

V1 - CID-24-07 -
Plan Set Part 1 of 2

HILLS AT HARRIS CREEK CONSTRUCTION PLANS

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PROJECT NUMBER: CID-24-07

1. Add submittal and date to the title block.
SREG: The Title Block has been updated, see Sheet C1.0

SITE INFORMATION:

LOCATION: 0 - 5326 MITCHELL MILL ROAD
 COUNTY: WAKE COUNTY
 PARENT PIN: 1757758529, 1757761273, 1757778982, 1757750520
 DB/PG: 001318 / 000333
 ZONING: RM-CZ CLUSTER DEVELOPMENT
 GROSS ACREAGE: 5,029,513 SF (115.45 AC)
 25' ROW DEDICATION ACREAGE: 43,196 SF (0.99 AC)
 NET ACREAGE: 4,986,317 SF (114.47 AC)

MINIMUM BUILDING SETBACKS:
 FRONT YARD: 20'
 SIDE YARD: 10'
 REAR YARD: 20'
 CORNER YARD: 12'

RIGHT OF WAY & OTHER AREAS:
 NATURAL WETLANDS: 657,515 SF (15.09 AC)

MAXIMUM ALLOWED NUMBER OF LOTS: 225 LOTS
 TOTAL NUMBER PROPOSED LOTS: 220 LOTS
 MINIMUM LOT FRONTAGE: 50'
 MINIMUM REQUIRED LOT SIZE: 8,000 SF

OPEN SPACE BREAKDOWN:
 PROPERTY BOUNDARY: 4,986,317 SF (114.47 AC)
 REQUIRED OPEN SPACE(SECTION 3.1.B.1): 1,994,527 SF (45.79 AC)
 PROVIDED OPEN SPACE: 2,235,966 SF (51.33 AC)
 CLUSTER OPTION OPEN SPACE CALCULATIONS: SEE SHEET C-1.3
 ACTIVE/PASSIVE OPEN SPACE CALCULATIONS: SEE SHEET C-1.4

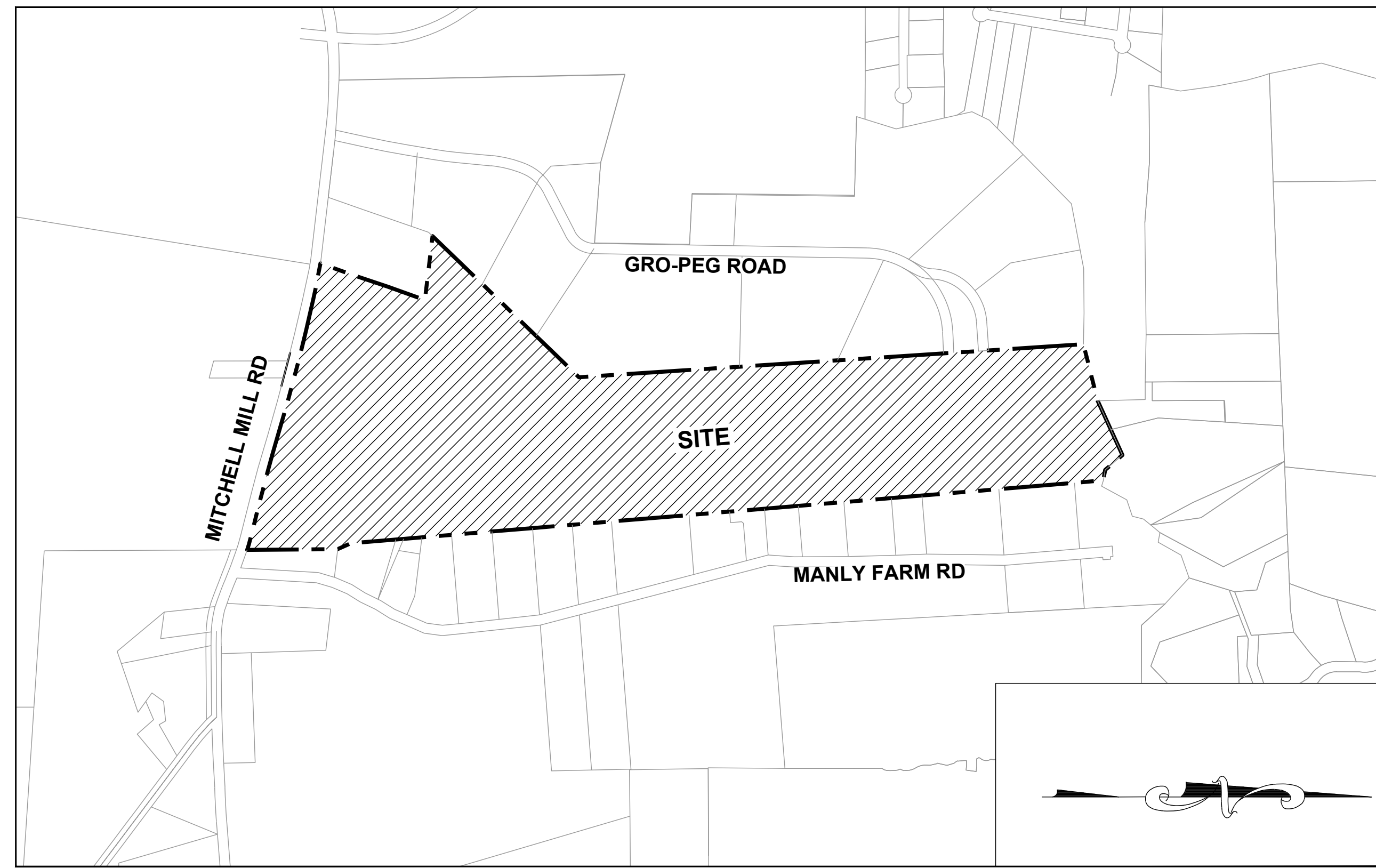
IMPERVIOUS AREAS:
 ROADWAYS & SIDEWALKS: 518,299 SF (11.90 AC)
 PONDS: 115,743 SF (2.65 AC)
 BUILD UPON AREA (BUA): 961,315 SF (22.07 AC)
 TOTAL ON-SITE IMPERVIOUS AREA: 1,595,357 SF (36.62 AC)
 TOTAL ON-SITE IMPERVIOUS PERCENT: 31.99%

CURRENT & PROPOSED USE AREAS:
 CURRENT USE: WAKE COUNTY AGRICULTURAL
 PROPOSED USE: MEDIUM DENSITY RESIDENTIAL

WATERSHED, RIVER BASIN:
 THIS PROJECT IS LOCATED WITHIN THE NEUSE RIVER BASIN

LOT ACREAGE: DSF:
 LOT TYPE (50'x160'): 68 LOTS
 LOT TYPE (55'x146'): 16 LOTS
 LOT TYPE (60'x134'): 56 LOTS
 LOT TYPE (65'x125'): 52 LOTS
 LOT TYPE (70'x115'): 15 LOTS
 LOT TYPE (80'x100'): 13 LOTS
 TOTAL NUMBER PROPOSED LOTS: 220 LOTS
 MINIMUM PROPOSED LOT SIZE: 8,000 SF
 MAXIMUM PROPOSED LOT SIZE: 26,427 SF
 MINIMUM LOT WIDTH: 50'
 PROPOSED DENSITY: 1.92 UNITS/AC

DISTURBED AREA:
 TOTAL DISTURBED AREA: 3,639,480 SF (83.55 AC)



SHEET INDEX

01	C-1.0	COVER SHEET
02	C-1.1	ZONING CONDITIONS
03	C-1.2	CONCEPT SKETCH PLAN
04	C-2.0	CIVIL NOTES
05	C-3.0	EXISTING CONDITIONS PLAN
06	C-3.1	TREE PROTECTION PLAN
07	C-3.2	OVERALL TREE INVENTORY MAP
08 - 15	C-3.3 - C-3.10	PARTIAL TREE INVENTORY MAP I - VIII
16	C-3.11	TREE INVENTORY TABLE
17	C-4.0	DEMOLITION PLAN
18	C-5.0	OVERALL OPEN SPACE PLAN
19	C-5.1	PASSIVE & ACTIVE OPEN SPACE REQUIREMENTS
20	C-6.0	OVERALL SITE PLAN
21 - 26	C-6.1 - C-6.6	PARTIAL SITE PLAN I - VI
27	C-6.7	LOT SIZE TABLES
28	C-7.0	OVERALL UTILITY PLAN
29 - 34	C-7.1 - C-7.7	PARTIAL UTILITY PLAN I - VI
35	C-7.7	PARTIAL UTILITY PLAN VII - OFF SITE
36	C-7.8	SANITARY SEWER TABLES
37	C-8.0	OVERALL GRADING & DRAINAGE PLAN
38 - 43	C-8.1 - C-8.6	PARTIAL GRADING & DRAINAGE PLAN I - VI
44	C-8.7	STORM DRAINAGE TABLES
45	C-8.8	STORM DRAINAGE TABLES
46	C-9.0	PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE
47	C-9.1	PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE
48	C-9.2	PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE
49	C-9.3	PROPOSED SLATE SPRINGS STREET - PLAN & PROFILE
50	C-9.4	PROPOSED PLUTON RIDGE DRIVE - PLAN & PROFILE
51	C-9.5	PROPOSED PLUTON RIDGE DRIVE - PLAN & PROFILE
52	C-9.6	PROPOSED IGNEOUS STREET PLAN & PROFILE
53	C-9.7	PROPOSED MILLPOND BLUFF DRIVE - PLAN & PROFILE
54	C-9.8	PROPOSED FLATROCK RIDGE STREET PLAN & PROFILE
55	C-9.9	PROPOSED MAGMA CHAMBER WAY - PLAN & PROFILE
56	C-9.10	PROPOSED LAVA STREET - PLAN & PROFILE
57	C-9.11	PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE
58	C-9.12	PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE
59	C-9.13	PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE
60	L-1.0	OVERALL LANDSCAPE PLAN
61	L-1.1	PERIMETER BUFFER PLAN
62 - 67	L-1.2 - L-1.7	PARTIAL LANDSCAPE PLAN I - VI
68	C-10.0	OVERALL PRESERVATION PLAN
69-74	C-10.1 - C-10.6	PRESERVATION PLAN I - VI
75	C-10.7	PRESERVATION TABLE
76	C-11.0	OVERALL FIRE PLAN
77	C-11.1	FIRE PLAN I
78	C-11.2	FIRE PLAN II
79	C-11.3	FIRE PLAN III
80 - 83	D-1.0 - D-1.3	SITE DETAILS
84	D-2.0	SANITARY SEWER & WATER DETAILS
85	D-3.0	STORM DETAILS
86 - 88	D-4.0 - D-4.2	AMENITY DETAILS

2. Include erosion and sediment control plan sheets
SREG: Erosion control plan sheets are now included, see Sheets C9.0 - C9.21

STREET NAMES	PROPOSED ROW	PAVEMENT WIDTH	LINEAR FEET
BOULDER MILL DRIVE	50-70 Ft	24-32 Ft	2,849.76
SLATE SPRINGS STREET	50 Ft	24 Ft	1,253.58
PLUTON RIDGE DRIVE	50-60 Ft	24-32 Ft	1,687.62
IGNEOUS STREET	50 Ft	24 Ft	1,072.02
MILLPOND BLUFF DRIVE	50 Ft	24 Ft	1,047.13
FLATROCK RIDGE STREET	62 Ft	36 Ft	849.40
MAGMA CHAMBER WAY	50 Ft	24 Ft	1,154.99
LAVA STREET	50 Ft	24 Ft	324.52
LIMESTONE WALL LANE	50 Ft	24 Ft	2,271.75
PRIVATE OFF-SITE DRIVEWAY 1	20 Ft	13 Ft	213.11
PRIVATE OFF-SITE DRIVEWAY 2	20 Ft	13 Ft	191.35

OWNER:
 ALAN&RANDY WATKINS//LAURA AND RANDALL WATKINS//
 ELLIS LAND INVESTMENT COMPANY, LLC
 ADDRESS: 305 CHURCH AT NORTH HILLS STREET, SUITE 1110
 CITY/STATE/ZIP: RALEIGH, NC 27609
 PHONE: 919-824-6088
 EMAIL: jason@ellisdevgroup.com.

DEVELOPER:
 ELLIS DEVELOPMENTS NC, LLC
 CONTACT NAME: JASON PFISTER
 ADDRESS: 305 CHURCH AT NORTH HILLS STREET, SUITE 1110
 CITY/STATE/ZIP: RALEIGH, NC 27609
 PHONE: 919-824-6088
 EMAIL: jason@ellisdevgroup.com.

CIVIL ENGINEERING:
 STRONG ROCK ENGINEERING GROUP, PLLC
 PO BOX 55992
 RALEIGH, NC 27624
 COMPANY LICENSE #: P-2166
 PHONE: 984-200-1932 (O)
 information@strongrockgroup.com



NOTES:
 1. SEE SHEET C-1.1 FOR ZONING CONDITIONS.
 2. THIS SUBDIVISION SHALL BE DEVELOPED AND RECORDED IN A SINGLE PHASE; THERE IS NO PHASING PLAN.
 3. THIS DEVELOPMENT IS CONTINGENT UPON THE COMPLETION OF THE "HARRIS CREEK SANITARY SEWER REPLACEMENT S-5037" PERMIT. THE SEWER REPLACEMENT IMPROVEMENTS SHALL BE INSTALLED, INSPECTED, AND ACCEPTED BY CITY OF RALEIGH PRIOR TO RECORDATION OF LOTS FOR THIS DEVELOPMENT.
 4. ALL OFFSITE SEWER EASEMENTS MUST BE APPROVED, SIGNED AND RECORDED WITH RALEIGH DEED TEMPLATE PRIOR TO CD APPROVAL.

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

NO.	REVISIONS	DATE	BY

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 036225 JUSTIN W. LAMBERT

STRONGROCK ENGINEERING GROUP
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

HILLS AT HARRIS CREEK
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 CONSTRUCTION PLANS
 COVER SHEET

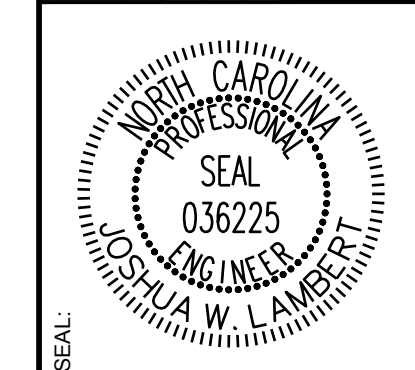
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C-1.0

01 OF 88

GENERAL CONSTRUCTION NOTES:

- 1. THE SUBJECT PROPERTY SHALL BE DEVELOPED GENERALLY IN ACCORDANCE WITH THE CONCEPT SKETCH PLAN ATTACHED HERETO AS EXHIBIT ONE AND INCORPORATED HEREIN AS IF FULLY SET OUT. LOCATIONS SHOWN FOR COMMITTED ELEMENTS INCLUDING, BUT NOT LIMITED TO GREENWAYS, STREETS, AND OPEN SPACE AREAS SHOWN ON THE CONCEPT SKETCH PLAN, ARE CONCEPTUAL AND PROVIDED FOR ILLUSTRATION AND CONTEXT ONLY. FINAL LOCATIONS OF ELEMENTS SHALL BE DETERMINED AT SUBSEQUENT STAGES THROUGH THE TOWN'S DEVELOPMENT REVIEW APPROVAL PROCESSES.
2. DENSITY: THE PROPERTY MAY BE DEVELOPED WITH UP TO A MAXIMUM OF 225 SINGLE FAMILY DETACHED DWELLING UNITS.
3. AFFORDABLE HOUSING: PRIOR TO THE ISSUANCE OF THE FIRST BUILDING PERMIT, TWENTY THOUSAND DOLLARS AND NO CENTS (\$20,000.00) SHALL BE DONATED TO HOMES FOR HEROES (OR ANOTHER NON-PROFIT ORGANIZATION WITH A SUBSTANTIALLY SIMILAR MISSION STATEMENT), A SIGNED AND NOTARIZED AFFIDAVIT FROM THE BENEFITTED CHARITY SHALL BE PROVIDED AS EVIDENCE OF PERFORMANCE OF THIS COMMITMENT.
4. POLLINATOR PLANTINGS: AT LEAST FOUR ACRES OF THE LANDSCAPING PLANTED WITHIN THE DUKE ENERGY POWER LINE EASEMENT ON THE SUBJECT PROPERTY SHALL UTILIZE PLANT MATERIALS THAT ARE LISTED AS NATIVE POLLINATOR PLANTS ON NORTH CAROLINA WILDLIFE FEDERATION ('NCWF') OR OTHER RESOURCES FOR NATIVE PLANTS RECOMMENDED BY THE NCWF. THIS LANDSCAPE ELEMENT SHALL BE IDENTIFIED AS A 'FEATURE' IN THE APPROPRIATE PROPOSED LOT WITHIN THE PRELIMINARY SUBDIVISION PLAT DRAWINGS, AND THEN AGAIN IDENTIFIED AND FULLY DETAILED ON LANDSCAPE PLAN DRAWINGS INCLUDED IN THE CONSTRUCTION INFRASTRUCTURE DRAWINGS, AND THIS SHALL BE CONSIDERED INFRASTRUCTURE THAT IS INSPECTED FOR (INSTALLATION) COMPLIANCE BY/AT THE TIME OF SUBDIVISION CLOSE-OUT. APPLICANT MAY PROVIDE THIS FEATURE EARLIER IN THE DEVELOPMENT PROCESS BY EVIDENCE OF PHOTO DOCUMENTATION AND INSPECTION REPORT BY THE TOWN INFRASTRUCTURE INSPECTOR OR OTHER STAFF.
5. RECREATIONAL AMENITIES: THE FOLLOWING RECREATIONAL AMENITIES SHALL BE PROVIDED GENERALLY AS SHOWN ON THE RECREATIONAL AMENITIES PLAN ATTACHED HERETO AS EXHIBIT TWO AS A PART OF THE DEVELOPMENT OF THE SUBJECT PROPERTY AND SHALL BE DEDICATED TO THE SUBDIVISION'S HOMEOWNER'S ASSOCIATION (HOA). THESE AMENITIES SHALL BE IDENTIFIED AS A 'FEATURE' IN THE APPROPRIATE PROPOSED LOT WITHIN THE PRELIMINARY SUBDIVISION PLAT DRAWINGS, AND THEN AGAIN IDENTIFIED AND DETAILED IN THE CONSTRUCTION INFRASTRUCTURE DRAWINGS, AND THIS SHALL BE CONSIDERED INFRASTRUCTURE THAT IS INSPECTED FOR (INSTALLATION) COMPLIANCE BY/AT THE TIME OF SUBDIVISION CLOSE-OUT. APPLICANT MAY PROVIDE THIS FEATURE EARLIER IN THE DEVELOPMENT PROCESS BY EVIDENCE OF PHOTO DOCUMENTATION AND INSPECTION REPORT BY THE TOWN INFRASTRUCTURE INSPECTOR OR OTHER STAFF.
6. FOUNDATIONS: ALL HOMES SHALL INCLUDE EITHER CRAWL SPACE FOUNDATIONS OR STEM WALL FOUNDATION (AS THEY ARE GENERALLY DEFINED IN THE HOME BUILDING INDUSTRY). ANY STEM WALL FOUNDATIONS SHALL HAVE AN AVERAGE OF AT LEAST EIGHTEEN INCHES (18') IN HEIGHT OF REVEAL ABOVE THE FINISHED GROUND SURFACE ACROSS THE FRONT FAÇADE OF THE HOME. THERE SHALL BE NO EXPOSED CONCRETE ON ANY PORTION OF THE STEM WALL FOUNDATION ON ANY SIDE OF THE HOME FACING AND DIRECTLY PARALLEL TO A PUBLIC STREET. COMPLIANCE WITH THIS CONDITION SHALL BE DEMONSTRATED BY NOTING THE FOLLOWING ON THE PLANS SUBMITTED WITH THE RESIDENTIAL BUILDING PERMIT APPLICATION: I) THE AVERAGE STEM WALL HEIGHT FOR THE FRONT FAÇADE OF THE STEM WALL FOUNDATION, AND II) THE BUILDING MATERIALS TO BE USED (STONE VENEER OR BRICK) ON THE STEM WALL FOUNDATION FAÇADE ON ANY SIDE OF THE HOME FACING A PUBLIC STREET.
7. MINIMUM DWELLING SIZE: EACH SINGLE FAMILY DETACHED DWELLING UNIT SHALL CONTAIN A MINIMUM GROSS BUILDING SQUARE FOOTAGE OF 2,000 SQUARE FEET.
8. DRIVEWAY ACCESS TO NEIGHBORING PROPERTIES: TWO PRIVATE DRIVEWAYS (SHOWN AS DRIVEWAY A AND DRIVEWAY B ON THE ATTACHED EXHIBIT ONE) SHALL BE CONSTRUCTED TO CONNECT THE PROPERTY TO THE TWO ADJACENT PROPERTIES (IDENTIFIED AS WAKE COUNTY PIN'S 1757657746 & 1757658917) THAT CURRENTLY ACCESS MITCHELL MILL ROAD VIA THE PRIVATE ROAD KNOWN AS ROCK FARM ROAD (THE 'ROCK FARM ROAD PROPERTIES'). ROCK FARM ROAD WILL BE ABANDONED AND REMOVED IN CONNECTION WITH THE DEVELOPMENT OF THE PROPERTY. ACCESS EASEMENTS SHALL BE PROVIDED TO THE ROCK FARM ROAD PROPERTIES TO PROVIDE INGRESS/EGRESS TO THE ROCK FARM ROAD PROPERTIES THROUGH DRIVEWAY A AND DRIVEWAY B PRIOR TO THE ABANDONMENT AND REMOVAL OF ROCK FARM ROAD.
9. GREENWAY AND SHARED USE PATH: A 10' WIDE PUBLIC SHARED USE PATH (LABELED AS 'SHARED USE PATH' ON THE ATTACHED EXHIBIT ONE) SHALL BE CONSTRUCTED AND DEDICATED TO THE TOWN TO CONNECT TO THE 10' WIDE PUBLIC GREENWAY (LABELED AS THE PUBLIC GREENWAY ON THE ATTACHED EXHIBIT ONE).
10. FUTURE GREENWAY EXPANSION: THE 50' WIDE 'GREENWAY EASEMENT' AS SHOWN ON EXHIBIT ONE, SHALL BE DEDICATED TO THE TOWN AS A FUTURE PUBLIC GREENWAY.
11. CONSTRUCT A WESTBOUND(MITCHELL MILL ROAD) RIGHT-TURN LANE WITH 50' OF STORAGE AT THE SITE ACCESS #1.

Table with columns for REVISIONS, DATE, and BY.



STRONGROCK ENGINEERING GROUP logo and contact information: STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2766 | 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

Table with columns: STRONG ROCK PROJECT, NOT FOR CONSTRUCTION, SCALE AS SHOWN, DESIGNED BY JWL, SRG, DRAWN BY, CHECKED BY JWL.

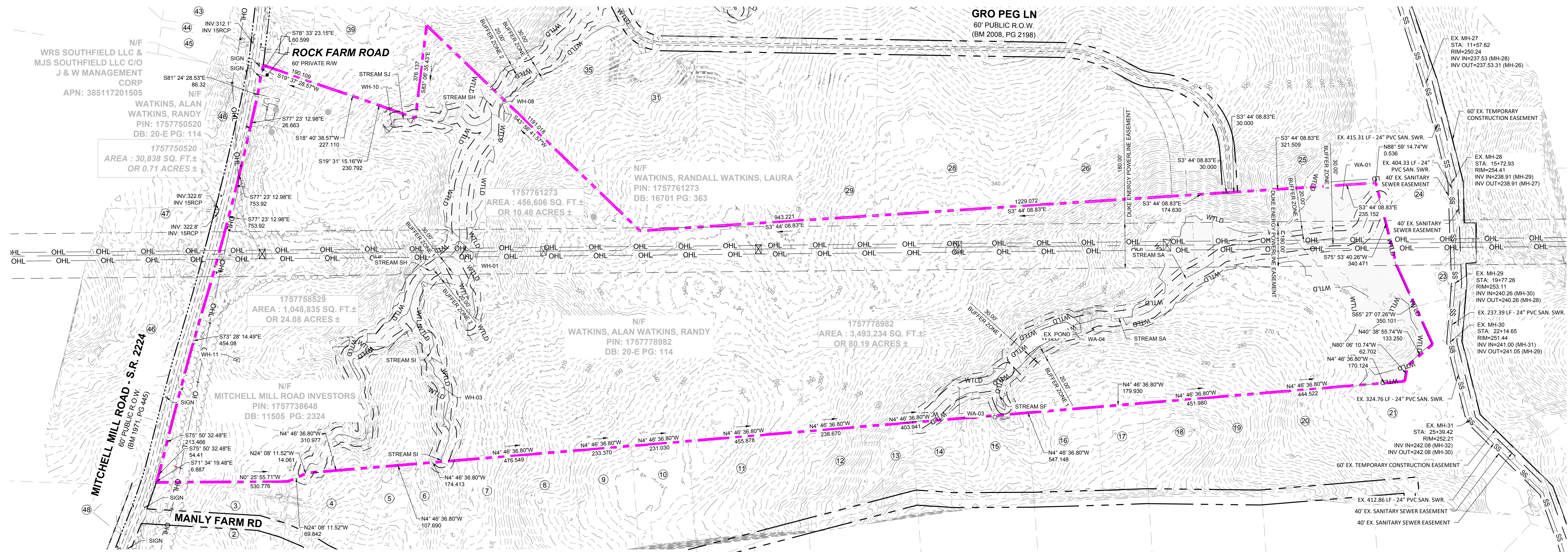
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
ZONING CONDITIONS

DRAWING SHEET
C-1.1

02 OF 88

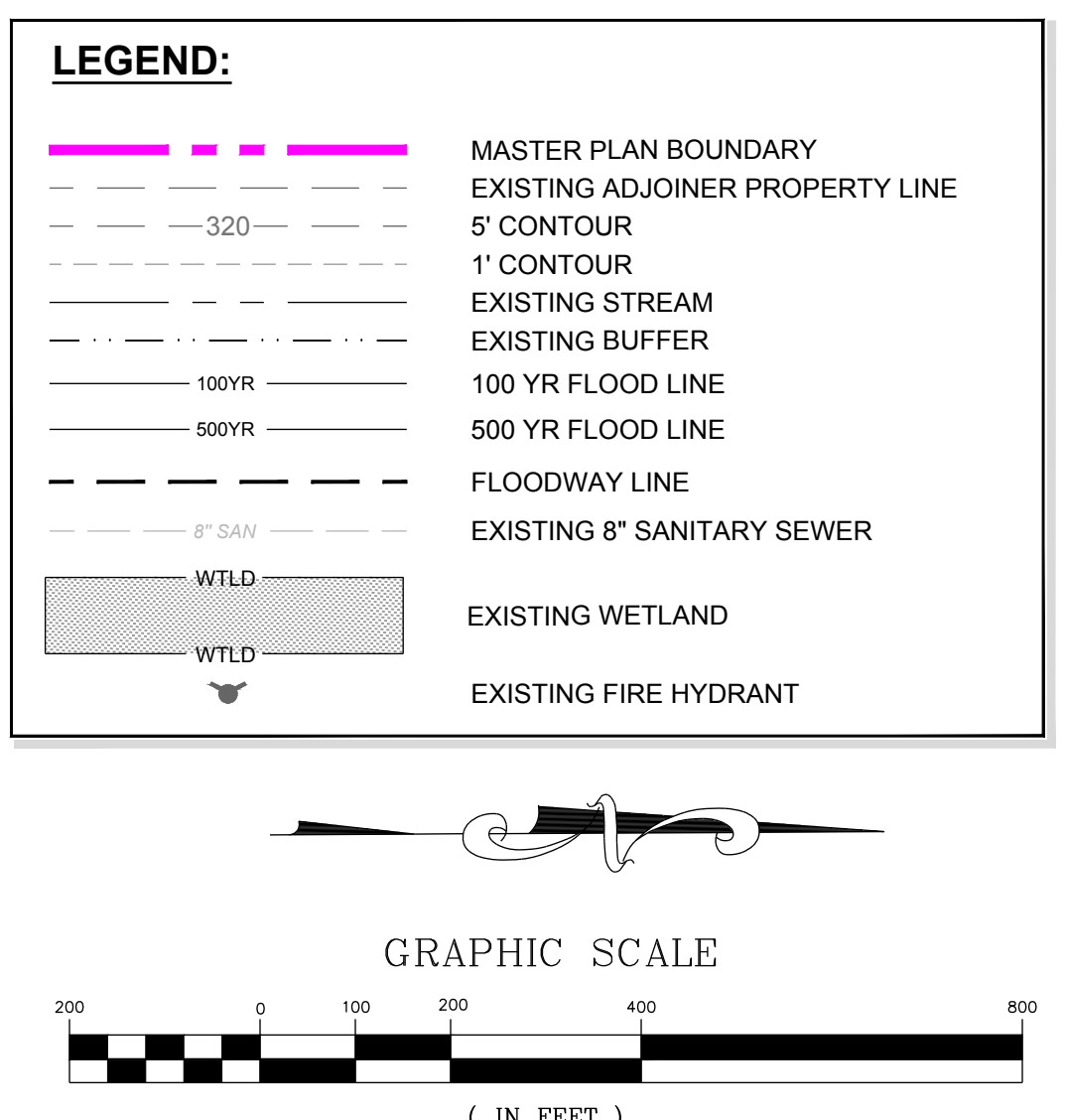
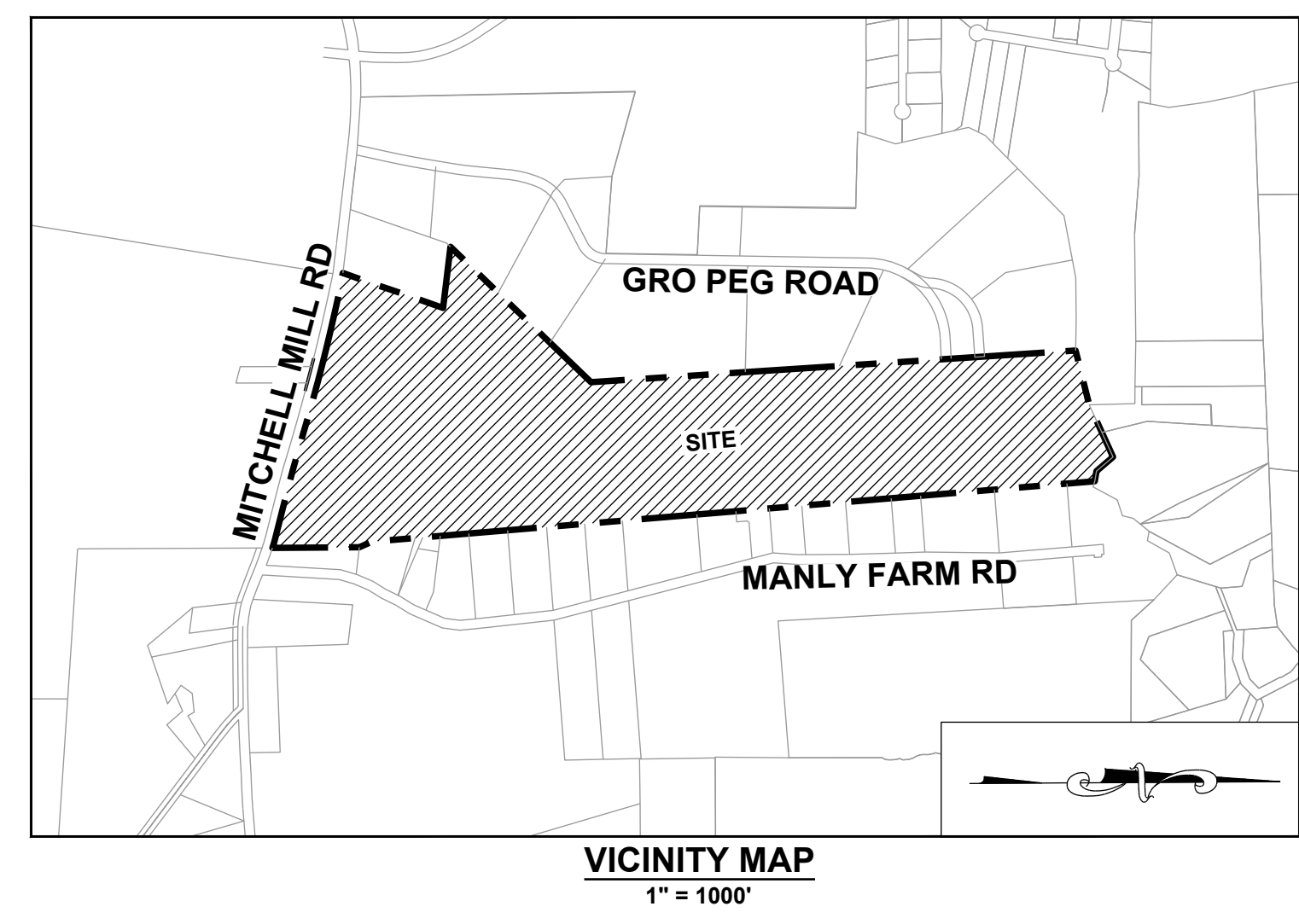
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The foregoing zoning conditions have been voluntarily offered by the property owner. This page may be photocopied if additional space is needed.
Signatures and dates for Alan Watkins, Randy Watkins, Laura Watkins, and Randall Watkins.
Print Name: Alan Watkins & Melody Watkins
Print Name: Randy & Donna Watkins
Print Name: Laura Watkins
Print Name: Randall Watkins
Print Name: Ellis Land Investment Company, LLC
By: Stephen Ellis, Manager

Exhibit Three
REZ-24-02/Hills at Harris Creek
Conditions of Approval
Date: April 30, 2024
1. The subject property shall be developed generally in accordance with the Concept Sketch Plan attached hereto as Exhibit One and incorporated herein as if fully set out. Locations shown for committed elements including, but not limited to Greenways, streets, and open space areas shown on the Concept Sketch Plan, are conceptual and provided for illustration and context only. Final locations of elements shall be determined at subsequent stages through the Town's development review approval processes.
2. Density: The property may be developed with up to a maximum of 225 single family detached dwelling units.
3. Affordable Housing: Prior to the issuance of the first building permit, Twenty Thousand Dollars and No Cents (\$20,000.00) shall be donated to Homes for Heroes (or another non-profit organization with a substantially similar mission statement). A signed and notarized affidavit from the benefitted charity shall be provided as evidence of performance of this commitment.
4. Pollinator Plantings: At least four acres of the landscaping planted within the Duke Energy power line easement on the subject property shall utilize plant materials that are listed as Native Pollinator Plants on North Carolina Wildlife Federation ('NCWF') or other resources for native plants recommended by the NCWF. This landscape element shall be identified as a 'feature' in the appropriate proposed Lot within the Preliminary Subdivision Plat drawings, and then again identified and fully detailed on landscape plan drawings included in the Construction Infrastructure Drawings, and this shall be considered infrastructure that is inspected for (installation) compliance by/at the time of subdivision close-out. Applicant may provide this feature earlier in the development process by evidence of photo documentation and inspection report by the Town infrastructure inspector or other staff.
5. Recreational Amenities: The following recreational amenities shall be provided generally as shown on the Recreational Amenities Plan attached hereto as Exhibit Two as a part of the development of the subject property and shall be dedicated to the subdivision's homeowner's association (HOA). These amenities shall be identified as a 'feature' in the appropriate proposed Lot within the Preliminary Subdivision Plat drawings, and then again identified and detailed in the Construction Infrastructure Drawings, and this shall be considered infrastructure that is inspected for (installation) compliance by/at the time of subdivision close-out. Applicant may provide this feature earlier in the development process by evidence of photo documentation and inspection report by the Town infrastructure inspector or other staff.
i. A swimming pool and cabana, including changing rooms and restrooms shall be constructed prior to the issuance of the 150th residential dwelling unit building permit;
ii. At least one fenced playground shall be constructed prior to the issuance of the 150th residential dwelling unit building permit;
iii. At least one fenced dog park shall be constructed prior to the issuance of the 150th residential dwelling unit building permit;
iv. At least one (1) garden park shall be provided prior to the issuance of the 200th residential dwelling unit building permit.
6. Foundations: All homes shall include either crawl space foundations or stem wall foundation (as they are generally defined in the home building industry). Any stem wall foundations shall have an average of at least eighteen inches (18') in height of reveal above the finished ground surface across the front facade of the home. There shall be no exposed concrete on any portion of the stem wall foundation on any side of the home facing and directly parallel to a public street. Compliance with this condition shall be demonstrated by noting the following on the plans submitted with the residential building permit application: i) the average stem wall height for the front facade of the stem wall foundation, and ii) the building materials to be used (stone veneer or brick) on the stem wall foundation facade on any side of the home facing a public street.
7. Minimum Dwelling Size: Each single family detached dwelling unit shall contain a minimum gross building square footage of 2,000 square feet.
8. Driveway Access to Neighboring Properties: Two private driveways (shown as Driveway A and Driveway B on the attached Exhibit One) shall be constructed to connect the property to the two adjacent properties (identified as Wake County PIN's 1757657746 & 1757658917) that currently access Mitchell Mill Road via the private road known as Rock Farm Road (the 'Rock Farm Road Properties'). Rock Farm Road will be abandoned and removed in connection with the development of the property. Access easements shall be provided to the Rock Farm Road Properties to provide ingress/egress to the Rock Farm Road Properties through Driveway A and Driveway B prior to the abandonment and removal of Rock Farm Road.
9. Greenway and Shared Use Path: A 10' wide public shared use path (labeled as 'Shared Use Path' on the attached Exhibit One) shall be constructed and dedicated to the Town to connect to the 10' wide public greenway (labeled as the Public Greenway on the attached Exhibit One).
10. Future Greenway Expansion: The 50' wide 'Greenway Easement' as shown on Exhibit One, shall be dedicated to the Town as a future public greenway.



ADJOINER INFORMATION			
1	N/F MILLS, JOSEPHUS DANIELS PIN: 175785243 DB: 2494 PG: 586 ZONING: R-30 (WC) USE: SF	13	N/F ADAMS, BENJAMIN ADAMS, WHITNEY PIN: 1757814938 DB: 18530 PG: 1511 BM 2006 PG 2397 ZONING: R-30 (WC) USE: SF
2	N/F JONES, CHARLES SPENCER JONES, SHARON PIN: 1757856303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG	14	N/F JONES PROPERTIES LLC PIN: 1757884137 DB: 11404 PG: 2275 BM 1986 PG 01374 ZONING: R-30 (WC) USE: MO
3	N/F JONES, CHARLES, ET AL PIN: 1757856303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG	15	N/F JONES PROPERTIES LLC PIN: 1757884420 DB: 12589 PG: 1045 BM 1986 PG 1374 ZONING: R-30 (WC) USE: MO
4	N/F JONES PROPERTIES LLC PIN: 1757856755 DB: 12995 PG: 505 BM 1993 PG: 446 ZONING: R-30 (WC) USE: SF	16	N/F JONES, CHARLES SPENCE PIN: 1757884608 DB: 5319 PG: 135 BM 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
5	N/F JONES, CHARLES SPENCER PIN: 175787937 DB: 9320 PG: 1460 BM 1993 PG: 446 ZONING: R-30 (WC) USE: SF	17	N/F JONES, CHARLES SPENCE PIN: 1757883881 DB: 5319 PG: 135 BM 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
6	N/F ANDERSON, BOBBY G PIN: 1757868104 DB: 8776 PG: 573 BM 1993 PG: 446 ZONING: R-30 (WC) USE: MO	18	N/F JONES, CHARLES SPENCE PIN: 1757884101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF
7	N/F HERNANDEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1906 BM 1990 PG: 132 ZONING: R-30 (WC) USE: MO	19	N/F JONES, CHARLES SPENCE PIN: 1757893394 DB: 2478 PG: 210 ZONING: R-30 (WC) USE: MO
8	N/F GOLD, SHARIE PIN: 1757866660 DB: PG: BM 1990 PG: 00623 ZONING: R-30 (WC) USE: SF	20	N/F RGA CONSULTING LLC PIN: 1757895646 DB: 15770 PG: 1169 BM 2010 PG: 725 ZONING: R-30 (WC) USE: VA
9	N/F LEFRANCOIS CONSTRUCTION CO INC PIN: 1757866852 DB: 18468 PG: 2535 BM 2002 PG: 352 ZONING: R-30 (WC) USE: VA	21	N/F JONES PROPERTIES LLC PIN: 1758805144 DB: 11187 PG: 542 BM 1971 PG: 445 ZONING: R-30 (WC) USE: SF
10	N/F LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA PIN: 1757876015 DB: 14356 PG: 1438 BM 2002 PG: 352 ZONING: R-30 (WC) USE: SF	22	N/F DAVIS, WILLIAM C DAVIS, KAREN M PIN: 1758709579 DB: 3425 PG: 292 BM 1985 PG: 208 ZONING: RL (RO) USE: SF
11	N/F BEATTIE, LENORA M PIN: 1757875349 DB: 07-E PG: 2834 ZONING: R-30 (WC) USE: SF	23	N/F FORRESTER, JENNIFER N FORRESTER, HAYES G PIN: 1758707313 DB: 12620 PG: 2172 ZONING: RL (RO) USE: SF
12	N/F LEFRANCOIS, STEPHEN D PIN: 1757874787 DB: 5638 PG: 497 ZONING: R-30 (WC) USE: SF	24	N/F JONES, CHARLES E PIN: 1757894902 DB: 8581 PG: 2079 BM 2018 PG: 390 ZONING: RL (RO) USE: VA

ADJOINER INFORMATION			
25	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757790646 DB: 14863 PG: 2493 BM 2008 PG 2198 ZONING: R-30 (WC) USE: VA	37	N/F MT CALVARY HOLINESS CHURCH OF WAKE CO INC PIN: 1757660324 DB: 10124 PG: 2778 BM 2002 PG 991 ZONING: R-30 (WC) USE: EX
26	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757781960 DB: 14863 PG: 2493 BM 2009 PG 645 ZONING: R-30 (WC) USE: VA	38	N/F UNDERHILL, G ARCHIE JR UNDERHILL, TERESSA C PIN: 1757653765 DB: 8443 PG: 2129 BM 1999 PG 1357 ZONING: R-30 (WC) USE: SF
27	N/F GRO PEG PROPERTIES LLC PIN: 1757884697 DB: 18359 PG: 1707 BM 1986 PG 394 ZONING: R-30 (WC) USE: VA	39	N/F PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656866 DB: 1882 PG: 342 ZONING: R-30 (WC) USE: S
28	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757780258 DB: 14863 PG: 2493 BM 2008 PG 2198 ZONING: R-30 (WC) USE: SF	40	N/F CECIL L GOODNIGHT AND WIFE, JUDY J GOODNIGHT PIN: 1757656296 DB: 5344 PG: 619 ZONING: R-30 (WC) USE: SF
29	N/F GRO PEG PROPERTIES LLC PIN: 1757776033 DB: 18359 PG: 1707 BM 2023 PG 333 ZONING: R-30 (WC) USE: VA	41	N/F BETTY H PARTIN PIN: 1757653216 DB: 17435 PG: 1751 LOT 2 - BM 1985 PG 88 ZONING: R-30 (WC) USE: SF
30	N/F FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 175772106 DB: 19307 PG: 800 BM 2023 PG 333 ZONING: R-30 (WC) USE: VA	42	N/F PARTIN, BETTY H PIN: 1757654381 DB: 17435 PG: 1751 BM 1985 PG 88 ZONING: R-30 (WC) USE: SF
31	N/F FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 1757770001 DB: 19307 PG: 800 BM 2023 PG 333 ZONING: R-30 (WC) USE: VA	43	N/F UTILITY THREE BUILDERS INC PIN: 1757646703 DB: 18226 PG: 2104 ZONING: R-30 (WC) USE: SF
32	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757675786 DB: 14863 PG: 2493 BM 1986 PG 394 ZONING: R-30 (WC) USE: VA	44	N/F WILLIE RAY SUTTON AND WIFE, PAMELA Z SUTTON PIN: 1757657280 DB: 2658 PG: 536 BM 1981 PG 895 ZONING: R-30 (WC) USE: VA
33	N/F HC ROLESVILLE INVESTMENTS LLC PIN: 1757571035 DB: 19587 PG: 1804 ZONING: R-30 (WC) USE: SF	45	N/F MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 ZONING: R-30 (WC) USE: SF
34	N/F GRO PEG PROPERTIES LLC PIN: 1757684956 DB: 20-E PG: 1940 BM 1982 PG: 581 ZONING: R-30 (WC) USE: VA	46	N/F SOUTHVIEW INVESTMENT LLC PIN: 1757738451 DB: 19248 PG: 2000 ZONING: R-30 (WC) USE: SF
35	N/F GRO PEG PROPERTIES LLC PIN: 1757687830 DB: 19081 PG: 2786 BM 2022 PG: 1203 ZONING: R-30 (WC) USE: VA	47	N/F MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 BM 1990 PG: 511 ZONING: R-30 (WC) USE: SF
36	N/F VILLANUEVA, PHILIP SHELLEY VILLANUEVA, NADIA SULTA PIN: 1757695501 DB: 19104 PG: 1732 BM 2022 PG: 1203 ZONING: R-30 (WC) USE: SF	48	N/F JONES, CHARLES SPENCER PIN: 1757944104 DB: 16822 PG: 904 BM 2016 PG: 1736 ZONING: R-30 (WC) USE: AG



BY	
DATE	
REVISIONS	
No.	

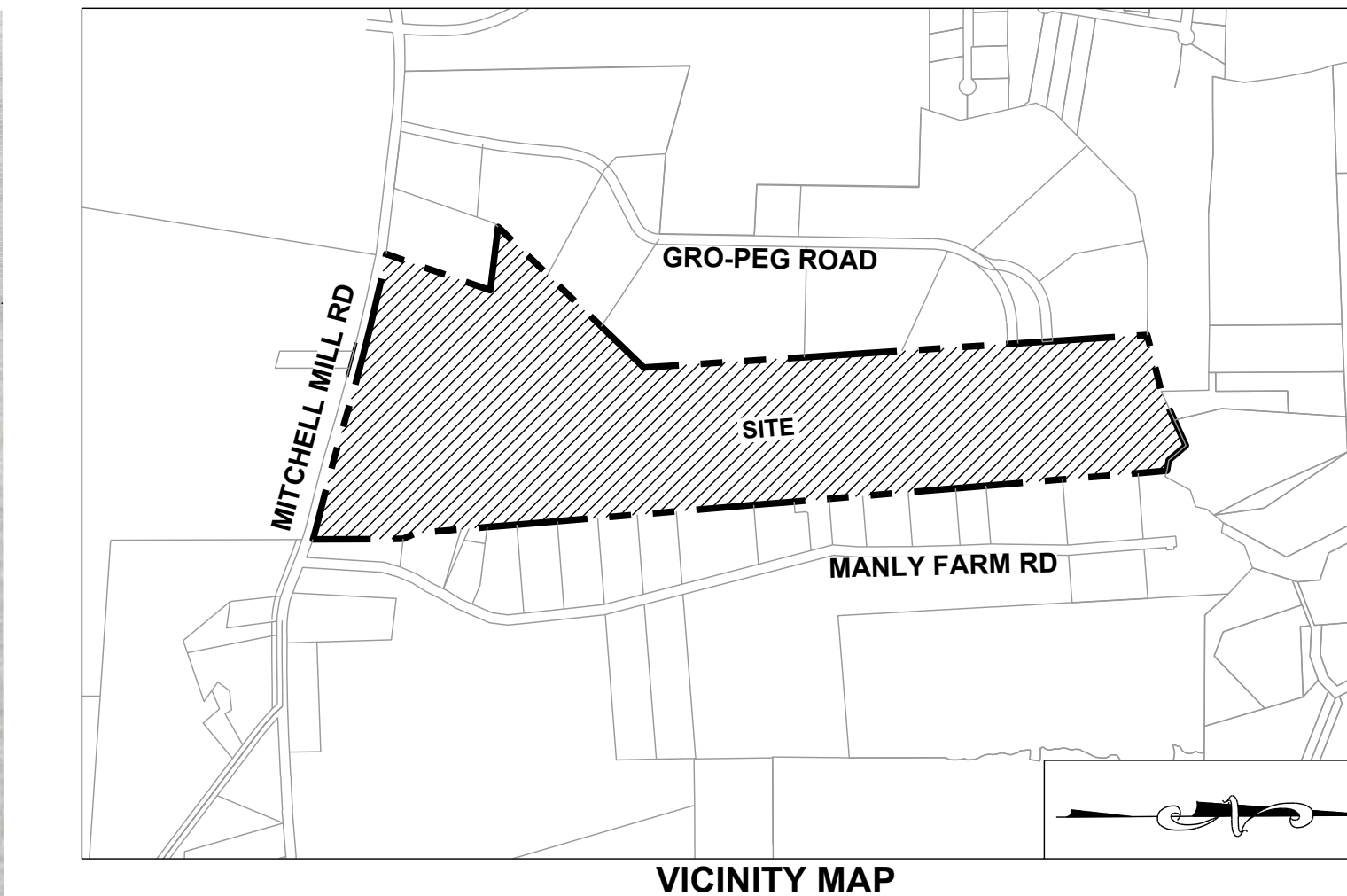
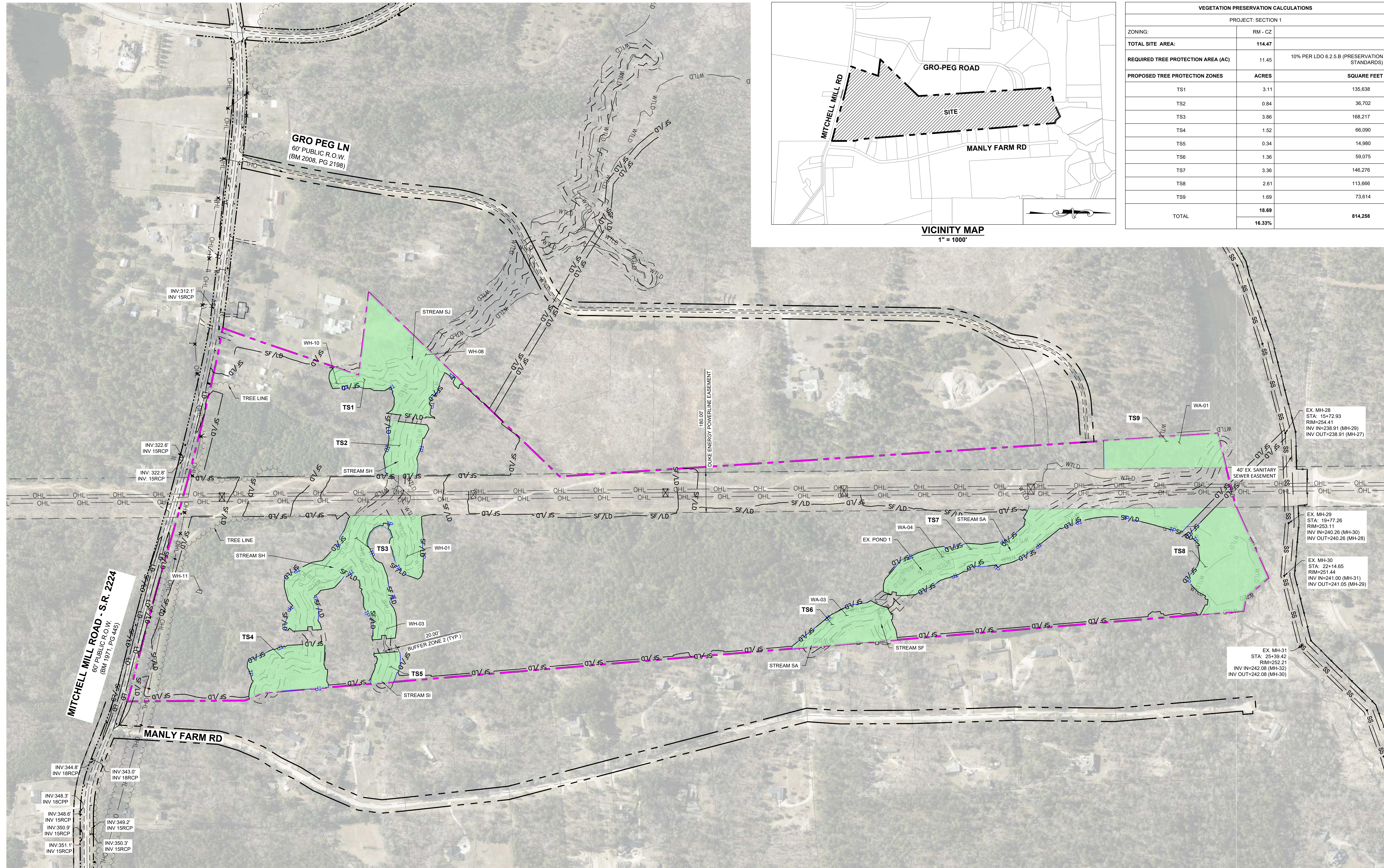
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EXISTING CONDITIONS PLAN

DRAWING SHEET
C-3.0

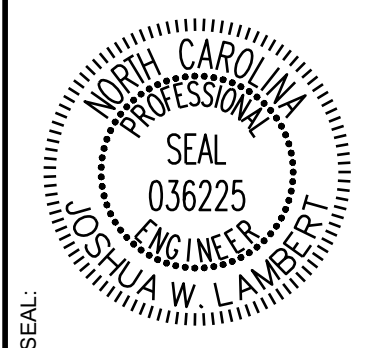
05 OF 88

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VEGETATION PRESERVATION CALCULATIONS		
PROJECT: SECTION 1		
ZONING:	RM - CZ	
TOTAL SITE AREA:	114.47	
REQUIRED TREE PROTECTION AREA (AC)	11.45	10% PER LDO 6.2.5.B (PRESERVATION STANDARDS)
PROPOSED TREE PROTECTION ZONES	ACRES	SQUARE FEET
TS1	3.11	135,638
TS2	0.84	36,702
TS3	3.86	168,217
TS4	1.52	66,090
TS5	0.34	14,980
TS6	1.36	59,075
TS7	3.36	146,276
TS8	2.61	113,666
TS9	1.69	73,614
TOTAL	18.69	814,258
	16.33%	

NO.	REVISIONS	DATE	BY



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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY
			JWL	SRG	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

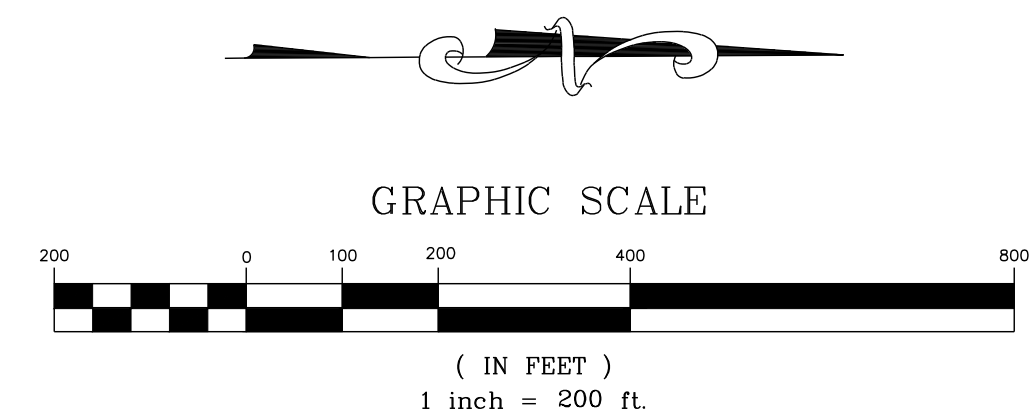
CONSTRUCTION PLANS
TREE PROTECTION PLAN

DRAWING SHEET
C-3.1

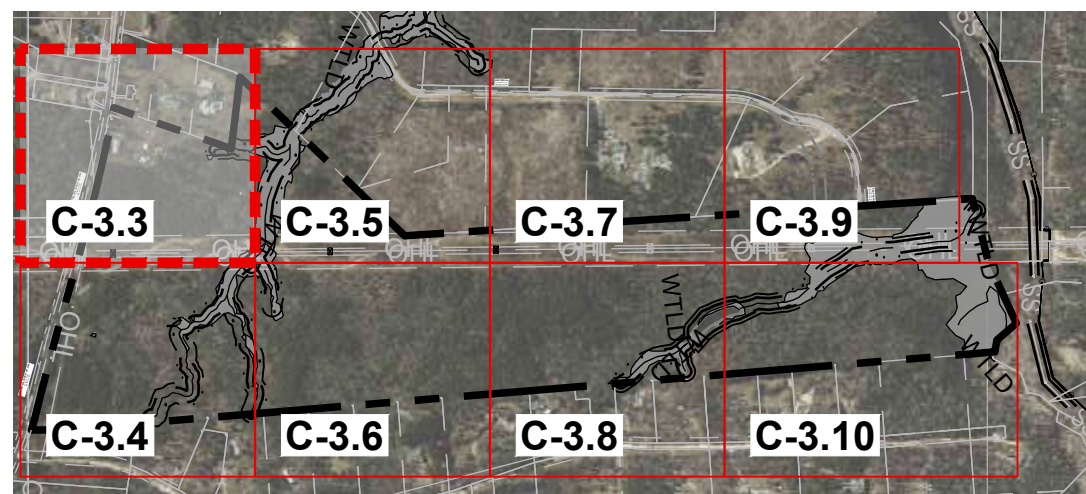
06 OF 88

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:			
	PROPERTY LINE		TREES TO BE PRESERVED
	EXISTING ADJOINER PROPERTY LINE		TREES TO BE REMOVED
	EXISTING STREAM		CRZ FOR TREES TO BE PRESERVED
	EXISTING BUFFER		CRZ FOR TREES TO BE REMOVED
	FLOODWAY LINE		LIMIT OF DISTURBANCE
	EXISTING 8" SANITARY SEWER		SILT FENCE/LIMIT OF DISTURBANCE
	TREE PROTECTION FENCE		TREE PROTECTION AREA - NC ZONE
	EXISTING FIRE HYDRANT		
	EXISTING WETLAND		
	TREE PROTECTION AREA - NC ZONE		



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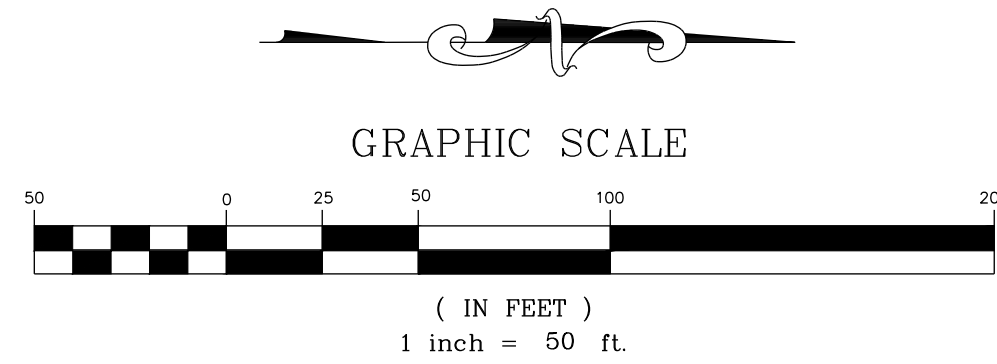
SITE KEY PLAN

LEGEND:

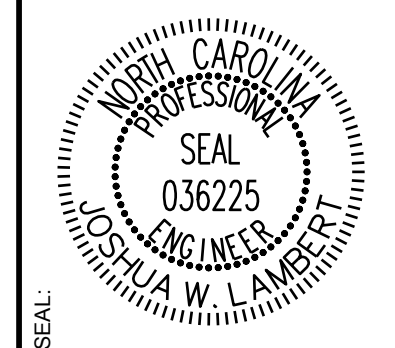
SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



NO.	REVISIONS	DATE	BY



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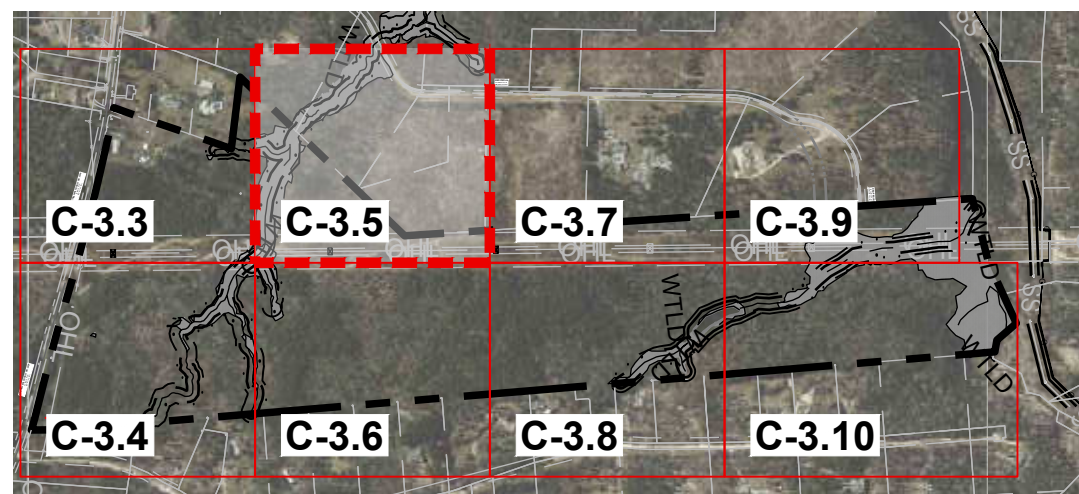
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP I

DRAWING SHEET
C-3.3

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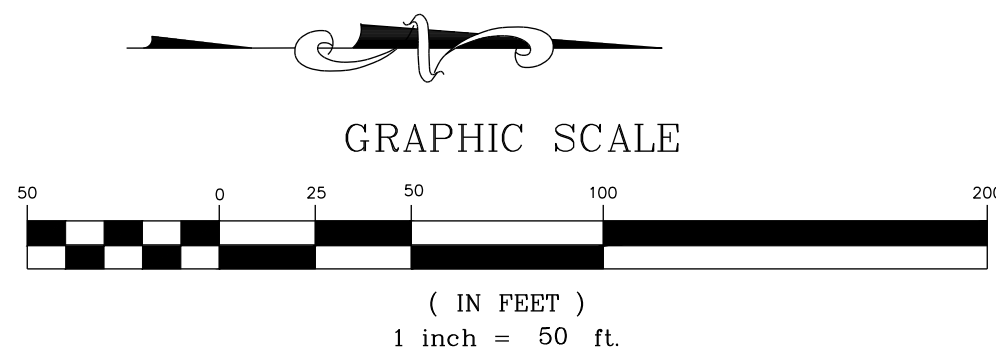
SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

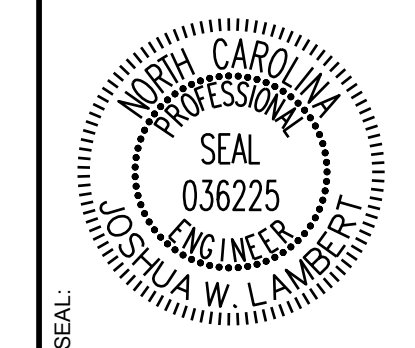


FOR CONTINUATION, SEE C-3.3
MATCH LINE

MATCH LINE
FOR CONTINUATION, SEE C-3.7

MATCH LINE
FOR CONTINUATION, SEE C-3.6

No.	REVISIONS	DATE	BY



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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	DRAWN BY	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP III

DRAWING SHEET
C-3.5

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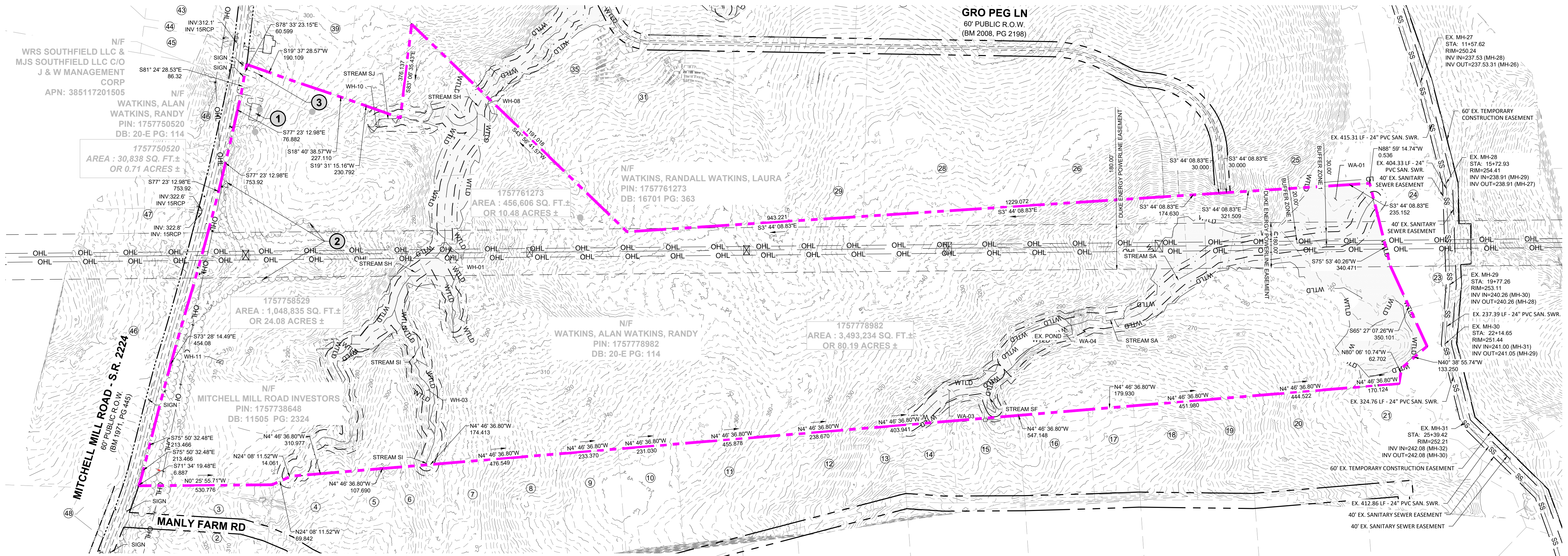
Tree Code	Botanical Name	Dbh 1	Condition Class
1	QUNI	20	Fair
2	PITA	25	Fair
3	CEOC	26	Fair
4	ULAL	23	Fair
5	PIST	25	Fair
6	CAIL	28	Fair
7	CAIL	22	Fair
8	PITA	21	Fair
9	PITA	20	Fair
10	PITA	24	Fair
11	PITA	26	Fair
12	PITA	24	Fair
13	PITA	23	Fair
14	PITA	21	Fair
15	LITU	18	Fair
16	PITA	26	Fair
17	PITA	24	Fair
18	PITA	21	Fair
19	PITA	25	Fair
20	PITA	20	Fair
21	PITA	21	Fair
22	LITU	21	Fair
23	PITA	33	Poor
24	PITA	26	Fair
25	PITA	24	Fair
26	PLOC	29	Fair
27	PLOC	27	Fair
28	ULAM	18	Poor
29	PITA	24	Fair
30	LITU	25	Fair
31	LITU	21	Fair
32	LITU	20	Fair
33	LITU	25	Fair
34	LITU	21	Fair
35	LITU	19	Fair
36	ULAM	18	Fair
37	LITU	24	Fair
38	LITU	28	Poor
39	CEOC	21	Fair
40	LIST	17	Fair
41	PITA	24	Fair
42	QUAL	21	Fair
43	PITA	24	Fair
44	PITA	25	Fair
45	CATO	21	Fair
46	LITU	25	Fair
47	PITA	20	Fair
48	PITA	26	Fair
49	LITU	24	Fair
50	LITU	19	Fair
51	PITA	25	Fair
52	LITU	26	Fair
53	LITU	22	Fair
54	LITU	24	Fair
55	LITU	26	Fair
56	LITU	25	Fair
57	LITU	26	Fair
58	LITU	27	Fair
59	LITU	20	Fair
60	LITU	27	Fair
61	LIST	24	Fair
62	QUFA	18	Fair
63	PITA	21	Fair
64	PITA	40	Fair
65	LITU	24	Fair
66	LITU	18	Fair
67	LITU	22	Fair
68	ACRU	22	Poor
69	LITU	21	Fair
70	LITU	28	Fair
71	LITU	21	Fair
72	PITA	24	Fair
73	PITA	20	Fair
74	PITA	22	Fair
75	LITU	26	Fair
76	QUFA	26	Fair
77	QUAL	25	Fair
78	QUFA	28	Fair
79	QUAL	20	Fair
80	QUAL	30	Fair
81	QURU	19	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
82	QUAL	24	Fair
83	QURU	20	Fair
84	LITU	26	Fair
85	QURU	19	Fair
86	QUAL	32	Fair
87	QUAL	18	Fair
88	QUAL	24	Fair
89	QUAL	33	Fair
90	QUAL	22	Fair
91	QUAL	24	Fair
92	PITA	24	Fair
93	PITA	25	Fair
94	PITA	25	Fair
95	PITA	31	Fair
96	PITA	25	Fair
97	PITA	24	Fair
98	LIST	19	Fair
99	ULAL	18	Fair
100	LITU	21	Fair
101	PITA	24	Fair
102	PITA	21	Fair
103	LITU	31	Fair
104	PITA	24	Fair
105	ACRU	23	Fair
106	NYSY	18	Fair
107	PITA	24	Fair
108	PITA	23	Fair
109	LITU	24	Fair
110	LIST	19	Fair
111	PITA	25	Fair
112	PITA	20	Fair
113	PITA	21	Fair
114	PITA	26	Fair
115	QUAL	48	Fair
116	ACRU	18	Fair
117	QUAL	26	Fair
118	QUAL	25	Fair
119	LITU	19	Fair
120	PITA	21	Fair
121	PITA	20	Fair
122	QUAL	20	Fair
123	QUAL	27	Fair
124	ACRU	20	Fair
125	CATO	25	Fair
126	ACRU	25	Fair
127	QUAL	20	Fair
128	PITA	25	Fair
129	ACRU	20	Fair
130	PITA	24	Fair
131	QUAL	21	Fair
132	CATO	18	Fair
133	QUAL	25	Fair
134	OXAR	18	Fair
135	ACRU	18	Fair
136	QUAL	20	Fair
137	QUAL	25	Fair
138	QURU	20	Fair
139	QUAL	18	Fair
140	QURU	18	Fair
141	QURU	20	Fair
142	LITU	20	Fair
143	QURU	20	Fair
144	LITU	24	Fair
145	QURU	19	Fair
146	FRAM	24	Fair
147	QUAL	19	Fair
148	LITU	24	Fair
149	PITA	20	Fair
150	PITA	20	Fair
151	PITA	21	Fair
152	PITA	21	Fair
153	PITA	20	Fair
154	PITA	21	Fair
155	PITA	21	Fair
156	PITA	20	Fair
157	PITA	22	Fair
158	LIST	19	Fair
159	LIST	19	Fair
160	LIST	21	Fair
161	ACRU	25	Fair
162	ACRU	20	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
163	PITA	20	Fair
164	PITA	20	Fair
165	ACRU	25	Good
166	LITU	20	Good
167	PITA	20	Good
168	PITA	22	Fair
169	PITA	24	Fair
170	PITA	20	Good
171	PITA	26	Fair
172	PITA	24	Fair
173	QUNI	18	Good
174	QUNI	25	Dead
175	QUNI	31	Good
176	LITU	29	Poor
177	LITU	35	Fair
178	LITU	18	Good
179	PLAC1	23	Poor
180	PLAC1	18	Fair
181	LITU	36	Good
182	PLAC1	25	Good
183	LITU	28	Good
184	LIST	18	Good
185	LIST	21	Good
186	LITU	24	Fair
187	QUAL	18	Good
188	LITU	18	Fair
189	LITU	21	Poor
190	LITU	23	Poor
191	QUAL	22	Good
192	QUAL	24	Good
193	LITU	25	Fair
194	LITU	18	Fair
195	LITU	19	Fair
196	PLAC1	23	Good
197	LITU	20	Fair
198	LITU	19	Good
199	LITU	18	Good
200	PITA	30	Good
201	LITU	20	Good
202	PITA	27	Good
203	PITA	28	Good
204	PITA	18	Good
205	LITU	20	Good
206	LITU	18	Good
207	ACRU	26	Good
208	ACRU	29	Fair
209	CEOC	24	Good
210	ACRU	24	Good
211	PITA	32	Good
212	ACRU	30	Poor
213	LIST	21	Good
214	PISE	31	Fair
215	ACRU	15	Fair
216	LITU	27	Fair
217	ACRU	18	Poor
218	LITU	21	Good
219	LITU	36	Good
220	LITU	20	Poor
221	LITU	32	Fair
222	LITU	35	Fair
223	LITU	22	Fair
224	ACRU	24	Fair
225	QUAL	28	Good
226	LITU	18	Fair
227	LITU	25	Poor
228	LITU	23	Good
229	LITU	23	Fair
230	LITU	26	Good
231	LITU	35	Poor
232	LITU	31	Poor
233	LITU	22	Fair
234	LITU	28	Poor
235	LITU	25	Fair
236	QUAL	26	Good
237	QUAL	20	Good
238	LITU	18	Fair
239	LITU	22	Good
240	PITA	22	Good
241	LITU	22	Good
242	PLAC1	19	Good
243	LITU	18	Fair

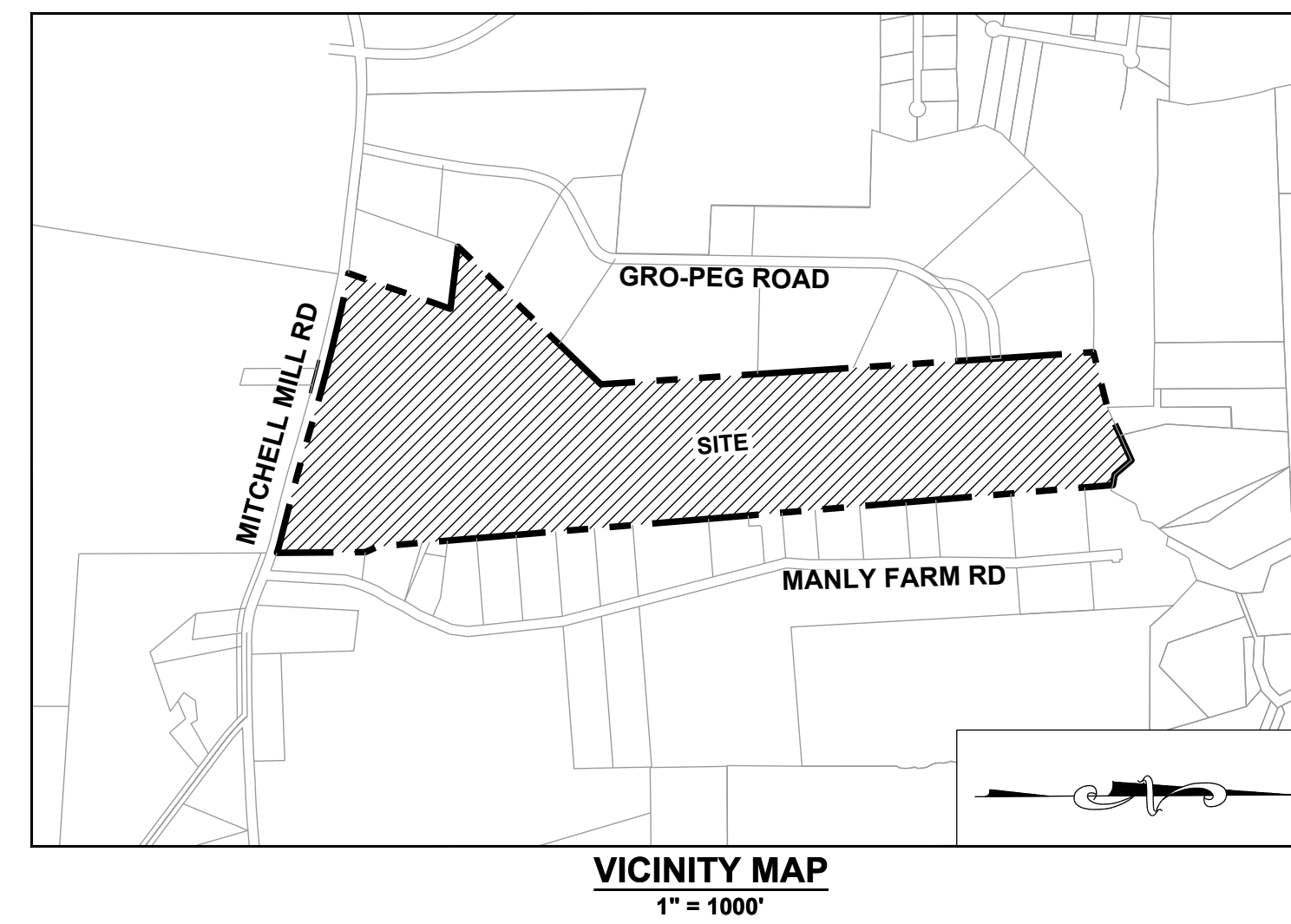
Tree Code	Botanical Name	Dbh 1	Condition Class
244	LITU	18	Good
245	QURU	19	Good
246	QURU	24	Fair
247	QUAL	18	Good
248	QUAL	25	Poor
249	QUAL	23	Poor
250	QURU	21	Good
251	QURU	19	Fair
252	ACRU	18	Poor
253	ULAM	35	Poor
254	QUAL	25	Good
255	ACRU	28	Fair
256	QUNI	18	Fair
257	ACRU	18	Good
258	LITU	19	Good
259	PLOC	38	Good
260	LITU	30	Good
261	LITU	21	Good
262	LITU	24	Fair
263	LITU	31	Poor
264	LITU	42	Fair
265	LITU	24	Good
266	LITU	28	Good
267	ACRU	31	Fair
268	QUAL	33	Poor
269	QURU	24	Fair
270	QUAL	24	Good
271	QURU	31	Fair
272	PITA	27	Fair
273	QUAL	38	Fair
274	QUAL	40	Fair
275	LITU	20	Fair
276	LITU	21	Fair
277	LITU	24	Fair
278	PITA	23	Dead
279	ACRU	24	Dead
280	LITU	26	Fair
281	PLOC	28	Poor
282	LITU	28	Fair
283	PITA	23	Fair
284	PITA	24	Dead
285	PITA	24	Fair
286	PLOC	24	Fair
287	LITU	25	Dead
288	LITU	22	Fair
289	LITU	16	Poor
290	LIST	24	Fair
291	LIST	18	Fair
292	LITU	28	Fair
293	PITA	24	Fair
294	PLOC	23	Fair
295	ACRU	24	Poor
296	LITU	20	Fair
297	QURU	26	Fair
298	LITU	20	Fair
299	QUAL	19	Fair
300	PITA	21	Fair
301	LITU	18	Fair
302	PITA	20	Fair
303	QUFA	20	Fair
304	LITU	20	Fair
305	QURU	20	Fair
306	PITA	20	Fair
307	PITA	20	Fair
308	PITA	20	Fair
309	PITA	24	Fair
310	PITA	20	Fair
311	QURU	18	Fair
312	QUAL	20	Fair
313	PITA	21	Fair
314	PITA	21	Fair
315	PITA	20	Fair
316	PITA	20	Fair
317	LITU	23	Fair
318	LITU	20	Fair
319	QUAL	37	Fair
320	QUAL	36	Fair
321	PITA	20	Fair
322	PITA	20	Fair
323	PITA	24	Fair
324	QUAL	23	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
325	QUAL	27	Fair
326	PITA	20	Fair
327	QUAL	27	Fair
328	PLOC	22	Fair
329	QUFA	24	Poor
330	LITU	20	Fair
331	PITA	24	Fair
332	LITU	19	Fair
333	LITU	19	Fair
334	QURU	23	Fair
335	QURU	25	Fair
336	LITU	20	Fair
337	QUFA	24	Fair
338	LITU	21	Fair
339	LITU	27	Fair
340	LITU	19	Fair
341	QUNI	20	Fair
342	QURU	19	Fair
343	LITU	18	Fair
344	LITU	18	Fair
345	LITU	19	Fair
346	PITA	23	Fair
347	PITA	23	Fair
348	ACRU	18	Fair
349	PITA	24	Fair
350	LIST	23	Fair
351	QUNI	20	Fair
352	QUNI	36	Fair
353	QUNI	32	Fair
354	PITA	20	Fair
355	LIST	20	Fair
356	LITU	24	Poor
357	LITU	24	Fair
358	LITU	19	Fair
359	LITU	19	Fair
360	LITU	25	Fair
361	LIST	18	Fair
362	QUNI	26	Fair
363	ILOP	18	Fair
364	LIST	18	Fair
365	LITU	23	Fair
366	LITU	19	Fair
367	LITU	23	Fair
368	LITU	18	Fair
369	LITU	20	Fair
370	QURU	18	Fair
371	LITU	23	



ADJOINER INFORMATION	
1	MILLS, JOSEPHUS DANIELS PIN: 175785243 DB: 2494 PG: 585 ZONING: R-30 (WC) USE: SF
2	JONES, CHARLES SPENCER JONES, SHARON PIN: 175785303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG
3	JONES, CHARLES, ET AL PIN: 175785303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG
4	JONES PROPERTIES LLC PIN: 175785755 DB: 12995 PG: 505 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: SF
5	JONES, CHARLES SPENCER PIN: 175785937 DB: 9320 PG: 1460 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: SF
6	ANDERSON, BOBBY G PIN: 1757868104 DB: 8776 PG: 573 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: MO
7	HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1906 BM: 1990 PG: 132 ZONING: R-30 (WC) USE: MO
8	GOLD, SHARIE PIN: 1757866660 DB: PG: BM: 1990 PG: 00623 ZONING: R-30 (WC) USE: SF
9	LEFRANCOIS CONSTRUCTION CO INC PIN: 1757866852 DB: 18468 PG: 2535 BM: 2002 PG: 352 ZONING: R-30 (WC) USE: VA
10	LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA PIN: 1757876015 DB: 14356 PG: 1438 BM: 2002 PG: 352 ZONING: R-30 (WC) USE: SF
11	BEATTIE, LENORA M PIN: 1757875349 DB: 07-E PG: 2834 ZONING: R-30 (WC) USE: SF
12	LEFRANCOIS, STEPHEN D PIN: 1757874787 DB: 5638 PG: 497 ZONING: R-30 (WC) USE: SF

ADJOINER INFORMATION	
13	ADAMS, BENJAMIN ADAMS, WHITNEY PIN: 1757874938 DB: 18590 PG: 1511 BM: 2006 PG: 2397 ZONING: R-30 (WC) USE: SF
14	JONES PROPERTIES LLC PIN: 1757884137 DB: 11404 PG: 2275 BM: 1986 PG: 01374 ZONING: R-30 (WC) USE: MO
15	JONES PROPERTIES LLC PIN: 1757884420 DB: 12589 PG: 1045 BM: 1986 PG: 1374 ZONING: R-30 (WC) USE: MO
16	JONES, CHARLES SPENCE PIN: 1757884608 DB: 5319 PG: 135 BM: 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
17	JONES, CHARLES SPENCE PIN: 1757885081 DB: 5319 PG: 135 BM: 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
18	JONES, CHARLES SPENCE PIN: 1757884101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF
19	JONES, CHARLES SPENCE PIN: 1757893394 DB: 2478 PG: 210 ZONING: R-30 (WC) USE: MO
20	RGA CONSULTING LLC PIN: 1757895646 DB: 15770 PG: 1169 BM: 2010 PG: 725 ZONING: R-30 (WC) USE: VA
21	JONES PROPERTIES LLC PIN: 1758805144 DB: 11187 PG: 542 BM: 1971 PG: 445 ZONING: R-30 (WC) USE: SF
22	DAVIS, WILLIAM C DAVIS, KAREN M PIN: 1758709579 DB: 3425 PG: 292 BM: 1985 PG: 208 ZONING: RL (RO) USE: SF
23	FORRESTER, JENNIFER N FORRESTER, HAYES G PIN: 1758707313 DB: 12620 PG: 2172 ZONING: RL (RO) USE: SF
24	JONES, CHARLES E PIN: 1757894902 DB: 8581 PG: 2079 BM: 2018 PG: 390 ZONING: RL (RO) USE: VA
25	CARLE, SCOTT CARLE, THERESA PIN: 1757790646 DB: 14893 PG: 2493 BM: 2008 PG: 2198 ZONING: R-30 (WC) USE: VA
26	CARLE, SCOTT CARLE, THERESA PIN: 1757781960 DB: 14893 PG: 2493 BM: 2009 PG: 645 ZONING: R-30 (WC) USE: VA
27	GRO PEG PROPERTIES LLC PIN: 1757884697 DB: 18359 PG: 1707 BM: 1986 PG: 394 ZONING: R-30 (WC) USE: VA
28	CARLE, SCOTT CARLE, THERESA PIN: 1757780258 DB: 14893 PG: 2493 BM: 2008 PG: 2198 ZONING: R-30 (WC) USE: SF
29	GRO PEG PROPERTIES LLC PIN: 1757771033 DB: 18359 PG: 1707 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
30	FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 175772106 DB: 19307 PG: 800 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
31	FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 1757770001 DB: 19307 PG: 800 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
32	CARLE, SCOTT CARLE, THERESA PIN: 1757675786 DB: 14893 PG: 2493 BM: 1985 PG: 386 ZONING: R-30 (WC) USE: VA
33	HC ROLESVILLE INVESTMENTS LLC PIN: 1757571035 DB: 19571 PG: 1804 ZONING: R-30 (WC) USE: SF
34	GRO PEG PROPERTIES LLC PIN: 1757654956 DB: 3425 PG: 292 BM: 1985 PG: 208 ZONING: R-30 (WC) USE: VA
35	GRO PEG PROPERTIES LLC PIN: 1757668730 DB: 19081 PG: 2786 BM: 2022 PG: 1203 ZONING: R-30 (WC) USE: VA
36	VILLANUEVA, PHILIP SHELLEY VILLANUEVA, NADIA SULTA PIN: 1757685301 DB: 19104 PG: 1732 BM: 2022 PG: 1203 ZONING: R-30 (WC) USE: SF
37	MT CALVARY HOLINESS CHURCH OF WAKE CO INC PIN: 1757660324 DB: 10124 PG: 2778 BM: 2002 PG: 991 ZONING: R-30 (WC) USE: EX
38	UNDERHILL, G ARCHIE JR UNDERHILL, TERESSA C PIN: 1757653765 DB: 8443 PG: 2129 BM: 1999 PG: 1357 ZONING: R-30 (WC) USE: SF
39	PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656586 DB: 1882 PG: 342 ZONING: R-30 (WC) USE: S
40	CECIL L GOODNIGHT AND WIFE, JUDY J GOODNIGHT PIN: 1757656296 DB: 5344 PG: 619 ZONING: R-30 (WC) USE: SF
41	BETTY H PARTIN PIN: 1757652116 DB: 17435 PG: 1751 LOT 2 - BM: 1985 PG: 88 ZONING: R-30 (WC) USE: SF
42	PARTIN, BETTY H PIN: 1757654381 DB: 17435 PG: 1751 BM: 1985 PG: 88 ZONING: R-30 (WC) USE: SF
43	UTILITY THREE BUILDERS INC PIN: 1757646703 DB: 18226 PG: 2104 ZONING: R-30 (WC) USE: SF
44	WILLIE RAY SUTTON AND WIFE, PAMELA Z SUTTON PIN: 1757657280 DB: 2958 PG: 536 BM: 1981 PG: 895 ZONING: R-30 (WC) USE: VA
45	MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 ZONING: R-30 (WC) USE: SF
46	SOUTHVIEW INVESTMENT LLC PIN: 1757738451 DB: 19248 PG: 2000 ZONING: R-30 (WC) USE: SF
47	MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 BM: 1990 PG: 511 ZONING: R-30 (WC) USE: SF
48	JONES, CHARLES SPENCER PIN: 1757944104 DB: 16822 PG: 904 BM: 2016 PG: 1736 ZONING: R-30 (WC) USE: AG

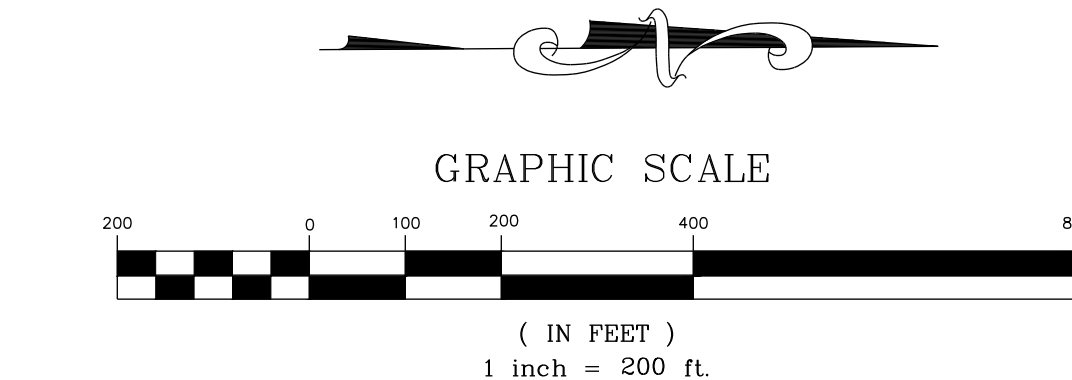


DEMOLITION KEYNOTES:

- EXISTING BUILDING TO BE REMOVED.
- EXISTING TREES TO BE REMOVED.
- EXISTING ROAD OR DRIVEWAY TO BE REMOVED.

LEGEND:

- MASTER PLAN BOUNDARY
- EXISTING ADJOINER PROPERTY LINE
- 5' CONTOUR
- 1' CONTOUR
- EXISTING STREAM
- EXISTING BUFFER
- 100 YR FLOOD LINE
- 500 YR FLOOD LINE
- FLOODWAY LINE
- EXISTING 8" SANITARY SEWER
- EXISTING WETLAND
- EXISTING FIRE HYDRANT



THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

NO.	REVISIONS	DATE	BY



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ENGINEERING GROUP

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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	JWL	SRG	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
DEMOLITION PLAN

DRAWING SHEET

C-4.0

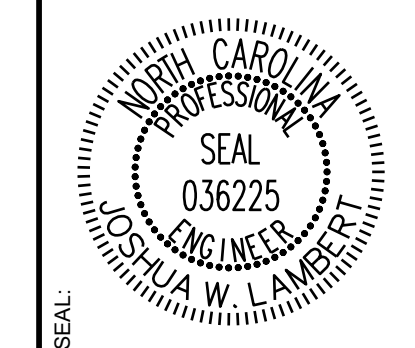
17 OF 88



CLUSTER OPTION OPEN SPACE				
RM-CZ CLUSTER DEVELOPMENT	CODE SECTION	SF	AC	%
NET ACREAGE		4,986,317	114.47	100.00%
REQUIRED OPEN SPACE	SECTION 3.1.B.1	1,994,527	45.79	40.00%
PROPOSED OPEN SPACE		2,241,134	51.45	44.95%

BREAKDOWN OPEN SPACE		
	SF	AC
1. BUFFER THOROUGHFARE	47,393	1.09
2. BUFFER PERIMETER	116,132	2.67
3. DUKE POWER EASEMENT**	795,828	18.27
4. WETLANDS*	818,813	18.80
5. SCMs	196,532	4.51
6. CONTIGUOUS PARK SPACES	350,536	8.05
7. PLAYGROUND	15,468	0.36
8. GREENWAY*	72,276	1.66
* AREA OF OVERLAP DUKE EASEMENT AND WETLANDS	177,953	4.09
^ AREA OF OVERLAP DUKE EASEMENT AND GREENWAY	1,800	0.04

NO.	REVISIONS	DATE	BY



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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
OVERALL OPEN SPACE PLAN

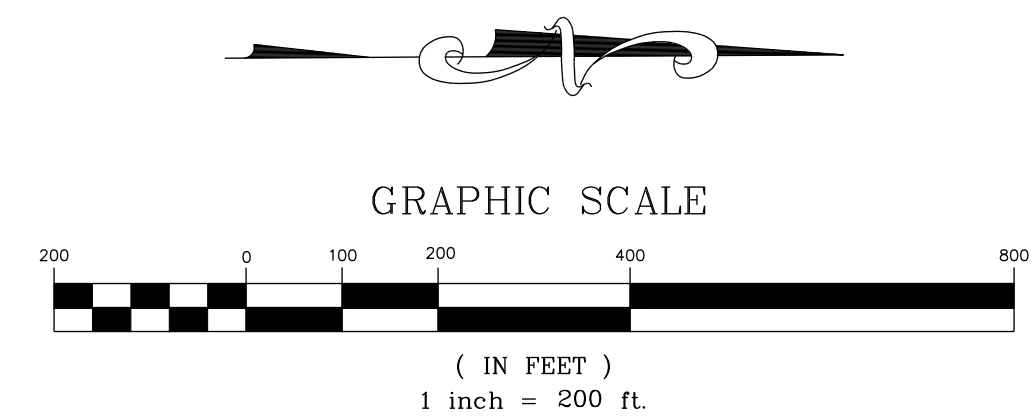
DRAWING SHEET
C-5.0

LEGEND:

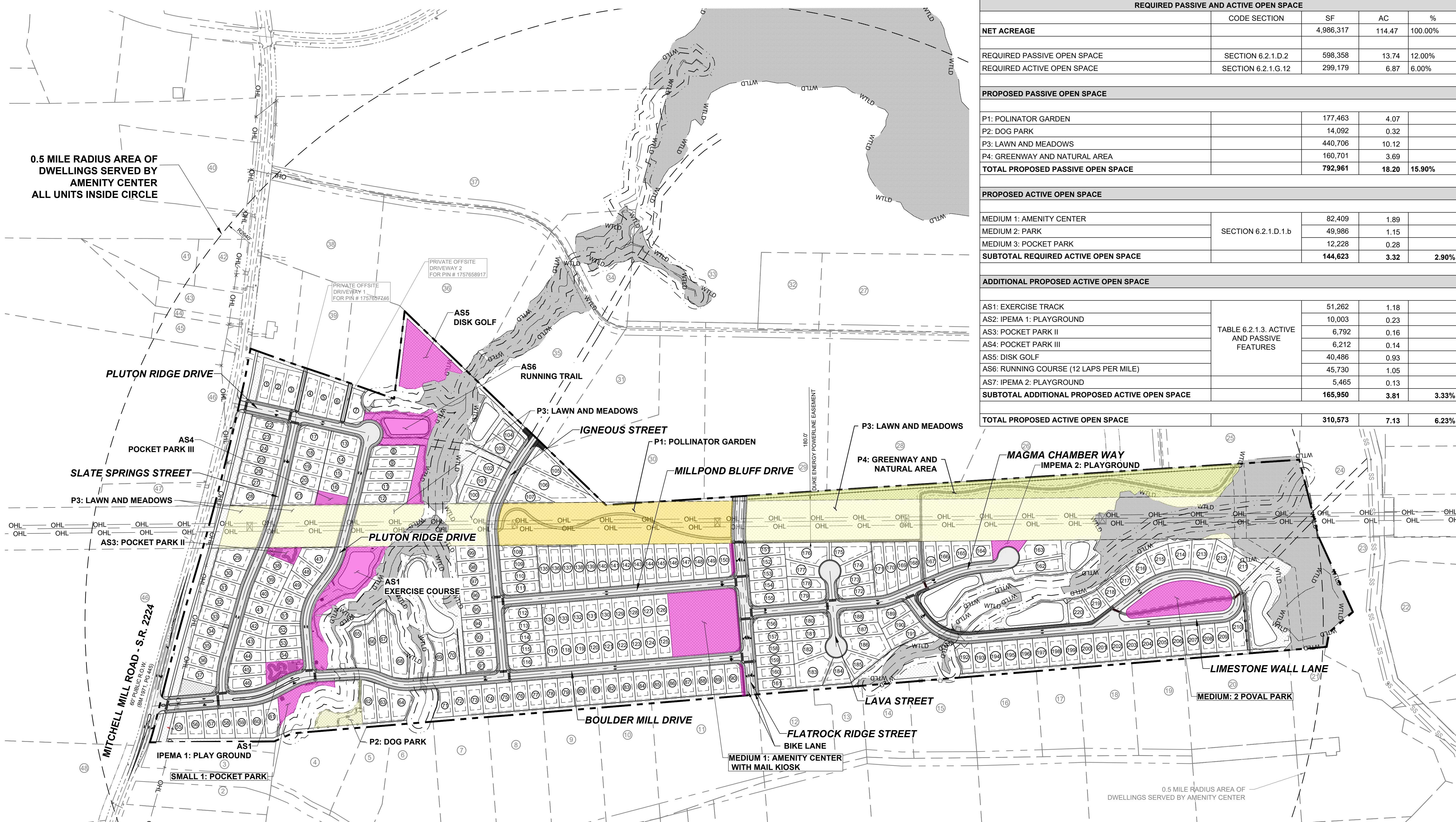
	EXISTING PROPERTY LINE
	ROADWAY CENTER LINE
	PROPOSED PROPERTY LINE
	ROLESVILLE STANDARD VALLEY CURB
	OPEN SPACE

NOTES:

* PER TOWN OF ROLESVILLE LDO 3.1.B.1 OPEN SPACE WITHIN CLUSTER DEVELOPMENT
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



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REQUIRED PASSIVE AND ACTIVE OPEN SPACE				
	CODE SECTION	SF	AC	%
NET ACREAGE		4,986,317	114.47	100.00%
REQUIRED PASSIVE OPEN SPACE	SECTION 6.2.1.D.2	598,358	13.74	12.00%
REQUIRED ACTIVE OPEN SPACE	SECTION 6.2.1.G.12	299,179	6.87	6.00%
PROPOSED PASSIVE OPEN SPACE				
P1: POLINATOR GARDEN		177,463	4.07	
P2: DOG PARK		14,092	0.32	
P3: LAWN AND MEADOWS		440,706	10.12	
P4: GREENWAY AND NATURAL AREA		160,701	3.69	
TOTAL PROPOSED PASSIVE OPEN SPACE		792,961	18.20	15.90%
PROPOSED ACTIVE OPEN SPACE				
MEDIUM 1: AMENITY CENTER	SECTION 6.2.1.D.1.b	82,409	1.89	
MEDIUM 2: PARK		49,986	1.15	
MEDIUM 3: POCKET PARK		12,228	0.28	
SUBTOTAL REQUIRED ACTIVE OPEN SPACE		144,623	3.32	2.90%
ADDITIONAL PROPOSED ACTIVE OPEN SPACE				
AS1: EXERCISE TRACK	TABLE 6.2.1.3. ACTIVE AND PASSIVE FEATURES	51,262	1.18	
AS2: IPEMA 1: PLAYGROUND		10,003	0.23	
AS3: POCKET PARK II		6,792	0.16	
AS4: POCKET PARK III		6,212	0.14	
AS5: DISK GOLF		40,486	0.93	
AS6: RUNNING COURSE (12 LAPS PER MILE)		45,730	1.05	
AS7: IPEMA 2: PLAYGROUND		5,465	0.13	
SUBTOTAL ADDITIONAL PROPOSED ACTIVE OPEN SPACE		165,950	3.81	3.33%
TOTAL PROPOSED ACTIVE OPEN SPACE		310,573	7.13	6.23%

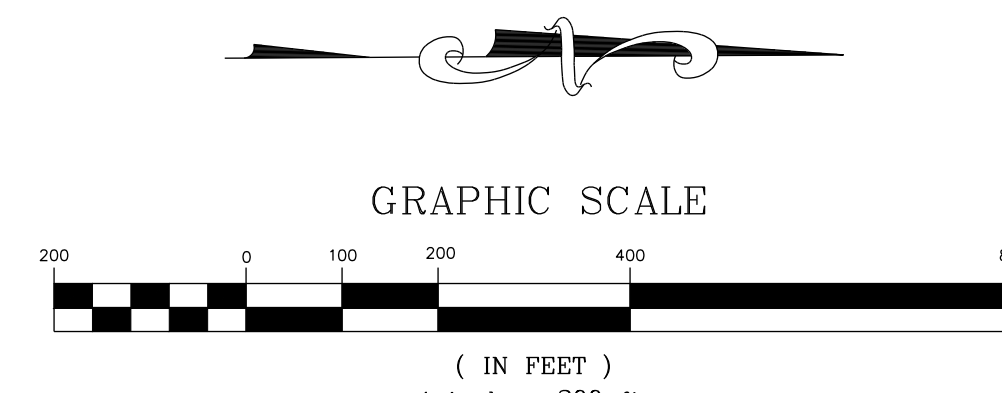
0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER ALL UNITS INSIDE CIRCLE

0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER

LEGEND:

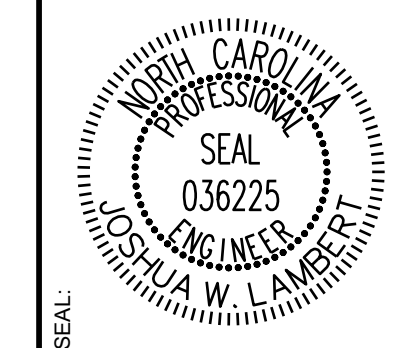
	EXISTING PROPERTY LINE
	ROADWAY CENTER LINE
	PROPOSED PROPERTY LINE
	ROLESVILLE STANDARD VALLEY CURB
	PROPOSED ACTIVE OPEN SPACE
	PROPOSED PASSIVE OPEN SPACE
	OPEN SPACE
	WTLD
	EXISTING WETLAND

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



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NO.	REVISIONS	DATE	BY



STRONGROCK
ENGINEERING GROUP

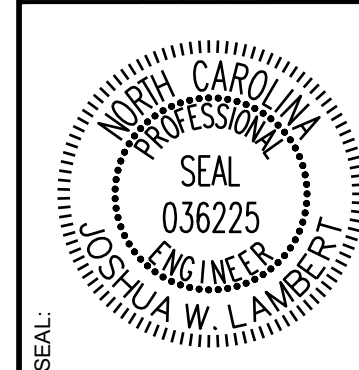
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PASSIVE & ACTIVE OPEN SPACE REQUIREMENTS

DRAWING SHEET
C-5.1

NO.	REVISIONS	DATE	BY



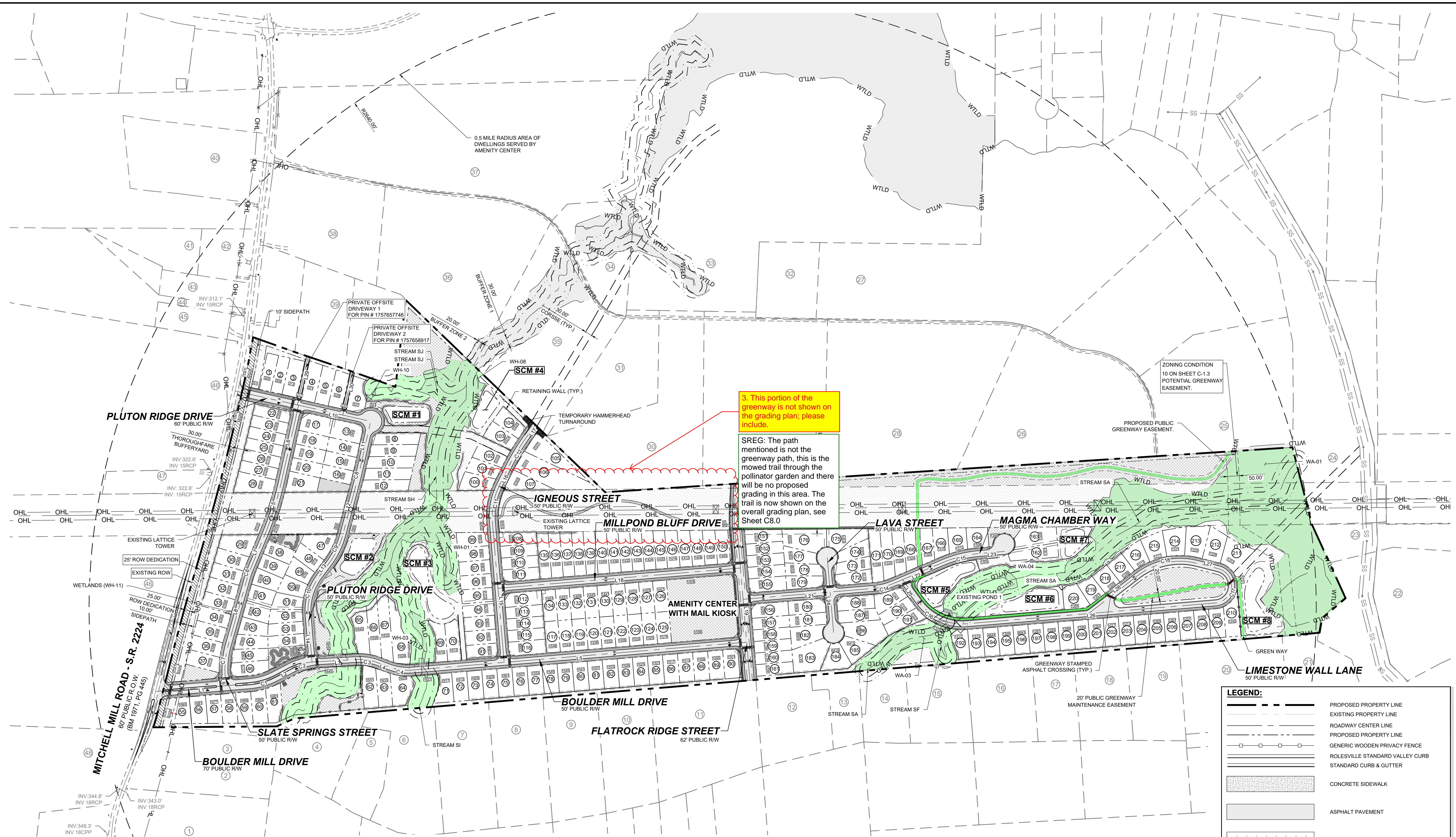
STRONGROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	SCALE	DESIGNED BY	SRG	CHECKED BY	JWL
NOT FOR CONSTRUCTION	AS SHOWN	JWL	JWL	JWL	JWL

HILLS AT HARRIS CREEK TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA CONSTRUCTION PLANS OVERALL SITE PLAN

DRAWING SHEET
C-6.0



3. This portion of the greenway is not shown on the grading plan; please include.
SREG: The path mentioned is not the greenway path, this is the mowed trail through the pollinator garden and there will be no proposed grading in this area. The trail is now shown on the overall grading plan, see Sheet C8.0

ZONING CONDITION 10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT.

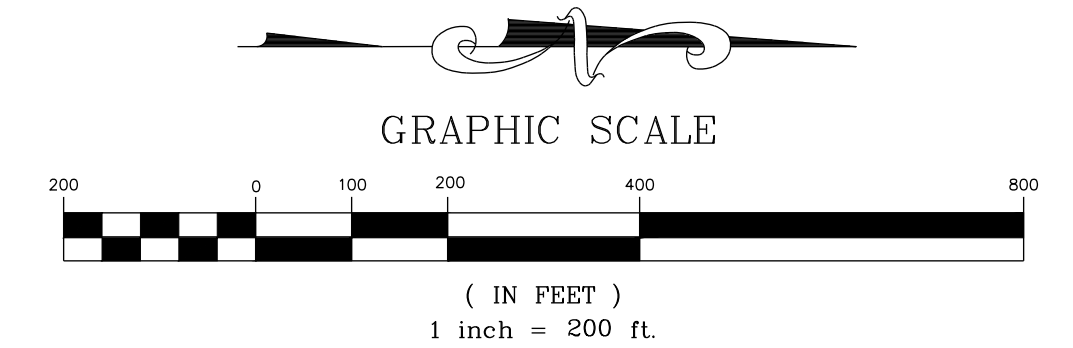
LEGEND:

—	PROPOSED PROPERTY LINE
- - -	EXISTING PROPERTY LINE
—+—	ROADWAY CENTER LINE
- - -	PROPOSED PROPERTY LINE
—+—	GENERIC WOODEN PRIVACY FENCE
—+—	ROLESVILLE STANDARD VALLEY CURB
—+—	STANDARD CURB & GUTTER
■	CONCRETE SIDEWALK
■	ASPHALT PAVEMENT
■	OPEN SPACE
■	WTLD
■	EXISTING WETLAND
■	WETLAND AND NATURAL AREAS
■	GREENWAY
■	ACTIVE AND PASSIVE OPEN SPACE

NOTES:
THIS IS A SINGLE PHASE PROJECT. SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.

LOT SIZE MINIMUMS

LOT	MINIMUMS
A	50' x 160'
B	55' x 146'
C	60' x 134'
D	65' x 125'
E	70' x 115'
F	80' x 100'
TOTAL	221



LINE TABLE

NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L1	BOULDER MILL DRIVE	404.98'	N4°46'37"W	10+00.00	14+04.98
L2	BOULDER MILL DRIVE	68.03'	N27°46'10"W	15+25.37	15+93.39
L3	BOULDER MILL DRIVE	184.24'	N3°15'35"W	17+00.34	18+84.57
L4	BOULDER MILL DRIVE	46.26'	N20°52'47"E	19+81.48	20+27.73
L5	BOULDER MILL DRIVE	1444.35'	N4°46'37"W	21+30.73	35+75.07
L6	SLATE SPRINGS STREET	332.09'	S77°23'14"E	10+00.01	13+32.09
L7	SLATE SPRINGS STREET	128.48'	S67°13'00"E	15+98.35	17+26.83
L8	SLATE SPRINGS STREET	286.82'	S74°09'09"E	17+87.36	20+74.17
L9	SLATE SPRINGS STREET	35.43'	N85°13'23"E	22+18.16	22+53.58
L10	PLUTON RIDGE DRIVE	597.69'	N12°36'47"E	10+00.00	15+97.69
L11	PLUTON RIDGE DRIVE	220.61'	S77°23'13"E	15+97.69	18+18.30
L12	PLUTON RIDGE DRIVE	243.94'	S75°06'21"E	18+58.12	21+02.06
L13	PLUTON RIDGE DRIVE	70.86'	S53°18'23"E	22+35.22	23+06.08
L14	PLUTON RIDGE DRIVE	200.59'	N85°13'23"E	24+87.04	26+87.62
L15	IGNEOUS STREET	605.78'	S85°13'23"W	10+00.00	16+05.78
L16	IGNEOUS STREET	74.99'	N63°56'33"W	17+67.23	18+42.21

LINE TABLE

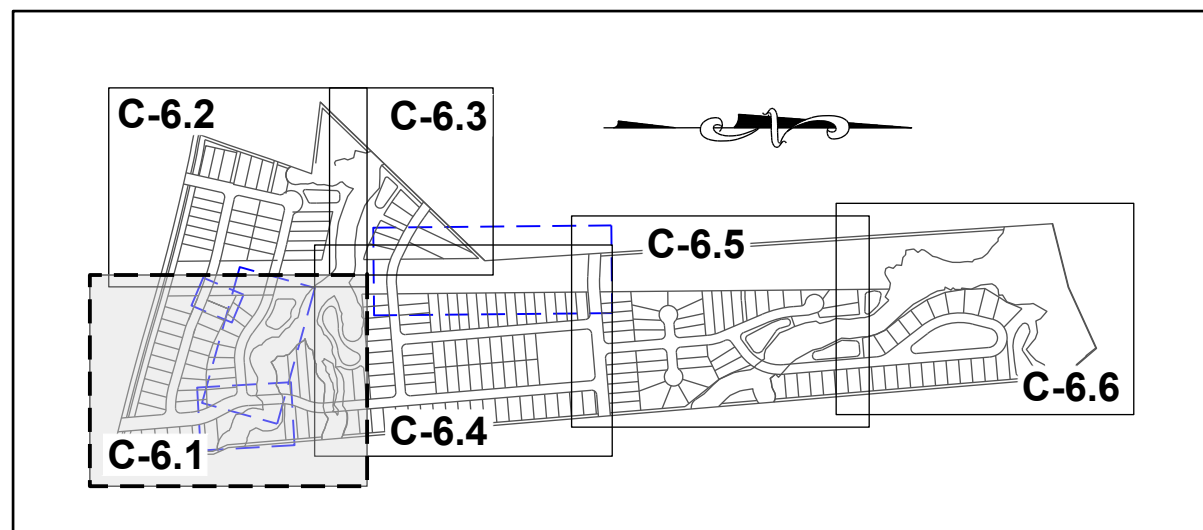
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L17	IGNEOUS STREET	62.35'	N54°20'54"W	20+09.67	20+72.02
L18	MILLPOND BLUFF DRIVE	104.13'	N4°46'37"W	10+00.00	20+47.13
L19	FLATROCK RIDGE STREET	655.17'	S85°13'23"W	10+00.00	16+55.17
L20	FLATROCK RIDGE STREET	121.47'	N87°11'53"W	17+27.93	18+49.40
L21	MAGMA CHAMBER WAY	571.09'	N4°46'37"W	10+00.00	15+71.09
L22	MAGMA CHAMBER WAY	240.36'	N22°57'44"W	16+44.09	18+84.45
L23	MAGMA CHAMBER WAY	111.85'	N4°46'37"W	20+43.15	21+54.99
L24	LAVA STREET	324.52'	N85°13'23"E	10+00.00	13+24.52
L25	LIMESTONE WALL LANE	121.11'	N53°33'15"E	10+00.00	11+21.11
L26	LIMESTONE WALL LANE	1074.38'	N4°46'37"W	13+55.27	24+29.64
L27	LIMESTONE WALL LANE	94.19'	S14°07'11"W	26+40.53	27+34.71
L28	LIMESTONE WALL LANE	265.67'	S37°42'28"E	30+06.09	32+71.75
L29	PRIVATE OFF-SITE DRIVEWAY 1	213.11'	N77°23'13"W	10+00.00	12+13.11
L30	PRIVATE OFF-SITE DRIVEWAY 2	191.35'	N77°23'13"W	10+00.00	11+81.35

CURVE TABLE

NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C1	BOULDER MILL DRIVE	300.00'	120.39'	119.58'	N16°16'24"W	14+04.98	15+25.36
C2	BOULDER MILL DRIVE	250.00'	106.94'	106.13'	N15°30'53"W	15+93.39	17+00.33
C3	BOULDER MILL DRIVE	230.00'	96.90'	96.19'	N8°48'36"E	18+84.57	19+81.47
C4	BOULDER MILL DRIVE	230.00'	102.99'	102.13'	N8°03'05"E	20+27.73	21+30.72
C5	SLATE SPRINGS STREET	1500.00'	266.26'	265.91'	S72°18'07"E	13+32.09	15+98.34
C6	SLATE SPRINGS STREET	500.00'	60.53'	60.49'	S70°41'05"E	17+26.83	17+87.35
C7	SLATE SPRINGS STREET	400.00'	143.99'	143.21'	S84°27'53"E	20+74.17	22+18.16
C8	PLUTON RIDGE DRIVE	1000.00'	39.81'	39.81'	S76°14'47"E	18+18.30	18+58.11
C9	PLUTON RIDGE DRIVE	350.00'	133.16'	132.36'	S64°12'22"E	21+02.06	22+35.22
C10	PLUTON RIDGE DRIVE	250.00'	180.95'	177.02'	S74°02'30"E	23+06.08	24+87.03
C11	IGNEOUS STREET	300.00'	161.45'	159.51'	N79°21'35"W	16+05.78	17+67.22
C12	IGNEOUS STREET	1000.00'	167.45'	167.26'	N59°08'44"W	18+42.21	20+09.66
C13	FLATROCK RIDGE STREET	550.00'	72.75'	72.70'	S89°00'45"W	16+55.17	17+27.92

CURVE TABLE

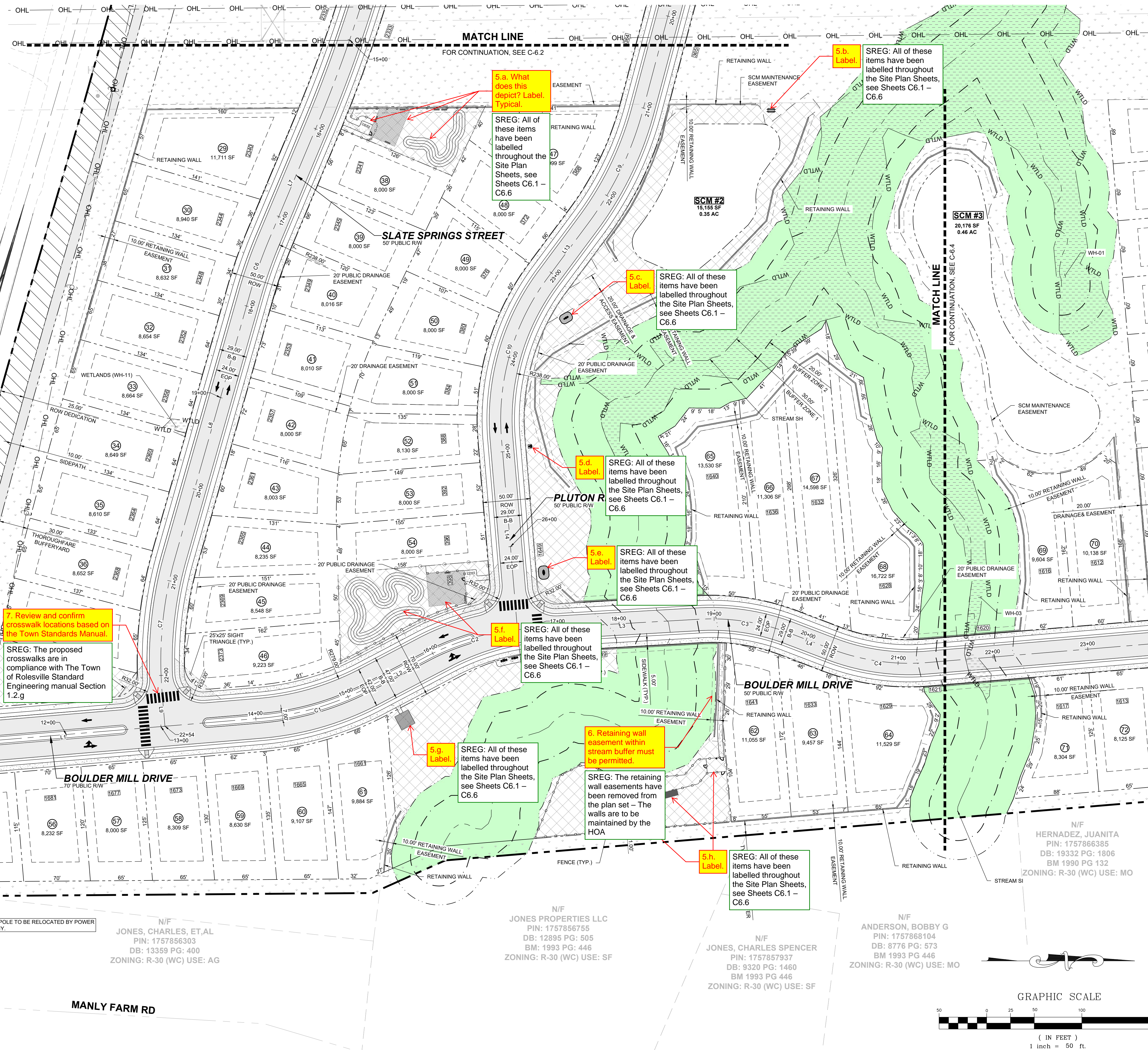
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C14	MAGMA CHAMBER WAY	230.00'	73.00'	72.69'	N13°52'10"W	15+71.09	16+44.09
C15	MAGMA CHAMBER WAY	500.00'	158.70'	158.03'	N13°50'53"W	18+84.45	20+43.14
C16	LIMESTONE WALL LANE	230.00'	234.16'	224.17'	N24°23'19"E	11+21.11	13+55.27
C17	LIMESTONE WALL LANE	75.00'	210.88'	147.97'	N85°19'43"W	24+29.64	26+40.53
C18	LIMESTONE WALL LANE	300.00'	271.37'	262.21'	S11°47'39"E	27+34.71	30+06.08



SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES.



4. Please include either:
a. all signing (eg. stop signs and barricades at dead end street stubs) and all pavement markings on the site plan (eg. stop bars)
OR
b. a signing and striping plan separate from the site plan to include all signing and striping.

SREG: Signage & Striping Plans have been added to the CD set, see Sheets C11.0 – C11.6

7. Review and confirm crosswalk locations based on the Town Standards Manual.
SREG: The proposed crosswalks are in compliance with The Town of Rolesville Standard Engineering manual Section 1.2.g

5.a. What does this depict? Label. Typical.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.b. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.c. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.d. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.e. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.f. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

5.g. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

6. Retaining wall easement within stream buffer must be permitted.
SREG: The retaining wall easements have been removed from the plan set – The walls are to be maintained by the HOA

5.h. Label.
SREG: All of these items have been labelled throughout the Site Plan Sheets, see Sheets C6.1 – C6.6

N/F SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC ROW, (BM 1971, PG 445)

N/F JONES, CHARLES, ET.AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

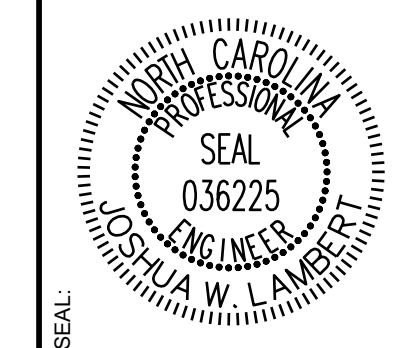
N/F JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

N/F JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F HERNANDEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

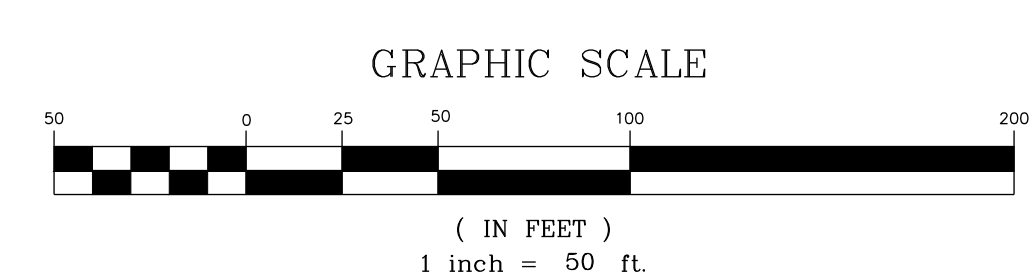
NO.	REVISIONS	DATE	BY



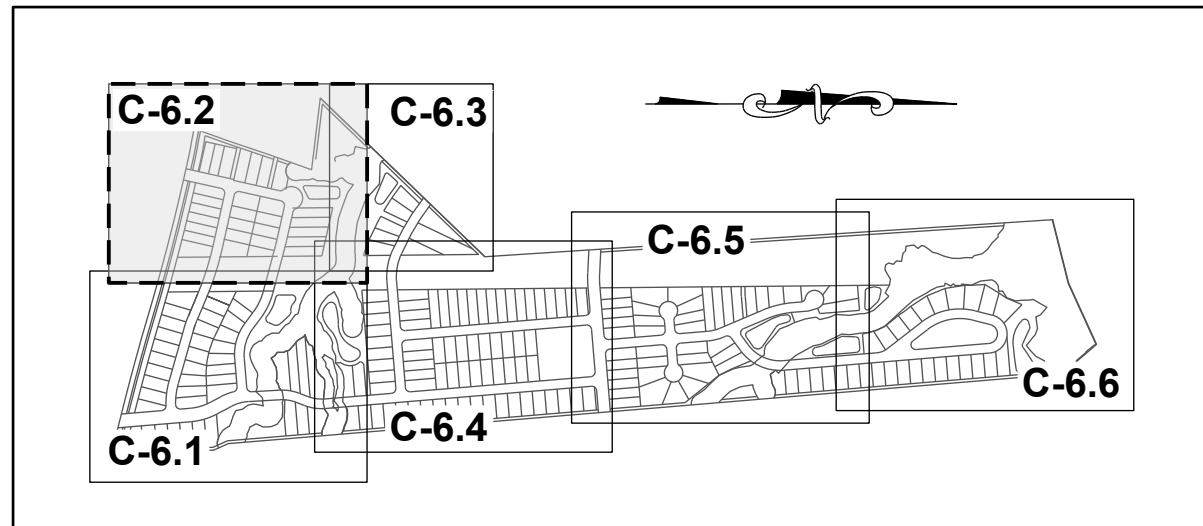
STRONGROCK ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	JWL	SRG	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN I



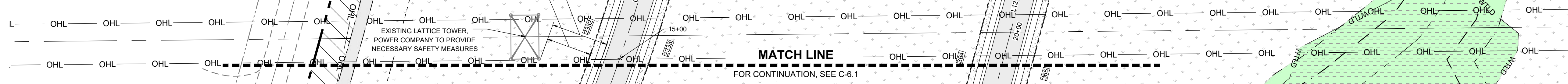
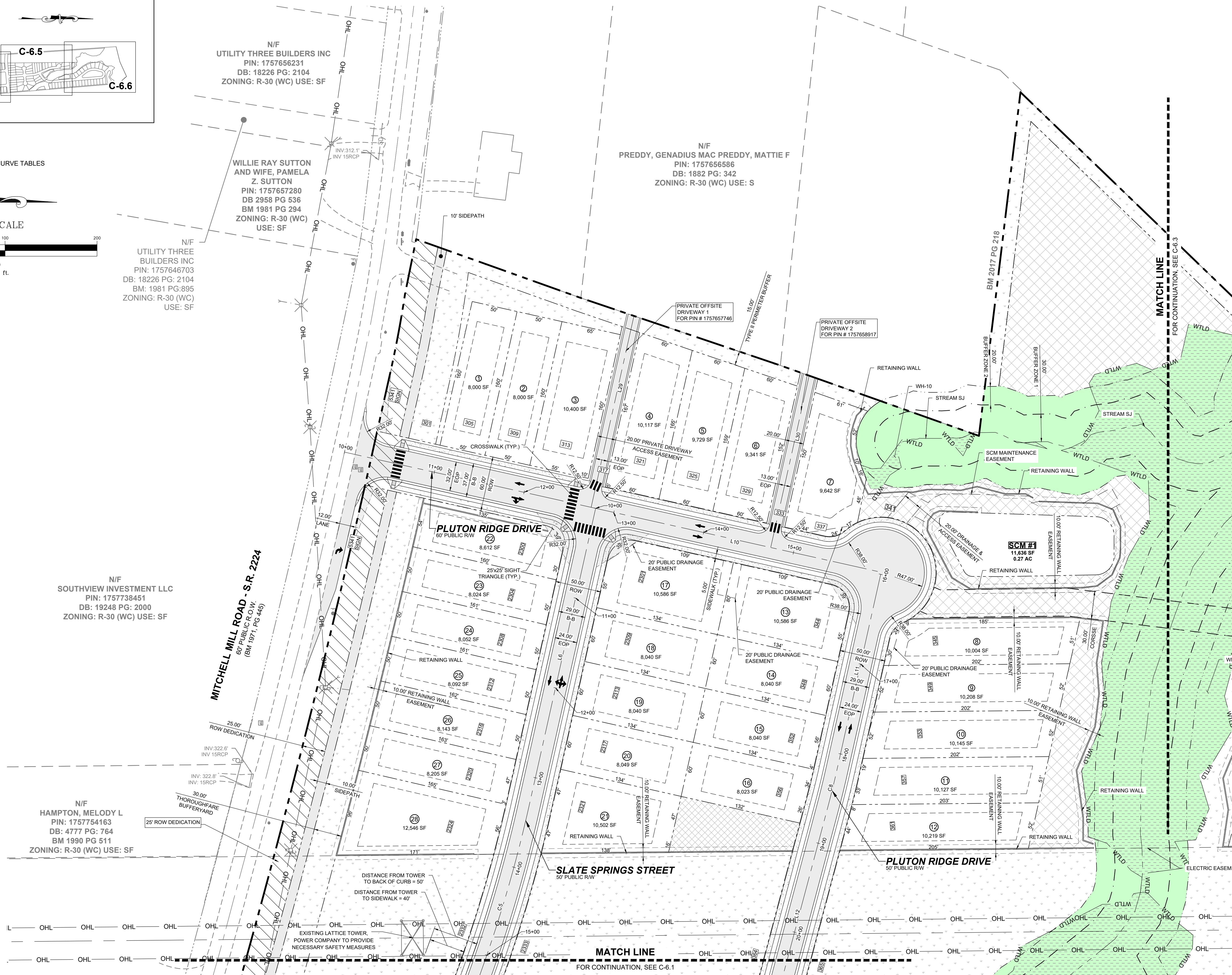
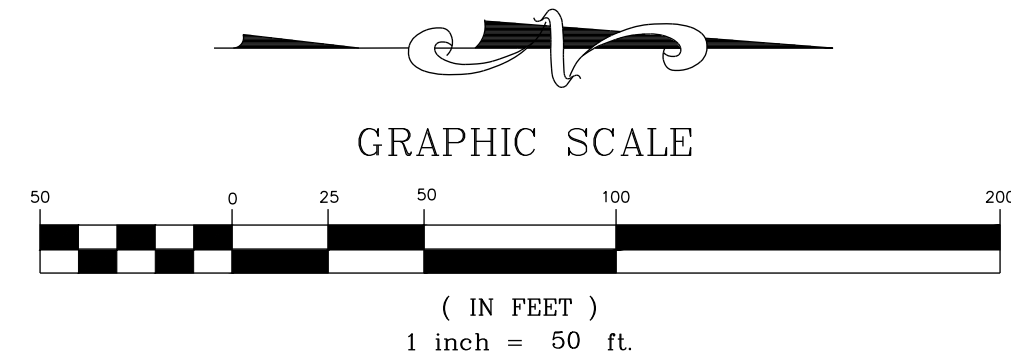
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



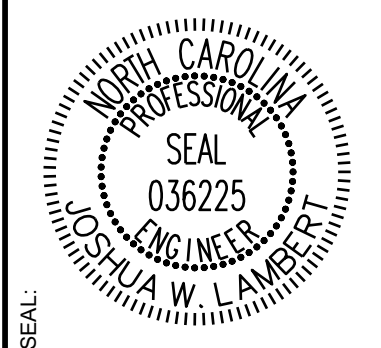
SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES



No.	REVISIONS	DATE	BY



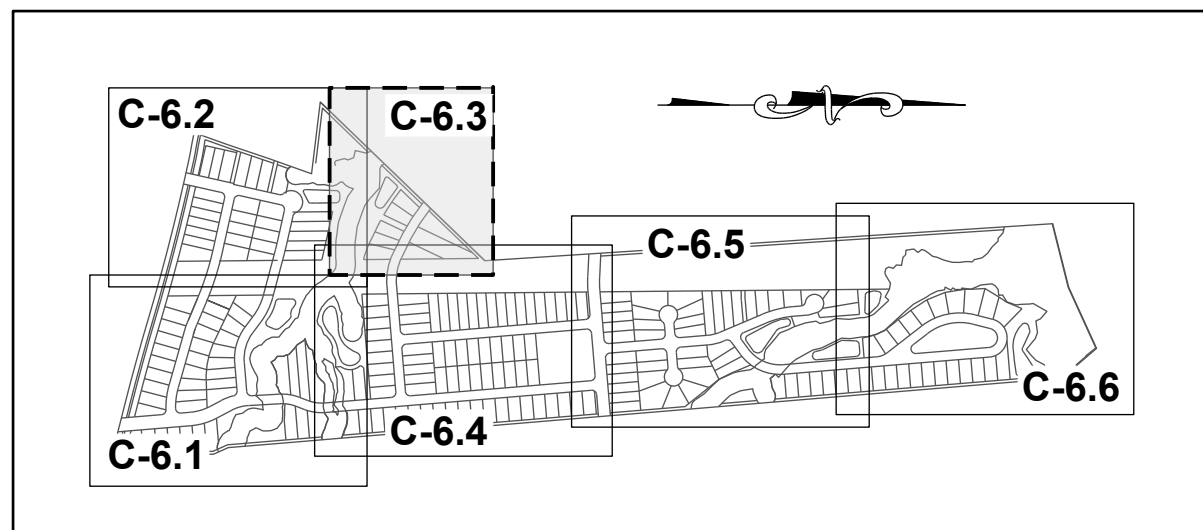
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	JWL	SRG	JWL
NOT FOR CONSTRUCTION	AS SHOWN	DESIGNED BY	DRAWN BY
SCALE	AS SHOWN	CHECKED BY	

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN II

DRAWING SHEET
C-6.2

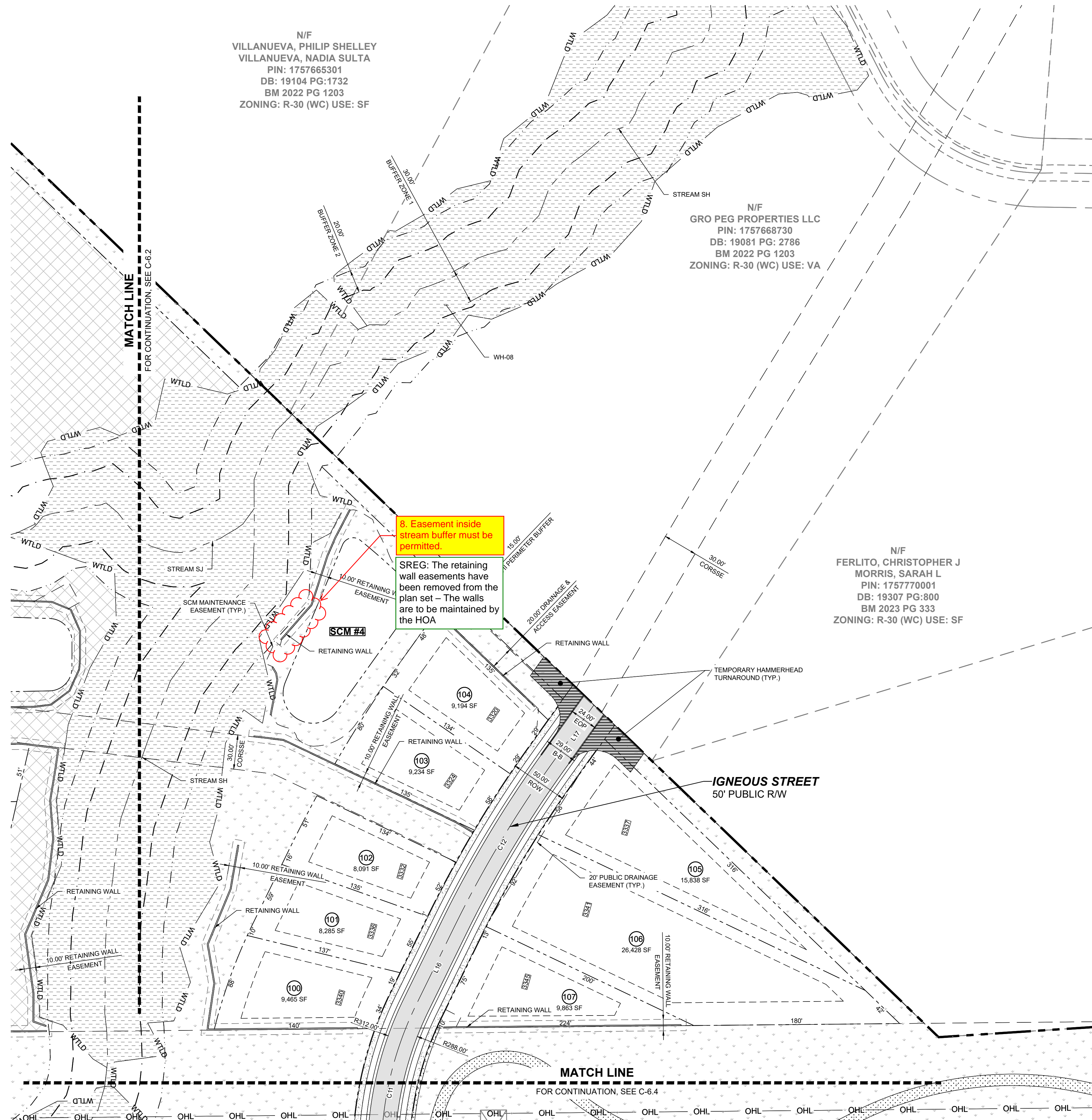
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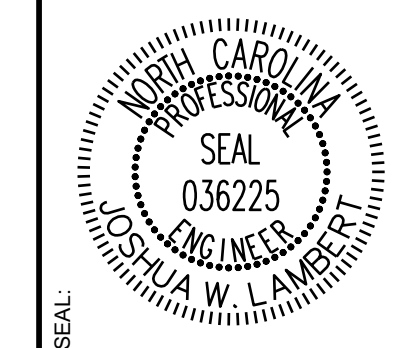
SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES.



NO.	REVISIONS	DATE	BY

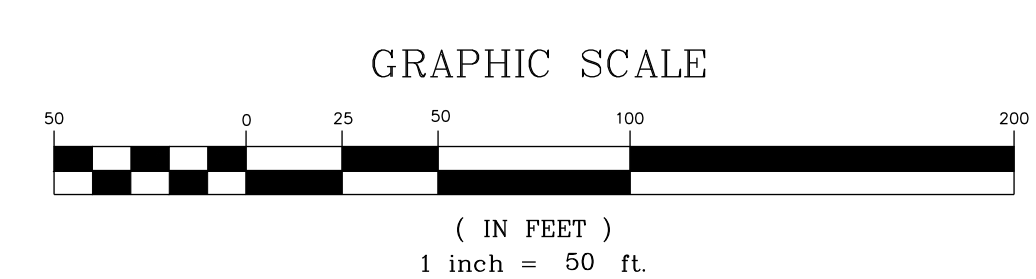


STRONGROCK
ENGINEERING GROUP

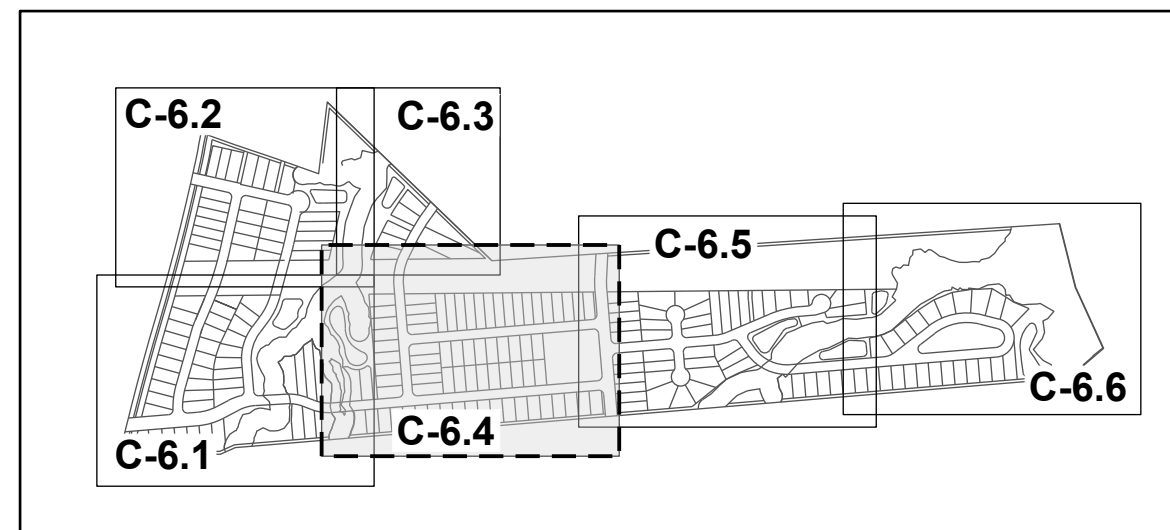
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2766
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN III



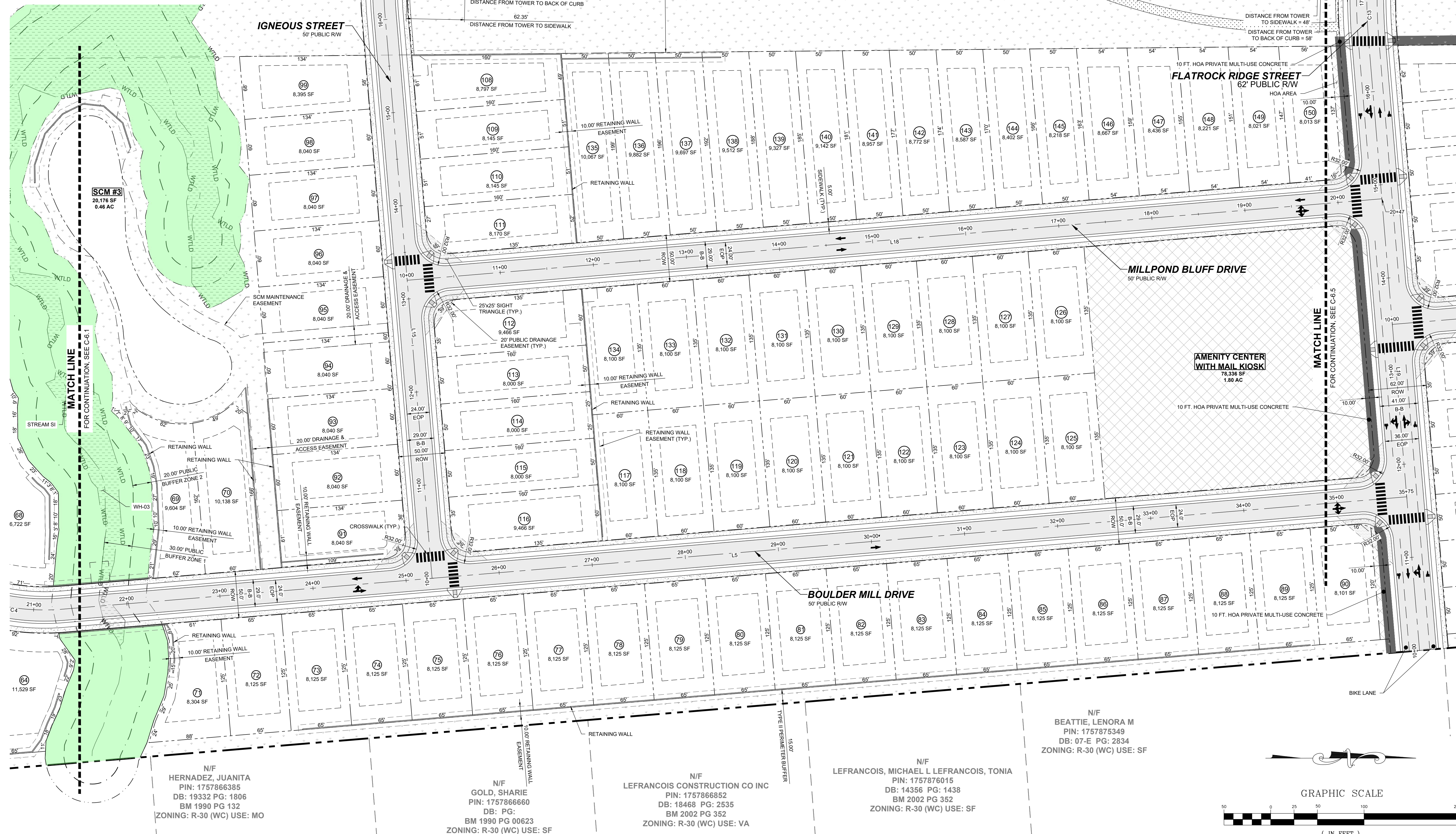
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES.



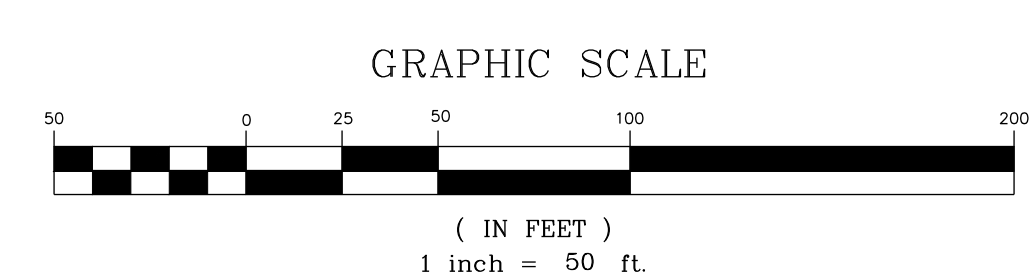
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HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

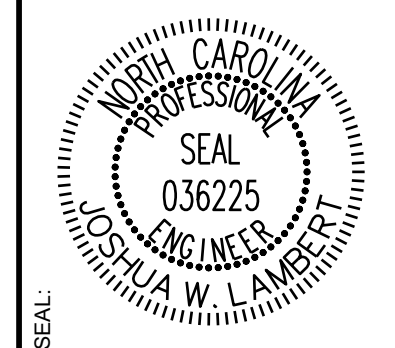
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF



NO.	REVISIONS	DATE	BY



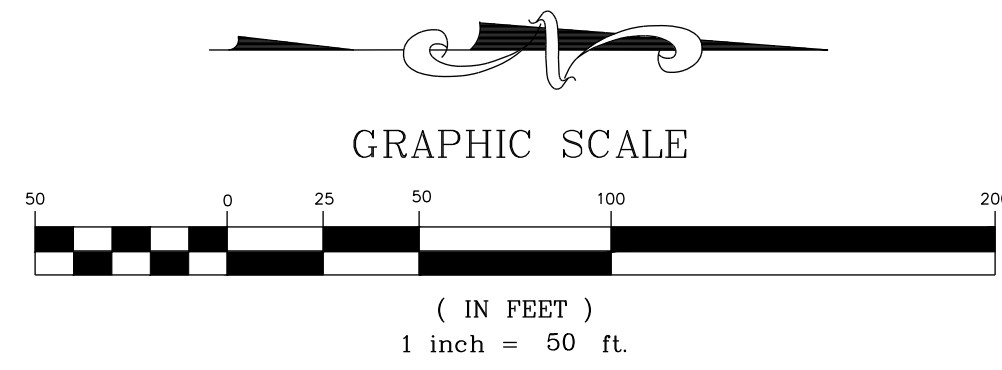
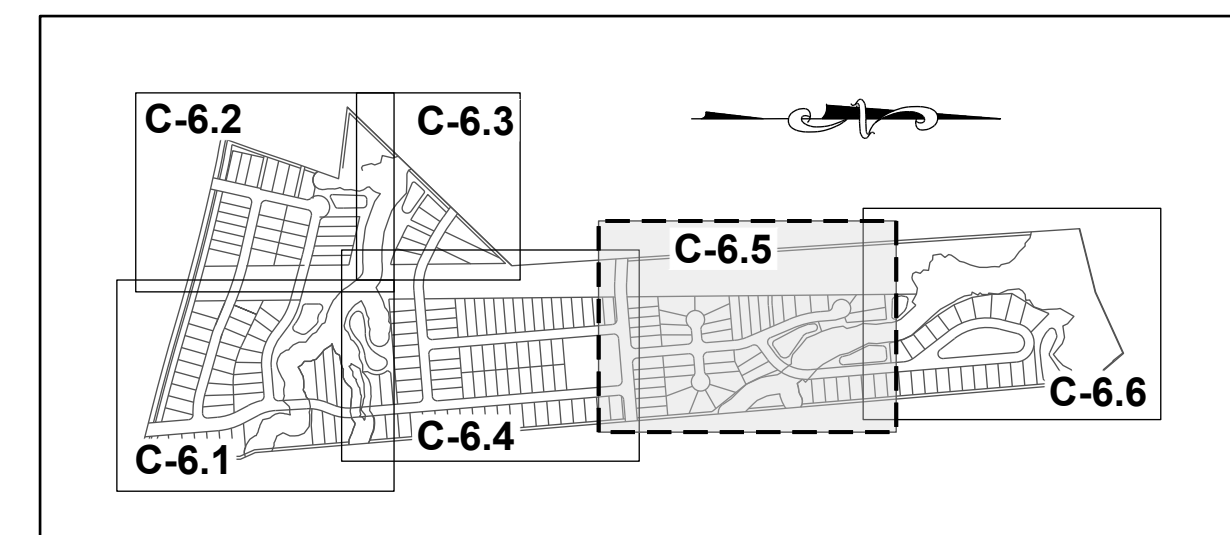
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ENGINEERING GROUP
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN IV

DRAWING SHEET
C-6.4

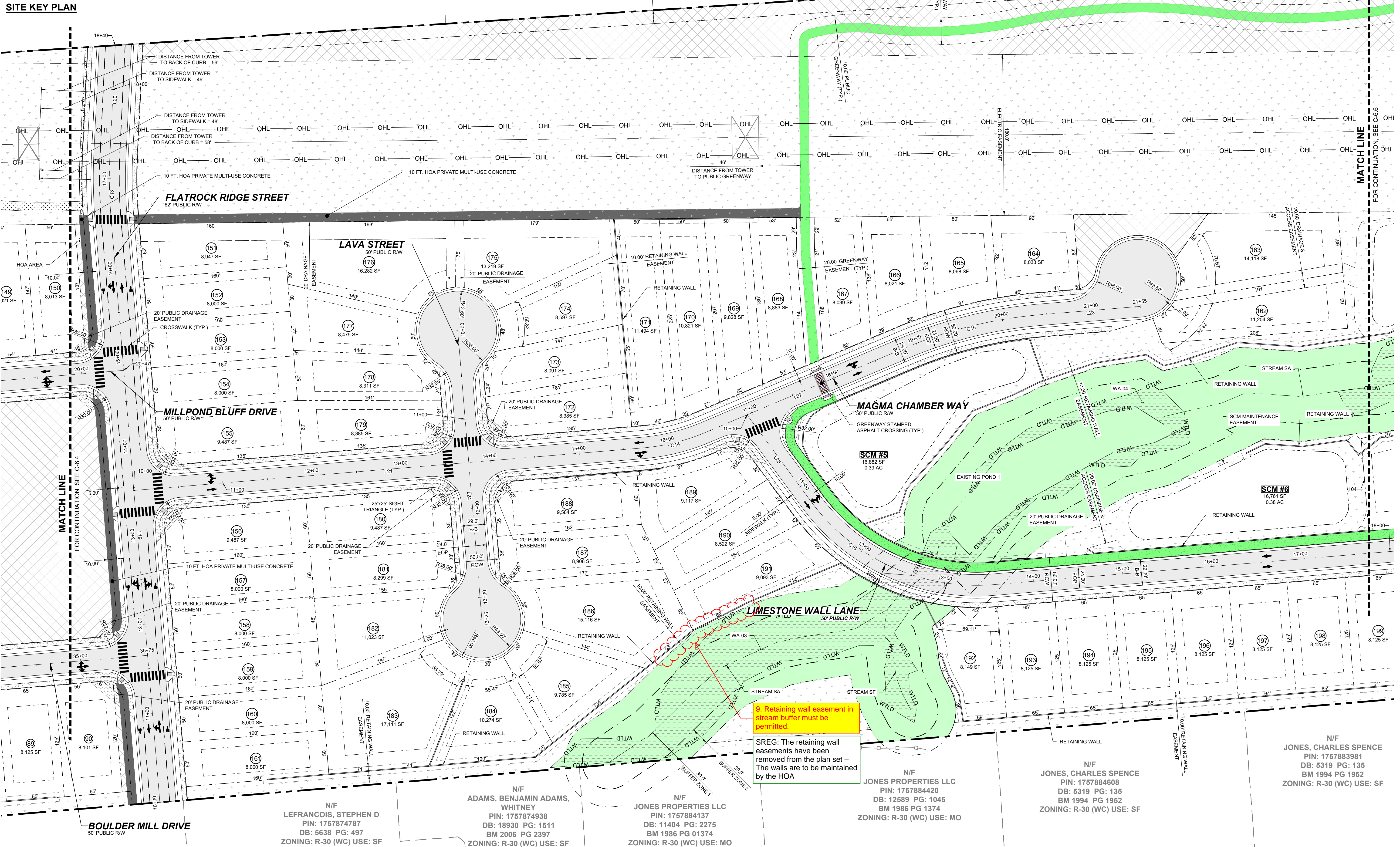
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LEGEND: SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES

N/F CARLE, SCOTT CARLE, THERESA
PIN: 1757780258
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: SF

N/F CARLE, SCOTT CARLE, THERESA
PIN: 1757781960
DB: 14863 PG: 2493
BM 2009 PG 645
ZONING: R-30 (WC) USE: VA



9. Retaining wall easement in stream buffer must be permitted.

SREG: The retaining wall easements have been removed from the plan set - The walls are to be maintained by the HOA

N/F LEFRANCOIS, STEPHEN D
PIN: 1757874787
DB: 5638 PG: 497
ZONING: R-30 (WC) USE: SF

N/F ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

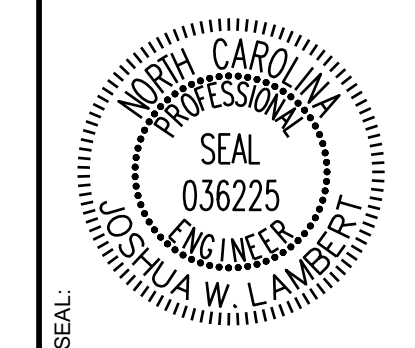
N/F JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

N/F JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

N/F JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

Table with columns: No., REVISIONS, DATE, BY



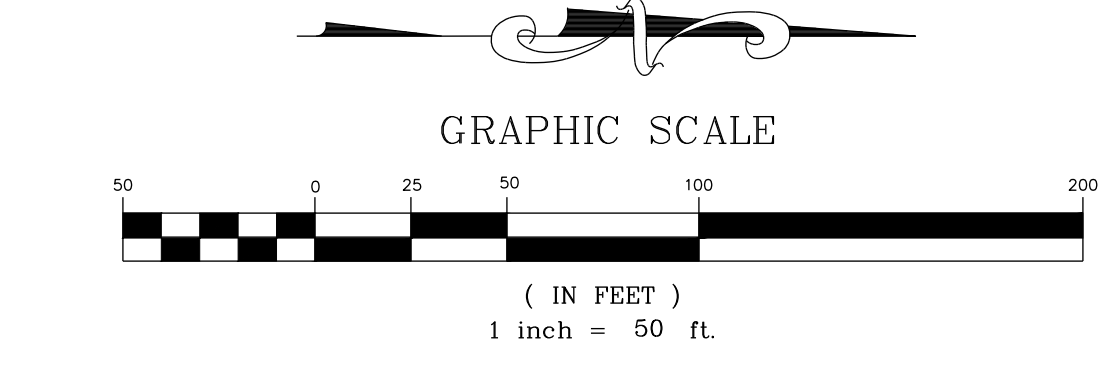
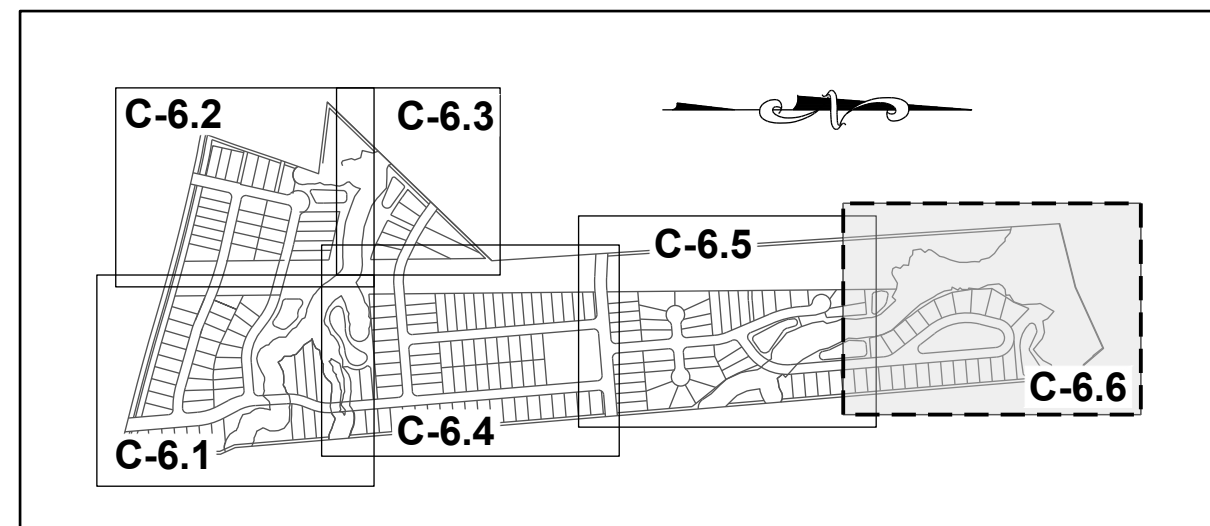
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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

Table with columns: STRONG ROCK PROJECT, NOT FOR CONSTRUCTION, SCALE, AS SHOWN, DESIGNED BY, JWL, SRG, DRAWN BY, JWL, CHECKED BY, JWL

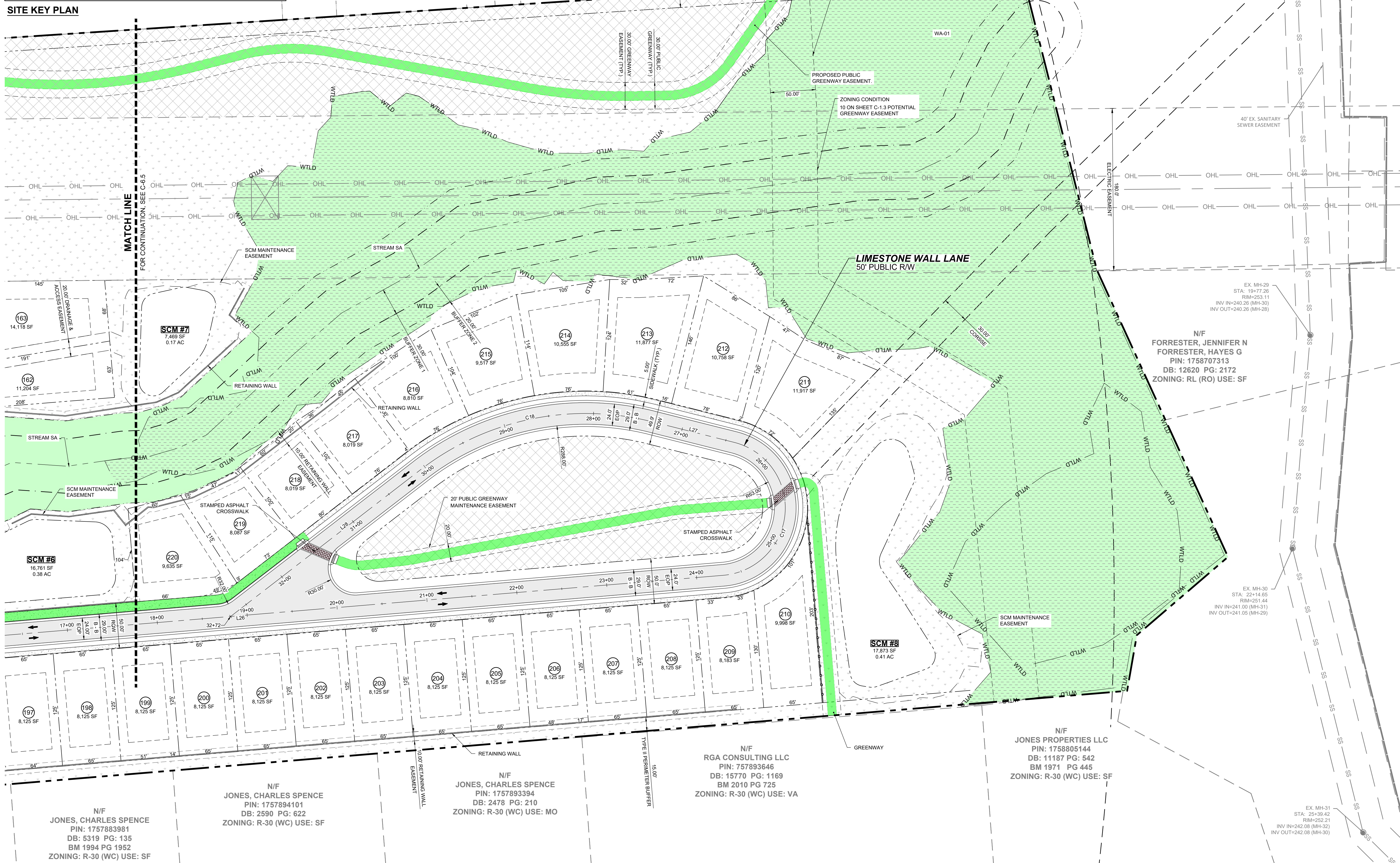
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN V

DRAWING SHEET
C-6.5

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LEGEND:
SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES.



N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

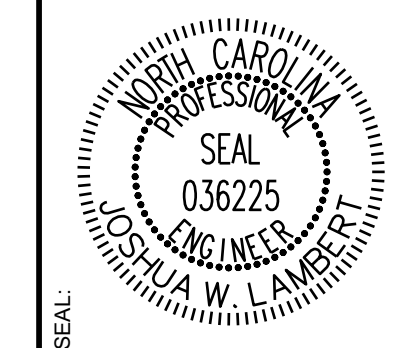
N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

N/F
JONES, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

NO.	REVISIONS	DATE	BY



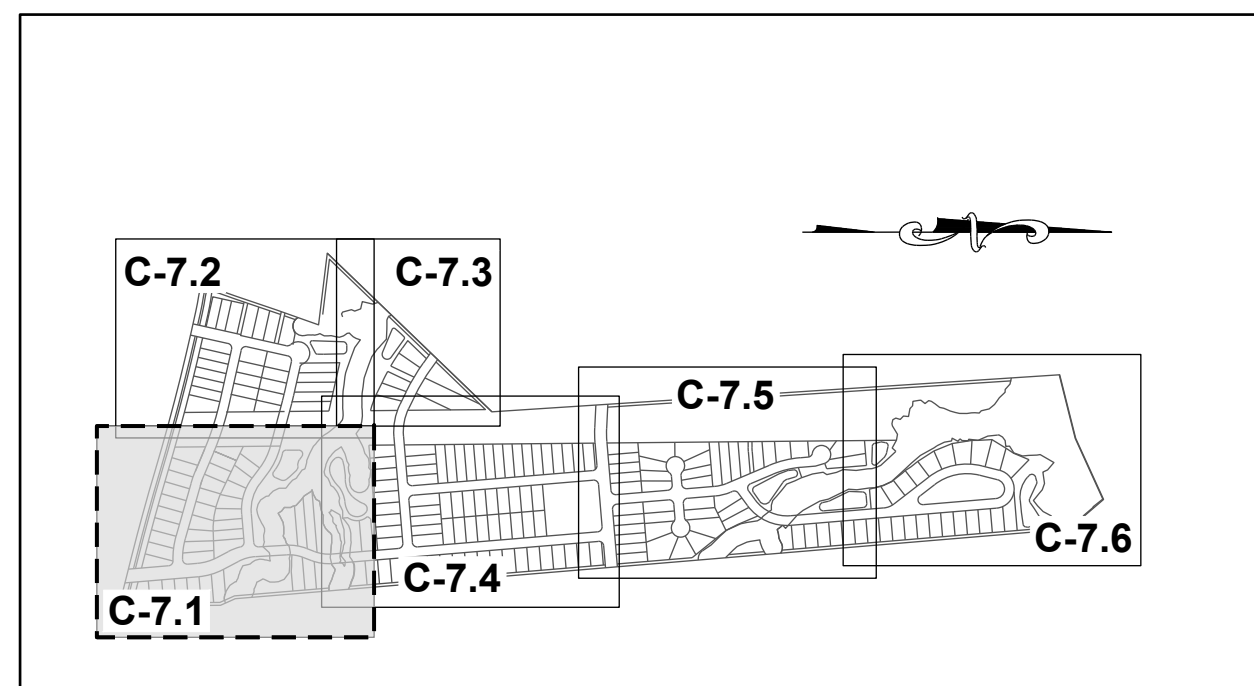
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ENGINEERING GROUP
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL SITE PLAN VI

DRAWING SHEET
C-6.6

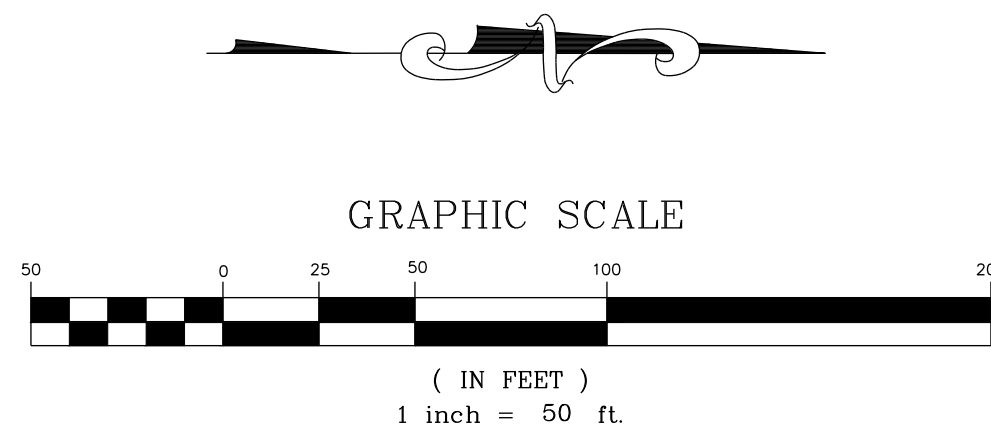
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SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC ROW
(BM 1971, PG 445)

10. Is this a proposed water line? Is this where it ties into existing? Please show existing pipe and label.

SREG: The water main extension shown along Mitchell Mill is proposed. A 12" blowoff assembly has been added to the plans as the limits of the extension.

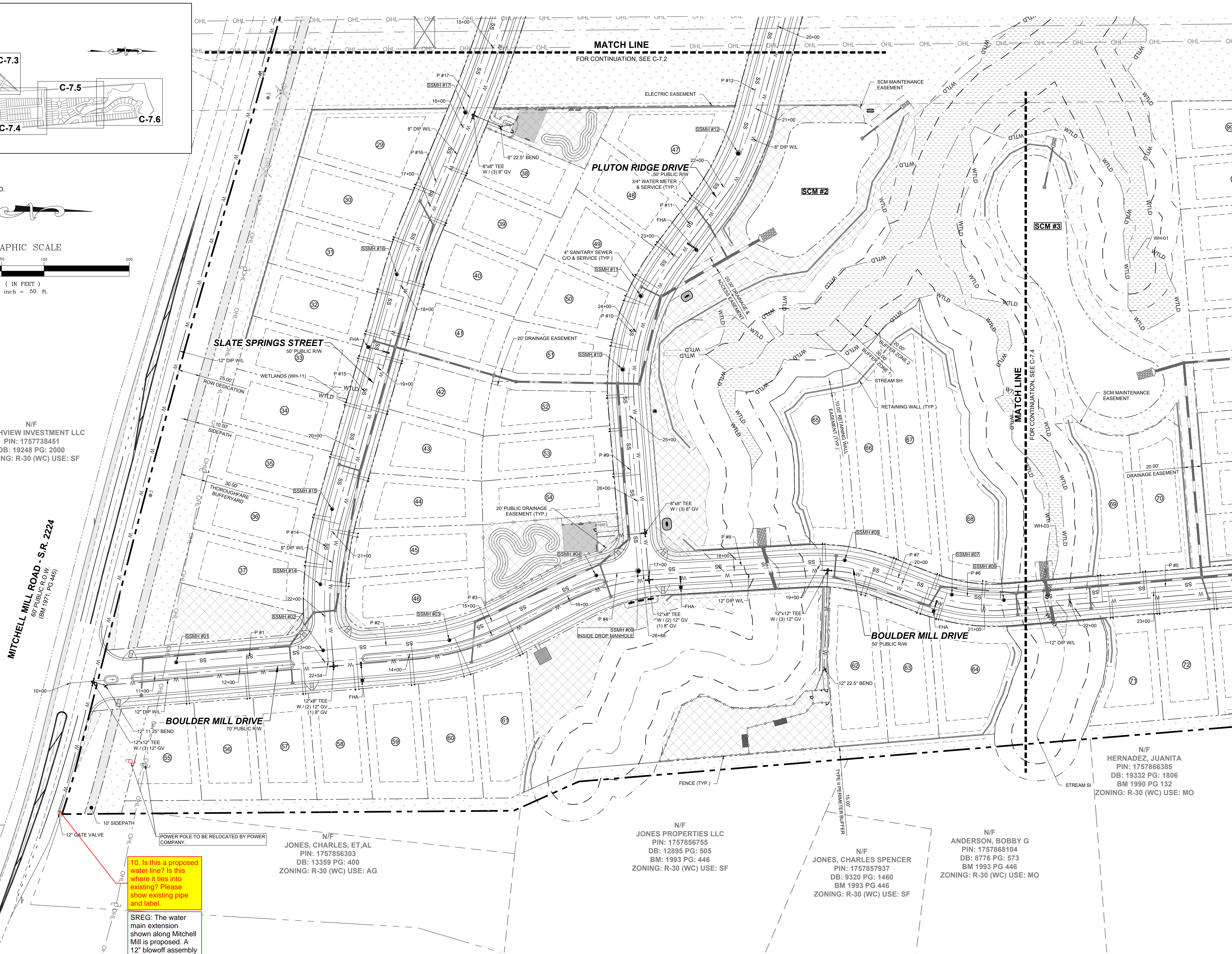
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JONES, CHARLES, ET.AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

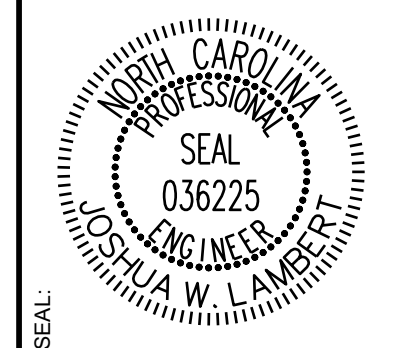
N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

N/F
ANDERSON, BOBBY G
PIN: 1757868104
DB: 8776 PG: 573
BM 1993 PG 446
ZONING: R-30 (WC) USE: MO

N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO



NO.	REVISIONS	DATE	BY



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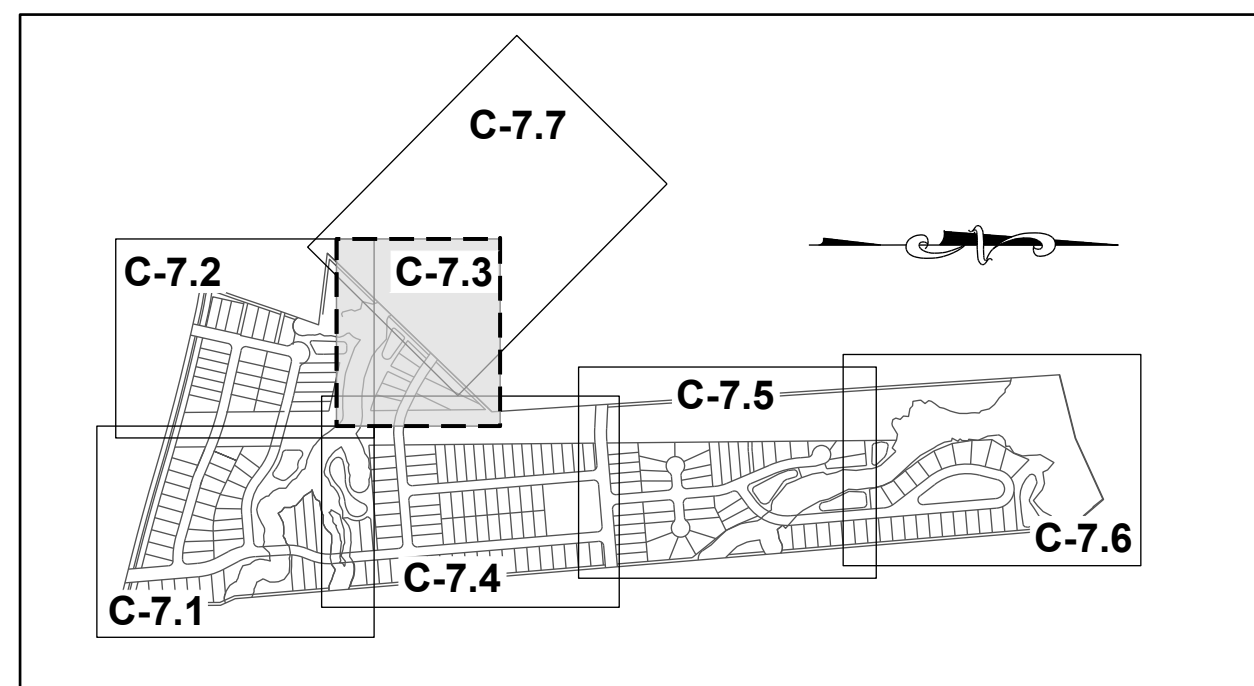
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	JWL	SRG	DRAWN BY	JWL	CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL UTILITY PLAN I

DRAWING SHEET
C-7.1

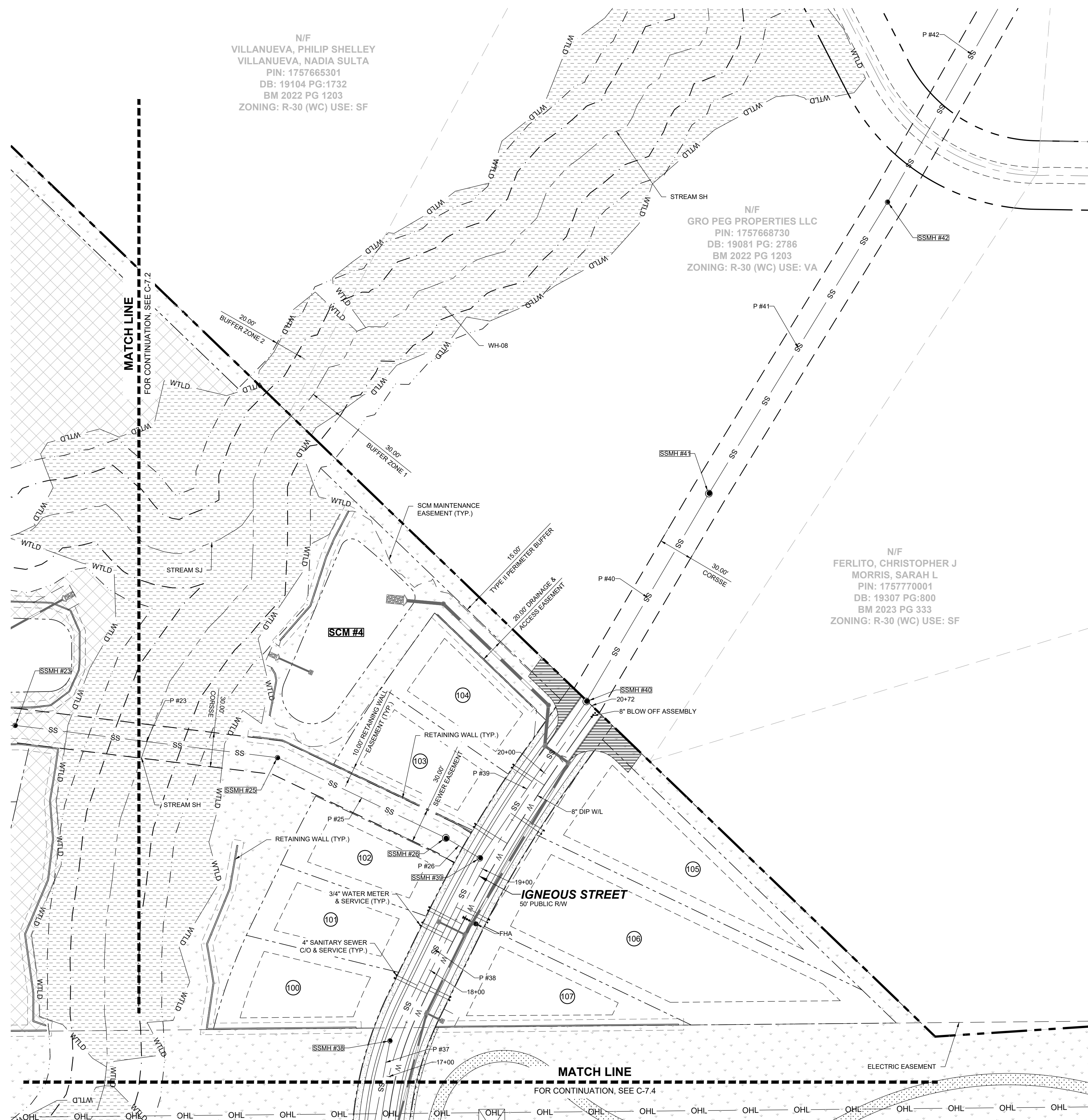
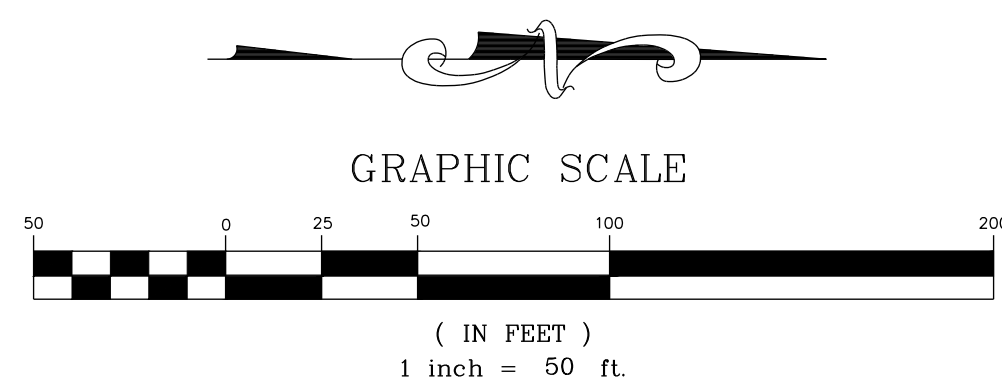
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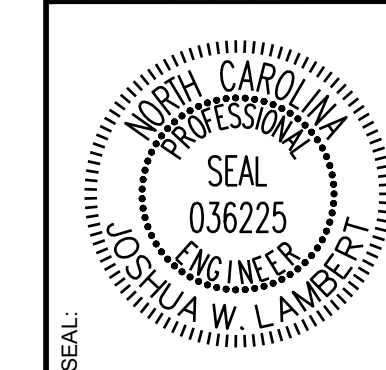
SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY



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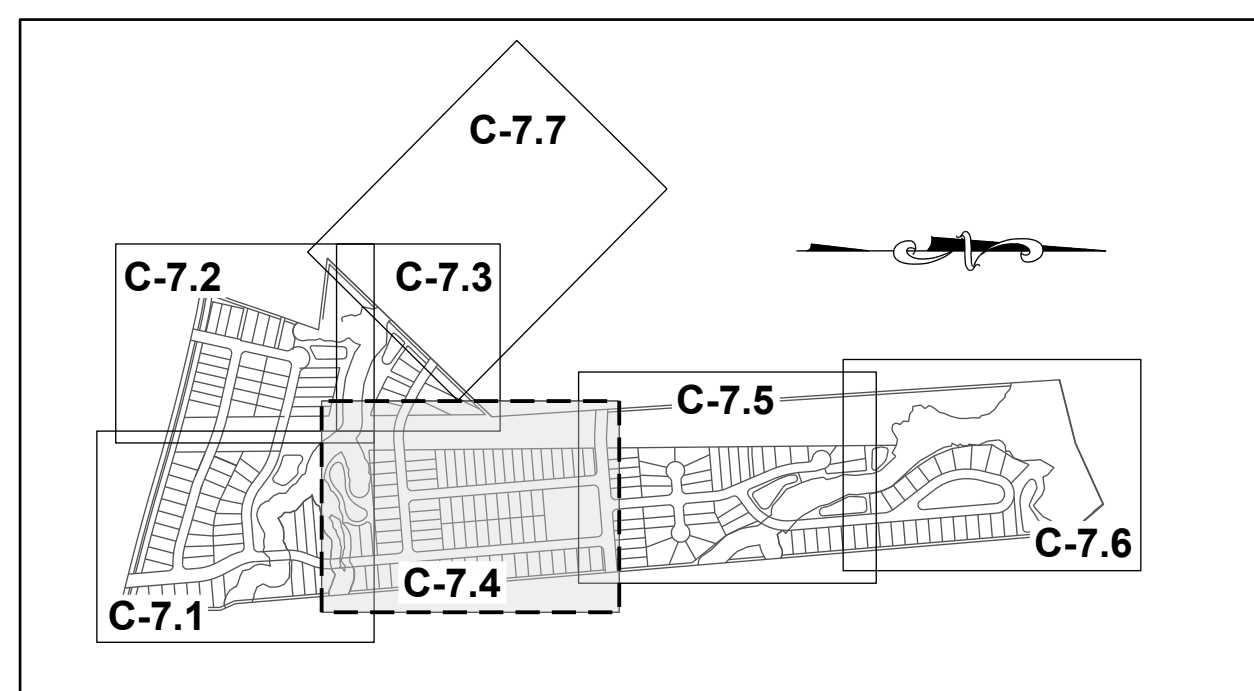
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL UTILITY PLAN III

DRAWING SHEET
C-7.3

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SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



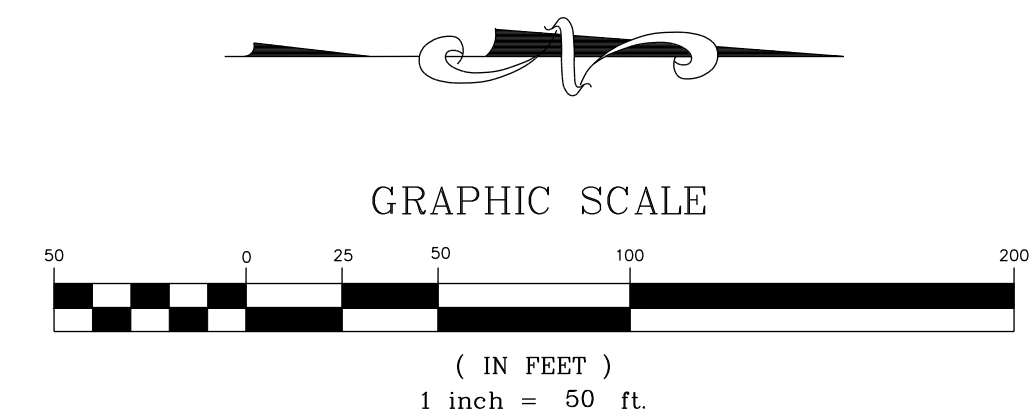
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HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

N/F
GOLD, SHARIE
PIN: 1757866660
DB: PG:
BM 1990 PG 00623
ZONING: R-30 (WC) USE: SF

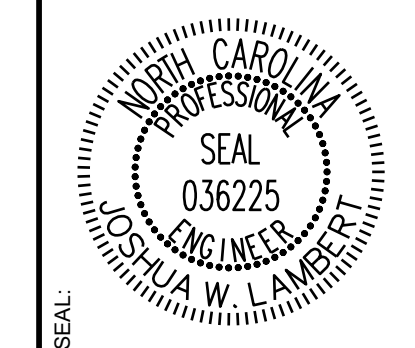
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

N/F
LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA
PIN: 1757876015
DB: 14356 PG: 1438
BM 2002 PG 352
ZONING: R-30 (WC) USE: SF

N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF



NO.	REVISIONS	DATE	BY



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STRONG ROCK PROJECT
NOT FOR CONSTRUCTION
SCALE AS SHOWN
DESIGNED BY JWL
DRAWN BY SRG
CHECKED BY JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL UTILITY PLAN IV

DRAWING SHEET
C-7.4

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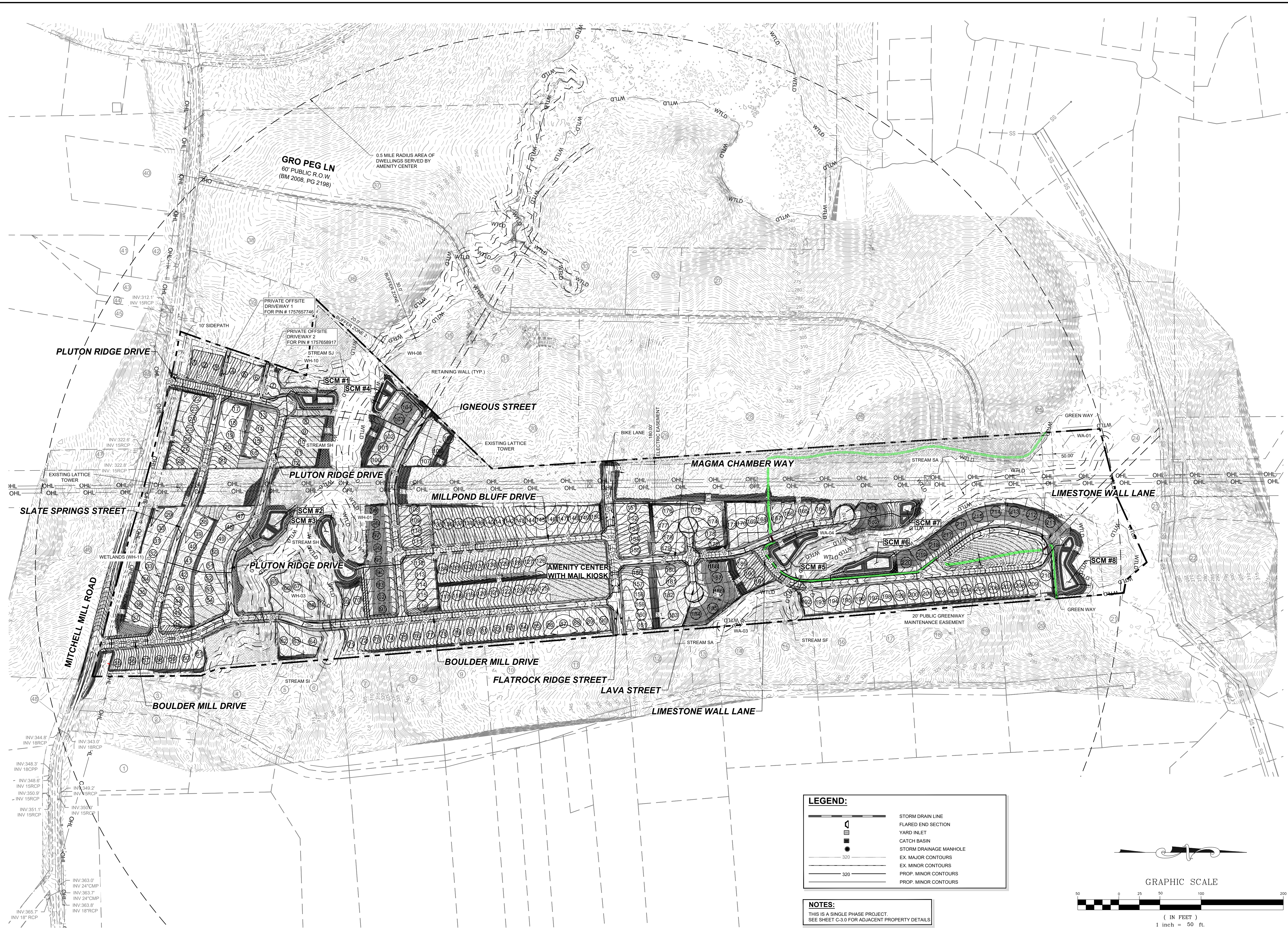
PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #1 BEGIN: SSMH #01 END: SSMH #02	PVC - SDR 26	8"	173	322.99	309.09	8.03%
P #2 BEGIN: SSMH #02 END: SSMH #03	PVC - SDR 26	8"	149	308.89	299.33	6.42%
P #3 BEGIN: SSMH #03 END: SSMH #04	PVC - SDR 26	8"	189	299.13	293.30	3.10%
P #4 BEGIN: SSMH #04 END: SSMH #09 INSIDE DROP MANHOLE	PVC - SDR 26	8"	49	293.10	292.70	0.80%
P #5 BEGIN: SSMH #05 END: SSMH #06	PVC - SDR 26	8"	381	292.77	286.23	1.72%
P #6 BEGIN: SSMH #06 END: SSMH #07	PVC - SDR 26	8"	61	285.34	283.84	2.43%
P #7 BEGIN: SSMH #07 END: SSMH #08	PVC - SDR 26	8"	132	283.64	282.16	1.12%
P #8 BEGIN: SSMH #08 END: SSMH #09 INSIDE DROP MANHOLE	DIP	8"	243	281.96	280.74	0.50%
P #9 BEGIN: SSMH #09 END: SSMH #10 INSIDE DROP MANHOLE	DIP	8"	238	280.54	279.35	0.50%
P #10 BEGIN: SSMH #10 END: SSMH #11	PVC - SDR 26	8"	89	279.15	278.70	0.50%
P #11 BEGIN: SSMH #11 END: SSMH #12	DIP	8"	203	278.50	277.49	0.50%
P #12 BEGIN: SSMH #12 END: SSMH #13	DIP	8"	285	277.29	275.86	0.50%
P #13 BEGIN: SSMH #13 END: SSMH #21	DIP	8"	266	275.66	274.33	0.50%
P #14 BEGIN: SSMH #14 END: SSMH #15	PVC - SDR 26	8"	89	309.14	302.16	7.81%
P #15 BEGIN: SSMH #15 END: SSMH #16	PVC - SDR 26	8"	286	301.96	296.70	1.84%
P #16 BEGIN: SSMH #16 END: SSMH #17	PVC - SDR 26	8"	207	296.50	295.47	0.50%
P #17 BEGIN: SSMH #17 END: SSMH #18	PVC - SDR 26	8"	211	295.27	294.22	0.50%
P #18 BEGIN: SSMH #18 END: SSMH #20	PVC - SDR 26	8"	365	294.02	287.12	1.89%
P #19 BEGIN: SSMH #19 END: SSMH #20	PVC - SDR 26	8"	171	302.67	287.12	9.07%
P #20 BEGIN: SSMH #20 END: SSMH #21	PVC - SDR 26	8"	318	284.62	276.47	2.57%
P #21 BEGIN: SSMH #21 END: SSMH #22	PVC - SDR 26	8"	74	274.13	273.76	0.50%
P #22 BEGIN: SSMH #22 END: SSMH #23	PVC - SDR 26	8"	143	273.56	272.85	0.50%
P #23 BEGIN: SSMH #23 END: SSMH #25	DIP	8"	231	272.65	271.49	0.50%
P #25 BEGIN: SSMH #25 END: SSMH #26	PVC - SDR 26	8"	163	271.29	270.47	0.50%
P #26 BEGIN: SSMH #26 END: SSMH #39	PVC - SDR 26	8"	35	270.27	270.10	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #27 BEGIN: SSMH #27 END: SSMH #28	PVC - SDR 26	8"	303	338.19	336.68	0.50%
P #28 BEGIN: SSMH #28 END: SSMH #29	PVC - SDR 26	8"	377	336.48	313.19	6.19%
P #29 BEGIN: SSMH #29 END: SSMH #30	PVC - SDR 26	8"	295	312.99	298.58	4.88%
P #30 BEGIN: SSMH #30 END: SSMH #36	PVC - SDR 26	8"	321	296.17	283.80	3.85%
P #31 BEGIN: SSMH #31 END: SSMH #33	PVC - SDR 26	8"	75	326.29	320.92	7.18%
P #32 BEGIN: SSMH #32 END: SSMH #33	PVC - SDR 26	8"	124	319.24	318.62	0.50%
P #33 BEGIN: SSMH #33 END: SSMH #34	DIP	8"	407	318.42	316.39	0.50%
P #34 BEGIN: SSMH #34 END: SSMH #35	PVC - SDR 26	8"	209	316.19	309.81	2.13%
P #35 BEGIN: SSMH #35 END: SSMH #36	PVC - SDR 26	8"	340	309.61	286.10	6.91%
P #36 BEGIN: SSMH #36 END: SSMH #37	PVC - SDR 26	8"	323	283.60	281.99	0.50%
P #37 BEGIN: SSMH #37 END: SSMH #38	PVC - SDR 26	8"	83	281.79	281.37	0.50%
P #38 BEGIN: SSMH #38 END: SSMH #39	DIP	8"	178	281.17	272.40	4.92%
P #39 BEGIN: SSMH #39 END: SSMH #40	DIP	8"	166	269.90	269.07	0.50%
P #40 BEGIN: SSMH #40 END: SSMH #41	DIP	8"	211	268.87	267.82	0.50%
P #41 BEGIN: SSMH #41 END: SSMH #42	DIP	8"	299	267.62	261.44	2.06%
P #42 BEGIN: SSMH #42 END: SSMH #43	PVC - SDR 26	8"	298	261.24	241.83	6.52%
P #43 BEGIN: SSMH #43 END: SSMH #44	PVC - SDR 26	8"	197	241.63	240.65	0.50%
P #44 BEGIN: SSMH #44 END: SSMH #45	PVC - SDR 26	8"	167	240.45	239.61	0.50%
P #45 BEGIN: SSMH #45 END: SSMH #46	PVC - SDR 26	8"	206	239.41	238.38	0.50%
P #46 BEGIN: SSMH #46 END: SSMH #47	PVC - SDR 26	8"	69	238.18	237.84	0.50%
P #47 BEGIN: SSMH #47 END: SSMH #49	PVC - SDR 26	8"	86	237.64	237.20	0.51%
P #48 BEGIN: SSMH #48 END: SSMH #50	PVC - SDR 26	8"	312	237.56	236.82	2.80%
P #49 BEGIN: SSMH #49 END: SSMH #53 INSIDE DROP MANHOLE	PVC - SDR 26	8"	376	236.82	212.75	4.22%
P #50 BEGIN: SSMH #50 END: SSMH #53 INSIDE DROP MANHOLE	PVC - SDR 26	8"	173	328.30	323.81	2.60%
P #51 BEGIN: SSMH #51 END: SSMH #53 INSIDE DROP MANHOLE	PVC - SDR 26	8"	207	319.74	317.05	1.30%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #52 BEGIN: SSMH #52 END: SSMH #54	PVC - SDR 26	8"	226	312.55	306.15	2.83%
P #53 BEGIN: SSMH #53 END: SSMH #57	PVC - SDR 26	8"	112	305.95	302.38	3.19%
P #54 BEGIN: SSMH #54 END: SSMH #55	PVC - SDR 26	8"	237	303.59	302.14	0.61%
P #55 BEGIN: SSMH #55 END: SSMH #57	PVC - SDR 26	8"	237	301.94	300.08	0.79%
P #56 BEGIN: SSMH #56 END: SSMH #57	PVC - SDR 26	8"	42	299.88	299.66	0.50%
P #57 BEGIN: SSMH #57 END: SSMH #59	PVC - SDR 26	8"	143	299.46	294.14	3.73%
P #58 BEGIN: SSMH #58 END: SSMH #60	PVC - SDR 26	8"	114	293.94	288.78	4.54%
P #59 BEGIN: SSMH #59 END: SSMH #61	PVC - SDR 26	8"	340	288.58	282.29	1.85%
P #60 BEGIN: SSMH #60 END: SSMH #62	PVC - SDR 26	8"	399	282.09	280.09	0.50%
P #61 BEGIN: SSMH #61 END: SSMH #63	PVC - SDR 26	8"	392	279.89	264.72	3.87%
P #62 BEGIN: SSMH #62 END: SSMH #64	PVC - SDR 26	8"	44	264.52	263.62	2.06%
P #63 BEGIN: SSMH #63 END: SSMH #65	PVC - SDR 26	8"	36	263.42	261.64	4.91%
P #64 BEGIN: SSMH #64 END: SSMH #71	PVC - SDR 26	8"	43	261.44	260.00	3.38%
P #65 BEGIN: SSMH #65 END: SSMH #67	PVC - SDR 26	8"	219	264.72	269.40	7.00%
P #66 BEGIN: SSMH #66 END: SSMH #68	PVC - SDR 26	8"	98	269.20	266.62	2.62%
P #67 BEGIN: SSMH #67 END: SSMH #69	PVC - SDR 26	8"	100	266.42	264.53	1.89%
P #68 BEGIN: SSMH #68 END: SSMH #70	PVC - SDR 26	8"	145	264.33	263.02	0.90%
P #69 BEGIN: SSMH #69 END: SSMH #71	PVC - SDR 26	8"	53	262.82	260.00	5.29%
P #70 BEGIN: SSMH #70 END: SSMH #71A	PVC - SDR 26	8"	38	259.80	256.96	7.52%
P #70A BEGIN: SSMH #71A END: SSMH #72	PVC - SDR 26	8"	206	254.46	242.35	5.87%
P #71 BEGIN: SSMH #71 END: SSMH #73	PVC - SDR 26	8"	155	242.15	241.38	0.50%
P #72 BEGIN: SSMH #72 END: SSMH #74	PVC - SDR 26	8"	211	241.18	240.12	0.50%
P #73 BEGIN: SSMH #73 END: SSMH #76	PVC - SDR 26	8"	203	239.92	238.91	0.50%

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #01	4'	333.45		322.99 N	10.48
SSMH #02	4'	318.61	309.09 S	308.89 N	9.74
SSMH #03	4'	307.38	299.33 S	299.13 NW	8.24
SSMH #04	4'	302.02	293.30 SE	293.10 N	9.13
SSMH #05	5'	307.09		292.77 S	14.38
SSMH #06	4'	292.73	286.23 N	285.34 S	7.39
SSMH #07	4'	293.02	283.84 N	283.64 S	9.39
SSMH #08	4'	293.94	282.16 N	281.96 S	11.99
SSMH #09 INSIDE DROP MANHOLE	6'	300.99	292.70 S 280.74 N	280.54 W	20.48
SSMH #10	5'	298.30	279.35 E	279.15 W	19.15
SSMH #11	5'	297.72	278.70 E	278.50 NW	19.22
SSMH #12	6'	299.97	277.49 SE	277.29 W	22.69
SSMH #13	6'	300.09	275.86 E	275.66 W	24.43
SSMH #14	4'	315.00		309.14 W	5.87
SSMH #15	4'	311.26	302.16 E	301.96 W	9.30
SSMH #16	4'	306.69	296.70 E	296.50 NW	10.18
SSMH #17	5'	307.87	295.47 SE	295.27 W	12.60
SSMH #18	4'	304.83	294.22 E	294.02 W	10.81
SSMH #19	4'	314.06		302.67 N	11.41
SSMH #20	5'	299.69	287.12 S 287.12 E	284.62 N	15.10
SSMH #21	5'	290.65	274.33 E 276.47 S	274.13 NE	16.55
SSMH #22	5'	291.11	273.76 SW	273.56 N	17.54
SSMH #23	4'	276.37	272.85 S	272.65 N	3.72
SSMH #25	4'	274.25	271.49 S	271.29 NE	2.96
SSMH #26	6'	290.29	270.47 SW	270.27 NE	20.01
SSMH #27	4'	343.88		338.19 S	5.69
SSMH #28	4'	345.83	336.68 N	336.48 S	9.35
SSMH #29	4'	324.87	313.19 N	312.99 S	11.88
SSMH #30	4'	308.07	298.58 N	296.17 W	11.93
SSMH #31	4'	324.93		319.24 E	5.69
SSMH #32	4'	333.41		326.29 W	7.15
SSMH #33	4'	329.40	318.62 W 320.92 E	318.42 S	11.00
SSMH #34	5'	336.16	316.39 N	316.19 S	19.97
SSMH #35	4'	317.83	309.81 N	309.61 S	8.22
SSMH #36	5'	300.35	283.80 E 286.10 N	283.60 W	16.77
SSMH #37	4'	290.84	281.99 E	281.79 W	9.05
SSMH #38	4'	289.76	281.37 E	281.17 NW	8.59
SSMH #39	5'	289.25	272.40 SE 270.10 SW	269.90 NW	19.34
SSMH #40	6'	289.94	269.07 SE	268.87 NW	21.06
SSMH #41	6'	289.63	267.82 SE	267.62 NW	22.01

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #42	4'	267.65	261.44 SE	261.24 NW	6.41
SSMH #43	5'	255.10	241.83 SE	241.63 NW	13.60
SSMH #44	4'	251.36	240.65 SE	240.45 W	10.93
SSMH #45	4'	244.49	239.61 E	239.41 NW	5.08
SSMH #46	4'	245.77	238.38 SE	238.18 NW	7.58
SSMH #47	4'	245.26	237.84 SE	237.64 NW	7.63
SSMH #49	4'	343.25		337.56 W	5.69
SSMH #50	4'	336.72	328.82 E	328.62 N	8.11
SSMH #51	4'	334.71		328.30 E	6.43
SSMH #52	4'	325.43		319.74 W	5.71
SSMH #53 INSIDE DROP MANHOLE	6'	330.22	312.75 S 323.81 W 317.05 E	312.55 N	17.67
SSMH #54	5'	318.47	306.15 S	305.95 N	12.55
SSMH #55	4'	309.47		303.59 S	5.91
SSMH #56	5'	316.82	302.14 N	301.94 SE	14.88
SSMH #57	5'	318.55	302.38 S 300.08 NW	299.88 NE	18.70
SSMH #58	5'	315.87	299.66 SW	299.46 NE	16.41
SSMH #59	4'	303.77	294.14 SW	293.94 NE	9.83
SSMH #60	4'	296.71	288.78 SW	288.58 N	8.13
SSMH #61	5'	299.30	282.29 S	282.09 N	17.22
SSMH #62	4'	291.24	280.09 S	279.89 N	11.35
SSMH #63	4'	272.09	264.72 S	264.52 NW	7.59

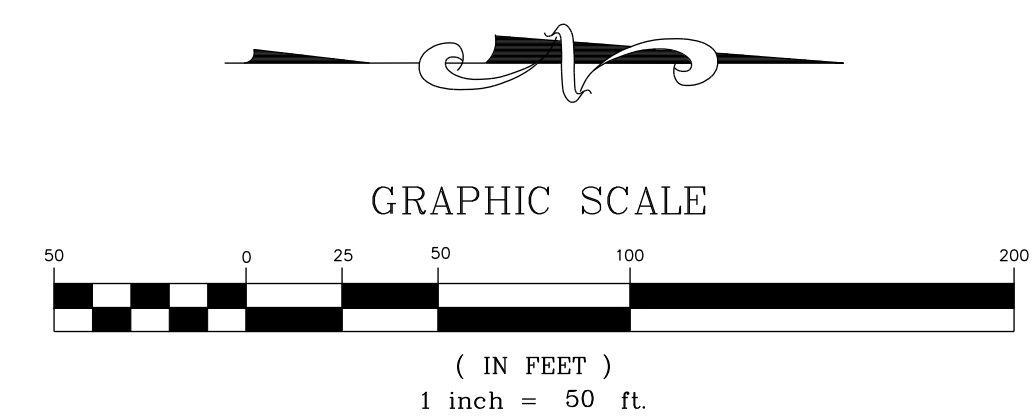


INV. 312.1
 INV. 15RCP
 INV. 322.6
 INV. 15RCP
 INV. 322.8
 INV. 15RCP
 INV. 344.8
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 INV. 348.3
 INV. 18CPP
 INV. 348.6
 INV. 15RCP
 INV. 350.9
 INV. 15RCP
 INV. 351.1
 INV. 15RCP
 INV. 363.0
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 INV. 365.7
 INV. 18RCP

LEGEND:

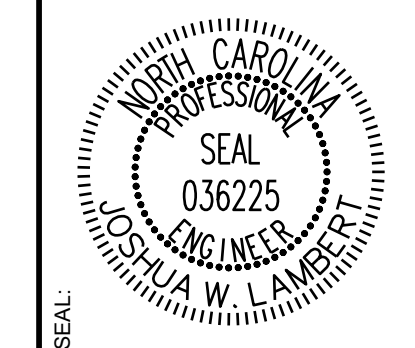
	STORM DRAIN LINE
	FLARED END SECTION
	YARD INLET
	CATCH BASIN
	STORM DRAINAGE MANHOLE
	EX. MAJOR CONTOURS
	PROP. MINOR CONTOURS

NOTES:
 THIS IS A SINGLE PHASE PROJECT.
 SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.



THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

NO.	REVISIONS	DATE	BY



STRONGROCK
 ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

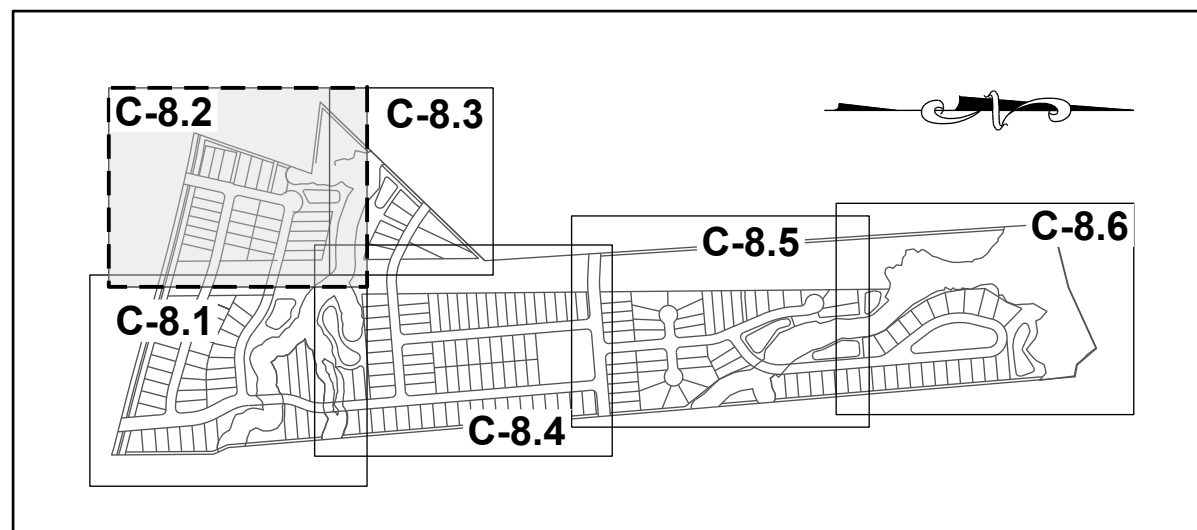
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS
OVERALL GRADING & DRAINAGE PLAN

DRAWING SHEET
C-8.0

37 OF 88



SITE KEY PLAN

LEGEND:

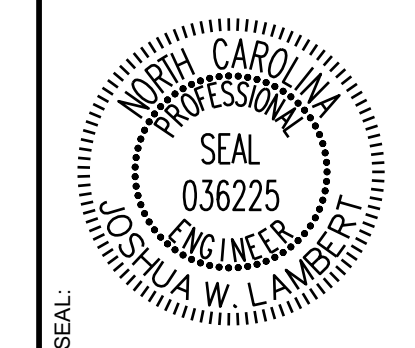
SEE SHEET C-8.0 FOR LEGEND.



15. We have noted that you confirmed that this street has positive drainage to CB #37 and #36 during PSP submittals. Please include spot elevations or a profile showing the detail to confirm positive drainage.

SREG: The storm network has been updated on this private driveway, see Sheet C8.2

No.	REVISIONS	DATE	BY



STRONGROCK
ENGINEERING GROUP

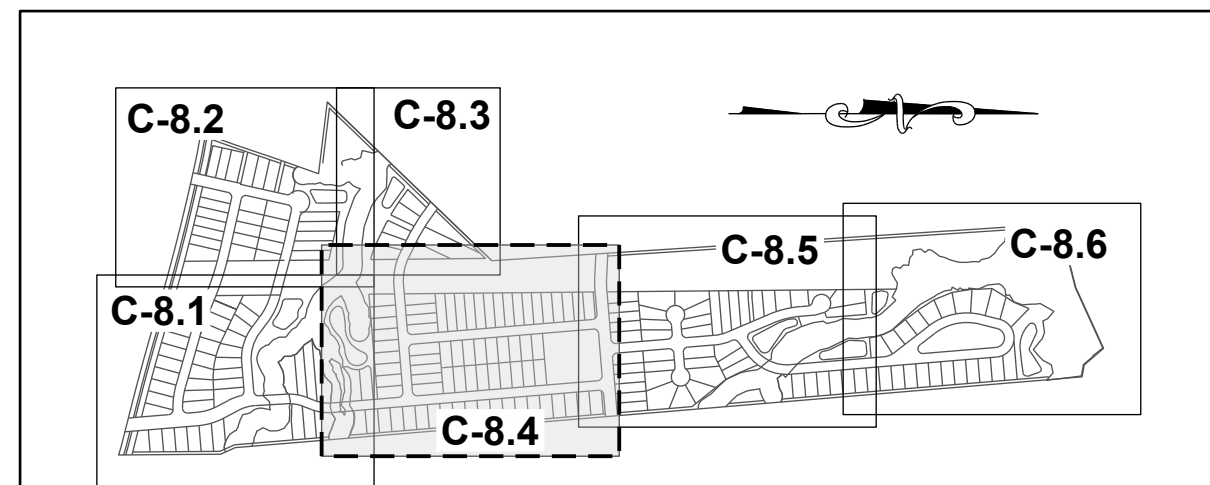
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	JWL	SRG	DRAWN BY	JWL	CHECKED BY	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL GRADING & DRAINAGE
PLAN II

DRAWING SHEET
C-8.2

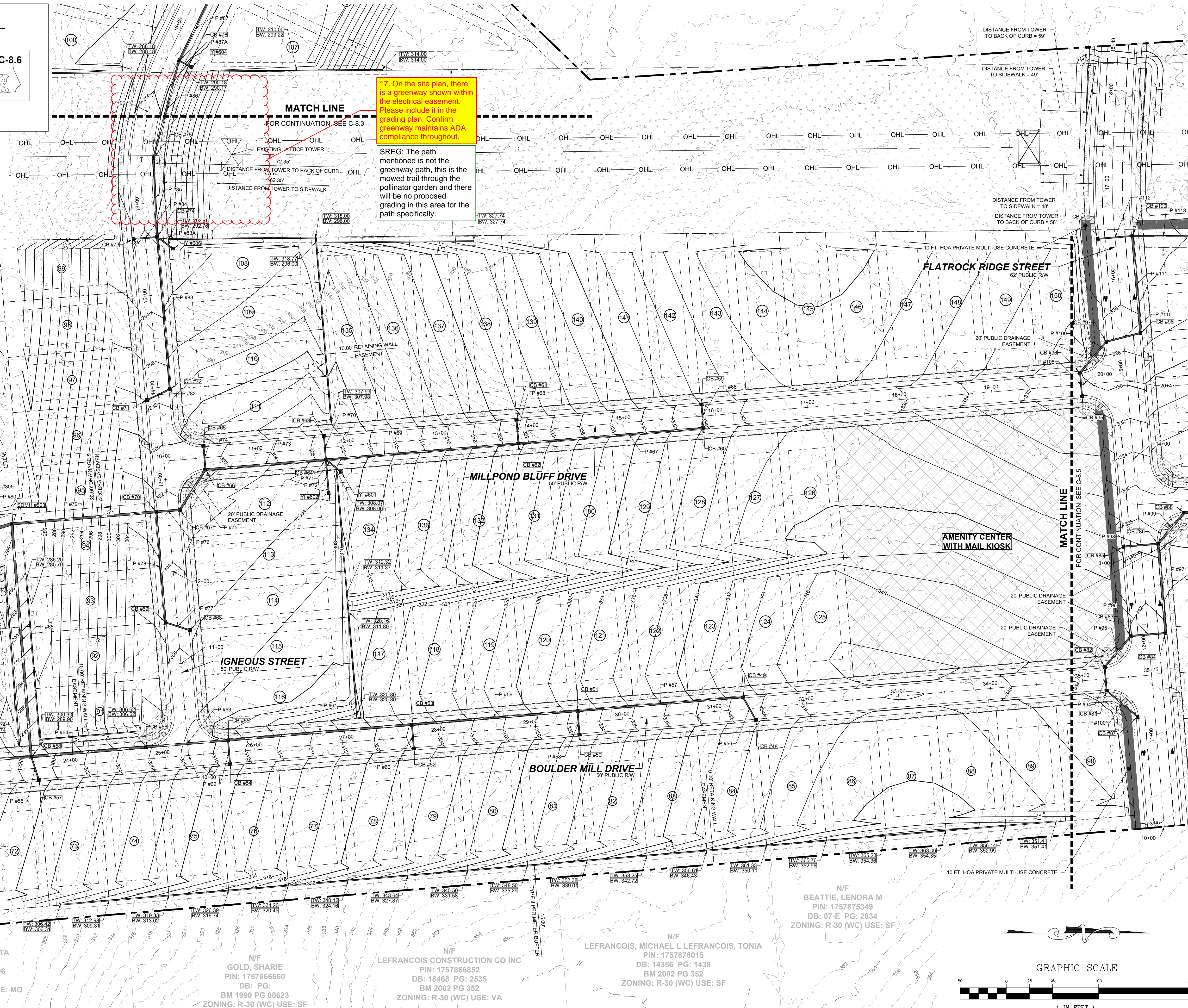
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.



17. On the site plan, there is a greenway shown within the electrical easement. Please include it in the grading plan. Confirm greenway maintains ADA compliance throughout.

SREG: The path mentioned is not the greenway path, this is the mowed trail through the pollinator garden and there will be no proposed grading in this area for the path specifically.

NO.	REVISIONS	DATE	BY



STRONGROCK
ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS

PARTIAL GRADING & DRAINAGE PLAN IV

DRAWING SHEET

C-8.4

THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #1 BEGIN: CB #01 END: CB #02	RCP	15"	34	310.46	309.96	1.46%
P #2 BEGIN: CB #02 END: CB #03	RCP	15"	140	308.92	298.04	7.76%
P #3 BEGIN: CB #03 END: CB #10	RCP	18"	95	297.65	290.08	8.00%
P #4 BEGIN: CB #05 END: CB #06	RCP	15"	26	296.00	295.24	2.95%
P #5 BEGIN: CB #06 END: CB #08	RCP	15"	122	295.04	292.65	1.97%
P #6 BEGIN: CB #07 END: CB #08	RCP	15"	26	293.15	292.89	1.00%
P #7 BEGIN: CB #08 END: CB #09	RCP	18"	112	292.45	291.88	0.50%
P #8 BEGIN: CB #09 END: CB #10	RCP	18"	54	291.65	290.30	2.53%
P #9 BEGIN: DI #201 END: CB #04	RCP	15"	53	294.73	290.53	8.00%
P #10 BEGIN: CB #04 END: CB #10	RCP	15"	26	290.33	290.07	1.00%
P #11 BEGIN: CB #10 END: CB #10A	RCP	24"	107	288.20	284.39	3.56%
P #11A BEGIN: YI #605 END: CB #10A	RCP	15"	38	285.88	285.18	1.87%
P #11B BEGIN: CB #10A END: CB #11	RCP	24"	70	284.19	281.88	3.28%
P #12 BEGIN: CB #11 END: CB #12	RCP	24"	26	281.68	281.56	0.50%
P #13 BEGIN: DI #202 END: CB #12	RCP	15"	33	284.44	282.56	5.70%
P #14 BEGIN: CB #12 END: CB #17	RCP	24"	96	281.36	280.88	0.50%
P #15 BEGIN: CB #13 END: CB #14	RCP	15"	35	293.84	293.02	2.37%
P #16 BEGIN: CB #14 END: CB #16	RCP	15"	160	292.76	287.85	3.08%
P #17 BEGIN: CB #15 END: CB #16	RCP	15"	41	288.14	287.86	0.68%
P #18 BEGIN: CB #16 END: CB #17	RCP	18"	93	287.47	283.18	4.59%
P #19 BEGIN: CB #17 END: SDMH #501	RCP	30"	36	280.68	278.55	5.97%
P #20 BEGIN: SDMH #501 END: FES #301	RCP	30"	42	278.35	278.00	0.84%
P #21 BEGIN: OCS #401 END: FES #302	RCP	18"	59	274.00	269.00	8.47%
P #22 BEGIN: CB #18 END: CB #19	RCP	15"	44	332.57	331.42	2.61%
P #23 BEGIN: CB #19 END: CB #21	RCP	15"	173	329.49	317.41	7.00%
P #24 BEGIN: CB #20 END: CB #21	RCP	15"	44	317.41	315.74	3.81%
P #25 BEGIN: CB #21 END: CB #22	RCP	18"	49	315.54	311.39	8.56%
P #26 BEGIN: CB #22 END: CB #23	RCP	18"	26	311.19	310.93	1.00%
P #27 BEGIN: CB #23 END: CB #25	RCP	24"	167	310.73	303.03	4.62%
P #28 BEGIN: CB #24 END: CB #25	RCP	15"	26	304.49	303.03	5.70%
P #29 BEGIN: CB #25 END: CB #29	RCP	24"	151	302.83	300.33	1.66%
P #30 BEGIN: CB #26 END: CB #27	RCP	15"	33	302.60	302.27	1.00%
P #31 BEGIN: CB #27 END: CB #29	RCP	15"	150	302.07	300.33	1.17%
P #32 BEGIN: CB #28 END: CB #29	RCP	18"	26	301.47	300.33	4.46%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #33 BEGIN: CB #29 END: CB #203	RCP	24"	121	300.13	294.12	4.98%
P #33A BEGIN: YI #603 END: SDMH #505	RCP	24"	27	293.92	293.78	0.50%
P #34 BEGIN: SDMH #505 END: CB #30	RCP	24"	119	293.58	292.99	0.50%
P #35 BEGIN: CB #30 END: CB #37	RCP	24"	26	292.28	292.15	0.50%
P #36 BEGIN: CB #32 END: CB #32	RCP	15"	48	301.81	301.03	1.61%
P #37 BEGIN: CB #32 END: CB #34	RCP	18"	161	300.49	296.65	2.39%
P #38 BEGIN: CB #33 END: CB #34	RCP	15"	40	297.19	296.79	1.00%
P #39 BEGIN: CB #34 END: CB #35	RCP	24"	45	296.29	294.90	3.08%
P #40 BEGIN: CB #35 END: CB #36	RCP	24"	82	294.70	294.03	0.81%
P #41 BEGIN: CB #36 END: CB #30	RCP	30"	101	293.83	292.48	1.34%
P #42 BEGIN: CB #37 END: CB #39	RCP	30"	105	291.95	291.42	0.50%
P #43 BEGIN: CB #38 END: CB #39	RCP	15"	26	293.17	292.91	1.00%
P #44 BEGIN: CB #39 END: SDMH #502	RCP	36"	90	291.22	287.52	4.10%
P #45 BEGIN: CB #40 END: CB #41	RCP	15"	27	293.28	291.13	8.00%
P #46 BEGIN: CB #41 END: SDMH #502	RCP	18"	43	290.93	287.52	8.00%
P #47 BEGIN: SDMH #502 END: FES #303	RCP	36"	43	287.32	287.00	0.73%
P #48 BEGIN: OCS #402 END: FES #304	RCP	18"	58	283.00	280.04	5.09%
P #49 BEGIN: CB #42 END: FES #306	RCP	15"	26	289.96	289.23	2.86%
P #50 BEGIN: CB #43 END: CB #44	RCP	15"	117	289.03	288.45	0.50%
P #51 BEGIN: CB #44 END: CB #45	RCP	18"	26	288.25	288.12	0.50%
P #52 BEGIN: CB #45 END: CB #45A	RCP	18"	89	287.92	287.47	0.50%
P #52A BEGIN: CB #45A END: CB #47	RCP	18"	87	287.27	286.69	0.67%
P #52B BEGIN: CB #45B END: CB #45A	RCP	15"	26	288.04	287.91	0.50%
P #53 BEGIN: CB #46 END: CB #47	RCP	15"	26	284.57	284.44	0.50%
P #54 BEGIN: CB #47 END: CB #58	RCP	24"	133	284.24	283.58	0.50%
P #55 BEGIN: CB #57 END: CB #58	RCP	15"	26	286.50	284.86	6.19%
P #56 BEGIN: CB #48 END: CB #49	RCP	15"	28	338.24	337.43	2.87%
P #57 BEGIN: CB #49 END: CB #51	RCP	18"	180	337.14	324.54	7.00%
P #58 BEGIN: CB #50 END: CB #51	RCP	15"	26	325.01	324.75	1.00%
P #59 BEGIN: CB #51 END: CB #53	RCP	18"	180	324.34	313.36	6.10%
P #60 BEGIN: CB #52 END: CB #53	RCP	15"	26	314.33	314.07	1.00%
P #61 BEGIN: CB #53 END: CB #55	RCP	24"	200	313.16	302.50	5.33%
P #62 BEGIN: CB #54 END: CB #55	RCP	15"	26	304.35	303.83	2.04%
P #63 BEGIN: CB #55 END: CB #56	RCP	24"	89	302.30	296.31	6.70%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #64 BEGIN: CB #56 END: YI #603	RCP	30"	125	294.38	285.65	7.00%
P #65 BEGIN: CB #58 END: SDMH #503	RCP	30"	253	283.38	279.48	1.54%
P #66 BEGIN: CB #59 END: CB #60	RCP	15"	26	329.24	328.99	1.00%
P #67 BEGIN: CB #60 END: CB #62	RCP	18"	201	328.79	315.34	6.69%
P #68 BEGIN: CB #61 END: CB #62	RCP	15"	26	316.71	315.34	5.37%
P #69 BEGIN: CB #62 END: CB #64	RCP	18"	209	315.13	300.83	6.83%
P #70 BEGIN: CB #63 END: CB #64	RCP	15"	26	302.16	300.83	5.18%
P #71 BEGIN: YI #601 END: CB #64	RCP	15"	21	303.42	302.01	6.76%
P #72 BEGIN: YI #602 END: CB #64	RCP	15"	36	301.08	300.83	0.69%
P #73 BEGIN: CB #64 END: CB #66	RCP	24"	131	300.41	295.71	3.59%
P #74 BEGIN: CB #65 END: CB #66	RCP	15"	26	296.74	296.40	1.33%
P #75 BEGIN: CB #66 END: CB #67	RCP	24"	52	295.51	292.92	5.03%
P #76 BEGIN: CB #67 END: CB #70	RCP	24"	26	292.72	292.46	1.00%
P #77 BEGIN: CB #68 END: CB #69	RCP	15"	28	298.00	297.20	2.87%
P #78 BEGIN: CB #69 END: CB #70	RCP	18"	120	297.00	292.51	3.73%
P #79 BEGIN: CB #70 END: SDMH #503	RCP	30"	157	292.01	279.48	7.97%
P #80 BEGIN: SDMH #503 END: FES #305	RCP	36"	35	279.28	279.00	0.81%
P #81 BEGIN: OCS #403 END: FES #306	RCP	18"	48	275.00	270.40	9.56%
P #82 BEGIN: CB #71 END: CB #72	RCP	15"	28	293.07	292.06	3.68%
P #83 BEGIN: CB #72 END: CB #74	RCP	15"	165	291.86	286.82	3.05%
P #83A BEGIN: YI #606 END: CB #74	RCP	15"	21	288.41	287.26	5.38%
P #84 BEGIN: CB #73 END: CB #74	RCP	15"	26	287.40	287.14	1.00%
P #85 BEGIN: CB #74 END: CB #75	RCP	18"	86	286.62	285.96	0.77%
P #86 BEGIN: CB #75 END: CB #76	RCP	18"	109	285.71	284.74	0.89%
P #87 BEGIN: CB #76 END: CB #78	RCP	18"	76	284.53	284.02	0.66%
P #87A BEGIN: YI #604 END: CB #76	RCP	15"	15	285.58	284.73	5.56%
P #88 BEGIN: CB #77 END: CB #78	RCP	15"	26	284.43	284.17	1.00%
P #89 BEGIN: CB #78 END: CB #79	RCP	24"	176	283.62	282.61	0.57%
P #90 BEGIN: CB #79 END: CB #80	RCP	24"	26	282.41	282.28	0.50%
P #91 BEGIN: CB #80 END: SDMH #505A	RCP	30"	36	282.08	280.74	3.76%
P #91A BEGIN: SDMH #505A END: SDMH #504	RCP	30"	128	280.54	271.36	7.18%
P #92 BEGIN: SDMH #504 END: FES #307	RCP	30"	32	271.16	271.00	0.50%
P #93 BEGIN: OCS #404 END: FES #308	RCP	15"	31	267.00	266.00	3.27%
P #93A BEGIN: Structure - (267) END: Structure - (268)	RCP	42"	54	273.28	274.58	2.42%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #93B BEGIN: Structure - (269) END: Structure - (270)	RCP	42"	53	281.10	280.66	0.84%
P #94 BEGIN: CB #81 END: CB #82	RCP	15"	26	337.62	337.49	0.50%
P #95 BEGIN: CB #82 END: CB #83	RCP	18"	44	337.29	337.07	0.50%
P #96 BEGIN: CB #83 END: CB #84	RCP	18"	38	336.87	336.68	0.50%
P #97 BEGIN: CB #84 END: CB #86	RCP	24"	97	336.48	333.93	2.63%
P #98 BEGIN: CB #85 END: CB #86	RCP	18"	38	334.48	334.10	1.00%
P #99 BEGIN: CB #86 END: CB #88	RCP	24"	44	333.90	331.07	6.43%
P #100 BEGIN: CB #87 END: CB #81	RCP	15"	44	338.04	337.82	0.50%
P #101 BEGIN: CB #88 END: CB #90	RCP	24"	141	330.87	330.10	0.55%
P #102 BEGIN: CB #89 END: CB #90	RCP	15"	26	330.92	330.66	1.00%
P #103 BEGIN: CB #90 END: CB #91	RCP	24"	139	329.90	324.33	4.00%
P #104 BEGIN: CB #91 END: CB #92	RCP	24"	45	324.11	321.39	6.00%
P #105 BEGIN: CB #92 END: CB #94	RCP	24"	26	321.19	319.40	7.00%
P #106 BEGIN: CB #93 END: SDMH #507	RCP	15"	94	320.26	319.79	0.50%
P #107 BEGIN: CB #94 END: FES #311	RCP	30"	44	319.00	315.84	7.15%
P #108 BEGIN: CB #95 END: CB #96	RCP	15"	26	325.00	324.74	1.00%
P #109 BEGIN: CB #96 END: CB #97	RCP	18"	44	324.44	322.21	5.07%
P #110 BEGIN: CB #97 END: CB #98	RCP	18"	38	322.00	321.62	1.00%
P #111 BEGIN: CB #98 END: CB #100	RCP	24"	105	320.90	318.74	2.05%
P #112 BEGIN: CB #99 END: CB #100	RCP	15"	38	320.07	318.74	3.53%
P #113 BEGIN: CB #100 END: YI #601	RCP	18"	173	318.54	317.68	0.50%
P #114 BEGIN: YI #601 END: YI #602	RCP	18"	192	317.48	316.48	0.52%
P #115 BEGIN: YI #602 END: CB #103	RCP	18"	68	316.28	315.94	0.50%
P #116 BEGIN: CB #103 END: CB #105A	RCP	30"	84	315.74	315.32	0.50%
P #116A BEGIN: CB #105A END: CB #105	RCP	30"	69	315.12	314.77	0.50%
P #117 BEGIN: CB #104 END: CB #105	RCP	15"	27	318.39	317.07	4.90%
P #117A BEGIN: CB #104A END: CB #105A	RCP	15"	68	317.17	316.64	0.78%
P #118 BEGIN: CB #105 END: CB #106	RCP	30"	45	314.57	314.35	0.50%
P #119 BEGIN: CB #106 END: CB #107	RCP	30"	26	314.15	314.02	0.50%
P #120 BEGIN: CB #107 END: CB #109	RCP	30"	141	313.82	310.20	2.57%
P #121 BEGIN: CB #108 END: CB #109	RCP	15"	26	311.48	310.20	5.00%
P #122 BEGIN: CB #109 END: CB #111	RCP	30"	84	309.90	306.70	3.81%
P #123 BEGIN: OCS #410 END: CB #111	RCP	15"	26	308.98	307.70	5.00%
P #124 BEGIN: CB #111 END: CB #112	RCP	30"	129	306.50	304.43	1.61%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #125 BEGIN: CB #112 END: CB #114	RCP	36"	129	304.23	301.35	2.23%
P #125A BEGIN: CB #112A END: CB #112	RCP	15"	26	307.54	306.56	3.79%
P #126 BEGIN: CB #113 END: CB #114	RCP	15"	26	305.00	303.65	5.26%
P #127 BEGIN: CB #114 END: FES #309	RCP	36"	29	301.15	301.00	0.50%
P #128 BEGIN: OCS #410 END: FES #310	RCP	18"	57	297.00	292.15	8.54%
P #129 BEGIN: CB #115 END: CB #116	RCP	15"	26	298.18	297.76	1.64%
P #130 BEGIN: CB #116 END: CB #117	RCP	15"	72	297.56	293.05	6.25%
P #131						

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #01	2' X 3'	314.90		310.46 E
CB #02	2' X 3'	314.40	309.96 W	308.92 N
CB #03	2' X 3'	302.74	298.04 S	297.65 N
CB #04	2' X 3'	295.25	290.53 S	290.33 E
CB #05	2' X 3'	300.44		296.00 N
CB #06	2' X 3'	300.44	295.24 S	295.04 W
CB #07	2' X 3'	297.59		293.15 N
CB #08	2' X 3'	297.58	292.89 S 292.65 E	292.45 W
CB #09	2' X 3'	298.46	291.88 E	291.65 NW
CB #10	2' X 3'	295.03	290.07 W 290.08 S 290.30 SE	288.20 N
CB #10A	2' X 3'	289.71	284.39 S 285.18 E	284.19 N
CB #11	2' X 3'	288.71	281.88 S	281.68 W
CB #12	2' X 3'	288.71	281.56 E 282.56 S	281.36 N
CB #13	2' X 3'	298.28		293.84 NW
CB #14	2' X 3'	297.46	293.02 SE	292.76 W
CB #15	2' X 3'	292.57		288.14 N
CB #16	2' X 3'	291.70	287.85 E 287.86 S	287.47 W
CB #17	2' X 3'	289.40	280.88 S 283.18 E	280.68 NW
CB #18	2' X 3'	337.01		332.57 W
CB #19	2' X 3'	336.52	331.42 E	329.49 N
CB #20	2' X 3'	321.84		317.41 W
CB #21	2' X 3'	321.84	317.41 S 315.74 E	315.54 NW
CB #22	2' X 3'	316.30	311.39 SE	311.19 N
CB #23	2' X 3'	316.21	310.93 S	310.73 W
CB #24	2' X 3'	308.93		304.49 N
CB #25	2' X 3'	308.95	303.03 S 303.03 E	302.83 W
CB #26	2' X 3'	307.04		302.60 NE
CB #27	2' X 3'	306.93	302.27 SW	302.07 E
CB #28	2' X 3'	306.18		301.47 N
CB #29	2' X 3'	306.18	300.33 E 300.33 S 300.33 W	300.13 N
CB #30	2' X 3'	298.32	292.99 S 292.48 E	292.28 N
CB #31	2' X 3'	306.24		301.81 W
CB #32	2' X 3'	305.46	301.03 E	300.49 NW
CB #33	2' X 3'	301.60		297.19 W
CB #34	2' X 3'	301.59	296.65 SE 296.79 E	296.29 NW
CB #35	2' X 3'	300.20	294.90 SE	294.70 W
CB #36	2' X 3'	299.28	294.03 E	293.83 W
CB #37	2' X 3'	298.32	292.15 S	291.95 W
CB #38	2' X 3'	297.60		293.17 NE
CB #39	2' X 3'	297.59	291.42 E 292.91 SW	291.22 NW
CB #40	2' X 3'	298.39		293.28 NE
CB #41	2' X 3'	298.29	291.13 SW	290.93 NE
CB #42	2' X 3'	294.02		289.96 E
CB #43	2' X 3'	294.02	289.23 W	289.03 N
CB #44	2' X 3'	292.98	288.45 S	288.25 NW
CB #45	2' X 3'	292.95	288.12 SE	287.92 N
CB #45A	2' X 3'	292.53	287.47 S 287.91 E	287.27 N
CB #45B	2' X 3'	292.53		288.04 W
CB #46	2' X 3'	293.46		284.57 W
CB #47	2' X 3'	293.46	284.44 E 286.69 S	284.24 N
CB #48	2' X 3'	343.34		338.24 SW
CB #49	2' X 3'	342.68	337.43 NE	337.14 S

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #50	2' X 3'	332.40		325.01 W
CB #51	2' X 3'	332.40	324.54 N 324.75 E	324.34 S
CB #52	2' X 3'	322.11		314.33 W
CB #53	2' X 3'	322.12	313.36 N 314.07 E	313.16 S
CB #54	2' X 3'	310.70		304.35 W
CB #55	2' X 3'	310.70	302.50 N 303.83 E	302.30 S
CB #56	2' X 3'	305.60	296.31 N	294.38 S
CB #57	2' X 3'	298.83		286.50 W
CB #58	2' X 3'	298.50	285.65 N 284.86 E 283.58 S	283.38 W
CB #59	2' X 3'	333.68		329.24 E
CB #60	2' X 3'	333.68	328.99 W	328.79 S
CB #61	2' X 3'	321.15		316.71 E
CB #62	2' X 3'	321.15	315.34 W 315.34 N	315.13 S
CB #63	2' X 3'	306.60		302.16 E
CB #64	2' X 3'	306.60	300.83 W 300.83 N 300.83 E 302.01 NE	300.41 S
CB #65	2' X 3'	301.18		296.74 E
CB #66	2' X 3'	301.18	296.40 W 295.71 N	295.51 SE
CB #67	2' X 3'	302.31	292.92 NW	292.72 S
CB #68	2' X 3'	305.32		298.00 S
CB #69	2' X 3'	305.09	297.20 N	297.00 W
CB #70	2' X 3'	302.38	292.46 N 292.51 E	292.01 S
CB #71	2' X 3'	297.51		293.07 NW
CB #72	2' X 3'	297.07	292.06 SE	291.86 W
CB #73	2' X 3'	291.83		287.40 N
CB #74	2' X 3'	291.83	286.82 E 287.14 S 287.26 NE	286.62 W
CB #75	2' X 3'	290.67	285.96 E	285.71 W
CB #76	2' X 3'	289.22	284.74 E 284.73 NE	284.53 NW
CB #77	2' X 3'	288.87		284.43 NE
CB #78	2' X 3'	288.87	284.02 SE 284.17 SW	283.62 NW
CB #79	2' X 3'	289.74	282.61 SE	282.41 SW
CB #80	2' X 3'	289.66	282.28 NE	282.08 W
CB #81	2' X 3'	342.93	337.82 NE	337.62 W
CB #82	2' X 3'	342.93	337.49 E	337.29 NW
CB #83	2' X 3'	342.06	337.07 SE	336.87 N
CB #84	2' X 3'	342.07	336.68 S	336.48 W
CB #85	2' X 3'	339.19		334.48 N
CB #86	2' X 3'	339.18	333.93 E 334.10 S	333.90 NW
CB #87	2' X 3'	342.53		338.04 SW
CB #88	2' X 3'	336.46	331.07 SE	330.87 N
CB #89	2' X 3'	335.48		330.92 E
CB #90	2' X 3'	335.30	330.10 S 330.66 W	329.90 N
CB #91	2' X 3'	331.99	324.33 S	324.11 NE
CB #92	2' X 3'	328.81	321.39 SW	321.19 N
CB #93	2' X 3'	324.69		320.26 W
CB #94	2' X 3'	328.09	319.20 E 319.40 S	319.00 NW
CB #95	2' X 3'	330.04		325.00 W
CB #96	2' X 3'	330.04	324.74 E	324.44 NW
CB #97	2' X 3'	327.01	322.21 SE	322.00 N
CB #98	2' X 3'	326.75	321.62 S	320.90 W
CB #99	2' X 3'	324.51		320.07 N
CB #100	2' X 3'	324.51	318.74 E 318.74 S	318.54 N
CB #103	2' X 3'	334.63	315.94 W	315.74 NE

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #104	2' X 3'	330.57		318.39 N
CB #104A	2' X 3'	332.94		317.17 N
CB #105	2' X 3'	329.86	317.07 S 314.77 W	314.57 NE
CB #105A	2' X 3'	332.42	315.32 SW 316.64 S	315.12 E
CB #106	2' X 3'	326.51	314.35 SW	314.15 E
CB #107	2' X 3'	326.24	315.84 SE 314.02 W	313.82 N
CB #108	2' X 3'	319.09		311.48 E
CB #109	2' X 3'	319.09	310.20 S 310.20 W	309.90 N
CB #110	2' X 3'	317.90		308.98 E
CB #111	2' X 3'	317.89	306.70 S 307.70 W	306.50 NW
CB #112	2' X 3'	318.82	304.43 SE 306.56 W	304.23 NW
CB #112A	2' X 3'	318.83		307.54 E
CB #113	2' X 3'	318.05		305.00 E
CB #114	2' X 3'	318.06	301.35 SE 303.65 W	301.15 E
CB #115	2' X 3'	302.62		298.18 NW
CB #116	2' X 3'	302.52	297.76 SE	297.56 NE
CB #117	2' X 3'	297.63	293.05 SW	292.66 N
CB #118	2' X 3'	294.67	289.77 S	289.57 N
CB #119	2' X 3'	294.33		289.89 W
CB #120	2' X 3'	294.33	289.36 S 289.65 E	289.16 N
CB #121	2' X 3'	298.05		294.42 W
CB #122	2' X 3'	298.02	294.16 E	293.88 S
CB #123	2' X 3'	294.66	287.88 S 287.88 N	287.68 W
CB #124	2' X 3'	314.95		310.51 E
CB #124A	2' X 3'	312.21		306.55 E
CB #125	2' X 3'	314.94	310.09 W	308.49 N
CB #125A	2' X 3'	311.33	302.70 S 305.00 W	302.50 N
CB #126	2' X 3'	309.28	293.40 S	290.91 N
CB #127	2' X 3'	295.49		291.05 E
CB #128	2' X 3'	295.49	290.80 W	290.60 N
CB #129	2' X 3'	292.10	287.39 S	286.85 N
CB #130	2' X 3'	284.80		280.43 E
CB #131	2' X 3'	284.80	279.62 S 280.17 W	279.13 N
CB #132	2' X 3'	272.24		268.26 E
CB #133	2' X 3'	272.24	268.00 S 268.00 W	267.80 N
CB #134	2' X 3'	270.77	266.50 S	266.30 NW
CB #135	2' X 3'	270.41	265.05 SE 265.05 W 265.05 S	264.45 NW
CB #136	2' X 3'	285.73		281.29 W
CB #137	2' X 3'	284.86	279.49 E	279.29 NW
CB #138	2' X 3'	276.23		271.79 W
CB #139	2' X 3'	275.92	270.35 SE 271.48 E	270.15 N
CB #140	2' X 3'	274.02		269.58 W
CB #141	2' X 3'	274.02	268.75 S 269.33 E	268.55 N
CB #142	2' X 3'	273.22	267.82 S	267.62 N
CB #143	2' X 3'	272.40		267.95 W
CB #144	2' X 3'	272.39	267.14 S 267.69 E	266.94 N
CB #145	2' X 3'	271.22	265.96 S	265.76 NE
CB #146	2' X 3'	270.41		265.70 N
CB #147	2' X 3'	270.80	265.55 SW	265.35 E
CB#92A	2' X 3'	326.99		322.16 N
CB#94A	2' X 3'	326.84	319.79 E 320.28 S	319.59 W

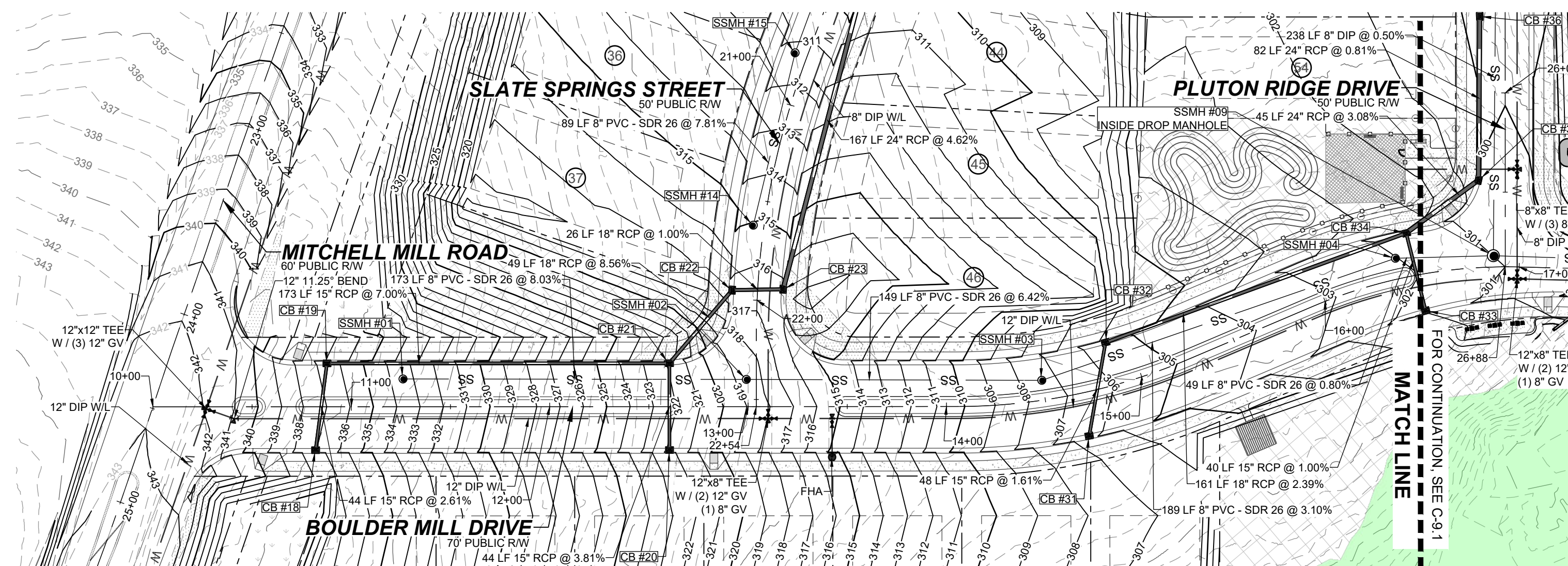
YARD INLET TABLE				
YI NO	SIZE	TOP	INV. IN	INV. OUT
YI #601	2' X 3'	327.51	317.68 S	317.48 N
YI #601	2' X 3'	308.41		303.42 SW
YI #602	2' X 3'	334.01	316.48 S	316.28 E
YI #603	2' X 3'	305.72		301.08 W
YI #603	2' X 3'	300.50	294.12 S	293.92 N
YI #605	2' X 3'	290.41		285.88 W
YI#604	2' X 3'	290.15		285.58 SW
YI#606	2' X 3'	292.98		288.41 SW

DROP INLET TABLE				
DI NO	SIZE	TOP	INV. IN	INV. OUT
DI #201	2' X 3'	299.48		294.73 N
DI #202	2' X 3'	289.00		284.44 N

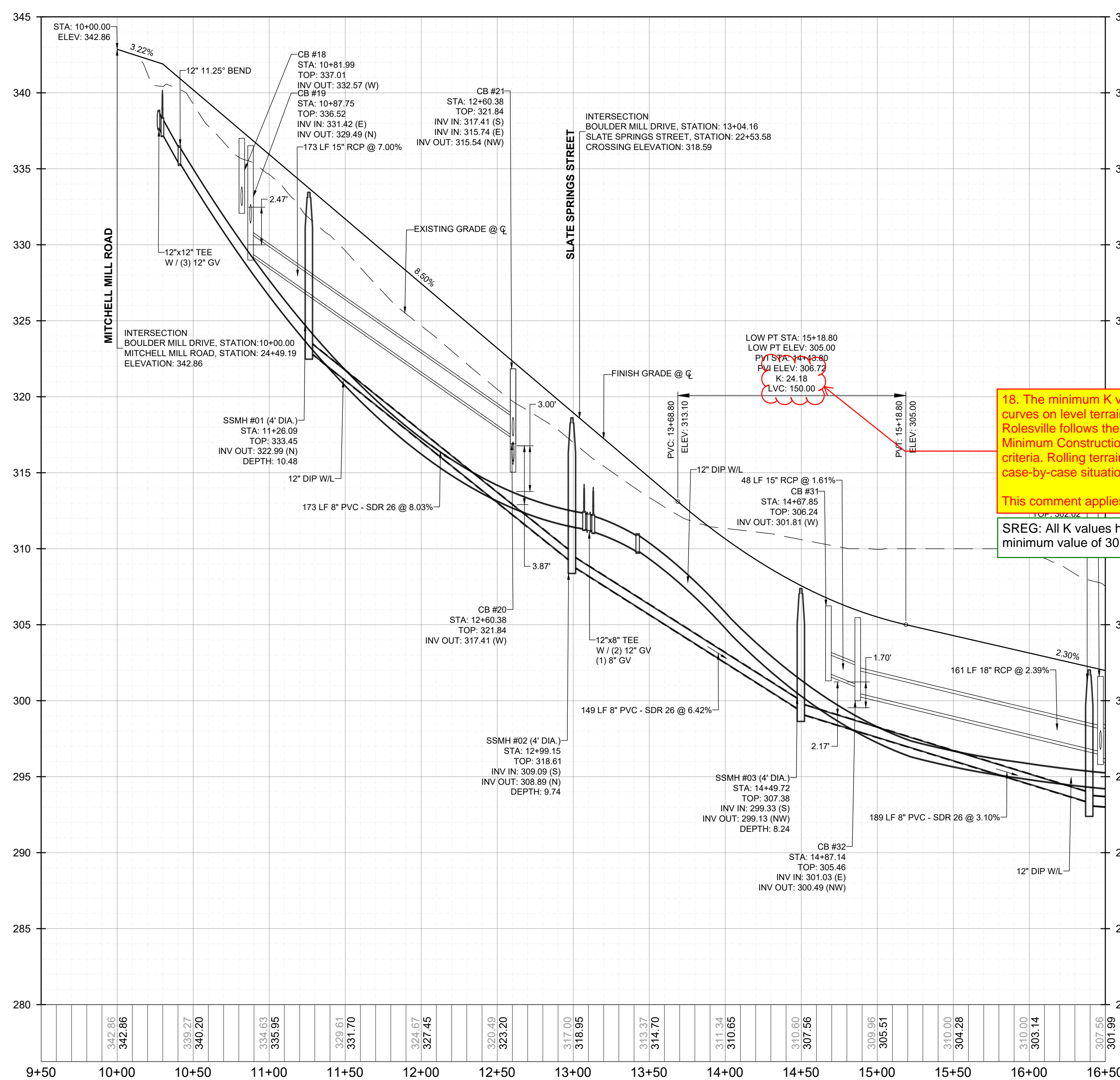
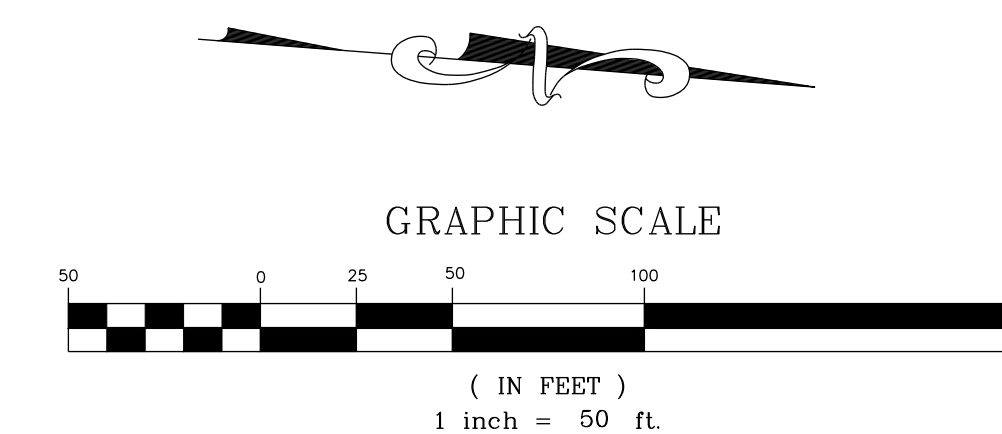
SDMH TABLE				
SDMH NO	SIZE	TOP	INV. IN	INV. OUT
SDMH #501	4'	286.04	278.55 SE	278.35 NE
SDMH #502	4'	293.46	287.52 SE 287.52 SW	287.32 NW
SDMH #503	4'	283.84	279.48 E 279.48 N	279.28 S
SDMH #504	4'	275.65	271.36 NE	271.16 S
SDMH #505	4'	301.33	293.78 S	293.58 N
SDMH #505A	4'	289.57	280.74 E	280.54 SW
SDMH #507	4'	293.33	287.51 E	287.31 N
SDMH #508	4'	280.78	276.06 S	275.86 NE
SDMH #509	4'	267.23	261.38 SE	261.18 N

FES TABLE				
FES NO	SIZE	TOP	INV. IN	INV. OUT
FES #301	30"	280.87		278.00 SW
FES #302	18"	270.79		269.00 SE
FES #303	36"	290.42		287.00 SE
FES #304	18"	281.83		280.04 SE
FES #305	36"	282.42		279.00 N
FES #306	18"	272.20		270.40 E
FES #307	30"	273.87		271.00 N
FES #308	15"	267.52		266.00 NE
FES #309	36"	304.42		301.00 W
FES #310	18"	293.94		292.15 SW
FES #311	24"	286.33		284.00 S
FES #312	18"	280.90		279.11 SE
FES #313	18"	276.79		275.00 SW
FES #314	18"	269.98		268.19 SE
FES #315	30"	263.88		261.00 S
FES #316	15"	252.79		251.27 S

OCS TABLE				
OCS NO	SIZE	TOP	INV. IN	INV. OUT
OCS #401	2' X 3'	278.00		274.00 NW
OCS #402	2' X 3'	287.00		283.00 NW
OCS #403	2' X 3'	279.00		275.00 W
OCS #404	2' X 3'	271.00		267.00 SW
OCS #405	2' X 3'	300.00		297.00 NE



PROPOSED BOULDER MILL DRIVE - PLAN
HORIZONTAL: 1" = 50'



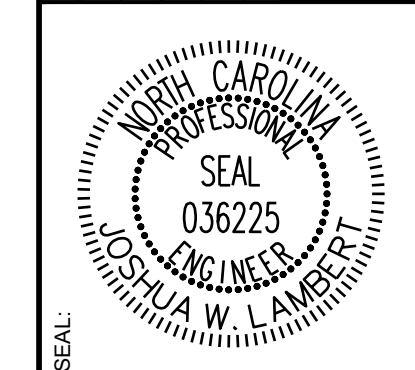
PROPOSED BOULDER MILL DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

18. The minimum K value is 30 for crest and sag curves on level terrain for local roads; The Town of Rolesville follows the NCDOT Subdivision Roads Minimum Construction Standards minimum design criteria. Rolling terrain will be accepted in case-by-case situations.

This comment applies to all profiles and curves.

SREG: All K values have been adjusted to meet the minimum value of 30.00, see Sheets C10.0 - C10.13

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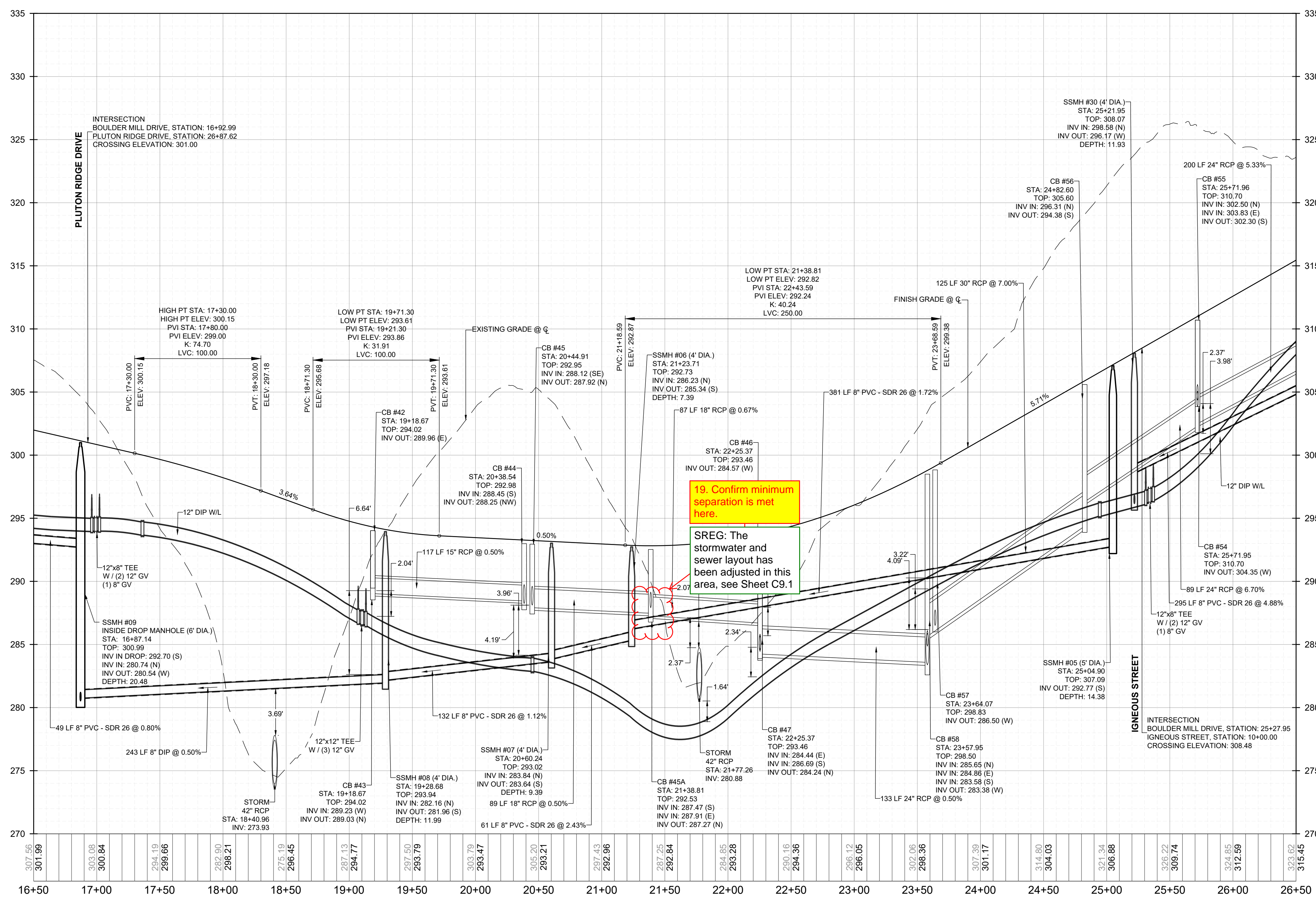
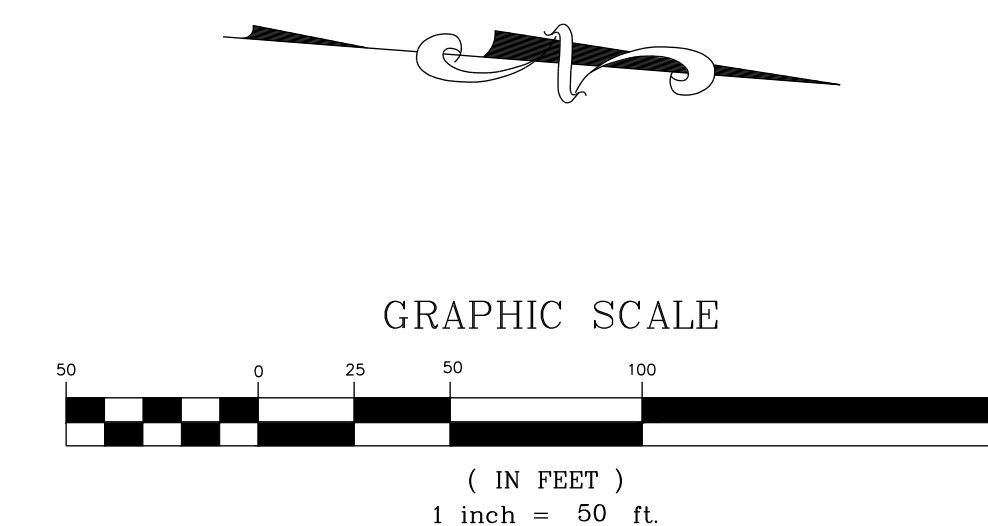
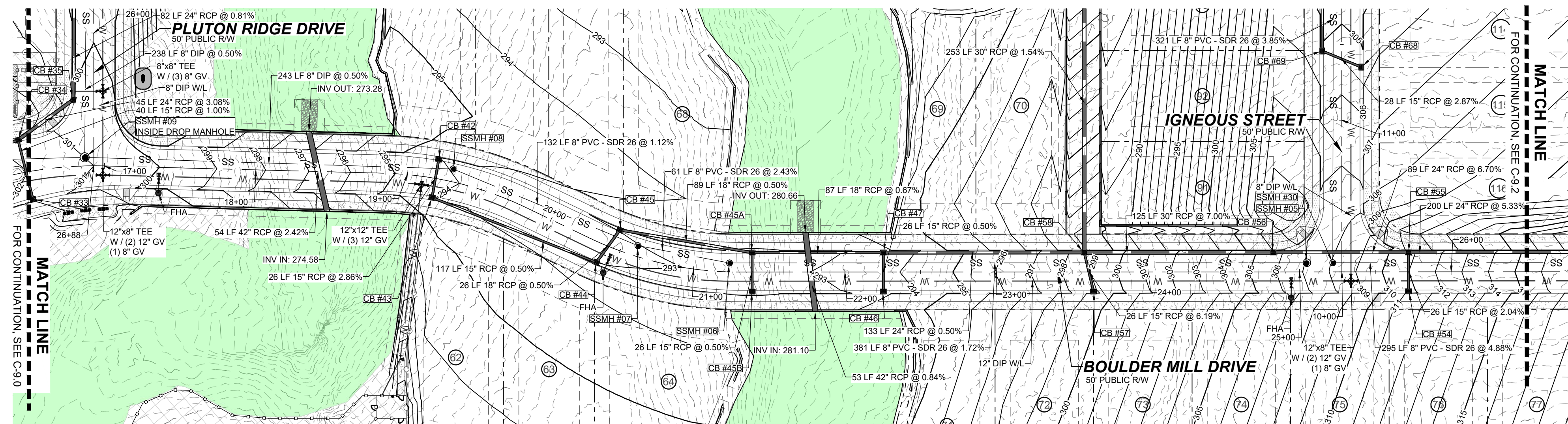
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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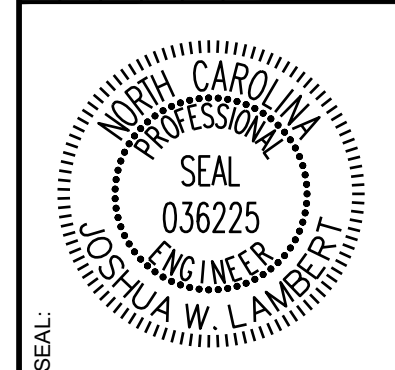
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING SHEET
C-9.0

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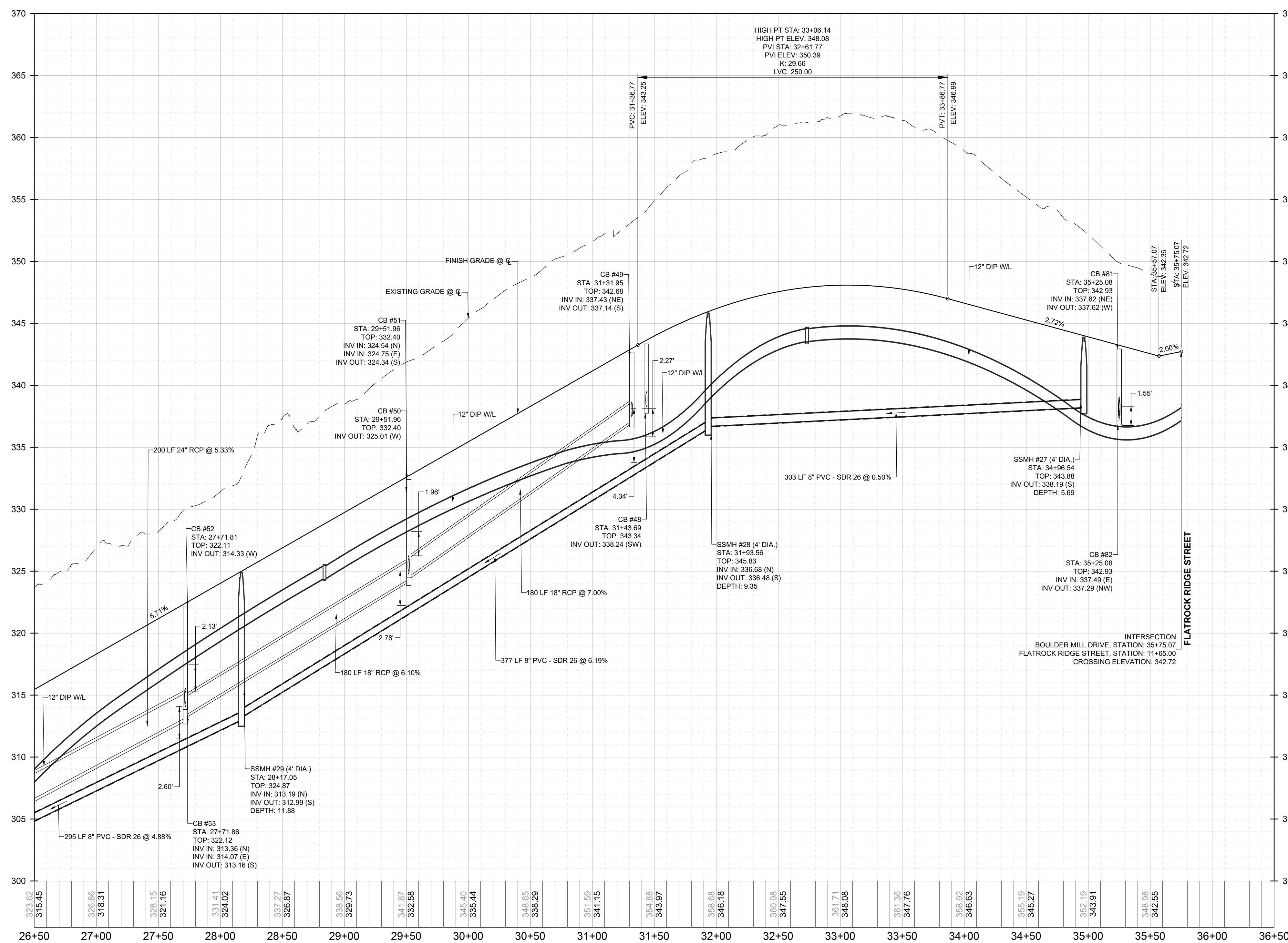
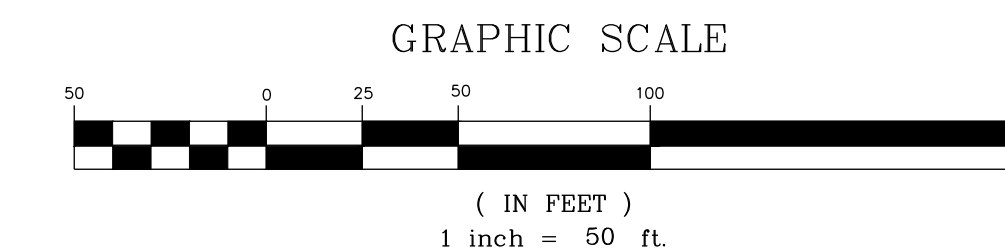
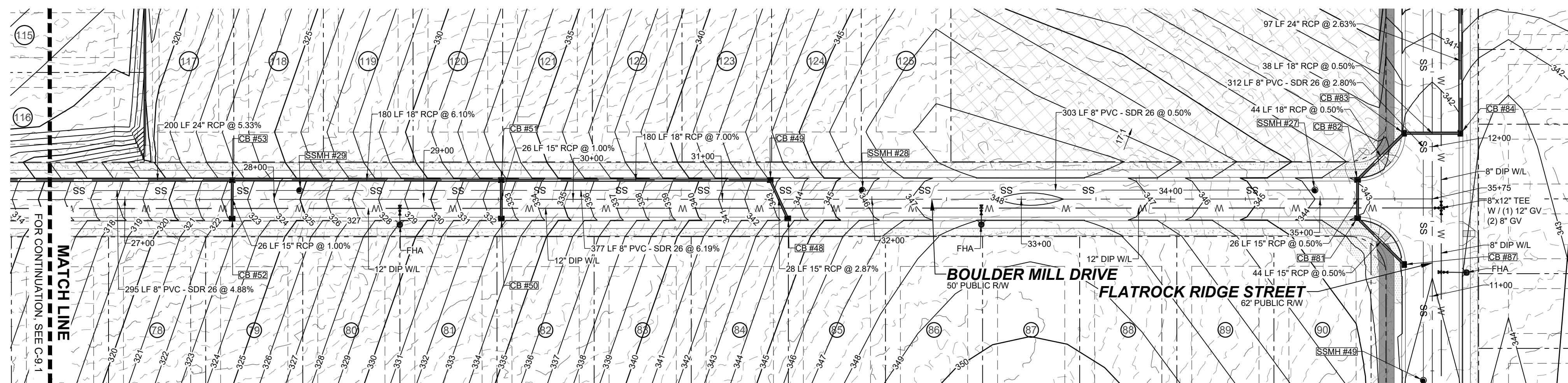
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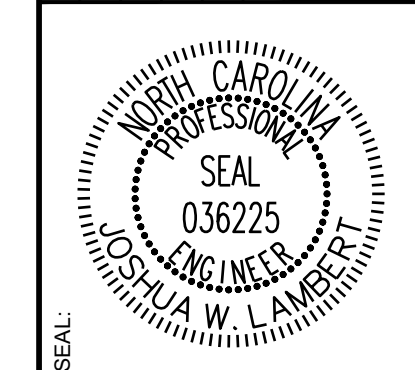
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PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING SHEET
C-9.1

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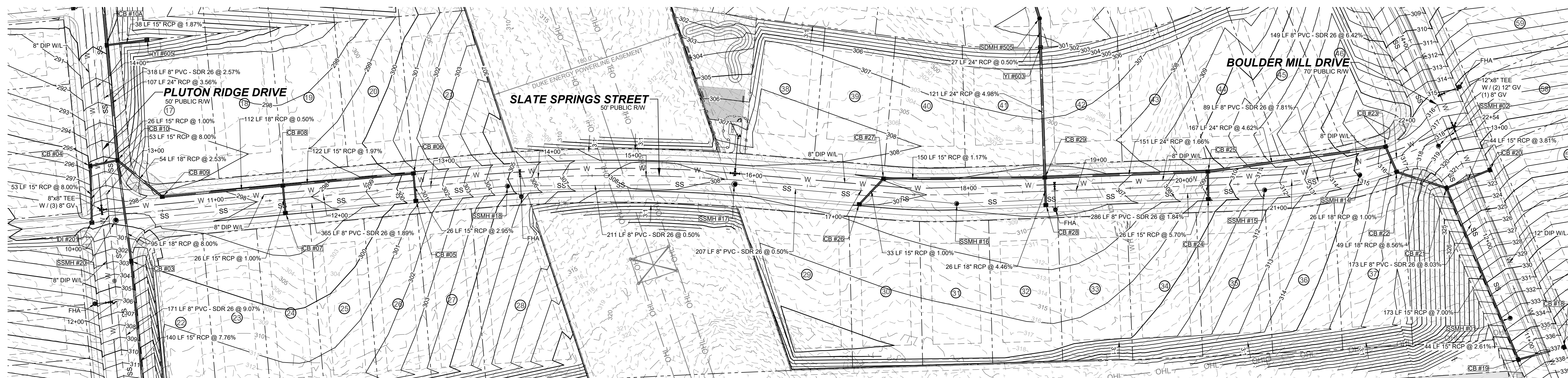
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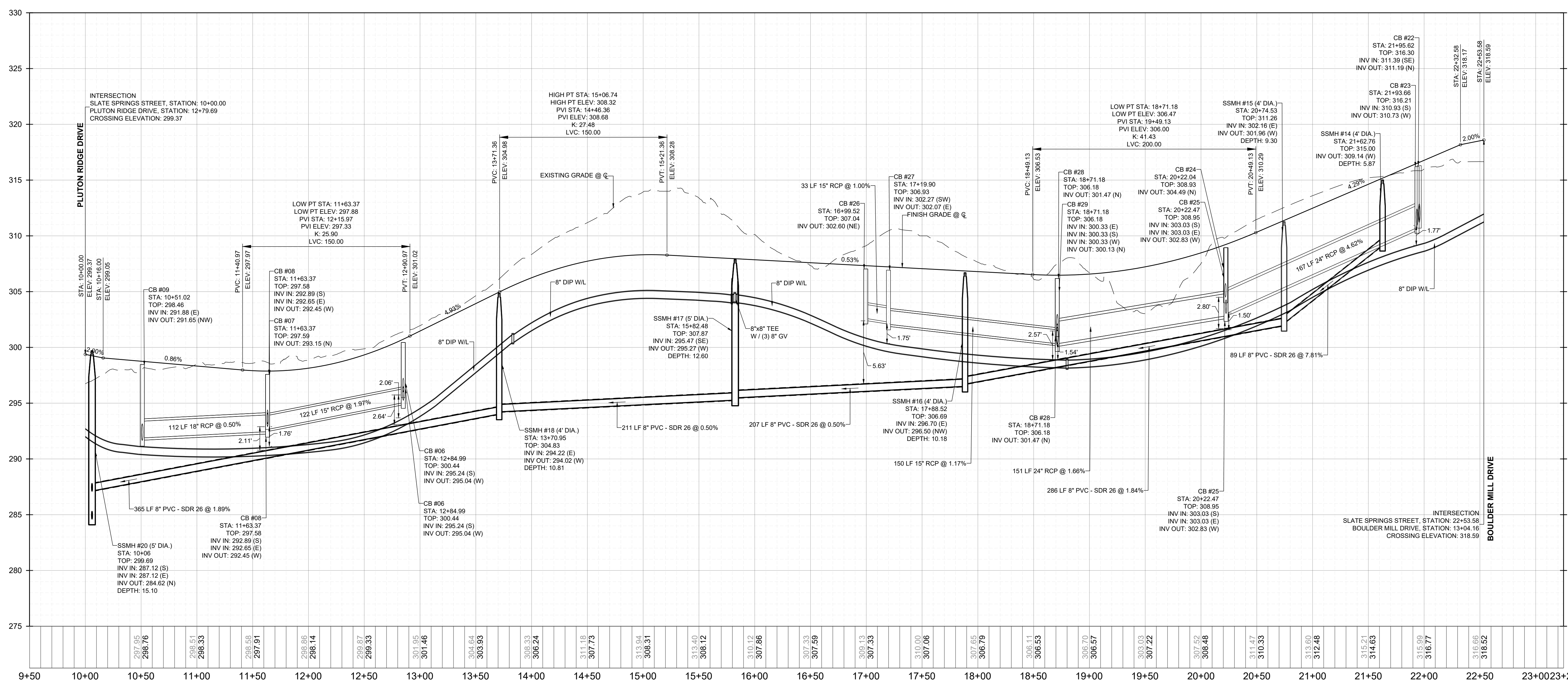
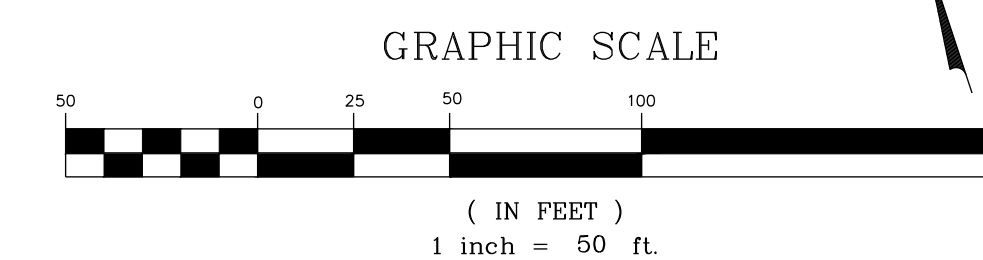
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED BOULDER MILL DRIVE - PLAN & PROFILE

DRAWING SHEET
C-9.2

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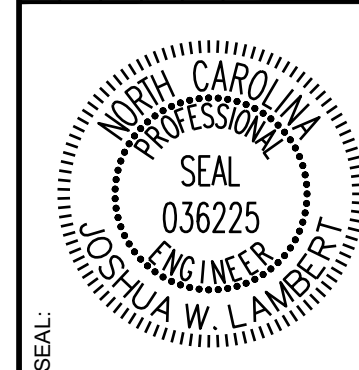


PROPOSED SLATE SPRINGS STREET - PLAN
HORIZONTAL: 1" = 50'



PROPOSED SLATE SPRINGS STREET - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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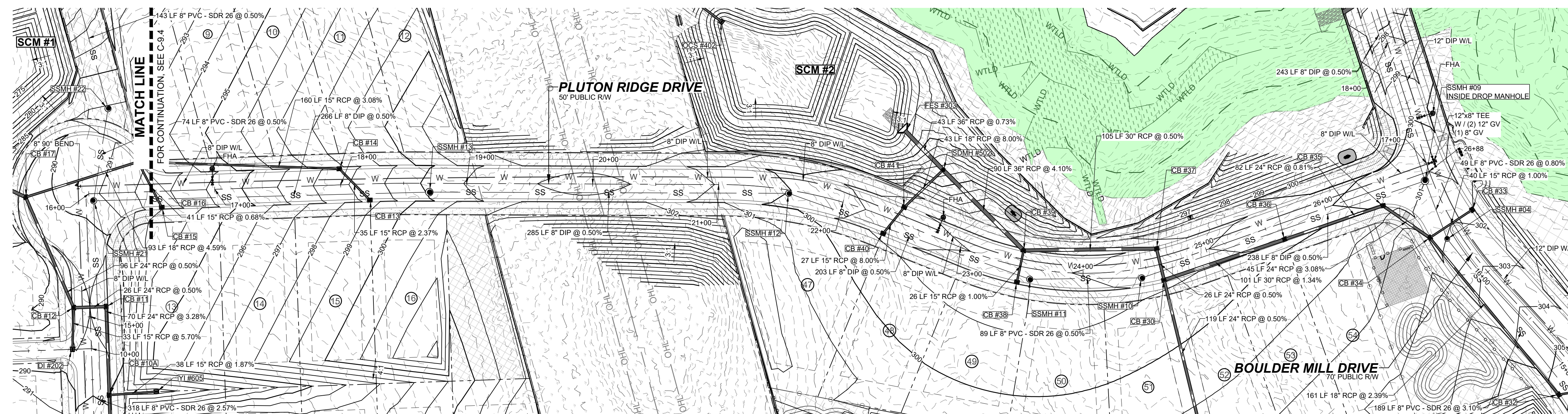
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED SLATE SPRINGS STREET
- PLAN & PROFILE

DRAWING SHEET

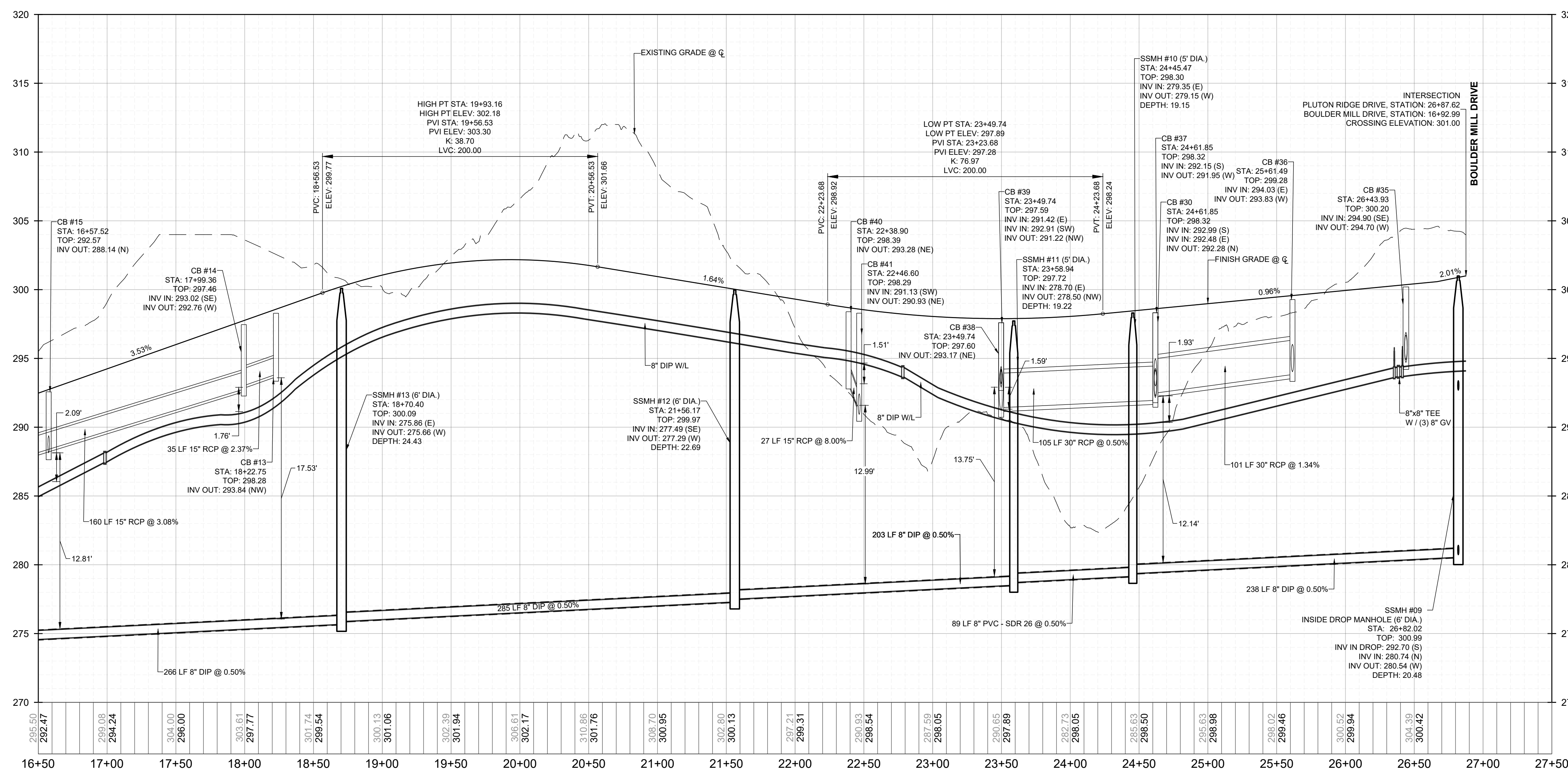
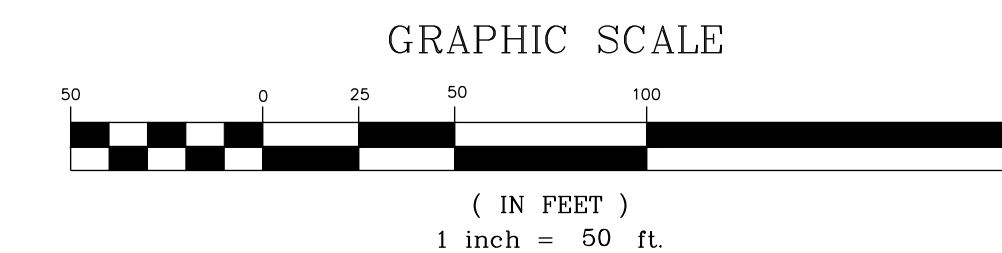
C-9.3

49 OF 88

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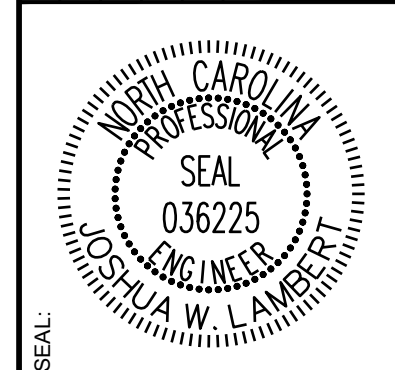


PROPOSED PLUTON RIDGE DRIVE - PLAN
HORIZONTAL: 1" = 50'



PROPOSED PLUTON RIDGE DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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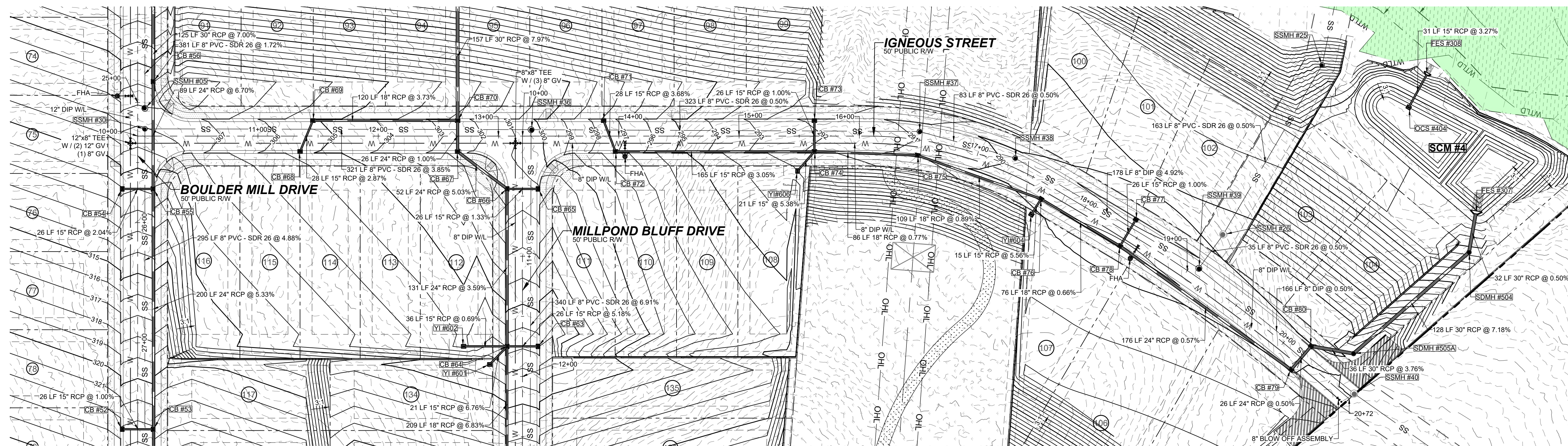
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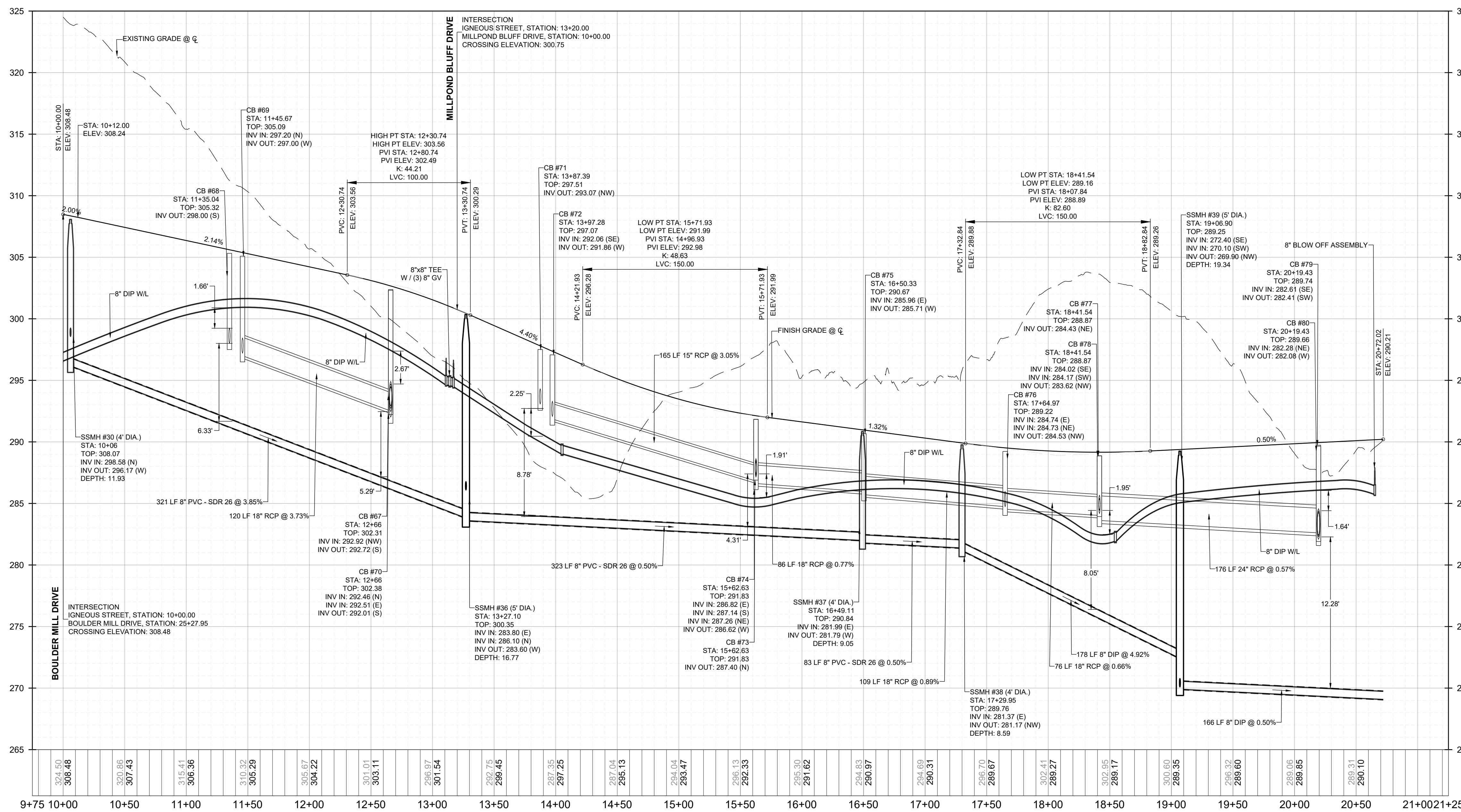
HILLS AT HARRIS CREEK
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CONSTRUCTION PLANS
PROPOSED PLUTON RIDGE DRIVE - PLAN & PROFILE

DRAWING SHEET
C-9.5

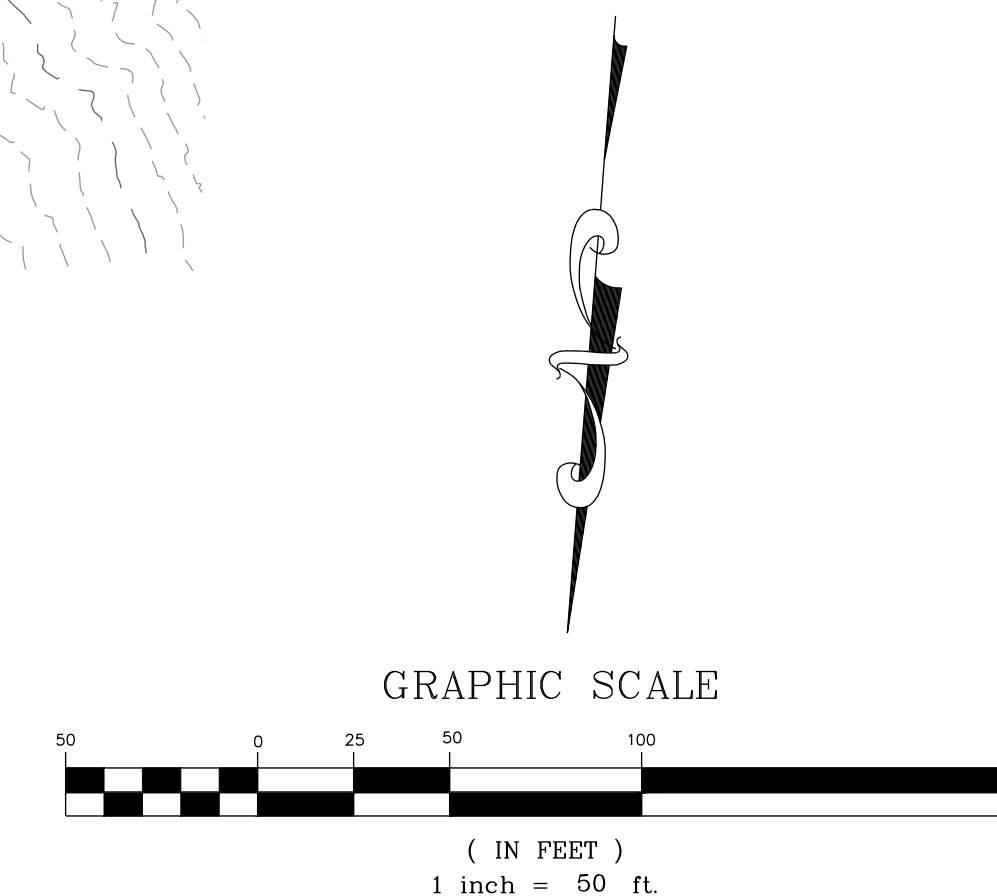
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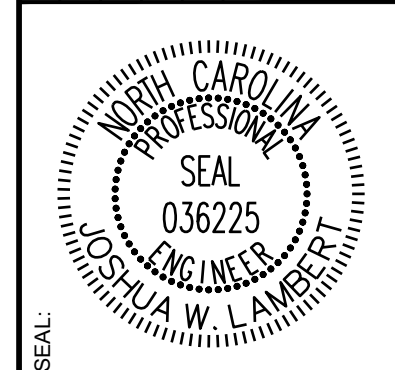
PROPOSED IGNEOUS STREET - PLAN
HORIZONTAL: 1" = 50'



PROPOSED IGNEOUS STREET - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'



NO.	REVISIONS	DATE	BY



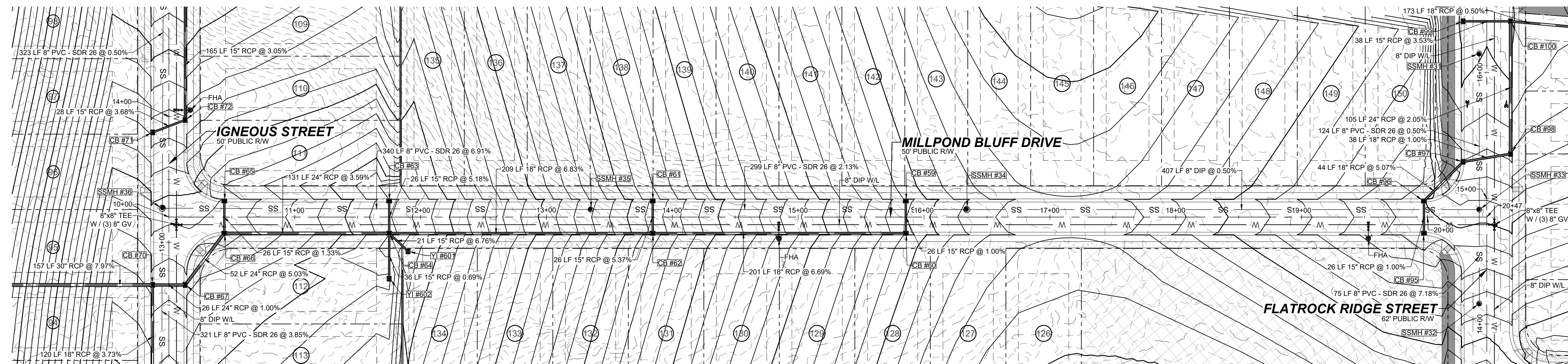
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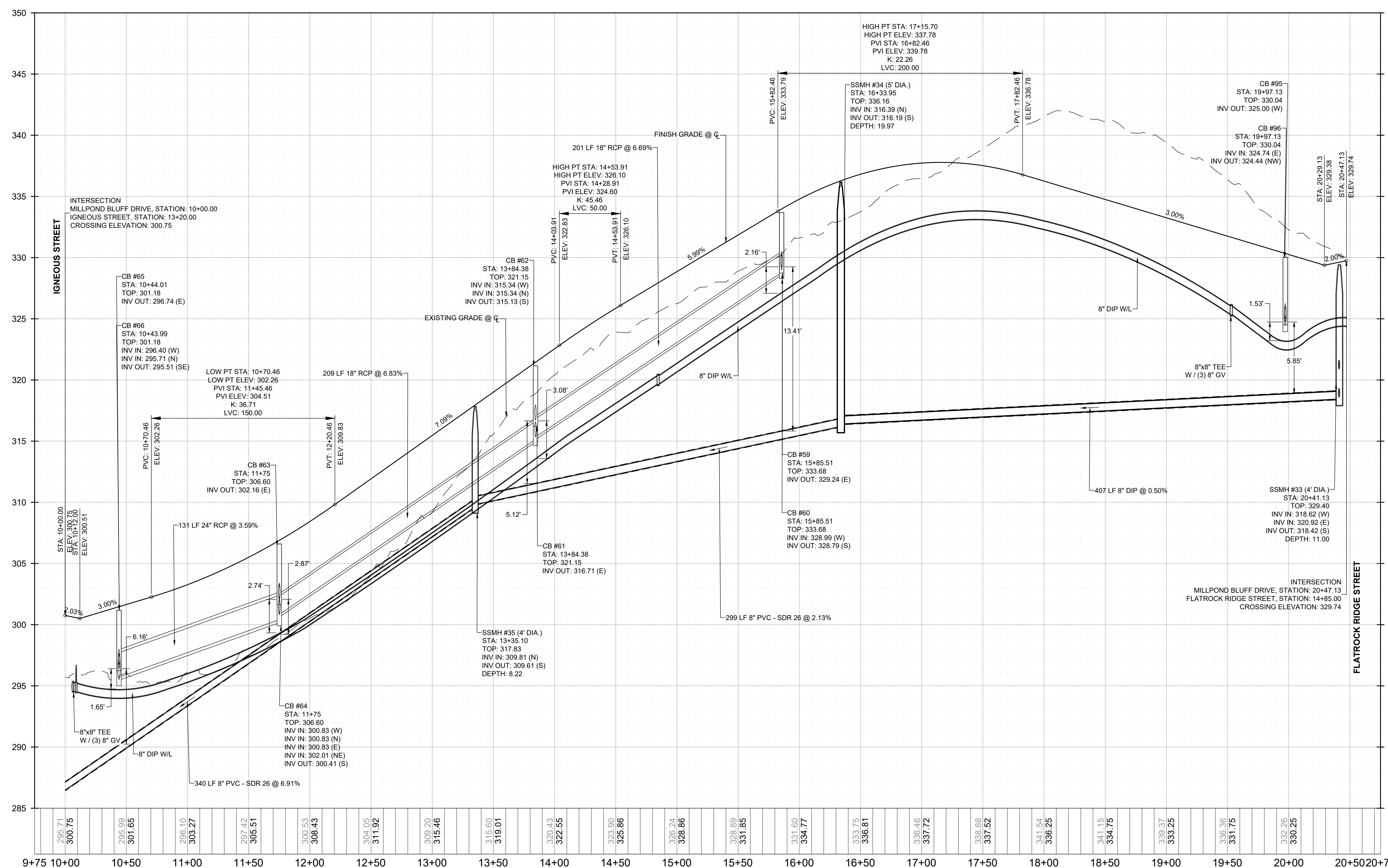
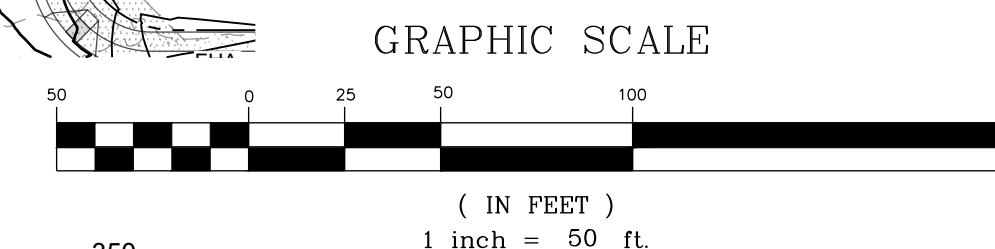
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED IGNEOUS STREET PLAN & PROFILE

DRAWING SHEET
C-9.6

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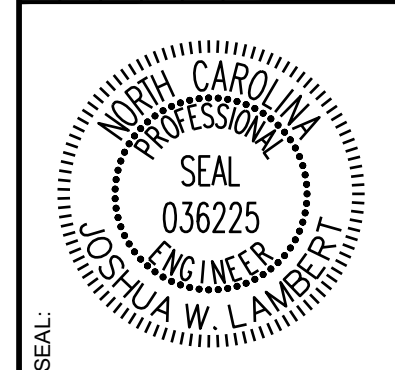


PROPOSED MILLPOND BLUFF DRIVE - PLAN
HORIZONTAL: 1" = 50'



PROPOSED MILLPOND BLUFF DRIVE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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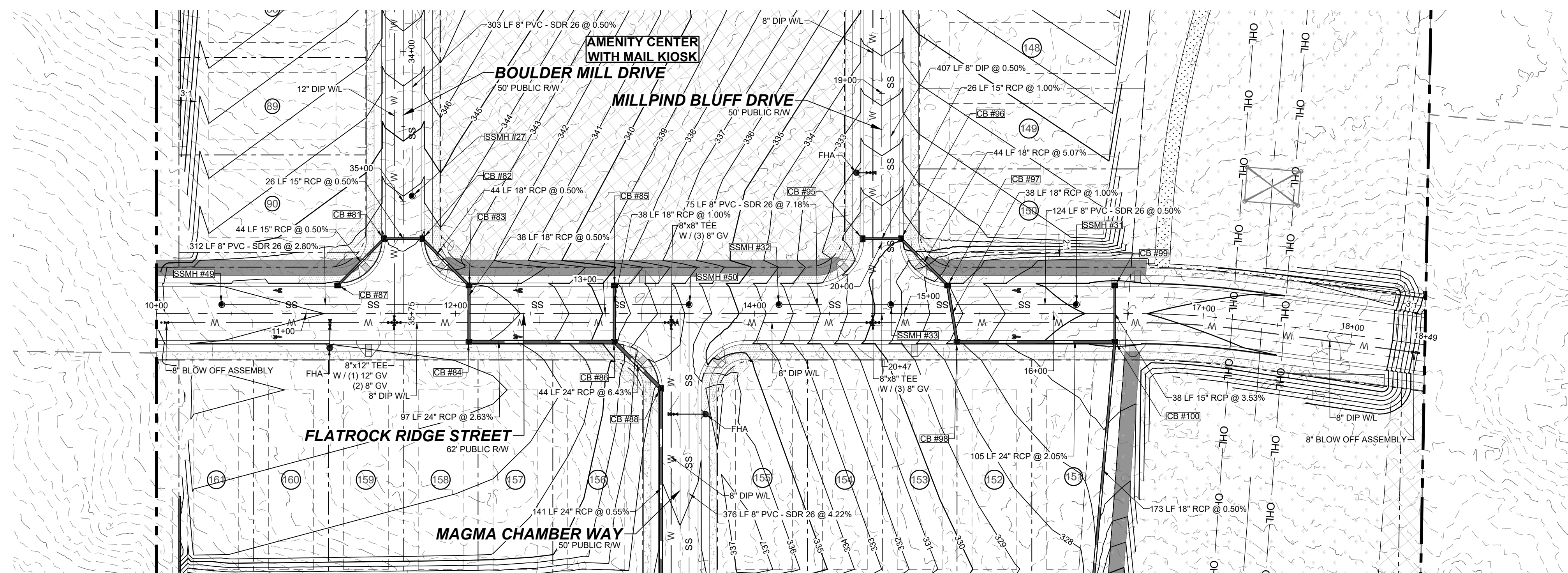
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			DRAWN BY	CHECKED BY

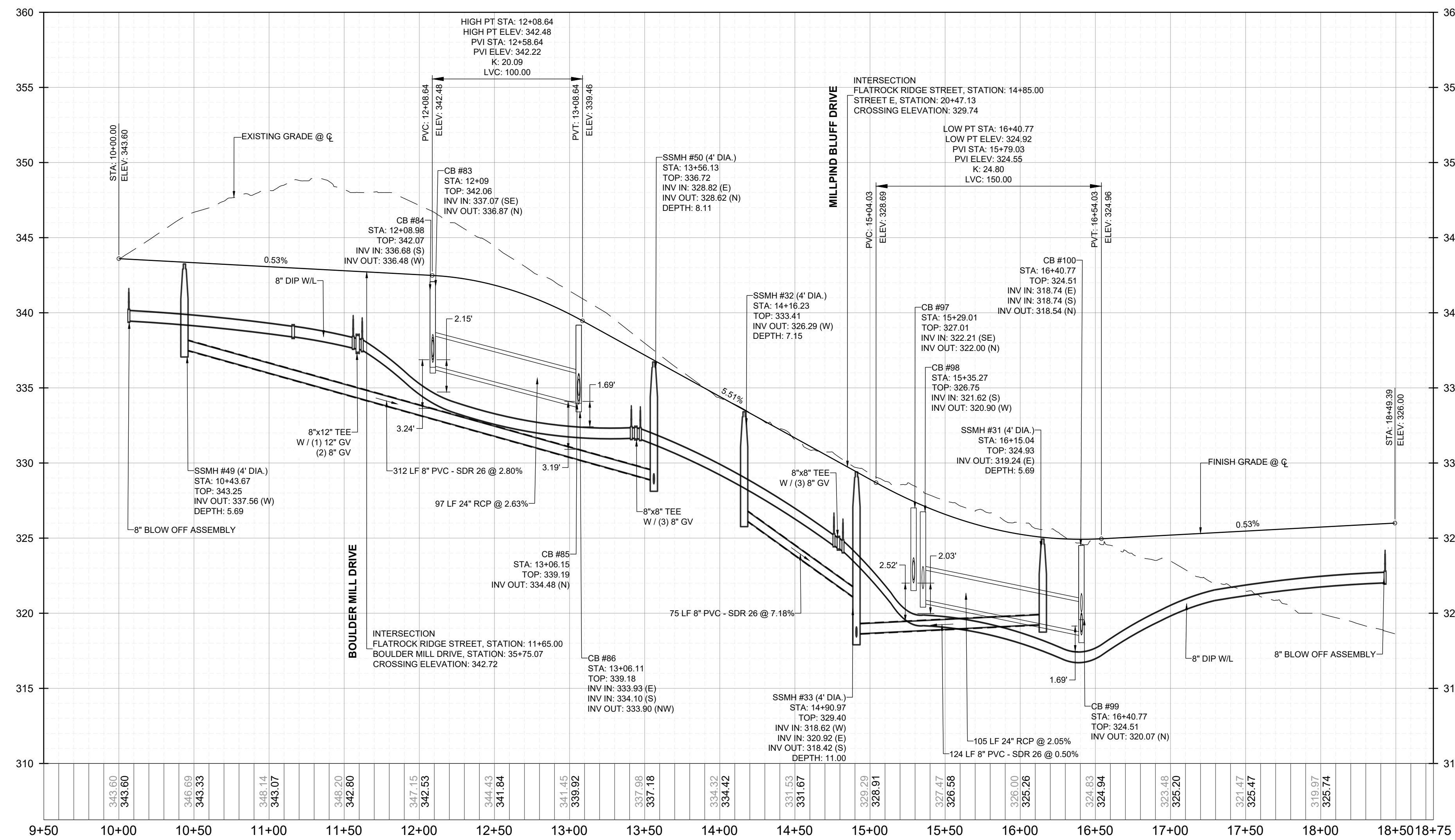
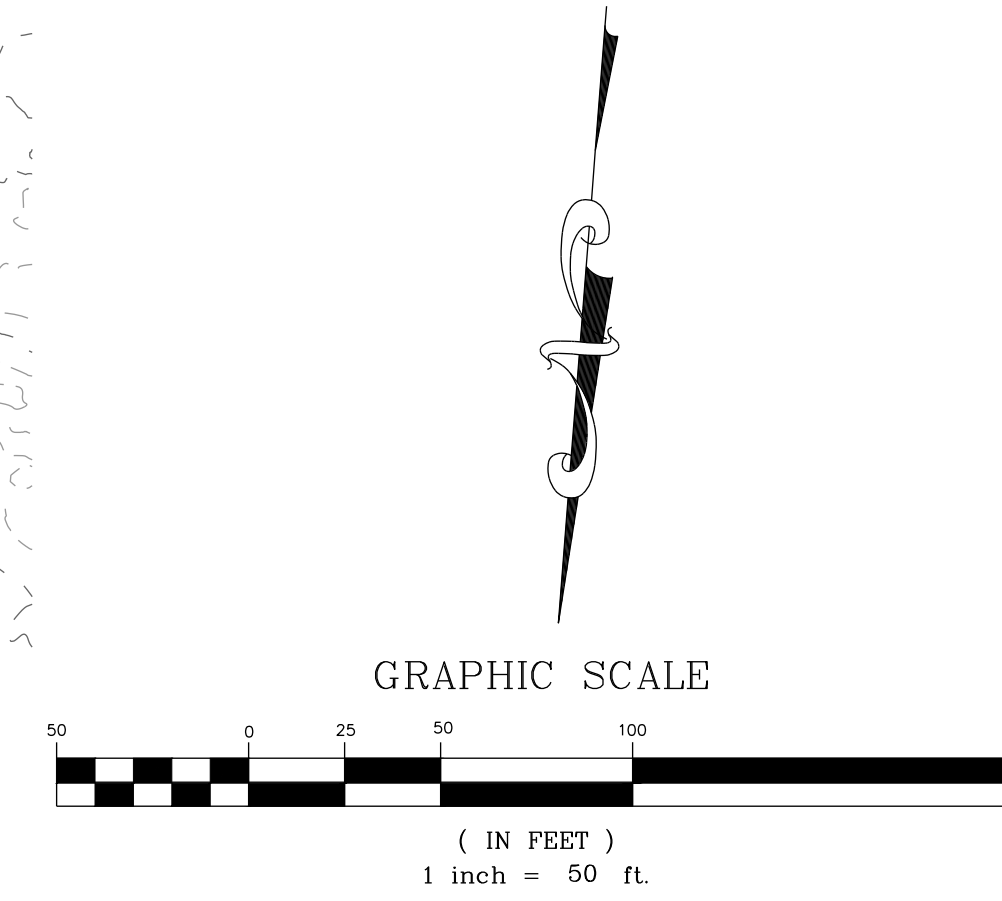
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED MILLPOND BLUFF DRIVE - PLAN & PROFILE

DRAWING SHEET
C-9.7

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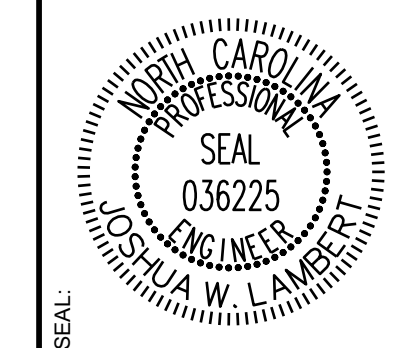


PROPOSED FLATROCK RIDGE STREET - PLAN
HORIZONTAL: 1" = 50'



PROPOSED FLATROCK RIDGE STREET - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

NO.	REVISIONS	DATE	BY



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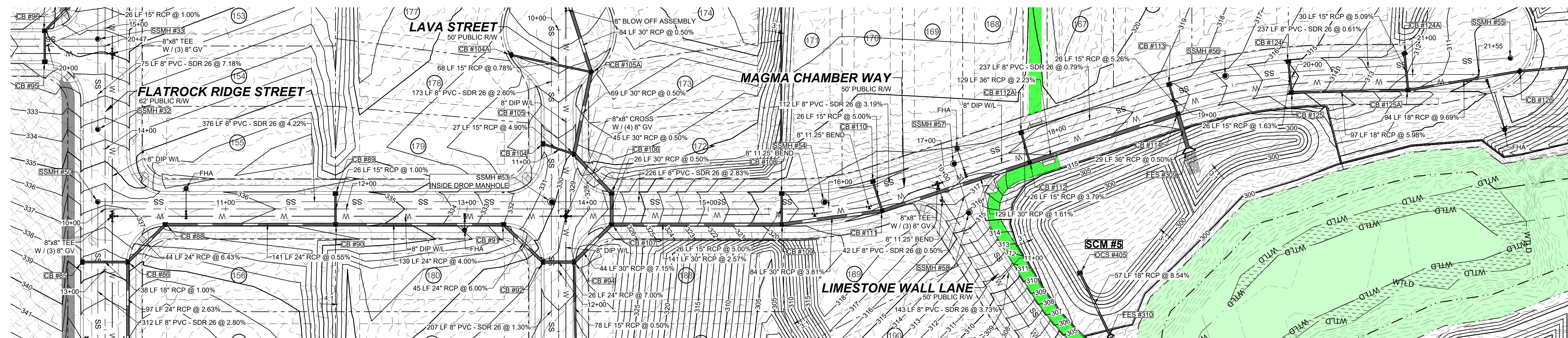
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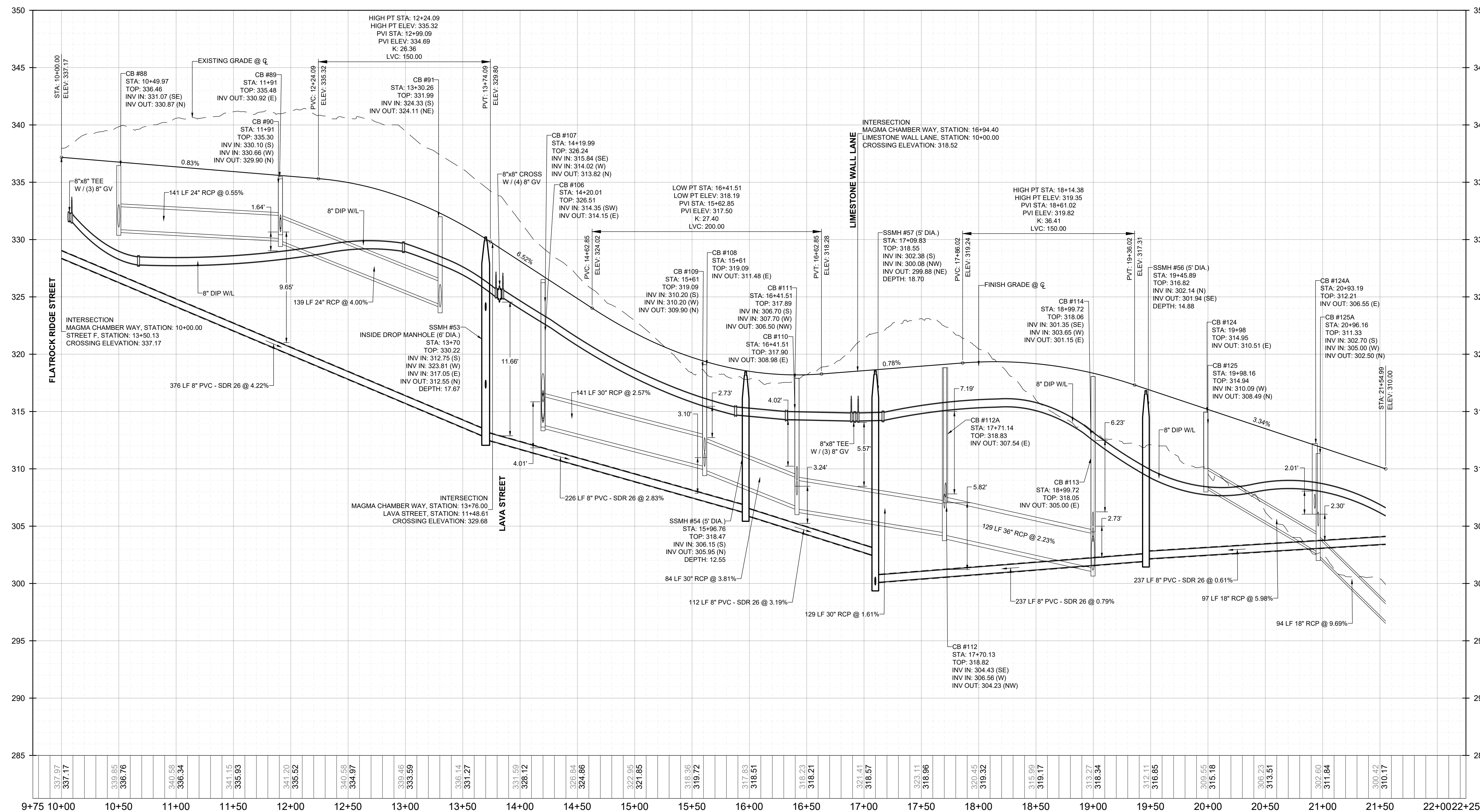
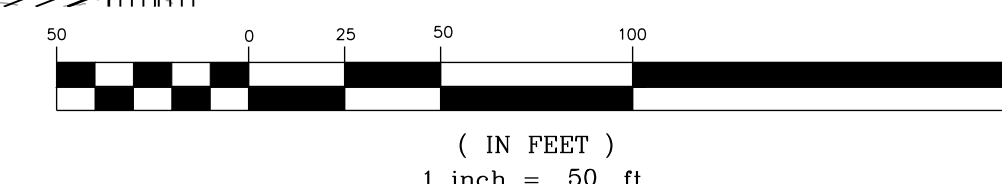
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED FLATROCK RIDGE STREET PLAN & PROFILE

DRAWING SHEET
C-9.8

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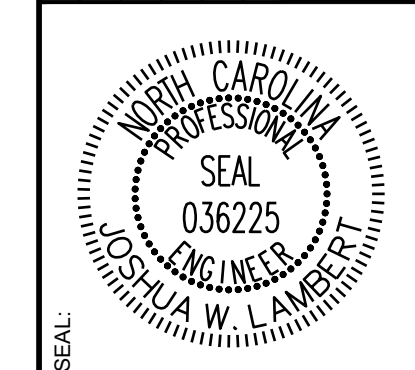
PROPOSED MAGMA CHAMBER WAY - PLAN
HORIZONTAL: 1" = 50'



PROPOSED MAGMA CHAMBER WAY - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

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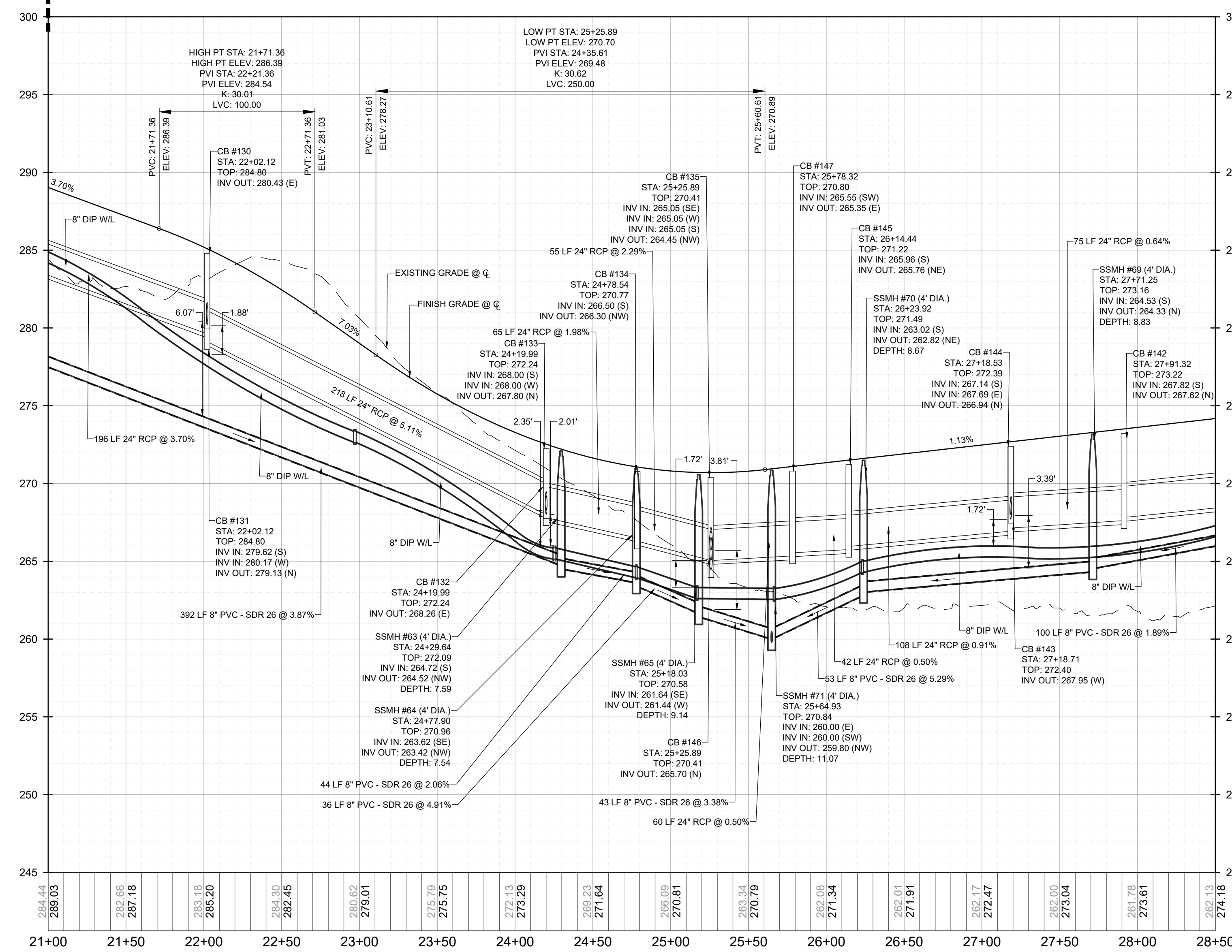
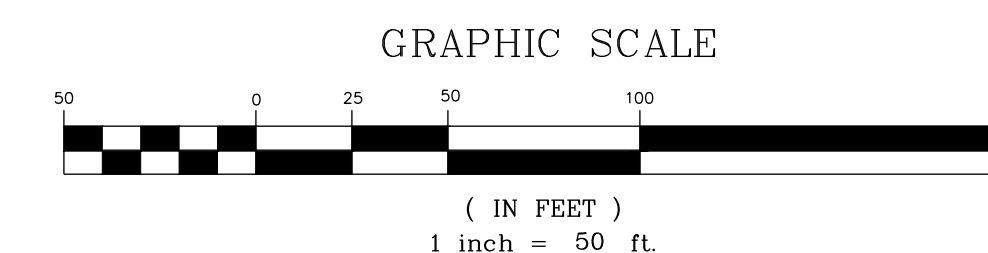
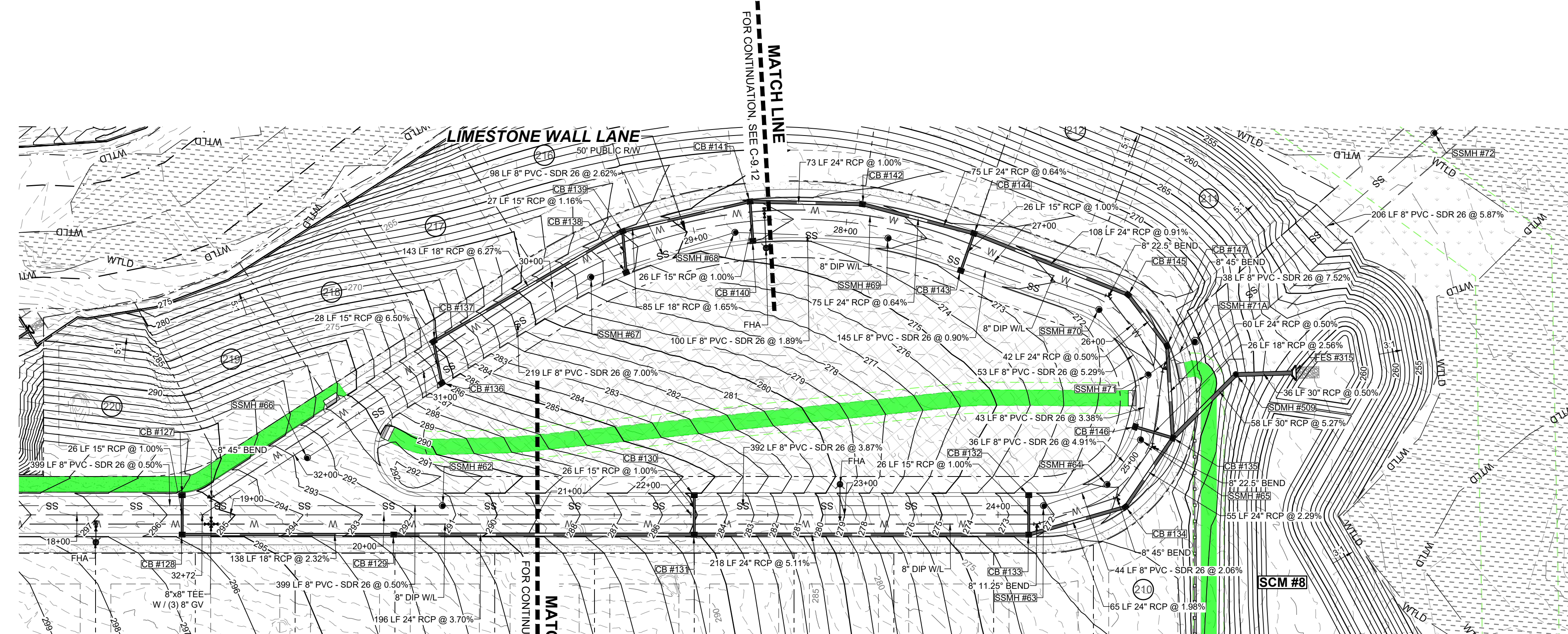
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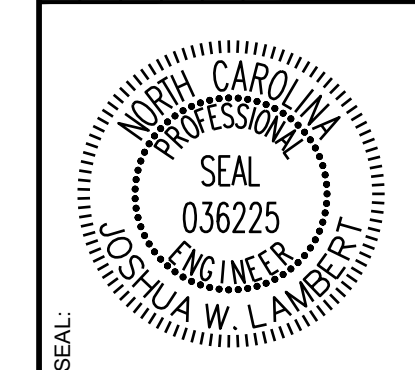
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED MAGMA CHAMBER WAY - PLAN & PROFILE

DRAWING SHEET
C-9.9



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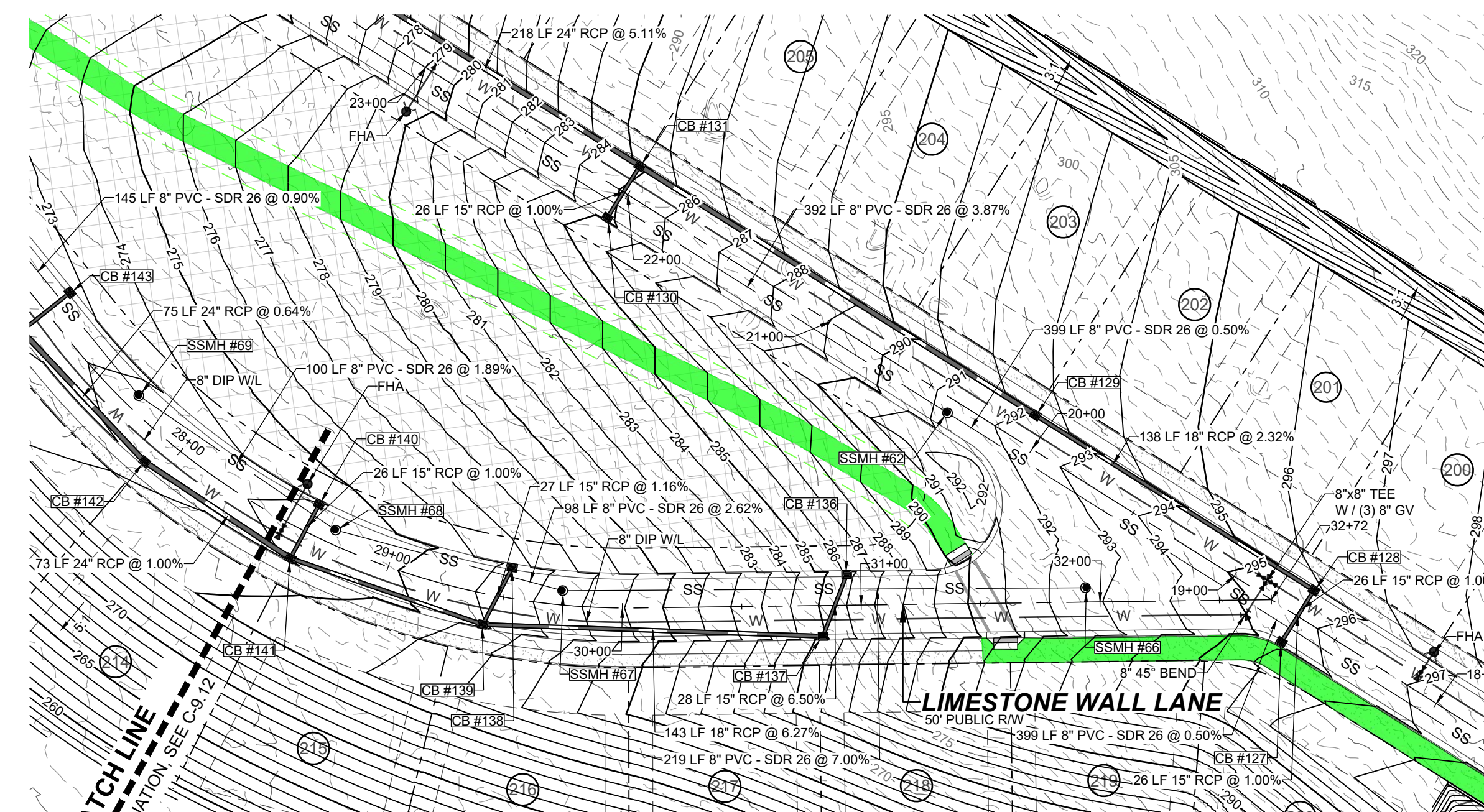
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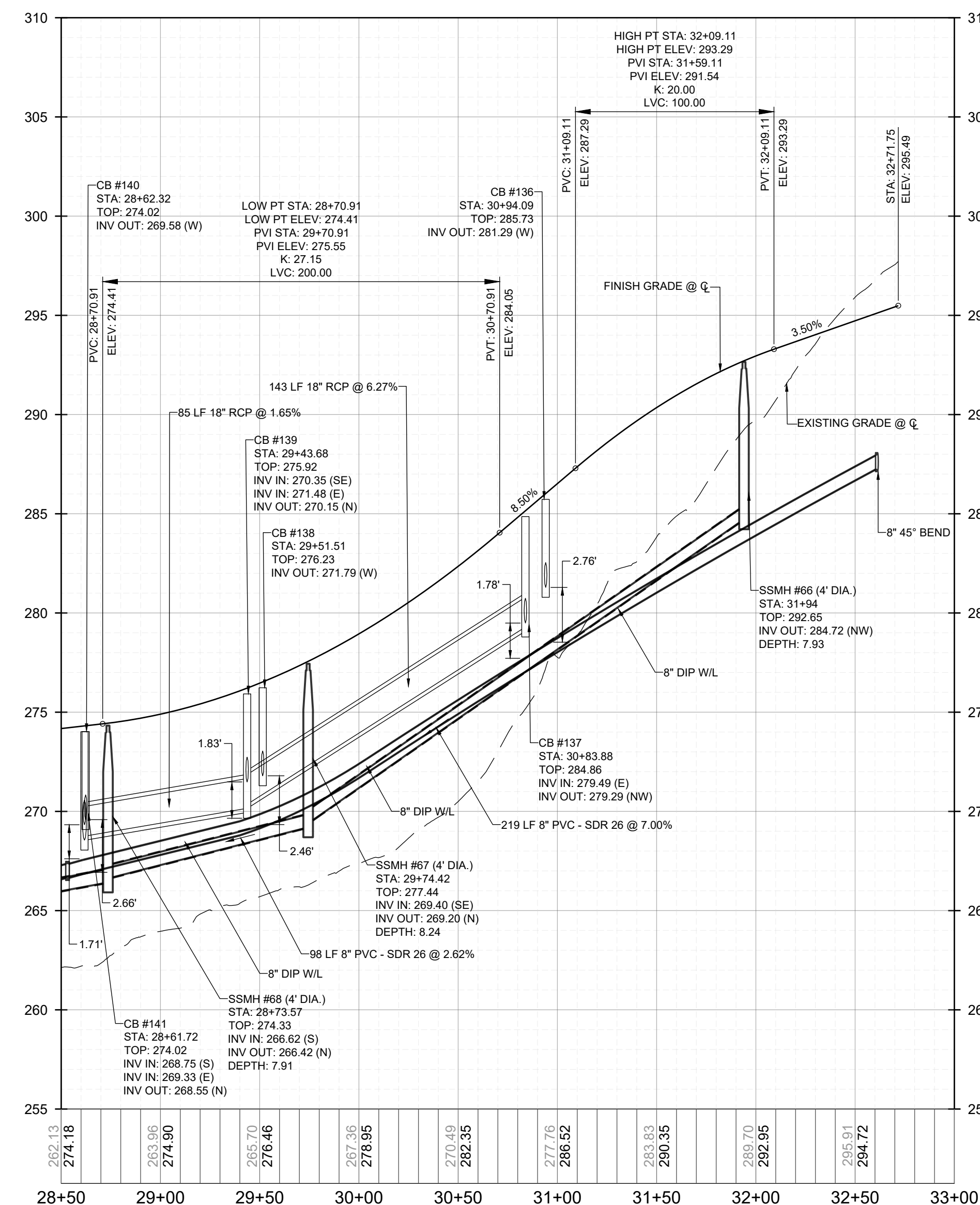
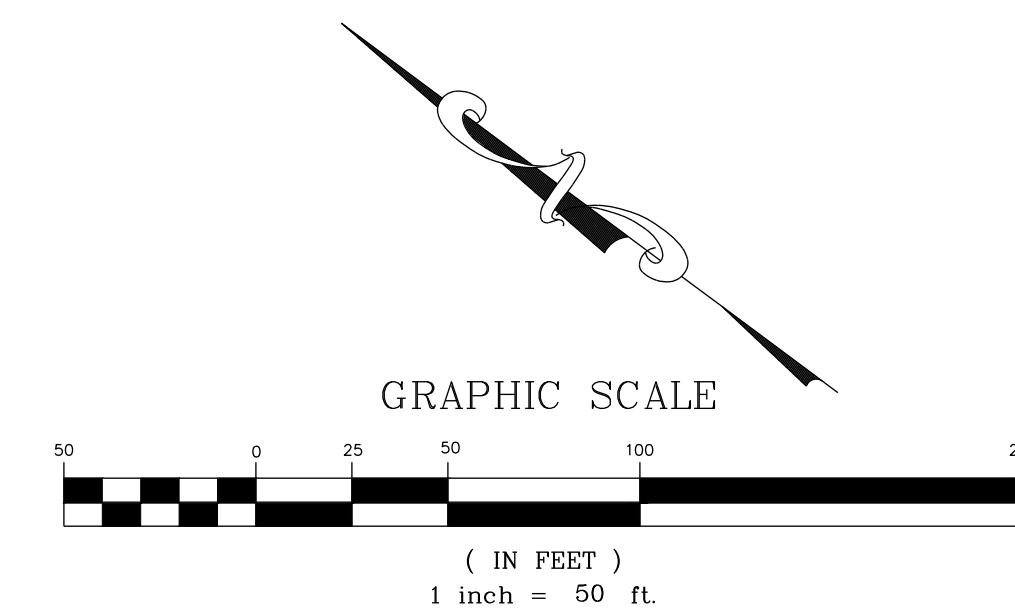
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE

DRAWING SHEET
C-9.12

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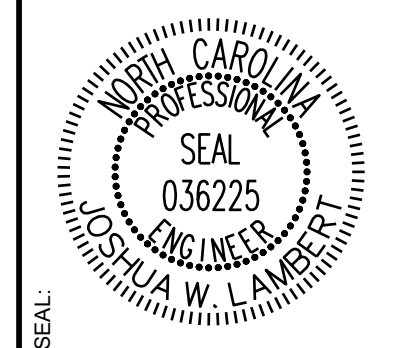


PROPOSED LIMESTONE WALL LANE - PLAN
HORIZONTAL: 1" = 50'



PROPOSED LIMESTONE WALL LANE - PROFILE
VERTICAL: 1" = 5'
HORIZONTAL: 1" = 50'

NO.	REVISIONS	DATE	BY



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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PROPOSED LIMESTONE WALL LANE - PLAN & PROFILE

DRAWING SHEET
C-9.13

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