HILLS AT HARRIS CREEK

PRELIMINARY SUBDIVISION PLAT V4-PSP-24-03

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 (115.46 AC)
25' ROW DEDICATION ACREAGE: 43,196 SF (0.99 AC)
NET ACREAGE: 4,986,317 SF (114.47 AC)

MINIMUM BUILDING SETBACKS:
LOT 50' & LOT 60':
FRONT YARD: 20'
SIDE YARD: 5'
REAR YARD: 20'
CORNER YARD: 8'
LOT 70':
FRONT YARD: 20'
SIDE YARD: 8'
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: 225 LOTS
MINIMUM LOT FRONTAGE: 51'
MINIMUM REQUIRED LOT SIZE: 6,120 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: 2,556,235 SF (58.68 AC)
CLUSTER OPTION OPEN SPACE CALCULATIONS: SEE SHEET C-5.0
ACTIVE/PASSIVE OPEN SPACE CALCULATIONS: SEE SHEET C-5.1

IMPERVIOUS AREAS:
ROADWAYS & SIDEWALKS 498,742 SF (11.45 AC)
PONDS: 130,318 SF (2.99 AC)
BUILD UPON AREA (BUA) : 996,804 SF (22.88 AC)
TOTAL ON-SITE IMPERVIOUS AREA: 1,625,864 SF (37.32 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT: 32.61%

CURRENT & PROPOSED USE AREAS:
CURRENT USE: WAKE COUNTY AGRICULTURAL
PROPOSED USE: TOWN OF ROLESVILLE RESIDENTIAL, MEDIUM DENSITY

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

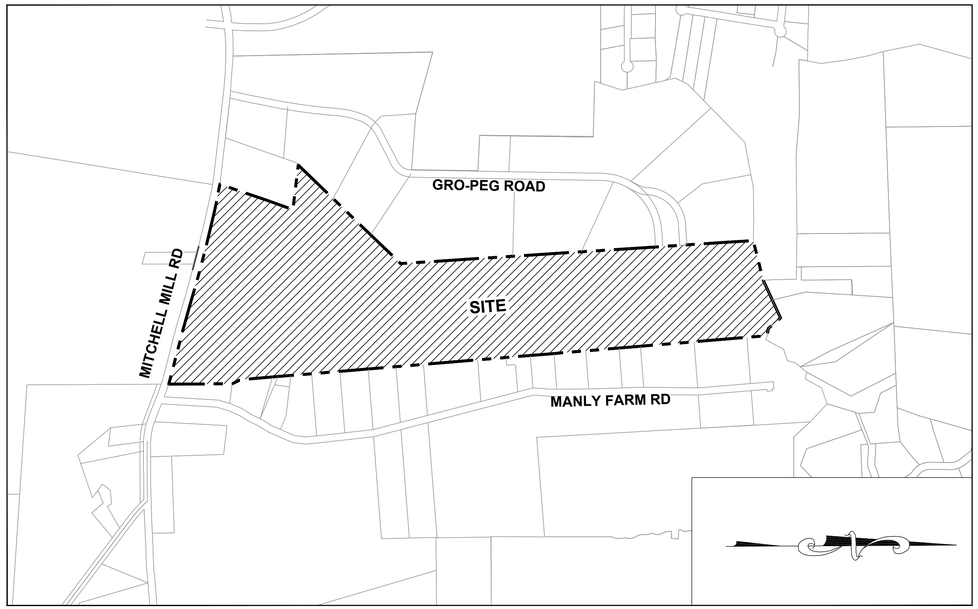
LOT ACREAGE:	DSF:
LOT TYPE 50' (51' x 118' LOTS):	75 LOTS
LOT TYPE 60' (60' x 117' LOTS):	68 LOTS
LOT TYPE 70' (70' x 115' LOTS):	82 LOTS

TOTAL NUMBER PROPOSED LOTS: 225 LOTS
MINIMUM PROPOSED LOT SIZE: 6,120 SF (0.14 AC)
MAXIMUM PROPOSED LOT SIZE: 19,443 SF(0.45 AC)
MINIMUM LOT WIDTH: 51'
PROPOSED DENSITY: 1.96 UNITS/AC

DISTURBED AREA:
TOTAL DISTURBED AREA: 3,138,174 SF (72.04 AC)

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PROJECT NUMBER: PSP-24-03



VICINITY MAP
1" = 600'

STREET NAMES	PROPOSED ROW	PAVEMENT WIDTH	LINEAR FEET
BOULDER MILL DRIVE	50-70 FT	24-42 Ft	2,558
SLATE SPRINGS STREET	50 Ft	24 Ft	370.18
STREET A	50 Ft	24 Ft	800.17
PLUTON RIDGE DRIVE	50 Ft-60 Ft	24-34 Ft	1,650.22
IGNEOUS STREET	50 Ft	24 Ft	1,075.88
MILLPOND BLUFF DRIVE	50 Ft	24 Ft	1,063.21
FLATROCK RIDGE STREET	62 Ft	36 Ft	849.40
MAGMA CHAMBER WAY	50 Ft	24 Ft	762.97
LAVA STREET	50 Ft	24 Ft	330.80
LIMESTONE WALL LANE	50 Ft	24 Ft	2,477.73
PRIVATE OFF-SITE DRIVEWAY 1	20 Ft	16 Ft	160.00
PRIVATE OFF-SITE DRIVEWAY 2	20 Ft	16 Ft	159.13

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

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:
STRONGROCK ENGINEERING GROUP
305 CHURCH AT NORTH HILLS ST, SUITE 1110
RALEIGH, NC 27609
INFORMATION@STRONGROCKGROUP.COM

CONDITIONS OF APPROVAL:
1. UTILITIES CONSTRUCTED BY OTHERS MUST BE INSTALLED, INSPECTED, AND ACCEPTED BY RALEIGH PRIOR TO RECORDATION OF THE LOTS WITHIN THIS PROJECT. IF THESE UTILITIES ARE NOT CONSTRUCTED BY OTHERS, THIS PROJECT IS RESPONSIBLE FOR THE EXTENSIONS TO SUPPORT THIS PROJECT'S DEVELOPMENT.
2. A WATER MODEL IS REQUIRED TO BE COMPLETED BY THE PROJECT ENGINEER TO DEMONSTRATE THAT THE PROPOSED WATER LINE EXTENSION WILL PROVIDE ADEQUATE FIRE FLOW AND PRESSURE FOR THE PROPOSED DEVELOPMENT.
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.

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.

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	C-3.3	PARTIAL TREE INVENTORY MAP I
09	C-3.4	PARTIAL TREE INVENTORY MAP II
10	C-3.5	PARTIAL TREE INVENTORY MAP III
11	C-3.6	PARTIAL TREE INVENTORY MAP IV
12	C-3.7	PARTIAL TREE INVENTORY MAP V
13	C-3.8	PARTIAL TREE INVENTORY MAP VI
14	C-3.9	PARTIAL TREE INVENTORY MAP VII
15	C-3.10	PARTIAL TREE INVENTORY MAP 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	C-6.1	PARTIAL SITE PLAN I
22	C-6.2	PARTIAL SITE PLAN II
23	C-6.3	PARTIAL SITE PLAN III
24	C-6.4	PARTIAL SITE PLAN IV
25	C-6.5	PARTIAL SITE PLAN V
26	C-6.6	PARTIAL SITE PLAN VI
27	C-6.7	LOT SIZE TABLES
28	C-7.0	OVERALL UTILITY PLAN
29	C-7.1	PARTIAL UTILITY PLAN I
30	C-7.2	PARTIAL UTILITY PLAN II
31	C-7.3	PARTIAL UTILITY PLAN III
32	C-7.4	PARTIAL UTILITY PLAN IV
33	C-7.5	PARTIAL UTILITY PLAN V
34	C-7.6	PARTIAL UTILITY PLAN VI
35	C-7.7	PARTIAL UTILITY PLAN VII - OFF SITE
36	C-7.8	SANITARY SEWER TABLES
37	C-7.9	OFF-SITE UTILITY PLAN
38	C-8.0	OVERALL GRADING & DRAINAGE PLAN
39	C-8.1	PARTIAL GRADING & DRAINAGE PLAN I
40	C-8.2	PARTIAL GRADING & DRAINAGE PLAN II
41	C-8.3	PARTIAL GRADING & DRAINAGE PLAN III
42	C-8.4	PARTIAL GRADING & DRAINAGE PLAN IV
43	C-8.5	PARTIAL GRADING & DRAINAGE PLAN V
44	C-8.6	PARTIAL GRADING & DRAINAGE PLAN VI
45	C-8.7	STORM DRAINAGE TABLES
46	C-8.8	STORM DRAINAGE TABLES
47	C-9.0	OVERALL LANDSCAPE PLAN
48	C-9.1	PERIMETER BUFFER PLAN
49	C-9.2	PARTIAL LANDSCAPE PLAN I
50	C-9.3	PARTIAL LANDSCAPE PLAN II
51	C-9.4	PARTIAL LANDSCAPE PLAN III
52	C-9.5	PARTIAL LANDSCAPE PLAN IV
53	C-9.6	PARTIAL LANDSCAPE PLAN V
54	C-9.7	PARTIAL LANDSCAPE PLAN VI
55	C-10.0	OVERALL PRESERVATION PLAN
56	C-10.1	PRESERVATION PLAN I
57	C-10.2	PRESERVATION PLAN II
58	C-10.3	PRESERVATION PLAN III
59	C-10.4	PRESERVATION PLAN IV
60	C-10.5	PRESERVATION PLAN V
61	C-10.6	PRESERVATION PLAN VI
62	C-10.7	PRESEVATION TABLE
63	C-11.0	OVERALL FIRE PLAN
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67	D-1.0	TYPICAL CROSS SECTION
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71	D-3.0	SANITARY SEWER & WATER DETAILS
72	D-4.0	STORM DETAILS

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No.	REVISIONS	DATE	BY
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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
COVER SHEET

DRAWING SHEET
C-1.0

01 OF 72

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.
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 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.

12. ALL ON-SITE RETAINING WALLS ARE TO BE OWNED AND MAINTAINED BY THE HOA.

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 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.

Authentisign ID: 4C37A283-544B-EF11-B8C5-0022482F0BE1

The foregoing zoning conditions have been voluntarily offered by the property owner. This page may be photocopied if additional space is needed.

Signature: Alan Watkins 07/26/24 — Print Name: Alan Watkins & Melody Watkins
Date:
Signature: Randy Watkins 07/26/24 — Melody Watkins 07/26/24
Print Name: Randy & Donna Watkins
Date:
Signature: Laura Watkins 07/27/24 — Donna Watkins 07/26/24
Print Name: Laura Watkins
Date:
Signature: Randall Watkins 07/27/24 — Print Name: Randall Watkins
Date:
Signature: — Print Name: Ellis Land Investment Company, LLC
By: Stephen Ellis, Manager
Date:

No.	REVISIONS	DATE	BY
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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
ZONING CONDITIONS

DRAWING SHEET
C-1.1

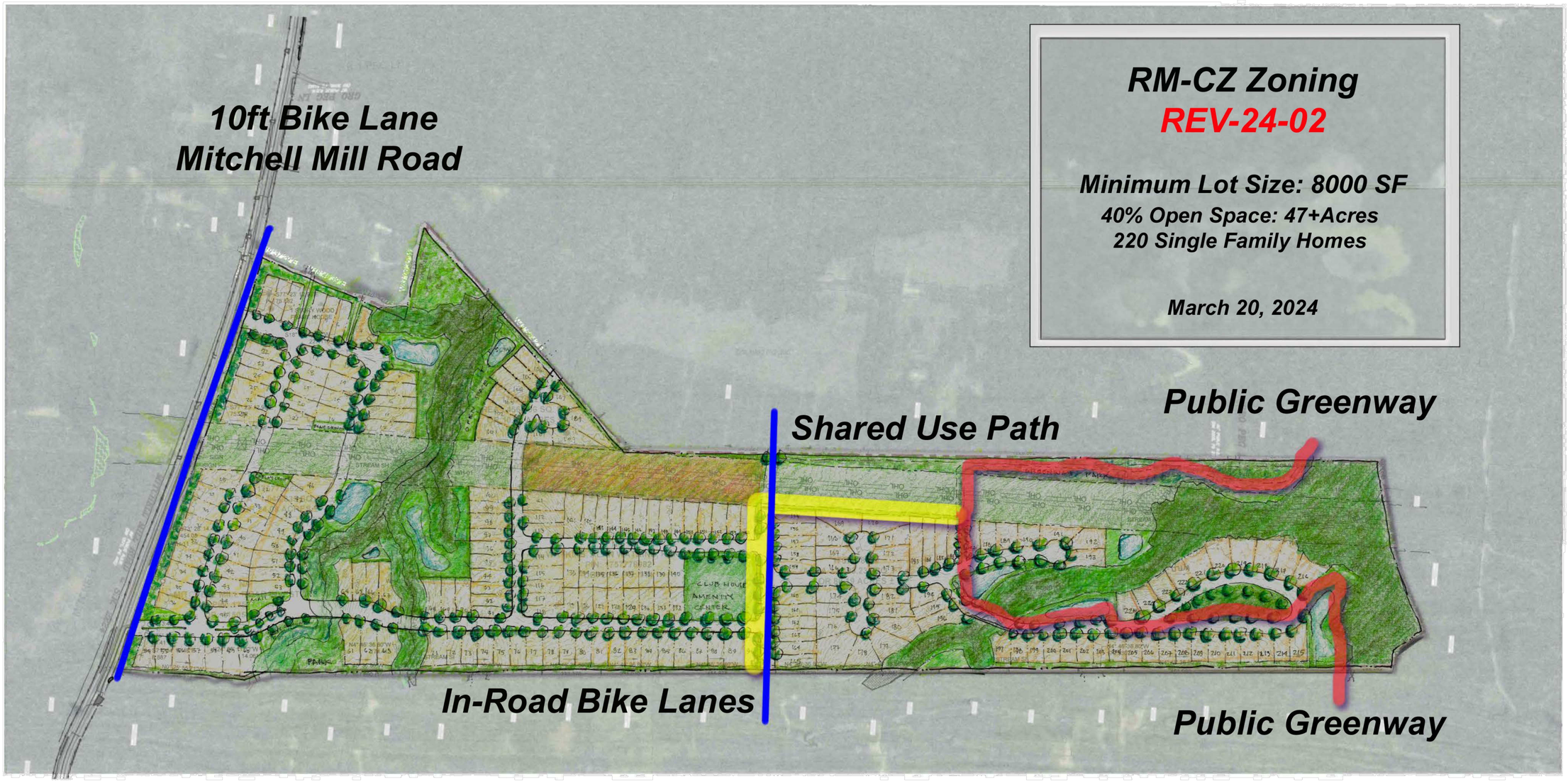
02 OF 72

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.

PROGRESS PLOT DATE: 04/29/2025

V2 - REZ-24-02

EXHIBIT ONE
CONCEPT SKETCH PLAN



Hills at Harris Creek

ELLIS DEVELOPMENTS GROUP

STRONGROCK ENGINEERING GROUP

SCALE
1 inch = 200 ft.

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DRAWN BY	SRG
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
CONCEPT SKETCH PLAN

DRAWING SHEET
C-1.2

03 OF 72

GENERAL CONSTRUCTION NOTES:

1. SEE GENERAL NOTES ON SHEET C-1.1.
2. WITHIN ALL NOTES, THE TERM CONTRACTOR WILL MEAN THE GENERAL CONTRACTOR AND ANY SUBCONTRACTORS OR VENDORS PERFORMING WORK ON THE PROJECT.
3. ANY CONTRACTOR SUBMITTING A BID FOR THIS PROJECT SHALL MAKE A SITE VISIT PRIOR TO SUBMITTING BID.
4. BOUNDARY DATA PERFORMED BY TAYLOR LAND CONSULTANTS. SEE SURVEY FOR BENCHMARK & TBM INFORMATION. SURVEY IS REFERENCED TO NC GRID NAD 83. REFER TO EXISTING CONDITIONS PLAN
5. ANY RELOCATION OF BENCHMARKS SHALL BE PERFORMED BY A NC LICENSED SURVEYOR.
6. ALL WORK, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF ROLESVILLE, WAKE COUNTY, NCDOT OR & CITY OF RALEIGH STANDARDS AND SPECIFICATIONS, LATEST EDITION.
7. ALL WORK, CONSTRUCTION AND MATERIALS WITHIN NCDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2018 NCDOT STANDARDS SPECIFICATIONS FOR ROADS AND STRUCTURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT RIGHT-OF-WAY. TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES WITH PROPER SIGNAGE, SIGNALS, LIGHTING, FLAGMEN. ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
9. COPIES OF ALL PERMITS AND APPROVED PLANS MUST BE KEPT ON SITE IN A PERMIT BOX THAT IS CONSPICUOUSLY LOCATED AND EASILY ACCESSIBLE DURING CONSTRUCTION. THIS INCLUDES APPROVED CONSTRUCTION PLANS, APPROVED EROSION CONTROL PLANS, ENCROACHMENT AGREEMENTS, DRIVEWAY PERMITS, WATER/SEWER PERMITS, ETC.
10. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. CONTACT THE NC ONE CALL CENTER AT LEAST 72 HOURS PRIOR TO DIGGING @ 1.800.632.4949. UNDERGROUND LINES SHOWN HEREON ARE APPROXIMATE OR AS REPORTED BY VARIOUS RESPONSIBLE PARTIES. THE SURVEYOR DOES NOT GUARANTEE THAT ANY UNDERGROUND STRUCTURES SUCH AS UTILITIES, TANKS AND PIPES ARE LOCATED HEREON.
11. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES.
12. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY TOWN, CITY OF RALEIGH OR NCDOT DAMAGED PROPERTY. THE CONTRACTOR SHALL REPAIR THE DAMAGED PROPERTY TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE AGENCY HOLDING JURISDICTION AT NO COST TO THE OWNER.
13. ANY DAMAGE DONE TO PRIVATE PROPERTY OWNERS SIGNS, MAILBOX, DRIVEWAY CULVERTS, LANDSCAPING OR OTHER PROPERTY SHALL BE RESTORED TO ORIGINAL CONDITION. AT NO COST TO OWNER.
14. CONTRACTOR IS RESPONSIBLE FOR FENCING AND SECURITY OF HIS LAYDOWN AND STORAGE AREA.
15. THE CONTRACTOR IS REQUIRED TO MEET ALL APPLICABLE FEDERAL, OSHA, STATE AND LOCAL REGULATIONS CONCERNING PROJECT SAFETY AND ASSUMES FULL RESPONSIBILITY FOR SAFETY ON THE PROJECT.
16. CONTRACTOR SHALL KEEP ALL ROADS FREE OF DIRT AND DEBRIS AT ALL TIMES.
17. CONTRACTOR SHALL PROTECT EXISTING PAVEMENTS AND UTILITIES FROM HEAVY EARTH MOVING EQUIPMENT. PROVIDE TRAFFIC CONTROL AND ADEQUATE PROTECTION METHODS AT ALL EQUIPMENT CROSSINGS.
18. ALL STRUCTURAL FILL MATERIAL SHALL BE FREE OF ALL STICKS, ROCKS, AND CLUMPS OF MUD. ALL ROCKS GREATER THAN 3" DURING EXCAVATION SHALL BE REMOVED.
19. CONCRETE SIDEWALKS THAT ARE TO BE REMOVED SHALL BE CUT BACK TO NEAREST EXPANSION OR CONTROL JOINT AND REPLACED WITH 4-INCH CONCRETE SIDEWALK FINISHED TO MATCH EXISTING SIDEWALKS.
20. CONTRACTOR TO COORDINATE WITH CITY OF RALEIGH FOR TEMPORARY WATER NEEDED DURING CONSTRUCTION. IF PERMITTED TO CONNECT TO EXISTING FIRE HYDRANT A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER WILL BE REQUIRED.
21. THE TRANSITION OF PROPOSED ROADWAY TO EXISTING ROADWAY SHALL BE DONE WITH A MINIMUM 8-FT TRANSITION WHERE THE EXISTING PAVEMENT IS MILLED TO A MINIMUM DEPTH OF 1-1/2" AND OVERLAID.
22. ALL PAVEMENT SAW CUTS SHALL BE NEAT, STRAIGHT AND FULL DEPTH.
23. ALL RIP-RAP IS TO BE INSTALLED WITH NON-WOVEN FILTER FABRIC BENEATH (MIRAFI 14ON OR APPROVED EQUAL).
24. HDPE PIPE SHALL BE ADS N-12 WT (ASTM D3212) OR APPROVED EQUAL INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
25. ALL SITE CONSTRUCTION MUST BE INSPECTED BY THE GEOTECHNICAL ENGINEER AT THE FOLLOWING STAGES:
    - A. COMPLETION OF GRADING SUBGRADE PRIOR TO PLACING STONE BASE.
    - B. COMPLETION OF STONE PLACEMENT PRIOR TO PAVING.
    - C. FINAL INSPECTION WHEN ALL WORK IS COMPLETE.
26. PRIOR TO PLACING CABC STONE BASE, THE CONTRACTOR SHOULD NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE PROOF ROLL OF THE SUBGRADE. ANY STONE PLACED WITHOUT PRIOR APPROVAL WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBJECT TO RE-CONSTRUCTION IF SUBGRADE DOES NOT MEET TOWN AND NCDOT STANDARDS & SPECIFICATIONS.
27. ALL UTILITY SERVICES, (POWER, TELEPHONE, CABLE, ETC.) ARE PROPOSED TO BE UNDERGROUND. THE CONTRACTOR SHALL COORDINATE WITH THE PRIVATE UTILITY SERVICE COMPANIES FOR ANY REQUIRED CONDUITS OR POINT OF CONTACT CONDITIONS.
28. ALL PUBLIC UTILITIES THAT REQUIRE AN ENGINEERING CERTIFICATION MUST BE INSPECTED BY A PROFESSIONAL ENGINEER ON A PERIODIC BASIS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER WHEN INSTALLING UTILITIES FOR PERIODIC INSPECTIONS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AT THE TIME OF PRESSURE TESTING AND WATER LINE DISINFECTION. THE CONTRACTOR SHALL SUPPLY THE PROJECT ENGINEER PRESSURE TEST RESULTS.
29. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD CONDITIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF THE CLEARANCES ARE LESS THAN SPECIFIED ON THE PLANS OR 12 INCHES, WHICH EVER IS LESS, CONTACT THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
30. THE CONTRACTOR SHALL INCLUDE IN HIS CONTRACT PRICE THE REMOVAL AND DISPOSAL, TO AN APPROVED NCDENR LOCATION, OF ANY EXCESS TOPSOIL OR UNCLASSIFIED EXCAVATION HE DETERMINES IS NOT REQUIRED TO PERFORM THE FINAL GRADING AND LANDSCAPING OPERATION.
31. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE DAILY RECORD KEEPING OF THE AS-BUILT CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKEOUT ASSOCIATED WITH THE PROJECT. PREPARATION OF THE NECESSARY/REQUIRED AS-BUILT PLANS TO BE SUBMITTED TO TOWN OF ROLESVILLE AND/OR CITY RALEIGH PUBLIC UTILITIES AND/OR ALL OTHER INFORMATION REQUIRED IN CONNECTION WITH RELEASE OF BONDS.
32. THE CONTRACTOR SHALL INCLUDE IN THE PRICE, ANY AND ALL COSTS ASSOCIATED WITH PROVIDING A PROFESSIONAL ENGINEER ON SITE IF REQUIRED, DURING THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES, UNDERGROUND UTILITIES, ETC. AS REQUIRED FOR AS-BUILT CERTIFICATION.
33. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL REQUIRED/NECESSARY SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT TO MEET OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THE DRAWINGS. NCDOT, TOWN OF ROLESVILLE, CITY OF RALEIGH, & ENGINEER OF RECORD ACCEPT NO RESPONSIBILITY FOR THE DESIGN TO INSTALL SAID ITEMS.
34. TESTING BY CONTRACTOR: CONTRACTOR SHALL EMPLOY AT HIS EXPENSE AN OUTSIDE INDEPENDENT SOIL TESTING SERVICE (APPROVED BY THE OWNER) TO PERFORM SOIL TESTING AND INSPECTION SERVICE FOR QUALITY CONTROL TESTING DURING EARTHWORK OPERATIONS. COPIES OF RESULTS OF TESTS SHALL BE SUBMITTED BY THE TESTING SERVICE DIRECTLY TO THE CONTRACTOR, THE OWNER, AND THE APPLICABLE APPROVING AGENCY. --THE TESTING SERVICE WILL CLASSIFY PROPOSED ON-SITE AND BORROW SOILS TO VERIFY THAT SOILS COMPLY WITH SPECIFIED REQUIREMENTS AND TO PERFORM REQUIRED FIELD AND LABORATORY TESTING. (MINIMUM REQUIRED SOIL BEARING CAPACITY IS NOTED ON THE STRUCTURAL DRAWINGS). -IN PAVED AND BUILDING SLAB AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 2000 SQUARE FEET OF FILL IN EACH COMPACTED FILL LAYER. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION. --IN FOUNDATION WALL AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 100 FEET OR LESS OF WALL LENGTH OF FILL IN EACH COMPACTED FILL LAYER, WITH NO LESS THAN TWO TESTS ALONG A WALL FACE. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION.
35. COMPACTION: COMPACT EACH LAYER OF BACKFILL AND FILL SOIL MATERIALS AND THE TOP 12" OF SUBGRADE IN CUT AREAS TO 98% OF MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T99 FOR STRUCTURES, SLABS, AND PAVEMENTS AND 95% OF MAXIMUM DENSITY FOR EMBANKMENTS OR UNPAVED AREAS. MAX LIFT THICKNESS FOR FILL AREAS IS 8 INCHES.
36. DESIGN/FIELD CONDITIONS QUITE EASILY MAY VARY FROM THAT REPRESENTED IN THE INITIAL SOILS REPORT AND/OR TOPOGRAPHICAL REPORT. ISOLATED AREAS MAY SHOW UP WEAK AND ADVERSE SOILS OR GROUNDWATER CONDITIONS MAY BE DISCOVERED THAT WERE NOT REVEALED DURING THE INITIAL SOILS INVESTIGATION. THEREFORE, THE OWNER/CLIENT IS TO BE AWARE THAT ENGINEER OF RECORD WILL NOT AND CANNOT BE HELD RESPONSIBLE FOR ANY FAILURES TO EITHER A STREET OR PARKING LOT PAVEMENT DESIGN UNLESS WE CAN BE FULLY AND TOTALLY INVOLVED IN THE CONSTRUCTION PROCESS WHICH MAY INCLUDE, BUT MAY NOT NECESSARILY BE LIMITED TO, TESTING SUBGRADE AND BASE DENSITY, ENGAGING THE GEOTECHNICAL ENGINEER FOR THE EVALUATION OF THE SUBGRADE AND FOR THE OBSERVATION OF PROOF ROLLING SUBGRADE AND BASE AT VARIOUS STEPS OF CONSTRUCTION, OPPORTUNITY FOR THE DESIGN ENGINEER TO CALL IN A GEOTECHNICAL ENGINEER FOR CONSULTATION AND ADVICE, ETC. - STEPS WHICH TAKEN ALTOGETHER WITH THE INITIAL DESIGN SHOWN ON THE PLANS, CONSTITUTE THE COMPLETE DESIGN OF THE ROAD, STREET OF PARKING AREA (PRIVATE OR PUBLIC). THE DESIGN ENGINEER MUST BE GIVEN THE FULL LATITUDE AND OPPORTUNITY TO COMPLETE THE DESIGN BY FULLY PARTICIPATING IN THE CONSTRUCTION PROCESS. PLAN DESIGN IS A SMALL PORTION OF THE DESIGN AND CANNOT BE SEPARATED FROM THE CONSTRUCTION PROCESS IF THE OWNER'S/CLIENT'S DESIRE IS TO HAVE THE DESIGN ENGINEER STAND BEHIND THE COMPLETED DESIGNED PROJECT.
37. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDING PADS.
38. THE SITE PREVIOUSLY CONTAINED RESIDENTIAL / FARM STRUCTURES CONTRACTOR RESPONSIBLE FOR REMOVAL OF ANY FOUNDATIONS AND SEPTIC SYSTEMS PER NCDNR REQUIREMENTS.

GENERAL ABBREVIATIONS:

IDENTIFIER	DESCRIPTION
&	AND
℄	CENTERLINE
Ø	DIAMETER OR ROUND
ℙ	PROPERTY LINE
ABC	AGGREGATE BASE ASPH ASPHALT
AVE	AVENUE
BLVD	BOULEVARD
BLDG	BUILDING
BOC	BACK OF CURB
BW	BOTTOM OF WALL
CB	CATCH BASIN
CI	CURB INLET
CIP	CAST IRON PIPE
CLS	CLASS
CJ	CONTROL JOINT
CO	CLEANOUT
CONC	CONCRETE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DOM	DOMESTIC
DR	DRIVE
(XX)	EXISTING ELEVATION
E	EAST, EASTING
EL	ELEVATION
EJ	EXPANSION JOINT
EOP	EDGE OF PAVEMENT
EX	EXISTING
EVAP	EVAPORATIVE
FDC	FIRE DEPARTMENT CONNECTION
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FHA	FIRE HYDRANT ASSEMBLY
FL	FLOW LINE
FT	FOOT OR FEET
G	GAS
GALV	GALVANIZED
GB	GRADE BREAK
GE	GENERAL ELECTRIC
GR	GRADE
HDPE	HIGH DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
HOV	HIGH OCCUPANCY VEHICLE
HP	HIGH POINT
IAW	IN ACCORDANCE WITH
I.H.	INTERSTATE HIGHWAY
INV	INVERT
LEN	LENGTH

GENERAL ABBREVIATIONS:

IDENTIFIER	DESCRIPTION
LEV	LOW EMISSION VEHICLE
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH, NORTHING
NCDENR	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES
NCDOT	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
NTS	NOT TO SCALE
OH	OVERHEAD
OCB	OFF-SET CATCH BASIN
PCC	PORTLAND CEMENT CONCRETE
PE	POLYETHYLENE
PKWY	PARKWAY
POC	POINT OF CONNECTION
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
R.O.W	RIGHT OF WAY
RPDA	REDUCED PRESSURE DETECTOR ASSEMBLY
RPZ	REDUCED PRESSURE ZONE
S	SOUTH
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SDE	SIGHT DISTANCE EASEMENT
SSMH	SANITARY SEWER MANHOLE
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
ST.STL	STAINLESS STEEL
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TB	TOP OF BARRIER
TC/TOC	TOP OF CURB
TD	TEMPORARY DIVERSION
TH	TEST HEADER
TOP	TOP OF PIPE
TP	TOP OF PAD
TYP	TYPICAL
TW	TOP OF WALL
UG	UNDERGROUND
VEG	VEGETATED
VERT	VERTICAL
W	WEST
W/	WITH
W/O	WITHOUT
YI	YARD INLET
CRZ	CRITICAL ROOT ZONE

** ALL SYMBOLS & ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS DRAWING PACKAGE **

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0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
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2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

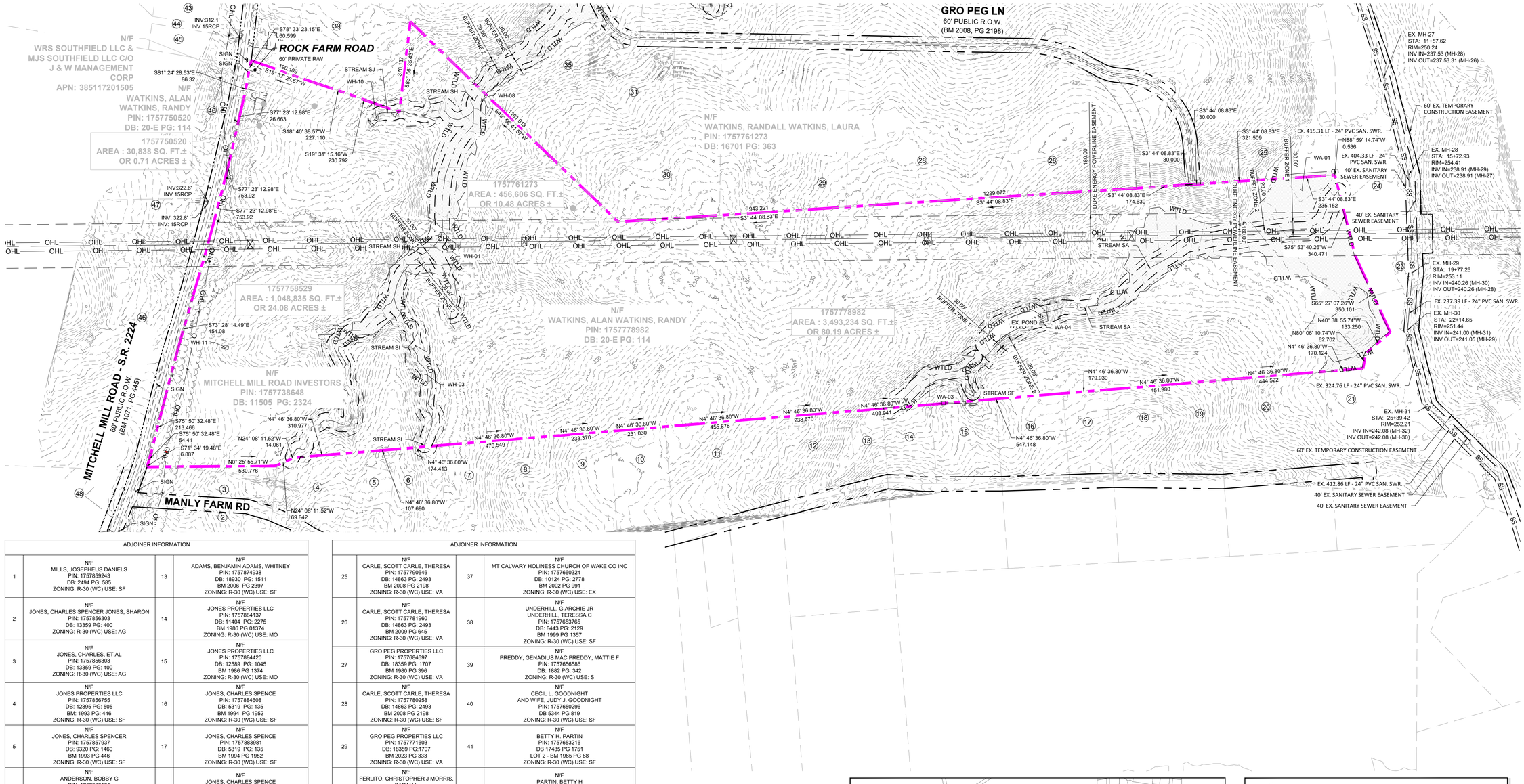
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
CIVIL NOTES

DRAWING SHEET
C-2.0

04 OF 72

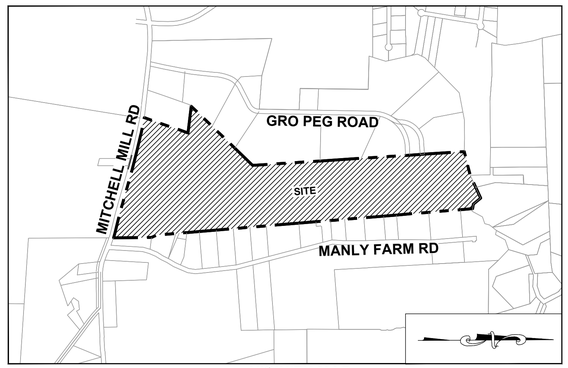
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PROGRESS PLOT DATE: 04/29/2025



ADJOINER INFORMATION			
1	N/F MILLS, JOSEPHEUS DANIELS PIN: 1757859243 DB: 2494 PG: 585 ZONING: R-30 (WC) USE: SF	13	N/F ADAMS, BENJAMIN ADAMS, WHITNEY PIN: 1757874938 DB: 18930 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: 12895 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: 1757857937 DB: 9320 PG: 1460 BM 1993 PG 446 ZONING: R-30 (WC) USE: SF	17	N/F JONES, CHARLES SPENCE PIN: 1757883981 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: 1757894101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF
7	N/F HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1806 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: 757893646 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: 1757694902 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	GRO PEG PROPERTIES LLC PIN: 1757684697 DB: 18359 PG: 1707 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	39	N/F PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656586 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: 1757650296 DB 5344 PG 819 ZONING: R-30 (WC) USE: SF
29	GRO PEG PROPERTIES LLC PIN: 1757771603 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: 1757772106 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 1980 PG 396 ZONING: R-30 (WC) USE: VA	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
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	GRO PEG PROPERTIES LLC PIN: 1757664956 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: 1757668730 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: 1757665301 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



VICINITY MAP
1" = 1000'

LEGEND:

- MASTER PLAN BOUNDARY
- EXISTING ADJOINER PROPERTY LINE
- 320 — 5' CONTOUR
- 1' CONTOUR
- EXISTING STREAM
- EXISTING BUFFER
- 100YR — 100 YR FLOOD LINE
- 500YR — 500 YR FLOOD LINE
- FLOODWAY LINE
- 8" SAN — EXISTING 8" SANITARY SEWER
- WTLD — EXISTING WETLAND
- EXISTING FIRE HYDRANT

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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SEAL

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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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

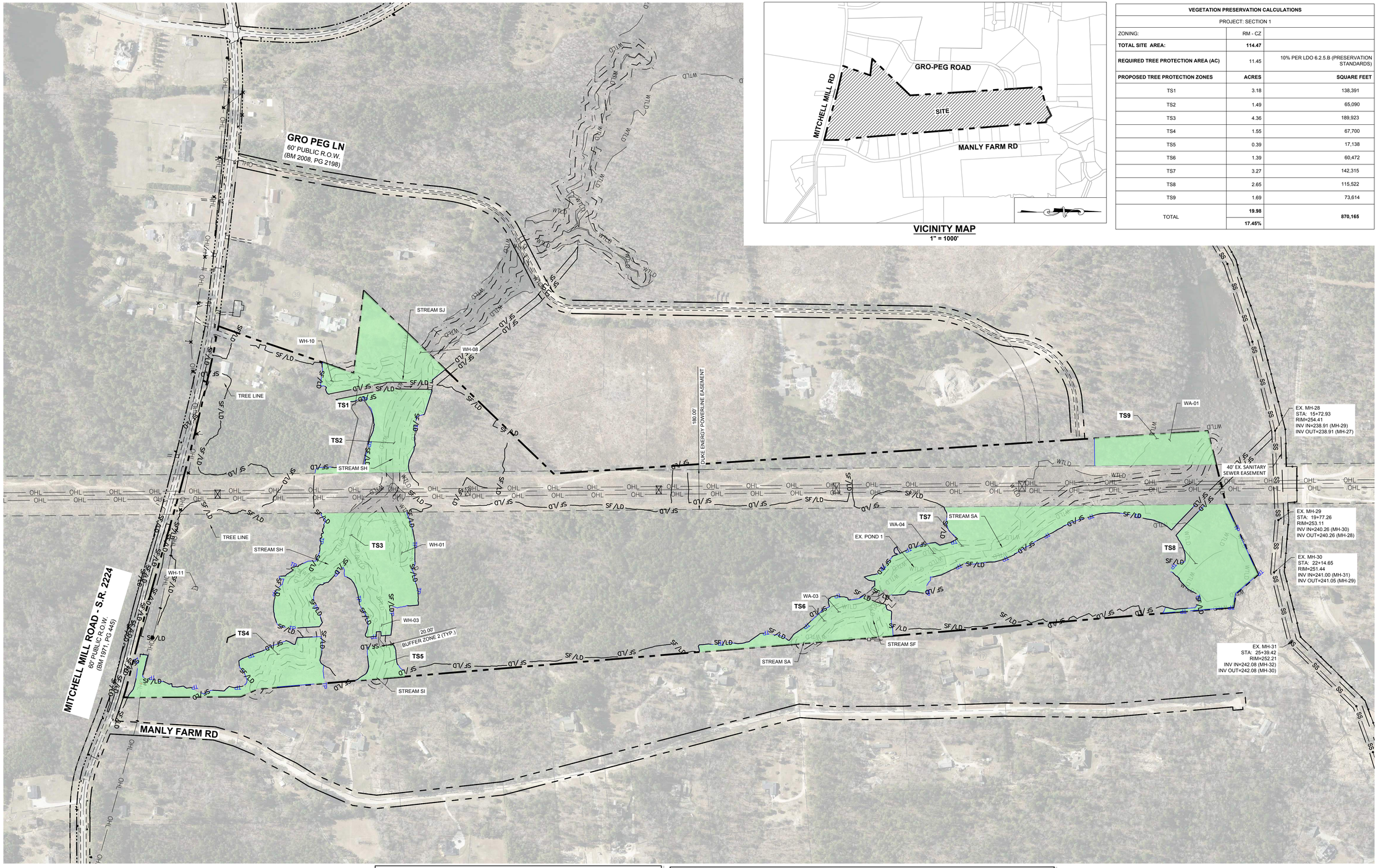
PRELIMINARY SUBDIVISION PLAT

EXISTING CONDITIONS PLAN

DRAWING SHEET

C-3.0

05 OF 72



VICINITY MAP
1" = 1000'

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	3.18	138,391
TS2	1.49	65,090
TS3	4.36	189,923
TS4	1.55	67,700
TS5	0.39	17,138
TS6	1.39	60,472
TS7	3.27	142,315
TS8	2.65	115,522
TS9	1.69	73,614
TOTAL	**19.98**	**870,165**
	17.45%	

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

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

GRAPHIC SCALE
200 0 100 200 400 800
(IN FEET)
1 inch = 200 ft.

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SEAL:

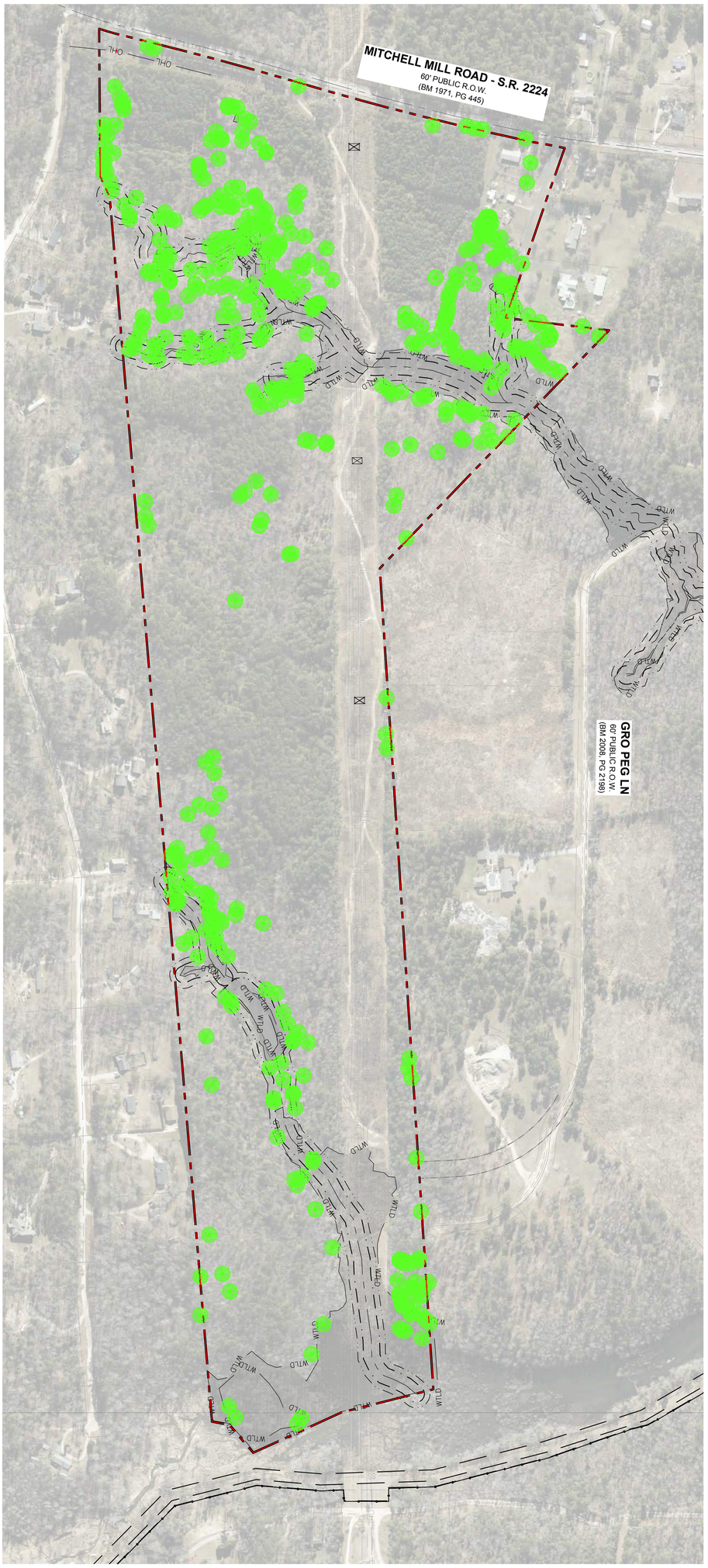
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STRONG ROCK PROJECT			
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	SCALE	AS SHOWN	
	DESIGNED BY	SRG	
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA.
PRELIMINARY SUBDIVISION PLAT
TREE PROTECTION PLAN

DRAWING SHEET
C-3.1

06 OF 72



GRAPHIC SCALE

(IN FEET)

1 inch = 200 ft.

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PROGRESS PLOT DATE: 04/28/2025

07 OF 72

DRAWING SHEET C-3.2

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PRELIMINARY SUBDIVISION PLAT

OVERALL TREE INVENTORY MAP

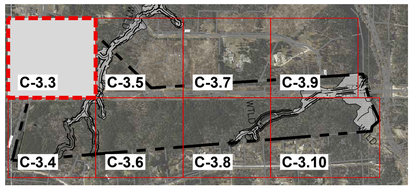
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3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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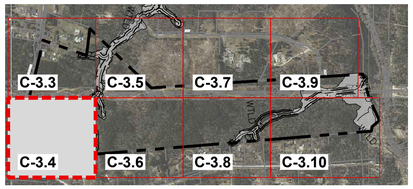
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP I

DRAWING SHEET
C-3.3



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-3.3

MATCH LINE

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

MANLY FARM RD

STREAM SI

WH-11

WH-03

SIGN

MATCH LINE
FOR CONTINUATION, SEE #####

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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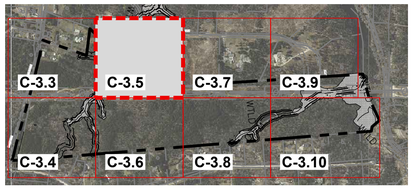
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SCALE	AS SHOWN	DESIGNED BY	SRG
		DRAWN BY	SRG
		CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP II

DRAWING SHEET
C-3.4

09 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-3.3
MATCH LINE

MATCH LINE
FOR CONTINUATION, SEE #####

MATCH LINE
FOR CONTINUATION, SEE C-3.6

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0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
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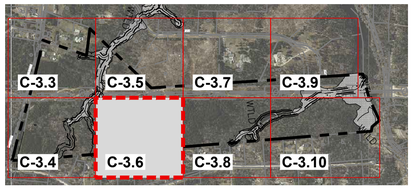
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SCALE	AS SHOWN
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP III

DRAWING SHEET
C-3.5

10 OF 72

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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

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-3.5

MATCH LINE



MATCH LINE
FOR CONTINUATION, SEE #####

FOR CONTINUATION, SEE C-3.4
MATCH LINE

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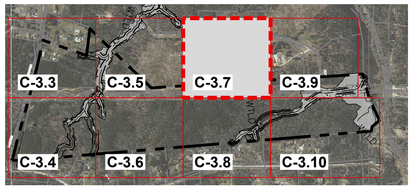
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP IV

DRAWING SHEET
C-3.6

11 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



FOR CONTINUATION, SEE C-3.5
MATCH LINE

MATCH LINE
FOR CONTINUATION, SEE #####

MATCH LINE
FOR CONTINUATION, SEE C-3.8

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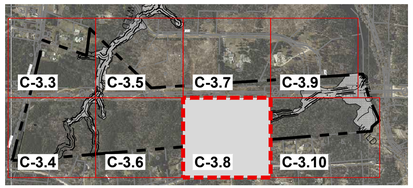
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP V

DRAWING SHEET
C-3.7

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-3.7

MATCH LINE



FOR CONTINUATION, SEE C-3.6

MATCH LINE

MATCH LINE

FOR CONTINUATION, SEE #####

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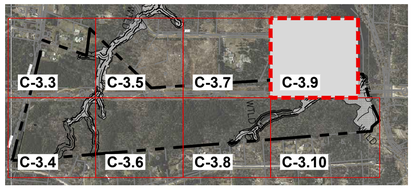
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP VI

DRAWING SHEET
C-3.8

13 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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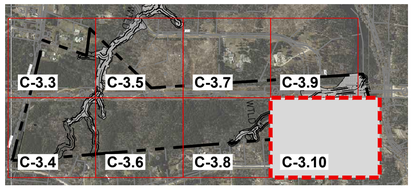
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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP VII

DRAWING SHEET
C-3.9

14 OF 72

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GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

FOR CONTINUATION, SEE C-3.9

MATCH LINE

FOR CONTINUATION, SEE C-3.8

MATCH LINE



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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP VIII

DRAWING SHEET
C-3.10

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
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	LITU	25	FAIR
127	QUAL	20	FAIR
128	PITA	25	FAIR
129	LIST	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
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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
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	PITA	20	GOOD
202	PITA	27	GOOD
203	PITA	28	GOOD
204	LIST	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
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229	LITU	23	FAIR
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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
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	LITU	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
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312	QUAL	20	FAIR
313	PITA	21	FAIR
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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
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
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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	FAIR
372	LITU	23	FAIR
373	LITU	18	FAIR
374	PITA	25	FAIR
375	LITU	19	FAIR
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378	QUAL	18	FAIR
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381	PLOC	19	FAIR
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384	LITU	31	FAIR
385	LITU	18	FAIR
386	CATO	24	FAIR
387	CATO	18	FAIR
388	QUAL	19	FAIR
389	PITA	20	FAIR
390	PITA	20	FAIR
391	PITA	20	FAIR
392	QUAL	30	FAIR
393	QUAL	25	FAIR
394	QUAL	20	FAIR
395	QUFA	24	FAIR
396	QUAL	21	FAIR
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403	QUAL	18	FAIR
404	QUFA	22	FAIR
405	QUFA	26	POOR
406	QUAL	19	FAIR
407	QUAL	21	FAIR
408	QUAL	20	FAIR
409	LITU	20	FAIR
410	ACRU	20	FAIR
411	LITU	18	FAIR
412	LITU	23	FAIR
413	QUAL	21	FAIR
414	LITU	21	FAIR
415	LITU	24	FAIR
416	PITA	24	FAIR
417	QUAL	21	FAIR
418	QUAL	24	FAIR
419	QUAL	19	FAIR
420	QUAL	18	FAIR
421	QUAL	19	FAIR
422	QUAL	19	FAIR
423	LITU	38	POOR
424	QUAL	18	FAIR
425	ACRU	19	FAIR
426	PITA	20	FAIR
427	PITA	20	FAIR
428	LITU	20	FAIR
429	PITA	20	FAIR
430	QUAL	20	FAIR
431	PITA	21	FAIR
432	QUAL	24	FAIR
433	QUAL	19	FAIR
434	LITU	19	FAIR
435	PITA	20	FAIR
436	LITU	21	FAIR
437	QUAL	21	FAIR
438	PITA	20	FAIR
439	ACRU	18	FAIR
440	ACRU	24	FAIR
441	QUAL	18	FAIR
442	LITU	26	FAIR
443	PITA	23	FAIR
444	CATO	18	FAIR
445	QUAL	19	FAIR
446	LITU	20	FAIR
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457	PITA	20	FAIR
458	PITA	24	FAIR
459	PITA	21	FAIR
460	QUFA	20	FAIR
461	QUAL	20	FAIR
462	CATO	18	FAIR
463	ACRU	24	FAIR
464	LITU	19	FAIR
465	PLOC	20	FAIR
466	PITA	20	FAIR
467	LITU	18	FAIR
468	PITA	20	FAIR
469	LITU	19	FAIR
470	QUAL	24	FAIR
471	QUAL	21	FAIR
472	ACRU	18	FAIR
473	ACRU	21	FAIR
474	BENI	18	FAIR
475	QURU	18	FAIR
476	QURU	19	FAIR
477	LIST	19	FAIR
478	LITU	19	FAIR
479	LITU	21	FAIR
480	ACRU	24	FAIR

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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

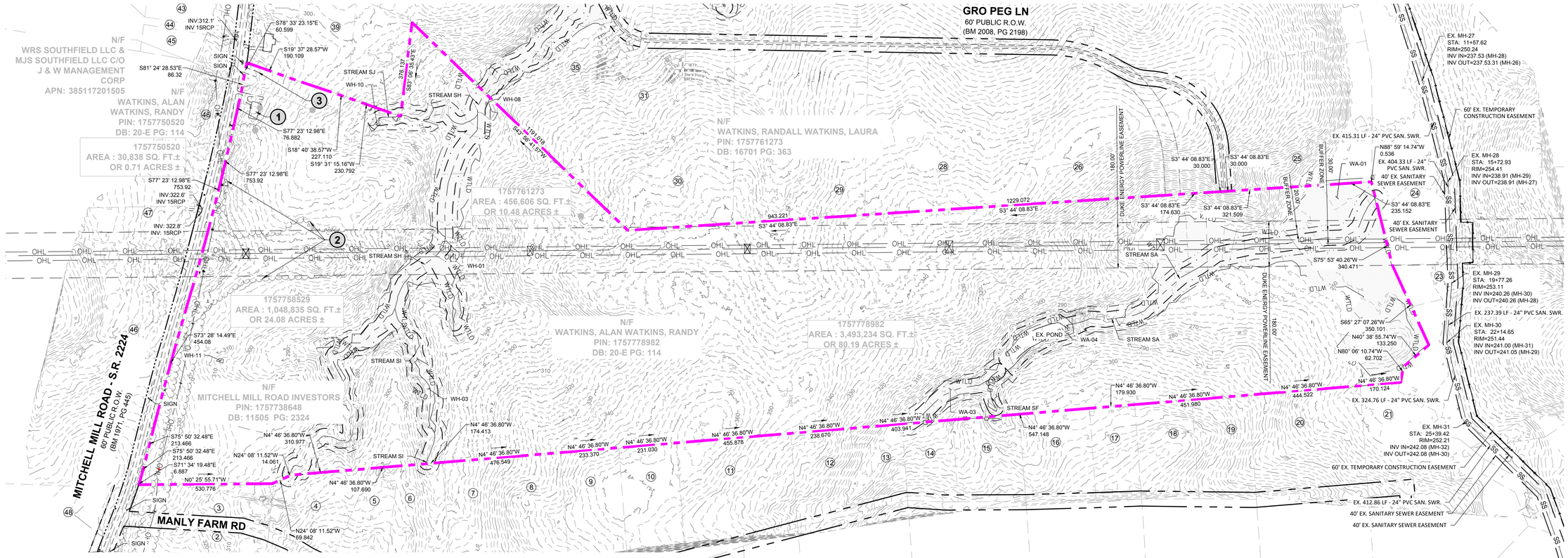
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
TREE INVENTORY TABLE

DRAWING SHEET
C-3.11

16 OF 72

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.

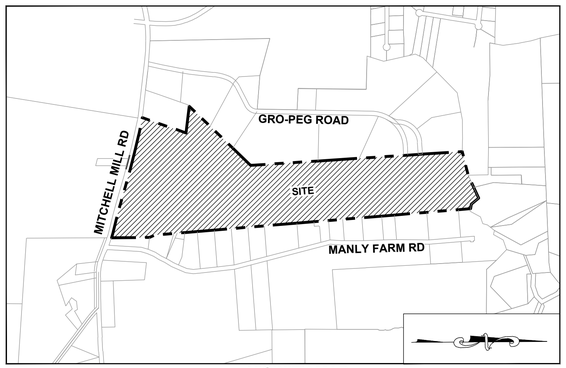


ADJOINER INFORMATION			
1	N/F MILLS, JOSEPHEUS DANIELS PIN: 1757859243 DB: 2494 PG: 585 ZONING: R-30 (WC) USE: SF	13	N/F ADAMS, BENJAMIN ADAMS, WHITNEY PIN: 1757874938 DB: 18930 PG: 1511 BM 2006 PG 2397 ZONING: R-30 (WC) USE: SF
2	N/F JONES, CHARLES SPENCER JONES, SHARON PIN: 1757856303 DB: 13359 PG: 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: 12895 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: 1757857937 DB: 9320 PG: 1460 BM 1993 PG 446 ZONING: R-30 (WC) USE: SF	17	N/F JONES, CHARLES SPENCE PIN: 1757883981 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: 1757894101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF
7	N/F HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1806 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 00823 ZONING: R-30 (WC) USE: SF	20	N/F RGA CONSULTING LLC PIN: 757893646 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: 1757694902 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	GRO PEG PROPERTIES LLC PIN: 1757684697 DB: 18359 PG: 1707 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	39	N/F PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656586 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: 1757650296 DB 5344 PG 819 ZONING: R-30 (WC) USE: SF
29	GRO PEG PROPERTIES LLC PIN: 1757771603 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: 1757772106 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 1980 PG 396 ZONING: R-30 (WC) USE: VA	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
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: 1757664956 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: 1757668730 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: 1757665301 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

DEMOLITION KEYNOTES:

1. EXISTING BUILDING TO BE REMOVED.
2. EXISTING TREES TO BE REMOVED.
3. EXISTING ROAD OR DRIVEWAY TO BE REMOVED.



VICINITY MAP
1" = 1000'

LEGEND:

- MASTER PLAN BOUNDARY
- EXISTING ADJOINER PROPERTY LINE
- 320 — 5' CONTOUR
- 1' CONTOUR
- EXISTING STREAM
- EXISTING BUFFER
- 100YR — 100 YR FLOOD LINE
- 500YR — 500 YR FLOOD LINE
- FLOODWAY LINE
- 8" SAN — EXISTING 8" SANITARY SEWER
- WTLD — EXISTING WETLAND
- EXISTING FIRE HYDRANT

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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

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NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
DEMOLITION PLAN

DRAWING SHEET
C-4.0

PROGRESS PLOT DATE: 04/29/2025

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		2,556,235	58.68	51.26%

BREAKDOWN OPEN SPACE	SF	AC
1. BUFFER THOROUGHFARE	47,585	1.09
2. BUFFER PERIMETER	121,750	2.79
3. DUKE POWER EASEMENT^*	804,856	18.48
4. NATURAL WETLAND/BUFFERS*	818,982	18.80
5. SCMs	210,131	4.82
6. CONTIGUOUS PARK SPACES	481,142	11.05
7. PLAYGROUND	15,332	0.35
8. GREENWAY^	56,457	1.30
* AREA OF OVERLAP DUKE EASEMENT AND NATURAL WETLAND/BUFFERS	177,514	4.08
^ AREA OF OVERLAP DUKE EASEMENT AND GREENWAY	1,800	0.04

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

PLUTON RIDGE DRIVE
50' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

STREET 'A'
50' PUBLIC R/W

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

MANLY FARM RD

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

IGNEOUS STREET
50' PUBLIC R/W

AMENITY CENTER WITH MAIL KIOSK

BOULDER MILL DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

180.0' DUKE ENERGY POWERLINE EASEMENT

1. THOROUGHFARE BUFFER,TYP.
2. PERIMETER BUFFER,TYP.
3. DUKE POWER EASEMENT, TYP.
4. NATURAL WETLAND/BUFFERS,TYP.
5. SCM,TYP.
6. CONTINUOUS OPEN SPACE,TYP.
7. PLAYGROUND
8. GREENWAY, TYP.

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

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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No.	REVISIONS	DATE	BY
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2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

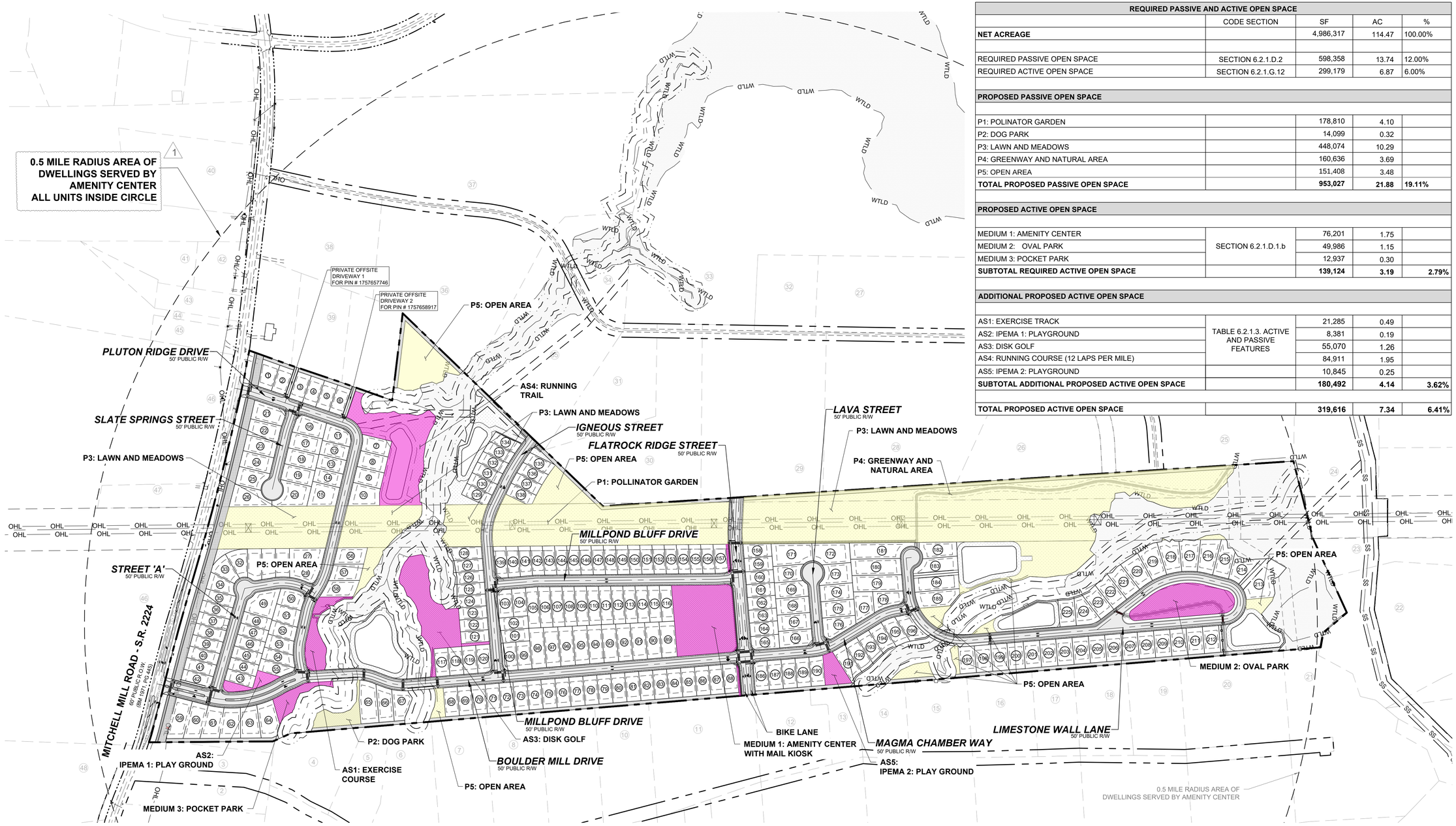
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL OPEN SPACE PLAN

DRAWING SHEET
C-5.0

18 OF 72



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		178,810	4.10	
P2: DOG PARK		14,099	0.32	
P3: LAWN AND MEADOWS		448,074	10.29	
P4: GREENWAY AND NATURAL AREA		160,636	3.69	
P5: OPEN AREA		151,408	3.48	
TOTAL PROPOSED PASSIVE OPEN SPACE		**953,027**	**21.88**	**19.11%**
PROPOSED ACTIVE OPEN SPACE				
MEDIUM 1: AMENITY CENTER	SECTION 6.2.1.D.1.b	76,201	1.75	
MEDIUM 2: OVAL PARK		49,986	1.15	
MEDIUM 3: POCKET PARK		12,937	0.30	
SUBTOTAL REQUIRED ACTIVE OPEN SPACE		**139,124**	**3.19**	**2.79%**
ADDITIONAL PROPOSED ACTIVE OPEN SPACE				
AS1: EXERCISE TRACK	TABLE 6.2.1.3. ACTIVE AND PASSIVE FEATURES	21,285	0.49	
AS2: IPEMA 1: PLAYGROUND		8,381	0.19	
AS3: DISK GOLF		55,070	1.26	
AS4: RUNNING COURSE (12 LAPS PER MILE)		84,911	1.95	
AS5: IPEMA 2: PLAYGROUND		10,845	0.25	
SUBTOTAL ADDITIONAL PROPOSED ACTIVE OPEN SPACE		**180,492**	**4.14**	**3.62%**
TOTAL PROPOSED ACTIVE OPEN SPACE		**319,616**	**7.34**	**6.41%**

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 / WTLD — EXISTING WETLAND

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

GRAPHIC SCALE

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(IN FEET)
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3	TOWN OF ROLESVILLE V4-PRSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

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			
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	SCALE	AS SHOWN	
	DESIGNED BY	SRG	
	DRAWN BY	SRG	
	CHECKED BY	SRG	

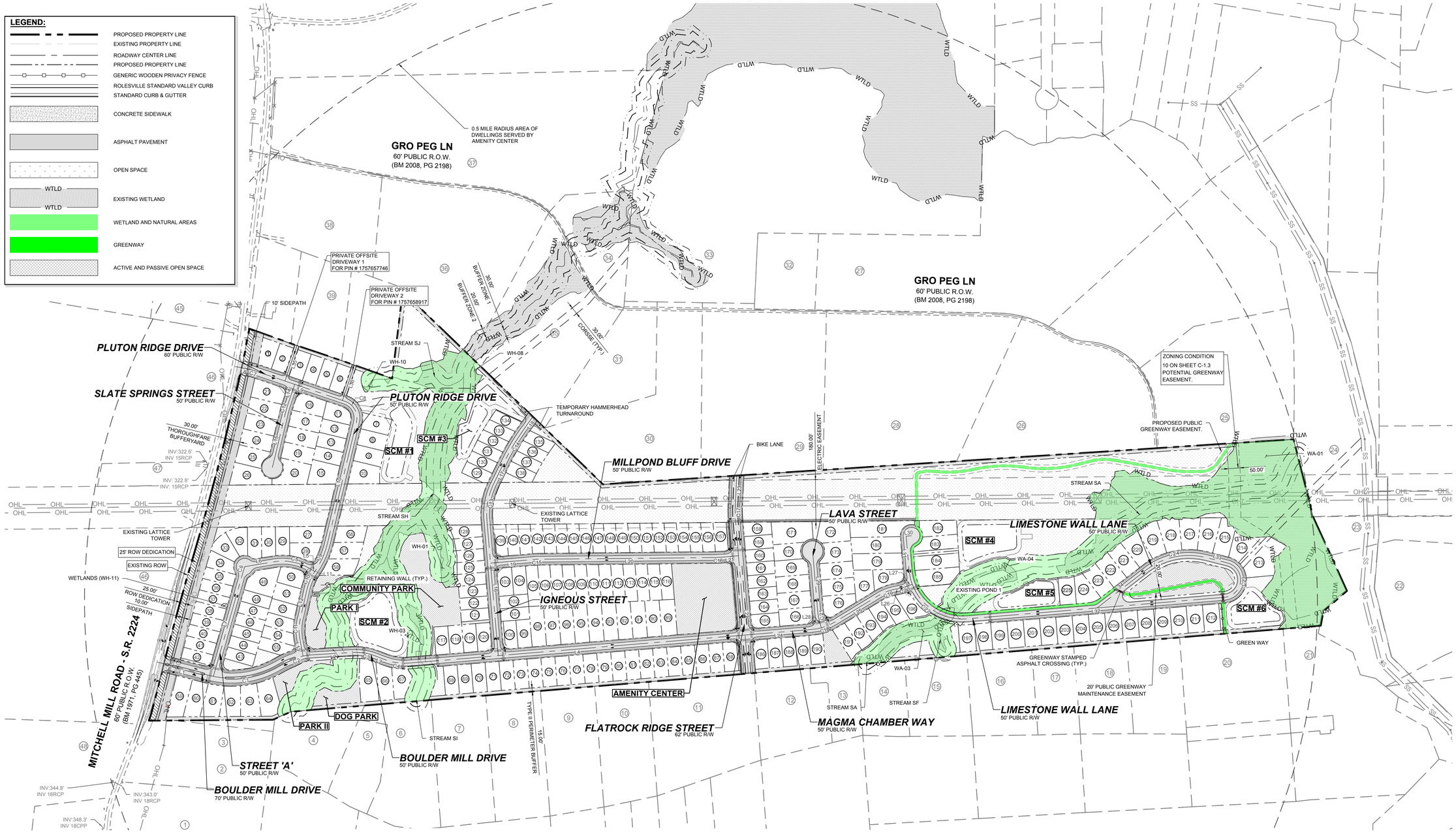
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PASSIVE & ACTIVE OPEN SPACE REQUIREMENTS

DRAWING SHEET
C-5.1

PROGRESS PLOT DATE: 04/29/2025

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
- EXISTING WETLAND (WTLD)
- WETLAND AND NATURAL AREAS
- GREENWAY
- ACTIVE AND PASSIVE OPEN SPACE



LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L1	BOULDER MILL DRIVE	227.78'	N14°23'07"E	10+00.00	12+27.78
L2	BOULDER MILL DRIVE	171.29'	N3°15'35"W	16+95.83	18+67.11
L3	BOULDER MILL DRIVE	46.26'	N20°52'47"E	19+64.02	20+10.27
L4	BOULDER MILL DRIVE	1444.35'	N4°46'37"W	21+13.27	35+57.62
L5	STREET 'A'	10.69'	S33°58'07"W	10+00.00	10+10.69
L6	STREET 'A'	126.65'	S9°19'03"E	11+84.45	13+11.10
L7	STREET 'A'	461.23'	S74°09'09"E	13+38.94	18+00.17
L8	PLUTON RIDGE DRIVE	60.45'	N11°02'59"E	10+00.00	10+60.45
L9	PLUTON RIDGE DRIVE	405.93'	N18°40'39"E	10+91.07	14+97.00
L10	PLUTON RIDGE DRIVE	535.12'	S76°33'51"E	16+07.95	21+43.06
L11	PLUTON RIDGE DRIVE	3.56'	S55°36'17"E	22+71.10	22+74.66
L12	PLUTON RIDGE DRIVE	125.48'	S77°12'49"E	23+61.41	24+86.88
L13	PLUTON RIDGE DRIVE	67.55'	N78°55'32"E	25+82.67	26+50.22
L14	SLATE SPRINGS STREET	87.99'	S71°19'21"E	10+00.00	10+87.99

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L15	SLATE SPRINGS STREET	236.45'	S76°33'51"E	11+33.73	13+70.18
L16	IGNEOUS STREET	582.32'	S85°13'23"W	10+00.00	15+82.32
L17	IGNEOUS STREET	102.30'	N63°56'33"W	17+43.78	18+46.07
L18	IGNEOUS STREET	62.35'	N54°20'54"W	20+13.53	20+75.88
L19	MILLPOND BLUFF DRIVE	180.09'	N4°46'37"W	10+00.00	11+80.09
L20	MILLPOND BLUFF DRIVE	745.99'	N0°32'49"W	12+17.01	19+62.99
L21	MILLPOND BLUFF DRIVE	76.59'	N4°46'37"W	19+86.62	20+63.21
L22	FLATROCK RIDGE STREET	655.17'	S85°13'23"W	10+00.00	16+55.17
L23	FLATROCK RIDGE STREET	121.47'	N87°11'53"W	17+27.93	18+49.40
L24	MAGMA CHAMBER WAY	286.51'	N4°46'37"W	10+00.00	12+86.51
L25	MAGMA CHAMBER WAY	215.68'	N31°18'13"W	13+90.41	16+06.08
L26	MAGMA CHAMBER WAY	0.32'	N9°08'16"W	16+95.06	16+95.38
L27	MAGMA CHAMBER WAY	21.20'	N20°41'33"W	17+41.77	17+62.97
L28	LAVA STREET	32.86'	S74°56'32"W	10+00.00	10+32.86

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L29	LAVA STREET	256.67'	S85°13'23"W	10+74.14	13+30.80
L30	LIMESTONE WALL LANE	23.00'	S4°46'37"E	10+00.00	10+23.00
L31	LIMESTONE WALL LANE	144.55'	N85°13'23"E	10+23.00	11+67.55
L32	LIMESTONE WALL LANE	1106.79'	N4°46'37"W	15+28.83	26+35.62
L33	LIMESTONE WALL LANE	94.19'	S14°07'11"W	28+46.51	29+40.69
L34	LIMESTONE WALL LANE	265.67'	S37°42'28"E	32+12.06	34+77.73
L35	PRIVATE OFF-SITE DRIVEWAY 1	160.00'	N71°19'21"W	10+00.00	11+60.00
L36	PRIVATE OFF-SITE DRIVEWAY 2	159.13'	N71°19'21"W	10+00.00	11+59.13

CURVE TABLE							
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C1	BOULDER MILL DRIVE	400.00'	314.82'	306.76'	N8°08'49"W	12+27.78	15+42.60
C2	BOULDER MILL DRIVE	320.00'	153.22'	151.76'	N16°58'37"W	15+42.60	16+95.82
C3	BOULDER MILL DRIVE	230.00'	96.90'	96.19'	N8°48'36"E	18+67.11	19+64.01
C4	BOULDER MILL DRIVE	230.00'	102.99'	102.13'	N8°03'05"E	20+10.27	21+13.26
C5	STREET 'A'	230.00'	173.76'	169.66'	S12°19'32"W	10+10.69	11+84.45
C6	STREET 'A'	500.00'	27.84'	27.84'	S72°33'26"E	13+11.10	13+38.94
C7	PLUTON RIDGE DRIVE	230.00'	30.62'	30.60'	N14°51'49"E	10+60.45	10+91.07
C8	PLUTON RIDGE DRIVE	75.00'	110.95'	101.11'	N61°03'24"E	14+97.00	16+07.95
C9	PLUTON RIDGE DRIVE	350.00'	128.03'	127.32'	S66°05'04"E	21+43.06	22+71.09
C10	PLUTON RIDGE DRIVE	230.00'	86.74'	86.23'	S66°24'33"E	22+74.66	23+61.40
C11	PLUTON RIDGE DRIVE	230.00'	95.78'	95.09'	S89°08'38"E	24+86.88	25+82.67
C12	SLATE SPRINGS STREET	500.00'	45.74'	45.72'	S73°56'36"E	10+87.99	11+33.73
C13	IGNEOUS STREET	300.00'	161.45'	159.51'	N79°21'35"W	15+82.32	17+43.77
C14	IGNEOUS STREET	1000.00'	167.45'	167.26'	N59°08'44"W	18+46.07	20+13.52

CURVE TABLE							
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C15	MILLPOND BLUFF DRIVE	500.00'	36.91'	36.91'	N2°39'43"W	11+80.09	12+17.00
C16	MILLPOND BLUFF DRIVE	320.00'	23.62'	23.62'	N2°39'43"W	19+62.99	19+86.62
C17	FLATROCK RIDGE STREET	550.00'	72.75'	72.70'	S89°00'45"W	16+55.17	17+27.92
C18	MAGMA CHAMBER WAY	230.00'	103.89'	103.01'	N17°43'03"W	12+86.51	13+90.40
C19	MAGMA CHAMBER WAY	230.00'	88.98'	88.43'	N20°13'14"W	16+06.08	16+95.06
C20	MAGMA CHAMBER WAY	230.00'	46.38'	46.31'	N14°54'54"W	16+95.38	17+41.77
C21	LAVA STREET	230.00'	41.27'	41.22'	S80°04'57"W	10+32.86	10+74.13
C22	LIMESTONE WALL LANE	230.00'	361.28'	325.27'	N40°13'23"E	11+67.55	15+28.83
C23	LIMESTONE WALL LANE	75.00'	210.88'	147.97'	N85°19'43"W	26+35.62	28+46.50
C24	LIMESTONE WALL LANE	300.00'	271.37'	262.21'	S11°47'39"E	29+40.69	32+12.06

LOT SIZE MINIMUMS	LOT
A: 51' x 118'	75
B: 60' x 117'	68
C: 70' x 115'	82
TOTAL	225

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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

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SEAL:

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

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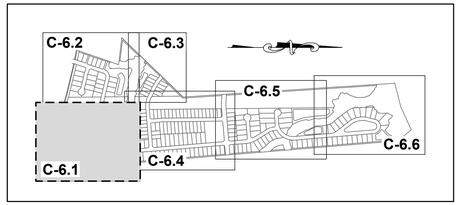
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

OVERALL SITE PLAN

DRAWING SHEET
C-6.0

20 OF 72

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

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

MATCH LINE
FOR CONTINUATION, SEE C-6.2

MATCH LINE
FOR CONTINUATION, SEE C-6.4

PLUTON RIDGE DRIVE
50' PUBLIC R/W

STREET 'A'
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W
(BM 1971, PG 446)

MANLY FARM RD

180' ELECTRIC EASEMENT

20' PUBLIC DRAINAGE EASEMENT

WETLANDS (WH-11)

WH-01

WH-03

SCM MAINTENANCE EASEMENT

20' BUFFER ZONE 2

30' BUFFER ZONE 1

STREAM SH

STREAM SI

SCM #2
33,279 SF
0.76 AC

COMMUNITY PARK
53,663 SF
1.23 AC

PARK I
21,285 SF
0.49 AC

PARK II
12,937 SF
0.30 AC

DOG PARK
14,086 SF
0.32 AC

RETAINING WALL (TYP.)

FENCE (TYP.)

20' DRAINAGE & ACCESS EASEMENT

25'x25' SIGHT TRIANGLE (TYP.)

5.00' SIDEWALK (TYP.)

10.00' SIDEPATH

30.00' THOROUGHFARE BUFFERYARD

25' ROW DEDICATION

EXISTING ROW

TYPE II PERIMETER BUFFER 15.00'

POWER POLE TO BE RELOCATED BY POWER COMPANY.

TEMPORARY CONSTRUCTION EASEMENT

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

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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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SEAL:

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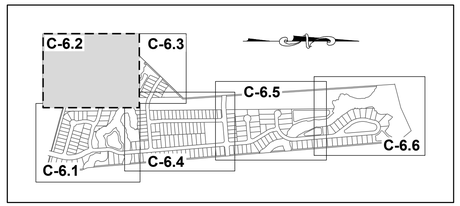
STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
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	DRAWN BY	SRG	
	CHECKED BY	SRG	

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

PARTIAL SITE PLAN I

DRAWING SHEET
C-6.1

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

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

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC) USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC) USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

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

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

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

PLUTON RIDGE DRIVE
60' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

10' SIDEPATH

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757557746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

20.00' PRIVATE DRIVEWAY ACCESS EASEMENT

20' PUBLIC DRAINAGE EASEMENT

25'x25' SIGHT TRIANGLE (TYP.)

15.00' TYPE II PERIMETER BUFFER

BM 2017 PG 218

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

WH-10

WH-08

STREAM SJ

STREAM SH

WTLD

SCM #1
20,716 SF
0.48 AC

SCM MAINTENANCE EASEMENT

20.00' DRAINAGE & ACCESS EASEMENT

RETAINING WALL (TYP.)

180' ELECTRIC EASEMENT

EXISTING LATTICE TOWER, POWER COMPANY TO PROVIDE NECESSARY SAFETY MEASURES

25.00' ROW DEDICATION

10.00' SIDEPATH

30.00' THOROUGHFARE BUFFERYARD

25' ROW DEDICATION

SIDEWALK (TYP.)

MATCH LINE
FOR CONTINUATION, SEE C-6.3

MATCH LINE
FOR CONTINUATION, SEE C-6.1

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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STRONG ROCK PROJECT		
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SCALE	AS SHOWN	
DESIGNED BY	SRG	
DRAWN BY	SRG	
CHECKED BY	SRG	

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

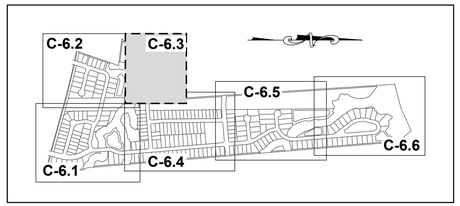
PARTIAL SITE PLAN II

DRAWING SHEET

C-6.2

22 OF 72

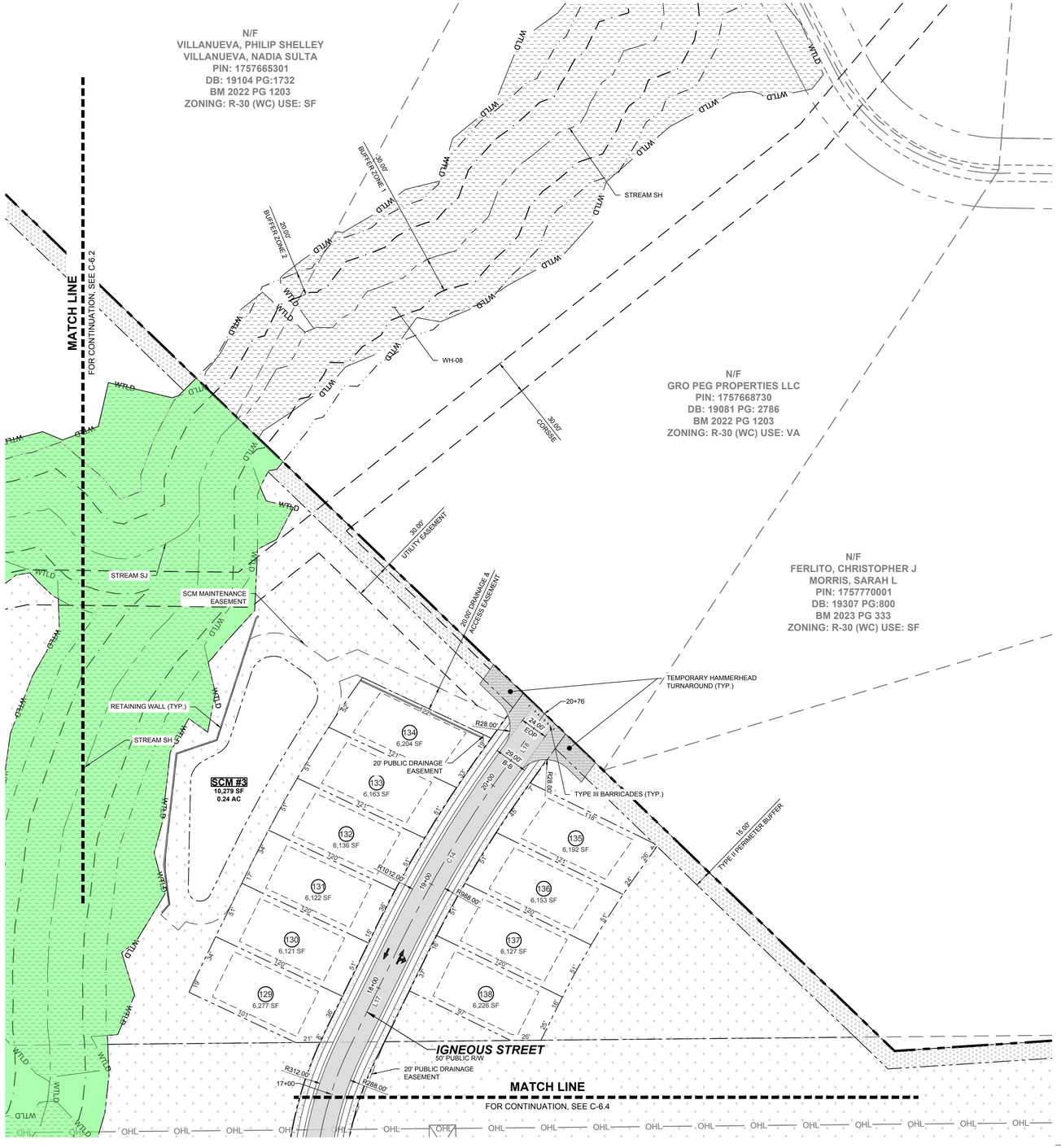
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SITE KEY PLAN

LEGEND:

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



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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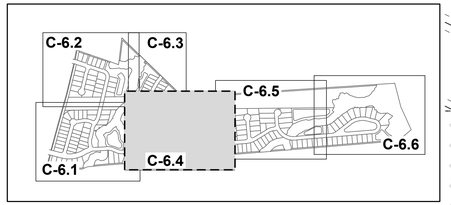
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

PARTIAL SITE PLAN III

DRAWING SHEET

C-6.3

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

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

MATCH LINE
FOR CONTINUATION, SEE C-6.3

MATCH LINE
FOR CONTINUATION, SEE C-6.1

MATCH LINE
FOR CONTINUATION, SEE C-6.5

IGNEOUS STREET
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

COMMUNITY PARK
53,663 SF
1.23 AC

AMENITY CENTER
76,201 SF
1.75 AC

20' PUBLIC DRAINAGE EASEMENT

EXISTING LATTICE TOWER

180.00' ELECTRIC EASEMENT

20.00' PRIVATE DRAINAGE EASEMENT

DISTANCE FROM TOWER TO SIDEWALK
72.64'

DISTANCE FROM TOWER TO BACK OF CURB
82.68'

DISTANCE FROM TOWER TO BACK OF CURB = 59'

DISTANCE FROM TOWER TO SIDEWALK = 49'

DISTANCE FROM TOWER TO BACK OF CURB = 58'

DISTANCE FROM TOWER TO SIDEWALK = 48'

10 FT. HOA PRIVATE MULTI-USE PATH

10' HOA AREA

25'x25' SIGHT TRIANGLE (TYP.)

SIDEWALK (TYP.)

RETAINING WALL (TYP.)

STREAM SI

BUFFER ZONE 2

BUFFER ZONE 1

WH-01

WH-03

WTLD

TYPE III BARRICADES (TYP.)

BIKE LANE

TYPE II PERIMETER BUFFER 15.00'

N/F
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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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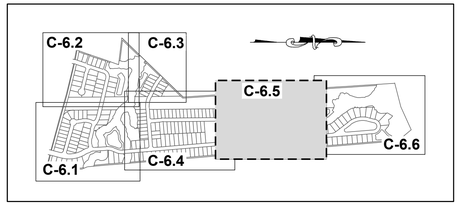
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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

PARTIAL SITE PLAN IV

DRAWING SHEET
C-6.4

24 OF 72



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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

15.00' TYPE II PERIMETER BUFFER

30.00' GREENWAY EASEMENT (TYP.)

PROPOSED PUBLIC GREENWAY EASEMENT

GREENWAY (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

ELECTRIC EASEMENT 180.0'

DISTANCE FROM TOWER TO BACK OF CURB = 59'

DISTANCE FROM TOWER TO SIDEWALK = 49'

DISTANCE FROM TOWER TO SIDEWALK = 48'

DISTANCE FROM TOWER TO BACK OF CURB = 58'

46' DISTANCE FROM TOWER TO PUBLIC GREENWAY

10 FT. HOA PRIVATE MULTI-USE PATH

20' PRIVATE DRAINAGE EASEMENT

10' HOA AREA

FLATROCK RIDGE STREET
62' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

AMENITY CENTER
76,201 SF
1.75 AC

SCM #4
29,545 SF
0.68 AC

SCM #5
18,300 SF
0.42 AC

SCM MAINTENANCE EASEMENT

20' PUBLIC DRAINAGE EASEMENT

20.00' DRAINAGE & ACCESS EASEMENT

RETAINING WALL (TYP.)

STREAM SA

STREAM SF

WA-04

WA-03

EXISTING POND 1

WTLD

BUFFER ZONE 1 30.0'

BUFFER ZONE 2 20.0'

TYPE III BARRICADES (TYP.)

MATCH LINE
FOR CONTINUATION, SEE C-6.4

MATCH LINE
FOR CONTINUATION, SEE C-6.6

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

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DRAWN BY	SRG
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

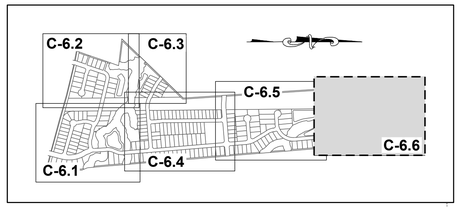
PARTIAL SITE PLAN V

DRAWING SHEET

C-6.5

25 OF 72

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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

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

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

TYPE B PERIMETER BUFFER 15.00'

30.00' GREENWAY EASEMENT (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

PROPOSED PUBLIC GREENWAY EASEMENT.

50.00'

WA-01

MATCH LINE
FOR CONTINUATION, SEE C-6.5

STREAM SA

BUFFER ZONE 2

BUFFER ZONE 1

LIMESTONE WALL LANE
50' PUBLIC R/W

5.00' SIDEWALK (TYP.)

20' PUBLIC DRAINAGE EASEMENT

20' PUBLIC GREENWAY MAINTENANCE EASEMENT (TYP.)

GREENWAY STAMPED ASPHALT CROSSING

SCM MAINTENANCE EASEMENT

SCM #5
18,300 SF
0.42 AC

SCM #6
18,199 SF
0.42 AC

RETAINING WALL (TYP.)

GREENWAY (TYP.)

30.00' CORRESPONDENCE

40' EX. SANITARY SEWER EASEMENT

180.0' ELECTRIC EASEMENT

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

EX. MH-31
STA: 25+39.42
RIM=252.21
INV IN=242.08 (MH-32)
INV OUT=242.08 (MH-30)

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

N/F
JONES PROPERTIES LLC
PIN: 17558805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) 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, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
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

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

PARTIAL SITE PLAN VI

DRAWING SHEET

C-6.6

26 OF 72

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LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
1	7,971	60
2	7,147	62
3	7,200	60
4	7,200	60
5	7,200	60
6	7,182	60
7	8,485	70
8	8,400	70
9	8,400	70
10	10,952	98
11	8,103	60
12	7,200	60
13	7,200	60
14	7,200	60
15	11,361	85
16	9,908	81
17	9,446	70
18	9,450	70
19	9,450	70
20	12,802	148

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
21	10,517	72
22	9,499	70
23	9,458	70
24	9,465	70
25	9,577	83
26	12,283	110
27	10,225	72
28	8,580	87
29	7,388	60
30	7,702	61
31	7,973	64
32	7,970	45
33	7,937	44
34	7,295	58
35	6,823	51
36	6,841	51
37	6,841	51
38	6,829	51
39	6,804	51
40	6,768	51

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
41	6,784	52
42	6,987	54
43	6,375	51
44	6,375	51
45	6,375	51
46	6,375	51
47	6,375	51
48	6,375	51
49	13,110	107
50	8,054	75
51	8,058	73
52	7,062	62
53	7,083	60
54	7,058	55
55	7,058	80
56	9,017	72
57	9,117	73
58	9,714	80
59	12,164	70
60	10,869	70

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
61	10,304	70
62	10,471	73
63	10,770	74
64	11,896	76
65	13,533	75
66	9,775	71
67	8,732	80
68	7,500	60
69	7,500	60
70	7,500	60
71	7,500	60
72	7,500	60
73	7,500	60
74	7,500	60
75	7,500	60
76	7,500	60
77	7,500	60
78	7,500	60
79	7,500	60
80	7,500	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
81	7,500	60
82	7,500	60
83	7,500	60
84	7,500	60
85	7,500	60
86	7,500	60
87	7,500	60
88	7,470	60
89	10,138	66
90	9,659	62
91	9,790	62
92	9,921	62
93	10,052	62
94	10,183	62
95	10,314	62
96	10,446	62
97	10,577	62
98	10,708	62
99	7,200	60
100	7,426	63

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
101	6,613	54
102	6,642	54
103	7,452	63
104	7,201	60
105	9,092	52
106	9,077	52
107	8,970	52
108	8,863	52
109	8,755	52
110	8,647	52
111	8,539	52
112	8,431	52
113	8,324	52
114	8,216	52
115	8,108	52
116	8,000	52
117	7,200	60
118	7,200	60
119	7,200	60
120	7,066	59

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
121	6,120	51
122	6,120	51
123	6,127	51
124	7,066	51
125	6,830	51
126	6,376	51
127	6,501	51
128	8,111	51
129	6,277	53
130	6,121	51
131	6,122	51
132	6,136	51
133	6,163	51
134	6,204	52
135	6,192	52
136	6,153	51
137	6,127	51
138	6,226	53
139	7,223	54
140	6,881	52

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
141	6,681	52
142	6,530	52
143	6,518	52
144	6,518	52
145	6,518	52
146	6,518	52
147	6,518	52
148	6,518	52
149	6,518	52
150	6,518	52
151	6,518	52
152	6,518	52
153	6,518	52
154	6,518	52
155	6,518	52
156	6,643	52
157	6,930	56
158	6,904	60
159	6,960	58
160	6,600	55

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
161	6,600	55
162	6,600	55
163	6,600	55
164	6,960	58
165	6,962	59
166	10,016	70
167	9,940	70
168	9,940	70
169	9,589	76
170	8,384	73
171	15,665	76
172	13,910	74
173	10,732	96
174	9,940	70
175	9,940	70
176	9,993	92
177	9,489	92
178	8,774	56
179	14,881	70
180	14,881	70

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
181	16,381	89
182	10,197	90
183	12,207	89
184	13,438	70
185	12,282	72
186	7,500	61
187	7,500	60
188	7,500	60
189	7,500	60
190	7,562	60
191	8,930	60
192	8,420	60
193	7,701	60
194	7,529	63
195	7,604	64
196	7,978	62
197	8,094	70
198	8,050	70
199	8,050	70
200	8,050	70

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
201	8,050	70
202	8,050	70
203	8,050	70
204	8,050	70
205	8,050	70
206	8,050	70
207	8,050	70
208	8,050	70
209	8,050	70
210	8,050	70
211	8,050	70
212	8,050	70
213	19,443	80
214	10,866	70
215	9,886	70
216	11,312	70
217	10,655	70
218	11,200	70
219	11,455	70
220	10,297	70

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
221	9,334	70
222	9,268	70
223	9,118	70
224	9,393	99
225	8,383	70

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

LOT SIZE TABLES

DRAWING SHEET

C-6.7

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PROGRESS PLOT DATE: 04/29/2025

CONNECT TO PROPOSED WATER LINE CONSTRUCTED BY OTHERS

PROPOSED WATER LINE TO BE CONSTRUCTED BY OTHERS

JONESVILLE ROAD
100' ROW

0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER

8" DIP W/L

CONNECT TO PROPOSED SEWER CONSTRUCTED BY OTHERS

CONSTRUCTED BY OTHERS

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

PLUTON RIDGE DRIVE
50' PUBLIC R/W

INV:312.1'
INV 15RCP

PLUTON RIDGE DRIVE
60' PUBLIC R/W

PRIVATE OFFSITE DRIVEWAY 1
FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2
FOR PIN # 1757658917

30.00' BUFFER ZONE 1

20.00' BUFFER ZONE 2

30.00' CORRSE (TYP.)

WH-10
STREAM SJ

WH-08

SLATE SPRINGS STREET
50' PUBLIC R/W

EXISTING LATTICE TOWER

INV:322.6'
INV 15RCP

INV: 322.8'
INV: 15RCP

SCM #1

SCM #3

IGNEOUS STREET
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

BIKE LANE

EXISTING LATTICE TOWER

180.00' ELECTRIC EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT.

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

CONNECT TO EXISTING SEWER

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

WA-01

STREAM SA

STREAM SH

MILL POND BLUFF DRIVE
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

SCM #4

WA-04

EXISTING POND 1

SCM #5

SCM #6

STREET 'A'
50' PUBLIC R/W

WETLANDS (WH-11)

WH-01

STREAM SH

PARK I

SCM #2

WH-03

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W.
(BM 1971, PG 445)

AMENITY CENTER

STREAM SA

WA-03

STREAM SF

MAGMA CHAMBER WAY
50' PUBLIC R/W

GREENWAY

RETAINING WALL (TYP.)

LIMESTONE WALL LANE
50' PUBLIC R/W

PARK II

DOG PARK

COMMUNITY PARK

BOULDER MILL DRIVE
50' PUBLIC R/W

STREAM SI

BOULDER MILL DRIVE
70' PUBLIC R/W

TEMPORARY CONSTRUCTION EASEMENT

MANLY FARM RD

INV:343.0'
INV 18RCP

INV:348.3'
INV 18CPP

INV:348.6'
INV 15RCP

INV:350.9'
INV 15RCP

INV:351.1'
INV 15RCP

INV:349.2'
INV 15RCP

INV:350.3'
INV 15RCP

SIGN

SIGN

SIGN

INV:363.0'
INV 24"CMP

INV:363.7'
INV 24"CMP

INV:363.8'
INV 18"RCP

SIGN

INV:365.7'
INV 18" RCP

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

- EXISTING FENCE
- STORM DRAIN LINE
- FLARED END SECTION
- YARD INLET
- CATCH BASIN
- STORM DRAINAGE MANHOLE
- W — WATER LINE
- SS — SANITARY SEWER LINE
- WATER METER / SERVICE
- SANITARY CLEANOUT / SERVICE
- FIRE HYDRANT ASSEMBLY
- GATE VALVE
- TEE
- CROSS
- BLOW OFF VALVE
- SANITARY MANHOLE

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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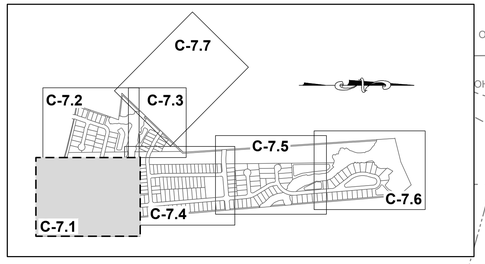
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

OVERALL UTILITY PLAN

DRAWING SHEET
C-7.0

28 OF 72

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

MATCH LINE
FOR CONTINUATION, SEE C-7.2

MATCH LINE
FOR CONTINUATION, SEE C-7.4

STREET 'A'
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W.
(BM 1971, PG 445)

PARK I

PARK II

SCM #2

COMMUNITY PARK

DOG PARK

ELECTRIC EASEMENT

4" SANITARY SEWER C/O & SERVICE (TYP.)

3/4" WATER METER & SERVICE (TYP.)

FHA W/T 5'X5' CORWLE

8"x8" TEE W / (3) 8" GV

FHA W/T 5'X5' CORWLE

12"x12" TEE W / (3) 12" GV

12"x8" TEE W / (2) 12" GV (1) 8" GV

12"x8" TEE W / (2) 12" GV (1) 8" GV

FHA W/T 5'X5' CORWLE

FHA W/T 5'X5' CORWLE

FHA W/T 5'X5' CORWLE

12"x8" TEE W / (2) 12" GV (1) 8" GV

8" DIP W/L

8" DIP W/L

12" DIP W/L

12" DIP W/L

12" DIP W/L

8" 11.25° BEND

12" 11.25° BEND

STREAM SH

STREAM SI

WETLANDS (WH-11)

WH-01

WH-03

WTLD

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

25.00' ROW DEDICATION

10.00' SIDEPATH

30.00' THOROUGHFARE BUFFERYARD

10' SIDEPATH

12" BLOW OFF ASSEMBLY

POWER POLE TO BE RELOCATED BY POWER COMPANY.

TEMPORARY CONSTRUCTION EASEMENT

15.00' TYPE II PERIMETER BUFFER

SSMH #08 SSMH #09 SSMH #10 SSMH #11 SSMH #12 SSMH #13 SSMH #14 SSMH #15 SSMH #17 SSMH #18 SSMH #19 SSMH #20 SSMH #21 SSMH #22 SSMH #23 SSMH #24 SSMH #25 SSMH #26 SSMH #27 SSMH #28

P #06 P #07 P #08 P #09 P #10 P #11 P #12 P #13 P #14 P #15 P #16 P #17 P #18 P #19 P #20 P #21 P #22 P #23 P #24 P #25 P #26 P #27 P #28

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

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

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SEAL:

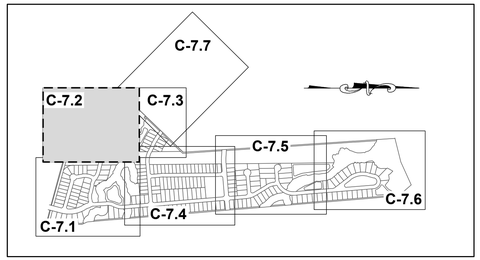
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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN I

DRAWING SHEET
C-7.1

29 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC)
USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC)
USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

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

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

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

PLUTON RIDGE DRIVE
60' PUBLIC R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

PRIVATE OFFSITE DRIVEWAY 1
FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2
FOR PIN # 1757658917

15.00' TYPE I PERIMETER BUFFER

BM 2017 PG 218

MATCH LINE
FOR CONTINUATION, SEE C-7.3

MATCH LINE
FOR CONTINUATION, SEE C-7.1

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

30.00' CVASSE

STREAM SJ

SCM #1

SCM MAINTENANCE EASEMENT

20.00' DRAINAGE & ACCESS EASEMENT

ELECTRIC EASEMENT

25.00' ROW DEDICATION

10.00' SIDEPATH

30.00' THOROUGHFARE BUFFERYARD

EXISTING LATTICE TOWER, POWER COMPANY TO PROVIDE NECESSARY SAFETY MEASURES

12"x8" TEE
W / (2) 12" GV
(1) 8" GV

8" DIP W/L

8" 11.25° BEND

8"x8" TEE
W / (3) 8" GV

FHA W/T
5'X5' CORWLE

4" SANITARY SEWER C/O & SERVICE (TYP.)

3/4" WATER METER & SERVICE (TYP.)

8" BLOW OFF ASSEMBLY

INV:312.1'
INV 15RCP

INV:322.6'
INV 15RCP

INV: 322.8'
INV: 15RCP

SSMH #01
SSMH #02
SSMH #03
SSMH #04
SSMH #05
SSMH #29
SSMH #30
SSMH #31
SSMH #32
SSMH #33

P #01
P #02
P #03
P #04
P #05
P #28
P #29
P #30
P #31
P #32
P #33

WH-10
WH-08

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DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

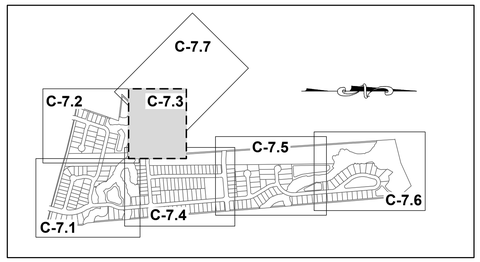
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

PARTIAL UTILITY PLAN II

DRAWING SHEET
C-7.2

30 OF 72

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SITE KEY PLAN

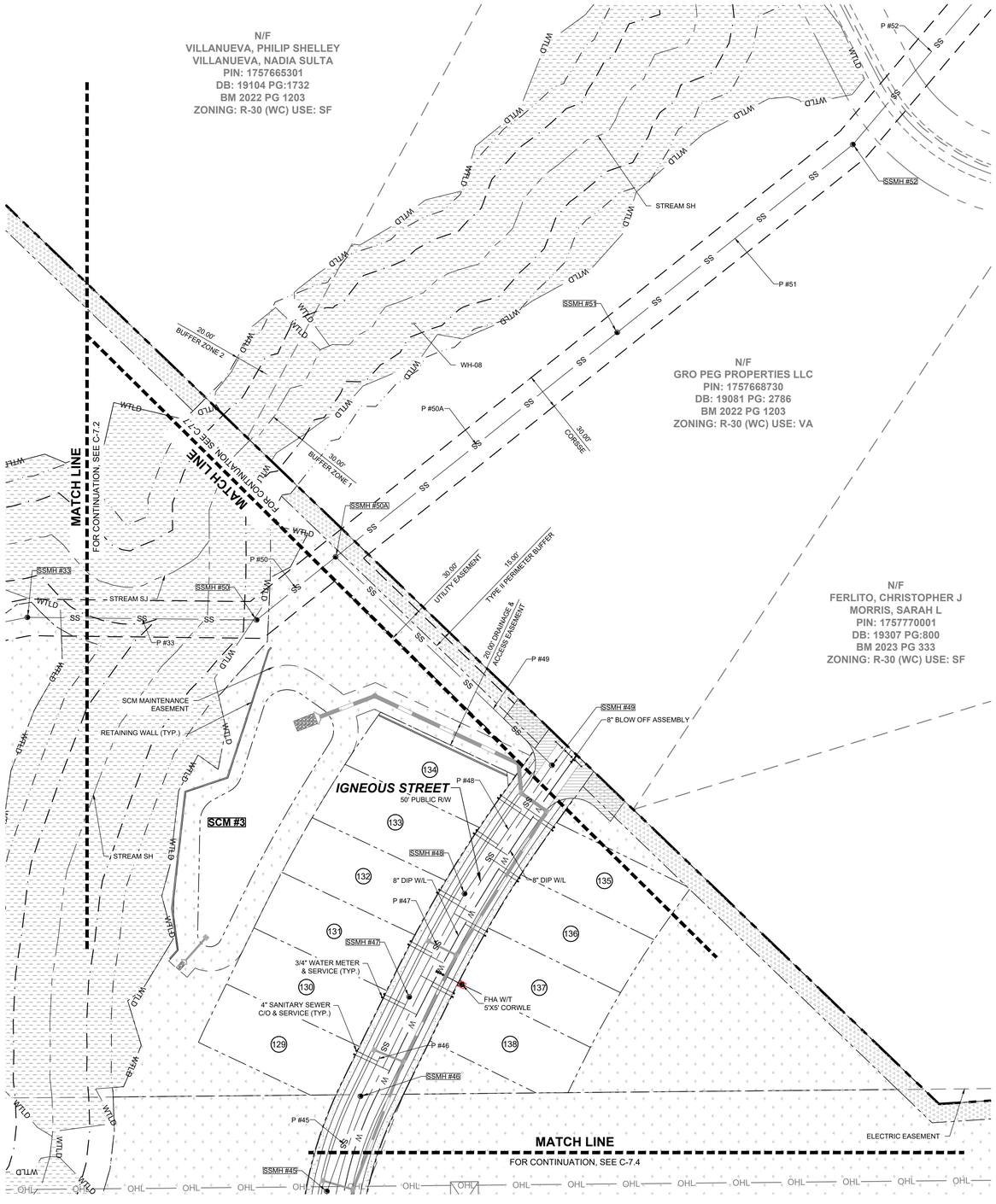
LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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

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

PARTIAL UTILITY PLAN III

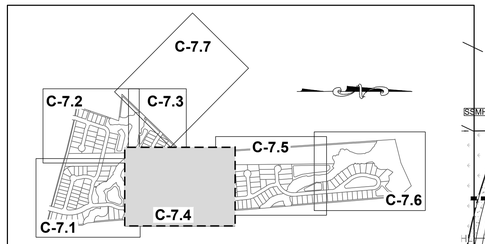
DRAWING SHEET

C-7.3

31 OF 72

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PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

MATCH LINE
FOR CONTINUATION, SEE C-7.3

MATCH LINE
FOR CONTINUATION, SEE C-7.1

MATCH LINE
FOR CONTINUATION, SEE C-7.5

EXISTING LATTICE TOWER

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

IGNEOUS STREET
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

COMMUNITY PARK

AMENITY CENTER

8" BLOW OFF ASSEMBLY

8" DIP W/L

SSMH #46 · SSMH #45 · SSMH #44 · SSMH #43 · SSMH #42 · SSMH #41 · SSMH #40 · SSMH #39 · SSMH #38 · SSMH #37 · SSMH #36 · SSMH #35 · SSMH #34 · SSMH #33 · SSMH #18 · SSMH #17

P #46 · P #45 · P #44 · P #43 · P #42 · P #41 · P #40 · P #39 · P #38 · P #37 · P #36 · P #35 · P #34 · P #59 · P #58 · P #17 · P #16

FHA W/T 5'X5' CORWLE

8"x8" TEE W / (3) 8" GV

12"x8" TEE W / (2) 12" GV (1) 8" GV

12"x8" CROSS W / (2) 12" GV (2) 8" GV

12" DIP W/L

WH-01 · WH-03

20.00' BUFFER ZONE 2

30.00' BUFFER ZONE 1

RETAINING WALL (TYP.)

4" SANITARY SEWER C/O & SERVICE (TYP.)

3/4" WATER METER & SERVICE (TYP.)

15.00' TYPE II PERIMETER BUFFER

N/F
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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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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

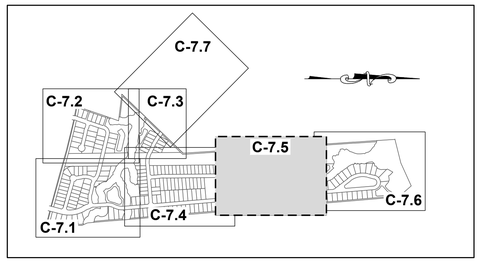
STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
	SCALE	AS SHOWN	
	DESIGNED BY	SRG	
	DRAWN BY	SRG	
	CHECKED BY	SRG	

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

PARTIAL UTILITY PLAN IV

DRAWING SHEET
C-7.4

32 OF 72



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

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

15.0' TYPE II PERIMETER BUFFER

P4: GREENWAY AND NATURAL AREA

10.00' PUBLIC GREENWAY (TYP.)

30.00' PROPOSED PUBLIC GREENWAY EASEMENT

ELECTRIC EASEMENT 180.0'

MATCH LINE
FOR CONTINUATION, SEE C-7.6

SCM MAINTENANCE EASEMENT

SCM #4

SCM #5

20.00' DRAINAGE & ACCESS EASEMENT

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

STREAM SA

STREAM SF

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MATCH LINE
FOR CONTINUATION, SEE C-7.4

AMENITY CENTER

8" BLOW OFF ASSEMBLY
SSMH #37
8" DIP W/L
P #37
P #39
SSMH #39
8"x8" TEE W / (3) 8" GV
FHA W/T 5'X5' CORWLE
8" DIP W/L
P #38
8" DIP W/L
8" DIP W/L
SSMH #38
P #58
SSMH #60
P #59
12"x8" CROSS W / (2) 12" GV (2) 8" GV
8" DIP W/L
8" BLOW OFF ASSEMBLY
SSMH #62
8" BLOW OFF ASSEMBLY
P #61
8" DIP W/L
SSMH #63
FHA W/T 5'X5' CORWLE
8" 11.25° BEND
P #62
P #60
12" DIP W/L
SSMH #61
P #63
12"x8" TEE W / (2) 12" GV (1) 8" GV
SSMH #64
12" 11.25° BEND
12" 11.25° BEND
12" DIP W/L
RETAINING WALL (TYP.)
SSMH #67
4" SANITARY SEWER C/O & SERVICE (TYP.)
3/4" WATER METER & SERVICE (TYP.)
8" BLOW OFF ASSEMBLY
P #66
SSMH #68
8" 11.25° BEND
P #67
SSMH #69
8"x12" TEE W / (2) 8" GV (1) 12" GV
8" 11.25° BEND
P #65
P #68
SSMH #70
FHA W/T 5'X5' CORWLE
SSMH #66
P #64
P #69
P #70
P #71
SSMH #71
SSMH #72
P #72
SSMH #73
8" DIP W/L
FHA W/T 5'X5' CORWLE
SSMH #74
WA-03
30.0' BUFFER ZONE 1
20.0' BUFFER ZONE 2

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

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
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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STRONG ROCK PROJECT	
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DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

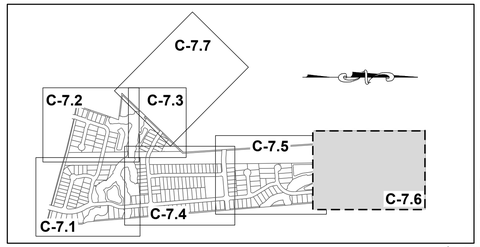
PARTIAL UTILITY PLAN V

DRAWING SHEET

C-7.5

33 OF 72

PROGRESS PLOT DATE: 04/29/2025



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

MATCH LINE
FOR CONTINUATION, SEE C-7.5

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
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) 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, CHARLES SPENCE
PIN: 1757893394
DB: 2478 PG: 210
ZONING: R-30 (WC) USE: MO

N/F
JONES, CHARLES SPENCE
PIN: 1757894101
DB: 2590 PG: 622
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

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

TYPE II PERIMETER BUFFER 15.00'

10.00' PUBLIC GREENWAY (TYP.)

30.00' PROPOSED PUBLIC GREENWAY EASEMENT

STREAM SA

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

3/4" WATER METER & SERVICE (TYP.)

FHA W/T 5'X5' CORWLE

4" SANITARY SEWER C/O & SERVICE (TYP.)

8" DIP W/L

8" 22.5° BEND

8" 45° BEND

8" 11.25° BEND

SSMH #81
SSMH #80
SSMH #82
SSMH #83
SSMH #84
SSMH #85
SSMH #86
SSMH #87
SSMH #88
SSMH #79
SSMH #78
SSMH #77
SSMH #76
SSMH #75
SSMH #74

P #72 P #73 P #74 P #75 P #76 P #77 P #78 P #79 P #80 P #81 P #82 P #83 P #84 P #85 P #86 P #87

MEDIUM 2: POVAL PARK

20' PULIC GREENWAY MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

SCM #5

SCM #6

10.00'PUBLIC GREENWAY (TYP.)

GREENWAY

SCM MAINTENANCE EASEMENT

LIMESTONE WALL LANE
50' PUBLIC R/W

8"x8" TEE W / (3) 8" GV

FHA

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

EX. MH-30
STA: 22+14.65
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

EX. MH-31
STA: 25+39.42
RIM=252.21
INV IN=242.08 (MH-32)
INV OUT=242.08 (MH-30)

40' EX. SANITARY SEWER EASEMENT

ELECTRIC EASEMENT 180.0'

30.00' CORRIDE

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	DRAWN BY	SRG	
	CHECKED BY	SRG	

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

PARTIAL UTILITY PLAN VI

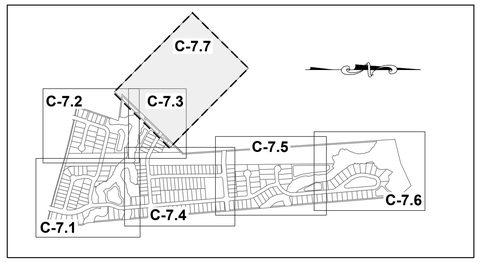
DRAWING SHEET

C-7.6

34 OF 72

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PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

N/F
VILLANUEVA, PHILIP SHELLEY
VILLANUEVA, NADIA SULTA
PIN: 1757665301
DB: 19104 PG:1732
BM 2022 PG 1203
ZONING: R-30 (WC) USE: SF

MATCH LINE
FOR CONTINUATION, SEE C-7.3

STREAM SH

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

30.00' CROSSE

P #50
SSMH #50A
P #50A
P #51
SSMH #51
30.00' UTILITY EASEMENT
30' SANITARY SEWER EASEMENT
SSMH #52
P #52
SSMH #53
P #53
SSMH #54
P #54
SSMH #55
P #55
SSMH #56
P #56
SSMH #57
P #57
SSMH #58
P #49
SSMH #49
P #48

IGNEOUS STREET
50' PUBLIC R/W
20+76
8" BLOW OFF ASSEMBLY
8" DIP W/L

N/F
GRO PEG PROPERTIES LLC
PIN: 1757664956
DB: 19081 PG: 2786
BM 1982 PG 581
ZONING: R-30 (WC) USE: VA

N/F
GRO PEG PROPERTIES LLC
PIN: 1757668730
DB: 19081 PG: 2786
BM 2022 PG 1203
ZONING: R-30 (WC) USE: VA

N/F
FERLITO, CHRISTOPHER J
MORRIS, SARAH L
PIN: 1757770001
DB: 19307 PG:800
BM 2023 PG 333
ZONING: R-30 (WC) USE: SF

GRO PEG LN
60' PUBLIC R.O.W.
(BM 2008, PG 2198)

N/F
HC ROLESVILLE
INVESTMENTS LLC
PIN: 1757571035
DB: 19587 PG: 1804
ZONING: R-30 (WC) USE: SF

CONSTRUCTED BY OTHERS

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN VII - OFF SITE

DRAWING SHEET
C-7.7

35 OF 67

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #01 BEGIN: SSMH #01 END: SSMH #04	PVC - SDR 26	8"	133	299.24	291.28	5.98%
P #02 BEGIN: SSMH #02 END: SSMH #03	PVC - SDR 26	8"	288	294.14	291.95	0.76%
P #03 BEGIN: SSMH #03 END: SSMH #04	PVC - SDR 26	8"	94	291.75	291.28	0.50%
P #04 BEGIN: SSMH #04 END: SSMH #05	PVC - SDR 26	8"	234	291.08	277.67	5.74%
P #05 BEGIN: SSMH #05 END: SSMH #32	DIP	8"	34	275.97	273.34	7.84%
P #06 BEGIN: SSMH #06 END: SSMH #07	PVC - SDR 26	8"	112	318.33	309.93	7.53%
P #07 BEGIN: SSMH #07 END: SSMH #08	PVC - SDR 26	8"	129	309.73	306.93	2.16%
P #08 BEGIN: SSMH #08 END: SSMH #09	PVC - SDR 26	8"	352	306.73	296.43	2.93%
P #09 BEGIN: SSMH #09 END: SSMH #10	PVC - SDR 26	8"	130	296.23	293.00	2.48%
P #10 BEGIN: SSMH #10 END: SSMH #11	PVC - SDR 26	8"	89	292.80	288.33	5.00%
P #11 BEGIN: SSMH #11 END: SSMH #12	PVC - SDR 26	8"	48	285.83	283.42	5.00%
P #12 BEGIN: SSMH #12 END: SSMH #26	PVC - SDR 26	8"	45	280.92	279.18	3.87%
P #13 BEGIN: SSMH #13 END: SSMH #14	PVC - SDR 26	8"	108	309.47	301.94	7.00%
P #14 BEGIN: SSMH #14 END: SSMH #15	PVC - SDR 26	8"	92	299.44	294.30	5.62%
P #15 BEGIN: SSMH #15 END: SSMH #22	PVC - SDR 26	8"	165	294.10	281.80	7.46%
P #16 BEGIN: SSMH #16 END: SSMH #17	PVC - SDR 26	8"	270	294.46	287.71	2.50%
P #17 BEGIN: SSMH #17 END: SSMH #18	PVC - SDR 26	8"	116	287.51	283.31	3.62%
P #18 BEGIN: SSMH #18 END: SSMH #19	PVC - SDR 26	8"	120	283.11	281.61	1.25%
P #19 BEGIN: SSMH #19 END: SSMH #20	PVC - SDR 26	8"	54	281.41	281.14	0.50%
P #20 BEGIN: SSMH #20 END: SSMH #21	PVC - SDR 26	8"	195	280.94	279.97	0.50%
P #21 BEGIN: SSMH #21 END: SSMH #22	PVC - SDR 26	8"	55	279.77	279.50	0.50%
P #22 BEGIN: SSMH #22 END: SSMH #23	PVC - SDR 26	8"	65	279.30	278.97	0.50%
P #23 BEGIN: SSMH #23 END: SSMH #24	PVC - SDR 26	8"	54	278.77	278.50	0.50%
P #24 BEGIN: SSMH #24 END: SSMH #25	PVC - SDR 26	8"	175	278.30	277.43	0.50%
P #25 BEGIN: SSMH #25 END: SSMH #26	PVC - SDR 26	8"	69	277.23	276.88	0.50%
P #26 BEGIN: SSMH #26 END: SSMH #27	PVC - SDR 26	8"	62	276.68	276.37	0.50%
P #27 BEGIN: SSMH #27 END: SSMH #28	DIP	8"	96	276.17	275.69	0.50%
P #28 BEGIN: SSMH #28 END: SSMH #29	DIP	8"	268	275.49	274.15	0.50%
P #29 BEGIN: SSMH #29 END: SSMH #30	DIP	8"	232	273.95	272.79	0.50%
P #30 BEGIN: SSMH #30 END: SSMH #31	DIP	8"	35	272.59	272.41	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #31 BEGIN: SSMH #31 END: SSMH #32	DIP	8"	33	272.21	272.05	0.50%
P #32 BEGIN: SSMH #32 END: SSMH #33	PVC - SDR 35	8"	339	271.85	260.94	3.22%
P #33 BEGIN: SSMH #33 END: SSMH #50	PVC - SDR 35	8"	188	260.74	256.13	2.46%
P #34 BEGIN: SSMH #34 END: SSMH #35	PVC - SDR 26	8"	399	347.33	328.64	4.69%
P #35 BEGIN: SSMH #35 END: SSMH #36	PVC - SDR 26	8"	398	328.44	306.62	5.49%
P #36 BEGIN: SSMH #36 END: SSMH #43	PVC - SDR 26	8"	398	304.12	285.51	4.68%
P #37 BEGIN: SSMH #37 END: SSMH #39	PVC - SDR 26	8"	109	321.69	321.15	0.50%
P #38 BEGIN: SSMH #38 END: SSMH #39	PVC - SDR 26	8"	289	336.87	321.39	5.35%
P #39 BEGIN: SSMH #39 END: SSMH #40	PVC - SDR 26	8"	156	320.95	320.16	0.50%
P #40 BEGIN: SSMH #40 END: SSMH #41	PVC - SDR 26	8"	346	319.96	318.23	0.50%
P #41 BEGIN: SSMH #41 END: SSMH #42	PVC - SDR 26	8"	337	318.03	300.49	5.21%
P #42 BEGIN: SSMH #42 END: SSMH #43	PVC - SDR 26	8"	223	298.49	285.51	5.81%
P #43 BEGIN: SSMH #43 END: SSMH #44	PVC - SDR 26	8"	179	285.31	283.82	0.83%
P #44 BEGIN: SSMH #44 END: SSMH #45	PVC - SDR 26	8"	82	283.62	283.21	0.50%
P #45 BEGIN: SSMH #45 END: SSMH #46	PVC - SDR 26	8"	82	283.01	282.60	0.50%
P #46 BEGIN: SSMH #46 END: SSMH #47	PVC - SDR 26	8"	91	282.40	281.94	0.50%
P #47 BEGIN: SSMH #47 END: SSMH #48	PVC - SDR 26	8"	96	281.74	281.26	0.50%
P #48 BEGIN: SSMH #48 END: SSMH #49	PVC - SDR 26	8"	127	281.06	279.00	1.62%
P #49 BEGIN: SSMH #49 END: SSMH #50A	PVC - SDR 26	8"	246	278.80	256.81	8.95%
P #50 BEGIN: SSMH #50 END: SSMH #50A	PVC - SDR 35	8"	83	255.93	255.51	0.50%
P #50A BEGIN: SSMH #50A END: SSMH #51	PVC - SDR 35	8"	295	255.31	253.84	0.50%
P #51 BEGIN: SSMH #51 END: SSMH #52	PVC - SDR 35	8"	246	253.64	252.41	0.50%
P #52 BEGIN: SSMH #52 END: SSMH #53	PVC - SDR 35	8"	273	252.21	242.28	3.64%
P #53 BEGIN: SSMH #53 END: SSMH #54	PVC - SDR 35	8"	193	242.08	240.65	0.74%
P #54 BEGIN: SSMH #54 END: SSMH #55	PVC - SDR 35	8"	167	240.45	239.61	0.50%
P #55 BEGIN: SSMH #55 END: SSMH #56	PVC - SDR 35	8"	206	239.41	238.38	0.50%
P #56 BEGIN: SSMH #56 END: SSMH #57	PVC - SDR 35	8"	69	238.18	237.84	0.50%
P #57 BEGIN: SSMH #57 END: SSMH #58	PVC - SDR 35	8"	86	237.64	237.20	0.51%
P #58 BEGIN: SSMH #59 END: SSMH #60	PVC - SDR 26	8"	172	348.70	339.50	5.34%
P #59 BEGIN: SSMH #60 END: SSMH #61	PVC - SDR 26	8"	267	337.00	324.41	4.71%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #60 BEGIN: SSMH #61 END: SSMH #64	PVC - SDR 26	8"	60	324.21	321.03	5.34%
P #61 BEGIN: SSMH #62 END: SSMH #63	PVC - SDR 26	8"	277	329.83	323.28	2.36%
P #62 BEGIN: SSMH #63 END: SSMH #64	PVC - SDR 26	8"	69	323.08	321.03	2.98%
P #63 BEGIN: SSMH #64 END: SSMH #65	PVC - SDR 26	8"	67	318.53	316.96	2.35%
P #64 BEGIN: SSMH #65 END: SSMH #66	PVC - SDR 26	8"	243	316.76	303.99	5.26%
P #65 BEGIN: SSMH #66 END: SSMH #69	PVC - SDR 26	8"	136	303.79	299.26	3.32%
P #66 BEGIN: SSMH #67 END: SSMH #68	PVC - SDR 26	8"	163	316.29	303.72	7.71%
P #67 BEGIN: SSMH #68 END: SSMH #69	PVC - SDR 26	8"	42	301.50	299.26	5.33%
P #68 BEGIN: SSMH #69 END: SSMH #70	PVC - SDR 26	8"	84	299.06	294.44	5.51%
P #69 BEGIN: SSMH #70 END: SSMH #71	PVC - SDR 26	8"	70	294.24	291.67	3.67%
P #70 BEGIN: SSMH #71 END: SSMH #72	PVC - SDR 26	8"	70	291.47	291.12	0.50%
P #71 BEGIN: SSMH #72 END: SSMH #73	PVC - SDR 26	8"	70	290.92	290.57	0.50%
P #72 BEGIN: SSMH #73 END: SSMH #74	PVC - SDR 26	8"	373	289.86	285.46	1.18%
P #73 BEGIN: SSMH #74 END: SSMH #75	PVC - SDR 26	8"	375	285.26	276.19	2.42%
P #74 BEGIN: SSMH #75 END: SSMH #76	PVC - SDR 26	8"	359	275.99	257.33	5.20%
P #75 BEGIN: SSMH #76 END: SSMH #77	PVC - SDR 26	8"	48	257.13	256.90	0.50%
P #76 BEGIN: SSMH #77 END: SSMH #78	PVC - SDR 26	8"	48	256.70	256.46	0.50%
P #77 BEGIN: SSMH #78 END: SSMH #85	PVC - SDR 26	8"	48	256.26	255.83	0.89%
P #78 BEGIN: SSMH #79 END: SSMH #80	PVC - SDR 26	8"	211	279.04	264.27	7.00%
P #79 BEGIN: SSMH #80 END: SSMH #81	PVC - SDR 26	8"	71	263.66	262.80	1.22%
P #80 BEGIN: SSMH #81 END: SSMH #82	PVC - SDR 26	8"	88	262.60	259.22	3.82%
P #81 BEGIN: SSMH #82 END: SSMH #83	PVC - SDR 26	8"	88	259.02	258.58	0.50%
P #82 BEGIN: SSMH #83 END: SSMH #84	PVC - SDR 26	8"	94	258.38	257.91	0.50%
P #83 BEGIN: SSMH #84 END: SSMH #85	PVC - SDR 26	8"	48	257.71	255.83	3.95%
P #84 BEGIN: SSMH #85 END: SSMH #86	PVC - SDR 26	8"	186	255.63	242.72	6.96%
P #85 BEGIN: SSMH #86 END: SSMH #87	PVC - SDR 35	8"	188	242.52	241.58	0.50%
P #86 BEGIN: SSMH #87 END: SSMH #88	PVC - SDR 35	8"	211	241.38	240.32	0.50%
P #87 BEGIN: SSMH #88 END: EX. SSMH #86	PVC - SDR 35	8"	203	240.12	239.11	0.50%

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
EX. SSMH #86	4'	254.41	239.11 SE		15.30
SSMH #01	4'	311.20		299.24 N	11.96
SSMH #02	4'	304.33		294.14 W	10.19
SSMH #03	4'	301.41	291.95 E	291.75 W	9.65
SSMH #04	4'	301.26	291.28 S 291.28 E	291.08 N	10.20
SSMH #05	5'	290.73	277.67 S	275.97 NE	14.78
SSMH #06	4'	329.61		318.33 N	11.28
SSMH #07	4'	320.63	309.93 S	309.73 W	10.92
SSMH #08	4'	315.98	306.93 E	306.73 W	9.25
SSMH #09	4'	304.23	296.43 E	296.23 N	8.00
SSMH #10	4'	299.84	293.00 S	292.80 N	7.04
SSMH #11	4'	296.90	288.33 S	285.83 N	11.07
SSMH #12	5'	295.29	283.42 S	280.92 NE	14.37
SSMH #13	4'	317.71		309.47 N	8.24
SSMH #14	4'	309.69	301.94 S	299.44 N	10.24
SSMH #15	4'	304.27	294.30 S	294.10 NW	10.20
SSMH #16	5'	313.35		294.46 S	18.89
SSMH #17	4'	297.11	287.71 N	287.51 S	9.60
SSMH #18	4'	291.23	283.31 N	283.11 S	8.12
SSMH #19	4'	289.60	281.61 N	281.41 S	8.19
SSMH #20	4'	289.92	281.14 N	280.94 S	8.97
SSMH #21	5'	294.99	279.97 N	279.77 S	15.22
SSMH #22	5'	296.80	281.80 SE 279.50 N	279.30 W	17.71
SSMH #23	5'	295.13	278.97 E	278.77 W	16.36
SSMH #24	5'	294.04	278.50 E	278.30 W	15.74
SSMH #25	5'	292.24	277.43 E	277.23 NW	15.01
SSMH #26	5'	294.03	276.88 SE 279.18 SW	276.68 NW	17.34
SSMH #27	5'	295.39	276.37 SE	276.17 W	19.22
SSMH #28	6'	297.84	275.69 E	275.49 W	22.35
SSMH #29	6'	295.19	274.15 E	273.95 W	21.24
SSMH #30	5'	290.78	272.79 E	272.59 W	18.19
SSMH #31	5'	290.28	272.41 E	272.21 SW	18.07
SSMH #32	5'	290.27	273.34 SW 272.05 NE	271.85 N	18.45
SSMH #33	4'	265.93	260.94 S	260.74 N	5.19
SSMH #34	4'	355.15		347.33 S	7.81
SSMH #35	4'	338.98	328.64 N	328.44 S	10.54
SSMH #36	4'	316.03	306.62 N	304.12 W	11.91
SSMH #37	4'	327.38		321.69 E	5.69
SSMH #38	4'	345.81		336.87 W	8.94
SSMH #39	5'	332.94	321.15 W 321.39 E	320.95 S	12.02
SSMH #40	5'	339.20	320.16 N	319.96 S	19.23
SSMH #41	5'	331.29	318.23 N	318.03 S	13.26
SSMH #42	5'	312.22	300.49 N	298.49 S	13.73
SSMH #43	5'	297.31	285.51 E 285.51 N	285.31 W	12.02
SSMH #44	4'	294.26	283.82 E	283.62 W	10.64

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #45	4'	293.82	283.21 E	283.01 W	10.82
SSMH #46	4'	293.45	282.60 E	282.40 NW	11.05
SSMH #47	4'	292.99	281.94 SE	281.74 NW	11.25
SSMH #48	4'	292.39	281.26 SE	281.06 NW	11.32
SSMH #49	4'	290.31	279.00 SE	278.80 SW	11.51
SSMH #50	4'	262.12	256.13 S	255.93 NW	6.19
SSMH #50A	4'	264.75	255.51 SE 256.81 NE	255.31 NW	9.44
SSMH #51	4'	264.86	253.84 SE	253.64 NW	11.22
SSMH #52	4'	260.79	252.41 SE	252.21 NW	8.58
SSMH #53	5'	254.78	242.28 SE	242.08 NW	12.84
SSMH #54	4'	251.36	240.65 SE	240.45 W	10.93
SSMH #55	4'	244.49	239.61 E	239.41 NW	5.08
SSMH #56	4'	245.77	238.38 SE	238.18 NW	7.58
SSMH #57	4'	245.26	237.84 SE	237.64 NW	7.63
SSMH #58	4'	247.16	237.20 SE		9.96
SSMH #59	4'	354.40		348.70 N	5.69
SSMH #60	4'	346.79	339.50 S	337.00 N	9.79
SSMH #61	4'	334.53	324.41 S	324.21 N	10.35
SSMH #62	4'	337.70		329.83 E	7.87
SSMH #63	4'	333.27	323.28 W	323.08 E	10.19
SSMH #64	5'	331.29	321.03 W 321.03 S	318.53 N	12.77
SSMH #65	4'	326.99	316.96 S	316.76 NW	10.26
SSMH #66	5'	315.89	303.99 SE	303.79 N	12.13
SSMH #67	4'	324.51		316.29 E	8.22
SSMH #68	5'	314.74	303.72 W	301.50 E	13.24
SSMH #69	5'	311.53	299.26 W 299.26 S	299.06 NE	12.47
SSMH #70	4'	305.25	294.44 SW	294.24 NE	11.03
SSMH #71	4'	301.27	291.67 SW	291.47 N	9.79
SSMH #72	4'	298.84	291.12 S	290.92 N	7.92
SSMH #73	4'	297.63	290.57 S	289.86 N	7.77
SSMH #74	5'	298.05	285.46 S	285.26 N	12.79
SSMH #75	4'	285.98	276.19 S	275.99 N	10.00
SSMH #76	4'	268.03	257.33 S	257.13 NW	10.92
SSMH #77	4'	266.93	256.90 SE	256.70 NW	10.23
SSMH #78	4'	266.68	256.46 SE	256.26 W	10.42
SSMH #79	4'	290.21		279.04 NW	11.18
SSMH #80	4'	274.54	264.27 SE	263.66 NW	10.88
SSMH #81	4'	271.15	262.80 SE	262.60 N	8.54
SSMH #82	4'	269.32	259.22 S	259.02 N	10.29
SSMH #83	4'	268.47	258.58 S	258.38 N	10.09
SSMH #84	4'	267.60	257.91 S	257.71 NE	9.89
SSMH #85	4'	267.11	255.83 E 255.83 SW	255.63 NW	11.48
SSMH #86	4'	249.39	242.72 SE	242.52 NW	6.88
SSMH #87	4'	246.00	241.58 SE	241.38 NW	4.62
SSMH #88	4'	246.00	240.32 SE	240.12 NW	5.88

LEGEND:

SEE UTILITY PLAN ON THE PREVIOUS PAPE.

No.	REVISIONS	DATE	BY
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3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

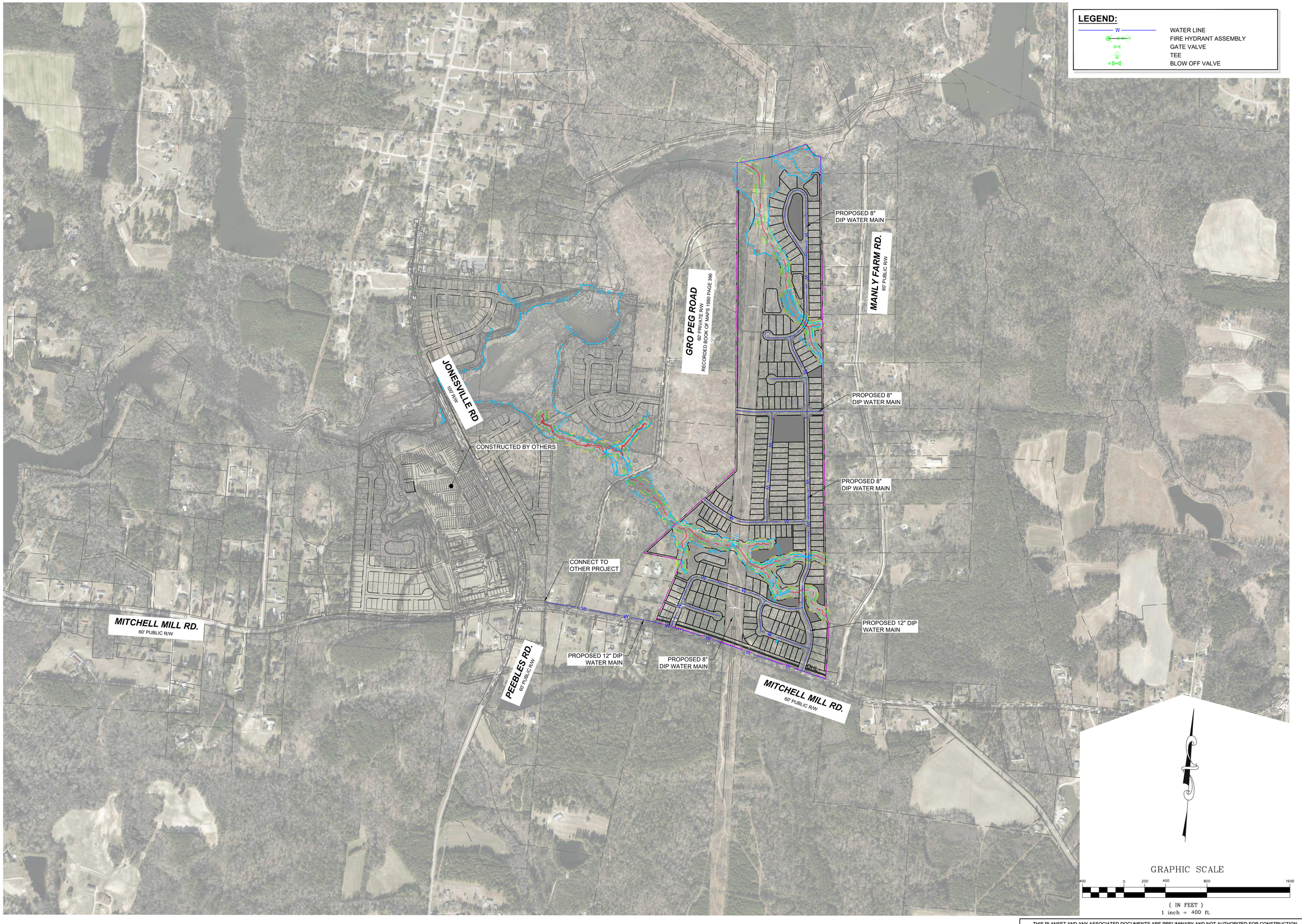
SANITARY SEWER TABLES

DRAWING SHEET

C-7.8

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PROGRESS PLOT DATE: 04/29/2025



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DRAWN BY	SRG
CHECKED BY	SRG

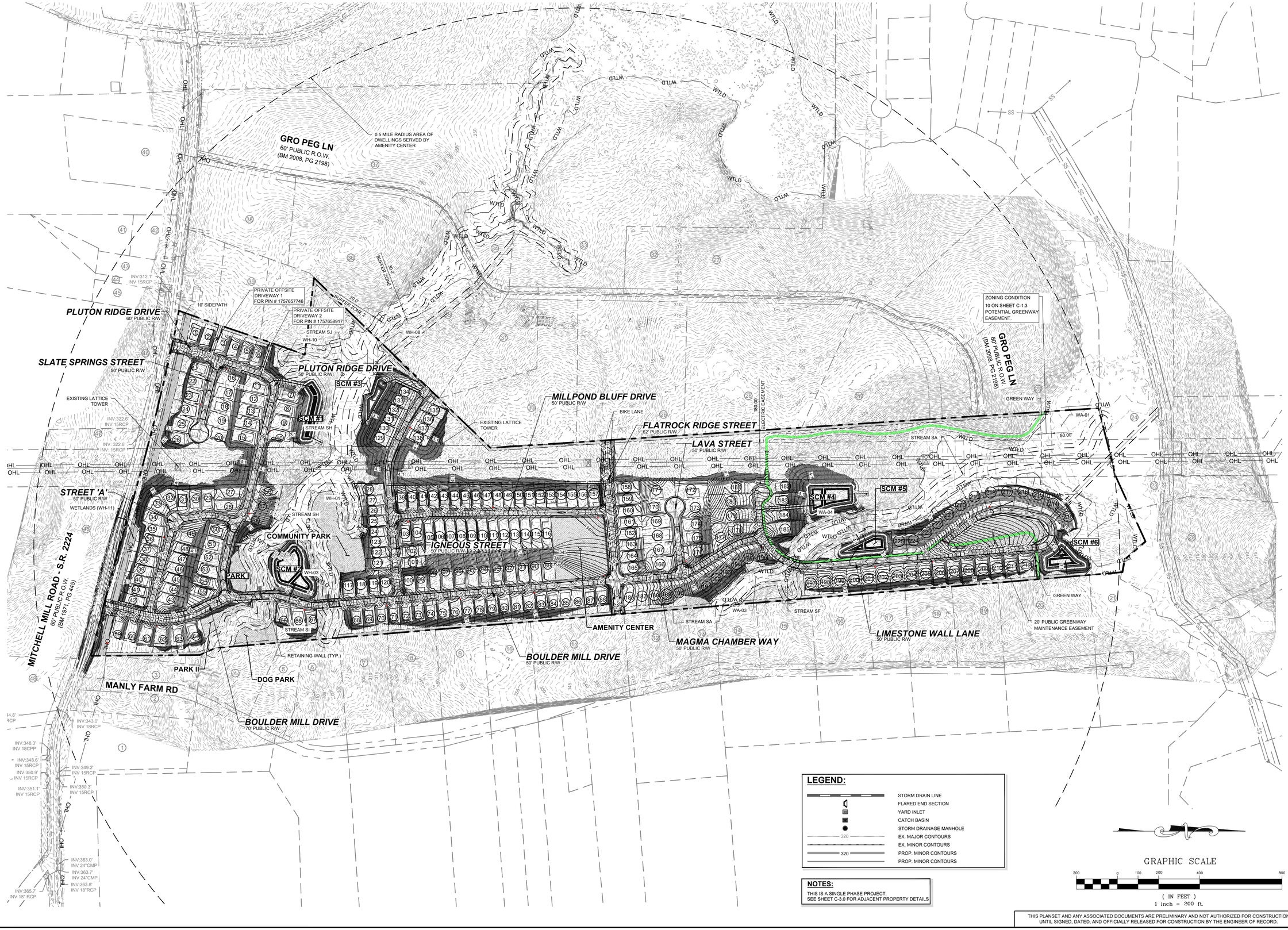
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

OFF-SITE UTILITY PLAN

DRAWING SHEET
C-7.9

37 OF 72

PROGRESS PLOT DATE: 04/29/2025



LEGEND:

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

NOTES:

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

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL GRADING & DRAINAGE PLAN

DRAWING SHEET
C-8.0

38 OF 72

PROGRESS PLOT DATE: 04/29/2025

SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL

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STRONG ROCK PROJECT	
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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

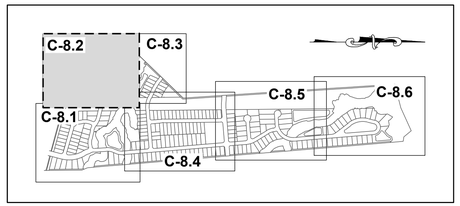
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

PARTIAL GRADING & DRAINAGE PLAN I

DRAWING SHEET

C-8.1

39 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

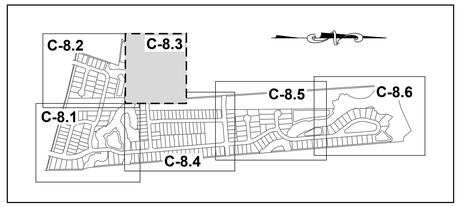
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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING & DRAINAGE PLAN II

DRAWING SHEET
C-8.2

40 OF 72



SITE KEY PLAN

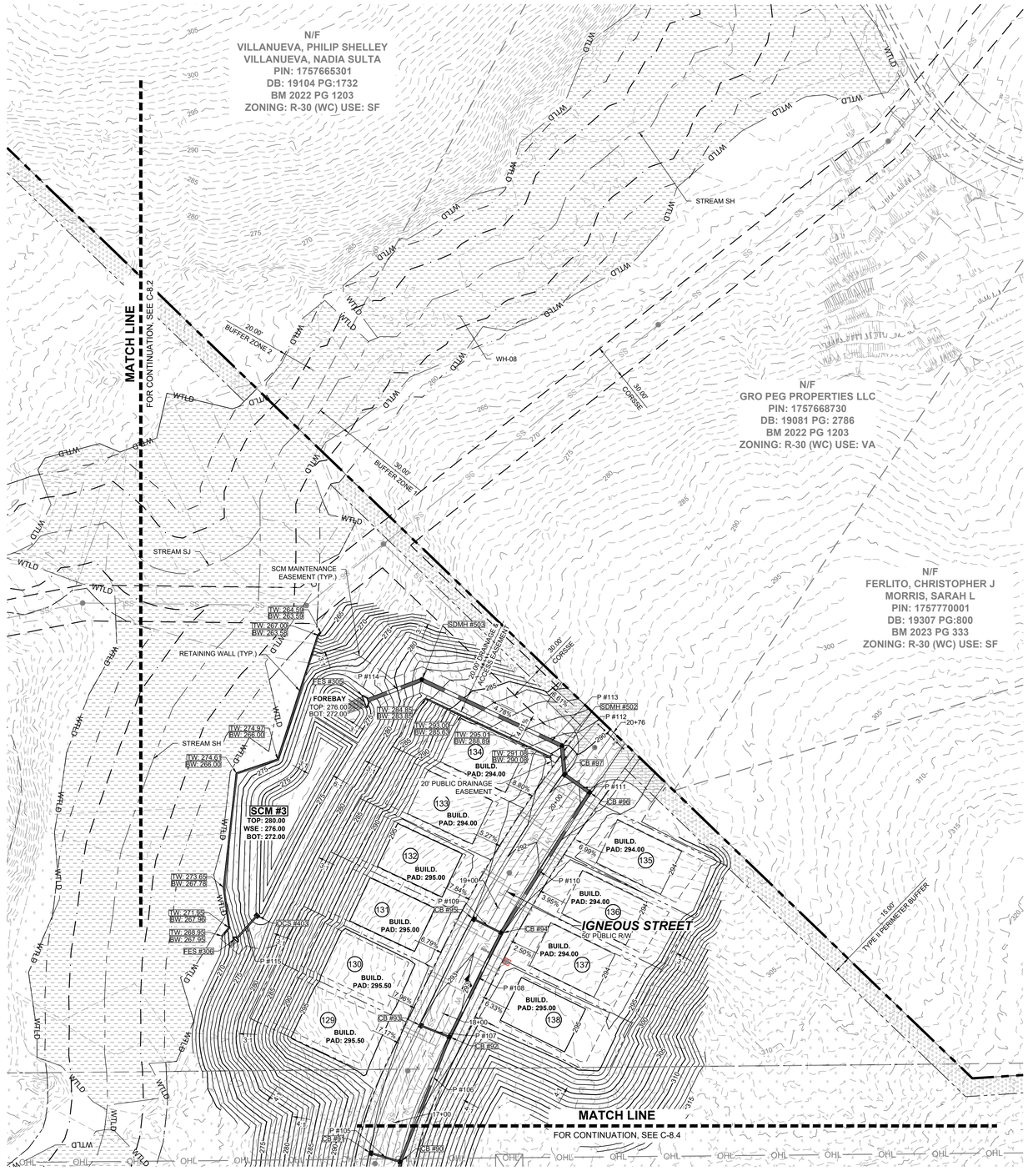
LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609

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

PARTIAL GRADING & DRAINAGE PLAN III

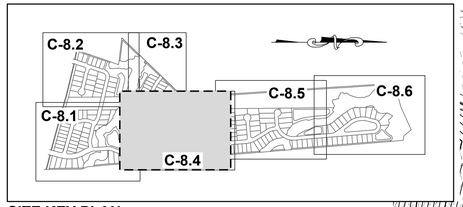
DRAWING SHEET

C-8.3

41 OF 72

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PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

MATCH LINE
FOR CONTINUATION, SEE C-8.3

MATCH LINE
FOR CONTINUATION, SEE C-8.1

MATCH LINE
FOR CONTINUATION, SEE C-8.5

FLATROCK RIDGE STREET
62' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

IGNEOUS STREET
50' PUBLIC R/W

COMMUNITY PARK

AMENITY CENTER

EXISTING LATTICE TOWER

DISTANCE FROM TOWER TO BACK OF CURB = 59'

DISTANCE FROM TOWER TO SIDEWALK = 49'

DISTANCE FROM TOWER TO SIDEWALK = 48'

DISTANCE FROM TOWER TO BACK OF CURB = 58'

72.32' DISTANCE FROM TOWER TO SIDEWALK

82.32' DISTANCE FROM TOWER TO BACK OF CURB

180.00' ELECTRIC EASEMENT

10 FT. HOA PRIVATE MULTI-USE PATH

20' PUBLIC DRAINAGE EASEMENT

20' PUBLIC DRAINAGE EASEMENT

RETAINING WALL (TYP.)

30.00' PUBLIC BUFFER ZONE 1

20.00' PUBLIC BUFFER ZONE 2

TYPE II PERIMETER BUFFER 145.00'

N/F
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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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
0	TOWN OF ROLESVILLE V1-PBP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PBP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PBP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PBP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PBP-24-03	05/01/2025	SREG

SEAL

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING & DRAINAGE PLAN IV

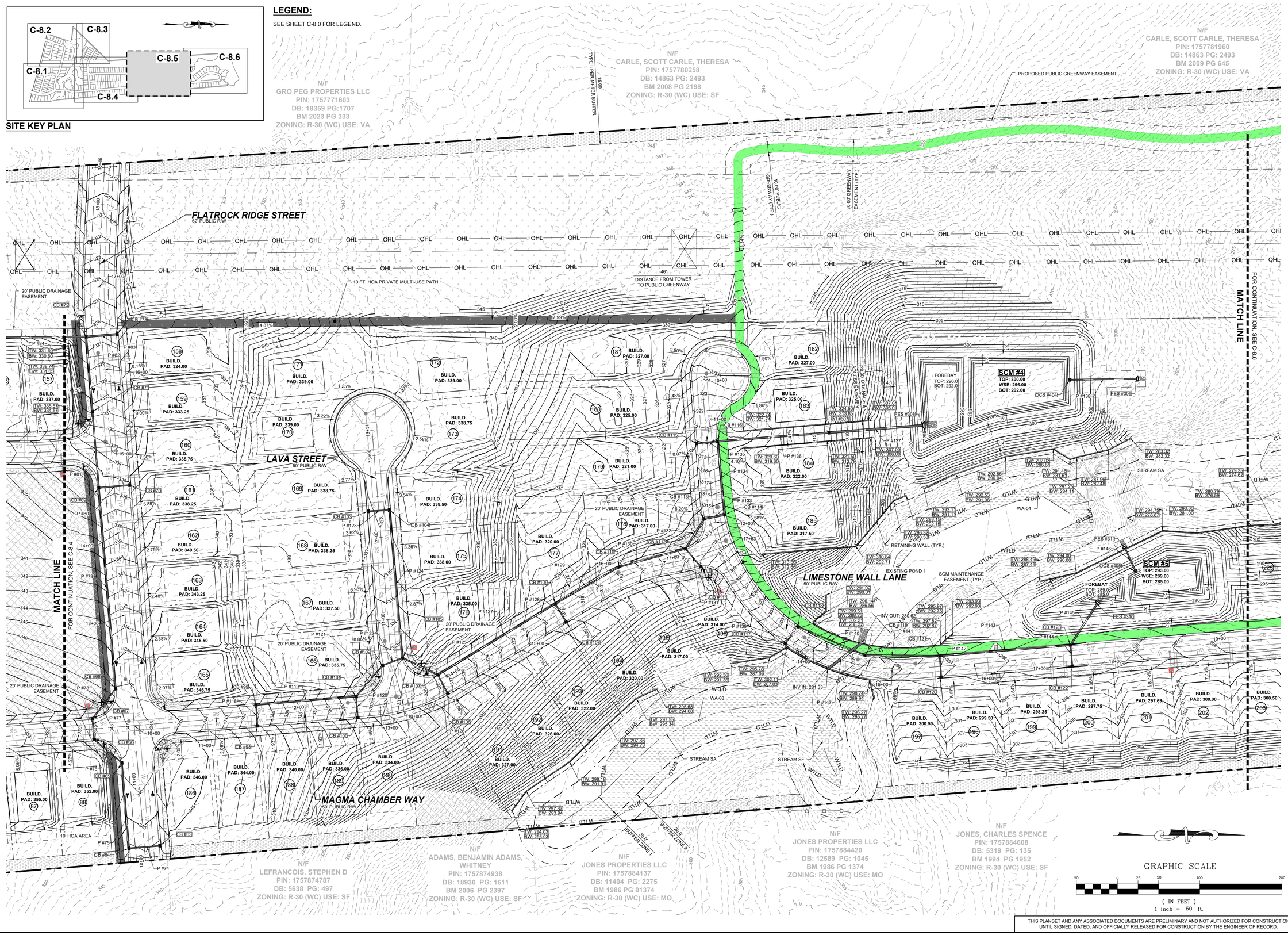
DRAWING SHEET
C-8.4

42 OF 72

SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL

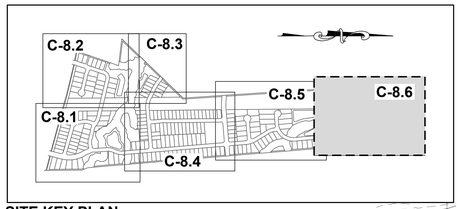
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING & DRAINAGE PLAN V

DRAWING SHEET
C-8.5

43 OF 72



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

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

TYPE I PERIMETER BUFFER - 15.00'

10.00' PUBLIC GREENWAY (TYP.)

PROPOSED PUBLIC GREENWAY EASEMENT

STREAM SA

BUFFER ZONE 1 - 30.0' BUFFER ZONE 2 - 20.0'

MATCH LINE
FOR CONTINUATION, SEE C-8.5

LIMESTONE WALL LANE
50' PUBLIC R/W

20' PUBLIC DRAINAGE EASEMENT

SCM #5
TOP: 293.00
WSE: 289.00
BOT: 285.00

SCM #6
TOP: 263.00
WSE: 259.00
BOT: 255.00

FOREBAY
TOP: 259.00
BOT: 255.00

SCM MAINTENANCE EASEMENT (TYP.)

50.00' GREENWAY EASEMENT

RETAINING WALL (TYP.)

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

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: 17588805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING & DRAINAGE PLAN VI

DRAWING SHEET
C-8.6

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #01 BEGIN: DI #201 END: CB #01	RCP	15"	25	299.45	299.33	0.50%
P #02 BEGIN: CB #01 END: CB #02	RCP	15"	36	298.33	297.95	1.07%
P #03 BEGIN: CB #02 END: CB #03	RCP	15"	59	297.75	295.11	4.44%
P #04 BEGIN: CB #03 END: CB #04	RCP	15"	26	294.91	293.80	4.31%
P #05 BEGIN: CB #05 END: CB #06	RCP	15"	26	296.50	296.37	0.50%
P #06 BEGIN: CB #06 END: CB #07	RCP	15"	143	296.17	295.26	0.64%
P #07 BEGIN: CB #08 END: CB #07	RCP	15"	26	295.41	295.26	0.58%
P #08 BEGIN: CB #07 END: CB #04	RCP	15"	107	295.06	293.80	1.18%
P #09 BEGIN: CB #04 END: CB #09	RCP	18"	43	293.60	292.40	2.78%
P #10 BEGIN: CB #09 END: CB #10	RCP	18"	179	292.20	281.99	5.71%
P #11 BEGIN: DI #202 END: CB #10	RCP	15"	49	281.61	281.36	0.50%
P #12 BEGIN: DI #203 END: DI #202	RCP	15"	86	282.23	281.81	0.50%
P #13 BEGIN: CB #10 END: CB #11	RCP	18"	55	281.16	280.89	0.50%
P #14 BEGIN: CB #12 END: CB #11	RCP	18"	42	283.13	282.28	2.00%
P #15 BEGIN: CB #13 END: CB #12	RCP	15"	51	284.17	283.33	1.64%
P #16 BEGIN: CB #14 END: CB #13	RCP	15"	26	284.50	284.37	0.50%
P #17 BEGIN: CB #15 END: CB #13	RCP	15"	177	287.87	284.37	1.98%
P #18 BEGIN: CB #16 END: CB #15	RCP	15"	26	288.19	288.07	0.50%
P #19 BEGIN: CB #11 END: CB #17	RCP	24"	26	280.69	280.08	2.35%
P #20 BEGIN: CB #17 END: SDMH #501	RCP	24"	43	279.88	278.82	2.44%
P #21 BEGIN: SDMH #501 END: FES #301	RCP	24"	130	278.62	277.00	1.25%
P #22 BEGIN: OCS #401 END: FES #302	RCP	18"	63	277.00	274.81	3.48%
P #23 BEGIN: N #07 END: N #08	CLASS IV RCP	15"	73	315.86	315.33	0.72%
P #24 BEGIN: N #05 END: N #06	RCP	15"	128	334.58	333.92	0.52%
P #25 BEGIN: CB #18 END: CB #19	RCP	15"	44	315.97	315.75	0.50%
P #26 BEGIN: CB #19 END: CB #20	RCP	15"	92	314.65	308.47	6.73%
P #27 BEGIN: CB #20 END: CB #21	RCP	15"	117	308.27	300.82	6.37%
P #28 BEGIN: CB #22 END: CB #21	RCP	15"	44	300.53	300.12	0.93%
P #29 BEGIN: CB #21 END: CB #23	RCP	15"	183	298.82	292.34	3.54%
P #30 BEGIN: CB #24 END: CB #23	RCP	15"	41	293.72	293.34	0.91%
P #31 BEGIN: CB #23 END: CB #25	RCP	18"	35	292.14	290.32	5.14%
P #32 BEGIN: CB #25 END: CB #26	RCP	18"	26	289.12	286.77	8.91%
P #33 BEGIN: CB #27 END: CB #26	RCP	30"	104	285.49	284.97	0.50%
P #34 BEGIN: CB #28 END: CB #27	RCP	24"	118	286.28	285.69	0.50%
P #35 BEGIN: CB #29 END: CB #28	RCP	15"	26	287.40	287.18	0.85%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #36 BEGIN: CB #30 END: CB #28	RCP	24"	62	286.79	286.48	0.50%
P #37 BEGIN: CB #31 END: CB #30	RCP	24"	26	287.12	286.99	0.50%
P #38 BEGIN: CB #32 END: CB #30	RCP	15"	85	290.84	287.09	4.44%
P #39 BEGIN: CB #33 END: CB #32	RCP	15"	26	291.17	291.04	0.50%
P #40 BEGIN: CB #34 END: CB #31	RCP	24"	44	289.54	287.32	5.09%
P #41 BEGIN: CB #35 END: CB #34	RCP	24"	61	291.70	289.74	3.19%
P #42 BEGIN: CB #36 END: CB #35	RCP	15"	26	292.89	292.70	0.74%
P #43 BEGIN: CB #37 END: CB #35	RCP	24"	54	293.68	291.90	3.29%
P #44 BEGIN: CB #38 END: CB #37	RCP	18"	98	297.87	294.28	3.67%
P #45 BEGIN: CB #39 END: CB #38	RCP	15"	46	298.38	298.07	0.67%
P #46 BEGIN: CB #40 END: CB #38	RCP	18"	59	300.24	298.07	3.68%
P #47 BEGIN: CB #41 END: CB #40	RCP	18"	28	300.86	300.44	1.51%
P #48 BEGIN: CB #42 END: CB #40	RCP	18"	205	307.68	300.44	3.53%
P #49 BEGIN: CB #43 END: CB #42	RCP	15"	26	308.00	307.88	0.50%
P #50 BEGIN: CB #26 END: CB #44	RCP	30"	47	284.77	284.53	0.50%
P #51 BEGIN: CB #44 END: CB #45	RCP	30"	107	284.33	283.80	0.50%
P #52 BEGIN: CB #45 END: CB #46	RCP	30"	92	283.60	283.13	0.50%
P #53 BEGIN: N #02 END: N #01	RCP	42"	43	274.58	273.28	3.03%
P #54 BEGIN: CB #47 END: CB #48	RCP	15"	26	284.93	284.78	0.60%
P #55 BEGIN: CB #46 END: CB #48	RCP	30"	70	282.93	282.58	0.50%
P #56 BEGIN: CB #49 END: CB #48	RCP	30"	107	284.94	283.38	1.46%
P #57 BEGIN: CB #50 END: CB #49	RCP	15"	26	286.74	286.54	0.78%
P #58 BEGIN: CB #51 END: CB #49	RCP	30"	132	291.04	285.52	4.17%
P #59 BEGIN: CB #52 END: CB #51	RCP	15"	26	291.57	291.34	0.89%
P #60 BEGIN: N #03 END: N #04	RCP	42"	42	281.85	280.86	2.36%
P #61 BEGIN: CB #53 END: CB #51	RCP	24"	123	297.85	291.34	5.30%
P #62 BEGIN: CB #54 END: CB #53	RCP	15"	26	298.48	298.35	0.50%
P #63 BEGIN: CB #56 END: CB #53	RCP	18"	224	311.52	298.35	5.88%
P #64 BEGIN: CB #55 END: CB #56	RCP	15"	26	313.55	313.42	0.50%
P #65 BEGIN: CB #57 END: CB #56	RCP	18"	197	325.18	313.52	5.92%
P #66 BEGIN: CB #58 END: CB #57	RCP	15"	26	325.51	325.38	0.50%
P #67 BEGIN: CB #59 END: CB #57	RCP	15"	180	333.42	325.38	4.47%
P #68 BEGIN: CB #60 END: CB #59	RCP	15"	26	333.75	333.62	0.50%
P #69 BEGIN: CB #61 END: CB #59	RCP	15"	180	341.89	333.62	4.59%
P #70 BEGIN: CB #62 END: CB #61	RCP	15"	26	342.22	342.09	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #71 BEGIN: OCS #406 END: FES #313	RCP	18"	40	259.00	258.00	2.50%
P #72 BEGIN: CB #48 END: FES #303	RCP	30"	57	282.38	282.00	0.68%
P #73 BEGIN: OCS #402 END: FES #304	RCP	18"	53	282.00	281.00	1.90%
P #74 BEGIN: CB #63 END: CB #64	CLASS IV RCP	15"	38	340.63	340.44	0.50%
P #75 BEGIN: CB #64 END: CB #65	CLASS IV RCP	15"	104	340.24	339.24	0.96%
P #76 BEGIN: CB #65 END: CB #66	RCP	15"	44	339.04	338.60	0.99%
P #77 BEGIN: CB #66 END: CB #67	RCP	15"	26	338.40	338.28	0.50%
P #78 BEGIN: CB #67 END: CB #68	RCP	15"	46	338.08	337.85	0.50%
P #79 BEGIN: CB #68 END: CB #69	RCP	15"	245	337.65	327.27	4.23%
P #80 BEGIN: CB #70 END: CB #69	RCP	18"	38	327.46	327.27	0.50%
P #81 BEGIN: CB #69 END: CB #71	RCP	18"	93	326.07	323.65	2.60%
P #82 BEGIN: CB #71 END: CB #72	CLASS IV RCP	18"	91	323.45	322.44	1.11%
P #83 BEGIN: CB #73 END: CB #72	RCP	24"	38	320.83	320.64	0.50%
P #84 BEGIN: CB #72 END: YI #603	RCP	24"	184	320.44	319.52	0.50%
P #85 BEGIN: YI #603 END: YI #604	RCP	24"	209	319.32	318.28	0.50%
P #86 BEGIN: YI #604 END: YI #605	RCP	24"	261	318.08	309.26	3.38%
P #87 BEGIN: YI #605 END: YI #606	RCP	24"	209	309.06	301.30	3.72%
P #88 BEGIN: YI #606 END: CB #88	RCP	24"	171	301.10	287.22	8.14%
P #89 BEGIN: CB #74 END: CB #88	RCP	15"	26	287.03	286.82	0.81%
P #90 BEGIN: CB #75 END: CB #88	RCP	24"	110	290.19	287.22	2.70%
P #91 BEGIN: CB #76 END: CB #75	RCP	18"	46	291.28	290.69	1.27%
P #92 BEGIN: CB #77 END: CB #76	RCP	18"	26	291.60	291.48	0.50%
P #93 BEGIN: CB #78 END: CB #77	RCP	18"	46	292.03	291.80	0.50%
P #94 BEGIN: CB #79 END: CB #78	RCP	15"	26	292.36	292.23	0.50%
P #95 BEGIN: CB #80 END: CB #78	RCP	15"	203	300.27	292.23	3.96%
P #96 BEGIN: CB #81 END: CB #80	RCP	15"	26	300.60	300.47	0.50%
P #97 BEGIN: CB #82 END: CB #77	RCP	18"	153	304.04	292.60	7.45%
P #98 BEGIN: CB #83 END: CB #82	RCP	15"	26	304.37	304.24	0.50%
P #99 BEGIN: CB #84 END: CB #82	RCP	18"	261	320.03	304.24	6.06%
P #100 BEGIN: CB #85 END: CB #84	RCP	15"	26	320.36	320.23	0.50%
P #101 BEGIN: CB #86 END: CB #84	RCP	18"	156	327.04	320.23	4.36%
P #102 BEGIN: CB #87 END: CB #86	RCP	15"	26	327.37	327.24	0.50%
P #103 BEGIN: CB #88 END: CB #89	RCP	24"	44	286.22	286.00	0.50%
P #104 BEGIN: CB #89 END: CB #90	RCP	24"	69	285.80	285.44	0.52%
P #105 BEGIN: CB #91 END: CB #90	RCP	15"	26	286.75	286.62	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #106 BEGIN: CB #90 END: CB #92	RCP	24"	112	285.24	284.67	0.50%
P #107 BEGIN: CB #93 END: CB #92	RCP	15"	26	286.38	285.47	3.54%
P #108 BEGIN: CB #92 END: CB #94	RCP	24"	97	284.47	283.99	0.50%
P #109 BEGIN: CB #95 END: CB #94	RCP	15"	26	285.82	285.69	0.50%
P #110 BEGIN: CB #94 END: CB #96	RCP	30"	139	283.79	282.81	0.70%
P #111 BEGIN: CB #96 END: CB #97	RCP	30"	26	282.61	282.48	0.50%
P #112 BEGIN: CB #97 END: SDMH #502	RCP	36"	24	282.28	281.53	3.11%
P #113 BEGIN: SDMH #502 END: SDMH #503	RCP	36"	130	281.33	276.44	3.76%
P #114 BEGIN: SDMH #503 END: FES #305	RCP	36"	48	276.24	276.00	0.50%
P #115 BEGIN: OCS #403 END: FES #306	RCP	15"	25	273.00	270.85	8.56%
P #116 BEGIN: YI #602 END: YI #601	RCP	15"	46	320.09	319.41	1.49%
P #117 BEGIN: YI #601 END: FES #307	RCP	18"	95	319.21	318.00	1.27%
P #118 BEGIN: CB #98 END: CB #99	RCP	15"	26	332.72	332.60	0.50%
P #119 BEGIN: CB #99 END: CB #101	RCP	15"	122	332.40	328.43	3.25%
P #120 BEGIN: CB #100 END: CB #101	RCP	15"	26	326.76	326.63	0.50%
P #121 BEGIN: CB #101 END: CB #102	RCP	15"	50	326.43	325.73	1.42%
P #122 BEGIN: CB #102 END: CB #105	RCP	15"	26	325.53	324.44	4.19%
P #123 BEGIN: CB #103 END: CB #104	RCP	15"	26	329.95	329.83	0.50%
P #124 BEGIN: CB #104 END: CB #105	RCP	15"	180	329.63	325.44	2.32%
P #125 BEGIN: CB #105 END: CB #107	RCP	18"	47	323.44	320.11	7.03%
P #126 BEGIN: CB #106 END: CB #107	RCP	15"	26	320.24	320.11	0.50%
P #127 BEGIN: CB #107 END: CB #109	RCP	18"	167	319.91	311.59	4.99%
P #128 BEGIN: CB #108 END: CB #109	RCP	15"	26	311.71	311.59	0.50%
P #129 BEGIN: CB #109 END: CB #110	RCP	18"	90	311.39	309.01	2.64%
P #130 BEGIN: CB #110 END: CB #112	RCP	18"	84	308.81	305.60	3.84%
P #131 BEGIN: CB #111 END: CB #112	RCP	15"	29	304.94	304.80	0.50%
P #132 BEGIN: CB #112 END: CB #113	RCP	24"	43	304.60	304.25	0.80%
P #133 BEGIN: CB #113 END: CB #114	RCP	24"	26	304.05	303.93	0.50%
P #134 BEGIN: CB #114 END: CB #116	RCP	24"	90	303.73	303.28	0.50%
P #135 BEGIN: CB #115 END: CB #116	RCP	15"	26	307.24	305.58	6.45%
P #136 BEGIN: CB #116 END: YI #607	RCP	24"	136	303.08	298.57	3.32%
P #137 BEGIN: YI #607 END: FES #308	RCP	30"	114	296.57	296.00	0.50%
P #138 BEGIN: OCS #404 END: FES #309	RCP	18"	81	296.00	294.98	1.26%
P #139 BEGIN: CB #117 END: CB #118	RCP	15"	26	295.22	295.09	0.50%
P #140 BEGIN: CB #118 END: CB #119	RCP	15"	89	294.89	294.06	0.94%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #141 BEGIN: CB #119 END: CB #121	RCP	18"	91	293.86	292.43	1.57%
P #142 BEGIN: CB #120 END: CB #121	RCP	15"	26	292.56	292.43	0.50%
P #143 BEGIN: CB #121 END: CB #123	RCP	18"	160	291.93	290.02	1.20%
P #144 BEGIN: CB #122 END: CB #123	RCP	15"	26	290.59	290.46	0.50%
P #145 BEGIN: CB #123 END: FES #310	RCP	24"	59	289.82	289.00	1.38%
P #146 BEGIN: OCS #405 END: FES #311	RCP	18"	30	289.00	286.86	7.02%
P #147 BEGIN: N #09 END: N #10	RCP	36"	52	281.33	280.62	1.37%
P #148 BEGIN: CB #124 END: CB #125	RCP	15"	26	289.94	289.82	0.50%
P #149 BEGIN: CB #125 END: CB #127	RCP	15"	209	289.62	281.51	3.88%
P #150 BEGIN: CB #126 END: CB #127	RCP	15"	26	279.96	279.71	1.00%
P #151 BEGIN: CB #127 END: CB #129	RCP	15"	141	279.51	272.60	4.91%
P #152 BEGIN: CB #128 END: CB #129	RCP	15"	26	272.87	272.60	1.04%
P #153 BEGIN: CB #129 END: CB #130	RCP	18"	210	272.40	262.07	4.93%
P #154 BEGIN: CB #130 END: CB #131	RCP	18"	26	261.87	261.74	0.50%
P #155 BEGIN: CB #131 END: CB #139	RCP	24"	97	261.54	260.74	0.83%
P #156 BEGIN: CB #132 END: CB #133	RCP	15"	26	276.08	275.95	0.50%
P #157 BEGIN: CB #133 END: CB #135	RCP	15"	146	275.75	268.03	5.29%
P #158 BEGIN: CB #134 END: CB #135	RCP	15"	26	266.36	266.23	0.50%
P #159 BEGIN: CB #135 END: CB #137	RCP	15"	120	266.03	264.32	1.43%
P #160 BEGIN: CB #136 END: CB #137	RCP	15"	26	262.65	262.52	0.50%
P #161 BEGIN: CB #137 END: CB #138	RCP	18"	183	262.32	261.40	0.50%
P #162 BEGIN: CB #138 END: CB #139	RCP	24"	92	261.20	260.74	0.50%
P #163 BEGIN: CB #139 END: CB #140	RCP	24"	26	260.54	260.38	0.63%
P #164 BEGIN: CB #140 END: FES #312	RCP	24"	76	259.38	259.00	0.50%

No.	REVISIONS	DATE	BY
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1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 R

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

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

STORM DRAINAGE TABLES

DRAWING SHEET

C-8.7

45 OF 72

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.

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #01	2' X 3'	304.99	299.33 N	298.33 E
CB #02	2' X 3'	304.91	297.95 W	297.75 NE
CB #03	2' X 3'	300.72	295.11 SW	294.91 N
CB #04	2' X 3'	300.72	293.80 S 293.80 E	293.60 NW
CB #05	2' X 3'	303.23		296.50 N
CB #06	2' X 3'	303.23	296.37 S	296.17 W
CB #07	2' X 3'	301.81	295.26 S 295.26 E	295.06 W
CB #08	2' X 3'	301.81		295.41 N
CB #09	2' X 3'	298.41	292.40 SE	292.20 N
CB #10	2' X 3'	290.78	281.99 S 281.36 W	281.16 NE
CB #11	2' X 3'	290.05	280.89 SW 282.28 E	280.69 NW
CB #12	2' X 3'	290.50	283.33 E	283.13 W
CB #13	2' X 3'	291.49	284.37 N 284.37 E	284.17 W
CB #14	2' X 3'	291.49		284.50 S
CB #15	2' X 3'	294.86	288.07 N	287.87 W
CB #16	2' X 3'	294.86		288.19 S
CB #17	2' X 3'	290.05	280.08 SE	279.88 N
CB #18	2' X 3'	323.13		315.97 W
CB #19	2' X 3'	323.03	315.75 E	314.65 N
CB #20	2' X 3'	315.38	308.47 S	308.27 N
CB #21	2' X 3'	306.88	300.12 E 300.82 S	298.82 NW
CB #22	2' X 3'	307.00		300.53 W
CB #23	2' X 3'	298.13	292.34 SE 293.34 NE	292.14 NW
CB #24	2' X 3'	298.07		293.72 SW
CB #25	2' X 3'	296.02	290.32 SE	289.12 N
CB #26	2' X 3'	295.90	286.77 S 284.97 W	284.77 NE
CB #27	2' X 3'	293.61	285.69 W	285.49 E
CB #28	2' X 3'	291.84	286.48 W 287.18 S	286.28 E
CB #29	2' X 3'	291.84		287.40 N
CB #30	2' X 3'	292.48	287.09 NW 286.99 SW	286.79 E
CB #31	2' X 3'	292.47	287.32 W	287.12 NE
CB #32	2' X 3'	294.64	291.04 SW	290.84 SE
CB #33	2' X 3'	294.63		291.17 NE
CB #34	2' X 3'	295.01	289.74 S	289.54 E
CB #35	2' X 3'	297.24	291.90 S 292.70 W	291.70 N
CB #36	2' X 3'	297.33		292.89 E
CB #37	2' X 3'	299.19	294.28 S	293.68 N
CB #38	2' X 3'	302.83	298.07 SE 298.07 SW	297.87 N
CB #39	2' X 3'	302.82		298.38 NE
CB #40	2' X 3'	305.23	300.44 S 300.44 E	300.24 NW
CB #41	2' X 3'	305.83		300.86 N
CB #42	2' X 3'	312.44	307.88 S	307.68 W
CB #43	2' X 3'	312.44		308.00 N
CB #44	2' X 3'	294.72	284.53 SW	284.33 N
CB #45	2' X 3'	291.10	283.80 S	283.60 N
CB #46	2' X 3'	289.73	283.13 S	282.93 N
CB #47	2' X 3'	289.37		284.93 W
CB #48	2' X 3'	289.37	283.38 N 282.58 S 284.78 E	282.38 W
CB #49	2' X 3'	291.40	285.52 N 286.54 E	284.94 S
CB #50	2' X 3'	291.37		286.74 W
CB #51	2' X 3'	298.61	291.34 E 291.34 N	291.04 S
CB #52	2' X 3'	298.61		291.57 W

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #53	2' X 3'	305.92	298.35 N 298.35 E	297.85 S
CB #54	2' X 3'	305.92		298.48 W
CB #55	2' X 3'	321.00		313.55 W
CB #56	2' X 3'	321.01	313.52 N 313.42 E	311.52 S
CB #57	2' X 3'	332.43	325.38 N 325.38 E	325.18 S
CB #58	2' X 3'	332.43		325.51 W
CB #59	2' X 3'	340.82	333.62 N 333.62 E	333.42 S
CB #60	2' X 3'	340.82		333.75 W
CB #61	2' X 3'	349.21	342.09 E	341.89 S
CB #62	2' X 3'	349.21		342.22 W
CB #63	2' X 3'	343.76		340.63 S
CB #64	2' X 3'	343.76	340.44 N	340.24 W
CB #65	2' X 3'	346.72	339.24 E	339.04 SW
CB #66	2' X 3'	349.00	338.60 NE	338.40 W
CB #67	2' X 3'	348.84	338.28 E	338.08 NW
CB #68	2' X 3'	346.07	337.85 SE	337.65 W
CB #69	2' X 3'	335.15	327.27 N 327.27 E	326.07 W
CB #70	2' X 3'	335.15		327.46 S
CB #71	2' X 3'	330.43	323.65 E	323.45 W
CB #72	2' X 3'	326.28	320.64 N 322.44 E	320.44 S
CB #73	2' X 3'	326.28		320.83 S
CB #74	2' X 3'	294.25		287.03 N
CB #75	2' X 3'	295.84	290.69 NE	290.19 W
CB #76	2' X 3'	300.51	291.48 E	291.28 SW
CB #77	2' X 3'	300.50	292.60 N 291.80 SE	291.60 W
CB #78	2' X 3'	298.89	292.23 S 292.23 E	292.03 NW
CB #79	2' X 3'	298.89		292.36 N
CB #80	2' X 3'	307.21	300.47 S	300.27 W
CB #81	2' X 3'	307.20		300.60 N
CB #82	2' X 3'	310.92	304.24 W 304.24 N	304.04 S
CB #83	2' X 3'	310.86		304.37 E
CB #84	2' X 3'	327.14	320.23 W 320.23 N	320.03 S
CB #85	2' X 3'	327.06		320.36 E
CB #86	2' X 3'	333.89	327.24 W	327.04 S
CB #87	2' X 3'	333.80		327.37 E
CB #88	2' X 3'	294.25	286.82 S 287.22 N 287.22 E	286.22 W
CB #89	2' X 3'	294.02	286.00 E	285.80 W
CB #90	2' X 3'	293.66	285.44 E 286.62 S	285.24 W
CB #91	2' X 3'	293.65		286.75 N
CB #92	2' X 3'	293.07	284.67 E 285.47 S	284.47 NW
CB #93	2' X 3'	293.08		286.38 N
CB #94	2' X 3'	292.58	285.69 SW 283.99 SE	283.79 NW
CB #95	2' X 3'	292.59		285.82 NE
CB #96	2' X 3'	290.83	282.81 SE	282.61 SW
CB #97	2' X 3'	290.74	282.48 NE	282.28 W
CB #98	2' X 3'	340.87		332.72 W
CB #99	2' X 3'	340.84	332.60 E	332.40 N
CB #100	2' X 3'	333.74		326.76 W
CB #101	2' X 3'	333.74	326.63 E 328.43 S	326.43 NW
CB #102	2' X 3'	332.10	325.73 SE	325.53 N
CB #103	2' X 3'	336.84		329.95 N
CB #104	2' X 3'	336.83	329.83 S	329.63 E

CATCH BASIN TABLE				
CB NO	SIZE	TOP	INV. IN	INV. OUT
CB #105	2' X 3'	332.13	325.44 W 324.44 S	323.44 NE
CB #106	2' X 3'	327.39		320.24 SW
CB #107	2' X 3'	327.47	320.11 SW 320.11 NE	319.91 NW
CB #108	2' X 3'	318.87		311.71 SW
CB #109	2' X 3'	318.87	311.59 SE 311.59 NE	311.39 NW
CB #110	2' X 3'	315.60	309.01 SE	308.81 N
CB #111	2' X 3'	311.85		304.94 SW
CB #112	2' X 3'	312.57	304.80 NE 305.60 S	304.60 NW
CB #113	2' X 3'	313.74	304.25 SE	304.05 N
CB #114	2' X 3'	313.74	303.93 S	303.73 W
CB #115	2' X 3'	319.79		307.24 N
CB #116	2' X 3'	319.81	303.28 E 305.58 S	303.08 N
CB #117	2' X 3'	301.81		295.22 NW
CB #118	2' X 3'	301.79	295.09 SE	294.89 NE
CB #119	2' X 3'	298.50	294.06 SW	293.86 N
CB #120	2' X 3'	297.00		292.56 W
CB #121	2' X 3'	296.99	292.43 S 292.43 E	291.93 N
CB #122	2' X 3'	295.03		290.59 W
CB #123	2' X 3'	295.03	290.46 E 290.02 S	289.82 NW
CB #124	2' X 3'	296.82		289.94 E
CB #125	2' X 3'	296.81	289.82 W	289.62 N
CB #126	2' X 3'	286.80		279.96 E
CB #127	2' X 3'	286.81	279.71 W 281.51 S	279.51 N
CB #128	2' X 3'	279.45		272.87 E
CB #129	2' X 3'	279.44	272.60 W 272.60 S	272.40 N
CB #130	2' X 3'	268.79	262.07 S	261.87 W
CB #131	2' X 3'	268.79	261.74 E	261.54 NW
CB #132	2' X 3'	283.07		276.08 NE
CB #133	2' X 3'	283.16	275.95 SW	275.75 NW
CB #134	2' X 3'	272.93		266.36 NE
CB #135	2' X 3'	272.92	266.23 SW 268.03 SE	266.03 N
CB #136	2' X 3'	269.25		262.65 E
CB #137	2' X 3'	269.24	262.52 W 264.32 S	262.32 N
CB #138	2' X 3'	267.49	261.40 S	261.20 NE
CB #139	2' X 3'	266.49	260.74 SE 260.74 SW	260.54 N
CB #140	2' X 3'	266.49	260.38 S	259.38 E

YARD INLET TABLE				
YI NO	SIZE	TOP	INV. IN	INV. OUT
YI #601	2' X 3'	323.86	319.41 S	319.21 E
YI #602	2' X 3'	324.53		320.09 N
YI #603	2' X 3'	331.87	319.52 N	319.32 S
YI #604	2' X 3'	327.45	318.28 N	318.08 S
YI #605	2' X 3'	319.63	309.26 N	309.06 S
YI #606	2' X 3'	306.55	301.30 N	301.10 S

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SDMH #501	4'	287.76	278.82 S	278.62 N	9.14
SDMH #502	4'	289.91	281.53 E	281.33 SW	8.59
SDMH #503	4'	283.00	276.44 NE	276.24 S	7.01

FES TABLE				
FES NO	SIZE	TOP	INV. IN	INV. OUT
FES #301	24"	279.33		277.00 S
FES #302	18"	276.60		274.81 SW
FES #303	30"	284.87		282.00 E
FES #304	18"	282.79		281.00 E
FES #305	36"	279.42		276.00 N
FES #306	15"	272.38		270.85 NW
FES #307	18"	319.79		318.00 W
FES #308	30"	298.88		296.00 S
FES #309	18"	296.77		294.98 S
FES #310	24"	291.33		289.00 SE
FES #311	18"	288.66		286.86 NE
FES #312	24"	261.33		259.00 W
FES #313	18"	259.79		258.00 W

OCS TABLE				
OCS NO	SIZE	TOP	INV. IN	INV. OUT
OCS #401	2' X 3'	280.00		277.00 NE
OCS #402	2' X 3'	285.01		282.00 W
OCS #403	2' X 3'	276.00		273.00 SE
OCS #404	2' X 3'	299.00		296.00 N
OCS #405	2' X 3'	292.00		289.00 SW
OCS #406	2' X 3'	262.00		259.00 E

DROP INLET TABLE				
DI NO	SIZE	TOP	INV. IN	INV. OUT
DI #201	2' X 3'	303.84		299.45 S
DI #202	2' X 3'	289.93	281.81 W	281.61 E
DI #203	2' X 3'	286.67		282.23 E

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DRAWN BY	SRG
CHECKED BY	SRG

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

STORM DRAINAGE TABLES

DRAWING SHEET

C-8.8

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STREET TREE REQUIREMENT

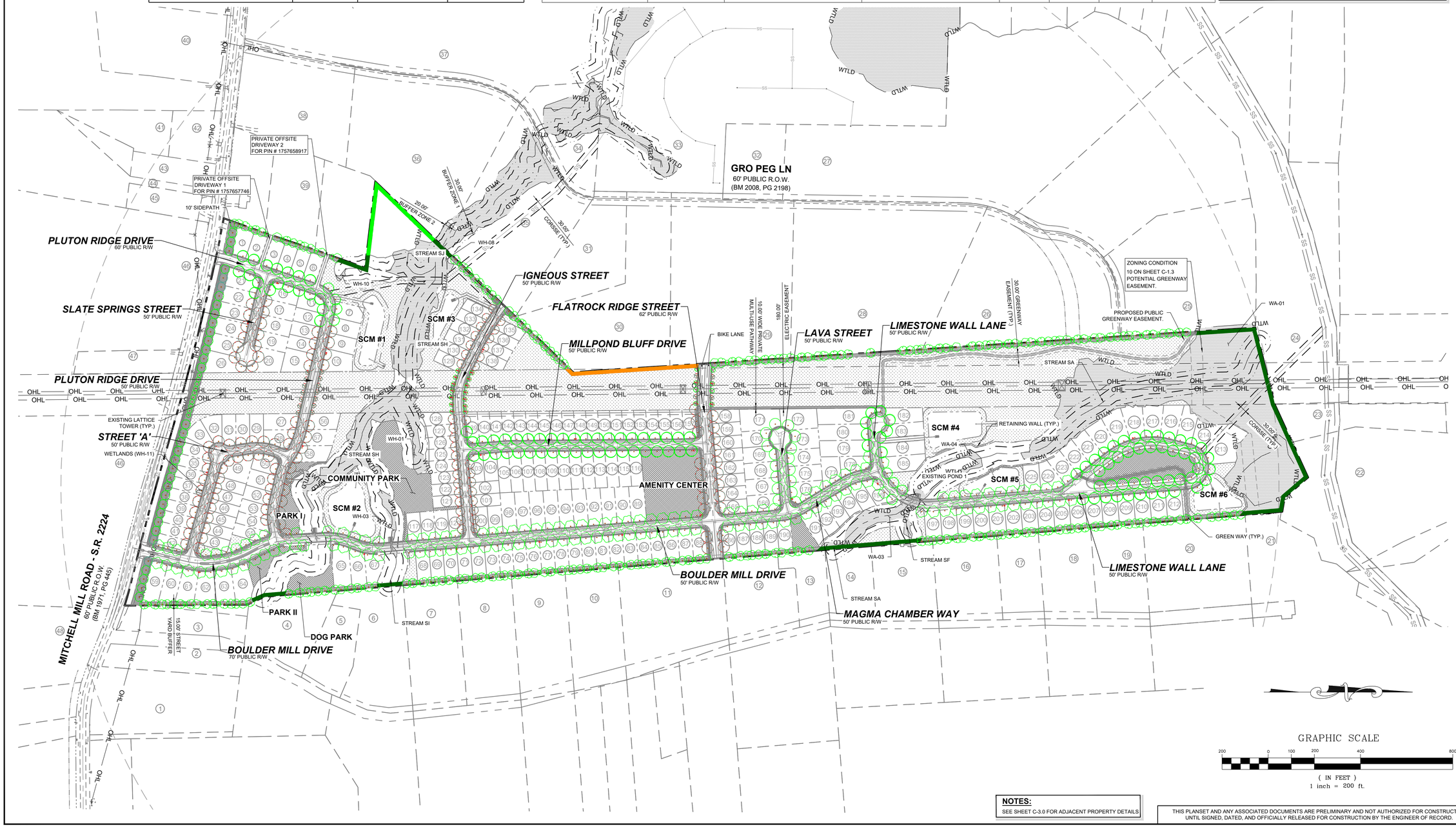
ROAD	LENGTH	NET LENGTH	REQUIRED STREET TREES	TOTAL PROVIDEO
BOULDER MILL DRIVE	x	x	x	89
SLATE SPRINGS STREET	x	x	x	17
PLUTON RIDGE DRIVE	x	x	x	62
IGNEOUS STREET	x	x	x	50
MILLPOND BLUFF DRIVE	x	x	x	40
FLATROCK RIDGE STREET	x	x	x	33
MAGMA CHAMBER WAY	x	x	x	27
LAVA STREET	x	x	x	15
LIMESTONE WALL LANE	x	x	x	89
STREET A	x	x	x	30
		TOTAL	X	452

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
STREET TREES								
	CELLVI	17	CELTIS LAEVIGATA	SUGAR HACKBERRY	10' HT.	B&B	2.5"	
	CHI WHK	18	CHIONNANTHUS VIRGINICUS 'WHITE KNIGHT'	WHITE KNIGHT WHITE FRINGE TREE	8' HT.	B&B	1.5"	
	GYM KEN	8	GYMNOCLADUS DIOICUS	KEN TUCKY COFFEE TREE	10' HT.	B&B	2.5"	
	HAL JER	4	HALESIA CAROLINA 'JERSEY BELLE'	JERSEY BELLE CAROLINA SILVERBELL	8' HT.	B&B	1.5"	
	OST NHT	18	OSTRYA VIRGINIANA 'JFS-KW5'	AUTUMN TREASUREO AMERICAN HOPHORNBEAM	8' HT.	B&B	1.5"	
	QUE GOB	128	QUERCUS ACUTISSIMA 'GOBBLER'	SAWTOOTH OAK	10' HT.	B&B	2.5"	
	QUE FAL	115	QUERCUS FALCATA	SOUTHRN RED OAK	12' HT.	B&B	2.5"	
	QUE NUT	143	QUERCUS NUTTALUI 'QNFTA'	HIGHPOINTO NUTTALL OAK	12' HT.	B&B	2.5"	
SUBTOTAL:		451						

LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- VALLEY/ROLLED CURB & GUTTER
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- WTLD / WTLD — EXISTING WETLAND



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.

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	SCALE	AS SHOWN	
	DESIGNED BY	SRG	SRG
	DRAWN BY	SRG	SRG
	CHECKED BY	SRG	SRG

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

OVERALL LANDSCAPE PLAN

DRAWING SHEET
C-9.0

BUFFER CALCULA TIONS			
PERIMETER BUFFER TYPE 2			
TOTAL LINEAR FOOTAGE (LF)	7116		TABEL 6.2.2.1.F.2 PERIMETER BUFFERTYPE 2
NUMBER OF PLANTS	REQUIRED	PROVIDED	
CANOPY TREES	x	207	
UNDERSTORY TREES	x	69	
SHRUBS	x	3521	
30 FT THOROUGHFARE BUFFER			
TOTAL LINEAR FOOTAGE (LF)	1580.9		TABEL 6.2.2.2 STREET TREES
DUKE EASEMENT LENGTH	187.1		
MITCHELL MILL STREET FRONTAGE	1393.8		
MITCHELL MILL STREET FRONTAGE POWEREASEMENT			
CANOPY TREES	34.8	35	
UNDERSTORY TREES	x	10	

LEGEND:

- BUFFER REQUIREMENT COVERED BY NATURAL FEATURES
- BUFFER REQUIREMENT COVERED BY TREE SAVE AREA
- BUFFER REQUIREMENT INTERFERES WITH DUKE EASEMENT

NOTE:

IN COMPLIANCE WITH LDO 6.2.2.1.C.3:

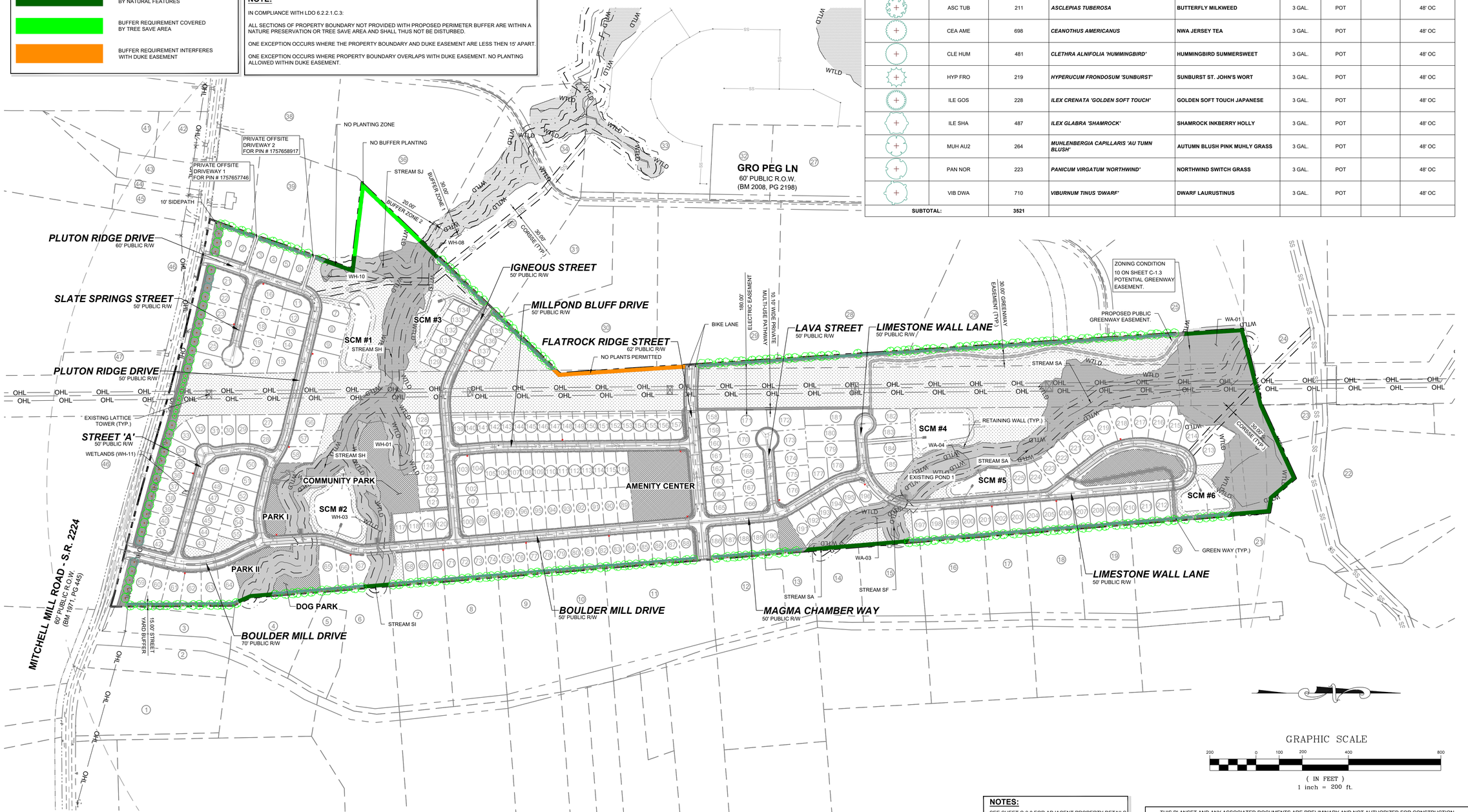
ALL SECTIONS OF PROPERTY BOUNDARY NOT PROVIDED WITH PROPOSED PERIMETER BUFFER ARE WITHIN A NATURE PRESERVATION OR TREE SAVE AREA AND SHALL THUS NOT BE DISTURBED.

ONE EXCEPTION OCCURS WHERE THE PROPERTY BOUNDARY AND DUKE EASEMENT ARE LESS THEN 15' APART.

ONE EXCEPTION OCCURS WHERE PROPERTY BOUNDARY OVERLAPS WITH DUKE EASEMENT. NO PLANTING ALLOWED WITHIN DUKE EASEMENT.

30' THOROUG HF RE BUFFER								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
UNDERSTORY BUFFER								
	AME ARB	2	***AMELANCHIER ARBOREA***	**DOWNY SERVICEBBERRY**	6' HT.	B&B	1.5"	
	COR CHE	4	***CORNUS FLORIDA 'CHEROKEE BRAVE'***	**CHEROKEE BRAVE DOGWOOD**	5' HT.	B&B	1.5"	
	VIB CHI	4	***VIBURNUM AWABUKI 'CHIDO'***	**CHIDO SWEET VIBURNUM**	6' HT.	B&B	1.5"	
SUBTOTAL:		**10**						
CANOPY BUFFER								
	GIN AUT	9	***GINKGO BLOBA 'AUTUMN GOLD'***	**AUTUMN GOLD MAIDENHAIR TREE**	10' HT.	B&B		
	MAG GRA	4	***MAGNOLIA GRANDIFLORA***	**SOUTHRN MAGNOLIA**	12' HT.	B&B	3.0"	
	QUE MAC	22	***QUERCUS MACROCARPA***	**BURR OAK**	12' HT.	B&B	2.5"	
SUBTOTAL:		**35**						

PERIMETER BUFFER TYPE 2								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
CANOPY BUFFER								
	ACE FLD	45	***ACER FLORIDANUM***	**SOUTHERN SUGAR MAPLE**	12' HT.	POT	2.5"	
	NYS SYL	68	***NYSSA SYLVATICA***	**TUPELO**	12' HT.	POT	2.5"	
	QOU NUT	46	***QUERCUS NUTTALLII***	**NUTTALL OAK**	12' HT.	POT	2.5"	
	QUE PR2	48	***QUERCUS PALUSTRIS 'PRINGREEN'***	**GREEN PILLARO PIN OAK**	12' HT.	POT	2.5"	
SUBTOTAL:		**207**						
UNDERSTORY BUFFER								
	AME ARB	26	***AMELANCHIER ARBOREA***	**DOWNY SERVICEBBERRY**	6' HT.	POT	1.5"	
	CER EAS	43	***CERCIS CANADENSIS***	**EASTERN REDBUD MULTI-TRUNK**	5' HT.	POT	1.5"	
SUBTOTAL:		**69**						
BUFFER SHRUBS								
	ASC TUB	211	***ASCLEPIAS TUBEROSA***	**BUTTERFLY MILKWEED**	3 GAL.	POT		48" OC
	CEA AME	698	***CEANOTHUS AMERICANUS***	**NWA JERSEY TEA**	3 GAL.	POT		48" OC
	CLE HUM	481	***CLETHRA ALNIFOLIA 'HUMMINGBIRD'***	**HUMMINGBIRD SUMMERSWEET**	3 GAL.	POT		48" OC
	HYP FRO	219	***HYPERUCUM FRONDOSUM 'SUNBURST'***	**SUNBURST ST. JOHN'S WORT**	3 GAL.	POT		48" OC
	ILE GOS	228	***ILEX CRENATA 'GOLDEN SOFT TOUCH'***	**GOLDEN SOFT TOUCH JAPANESE**	3 GAL.	POT		48" OC
	ILE SHA	487	***ILEX GLABRA 'SHAMROCK'***	**SHAMROCK INKBERRY HOLLY**	3 GAL.	POT		48" OC
	MUH AU2	264	***MUHLENBERGIA CAPILLARIS 'AU TUMN BLUSH'***	**AUTUMN BLUSH PINK MUHLY GRASS**	3 GAL.	POT		48" OC
	PAN NOR	223	***PANICUM VIRGATUM 'NORTHWIND'***	**NORTHWIND SWITCH GRASS**	3 GAL.	POT		48" OC
	VIB DWA	710	***VIBURNUM TINUS 'DWARF'***	**DWARF LAURUSTINUS**	3 GAL.	POT		48" OC
SUBTOTAL:		**3521**						



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS.

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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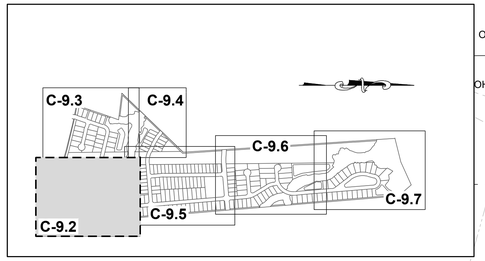
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

PERIMETER BUFFER PLAN

DRAWING SHEET
C-9.1

48 OF 72



SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

MATCH LINE
FOR CONTINUATION, SEE C-9.3

MATCH LINE
FOR CONTINUATION, SEE C-9.5

PLUTON RIDGE DRIVE
50' PUBLIC R/W

STREET 'A'
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 197-1, PG 445)

MANLY FARM RD

ELECTRIC EASEMENT

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

SCM #2

STREAM SH

STREAM SI

WETLANDS (WH-11)

WH-01

WH-03

COMMUNITY PARK

PARK I

PARK II

DOG PARK

25.00' ROW DEDICATION

10.00' SIDEPATH

30.00' STREET YARD BUFFER

10' SIDEPATH

POWER POLE TO BE RELOCATED BY POWER COMPANY.

7.59'
3' MINIMUM CLEARANCE, TYP.

27.08'
3' MINIMUM CLEARANCE, TYP.

6.36'
3' MINIMUM CLEARANCE, TYP.

14.79'
3' MINIMUM CLEARANCE, TYP.

30.00' BUFFER ZONE

29.00' BUFFER ZONE 2

15.00' TYPE 1 PERIMETER BUFFER

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

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

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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

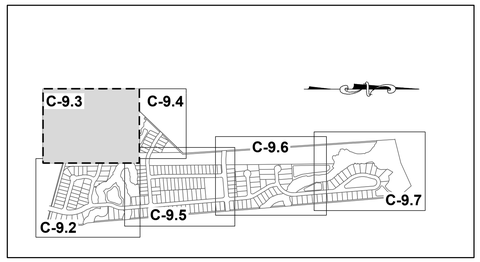
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STRONG ROCK PROJECT	
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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

PARTIAL LANDSCAPE PLAN I

DRAWING SHEET
C-9.2



SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

10' SIDEPATH

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

PLUTON RIDGE DRIVE
60' PUBLIC R/W

BM 2017 PG 218

MATCH LINE
FOR CONTINUATION, SEE C-9.4

WH-10

STREAM SJ

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

WTLD

SCM MAINTENANCE EASEMENT (TYP.)

30.00' OSSE

WH-08

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

MITCHELL MILL ROAD - S.R. 2224
80' PUBLIC R.O.W.
(BM 1971, PG 445)

SLATE SPRINGS STREET
50' PUBLIC R/W

5.63'
3' MINIMUM CLEARANCE, TYP.

14.38'
3' MINIMUM CLEARANCE, TYP.

SCM #1

PLUTON RIDGE DRIVE
50' PUBLIC R/W

STREAM SH

6.76'
3' MINIMUM CLEARANCE, TYP.

ELECTRIC EASEMENT

INV:322.6'
INV 15RCP

INV: 322.6'
INV: 15RCP

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

EXISTING LATTICE TOWER, POWER COMPANY TO PROVIDE NECESSARY SAFETY MEASURES

MATCH LINE
FOR CONTINUATION, SEE C-9.2

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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

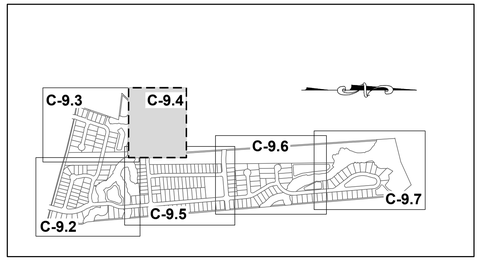
PARTIAL LANDSCAPE PLAN II

DRAWING SHEET

C-9.3

50 OF 72

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SITE KEY PLAN

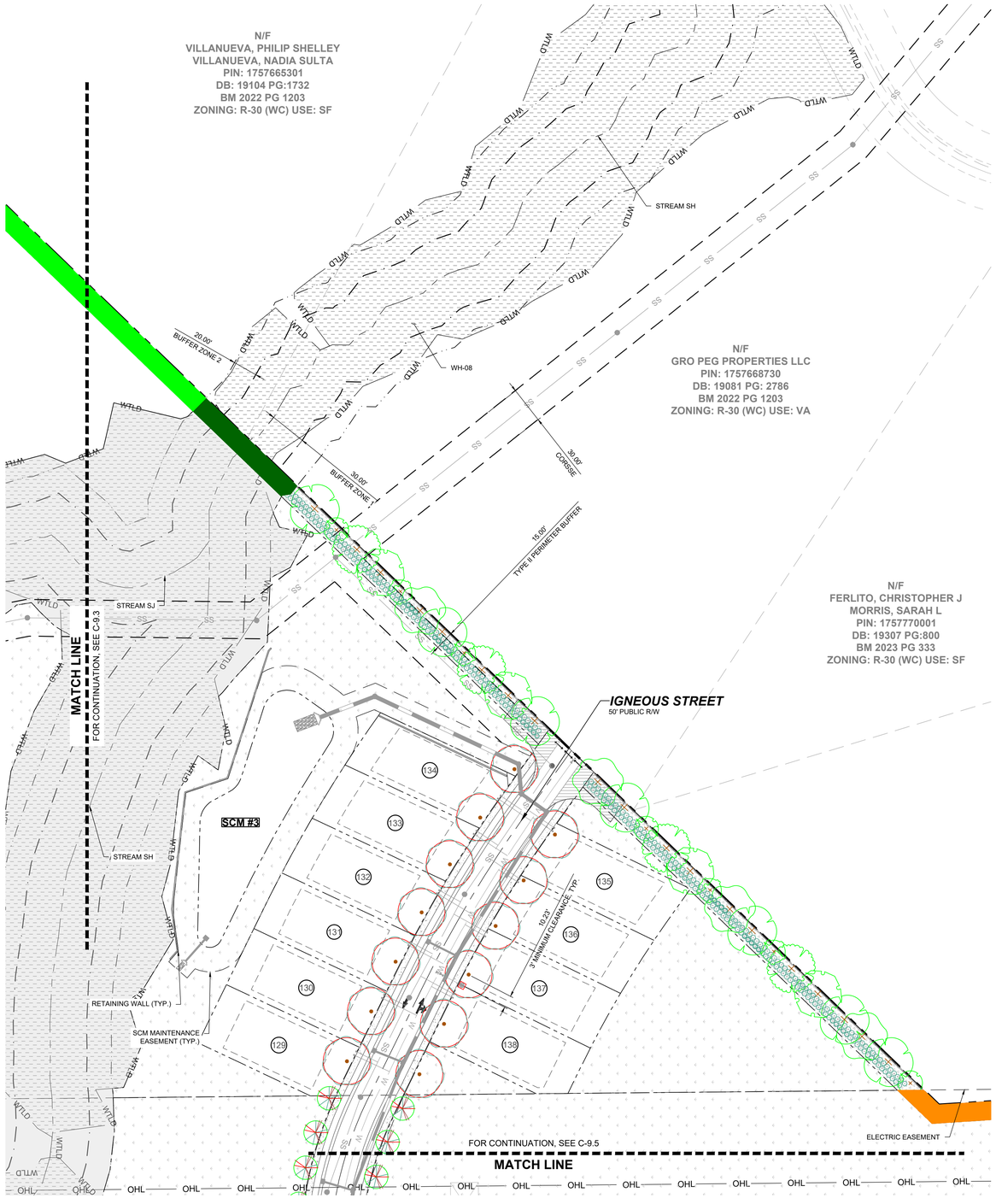
LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

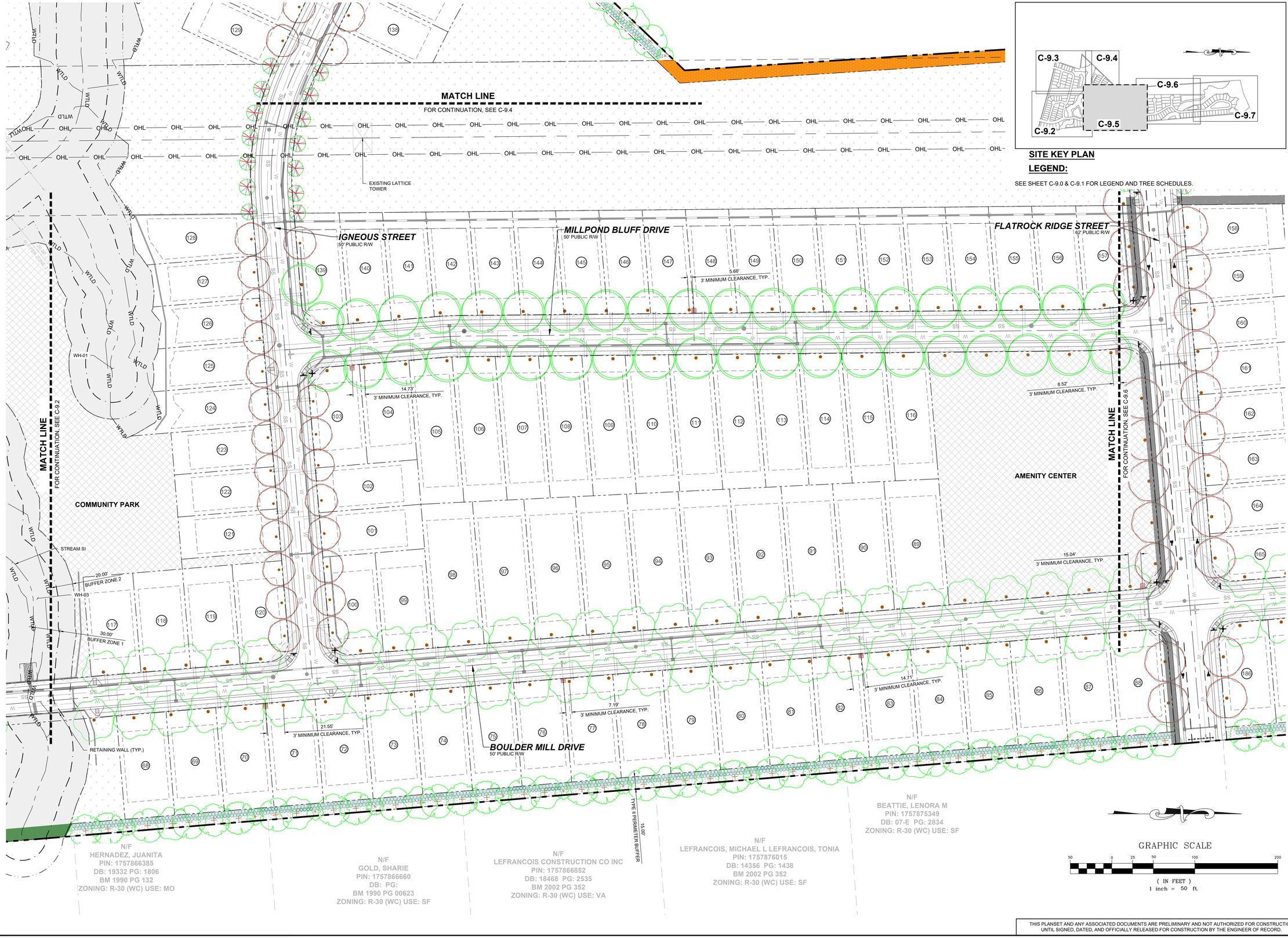
PARTIAL LANDSCAPE PLAN III

DRAWING SHEET

C-9.4

51 OF 72

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SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

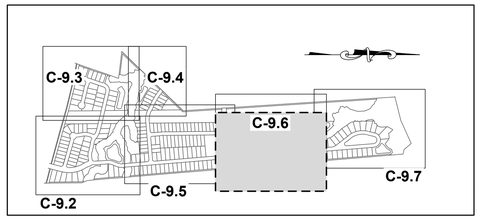
PARTIAL LANDSCAPE PLAN IV

DRAWING SHEET

C-9.5

52 OF 72

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GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN
LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

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

15.00' TYPE II PERIMETER BUFFER

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

PROPOSED PUBLIC GREENWAY EASEMENT

30.00'

10.00' PUBLIC GREENWAY (TYP.)

ELECTRIC EASEMENT 180.0'

MATCH LINE
FOR CONTINUATION SEE C-9.7

FLATROCK RIDGE STREET
62' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

MATCH LINE
FOR CONTINUATION, SEE C-9.5

SCM #4

SCM #5

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

STREAM SA

STREAM SF

WA-03

WTLD

8.40'
3' MINIMUM CLEARANCE, TYP.

14.13'
3' MINIMUM CLEARANCE, TYP.

20.42'
3' MINIMUM CLEARANCE, TYP.

3' MINIMUM CLEARANCE, TYP.

9.32'
3' MINIMUM CLEARANCE, TYP.

30.0'
BUFFER ZONE 1

20.0'
BUFFER ZONE 2

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

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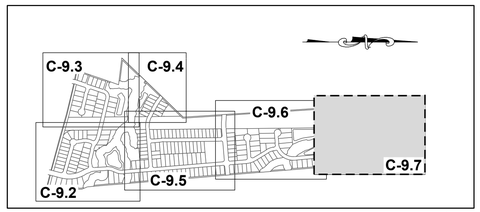
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT

PARTIAL LANDSCAPE PLAN V

DRAWING SHEET
C-9.6

PROGRESS PLOT DATE: 04/29/2025



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 & C-9.1 FOR LEGEND AND TREE SCHEDULES.

BM 2009 PG 645
ZONING: R-30 (WC) USE: VA

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

TYPE II PERIMETER BUFFER 15.00'

50.00' PROPOSED PUBLIC GREENWAY EASEMENT (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT

EX. MH-28
STA: 15+72.93
RIM=254.41
INV IN=238.91 (MH-29)
INV OUT=238.91 (MH-27)

40' EX. SANITARY SEWER EASEMENT

30.00' CORRIDOR

180.0' ELECTRIC EASEMENT

EX. MH-29
STA: 19+77.26
RIM=253.11
INV IN=240.26 (MH-30)
INV OUT=240.26 (MH-28)

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

EX. MH-30
STA: 22+14.66
RIM=251.44
INV IN=241.00 (MH-31)
INV OUT=241.05 (MH-29)

EX. MH-31
STA: 25+39.42
RIM=252.21
INV IN=242.08 (MH-32)
INV OUT=242.08 (MH-30)

MATCH LINE
FOR CONTINUATION, SEE C-9.6

STREAM SA

WTLD

BUFFER ZONE 2 20.00'

BUFFER ZONE 1 30.00'

8.78' 3' MINIMUM CLEARANCE, TYP.

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

SCM #5

SCM #6

11.26' 3' MINIMUM CLEARANCE, TYP.

10.73' 3' MINIMUM CLEARANCE, TYP.

LIMESTONE WALL LANE
50' PUBLIC R/W

GREEN WAY (TYP.)

SCM MAINTENANCE EASEMENT

TYPE II PERIMETER BUFFER 15.00'

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

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

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SEAL:

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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
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

PARTIAL LANDSCAPE PLAN VI

DRAWING SHEET

C-9.7

54 OF 72

PROGRESS PLOT DATE: 04/29/2025



LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

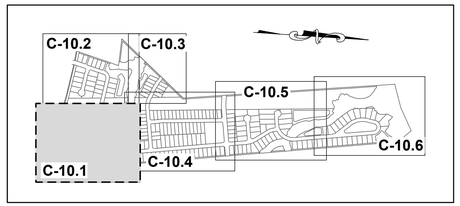
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	SCALE AS SHOWN	CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL PRESERVATION PLAN

DRAWING SHEET
C-10.0

55 OF 72



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
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- CRZ FOR TREES WILL BE PRESERVED
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- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

MATCH LINE
FOR CONTINUATION, SEE C-10.2

MATCH LINE
FOR CONTINUATION, SEE C-10.4

PLUTON RIDGE DRIVE
50' PUBLIC R/W

STREET 'A'
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

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

MANLY FARM RD

ELECTRIC EASEMENT

20.00' BUFFER ZONE 2

30.00' BUFFER ZONE 1

STREAM SI

STREAM SH

WETLANDS (WH-11)

PARK I

PARK II

SCM #2

COMMUNITY PARK

DOG PARK

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

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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL

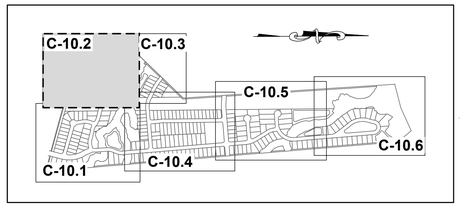
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN I

DRAWING SHEET
C-10.1

56 OF 72



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

N/F
UTILITY THREE BUILDERS INC
PIN: 1757656231
DB: 18226 PG: 2104
ZONING: R-30 (WC) USE: SF

WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON
PIN: 1757657280
DB 2958 PG 536
BM 1981 PG 294
ZONING: R-30 (WC) USE: SF

N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG:895
ZONING: R-30 (WC) / USE: SF

N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

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

N/F
HAMPTON, MELODY L
PIN: 1757754163
DB: 4777 PG: 764
BM 1990 PG 511
ZONING: R-30 (WC) USE: SF

ROCK FARM ROAD
60' PRIVATE R/W

SLATE SPRINGS STREET
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

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

MATCH LINE
FOR CONTINUATION, SEE C-10.3

MATCH LINE
FOR CONTINUATION, SEE C-10.1

SCM #1

20.00'
BUFFER ZONE 2

30.00'
BUFFER ZONE 1

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

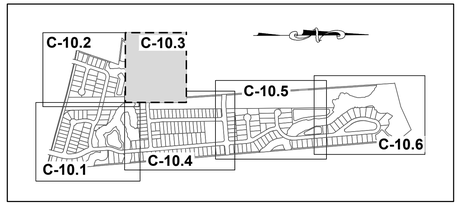
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN II

DRAWING SHEET
C-10.2

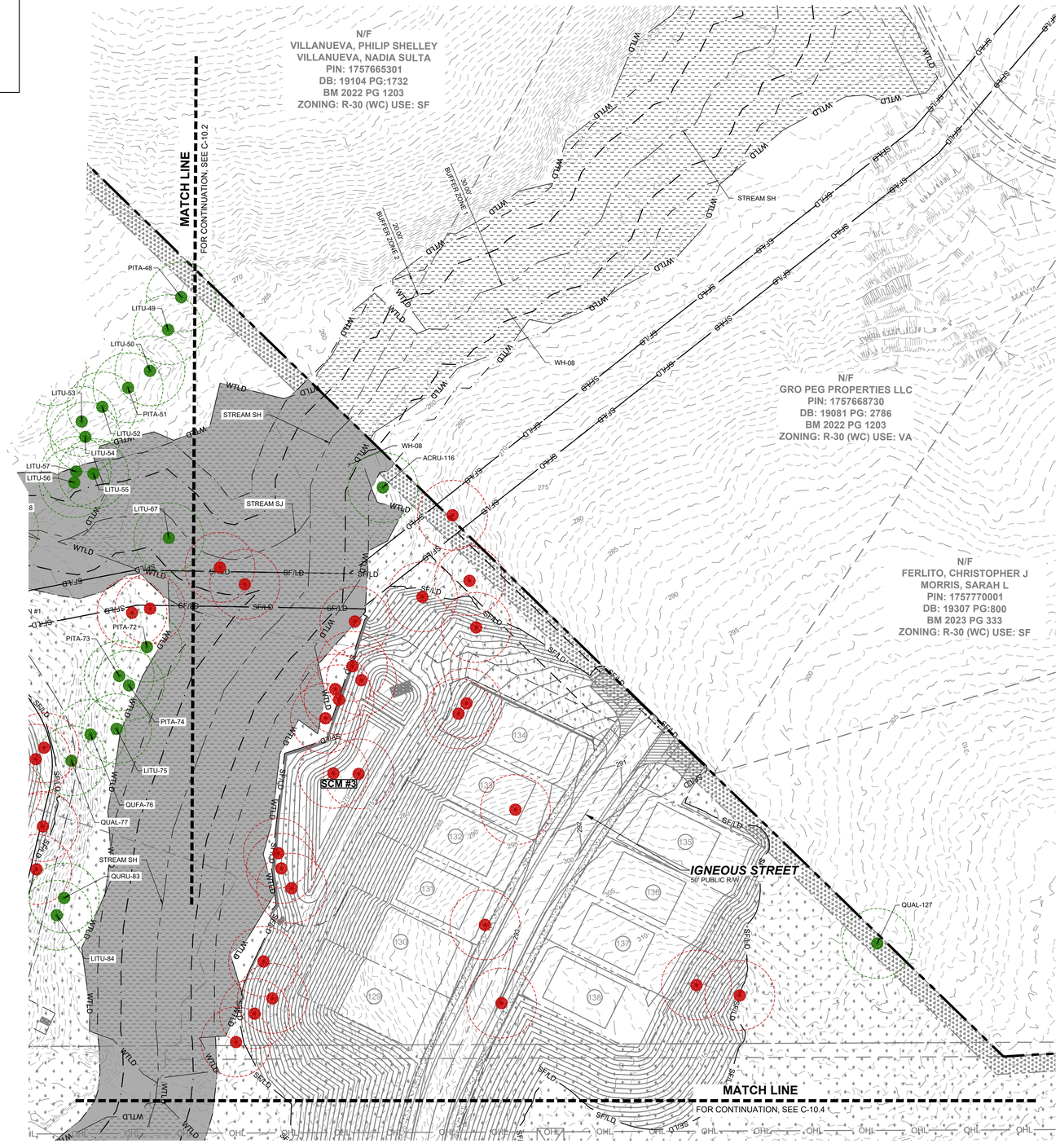
57 OF 72



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE



GRAPHIC SCALE

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(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN III

DRAWING SHEET
C-10.3

58 OF 72

PROGRESS PLOT DATE: 04/29/2025

LEGEND:

- TREES WILL BE PRESERVED
- TREES WILL BE REMOVED
- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

MATCH LINE
FOR CONTINUATION, SEE C-10.3

IGNEOUS STREET
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

MATCH LINE
FOR CONTINUATION, SEE C-10.1

MATCH LINE
FOR CONTINUATION, SEE C-10.5

COMMUNITY PARK

AMENITY CENTER

BUFFER ZONE 1 — 30.0'

BUFFER ZONE 2 — 20.0'

STREAM SI

SB #2

N/F
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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN
C-10.1 C-10.2 C-10.3 C-10.4 C-10.5 C-10.6

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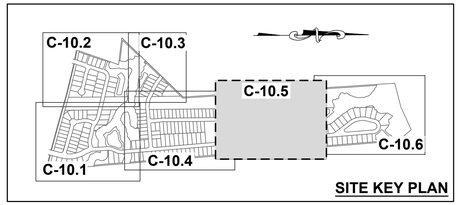
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN IV

DRAWING SHEET
C-10.4

59 OF 72

PROGRESS PLOT DATE: 04/29/2025



SITE KEY PLAN

LEGEND:

- TREES WILL BE PRESERVED
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- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
- LD — LIMIT OF DISTURBANCE
- SF/LD — SILT FENCE/LIMIT OF DISTURBANCE
- TPF — TREE PROTECTION FENCE

N/F
GRO PEG PROPERTIES LLC
PIN: 1757771603
DB: 18359 PG:1707
BM 2023 PG 333
ZONING: R-30 (WC) USE: VA

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

MATCH LINE
FOR CONTINUATION, SEE C-10.4

MATCH LINE
FOR CONTINUATION, SEE C-10.6

LAVA STREET
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

LIMESTONE WALL LANE
50' PUBLIC R/W

SCM #4

SCM #5

STREAM SA

100' ELECTRIC EASEMENT

50' BUFFER ZONE 1

20' BUFFER ZONE 2

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

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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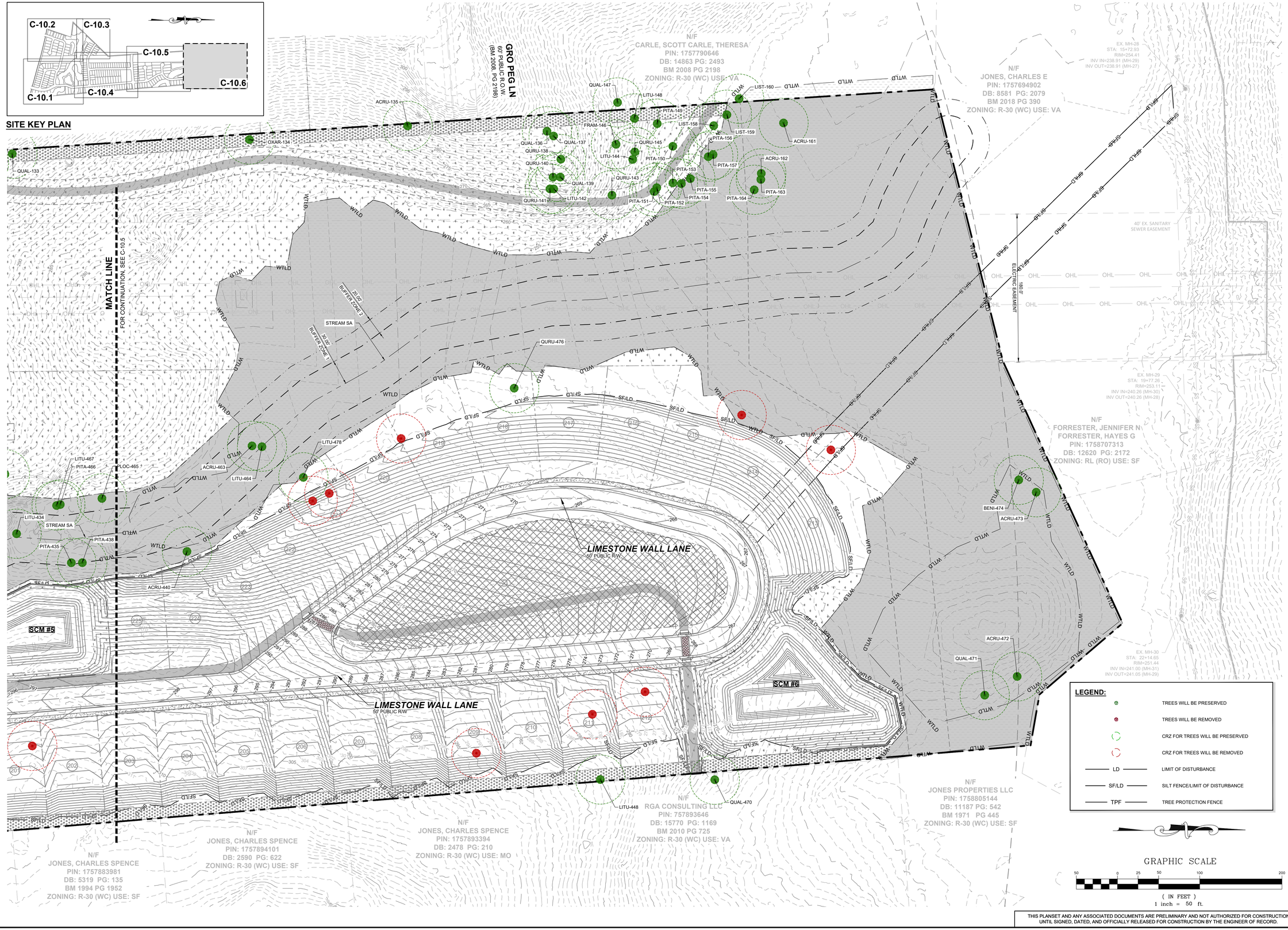
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN V

DRAWING SHEET
C-10.5

60 OF 72

PROGRESS PLOT DATE: 04/29/2025

SITE KEY PLAN



LEGEND:

- TREES WILL BE PRESERVED
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- CRZ FOR TREES WILL BE PRESERVED
- CRZ FOR TREES WILL BE REMOVED
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN VI

DRAWING SHEET
C-10.6

61 OF 72

TREE TO BE PRESERVED			
NO OF TREE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
1	QUNI	20	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
67	LITU	22	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
83	QURU	20	FAIR
84	LITU	26	FAIR
116	ACRU	18	FAIR
127	QUAL	20	FAIR
128	PITA	25	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

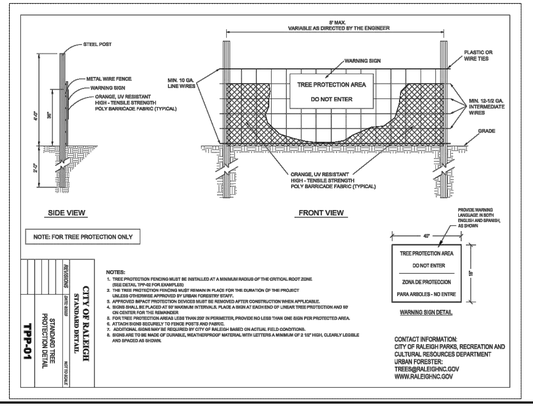
TREE TO BE PRESERVED			
NO OF TREE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
158	LIST	19	FAIR
159	LIST	19	FAIR
160	LIST	21	FAIR
161	ACRU	25	FAIR
162	ACRU	20	FAIR
163	PITA	20	FAIR
164	PITA	20	FAIR
179	PLAC1	23	POOR
180	PLAC1	18	FAIR
181	LITU	36	GOOD
182	PLAC1	25	GOOD
183	LITU	28	GOOD
184	LIST	18	GOOD
185	LIST	21	GOOD
186	LITU	24	FAIR
187	QUAL	18	GOOD
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
244	LITU	18	GOOD
245	QURU	19	GOOD
246	QURU	24	FAIR
247	QUAL	18	GOOD
251	QURU	19	FAIR
266	LITU	28	GOOD
267	LITU	31	FAIR
268	QUAL	33	POOR
271	QURU	31	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
292	LITU	28	FAIR
293	PITA	24	FAIR
294	PLOC	23	FAIR
295	ACRU	24	POOR
297	QURU	26	FAIR
298	LITU	20	FAIR
299	QUAL	19	FAIR
301	LITU	18	FAIR
302	PITA	20	FAIR
317	LITU	23	FAIR
324	QUAL	23	FAIR
325	QUAL	27	FAIR
326	PITA	20	FAIR
327	QUAL	27	FAIR
328	PLOC	22	FAIR
329	QUFA	24	POOR
332	LITU	19	FAIR
333	LITU	19	FAIR
338	LITU	21	FAIR
339	LITU	27	FAIR
340	LITU	19	FAIR
341	QUNI	20	FAIR
342	QURU	19	FAIR

TREE TO BE PRESERVED			
NO OF TREE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
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
356	LITU	24	POOR
357	LITU	24	FAIR
358	LITU	19	FAIR
359	LITU	19	FAIR
360	LITU	25	FAIR
361	LIST	18	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	FAIR
372	LITU	23	FAIR
373	LITU	18	FAIR
374	PITA	25	FAIR
375	LITU	19	FAIR
406	QUAL	19	FAIR
409	LITU	20	FAIR
410	ACRU	20	FAIR
411	LITU	18	FAIR
412	LITU	23	FAIR
414	LITU	21	FAIR
415	LITU	24	FAIR
418	QUAL	24	FAIR
419	QUAL	19	FAIR
421	QUAL	19	FAIR
428	LITU	20	FAIR
429	PITA	20	FAIR
430	QUAL	20	FAIR
431	PITA	21	FAIR
432	QUAL	24	FAIR
433	QUAL	19	FAIR
434	LITU	19	FAIR
435	PITA	20	FAIR
436	LITU	21	FAIR
437	QUAL	21	FAIR
438	PITA	20	FAIR
439	ACRU	18	FAIR
440	ACRU	24	FAIR
442	LITU	26	FAIR
443	PITA	23	FAIR
446	LITU	20	FAIR
448	LITU	19	FAIR
462	CATO	18	FAIR
463	ACRU	24	FAIR
464	LITU	19	FAIR
465	PLOC	20	FAIR
466	PITA	20	FAIR
467	LITU	18	FAIR
470	QUAL	24	FAIR
471	QUAL	21	FAIR
472	ACRU	18	FAIR
473	ACRU	21	FAIR
474	BENI	18	FAIR
476	QURU	19	FAIR
478	LITU	19	FAIR

TREE TO BE REMOVED			
TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
CONIFERS	2	PITA	25
CONIFERS	5	PIST	25
CONIFERS	8	PITA	21
CONIFERS	9	PITA	20
CONIFERS	10	PITA	24
CONIFERS	11	PITA	26
CONIFERS	12	PITA	24
CONIFERS	13	PITA	23
CONIFERS	14	PITA	21
CONIFERS	16	PITA	26
CONIFERS	17	PITA	24
CONIFERS	18	PITA	21
CONIFERS	19	PITA	25
CONIFERS	20	PITA	20
CONIFERS	21	PITA	21
CONIFERS	23	PITA	33
CONIFERS	24	PITA	26
CONIFERS	25	PITA	24
CONIFERS	29	PITA	24
CONIFERS	63	PITA	21
CONIFERS	64	PITA	40
CONIFERS	92	PITA	24
CONIFERS	93	PITA	25
CONIFERS	94	PITA	25
CONIFERS	95	PITA	31
CONIFERS	96	PITA	25
CONIFERS	97	PITA	24
CONIFERS	101	PITA	24
CONIFERS	102	PITA	21
CONIFERS	104	PITA	24
CONIFERS	107	PITA	24
CONIFERS	108	PITA	23
CONIFERS	111	PITA	25
CONIFERS	112	PITA	20
CONIFERS	113	PITA	21
CONIFERS	114	PITA	26
CONIFERS	120	PITA	21
CONIFERS	121	PITA	20
CONIFERS	167	PITA	20
CONIFERS	168	PITA	22
CONIFERS	169	PITA	24
CONIFERS	170	PITA	20
CONIFERS	171	PITA	26
CONIFERS	172	PITA	24
CONIFERS	196	PLAC1	23
CONIFERS	200	PITA	30
CONIFERS	201	PITA	20
CONIFERS	202	PITA	27
CONIFERS	203	PITA	28
CONIFERS	211	PITA	32
CONIFERS	214	PISE	31
CONIFERS	272	PITA	27
CONIFERS	300	PITA	21
CONIFERS	306	PITA	20
CONIFERS	307	PITA	20
CONIFERS	308	PITA	20
CONIFERS	309	PITA	24
CONIFERS	310	PITA	20
CONIFERS	313	PITA	21
CONIFERS	314	PITA	21
CONIFERS	315	PITA	20
CONIFERS	316	PITA	20
CONIFERS	321	PITA	20
CONIFERS	322	PITA	20
CONIFERS	323	PITA	24
CONIFERS	331	PITA	24
CONIFERS	354	PITA	20
CONIFERS	389	PITA	20
CONIFERS	390	PITA	20
CONIFERS	391	PITA	20
CONIFERS	416	PITA	24
CONIFERS	426	PITA	20
CONIFERS	427	PITA	20
CONIFERS	454	PITA	23
CONIFERS	456	PITA	20
CONIFERS	457	PITA	20
CONIFERS	458	PITA	24
CONIFERS	459	PITA	21
CONIFERS	468	PITA	20
TOTAL			79

TREE TO BE REMOVED			
TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
DECIDUOUS	3	CEOC	26
DECIDUOUS	4	ULAL	23
DECIDUOUS	6	CAIL	28
DECIDUOUS	7	CAIL	22
DECIDUOUS	15	LITU	18
DECIDUOUS	22	LITU	21
DECIDUOUS	26	PLOC	29
DECIDUOUS	27	PLOC	27
DECIDUOUS	28	ULAM	18
DECIDUOUS	30	LITU	25
DECIDUOUS	65	LITU	24
DECIDUOUS	66	LITU	18
DECIDUOUS	68	ACRU	22
DECIDUOUS	69	LITU	21
DECIDUOUS	70	LITU	28
DECIDUOUS	71	LITU	21
DECIDUOUS	78	QUFA	28
DECIDUOUS	79	QUAL	20
DECIDUOUS	80	QUAL	30
DECIDUOUS	81	QURU	19
DECIDUOUS	82	QUAL	24
DECIDUOUS	85	QURU	19
DECIDUOUS	86	QUAL	32
DECIDUOUS	87	QUAL	18
DECIDUOUS	88	QUAL	24
DECIDUOUS	89	QUAL	33
DECIDUOUS	90	QUAL	22
DECIDUOUS	91	QUAL	24
DECIDUOUS	98	LIST	19
DECIDUOUS	99	ULAL	18
DECIDUOUS	100	LITU	21
DECIDUOUS	103	LITU	31
DECIDUOUS	105	ACRU	23
DECIDUOUS	106	NYSY	18
DECIDUOUS	109	LITU	24
DECIDUOUS	110	LIST	19
DECIDUOUS	115	QUAL	48
DECIDUOUS	117	QUAL	26
DECIDUOUS	118	QUAL	25
DECIDUOUS	119	LITU	19
DECIDUOUS	122	QUAL	20
DECIDUOUS	123	QUAL	27
DECIDUOUS	124	ACRU	20
DECIDUOUS	125	CATO	25
DECIDUOUS	126	LITU	25
DECIDUOUS	129	LIST	20
DECIDUOUS	165	ACRU	25
DECIDUOUS	166	LITU	20
DECIDUOUS	173	QUNI	18
DECIDUOUS	174	QUNI	25
DECIDUOUS	175	QUNI	31
DECIDUOUS	176	LITU	29
DECIDUOUS	177	LITU	35
DECIDUOUS	178	LITU	18
DECIDUOUS	188	LITU	18
DECIDUOUS	189	LITU	21
DECIDUOUS	190	LITU	23
DECIDUOUS	191	QUAL	22
DECIDUOUS	192	QUAL	24
DECIDUOUS	193	LITU	25
DECIDUOUS	194	LITU	18
DECIDUOUS	195	LITU	19
DECIDUOUS	197	LITU	20
DECIDUOUS	198	LITU	19
DECIDUOUS	199	LITU	18
DECIDUOUS	204	LIST	18
DECIDUOUS	205	LITU	20
DECIDUOUS	206	LITU	18
DECIDUOUS	207	ACRU	26
DECIDUOUS	208	ACRU	29
DECIDUOUS	209	CEOC	24
DECIDUOUS	210	ACRU	24
DECIDUOUS	212	ACRU	30
DECIDUOUS	213	LIST	21
DECIDUOUS	216	LITU	27
DECIDUOUS	217	ACRU	18
DECIDUOUS	218	LITU	21
DECIDUOUS	219	LITU	36
DECIDUOUS	220	LITU	20
DECIDUOUS	221	LITU	32
DECIDUOUS	222	LITU	35
DECIDUOUS	223	LITU	22
DECIDUOUS	224	ACRU	24
DECIDUOUS	225	QUAL	28
DECIDUOUS	226	LITU	18
DECIDUOUS	227	LITU	25
DECIDUOUS	228	LITU	23
DECIDUOUS	229	LITU	23
DECIDUOUS	230	LITU	26
DECIDUOUS	231	LITU	35
DECIDUOUS	232	LITU	31
DECIDUOUS	241	LITU	22
DECIDUOUS	248	QUAL	25
DECIDUOUS	249	QUAL	23

TREE TO BE REMOVED			
TYPE	NO OF TREE	BOTANICAL NAME	CALIPER INCHES
DECIDUOUS	250	QURU	21
DECIDUOUS	252	ACRU	18
DECIDUOUS	253	ULAM	35
DECIDUOUS	254	QUAL	25
DECIDUOUS	255	ACRU	28
DECIDUOUS	256	QUNI	18
DECIDUOUS	257	ACRU	18
DECIDUOUS	258	LITU	19
DECIDUOUS	259	PLOC	38
DECIDUOUS	260	LITU	30
DECIDUOUS	261	LITU	21
DECIDUOUS	262	LITU	24
DECIDUOUS	263	LITU	31
DECIDUOUS	264	LITU	42
DECIDUOUS	265	LITU	24
DECIDUOUS	269	QURU	24
DECIDUOUS	270	QUAL	24
DECIDUOUS	273	QUAL	38
DECIDUOUS	288	LITU	22
DECIDUOUS	290	LIST	24
DECIDUOUS	291	LIST	18
DECIDUOUS	296	LITU	20
DECIDUOUS	303	QUFA	20
DECIDUOUS	304	LITU	20
DECIDUOUS	305	QURU	20
DECIDUOUS	311	QURU	18
DECIDUOUS	312	QUAL	20
DECIDUOUS	318	LITU	20
DECIDUOUS	319	QUAL	37
DECIDUOUS	320	QUAL	36
DECIDUOUS	330	LITU	20
DECIDUOUS	334	QURU	23
DECIDUOUS	335	QURU	25
DECIDUOUS	336	LITU	20
DECIDUOUS	337	QUFA	24
DECIDUOUS	352	QUNI	36
DECIDUOUS	353	QUNI	32
DECIDUOUS	355	LIST	20
DECIDUOUS	362	QUNI	26
DECIDUOUS	376	QUAL	24
DECIDUOUS	377	QURU	18
DECIDUOUS	378	QUAL	18
DECIDUOUS	379	CATO	19
DECIDUOUS	380	QURU	18
DECIDUOUS	381	PLOC	19
DECIDUOUS	382	QUFA	18
DECIDUOUS	383	QUAL	21
DECIDUOUS	384	LITU	31
DECIDUOUS	385	LITU	18
DECIDUOUS	386	CATO	24
DECIDUOUS	387	CATO	18
DECIDUOUS	388	QUAL	19
DECIDUOUS	392	QUAL	30
DECIDUOUS	393	QUAL	25
DECIDUOUS	394	QUAL	20
DECIDUOUS	395	QUFA	24
DECIDUOUS	396	QUAL	21
DECIDUOUS	397	QUAL	21
DECIDUOUS	398	QUAL	19
DECIDUOUS	399	QUAL	20
DECIDUOUS	400	ULAL	36
DECIDUOUS	401	ULAL	19
DECIDUOUS	402	QUAL	18
DECIDUOUS	403	QUAL	18
DECIDUOUS	404	QUFA	22
DECIDUOUS	405	QUFA	26
DECIDUOUS	407	QUAL	21
DECIDUOUS	408	QUAL	20
DECIDUOUS	413	QUAL	21
DECIDUOUS	417	QUAL	21
DECIDUOUS	420	QUAL	18
DECIDUOUS	422	QUAL	19
DECIDUOUS	423	LITU	38
DECIDUOUS	424	QUAL	18
DECIDUOUS	425	ACRU	19
DECIDUOUS	441	QUAL	18
DECIDUOUS	444	CATO	18
DECIDUOUS	445	QUAL	19
DECIDUOUS	447	LITU	30
DECIDUOUS	449	QUAL	21
DECIDUOUS	450	QUAL	18
DECIDUOUS	451	QUAL	18
DECIDUOUS	452	ACRU	24
DECIDUOUS	453	QUAL	21
DECIDUOUS	455	CAGL	19
DECIDUOUS	460	QUFA	20
DECIDUOUS	461	QUAL	20
DECIDUOUS	469	LITU	19
DECIDUOUS	475	QURU	18
DECIDUOUS	477	LIST	19
DECIDUOUS	479	LITU	21
DECIDUOUS	480	ACRU	24
TOTAL			186



TREE TYPE	CODE SECTION	CALIPERMIN. (")	REPLACEMENT RATE	NUMBER OF QUALIFING TREES	NUMBER OF REPLACEMENT TREES
EVERGREEN *	6.2.4.5.B.2 & 6.2.4.5.B.3	20	4 TREES	79	316
DECIDUOUS*		18	4 TREES	186	744
ALL**	6.2.4.5.B.4	60	60"	-	-
			TOTAL:		1060
* REPLACEMENT TREES TO BE OF SIMILAR SPECIES AND SIZE					
** REPLACEMENT TREE MIN 3" CALIPER					

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-24-03	11/01/2024	SREG
3	TOWN OF ROLESVILLE V4-PSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

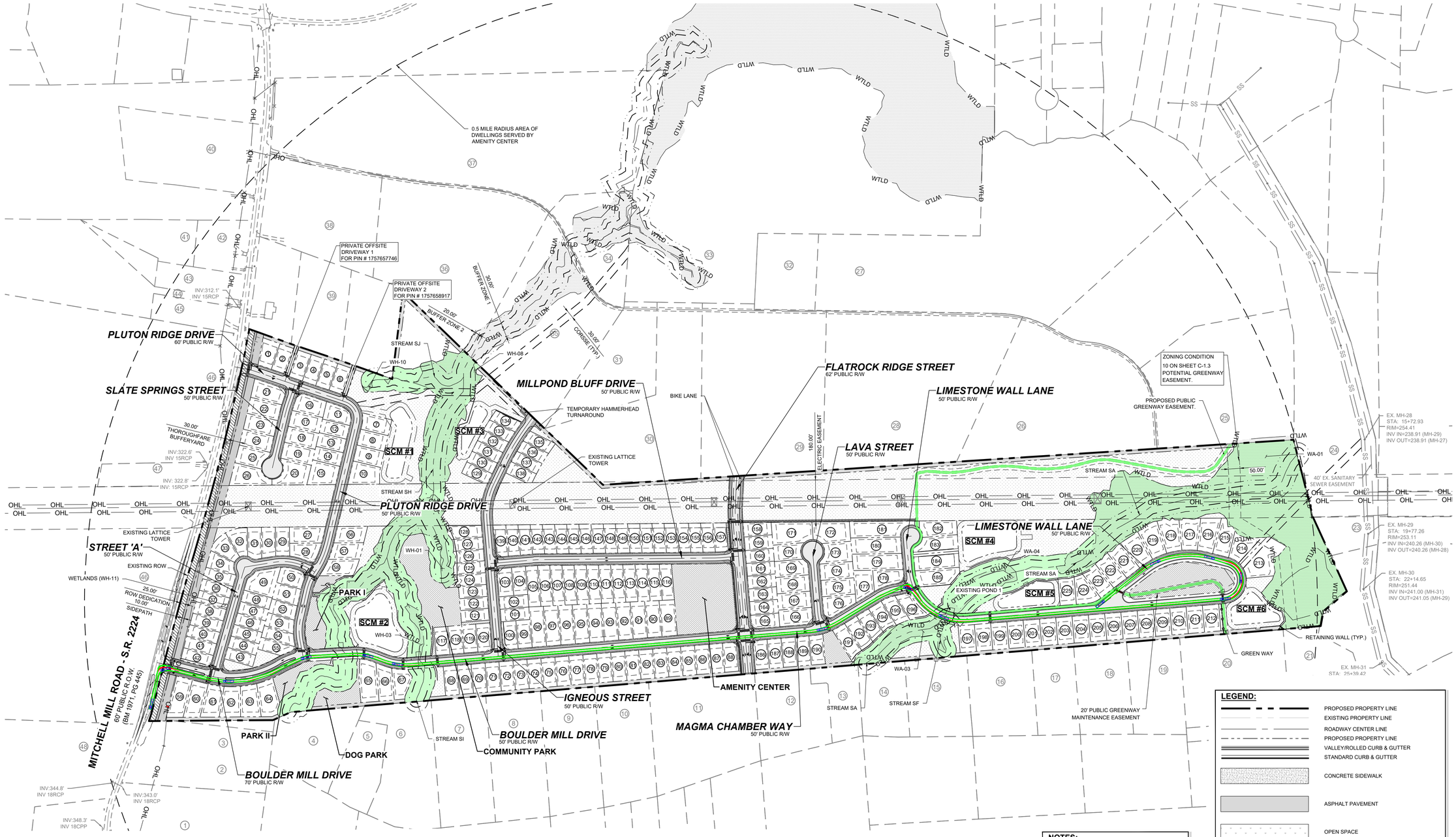
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESEVATION TABLE

DRAWING SHEET
C-10.7

62 OF 72

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.

PROGRESS PLOT DATE: 04/29/2025



NOTES:

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

LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- VALLEY/ROLLED CURB & GUTTER
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- EXISTING WETLAND
- TRUCK BODY PATH OUTLINE
- WHEELS PATH OUTLINE
- FIRE TRUCK

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

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

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PRELIMINARY SUBDIVISION PLAT

OVERALL FIRE PLAN

DRAWING SHEET

C-11.0

63 OF 72

PROGRESS PLOT DATE: 04/29/2025

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

STREET 'A'
50' PUBLIC R/W

PLUTON RIDGE DRIVE
50' PUBLIC R/W

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

IGNEOUS STREET
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
70' PUBLIC R/W

MANLY FARM RD

PARK I

PARK II

DOG PARK

COMMUNITY PARK

SCM #2

STREAM SI

STREAM SI

MATCH LINE
FOR CONTINUATION, SEE C-11.2

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

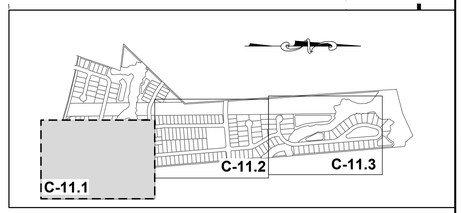
N/F
JONES, CHARLES SPENCER JONES, SHARON
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

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



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

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

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SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

FIRE PLAN I

DRAWING SHEET

C-11.1

64 OF 72

PROGRESS PLOT DATE: 04/29/2025

MILLPOND BLUFF DRIVE
50' PUBLIC R/W

BOULDER MILL DRIVE
50' PUBLIC R/W

FLATROCK RIDGE STREET
62' PUBLIC R/W

LAVA STREET
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

AMENITY CENTER

MATCH LINE
FOR CONTINUATION, SEE C-11.1

MATCH LINE
FOR CONTINUATION, SEE C-11.3

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

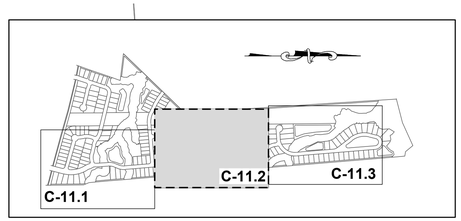
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

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

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



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND

GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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3	TOWN OF ROLESVILLE V4-PRSP-24-03	02/03/2025	SREG
4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL:

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	SRG
DRAWN BY	SRG
CHECKED BY	SRG

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

FIRE PLAN II

DRAWING SHEET
C-11.2

65 OF 72

PROGRESS PLOT DATE: 04/29/2025

MATCH LINE
FOR CONTINUATION, SEE C-11.2

LIMESTONE WALL LANE
50' PUBLIC R/W

MAGMA CHAMBER WAY
50' PUBLIC R/W

SCM #4

SCM #5

EX. POND

STREAM SA

STREAM SF

WA-03

WA-04

WTLD

BUFFER ZONE 1
30.00'

BUFFER ZONE 1
20.00'

DUKE ENERGY POWERLINE EASEMENT
180.00'

20' PUBLIC GREENWAY MAINTENANCE EASEMENT

GREEN WAY

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

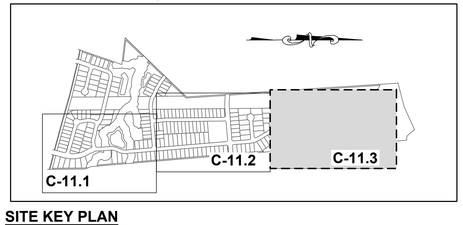
N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

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

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

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



SITE KEY PLAN

LEGEND:

SEE SHEET C-11.0 FOR LEGEND

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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4	TOWN OF ROLESVILLE V5-PRSP-24-03	05/01/2025	SREG

SEAL

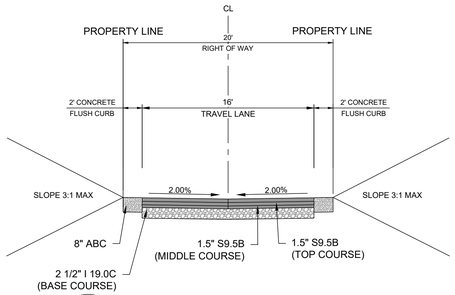
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

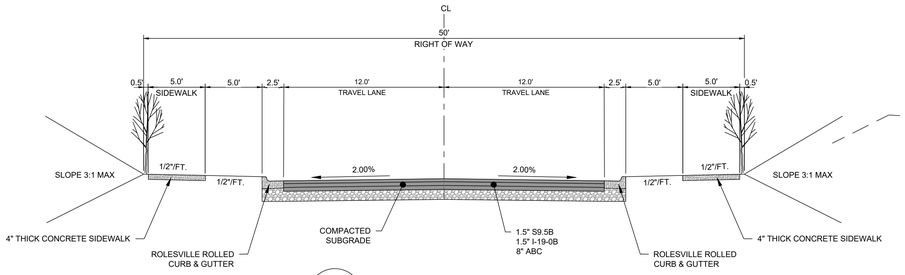
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
FIRE PLAN III

DRAWING SHEET
C-11.3

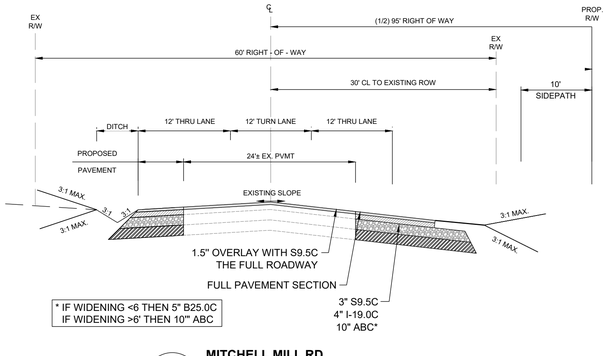
66 OF 72



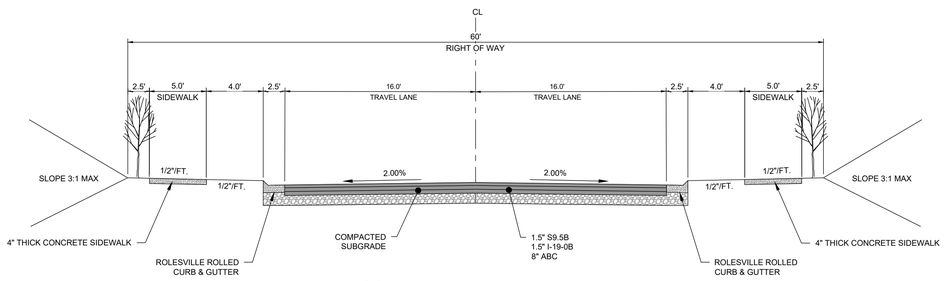
1 D-1.0 **20' PRIVATE OFFSITE DRIVEWAY SECTION - 20' ROW**
SCALE:



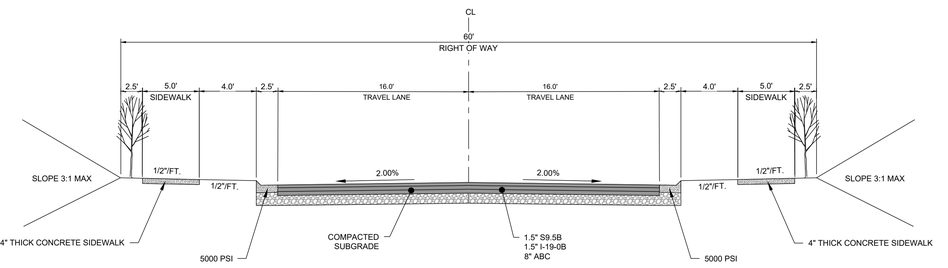
2 D-1.0 **TYPICAL CROSS SECTION - 50' ROW**
SCALE: NTS



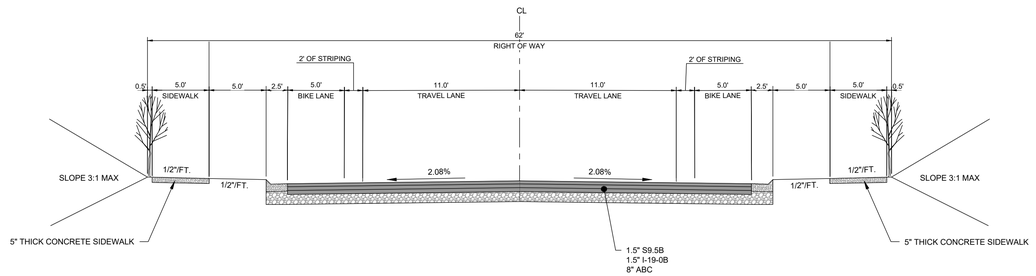
3 D-1.0 **MITCHELL MILL RD ROADWAY IMPROVEMENTS**
SCALE: NTS



4 D-1.0 **TYPICAL CROSS SECTION - 60' ROW**
SCALE: NTS

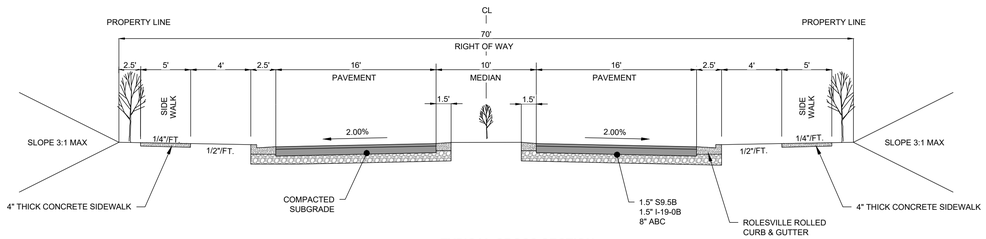


4 D-1.0 **TYPICAL CROSS SECTION - 60' ROW**
SCALE: NTS



NOTE:
TYPICAL CROSS SECTION AS PER TOWN OF ROLESVILLE BICYCLE PLAN PAGE 72. GRANITE FALLS BLVD SEPARATED BIKE LANES.

5 D-1.0 **TYPICAL CROSS SECTION - 62' ROW**
SCALE: NTS



6 D-1.0 **TYPICAL CROSS SECTION - 70' ROW**
SCALE: NTS

NOTE:
THE MINIMUM PAVEMENT SECTION FOR ALL TOWN ROADWAYS INCLUDES 3-INCHES OF ASPHALT AND 8-INCHES OF ABC. SURFACE MIX IS REQUIRED TO BE THE TOP LAYER IN ANY PAVEMENT DESIGN. THE ASPHALT SHALL BE PLACED IN TWO 1.5-INCCH LIFTS, FOR 3-INCH PAVEMENT.

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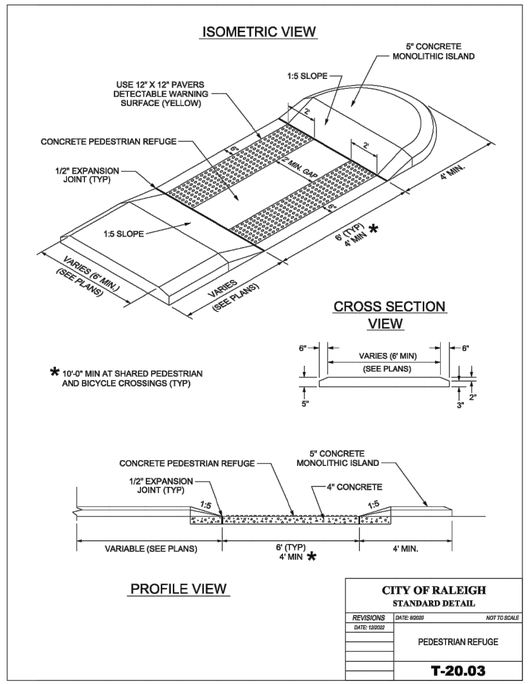
SEAL:

STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

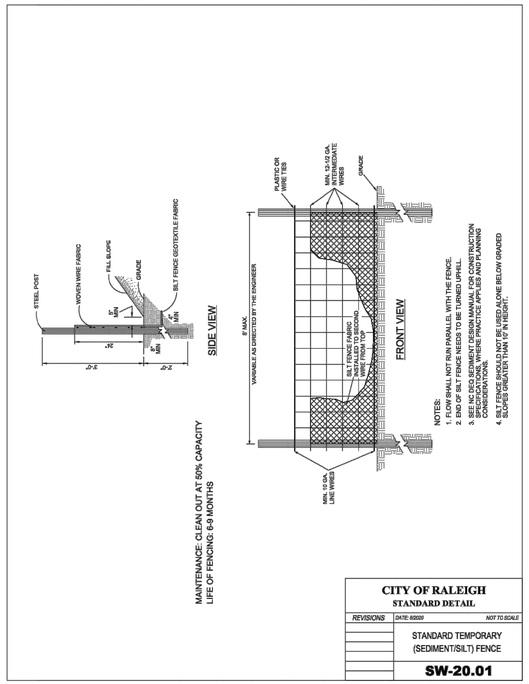
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	SRG
DRAWN BY	SRG
CHECKED BY	SRG

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
TYPICAL CROSS SECTION

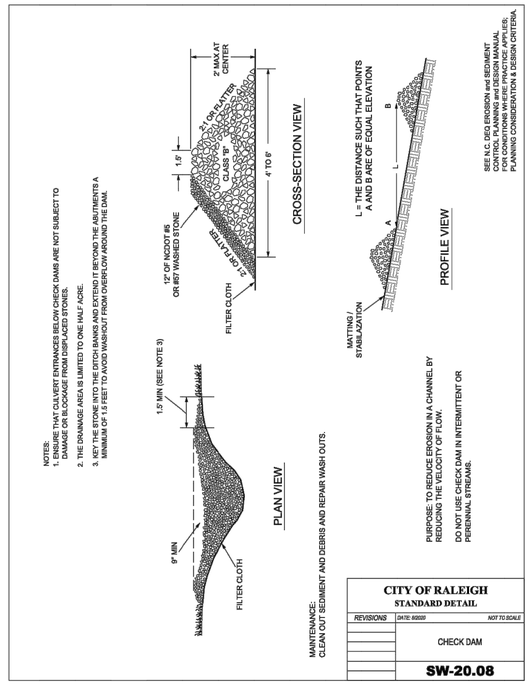
DRAWING SHEET
D-1.0



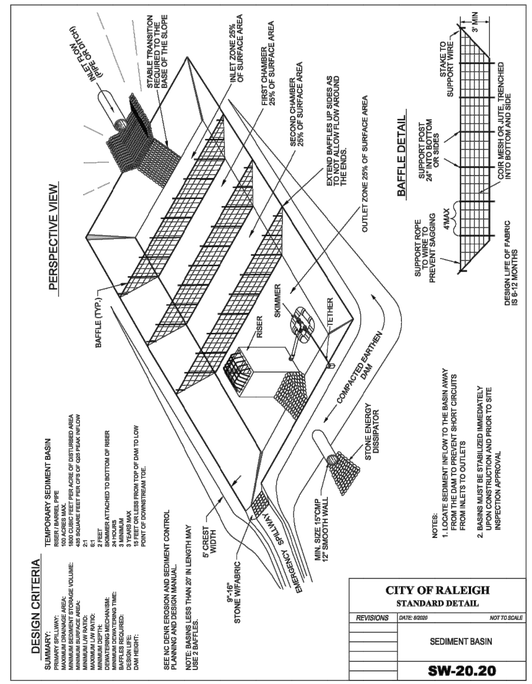
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	PEDESTRIAN REFUGE	
	T-20.03	



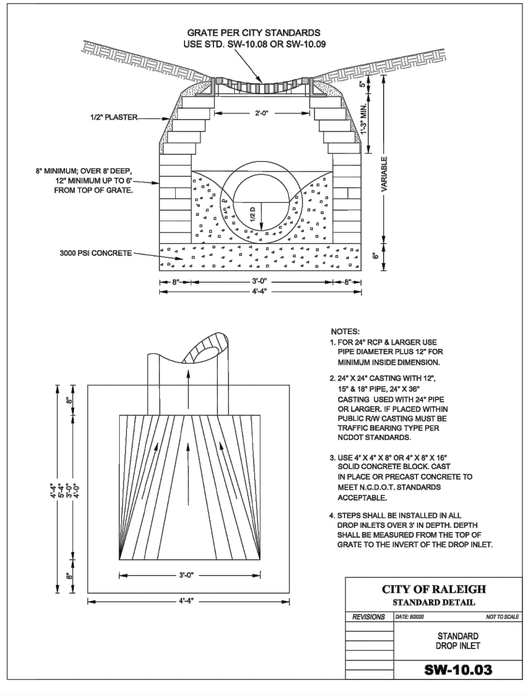
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD TEMPORARY (SEDIMENT/SILT) FENCE	
	SW-20.01	



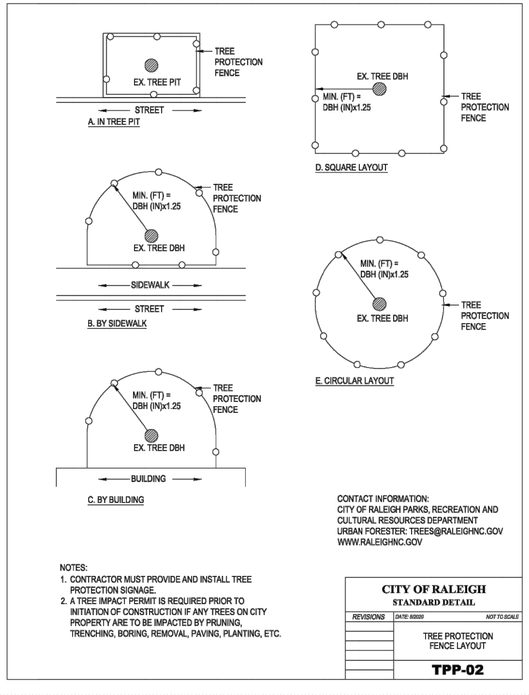
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CHECK DAM	
	SW-20.08	



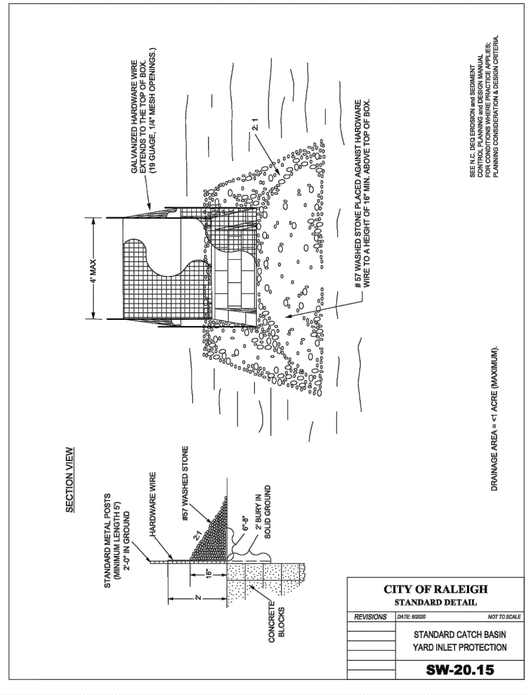
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	SEDIMENT BASIN	
	SW-20.20	



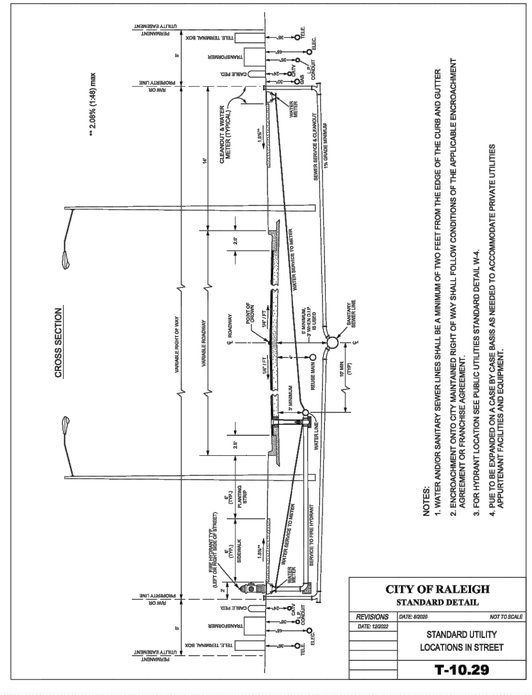
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD DROP INLET	
	SW-10.03	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	TREE PROTECTION FENCE LAYOUT	
	TPP-02	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD CATCH BASIN YARD INLET PROTECTION	
	SW-20.15	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022	STANDARD UTILITY LOCATIONS IN STREET	
	T-10.29	

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2	TOWN OF ROLESVILLE V3-PSP-11-01	11/01/2024	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

SEAL:
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. L. AMBERT

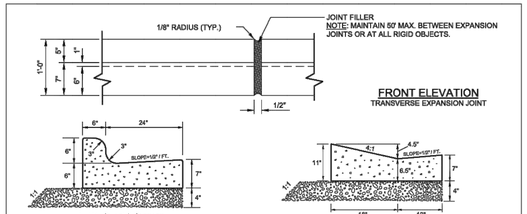
STRONGROCK
ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2165
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

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

SITE DETAILS

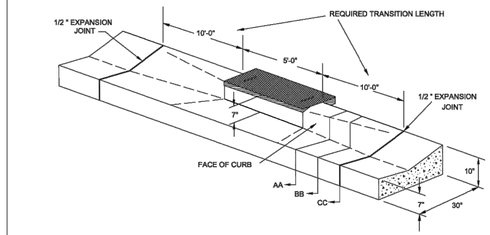
DRAWING SHEET
D-2.0



NOTES:
1. 10' MAXIMUM BETWEEN DUMMY JOINTS.
   15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POURS.
2. 1/2" EXPANSION JOINT EVERY 50'.
3. 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
4. LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1026-2 OF NCDOT STANDARDS & SPECIFICATIONS FOR ROADS AND STRUCTURES.
5. ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL 846.01 THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
6. REFER TO NCDOT DETAIL 846.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

SHEET 1 OF 2

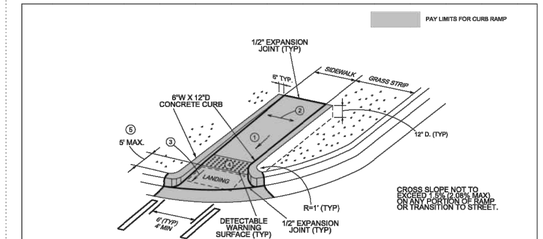
CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB AND GUTTER	
	T-10.26.1	



NOTES:
TRANSITION NOT TO BE LOCATED WITHIN THE CURB RADIUS.

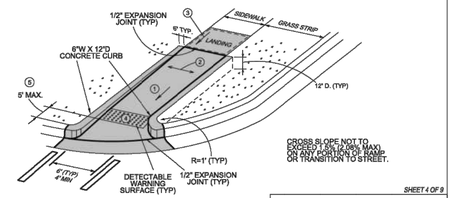
SHEET 2 OF 2

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB TRANSITION TO 2'- 6" VALLEY GUTTER	
	T-10.26.2	



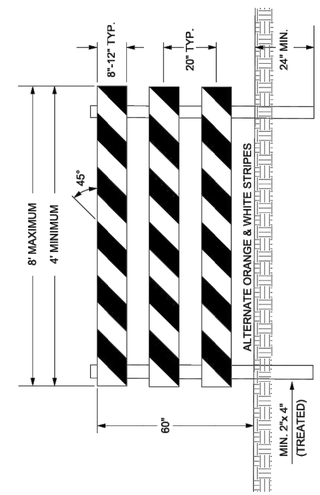
1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMPS REQUIRE A (4'-0") MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08% MAX) WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

CONCRETE DEPTH	
RAMP	6"
LANDING	4"



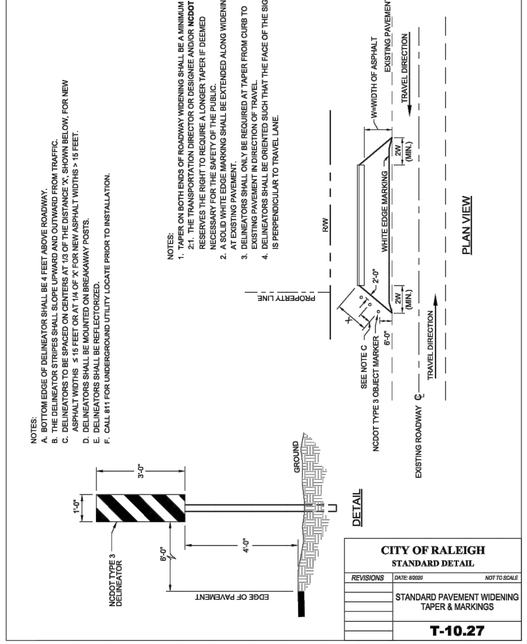
SHEET 4 OF 9

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
	CURB RAMPS (NEW DEVELOPMENT)	
	T-20.01.4	



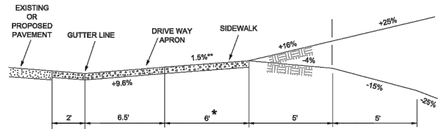
NOTES:
1. STRIPES ON BARRICADE RAILS SLOPE AT ANY ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS.
2. BARRICADE RAIL STRIPE SHALL BE 6 INCHES.
3. THE SIDES OF THE BARRICADE FACING TRAFFIC SHALL HAVE RETROREFLECTIVE RAIL FACES.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD TEMPORARY BARRICADE	
	SW-20.17	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	STANDARD PAVEMENT WIDENING TAPER & MARKINGS	
	T-10.27	

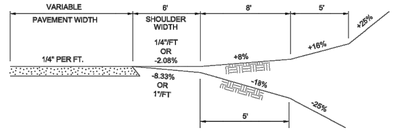
DRIVEWAY GRADES



★ 5' FOR SENSITIVE AREA AVENUE AND SENSITIVE AREA RESIDENTIAL STREET

★★ 2.08% (1:48) max

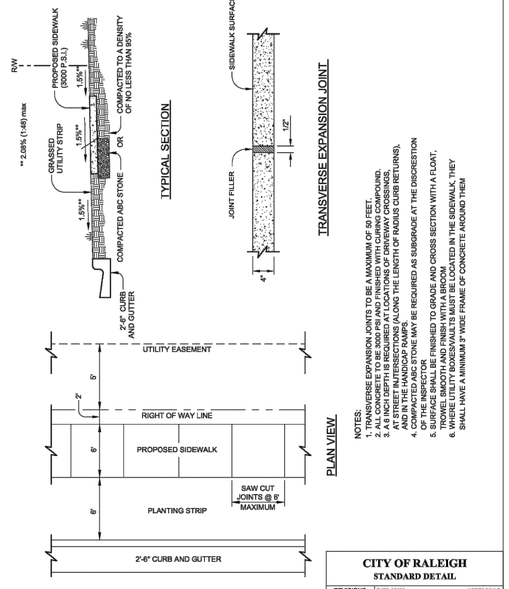
A. CURB & GUTTER , SIDEWALK SECTION



B. SHOULDER SECTION

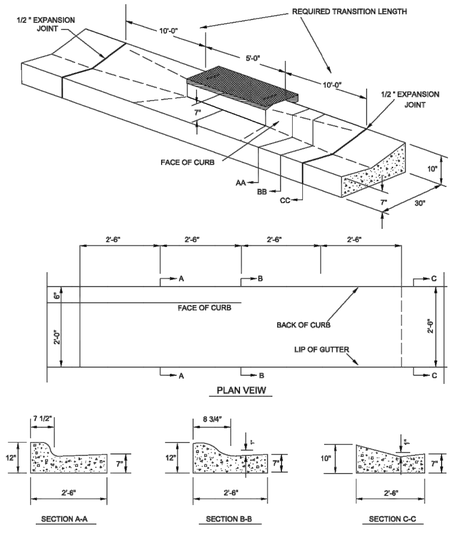
NOTES:
IF THE SLOPE BETWEEN THE TOP OF CURB AND GUTTER AND A POINT 30 FEET FROM THE CURB AND GUTTER EXCEEDS 20%, THIS SLOPE SHALL BE ADJUSTED TO A MAXIMUM OF 8.33% (1"/FT) UP OR 4.17% (1/2" /FT) DOWN.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
	DRIVEWAY GRADES	
	T-10.04	



NOTES:
1. TRANSVERSE EXPANSION JOINTS TO BE A MAXIMUM OF 50 FEET.
2. ALL CONCRETE TO BE 3000 PSI AND FINISHED WITH CURING COMPOUND.
3. A 6 INCH DEPTH IS REQUIRED AT LOCATIONS OF DRIVEWAY CROSSINGS, AND IN THE HANDICAP RAMPS.
4. COMPACTED ABC STONE MAY BE REQUIRED AS SUBGRADE AT THE DISCRETION OF THE INSPECTOR.
5. SURFACE SHALL BE FINISHED TO GRADE AND CROSS SECTION WITH A FLOAT, TROWEL SMOOTH AND FINISH WITH A BROOM.
6. WHERE CONCRETE SIDEWALK IS LOCATED IN THE SIDEWALK, THEY SHALL HAVE A MINIMUM 3' WIDE FRAME OF CONCRETE AROUND THEM.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
DATE: 12/2022		
DATE: 09/2023		
	CONCRETE SIDEWALK	
	T-30.01.1	



SHEET 2 OF 2

NOTES:
TRANSITION NOT TO BE LOCATED WITHIN THE CURB RADIUS.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB TRANSITION TO 2'- 6" VALLEY GUTTER	
	T-10.26.2	

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	09/30/2024	SREG
2	TOWN OF ROLESVILLE V3-PSP-11-01	11/01/2024	SREG
4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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

STRONGROCK
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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

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
PRELIMINARY SUBDIVISION PLAT

SITE DETAILS

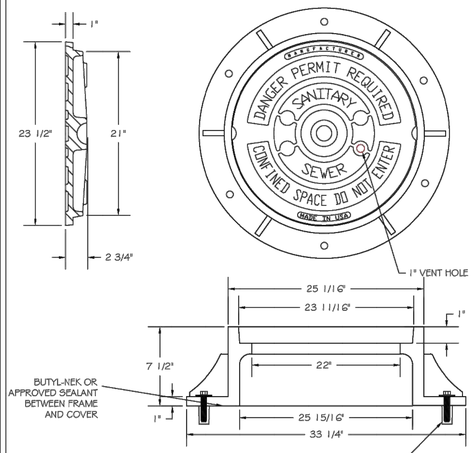
DRAWING SHEET
D-2.1

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COVER 120 LBS. MINIMUM

MANHOLE FRAME AND COVER

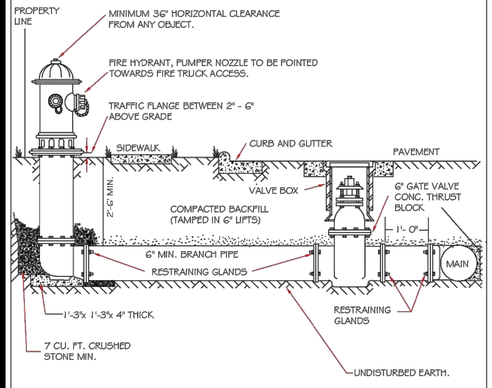


NOTES:
1) ALL MANHOLE FRAMES SHALL BE DOMESTICALLY CAST.
2) FRAME SHALL BE A MINIMUM WEIGHT OF 162 LBS. WITHIN PUBLIC ROW AND 160 LBS. WITHIN EASEMENTS.
3) COVER SHALL WEIGH A MIN. OF 120 LBS.
4) ALL MANHOLE FRAMES OUTSIDE OF PAVED SURFACES SHALL BE BOLTED TO THE CONE SECTION OR RING WITH A MINIMUM OF 4 BOLTS PER FRAME.

5/8"X3" LAGSHIELD IN HOLE DRILLED INTO CONE OR RING WITH ANCHOR SUNK TO DESIGN DEPTH, AND 3/8"X3" HOT DIPPED GALVANIZED LAG BOLT AND WASHER.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD MANHOLE COVER

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-25	3-1-87	3-1-87	A.B.B.	2-9-05
	RRH	3-30-00	D.H.L.	6-18-08

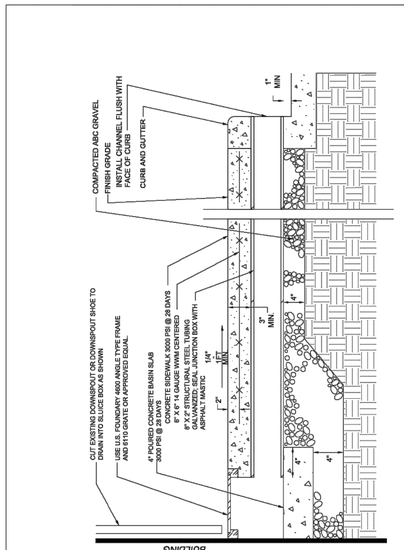


NOTES:
1. FIRE HYDRANT SHALL BE AS MANUFACTURED: MUELLER, AMERICAN DARLING, KENNEDY, M&H, WATEROUS, CLOW, EAST JORDAN IRON WORKS, OR US PIPE.
2. BRANCH PIPE SHALL BE DUCTILE IRON AWWA C150-96
3. 6" GATE VALVE SHALL BE AWWA C500-86 OPEN LEFT
4. STEEL RODS AND BOLTS SHALL BE ⅜" HOT DIPPED GALVANIZED
5. FIRE HYDRANTS WILL BE INSTALLED IN TRUE VERTICAL POSITION
   RODS SHALL NOT BE COUPLED MORE THAN ONCE. IF THE LENGTH FROM THE VALVE TO THE HYDRANT EXCEEDS 20' THEN A MECHANICAL RESTRAINING GLAND WITH A REBAR CAGE SHALL BE INSTALLED NO MORE THAN 10' FROM HYDRANT AND POURED IN CONCRETE.
   FIRE HYDRANTS TO BE LOCATED IN ROW OR 2 FOOT EASEMENT ADJACENT TO ROW

ANYTIME SITE WORK, CONSTRUCTION, ROAD WORK, OR ANY OTHER WORK CHANGES THE GRADE OF THE FIRE HYDRANT, THE PERSON RESPONSIBLE FOR THE WORK IS RESPONSIBLE FOR ADJUSTING THE FIRE HYDRANT TO STAY WITHIN COMPLIANCE.

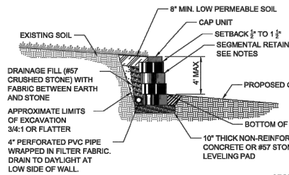
CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD FIRE HYDRANT INSTALLATION DETAIL

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-4	ABB	4-6-04	PAP	2/17/09
	DHL	2/14/06		



CITY OF RALEIGH
STANDARD DETAIL

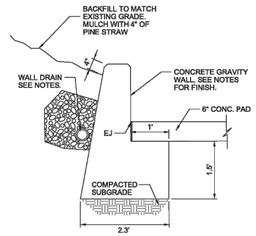
REVISIONS	DATE: 6/2020	NOT TO SCALE
	CURB DRAIN DETAIL	
	SW-10.12	



SEGMENTAL GRAVITY RETAINING WALL

SEGMENTAL GRAVITY RETAINING WALL NOTES:

1. STANDARD UNIT WILL MEET NCDOT APPROVED VENDORS LIST. DIMENSIONS OF CONCRETE BLOCKS ARE TYPICALLY 18" WIDE BY 18" DEEP BY 8" TALL WITH PIN OR SIMILAR LOCKING MECHANISM. BACK FILL VOIDS IN BLOCKS WITH #57 STONE TO TOP.
2. DO NOT MIX UNITS FROM DIFFERENT VENDORS ON SAME WALL.
3. TOP CAP UNIT WILL BE GLUED TO BLOCKS WITH ADHESIVE MEETING MANUFACTURERS RECOMMENDATIONS.
4. DO NOT USE SEGMENTAL GRAVITY WALLS WHEN SURCHARGE LOADS WILL BE WITHIN 5'-6" OF THE BACK OF THE CAP UNIT.
5. DO NOT ATTACH FENCE OR HANDRAIL TO WALL.
6. WALL SIMILAR TO NCDOT STANDARD DRAWING 453.02.



REINFORCED CONCRETE GRAVITY RETAINING WALL

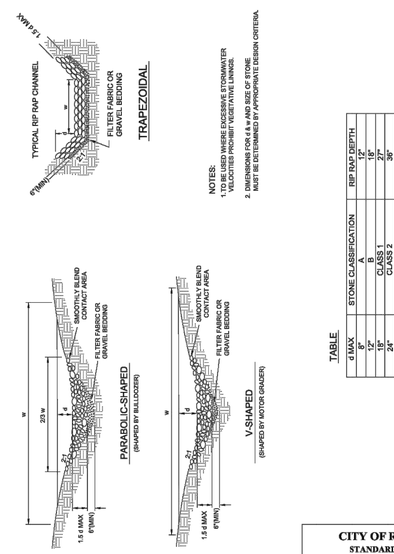
REINFORCED CONCRETE GRAVITY RETAINING WALL NOTES:

1. USE CLASS A CONCRETE AND PROVIDE CLASS I SURFACE FINISH ON ALL EXPOSED SURFACES.
2. PROVIDE GROVED CONTRACTION JOINTS EVERY 10'-0".
3. PROVIDE 4" PERFORATED PVC DRAIN PIPE THE LENGTH OF THE WALL. WRAP PIPE WITH FILTER FABRIC AND PROVIDE 1' WIDE BY 1' DEEP WASHED STONE AROUND PIPE. TIE TO STORM DRAIN OR DAYLIGHT AT ENDS AND PROVIDE SOCK AROUND END OF PIPE.
4. DO NOT BACKFILL WALL UNTIL CONCRETE DEVELOPS A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI. COMPACT BACKFILL AND COMPACT WITH HAND OPERATED EQUIPMENT.
5. TAPER ENDS OF WALL TO 6" ABOVE GRADE IN 3' MINIMUM. END OF WALL SHALL HAVE 6" HORIZONTAL CLEARANCE FROM THE EDGE OF SIDEWALK.
6. WALL SIMILAR TO NCDOT STANDARD DRAWING 453.01.

GENERAL NOTES:
1. COORDINATE WITH CITY OF RALEIGH ON WHICH WALL TYPE TO USE.
2. ALL RETAINING WALLS SHALL BE DESIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 6/2020	NOT TO SCALE
	RETAINING WALL	
	TT-09	



NOTES:
1. TO BE USED WHERE EXCESSIVE STORMWATER VELOCITIES PROHIBIT WEED NATIVE LINING.
2. DIMENSIONS FOR d & w AND SIZE OF STONE MUST BE DETERMINED BY APPROPRIATE HYDRAULIC CRITERIA.

TABLE

d MAX	STONE CLASSIFICATION	RIP RAP DEPTH
6"	A	12"
9"	B	18"
15"	CLASS 1	27"
24"	CLASS 2	36"

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS	DATE: 6/2020	NOT TO SCALE
	RIP RAP LINED CHANNELS	
	SW-20.12	

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
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4	TOWN OF ROLESVILLE V5-PSP-24-03	05/01/2025	SREG

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

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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
PRELIMINARY SUBDIVISION PLAT

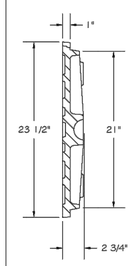
SITE DETAILS

DRAWING SHEET
D-2.2

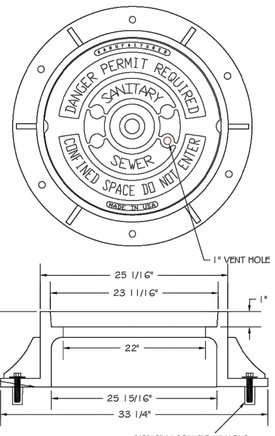
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COVER 120 LBS. MINIMUM



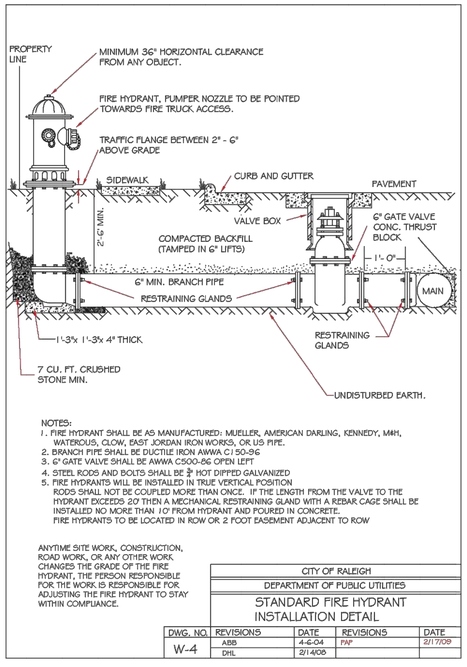
MANHOLE FRAME AND COVER



NOTES:
1) ALL MANHOLE FRAMES SHALL BE DOMESTICALLY CAST.
2) FRAME SHALL BE A MINIMUM WEIGHT OF 182 LBS. WITHIN PUBLIC ROW AND 160 LBS. WITHIN EASEMENTS.
3) COVER SHALL WEIGH A MIN. OF 120 LBS.
4) ALL MANHOLE FRAMES OUTSIDE OF PAVED SURFACES SHALL BE BOLTED TO THE CONE SECTION OR RING WITH A MINIMUM OF 4 BOLTS PER FRAME.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD MANHOLE COVER

DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
S-25	3-1-87	3-1-87	A.B.B.	2-9-05
	RRH	3-30-00	D.H.L.	6-18-08

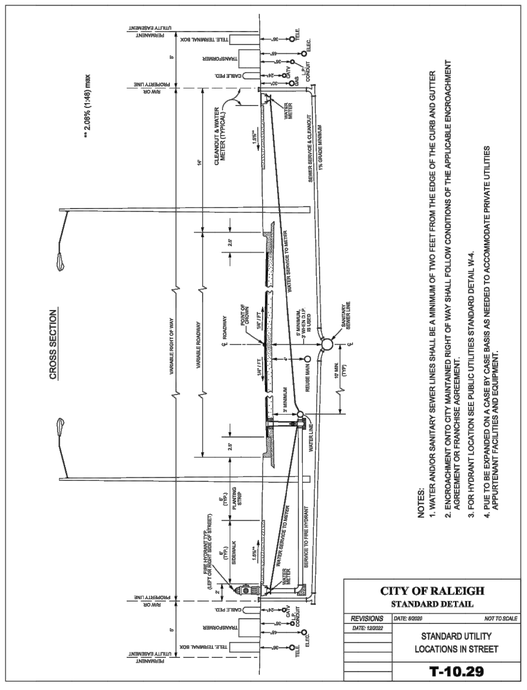


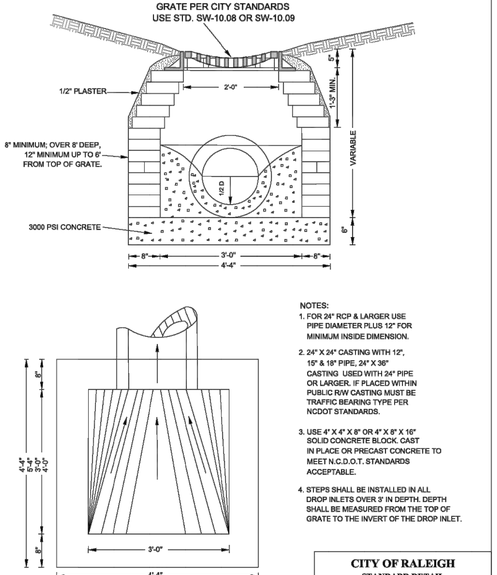
NOTES:
1. FIRE HYDRANT SHALL BE AS MANUFACTURED: MUELLER, AMERICAN DARLING, KENNEDY, M&H, WATEROUS, CLOW, EAST JORDAN IRON WORKS, OR U5 PIPE.
2. BRANCH PIPE SHALL BE DUCTILE IRON AWWA C151-96
3. 6" GATE VALVE SHALL BE AWWA C500-86 OPEN LEFT
4. STEEL RODS AND BOLTS SHALL BE ¾" HOT DIPPED GALVANIZED
5. FIRE HYDRANTS WILL BE INSTALLED IN TRUE VERTICAL POSITION RODS SHALL NOT BE COUPLED MORE THAN ONCE. IF THE LENGTH FROM THE VALVE TO THE HYDRANT EXCEEDS 20' THEN A MECHANICAL RESTRAINING GLAND WITH A REBAR CAGE SHALL BE INSTALLED NO MORE THAN 10' FROM HYDRANT AND POURED IN CONCRETE. FIRE HYDRANTS TO BE LOCATED IN ROW OR 2 FOOT EASEMENT ADJACENT TO ROW

ANYTIME SITE WORK, CONSTRUCTION, ROAD WORK, OR ANY OTHER WORK CHANGES THE GRADE OF THE FIRE HYDRANT, THE PERSON RESPONSIBLE FOR THE WORK IS RESPONSIBLE FOR ADJUSTING THE FIRE HYDRANT TO STAY WITHIN COMPLIANCE.

CITY OF RALEIGH
DEPARTMENT OF PUBLIC UTILITIES
STANDARD FIRE HYDRANT INSTALLATION DETAIL

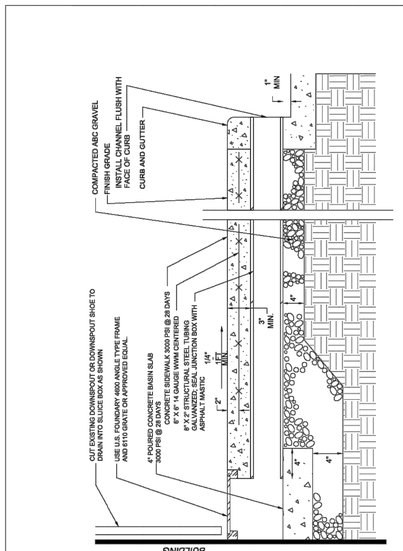
DWG. NO.	REVISIONS	DATE	REVISIONS	DATE
W-4	ABB	4-6-04	PAP	2/17/09
	DHL	2/14/08		


CROSS SECTION
** 2.05% (1:48) max
NEW IOA
PROPERTY LINE
CABLE PED.
TRANSFORMER
TELE. TERMINAL BOX
UTILITY EASEMENT
CLEANOUT & WATER METER (TYPICAL)
SEWER SERVICE & CLEANOUT TO BUILDING
VARIABLE ROADWAY
VARIABLE RIGHT OF WAY
6" MINIMUM
WATER LINE
SEWER MAIN
SEWER SERVICE TO BUILDING
WATER SERVICE TO BUILDING
MIN. 6" CRUSHED STONE BEDDING
MIN. 6" CRUSHED STONE BEDDING (TYP.)
MIN. 6" CRUSHED STONE BEDDING (TYP.)
MIN. 6" CRUSHED STONE BEDDING (TYP.)

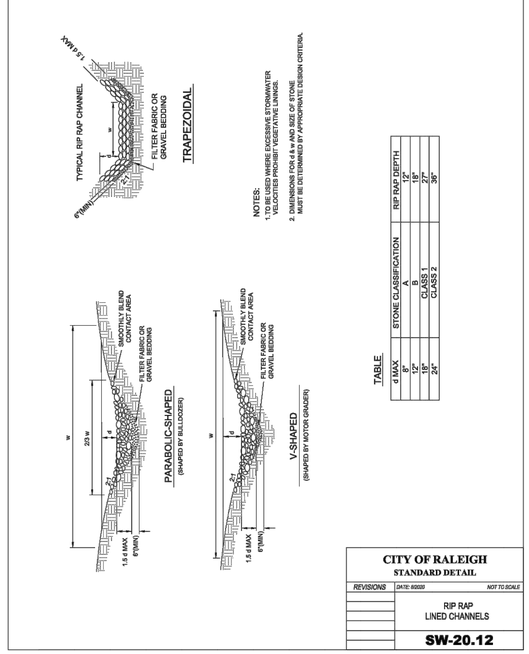


NOTES:
1. FOR 24" RCP & LARGIER USE PIPE DIAMETER PLUS 12" FOR MINIMUM INSIDE DIMENSION.
2. 24" X 24" CASTING WITH 12", 15" & 18" PIPE, 24" X 36" CASTING USED WITH 24" PIPE OR LARGER. IF PLACED WITHIN PUBLIC R/W CASTING MUST BE TRAFFIC BEARING TYPE PER NCDOT STANDARDS.
3. USE 4" X 4" X 8" OR 4" X 8" X 16" SOLID CONCRETE BLOCK. CAST IN PLACE OR PRECAST CONCRETE TO MEET N.C.D.O.T. STANDARDS ACCEPTABLE.
4. STEPS SHALL BE INSTALLED IN ALL DROP INLETS OVER 3' IN DEPTH. DEPTH SHALL BE MEASURED FROM THE TOP OF GRATE TO THE INVERT OF THE DROP INLET.

CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
	STANDARD DROP INLET	
	SW-10.03	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
	CURB DRAIN DETAIL	
	SW-10.12	



CITY OF RALEIGH STANDARD DETAIL		
REVISIONS	DATE: 8/2020	NOT TO SCALE
	RIP RAP LINED CHANNELS	
	SW-20.12	

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SEAL:



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

STORM DETAILS

DRAWING / SHEET

D-4.0

72 OF 72

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