

HILLS AT HARRIS CREEK CONSTRUCTION PLANS

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

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: 220 LOTS
 MINIMUM LOT FRONTAGE: 50'
 MINIMUM REQUIRED LOT SIZE: 8,000 SF

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

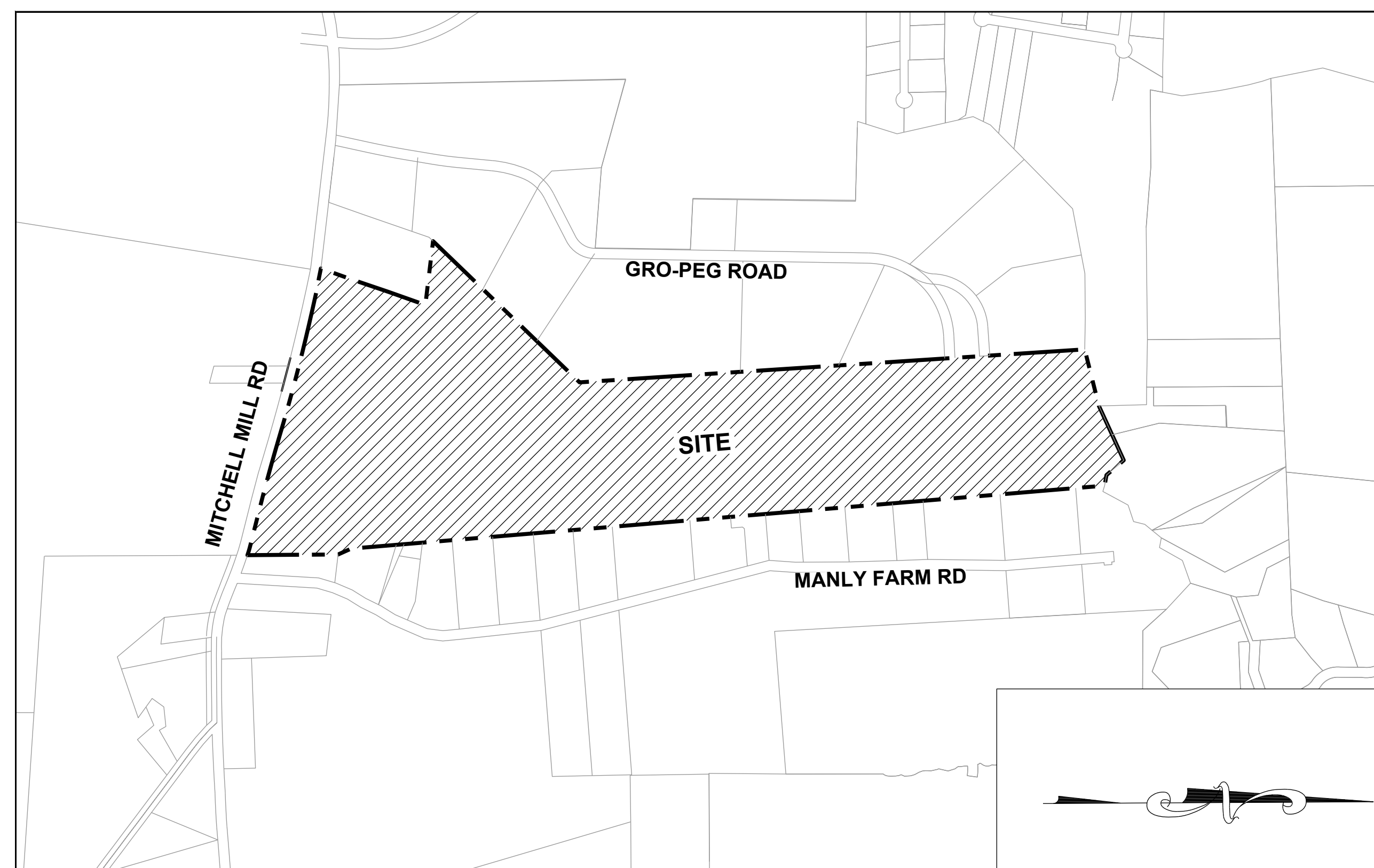
IMPERVIOUS AREAS:
 ROADWAYS & SIDEWALKS: 524,449 SF (12.04 AC)
 PONDS: 115,733 SF (2.66 AC)
 BUILD UPON AREA (BUA): 960,717 SF (22.06 AC)
 TOTAL ON-SITE IMPERVIOUS AREA: 1,600,899 SF (36.76 AC)
 TOTAL ON-SITE IMPERVIOUS PERCENT: 32.11%

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

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

LOT ACREAGE: DSF:
 LOT TYPE (50'x160'): 68 LOTS
 LOT TYPE (55'x146'): 16 LOTS
 LOT TYPE (60'x134'): 56 LOTS
 LOT TYPE (65'x125'): 52 LOTS
 LOT TYPE (70'x115'): 15 LOTS
 LOT TYPE (80'x100'): 13 LOTS
 TOTAL NUMBER PROPOSED LOTS: 220 LOTS
 MINIMUM PROPOSED LOT SIZE: 8,000 SF
 MAXIMUM PROPOSED LOT SIZE: 23,173 SF
 MINIMUM LOT WIDTH: 50'
 PROPOSED DENSITY: 1.92 UNITS/AC

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



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STREET NAMES	PROPOSED ROW	PAVEMENT WIDTH	LINEAR FEET
BOULDER MILL DRIVE	50-70 Ft	24-32 Ft	2,558
SLATE SPRINGS STREET	50 Ft	24 Ft	1,249
PLUTON RIDGE DRIVE	50-60 Ft	24-32 Ft	1,687.62
IGNEOUS STREET	50 Ft	24 Ft	1,072.02
MILLPOND BLUFF DRIVE	50 Ft	24 Ft	1,047.13
FLATROCK RIDGE STREET	62 Ft	36 Ft	849.40
MAGMA CHAMBER WAY	50 Ft	24 Ft	1,154.99
LAVA STREET	50 Ft	24 Ft	324.52
LIMESTONE WALL LANE	50 Ft	24 Ft	2,271.75
PRIVATE OFF-SITE DRIVEWAY 1	20 Ft	13 Ft	213.11
PRIVATE OFF-SITE DRIVEWAY 2	20 Ft	13 Ft	191.35

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

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

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

VICINITY MAP
 1" = 600'

CONDITIONS OF APPROVAL:

- UTILITIES CONSTRUCTED BY OTHERS MUST BE INSTALLED, INSPECTED, AND ACCEPTED BY RALEIGH PRIOR TO RECORDATION OF THE LOTS WITHIN THIS PROJECT. IF THESE UTILITIES ARE NOT CONSTRUCTED BY OTHERS, THIS PROJECT IS RESPONSIBLE FOR THE EXTENSIONS TO SUPPORT THIS PROJECT'S DEVELOPMENT.
- A WATER MODEL IS REQUIRED TO BE COMPLETED BY THE PROJECT ENGINEER TO DEMONSTRATE THAT THE PROPOSED WATER LINE EXTENSION WILL PROVIDE ADEQUATE FIRE FLOW AND PRESSURE FOR THE PROPOSED DEVELOPMENT.
- 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.
- ALL OFFSITE SEWER EASEMENTS MUST BE APPROVED, SIGNED AND RECORDED WITH RALEIGH DEED TEMPLATE PRIOR TO CD APPROVAL.

NOTES:

- SEE SHEET C-1.1 FOR ZONING CONDITIONS.
- THIS SUBDIVISION SHALL BE DEVELOPED AND RECORDED IN A SINGLE PHASE; THERE IS NO PHASING PLAN.

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.



Know what's below.
Call before you dig.

11/01/2024
TOWN OF ROLESVILLE CID-24-07

02/03/2025
TOWN OF ROLESVILLE VZ-CID-24-07

NO. _____

DATE _____

STRONGROCK

ENGINEERING GROUP

STRONG ROCK PROJECT

NOT FOR CONSTRUCTION

SCALE AS SHOWN

DESIGNED BY JWL

DRAWN BY SRG

CHECKED BY JWL

HILLS AT HARRIS CREEK

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS

COVER SHEET

STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2766

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

DRAWING SHEET

C-1.0

01 OF 129

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... 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... 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... 5. RECREATIONAL AMENITIES: THE FOLLOWING RECREATIONAL AMENITIES SHALL BE PROVIDED GENERALLY AS SHOWN ON THE RECREATIONAL AMENITIES PLAN ATTACHED HERETO AS EXHIBIT TWO... 6. FOUNDATIONS: ALL HOMES SHALL INCLUDE EITHER CRAWL SPACE FOUNDATIONS OR STEM WALL FOUNDATION (AS THEY ARE GENERALLY DEFINED IN THE HOME BUILDING INDUSTRY)... 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... 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... 10. FUTURE GREENWAY EXPANSION: THE 50' WIDE "GREENWAY EASEMENT" AS SHOWN ON EXHIBIT ONE, SHALL BE DEDICATED TO THE TOWN AS A FUTURE PUBLIC GREENWAY... 11. CONSTRUCT A WESTBOUND(MITCHELL MILL ROAD) RIGHT-TURN LANE WITH 50' OF STORAGE AT THE SITE ACCESS #1... 12. ALL ON-SITE RETAINING WALLS ARE TO BE OWNED AND MAINTAINED BY THE HOA.

Exhibit Three
REZ-24-02/Hills at Harris Creek
Conditions of Approval
Date: April 30, 2024

- 1. The subject property shall be developed generally in accordance with the Concept Sketch Plan attached hereto as Exhibit One and incorporated herein as if fully set out. Locations shown for committed elements including, but not limited to Greenways, streets, and open space areas shown on the Concept Sketch Plan, are conceptual and provided for illustration and context only... 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... 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... 5. Recreational Amenities: The following recreational amenities shall be provided generally as shown on the Recreational Amenities Plan attached hereto as Exhibit Two... 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 200th residential dwelling unit building permit.

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... 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... 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... 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.

Authentigi ID: 4C37A3B348E8F118C3D24E2708E1

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

Table with columns: REVISIONS, DATE, BY. Includes a circular seal for Alan Watkins, Professional Engineer, License No. 036225.



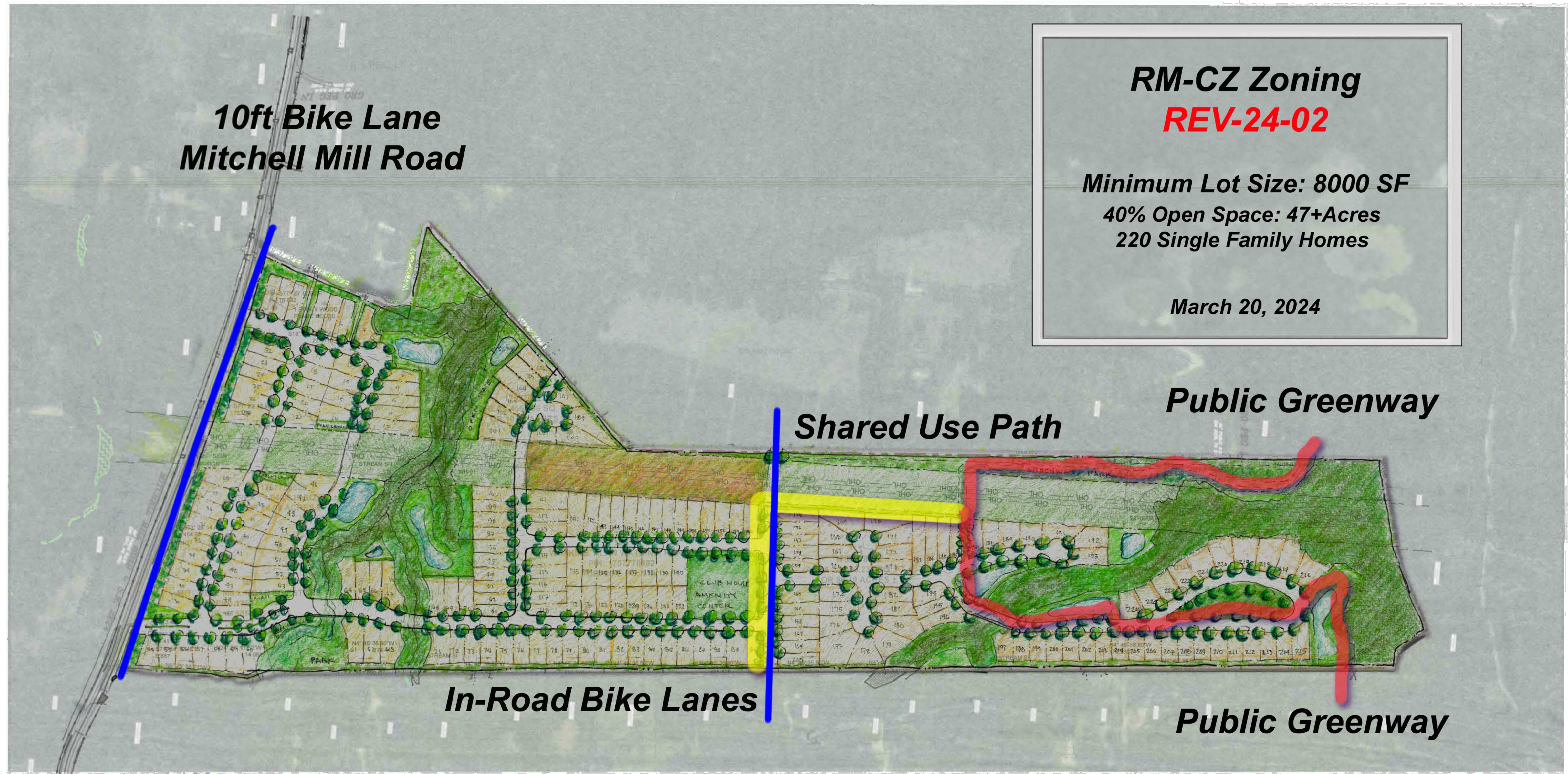
Table with columns: PROJECT, CONSTRUCTION, SCALE, DESIGNED BY, DRAWN BY, CHECKED BY.

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

DRAWING SHEET
C-1.1

V2 - REZ-24-02

EXHIBIT ONE CONCEPT SKETCH PLAN

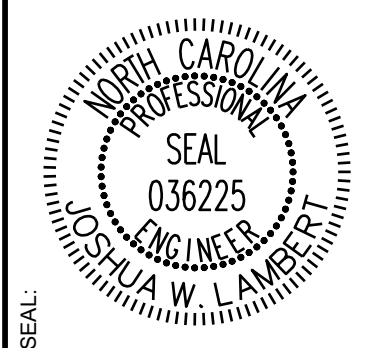


RM-CZ Zoning
REV-24-02

Minimum Lot Size: 8000 SF
40% Open Space: 47+Acres
220 Single Family Homes

March 20, 2024

NO.	REVISIONS	DATE	BY
01			
02			



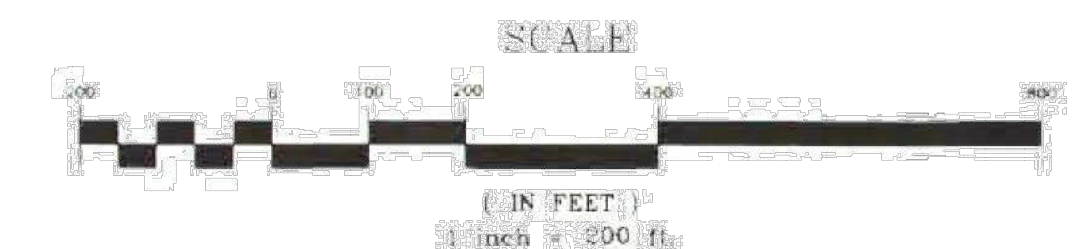
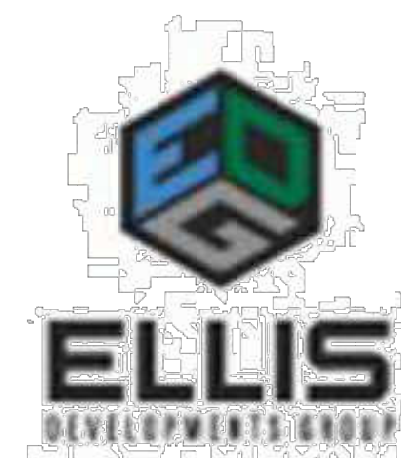
STRONGROCK
ENGINEERING GROUP

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

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

DRAWING SHEET
C-1.2



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

GENERAL CONSTRUCTION NOTES:

1. SEE GENERAL NOTES ON SHEET C-1.1.
2. WITHIN ALL NOTES, THE TERM CONTRACTOR WILL MEAN THE GENERAL CONTRACTOR AND ANY SUBCONTRACTORS OR VENDORS PERFORMING WORK ON THE PROJECT.
3. ANY CONTRACTOR SUBMITTING A BID FOR THIS PROJECT SHALL MAKE A SITE VISIT PRIOR TO SUBMITTING BID.
4. BOUNDARY DATA PERFORMED BY TAYLOR LAND CONSULTANTS, SEE SURVEY FOR BENCHMARK & TBM INFORMATION. SURVEY IS REFERENCED TO NC GRID NAD 83. REFER TO EXISTING CONDITIONS PLAN
5. ANY RELOCATION OF BENCHMARKS SHALL BE PERFORMED BY A NC LICENSED SURVEYOR.
6. ALL WORK, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF ROLESVILLE, WAKE COUNTY, NCDOT OR & CITY OF RALEIGH STANDARDS AND SPECIFICATIONS, LATEST EDITION.
7. ALL WORK, CONSTRUCTION AND MATERIALS WITHIN NCDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2018 NCDOT STANDARDS SPECIFICATIONS FOR ROADS AND STRUCTURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT RIGHT-OF-WAY. TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES WITH PROPER SIGNAGE, SIGNALS, LIGHTING, FLAGMEN, ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
9. COPIES OF ALL PERMITS AND APPROVED PLANS MUST BE KEPT ON SITE IN A PERMIT BOX THAT IS CONSPICUOUSLY LOCATED AND EASILY ACCESSIBLE DURING CONSTRUCTION. THIS INCLUDES APPROVED CONSTRUCTION PLANS, APPROVED EROSION CONTROL PLANS, ENCROACHMENT AGREEMENTS, DRIVEWAY PERMITS, WATER/SEWER PERMITS, ETC.
10. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. CONTACT THE NC ONE CALL CENTER AT LEAST 72 HOURS PRIOR TO DIGGING @ 1.800.632.4949. UNDERGROUND LINES SHOWN HEREON ARE APPROXIMATE OR AS REPORTED BY VARIOUS RESPONSIBLE PARTIES. THE SURVEYOR DOES NOT GUARANTEE THAT ANY UNDERGROUND STRUCTURES SUCH AS UTILITIES, TANKS AND PIPES ARE LOCATED HEREON.
11. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES.
12. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY TOWN, CITY OF RALEIGH OR NCDOT DAMAGED PROPERTY. THE CONTRACTOR SHALL REPAIR THE DAMAGED PROPERTY TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE AGENCY HOLDING JURISDICTION AT NO COST TO THE OWNER.
13. ANY DAMAGE DONE TO PRIVATE PROPERTY OWNERS SIGNS, MAILBOX, DRIVEWAY CULVERTS, LANDSCAPING OR OTHER PROPERTY SHALL BE RESTORED TO ORIGINAL CONDITION. AT NO COST TO OWNER.
14. CONTRACTOR IS RESPONSIBLE FOR FENCING AND SECURITY OF HIS LAYDOWN AND STORAGE AREA.
15. THE CONTRACTOR IS REQUIRED TO MEET ALL APPLICABLE FEDERAL, OSHA, STATE AND LOCAL REGULATIONS CONCERNING PROJECT SAFETY AND ASSUMES FULL RESPONSIBILITY FOR SAFETY ON THE PROJECT.
16. CONTRACTOR SHALL KEEP ALL ROADS FREE OF DIRT AND DEBRIS AT ALL TIMES.
17. CONTRACTOR SHALL PROTECT EXISTING PAVEMENTS AND UTILITIES FROM HEAVY EARTH MOVING EQUIPMENT. PROVIDE TRAFFIC CONTROL AND ADEQUATE PROTECTION METHODS AT ALL EQUIPMENT CROSSINGS.
18. ALL STRUCTURAL FILL MATERIAL SHALL BE FREE OF ALL STICKS, ROCKS, AND CLUMPS OF MUD. ALL ROCKS GREATER THAN 3" DURING EXCAVATION SHALL BE REMOVED.
19. CONCRETE SIDEWALKS THAT ARE TO BE REMOVED SHALL BE CUT BACK TO NEAREST EXPANSION OR CONTROL JOINT AND REPLACED WITH 4-INCH CONCRETE SIDEWALK FINISHED TO MATCH EXISTING SIDEWALKS.
20. CONTRACTOR TO COORDINATE WITH CITY OF RALEIGH FOR TEMPORARY WATER NEEDED DURING CONSTRUCTION. IF PERMITTED TO CONNECT TO EXISTING FIRE HYDRANT A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER WILL BE REQUIRED.
21. THE TRANSITION OF PROPOSED ROADWAY TO EXISTING ROADWAY SHALL BE DONE WITH A MINIMUM 8-FT TRANSITION WHERE THE EXISTING PAVEMENT IS MILLED TO A MINIMUM DEPTH OF 1-1/2" AND OVERLAID.
22. ALL PAVEMENT SAW CUTS SHALL BE NEAT, STRAIGHT AND FULL DEPTH.
23. ALL RIP-RAP IS TO BE INSTALLED WITH NON-WOVEN FILTER FABRIC BENEATH (MIRAFI 140N 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 CABG 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 UNDER 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 TAKEOUT 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:

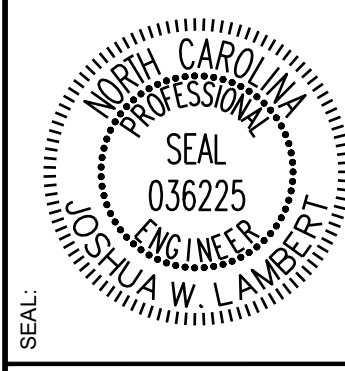
IDENTIFIER	DESCRIPTION
&	AND
CL	CENTERLINE
Ø	DIAMETER OR ROUND
ℙ	PROPERTY LINE
ABC	AGGREGATE BASE ASPH ASPHALT
AVE	AVENUE
BLVD	BOULEVARD
BLDG	BUILDING
BOC	BACK OF CURB
BW	BOTTOM OF WALL
CB	CATCH BASIN
CI	CURB INLET
CIP	CAST IRON PIPE
CLS	CLASS
CJ	CONTROL JOINT
CO	CLEANOUT
CONC	CONCRETE
DI	DROP INLET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

GENERAL ABBREVIATIONS:

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

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

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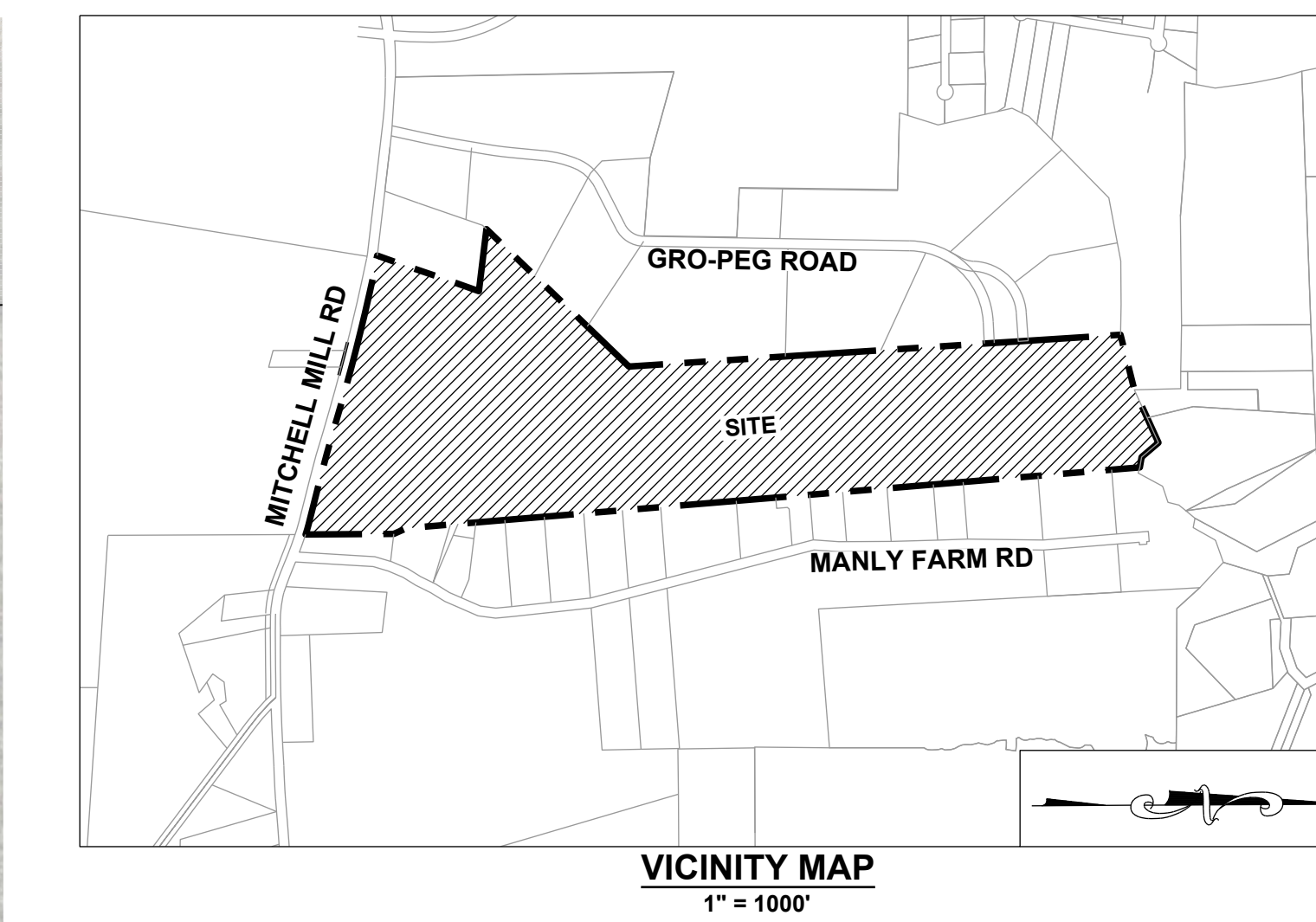
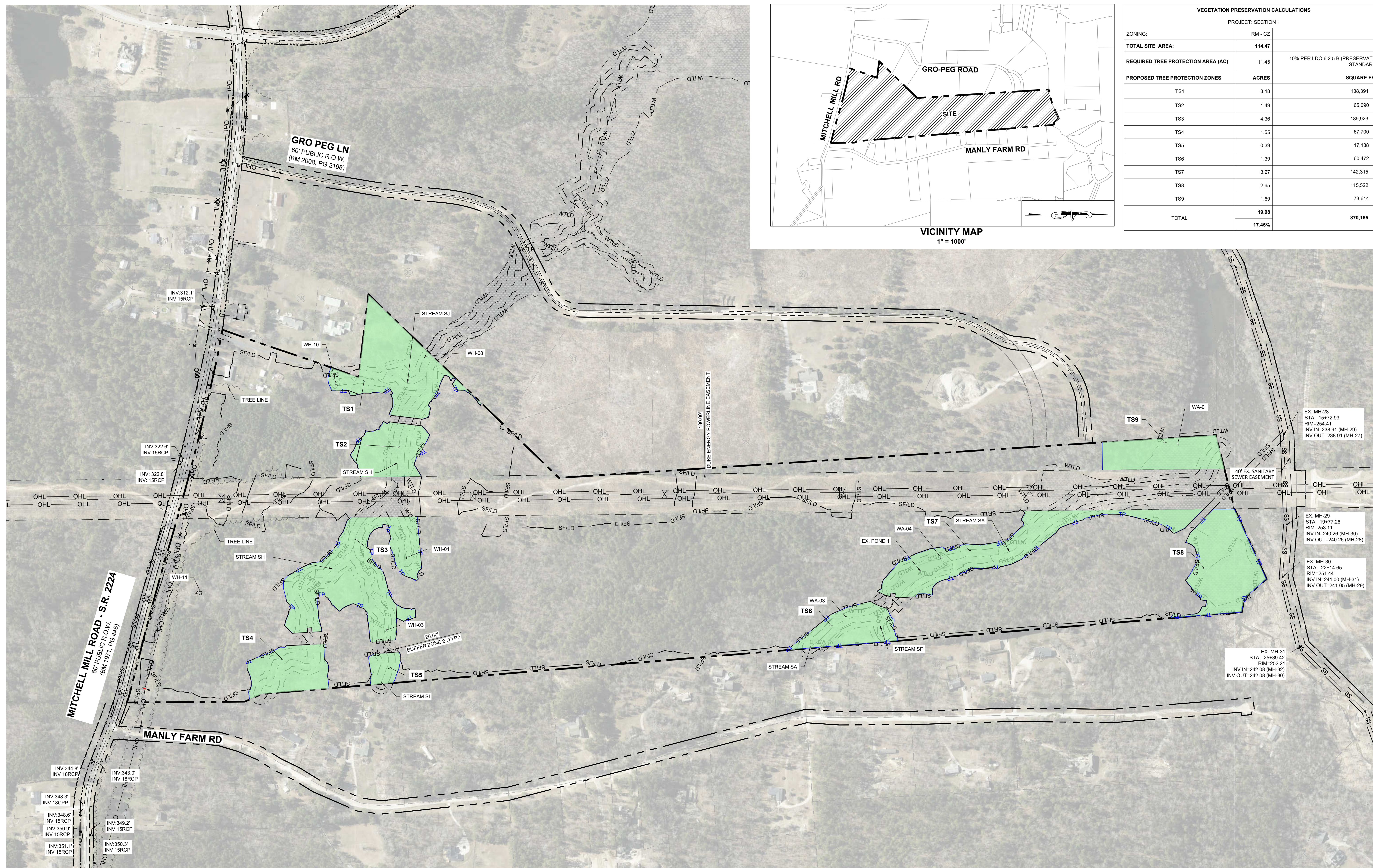


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HILLS AT HARRIS CREEK TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA CONSTRUCTION PLANS CIVIL NOTES	DRAWING SHEET C-2.0
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VEGETATION PRESERVATION CALCULATIONS		
PROJECT: SECTION 1		
ZONING:	RM - CZ	
TOTAL SITE AREA:	114.47	
REQUIRED TREE PROTECTION AREA (AC)	11.45	10% PER LDO 6.2.5.B (PRESERVATION STANDARDS)
PROPOSED TREE PROTECTION ZONES	ACRES	SQUARE FEET
TS1	3.18	138,391
TS2	1.49	65,090
TS3	4.36	189,923
TS4	1.55	67,700
TS5	0.39	17,138
TS6	1.39	60,472
TS7	3.27	142,315
TS8	2.65	115,522
TS9	1.69	73,614
TOTAL	19.98	870,165
	17.45%	

11/01/2024
02/03/2025

TOWN OF ROLESVILLE CD-24-07
TOWN OF ROLESVILLE VZ-CID-24-07

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

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TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS
TREE PROTECTION PLAN

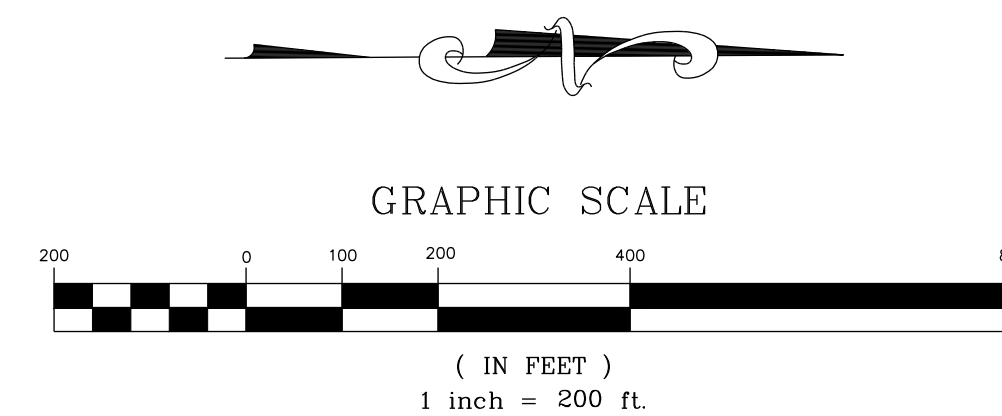
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C-3.1

06 OF 129

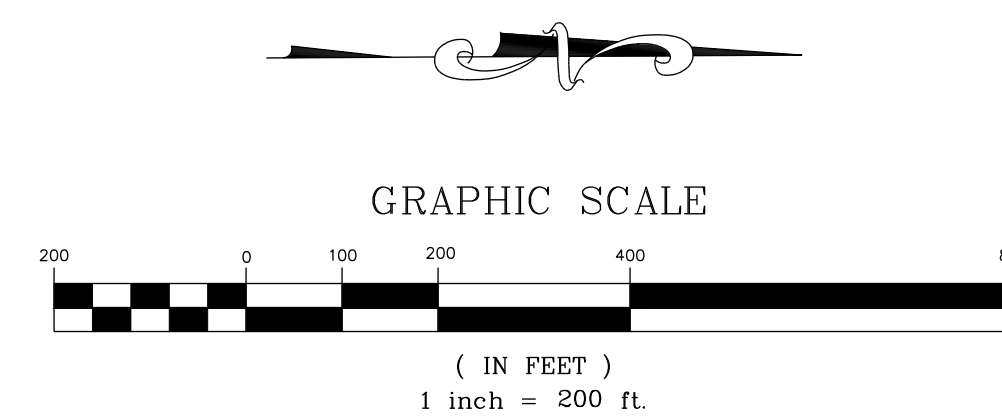
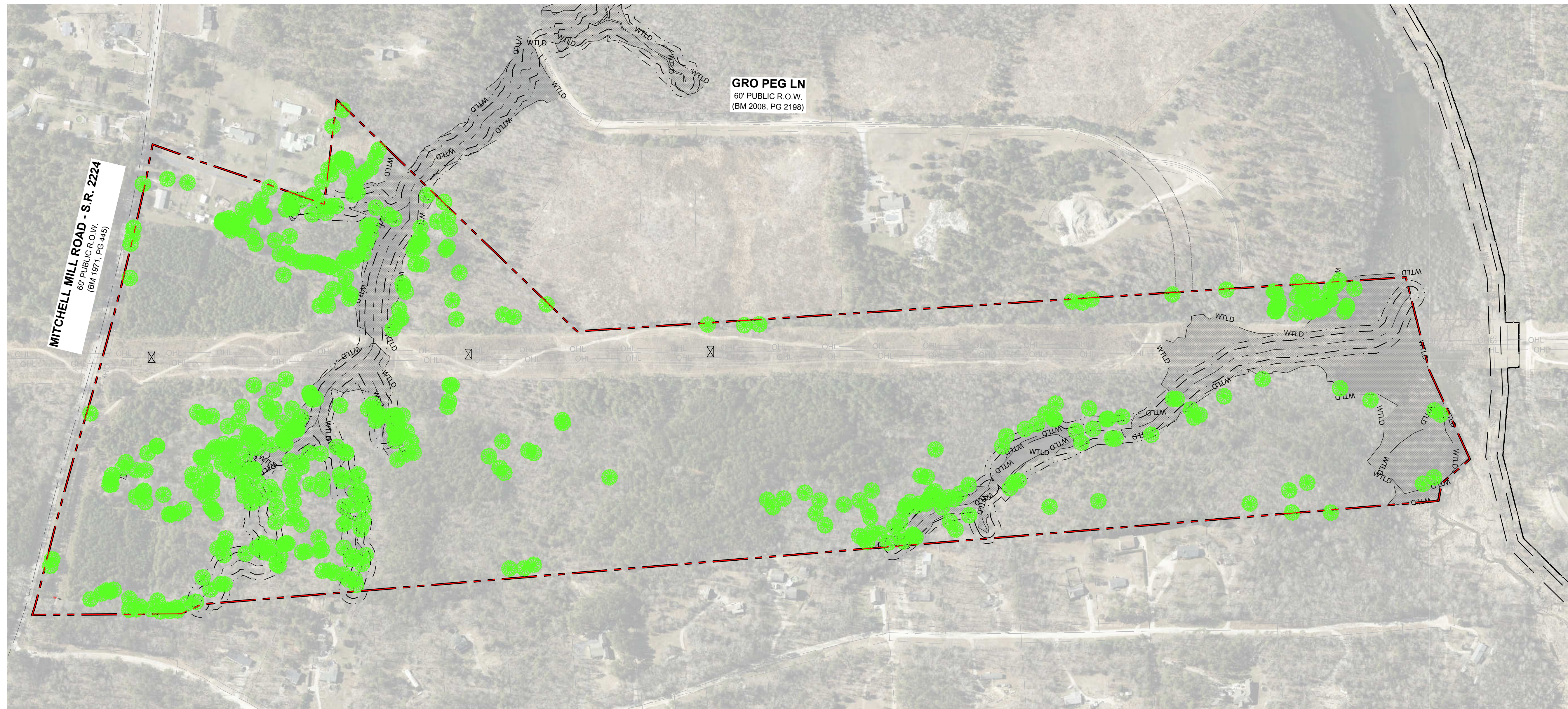
NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

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

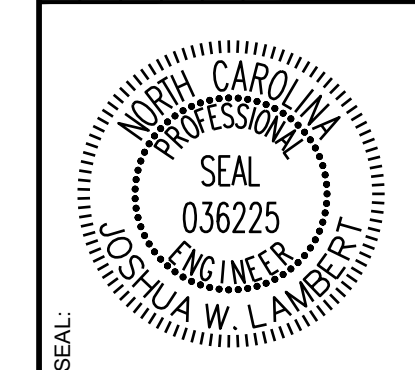


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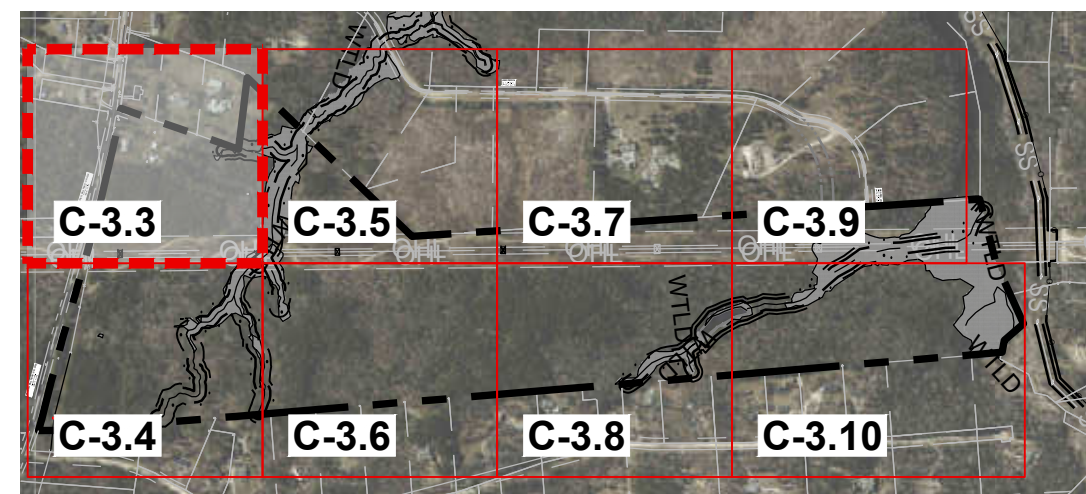
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
OVERALL TREE INVENTORY MAP

DRAWING SHEET
C-3.2



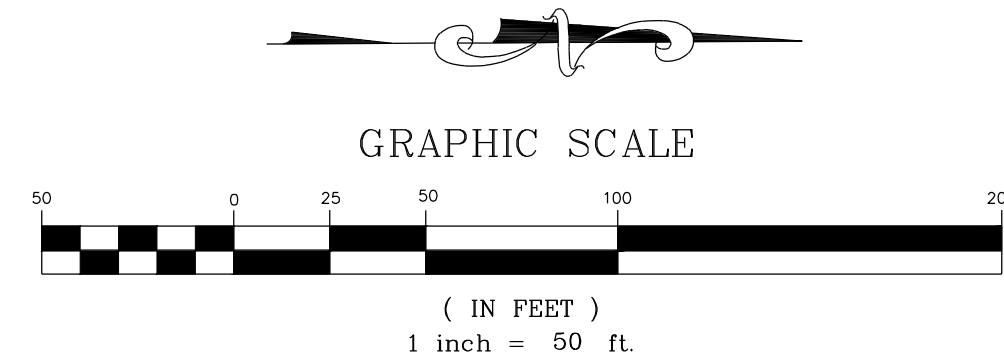
SITE KEY PLAN

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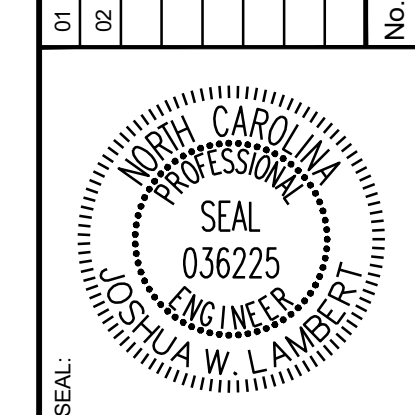
SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



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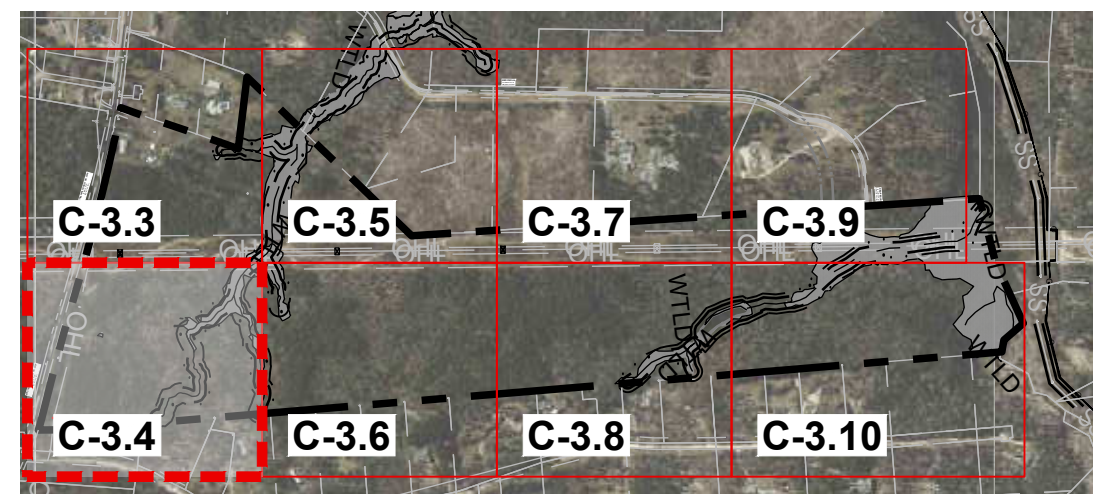
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP I

DRAWING SHEET
C-3.3

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FOR CONTINUATION, SEE C-3.3

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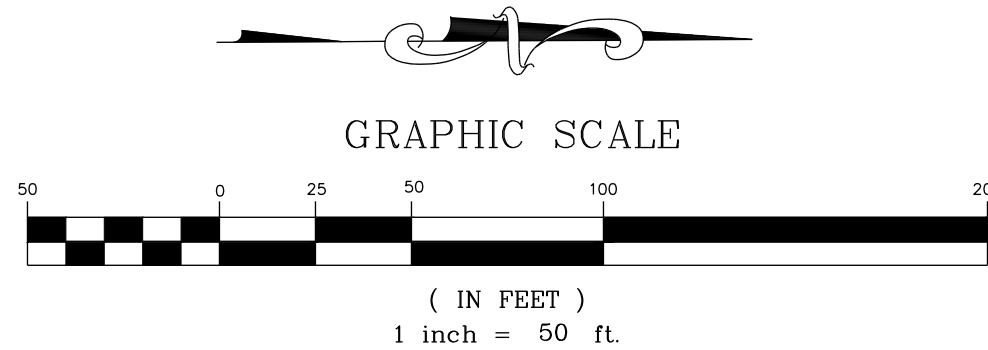
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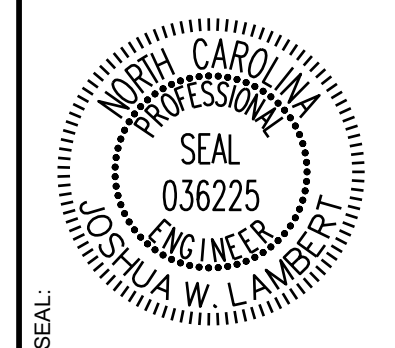
SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

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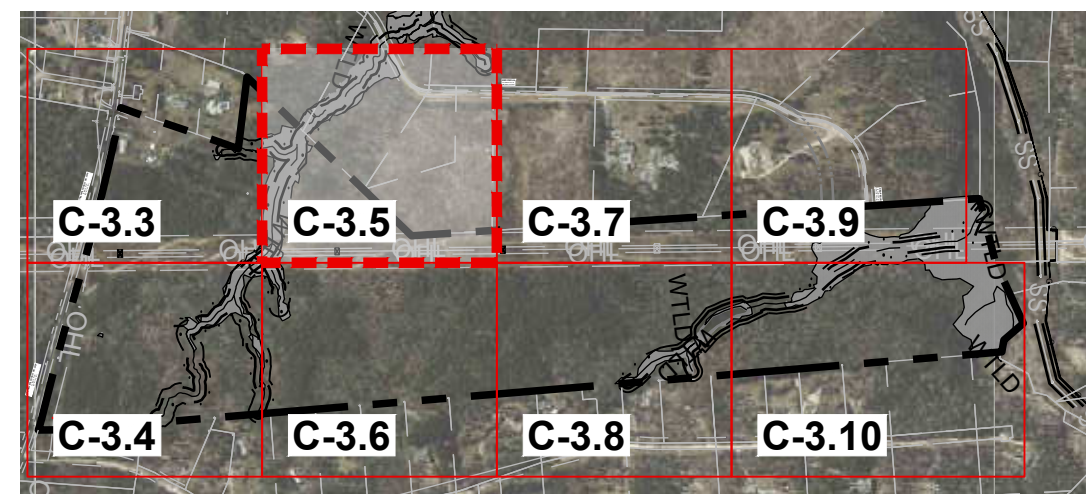
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP II

DRAWING SHEET
C-3.4

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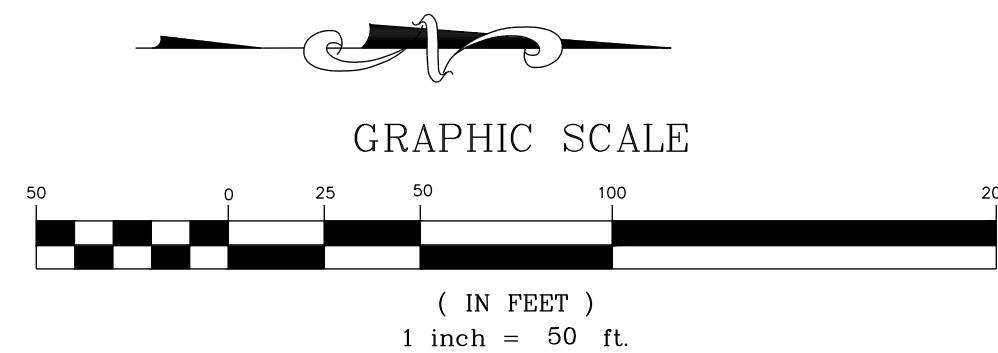
SITE KEY PLAN

LEGEND:

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NOTES:

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FOR CONTINUATION, SEE C-3.3

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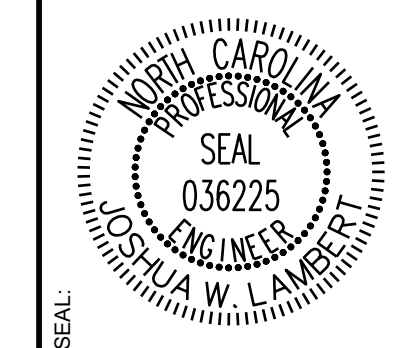
MATCH LINE

FOR CONTINUATION, SEE C-3.7

MATCH LINE

FOR CONTINUATION, SEE C-3.6

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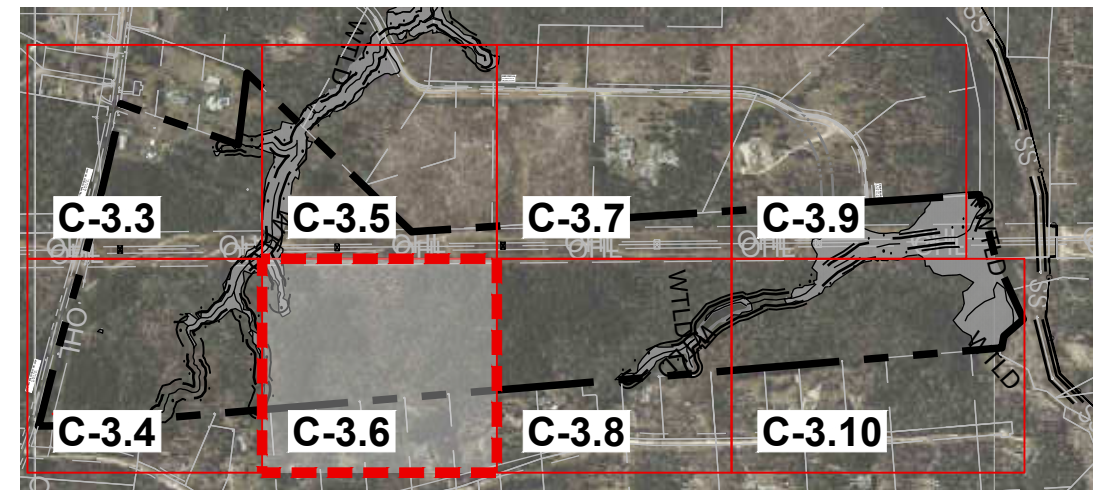
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SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP III

DRAWING SHEET
C-3.5

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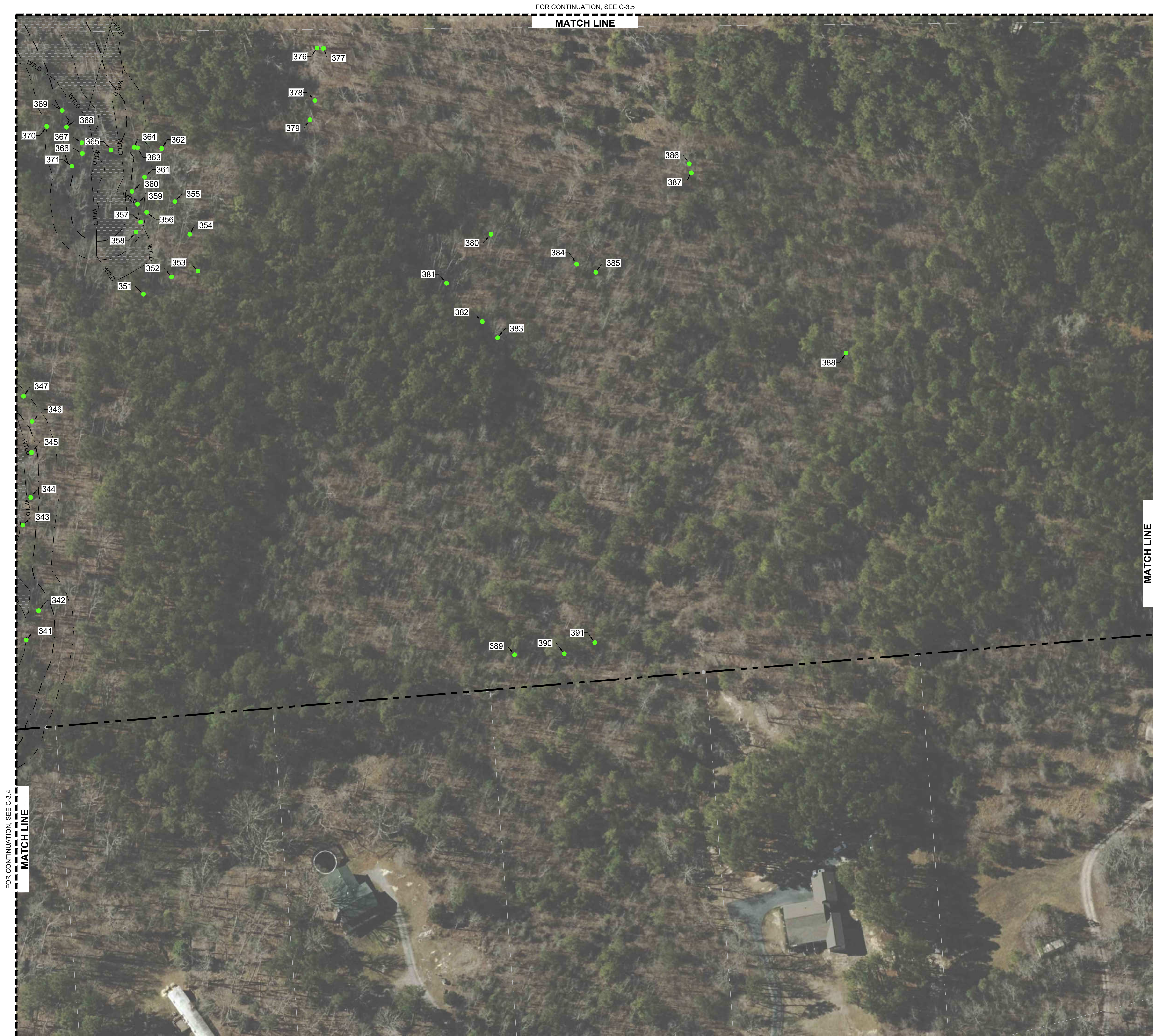
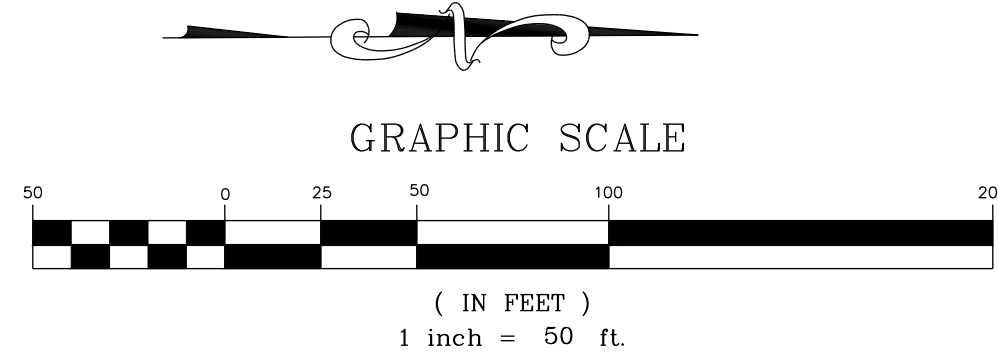
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LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

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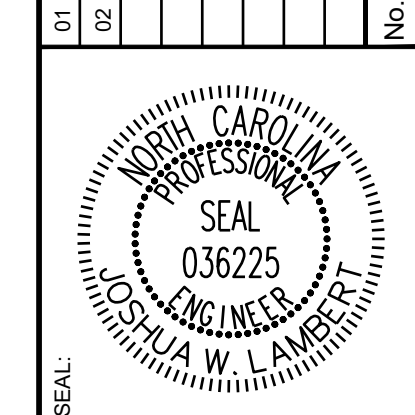


FOR CONTINUATION, SEE C-3.4
MATCH LINE

FOR CONTINUATION, SEE C-3.5
MATCH LINE

MATCH LINE
FOR CONTINUATION, SEE C-3.8

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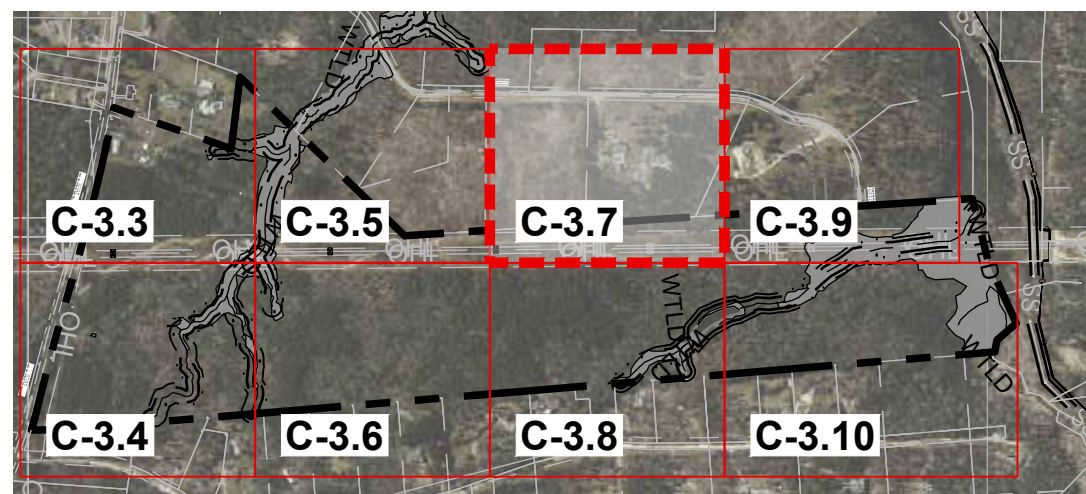
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP IV

DRAWING SHEET
C-3.6

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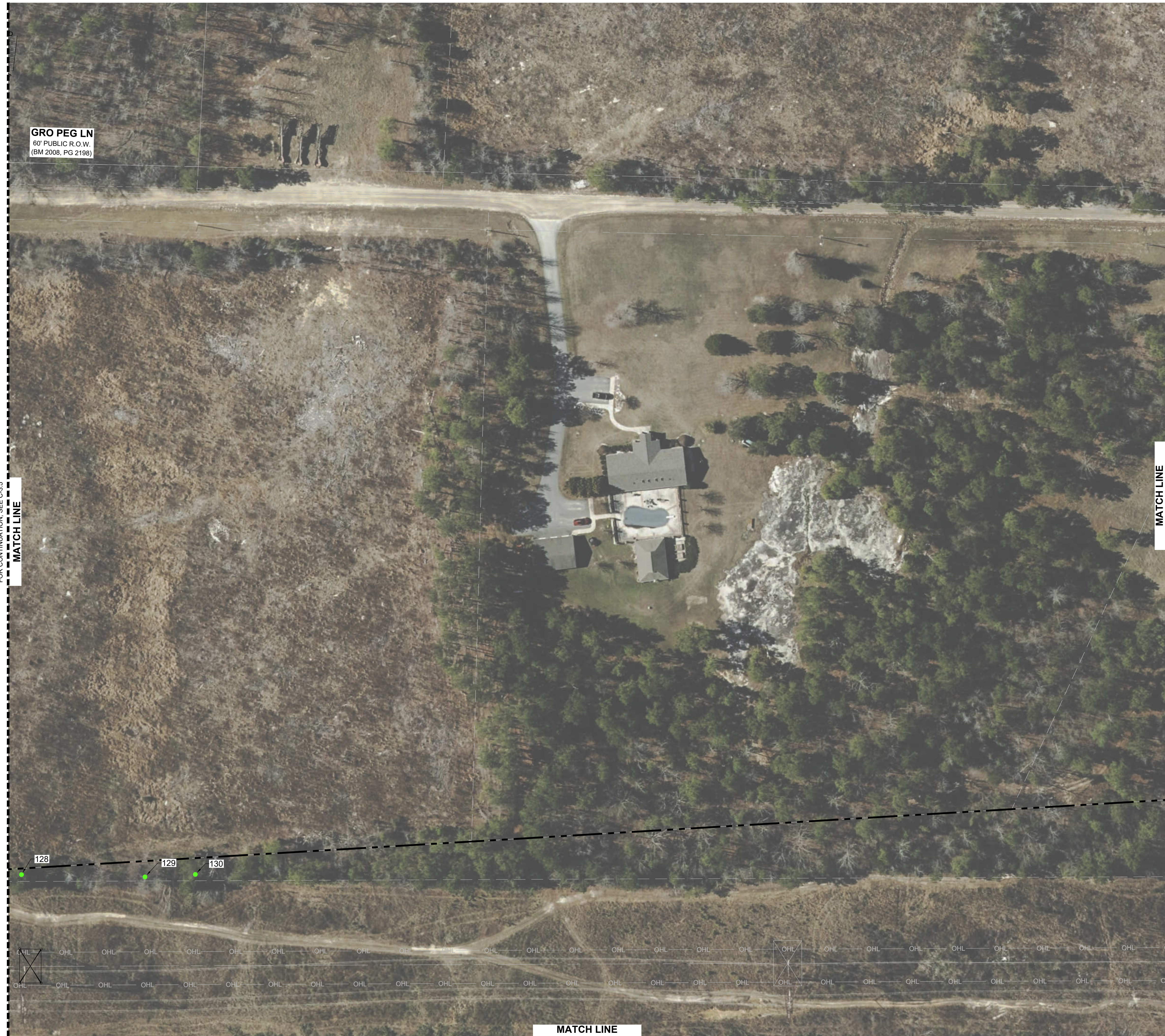
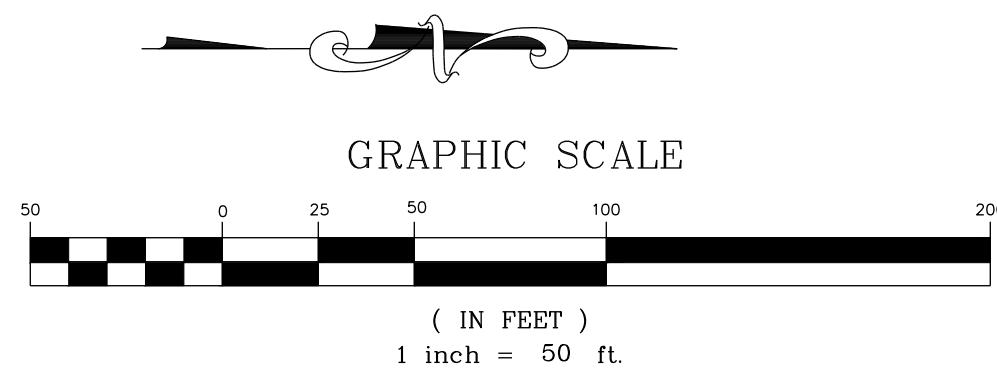


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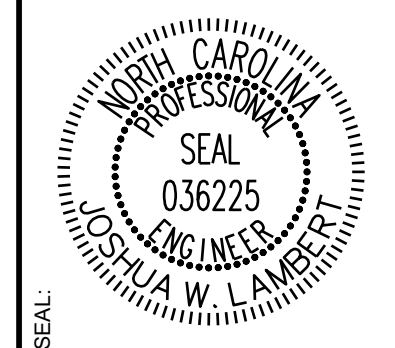
LEGEND:

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NOTES:
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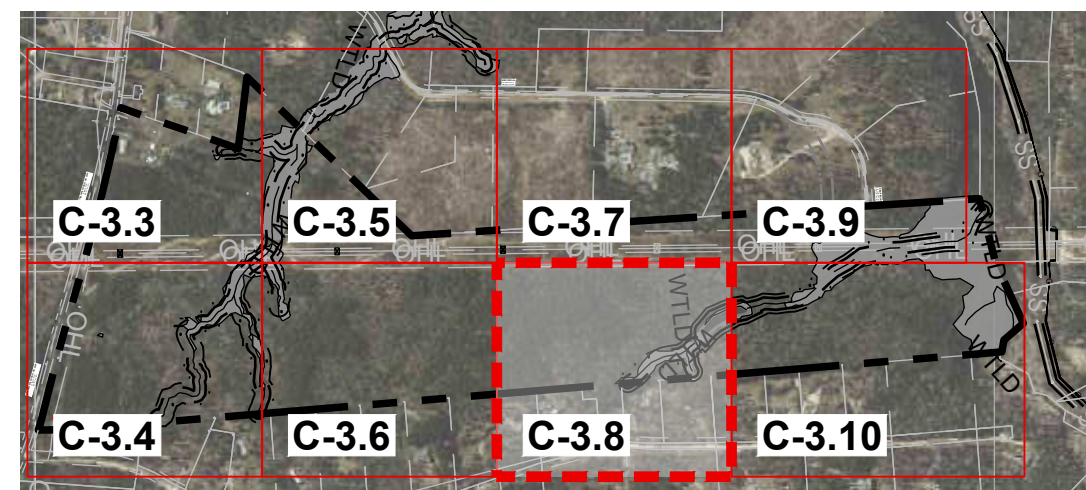
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP V

DRAWING SHEET
C-3.7

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FOR CONTINUATION, SEE C-3.7

MATCH LINE



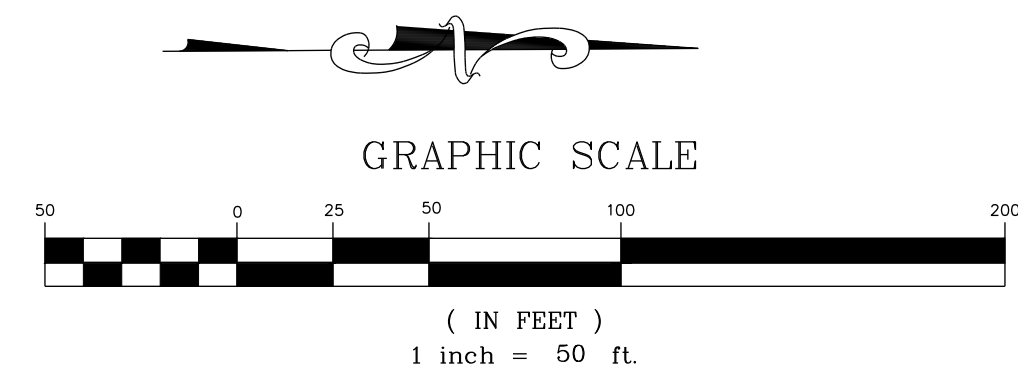
SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



FOR CONTINUATION, SEE C-3.8

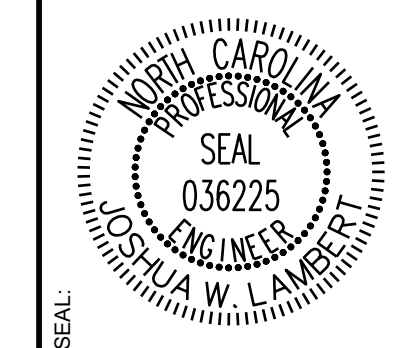
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FOR CONTINUATION, SEE C-3.10

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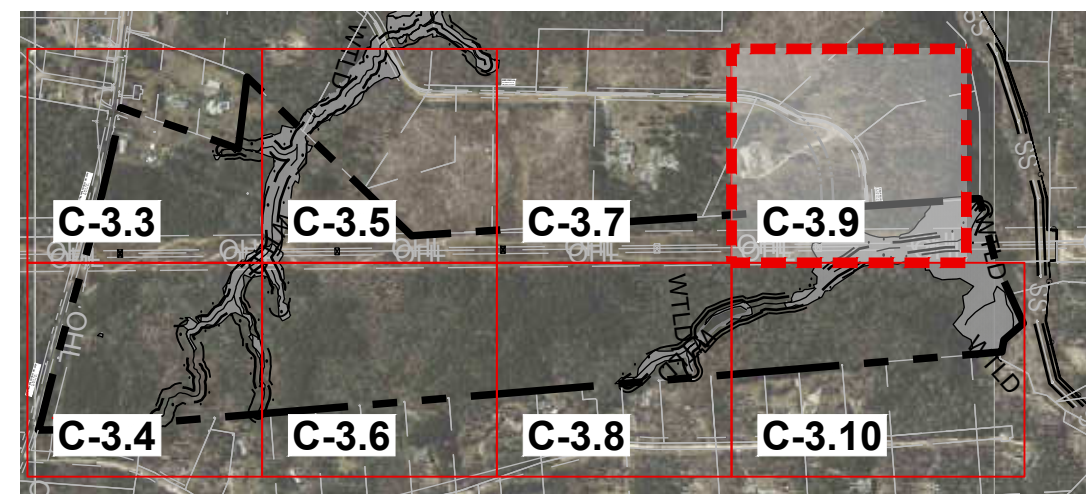
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL TREE INVENTORY MAP VI

DRAWING SHEET
C-3.8

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



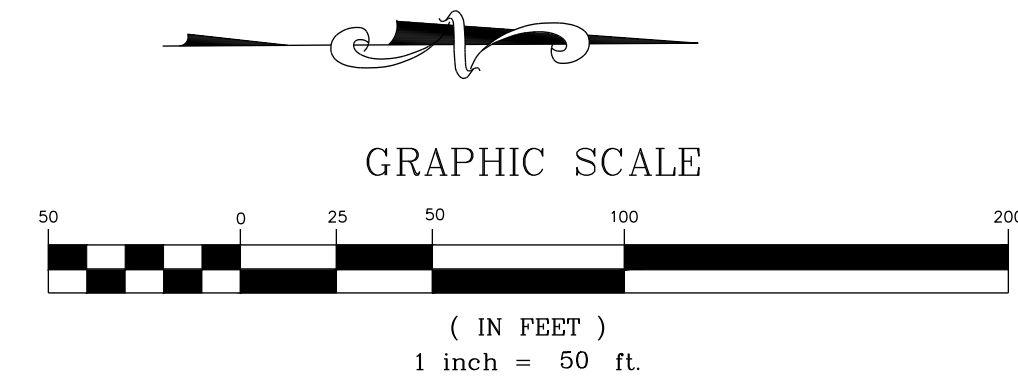
SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES

NOTES:

SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



FOR CONTINUATION, SEE C-3.7

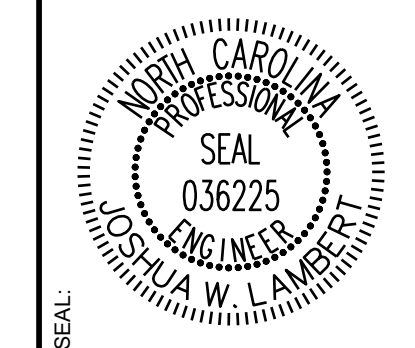
MATCH LINE

GRO PEG LN
 807 PUBLIC ROAD
 (BM 2008) PG 2198)

MATCH LINE

FOR CONTINUATION, SEE C-3.10

NO.	REVISIONS	DATE	BY
01			
02			



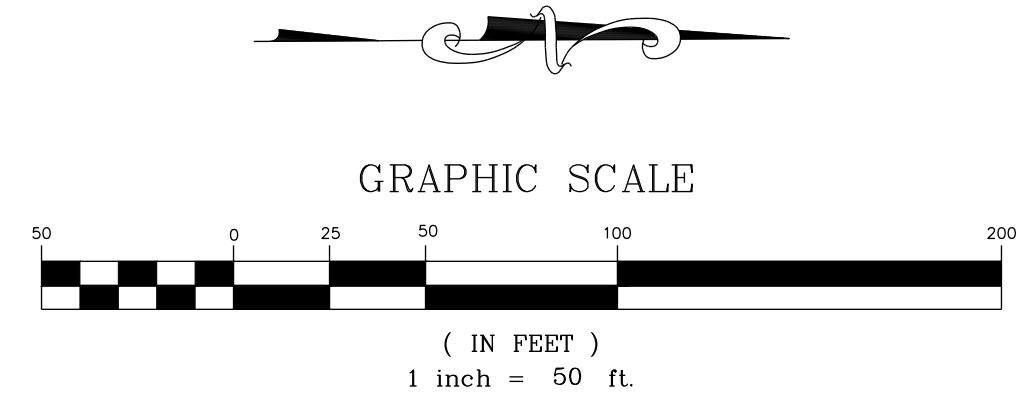
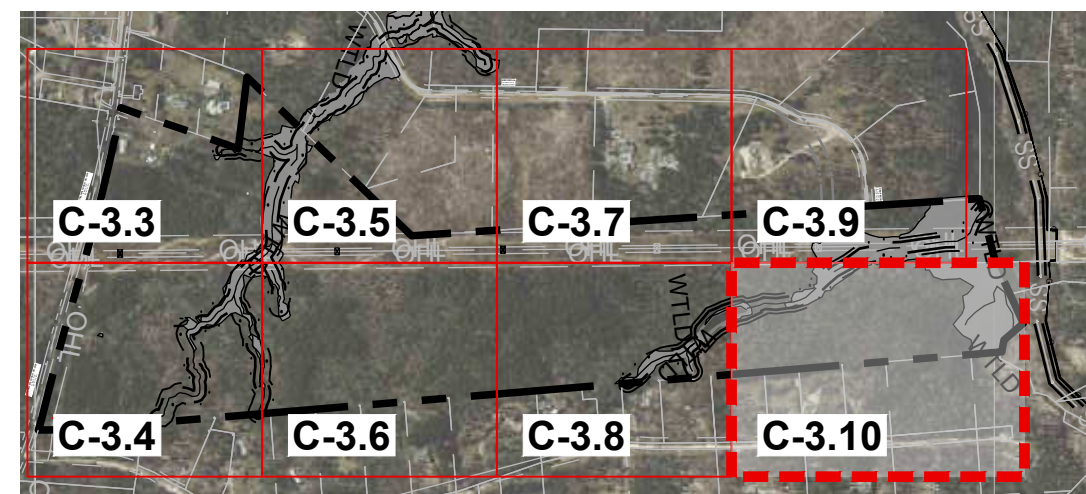
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 ENGINEERING GROUP
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

DRAWING SHEET
C-3.9

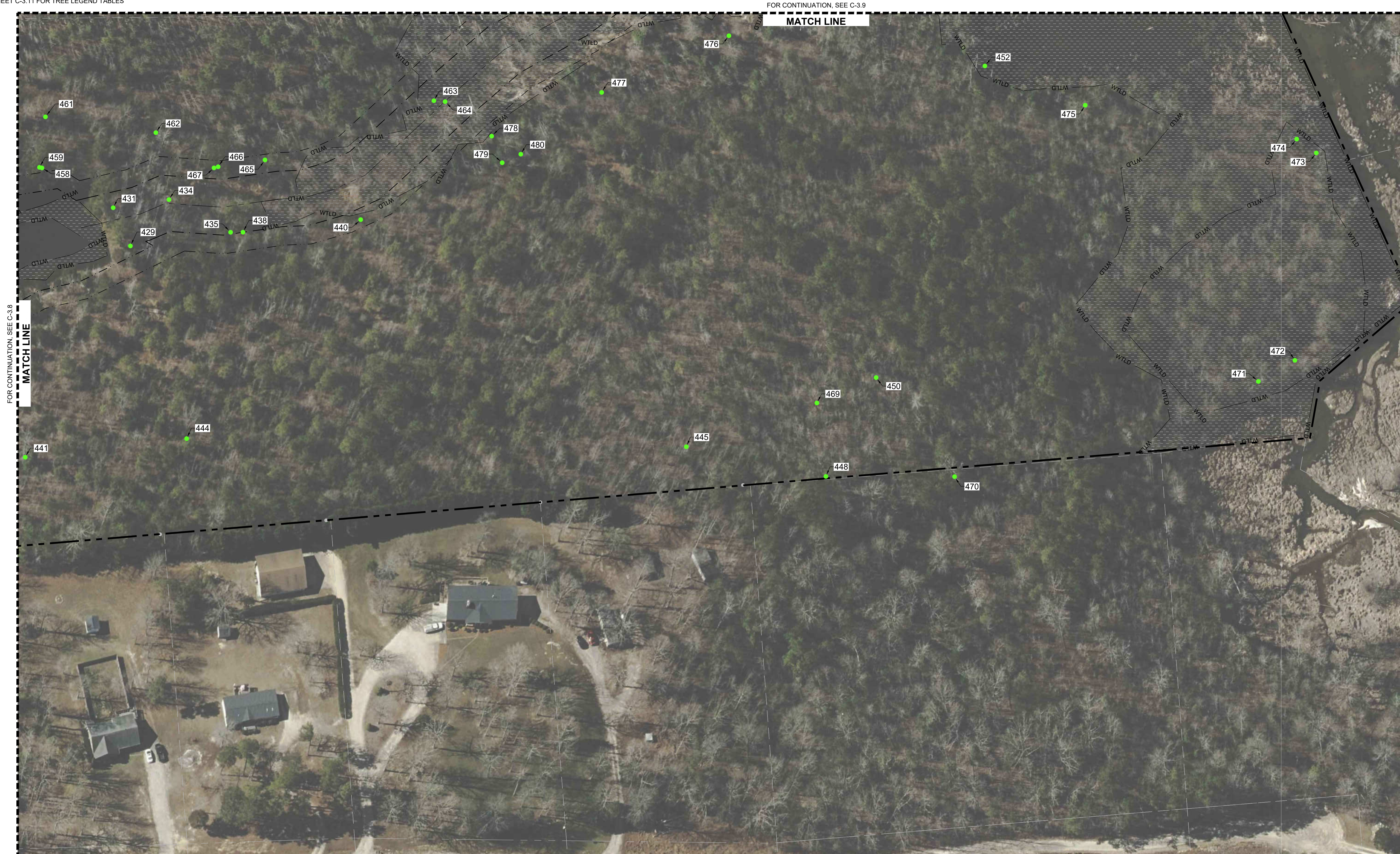
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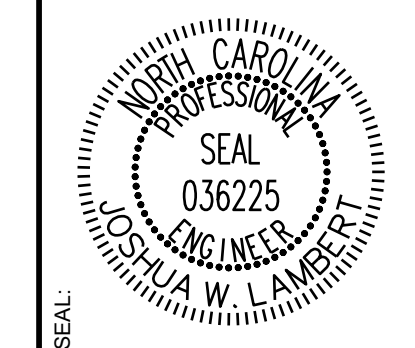
SITE KEY PLAN

LEGEND:

SEE SHEET C-3.11 FOR TREE LEGEND TABLES



NO.	DATE	REVISIONS
01	11/01/2024	
02	02/03/2025	



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

DRAWING SHEET
C-3.10

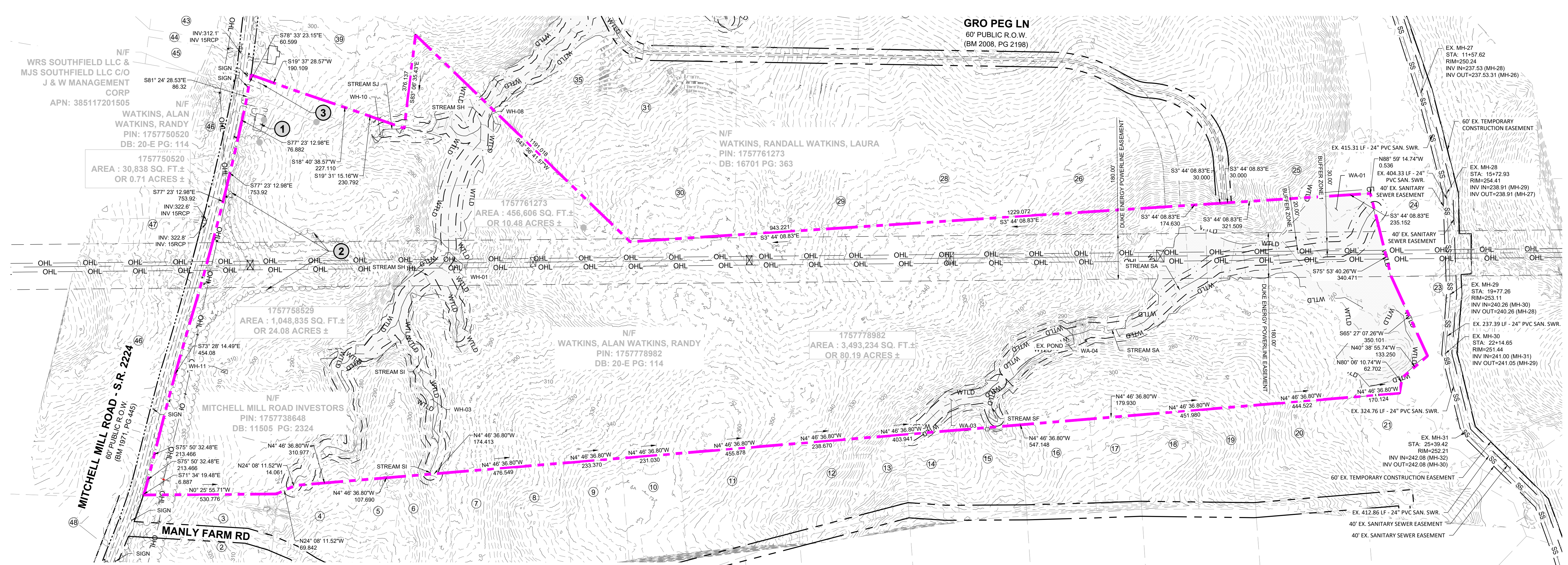
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.

TREE CODE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
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	LITU	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	PITA	24	FAIR
55	LITU	26	FAIR
56	LITU	25	FAIR
57	LITU	26	FAIR
58	LITU	27	FAIR
59	LITU	20	FAIR
60	LITU	27	FAIR
61	LIST	24	FAIR
62	QUFA	18	FAIR
63	PITA	21	FAIR
64	PITA	40	FAIR
65	LITU	24	FAIR
66	LITU	18	FAIR
67	LITU	22	FAIR
68	ACRU	22	POOR
69	LITU	21	FAIR
70	LITU	28	FAIR
71	LITU	21	FAIR
72	PITA	24	FAIR
73	PITA	20	FAIR
74	PITA	22	FAIR
75	LITU	26	FAIR
76	QUFA	26	FAIR
77	QUAL	25	FAIR
78	QUFA	28	FAIR
79	QUAL	20	FAIR
80	QUAL	30	FAIR
81	QURU	19	FAIR
82	QUAL	24	FAIR
83	QURU	20	FAIR
84	LITU	26	FAIR
85	QURU	19	FAIR
86	QUAL	32	FAIR
87	QUAL	18	FAIR
88	QUAL	24	FAIR
89	QUAL	33	FAIR
90	QUAL	22	FAIR
91	QUAL	24	FAIR
92	PITA	24	FAIR
93	PITA	25	FAIR
94	PITA	25	FAIR
95	PITA	31	FAIR
96	PITA	25	FAIR
97	PITA	24	FAIR
98	LIST	19	FAIR
99	ULAL	18	FAIR
100	LITU	21	FAIR
101	PITA	24	FAIR

TREE CODE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
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	LITU	22	FAIR
158	LIST	19	FAIR
159	LIST	19	FAIR
160	LIST	21	FAIR
161	ACRU	25	FAIR
162	ACRU	20	FAIR
163	PITA	20	FAIR
164	PITA	20	FAIR
165	ACRU	25	GOOD
166	LITU	20	GOOD
167	PITA	20	GOOD
168	PITA	22	FAIR
169	PITA	24	FAIR
170	QURU	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

TREE CODE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
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	LIST	32	FAIR
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	QUAL	22	GOOD
241	LITU	22	GOOD
242	PLAC1	19	GOOD
243	LITU	18	FAIR
244	LITU	18	GOOD
245	QURU	19	GOOD
246	QURU	24	FAIR
247	QUAL	18	GOOD
248	QUAL	25	POOR
249	QUAL	23	POOR
250	QURU	21	GOOD
251	QURU	19	FAIR
252	ACRU	18	POOR
253	ULAM	35	POOR
254	QUAL	25	GOOD
255	ACRU	28	FAIR
256	QUNI	18	FAIR
257	ACRU	18	GOOD
258	LITU	19	GOOD
259	PLOC	38	GOOD
260	LITU	30	GOOD
261	LITU	21	GOOD
262	LITU	24	FAIR
263	LITU	31	POOR
264	LITU	42	FAIR
265	LITU	24	GOOD
266	LITU	28	GOOD
267	LITU	31	FAIR
268	QUAL	33	POOR
269	QURU	24	FAIR
270	QUAL	24	GOOD
271	QURU	31	FAIR
272	PITA	27	FAIR
273	QUAL	38	FAIR
274	QUAL	40	FAIR
275	LITU	20	FAIR
276	LITU	21	FAIR
277	LITU	24	FAIR
278	PITA	23	DEAD
279	ACRU	24	DEAD
280	LITU	26	FAIR
281	PLOC	28	POOR
282	LITU	28	FAIR
283	PITA	23	FAIR
284	PITA	24	DEAD
285	PITA	24	FAIR
286	PLOC	24	FAIR
287	LITU	25	DEAD
288	LITU	22	FAIR
289	LITU	16	POOR
290	LIST	24	FAIR
291	LIST	18	FAIR
292	LITU	28	FAIR
293	QUAL	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

TREE CODE	BOTANICAL NAME	CALIPER INCHES	CONDITION OVERALL
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
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	ACRU	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
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361	LIST	18	FAIR
362	QUNI	26	FAIR
363	ILOP	18	FAIR
364	LIST		



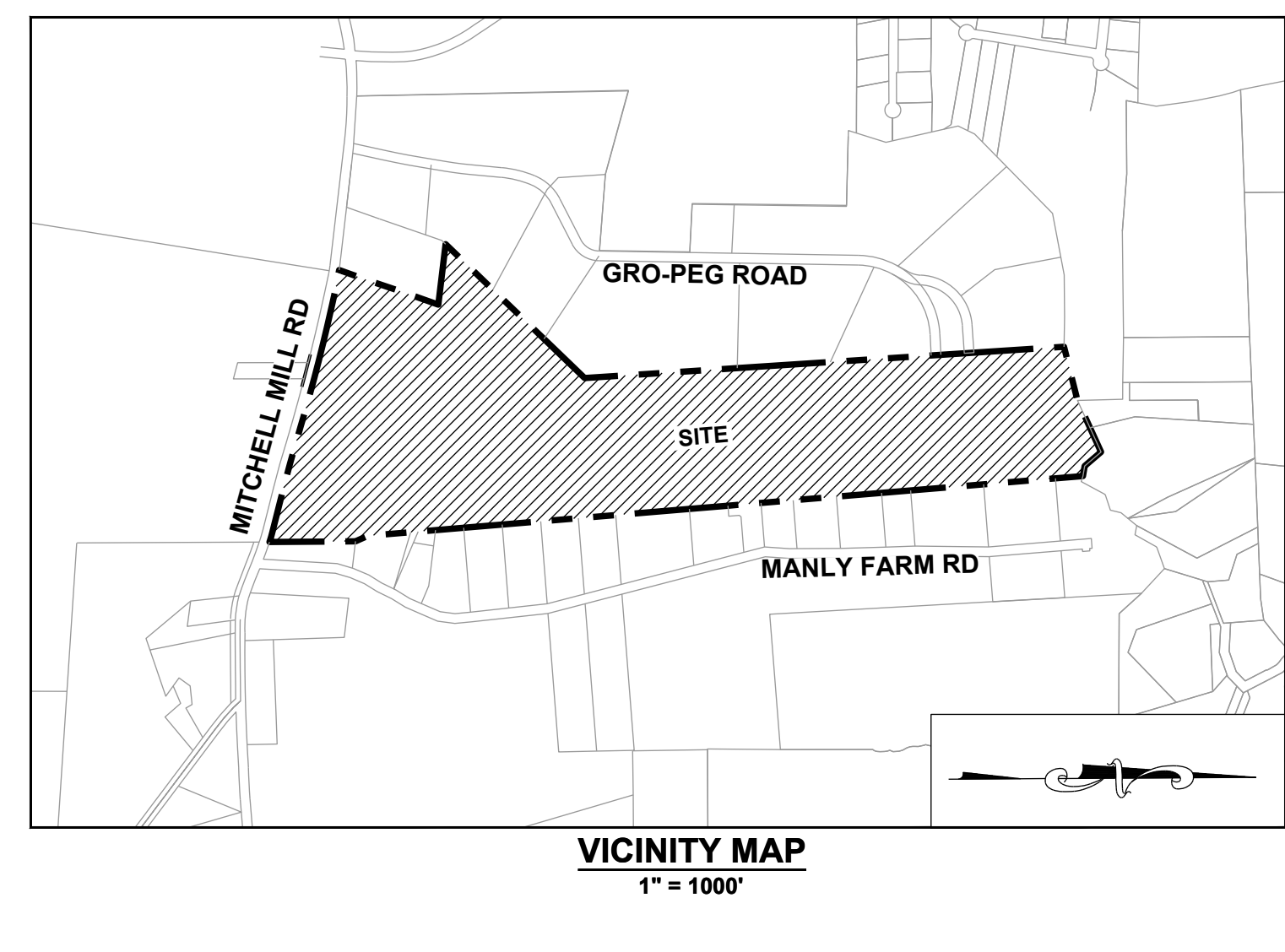
NO.	REVISIONS	DATE	BY
01			
02			

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

ADJOINER INFORMATION	
1	MILLS, JOSEPHUS DANIELS PIN: 175785243 DB: 2494 PG: 585 ZONING: R-30 (WC) USE: SF
2	JONES, CHARLES SPENCER JONES, SHARON PIN: 1757856303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG
3	JONES, CHARLES, ET AL PIN: 1757856303 DB: 13359 PG: 400 ZONING: R-30 (WC) USE: AG
4	JONES PROPERTIES LLC PIN: 1757856755 DB: 12995 PG: 505 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: SF
5	JONES, CHARLES SPENCER PIN: 175785937 DB: 9320 PG: 1460 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: SF
6	ANDERSON, BOBBY G PIN: 1757868104 DB: 8776 PG: 573 BM: 1993 PG: 446 ZONING: R-30 (WC) USE: MO
7	HERNADEZ, JUANITA PIN: 1757866385 DB: 19332 PG: 1906 BM: 1990 PG: 132 ZONING: R-30 (WC) USE: MO
8	GOLD, SHARIE PIN: 1757866660 DB: PG: BM: 1990 PG: 00623 ZONING: R-30 (WC) USE: SF
9	LEFRANCOIS CONSTRUCTION CO INC PIN: 1757866852 DB: 18468 PG: 2535 BM: 2002 PG: 352 ZONING: R-30 (WC) USE: VA
10	LEFRANCOIS, MICHAEL L LEFRANCOIS, TONIA PIN: 1757876015 DB: 14356 PG: 1438 BM: 2002 PG: 352 ZONING: R-30 (WC) USE: SF
11	BEATTIE, LENORA M PIN: 1757875349 DB: 07-E PG: 2834 ZONING: R-30 (WC) USE: SF
12	LEFRANCOIS, STEPHEN D PIN: 1757874787 DB: 5638 PG: 497 ZONING: R-30 (WC) USE: SF

ADJOINER INFORMATION	
13	ADAMS, BENJAMIN ADAMS, WHITNEY PIN: 1757874938 DB: 18590 PG: 1511 BM: 2006 PG: 2397 ZONING: R-30 (WC) USE: SF
14	JONES PROPERTIES LLC PIN: 1757884137 DB: 11404 PG: 2275 BM: 1986 PG: 01374 ZONING: R-30 (WC) USE: MO
15	JONES PROPERTIES LLC PIN: 1757884420 DB: 12589 PG: 1045 BM: 1986 PG: 1374 ZONING: R-30 (WC) USE: MO
16	JONES, CHARLES SPENCE PIN: 1757884608 DB: 5319 PG: 135 BM: 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
17	JONES, CHARLES SPENCE PIN: 1757885061 DB: 5319 PG: 135 BM: 1994 PG: 1952 ZONING: R-30 (WC) USE: SF
18	JONES, CHARLES SPENCE PIN: 1757884101 DB: 2590 PG: 622 ZONING: R-30 (WC) USE: SF
19	JONES, CHARLES SPENCE PIN: 1757893394 DB: 2478 PG: 210 ZONING: R-30 (WC) USE: MO
20	RGA CONSULTING LLC PIN: 1757895646 DB: 15770 PG: 1169 BM: 2010 PG: 725 ZONING: R-30 (WC) USE: VA
21	JONES PROPERTIES LLC PIN: 1758805144 DB: 11187 PG: 542 BM: 1971 PG: 445 ZONING: R-30 (WC) USE: SF
22	DAVIS, WILLIAM C DAVIS, KAREN M PIN: 1758709579 DB: 3425 PG: 292 BM: 1985 PG: 208 ZONING: RL (RO) USE: SF
23	FORRESTER, JENNIFER N FORRESTER, HAYES G PIN: 1758707313 DB: 12620 PG: 2172 ZONING: RL (RO) USE: SF
24	JONES, CHARLES E PIN: 1757894902 DB: 8581 PG: 2079 BM: 2018 PG: 390 ZONING: RL (RO) USE: VA
25	CARLE, SCOTT CARLE, THERESA PIN: 1757790646 DB: 14893 PG: 2493 BM: 2008 PG: 2198 ZONING: R-30 (WC) USE: VA
26	CARLE, SCOTT CARLE, THERESA PIN: 1757791960 DB: 14893 PG: 2493 BM: 2009 PG: 645 ZONING: R-30 (WC) USE: VA
27	GRO PEG PROPERTIES LLC PIN: 1757884697 DB: 18359 PG: 1707 BM: 1986 PG: 394 ZONING: R-30 (WC) USE: VA
28	CARLE, SCOTT CARLE, THERESA PIN: 1757790258 DB: 14893 PG: 2493 BM: 2008 PG: 2198 ZONING: R-30 (WC) USE: SF
29	GRO PEG PROPERTIES LLC PIN: 1757771033 DB: 18359 PG: 1707 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
30	FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 175772106 DB: 19307 PG: 800 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
31	FERLITO, CHRISTOPHER J MORRIS, SARAH L PIN: 1757770001 DB: 19307 PG: 800 BM: 2023 PG: 333 ZONING: R-30 (WC) USE: VA
32	CARLE, SCOTT CARLE, THERESA PIN: 1757675786 DB: 14893 PG: 2493 BM: 1986 PG: 396 ZONING: R-30 (WC) USE: VA
33	HC ROLESVILLE INVESTMENTS LLC PIN: 1757571035 DB: 19571 PG: 1804 ZONING: R-30 (WC) USE: SF
34	GRO PEG PROPERTIES LLC PIN: 1757687830 DB: 19081 PG: 2786 BM: 2022 PG: 1203 ZONING: R-30 (WC) USE: VA
35	GRO PEG PROPERTIES LLC PIN: 1757687830 DB: 19081 PG: 2786 BM: 2022 PG: 1203 ZONING: R-30 (WC) USE: VA
36	VILLANUEVA, PHILIP SHELLEY VILLANUEVA, NADIA SULTA PIN: 1757685301 DB: 19104 PG: 1732 BM: 2022 PG: 1203 ZONING: R-30 (WC) USE: SF
37	MT CALVARY HOLINESS CHURCH OF WAKE CO INC PIN: 1757660324 DB: 10124 PG: 2778 BM: 2002 PG: 991 ZONING: R-30 (WC) USE: EX
38	UNDERHILL, G ARCHIE JR UNDERHILL, TERESSA C PIN: 1757653765 DB: 8443 PG: 2129 BM: 1999 PG: 1357 ZONING: R-30 (WC) USE: SF
39	PREDDY, GENADIUS MAC PREDDY, MATTIE F PIN: 1757656586 DB: 1882 PG: 342 ZONING: R-30 (WC) USE: S
40	CECIL L GOODNIGHT AND WIFE, JUDY J GOODNIGHT PIN: 1757656296 DB: 5344 PG: 619 ZONING: R-30 (WC) USE: SF
41	BETTY H PARTIN PIN: 1757653216 DB: 17435 PG: 1751 LOT 2 - BM: 1985 PG: 88 ZONING: R-30 (WC) USE: SF
42	PARTIN, BETTY H PIN: 1757654381 DB: 17435 PG: 1751 BM: 1985 PG: 88 ZONING: R-30 (WC) USE: SF
43	UTILITY THREE BUILDERS INC PIN: 1757646703 DB: 18226 PG: 2104 ZONING: R-30 (WC) USE: SF
44	WILLIE RAY SUTTON AND WIFE, PAMELA Z SUTTON PIN: 1757657280 DB: 2958 PG: 536 BM: 1981 PG: 895 ZONING: R-30 (WC) USE: VA
45	MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 ZONING: R-30 (WC) USE: SF
46	SOUTHVIEW INVESTMENT LLC PIN: 1757738451 DB: 19248 PG: 2000 ZONING: R-30 (WC) USE: SF
47	MITCHELL MILL ROAD INVESTORS PIN: 1757738451 DB: 11505 PG: 2324 BM: 1990 PG: 511 ZONING: R-30 (WC) USE: SF
48	JONES, CHARLES SPENCER PIN: 1757944104 DB: 16822 PG: 904 BM: 2016 PG: 1736 ZONING: R-30 (WC) USE: AG

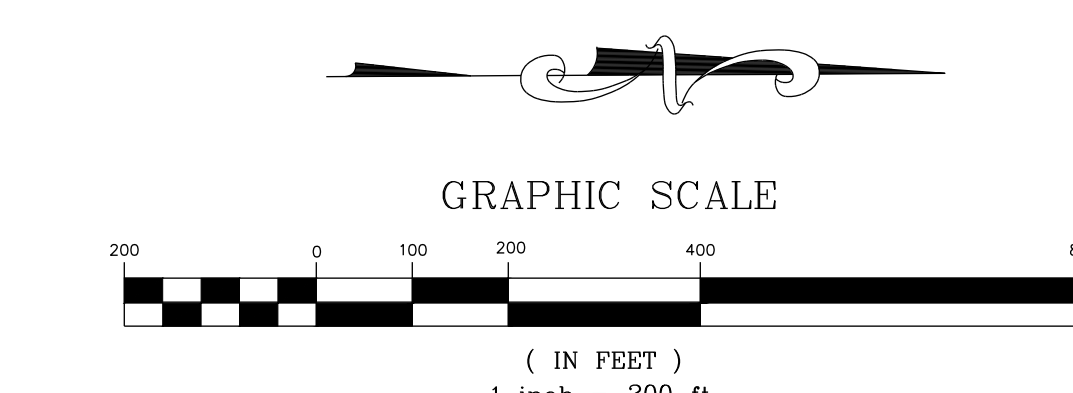


DEMOLITION KEYNOTES:

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

LEGEND:

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



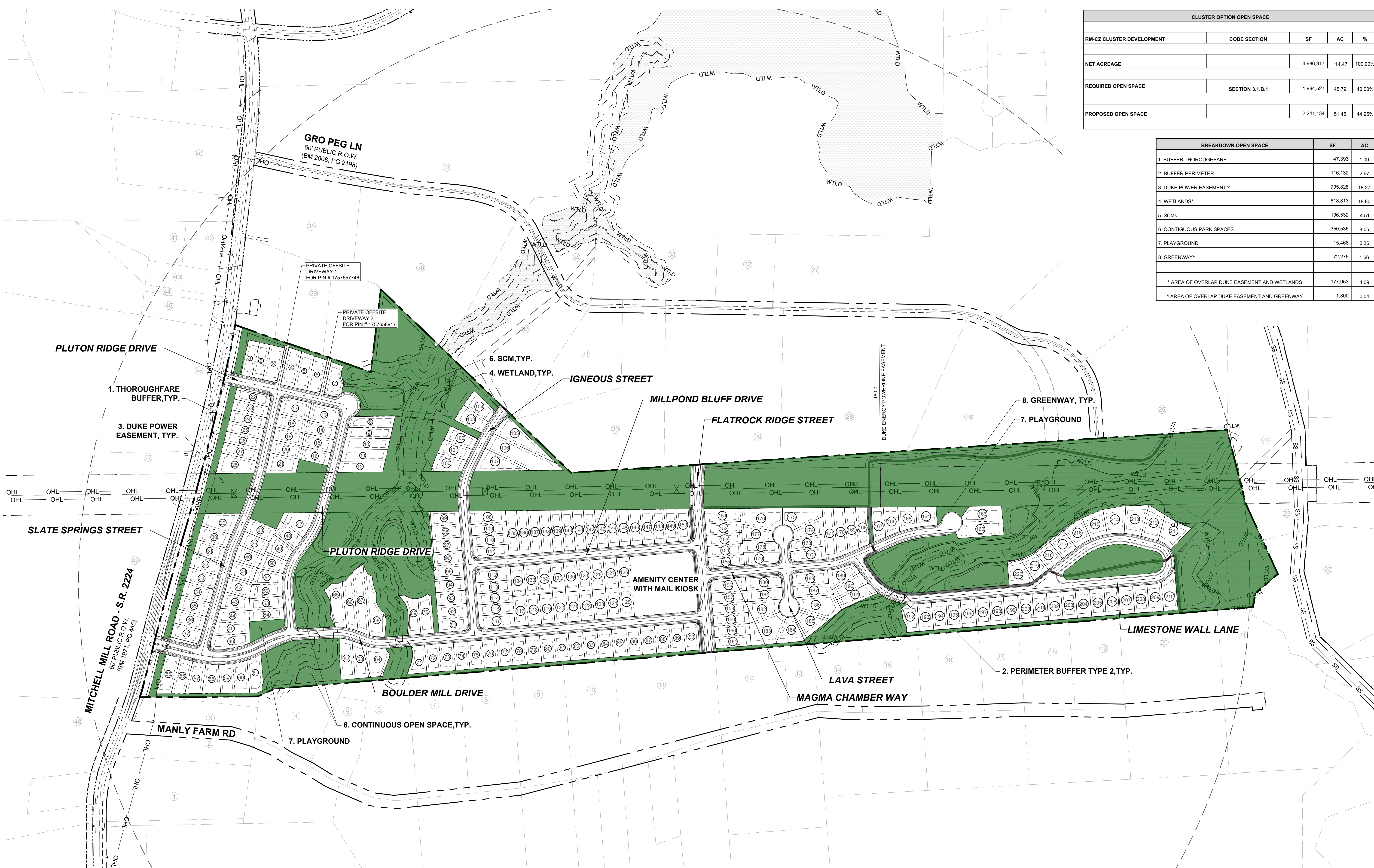
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

CONSTRUCTION PLANS
DEMOLITION PLAN

DRAWING SHEET
C-4.0

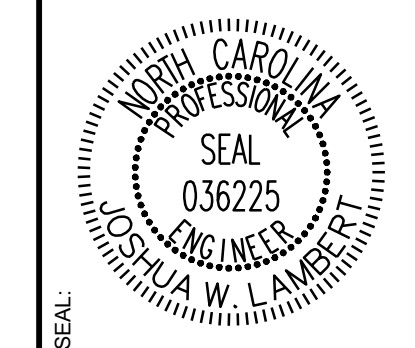
17 OF 129



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

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

REVISIONS		DATE	BY
01			
02			



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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	DRAWN BY	CHECKED BY
			JWL	SRG	JWL

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

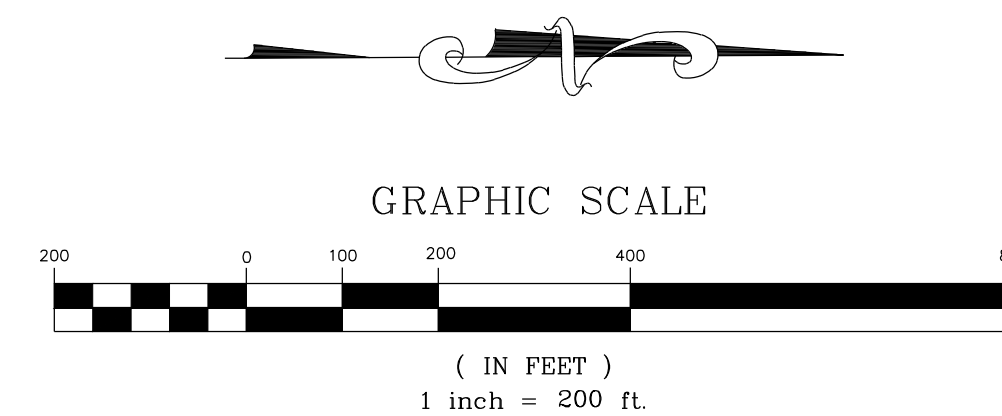
DRAWING SHEET
C-5.0

LEGEND:

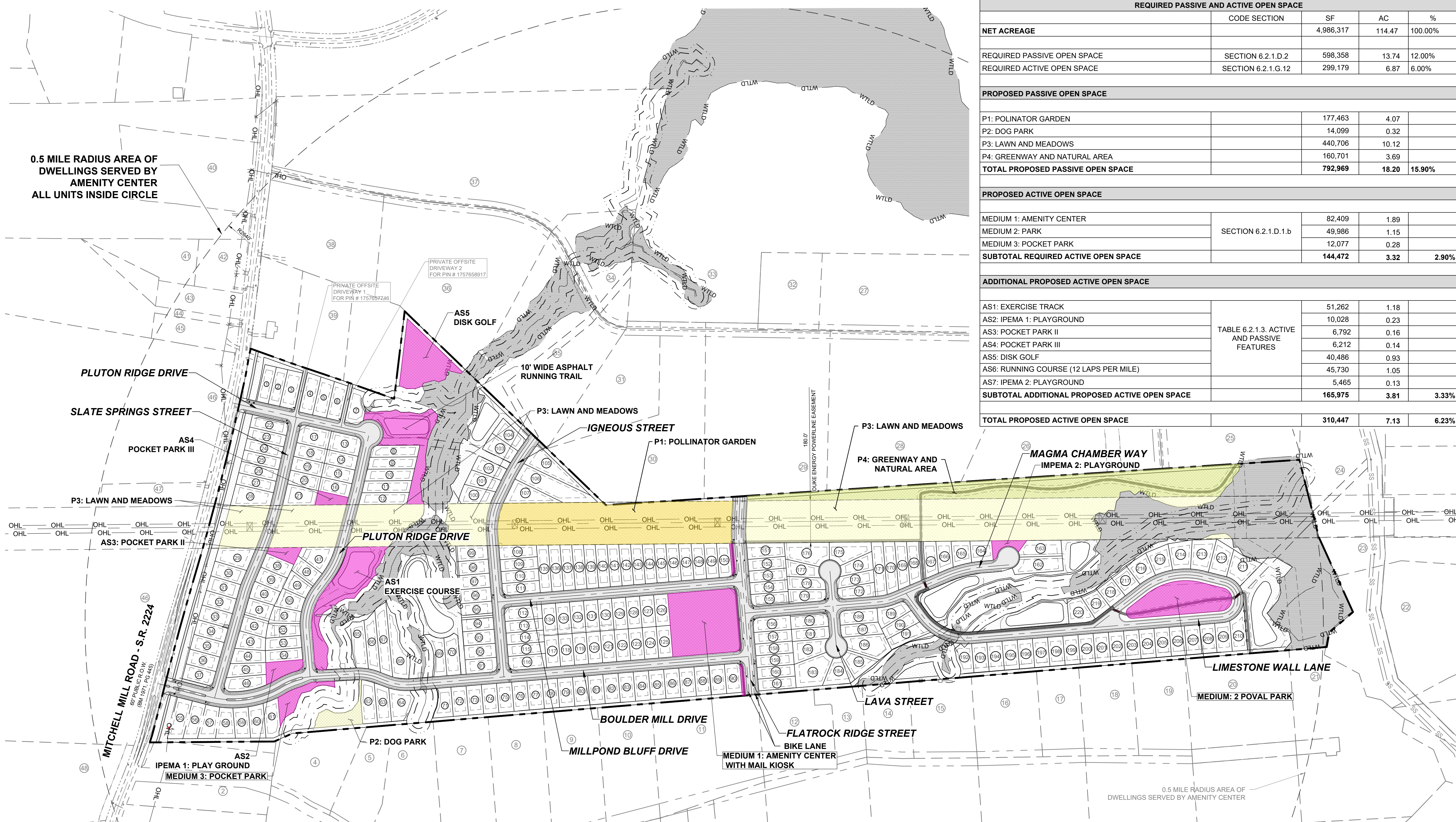
	EXISTING PROPERTY LINE
	ROADWAY CENTER LINE
	PROPOSED PROPERTY LINE
	ROLESVILLE STANDARD VALLEY CURB
	OPEN SPACE

NOTES:

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



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REQUIRED PASSIVE AND ACTIVE OPEN SPACE				
	CODE SECTION	SF	AC	%
NET ACREAGE		4,986,317	114.47	100.00%
REQUIRED PASSIVE OPEN SPACE	SECTION 6.2.1.D.2	598,358	13.74	12.00%
REQUIRED ACTIVE OPEN SPACE	SECTION 6.2.1.G.12	299,179	6.87	6.00%
PROPOSED PASSIVE OPEN SPACE				
P1: POLINATOR GARDEN		177,463	4.07	
P2: DOG PARK		14,099	0.32	
P3: LAWN AND MEADOWS		440,706	10.12	
P4: GREENWAY AND NATURAL AREA		160,701	3.69	
TOTAL PROPOSED PASSIVE OPEN SPACE		792,969	18.20	15.90%
PROPOSED ACTIVE OPEN SPACE				
MEDIUM 1: AMENITY CENTER	SECTION 6.2.1.D.1.b	82,409	1.89	
MEDIUM 2: PARK		49,986	1.15	
MEDIUM 3: POCKET PARK		12,077	0.28	
SUBTOTAL REQUIRED ACTIVE OPEN SPACE		144,472	3.32	2.90%
ADDITIONAL PROPOSED ACTIVE OPEN SPACE				
AS1: EXERCISE TRACK	TABLE 6.2.1.3. ACTIVE AND PASSIVE FEATURES	51,262	1.18	
AS2: IPEMA 1: PLAYGROUND		10,028	0.23	
AS3: POCKET PARK II		6,792	0.16	
AS4: POCKET PARK III		6,212	0.14	
AS5: DISK GOLF		40,486	0.93	
AS6: RUNNING COURSE (12 LAPS PER MILE)		45,730	1.05	
AS7: IPEMA 2: PLAYGROUND		5,465	0.13	
SUBTOTAL ADDITIONAL PROPOSED ACTIVE OPEN SPACE		165,975	3.81	3.33%
TOTAL PROPOSED ACTIVE OPEN SPACE		310,447	7.13	6.23%

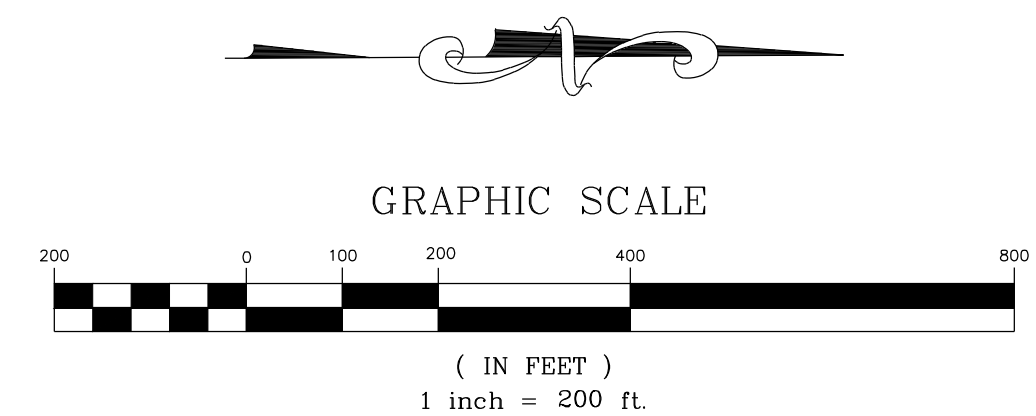
0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER ALL UNITS INSIDE CIRCLE

0.5 MILE RADIUS AREA OF DWELLINGS SERVED BY AMENITY CENTER

LEGEND:

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

NOTES:
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS



NO.	REVISIONS	DATE	BY
01			
02			

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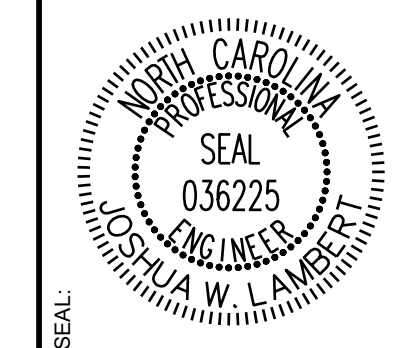
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PASSIVE & ACTIVE OPEN SPACE REQUIREMENTS

DRAWING SHEET
C-5.1

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NO.	REVISIONS	DATE	BY
01			
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STRONGROCK

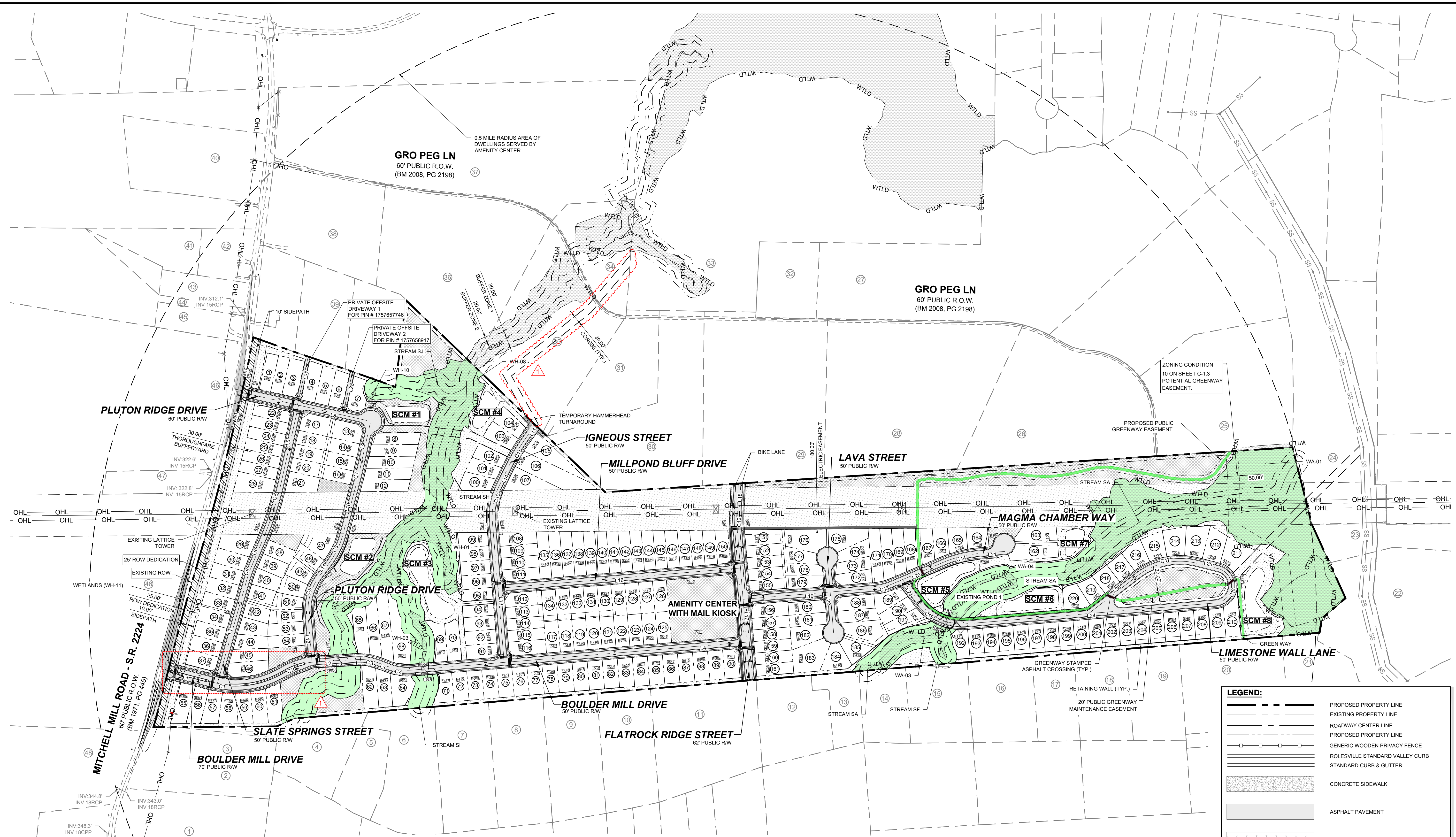
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STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY

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

DRAWING SHEET
C-6.0



NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L1	BOULDER MILL DRIVE	227.78	N14°23'07"E	10+00.00	12+27.78
L2	BOULDER MILL DRIVE	171.29	N3°15'35"W	16+95.83	18+67.11
L3	BOULDER MILL DRIVE	46.26	N20°52'47"E	19+64.02	20+10.27
L4	BOULDER MILL DRIVE	1444.35	N4°46'37"W	21+13.27	35+57.62
L5	SLATE SPRINGS STREET	332.08	S77°23'14"E	10+00.02	13+32.09
L6	SLATE SPRINGS STREET	128.48	S67°13'00"E	15+98.36	17+26.84
L7	SLATE SPRINGS STREET	461.23	S74°09'09"E	17+87.37	22+48.59
L8	PLUTON RIDGE DRIVE	597.69	N12°36'47"E	10+00.00	15+97.69
L9	PLUTON RIDGE DRIVE	220.61	S77°23'13"E	15+97.69	18+18.30
L10	PLUTON RIDGE DRIVE	243.94	S75°06'21"E	18+58.12	21+02.06
L11	PLUTON RIDGE DRIVE	70.86	S53°18'23"E	22+35.22	23+06.08
L12	PLUTON RIDGE DRIVE	201.13	N85°13'23"E	24+87.04	26+88.16
L13	IGNEOUS STREET	605.78	S85°13'23"W	10+00.00	16+05.78
L14	IGNEOUS STREET	74.99	N63°56'33"W	17+67.23	18+42.21

NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L15	IGNEOUS STREET	62.35	N54°20'54"W	20+09.67	20+72.02
L16	MILLPOND BLUFF DRIVE	1047.13	N4°46'37"W	10+00.00	20+47.13
L17	FLATROCK RIDGE STREET	655.17	S85°13'23"W	10+00.00	16+55.17
L18	FLATROCK RIDGE STREET	121.47	N87°11'53"W	17+27.93	18+49.40
L19	MAGMA CHAMBER WAY	571.09	N4°46'37"W	10+00.00	15+71.09
L20	MAGMA CHAMBER WAY	240.36	N22°57'44"W	16+44.09	18+84.45
L21	MAGMA CHAMBER WAY	111.85	N4°46'37"W	20+43.15	21+54.99
L22	LAVA STREET	324.52	N85°13'23"E	10+00.00	13+24.52
L23	LIMESTONE WALL LANE	121.11	N53°33'15"E	10+00.00	11+21.11
L24	LIMESTONE WALL LANE	1074.38	N4°46'37"W	13+55.27	24+29.64
L25	LIMESTONE WALL LANE	94.19	S14°07'11"W	26+40.53	27+34.71
L26	LIMESTONE WALL LANE	265.67	S37°42'28"E	30+06.09	32+71.75
L27	PRIVATE OFF-SITE DRIVEWAY 1	213.11	N77°23'13"W	10+00.00	12+13.11
L28	PRIVATE OFF-SITE DRIVEWAY 2	191.35	N77°23'13"W	10+00.00	11+91.35

NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C1	BOULDER MILL DRIVE	400.00'	314.82	306.76	N8°08'49"W	12+27.78	15+42.60
C2	BOULDER MILL DRIVE	320.00'	153.22	151.76	N16°58'37"W	15+42.60	16+95.82
C3	BOULDER MILL DRIVE	230.00'	96.90	96.19	N8°48'36"E	18+67.11	19+64.01
C4	BOULDER MILL DRIVE	230.00'	102.99	102.13	N8°03'05"E	20+10.27	21+13.26
C5	SLATE SPRINGS STREET	1500.00'	266.27	265.92	S72°18'07"E	13+32.09	15+98.35
C6	SLATE SPRINGS STREET	500.00'	60.53	60.49	S70°41'05"E	17+26.84	17+87.36
C7	PLUTON RIDGE DRIVE	1000.00'	39.81	39.81	S76°14'47"E	18+18.30	18+58.11
C8	PLUTON RIDGE DRIVE	350.00'	133.16	132.36	S64°12'22"E	21+02.06	22+35.22
C9	PLUTON RIDGE DRIVE	250.00'	180.95	177.02	S74°02'30"E	23+06.08	24+87.03
C10	IGNEOUS STREET	300.00'	161.45	159.51	N79°21'35"W	16+05.78	17+67.22
C11	IGNEOUS STREET	1000.00'	167.45	167.26	N59°08'44"W	18+42.21	20+09.66
C12	FLATROCK RIDGE STREET	550.00'	72.75	72.70	S89°00'45"W	16+55.17	17+27.92
C13	MAGMA CHAMBER WAY	230.00'	73.00	72.69	N13°52'10"W	15+71.09	16+44.09
C14	MAGMA CHAMBER WAY	500.00'	158.70	158.03	N13°52'10"W	18+84.45	20+43.14

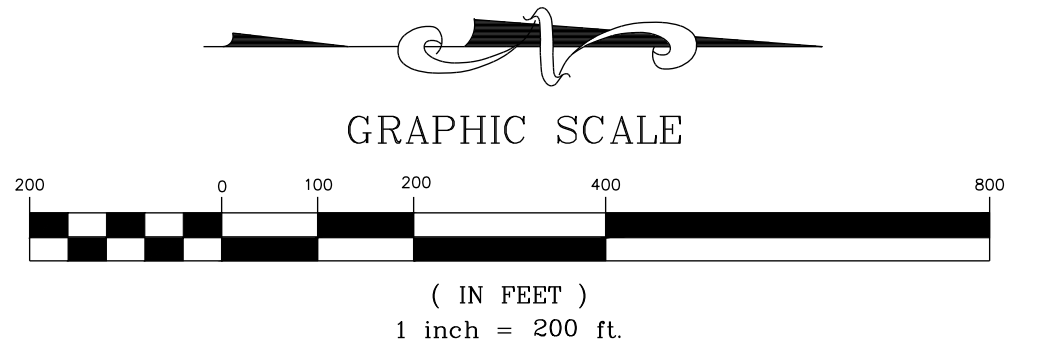
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C15	LIMESTONE WALL LANE	230.00'	234.16	224.17	N24°23'19"E	11+21.11	13+55.27
C16	LIMESTONE WALL LANE	75.00'	210.88	147.97	N85°19'43"W	24+29.64	26+40.53
C17	LIMESTONE WALL LANE	300.00'	271.37	262.21	S11°47'39"E	27+34.71	30+06.08

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

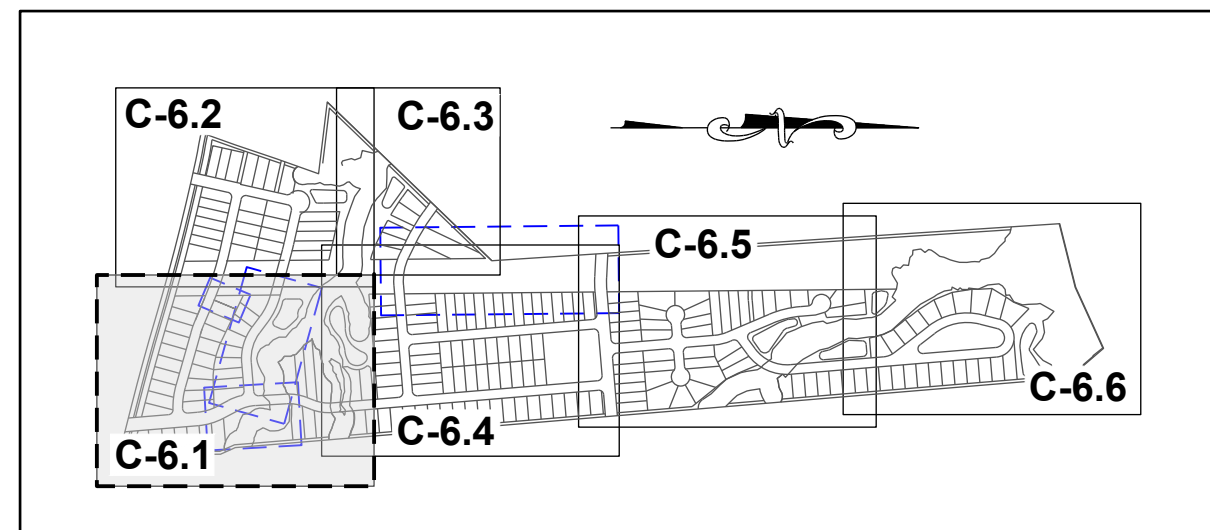
LOT SIZE MINIMUMS	LOT
A: 50' x 160'	68
B: 55' x 146'	16
C: 60' x 134'	56
D: 65' x 125'	52
E: 70' x 115'	15
F: 80' x 100'	14
TOTAL	220

LEGEND:

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



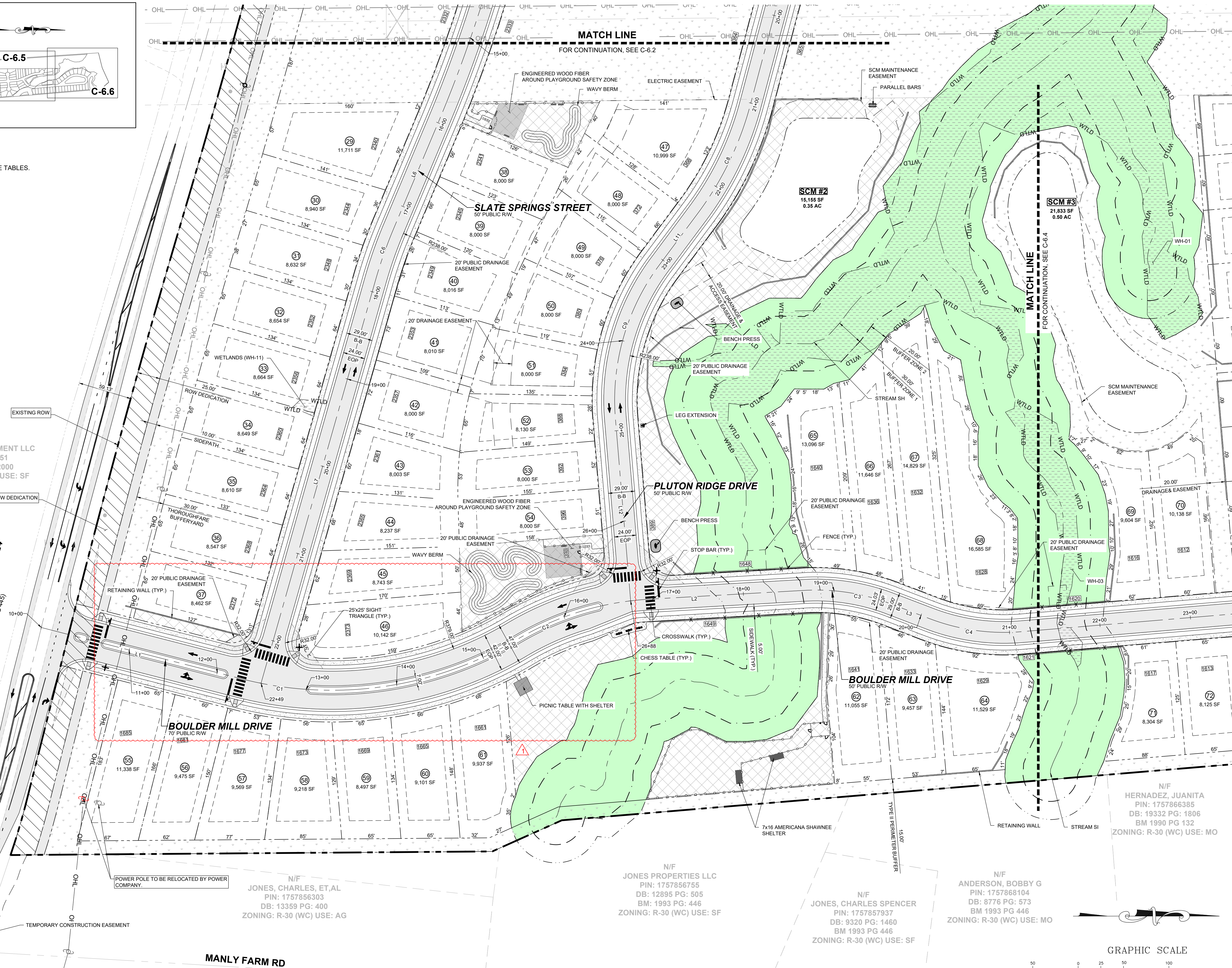
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SITE KEY PLAN

LEGEND:

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



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

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

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

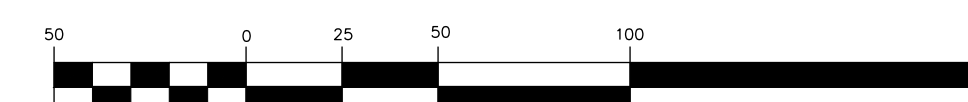
N/F JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

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

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

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

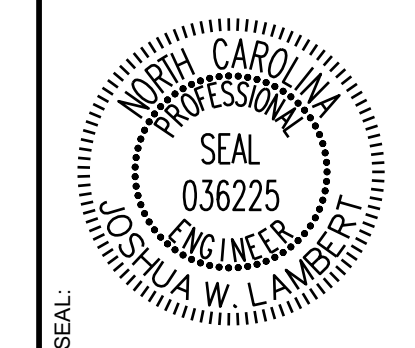
GRAPHIC SCALE



(IN FEET)
1 inch = 50 ft

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NO.	REVISIONS	DATE	BY
01			
02			



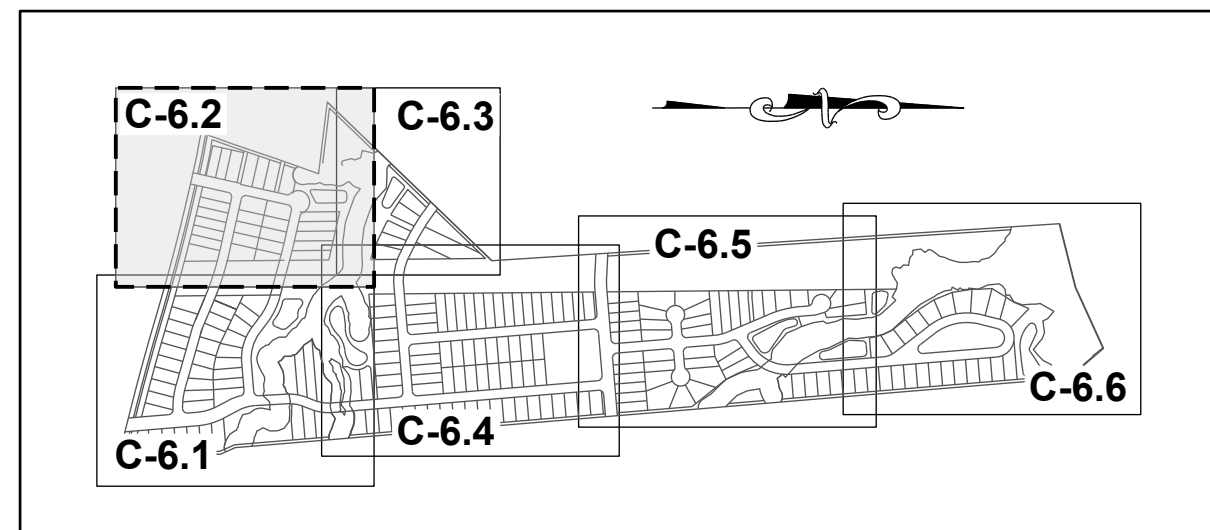
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL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

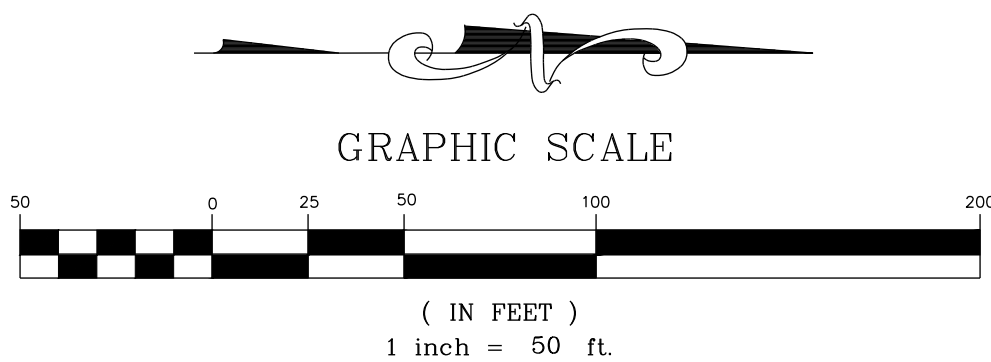
DRAWING SHEET
C-6.1



SITE KEY PLAN

LEGEND:

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



GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft.

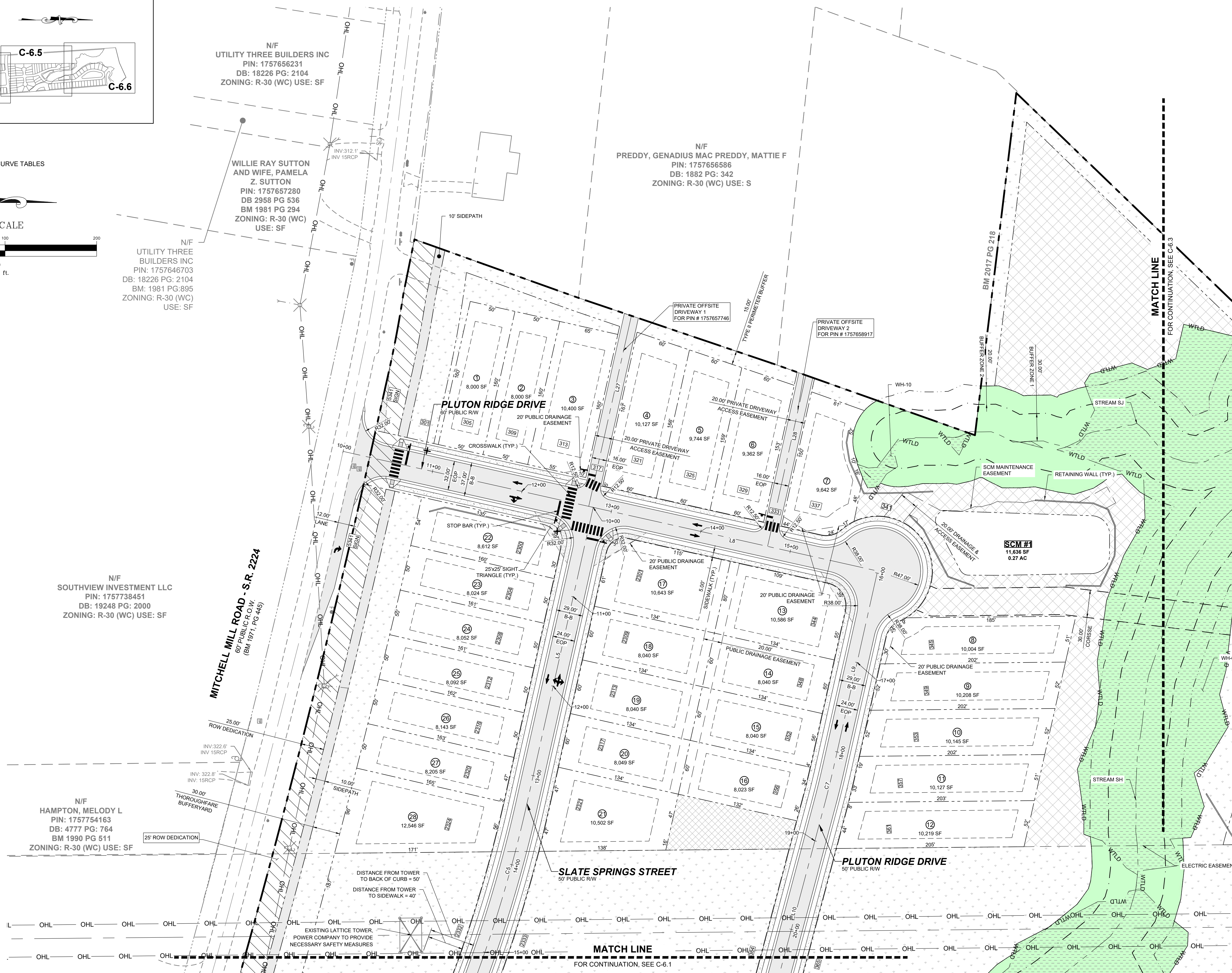
N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG: 895
ZONING: R-30 (WC)
USE: SF

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

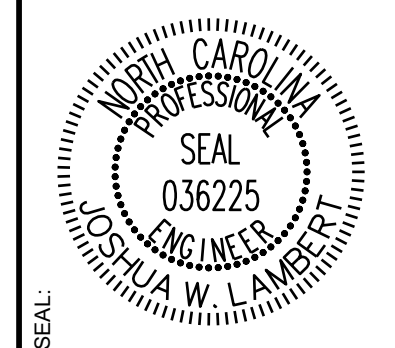
N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

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

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



11/01/2024	11/01/2024
TOWN OF ROLESVILLE CID-24-07	TOWN OF ROLESVILLE VZ-CID-24-07
02	02
NO.	NO.
REVISIONS	DATE
BY	BY



STRONGROCK
ENGINEERING GROUP

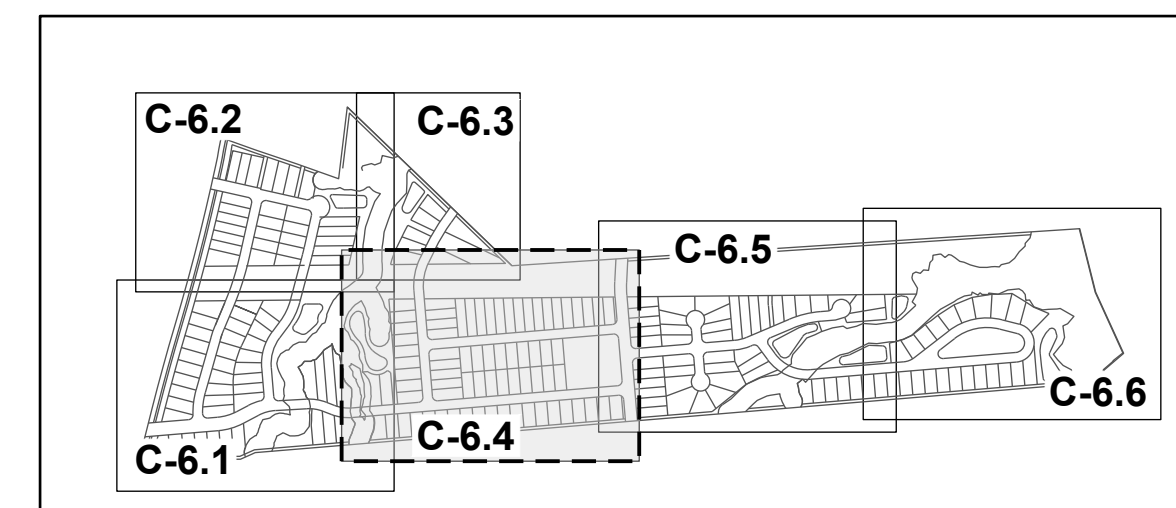
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

DRAWING SHEET
C-6.2

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SITE KEY PLAN

LEGEND:

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



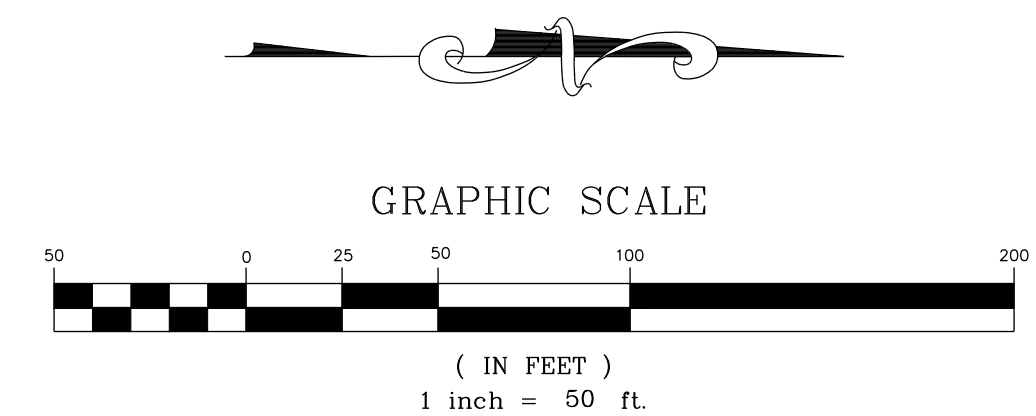
N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

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

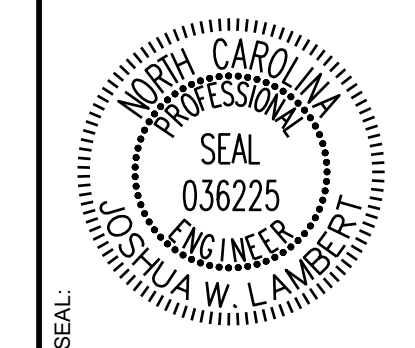
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

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



11/01/2024	11/01/2024
TOWN OF ROLESVILLE CID-24-07	TOWN OF ROLESVILLE VZ-CID-24-07
02	02
NO.	NO.
REVISIONS	REVISIONS
DATE	DATE
BY	BY



STRONGROCK
ENGINEERING GROUP

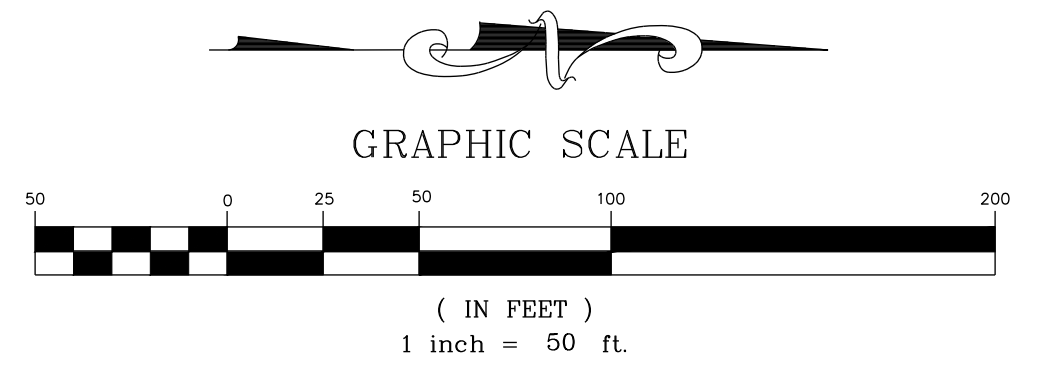
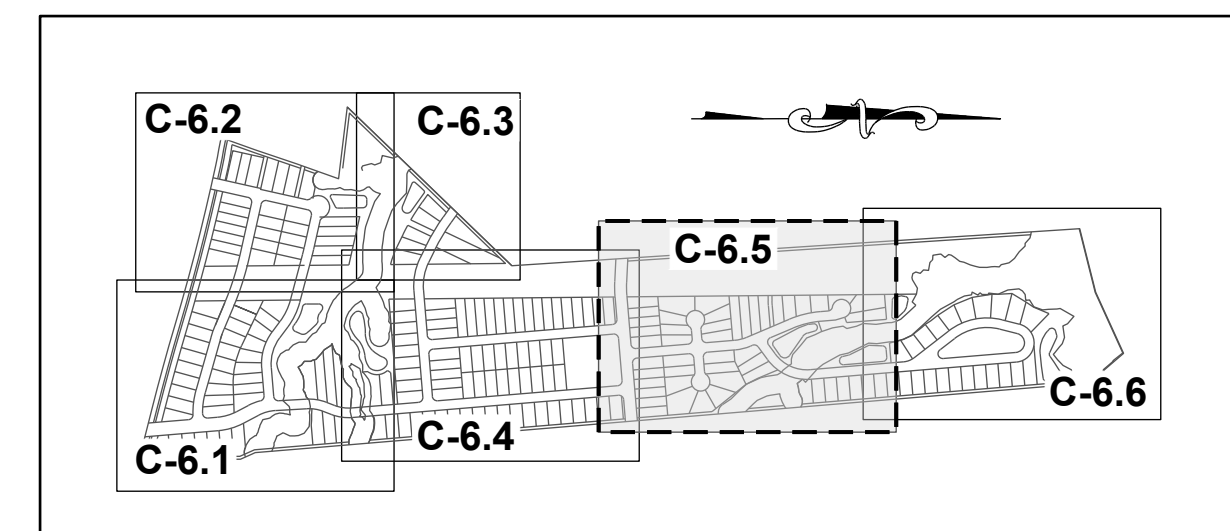
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

DRAWING SHEET
C-6.4

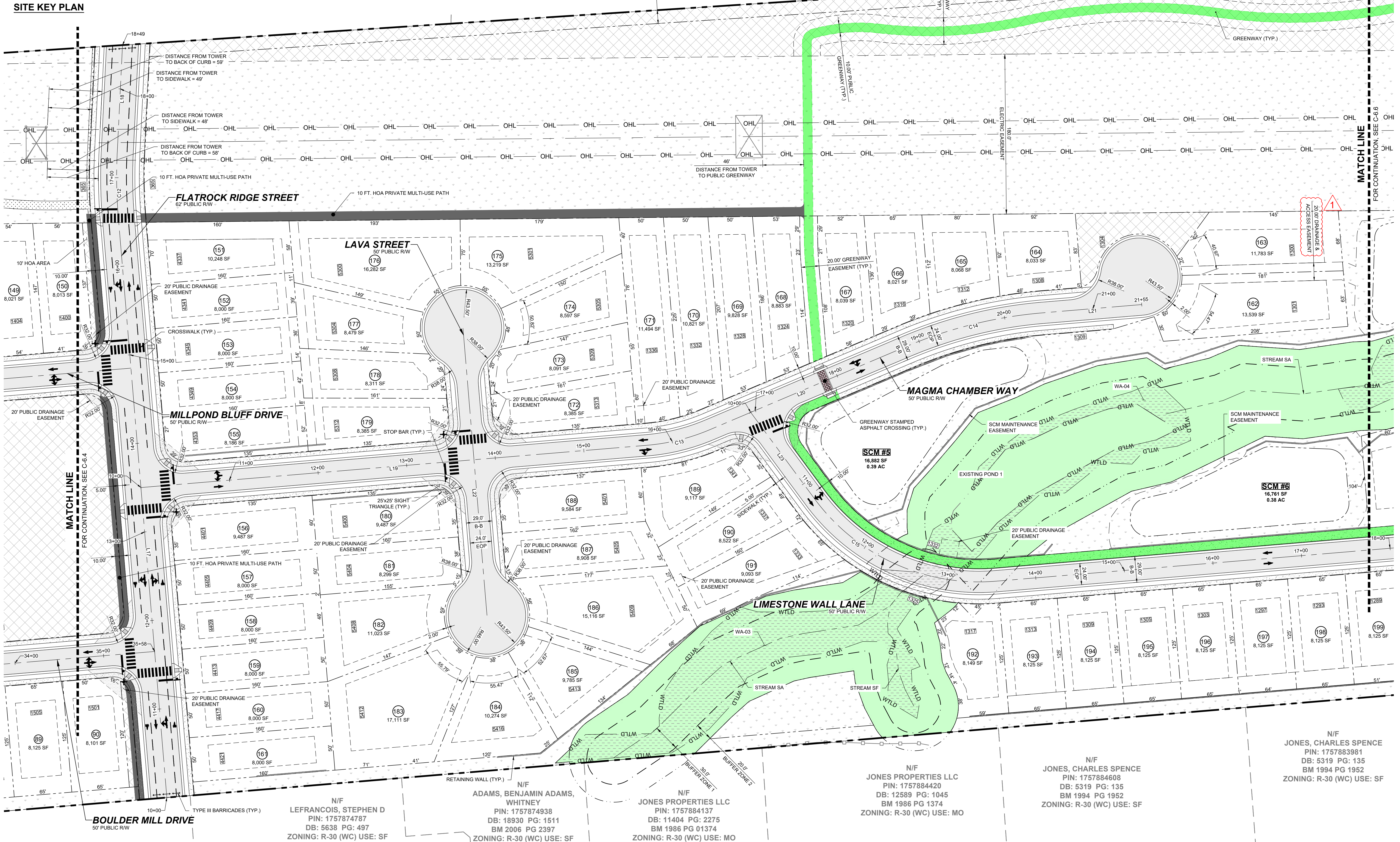
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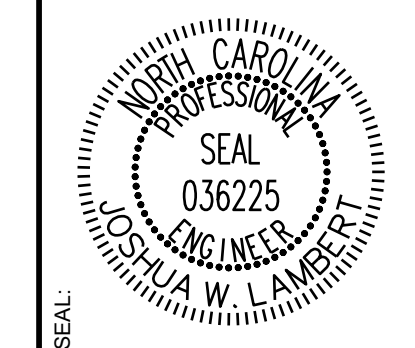
LEGEND: SEE SHEET C-6.0 FOR LEGEND, LINE AND CURVE TABLES

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

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



NO.	REVISIONS	DATE	BY
01			
02			



STRONGROCK
ENGINEERING GROUP

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

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

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

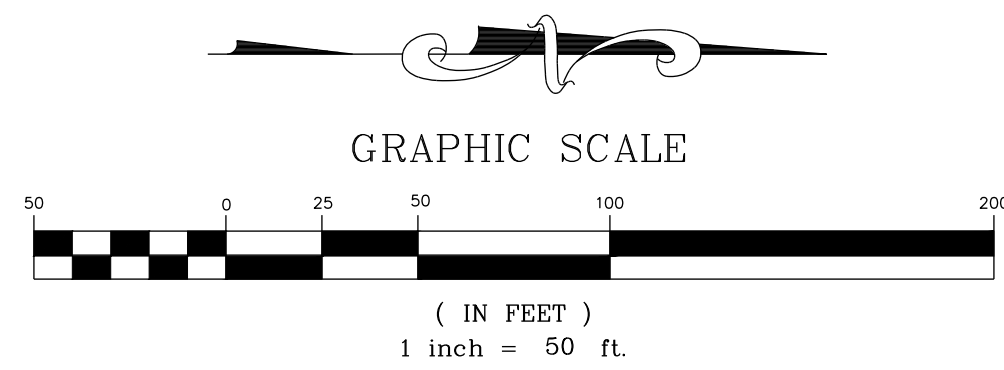
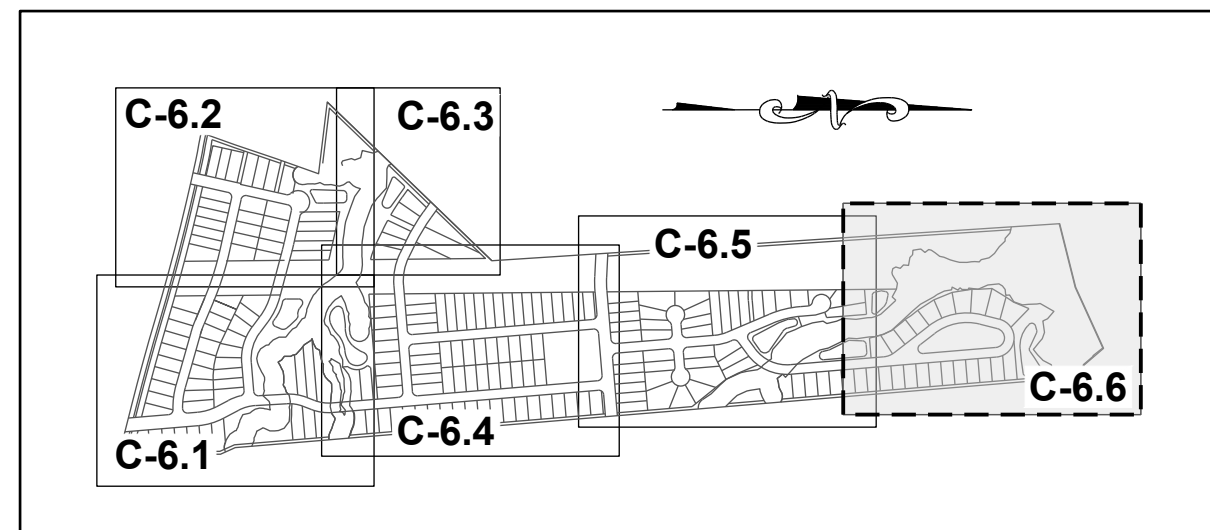
N/F JONES PROPERTIES LLC
PIN: 1757884420
DB: 12589 PG: 1045
BM 1986 PG 1374
ZONING: R-30 (WC) USE: MO

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

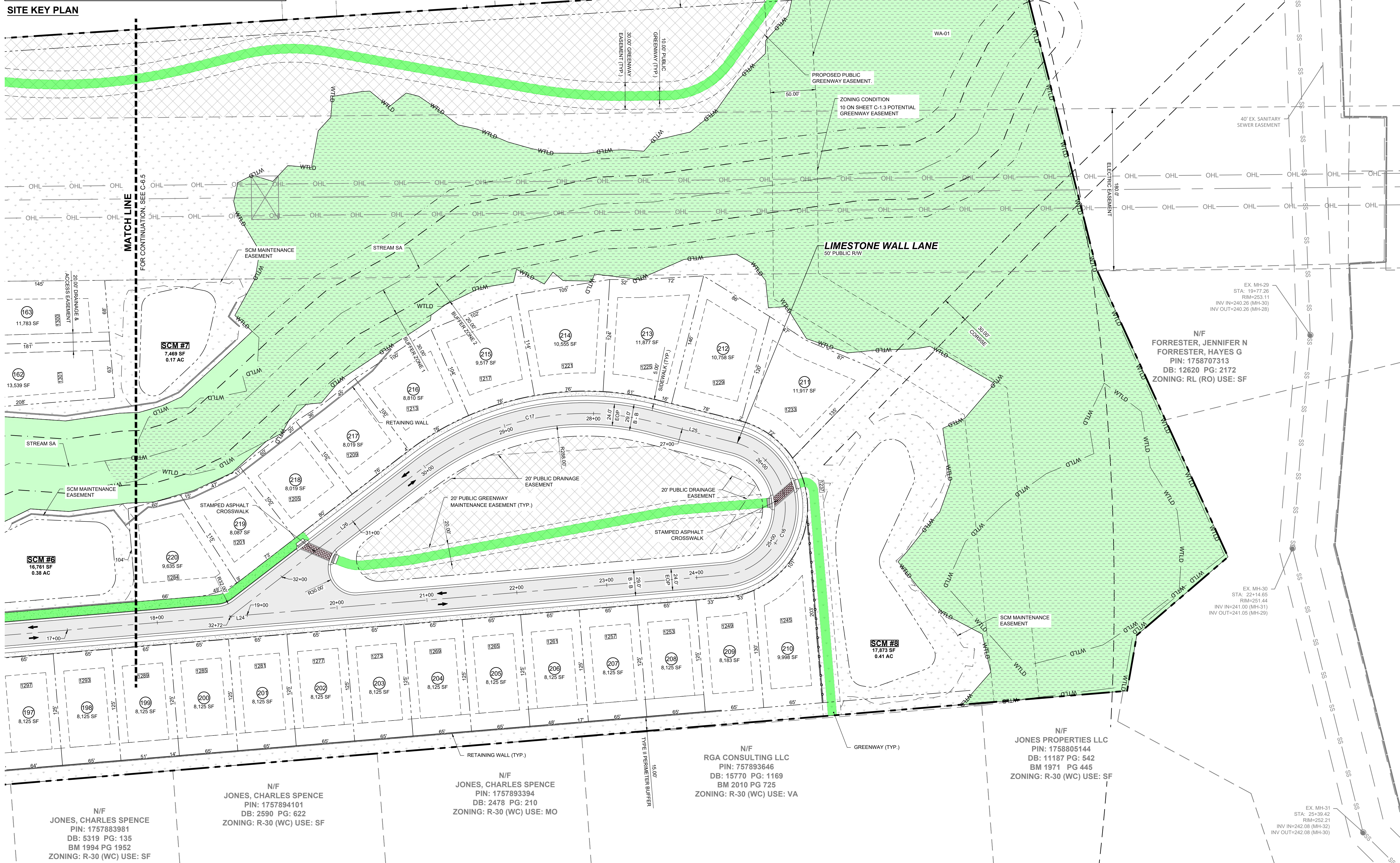
N/F JONES, CHARLES SPENCE
PIN: 1757883981
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

DRAWING SHEET
C-6.5

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



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

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

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

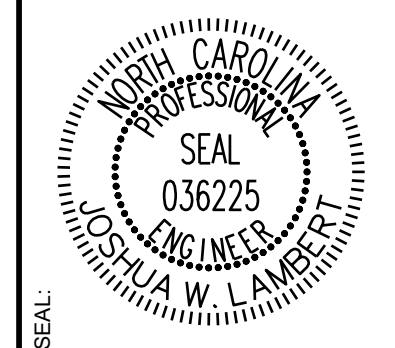
N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

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

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

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

NO.	REVISIONS	DATE	BY
01			
02			



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
CONSTRUCTION PLANS
PARTIAL SITE PLAN VI

DRAWING SHEET
C-6.6

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.

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
1	8000	50
2	8000	50
3	10400	65
4	10127	60
5	9744	60
6	9362	60
7	9642	85
8	10004	68
9	10208	52
10	10145	52
11	10127	52
12	10219	52
13	10586	79
14	8040	60
15	8040	60
16	8023	60
17	10643	80
18	8040	60
19	8040	60
20	8049	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
21	10502	91
22	8612	55
23	8024	50
24	8052	50
25	8092	50
26	8143	50
27	8205	50
28	12546	61
29	11711	98
30	8940	66
31	8632	64
32	8654	64
33	8664	64
34	8649	64
35	8610	64
36	8547	64
37	8462	65
38	8000	64
39	8000	66
40	8016	73

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
41	8010	73
42	8000	72
43	8003	74
44	8237	66
45	8743	61
46	10142	60
47	10999	114
48	8000	66
49	8000	65
50	8000	64
51	8000	55
52	8130	52
53	8000	52
54	8000	51
55	11338	65
56	9475	60
57	9569	62
58	9218	61
59	8497	65
60	9101	66

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
61	9937	68
62	11055	58
63	9457	66
64	11529	101
65	13096	59
66	11646	53
67	14829	56
68	16585	73
69	9604	59
70	10138	60
71	8304	57
72	8125	65
73	8125	65
74	8125	65
75	8125	65
76	8125	65
77	8125	65
78	8125	65
79	8125	65
80	8125	65

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
81	8125	65
82	8125	65
83	8125	65
84	8125	65
85	8125	65
86	8125	65
87	8125	65
88	8125	65
89	8125	65
90	8101	65
91	8040	60
92	8040	60
93	8040	60
94	8040	60
95	8040	60
96	8040	60
97	8040	60
98	8040	60
99	8395	59
100	9465	59

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
101	8285	57
102	8091	56
103	9234	61
104	9194	61
105	15838	95
106	23173	76
107	13117	105
108	8797	60
109	8145	51
110	8145	51
111	8170	52
112	9466	60
113	8000	50
114	8000	50
115	8000	50
116	9466	60
117	8100	60
118	8100	60
119	8100	60
120	8100	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
121	8100	60
122	8100	60
123	8100	60
124	8100	60
125	8100	60
126	8100	60
127	8100	60
128	8100	60
129	8100	60
130	8100	60
131	8100	60
132	8100	60
133	8100	60
134	8100	60
135	10067	50
136	9882	50
137	9697	50
138	9512	50
139	9327	50
140	9142	50

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
141	8957	50
142	8772	50
143	8587	50
144	8402	50
145	8218	50
146	8667	54
147	8436	54
148	8221	54
149	8021	54
150	8013	56
151	10248	68
152	8000	50
153	8000	50
154	8000	50
155	8186	52
156	9487	60
157	8000	50
158	8000	50
159	8000	50
160	8000	50

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
161	8000	50
162	13539	53
163	11783	53
164	8033	92
165	8068	81
166	8021	68
167	8039	58
168	8883	53
169	9828	53
170	10821	52
171	11494	50
172	8385	48
173	8091	57
174	8597	51
175	13219	78
176	16282	81
177	8479	52
178	8311	59
179	8385	48
180	9487	60

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
181	8299	56
182	11023	67
183	17111	56
184	10274	55
185	9785	53
186	15116	66
187	8908	56
188	9584	60
189	9117	55
190	8522	60
191	9093	62
192	8149	69
193	8125	65
194	8125	65
195	8125	65
196	8125	65
197	8125	65
198	8125	65
199	8125	65
200	8125	65

LOT SIZE TABLE		
LOT NUMBER	AREA (SF)	LOT FRONTAGE (LF)
201	8125	65
202	8125	65
203	8125	65
204	8125	65
205	8125	65
206	8125	65
207	8125	65
208	8125	65
209	8183	65
210	9998	81
211	11917	82
212	10758	80
213	11877	81
214	10555	81
215	9517	81
216	8810	81
217	8019	80
218	8019	80
219	8087	80
220	9635	105

REVISED	DATE	BY
11/01/2024		
02/03/2025		

NO.	REVISIONS
01	
02	



STRONGROCK

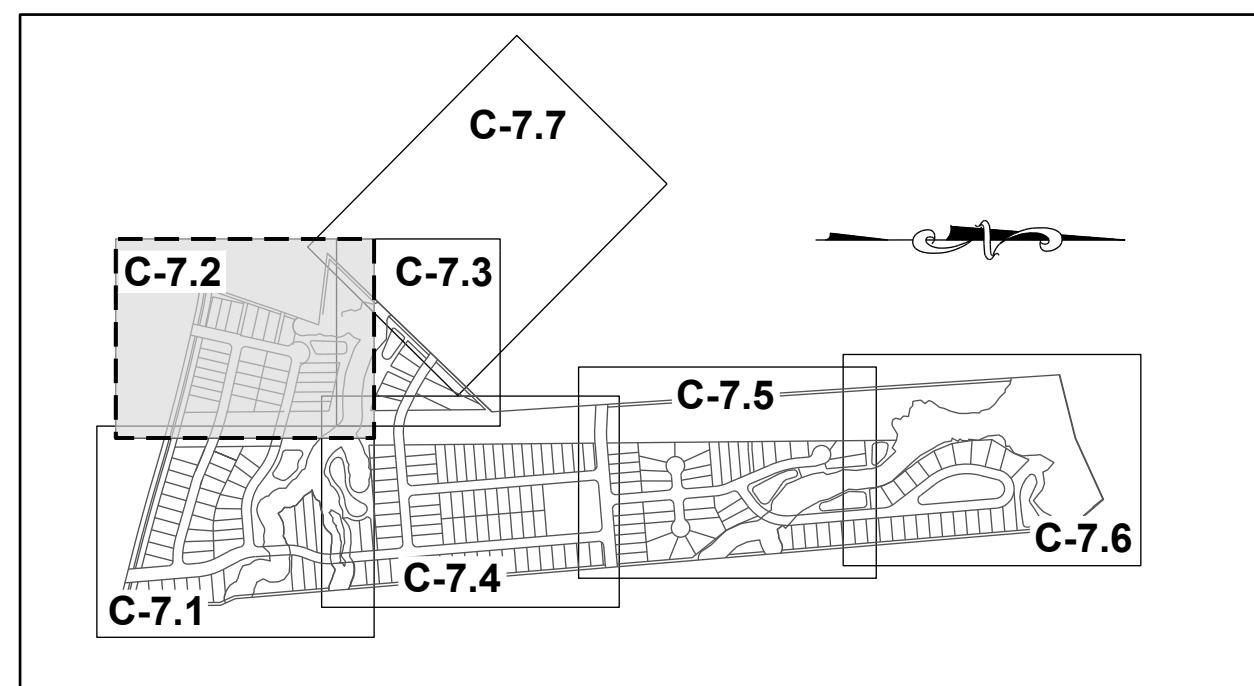
 ENGINEERING GROUP

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

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

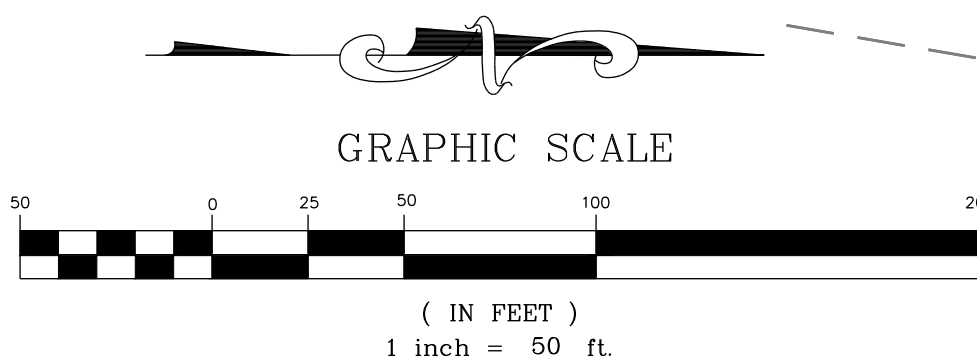
DRAWING SHEET
C-6.7



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



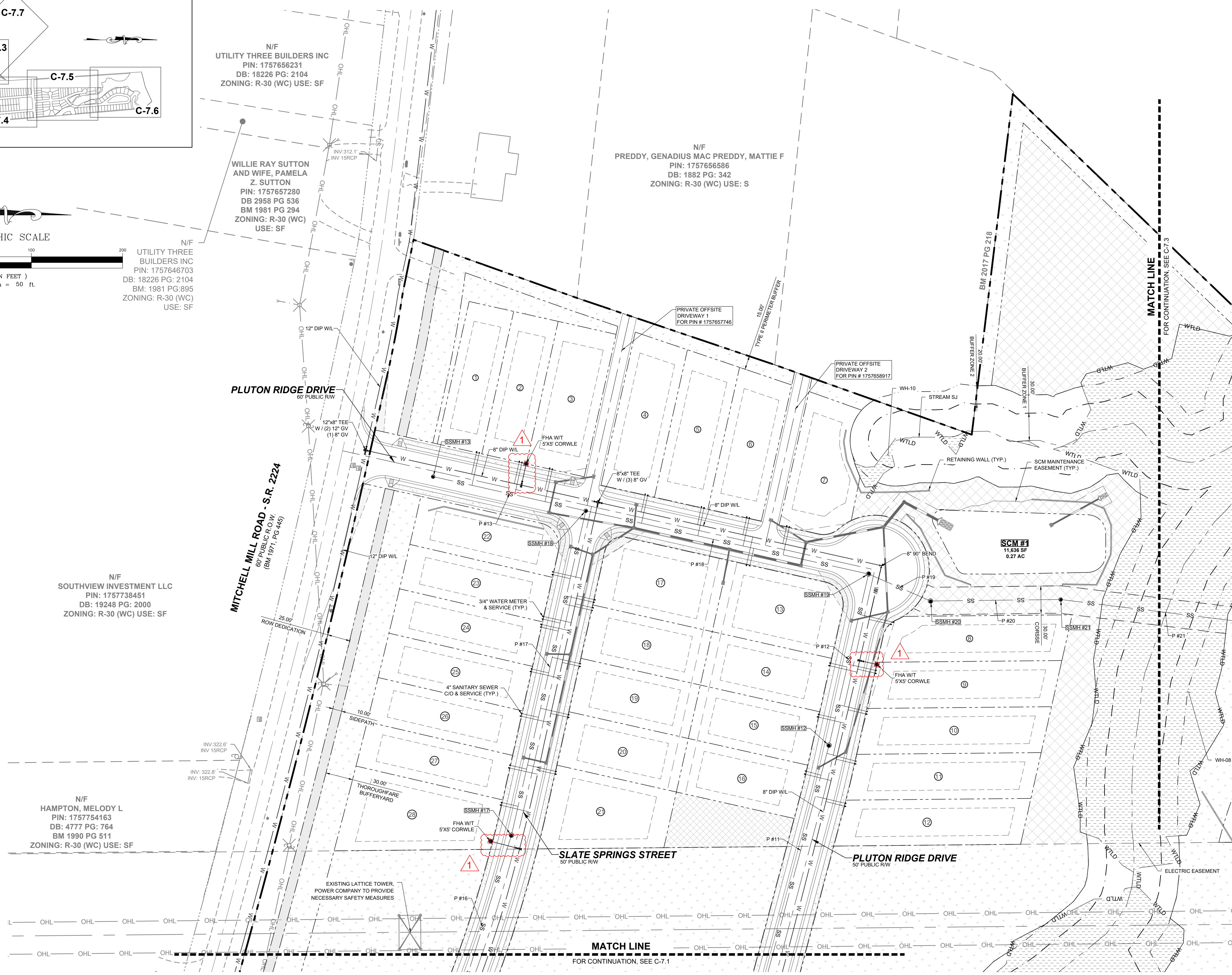
N/F
UTILITY THREE BUILDERS INC
PIN: 1757646703
DB: 18226 PG: 2104
BM: 1981 PG: 895
ZONING: R-30 (WC)
USE: SF

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

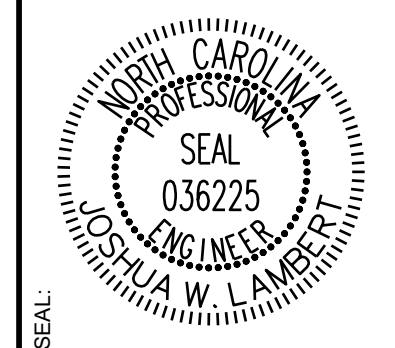
N/F
PREDDY, GENADIUS MAC PREDDY, MATTIE F
PIN: 1757656586
DB: 1882 PG: 342
ZONING: R-30 (WC) USE: S

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

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



NO.	REVISIONS	DATE	BY
01			
02			



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ENGINEERING GROUP

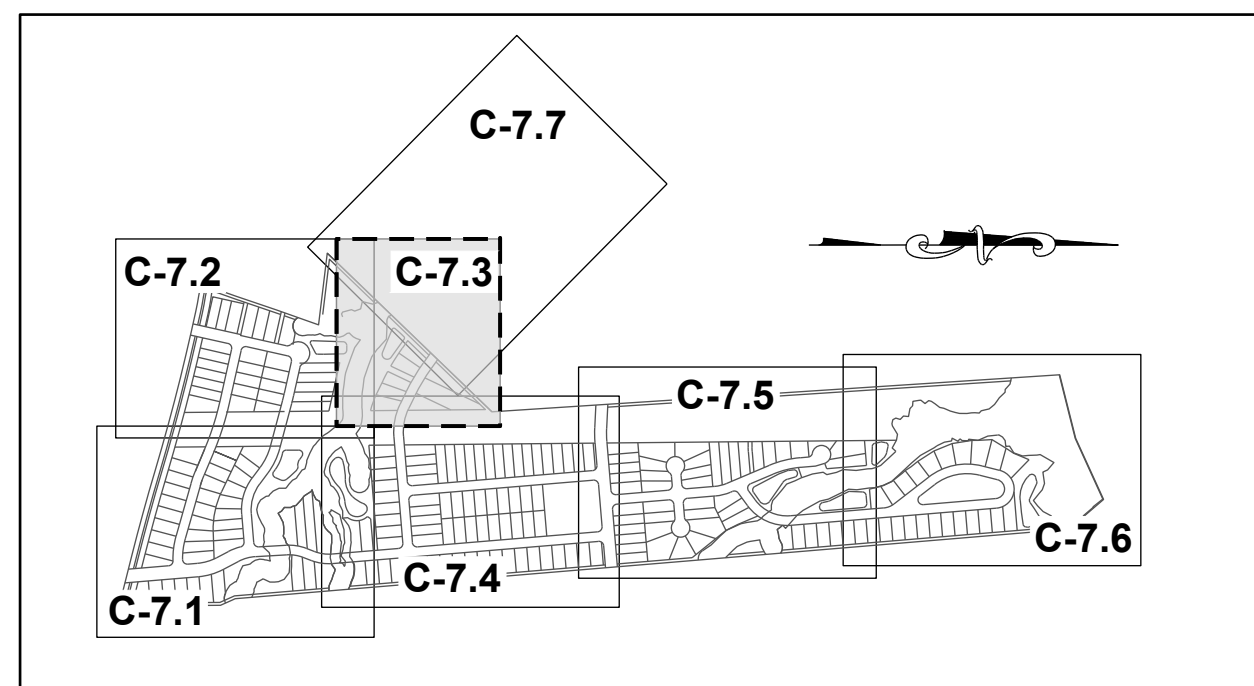
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

DRAWING SHEET
C-7.2

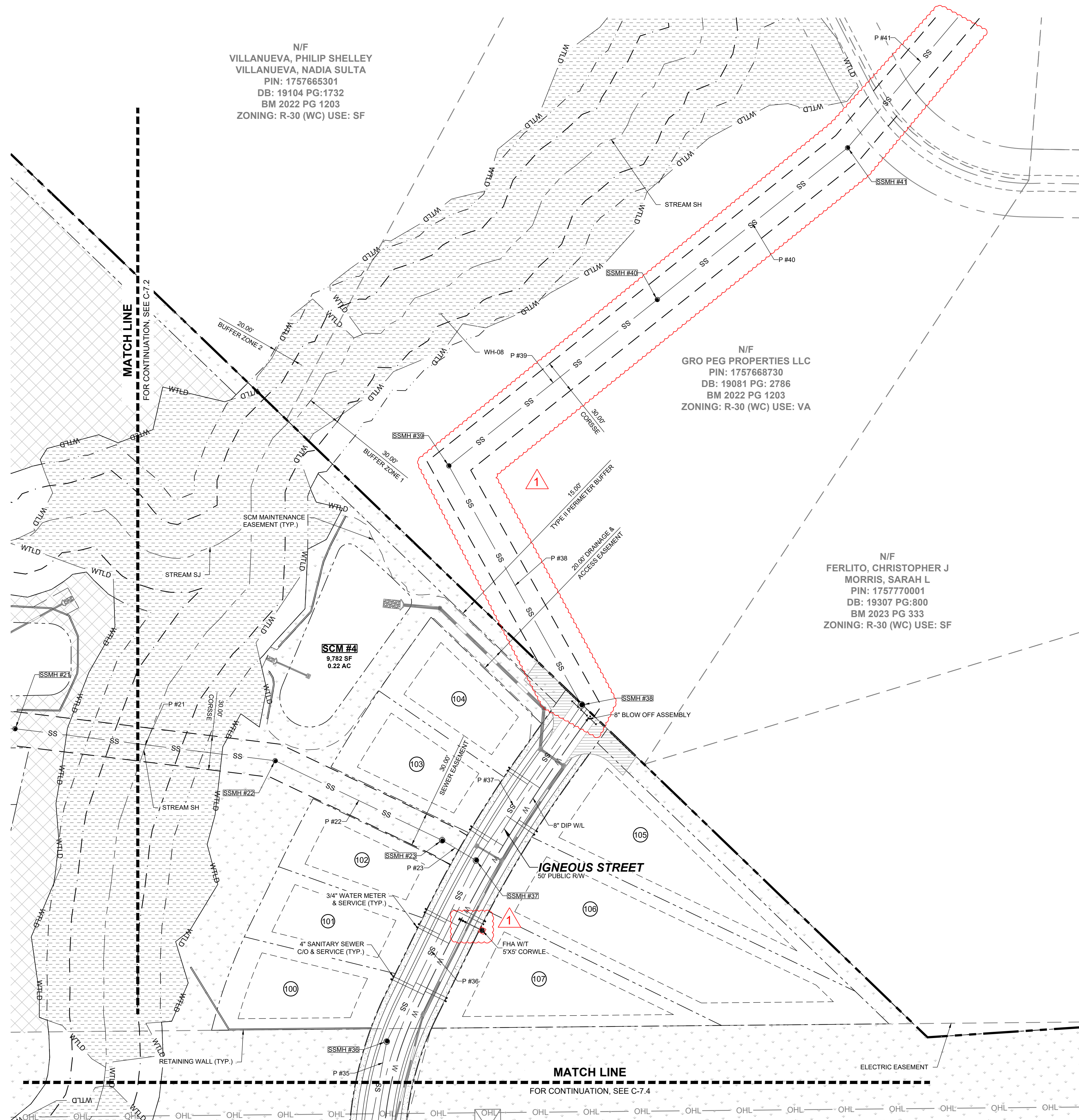
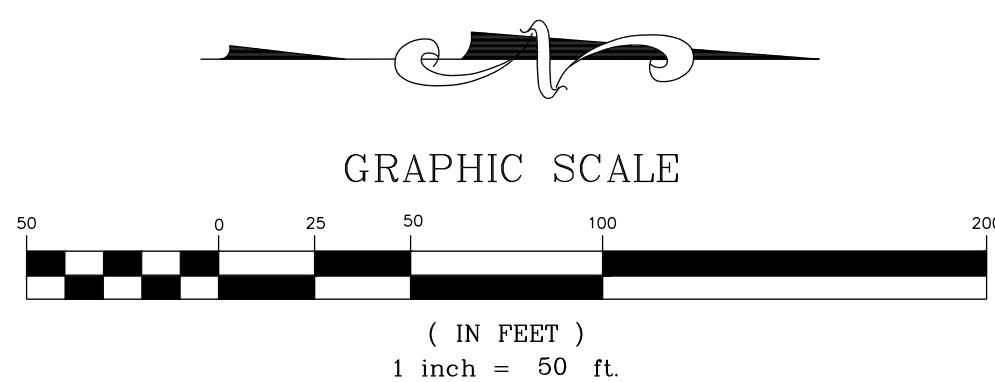
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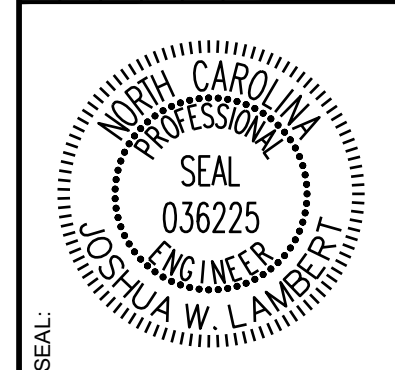
SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01			
02			



STRONGROCK
ENGINEERING GROUP

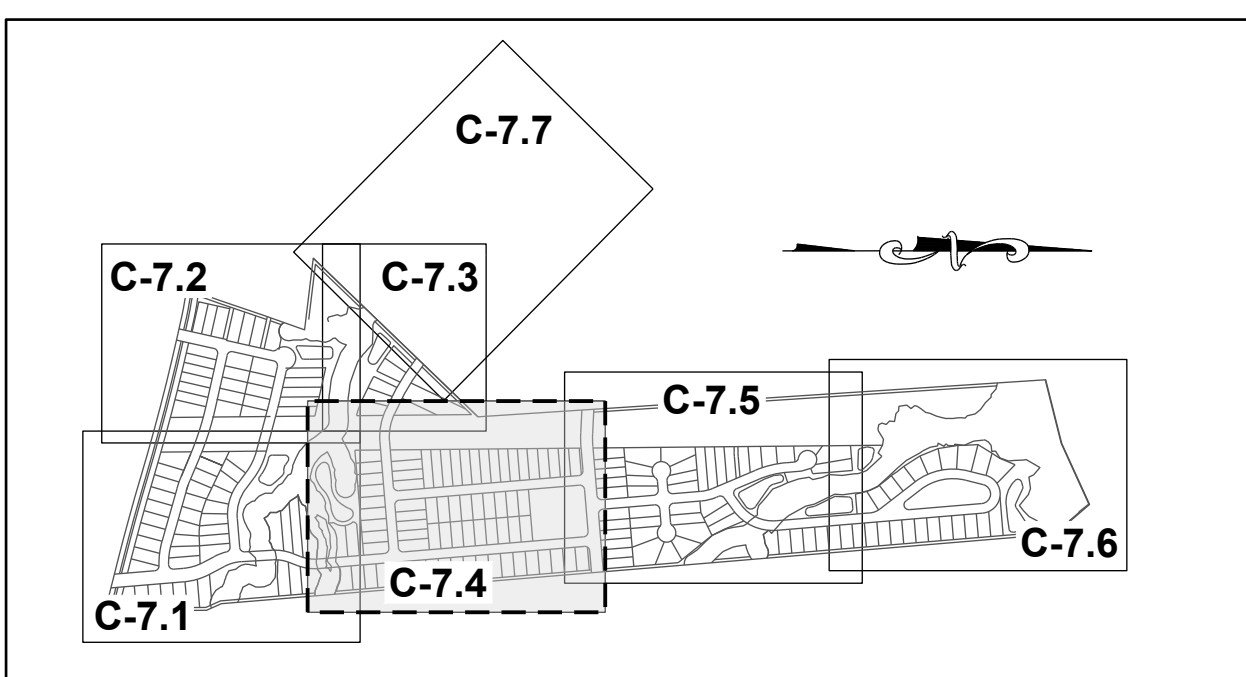
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2766
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

DRAWING SHEET
C-7.3

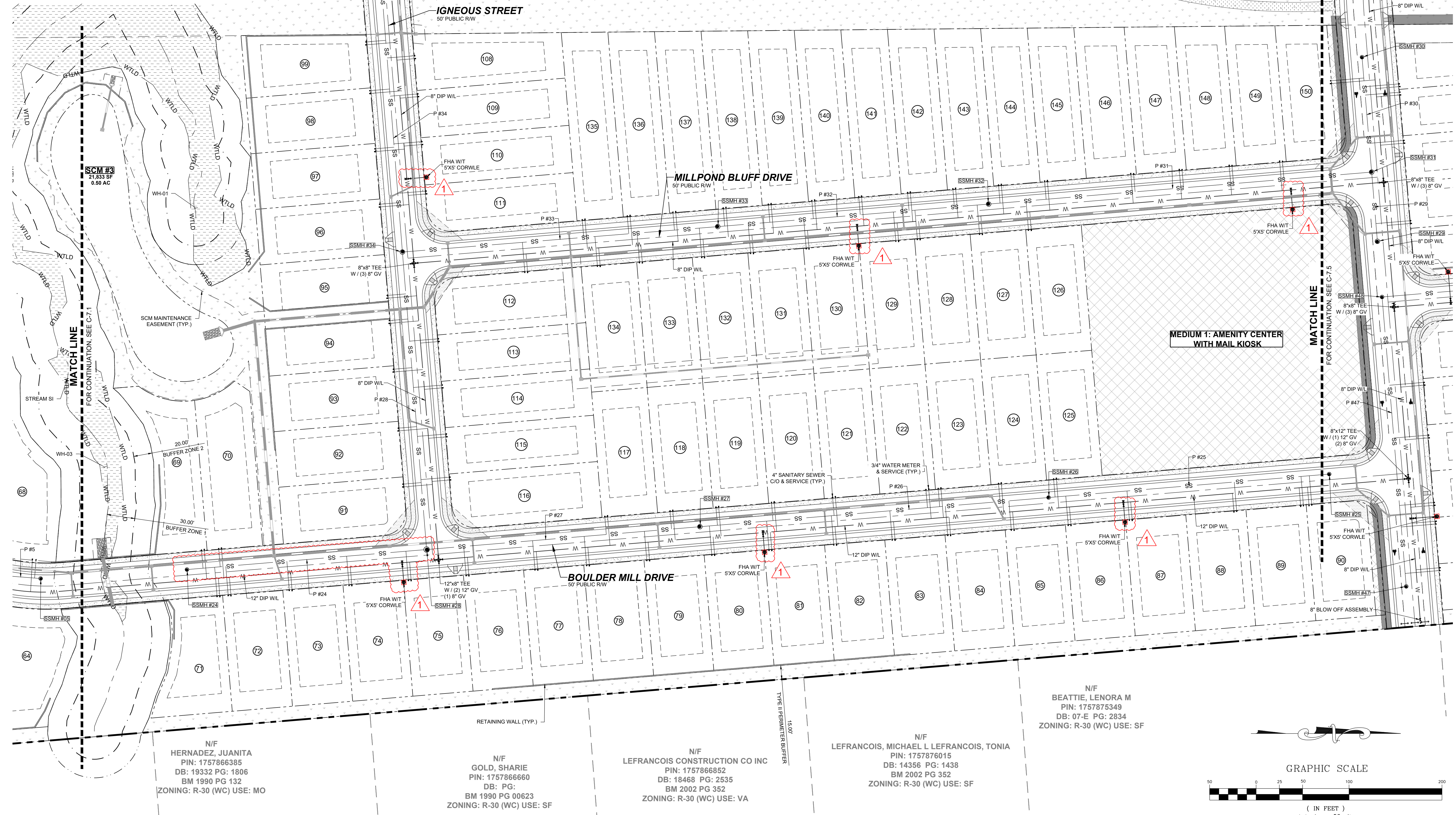
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SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.



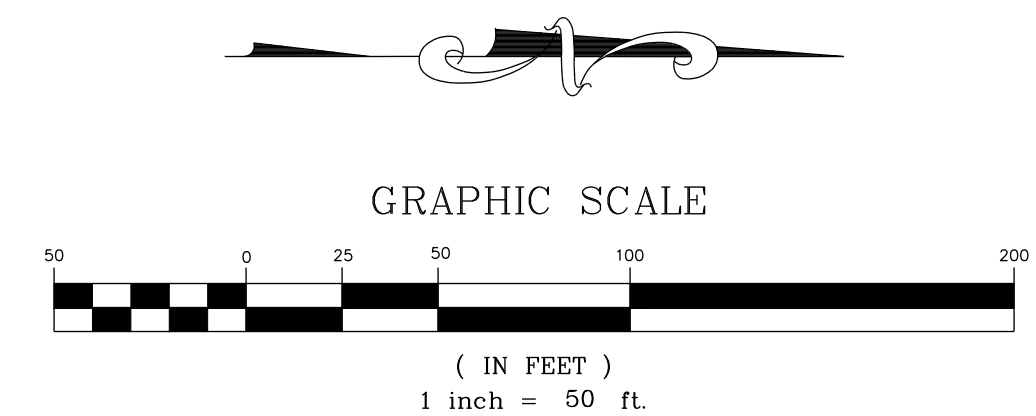
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HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

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

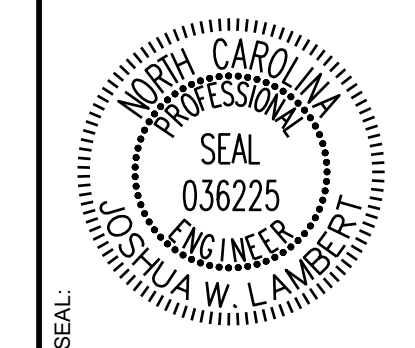
N/F
LEFRANCOIS CONSTRUCTION CO INC
PIN: 1757866852
DB: 18468 PG: 2535
BM 2002 PG 352
ZONING: R-30 (WC) USE: VA

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

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



NO.	REVISIONS	DATE	BY
01			
02			



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ENGINEERING GROUP

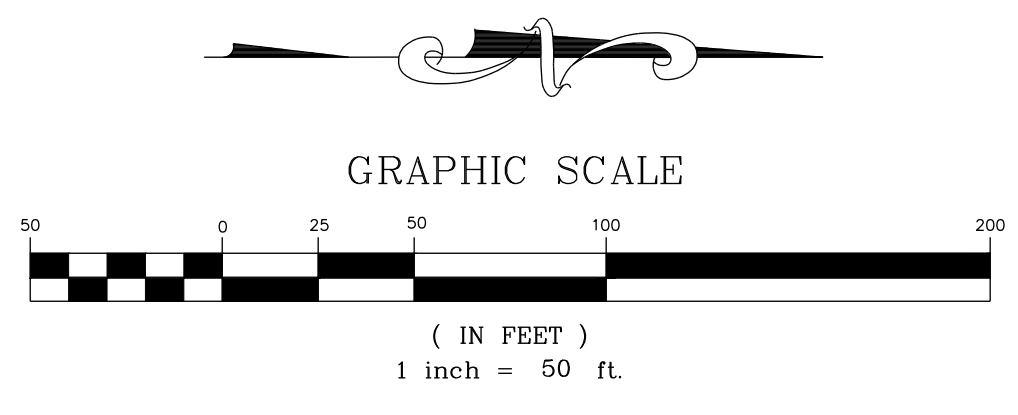
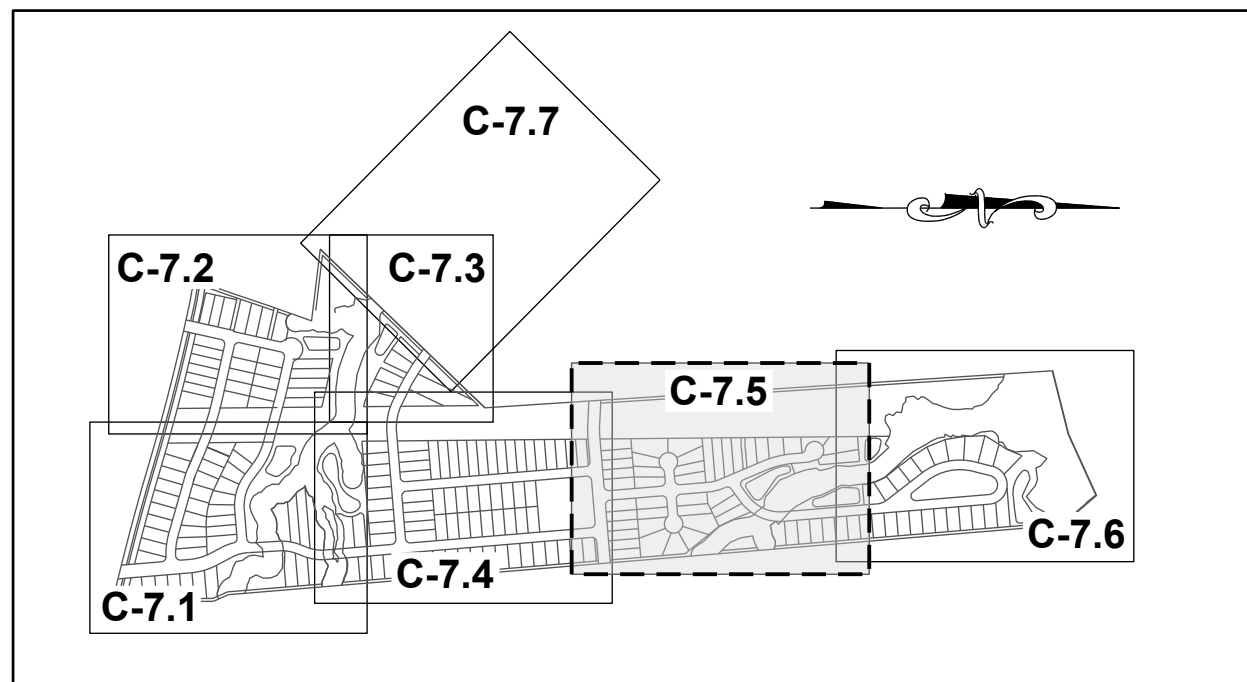
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

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

DRAWING SHEET
C-7.4

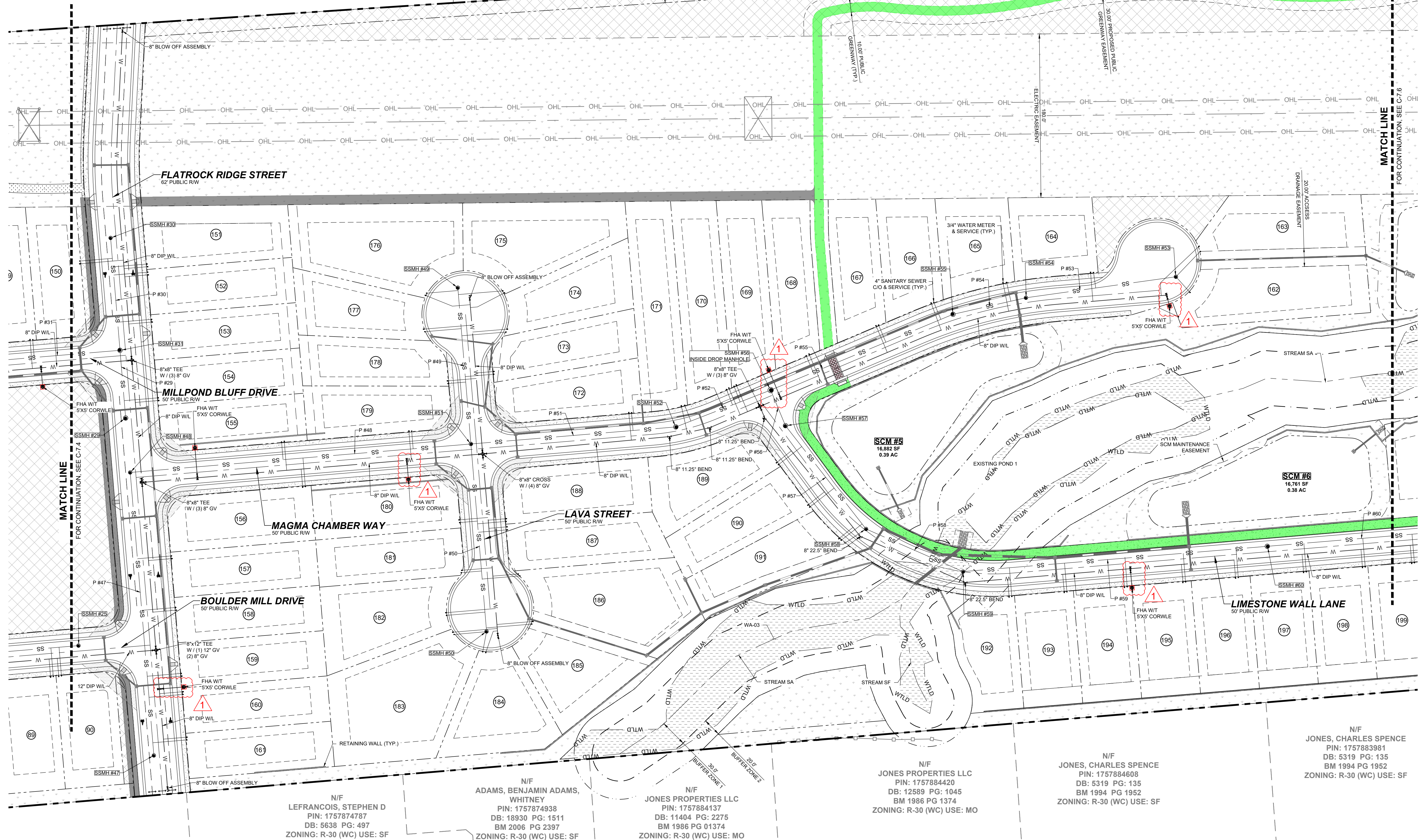
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SITE KEY PLAN
LEGEND:
SEE SHEET C-7.0 FOR LEGEND.

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

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



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

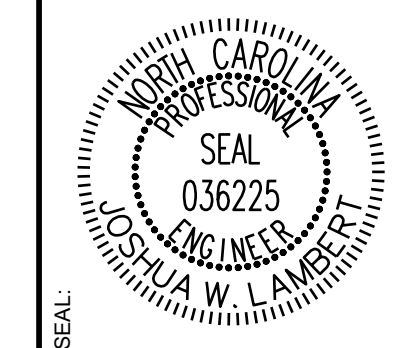
N/F
JONES PROPERTIES LLC
PIN: 1757884137
DB: 11404 PG: 2275
BM 1986 PG 01374
ZONING: R-30 (WC) USE: MO

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

NO.	REVISIONS	DATE	BY
01			
02			



STRONGROCK
ENGINEERING GROUP

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

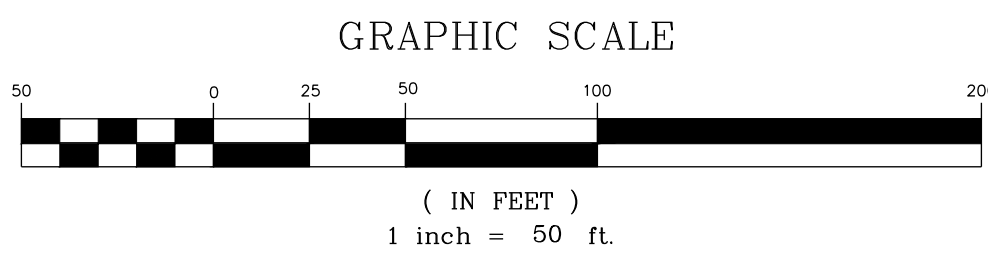
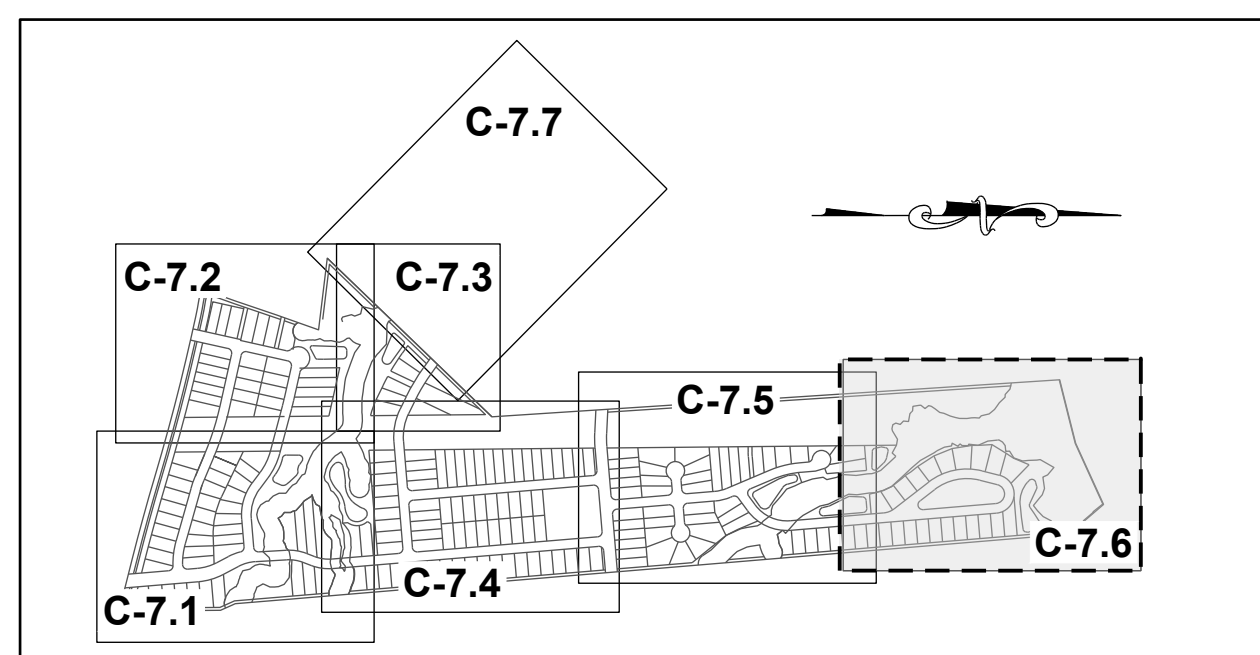
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	JWL	SRG	JWL

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

DRAWING SHEET
C-7.5

33 OF 129

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



SITE KEY PLAN
LEGEND:
SEE SHEET C-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: R-30 (WC) USE: VA

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)

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

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

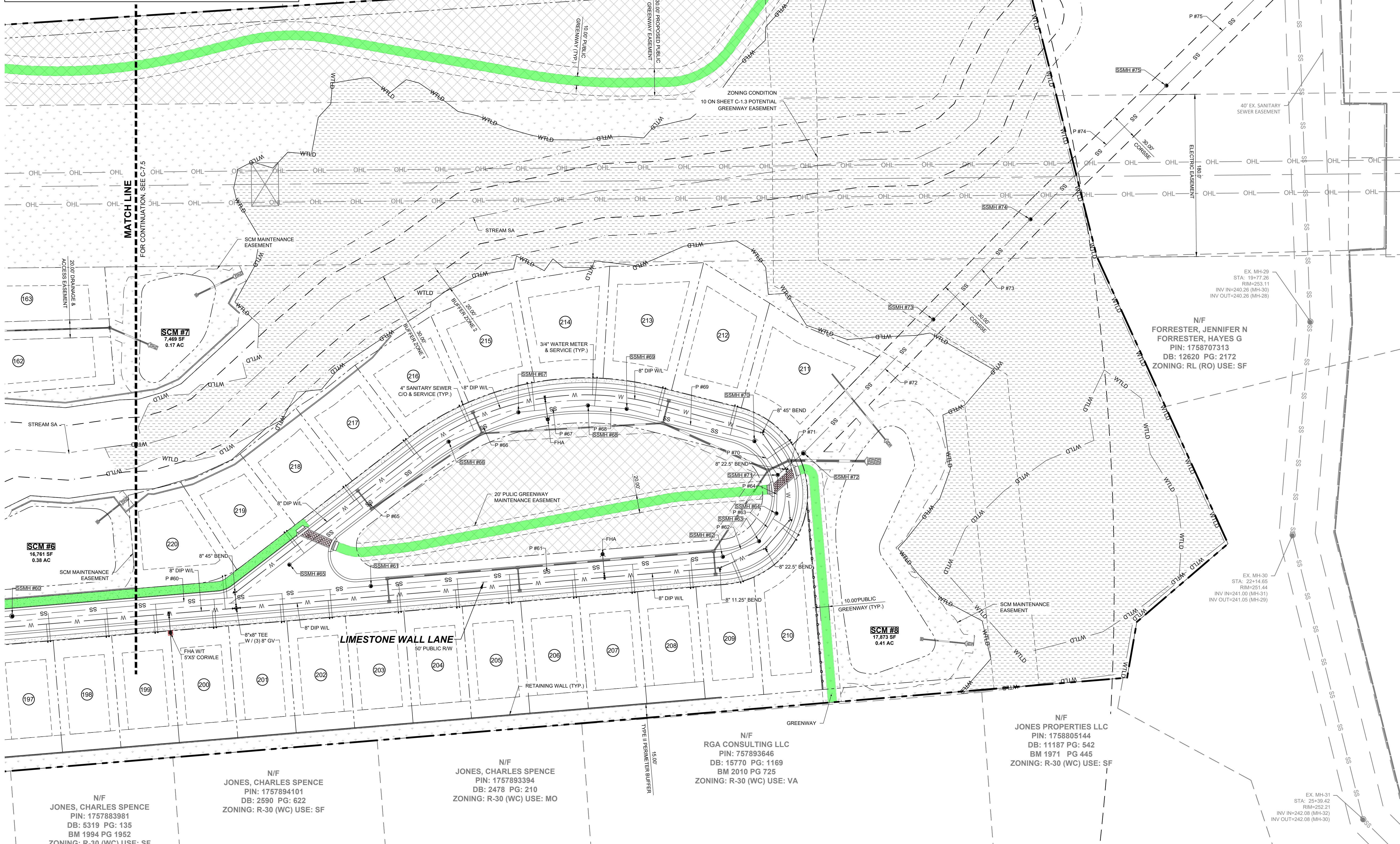
N/F
JONES PROPERTIES LLC
PIN: 1758805144
DB: 11187 PG: 542
BM 1971 PG 445
ZONING: R-30 (WC) USE: SF

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

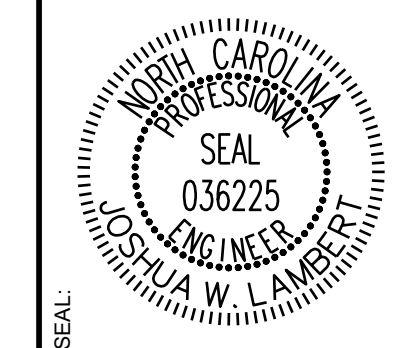
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PIN: 1757894101
DB: 2590 PG: 622
ZONING: R-30 (WC) USE: SF

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



NO.	REVISIONS	DATE	BY
01			
02			



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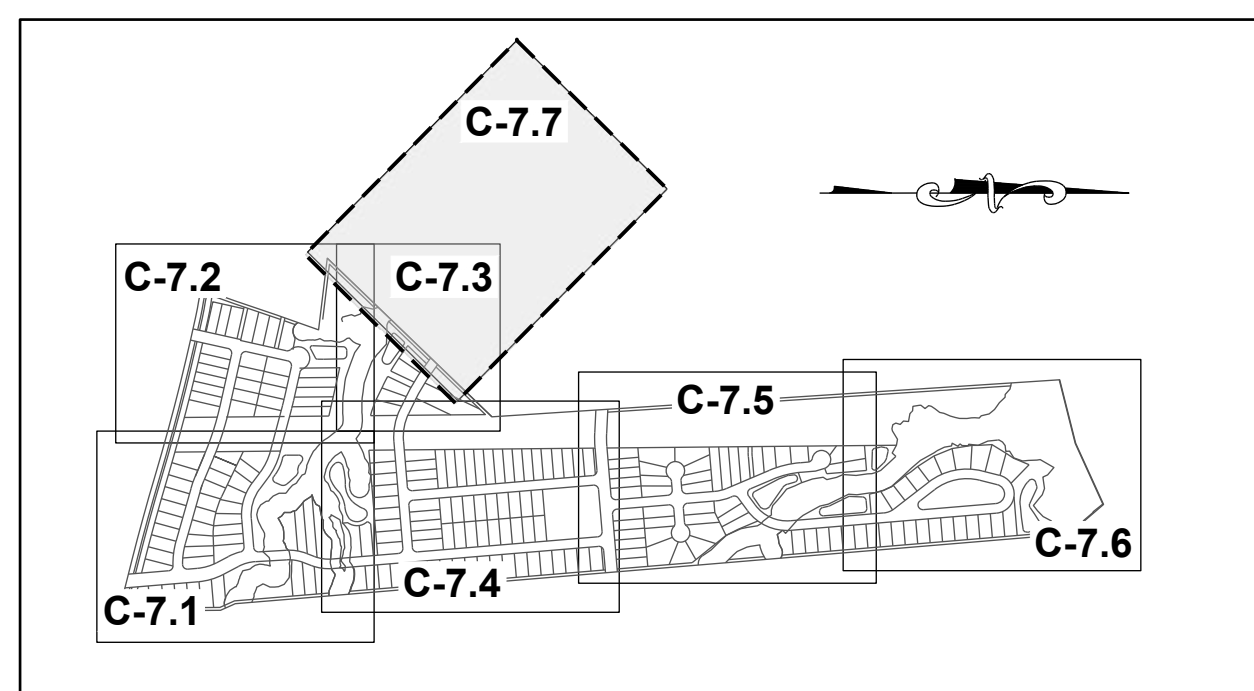
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

DRAWING SHEET
C-7.6

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



SITE KEY PLAN

LEGEND:

SEE SHEET C-7.0 FOR LEGEND.

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

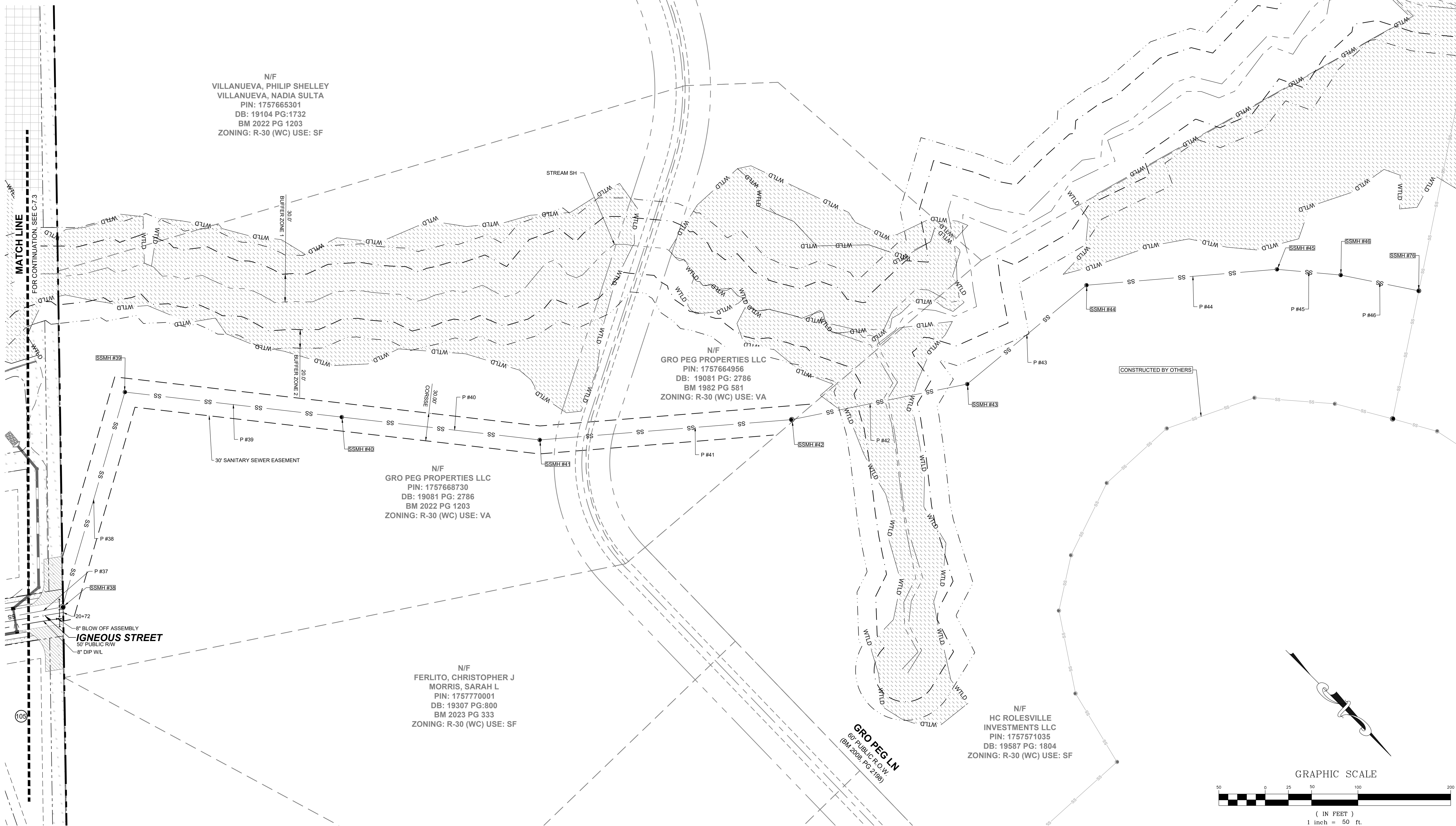
N/F
GRO PEG PROPERTIES LLC
PIN: 1757664956
DB: 19081 PG: 2786
BM 1982 PG 581
ZONING: R-30 (WC) USE: VA

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

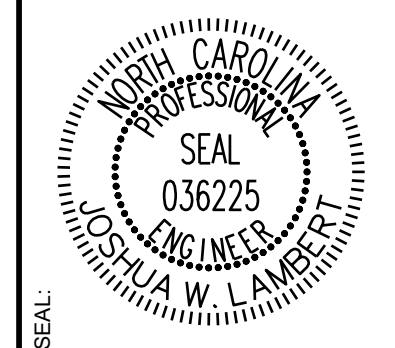
N/F
FERLITO, CHRISTOPHER J
MORRIS, SARAH L
PIN: 1757770001
DB: 19307 PG:800
BM 2023 PG 333
ZONING: R-30 (WC) USE: SF

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

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



NO.	REVISIONS	DATE	BY
01			
02			



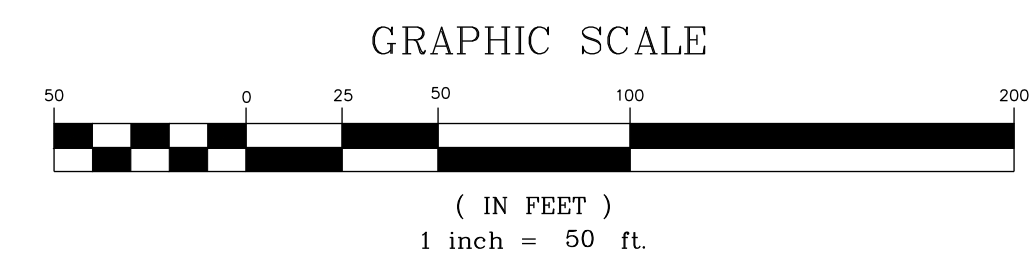
STRONGROCK
ENGINEERING GROUP

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
CONSTRUCTION PLANS
PARTIAL UTILITY PLAN VII -
OFF SITE

DRAWING SHEET
C-7.7



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

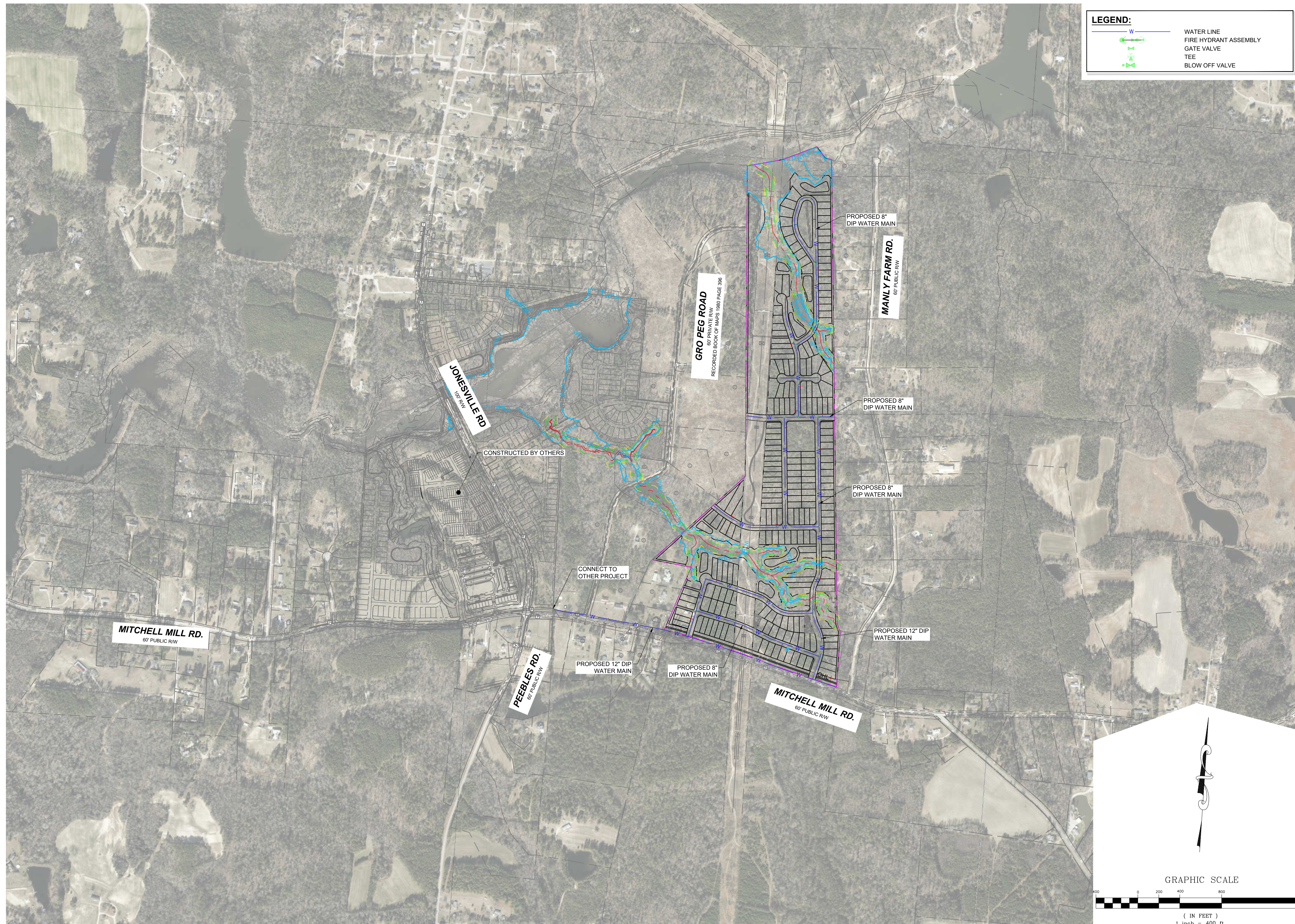
PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #1 BEGIN: SSMH #01 END: SSMH #02	PVC - SDR 26	8"	127	317.78	309.19	6.75%
P #2 BEGIN: SSMH #02 END: SSMH #03	PVC - SDR 26	8"	150	308.99	300.19	5.87%
P #3 BEGIN: SSMH #03 END: SSMH #04	PVC - SDR 26	8"	206	299.99	293.97	2.92%
P #4 BEGIN: SSMH #04 END: SSMH #06 INSIDE DROP MANHOLE	PVC - SDR 26	8"	35	293.77	292.38	4.00%
P #5 BEGIN: SSMH #05 END: SSMH #06	PVC - SDR 26	8"	43	287.18	286.97	0.50%
P #6 BEGIN: SSMH #06 END: SSMH #07	PVC - SDR 26	8"	132	286.77	286.11	0.50%
P #7 BEGIN: SSMH #07 END: SSMH #08 INSIDE DROP MANHOLE	PVC - SDR 26	8"	243	285.91	284.69	0.50%
P #8 BEGIN: SSMH #08 END: SSMH #09 INSIDE DROP MANHOLE	PVC - SDR 26	8"	238	284.49	283.31	0.50%
P #9 BEGIN: SSMH #09 END: SSMH #10	PVC - SDR 26	8"	89	283.11	282.66	0.50%
P #10 BEGIN: SSMH #10 END: SSMH #11	PVC - SDR 26	8"	169	282.46	281.47	0.52%
P #11 BEGIN: SSMH #11 END: SSMH #12	PVC - SDR 26	8"	373	281.27	279.41	0.50%
P #12 BEGIN: SSMH #12 END: SSMH #19	PVC - SDR 26	8"	193	279.21	276.40	1.46%
P #13 BEGIN: SSMH #13 END: SSMH #19	PVC - SDR 26	8"	171	301.70	287.48	8.30%
P #14 BEGIN: SSMH #14 END: SSMH #15	PVC - SDR 26	8"	395	303.38	297.00	1.61%
P #15 BEGIN: SSMH #15 END: SSMH #16	PVC - SDR 26	8"	188	296.80	295.86	0.50%
P #16 BEGIN: SSMH #16 END: SSMH #17	PVC - SDR 26	8"	211	295.66	294.61	0.50%
P #17 BEGIN: SSMH #17 END: SSMH #18	PVC - SDR 26	8"	365	294.41	287.48	1.90%
P #18 BEGIN: SSMH #18 END: SSMH #19	PVC - SDR 26	8"	318	287.28	276.40	3.42%
P #19 BEGIN: SSMH #19 END: SSMH #20	PVC - SDR 26	8"	74	274.97	274.02	1.28%
P #20 BEGIN: SSMH #20 END: SSMH #21	PVC - SDR 26	8"	143	273.82	272.85	0.68%
P #21 BEGIN: SSMH #21 END: SSMH #22	DIP	8"	231	272.65	271.49	0.50%
P #22 BEGIN: SSMH #22 END: SSMH #23	PVC - SDR 26	8"	163	271.29	270.47	0.50%
P #23 BEGIN: SSMH #23 END: SSMH #37	PVC - SDR 26	8"	35	270.27	270.10	0.50%
P #24 BEGIN: SSMH #24 END: SSMH #26	PVC - SDR 26	8"	259	288.96	287.66	0.50%
P #25 BEGIN: SSMH #25 END: SSMH #26	PVC - SDR 26	8"	303	341.35	336.25	1.68%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #26 BEGIN: SSMH #26 END: SSMH #27	PVC - SDR 26	8"	377	336.05	309.42	7.07%
P #27 BEGIN: SSMH #27 END: SSMH #28	PVC - SDR 26	8"	295	309.22	287.64	7.31%
P #28 BEGIN: SSMH #28 END: SSMH #34	PVC - SDR 26	8"	321	287.44	285.84	0.50%
P #29 BEGIN: SSMH #29 END: SSMH #31	PVC - SDR 26	8"	75	321.08	314.94	8.20%
P #30 BEGIN: SSMH #30 END: SSMH #31	PVC - SDR 26	8"	124	315.56	314.94	0.50%
P #31 BEGIN: SSMH #31 END: SSMH #32	PVC - SDR 26	8"	414	314.74	312.68	0.50%
P #32 BEGIN: SSMH #32 END: SSMH #33	PVC - SDR 26	8"	293	312.48	307.00	1.87%
P #33 BEGIN: SSMH #33 END: SSMH #34	PVC - SDR 26	8"	340	306.53	285.84	6.08%
P #34 BEGIN: SSMH #34 END: SSMH #35	PVC - SDR 26	8"	323	285.64	284.02	0.50%
P #35 BEGIN: SSMH #35 END: SSMH #36	PVC - SDR 26	8"	83	283.82	283.41	0.50%
P #36 BEGIN: SSMH #36 END: SSMH #37	PVC - SDR 26	8"	178	283.21	270.10	7.36%
P #37 BEGIN: SSMH #37 END: SSMH #38	DIP	8"	166	269.90	269.07	0.50%
P #38 BEGIN: SSMH #38 END: SSMH #39	DIP	8"	241	268.87	263.82	2.09%
P #39 BEGIN: SSMH #39 END: SSMH #40	PVC - SDR 26	8"	235	263.45	257.55	2.50%
P #40 BEGIN: SSMH #40 END: SSMH #41	PVC - SDR 26	8"	215	257.35	252.17	2.41%
P #41 BEGIN: SSMH #41 END: SSMH #42	PVC - SDR 26	8"	273	251.97	242.28	3.56%
P #42 BEGIN: SSMH #42 END: SSMH #43	PVC - SDR 26	8"	193	242.08	240.65	0.74%
P #43 BEGIN: SSMH #43 END: SSMH #44	PVC - SDR 26	8"	167	240.45	239.61	0.50%
P #44 BEGIN: SSMH #44 END: SSMH #45	PVC - SDR 26	8"	206	239.41	238.38	0.50%
P #45 BEGIN: SSMH #45 END: SSMH #46	PVC - SDR 26	8"	69	238.18	237.84	0.50%
P #46 BEGIN: SSMH #46 END: SSMH #76	PVC - SDR 26	8"	86	237.64	237.20	0.51%
P #47 BEGIN: SSMH #47 END: SSMH #48	PVC - SDR 26	8"	312	338.84	329.01	3.14%
P #48 BEGIN: SSMH #48 END: SSMH #51	PVC - SDR 26	8"	376	328.81	318.94	2.62%
P #49 BEGIN: SSMH #49 END: SSMH #51	PVC - SDR 26	8"	173	328.30	320.27	4.65%
P #50 BEGIN: SSMH #50 END: SSMH #51	PVC - SDR 26	8"	207	319.65	318.61	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #51 BEGIN: SSMH #51 END: SSMH #52	PVC - SDR 26	8"	226	318.41	311.21	3.18%
P #52 BEGIN: SSMH #52 END: SSMH #56 INSIDE DROP MANHOLE	DIP	8"	112	311.00	310.44	0.50%
P #53 BEGIN: SSMH #53 END: SSMH #54	PVC - SDR 26	8"	167	302.08	301.25	0.50%
P #54 BEGIN: SSMH #54 END: SSMH #55	PVC - SDR 26	8"	82	301.05	300.64	0.50%
P #55 BEGIN: SSMH #55 END: SSMH #56 INSIDE DROP MANHOLE	PVC - SDR 26	8"	217	300.44	299.35	0.50%
P #56 BEGIN: SSMH #56 END: SSMH #57 INSIDE DROP MANHOLE	DIP	8"	42	299.15	297.30	4.37%
P #57 BEGIN: SSMH #57 END: SSMH #58	PVC - SDR 26	8"	144	297.10	294.57	1.76%
P #58 BEGIN: SSMH #58 END: SSMH #59	PVC - SDR 26	8"	117	294.37	287.78	5.65%
P #59 BEGIN: SSMH #59 END: SSMH #60	PVC - SDR 26	8"	336	287.58	281.95	1.68%
P #60 BEGIN: SSMH #60 END: SSMH #61	PVC - SDR 26	8"	399	281.75	279.75	0.50%
P #61 BEGIN: SSMH #61 END: SSMH #62	PVC - SDR 26	8"	392	279.55	264.28	3.90%
P #62 BEGIN: SSMH #62 END: SSMH #63	PVC - SDR 26	8"	44	264.08	263.62	1.06%
P #63 BEGIN: SSMH #63 END: SSMH #64	PVC - SDR 26	8"	36	263.42	261.64	4.91%
P #64 BEGIN: SSMH #64 END: SSMH #71	PVC - SDR 26	8"	43	261.44	260.00	3.38%
P #65 BEGIN: SSMH #65 END: SSMH #66	PVC - SDR 26	8"	223	284.72	267.68	7.64%
P #66 BEGIN: SSMH #66 END: SSMH #67	PVC - SDR 26	8"	84	267.48	266.82	0.79%
P #67 BEGIN: SSMH #67 END: SSMH #68	PVC - SDR 26	8"	77	266.62	266.23	0.50%
P #68 BEGIN: SSMH #68 END: SSMH #69	PVC - SDR 26	8"	43	266.03	265.25	1.80%
P #69 BEGIN: SSMH #69 END: SSMH #70	PVC - SDR 26	8"	146	265.05	261.79	2.24%
P #70 BEGIN: SSMH #70 END: SSMH #71	PVC - SDR 26	8"	46	261.59	260.00	3.48%
P #71 BEGIN: SSMH #71 END: SSMH #72	PVC - SDR 26	8"	38	259.80	256.96	7.52%
P #72 BEGIN: SSMH #72 END: SSMH #73	PVC - SDR 26	8"	206	254.46	242.35	5.87%
P #73 BEGIN: SSMH #73 END: SSMH #74	PVC - SDR 26	8"	155	242.15	241.38	0.50%
P #74 BEGIN: SSMH #74 END: SSMH #75	PVC - SDR 26	8"	211	241.18	240.12	0.50%
P #75 BEGIN: SSMH #75 END: EX. SSMH #76	PVC - SDR 26	8"	203	239.92	238.91	0.50%

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #01	4'	272.06	263.82 NE	263.45 NW	10.81
SSMH #02	4'	318.49	309.19 S	308.99 N	9.51
SSMH #03	4'	308.16	300.19 S	299.99 NW	8.19
SSMH #04	4'	301.83	293.97 SE	293.77 N	8.26
SSMH #05	4'	292.87		287.18 S	5.69
SSMH #06	4'	293.14	286.97 N	286.77 S	6.37
SSMH #07	4'	294.19	286.11 N	285.91 S	8.28
SSMH #08 INSIDE DROP MANHOLE	6'	300.96	292.38 S 284.69 N	284.49 W	16.49
SSMH #09	5'	296.70	283.31 E	283.11 W	13.59
SSMH #10	5'	295.56	282.66 E	282.46 NW	13.10
SSMH #11	5'	300.26	281.47 SE	281.27 W	18.98
SSMH #12	5'	298.97	279.41 E	279.21 W	19.76
SSMH #13	4'	313.28		301.70 N	11.60
SSMH #14	5'	317.33		303.38 W	13.96
SSMH #15	5'	308.92	297.00 E	296.80 NW	12.12
SSMH #16	5'	312.03	295.86 SE	295.66 W	16.37
SSMH #17	5'	307.62	294.61 E	294.41 W	13.22
SSMH #18	4'	299.24	287.48 S 276.40 S	287.28 N	11.99
SSMH #19	5'	290.56	276.40 S	274.97 NE	15.61
SSMH #20	5'	290.44	274.02 SW	273.82 N	16.62
SSMH #21	4'	276.37	272.85 S	272.65 N	3.72
SSMH #22	4'	272.68	271.49 S	271.29 NE	1.39
SSMH #23	5'	287.91	270.47 SW	270.27 NE	17.63
SSMH #24	4'	294.65		288.96 N	5.69
SSMH #25	4'	347.04		341.35 S	5.69
SSMH #26	4'	344.17	336.25 N	336.05 S	8.15
SSMH #27	5'	323.60	309.42 N	309.22 S	14.39
SSMH #28	6'	307.42	287.66 S 287.64 N	287.44 W	20.00
SSMH #29	5'	333.38		321.08 W	12.33
SSMH #30	4'	323.45		315.56 E	7.88
SSMH #31	5'	329.19	314.94 W 314.94 E	314.74 S	14.47
SSMH #32	5'	332.36	312.68 N	312.48 S	19.88
SSMH #33	5'	318.85	307.00 N	306.53 S	12.33
SSMH #34	5'	303.27	285.84 E 285.84 N	285.64 W	17.65
SSMH #35	5'	299.89	284.02 E	283.82 W	16.07
SSMH #36	5'	296.17	283.41 E	283.21 NW	12.96
SSMH #37	5'	289.36	270.10 SE 270.10 SW	269.90 NW	19.46
SSMH #38	6'	289.77	269.07 SE	268.87 SW	20.90

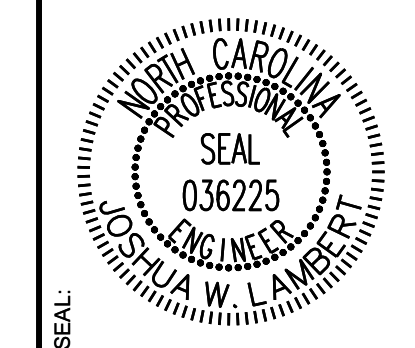
SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #39	4'	272.06	263.82 NE	263.45 NW	8.62
SSMH #40	4'	263.80	257.55 SE	257.35 NW	6.45
SSMH #41	4'	260.79	252.17 SE	251.97 NW	8.82
SSMH #42	5'	254.78	242.28 SE	242.08 NW	12.84
SSMH #43	4'	251.36	240.65 SE	240.45 W	10.93
SSMH #44	4'	244.49	239.61 E	239.41 NW	5.08
SSMH #45	4'	245.77	238.38 SE	238.18 NW	7.58
SSMH #46	4'	245.26	237.64 SE	237.64 NW	7.63
SSMH #47	4'	344.53		338.84 W	5.69
SSMH #48	4'	336.90	329.01 E	328.81 N	8.08
SSMH #49	4'	335.06		328.30 E	6.79
SSMH #50	4'	325.34		319.65 W	5.71
SSMH #51	4'	330.40	318.34 S 300.27 W 318.61 E	318.41 N	11.99
SSMH #52	5'	319.70	311.21 S	311.00 N	8.73
SSMH #53	4'	307.77		302.08 S	5.71
SSMH #54	4'	310.96	301.25 N	301.05 S	9.91
SSMH #55	5'	314.37	300.64 N	300.44 SE	13.93
SSMH #56 INSIDE DROP MANHOLE	6'	319.95	310.44 S 299.35 NW	299.15 NE	20.82
SSMH #57	5'	316.46	297.30 SW	297.10 NE	19.36
SSMH #58	4'	304.26	294.57 SW	294.37 NE	



LEGEND:

- WATER LINE
- FIRE HYDRANT ASSEMBLY
- GATE VALVE
- TEE
- BLOW OFF VALVE

NO.	REVISIONS	DATE	BY
01			
02			



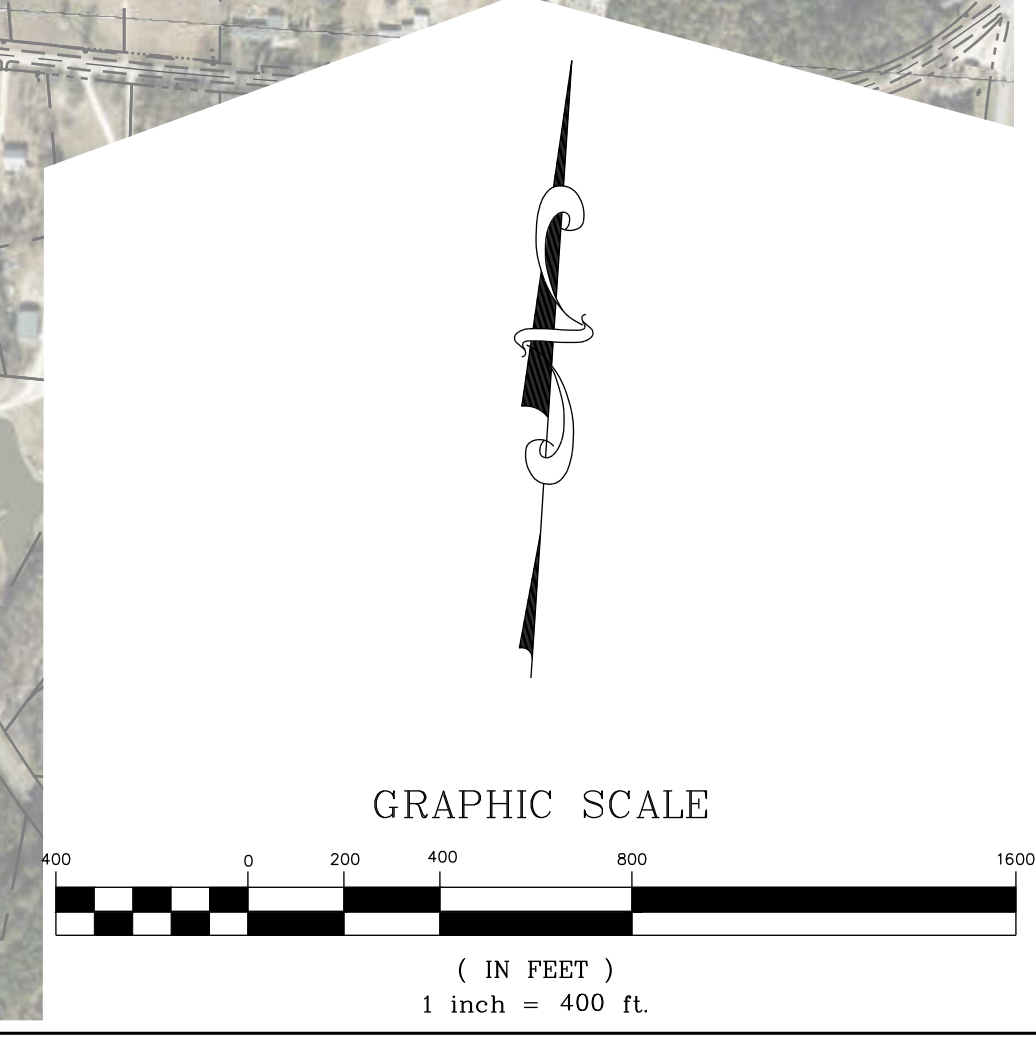
STRONGROCK
ENGINEERING GROUP

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

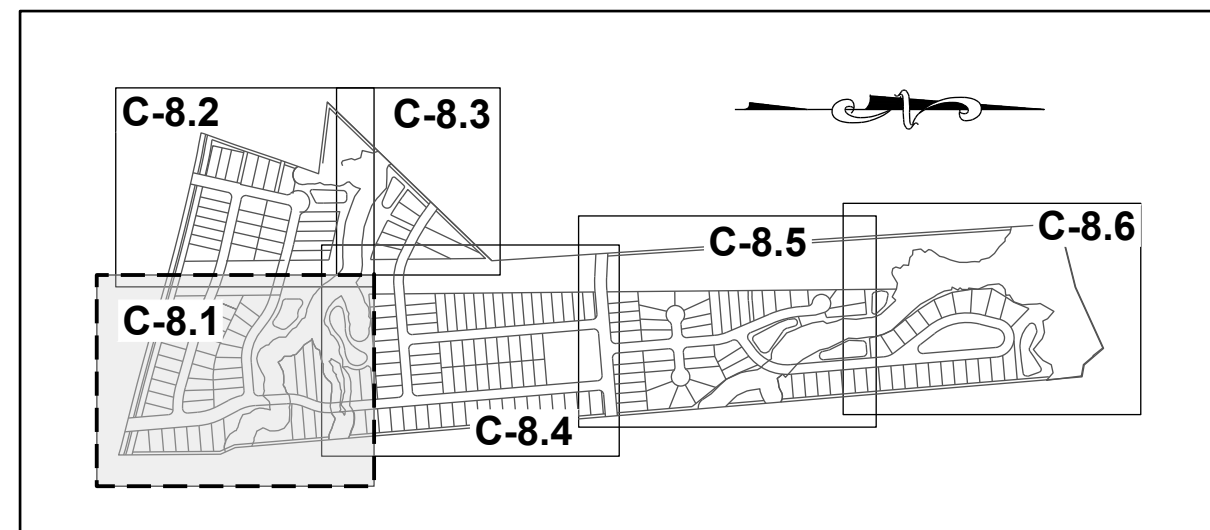
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
OFF-SITE UTILITY PLAN

DRAWING SHEET
C-7.9



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



SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.

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

MITCHELL MILL ROAD - S.R. 2224
60' PUBLIC R.O.W.
(BM 1971, PG 9-445)

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

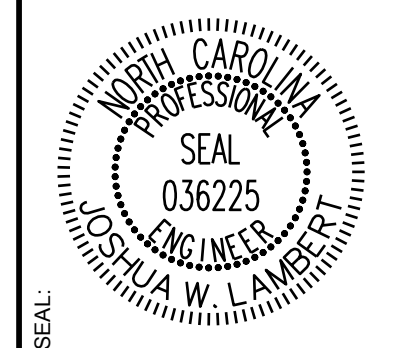
N/F
JONES PROPERTIES LLC
PIN: 1757856755
DB: 12895 PG: 505
BM: 1993 PG: 446
ZONING: R-30 (WC) USE: SF

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

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

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

NO.	REVISIONS	DATE	BY
01			
02			



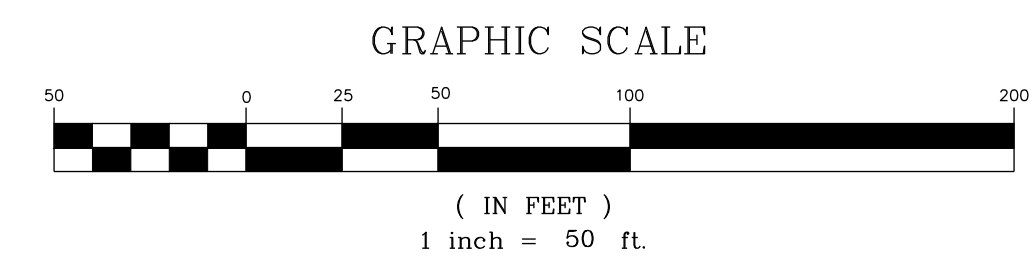
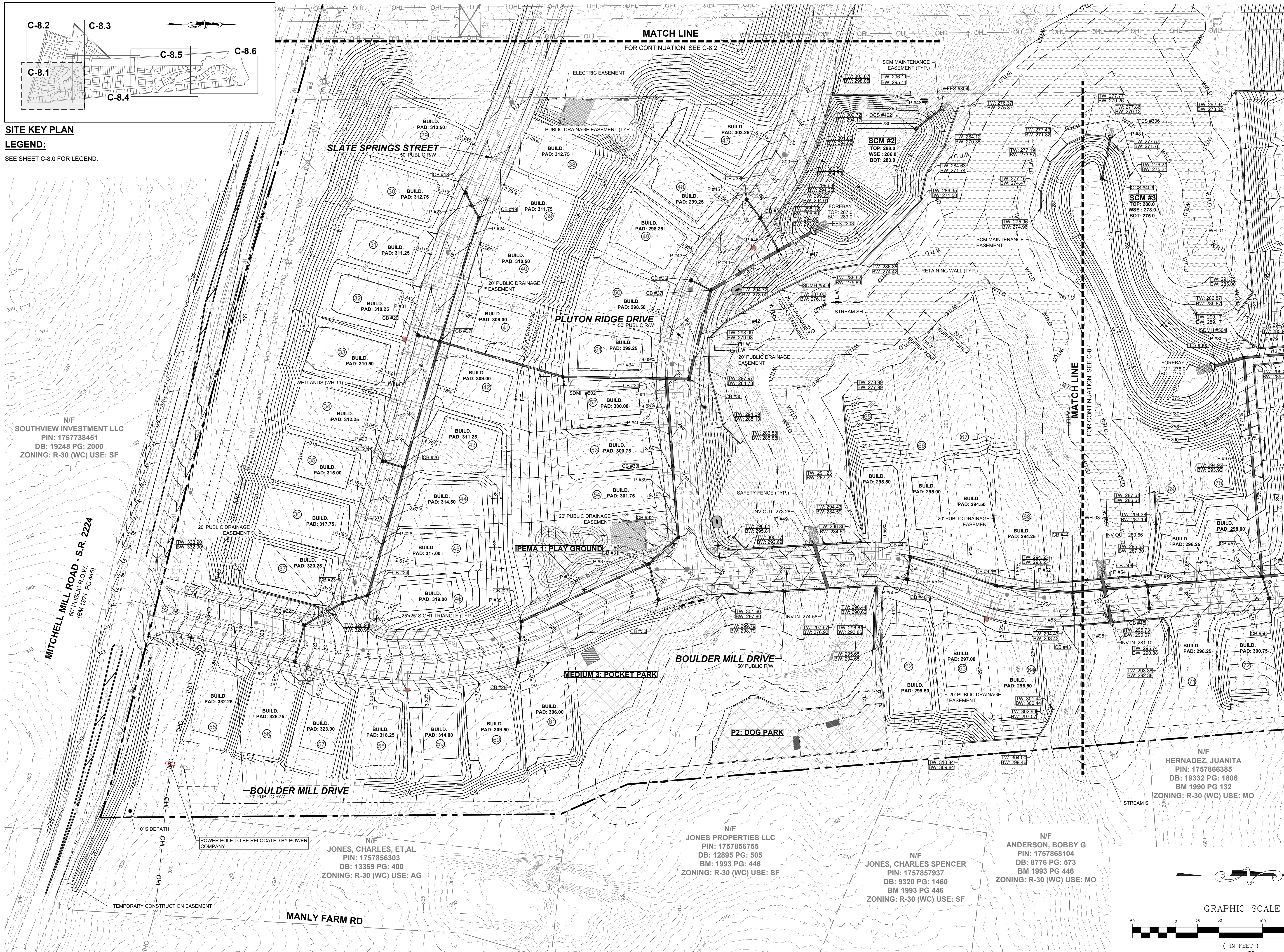
STRONGROCK
ENGINEERING GROUP

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

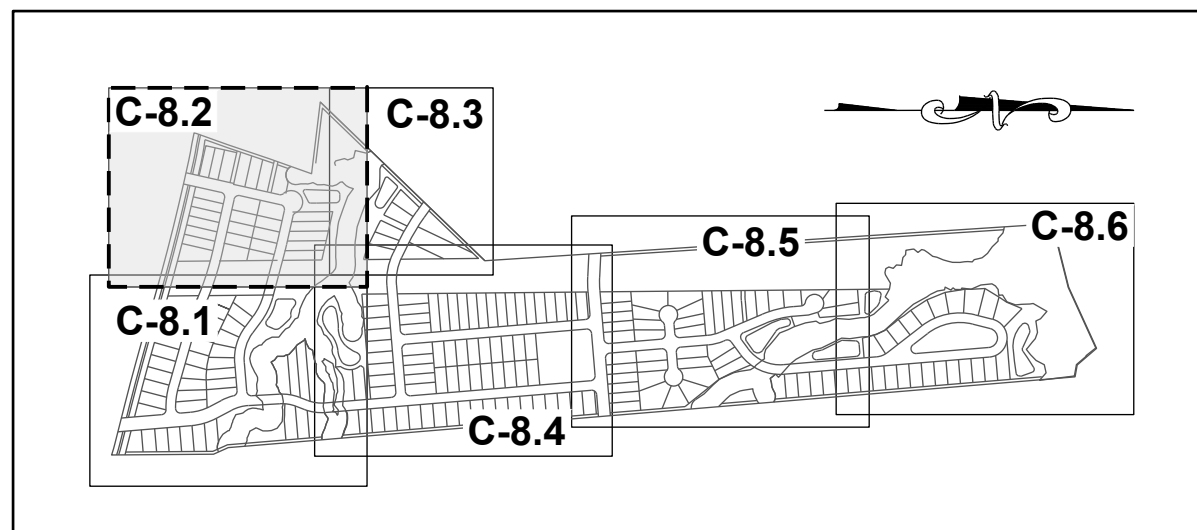
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY

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

DRAWING SHEET
C-8.1



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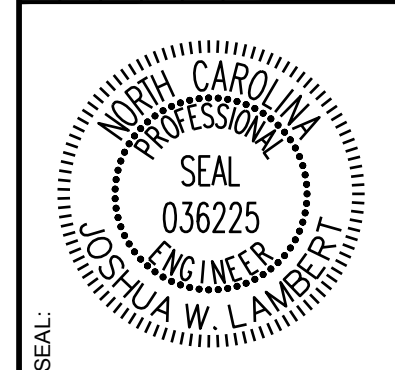
SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01			
02			



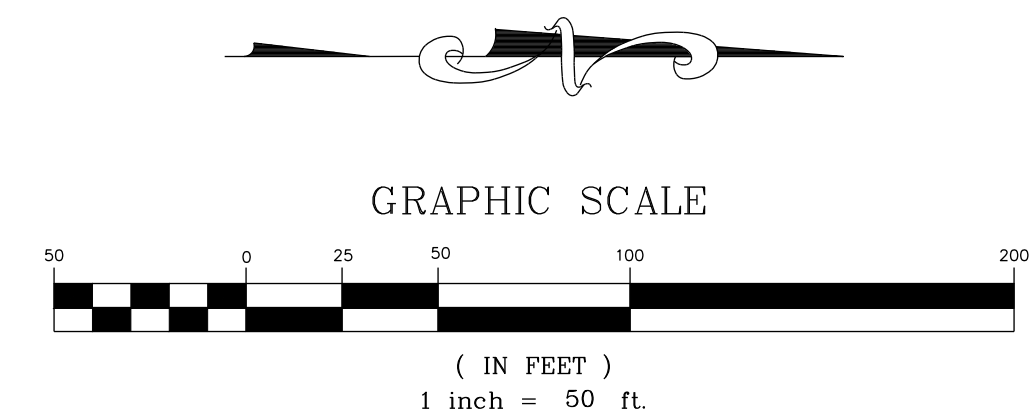
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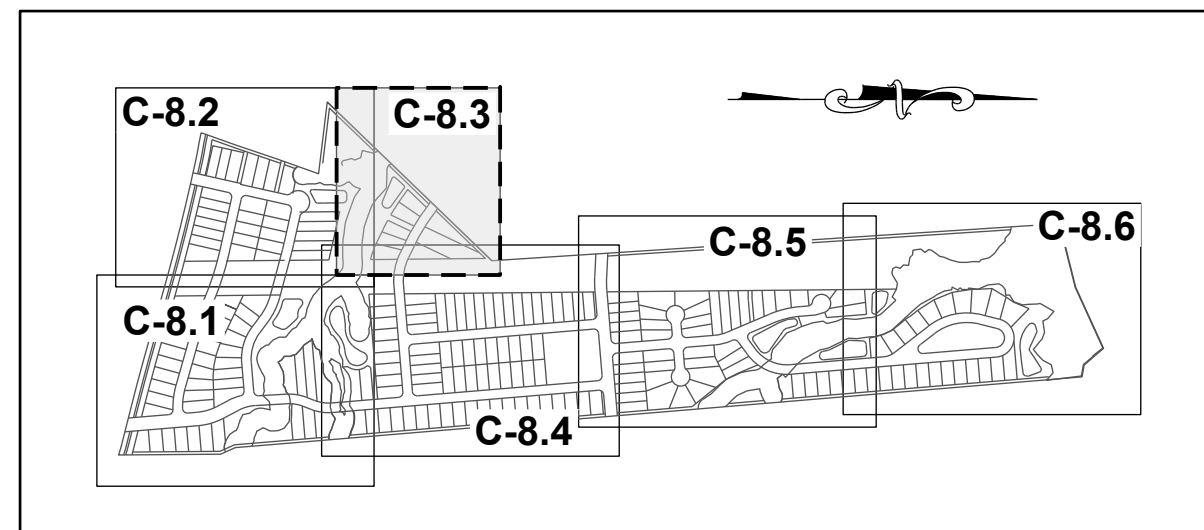
STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
			JWL	SRG	JWL

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

DRAWING SHEET
C-8.2



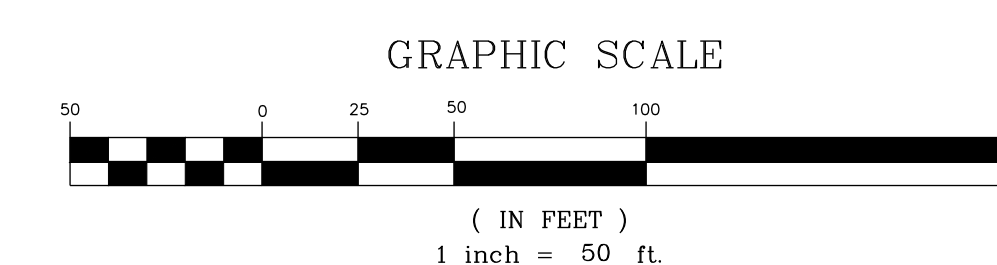
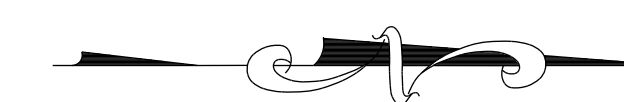
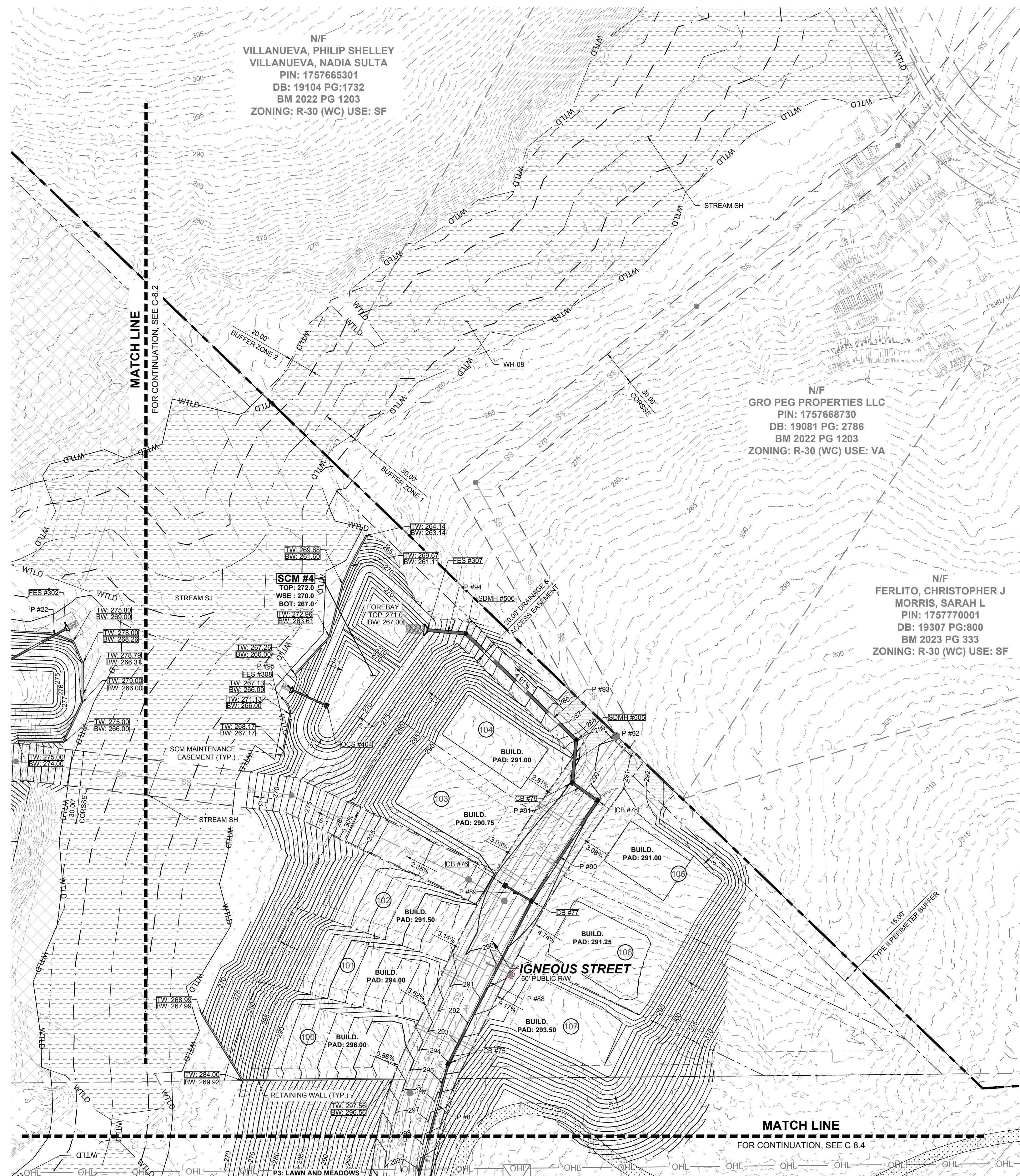
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SITE KEY PLAN

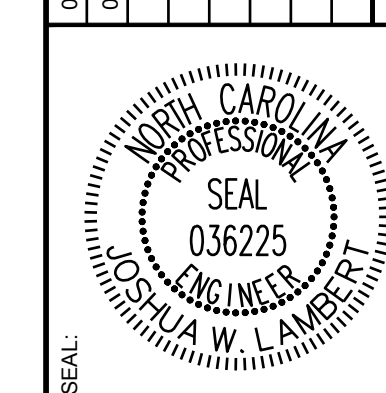
LEGEND:

SEE SHEET C-8.0 FOR LEGEND.



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NO.	DATE	REVISIONS	BY
01	11/01/2024		
02	02/03/2025		



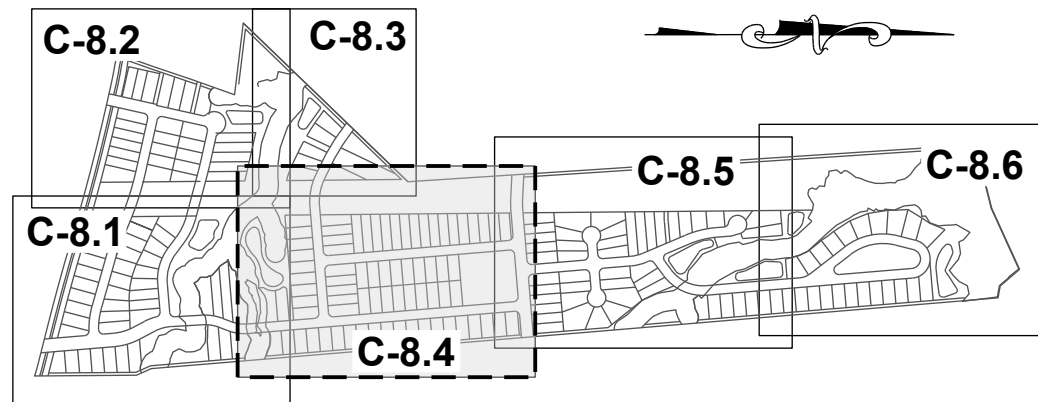
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL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

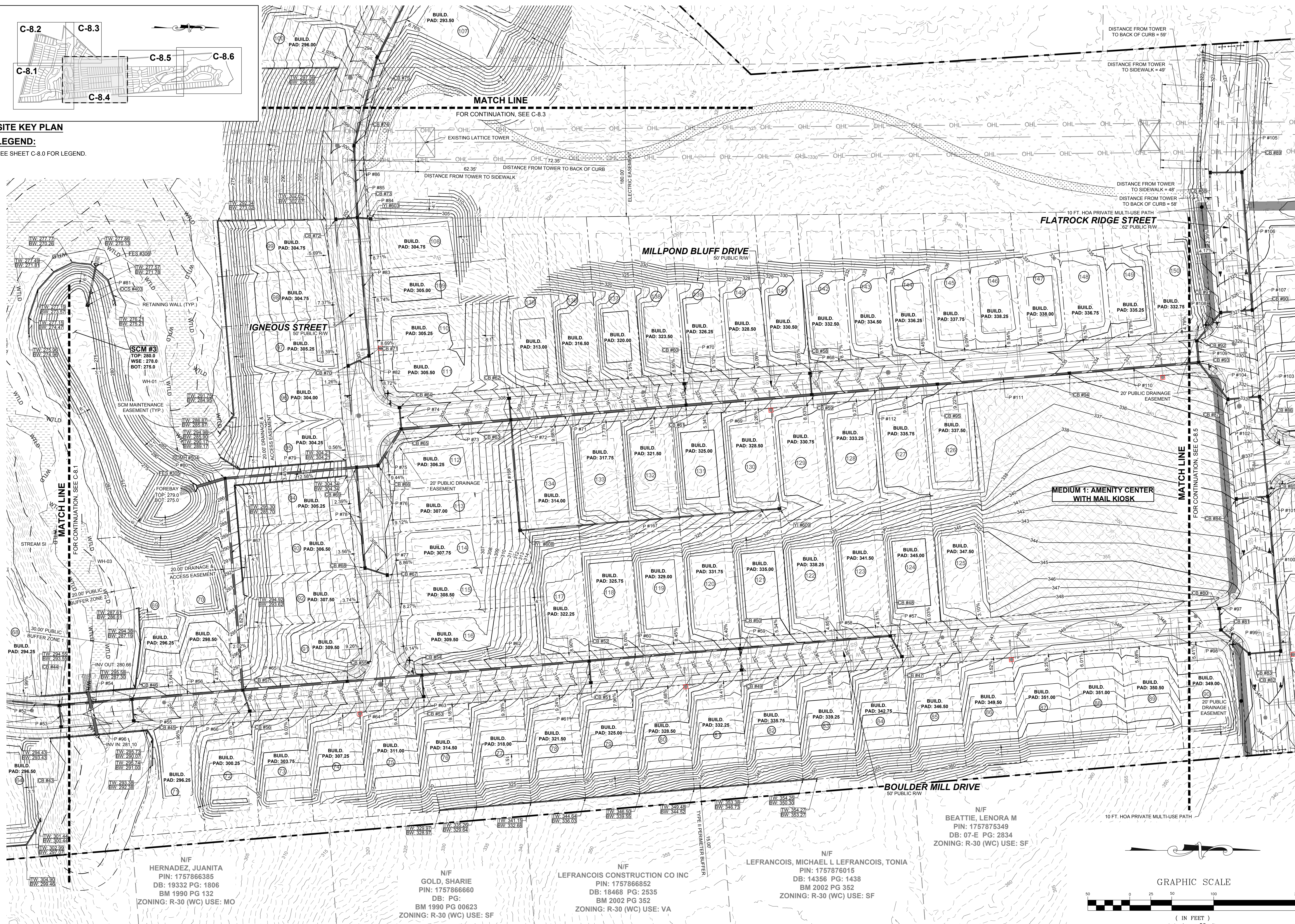
DRAWING SHEET
C-8.3



SITE KEY PLAN

LEGEND:

SEE SHEET C-8.0 FOR LEGEND.



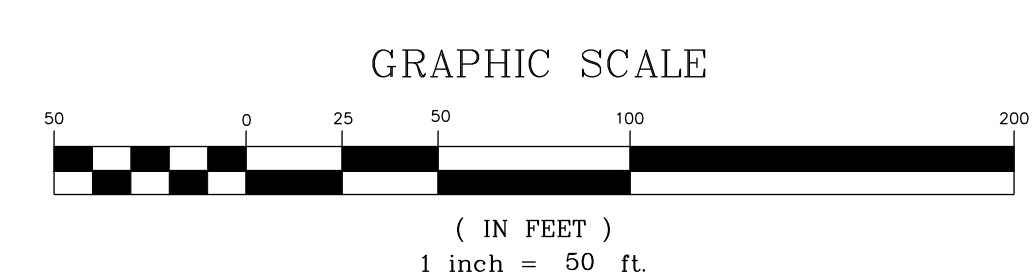
N/F
HERNADEZ, JUANITA
PIN: 1757866385
DB: 19332 PG: 1806
BM 1990 PG 132
ZONING: R-30 (WC) USE: MO

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

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

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

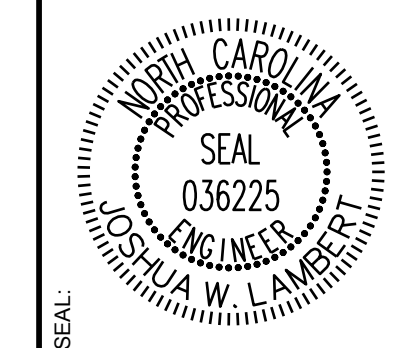
N/F
BEATTIE, LENORA M
PIN: 1757875349
DB: 07-E PG: 2834
ZONING: R-30 (WC) USE: SF



GRAPHIC SCALE

(IN FEET)
1 inch = 50 ft

NO.	REVISIONS	DATE	BY
01			
02			



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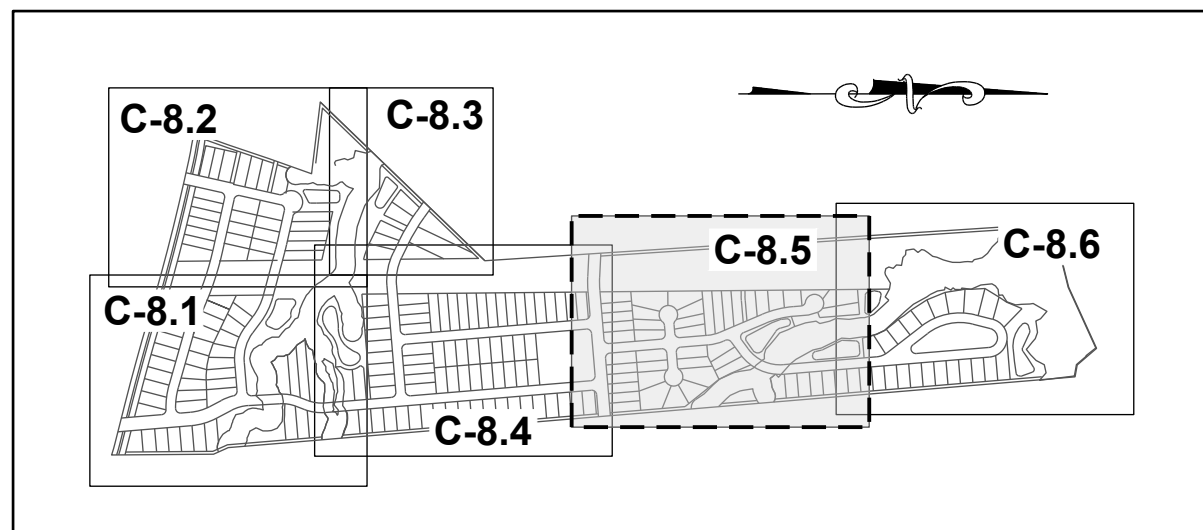
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
PARTIAL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

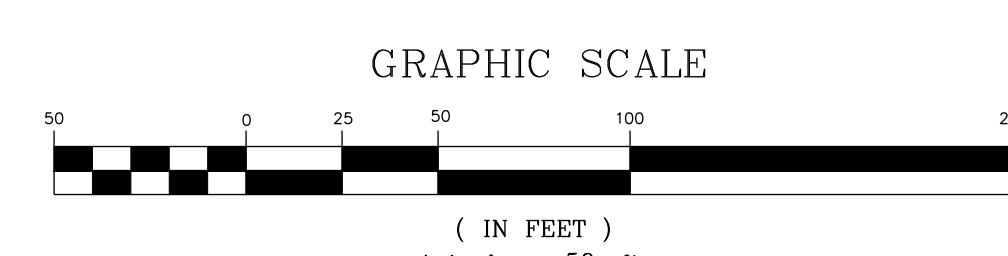
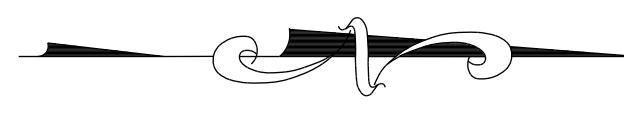
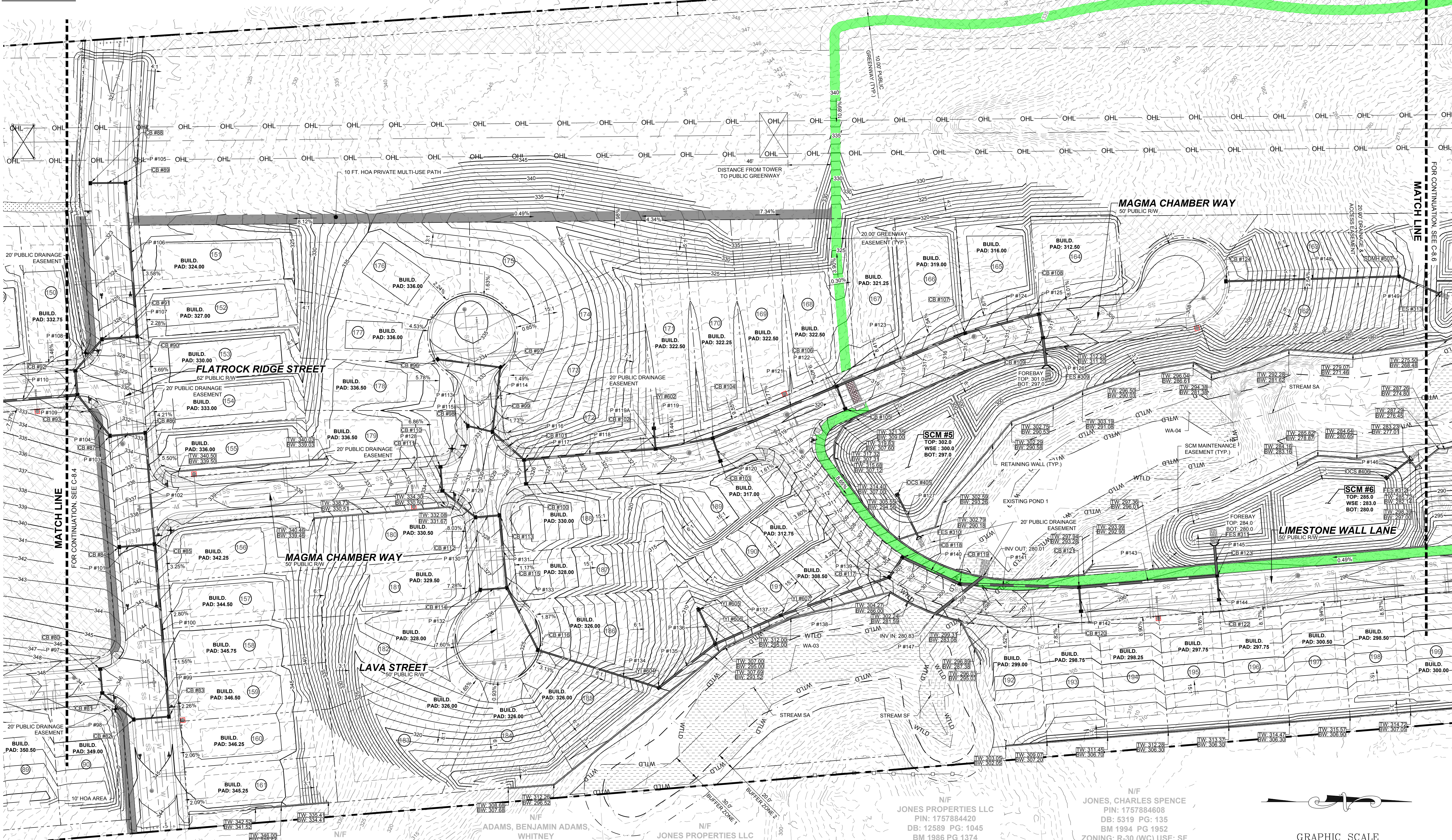
DRAWING SHEET
C-8.4

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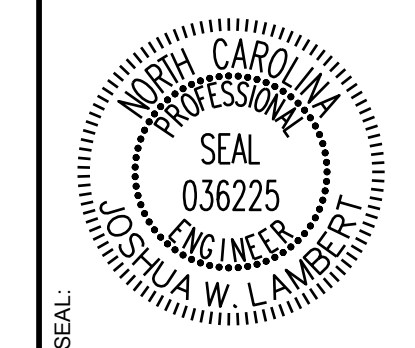
LEGEND:
SEE SHEET C-8.0 FOR LEGEND.

SITE KEY PLAN



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NO.	REVISIONS	DATE	BY
01			
02			



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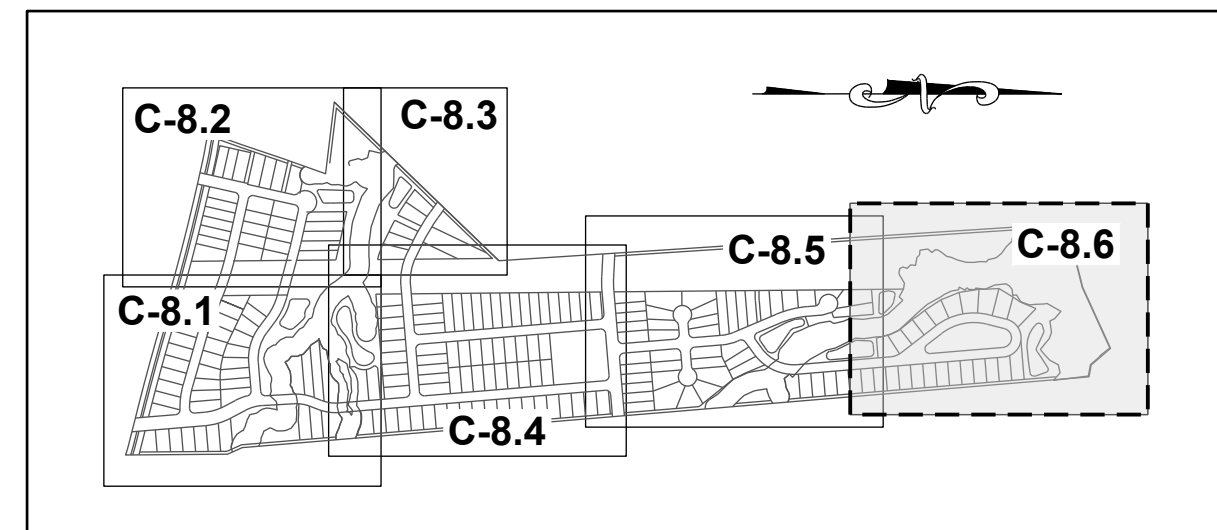
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	JWL	SRG

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

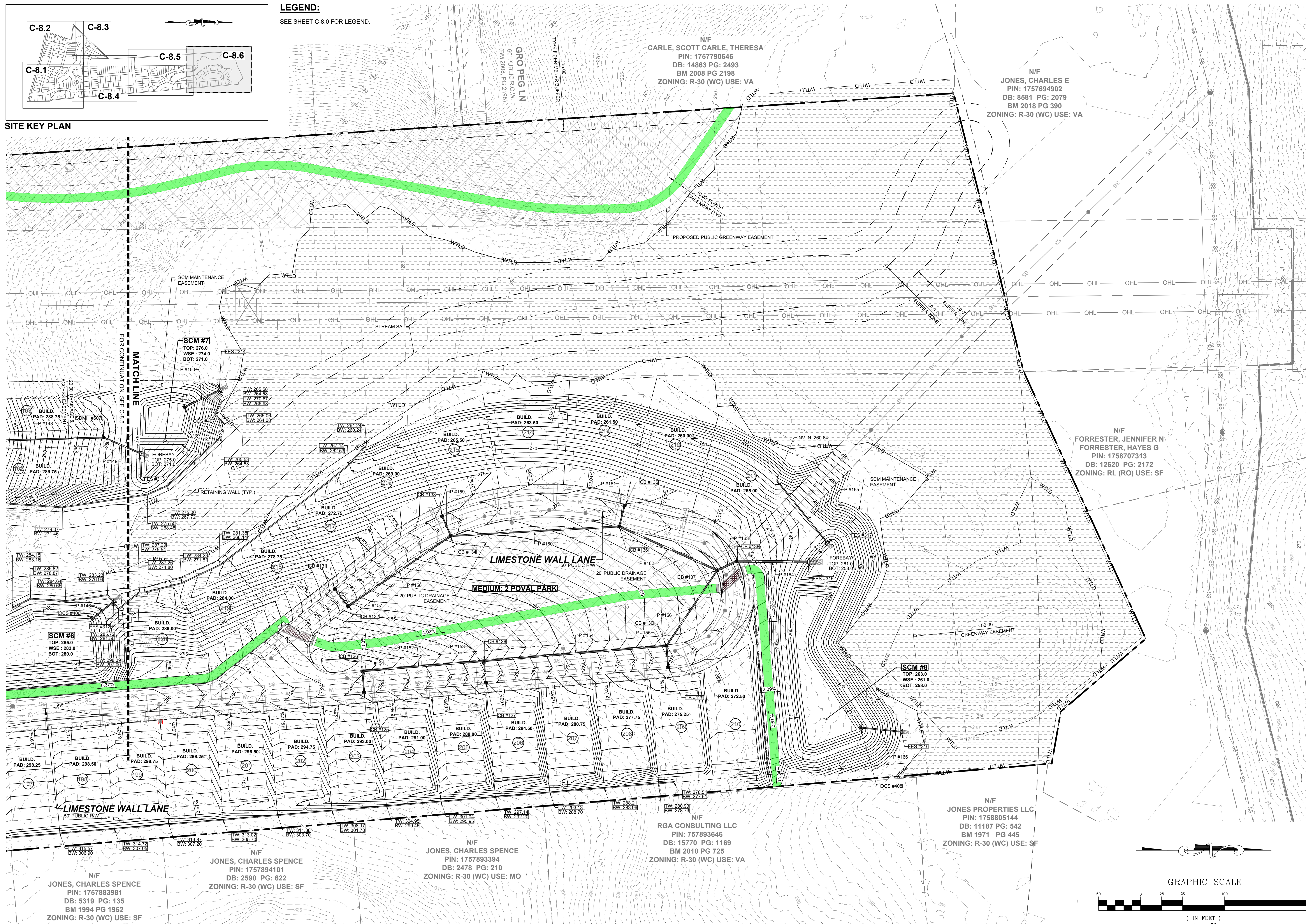
PARTIAL GRADING & DRAINAGE CONSTRUCTION PLANS
PLAN V

DRAWING SHEET
C-8.5



SITE KEY PLAN

LEGEND:
SEE SHEET C-8.0 FOR LEGEND.



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

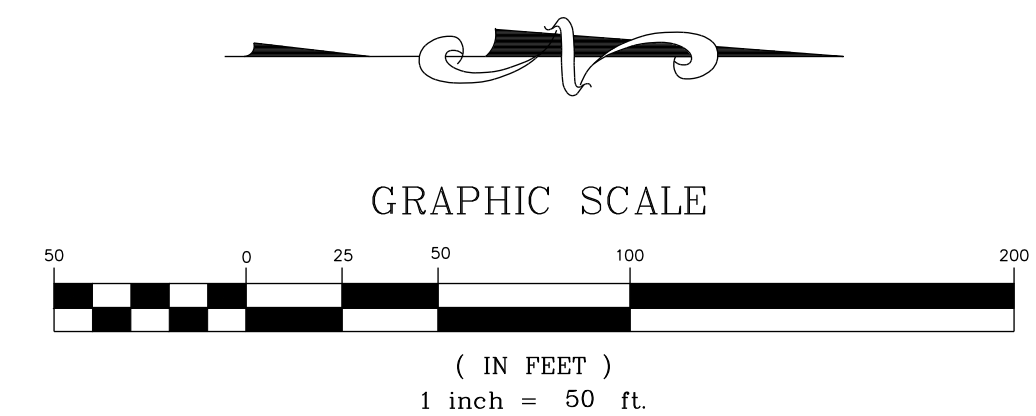
N/F
RGA CONSULTING LLC
PIN: 757893646
DB: 15770 PG: 1169
BM 2010 PG 725
ZONING: R-30 (WC) USE: VA

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

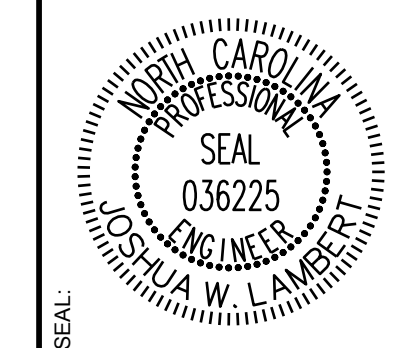
N/F
CARLE, SCOTT CARLE, THERESA
PIN: 1757790646
DB: 14863 PG: 2493
BM 2008 PG 2198
ZONING: R-30 (WC) USE: VA

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

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



NO.	REVISIONS	DATE	BY
01			
02			



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			JWL	SRG	JWL

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

DRAWING SHEET
C-8.6

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PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #1 BEGIN: DI #201 END: CB #01	RCP	15"	42	294.68	294.47	0.50%
P #2 BEGIN: CB #01 END: CB #02	RCP	15"	34	294.27	294.10	0.50%
P #3 BEGIN: CB #02 END: CB #09	RCP	18"	95	293.90	290.30	3.80%
P #4 BEGIN: CB #03 END: CB #04	RCP	15"	26	298.80	298.67	0.50%
P #5 BEGIN: CB #04 END: CB #06	RCP	15"	122	298.14	295.05	2.54%
P #6 BEGIN: CB #05 END: CB #06	RCP	15"	26	295.45	295.32	0.50%
P #7 BEGIN: CB #06 END: CB #07	RCP	18"	112	294.85	293.92	0.82%
P #8 BEGIN: CB #07 END: CB #09	RCP	18"	54	293.72	290.22	6.54%
P #9 BEGIN: CB #08 END: CB #09	RCP	15"	26	290.76	290.57	0.74%
P #10 BEGIN: CB #09 END: CB #10	RCP	24"	107	289.28	284.50	4.46%
P #11 BEGIN: YI #601 END: CB #10	RCP	15"	38	288.68	285.43	8.67%
P #12 BEGIN: CB #10 END: CB #11	RCP	24"	80	284.30	283.83	0.59%
P #13 BEGIN: CB #11 END: CB #12	RCP	24"	26	283.63	283.49	0.50%
P #14 BEGIN: DI #202 END: CB #12	CLASS IV RCP	15"	46	285.09	284.62	1.02%
P #15 BEGIN: CB #12 END: CB #17	RCP	24"	86	283.29	280.12	3.67%
P #16 BEGIN: CB #13 END: CB #14	RCP	15"	35	295.13	294.48	1.89%
P #17 BEGIN: CB #14 END: CB #16	RCP	15"	160	294.18	287.22	4.35%
P #18 BEGIN: CB #15 END: CB #16	RCP	15"	41	287.95	287.32	1.54%
P #19 BEGIN: CB #16 END: CB #17	RCP	18"	93	286.88	280.70	6.62%
P #20 BEGIN: CB #17 END: SDMH #501	RCP	30"	36	279.70	278.80	2.51%
P #21 BEGIN: SDMH #501 END: FES #301	RCP	30"	42	278.60	277.00	3.83%
P #22 BEGIN: OCS #401 END: FES #302	RCP	18"	59	274.00	269.00	8.47%
P #23 BEGIN: CB #18 END: CB #19	RCP	15"	33	305.47	305.14	1.02%
P #24 BEGIN: CB #19 END: CB #27	RCP	15"	150	304.94	299.27	3.79%
P #25 BEGIN: CB #21 END: CB #22	RCP	15"	44	319.35	316.93	5.53%
P #26 BEGIN: CB #22 END: CB #23	RCP	18"	51	315.93	312.38	6.92%
P #27 BEGIN: CB #23 END: CB #24	RCP	18"	31	312.18	311.06	3.68%
P #28 BEGIN: CB #24 END: CB #26	RCP	24"	153	310.86	302.91	5.20%
P #29 BEGIN: CB #25 END: CB #26	RCP	15"	26	304.45	303.84	2.38%
P #30 BEGIN: CB #26 END: CB #27	RCP	24"	151	302.71	297.78	3.26%
P #31 BEGIN: CB #20 END: CB #27	RCP	18"	26	302.15	300.08	8.05%
P #32 BEGIN: CB #27 END: SDMH #502	RCP	24"	148	297.58	294.70	1.95%
P #34 BEGIN: SDMH #502 END: CB #34	RCP	24"	119	293.57	290.79	2.33%
P #35 BEGIN: CB #28 END: CB #29	RCP	15"	48	302.61	302.06	1.14%

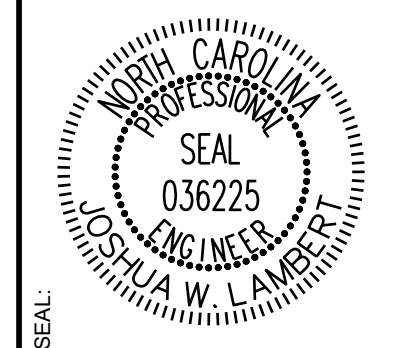
PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #36 BEGIN: CB #29 END: CB #31	RCP	18"	161	301.69	297.01	2.91%
P #37 BEGIN: CB #30 END: CB #31	RCP	15"	43	297.44	297.23	0.50%
P #38 BEGIN: CB #31 END: CB #32	RCP	24"	46	296.51	294.62	4.14%
P #39 BEGIN: CB #32 END: CB #33	RCP	24"	82	294.42	293.23	1.44%
P #40 BEGIN: CB #33 END: CB #34	RCP	30"	101	292.69	291.03	1.64%
P #41 BEGIN: CB #34 END: CB #35	RCP	30"	26	290.59	290.46	0.50%
P #42 BEGIN: CB #35 END: CB #37	RCP	30"	105	290.17	289.55	0.59%
P #43 BEGIN: CB #36 END: CB #37	RCP	15"	26	291.00	290.31	2.66%
P #44 BEGIN: CB #37 END: SDMH #503	RCP	36"	90	289.07	287.45	1.79%
P #45 BEGIN: CB #38 END: CB #39	RCP	15"	27	292.82	292.15	2.50%
P #46 BEGIN: CB #39 END: SDMH #503	RCP	18"	43	291.74	288.54	7.50%
P #47 BEGIN: SDMH #503 END: FES #303	RCP	36"	43	287.25	287.00	0.58%
P #48 BEGIN: OCS #402 END: FES #304	RCP	18"	37	283.00	281.84	3.17%
P #49 BEGIN: N #01 END: N #02	RCP	42"	54	273.28	274.58	2.42%
P #50 BEGIN: CB #40 END: CB #41	RCP	15"	26	289.37	289.24	0.50%
P #51 BEGIN: CB #41 END: CB #42	RCP	15"	104	289.04	288.52	0.50%
P #52 BEGIN: CB #42 END: CB #44	RCP	18"	88	288.26	287.82	0.50%
P #53 BEGIN: CB #43 END: CB #44	RCP	15"	26	288.19	288.06	0.50%
P #54 BEGIN: CB #44 END: CB #46	RCP	18"	87	287.62	287.18	0.50%
P #55 BEGIN: CB #45 END: CB #46	RCP	15"	26	289.07	288.94	0.50%
P #56 BEGIN: CB #46 END: CB #57	RCP	24"	133	286.98	286.32	0.50%
P #57 BEGIN: CB #47 END: CB #48	RCP	15"	28	336.69	336.20	1.73%
P #58 BEGIN: CB #48 END: CB #50	RCP	18"	180	335.93	326.03	5.50%
P #59 BEGIN: CB #49 END: CB #50	RCP	15"	26	326.36	326.23	0.50%
P #60 BEGIN: CB #50 END: CB #52	RCP	18"	180	325.83	316.23	5.33%
P #61 BEGIN: CB #51 END: CB #52	RCP	15"	26	316.52	316.39	0.50%
P #62 BEGIN: CB #52 END: CB #54	RCP	24"	200	315.69	304.78	5.45%
P #63 BEGIN: CB #53 END: CB #54	RCP	15"	26	305.59	305.46	0.50%
P #64 BEGIN: CB #54 END: CB #55	RCP	24"	89	304.44	296.67	8.70%
P #65 BEGIN: CB #55 END: CB #57	RCP	30"	125	296.47	286.46	8.03%
P #66 BEGIN: CB #56 END: CB #57	RCP	15"	26	285.21	284.89	1.23%
P #67 BEGIN: CB #57 END: SDMH #504	RCP	30"	253	284.69	279.42	2.08%
P #68 BEGIN: CB #58 END: CB #59	RCP	15"	26	317.74	316.22	5.90%
P #69 BEGIN: CB #59 END: CB #61	RCP	30"	150	314.25	313.50	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #70 BEGIN: CB #60 END: CB #61	RCP	15"	26	316.71	315.34	5.37%
P #71 BEGIN: CB #61 END: CB #63	RCP	30"	209	313.30	301.26	5.75%
P #72 BEGIN: CB #62 END: CB #63	RCP	15"	26	303.67	302.96	2.74%
P #73 BEGIN: CB #63 END: CB #65	RCP	30"	131	301.06	297.43	2.77%
P #74 BEGIN: CB #64 END: CB #65	RCP	15"	26	299.14	298.04	4.31%
P #75 BEGIN: CB #65 END: CB #66	RCP	30"	52	297.23	295.77	2.83%
P #76 BEGIN: CB #66 END: CB #69	RCP	30"	26	294.57	293.65	3.57%
P #77 BEGIN: CB #67 END: CB #68	RCP	15"	28	300.94	300.76	0.63%
P #78 BEGIN: CB #68 END: CB #69	RCP	18"	120	300.56	294.00	5.46%
P #79 BEGIN: CB #69 END: SDMH #504	RCP	30"	157	292.79	278.97	8.79%
P #80 BEGIN: SDMH #504 END: FES #305	RCP	36"	35	278.77	278.00	2.21%
P #81 BEGIN: OCS #403 END: FES #306	RCP	18"	48	275.00	270.40	9.56%
P #82 BEGIN: CB #70 END: CB #71	RCP	15"	28	298.34	298.20	0.50%
P #83 BEGIN: CB #71 END: CB #73	RCP	15"	165	298.00	297.17	0.50%
P #84 BEGIN: YI #603 END: CB #73	RCP	15"	16	298.25	297.33	5.83%
P #85 BEGIN: CB #72 END: CB #73	RCP	15"	26	297.36	297.23	0.50%
P #86 BEGIN: CB #73 END: CB #74	RCP	18"	86	296.97	294.99	2.32%
P #87 BEGIN: CB #74 END: CB #75	RCP	18"	109	294.78	288.00	6.22%
P #88 BEGIN: CB #75 END: CB #77	RCP	18"	152	287.41	283.96	2.26%
P #89 BEGIN: CB #76 END: CB #77	RCP	15"	26	284.74	284.61	0.50%
P #90 BEGIN: CB #77 END: CB #78	RCP	24"	100	283.75	283.25	0.50%
P #91 BEGIN: CB #78 END: CB #79	RCP	24"	26	283.05	282.92	0.50%
P #92 BEGIN: CB #79 END: SDMH #505	RCP	30"	36	282.72	282.54	0.50%
P #93 BEGIN: SDMH #505 END: SDMH #506	RCP	30"	128	282.34	271.36	8.60%
P #94 BEGIN: SDMH #506 END: FES #307	RCP	30"	32	271.16	270.00	3.62%
P #95 BEGIN: OCS #404 END: FES #308	RCP	15"	31	267.00	266.00	3.27%
P #96 BEGIN: N #03 END: N #04	RCP	42"	53	281.10	280.66	0.84%
P #97 BEGIN: CB #80 END: CB #81	RCP	15"	26	341.74	341.61	0.50%
P #98 BEGIN: CB #81 END: CB #82	RCP	15"	44	341.34	340.69	1.48%
P #99 BEGIN: CB #82 END: CB #83	RCP	15"	38	340.49	340.30	0.50%
P #100 BEGIN: CB #83 END: CB #85	RCP	18"	185	340.10	334.80	2.86%
P #101 BEGIN: CB #84 END: CB #85	RCP	15"	38	335.09	334.90	0.50%
P #102 BEGIN: CB #85 END: CB #86	RCP	18"	119	334.60	327.83	5.68%
P #103 BEGIN: CB #86 END: CB #87	RCP	18"	38	327.63	326.66	2.56%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #104 BEGIN: CB #87 END: CB #93	RCP	18"	56	324.16	319.65	8.03%
P #105 BEGIN: CB #88 END: CB #89	CLASS IV RCP	15"	38	319.69	319.50	0.50%
P #106 BEGIN: CB #89 END: CB #90	CLASS IV RCP	18"	165	319.30	318.48	0.50%
P #107 BEGIN: CB #90 END: CB #91	RCP	18"	38	318.28	318.09	0.50%
P #108 BEGIN: CB #91 END: CB #92	RCP	18"	44	317.89	317.67	0.50%
P #109 BEGIN: CB #92 END: CB #93	RCP	24"	26	317.47	317.35	0.50%
P #110 BEGIN: CB #93 END: CB #94	RCP	24"	155	317.15	316.37	0.50%
P #111 BEGIN: CB #94 END: CB #95	RCP	24"	158	316.17	315.38	0.50%
P #112 BEGIN: CB #95 END:	RCP	30"	150	315.18	314.43	0.50%
P #113 BEGIN: CB #96 END: N #06	RCP	15"	68	329.00	328.50	0.75%
P #114 BEGIN: CB #97 END: CB #99	RCP	15"	69	328.30	325.87	3.49%
P #115 BEGIN: OCS #408 END: CB #99	RCP	15"	27	326.51	325.87	2.35%
P #116 BEGIN: OCS #407 END: CB #101	RCP	18"	45	325.47	321.53	8.73%
P #117 BEGIN: CB #100 END: CB #101	RCP	15"	26	321.60	321.47	0.50%
P #118 BEGIN: YI #604 END: CB #102	RCP	18"	141	320.63	314.65	4.24%
P #119 BEGIN: CB #102 END: CB #104	RCP	18"	62	314.45	314.14	0.50%
P #120 BEGIN: CB #103 END: CB #104	RCP	15"	26	314.91	314.79	0.50%
P #121 BEGIN: CB #104 END: CB #106	RCP	24"	144	313.94	313.22	0.50%
P #122 BEGIN: CB #105 END: CB #106	RCP	15"	26	314.86	313.58	4.99%
P #123 BEGIN: CB #106 END: CB #107	RCP	24"	148	313.02	309.29	2.51%
P #124 BEGIN: CB #107 END: CB #108	RCP	24"	81	309.09	304.92	5.13%
P #125 BEGIN: CB #108 END: CB #109	RCP	24"	26	304.72	303.15	6.11%
P #126 BEGIN: CB #109 END: FES #309	RCP	30"	29	301.15	300.02	3.81%
P #127 BEGIN: OCS #405 END: FES #310	RCP	18"	50	297.00	292.15	9.64%
P #128 BEGIN: CB #110 END: CB #111	RCP	15"	26	328.29	328.16	0.50%
P #129 BEGIN: OCS #411 END: CB #112	RCP	15"	45	327.85	324.04	8.41%
P #130 BEGIN: CB #112 END: N #04	RCP	18"	26	323.84	323.32	2.02%
P #131 BEGIN: CB #113 END: CB #115	RCP	18"	78	323.12	321.45	2.14%
P #132 BEGIN: CB #114 END: CB #115	CLASS IV RCP	15"	29	323.61	323.14	1.67%
P #133 BEGIN: CB #115 END: CB #116	RCP	18"	74	321.10	317.05	5.47%
P #134 BEGIN: CB #116 END: YI #604	RCP	18"	135	316.85	305.28	8.54%
P #135 BEGIN: YI #604 END: YI #606	RCP	24"	76	304.74	300.57	5.45%
P #136 BEGIN: YI #605 END: YI #606	RCP	18"	41	303.00	301.06	4.73%
P #137 BEGIN: YI #606 END: YI #607	RCP	24"	76	300.37	299.99	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #138 BEGIN: YI #607 END: CB #117	RCP	24"	123	299.73	296.84	2.36%
P #139 BEGIN: CB #117 END: CB #118	RCP	24"	26	296.64	296.51	0.50%
P #140 BEGIN: CB #118 END: CB #119	RCP	30"	67	296.25	293.20	4.53%
P #141 BEGIN: CB #119 END: CB #121	RCP	30"	128	292.80	290.12	2.10%
P #142 BEGIN: CB #120 END: CB #121	RCP	18"	26	291.40	291.28	0.50%
P #143 BEGIN: CB #121 END: CB #123	RCP	30"	148	289.92	284.66	3.55%
P #144 BEGIN: CB #122 END: CB #123	RCP	15"	26	287.29	286.21	4.21%
P #145 BEGIN: CB #123 END: F						

11/01/2024	11/01/2024
02/03/2025	02/03/2025
01	02
TOWN OF ROLESVILLE CID-24-07	TOWN OF ROLESVILLE VZ-CID-24-07
NO.	REVISIONS
DATE	BY



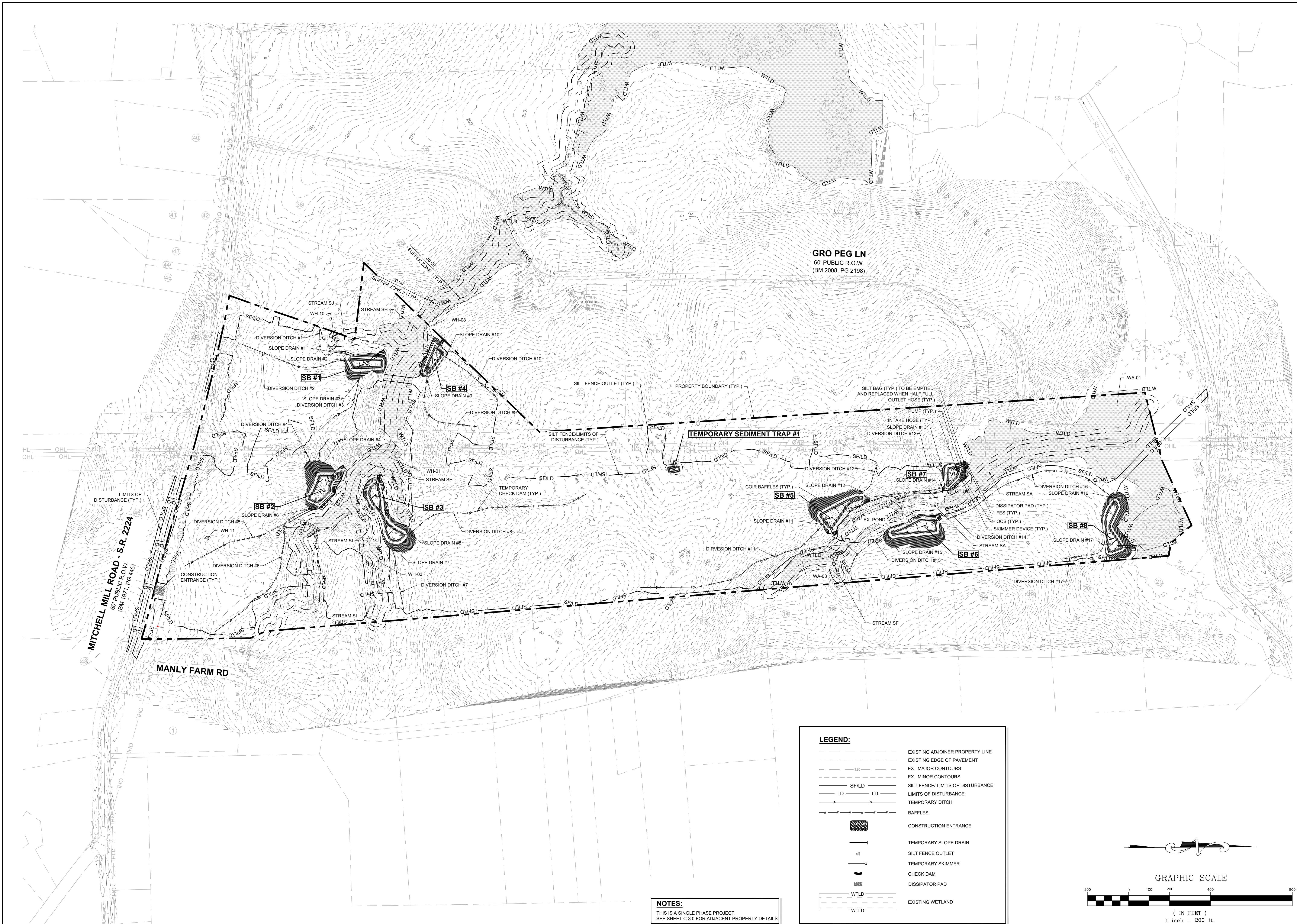
STRONGROCK
ENGINEERING GROUP

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

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

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
OVERALL STAGE 1

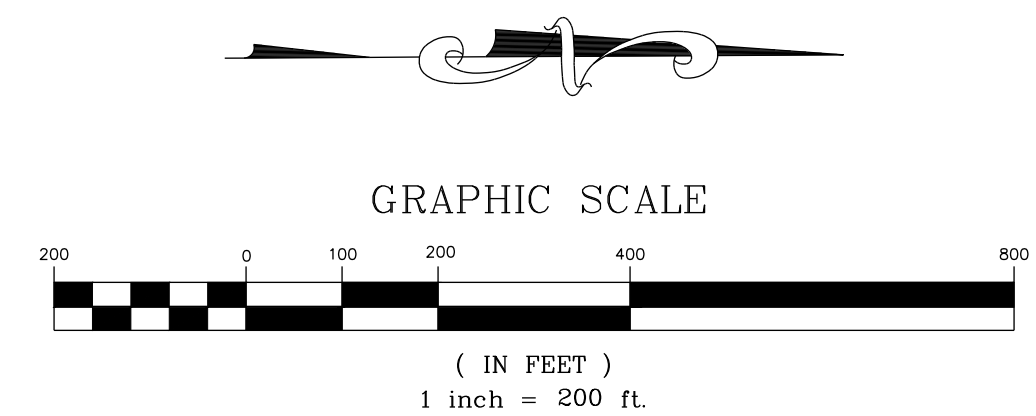
DRAWING SHEET
C-9.1



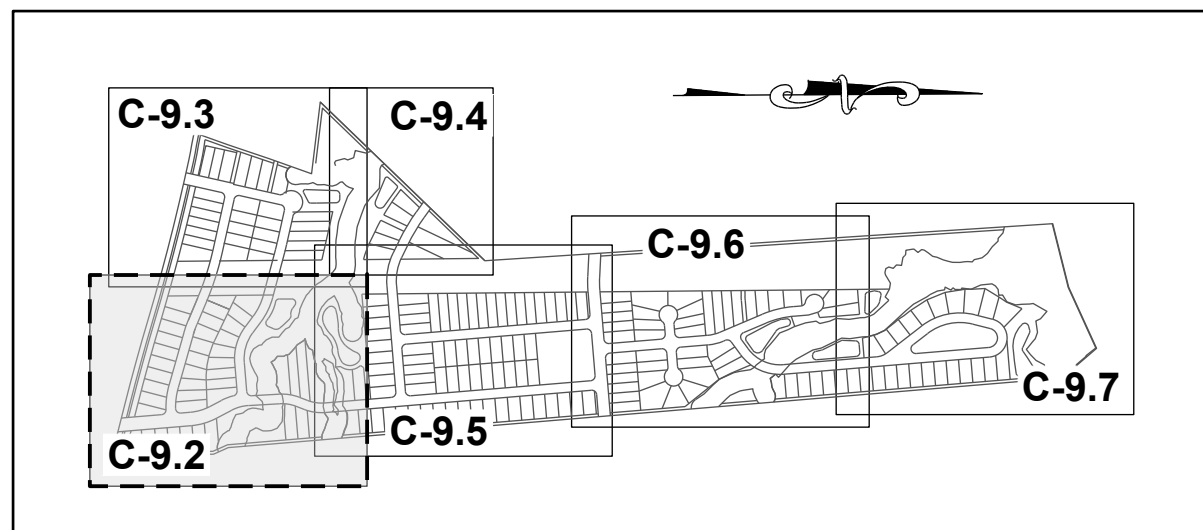
NOTES:
THIS IS A SINGLE PHASE PROJECT.
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

- EXISTING ADJOINER PROPERTY LINE
- - - EXISTING EDGE OF PAVEMENT
- 320 --- EX. MAJOR CONTOURS
- EX. MINOR CONTOURS
- - - SF/LD --- SILT FENCE/ LIMITS OF DISTURBANCE
- - - LD --- LIMITS OF DISTURBANCE
- TEMPORARY DITCH
- BAFFLES
- CONSTRUCTION ENTRANCE
- TEMPORARY SLOPE DRAIN
- SILT FENCE OUTLET
- TEMPORARY SKIMMER
- CHECK DAM
- DISSIPATOR PAD
- WTLD --- EXISTING WETLAND



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SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



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

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

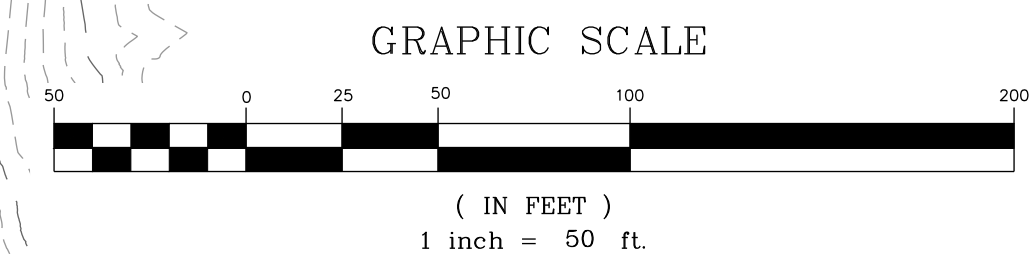
N/F
JONES, CHARLES, ET.AL
PIN: 1757856303
DB: 13359 PG: 400
ZONING: R-30 (WC) USE: AG

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

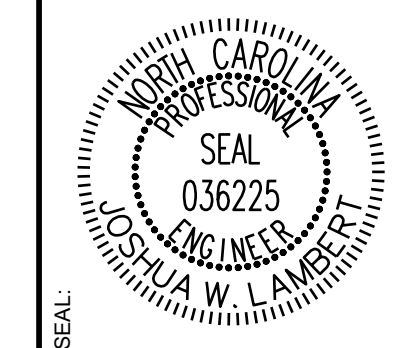
N/F
JONES, CHARLES SPENCER
PIN: 1757857937
DB: 9320 PG: 1460
BM 1993 PG 446
ZONING: R-30 (WC) USE: SF

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

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



NO.	REVISIONS	DATE	BY
01			
02			



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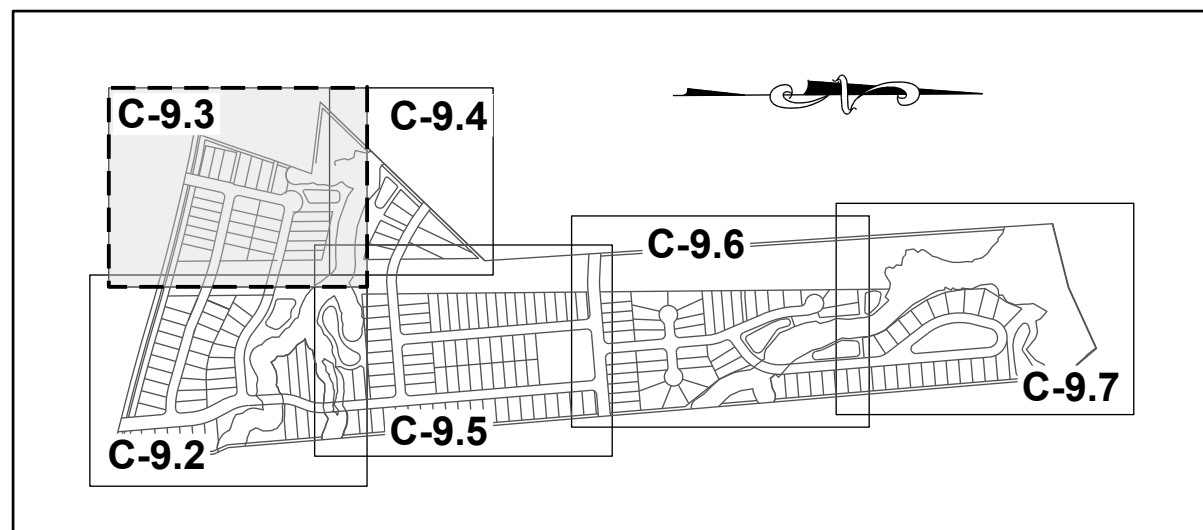
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 1

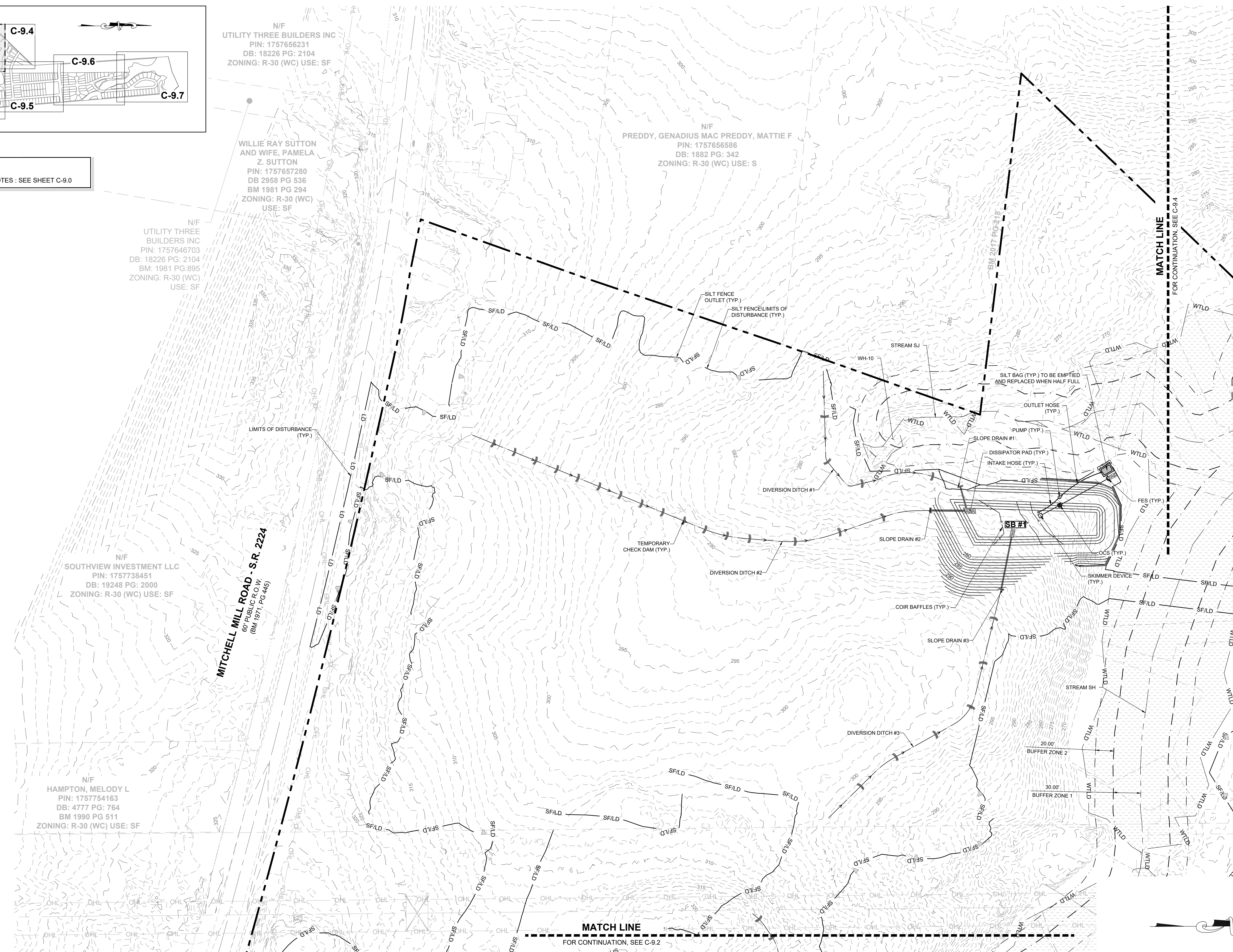
DRAWING SHEET
C-9.2

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SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



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

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

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

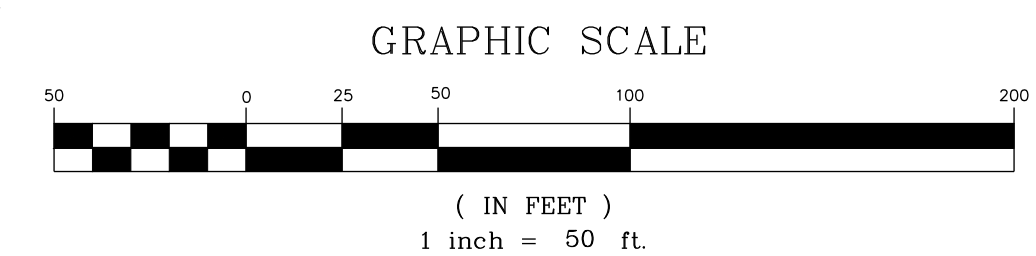
N/F
SOUTHVIEW INVESTMENT LLC
PIN: 1757738451
DB: 19248 PG: 2000
ZONING: R-30 (WC) USE: SF

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

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

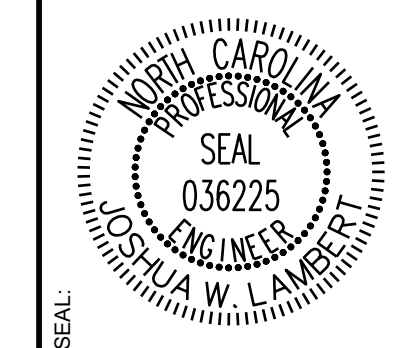
MATCH LINE
FOR CONTINUATION, SEE C-9.2

MATCH LINE
FOR CONTINUATION, SEE C-9.4



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NO.	REVISIONS	DATE	BY
01			
02			



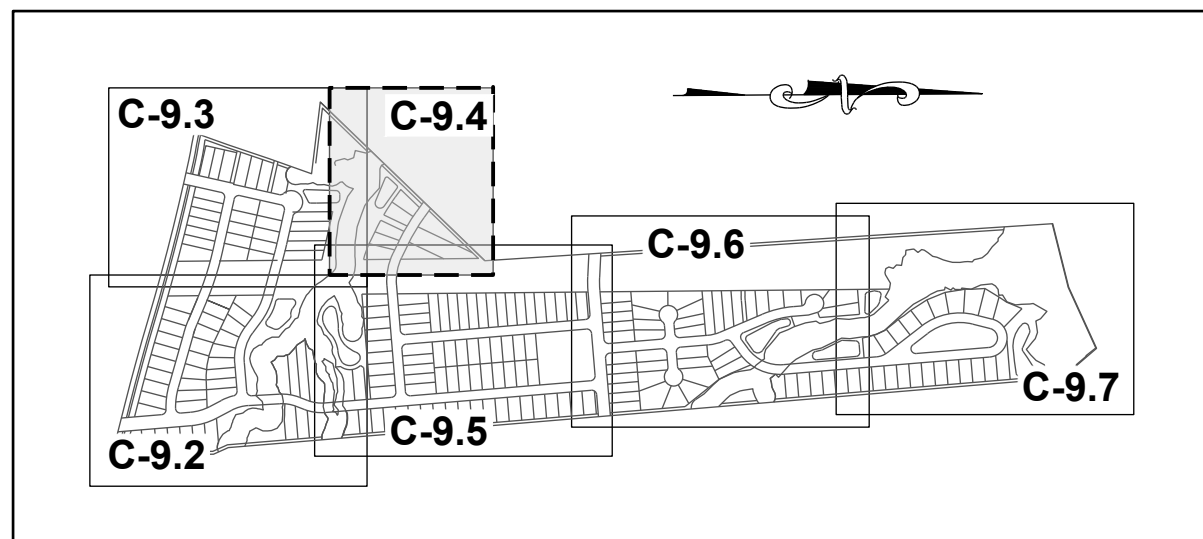
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY
			JWL	SRG	JWL

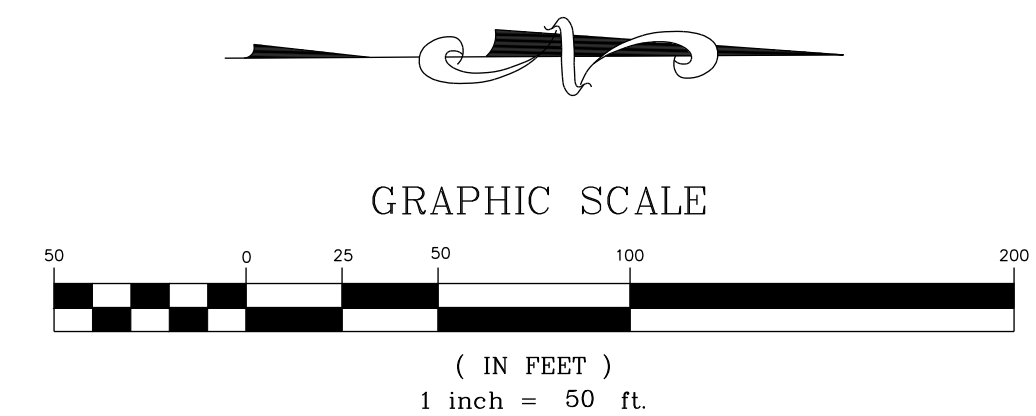
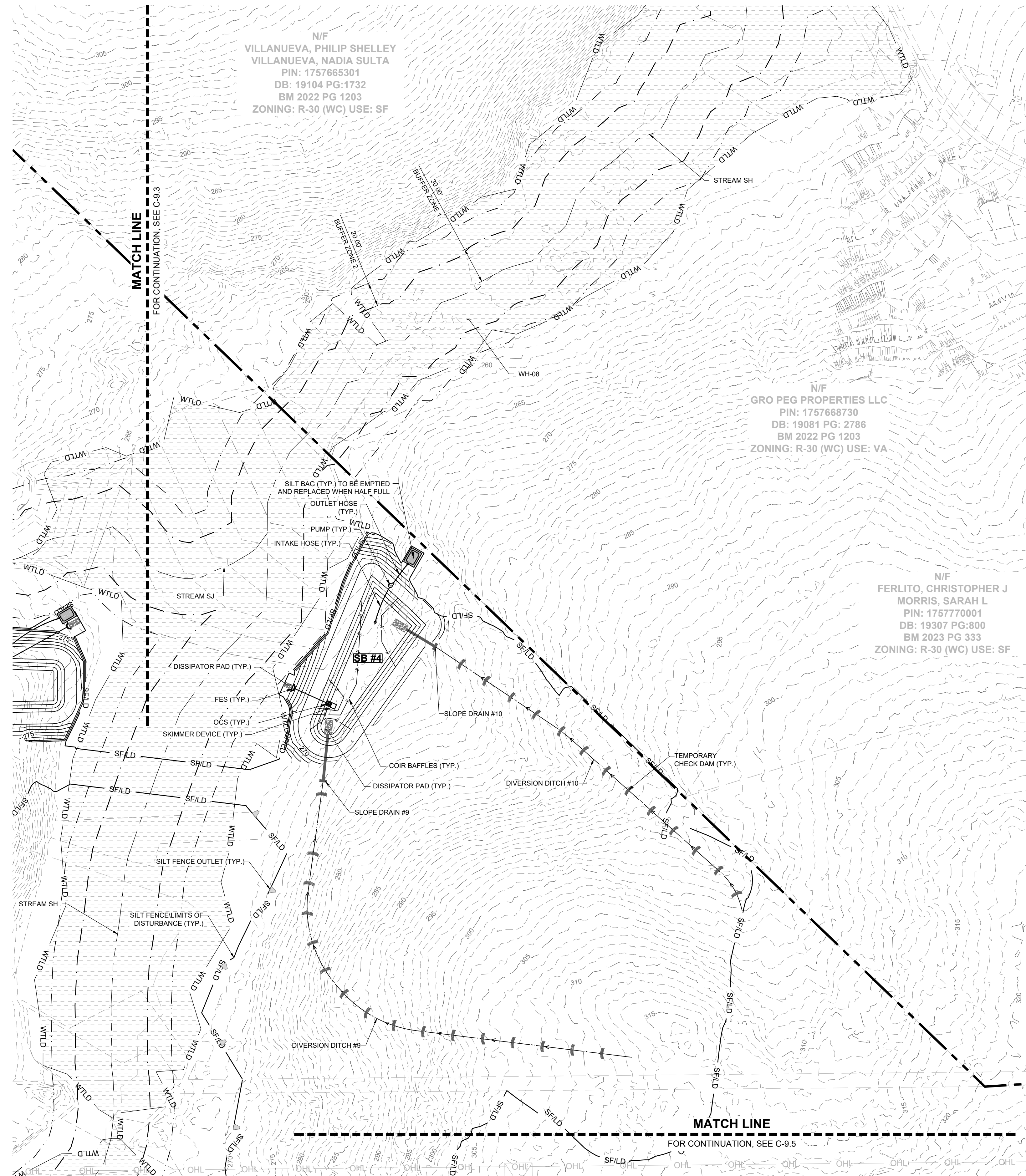
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 1

DRAWING SHEET
C-9.3



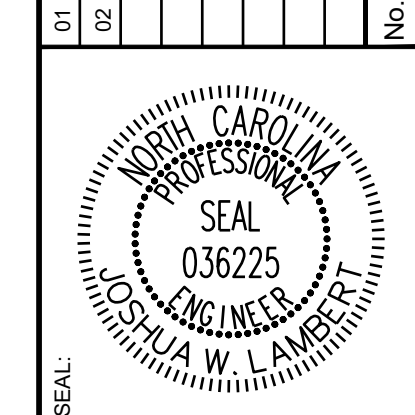
SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



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NO.	DATE	REVISIONS	BY
01	11/01/2024		
02	02/03/2025		



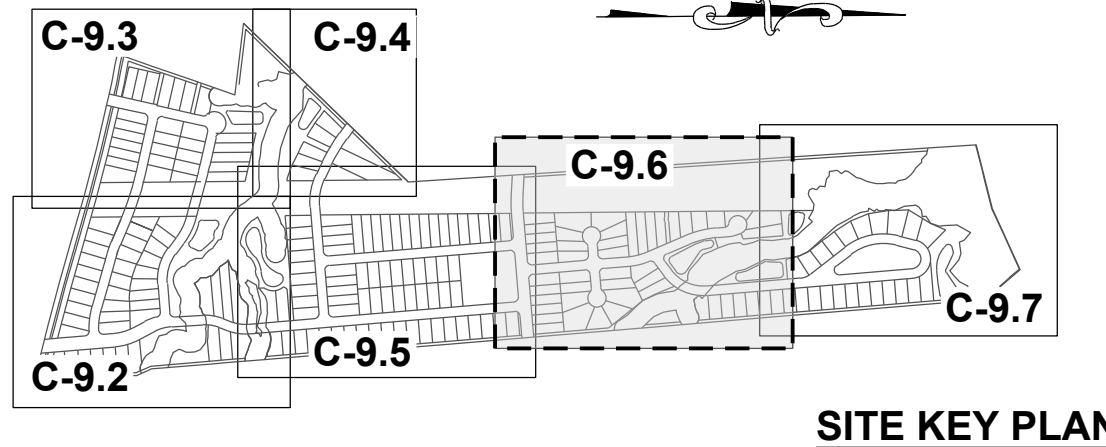
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 1

DRAWING SHEET
C-9.4



NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

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

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

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

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

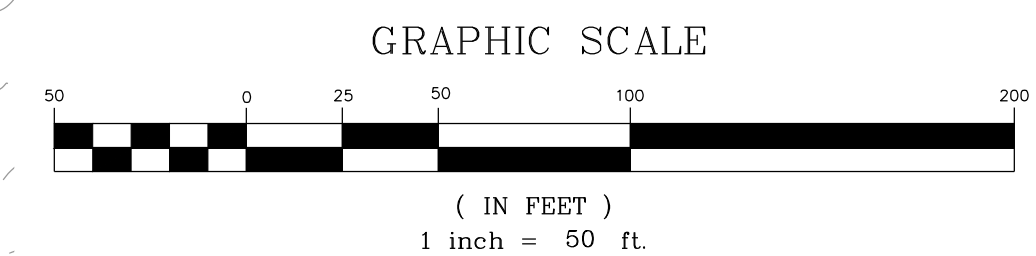
N/F
JONES, CHARLES SPENCE
PIN: 1757884608
DB: 5319 PG: 135
BM 1994 PG 1952
ZONING: R-30 (WC) USE: SF

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



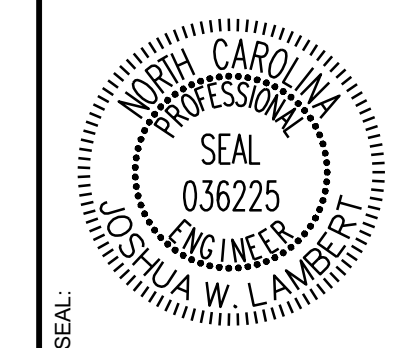
MATCH LINE
FOR CONTINUATION, SEE C-9.5

MATCH LINE
FOR CONTINUATION, SEE C-9.7



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NO.	REVISIONS	DATE	BY
01			
02			



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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
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 1

DRAWING SHEET
C-9.6

11/01/2024	11/01/2024	BY
TOWN OF ROLESVILLE CID-24-07	TOWN OF ROLESVILLE CID-24-07	DATE
02	02/03/2025	REVISIONS
01		No.



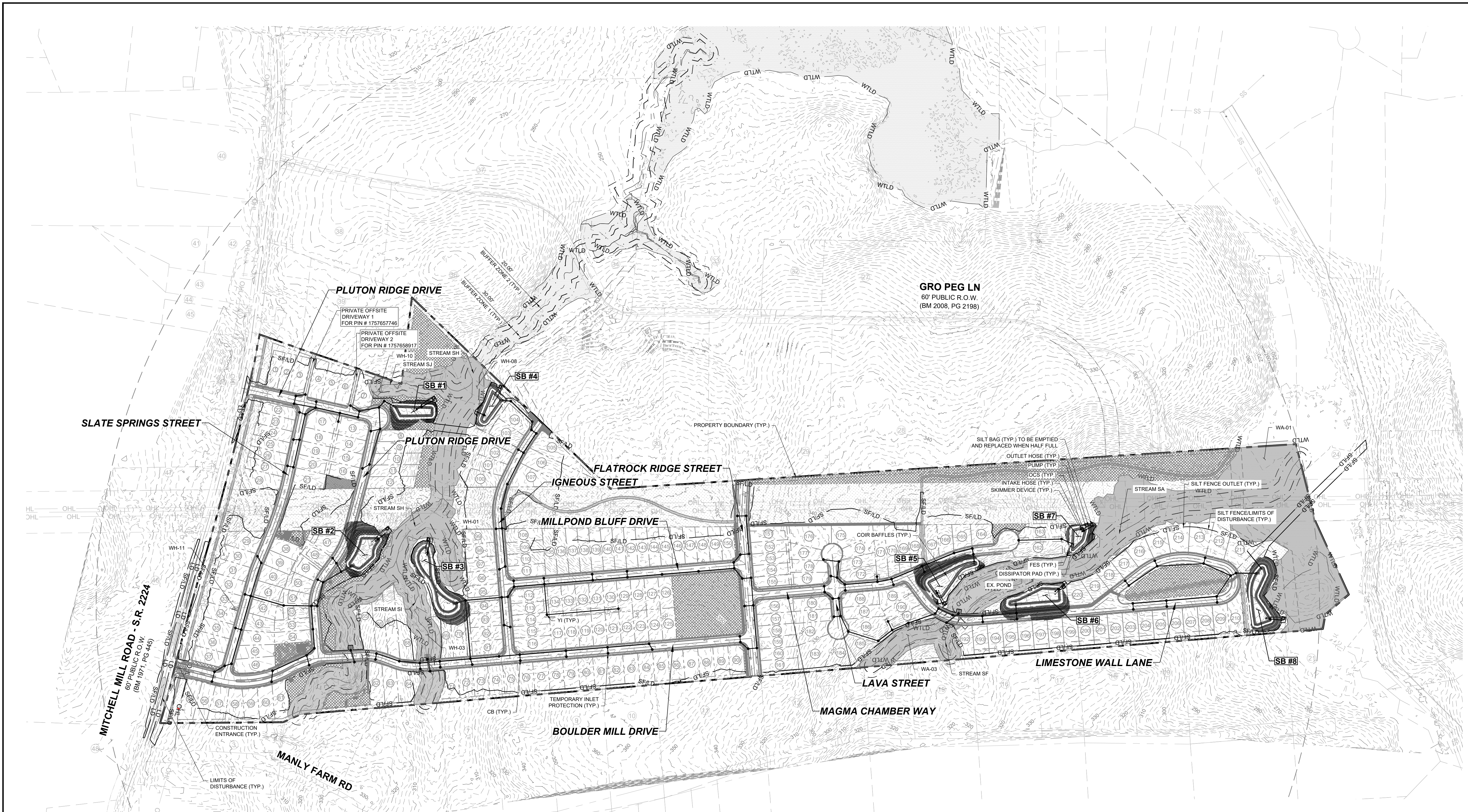
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
OVERALL STAGE 2

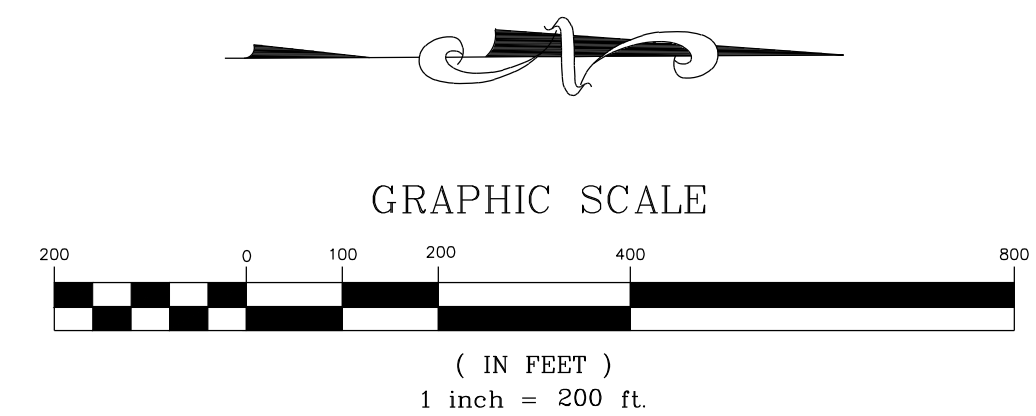
DRAWING SHEET
C-9.8



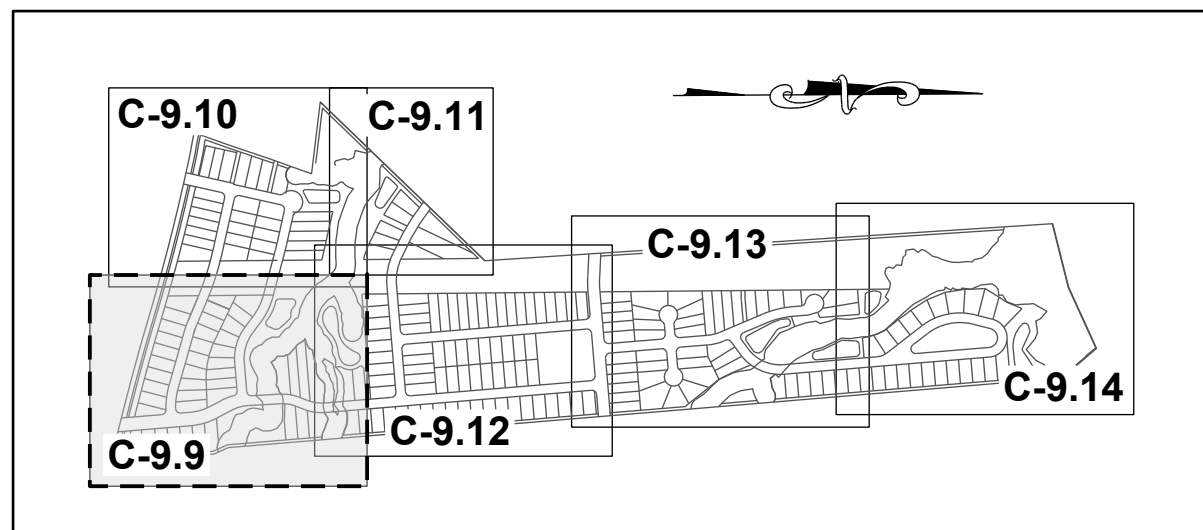
NOTES:
THIS IS A SINGLE PHASE PROJECT.
SEE SHEET C-3.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

- EXISTING ADJOINER PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EX. MAJOR CONTOURS
- EX. MINOR CONTOURS
- STANDARD CURB & GUTTER
- PROPOSED STORM DRAIN LINE
- PROPOSED LOT LINE
- SF/LD SILT FENCE/ LIMITS OF DISTURBANCE
- LD LIMITS OF DISTURBANCE
- BAFFLES
- INLET PROTECTION
- PROPOSED FLARED END SECTION
- TEMPORARY SKIMMER
- SILT FENCE OUTLET
- CONSTRUCTION ENTRANCE
- DISSIPATOR PAD
- EXISTING WETLAND

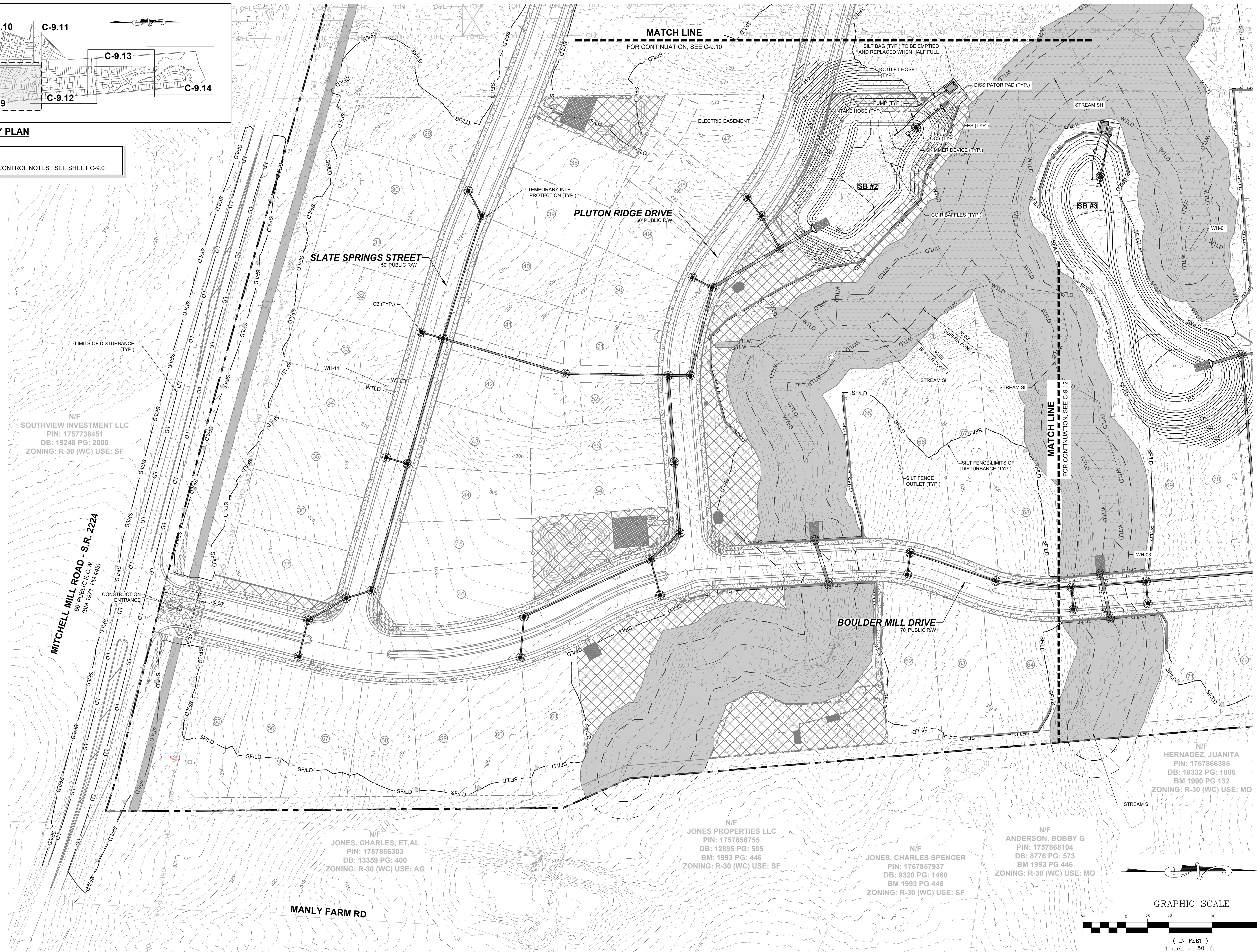


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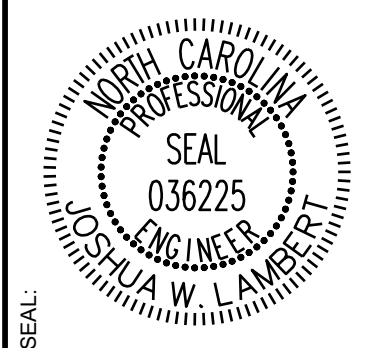


SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES: SEE SHEET C-9.0



NO.	REVISIONS	DATE	BY
01			
02			



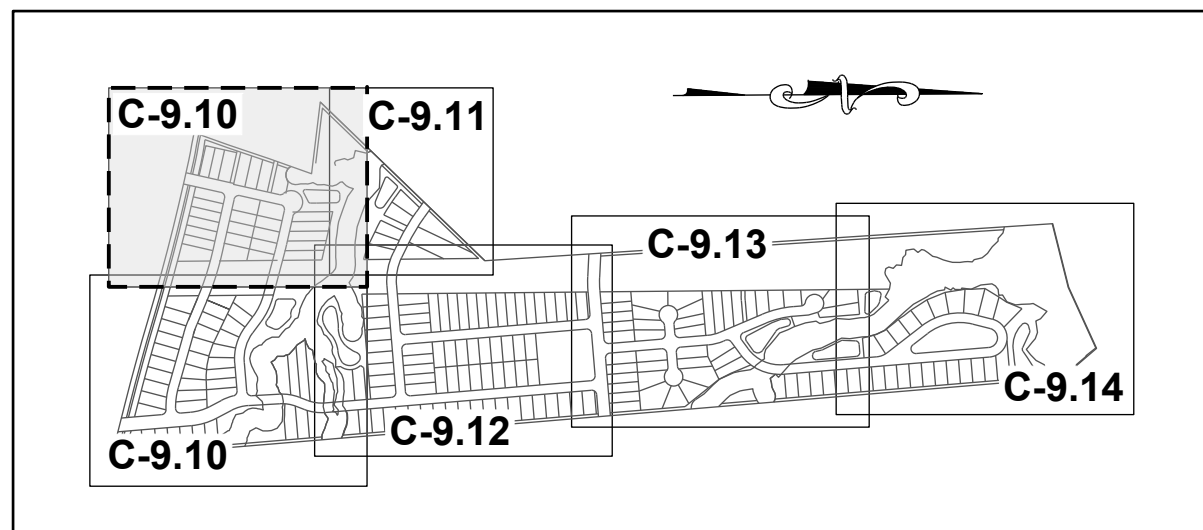
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 2

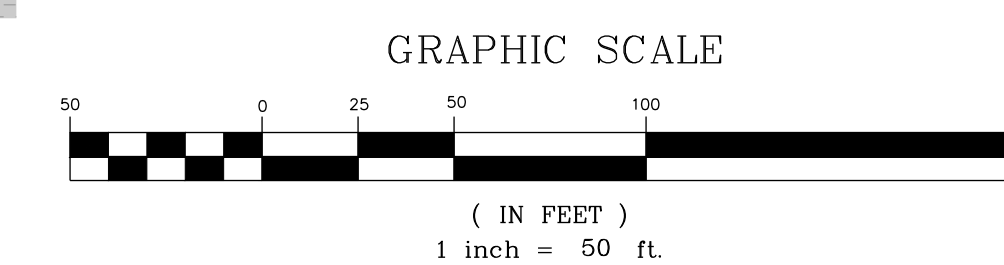
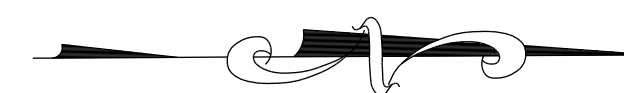
DRAWING SHEET
C-9.9

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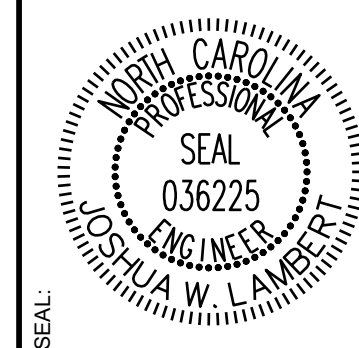
SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



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NO.	REVISIONS	DATE	BY
01			
02			



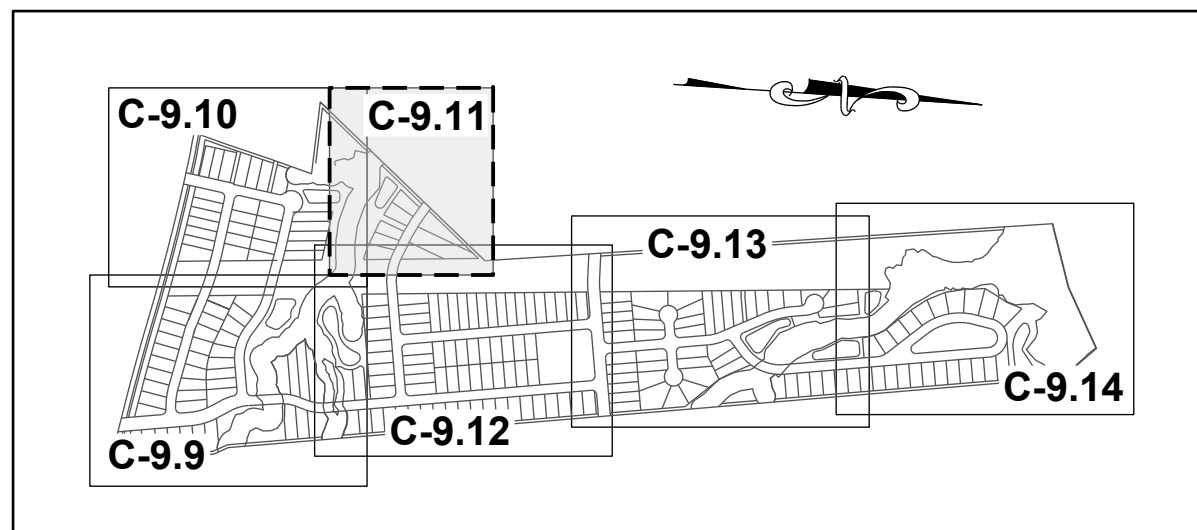
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

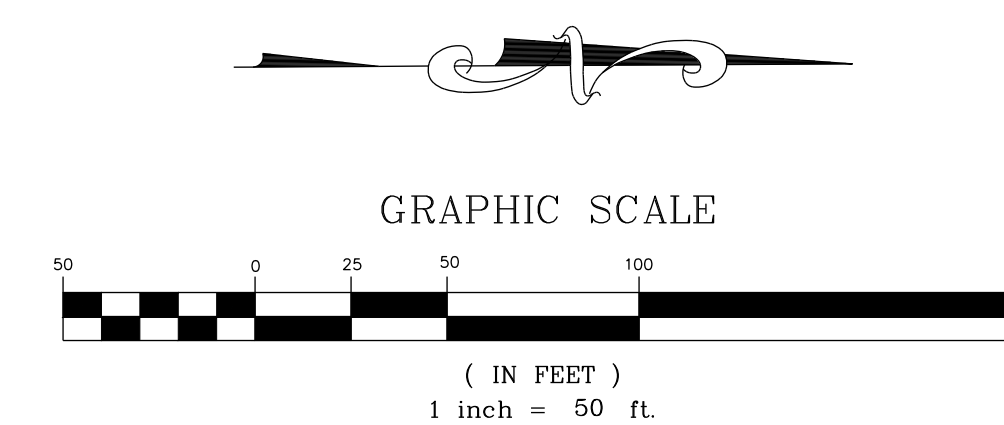
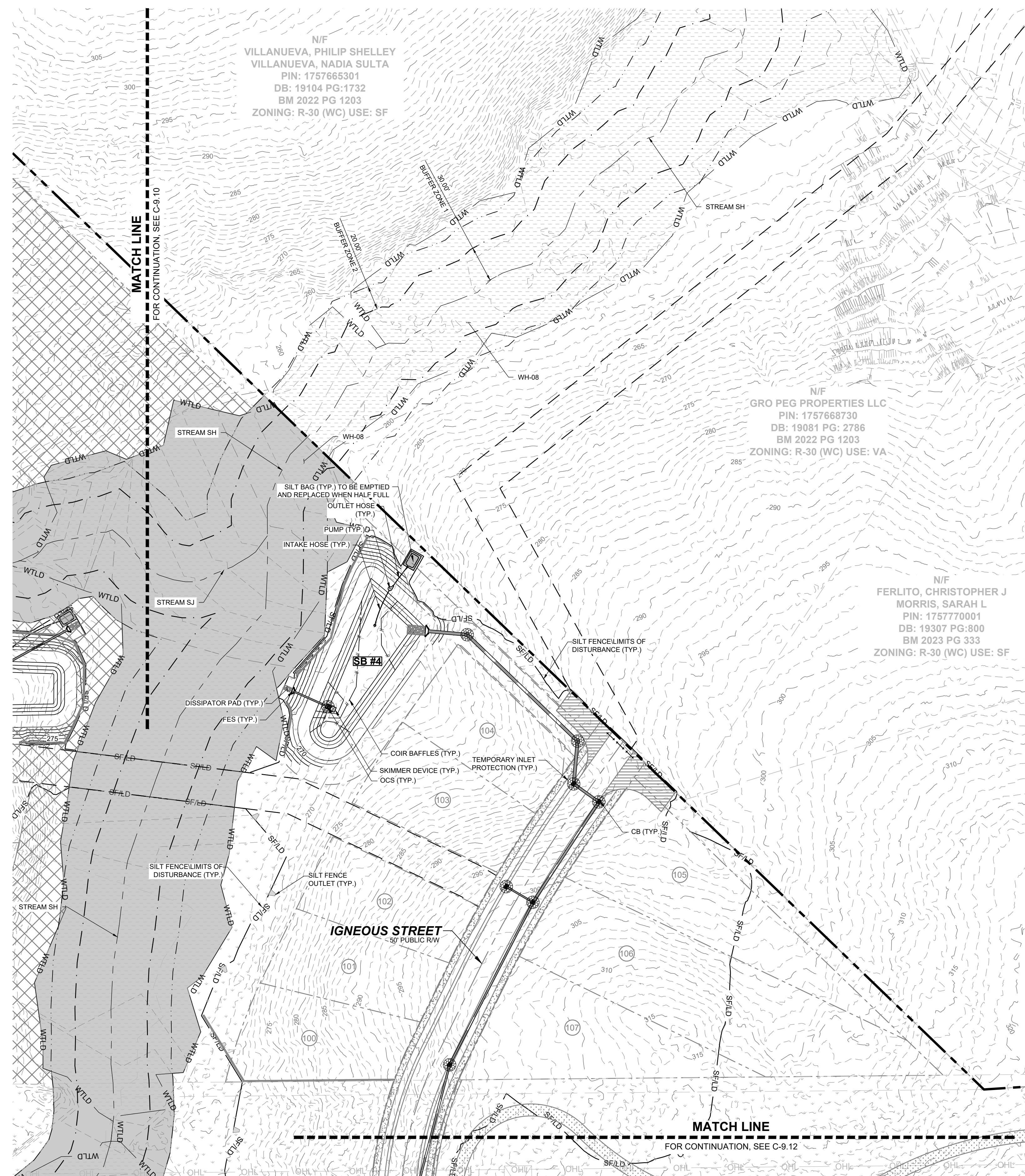
HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 2

DRAWING SHEET
C-9.10
57 OF 129



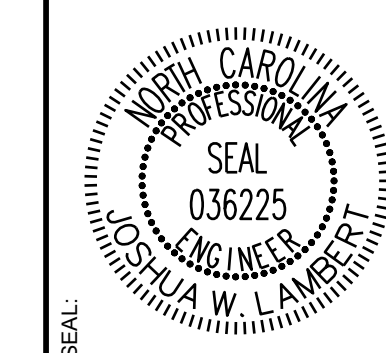
SITE KEY PLAN

NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0



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NO.	DATE	BY	REVISIONS
01	11/01/2024		
02	02/03/2025		



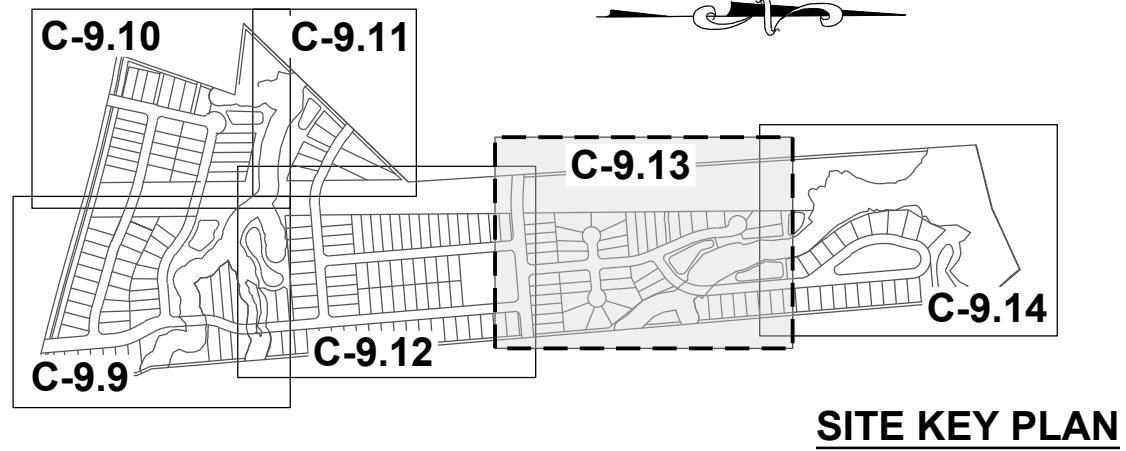
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 2

DRAWING SHEET
C-9.11

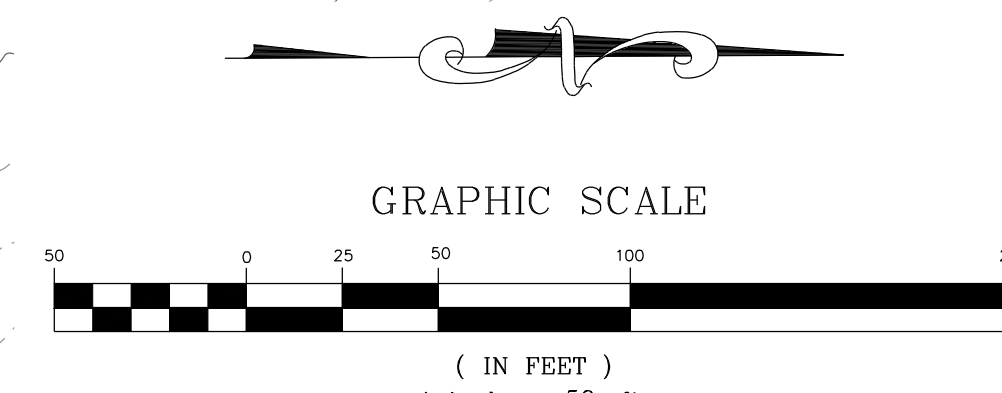
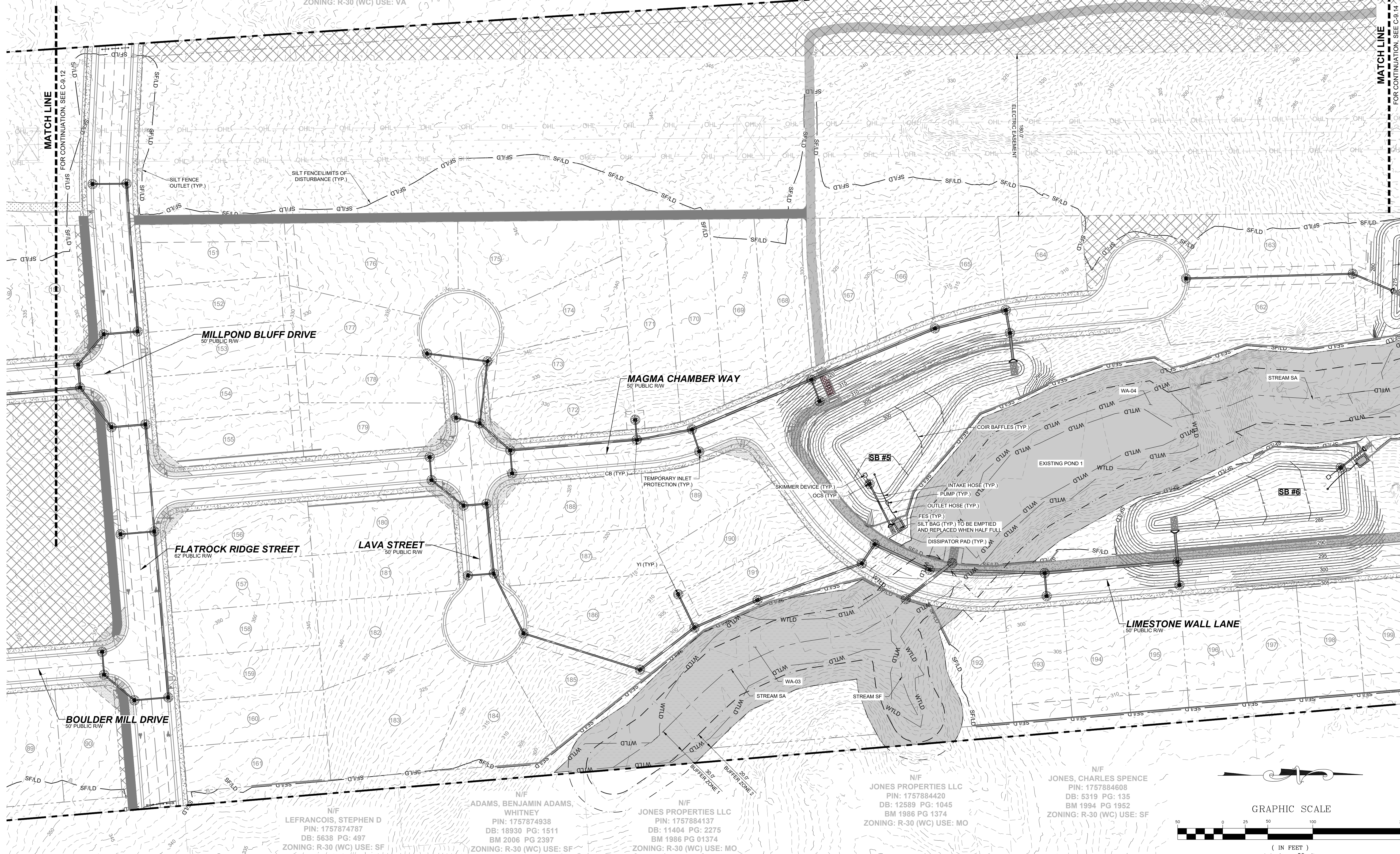


NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

N/F
GRO PEG PROPERTIES LLC
PIN: 175771603
DB: 18359 PG: 1707
BM 2023 PG 333
ZONING: R-30 (WC) USE: VA

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

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



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

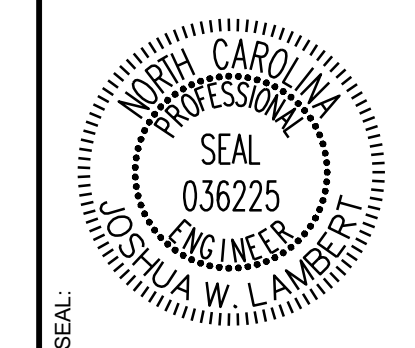
N/F
ADAMS, BENJAMIN ADAMS, WHITNEY
PIN: 1757874938
DB: 18930 PG: 1511
BM 2006 PG 2397
ZONING: R-30 (WC) USE: SF

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

NO.	REVISIONS	DATE	BY
01			
02			



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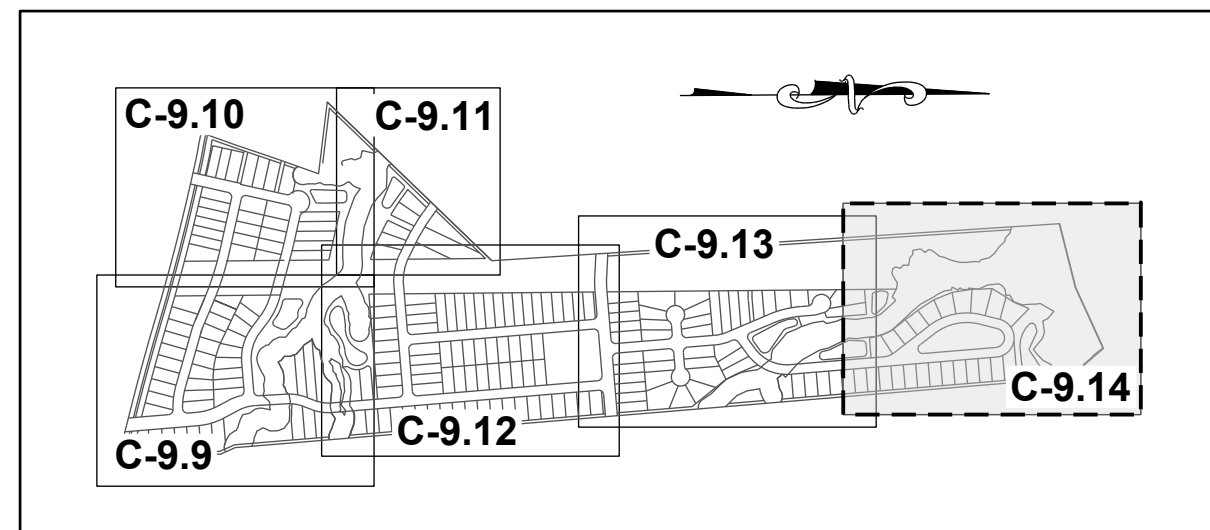
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY
			JWL	SRG	JWL

HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 2

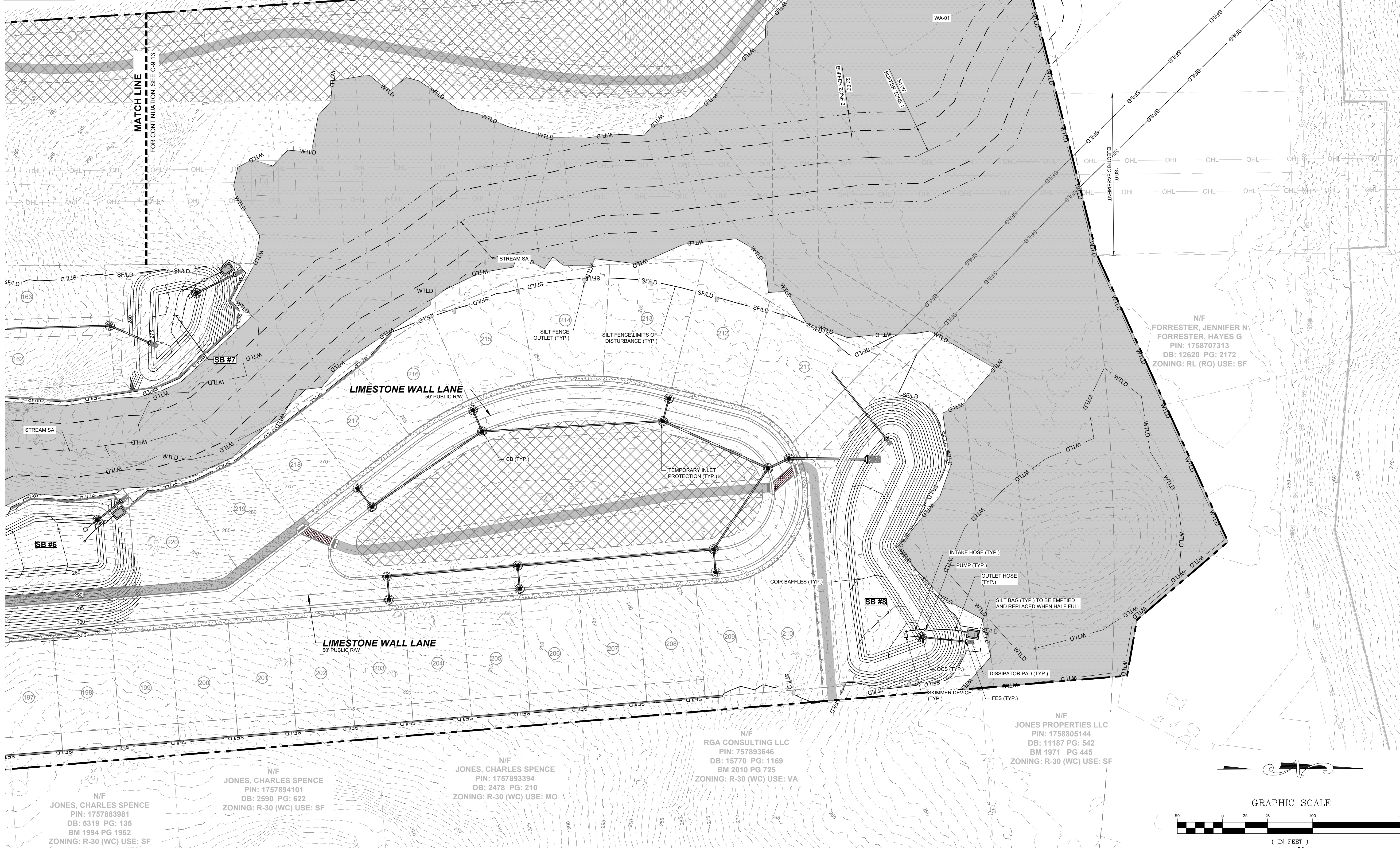
DRAWING SHEET
C-9.13

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NOTE:
EROSION CONTROL NOTES : SEE SHEET C-9.0

SITE KEY PLAN



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

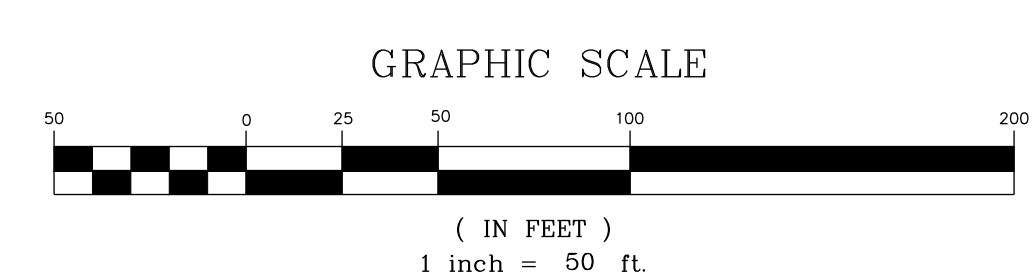
N/F
JONES, CHARLES E
PIN: 1757694902
DB: 8581 PG: 2079
BM 2018 PG 390
ZONING: R-30 (WC) USE: VA

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

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

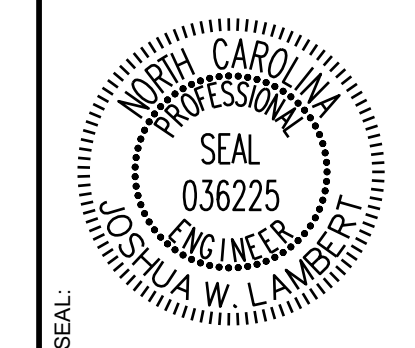
N/F
FORRESTER, JENNIFER N
FORRESTER, HAYES G
PIN: 1758707313
DB: 12620 PG: 2172
ZONING: RL (RO) USE: SF

MATCH LINE
FOR CONTINUATION, SEE C-9.13



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01			
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HILLS AT HARRIS CREEK
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
CONSTRUCTION PLANS
EROSION CONTROL PLAN -
STAGE 2

DRAWING SHEET
C-9.14