HILLS AT HARRIS CREEK

PRELIMINARY SUBDIVISION PLAT V2-PSP-24-03

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PROJECT NUMBER: 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:

FRONT YARD:	20'
SIDE YARD:	10'
REAR YARD:	20'
CORNER YARD:	12'

RIGHT OF WAY & OTHER AREAS:

NATURAL WETLANDS:	657,515 SF (15.09 AC)

MAXIMUM ALLOWED NUMBER OF LOTS:	225 LOTS
TOTAL NUMBER PROPOSED LOTS:	221 LOTS
MINIMUM LOT FRONTAGE:	50'
MINIMUM REQUIRED LOT SIZE:	8,000 SF

OPEN SPACE BREAKDOWN:

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

IMPERVIOUS AREAS:

ROADWAYS & SIDEWALKS	513,906 SF (11.80 AC)
PONDS:	101,273 SF (2.32 AC)
BUILD UPON AREA (BUA) :	961,315 SF (22.07 AC)
TOTAL ON-SITE IMPERVIOUS AREA:	1,576,494 SF (36.19 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT:	31.62%

1. Add current impervious data.

CURRENT & PROPOSED USE AREAS:

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

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

LOT ACREAGE:	DSF:
LOT TYPE (50'x160'):	68 LOTS
LOT TYPE (55'x146'):	16 LOTS
LOT TYPE (60'x134'):	56 LOTS
LOT TYPE (65'x125'):	52 LOTS
LOT TYPE (70'x115'):	15 LOTS
LOT TYPE (80'x100'):	14 LOTS
TOTAL NUMBER PROPOSED LOTS:	221 LOTS
MINIMUM PROPOSED LOT SIZE:	8,000 SF
MAXIMUM PROPOSED LOT SIZE:	26,428 SF
MINIMUM LOT WIDTH:	50'
PROPOSED DENSITY:	1.93 UNITS/AC

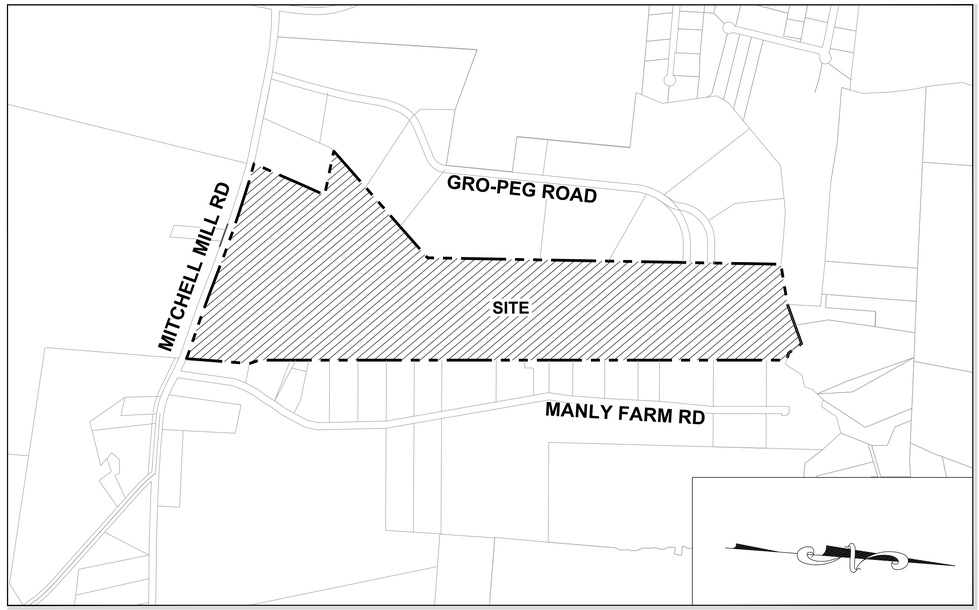
2. Add parking data/calculations to this table.

DISTURBED AREA:

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

STREET NAMES	PROPOSED ROW	PAVEMENT WIDTH	LINEAR FEET
A	50-70 Ft	24-32 Ft	2,575.07
B	50 Ft	24 Ft	1,253.10
C	50-60 Ft	24-32 Ft	597.86
F	50 Ft	24 Ft	1,090.75
G	50 Ft	24 Ft	1,072.02
H	50 Ft	24 Ft	1,047.13
I	62 Ft	36 Ft	849.39
J	50 Ft	24 Ft	1,154.99
K	50 Ft	24 Ft	347.23
L	50 Ft	24 Ft	2,271.75

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



VICINITY MAP
1" = 600'

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

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

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

SHEET INDEX

Sheet Description	Sheet Number	Sheet Title
01	C-1.0	COVER SHEET
02	C-1.1	ZONING CONDITIONS
03	C-1.2	CONCEPT SKETCH PLAN
04	C-1.3	OVERALL OPEN SPACE PLAN
05	C-1.4	ACTIVE-PASSIVE OPEN SPACE REQUIREMENTS
06	C-2.0	CIVIL NOTES
07	C-3.0	EXISTING CONDITIONS PLAN
08	C-3.1	TREE PROTECTION PLAN
09	C-3.2	OVERALL TREE INVENTORY MAP
10	C-3.3	PARTIAL TREE INVENTORY MAP I
11	C-3.4	PARTIAL TREE INVENTORY MAP II
12	C-3.5	PARTIAL TREE INVENTORY MAP III
13	C-3.6	PARTIAL TREE INVENTORY MAP IV
14	C-3.7	PARTIAL TREE INVENTORY MAP V
15	C-3.8	PARTIAL TREE INVENTORY MAP VI
16	C-3.9	PARTIAL TREE INVENTORY MAP VII
17	C-3.10	PARTIAL TREE INVENTORY MAP VIII
18	C-3.11	TREE INVENTORY TABLE
19	C-4.0	DEMOLITION PLAN
20	C-5.0	OVERALL SITE PLAN
21	C-5.1	PARTIAL SITE PLAN I
22	C-5.2	PARTIAL SITE PLAN II
23	C-5.3	PARTIAL SITE PLAN III
24	C-5.4	PARTIAL SITE PLAN IV
25	C-5.5	PARTIAL SITE PLAN V
26	C-5.6	PARTIAL SITE PLAN VI
27	C-5.7	LOT SIZE TABLES
28	C-5.8	TYPICAL STREET SECTION
29	C-6.0	OVERALL UTILITY PLAN
30	C-6.1	PARTIAL UTILITY PLAN I
31	C-6.2	PARTIAL UTILITY PLAN II
32	C-6.3	PARTIAL UTILITY PLAN III
33	C-6.4	PARTIAL UTILITY PLAN IV
34	C-6.5	PARTIAL UTILITY PLAN V
35	C-6.6	PARTIAL UTILITY PLAN VI
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37	C-6.8	SANITARY SEWER TABLE
38	C-7.0	OVERALL GRADING & DRAINAGE PLAN
39	C-7.1	PARTIAL GRADING & DRAINAGE PLAN I
40	C-7.2	PARTIAL GRADING & DRAINAGE PLAN II
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43	C-7.5	PARTIAL GRADING & DRAINAGE PLAN V
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45	C-8.0	OVERALL LANDSCAPE PLAN
46	C-8.1	PERIMETER BUFFER PLAN
47	C-8.2	PARTIAL LANDSCAPE PLAN I
48	C-8.3	PARTIAL LANDSCAPE PLAN II
49	C-8.4	PARTIAL LANDSCAPE PLAN III
50	C-8.5	PARTIAL LANDSCAPE PLAN IV
51	C-8.6	PARTIAL LANDSCAPE PLAN V
52	C-8.7	PARTIAL LANDSCAPE PLAN VI
53	C-9.0	FIRE PLAN
54	C-9.1	FIRE PLAN I
55	C-9.2	FIRE PLAN II
56	C-9.3	FIRE PLAN III
57	D-1.0	SITE DETAILS

NOTES:
1. SEE SHEET C-1.1 FOR ZONING CONDITIONS.
2. 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.
3. ALL OFFSITE SEWER EASEMENTS MUST BE APPROVED, SIGNED AND RECORDED WITH RALEIGH DEED TEMPLATE PRIOR TO CD APPROVAL.

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

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

COVER SHEET

DRAWING SHEET
C-1.0

01 OF 57

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.

Town of Rolesville Planning Department Checklist

- [X] A vicinity map of the site, illustrating the boundaries of the site, north arrow, and scale reference
- [X] Site Data Table of typical property information (Property Legal Description, acreage/square footage, etc)
  - [X] If Commercial - Square footage of proposed building/use/development on, approximate proposed Impervious Coverage, approximate parking calculations, if multi-family the number of Dwelling units, etc.
  - [X] If Residential – Number of proposed development lots (including by type of lots/use), density (proposed/permitted), approximate parking calculations,
  - [X] Required/Provided calculations for open space
- [X] Existing and Proposed Use and Zoning District of property and adjacent properties
- [X] Drawing depicting the details provided above and general concept of development such as –
  - Lot layout and size/dimension of lots,
  - Proposed building layout and/or general footprint locations
  - Vehicular circulation / street layout including existing/proposed right-of-way widths (public, alley, private)
  - Pedestrian circulation including Greenways / Sidepaths / Bike Lanes,
  - General Utility access and points of connection / extensions,
  - Buffers (Street/Perimeter), Open/communal spaces, stormwater control measures etc.
- [X] Name, address, and contact information for property owner and/or Applicant
- [X] Name/information of professional who created Concept Plan
- [ ] Any other information requested by Planning Department staff

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: 4C37A263-544B-EF11-80C3-00224E2708E1

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:

BY	DATE	REVISIONS	No.
SREG	05/30/2024	TOWN OF ROLESVILLE V1-PSP-24-03	0
SREG	08/30/2024	TOWN OF ROLESVILLE V2-PSP-24-03	1

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

ZONING CONDITIONS

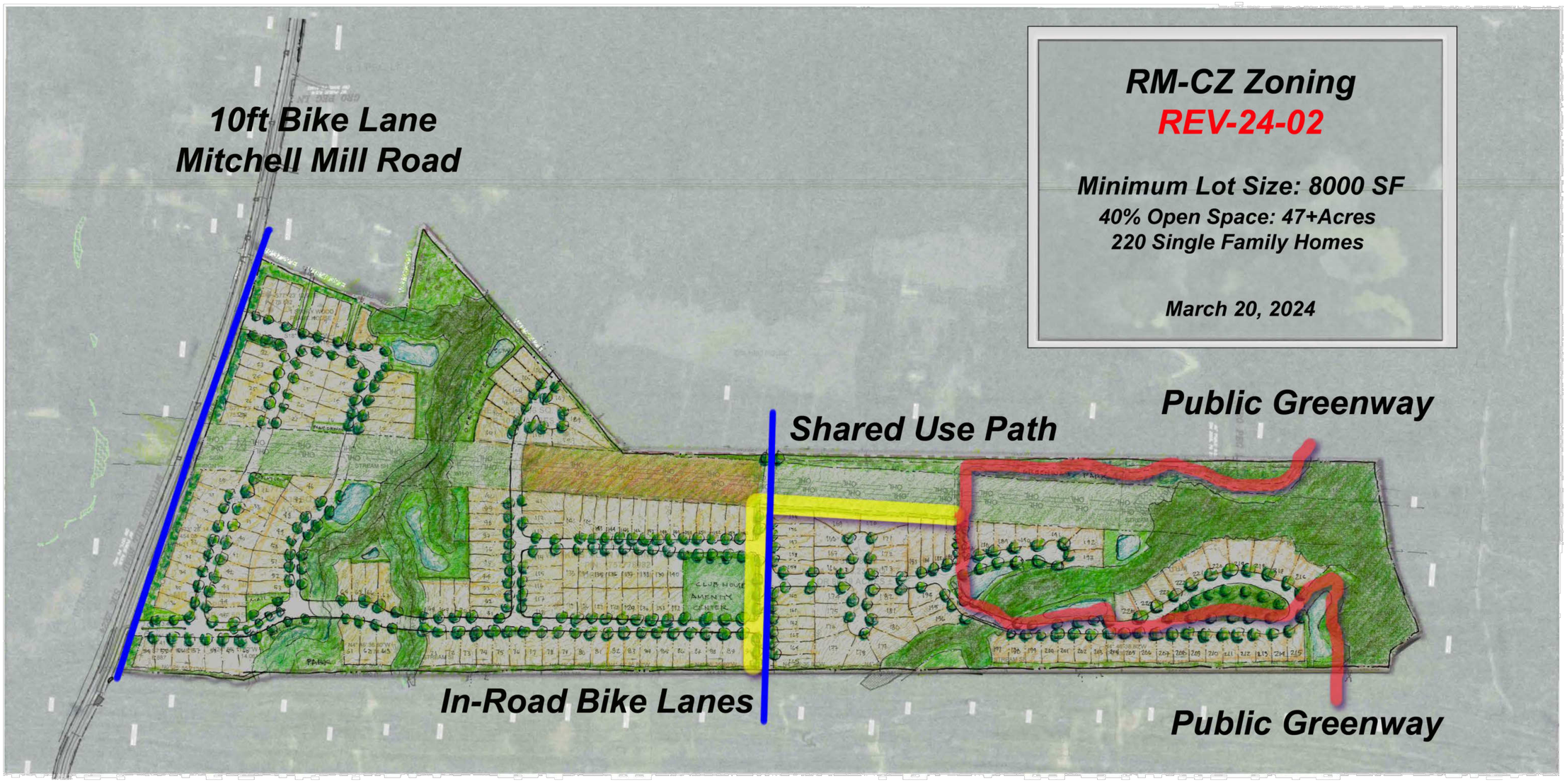
DRAWING SHEET
C-1.1

02 OF 57

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.

V2 - REZ-24-02

EXHIBIT ONE
CONCEPT SKETCH PLAN



Hills at Harris Creek

ELLIS DEVELOPMENTS GROUP

STRONGROCK ENGINEERING GROUP

SCALE
IN FEET
1 inch = 200 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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

CONCEPT SKETCH PLAN

DRAWING SHEET
C-1.2

03 OF 57

NOTES:

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

CLUSTER OPTION OPEN SPACE				
RM-CZ CLUSTER DEVELOPMENT	Code section	SF	AC	%
NET ACREAGE		4,986,317	114.47	100%
REQUIRED OPEN SPACE	SECTION 3.1.B.1	1,994,527	45.79	40.00%
PROPOSED OPEN SPACE		2,235,966	51.33	44.84%

BREAKDOWN OPEN SPACE	SF	AC
1. BUFFER THOROUGHFARE	47,393	1.09
2. BUFFER PERIMETER	116,132	2.67
3. DUKE POWER EASEMENT*^	795,828	18.27
4. WETLANDS*	818,813	18.80
5. SCMs	196,532	4.51
6. CONTIGUOUS PARK SPACES	350,536	4.51
7. MAIL KIOSK	10,003	0.23
8. GREENWAY^	72,276	1.66
* AREA OF OVERLAP DUKE EASEMENT AND WETLANDS	177,953	4.09
^ AREA OF OVERLAPDUKE EASMENT AND GREENWAY	1,800	0.04

1

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

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

STREET 'C'

1. THOROUGHFARE BUFFER,TYP.

3. DUKE POWER EASEMENT, TYP.

6. SCM, ,TYP.

4. WETLAND,TYP.

STREET 'G'

STREET 'H'

STREET 'I'

180.0' DUKE ENERGY POWERLINE EASEMENT

STREET 'J'

8. GREENWAY, TYP.

STREET 'F'

STREET 'B'

STREET 'K'

SCM #1 SCM #2 SCM #3 SCM #4 SCM #5 SCM #6 SCM #7 SCM #8

AMENITY CENTER

STREET 'L'

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

STREET 'A'

STREET 'J' STREET 'K'

STREET 'I'

2. PERIMETER BUFFER TYPE 2,TYP.

6. CONTINUOUS OPEN SPACE,TYP.

7. MAIL KIOSK

MANLY FARM RD

LEGEND:

- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- ROLESVILLE STANDARD VALLEY CURB

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 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	09/03/2024	SREG

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

OVERALL OPEN SPACE PLAN

DRAWING SHEET
C-1.3

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

REQUIRED PASSIVE AND ACTIVE OPEN SPACE				
	CODE SECTION	SF	AC	%
NET ACREAGE		4,986,317	114.47	100
REQUIRED PASSIVE OPEN SPACE	SECTION 6.2.1.D	598,358	13.74	12.0%
REQUIRED ACTIVE OPEN SPACE	SECTION 6.2.1.G.12	299,179	6.87	6.0%
PROPOSED PASSIVE OPEN SPACE				
P1: POLINATOR GARDEN		177,463	4.07	
P2: DOG PARK		140,874	3.23	
P3: LAWN AND MEADOWS		440,706	10.12	
P4: GREENWAY AND NATURAL AREA		160,647	3.69	
TOTAL PROPOSED PASSIVE OPEN SPACE		**919,690**	**21.11**	**18.44%**
PROPOSED ACTIVE OPEN SPACE				
MEDIUM 1: AMENITY CENTER	SECTION 6.2.1.D.1.b	82,409	1.89	
MEDIUM 2: PARK		49,986	1.15	
SMALL 1: POCKET PARK		12,228	0.28	
SUBTOTAL REQUIRED ACTIVE OPEN SPACE		**144,623**	**3.32**	**2.90%**
ADDITIONAL PROPOSED ACTIVE OPEN SPACE				
AS1: EXERCISE TRACK	TABLE 6.2.1.3. ACTIVE AND PASSIVE FEATURES	51,262	1.18	
AS2: IPEMA 1: PLAYGROUND		7,490	0.17	
AS3: POCKET PARK II		6,792	0.16	
AS4: POCKET PARK III		6,448	0.15	
AS5: DISK GOLF		40,486	0.93	
AS6: RUNNING COURSE (12 LAPS PER MILE)		46,571	1.07	
SUBTOTAL ADDITIONAL PROPOSED ACTIVE OPEN SPACE		**159,049**	**3.65**	**3.19%**
TOTAL PROPOSED ACTIVE OPEN SPACE		**303,672**	**6.97**	**6.09%**

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

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

AS5 DISK GOLF

AS6 RUNNING TRAIL

P3: Lawn and meadows

STREET 'C'

AS4 POCKET PARK III

STREET 'B'

P3: LAWN AND MEADOWS

P1: POLLINATOR GARDEN

STREET 'G'

STREET 'H'

STREET 'I'

P3: LAWN AND MEADOWS

P4: GREENWAY AND NATURAL AREA

STREET 'J'

DUKE ENERGY POWERLINE EASEMENT

180.0'

STREET 'F'

AS3 POCKET PARK II

AS1 EXERCISE COURSE

STREET 'G'

STREET 'K'

STREET 'L'

MEDIUM 2: PARK

MITCHELL MILL ROAD - S.R. 2224
(60' PUBLIC R.O.W.)
(BM 1971, PG 240)

STREET 'J' STREET 'K'

STREET 'A'

STREET 'I'

BIKE LANE

P2: DOG PARK

MEDIUM 1: AMENITY CENTER

AS2 IPEMA 1:PLAYGROUND

SMALL 1: POCKET PARK

0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER

1

LEGEND:

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

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

ACTIVE-PASSIVE OPEN SPACE REQUIREMENTS

DRAWING SHEET
C-1.4

GENERAL CONSTRUCTION NOTES:

1. SEE GENERAL NOTES ON SHEET C-4.0.
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
P̲	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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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CIVIL NOTES

DRAWING SHEET
C-2.0

06 OF 57

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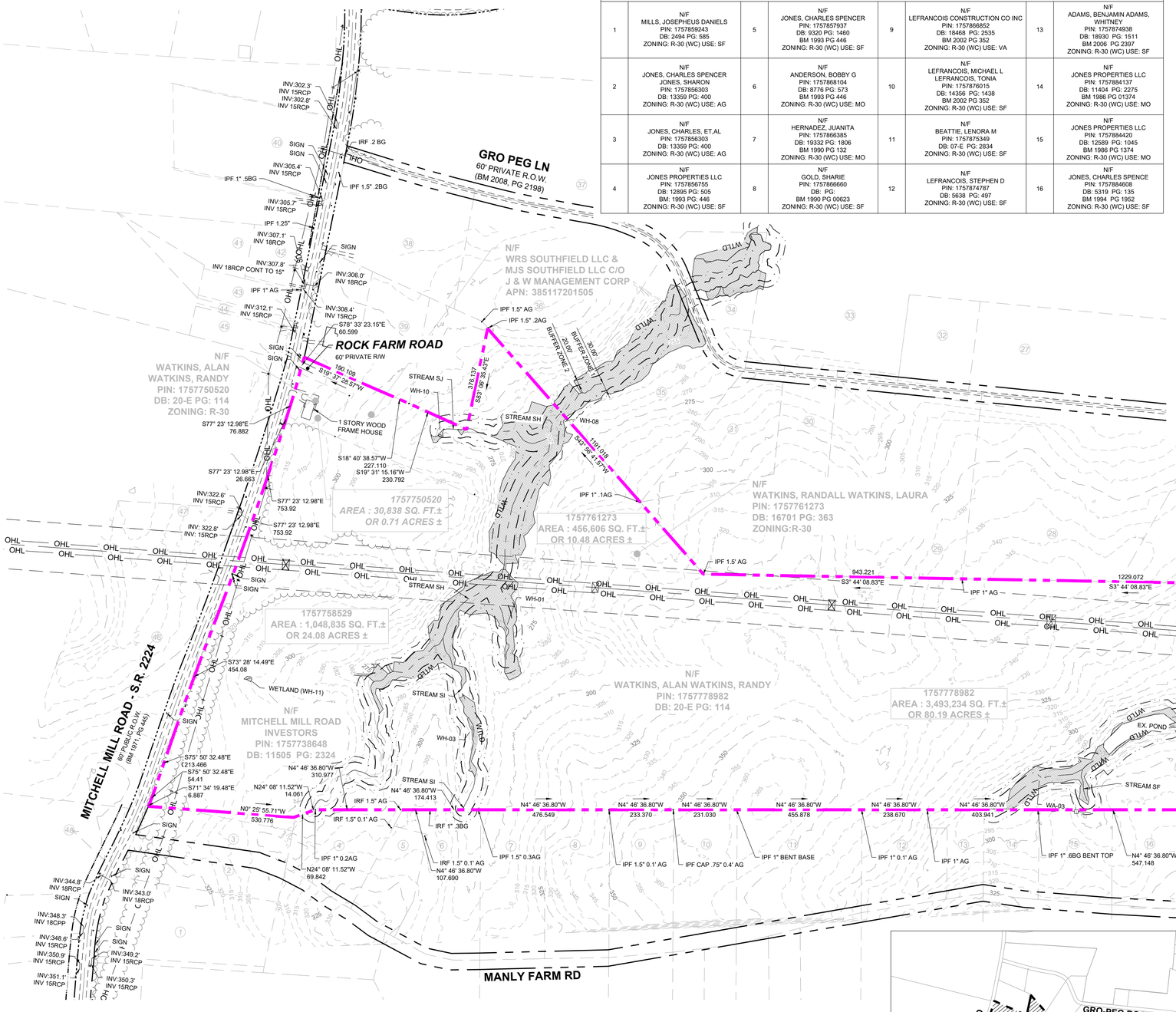
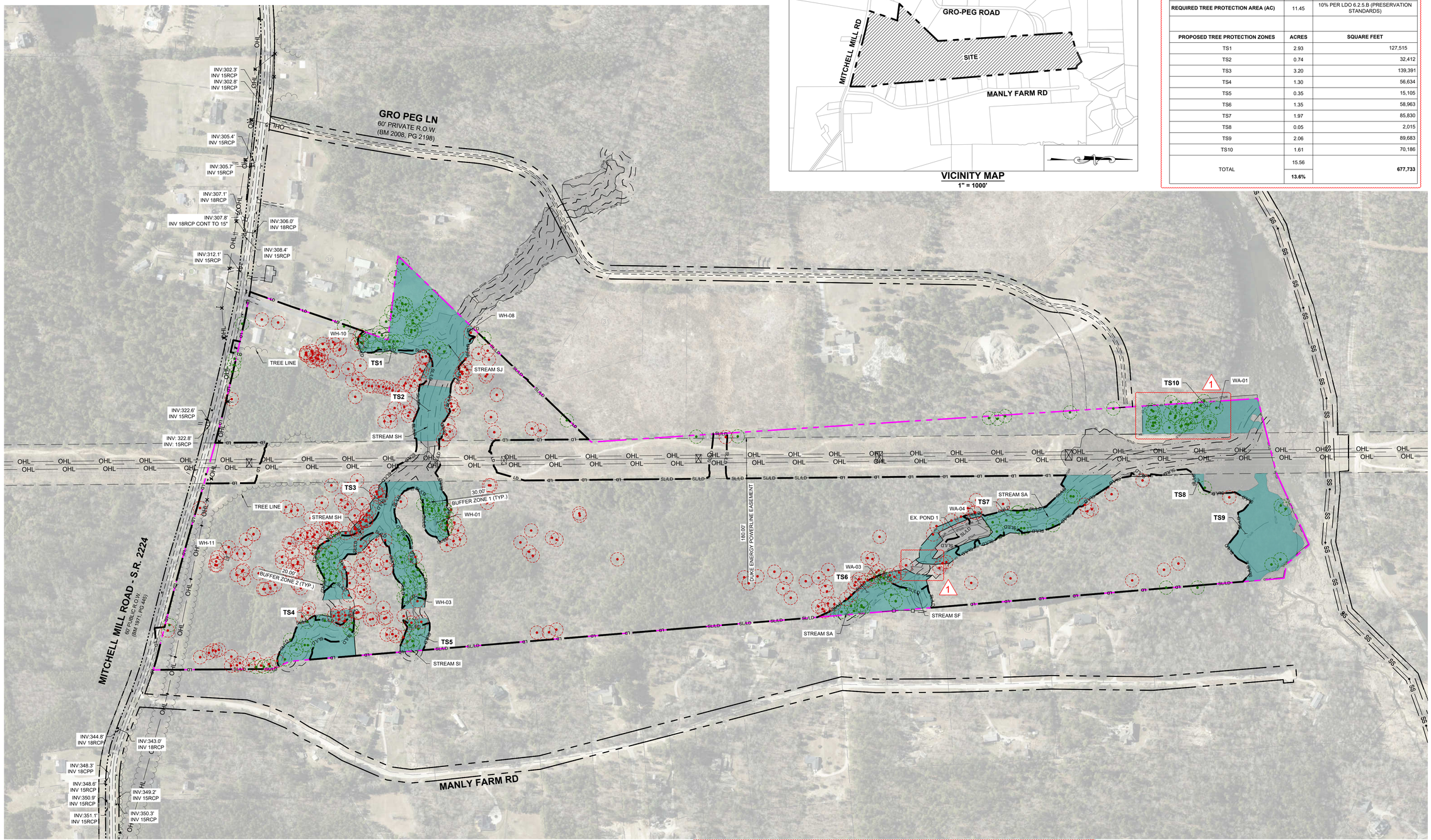
PROGRESS PLOT DATE: 08/30/2024

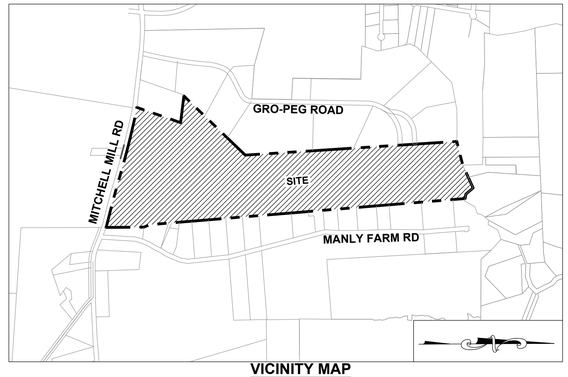
ADJOINER INFORMATION							
1	N/F MILLS, JOSEPHEUS DANIELS PIN: 1757859243 DB: 2494 PG: 585 ZONING: R-30 (WC) USE: SF	5	N/F JONES, CHARLES SPENCER PIN: 1757857937 DB: 9320 PG: 1460 BM 1993 PG 446 ZONING: R-30 (WC) USE: SF	9	N/F LEFRANCOIS CONSTRUCTION CO INC PIN: 1757866852 DB: 18468 PG: 2535 BM 2002 PG 352 ZONING: R-30 (WC) USE: VA	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	6	N/F ANDERSON, BOBBY G PIN: 1757868104 DB: 8776 PG: 573 BM 1993 PG 446 ZONING: R-30 (WC) USE: MO	10	N/F LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA PIN: 1757876015 DB: 14356 PG: 1438 BM 2002 PG 352 ZONING: R-30 (WC) USE: SF	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	7	N/F HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1806 BM 1990 PG 132 ZONING: R-30 (WC) USE: MO	11	N/F BEATTIE, LENORA M PIN: 1757875349 DB: 07-E PG: 2834 ZONING: R-30 (WC) USE: SF	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	8	N/F GOLD, SHARIE PIN: 1757866660 DB: PG: BM 1990 PG 00623 ZONING: R-30 (WC) USE: SF	12	N/F LEFRANCOIS, STEPHEN D PIN: 1757874787 DB: 5638 PG: 497 ZONING: R-30 (WC) USE: SF	16	N/F JONES, CHARLES SPENCE DB: 5319 PG: 135 BM 1994 PG 1952 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	25	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757790646 DB: 14863 PG: 2493 BM 2008 PG 2198 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	41	N/F BETTY H. PARTIN PIN: 1757653216 DB 17435 PG 1751 LOT 2 - BM 1985 PG 88 ZONING: R-30 (WC) USE: SF
18	N/F JONES, CHARLES SPENCE PIN: 1757894101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF	26	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757781960 DB: 14863 PG: 2493 BM 2009 PG 645 ZONING: R-30 (WC) USE: VA	34	N/F GRO PEG PROPERTIES LLC PIN: 1757664956 DB: 19081 PG: 2786 BM 1982 PG 581 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
19	N/F JONES, CHARLES SPENCE PIN: 1757893394 DB: 2478 PG: 210 ZONING: R-30 (WC) USE: MO	27	GRO PEG PROPERTIES LLC PIN: 1757684697 DB: 18359 PG: 1707 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	35	N/F GRO PEG PROPERTIES LLC PIN: 1757668730 DB: 19081 PG: 2786 BM 2022 PG 1203 ZONING: R-30 (WC) USE: VA	43	N/F UTILITY THREE BUILDERS INC PIN: 1757656231 DB: 18226 PG: 2104 ZONING: R-30 (WC) USE: SF
20	N/F RGA CONSULTING LLC PIN: 1757893646 DB: 15770 PG: 1169 BM 2010 PG 725 ZONING: R-30 (WC) USE: VA	28	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757780258 DB: 14863 PG: 2493 BM 2008 PG 2198 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	44	N/F UTILITY THREE BUILDERS INC PIN: 1757646703 DB: 18226 PG: 2104 BM 1981 PG 895 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	29	N/F GRO PEG PROPERTIES LLC PIN: 1757771603 DB: 18359 PG:1707 BM 2023 PG 333 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	45	N/F WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON PIN: 1757657280 DB 2968 PG 536 BM 1981 PG 294 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	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	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	46	N/F SOUTHVIEW INVESTMENT LLC PIN: 1757738451 DB: 19248 PG: 2000 ZONING: R-30 (WC) USE: SF
23	N/F FORRESTER, JENNIFER N FORRESTER, HAYES G PIN: 1758703713 DB: 12620 PG: 2172 ZONING: RL (RO) 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: SF	39	N/F PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757655586 DB: 1882 PG: 342 ZONING: R-30 (WC) USE: S	47	N/F HAMPTON, MELODY L PIN: 1757754163 DB: 4777 PG: 764 BM 1990 PG 511 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	32	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757675786 DB: 14863 PG: 2493 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	40	N/F CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757650296 DB 5344 PG 819 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


GRO PEG LN
60' PRIVATE R.O.W.
(BM 2008, PG 2198)
ROCK FARM ROAD
60' PRIVATE R/W
MANLY FARM RD
MITCHELL MILL ROAD - S.R. 2224
(60' PUBLIC R.O.W. (BM 1971, PG 445))
N/F
WATKINS, ALAN
WATKINS, RANDY
PIN: 1757750520
DB: 20-E PG: 114
ZONING: R-30
1757750520
AREA : 30,838 SQ. FT.±
OR 0.71 ACRES ±
N/F
WRS SOUTHFIELD LLC &
MJS SOUTHFIELD LLC C/O
J & W MANAGEMENT CORP
APN: 385117201505
1757761273
AREA : 456,606 SQ. FT.±
OR 10.48 ACRES ±
N/F
WATKINS, RANDALL WATKINS, LAURA
PIN: 1757761273
DB: 16701 PG: 363
ZONING:R-30
1757758529
AREA : 1,048,835 SQ. FT.±
OR 24.08 ACRES ±
N/F
WATKINS, ALAN WATKINS, RANDY
PIN: 1757778982
DB: 20-E PG: 114
1757778982
AREA : 3,493,234 SQ. FT.±
OR 80.19 ACRES ±
N/F
MITCHELL MILL ROAD
INVESTORS
PIN: 1757738648
DB: 11505 PG: 2324
BUFFER ZONE 1
BUFFER ZONE 2
WETLAND (WH-11)
EX. POND
WA-01
WA-03
WA-04
WH-01
WH-03
WH-08
WH-10
STREAM SA
STREAM SF
STREAM SH
STREAM SI
STREAM SJ
1 STORY WOOD FRAME HOUSE
ELECTRIC EASEMENT
60' EX. TEMPORARY CONSTRUCTION EASEMENT
40' EX. SANITARY SEWER EASEMENT
EX. 415.31 LF - 24" PVC SAN. SWR.
EX. 404.33 LF - 24" PVC SAN. SWR.
EX. 237.39 LF - 24" PVC SAN. SWR.
EX. 324.76 LF - 24" PVC SAN. SWR.
EX. 412.86 LF - 24" PVC SAN. SWR.
EX. 220.71 LF - 24" PVC SAN. SWR.
EX. 271.47 LF - 24" PVC SAN. SWR.
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)
EX. MH-32
STA: 29+52.27
RIM=259.13
INV IN=243.46 (MH-33)
INV OUT=243.46 (MH-31)
EX. MH-33
STA: 31+72.98
RIM=257.74
INV IN=244.19 (MH-34)
INV OUT=244.19 (MH-32)
EX. MH-34
STA: 34+44.45
RIM=253.88
INV IN=248.08 (EX SSMH (1))
INV IN=245.68 (SSMH-2 (1))
INV OUT=245.10 (MH-33)
IRF 1" BENT BASE AG
IRF 1" BENT TOP AG
IRF 1.5" BASE
IRF 1" 6.0BG
IRF 1" 1.0BG
IPF 1" CAPTAC IN2"IPF .8AG
IPF 1" 6.0BG BENT TOP
IPF 1" BENT BASE
IPF 1" .5 AG
IPF 1" .5 BG
IPF 1" .5AG
IPF 1" .6BG BENT TOP
IPF CAP .75" 0.4' AG
IRF 1.5" 0.1' AG
IRF 1" .3BG
IRF 1.5" 0.3AG
IPF 1.5" 0.3AG
IPF 1" 0.2AG
IPF 1.5" 0.1' AG
IPF 1" 0.1' AG
IPF 1" AG
IPF 1" 1AG
IPF 1.5" AG
IPF 1.5" .2AG
IPF 1.5" 1.3AG
IPF 1.5" 2BG
IPF 1.5" .5BG
IRF .2 BG
IPF 1.25"
IPF 1" 1.0BG
IPF 1" AG
IPF 1.5" BASE
IPF 1.5" BENT BASE AG
IPF 1.5" BENT TOP AG
IPF 1.5" 0.1' AG
IPF 1.5" 0.2AG
IPF 1.5" 6.0BG
IPF 1.5" BASE
IPF 1" 1.AG
IPF 1" 1AG
IPF 1" 6.0BG
IPF 1" 1.0BG
IPF 1" .8AG
IPF 1" .5AG
IPF 1" 0.1' AG
IPF 1" 0.2AG
IPF 1" BENT BASE
IPF 1" BENT TOP AG
IPF 1" BENT TOP AG
IPF 1" .5 AG
IPF 1" .5 BG
IPF 1" .6BG BENT TOP
IPF 1" .8AG
IPF 1" 1.0BG
IPF 1" 1.AG
IPF 1" 1AG
IPF 1" 6.0B

PROGRESS PLOT DATE: 08/30/2024





VICINITY MAP
1" = 1000'

1

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	2.93	127,515
TS2	0.74	32,412
TS3	3.20	139,391
TS4	1.30	56,634
TS5	0.35	15,105
TS6	1.35	58,963
TS7	1.97	85,830
TS8	0.05	2,015
TS9	2.06	89,683
TS10	1.61	70,186
TOTAL	15.56	
	13.6%	**677,733**

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

- PROPERTY LINE
- EXISTING ADJOINER PROPERTY LINE
- EXISTING STREAM
- EXISTING BUFFER
- FLOODWAY LINE
- SS — EXISTING 8" SANITARY SEWER
- TP — TREE PROTECTION FENCE
- EXISTING FIRE HYDRANT
- 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
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

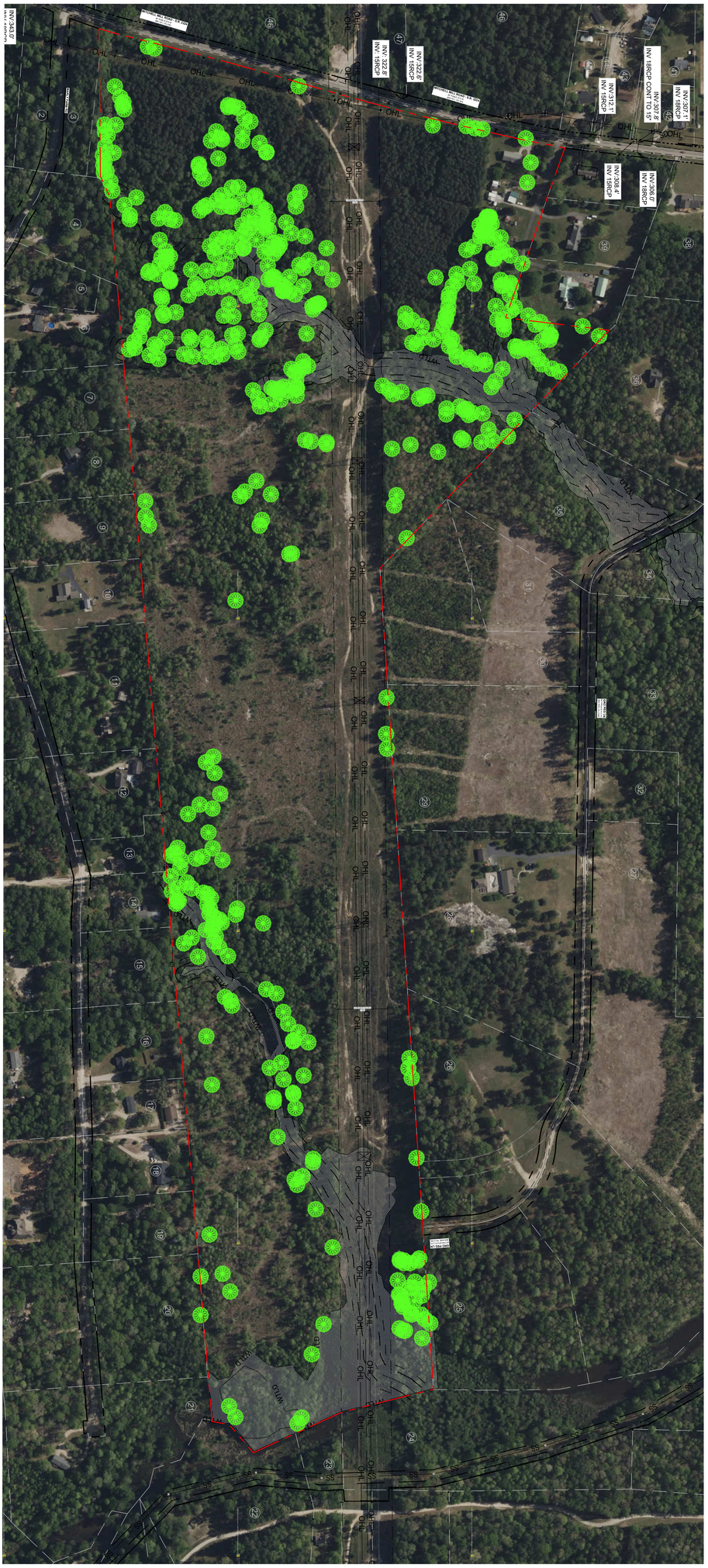
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

TREE PROTECTION PLAN

DRAWING SHEET
C-3.1

08 OF 57



GRAPHIC SCALE

(IN FEET)

1 inch = 50 ft

50 0 25 50 100 200

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PROGRESS PLOT DATE: 08/30/2024

09 OF 57

DRAWING SHEET C-3.2

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

OVERALL TREE INVENTORY MAP

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

STRONGROCK ENGINEERING GROUP

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166

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SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038225 JASON WILLIAM LAMBERT

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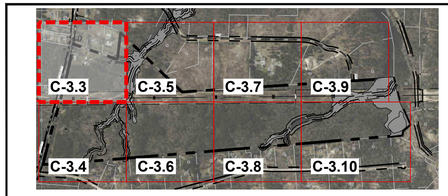

SITE KEY PLAN

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.

No.	REVISIONS	DATE	BY
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STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL TREE INVENTORY MAP I

DRAWING SHEET
C-3.3

10 OF 57

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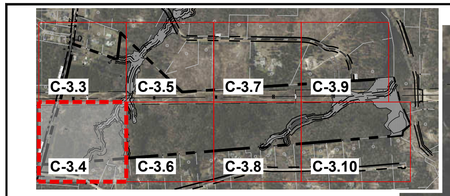
PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.4 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

OHL

WTLD

46 2 3 4 5

FOR CONTINUATION, SEE C-3.6

MATCH LINE

No.	REVISIONS	DATE	BY
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SEAL

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

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

PARTIAL TREE INVENTORY MAP II

DRAWING SHEET
C-3.4

11 OF 57

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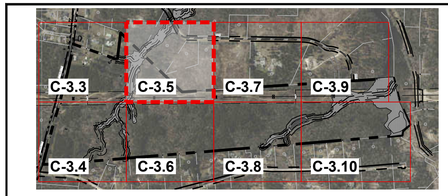

SITE KEY PLAN

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-3.3

MATCH LINE

MATCH LINE

FOR CONTINUATION, SEE C-3.7

MATCH LINE

FOR CONTINUATION, SEE C-3.6

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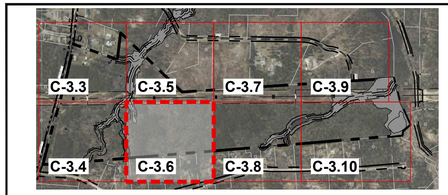
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL TREE INVENTORY MAP III

DRAWING / SHEET
C-3.5



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

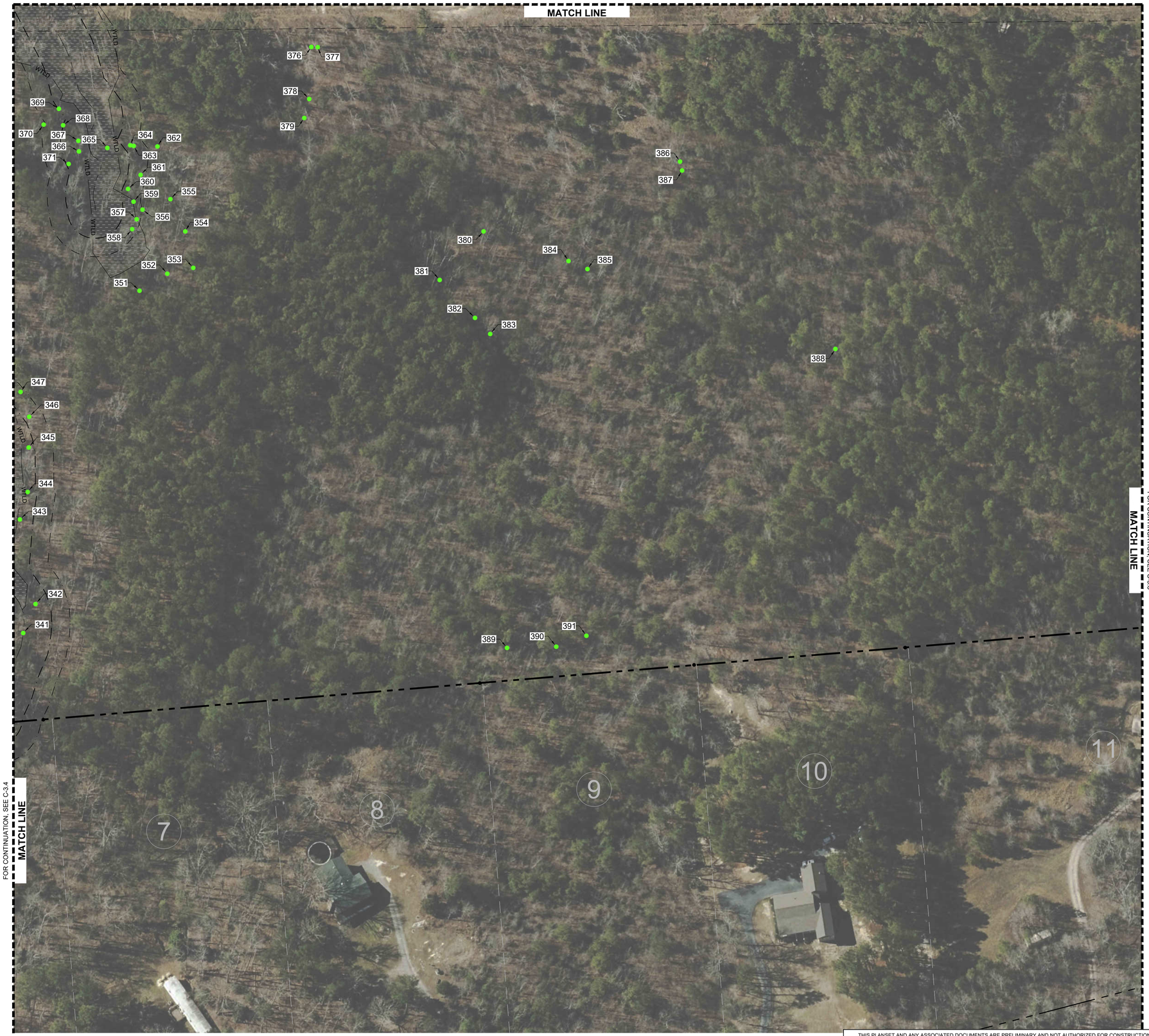
GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-3.5

MATCH LINE



FOR CONTINUATION, SEE C-3.8

MATCH LINE

FOR CONTINUATION, SEE C-3.4

MATCH LINE

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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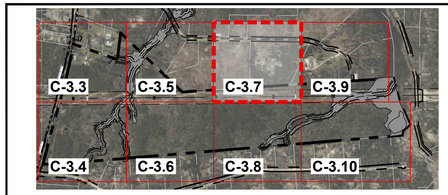
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

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

PARTIAL TREE INVENTORY MAP IV

DRAWING SHEET
C-3.6



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

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

32

27

28

29

128

129

130

OHL

ELECTRIC EASEMENT
100' V

MATCH LINE

FOR CONTINUATION, SEE C-3.9

MATCH LINE

FOR CONTINUATION, SEE C-3.8

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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

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

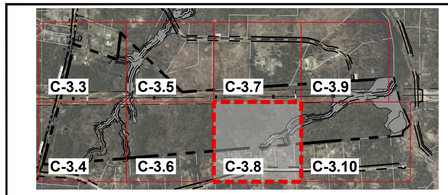
STRONG ROCK PROJECT	
HOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL TREE INVENTORY MAP V

DRAWING SHEET

C-3.7



SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

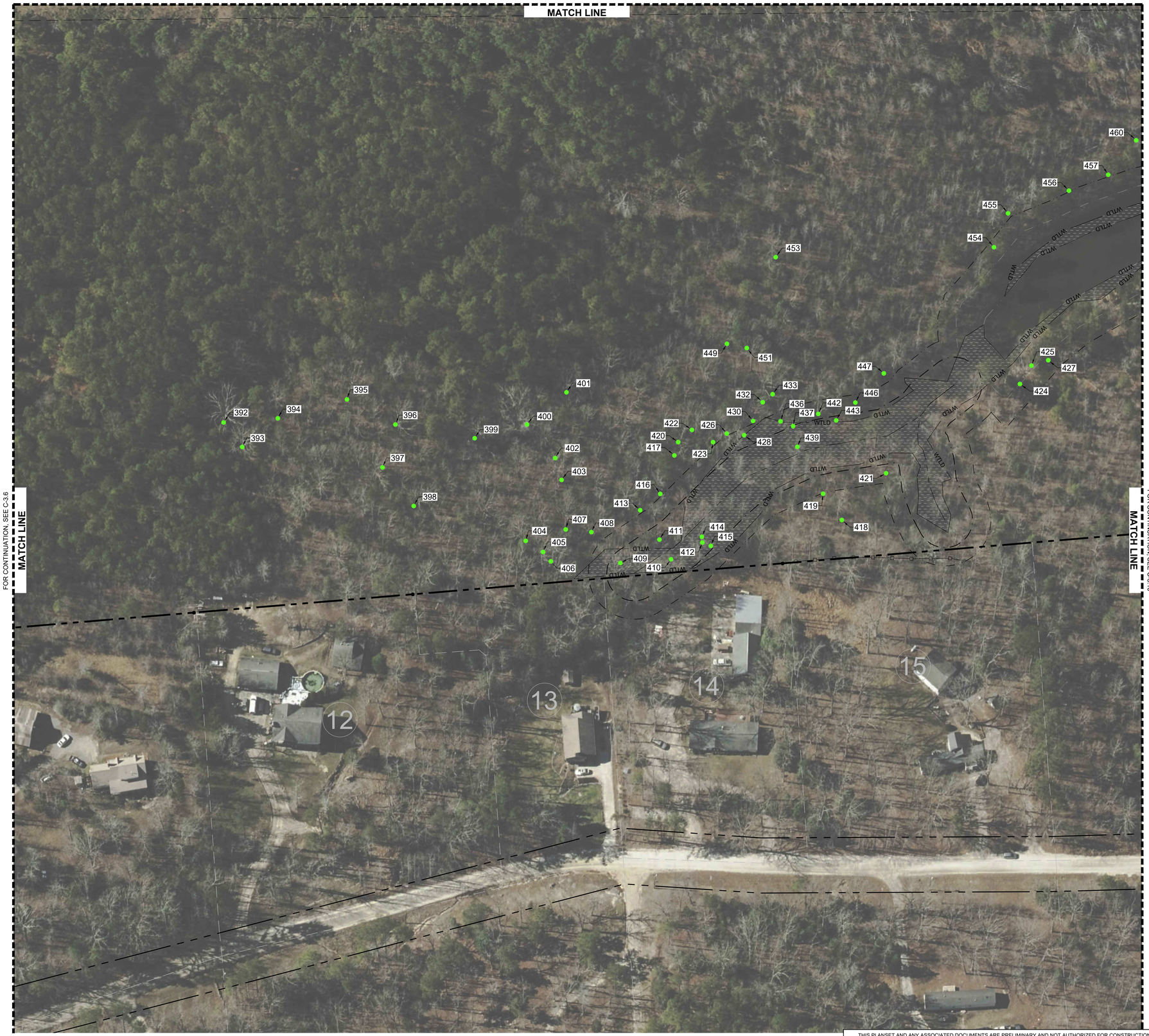
GRAPHIC SCALE

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

FOR CONTINUATION, SEE C-3.10

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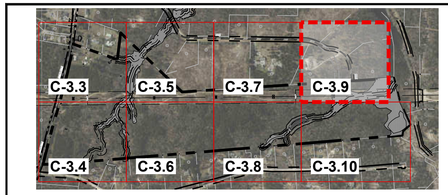
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL TREE INVENTORY MAP VI

DRAWING SHEET
C-3.8



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

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

26

25

131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164

WTLD

OHL

MATCH LINE
FOR CONTINUATION, SEE C-3.10

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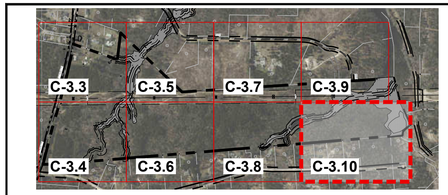
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL TREE INVENTORY MAP VII

DRAWING SHEET
C-3.9



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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1	TOWN OF ROLESVILLE V2-PSP-24-03	09/30/2024	SREG

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

PARTIAL TREE INVENTORY MAP VIII

DRAWING SHEET

C-3.10

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

Tree Code	Botanical Name	Dbh 1	Condition Class
82	QUAL	24	Fair
83	QURU	20	Fair
84	LITU	26	Fair
85	QURU	19	Fair
86	QUAL	32	Fair
87	QUAL	18	Fair
88	QUAL	24	Fair
89	QUAL	33	Fair
90	QUAL	22	Fair
91	QUAL	24	Fair
92	PITA	24	Fair
93	PITA	25	Fair
94	PITA	25	Fair
95	PITA	31	Fair
96	PITA	25	Fair
97	PITA	24	Fair
98	LIST	19	Fair
99	ULAL	18	Fair
100	LITU	21	Fair
101	PITA	24	Fair
102	PITA	21	Fair
103	LITU	31	Fair
104	PITA	24	Fair
105	ACRU	23	Fair
106	NYSY	18	Fair
107	PITA	24	Fair
108	PITA	23	Fair
109	LITU	24	Fair
110	LIST	19	Fair
111	PITA	25	Fair
112	PITA	20	Fair
113	PITA	21	Fair
114	PITA	26	Fair
115	QUAL	48	Fair
116	ACRU	18	Fair
117	QUAL	26	Fair
118	QUAL	25	Fair
119	LITU	19	Fair
120	PITA	21	Fair
121	PITA	20	Fair
122	QUAL	20	Fair
123	QUAL	27	Fair
124	ACRU	20	Fair
125	CATO	25	Fair
126	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
152	PITA	21	Fair
153	PITA	20	Fair
154	PITA	21	Fair
155	PITA	21	Fair
156	PITA	20	Fair
157	PITA	22	Fair
158	LIST	19	Fair
159	LIST	19	Fair
160	LIST	21	Fair
161	ACRU	25	Fair
162	ACRU	20	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
163	PITA	20	Fair
164	PITA	20	Fair
165	ACRU	25	Good
166	LITU	20	Good
167	PITA	20	Good
168	PITA	22	Fair
169	PITA	24	Fair
170	PITA	20	Good
171	PITA	26	Fair
172	PITA	24	Fair
173	QUNI	18	Good
174	QUNI	25	Dead
175	QUNI	31	Good
176	LITU	29	Poor
177	LITU	35	Fair
178	LITU	18	Good
179	PLAC1	23	Poor
180	PLAC1	18	Fair
181	LITU	36	Good
182	PLAC1	25	Good
183	LITU	28	Good
184	LIST	18	Good
185	LIST	21	Good
186	LITU	24	Fair
187	QUAL	18	Good
188	LITU	18	Fair
189	LITU	21	Poor
190	LITU	23	Poor
191	QUAL	22	Good
192	QUAL	24	Good
193	LITU	25	Fair
194	LITU	18	Fair
195	LITU	19	Fair
196	PLAC1	23	Good
197	LITU	20	Fair
198	LITU	19	Good
199	LITU	18	Good
200	PITA	30	Good
201	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
228	LITU	23	Good
229	LITU	23	Fair
230	LITU	26	Good
231	LITU	35	Poor
232	LITU	31	Poor
233	LITU	22	Fair
234	LITU	28	Poor
235	LITU	25	Fair
236	QUAL	26	Good
237	QUAL	20	Good
238	LITU	18	Fair
239	LITU	22	Good
240	PITA	22	Good
241	LITU	22	Good
242	PLAC1	19	Good
243	LITU	18	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
244	LITU	18	Good
245	QURU	19	Good
246	QURU	24	Fair
247	QUAL	18	Good
248	QUAL	25	Poor
249	QUAL	23	Poor
250	QURU	21	Good
251	QURU	19	Fair
252	ACRU	18	Poor
253	ULAM	35	Poor
254	QUAL	25	Good
255	ACRU	28	Fair
256	QUNI	18	Fair
257	ACRU	18	Good
258	LITU	19	Good
259	PLOC	38	Good
260	LITU	30	Good
261	LITU	21	Good
262	LITU	24	Fair
263	LITU	31	Poor
264	LITU	42	Fair
265	LITU	24	Good
266	LITU	28	Good
267	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
307	PITA	20	Fair
308	PITA	20	Fair
309	PITA	24	Fair
310	PITA	20	Fair
311	QURU	18	Fair
312	QUAL	20	Fair
313	PITA	21	Fair
314	PITA	21	Fair
315	PITA	20	Fair
316	PITA	20	Fair
317	LITU	23	Fair
318	LITU	20	Fair
319	QUAL	37	Fair
320	QUAL	36	Fair
321	PITA	20	Fair
322	PITA	20	Fair
323	PITA	24	Fair
324	QUAL	23	Fair

Tree Code	Botanical Name	Dbh 1	Condition Class
325	QUAL	27	Fair
326	PITA	20	Fair
327	QUAL	27	Fair
328	PLOC	22	Fair
329	QUFA	24	Poor
330	LITU	20	Fair
331	PITA	24	Fair
332	LITU	19	Fair
333	LITU	19	Fair
334	QURU	23	Fair
335	QURU	25	Fair
336	LITU	20	Fair
337	QUFA	24	Fair
338	LITU	21	Fair
339	LITU	27	Fair
340	LITU	19	Fair
341	QUNI	20	Fair
342	QURU	19	Fair
343	LITU	18	Fair
344	LITU	18	Fair
345	LITU	19	Fair
346	PITA	23	Fair
347	PITA	23	Fair
348	ACRU	18	Fair
349	PITA	24	Fair
350	LIST	23	Fair
351	QUNI	20	Fair
352	QUNI	36	Fair
353	QUNI	32	Fair
354	PITA	20	Fair
355	LIST	20	Fair
356	LITU	24	Poor
357	LITU	24	Fair
358	LITU	19	Fair
359	LITU	19	Fair
360	LITU	25	Fair
361	LIST	18	Fair
362	QUNI	26	Fair
363	ILOP	18	Fair
364	LIST	18	Fair
365	LITU	23	Fair
366	LITU	19	Fair
367	LITU	23	Fair
368	LITU	18	Fair
369	LITU	20	Fair
370	QURU	18	Fair
371	LITU	23	Fair
372	LITU	23	Fair
373	LITU	18	Fair
374	PITA	25	Fair
375	LITU	19	Fair
376	QUAL	24	Fair
377	QURU	18	Fair
378	QUAL	18	Fair
379	CATO	19	Fair
380	QURU	18	Fair
381	PLOC	19	Fair
382	QUFA	18	Fair
383	QUAL	21	Fair
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
397	QUAL	21	Fair
398	QUAL	19	Fair
399	QUAL	20	Fair
400	ULAL	36	Fair
401	ULAL	19	Fair
402	QUAL	18	Fair
403	QUAL	18	Fair
404	QUFA	22	Fair
405	QUFA	26	Poor

Tree Code	Botanical Name	Dbh 1	Condition Class
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
447	LITU	30	Fair
448	LITU	19	Fair
449	QUAL	21	Fair
450	QUAL	18	Fair
451	QUAL	18	Fair
452	ACRU	24	Fair
453	QUAL	21	Fair
454	PITA	23	Fair
455	CAGL	19	Fair
456	PITA	20	Fair
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
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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

TREE INVENTORY TABLE

DRAWING SHEET
C-3.11

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PROGRESS PLOT DATE: 08/30/2024

ADJOINER INFORMATION								
1	N/F MILLS, JOSEPHEUS DANIELS PIN: 1757859243 DB: 2494 PG: 585 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	9	N/F LEFRANCOIS CONSTRUCTION CO INC PIN: 1757866852 DB: 18468 PG: 2535 BM 2002 PG 352 ZONING: R-30 (WC) USE: VA	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	6	N/F ANDERSON, BOBBY G PIN: 1757868104 DB: 8776 PG: 573 BM 1993 PG 446 ZONING: R-30 (WC) USE: MO	10	N/F LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA PIN: 1757876015 DB: 14356 PG: 1438 BM 2002 PG 352 ZONING: R-30 (WC) USE: SF	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	7	N/F HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1806 BM 1990 PG 132 ZONING: R-30 (WC) USE: MO	11	N/F BEATTIE, LENORA M PIN: 1757875349 DB: 07-E PG: 2834 ZONING: R-30 (WC) USE: SF	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	8	N/F GOLD, SHARIE PIN: 1757866660 DB: PG: BM 1990 PG 00623 ZONING: R-30 (WC) USE: SF	12	N/F LEFRANCOIS, STEPHEN D PIN: 1757874787 DB: 5638 PG: 497 ZONING: R-30 (WC) USE: SF	16	N/F JONES, CHARLES SPENCE PIN: 1757894008 DB: 5319 PG: 135 BM 1994 PG 1952 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	25	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757790646 DB: 14863 PG: 2493 BM 2008 PG 2198 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	41	N/F BETTY H. PARTIN PIN: 1757653216 DB 17435 PG 1751 LOT 2 - BM 1985 PG 88 ZONING: R-30 (WC) USE: SF
18	N/F JONES, CHARLES SPENCE PIN: 1757894101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF	26	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757781960 DB: 14863 PG: 2493 BM 2009 PG 645 ZONING: R-30 (WC) USE: VA	34	N/F GRO PEG PROPERTIES LLC PIN: 1757664956 DB: 19081 PG: 2786 BM 1982 PG 581 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
19	N/F JONES, CHARLES SPENCE PIN: 1757893394 DB: 2478 PG: 210 ZONING: R-30 (WC) USE: MO	27	N/F GRO PEG PROPERTIES LLC PIN: 1757684697 DB: 18359 PG: 1707 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	35	N/F GRO PEG PROPERTIES LLC PIN: 1757668730 DB: 19081 PG: 2786 BM 2022 PG 1203 ZONING: R-30 (WC) USE: VA	43	N/F UTILITY THREE BUILDERS INC PIN: 1757656231 DB: 18226 PG: 2104 ZONING: R-30 (WC) USE: SF
20	N/F RGA CONSULTING LLC PIN: 1757893646 DB: 15770 PG: 1169 BM 2010 PG 725 ZONING: R-30 (WC) USE: VA	28	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757780258 DB: 14863 PG: 2493 BM 2008 PG 2198 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	44	N/F UTILITY THREE BUILDERS INC PIN: 1757646703 DB: 18226 PG: 2104 BM 1981 PG 895 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	29	N/F GRO PEG PROPERTIES LLC PIN: 1757771603 DB: 18359 PG:1707 BM 2023 PG 333 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	45	N/F WILLIE RAY SUTTON AND WIFE, PAMELA Z. SUTTON PIN: 1757657280 DB 2958 PG 536 BM 1981 PG 294 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	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	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	46	N/F SOUTHVIEW INVESTMENT LLC PIN: 1757738451 DB: 19248 PG: 2000 ZONING: R-30 (WC) USE: SF
23	N/F FORRESTER, JENNIFER N FORRESTER, HAYES G PIN: 1757707313 DB: 12620 PG: 2172 ZONING: RL (RO) 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: SF	39	N/F PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656586 DB: 1882 PG: 342 ZONING: R-30 (WC) USE: S	47	N/F HAMPTON, MELODY L PIN: 1757754163 DB: 4777 PG: 764 BM 1990 PG 511 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	32	N/F CARLE, SCOTT CARLE, THERESA PIN: 1757675786 DB: 14863 PG: 2493 BM 1980 PG 396 ZONING: R-30 (WC) USE: VA	40	N/F CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757650296 DB 5344 PG 819 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

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

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

MANLY FARM RD

N/F
WRS SOUTHFIELD LLC &
MJS SOUTHFIELD LLC C/O
J & W MANAGEMENT CORP
APN: 385117201505

N/F
WATKINS, ALAN
WATKINS, RANDY
PIN: 1757750520
DB: 20-E PG: 114
ZONING: R-30

1757750520
AREA : 30,838 SQ. FT.±
OR 0.71 ACRES ±

N/F
WATKINS, RANDALL WATKINS, LAURA
PIN: 1757761273
DB: 16701 PG: 363
ZONING:R-30

1757761273
AREA : 456,606 SQ. FT.±
OR 10.48 ACRES ±

1757758529
AREA : 1,048,835 SQ. FT.±
OR 24.08 ACRES ±

N/F
MITCHELL MILL ROAD
INVESTORS
PIN: 1757738648
DB: 11505 PG: 2324

N/F
WATKINS, ALAN WATKINS, RANDY
PIN: 1757778982
DB: 20-E PG: 114

1757778982
AREA : 3,493,234 SQ. FT.±
OR 80.19 ACRES ±

1 STORY WOOD FRAME HOUSE

WETLAND (WH-11)

BUFFER ZONE 1 30.00'
BUFFER ZONE 2 20.00'

180.00' ELECTRIC EASEMENT

60' EX. TEMPORARY CONSTRUCTION EASEMENT

40' EX. SANITARY SEWER EASEMENT

LEGEND:

- MASTER PLAN BOUNDARY
- EXISTING ADJOINER PROPERTY LINE
- 330 — 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

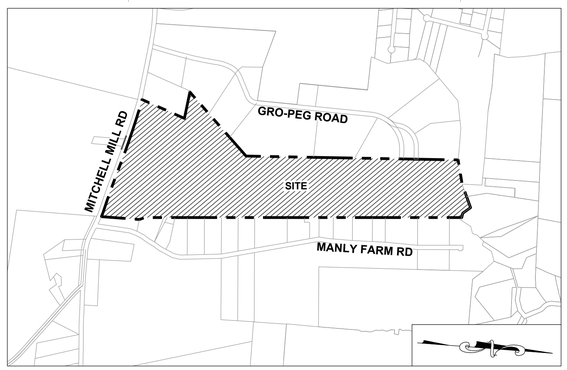
GRAPHIC SCALE
200 0 100 200 400 800
(IN FEET)
1 inch = 200 ft.

DEMOLITION KEYNOTES:

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

1

VICINITY MAP
1" = 1000'



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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

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. L AMBERT
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	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

DEMOLITION PLAN

DRAWING SHEET
C-4.0

19 OF 57

PROGRESS PLOT DATE: 08/30/2024

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L1	STREET A	404.98'	N4°46'37"W	0+00.00	4+04.98
L2	STREET A	68.03'	N27°46'10"W	5+25.37	5+93.39
L3	STREET A	184.24'	N3°15'35"W	7+00.34	8+84.57
L4	STREET A	46.26'	N20°52'47"E	9+81.48	10+27.73
L5	STREET A	1444.35'	N4°46'37"W	11+30.73	25+75.07
L6	STREET B	31.86'	N85°13'23"E	12+21.25	12+53.10
L7	STREET B	184.12'	S67°13'00"E	5+50.70	7+34.81
L8	STREET C	597.86'	N12°36'47"E	0+00.00	5+97.86
L9	STREET C	63.09'	S77°06'48"E	5+97.86	6+60.95
L10	STREET C	4.31'	S74°45'22"E	11+38.08	11+42.39
L11	STREET C	108.53'	S53°18'23"E	11+98.55	13+07.07
L12	STREET C	200.59'	N85°13'23"E	14+88.02	16+88.61
L13	STREET D	213.11'	S77°23'13"E	0+00.00	2+13.11
L14	PRIVATE DRIVE E	191.35'	S77°23'13"E	0+00.00	1+91.35
L15	STREET G	605.78'	N85°13'23"E	4+66.25	10+72.02

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L16	STREET G	74.99'	S63°56'33"E	2+29.81	3+04.79
L17	STREET G	62.35'	S54°20'54"E	0+00.00	0+62.35
L18	STREET H	1047.13'	N4°46'37"W	0+00.00	10+47.13
L19	STREET I	653.91'	S85°13'23"W	0+00.00	6+53.91
L20	STREET I	120.22'	N87°11'53"W	7+29.18	8+49.39
L21	STREET J	571.09'	N4°46'37"W	0+00.00	5+71.09
L22	STREET J	240.36'	N22°57'44"W	6+44.09	8+84.45
L23	STREET J	111.85'	N4°46'37"W	10+43.15	11+54.99
L24	STREET K	198.62'	N85°13'23"E	1+48.62	3+47.23
L25	STREET K	148.61'	N85°13'23"E	0+00.00	1+48.61
L26	STREET L	121.11'	N53°33'15"E	0+00.00	1+21.11
L27	STREET L	1074.38'	N4°46'37"W	3+55.27	14+29.64
L28	STREET L	1074.38'	N4°46'37"W	3+55.27	14+29.64
L29	STREET L	94.19'	S14°07'11"W	16+40.53	17+34.71
L30	STREET L	265.67'	S37°42'28"E	20+06.09	22+71.75

CURVE TABLE							
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C1	STREET A	300.00'	120.39'	119.58'	N16°16'24"W	4+04.98	5+25.36
C2	STREET A	250.00'	106.94'	106.13'	N15°30'53"W	5+93.39	7+00.33
C3	STREET A	230.00'	96.90'	96.19'	N8°48'36"E	8+84.57	9+81.47
C4	STREET A	230.00'	102.99'	102.13'	N8°03'05"E	10+27.73	11+30.72
C5	STREET B	400.00'	137.43'	136.75'	S84°56'03"E	10+83.81	12+21.24
C6	STREET B	400.00'	137.43'	136.75'	S84°56'03"E	10+83.81	12+21.24
C7	STREET B	10746.00'	322.14'	322.12'	S74°13'58"E	7+61.68	10+83.81
C8	STREET B	10746.00'	322.14'	322.12'	S74°13'58"E	7+61.68	10+83.81
C9	STREET B	10746.00'	322.14'	322.12'	S74°13'58"E	7+61.68	10+83.81
C10	STREET B	250.00'	26.87'	26.85'	S70°17'43"E	7+34.81	7+61.68
C11	STREET B	250.00'	33.07'	33.05'	S71°00'24"E	5+17.62	5+50.70
C12	STREET B	250.00'	33.07'	33.05'	S71°00'24"E	5+17.62	5+50.70
C13	STREET B	11280.00'	517.62'	517.58'	S76°06'40"E	0+00.00	5+17.62

CURVE TABLE							
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C14	STREET B	11280.00'	517.62'	517.58'	S76°06'40"E	0+00.00	5+17.62
C15	STREET C	11598.00'	477.13'	477.10'	S75°56'05"E	6+60.95	11+38.08
C16	STREET C	150.00'	56.16'	55.83'	S64°01'53"E	11+42.39	11+98.54
C17	STREET C	250.00'	180.95'	177.02'	S74°02'30"E	13+07.07	14+88.02
C18	STREET G	300.00'	161.45'	159.51'	S79°21'35"E	3+04.79	4+66.24
C19	STREET G	1000.00'	167.45'	167.26'	S59°08'44"E	0+62.35	2+29.81
C20	STREET I	569.00'	75.26'	75.21'	S89°00'45"W	6+53.91	7+29.18
C21	STREET J	230.00'	73.00'	72.69'	N13°52'10"W	5+71.09	6+44.09
C22	STREET J	500.00'	158.70'	158.03'	N13°52'10"W	8+84.45	10+43.14
C23	STREET L	230.00'	234.16'	224.17'	N24°23'19"E	1+21.11	3+55.27
C24	STREET L	75.00'	210.88'	147.97'	N85°19'43"W	14+29.64	16+40.53
C25	STREET L	300.00'	271.37'	282.21'	S11°47'39"E	17+34.71	20+06.08

NOTES:

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

LOT SIZE MINIMUMS	LOT
A: 50' x 160'	68
B: 55' x 146'	16
C: 60' x 134'	56
D: 65' x 125'	52
E: 70' x 115'	15
F: 80' x 100'	14
TOTAL	221

LEGEND:

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- EXISTING FENCE
- ROLESVILLE STANDARD VALLEY CURB
- STANDARD CURB & GUTTER
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- OPEN SPACE
- WTLD / WTLD — EXISTING WETLAND
- RESERVE OPEN AREA
- POND AREA
- GREEN WAY

GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 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

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
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	JWL
DRAWN BY	SRG
CHECKED BY	JWL

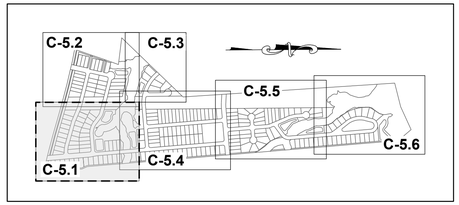
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

OVERALL SITE PLAN

DRAWING SHEET
C-5.0

20 OF 57

PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

LEGEND:

SEE SHEET C-5.0 FOR LEGEND, LINE AND CURVE TABLES

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

MATCH LINE

FOR CONTINUATION SEE C-5.2

FOR CONTINUATION SEE C-5.4

MATCH LINE

PLAYGROUND
6,792 SF

MAIL KIOSK
10,003 SF

PLAYGROUND
7,493 SF

PLAYGROUND
12,228 SF

DOG PARK
13,005 SF

SCM #2

SCM #3

SCM MAINTENANCE EASEMENT

ELECTRIC EASEMENT

RETAINING WALL (TYP.)

STREET 'A'
70' PUBLIC R/W

STREET 'B'
50' PUBLIC R/W

STREET 'F'
50' PUBLIC R/W

WETLANDS (WH-11)

WH-01

WH-03

STREAM SH

STREAM SI

20' PUBLIC DRAINAGE EASEMENT (TYP.)

20.0' DRAINAGE & ACCESS EASEMENT

CROSSWALK (TYP.)

SIDEWALK (TYP.)

FENCE (TYP.)

TYPE II PERIMETER BUFFER

EXISTING ROW

25' ROW DEDICATION

10' SIDEPATH

THOROUGHFARE BUFFERYARD

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

MANLY FARM RD

12.0' LANE

POWER POLE TO BE RELOCATED BY POWER COMPANY.

4. Confirm if this wetland will remain. With the disturbance, it will be impacted.

5. Revise retaining walls to not encroach into the building footprint area. Confirm if an easement is needed or if the owner will be required to maintain the wall.

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

BY	DATE	REVISIONS	No.
SREG	05/30/2024	TOWN OF ROLESVILLE V1-PSP-24-03	0
SREG	09/30/2024	TOWN OF ROLESVILLE V2-PSP-24-03	1

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
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	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL SITE PLAN I

DRAWING SHEET

C-5.1

21 OF 57

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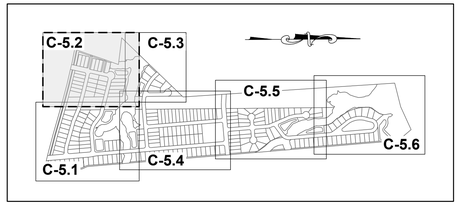


SITE KEY PLAN

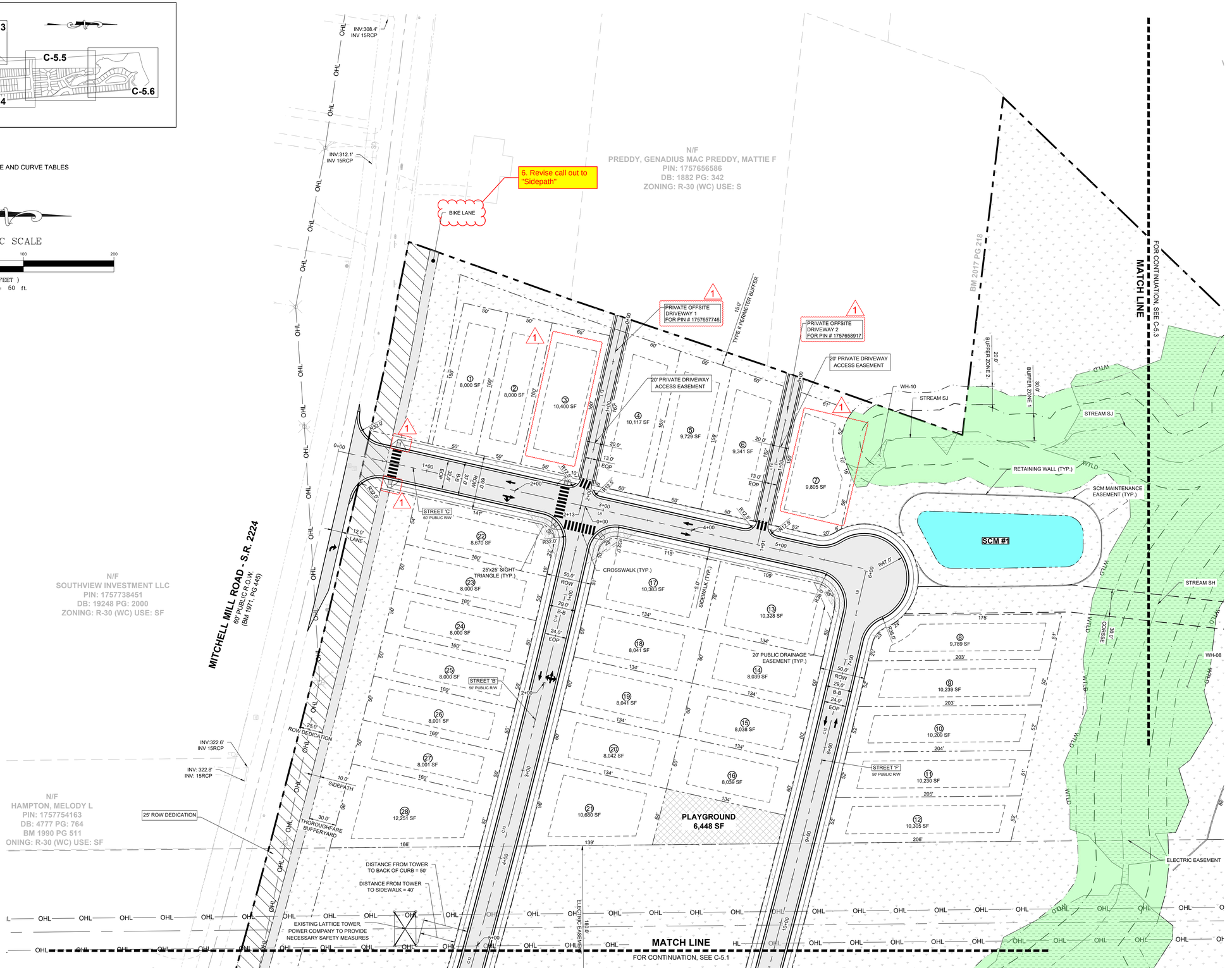
LEGEND:

SEE SHEET C-5.0 FOR LEGEND, LINE AND CURVE TABLES

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



BY	DATE	REVISIONS	No.
SREG			
SREG	05/30/2024	TOWN OF ROLESVILLE V1-PSP-24-03	0
	08/30/2024	TOWN OF ROLESVILLE V2-PSP-24-03	1

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
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	JWL	
	DRAWN BY	SRG	
	CHECKED BY	JWL	

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

PARTIAL SITE PLAN II

DRAWING SHEET
C-5.2

22 OF 57

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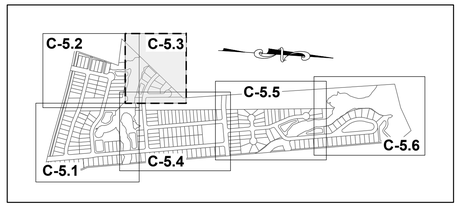

SITE KEY PLAN

LEGEND:

SEE SHEET C-5.0 FOR LEGEND, LINE AND CURVE TABLES

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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

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

MATCH LINE
FOR CONTINUATION, SEE C-5.2

STREAM SH
STREAM SJ
WH-08
20.0' BUFFER ZONE 2
30.0' BUFFER ZONE 1
WTLD
WYLD

7. Wall encroaches into properties. Please confirm if an easement is needed.

SCM #4
SCM MAINTENANCE EASEMENT (TYP.)
20.0' DRAINAGE & ACCESS EASEMENT
RETAINING WALL (TYP.)
SIDEWALK (TYP.)
15.0' TYPE II PERIMETER BUFFER
30.0' UTILITY EASEMENT
30.0' CORSSE
STREET 'F'
50' PUBLIC R/W
ELECTRIC EASEMENT

100 9,465 SF
101 8,285 SF
102 8,091 SF
103 9,234 SF
104 9,194 SF
105 15,838 SF
106 26,428 SF
107 9,866 SF

FOR CONTINUATION, SEE C-5.4
MATCH LINE

OHL

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

SEAL
NORTH CAROLINA PROFESSIONAL
SEAL 036225 ENGINEER
JOSHUA W. LAMBERT

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

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

PARTIAL SITE PLAN III

DRAWING SHEET
C-5.3

23 OF 57

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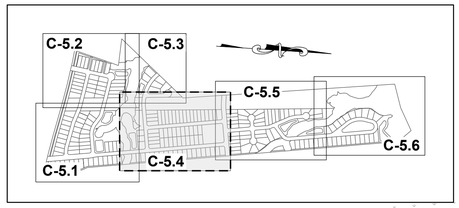
PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

LEGEND:

SEE SHEET C-5.0 FOR LEGEND, LINE AND CURVE TABLES

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

8. Fix overlap so entirety of lot 99 is visible on the plan.

FOR CONTINUATION, SEE C-5.3

MATCH LINE

DISTANCE FROM TOWER TO BACK OF CURB

DISTANCE FROM TOWER TO SIDEWALK

EXISTING LATTICE TOWER

ELECTRIC EASEMENT

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'

STREET 'I'
62' PUBLIC R/W

STREET 'G'
50' PUBLIC R/W

STREET 'H'
50' PUBLIC R/W

STREET 'A'
50' PUBLIC R/W

10 FT. HOA PRIVATE MULTI-USE CONCRETE

HOA AREA

SIDEWALK (TYP.)

25'x25' SIGHT TRIANGLE (TYP.)

20' PUBLIC DRAINAGE EASEMENT (TYP.)

CROSSWALK (TYP.)

CLUB HOUSE AREA
78,392 SF

BIKE LANE

SCM #3

SCM MAINTENANCE EASEMENT (TYP.)

STREAM SI

RETAINING WALL (TYP.)

20' PUBLIC BUFFER ZONE 2

30' PUBLIC BUFFER ZONE 1

20' PUBLIC STORM EASEMENT

WH-01

WH-03

WTLD

15' 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

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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

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

STRONG ROCK ENGINEERING GROUP

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

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

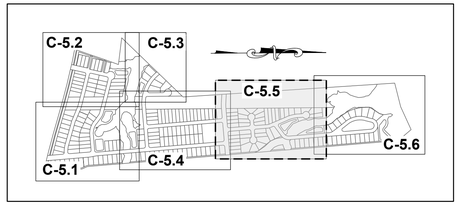
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL SITE PLAN IV

DRAWING SHEET
C-5.4

24 OF 57

PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-5.0 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

15.0' TYPE II PERIMETER BUFFER

PROPOSED PUBLIC GREENWAY EASEMENT

OPEN SPACE

30.0'

10.0' PUBLIC GREENWAY (TYP.)

180.0' ELECTRIC EASEMENT

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'
DISTANCE FROM TOWER TO PUBLIC GREENWAY

STREET 'I'
62' PUBLIC R/W

10 FT. HOA PRIVATE MULTI-USE CONCRETE

9. This lot is not feasible for construction. Please review and adjust accordingly.

FOR CONTINUATION, SEE C-5.6

MATCH LINE

HOA AREA

CROSSWALK (TYP.)

20.0' GREENWAY EASEMENT (TYP.)

STREET 'K'
50' PUBLIC R/W

STREET 'J'
50' PUBLIC R/W

STREET 'L'
50' PUBLIC R/W

STREAM SA

STREAM SF

WA-04

WA-03

WTLD

RETAINING WALL (TYP.)

SCM #5

SCM #6

EXISTING POND 1

SCM MAINTENANCE EASEMENT

25'x25' SIGHT TRIANGLE (TYP.)

20' PUBLIC DRAINAGE EASEMENT (TYP.)

SIDEWALK (TYP.)

MATCH LINE
FOR CONTINUATION, SEE C-5.4

10. Wall is inside property limits. Please confirm if an easement is needed.

BUFFER ZONE 1

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: 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

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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

PARTIAL SITE PLAN V

DRAWING SHEET
C-5.5

25 OF 57

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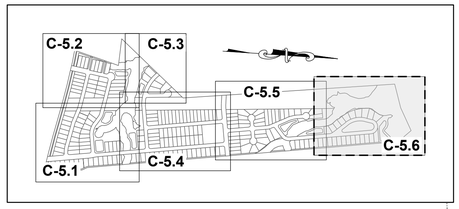
PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-5.0 FOR LEGEND, LINE AND CURVE TABLES

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

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: RL (RO) USE: VA

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: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL GREENWAY EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT.

TYPE II PERIMETER BUFFER 15.0'

30.0' GREENWAY EASEMENT (TYP.)

10.0' PUBLIC GREENWAY (TYP.)

WA-01

OPEN SPACE
26,790 SF

SCM #7

SCM #6

SCM #8

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

STREAM SA

BUFFER ZONE 1 - 30.0'

BUFFER ZONE 2 - 20.0'

STREET 'L'
50' PUBLIC R/W

5.0' SIDEWALK (TYP.)

PARK
49,986 SF

11. Wall is inside property limits. Please confirm if an easement is needed.

20' PUBLIC GREENWAY MAINTENANCE EASEMENT

20' PUBLIC DRAINAGE EASEMENT (TYP.)

5' STAMPED ASPHALT CROSSWALK

20.0' DRAINAGE & ACCESS EASEMENT

ELECTRIC EASEMENT 180.0'

30.0' CORSE

GREEN WAY

MATCH LINE FOR CONTINUATION, SEE C-5.5

163 14,346 SF
162 10,304 SF
217 8,810 SF
218 8,019 SF
219 8,019 SF
220 8,087 SF
221 9,635 SF
222
215 10,555 SF
214 11,877 SF
213 10,758 SF
216 9,517 SF
212 11,917 SF
211 9,998 SF
210 8,183 SF
209 8,125 SF
208 8,125 SF
207 8,125 SF
206 8,125 SF
205 8,125 SF
204 8,125 SF
203 8,125 SF
202 8,125 SF
201 8,125 SF
200 8,125 SF
199 8,125 SF
198 8,125 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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

PARTIAL SITE PLAN VI

DRAWING SHEET
C-5.6

26 OF 57

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
1	8,000	50
2	8,000	50
3	10,400	65
4	10,117	60
5	9,729	60
6	9,341	60
7	9,805	81
8	9,789	70
9	10,239	52
10	10,209	52
11	10,230	52
12	10,305	52
13	10,328	78
14	8,039	60
15	8,038	60
16	8,039	60
17	10,383	78
18	8,041	60
19	8,041	60
20	8,042	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
21	10,680	91
22	8,670	55
23	8,000	50
24	8,000	50
25	8,000	50
26	8,001	50
27	8,001	50
28	12,251	62
29	11,711	98
30	8,938	66
31	8,657	64
32	8,656	64
33	8,656	64
34	8,656	64
35	8,656	64
36	8,716	64
37	9,251	66
38	8,000	64
39	8,000	66
40	8,000	73

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
41	8,000	73
42	8,000	72
43	8,000	74
44	8,176	65
45	8,496	59
46	9,202	62
47	11,193	115
48	8,000	66
49	8,000	65
50	8,000	64
51	8,000	55
52	8,130	52
53	8,000	52
54	8,000	51
55	8,099	60
56	8,232	70
57	8,000	65
58	8,309	65
59	8,630	65
60	9,107	65

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
61	9,884	68
62	11,055	58
63	9,457	66
64	11,529	101
65	13,530	61
66	11,306	51
67	14,598	55
68	16,722	75
69	9,604	59
70	10,138	60
71	8,304	57
72	8,125	65
73	8,125	65
74	8,125	65
75	8,125	65
76	8,125	65
77	8,125	65
78	8,125	65
79	8,125	65
80	8,125	65

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
81	8,125	65
82	8,125	65
83	8,125	65
84	8,125	65
85	8,125	65
86	8,125	65
87	8,125	65
88	8,125	65
89	8,125	65
90	8,101	65
91	8,040	61
92	8,040	60
93	8,040	60
94	8,040	60
95	8,040	60
96	8,040	60
97	8,040	60
98	8,040	60
99	8,395	59
100	9,465	59

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
101	8,285	57
102	8,091	56
103	9,234	61
104	9,194	61
105	15,838	95
106	26,428	92
107	9,866	89
108	8,797	60
109	8,145	51
110	8,145	51
111	8,170	52
112	9,466	60
113	8,000	50
114	8,000	50
115	8,000	50
116	9,466	60
117	8,100	60
118	8,100	60
119	8,100	60
120	8,100	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
121	8,100	60
122	8,100	60
123	8,100	60
124	8,100	60
125	8,100	60
126	8,100	60
127	8,100	60
128	8,100	60
129	8,100	60
130	8,100	60
131	8,100	60
132	8,100	60
133	8,100	60
134	8,100	60
135	10,067	50
136	9,882	50
137	9,697	50
138	9,512	50
139	9,327	50
140	9,142	50

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
141	8,957	50
142	8,772	50
143	8,587	50
144	8,402	50
145	8,218	50
146	8,667	54
147	8,436	54
148	8,221	54
149	8,021	54
150	8,013	56
151	8,947	60
152	8,000	50
153	8,000	50
154	8,000	50
155	9,487	60
156	9,487	60
157	8,000	50
158	8,000	50
159	8,000	50
160	8,000	50

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
161	8,000	50
162	10,304	53
163	14,346	53
164	8,197	121
165	8,034	92
166	8,068	81
167	8,021	68
168	8,039	58
169	8,883	53
170	9,828	53
171	10,821	52
172	11,494	50
173	8,385	48
174	8,091	57
175	8,597	51
176	13,219	78
177	16,282	81
178	8,479	52
179	8,311	59
180	8,385	50

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
181	9,487	60
182	8,299	56
183	11,023	67
184	17,111	56
185	10,274	55
186	9,785	53
187	15,116	66
188	8,908	56
189	9,584	60
190	9,117	55
191	8,522	60
192	9,093	62
193	8,149	69
194	8,125	65
195	8,125	65
196	8,125	65
197	8,125	65
198	8,125	65
199	8,125	65
200	8,125	65

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
201	8,125	65
202	8,125	65
203	8,125	65
204	8,125	65
205	8,125	65
206	8,125	65
207	8,125	65
208	8,125	65
209	8,125	65
210	8,183	65
211	9,998	81
212	11,917	82
213	10,758	80
214	11,877	81
215	10,555	81
216	9,517	81
217	8,810	81
218	8,019	80
219	8,019	80
220	8,087	80
221	9,635	105

1

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

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

STRONGROCK ENGINEERING GROUP

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

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

LOT SIZE TABLES

DRAWING SHEET
C-5.7

27 OF 57

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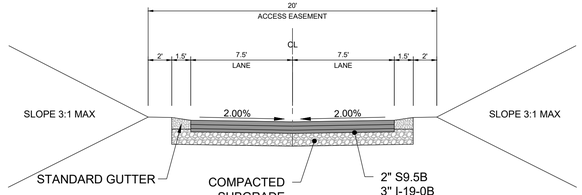
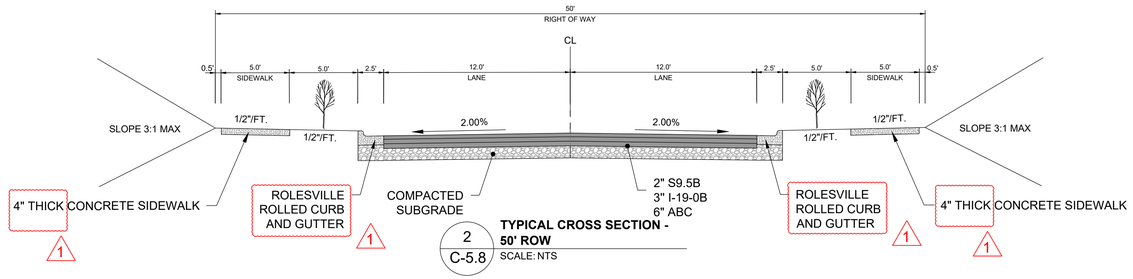
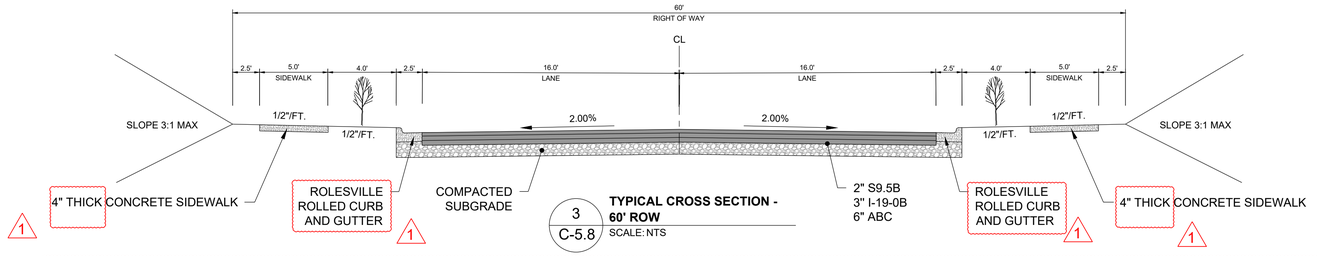


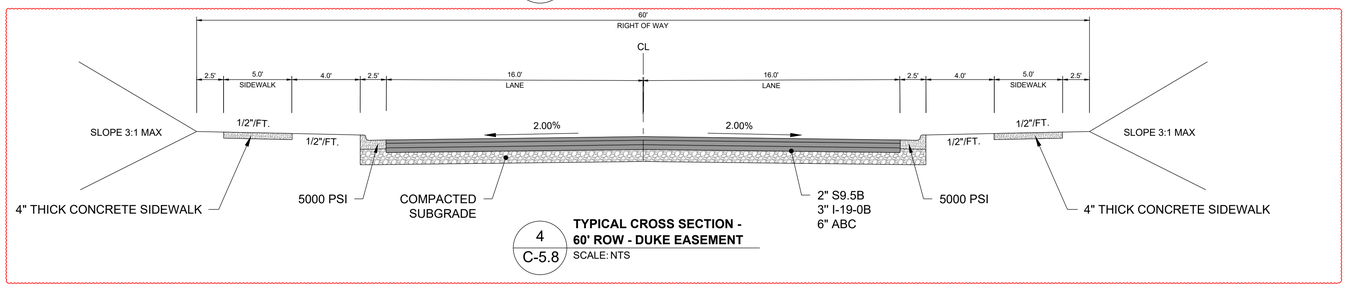
1 C-5.8 **TYPICAL CROSS SECTION - 20' PRIVATE OFFSITE DRIVEWAY**
SCALE: NTS



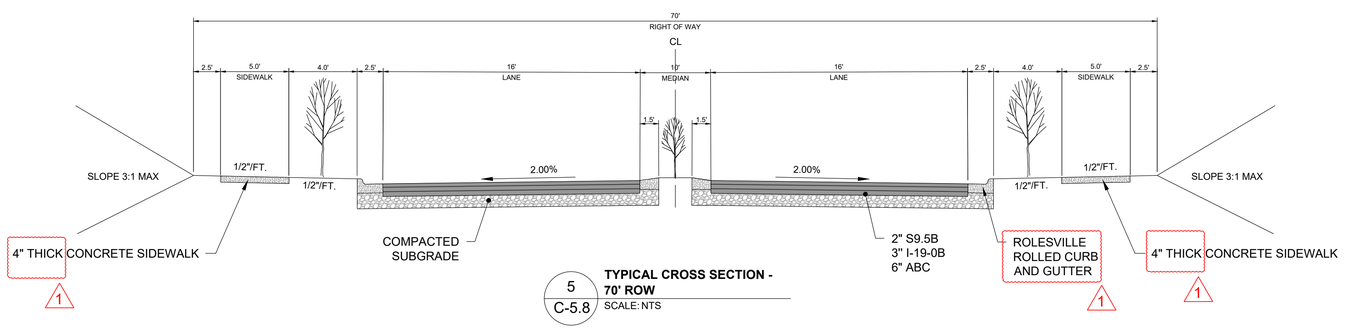
2 C-5.8 **TYPICAL CROSS SECTION - 50' ROW**
SCALE: NTS



3 C-5.8 **TYPICAL CROSS SECTION - 60' ROW**
SCALE: NTS



4 C-5.8 **TYPICAL CROSS SECTION - 60' ROW - DUKE EASEMENT**
SCALE: NTS



5 C-5.8 **TYPICAL CROSS SECTION - 70' ROW**
SCALE: NTS

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

TYPICAL STREET SECTION

DRAWING / SHEET
C-5.8

PROGRESS PLOT DATE: 08/30/2024

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

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

INV:302.3'
INV 15RCP
INV:302.8'
INV 15RCP

INV:305.4'
INV 15RCP

INV:305.7'
INV 15RCP

INV:307.1'
INV 18RCP

INV:307.8'
INV 18RCP CONT TO 15"

INV:306.0'
INV 18RCP

INV:308.4'
INV 15RCP

INV:312.1'
INV 15RCP

BIKE LANE

PRIVATE OFFSITE DRIVEWAY 1
FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2
FOR PIN #1757658917

STREET 'C'

STREET 'B'

INV:322.6'
INV 15RCP

INV: 322.8'
INV: 15RCP

EXISTING LATTICE TOWER

WETLANDS (WH-11)

STREET 'B'

STREET 'F'

STREET 'A'

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 345)

INV:344.8'
INV 18RCP

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

MANLY FARM RD

STREAM SJ

WH-08

RETAINING WALL (TYP.)

SCM #1

WH-10

SCM #4

STREET 'G'

STREET 'F'

STREAM SH

SCM #2

SCM #3

WH-01

STREET 'G'

STREET 'H'

STREET 'F'

WH-03

STREET 'A'

MAIL KIOSK

STREAM SI

20.00'
BUFFER ZONE 2

30.00'
BUFFER ZONE 1

WTLD

30.00'
CORSSE (TYP.)

EXISTING LATTICE TOWER

BIKE LANE

180.00'
ELECTRIC EASEMENT

STREET 'I'

STREET 'J'

STREET 'K'

STREET 'J'

STREET 'K'

STREET 'I'

STREET 'A'

CLUB HOUSE AREA

STREAM SA

STREAM SF

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

PROPOSED PUBLIC GREENWAY EASEMENT.

WA-01

STREAM SA

STREET 'L'

STREET 'J'

SCM #7

STREET 'K'

WA-04

SCM #5

STREAM SA

SCM #6

EXISTING POND 1

PARK

SCM #8

WTLD

30.00'
CORSSE (TYP.)

WA-03

STREET 'L'

STREET 'L'

GREEN WAY

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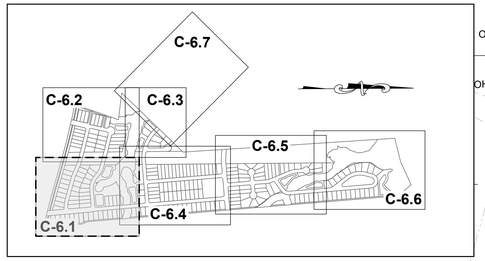
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

OVERALL UTILITY PLAN

DRAWING SHEET
C-6.0

29 OF 57



SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

A. Show sewer and water laterals to each property. Applicable for sheets C6.1-C6.6.

MATCH LINE

FOR CONTINUATION, SEE C-6.2

FOR CONTINUATION, SEE C-6.4

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

MANLY FARM RD

STREET 'A' 70' PUBLIC R/W

STREET 'B' 50' PUBLIC R/W

STREET 'F' 50' PUBLIC R/W

SCM #2

SCM #3

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT

ELECTRIC EASEMENT

20' DRAINAGE & ACCESS EASEMENT

20' DRAINAGE EASEMENT

20' PUBLIC DRAINAGE EASEMENT (TYP.)

WETLANDS (WH-11)

STREAM SH

STREAM SI

WH-01

WH-03

25.00' ROW DEDICATION

10.00' SIDEPATH

30.03' THOROUGHFARE BUFFERYARD

30.01' BUFFER ZONE 1

20.02' BUFFER ZONE 2

15.00' TYPE II PERIMETER BUFFER

FENCE (TYP.)

POWER POLE TO BE RELOCATED BY POWER COMPANY.

SSMH #22 SSMH #23 SSMH #24 SSMH #25 SSMH #02 SSMH #03 SSMH #04 SSMH #05 SSMH #06 SSMH #07 SSMH #08 SSMH #26 SSMH #28

PIPE #1 PIPE #2 PIPE #3 PIPE #4 PIPE #5 PIPE #6 PIPE #7 PIPE #8 PIPE #21 PIPE #22 PIPE #23 PIPE #24 PIPE #25 PIPE #27 PIPE #28

8" DIP W/L 12" DIP W/L FHA

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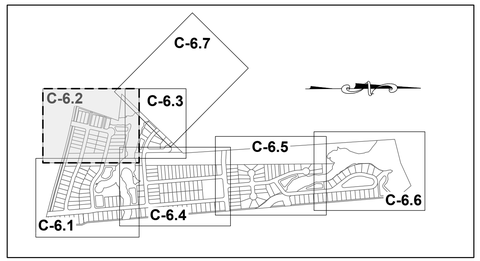
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL UTILITY PLAN I

DRAWING SHEET

C-6.1

30 OF 57



SITE KEY PLAN

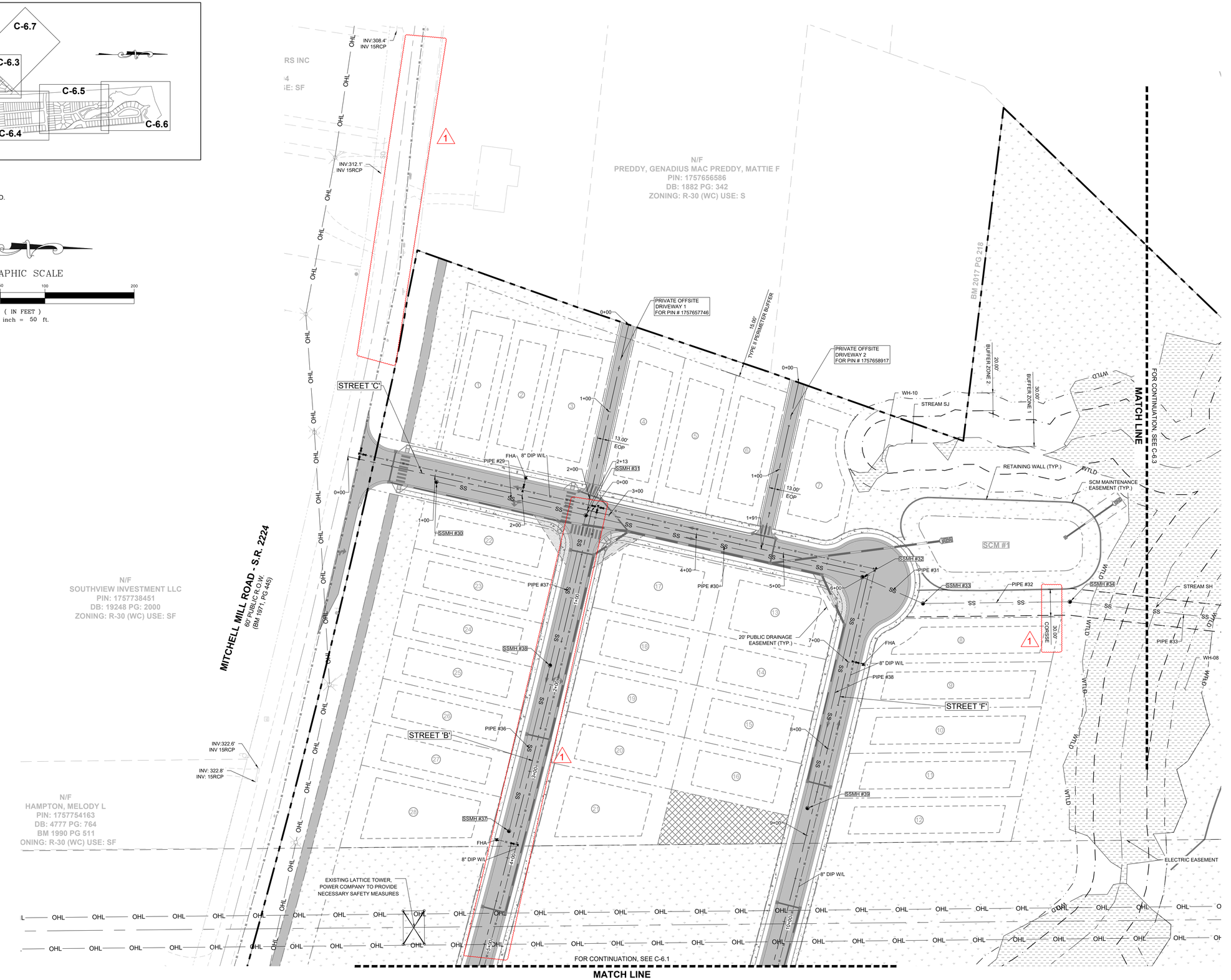
LEGEND:

SEE SHEET C-6.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.



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SEAL

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

PARTIAL UTILITY PLAN II

DRAWING SHEET

C-6.2

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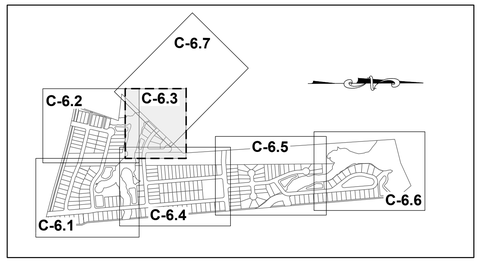

SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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

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

12. City of Raleigh doesn't usually allow storm sewer to run parallel with sanitary in their easement; please review the sewer layouts and easements and revise accordingly.

MATCH LINE
FOR CONTINUATION, SEE C-6.2

FOR CONTINUATION, SEE C-6.4
MATCH LINE

STREAM SJ
STREAM SH
SCM #4
SCM MAINTENANCE EASEMENT (TYP.)
20.00' BUFFER ZONE 2
30.00' BUFFER ZONE 1
15.00' TYPE II PERIMETER BUFFER
20.00' DRAINAGE & ACCESS EASEMENT
RETAINING WALL (TYP.)
ELECTRIC EASEMENT
STREET 'G'
6" DIP W/L
FHA
WH-08
PIPE #12
PIPE #13
PIPE #14
PIPE #15
PIPE #16
PIPE #17
PIPE #18
PIPE #33
PIPE #34
PIPE #34A
PIPE #35
SSMH #13
SSMH #14
SSMH #15
SSMH #16
SSMH #17
SSMH #18
SSMH #33
SSMH #34
SSMH #36
SSMH #73
0+00
1+00
2+00
3+00
4+00
30.00' CORSSE
WTLD
SS
OHL
101
102
103
105
106
107
108
109

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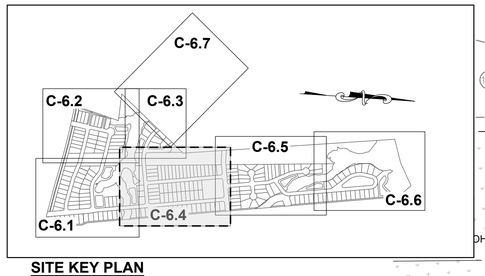
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL UTILITY PLAN III

DRAWING SHEET

C-6.3



SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 FOR LEGEND.

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

FOR CONTINUATION, SEE C-6.3

MATCH LINE

EXISTING LATTICE TOWER

180.00' ELECTRIC EASEMENT

STREET 'G'

STREET 'H'

STREET 'A'

SCM #3

WTLD

WH-01

STREAM SI

SCM MAINTENANCE EASEMENT (TYP.)

20' DRAINAGE EASEMENT

RETAINING WALL (TYP.)

20.00' PUBLIC BUFFER ZONE 2

30.00' PUBLIC BUFFER ZONE 1

WH-03

24.00' EOP

TYPE II PERIMETER BUFFER 15.00'

CLUB HOUSE AREA

PIPE #13 PIPE #12 PIPE #11 PIPE #10 PIPE #9 PIPE #8 PIPE #7 PIPE #44 PIPE #43 PIPE #42 PIPE #41 PIPE #40 PIPE #39 PIPE #61 PIPE #60

SSMH #13 SSMH #12 SSMH #11 SSMH #10 SSMH #09 SSMH #08 SSMH #45 SSMH #44 SSMH #43 SSMH #42 SSMH #41 SSMH #40 SSMH #62 SSMH #46 SSMH #63

FHA

8" DIP W/L

12" DIP W/L

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

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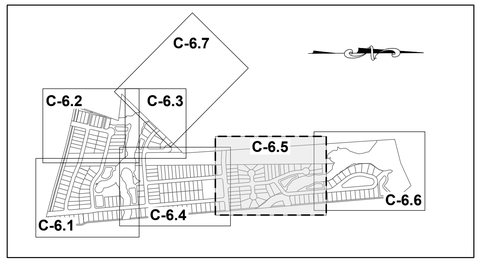
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL UTILITY PLAN IV

DRAWING SHEET

C-6.4

33 OF 57



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 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

15.00' TYPE II PERIMETER BUFFER

PROPOSED PUBLIC GREENWAY EASEMENT

30.00'

10.00' PUBLIC GREENWAY (TYP.)

ELECTRIC EASEMENT

180.0'

STREET 'I'

STREET 'J'

STREET 'K'

STREET 'L'

MATCH LINE
FOR CONTINUATION, SEE C-6.4

MATCH LINE
FOR CONTINUATION, SEE C-6.6

SSMH #62
SSMH #64
SSMH #67
SSMH #68
SSMH #47
SSMH #48
SSMH #49
SSMH #50
SSMH #52
SSMH #53
SSMH #63
SSMH #46
SSMH #40

PIPE #60
PIPE #61
PIPE #62
PIPE #63
PIPE #64
PIPE #65
PIPE #45
PIPE #46
PIPE #47
PIPE #48
PIPE #49
PIPE #50
PIPE #51

8" DIP W/L
12" DIP W/L
FHA
SS
B-B
ROW
ECP
62.00'
50.00'
36.00'
41.00'
24.00'
20.00'

20' PUBLIC DRAINAGE EASEMENT (TYP.)

SCM #5
SCM #6
SCM MAINTENANCE EASEMENT
RETAINING WALL (TYP.)

STREAM SA
STREAM SF
WA-03
WTLD

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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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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

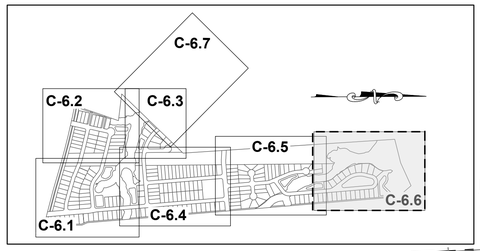
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL UTILITY PLAN V

DRAWING SHEET
C-6.5

34 OF 57

PROGRESS PLOT DATE: 08/30/2024



GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 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: RL (RO) USE: VA

N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390

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

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

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

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

N/F
RGA CONSULTING LLCLC
PIN: 1757893647
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

N/F
JONES PROPERTIES LLC
PIN: 1758805145
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL
GREENWAY EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT

PROPOSED PUBLIC
GREENWAY EASEMENT.

15.00' TYPE II PERIMETER BUFFER

30.00' GREENWAY EASEMENT (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

30.00'

MATCH LINE
FOR CONTINUATION, SEE C-6.5

20.00' DRAINAGE & ACCESS EASEMENT

SCM #7

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

STREAM SA

BUFFER ZONE 1 - 30.00'

BUFFER ZONE 2 - 20.00'

SCM #6

SCM #8

PARK

STREET 'L'

20' PUBLIC GREENWAY MAINTENANCE EASEMENT

20' PUBLIC DRAINAGE EASEMENT (TYP.)

19.97' DRAINAGE & ACCESS EASEMENT

13. Revise to a 20' easement width.

GREEN WAY

BM 2010 PG 725

BM 1994 PG 1952

40' EX. SANITARY SEWER EASEMENT

180.0' ELECTRIC EASEMENT

30.00' CORRIDOR

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

EX. 404.33 LF - 24" PVC SAN. SWR.

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

EX. 237.39 LF - 24" PVC SAN. SWR.

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

EX. 324.76 LF - 24" PVC SAN. SWR.

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

PIPE #51 PIPE #52 PIPE #53 PIPE #54 PIPE #55 PIPE #56 PIPE #57 PIPE #58 PIPE #59 PIPE #66 PIPE #67 PIPE #68 PIPE #69 PIPE #70

SSMH #53 SSMH #54 SSMH #55 SSMH #56 SSMH #57 SSMH #58 SSMH #59 SSMH #60 SSMH #68 SSMH #69 SSMH #70 SSMH #72 SSMH #73

FHA

8" DIP W/L

7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00 22+00 22+72

WTLD WA-01

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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

PARTIAL UTILITY PLAN VI

DRAWING SHEET

C-6.6

35 OF 57

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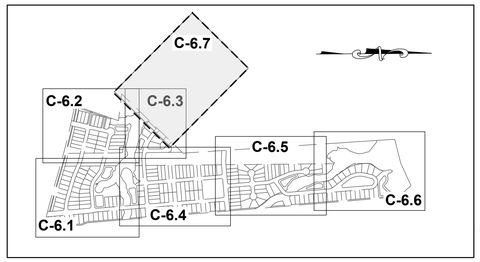

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

SITE KEY PLAN

LEGEND:

SEE SHEET C-6.0 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-6.8

WTLD

RIPARIAN ZONE 1
100.0'
BUFFER ZONE 2
20.0'

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

SSMH #20A
SSMH #21
SSMH #21A
SSMH #33
PIPE #19A
PIPE #20
PIPE #20A
PIPE #19
SSMH #20
PIPE #18A
SSMH #19
PIPE #18
SSMH #18
PIPE #17
SSMH #17
PIPE #16
PIPE #15
SSMH #16
30' SANITARY SEWER EASEMENT
STREET 'G'
30.00' CORSSE
1

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

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

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

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SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
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STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
	SCALE	AS SHOWN	JWL
	DESIGNED BY	JWL	
	DRAWN BY	SRG	
	CHECKED BY	JWL	

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

PARTIAL UTILITY PLAN VII

DRAWING SHEET

C-6.7

36 OF 57

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.

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #01	4'	331.40		325.59 N	5.80
SSMH #02	4'	316.96	310.80 S 297.42 W	297.42 N	19.53
SSMH #03	4'	306.58	292.63 S	292.63 NW	13.95
SSMH #04	4'	303.09	288.54 SE	288.54 N	14.55
SSMH #05	4'	302.39	286.41 S 285.67 W	286.19 N	16.72
SSMH #06	4'	304.52	285.01 S	284.81 N	19.71
SSMH #07	4'	305.24	284.07 S	284.05 N	21.19
SSMH #08	4'	304.14	283.79 S	283.59 N	20.55
SSMH #09	4'	321.06	281.59 S 314.90 N	281.39 W	39.67
SSMH #10	4'	295.58	279.79 E 287.08 N	279.59 W	15.99
SSMH #11	4'	293.64	278.20 E	278.00 W	15.65
SSMH #12	4'	295.97	277.75 E	277.55 W	18.43
SSMH #13	4'	298.96	277.17 E	276.97 NW	21.99
SSMH #14	4'	299.16	276.18 SE 273.21 SW	273.01 NW	26.16
SSMH #15	4'	294.41	272.45 SE	272.25 NW	21.96
SSMH #16	4'	290.00	271.87 SE	271.67 NW	18.32
SSMH #17	4'	289.61	270.62 SE	270.26 NW	19.35
SSMH #18	4'	267.82	261.97 SE	261.73 NW	6.09
SSMH #19	4'	261.48	241.83 SE	241.63 NW	19.85
SSMH #20	4'	251.03	240.65 SE	240.44 W	10.60
SSMH #20A	4'	244.59	239.61 E	239.41 NW	5.18
SSMH #21	4'	250.70	238.38 SE	238.18 NW	12.53
SSMH #21A	4'	252.46	237.83 SE	237.63 NW	14.83
SSMH #22	4'	311.70		305.90 E	5.80
SSMH #23	4'	306.55	300.78 W	300.19 E	6.36
SSMH #24	4'	307.16	299.30 W	299.10 E	8.07
SSMH #25	4'	313.72	298.20 W	298.00 E	15.72
SSMH #26	4'	298.19		292.31 SE	5.88
SSMH #28	4'	293.23	288.73 NW	288.53 E	4.69
SSMH #29	4'	294.71	287.03 W	286.83 E	7.88
SSMH #30	4'	313.38		307.56 N	5.82
SSMH #31	4'	298.33	292.51 S 291.05 E	283.41 N	14.95
SSMH #32	4'	290.37	283.36 E 277.65 S	277.45 NE	12.92
SSMH #33	4'	291.54	277.08 SW	276.88 N	14.66
SSMH #34	4'	279.85	276.05 S	275.85 N	4.00
SSMH #35	4'	288.27	274.39 SW	274.19 NE	14.08
SSMH #36	4'	299.50	273.54 SW	273.34 NE	26.15
SSMH #37	4'	306.41		299.35 W	7.06

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #38	4'	299.17	292.11 E	291.91 W	7.26
SSMH #39	4'	307.13		302.23 W	4.90
SSMH #40	4'	352.29		346.50 S	5.79
SSMH #41	4'	355.03	344.83 N	344.63 S	10.40
SSMH #42	4'	331.90	326.33 N	325.79 S	6.11
SSMH #43	4'	333.37		327.68 S	5.69
SSMH #44	4'	332.45	325.87 N	325.67 S	6.78
SSMH #45	4'	306.60	300.91 N	297.90 S	8.70
SSMH #46	4'	339.69	316.70 W 334.00 E	316.50 N	23.19
SSMH #47	4'	332.51	314.62 S 325.85 W 317.25 E	314.42 N	18.09
SSMH #48	4'	320.32	313.33 S	313.13 N	7.19
SSMH #49	4'	320.05	312.58 S 291.33 NW	291.13 NE	28.92
SSMH #50	4'	312.14	290.07 SW	289.87 NE	22.27
SSMH #51	4'	309.75	289.59 SW	289.39 N	20.37
SSMH #52	4'	301.99	286.49 S	286.29 N	15.70
SSMH #53	4'	285.15	278.21 S	277.85 N	7.30
SSMH #54	4'	265.98	259.71 S	259.50 NW	6.48
SSMH #55	4'	264.16	258.18 SE	257.92 NW	6.25
SSMH #56	4'	262.77	256.83 SE	256.62 W	6.16
SSMH #57	4'	262.03	256.20 E 255.07 SW	254.48 NW	7.55
SSMH #58	4'	246.00	241.75 SE	241.75 NW	4.25
SSMH #59	4'	246.00	240.98 SE	240.98 NW	5.02
SSMH #60	4'	246.00	239.92 SE	239.92 NW	6.08
SSMH #61	4'	252.32	238.91 SE		13.41
SSMH #62	4'	323.62		317.93 E	5.69
SSMH #63	4'	345.16		339.47 W	5.69
SSMH #64	4'	343.91		337.25 E	6.66
SSMH #65	4'	325.12		318.29 W	6.84
SSMH #66	4'	299.67		293.98 S	5.69
SSMH #67	4'	313.36	292.77 N	292.57 SE	20.79
SSMH #68	4'	280.27		273.06 NW	7.21
SSMH #69	4'	266.61	259.69 SE	259.49 N	7.13
SSMH #70	4'	263.66	257.97 S	257.56 N	6.10
SSMH #71	4'	262.35	256.49 S	256.29 N	6.06
SSMH #72	4'	261.66	255.59 S	255.39 NE	6.27
SSMH #73	4'	279.18	274.88 S	274.68 NE	4.53

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #1	PVC Pipe	8"	165	325.59	310.80	8.96%
PIPE #2	PVC Pipe	8"	178	297.42	292.63	2.70%
PIPE #3	PVC Pipe	8"	151	292.63	288.54	2.72%
PIPE #4	PVC Pipe	8"	67	288.54	286.41	3.19%
PIPE #5	PVC Pipe	8"	236	286.19	285.01	0.50%
PIPE #6	PVC Pipe	8"	148	284.81	284.07	0.50%
PIPE #7	PVC Pipe	8"	53	284.05	283.79	0.50%
PIPE #8	PVC Pipe	8"	398	283.59	281.59	0.50%
PIPE #9	PVC Pipe	8"	320	281.39	279.79	0.50%
PIPE #10	PVC Pipe	8"	280	279.59	278.20	0.50%
PIPE #11	PVC Pipe	8"	50	278.00	277.75	0.50%
PIPE #12	PVC Pipe	8"	77	277.55	277.17	0.50%
PIPE #13	PVC Pipe	8"	158	276.97	276.18	0.50%
PIPE #14	PVC Pipe	8"	112	273.01	272.45	0.50%
PIPE #15	PVC Pipe	8"	75	272.25	271.87	0.50%
PIPE #16	PVC Pipe	8"	211	271.67	270.62	0.50%
PIPE #17	PVC Pipe	8"	299	270.26	261.97	2.77%
PIPE #18	PVC Pipe	8"	298	261.73	241.83	6.68%
PIPE #18A	PVC Pipe	8"	197	241.63	240.65	0.50%
PIPE #19	PVC Pipe	8"	167	240.44	239.61	0.50%
PIPE #19A	PVC Pipe	8"	206	239.41	238.38	0.50%
PIPE #20	PVC Pipe	8"	69	238.18	237.83	0.50%
PIPE #20A	PVC Pipe	8"	86	237.63	237.00	0.73%
PIPE #21	PVC Pipe	8"	148	305.90	300.78	3.46%
PIPE #22	PVC Pipe	8"	179	300.19	299.30	0.50%
PIPE #23	PVC Pipe	8"	179	299.10	298.20	0.50%
PIPE #24	PVC Pipe	8"	115	298.00	297.42	0.50%
PIPE #25	PVC Pipe	8"	178	292.31	288.73	2.01%
PIPE #27	PVC Pipe	8"	102	288.53	287.03	1.48%
PIPE #28	PVC Pipe	8"	232	286.83	285.67	0.50%
PIPE #29	PVC Pipe	8"	171	307.56	292.51	8.78%
PIPE #30	PVC Pipe	8"	318	283.41	277.65	1.81%
PIPE #31	PVC Pipe	8"	74	277.45	277.08	0.50%
PIPE #32	PVC Pipe	8"	165	276.88	276.05	0.50%
PIPE #33	PVC Pipe	8"	196	275.85	274.88	0.50%
PIPE #34	PVC Pipe	8"	130	274.19	273.54	0.50%
PIPE #34A	PVC Pipe	8"	57	274.68	274.39	0.50%
PIPE #35	PVC Pipe	8"	27	273.34	273.21	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
PIPE #36	PVC Pipe	8"	191	299.35	292.11	3.79%
PIPE #37	PVC Pipe	8"	173	291.91	291.05	0.50%
PIPE #38	PVC Pipe	8"	266	302.23	283.36	7.09%
PIPE #39	PVC Pipe	8"	334	346.50	344.83	0.50%
PIPE #40	PVC Pipe	8"	350	344.63	326.33	5.23%
PIPE #41	PVC Pipe	8"	291	325.79	314.90	3.75%
PIPE #42	PVC Pipe	8"	362	327.68	325.87	0.50%
PIPE #43	PVC Pipe	8"	349	325.67	300.91	7.10%
PIPE #44	PVC Pipe	8"	279	297.90	287.08	3.88%
PIPE #45	PVC Pipe	8"	376	316.50	314.62	0.50%
PIPE #46	PVC Pipe	8"	218	314.42	313.33	0.50%
PIPE #47	PVC Pipe	8"	109	313.13	312.58	0.50%
PIPE #48	PVC Pipe	8"	212	291.13	290.07	0.50%
PIPE #49	PVC Pipe	8"	67	289.87	289.59	0.42%
PIPE #50	PVC Pipe	8"	214	289.39	286.49	1.36%
PIPE #51	PVC Pipe	8"	418	286.29	278.21	1.93%
PIPE #52	PVC Pipe	8"	528	277.85	259.71	3.44%
PIPE #53	PVC Pipe	8"	44	259.50	258.18	3.02%
PIPE #54	PVC Pipe	8"	44	257.92	256.83	2.48%
PIPE #55	PVC Pipe	8"	38	256.62	256.20	1.11%
PIPE #56	PVC Pipe	8"	244	254.48	241.75	5.22%
PIPE #57	PVC Pipe	8"	155	241.75	240.98	0.50%
PIPE #58	PVC Pipe	8"	211	240.98	239.92	0.50%
PIPE #59	PVC Pipe	8"	203	239.92	238.91	0.50%
PIPE #60	PVC Pipe	8"	246	317.93	316.70	0.50%
PIPE #61	PVC Pipe	8"	312	339.47	334.00	1.75%
PIPE #62	PVC Pipe	8"	173	337.25	325.85	6.61%
PIPE #63	PVC Pipe	8"	207	318.29	317.25	0.50%
PIPE #64	PVC Pipe	8"	242	293.98	292.77	0.50%
PIPE #65	PVC Pipe	8"	248	292.57	291.33	0.50%
PIPE #66	PVC Pipe	8"	219	273.06	259.69	6.11%
PIPE #67	PVC Pipe	8"	98	259.49	257.97	1.54%
PIPE #68	PVC Pipe	8"	100	257.56	256.49	1.07%
PIPE #69	PVC Pipe	8"	145	256.29	255.59	0.48%
PIPE #70	PVC Pipe	8"	51	255.39	255.07	0.64%

LEGEND:

SEE UTILITY PLAN ON THE PREVIOUS PAGE

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1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

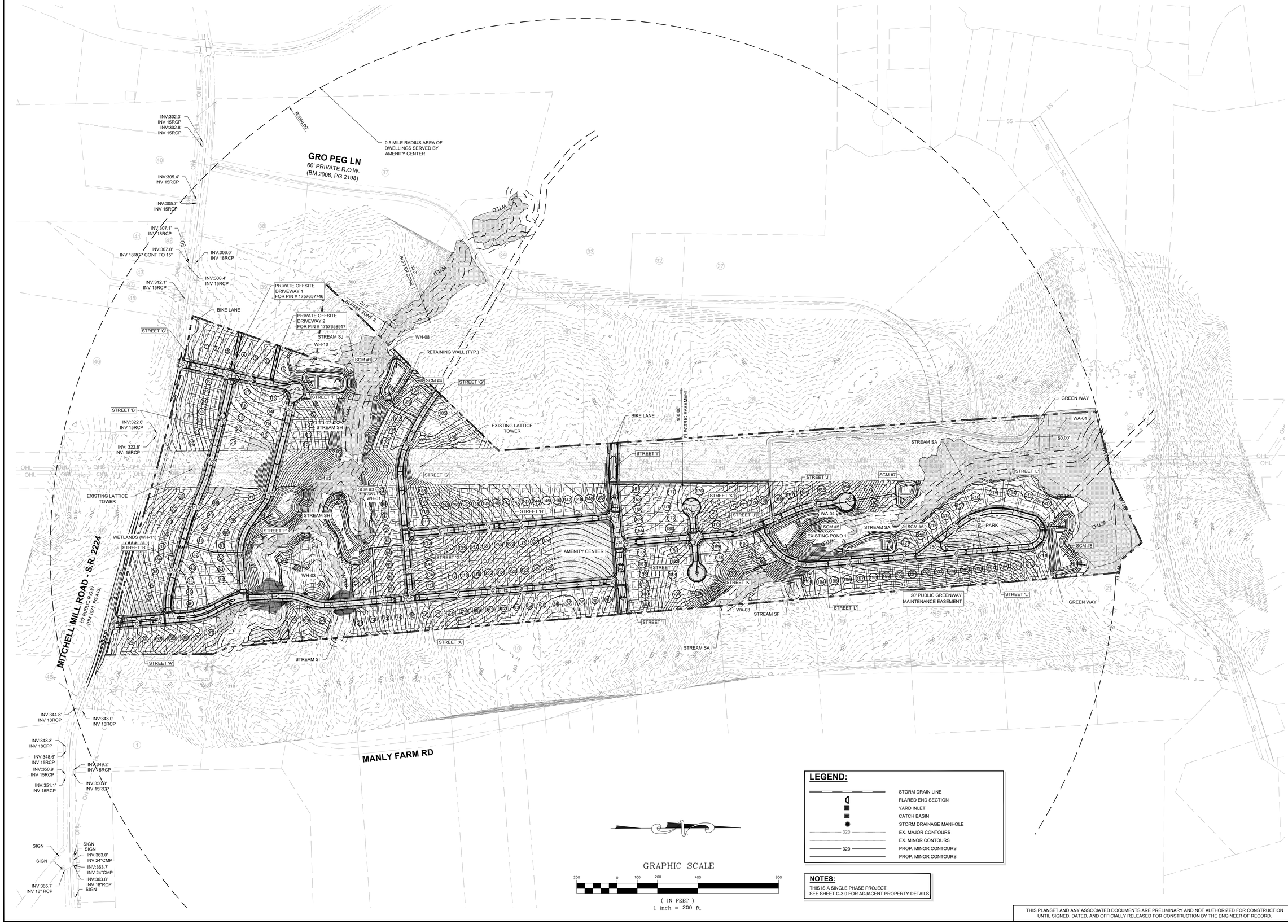
SANITARY SEWER TABLE

DRAWING
SHEET

C-6.8

37 OF 57

PROGRESS PLOT DATE: 08/30/2024



GRAPHIC SCALE

200 0 100 200 400 800

(IN FEET)
1 inch = 200 ft.

LEGEND:

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

NOTES:

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

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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

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

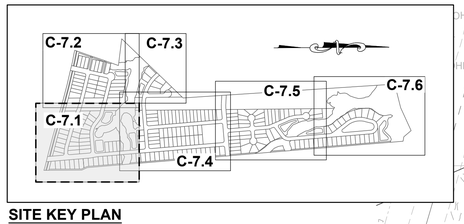
STRONG ROCK PROJECT	
HOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

OVERALL GRADING & DRAINAGE PLAN

DRAWING SHEET
C-7.0

PROGRESS PLOT DATE: 08/30/2024



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.

FOR CONTINUATION, SEE C-7.2
MATCH LINE

FOR CONTINUATION, SEE C-7.4
MATCH LINE

ELECTRIC EASEMENT

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

20' PUBLIC DRAINAGE EASEMENT (TYP.)

20' PUBLIC DRAINAGE & ACCESS EASEMENT

25'x25' SIGHT TRIANGLE (TYP.)

BUFFER ZONE 1

BUFFER ZONE 2

STREAM SH

STREAM SI

WETLANDS (WH-11)

WETLD

STREET 'A'

STREET 'B'

STREET 'F'

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

MANLY FARM RD

10' SIDEPATH

FENCE (TYP.)

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

N/F
JONES PR
PIN: 17
DB: 128
BM: 19
ZONING: R-3

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

14. Culverts will be needed where road crosses stream(s)/ditch(es).

B. Since comments for grading are not being addressed until the geotechnical report, please address these comments at CDs, but recognize that the grading requirements may require the site to adjust to meet requirements:
- ADA compliance will be needed for the site with greenways and sidewalks.
- Rear drainage will need to be addressed; if a swale extends over 2 lots or more, a drainage easement will be needed
- Building pads should be shown in grading if mass site grading is being proposed to address drainage between lots
- Max slopes shall be 3:1
- buffer and wetland impacts will need to be permitted

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NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

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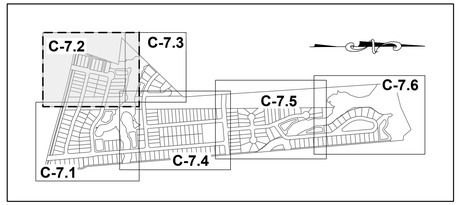
STRONG ROCK PROJECT			
	NOT FOR CONSTRUCTION		
	SCALE	AS SHOWN	JWL
	DESIGNED BY		SRG
	DRAWN BY		JWL
	CHECKED BY		

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

PARTIAL GRADING & DRAINAGE PLAN I

DRAWING SHEET
C-7.1

39 OF 57



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

15. This private driveway appears to have a crown cross-section based on the grading. The cross-section on sheet C5.8 shows an inverted crown. Please revise accordingly.

C. We have noted that you confirmed that this street has positive drainage to CB #37 and #38. Please include spot elevations and/or slope labels.

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

BIKE LANE

STREET 'C'

STREET 'B'

STREET 'F'

PIPE P #27

CB #28

CB #29

CB #26

CB #40

PIPE P #28

PIPE P #29

PIPE P #40

CB #30

PIPE P #39

CB #39

PIPE P #38

CB #37

CB #35

PIPE P #37

PIPE P #36

PIPE P #31

CB #32

CB #31

PIPE P #35

PIPE P #34

CB #34

PIPE P #30

CB #33

CB #38

PIPE P #174

CB #36

PIPE P #41

PIPE P #33

PIPE P #44

CB #50

CB #47

PIPE P #32

CB #33

CB #32

PIPE P #42

CB #49

PIPE P #43

CB #48

CB #16

PIPE P #15

CB #17

PIPE P #16

CB #18

WH-10

STREAM SJ

WETLD

RETAINING WALL (TYP.)

SCM #1

SCM MAINTENANCE EASEMENT (TYP.)

TW: 287.59
BW: 281.59

TW: 281.42
BW: 275.42

FES #03

TW: 288.61
BW: 288.51

FES #02

OCS #02

TW: 287.38
BW: 282.07

TW: 282.68
BW: 282.57

TW: 283.44
BW: 278.00

TW: 282.21
BW: 275.21

TW: 282.84
BW: 276.84

STREAM SH

WETLD

TW: 274.66
BW: 274.00

30' GAS CONSE

WH-08

TW: 288.48
BW: 277.98

TW: 288.25
BW: 288.15

ELECTRIC EASEMENT

20' PUBLIC DRAINAGE EASEMENT (TYP.)

INV:308.4'
INV 15RCP

INV:312.1'
INV 15RCP

INV:322.6'
INV 15RCP

INV: 322.6'
INV: 15RCP

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

N/F
SOUTHVIEW INVESTMENT LLC
PIN: 17577738451
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
ONING: R-30 (WC) USE: SF

DISTANCE FROM TOWER TO BACK OF CURB = 50'

DISTANCE FROM TOWER TO SIDEWALK = 40'

EXISTING LATTICE TOWER, POWER COMPANY TO PROVIDE NECESSARY SAFETY MEASURES

180.0' ELECTRIC EASEMENT

FOR CONTINUATION, SEE C-7.3

MATCH LINE

FOR CONTINUATION, SEE C-7.1

MATCH LINE

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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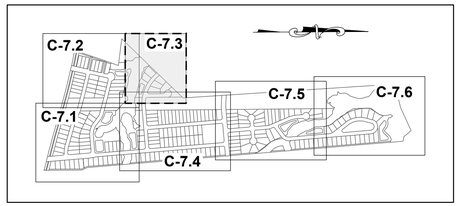
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

PARTIAL GRADING & DRAINAGE PLAN II

DRAWING / SHEET
C-7.2



SITE KEY PLAN

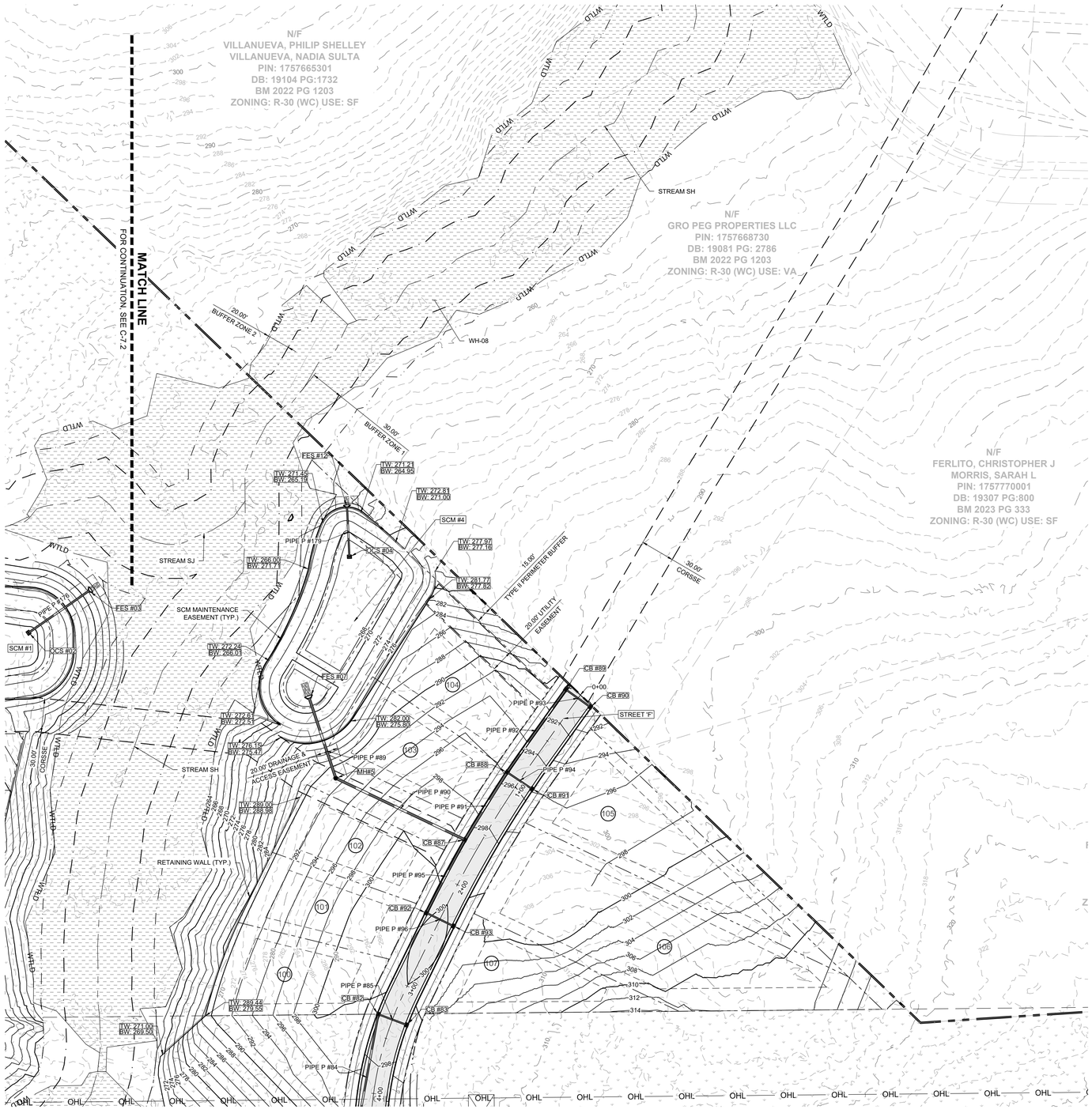
LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

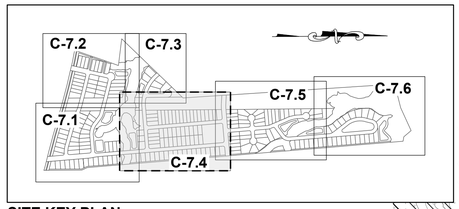
GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.


N/F
VILLANUEVA, PHILIP SHELLEY
VILLANUEVA, NADIA SULTA
PIN: 1757665301
DB: 19104 PG:1732
BM 2022 PG 1203
ZONING: R-30 (WC) USE: SF
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
MATCH LINE
FOR CONTINUATION, SEE C-7.2
STREAM SH
STREAM SJ
WTLD
WTLD
WTLD

PROGRESS PLOT DATE: 08/30/2024



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-7.3

MATCH LINE

FOR CONTINUATION, SEE C-7.1

MATCH LINE

FOR CONTINUATION, SEE ######

EXISTING LATTICE TOWER

72.35'

62.35'

DISTANCE FROM TOWER TO BACK OF CURB

DISTANCE FROM TOWER TO SIDEWALK

180.00' ELECTRIC EASEMENT

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'

10 FT. HOA PRIVATE MULTI-USE CONCRETE

STREET 'G'

STREET 'H'

STREET 'A'

STREET 'T'

RETAINING WALL (TYP.)

SCM #3

SCM MAINTENANCE EASEMENT (TYP.)

20' PUBLIC DRAINAGE EASEMENT (TYP.)

20.00' PUBLIC STORM EASEMENT

20.00' PUBLIC BUFFER ZONE 2

30.00' PUBLIC BUFFER ZONE 1

TYPE II PERIMETER BUFFER 15.00'

STREAM SI

WH-01

WH-03

MH#4

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

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0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
1	TOWN OF ROLESVILLE V2-PSP-24-03	08/30/2024	SREG

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

SEAL

STRONGROCK ENGINEERING GROUP

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

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

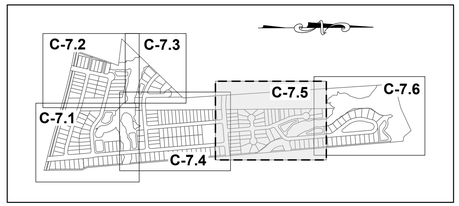
PARTIAL GRADING & DRAINAGE PLAN IV

DRAWING SHEET

C-7.4

42 OF 57

PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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

15.00' TYPE I PERIMETER BUFFER

10.00' PUBLIC GREENWAY (TYP.)

PROPOSED PUBLIC GREENWAY EASEMENT

180.0' ELECTRIC EASEMENT

46' DISTANCE FROM TOWER TO PUBLIC GREENWAY

20.00' GREENWAY EASEMENT (TYP.)

20' PUBLIC DRAINAGE EASEMENT (TYP.)

10 FT. HOA PRIVATE MULTI-USE CONCRETE

STREET 'I'

STREET 'J'

STREET 'K'

STREET 'L'

MATCH LINE

FOR CONTINUATION, SEE C-7.6

FOR CONTINUATION, SEE C-7.4

HOA AREA

STREAM SA

STREAM SF

WA-03

WA-04

EXISTING POND 1

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

14. Culvert will be needed where road crosses stream(s)/ditch(es).

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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SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

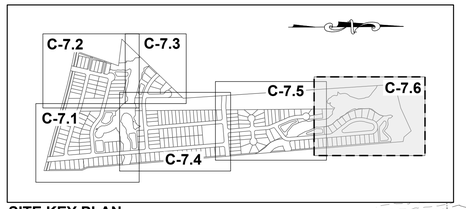
PARTIAL GRADING & DRAINAGE PLAN V

DRAWING SHEET

C-7.5

43 OF57

PROGRESS PLOT DATE: 08/30/2024



SITE KEY PLAN

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

LEGEND:

SEE SHEET C-7.0 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: RL (RO) USE: VA

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: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL
GREENWAY EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT

PROPOSED PUBLIC
GREENWAY EASEMENT.

TYPE II PERIMETER BUFFER 15.00'

30.00' GREENWAY EASEMENT (TYP.)

10.00' PUBLIC GREENWAY (TYP.)

50.00'

MATCH LINE
FOR CONTINUATION, SEE C-7.6

STREAM SA

STREAM SA

WA-01

WTLD

STREET 'L'

STREET 'L'

GREEN WAY

BUFFER ZONE 2

BUFFER ZONE 1

20.00' DRAINAGE & ACCESS EASEMENT

19.97' DRAINAGE & ACCESS EASEMENT

20' PUBLIC DRAINAGE EASEMENT (TYP.)

20' PUBLIC GREENWAY MAINTENANCE EASEMENT

SCM MAINTENANCE EASEMENT

RETAINING WALL (TYP.)

SCM #6
SCM #7
SCM #8

FES #9
FES #10
FES #11
FES #14
FES #15

OCS #08

PIPE P #134
PIPE P #135
PIPE P #138
PIPE P #139
PIPE P #144
PIPE P #148
PIPE P #149
PIPE P #150
PIPE P #151
PIPE P #152
PIPE P #153
PIPE P #154
PIPE P #155
PIPE P #156
PIPE P #157
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PIPE P #163
PIPE P #164
PIPE P #165
PIPE P #166
PIPE P #167
PIPE P #168
PIPE P #169
PIPE P #170
PIPE P #181
PIPE P #182

CB #132
CB #138
CB #140
CB #142
CB #143
CB #144
CB #145
CB #146
CB #147
CB #148
CB #149
CB #150
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TW: 275.79 BW: 272.58
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TW: 276.31 BW: 268.00
TW: 276.37 BW: 271.00
TW: 279.02 BW: 273.00
TW: 281.55 BW: 277.00
TW: 254.14 BW: 253.25
TW: 255.66 BW: 252.07
TW: 254.46 BW: 252.00
TW: 251.09 BW: 250.89

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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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

PARTIAL GRADING & DRAINAGE PLAN VI

DRAWING SHEET
C-7.6

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	DETAIL
TREES								
	CEL LVI	23	CELTIS LAEVIGATA	SUGAR HACKBERRY	10' HT.	B&B	2.5"	
	CHI WHK	24	CHIONANTHUS VIRGINICUS 'WHITE KNIGHT'	WHITE KNIGHT WHITE FRINGETREE	8' HT.	B&B	1.5"	
	GYM KEN	16	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	10' HT.	B&B	2.5"	
	HAL JER	23	HALESIA CAROLINA 'JERSEY BELLE'	JERSEY BELLE CAROLINA SILVERBELL	8' HT.	B&B	1.5"	
	OST NHT	25	OSTRYA VIRGINIANA 'JFS-KW5'	AUTUMN TREASURE® AMERICAN HOPHORNBEAM	8' HT.	B&B	1.5"	
	QUE GOB	159	QUERCUS ACUTISSIMA 'GOBBLER'	SAWTOOTH OAK	10' HT.	B&B	2.5"	
	QUE FAL	124	QUERCUS FALCATA	SOUTHERN RED OAK	12' HT.	B&B	2.5"	
	QUE NUT	150	QUERCUS NUTTALLII 'QNFTA'	HIGHPOINT® NUTTALL OAK	12' HT.	B&B	2.5"	
		544	SUBTOTAL:					

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

1

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

0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER

PRIVATE OFFSITE DRIVEWAY 1 FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2 FOR PIN # 1757658917

BUFFER ZONE 1 30.0'

BUFFER ZONE 2 20.0'

BIKE LANE

STREET 'C'

30 FT STREET BUFFER

STREET 'B'

STREET 'F'

STREET 'G'

STREET 'H'

STREET 'I'

STREET 'J'

STREET 'K'

STREET 'L'

STREET 'A'

WH-10

WH-08

WH-01

WH-03

SCM #1

SCM #2

SCM #3

SCM #4

SCM #5

SCM #6

SCM #7

SCM #8

RETAINING WALL (TYP.)

OPEN SPACE

PLAYGROUND #1

PLAYGROUND #2

PLAYGROUND #3

PLAYGROUND #4

MAIL KIOSK

CLUB HOUSE AMENITY CENTER

PARK

EXISTING LATTICE TOWER

AME ARB 6' HL

WETLANDS (WH-11)

STREAM SJ

STREAM SH

STREAM SI

STREAM SA

STREAM SF

EXISTING POND 1

WA-01

WA-03

WA-04

15 FT BUFFERS

PROPOSED PUBLIC GREENWAY EASEMENT.

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

GREEN WAY

MITCHELL MILL ROAD - S.R. 2224
(80' PUBLIC R.O.W. (BM 1971, PG 46))

MANLY FARM RD

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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SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

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

OVERALL LANDSCAPE PLAN

DRAWING SHEET
C-8.0

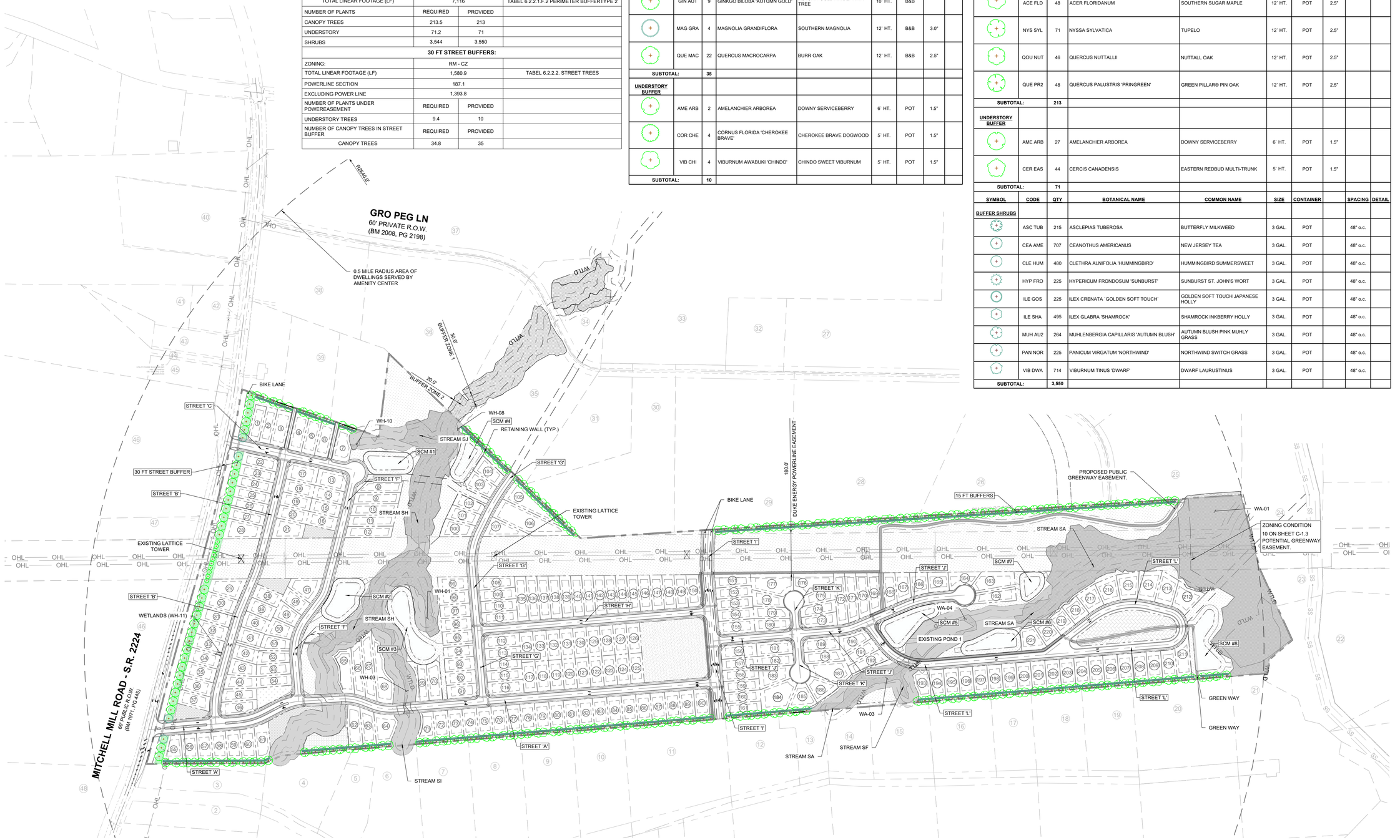
BUFFER CALCULATIONS			
PROJECT: ELLIS - MITCHELL MILLS			
15 FT BUFFERS:			
ZONING:	RM - CZ		
TOTAL LINEAR FOOTAGE (LF)	7,116		TABEL 6.2.2.1.F.2 PERIMETER BUFFERTYPE 2
NUMBER OF PLANTS	REQUIRED	PROVIDED	
CANOPY TREES	213.5	213	
UNDERSTORY	71.2	71	
SHRUBS	3,544	3,550	
30 FT STREET BUFFERS:			
ZONING:	RM - CZ		
TOTAL LINEAR FOOTAGE (LF)	1,580.9		TABEL 6.2.2.2. STREET TREES
POWERLINE SECTION	187.1		
EXCLUDING POWER LINE	1,393.8		
NUMBER OF PLANTS UNDER POWEREASEMENT	REQUIRED	PROVIDED	
UNDERSTORY TREES	9.4	10	
NUMBER OF CANOPY TREES IN STREET BUFFER	REQUIRED	PROVIDED	
CANOPY TREES	34.8	35	

30' THOROUGHFARE BUFFER

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	DETAIL
CANOPY BUFFER								
	GIN AUT	9	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD MAIDENHAIR TREE	10' HT.	B&B		
	MAG GRA	4	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	12' HT.	B&B	3.0"	
	QUE MAC	22	QUERCUS MACROCARPA	BURR OAK	12' HT.	B&B	2.5"	
SUBTOTAL:		35						
UNDERSTORY BUFFER								
	AME ARB	2	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	6' HT.	POT	1.5"	
	COR CHE	4	CORNUS FLORIDA 'CHEROKEE BRAVE'	CHEROKEE BRAVE DOGWOOD	5' HT.	POT	1.5"	
	VIB CHI	4	VIBURNUM AWABUKI 'CHINDO'	CHINDO SWEET VIBURNUM	5' HT.	POT	1.5"	
SUBTOTAL:		10						

PERIMETER BUFFER TYPE 2

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER		DETAIL
CANOPY BUFFER									
	ACE FLD	48	ACER FLORIDANUM	SOUTHERN SUGAR MAPLE	12' HT.	POT	2.5"		
	NYS SYL	71	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 PILLAR® PIN OAK	12' HT.	POT	2.5"		
SUBTOTAL:		213							
UNDERSTORY BUFFER									
	AME ARB	27	AMELANCHIER ARBOREA	DOWNY SERVICEBERRY	6' HT.	POT	1.5"		
	CER EAS	44	CERCIS CANADENSIS	EASTERN REDBUD MULTI-TRUNK	5' HT.	POT	1.5"		
SUBTOTAL:		71							
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER		SPACING	DETAIL
BUFFER SHRUBS									
	ASC TUB	215	ASCLEPIAS TUBEROSA	BUTTERFLY MILKWEED	3 GAL.	POT		48" o.c.	
	CEA AME	707	CEANOTHUS AMERICANUS	NEW JERSEY TEA	3 GAL.	POT		48" o.c.	
	CLE HUM	480	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	HUMMINGBIRD SUMMERSWEET	3 GAL.	POT		48" o.c.	
	HYP FRO	225	HYPERICUM FRONDOSUM 'SUNBURST'	SUNBURST ST. JOHN'S WORT	3 GAL.	POT		48" o.c.	
	ILE GOS	225	ILEX CRENATA `GOLDEN SOFT TOUCH'	GOLDEN SOFT TOUCH JAPANESE HOLLY	3 GAL.	POT		48" o.c.	
	ILE SHA	495	ILEX GLABRA 'SHAMROCK'	SHAMROCK INKBERRY HOLLY	3 GAL.	POT		48" o.c.	
	MUH AU2	264	MUHLENBERGIA CAPILLARIS 'AUTUMN BLUSH'	AUTUMN BLUSH PINK MUHLY GRASS	3 GAL.	POT		48" o.c.	
	PAN NOR	225	PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCH GRASS	3 GAL.	POT		48" o.c.	
	VIB DWA	714	VIBURNUM TINUS 'DWARF'	DWARF LAURUSTINUS	3 GAL.	POT		48" o.c.	
SUBTOTAL:		3,550							



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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SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

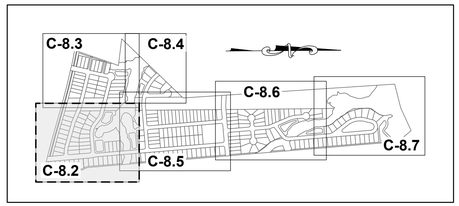
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE:	AS SHOWN
		DESIGNED BY	JWL
		DRAWN BY	SRG
		CHECKED BY	JWL

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

PERIMETER BUFFER PLAN

DRAWING SHEET
C-8.1

PROGRESS PLOT DATE: 08/30/2024



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.

FOR CONTINUATION, SEE C-8.3
MATCH LINE

FOR CONTINUATION, SEE C-8.5
MATCH LINE

(1)AME ARB
6' Ht.

PLAYGROUND
6,792 SF

ELECTRIC EASEMENT

SCM MAINTENANCE
EASEMENT

SCM #2

SCM #3

RETAINING WALL (TYP.)

WH-01

WH-03

STREET 'C'

WETLANDS (WH-11)

BUFFER ZONE 1

BUFFER ZONE 2

30.0'

20.0'

STREAM SH

STREAM SI

30 FT STREET BUFFER

STREET 'B'

STREET 'A'

MAIL KIOSK
10,003 SF

PLAYGROUND
7,493 SF

25'x25' SIGHT
TRIANGLE (TYP.)

CROSSWALK (TYP.)

PLAYGROUND
12,228 SF

PARK
13,005 SF

FENCE (TYP.)

15 FT STREET BUFFER

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

MANLY FARM RD

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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NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

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

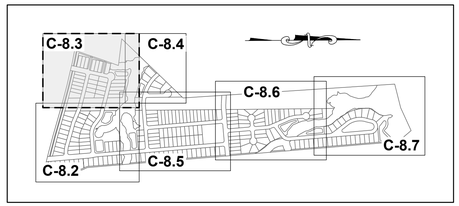
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL LANDSCAPE PLAN I

DRAWING SHEET
C-8.2

47 OF 57

PROGRESS PLOT DATE: 08/30/2024



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.

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

BIKE LANE

30 FT STREET BUFFER

TYPE 1 PERIMETER BUFFER 15.0'

PRIVATE OFFSITE DRIVEWAY 1
FOR PIN # 1757657746

PRIVATE OFFSITE DRIVEWAY 2
FOR PIN # 1757658917

STREET 'C'

STREET 'B'

INV:312.1'
INV 15RCP

BM 2017 PG 218

MATCH LINE
FOR CONTINUATION, SEE C-8.4

WH-10

STREAM SJ

BUFFER ZONE 2 20.0'

BUFFER ZONE 1 30.0'

WTLD

RETAINING WALL (TYP.)

SCM MAINTENANCE EASEMENT (TYP.)

SCM #1

STREAM SH

WH-08

ELECTRIC EASEMENT

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

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

25'x25' SIGHT TRIANGLE (TYP.)

CROSSWALK (TYP.)

INV:322.6'
INV 15RCP

INV: 322.8'
INV: 15RCP

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

PLAYGROUND
6,448 SF

OHL

MATCH LINE
FOR CONTINUATION, SEE C-8.2

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NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

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

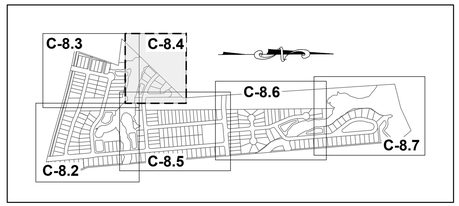
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA.

PARTIAL LANDSCAPE PLAN II

DRAWING SHEET

C-8.3

48 OF 57



SITE KEY PLAN

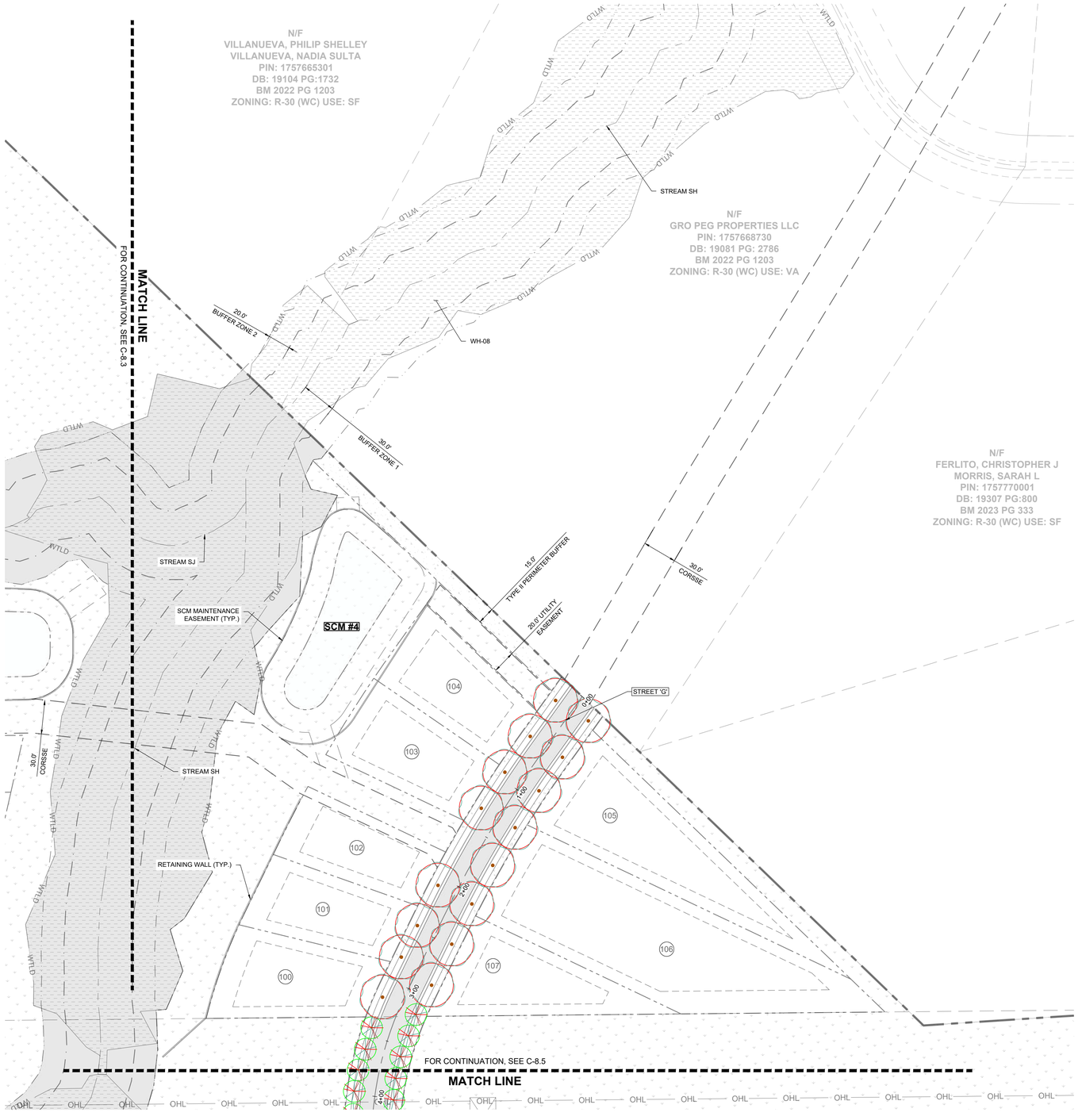
LEGEND:

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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NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT
SEAL

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

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

PARTIAL LANDSCAPE PLAN III

DRAWING SHEET

C-8.4

49 OF 57

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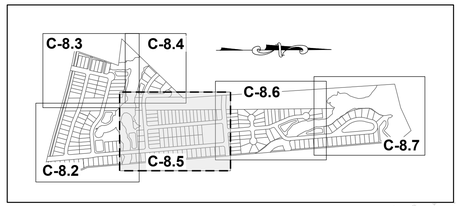
PROGRESS PLOT DATE: 08/30/2024



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.

FOR CONTINUATION, SEE C-8.4

MATCH LINE

180' ELECTRIC EASEMENT

EXISTING LATTICE TOWER

STREET 'G'

STREET 'H'

STREET 'I'

STREET 'A'

SCM #3

WH-01

WH-03

WTLD

SCM MAINTENANCE EASEMENT (TYP.)

STREAM SI

RETAINING WALL (TYP.)

20' PUBLIC BUFFER ZONE 2

30' PUBLIC BUFFER ZONE 1

25'x25' SIGHT TRIANGLE (TYP.)

MATCH LINE
FOR CONTINUATION, SEE C-8.2

MATCH LINE
FOR CONTINUATION, SEE C-8.6

CLUB HOUSE AREA
78,392 SF

15' 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

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

PARTIAL LANDSCAPE PLAN IV

DRAWING SHEET
C-8.5

50 OF 57

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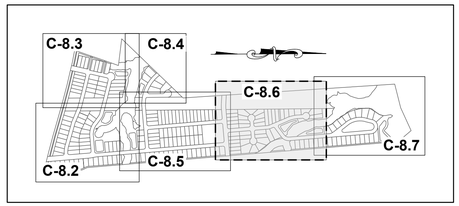

SITE KEY PLAN

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: 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 FT STREET BUFFER

10.0' PUBLIC GREENWAY (TYP.)

46'
DISTANCE FROM TOWER TO PUBLIC GREENWAY

STREET 'I'

STREET 'K'

STREET 'J'

STREET 'L'

MATCH LINE
FOR CONTINUATION, SEE C-8.5

MATCH LINE
FOR CONTINUATION, SEE C-8.7

25'x25' SIGHT TRIANGLE (TYP.)

WA-04

WA-03

EXISTING POND 1

SCM#5

SCM#6

RETAINING WALL (TYP.)

STREAM SA

STREAM SF

WTLD

30.0' BUFFER ZONE 1

20.0' BUFFER ZONE 2

BIKE LANE

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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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

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

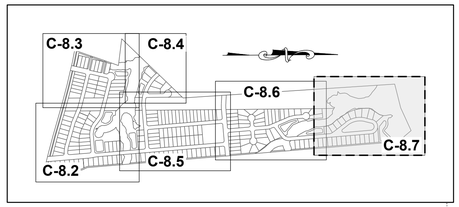
PARTIAL LANDSCAPE PLAN V

DRAWING SHEET

C-8.6

51 OF 57

PROGRESS PLOT DATE: 08/30/2024



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: RL (RO) USE: VA

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: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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

PROPOSED PUBLIC
GREENWAY EASEMENT.

ZONING CONDITION
10 ON SHEET C-1.3 POTENTIAL
GREENWAY EASEMENT

PROPOSED PUBLIC GREENWAY EASEMENT

30.0'

10.0' PUBLIC GREENWAY (TYP.)

30.0' GREENWAY EASEMENT (TYP.)

15.0' TYPE II PERIMETER BUFFER

OPEN SPACE
26,790 SF

PARK
49,986 SF

STREAM SA

SCM MAINTENANCE EASEMENT

SCM#7

SCM#6

SCM#8

20.0' DRAINAGE & ACCESS EASEMENT

RETAINING WALL (TYP.)

BUFFER ZONE 1 - 30.0'

BUFFER ZONE 2 - 20.0'

STREET 'L'

20' PUBLIC GREENWAY MAINTENANCE EASEMENT

30.0' CORSSE

ELECTRIC EASEMENT 180.0'

MATCH LINE
FOR CONTINUATION, SEE C-1.5

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SEAL
NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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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	JWL
DRAWN BY	SRG
CHECKED BY	JWL

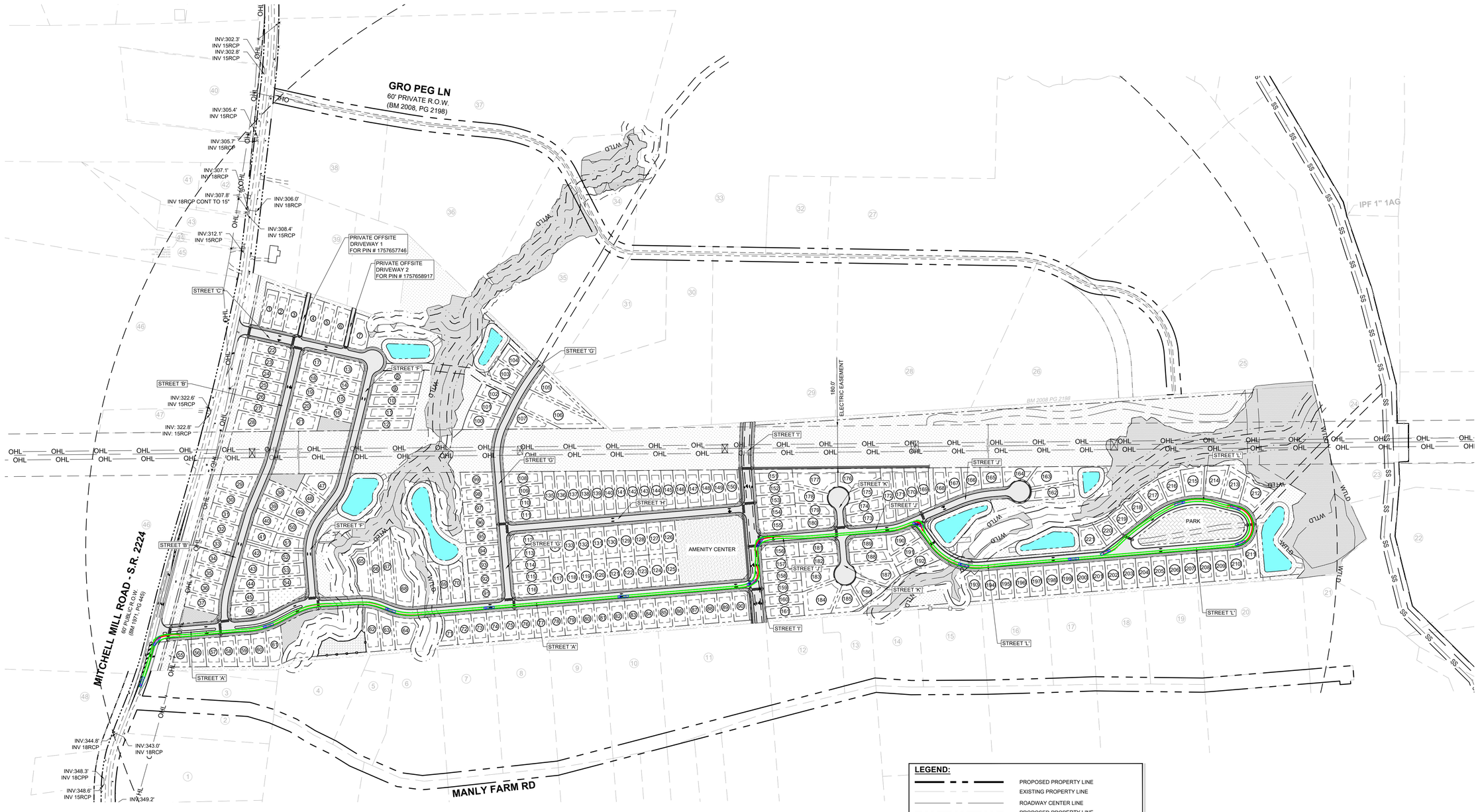
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

PARTIAL LANDSCAPE PLAN VI

DRAWING SHEET

C-8.7

52 OF 57



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

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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SEAL
NORTH CAROLINA PROFESSIONAL
SEAL
036225
ENGINEER
JOSHUA W. LAMBERT

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

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

FIRE PLAN

DRAWING SHEET
C-9.0

53 OF 57

PROGRESS PLOT DATE: 08/30/2024

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

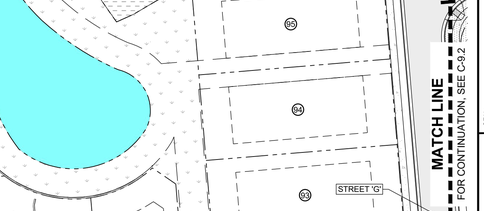
MANLY FARM RD

STREET 'A'
STREET 'B'
STREET 'F'
STREET 'G'

MATCH LINE
FOR CONTINUATION, SEE C-9.2

OHL
WTLD

SITE KEY PLAN



LEGEND:

SEE SHEET C-9.0 FOR LEGEND, LINE AND CURVE TABLES

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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SEAL

NORTH CAROLINA PROFESSIONAL SEAL 036225 ENGINEER JOSHUA W. LAMBERT

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

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

FIRE PLAN I

DRAWING SHEET
C-9.1

54 OF 57

PROGRESS PLOT DATE: 08/30/2024

MATCH LINE
FOR CONTINUATION, SEE C-9.1

MATCH LINE
FOR CONTINUATION, SEE C-9.3

STREET 'H'

STREET 'I'

STREET 'A'

STREET 'J'

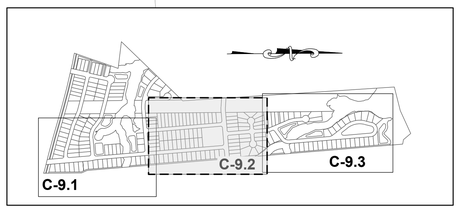
STREET 'K'

AMENITY CENTER

180.0' ELECTRIC EASEMENT

OHL

WTLD



SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 FOR LEGEND, LINE AND CURVE TABLES

16. Change this to C-9.2

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	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

FIRE PLAN II

DRAWING SHEET
C-9.0

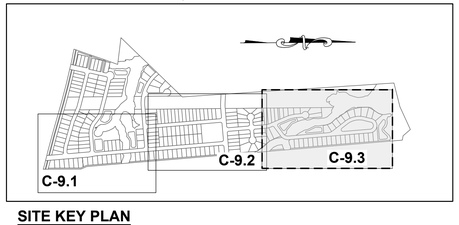
PROGRESS PLOT DATE: 08/30/2024

MATCH LINE
FOR CONTINUATION, SEE C-9.2

ELECTRIC EASEMENT
180.0'

STREET 'J'
STREET 'L'
PARK

WTLD



SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 FOR LEGEND, LINE AND CURVE TABLES

17. Change this to C-9.3

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
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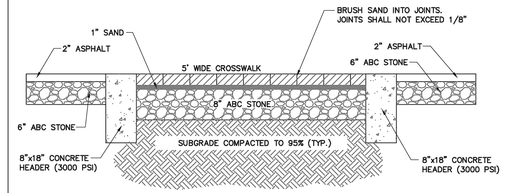
STRONG ROCK PROJECT	
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

FIRE PLAN III

DRAWING SHEET
C-9.0



NOTE:

1. STAMPED CONCRETE OR ASPHALT MAY BE USED IN LIEU OF BRICK PAVERS.

REVISIONS	
DATE	DESCRIPTION

TOWN OF KNIGHTDALE STANDARD DETAILS	BRICK CROSSWALK	STD. NO. 4.10

No.	REVISIONS	DATE	BY
0	TOWN OF ROLESVILLE V1-PSP-24-03	05/30/2024	SREG
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SEAL

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DRAWN BY	SRG
CHECKED BY	JWL

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

SITE DETAILS

DRAWING SHEET

D-1.0

57 OF 57

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