635	348.626	ELECTRIC CABINET
27928	778422.644	2166596.495	349.224	FN2 B
27929	778436.845	2166614.15	349.039	FN2 E
27933	778412.349	2166636.599	349.559	CO
27934	778418.474	2166644.507	348.984	CO
27935	778417.042	2166636.016	353.127	BD
27936	778433.617	2166622.625	358.801	BD
27937	778444.476	2166636.04	354.221	BD
27940	778402.401	2166674.588	348.91	EC56 X
27943	778415.073	2166671.491	348.272	GUY
27944	778401.947	2166682.295	347.906	PP-OE1 B 2 PLG60
27945	778325.446	2166742.518	358.061	PP-OE1
27946	778348.642	2166772.815	357.801	PP-OE1 E TT OLD
30885	778615.604	2162097.45	372.714	SMH-ARV
30886	778615.708	2162090.7	372.83	SMH
30887	778622.799	2162097.359	373.335	SSCO RIM
32001	778422.29	2166595.551	350.009	EC1 B
32002	778418.125	2166598.92	350.028	EC1
32003	778433.563	2166618.126	350.011	EC1
32004	778437.662	2166614.721	350.04	EC1 E
32005	778422.861	2166630.894	349.995	EC2 B
32006	778420.304	2166627.722	349.92	EC2
32007	778416.973	2166630.389	349.92	EC2
32008	778419.498	2166633.529	349.979	EC2 C
32009	778416.592	2166635.943	349.957	EC3 B
32010	778408.864	2166642.258	349.958	EC3

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
32011	778420.075	2166656.188	350	EC3 X
32012	778402.045	2166669.448	348.653	EC56= TPAD
32013	778394.49	2166637.3	349.984	EC4 B
32014	778393.536	2166642.159	349.972	EC4
32015	778398.395	2166643.137	349.971	EC4
32016	778399.224	2166638.285	349.949	EC4 C
32018	778403.384	2166620.797	350.11	EC5 B
32019	778388.732	2166632.474	350.046	EC5
32020	778379.382	2166620.68	350.024	EC5
32021	778394.724	2166608.286	350.012	EC5 C
32023	778395.103	2166614.731	355.503	EC15 B_TOP DIESEL GENERATOR
32024	778389.32	2166619.435	355.488	EC15
32025	778391.399	2166621.982	355.465	EC15 X
32197	778110.688	2163614.798	396.345	EC70 B PC
32198	778112.073	2163617.866	396.41	EC70
32199	778115.245	2163616.126	396.317	EC70
32200	778113.476	2163613.338	396.266	EC70 C
32201	778111.697	2163613.589	396.302	EC71 B METAL VAULT
32202	778110.771	2163616.495	396.393	EC71
32203	778114.162	2163617.465	396.336	EC71 X
32204	778117.795	2163617.708	396.231	SMH-ARV
32205	778120.561	2163617.647	395.577	EC73 B PC
32206	778119.169	2163614.635	395.744	EC73
32207	778116.007	2163616.056	395.661	EC73
32208	778117.301	2163619.07	395.518	EC73 C
32995	777976.6553	2163659.937	0	FM CASING
32996	777987.3601	2163609.884	0	FM CASING
33001	778385.31	2166623.836	329.158	PVC 12 INV IN_BOTTOM DIP 8" VERTPIPE INV
33002	778383.625	2166624.941	350.169	SMH RIM
33003	778399.197	2166612.851	328.665	PVC 12
33004	778400.981	2166614.975	347.196	PVC 4" WITH RUBBER PINCH
33005	778402.48	2166613.662	344.455	DIP 4" WITH RUBBER PINCH
33006	778399.706	2166609.771	347.328	DIP 4"
33007	778401.823	2166614.261	345.762	DIP 8" VERT PIPE TOP 90
33008	778403.322	2166612.923	345.738	DIP 8" VERT PIPE TOP 90
33009	778401.574	2166614.032	324.816	DIP 8" VERT PIPE INV AT BTM_IN WATER
33010	778403.233	2166612.942	324.842	DIP 8" VERT PIPE INV AT BTM_IN WATER
65929	778756.014	2161340.226	336.315	PVC 12 IN
65930	778757.952	2161340.082	335.935	DIP 12 INV OUT
65931	778757.922	2161340.456	347.007	SMH RIM EDGE
65932	778756.543	2161341.392	347.01	SMH RIM EDGE
65933	778755.737	2161340.056	347.033	SMH RIM EDGE
65934	778756.669	2161339.224	347.037	SMH RIM EDGE
70355	777451.607	2165649.729	385.839	FM ARV

Signed by:
2B53[illegible]

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DATE
09/17/2021

DRAWN BY
R. WINGATE

DESIGNED BY
P. BARBEAU

CHECKED BY
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SCALE

TIMMONS GROUP

ROLESVILLE CROSSING PHASE 1 AS-BUILT
ROLESVILLE - WAKE COUNTY - NORTH CAROLINA
FORCEMAIN SURVEY POINTS - AB

JOB NO.
43398

SHEET NO.
ASB10.4

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