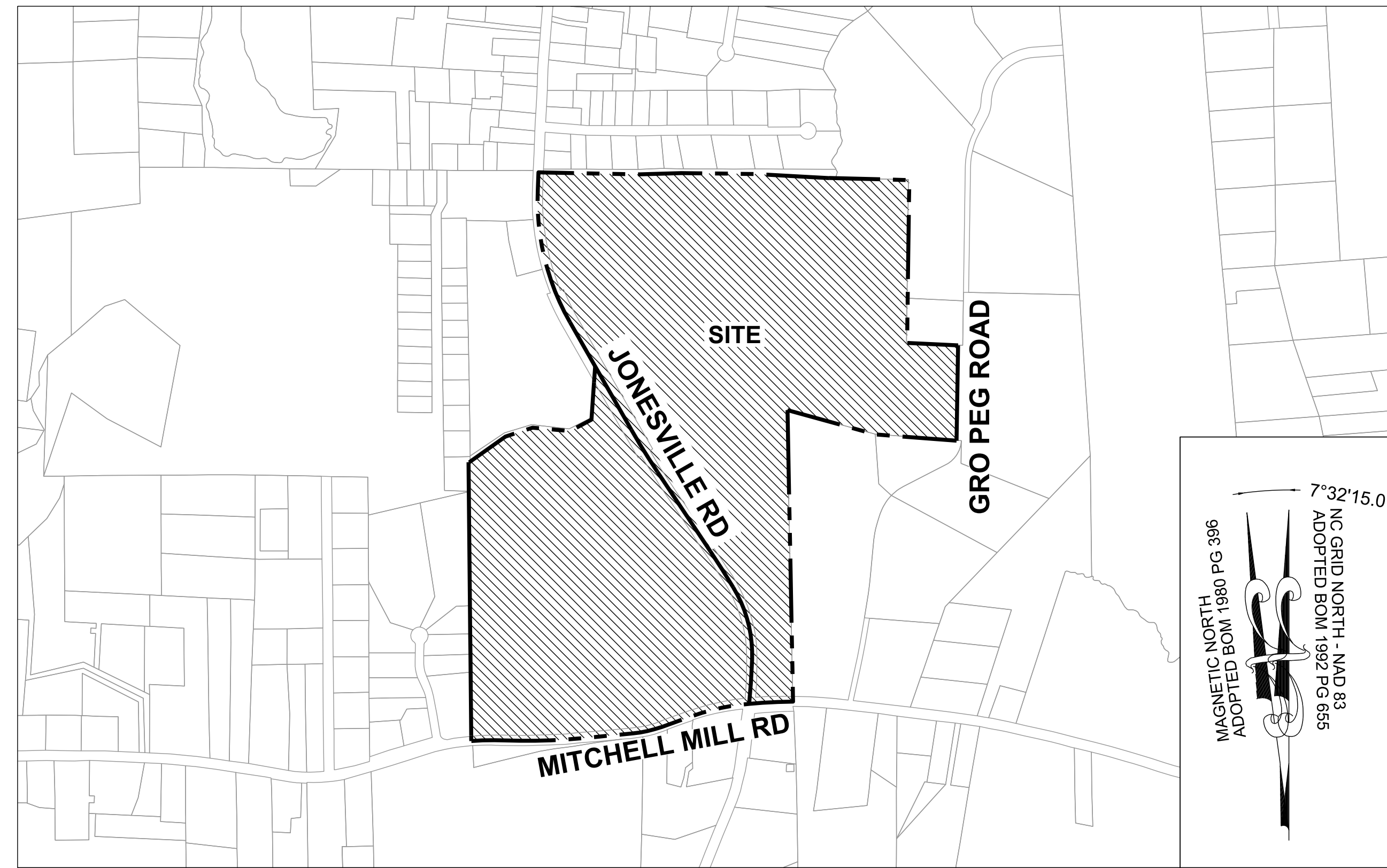


RESERVE @ MITCHELL MILL

PRELIMINARY SUBDIVISION PLAT V6-PSP-23-03

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

SITE INFORMATION:	
LOCATION:	5109 MITCHELL MILL ROAD
COUNTY:	WAKE COUNTY
PARENT PIN:	175751035
DB/PG:	DB 8659, PG 354
ZONING:	RM-CZ & NC-CZ
TOTAL ACREAGE:	6,041,336 SF (138.69 AC)
NC-CZ ZONE ACREAGE:	54.08 AC
RESIDENTIAL ZONE RM-CZ:	84.61 AC
MAXIMUM UNITS PERMITTED:	395 UNITS (134 TOWNHOMES)
ZONING AND ANNEXATION:	MA 22-06 & ANX22-03
BUILDING SETBACKS (MIN) RM-CZ CLUSTER OPTION	
FRONT:	20'
SIDE:	5'
REAR:	20'
CORNER:	10'
BUILDING SETBACKS (MIN) NC-CZ	
FRONT:	15'
SIDE:	10'
REAR:	10'
TOWNHOME SETBACKS NC-CZ	
FRONT 20':	20'
SIDE (STREET FRONTAGE):	10'
REAR:	20'
BUILDING SEPARATION:	30'
PARKING REQUIREMENT:	2.25 CARS PER UNIT
SHOWN UNITS:	118
REQUIRED PARKING:	248
OFF-STREET PARKING:	265
RIGHT OF WAY & OTHER AREAS:	
NATURAL WETLANDS:	1,215,431 SF (27.90 AC)
OVERALL & PERIMETER STANDARDS:	
SITE PERIMETER BUFFER TYPE 2	
THOROUGHFARE BUFFER (JONESVILLE & MITCHELL MILL)	
LOT ACREAGE:	
NC ZONING DISTRICT	
TOTAL NUMBER PROPOSED LOTS:	83 LOTS 118 LOTS
MINIMUM PROPOSED LOT SIZE:	5,000 SF 2,000 SF
MAXIMUM PROPOSED LOT SIZE:	8,545 SF 2,131 SF
MINIMUM LOT WIDTH:	50'
MINIMUM LOT LENGTH:	100'
PROPOSED DENSITY:	4.41 UNITS/AC
MINIMUM COMMERCIAL AREA:	50,000 SF
RM ZONE	
TOTAL NUMBER PROPOSED LOTS:	189 LOTS
MINIMUM PROPOSED LOT SIZE:	5,000 SF
MAXIMUM PROPOSED LOT SIZE:	13,548 SF
MINIMUM LOT WIDTH:	50'
PROPOSED DENSITY:	2.23 UNITS/AC
OPEN SPACE BREAKDOWN:	
SEE OPEN SPACE CHART PAGES C-6	
GREENWAY:	5,311 LF
IMPERVIOUS AREAS:	
NC ZONING DISTRICT	
BUA:	413,891 SF (9.50 AC)
ROADWAYS & SIDEWALKS:	404,587 SF (9.29 AC)
PONDS:	134,640 SF (3.09 AC)
TOTAL ON-SITE IMPERVIOUS AREA:	953,118 SF (21.88 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT:	40.46%
RM-CZ ZONE	
BUA:	625,597 SF (14.36 AC)
ROADWAYS & SIDEWALKS:	476,043 SF (10.93 AC)
PONDS:	145,831 SF (3.35 AC)
TOTAL ON-SITE IMPERVIOUS AREA:	1,247,471 SF (28.64 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT:	33.85%



VICINITY MAP

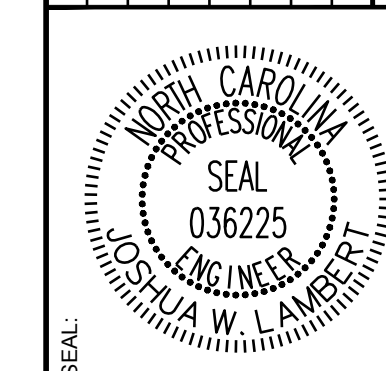
1" = 600'

OWNER:	HOPPER COMMUNITIES CONTACT: BILL HARRELL BHARRELL@HOPPERCOMMUNITIES.COM
SURVEYOR:	THE TIMMONS GROUP 5410 TRINITY ROAD, Suite 102 RALEIGH, NC 27607 TEL 919.866.4951
ENVIRONMENTAL CONSULTANT:	SOIL & ENVIRONMENTAL CONSULTANTS 8412 FALLS OF NEUSE RD, SUITE 104 RALEIGH, NC 27615
CIVIL ENGINEERING:	STRONGROCK ENGINEERING GROUP PO BOX 99552 RALEIGH, NC 27624 INFORMATION@STRONGROCKGROUP.COM

FRIS MAP # 3720175700K
PANEL # 1757
EFFECTIVE DATE: 07/19/2022

SHEET INDEX	
01	C-1.0 COVER SHEET
02	C-1.1 ZONING CONDITION
03	C-2.0 EXISTING CONDITIONS PLAN
04	C-2.1 OVERALL TREE INVENTORY MAP
05-11	C-2.2 - C-2.8 PARTIAL TREE INVENTORY MAP I - VII
12	C-2.9 TREE INVENTORY TABLE
13	C-2.10 TREE PROTECTION PLAN
14	C-3.0 DEMOLITION PLAN
15	C-4.0 PHASING PLAN
16	C-4.1 BLOCK AND LOT PLAN
17	C-5.0 OVERALL SITE PLAN
18-26	C-5.1 - C-5.9 PARTIAL SITE PLAN I - IX
27	C-5.10 LOT SIZE TABLES
28	C-5.11 SITE TABLES - NC ZONE
29	C-5.12 SITE TABLES - RM ZONE
30	C-6.0 OVERALL OPEN SPACE NC-CZ
31	C-6.1 PASSIVE & ACTIVE OPEN SPACE NC-CZ ZONE
32	C-6.2 OVERALL OPEN SPACE RM-CZ
33	C-6.3 OPEN SPACE RM-CZ
34	C-7.0 OVERALL UTILITY PLAN
35-43	C-7.1 - C-7.9 PARTIAL UTILITY PLAN I - IX
44	C-7.10 SEWER TABLES
45	C-7.11 OFF-SITE UTILITY PLAN
46	C-8.0 OVERALL GRADING AND DRAINAGE PLAN
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56	C-8.10 STORM DRAINAGE TABLES
57	C-8.11 STORM DRAINAGE TABLES
58	C-9.0 OVERALL LANDSCAPE PLAN
59-67	C-9.1 - C-9.9 PARTIAL LANDSCAPE PLAN I - IX
68	C-10.0 OVERALL PRESERVATION PLAN
69-76	C-10.1 - C-10.8 PRESERVATION PLAN I - VIII
77	C-10.9 PRESERVATION PLAN TABLES
78-80	D-1.0 - D-1.2 SITE DETAILS
81	D-2.0 STORM DRAINAGE DETAILS
82	D-3.0 SANITARY SEWER & WATER DETAILS

NO.	REVISIONS	DATE	BY
01			
02			
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04			
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06			



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	STRONG ROCK PROJECT	JWL	JWL
PSP-23-03	NOT FOR CONSTRUCTION	SRG	SRG
SCALE	AS SHOWN	DRAWN BY	JWL
DESIGNED BY	JWL	CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
COVER SHEET

DRAWING SHEET
C-1.0

01 OF 82



CONDITIONS OF APPROVAL:
A WATER MODEL WILL BE REQUIRED TO BE COMPLETED BY THE PROJECT ENGINEER TO DEMONSTRATE THAT THE PROPOSED WATERLINE EXTENSION WILL PROVIDE ADEQUATE FIRE FLOW AND PRESSURE FOR THE PROPOSED DEVELOPMENT.

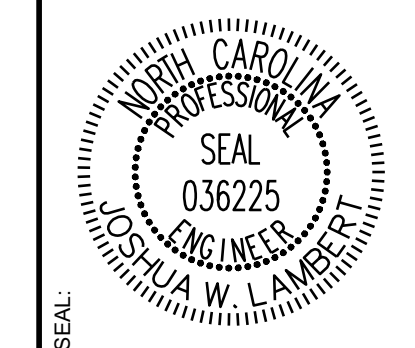
EXHIBIT D
MIXED-USE NEIGHBORHOOD CENTER CONDITIONAL ZONING DISTRICT (NC-CZ) AND RESIDENTIAL MEDIUM DENSITY CONDITIONAL ZONING DISTRICT (RM-CZ) ZONING CONDITIONS

Conditions Applicable to the entire property:
1. The subject property shall be developed generally in accordance with the sketch plan attached hereto as Exhibit 1 and incorporated herein as if fully set out. The approximately 55-acre portion of the subject property located west of Jonestown Road and further described as Parcel 1 on the attached Exhibit 2 attached hereto shall be zoned NC-CZ and the approximately 80-acre portion of the property located east of Jonestown Road and further described as Parcel 2 on Exhibit 2 attached hereto shall be zoned RM-CZ. The improvements described herein may be developed in phase in accordance with a phasing plan approved by the Town of Rolesville.

recreational uses prior to the issuance of the 1500h building permit for a dwelling unit. The Town of Rolesville may accept or reject the offer of dedication in its sole discretion prior to the issuance of the 2000h building permit. If the Town of Rolesville accepts dedication of this property, the area dedicated to the Town of Rolesville shall be credited to this project as active open space. If the Town of Rolesville does not accept or reject the dedication of this area in writing prior to the issuance of the 2000h building permit, it shall be dedicated to the homeowner's association.

one access lane striped as an exclusive right-turn lane; and
i. Provide stop-control for southbound approach (Site Access 6) restricted to right in, right-out operations.
1. Mitchell Mill and Site Access 7
i. Construct the southbound approach (Site Access 7) with one ingress lane and one egress lane;
ii. Provide stop-control for southbound approach (Site Access 7); and
iii. Construct an exclusive eastbound (Mitchell Mill Road) left-turn lane with at least 100 feet of storage and appropriate decal and taper.

Table with columns: No., REVISIONS, DATE. Rows 01-08 detailing project milestones and revision dates.



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

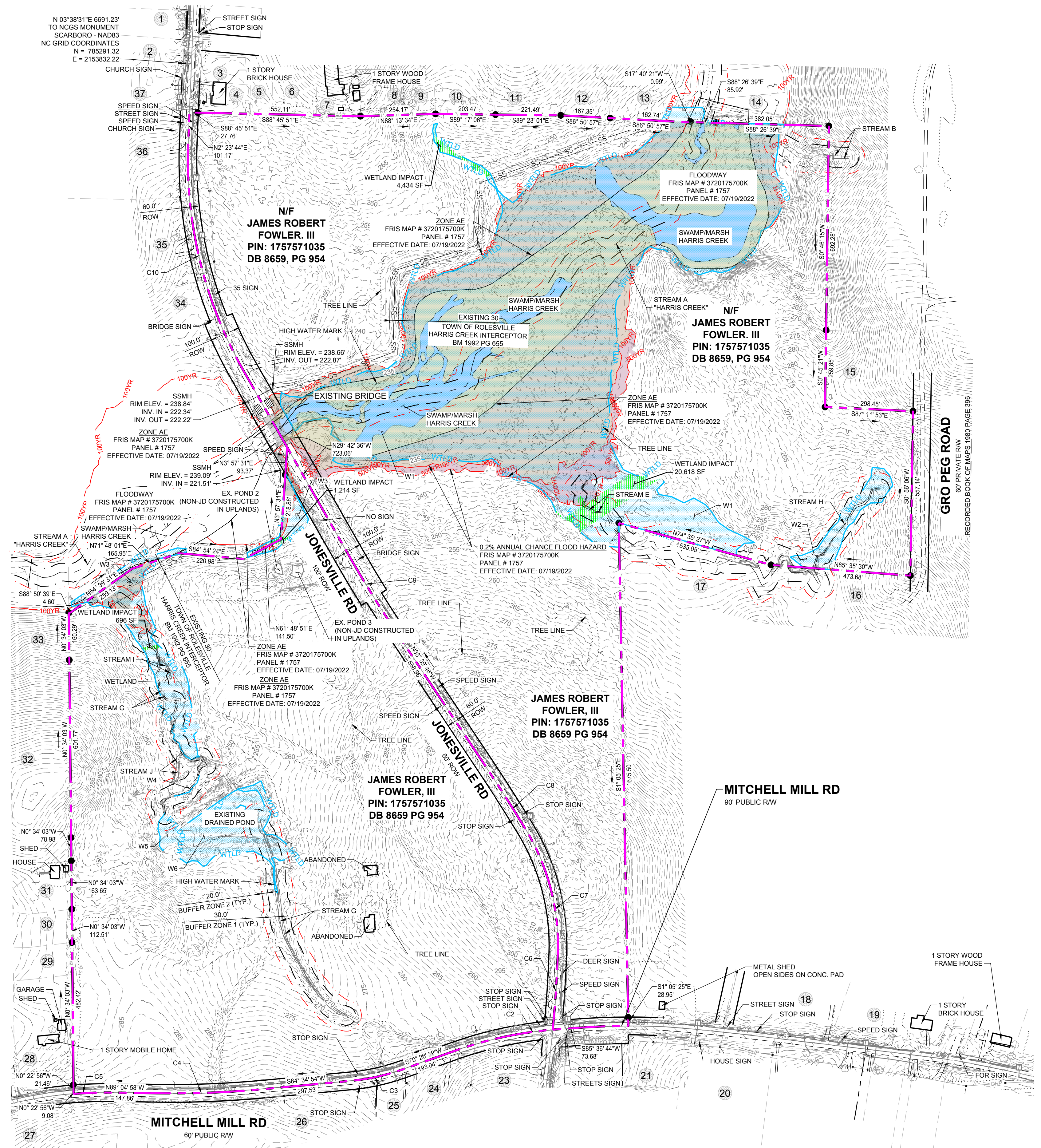
Table with columns: STRONG ROCK PROJECT, NOT FOR CONSTRUCTION, SCALE, AS SHOWN, DESIGNED BY, JWL, SRG, DRAWN BY, JWL, CHECKED BY, JWL.

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
ZONING CONDITION

DRAWING SHEET
C-1.1

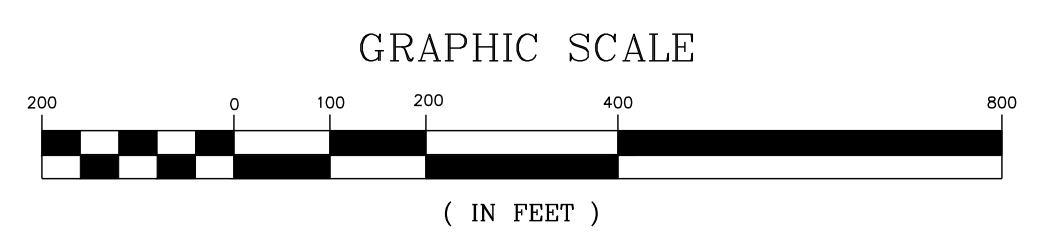
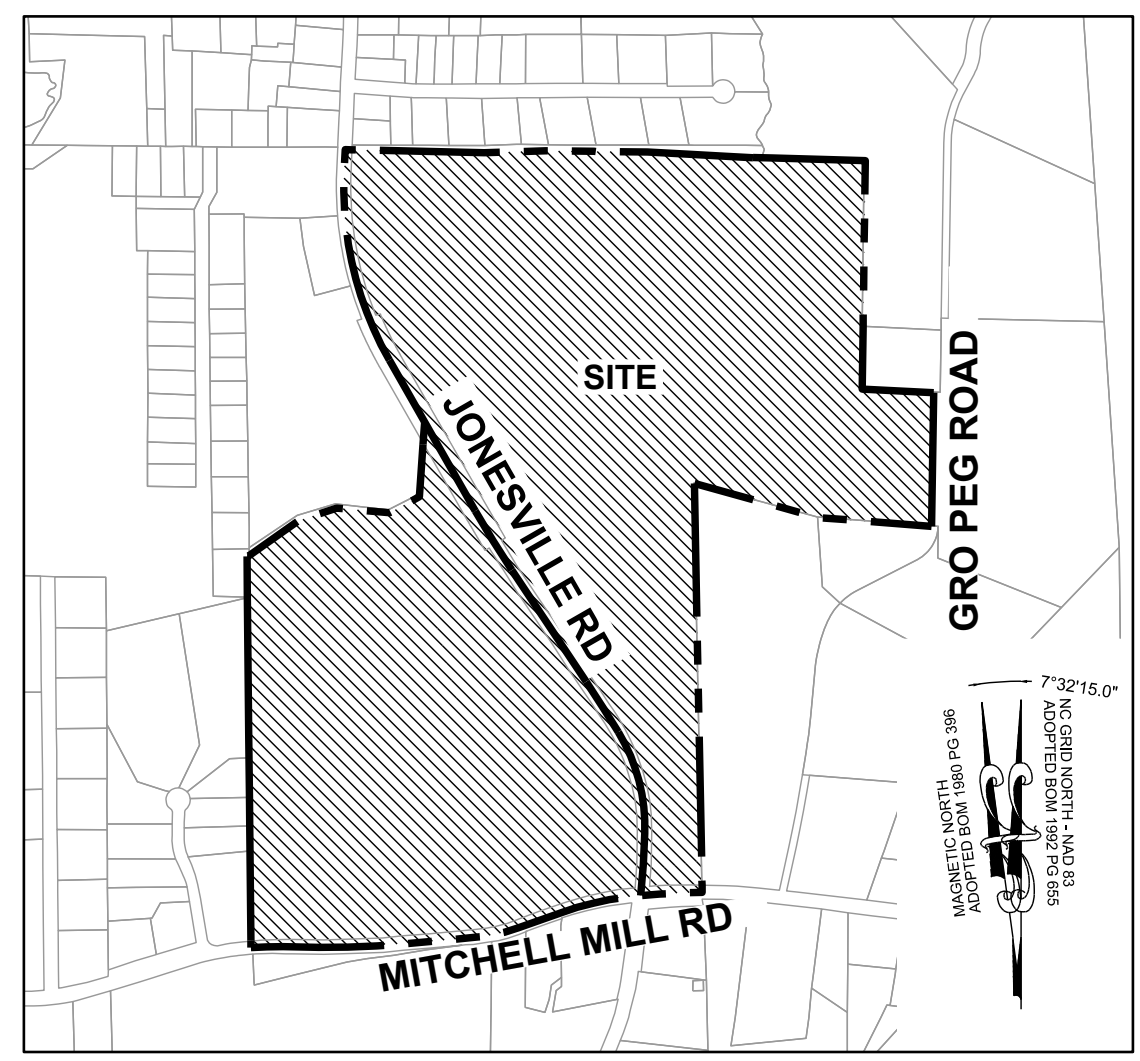
ADJOINER INFORMATION			
1	CHARLES E. FERRELL AND WIFE GRETTA LOUISE FERRELL PIN: 1757481951 DB 1813 PG 421 ZONING: R-30 (WC) USE: SF	20	CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757650296 DB 5344 PG 819 ZONING: R-30 (WC) USE: VA
2	ABRAHAM T. BURNHAM AND KYLA L. BURNHAM PIN: 1757481832 DB 19140 PG 734 ZONING: R-30 (WC) USE: SF	21	CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757641415 DB 5344 PG 819 ZONING: R-30 (WC) USE: VA
3	JOE L. GREEN PIN: 1757483799 DB 15-E PG 2691 ZONING: R-30 (WC) USE: SF	22	CHRISTOPHER GHOLSON AND WIFE, KELLY GAITHER GHOLSON PIN: 1757556361 DB 17355 PG 457 LOT 4 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
4	CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES PIN: 1757484608 DB 2305 PG 673 ZONING: R-30 (WC) USE: SF	23	ABAHOR ELIAS AND SPOUSE, SUSAN ELIAS PIN: 1757553215 DB 17220 PG 2509 LOT 3 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
5	BENJAMIN FERRELL PIN: 1757485713 DB 1697 PG 465 ZONING: R-30 (WC) USE: SF	24	TODD KENDALL HONEYCUTT PIN: 1757551202 DB 13474 PG 1874 LOT 2 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
6	ALESHA FERRELL & ARRON WALKER PIN: 1757486733 DB 6374 PG 89 BM 1996 PG 00524 ZONING: R-30 (WC) USE: SF	25	CURTIS L. HONEYCUTT AND WIFE TODD KENDALL PIN: 1757540996 DB 19209 PG 2474 LOT 1 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
7	CHRIST HOLINESS CHURCH #1 PIN: 1757487783 DB 2928 PG 328 ZONING: R-30 (WC) USE: CH	26	PHETIS JONES BRADSHER PIN: 1757349473 DB 15208 PG 2320 BM 2013 PG 868 ZONING: R-30 (WC) USE: FO
8	CHRIST HOLINESS CHURCH #1 PIN: 1757487783 DB 4321 PG 788 ZONING: R-30 (WC) USE: VA	27	PHETIS JONES BRADSHER PIN: 1757487783 DB 15208 PG 2320 ZONING: R-30 (WC) USE: VA
9	CHRIST HOLINESS CHURCH #1 PIN: 1757560764 DB 8467 PG 430 ZONING: R-30 (WC) USE: MO	28	PERR Y. ELWOOD RYAN PIN: 1757357582 DB 16292 PG 2780 ZONING: R-30 (WC) USE: MO
10	ALICIA BROWN & CARL T. JONES PIN: 1757682714 DB 16128 PG 183 ZONING: R-30 (WC) USE: SF	29	TOUTLOFF, KENNETH S. TOUTLOFF, BILLIE ANNE PIN: 1757357764 DB 9236 PG 2229 LOT 3 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
11	RS RENTAL II LLC PIN: 1757584724 DB 16703 PG 2414 BM 1981 PG 894 ZONING: R-30 (WC) USE: SF	30	BERNARD MILLER PIN: 1757357685 DB 15416 PG 1651 LOT 4 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
12	KAREN E. BASS PIN: 1757586704 DB 12560 PG 1626 BM 1994 PG 943 ZONING: R-30 (WC) USE: SF	31	MARCI E. HOLDEN PIN: 1757358908 DB 15599 PG 1003 LOT 5 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
13	JAMES K. WILLIAMS PIN: 1757688784 DB 16784 PG 1013 BM 1980 PG 01474 ZONING: R-30 (WC) USE: VA	32	MEGAN KULAWIAK PIN: 1757367367 DB 16226 PG 1133 LOT 6 BM 1990 PG 00387 ZONING: R-30 (WC) USE: VA
14	GRO PEG PROPERTIES LLC PIN: 1757684697 DB 18359 PG 1707 LOT 5 - BM 1980 PG 00396 ZONING: R-30 (WC) USE: VA	33	KENNETH INVESTMENT LLC PIN: 1757368616 DB 19248 PG 1884 ZONING: R-30 (WC) USE: VA
15	SCOTT & THERESA CARLE PIN: 1757675796 DB 14863 PG 2493 LOT 4A - BM 1980 PG 00396 ZONING: R-30 (WC) USE: VA	34	KENNETH INVESTMENT LLC PIN: 1757471559 DB 19248 PG 1884 LOT - BM 2007 PG 01224 ZONING: R-30 (WC) USE: VA
16	GRO PEG PROPERTIES PIN: 1757684696 DB 19081 PG 2786 LOT 2A - BM 1982 PG 00581 ZONING: R-30 (WC) USE: VA	35	HENRY ALSTON PIN: 1757481376 DB 19248 PG 984 BM 1982 PG 721 ZONING: R-30 (WC) USE: SF
17	MT. CALVARY HOLINESS CHURCH OF WAKE CO. INC. PIN: 1757660324 DB 10124 PG 2778 LOT 1 - BM 2002 PG 991 ZONING: R-30 (WC) USE: VA	36	UNIVERSAL CHURCH OF PRAYER PIN: 1757388408 DB 19559 PG 1723 LOT - BM 2002 PG 00667 ZONING: R-30 (WC) USE: CH
18	G. ARCHIE UNDERHILL, JR. AND WIFE, TERESSA C. UNDERHILL PIN: 1757653785 DB 8443 PG 2129 BM 1980 PG 1357 ZONING: R-30 (WC) USE: SF	37	ROZELIA J. HARTSFIELD HEIRS PIN: 1757481740 DB 19248 PG 1220 ZONING: R-30 (WC) USE: VA
19	GENADIUS MAC FREDDY AND WIFE, MATTIE F. FREDDY PIN: 1757656586 DB 1882 PG 342 ZONING: R-30 (WC) USE: SF		

LEGEND:	
SF:	SINGLE FAMILY
VA:	VACANT
MO:	MOBILE
AG:	AGRICULTURE
CH:	CHURCH



LEGEND:	
	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	5' CONTOUR
	1' CONTOUR
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500 YEAR FLOOD LINE
	100 YEAR FLOOD LINE
	EXISTING TREE
	NEW IRON PIPE
	EXISTING IRON PIPE
	EXISTING WETLAND
	FLOOD HAZARD
	FLOODZONE AE
	FLOODWAY
	SWAMP/MARSH HARRIS CREEK
	WETLAND IMPACTS

PARCEL CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD	BEARING
C1	2310.00'	177.66'	177.62'	S 85°36'44" W
C2	1293.60'	342.46'	341.46'	S 70°26'30" W
C3	713.00'	175.93'	175.49'	S 84°34'54" W
C4	3289.02'	363.69'	363.50'	N 89°04'58" W
C5	1415.00'	134.86'	134.81'	N 85°27'24" W
C6	4219.80'	259.16'	259.12'	N 02°03'26" E
C7	760.57'	443.75'	437.48'	N 31°22'17" W
C8	5980.51'	247.98'	249.97'	N 33°39'46" W
C9	4196.85'	289.52'	289.47'	N 29°42'36" E
C10	1444.00'	809.14'	798.60'	N 02°23'44" E



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.

PRELIMINARY SUBDIVISION PLAT P-24-03

TOWN OF ROLESVILLE P-24-03

TOWN OF ROLESVILLE P-24-03

TOWN OF ROLESVILLE P-24-03

TOWN OF ROLESVILLE P-24-03

TOWN OF ROLESVILLE P-24-03

NO.	REVISIONS	DATE
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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 P-24-03

NOT FOR CONSTRUCTION

SCALE AS SHOWN

DESIGNED BY JWL

DRAWN BY SRG

CHECKED BY JWL

RESERVE @ MITCHELL MILL

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

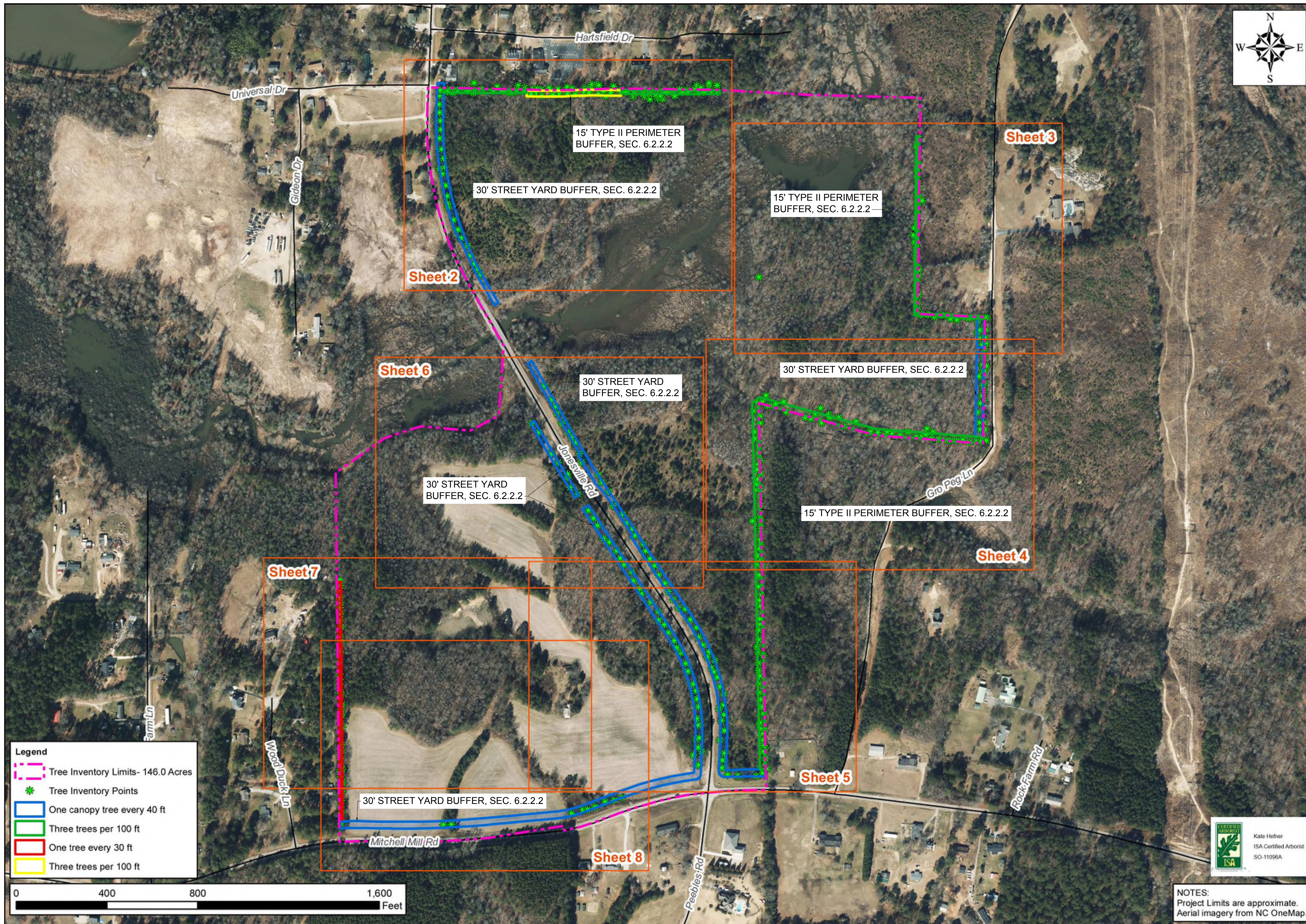
PRELIMINARY SUBDIVISION PLAT

EXISTING CONDITIONS PLAN

DRAWING SHEET

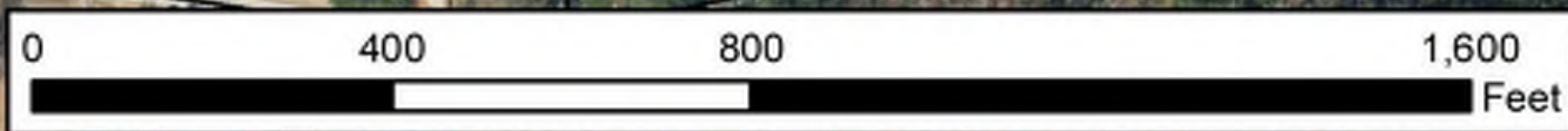
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03 OF 82

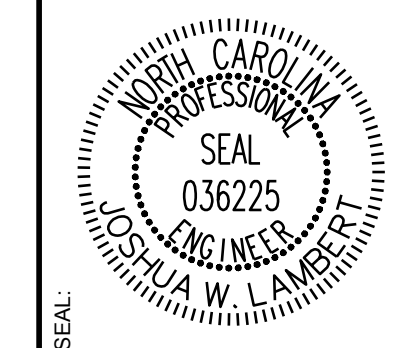


Legend

- Tree Inventory Limits- 146.0 Acres
- * Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



No.	REVISIONS	DATE	BY
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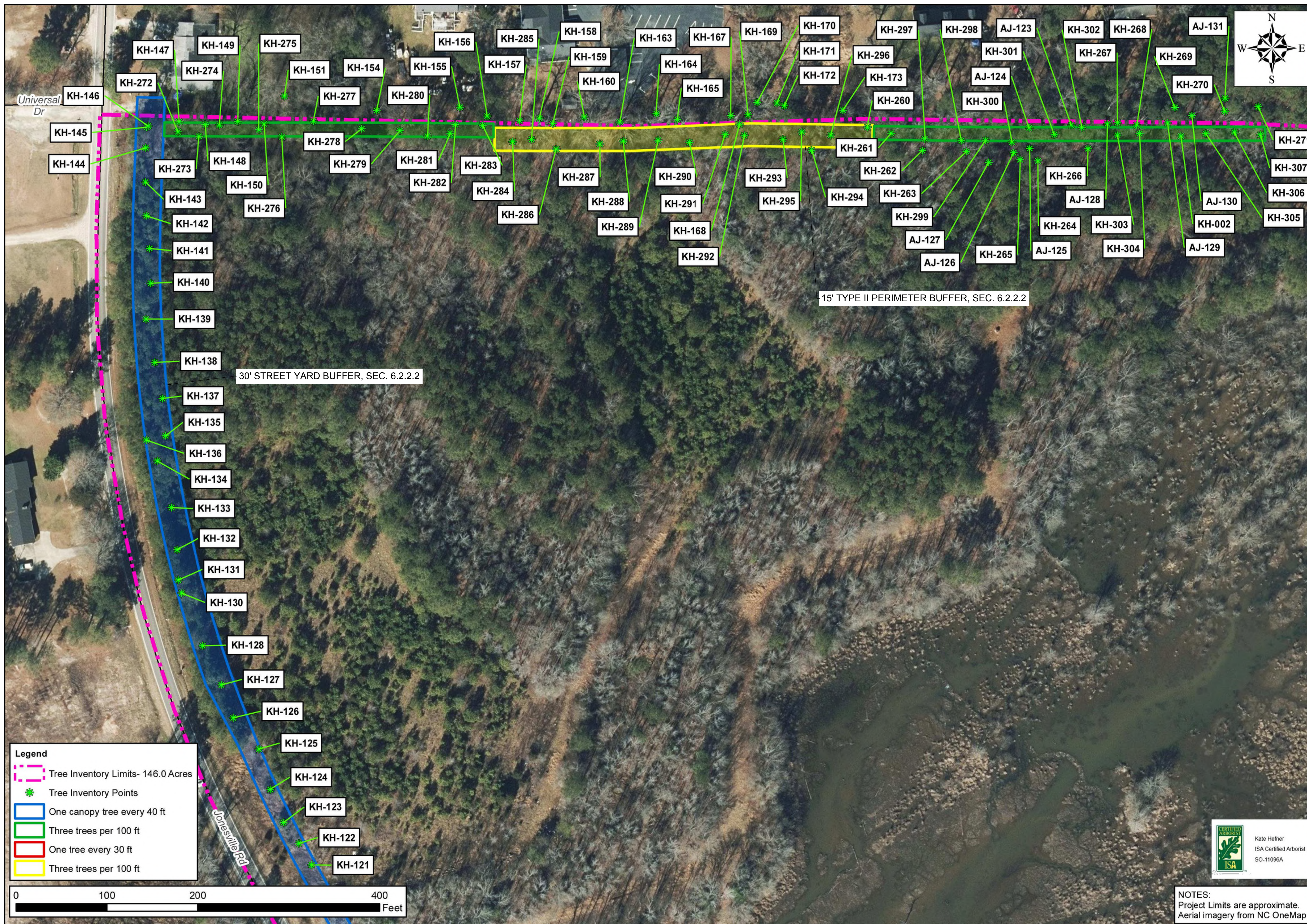
STRONG ROCK PROJECT	PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL TREE INVENTORY MAP

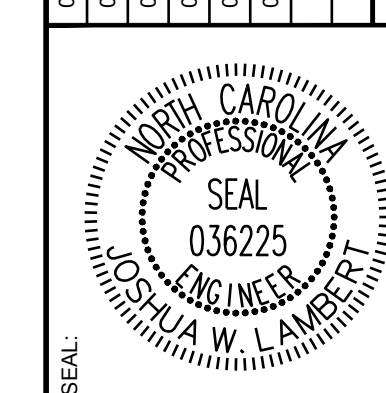


NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.1



NO.	REVISIONS	DATE	BY
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STRONG ROCK PROJECT	PSP-24-00
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP I

DRAWING SHEET
C-2.2



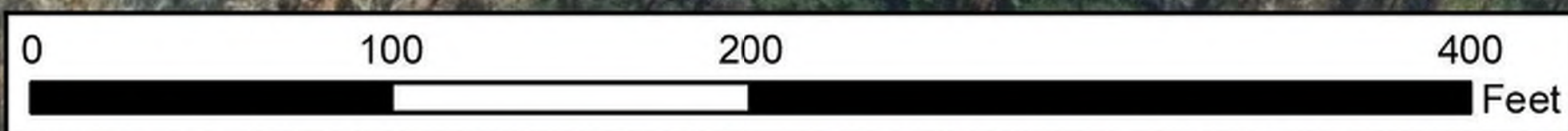
NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

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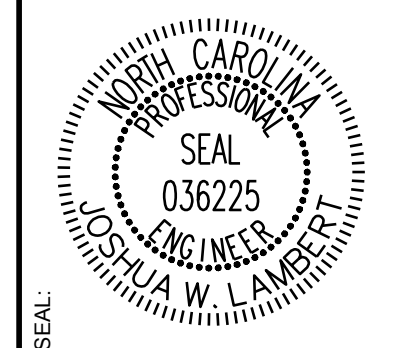


Legend

- Tree Inventory Limits- 146.0 Acres
- * Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



No.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE PSP-23-03	12/09/2023	SRG
03	TOWN OF ROLESVILLE PSP-03-23-03	03/01/2024	SRG
04	TOWN OF ROLESVILLE PSP-04-23-03	06/04/2024	SRG
05	TOWN OF ROLESVILLE PSP-05-23-03	09/03/2024	SRG
06	TOWN OF ROLESVILLE PSP-06-23-03	11/07/2024	SRG



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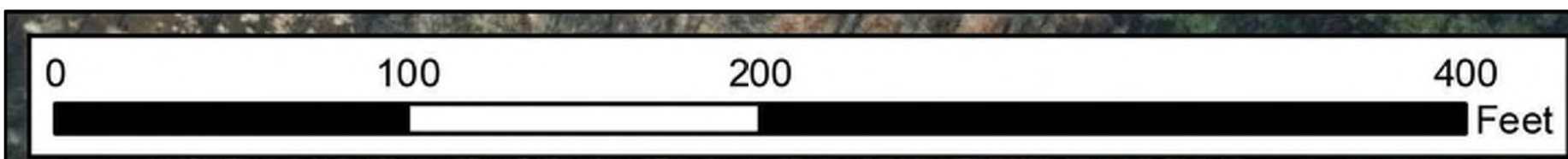
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NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP II



NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.3

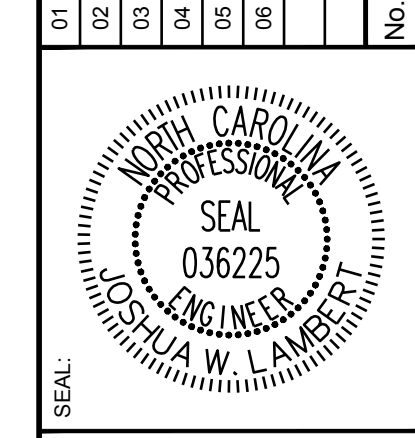


Legend

- Tree Inventory Limits- 146.0 Acres
- Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
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NO.	REVISIONS	DATE	BY
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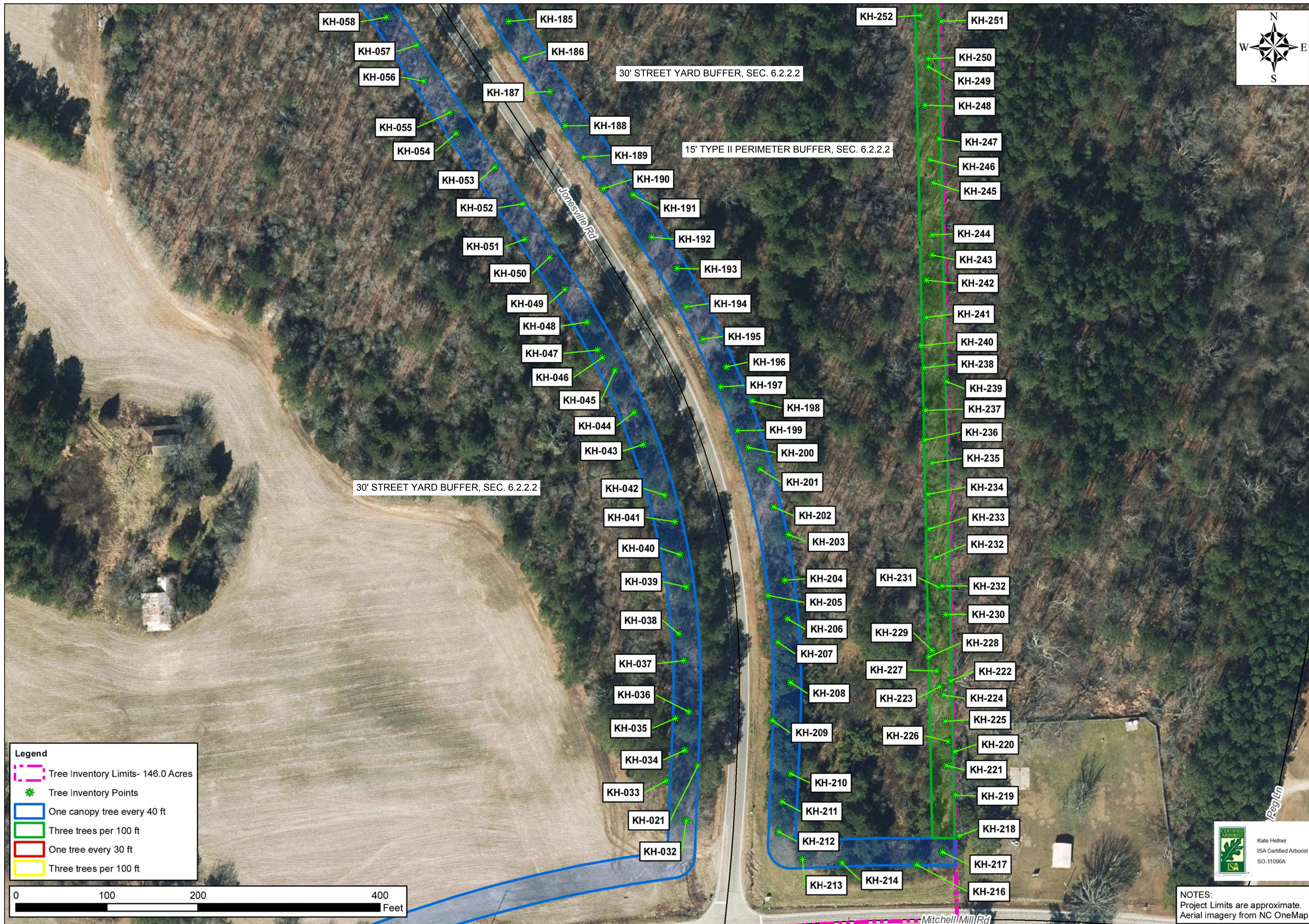
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PSP-24-00	PSP-24-00
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP III



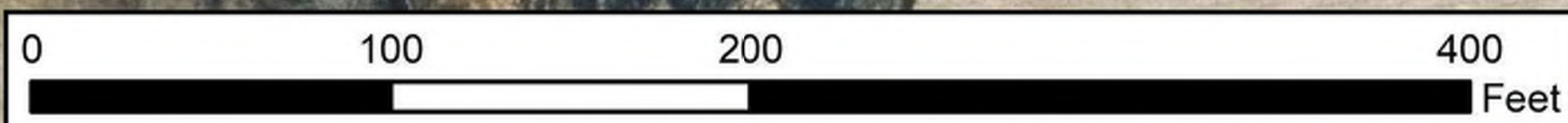
NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.4

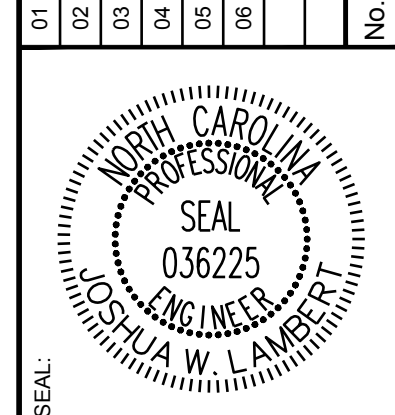


Legend

- Tree Inventory Limits- 146.0 Acres
- * Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



SR#	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT PSP-23-03	JWL
02	12/06/2023	TOWN OF ROLESVILLE PSP-23-03	JWL
03	03/01/2024	TOWN OF ROLESVILLE PSP-03-24-03	JWL
04	08/01/2024	TOWN OF ROLESVILLE PSP-04-24-03	JWL
05	08/01/2024	TOWN OF ROLESVILLE PSP-05-24-03	JWL
06	08/01/2024	TOWN OF ROLESVILLE PSP-06-24-03	JWL
07	11/01/2024	TOWN OF ROLESVILLE PSP-07-24-03	JWL



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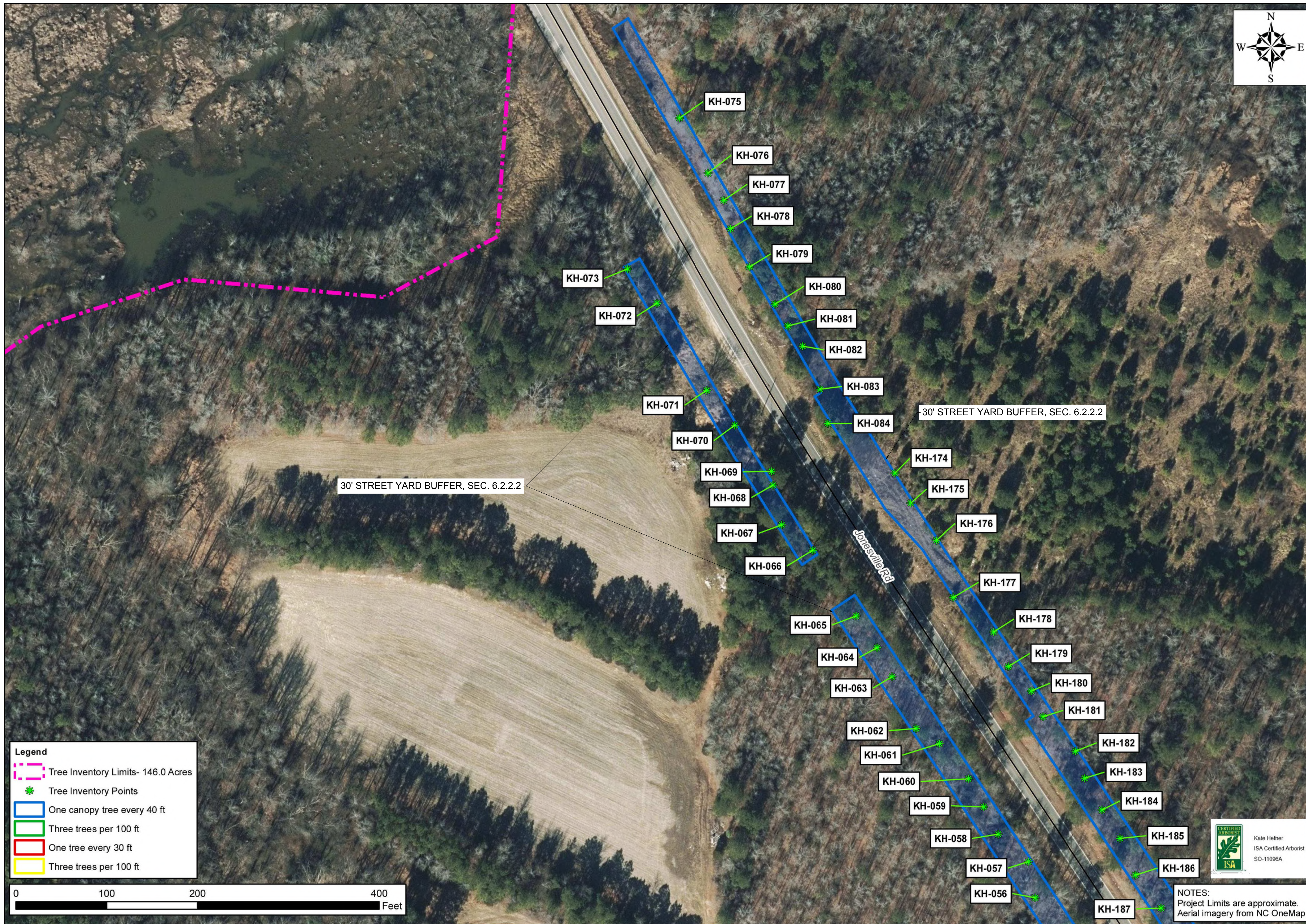
STRONG ROCK PROJECT	PSP-24-03
NOT FOR CONSTRUCTION	SCALE AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP IV



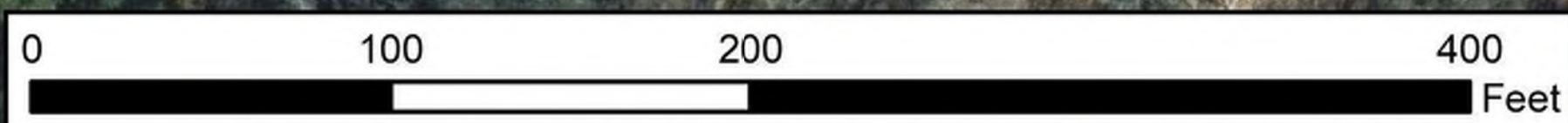
NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.5

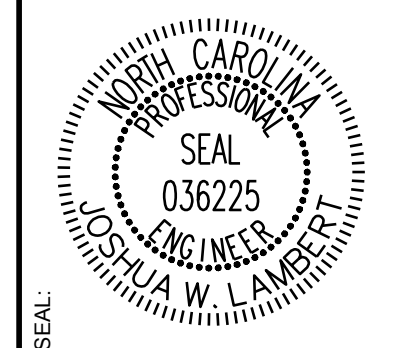


Legend

- Tree Inventory Limits- 146.0 Acres
- * Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



NO.	REVISIONS	DATE	BY
01			
02			
03			
04			
05			
06			



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STRONG ROCK PROJECT	PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP V

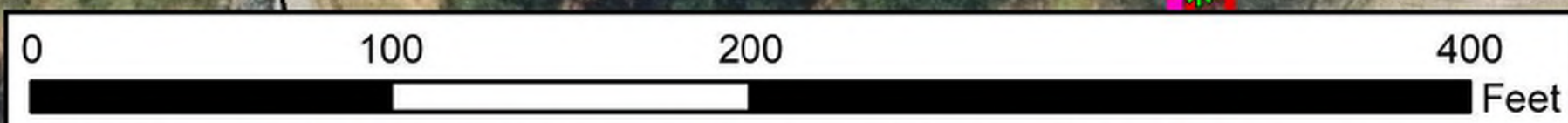


NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.6

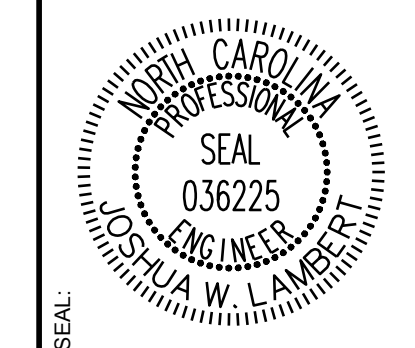


- Legend**
- Tree Inventory Limits- 146.0 Acres
 - ✱ Tree Inventory Points
 - One canopy tree every 40 ft
 - Three trees per 100 ft
 - One tree every 30 ft
 - Three trees per 100 ft



NOTES:
 Project Limits are approximate.
 Aerial imagery from NC OneMap.

No.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/07/2023	SRG
02	TOWN OF ROLESVILLE PSP-23-03	12/05/2023	SRG
03	TOWN OF ROLESVILLE PSP-03-23-03	03/01/2024	SRG
04	TOWN OF ROLESVILLE PSP-04-23-03	06/04/2024	SRG
05	TOWN OF ROLESVILLE PSP-05-23-03	08/03/2024	SRG
06	TOWN OF ROLESVILLE PSP-06-23-03	11/07/2024	SRG



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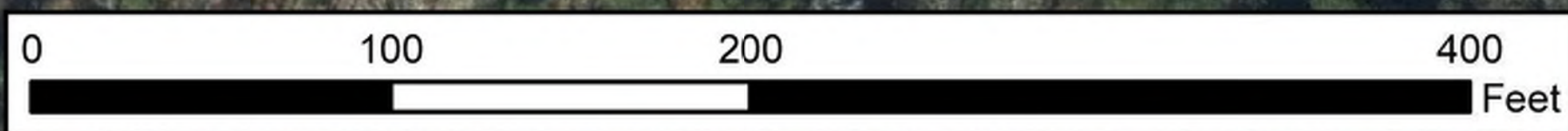
STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP VI

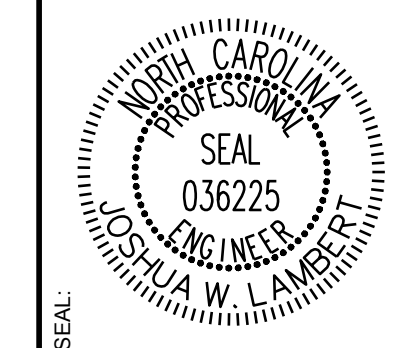
DRAWING SHEET
C-2.7



- Legend**
- Tree Inventory Limits- 146.0 Acres
 - * Tree Inventory Points
 - One canopy tree every 40 ft
 - Three trees per 100 ft
 - One tree every 30 ft
 - Three trees per 100 ft



No.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-23-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE P-23-03	12/06/2023	SRG
03	TOWN OF ROLESVILLE P-23-03	03/01/2024	SRG
04	TOWN OF ROLESVILLE P-23-03	03/01/2024	SRG
05	TOWN OF ROLESVILLE P-23-03	08/04/2024	SRG
06	TOWN OF ROLESVILLE P-23-03	08/04/2024	SRG
07	TOWN OF ROLESVILLE P-23-03	08/04/2024	SRG
08	TOWN OF ROLESVILLE P-23-03	11/07/2024	SRG



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STRONG ROCK PROJECT	STRONG ROCK PROJECT P-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL TREE INVENTORY MAP VII



NOTES:
Project Limits are approximate.
Aerial imagery from NC OneMap.

DRAWING SHEET
C-2.8

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include AJ-001 LITU 19" Good, AJ-002 CATO 10" Good, AJ-003 QVAL 10" Good, etc.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include AJ-063 LITU 12" Good, AJ-064 QURU 19" Good, AJ-065 LITU 16" Good, etc.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-002 PITA 30" Good, KH-003 ACRU 31" Good, KH-004 LITU 45" Fair, etc.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-067 PITA 13" Good, KH-068 JUVI 9" Good, KH-069 PITA 27" Excellent, etc.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-132 PITA 5" Good, KH-133 PITA 8" Good, KH-134 PITA 14" Good, etc.

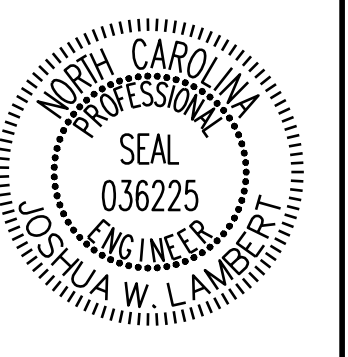
Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-202 QUNI 44" Fair, KH-203 QVAL 9" Good, KH-204 QUNI 8" Good, etc.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-270 PITA 15" Good, KH-271 QURU 8" Good, KH-272 PRSE 6" Poor, etc.

5109 Mitchell Mill Road - Tree Inventory Species List

- ACRU - Acer rubrum
CACA - Carpinus caroliniana
CATO - Carya tomentosa
COFL - Cornus florida
DIVI - Diospyros virginiana
FRPE - Fraxinus pennsylvanica
ILOP - Ilex opaca
JUVI - Juniperus virginiana
LISI - Ligustrum sinense
LIST - Liquidambar styraciflua
LITU - Liriodendron tulipifera
MORU - Morus rubra
NYSY - Nyssa sylvatica
OXAR - Oxydendrum arboreum
PITA - Pinus taeda
PLOC - Platanus occidentalis
PLOR - Platyclus orientalis
PRSE - Prunus serotina
QUAL - Quercus alba
QUFA - Quercus falcata
QUNI - Quercus nigra
QUPA - Quercus pagoda
QUPH - Quercus phellos
QURU - Quercus stellata
QUVE - Quercus velutina
ULAL - Ulmus alata
ULRU - Ulmus rubra

Table with 2 columns: No., DATE. Rows include 01, 02, 03, 04, 05, 06.



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

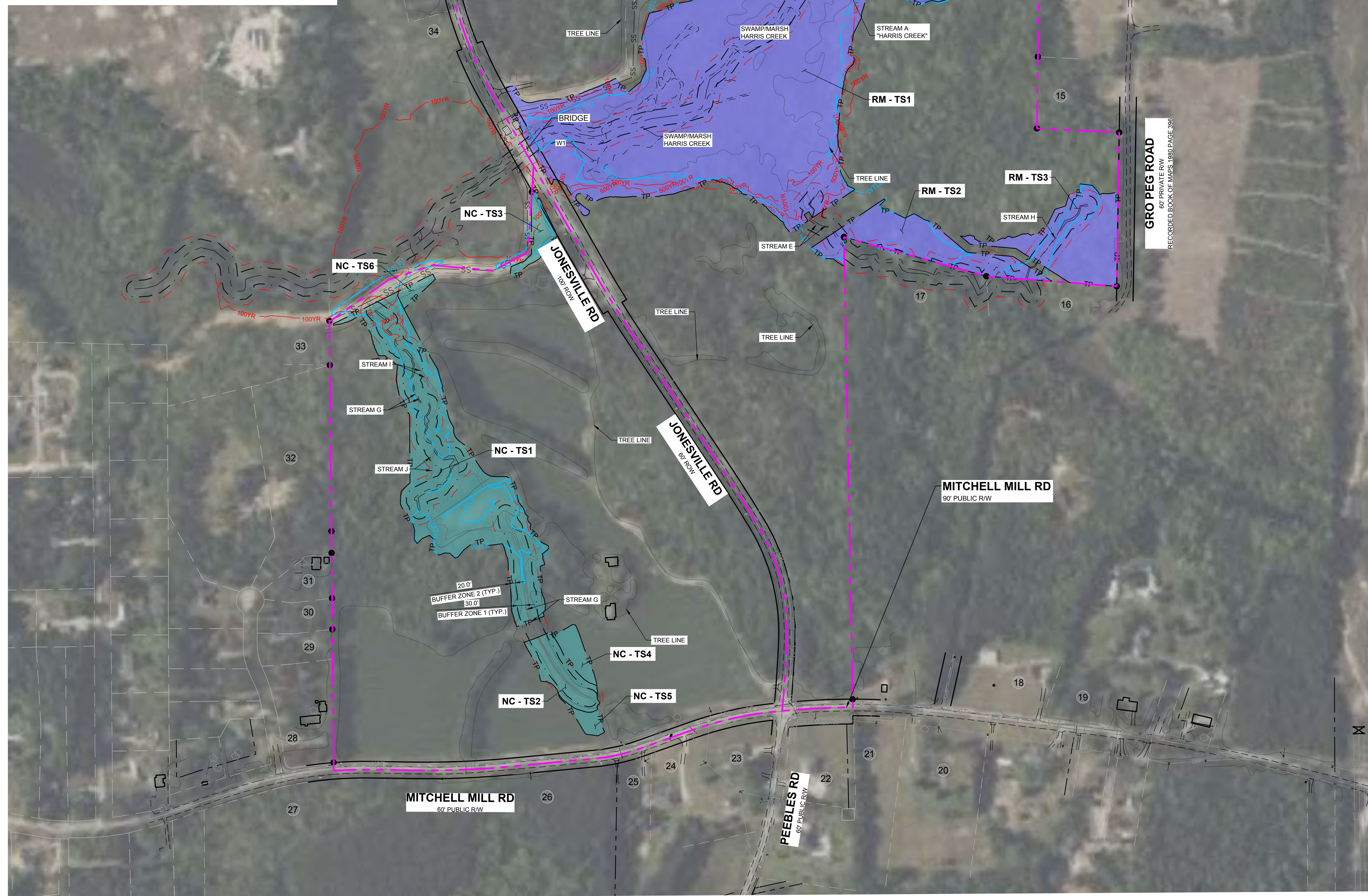
Table with 2 columns: STRONG ROCK PROJECT, DRAWN BY. Rows include PSP-24-03, JWL.

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
TREE INVENTORY TABLE

DRAWING SHEET
C-2.9

Project section 1		
Zoning:	RM - CZ	
Total property area:	84.61	
Required tree protection area(AC)	8.46	
Required tree protection zones		
RM-TS 1	24.30	1058709
RM-TS 2	1.85	80372
RM-TS 3	2.15	93539
TOTAL	28.30	1232620

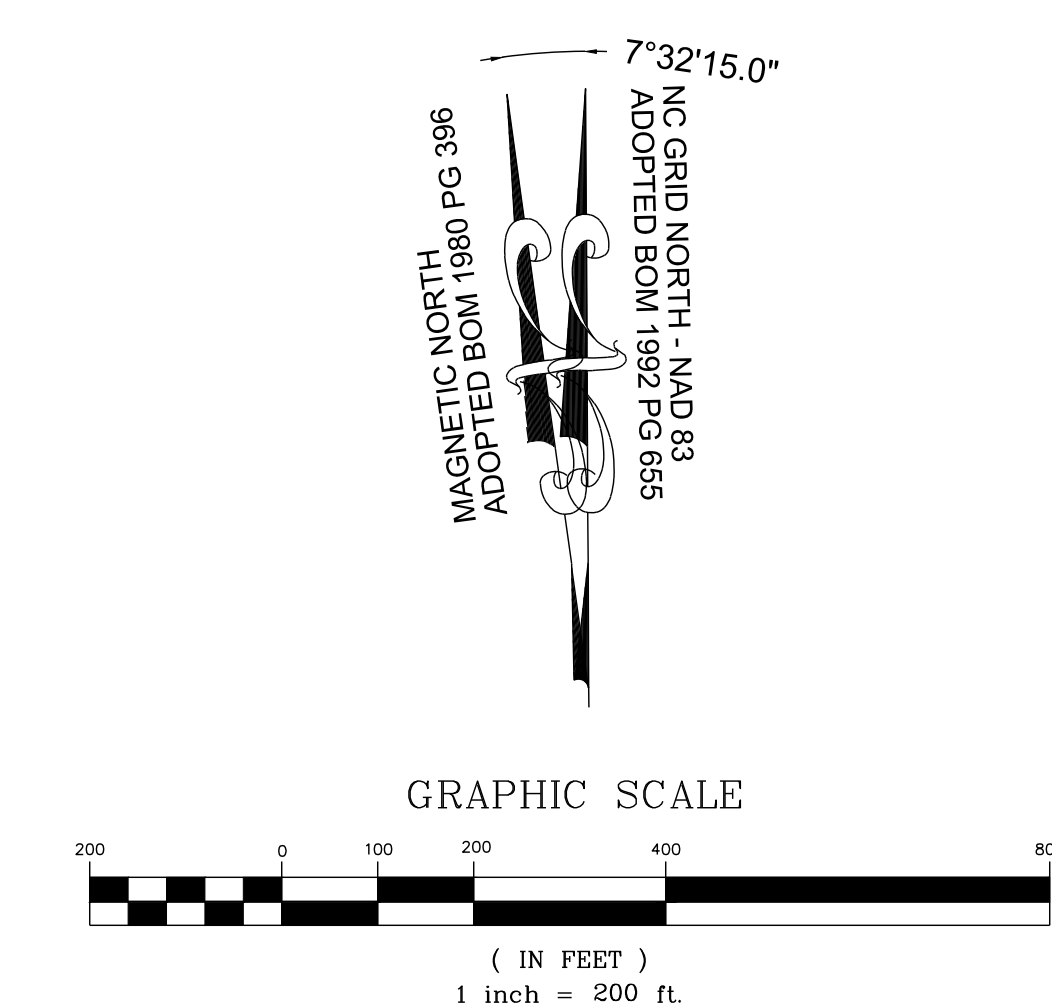
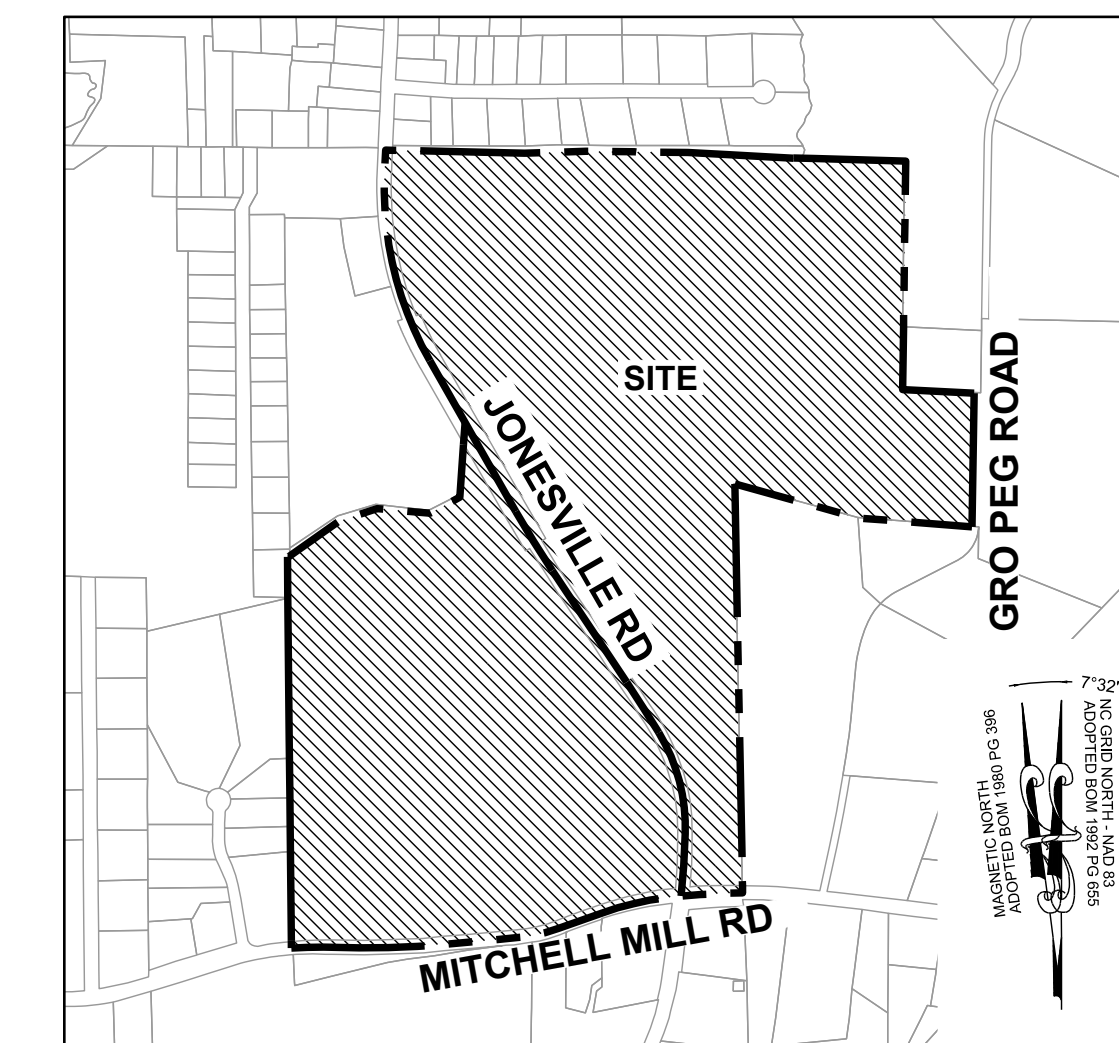
Project section 2		
Zoning:	NC-CZ	
Total property area:	54.08	
Required tree protection area(AC)	8.11	
Required tree protection zones		
NC-TS 1	5.83	253869
NC-TS 2	0.79	34315
NC-TS 3	0.38	16399
NC-TS 4	0.34	14749
NC-TS 5	0.17	7496
NC-TS 6	0.15	6452
TOTAL	7.65	333280



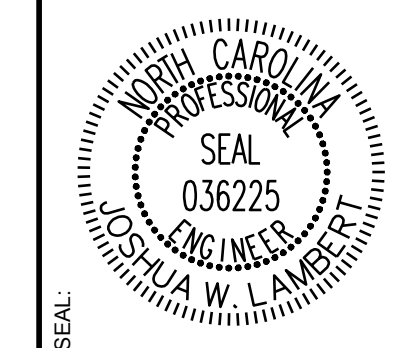
NOTES:
SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS

LEGEND:

	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500YR FLOOD LINE
	100YR FLOOD LINE
	100 YEAR FLOOD LINE
	SWAMP/MARSH HARRIS CREEK
	EXISTING TREE
	NEW IRON PIPE
	EXISTING IRON PIPE
	EXISTING WETLAND
	TREE PROTECTION AREA - NC ZONE
	TREE PROTECTION AREA - RM ZONE



NO.	REVISIONS	DATE	BY
01			
02			
03			
04			
05			
06			
07			



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

STRONG ROCK PROJECT	JWL
PSP-23-03	SRG
NOT FOR CONSTRUCTION	JWL
SCALE AS SHOWN	SRG
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

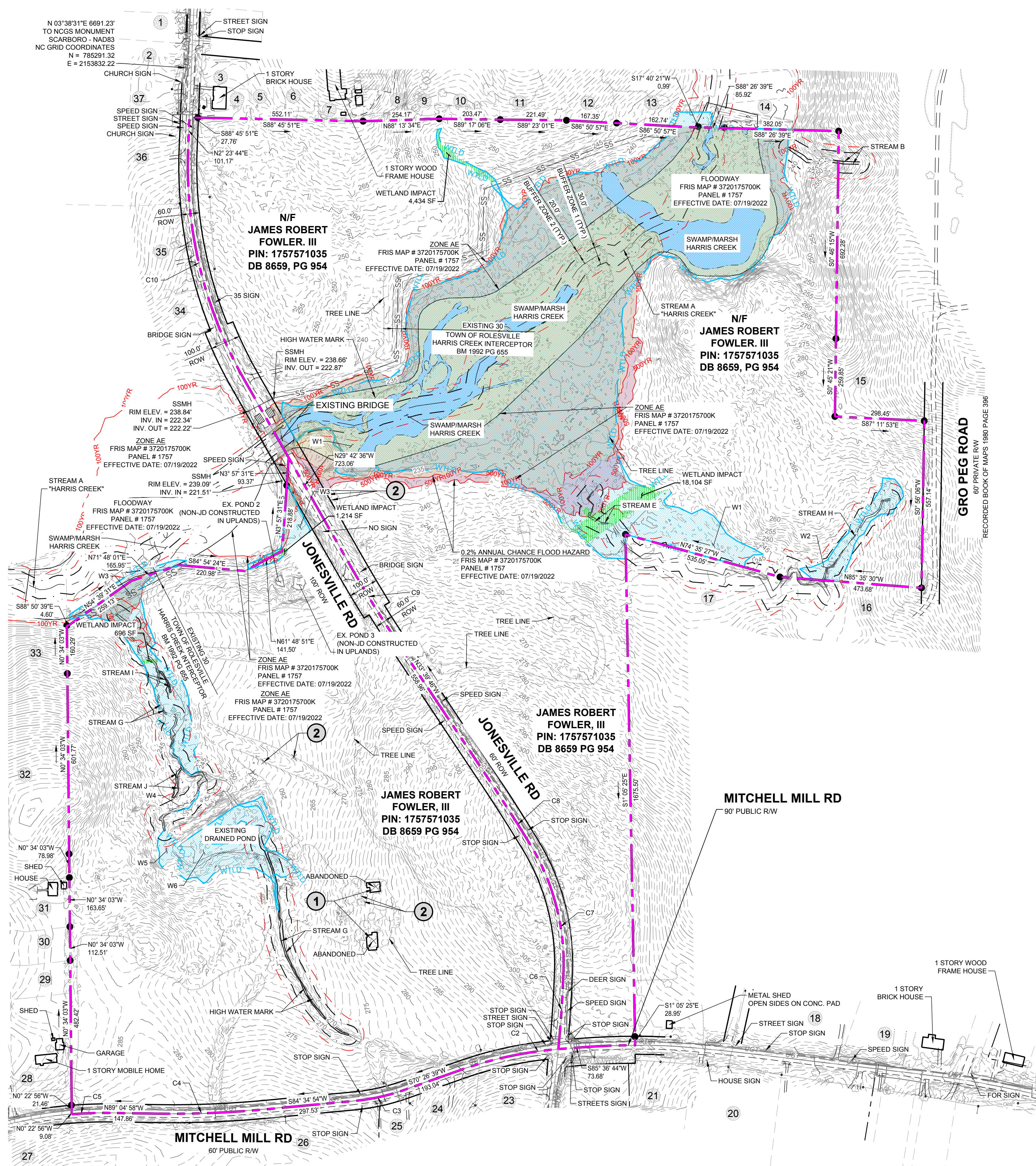
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
TREE PROTECTION PLAN

DRAWING SHEET
C-2.10

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.

ADJOINER INFORMATION

1	CHARLES E. FERRELL AND WIFE GRETTA LOUISE FERRELL PIN: 1757481951 DB 1813 PG 421 ZONING: R-30 (WC) USE: SF	20	CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757650296 DB 5344 PG 819 ZONING: R-30 (WC) USE: SF
2	ABRAHAM T. BURNHAM AND KYLA L. BURNHAM PIN: 1757481832 DB 19140 PG 734 ZONING: R-30 (WC) USE: SF	21	CECIL L. GOODNIGHT AND WIFE, JUDY J. GOODNIGHT PIN: 1757650296 DB 5344 PG 819 ZONING: R-30 (WC) USE: VA
3	JOE L. GREEN PIN: 1757483799 DB 15-E PG 2691 ZONING: R-30 (WC) USE: SF	22	CHRISTOPHER GHOLSON AND WIFE KELLY GATHER GHOLSON PIN: 1757556361 DB 17855 PG 457 LOT 4 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
4	CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES PIN: 1757484609 DB 2305 PG 673 ZONING: R-30 (WC) USE: SF	23	ABAHOR ELIAS AND SPOUSE, SUSAN ELIAS PIN: 1757552515 DB 17220 PG 2509 LOT 3 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
5	BENJAMIN FERRELL PIN: 1757485713 DB 1697 PG 465 ZONING: R-30 (WC) USE: SF	24	TODD KENDALL HONEYCUTT PIN: 1757551202 DB 13474 PG 974 LOT 2 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
6	ALESHIA FERRELL & ARRON WALKER PIN: 1757486733 DB 6374 PG 89 BM 1996 PG 00524 ZONING: R-30 (WC) USE: SF	25	CURTIS L. HONEYCUTT AND WIFE TODD KENDALL PIN: 1757540996 DB 19269 PG 2474 LOT 1 - BM 2018 PG 1333 ZONING: R-30 (WC) USE: SF
7	CHRIST HOLINESS CHURCH #1 PIN: 1757487783 DB 2028 PG 328 ZONING: R-30 (WC) USE: CH	26	PHETIS JONES BRADSHER PIN: 1757349473 DB 15208 PG 2320 BM 2013 PG 968 ZONING: R-30 (WC) USE: FO
8	CHRIST HOLINESS CHURCH #1 PIN: 1757487783 DB 4321 PG 788 ZONING: R-30 (WC) USE: VA	27	PHETIS JONES BRADSHER PIN: 1757349473 DB 15208 PG 2320 ZONING: R-30 (WC) USE: VA
9	CHRIST HOLINESS CHURCH #1 PIN: 1757580764 DB 9467 PG 430 ZONING: R-30 (WC) USE: VA	28	PERR Y. ELWOOD RYAN PIN: 1757357582 DB 19292 PG 2780 ZONING: R-30 (WC) USE: MO
10	ALICIA BROWN & CARL T. JONES PIN: 1757582714 DB 16128 PG 183 ZONING: R-30 (WC) USE: SF	29	TOUTLOFF, KENNETH S. TOUTLOFF, BILLIE ANNE PIN: 1757357764 DB 9236 PG 2229 LOT 3 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
11	RS RENTAL II LLC PIN: 1757584724 DB 18703 PG 2414 BM 1981 PG 894 ZONING: R-30 (WC) USE: SF	30	BERNARD MILLER PIN: 1757357865 DB 15416 PG 1651 LOT 4 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
12	KAREN E. BASS PIN: 1757586704 DB 12560 PG 1626 BM 1984 PG 943 ZONING: R-30 (WC) USE: SF	31	MARCI L. HOLDEN PIN: 1757358908 DB 15599 PG 1003 LOT 5 - BM 1990 PG 956 ZONING: R-30 (WC) USE: SF
13	JAMES K. WILLIAMS PIN: 1757588784 DB 16784 PG 1013 BM 1989 PG 01474 ZONING: R-30 (WC) USE: VA	32	MEGAN KULAWIAK PIN: 1757367367 DB 16226 PG 1133 LOT 6 BM 1990 PG 00387 ZONING: R-30 (WC) USE: VA
14	GRO PEG PROPERTIES LLC PIN: 1757684897 DB 18359 PG 1707 LOT 5 - BM 1990 PG 00396 ZONING: R-30 (WC) USE: VA	33	KENNETH INVESTMENT LLC. PIN: 1757368816 DB 19248 PG 1884 ZONING: R-30 (WC) USE: VA
15	SCOTT & THERESA CARLE PIN: 1757675786 DB 14863 PG 2493 LOT 4A - BM 1990 PG 00396 ZONING: R-30 (WC) USE: VA	34	KENNETH INVESTMENT LLC PIN: 1757471559 DB 19248 PG 1884 LOT 4 - BM 2007 PG 01224 ZONING: R-30 (WC) USE: VA
16	GRO PEG PROPERTIES PIN: 1757649596 DB 19081 PG 2786 LOT 2A - BM 1982 PG 00581 ZONING: R-30 (WC) USE: VA	35	HENRY ALSTON PIN: 1757481376 DB 19248 PG 984 BM 1982 PG 721 ZONING: R-30 (WC) USE: SF
17	MT CALVARY HOLINESS CHURCH OF WAKE CO. INC PIN: 1757660324 DB 10124 PG 2778 LOT 1 - BM 2002 PG 00667 ZONING: R-30 (WC) USE: VA	36	UNIVERSAL CHURCH OF PRAYER PIN: 1757388408 DB 19569 PG 1723 LOT 1 - BM 2002 PG 00667 ZONING: R-30 (WC) USE: CH
18	G. ARCHIE UNDERHILL, JR. AND WIFE TERESSA C. UNDERHILL PIN: 1757653765 DB 8443 PG 2129 BM 1989 PG 1357 ZONING: R-30 (WC) USE: SF	37	ROZELIA J. HARTSFIELD HEIRS PIN: 1757481740 DB 10-E PG 1220 ZONING: R-30 (WC) USE: VA
19	GENADIUS MAC PREDDY AND WIFE, MATTIE F. PREDDY PIN: 1757556596 DB 1882 PG 342 ZONING: R-30 (WC) USE: SF		



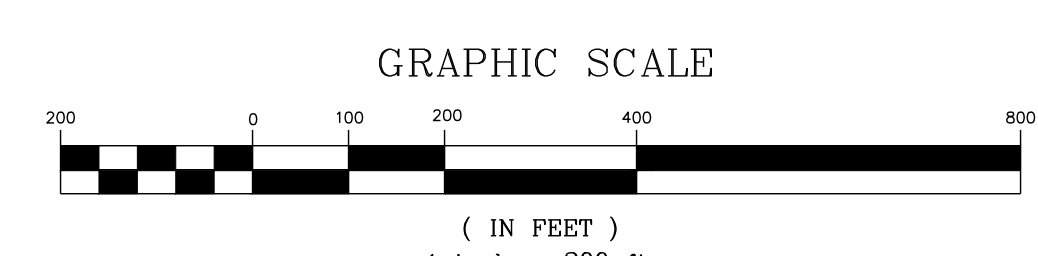
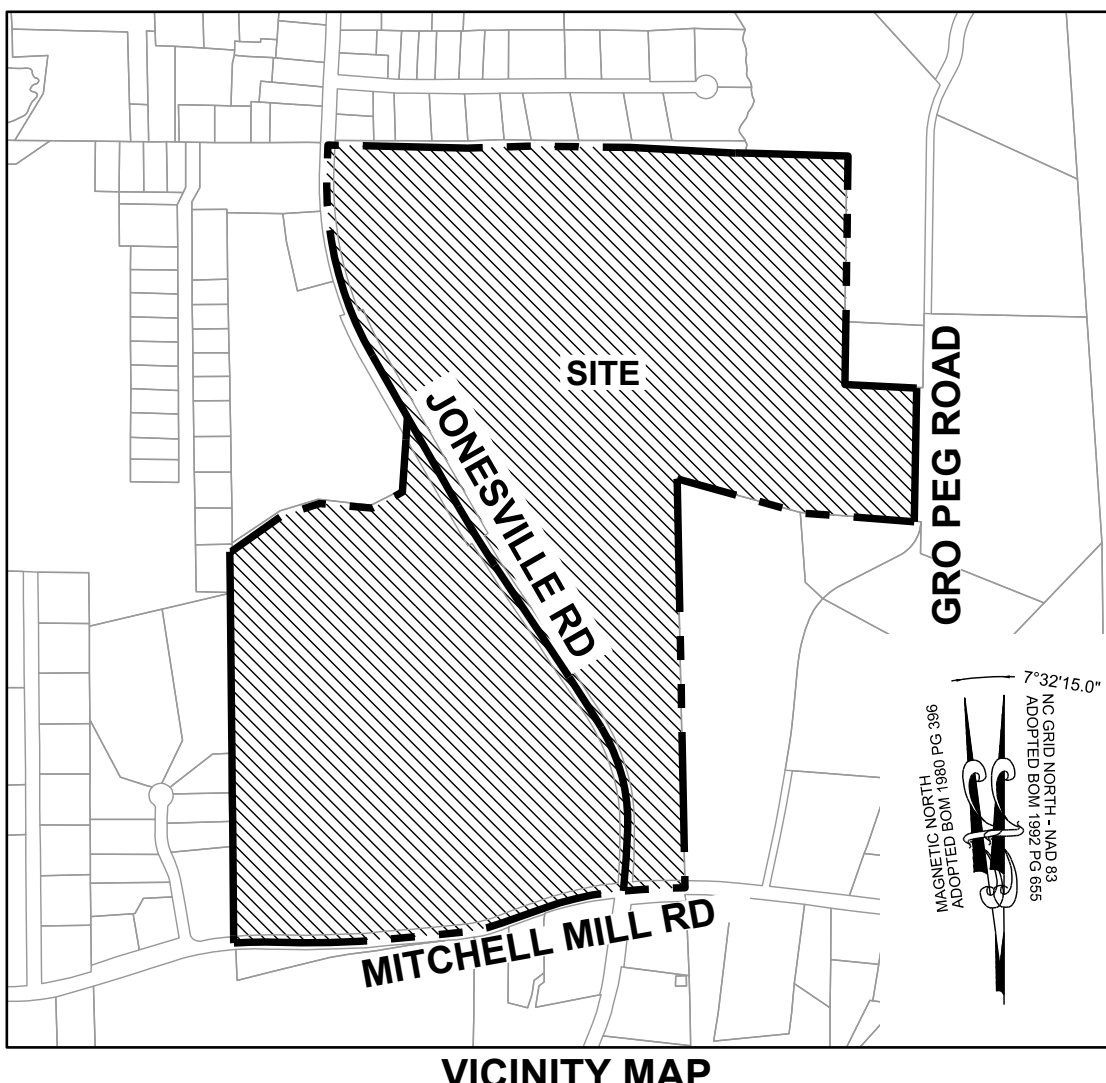
DEMOLITION KEYNOTES:
 ① EXISTING BUILDING TO BE REMOVED.
 ② EXISTING TREES TO BE REMOVED.

LEGEND:

- MASTER PLAN BOUNDARY
- EXISTING ADJOINER PROPERTY LINE
- 5' CONTOUR
- 1' CONTOUR
- EXISTING INTERMITTENT STREAM
- EXISTING PERENNIAL STREAM
- EXISTING BUFFER ZONE 1
- EXISTING BUFFER ZONE 2
- 500 YEAR FLOOD LINE
- 100 YEAR FLOOD LINE
- EXISTING TREE
- NEW IRON PIPE
- EXISTING IRON PIPE
- EXISTING WETLAND
- FLOOD HAZARD
- FLOODZONE AE
- FLOODWAY
- SWAMP/MARSH HARRIS CREEK
- WETLAND IMPACTS

PARCEL CURVE TABLE

CURVE	RADIUS	LENGTH	CHORD	BEARING
C1	2310.00'	177.66'	177.62'	S 85°36'44" W
C2	1293.60'	342.46'	341.46'	S 70°26'39" W
C3	713.00'	175.93'	175.49'	S 84°34'54" W
C4	3289.02'	363.69'	363.50'	N 89°04'58" W
C5	1415.00'	134.86'	134.81'	N 85°27'24" W
C6	4219.80'	258.16'	258.12'	N 02°03'26" E
C7	760.57'	443.75'	437.48'	N 31°22'17" W
C8	5980.51'	247.98'	249.97'	N 33°39'46" W
C9	4196.85'	289.52'	289.47'	N 29°42'36" W
C10	1444.00'	809.14'	798.60'	N 02°23'44" E



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

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
 DEMOLITION PLAN

DRAWING SHEET
C-3.0
 14 OF 82

NO.	REVISIONS	DATE
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LEGEND:

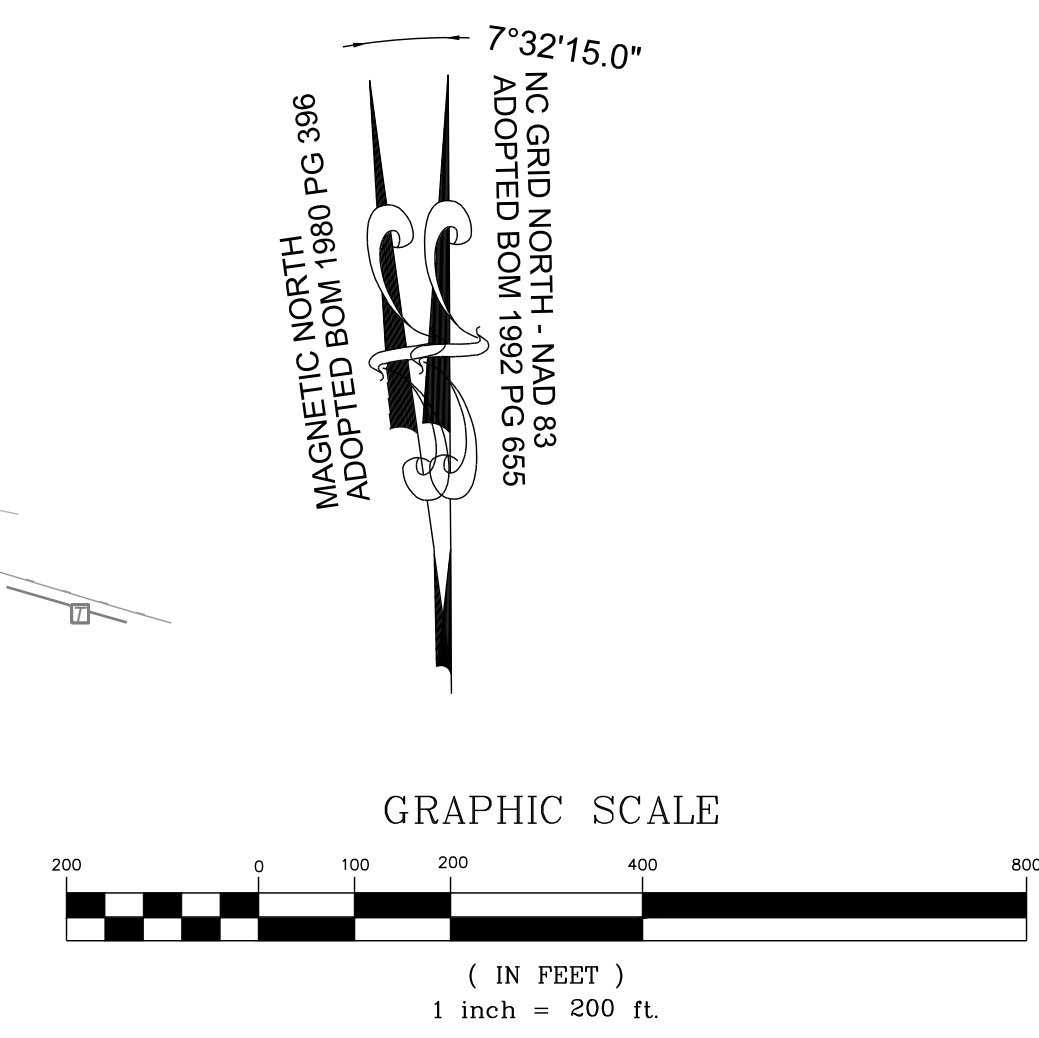
- PHASE 1: 42.33 AC
- PHASE 2: 22.02 AC
- PHASE 3: 20.26 AC
- PHASE 4: 18.32 AC
- PHASE 5: 16.71 AC
- PHASE 6: 19.05 AC

NOTES:

SEE COVER SHEET FOR ALL SETBACK REQUIREMENTS
 SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS
 SEE SHEETS C-6 FOR OPEN SPACE INFORMATION

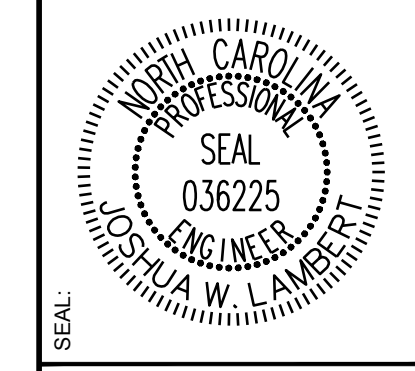
TOWNHOME NOTES:

STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



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NO.	REVISIONS	DATE	BY
01			
02			
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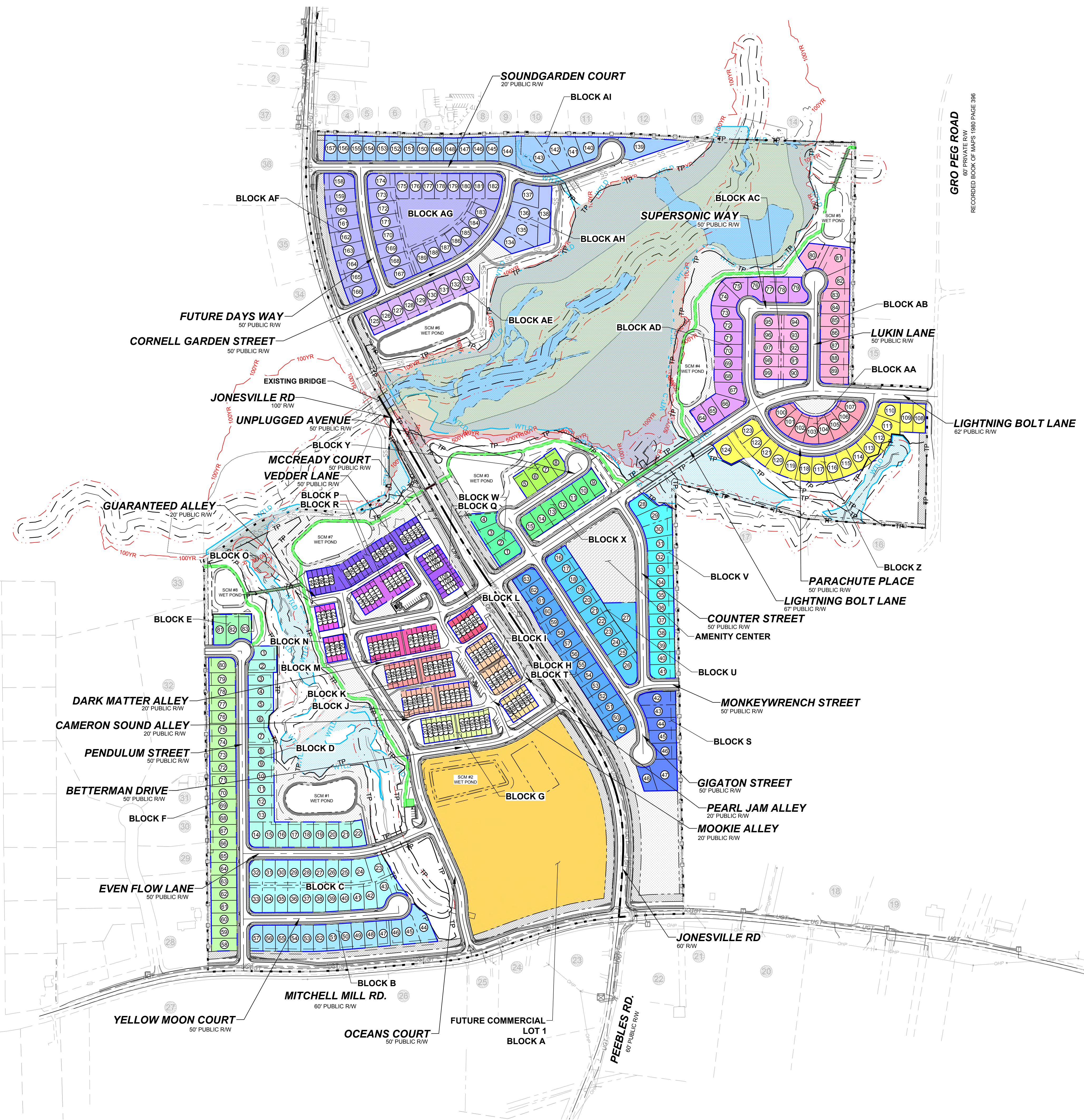
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-23-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
 PHASING PLAN

DRAWING SHEET
C-4.0

15 OF 82

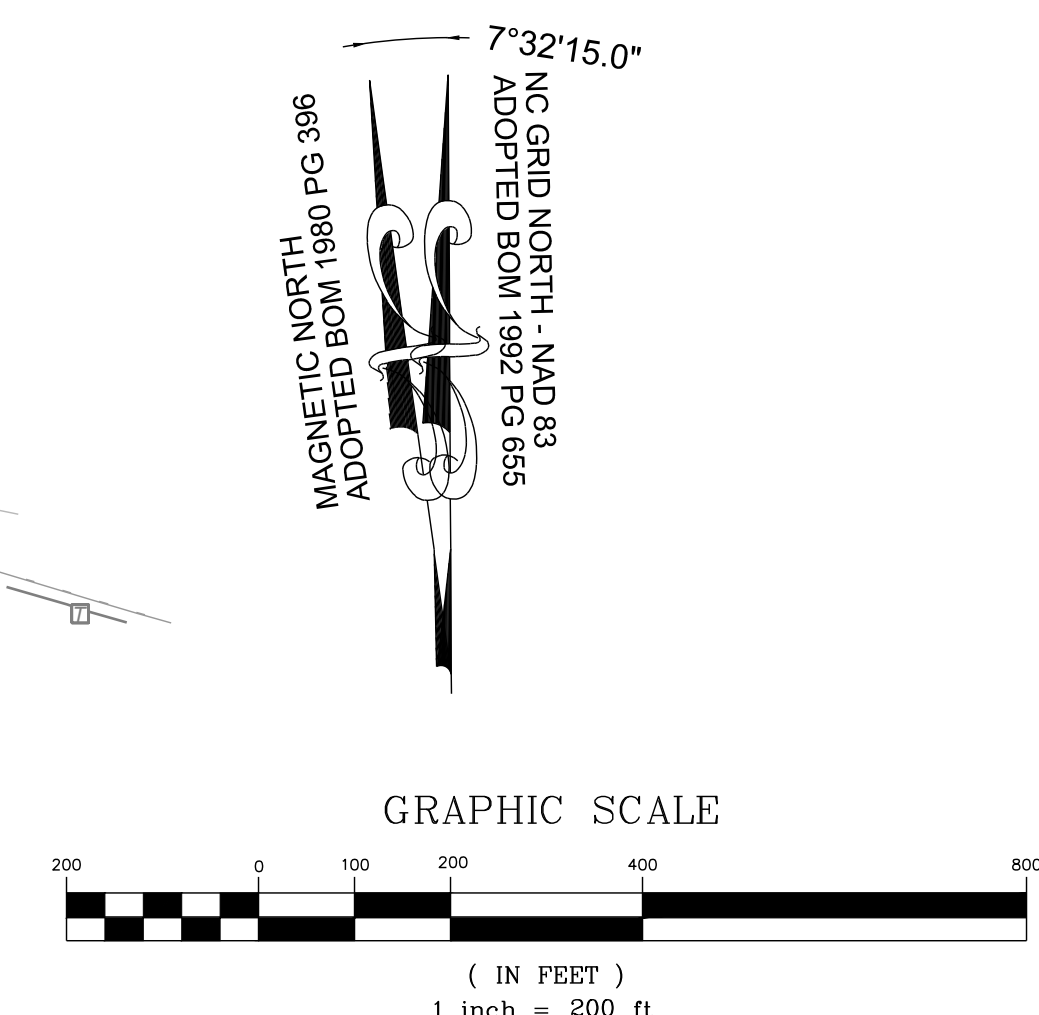


LEGEND:

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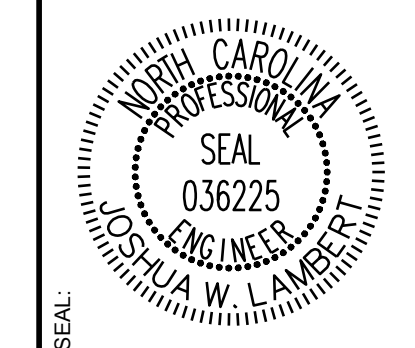
TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

NOTES:
 SEE COVER SHEET FOR ALL SETBACK REQUIREMENTS
 SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS



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NO.	REVISIONS	DATE	BY
01			
02			
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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	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
BLOCK AND LOT PLAN

DRAWING SHEET
C-4.1

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L1	SOUNDGARDEN COURT	28.00'	N19°46'28"W	22+38.85	22+66.85
L2	SOUNDGARDEN COURT	729.66'	N89°58'55"E	10+00.00	17+29.66
L3	SOUNDGARDEN COURT	211.22'	N70°13'32"E	20+27.63	22+38.85
L4	CORNELL GARDEN STREET	15.79'	N0°01'05"W	19+50.07	19+65.86
L5	CORNELL GARDEN STREET	491.62'	N85°38'58"E	10+00.00	14+91.62
L6	LIGHTNING BOLT LANE	1222.94'	N56°12'22"E	10+00.00	22+22.94
L7	LIGHTNING BOLT LANE	451.93'	S87°11'53"E	25+42.30	29+94.22
L8	UNPLUGGED AVENUE	348.89'	N56°12'22"E	11+76.90	15+25.79
L9	UNPLUGGED AVENUE	28.00'	N33°47'38"W	15+25.79	15+53.79
L10	UNPLUGGED AVENUE	176.90'	N33°46'39"W	10+00.00	11+76.90
L11	GIGATON STREET	68.95'	S1°05'25"E	18+43.12	19+12.07
L12	GIGATON STREET	70.05'	S32°03'33"E	12+05.00	12+75.05
L13	GIGATON STREET	406.86'	S33°46'39"E	13+05.04	17+11.90
L14	GIGATON STREET	175.00'	S33°46'39"E	10+00.00	11+75.00
L15	COUNTER STREET	103.46'	S33°47'38"E	10+00.00	11+03.46
L16	COUNTER STREET	530.88'	S1°05'25"E	12+34.74	17+65.61
L17	MONKEYWRENCH STREET	2.12'	S56°13'21"W	12+16.59	12+18.71
L18	MONKEYWRENCH STREET	85.37'	S88°54'35"W	10+00.00	10+85.37
L19	SUPERSONIC WAY	11.85'	N28°40'28"W	10+00.00	10+11.85
L20	SUPERSONIC WAY	258.23'	S89°18'50"E	13+94.68	16+52.91
L21	SUPERSONIC WAY	264.97'	N0°41'10"E	11+29.71	13+94.68
L22	PARACHUTE PLACE	61.73'	S28°40'28"E	10+00.00	10+61.73
L23	PARACHUTE PLACE	2.61'	N59°15'52"E	14+31.29	14+33.90
L24	PARACHUTE PLACE	4.68'	N2°48'07"E	16+60.56	16+65.24
L25	LUKIN LANE	434.34'	N0°41'10"E	10+00.00	14+34.34
L26	MCCREADY COURT	116.47'	S56°12'22"W	10+00.00	11+16.47
L27	MCCREADY COURT	351.71'	S79°05'59"W	12+40.34	15+92.05
L28	OCEANS COURT	115.42'	N14°39'30"W	10+00.00	11+15.42
L29	OCEANS COURT	17.18'	N2°10'11"W	11+91.71	12+08.88
L30	OCEANS COURT	288.95'	N23°37'43"W	13+24.99	16+13.93

LINE TABLE					
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION
L31	OCEANS COURT	76.14'	N8°29'13"W	17+46.08	18+22.21
L32	OCEANS COURT	274.64'	N33°36'56"W	19+58.17	22+32.81
L33	OCEANS COURT	30.91'	N10°59'05"W	25+15.22	25+46.13
L34	OCEANS COURT	56.04'	N10°59'05"W	23+55.26	24+11.30
L35	OCEANS COURT	103.92'	N10°59'05"W	24+11.31	25+15.22
L36	BETTERMAN DRIVE	205.88'	S56°21'23"W	10+00.00	12+05.88
L37	BETTERMAN DRIVE	298.92'	S81°30'47"W	13+59.56	16+58.48
L38	VEDDER LANE	7.54'	N12°48'44"W	10+00.00	10+07.54
L39	VEDDER LANE	169.36'	N33°39'46"W	10+91.24	12+60.59
L40	EVEN FLOW LANE	398.73'	N90°00'00"E	10+00.00	13+98.73
L41	EVEN FLOW LANE	167.06'	N66°21'40"E	16+05.02	17+72.08
L42	YELLOW MOON COURT	282.58'	N89°38'34"E	10+00.00	12+82.58
L43	YELLOW MOON COURT	269.10'	N85°56'51"E	13+46.50	16+15.59
L44	YELLOW MOON COURT	28.00'	N4°03'09"W	16+15.60	16+43.59
L45	PENDULUM STREET	1264.52'	N0°23'26"W	10+00.00	22+64.52
L46	PENDULUM STREET	145.12'	S89°38'34"W	22+64.53	24+09.64
L47	MOOKIE ALLEY	22.33'	S12°40'02"E	10+00.00	10+22.33
L48	MOOKIE ALLEY	341.67'	S33°36'56"E	10+77.18	14+18.84
L49	MOOKIE ALLEY	125.34'	S23°26'24"E	14+45.48	15+70.82
L50	CAMERON SOUND ALLEY	20.01'	N56°23'04"E	10+00.00	10+20.01
L51	CAMERON SOUND ALLEY	225.68'	N81°30'47"E	10+85.80	13+11.48
L52	CAMERON SOUND ALLEY	163.72'	N56°21'23"E	13+77.34	15+41.05
L53	DARK MATTER ALLEY	16.09'	N56°23'04"E	10+00.00	10+16.09
L54	DARK MATTER ALLEY	303.00'	N79°05'59"E	10+75.57	13+78.57
L55	DARK MATTER ALLEY	111.56'	N56°23'04"E	14+38.04	15+49.60
L56	GUARANTEED ALLEY	355.03'	N58°06'55"E	11+75.08	15+30.10
L57	GUARANTEED ALLEY	120.13'	N79°05'59"E	10+00.00	11+20.13
L58	PEARL JAM ALLEY	22.86'	N33°38'37"W	10+00.00	10+22.86
L59	PEARL JAM ALLEY	32.89'	N25°36'48"W	10+43.89	10+76.78
L60	PEARL JAM ALLEY	192.60'	N33°36'56"W	10+97.73	12+90.33

CURVE TABLE									
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION		
C1	SOUNDGARDEN COURT	230.00'	109.33'	108.30'	S76°24'01"E	17+29.66	18+38.99		
C2	SOUNDGARDEN COURT	230.00'	188.64'	183.39'	S86°16'43"E	18+38.99	20+27.63		
C3	FUTURE DAYS WAY	1250.00'	518.68'	514.96'	S11°25'57"E	10+00.00	15+18.68		
C4	CORNELL GARDEN STREET	400.00'	458.45'	433.76'	N32°48'56"E	14+91.62	19+50.06		
C5	LIGHTNING BOLT LANE	500.00'	319.36'	313.96'	N74°30'15"E	22+22.94	25+42.30		
C6	GIGATON STREET	230.00'	131.21'	129.44'	S17°26'02"E	17+11.90	18+43.12		
C7	GIGATON STREET	1000.00'	29.99'	29.99'	S32°55'06"E	11+75.00	12+04.99		
C8	GIGATON STREET	1000.00'	29.99'	29.99'	S32°55'06"E	12+75.05	13+05.04		
C9	COUNTER STREET	230.00'	131.28'	129.51'	S17°26'31"E	11+03.46	12+34.74		
C10	MONKEYWRENCH STREET	230.00'	131.21'	129.44'	S72°33'58"W	10+85.37	12+16.59		
C11	SUPERSONIC WAY	230.00'	117.86'	116.57'	N13°59'38"W	10+11.85	11+29.71		
C12	PARACHUTE PLACE	230.00'	369.56'	331.07'	S74°42'17"E	10+61.73	14+31.29		
C13	PARACHUTE PLACE	230.00'	228.68'	217.60'	N31°02'00"E	14+33.90	16+60.56		
C14	MCCREADY COURT	310.00'	123.87'	123.04'	S67°39'11"W	11+16.47	12+40.33		
C15	OCEANS COURT	350.00'	76.29'	76.14'	N8°24'51"W	11+15.42	11+91.71		
C16	OCEANS COURT	310.00'	116.10'	115.43'	N12°53'57"W	12+08.88	13+24.99		
C17	OCEANS COURT	500.00'	132.14'	131.75'	N16°03'28"W	16+13.93	17+46.07		
C18	OCEANS COURT	310.00'	135.96'	134.87'	N21°03'04"W	18+22.21	19+58.17		
C19	OCEANS COURT	310.00'	122.44'	121.65'	N22°18'00"W	22+32.81	23+55.26		
C20	BETTERMAN DRIVE	350.00'	153.67'	152.44'	S68°56'05"W	12+05.88	13+59.56		
C21	VEDDER LANE	230.00'	83.70'	83.24'	N23°14'15"W	10+07.54	10+91.24		
C22	EVEN FLOW LANE	500.00'	206.29'	204.83'	N78°10'50"E	13+98.73	16+05.02		
C23	YELLOW MOON COURT	1000.00'	63.91'	63.90'	N87°46'43"E	12+82.58	13+46.49		
C24	MOOKIE ALLEY	150.00'	54.84'	54.54'	S23°08'29"E	10+22.33	10+77.17		
C25	MOOKIE ALLEY	150.00'	26.64'	26.60'	S28°31'40"E	14+18.84	14+45.48		



LEGEND:

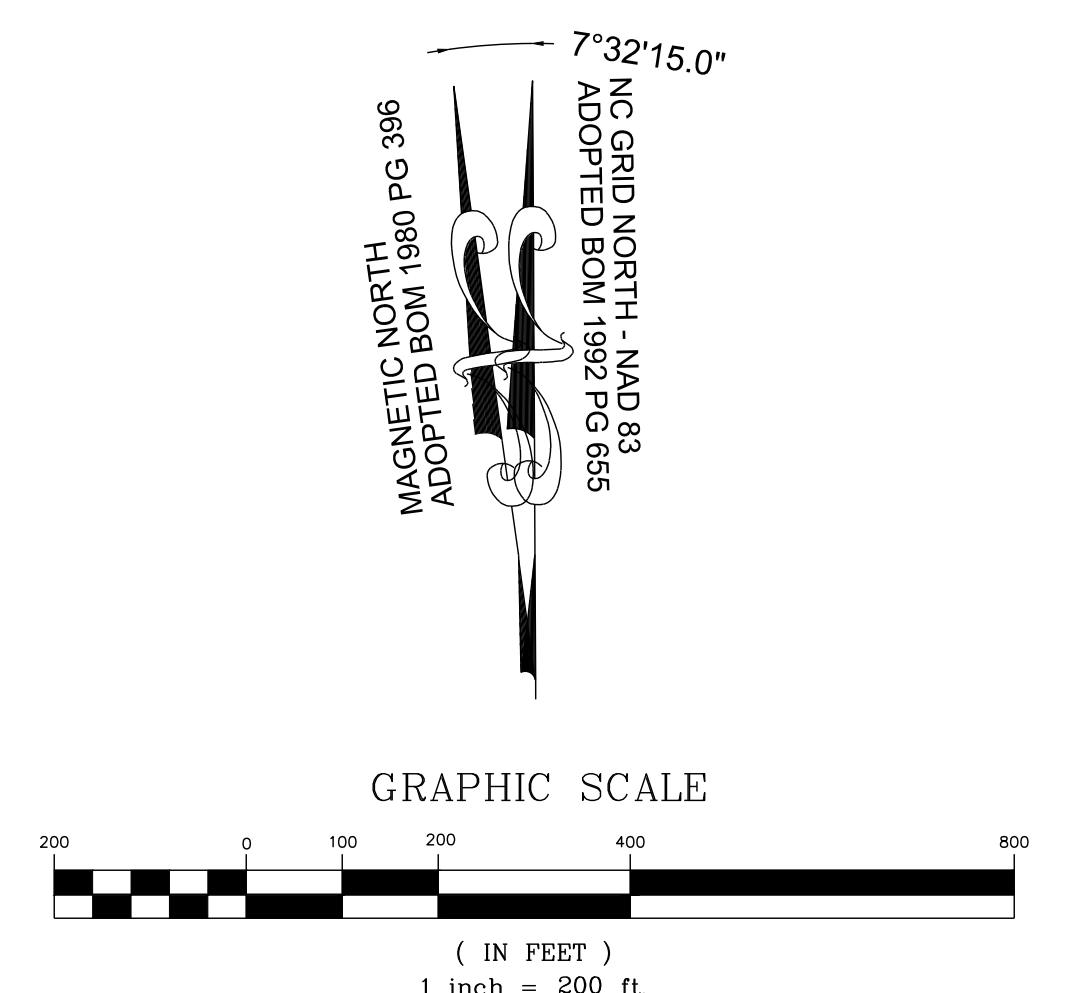
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- 500 YEAR FLOOD LINE
- 100 YEAR FLOOD LINE
- SIGN
- STOP BAR
- ROADWAY CENTER LINE
- PROPOSED PROPERTY LINE
- ROLESVILLE STANDARD VALLEY CURB
- STANDARD CURB & GUTTER
- GREENWAY
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- POLLINATOR GARDEN
- ACTIVE & PASSIVE OPEN SPACE
- 30' STREET YARD BUFFER
- 15' TYPE II PERIMETER BUFFER
- OPEN SPACE
- EXISTING WETLAND
- FLOOD HAZARD
- FLOODZONE AE
- FLOODWAY
- SWAMP/MARSH HARRIS CREEK
- TREE PROTECTION FENCE
- GENERIC WOODEN PRIVACY FENCE
- FENCE PICKET FLAT-TOP FENCING

TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

NOTES:
SEE COVER SHEET FOR ALL SETBACK REQUIREMENTS
SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS

CURVE TABLE									
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION		
C26	CAMERON SOUND ALLEY	150.00'	65.79'	65.26'	N68°56'56"E	10+20.01	10+85.79		
C27	CAMERON SOUND ALLEY	150.00'	65.86'	65.33'	N68°56'05"E	13+11.48	13+77.34		
C28	DARK MATTER ALLEY	150.00'	59.47'	59.08'	N67°44'32"E	10+16.09	10+75.56		
C29	DARK MATTER ALLEY	150.00'	59.47'	59.08'	N67°44'32"E	13+78.57	14+38.03		
C30	GUARANTEED ALLEY	150.00'	54.94'	54.63'	N68°36'27"E	11+20.13	11+75.07		
C31	PEARL JAM ALLEY	150.00'	21.02'	21.01'	N29°37'42"W	10+22.86	10+43.89		
C32	PEARL JAM ALLEY	150.00'	20.95'	20.93'	N29°36'52"W	10+76.78	10+97.73		

- GENERAL NOTES:**
- ALL CONSTRUCTION SHALL CONFORM TO TOWN OF ROLESVILLE AND CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
 - ROADS AND DRIVEWAYS SHALL COMPLY WITH NCDOT AND TOWN OF ROLESVILLE STANDARDS.
 - SIGN PERMITS SHALL BE REQUIRED FOR ANY ENTRANCE SIGNAGE. PERMITS SHALL BE REQUIRED PRIOR TO FABRICATION OR INSTALLATION OF SIGNS. SIGNAGE SHALL BE RESTRICTED TO AN ON-SITE LOCATION.
 - THE WATER AND SEWER SYSTEMS SHALL COMPLY WITH CITY OF RALEIGH STANDARDS.
 - ALL DESIGN AND CONSTRUCTION METHODS SHALL COMPLY WITH WAKE COUNTY'S SEDIMENTATION AND EROSION CONTROL REGULATIONS. AN EROSION CONTROL PLAN SHALL BE APPROVED BY TOWN OF ROLESVILLE PRIOR TO ANY GRADING.
 - CONSTRUCTION DRAWINGS SHALL BE SUBMITTED AND APPROVED BY TOWN OF ROLESVILLE AND CITY OF RALEIGH PRIOR TO CONSTRUCTION.
 - ALL STREETS WITHIN THE SUBDIVISION WILL HAVE A POSTED SPEED LIMIT OF 25 MPH.
 - RESTRICTIVE COVENANTS SHALL BE APPROVED AND RECORDED PRIOR TO RECORDING OF FINAL PLAT.
 - STORMWATER CONTROL MEASURES SHALL BE CONTAINED IN AND ACCESSED VIA OPEN SPACE MAINTAINED AND OWNED BY THE HOMEOWNER'S ASSOCIATION. A MAINTENANCE PLAN MUST BE DEVELOPED TO ADDRESS THE STORMWATER CONTROL MEASURES AND APPROVED BY TOWN OF ROLESVILLE.
 - PRIVATE STORM DRAINAGE EASEMENTS SHALL BE MAINTAINED BY THE HOA.
 - SUBDIVISION LOTS MUST BE LOTS OF RECORD PRIOR TO RECEIVING A BUILDING PERMIT.
 - ALL RETAINING WALLS TO BE DESIGNED BY OTHERS.
 - DETAILED DRAWINGS OF EACH AMENITY, THAT SHOWS COMPLIANCE WITH 6.2.1.G.5 AND 6.2.1.G.6, WILL BE PROVIDED IN A SUBSEQUENT SITE PLAN SUBMITTAL.
 - DETAILED DRAWINGS OF THE COMMERCIAL AREA WILL BE PROVIDED IN A SUBSEQUENT SITE PLAN SUBMITTAL.

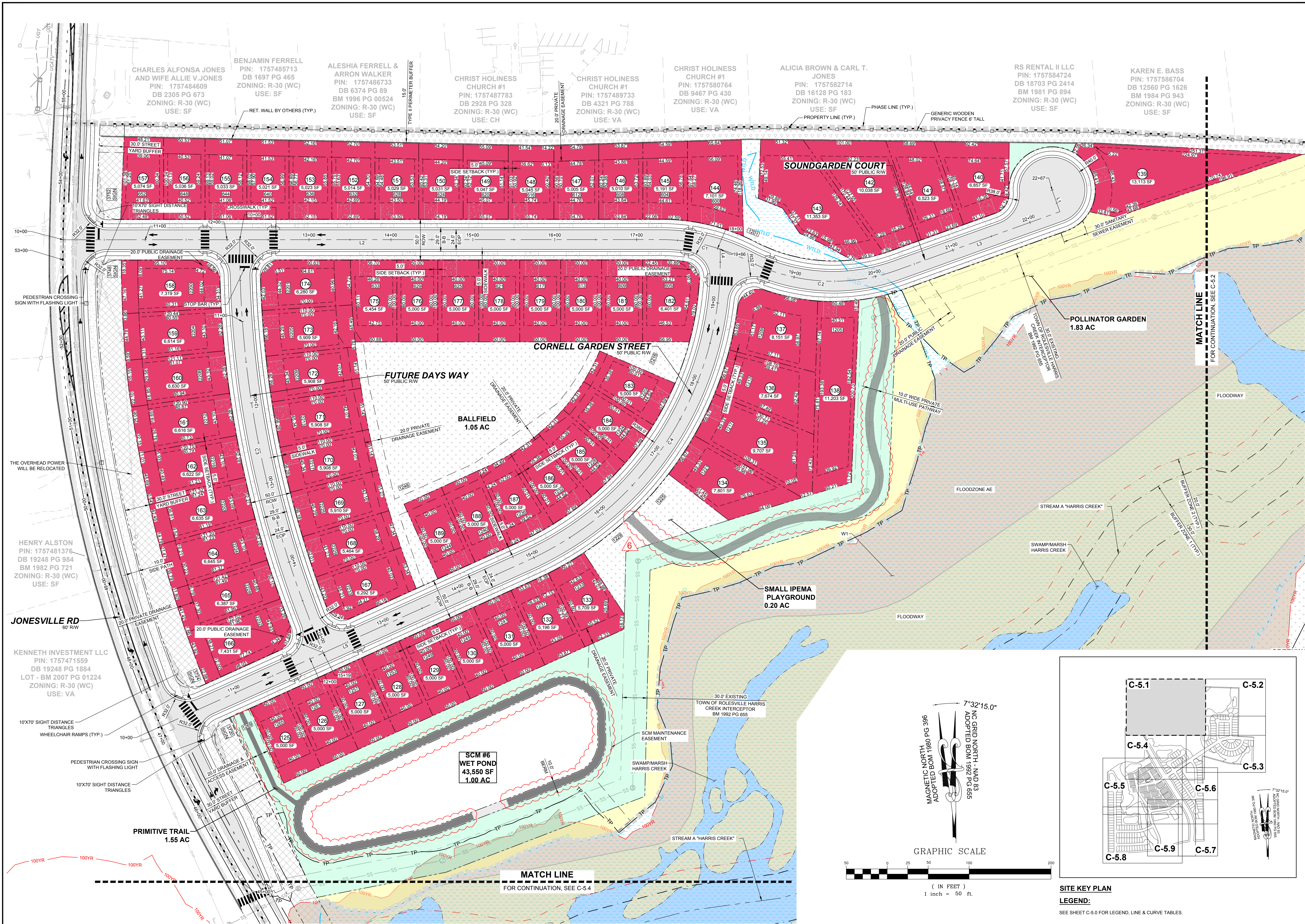


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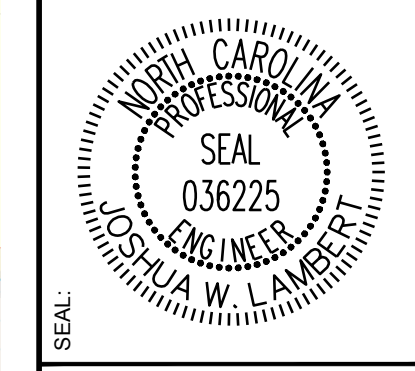
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL SITE PLAN

DRAWING SHEET C-5.0

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NO.	REVISIONS	DATE	BY
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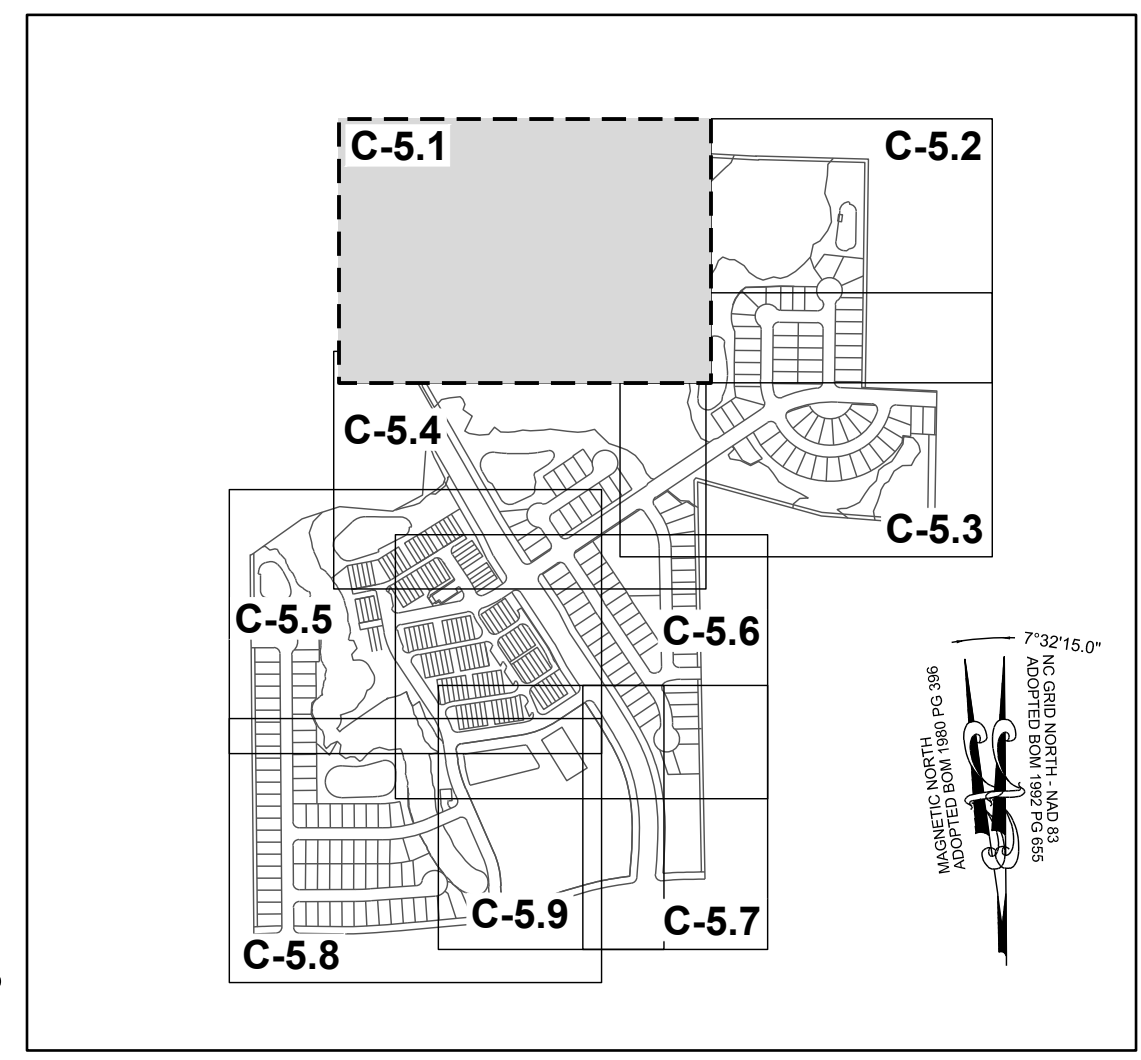
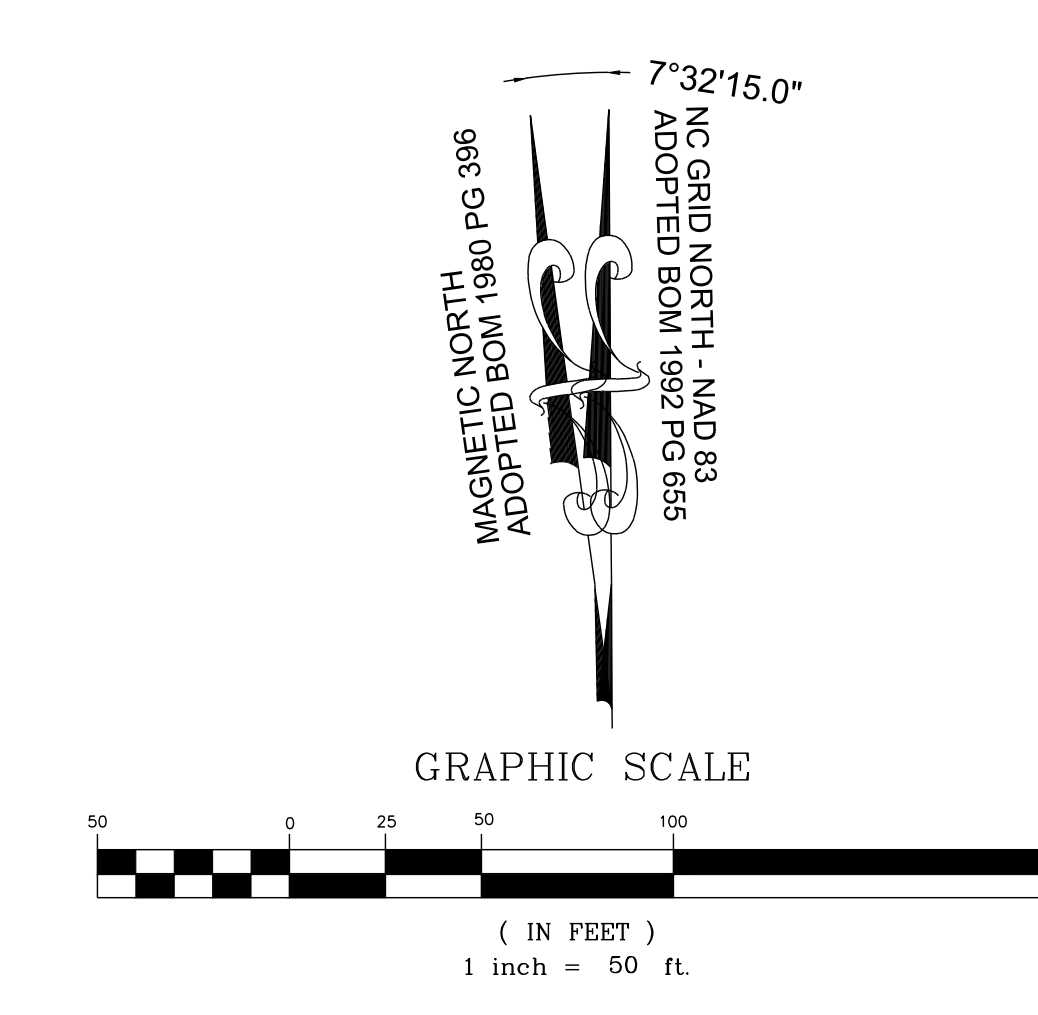
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STRONG ROCK PROJECT P-2166	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
NOT FOR CONSTRUCTION	SCALE AS SHOWN		

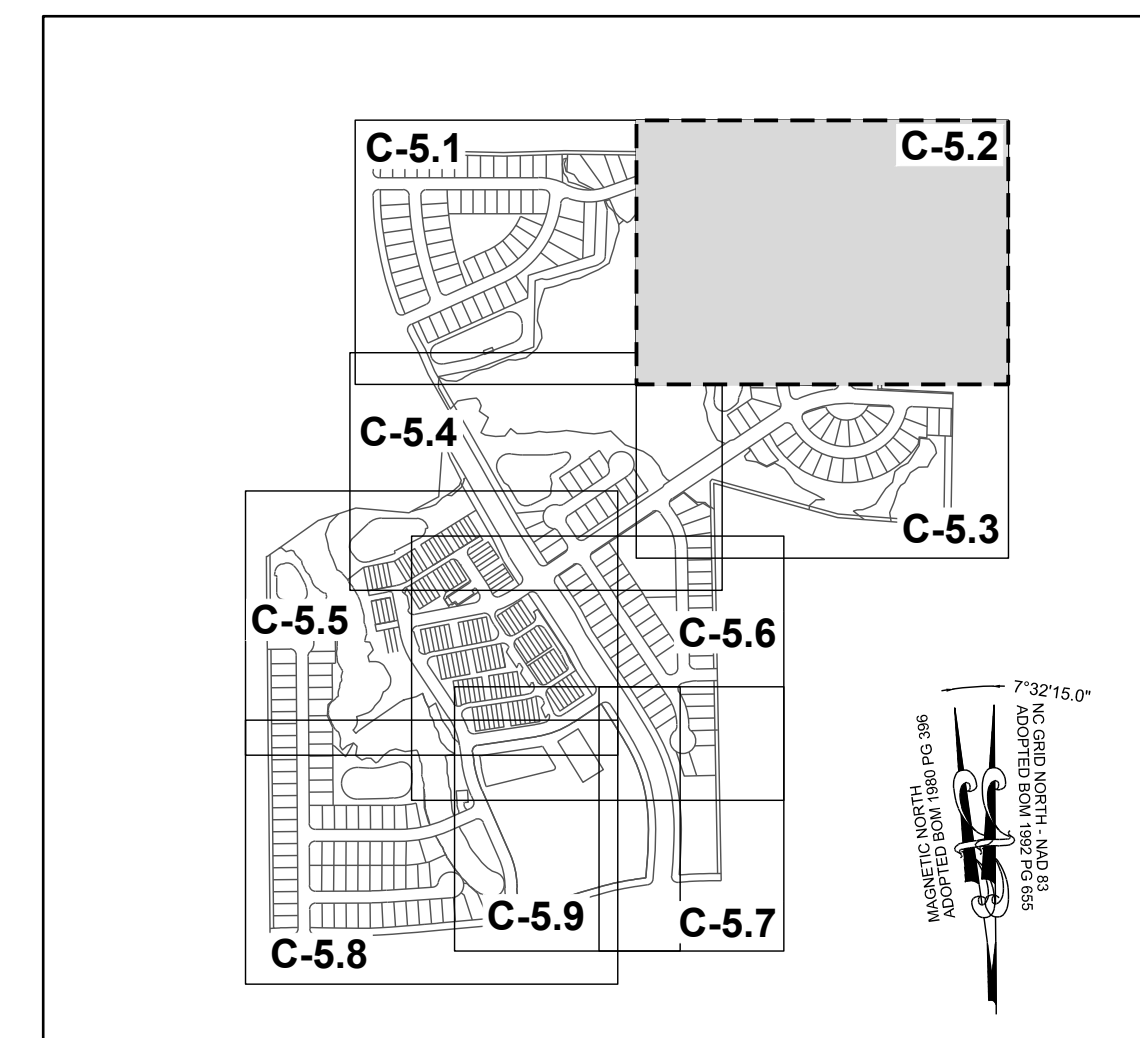
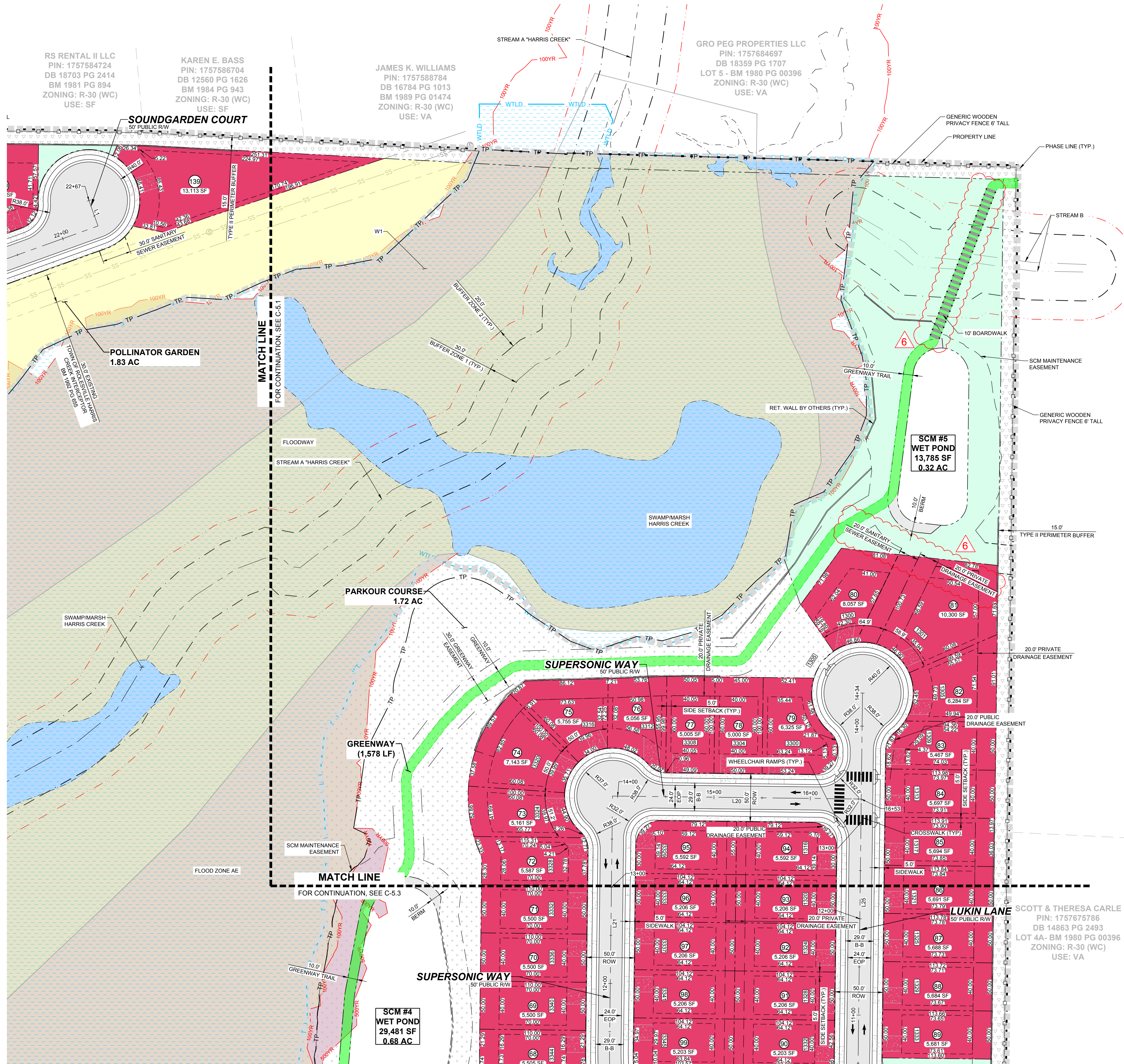
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL SITE PLAN I

DRAWING SHEET
C-5.1

18 OF 82



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SITE KEY PLAN
LEGEND:
 SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAN P-23-03	08/07/2023	JW
02	TOWN OF ROLESVILLE P-23-03	12/05/2023	JW
03	TOWN OF ROLESVILLE P-23-03	03/01/2024	JW
04	TOWN OF ROLESVILLE P-23-03	06/04/2024	JW
05	TOWN OF ROLESVILLE P-23-03	09/03/2024	JW
06	TOWN OF ROLESVILLE P-23-03	11/07/2024	JW

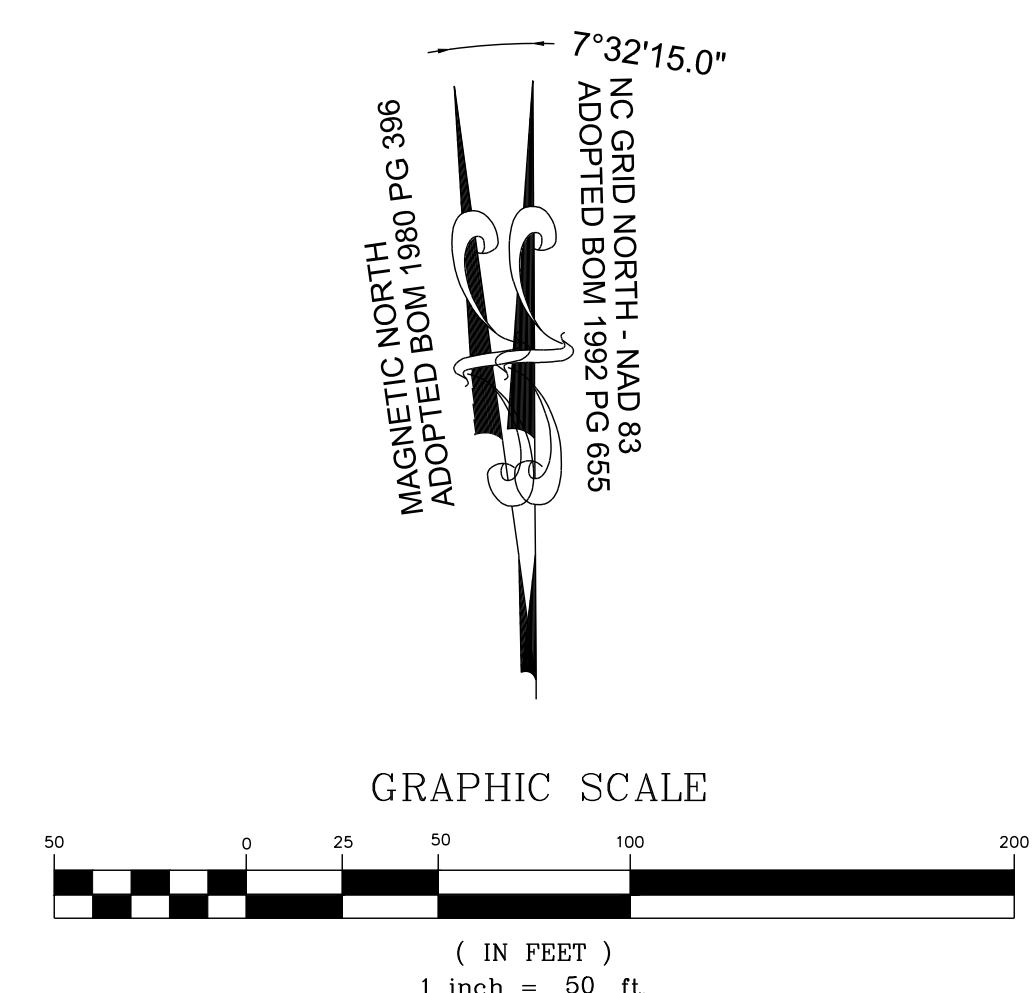
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

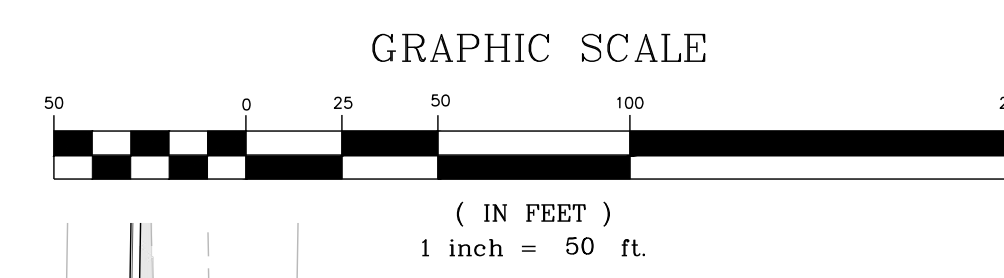
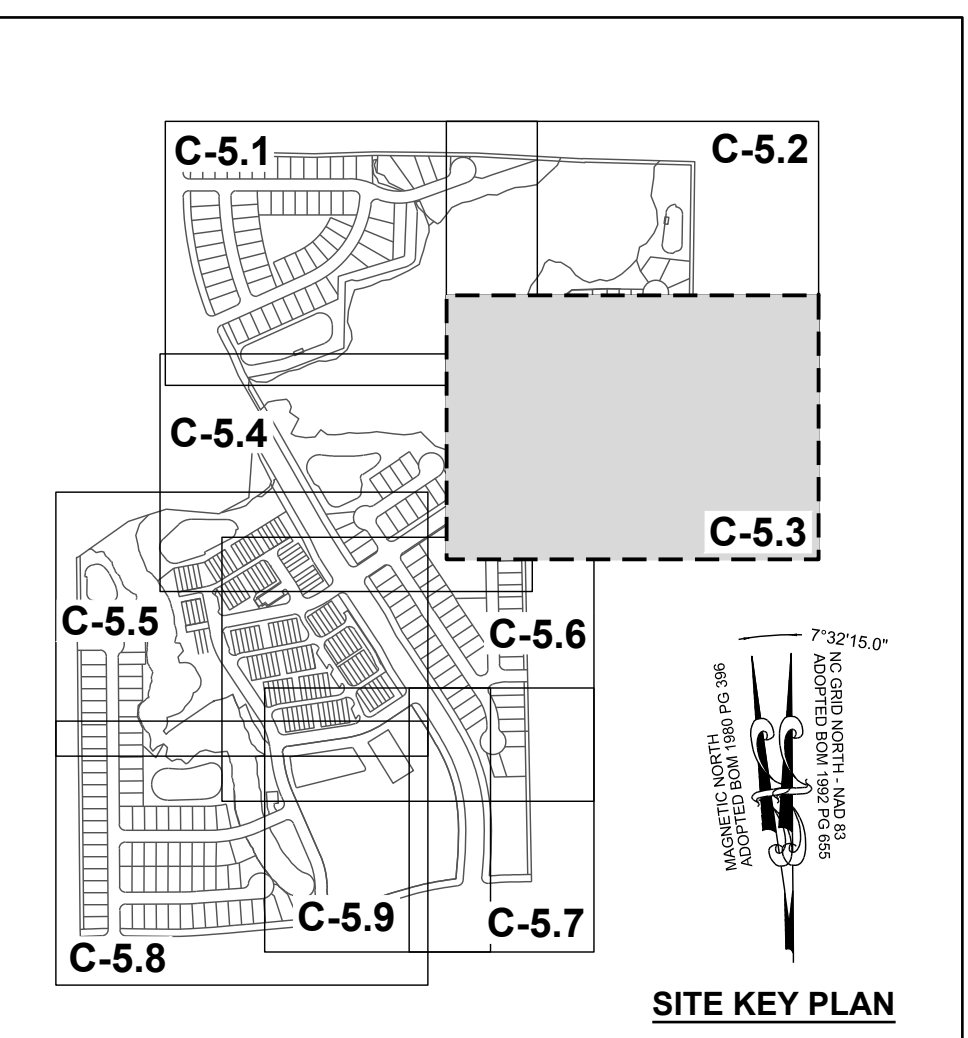
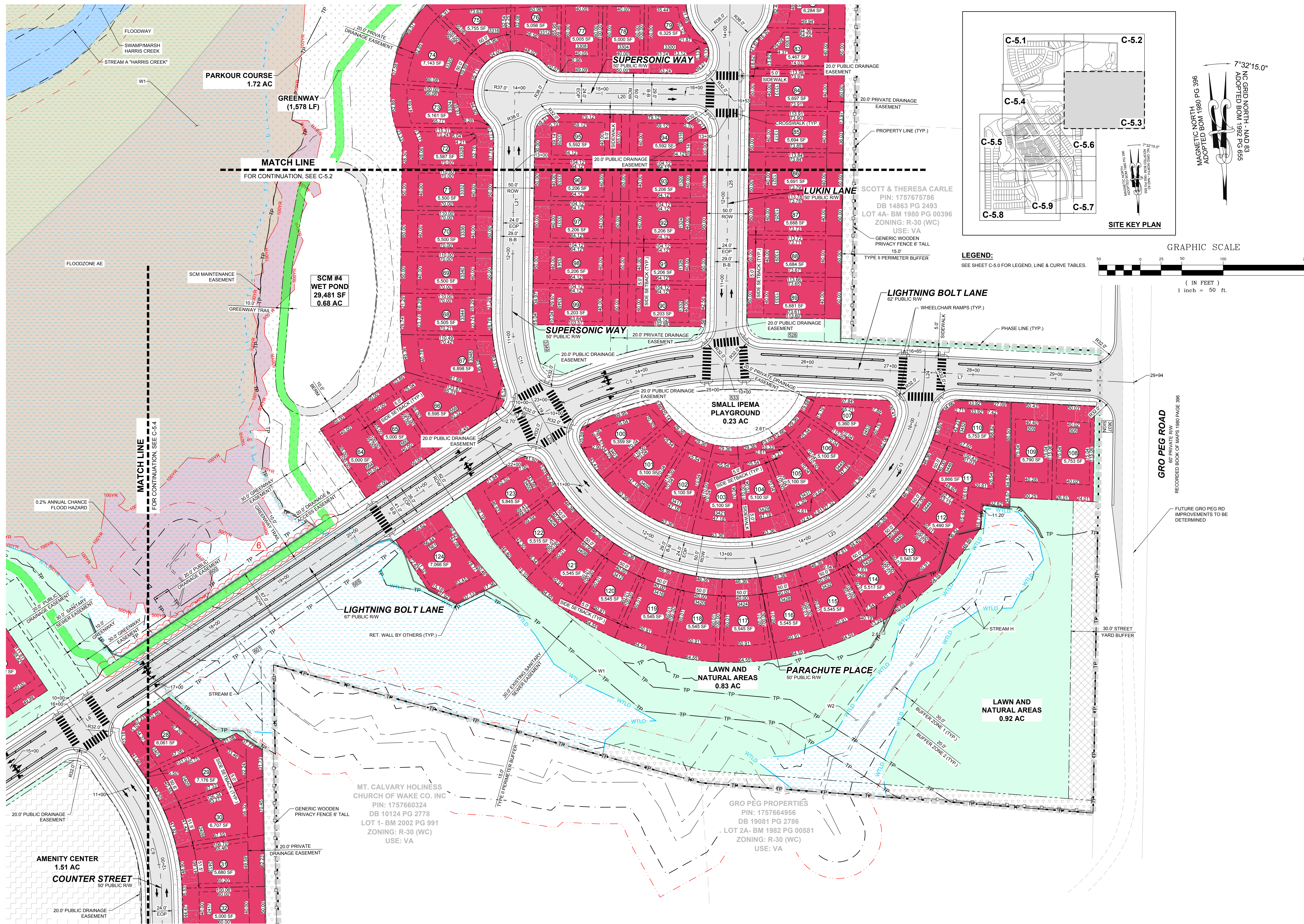
STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-23-03	AS SHOWN	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
 PARTIAL SITE PLAN II

DRAWING SHEET
C-5.2
 19 OF 82

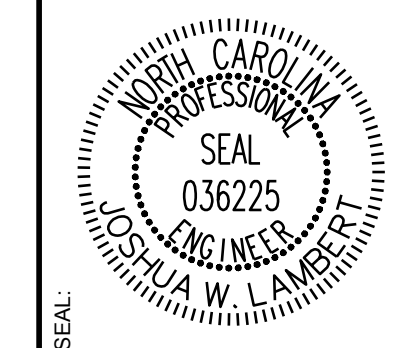


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LEGEND:
SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.

No.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-23-03	08/07/2023	JW
02	TOWN OF ROLESVILLE P-23-03	12/05/2023	JW
03	TOWN OF ROLESVILLE P-23-03	03/07/2024	JW
04	TOWN OF ROLESVILLE P-23-03	09/04/2024	JW
05	TOWN OF ROLESVILLE P-23-03	09/04/2024	JW
06	TOWN OF ROLESVILLE P-23-03	11/07/2024	JW



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STRONG ROCK PROJECT	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-23-03	JWL	JWL	JWL

NOT FOR CONSTRUCTION AS SHOWN

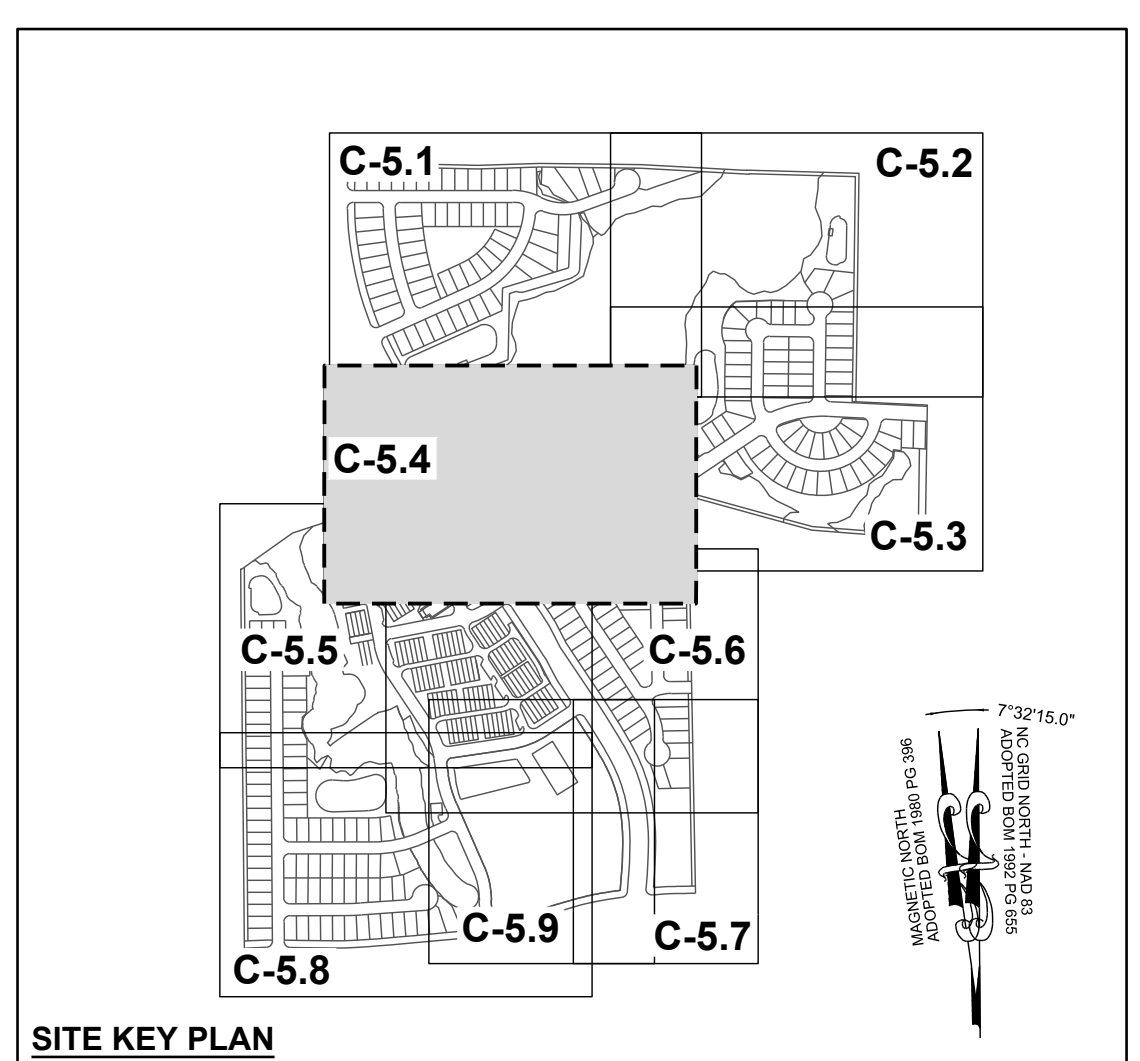
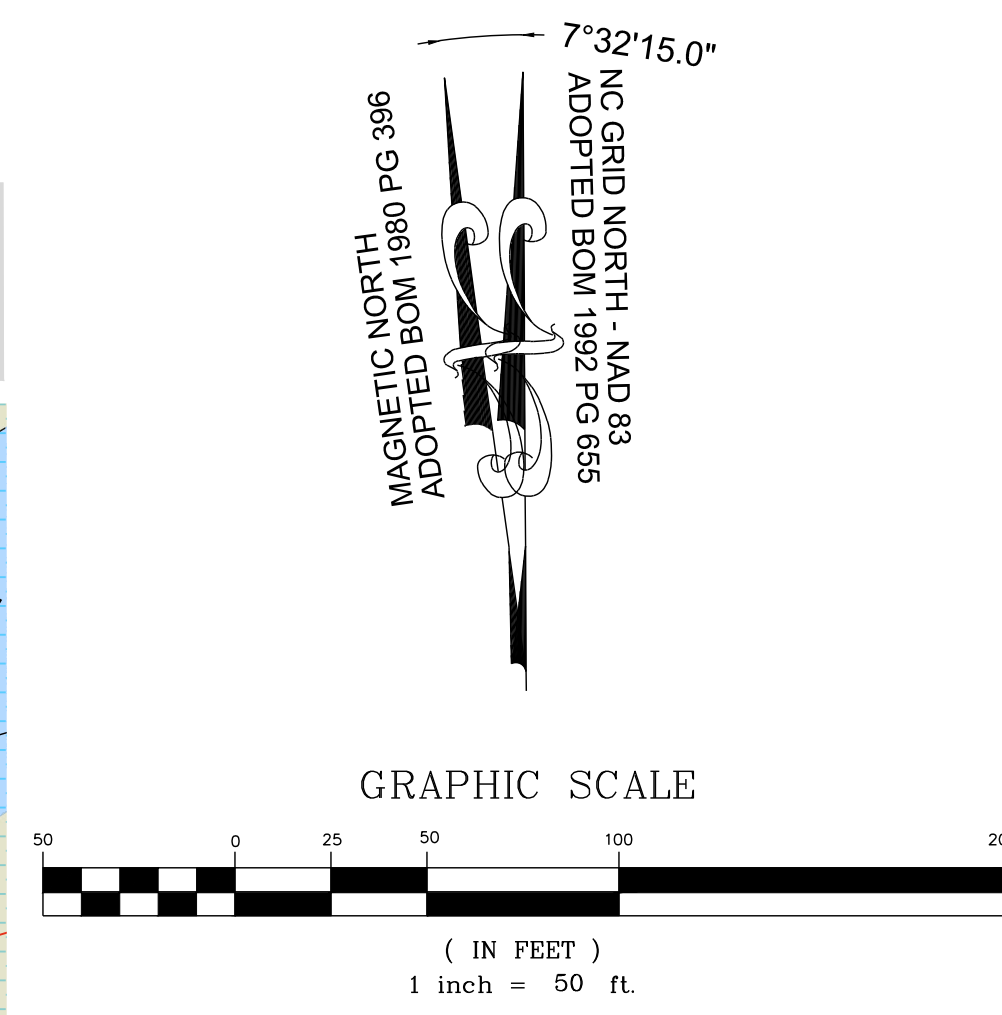
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL SITE PLAN III

DRAWING SHEET
C-5.3

20 OF 82

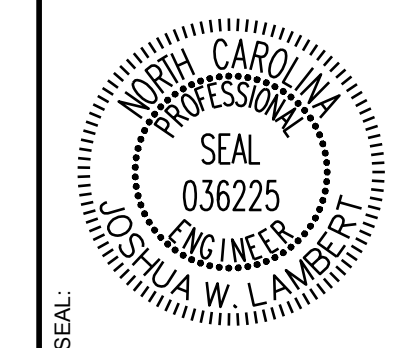
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TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

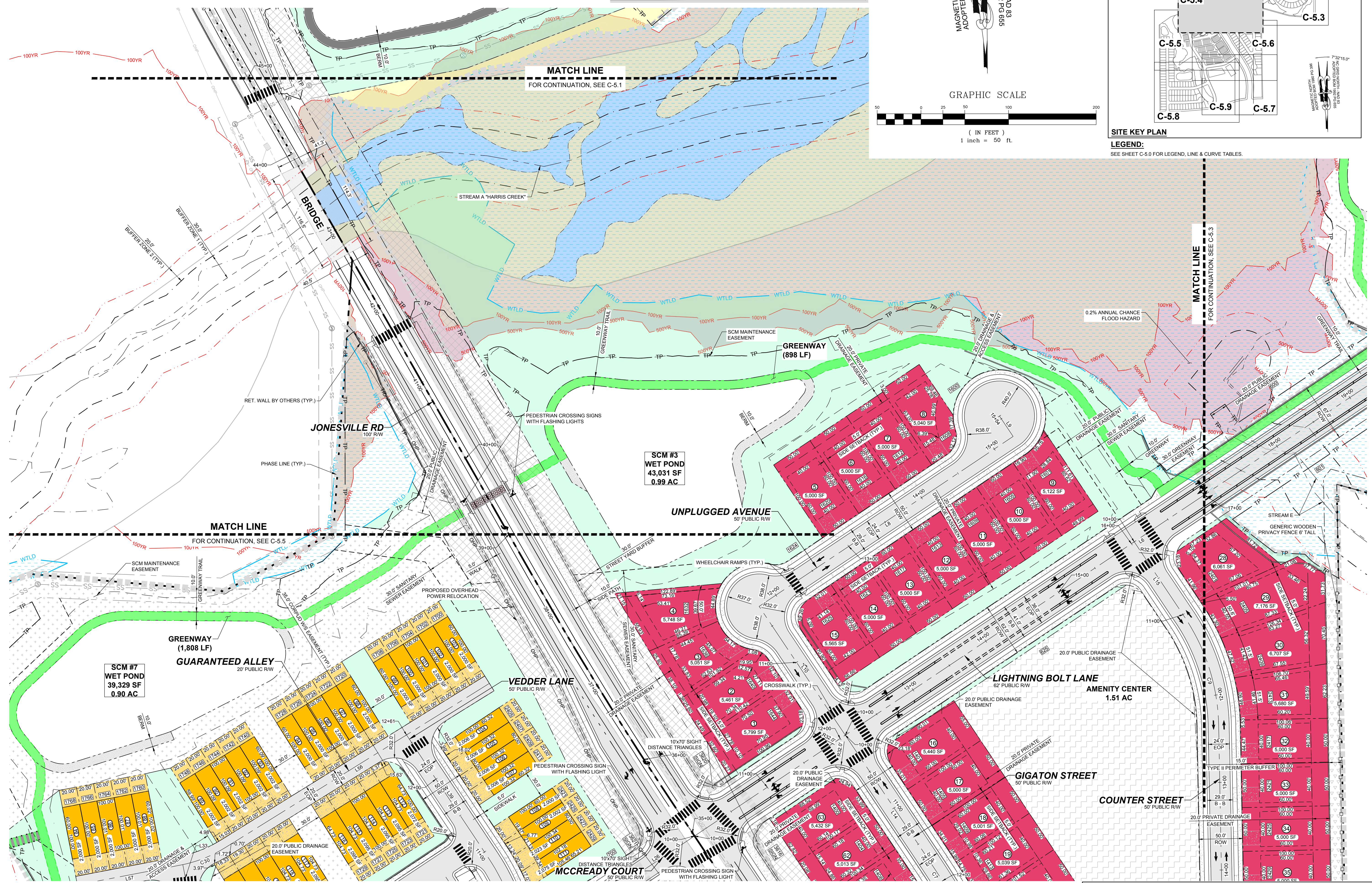


No.	REVISIONS	DATE	BY
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NO.	DESCRIPTION	DATE	BY
01	PRELIMINARY SUBDIVISION PLAN P-23-03	08/01/2023	ISREG
02	TOWN OF ROLESVILLE P-23-03	12/05/2023	ISREG
03	TOWN OF ROLESVILLE P-23-03	03/07/2024	ISREG
04	TOWN OF ROLESVILLE P-23-03	06/04/2024	ISREG
05	TOWN OF ROLESVILLE P-23-03	08/02/2024	ISREG
06	TOWN OF ROLESVILLE P-23-03	09/03/2024	ISREG
07	TOWN OF ROLESVILLE P-23-03	11/07/2024	ISREG
08	TOWN OF ROLESVILLE P-23-03	11/07/2024	ISREG



LEGEND:
SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.



MATCH LINE
FOR CONTINUATION, SEE C-5.1

MATCH LINE
FOR CONTINUATION, SEE C-5.3

MATCH LINE
FOR CONTINUATION, SEE C-5.5

SCM #7
WET POND
39,329 SF
0.90 AC

SCM #3
WET POND
43,031 SF
0.99 AC

AMENITY CENTER
1.51 AC

COUNTER STREET
50' PUBLIC RW

GIGATON STREET
50' PUBLIC RW

LIGHTNING BOLT LANE
62' PUBLIC RW

VEDDER LANE
50' PUBLIC RW

JONESVILLE RD
100' SW

UNPLUGGED AVENUE
50' PUBLIC RW

GREENWAY
(898 LF)

GREENWAY
(1,808 LF)

GUARANTEED ALLEY
20' PUBLIC RW

MCCREADY COURT
50' PUBLIC RW

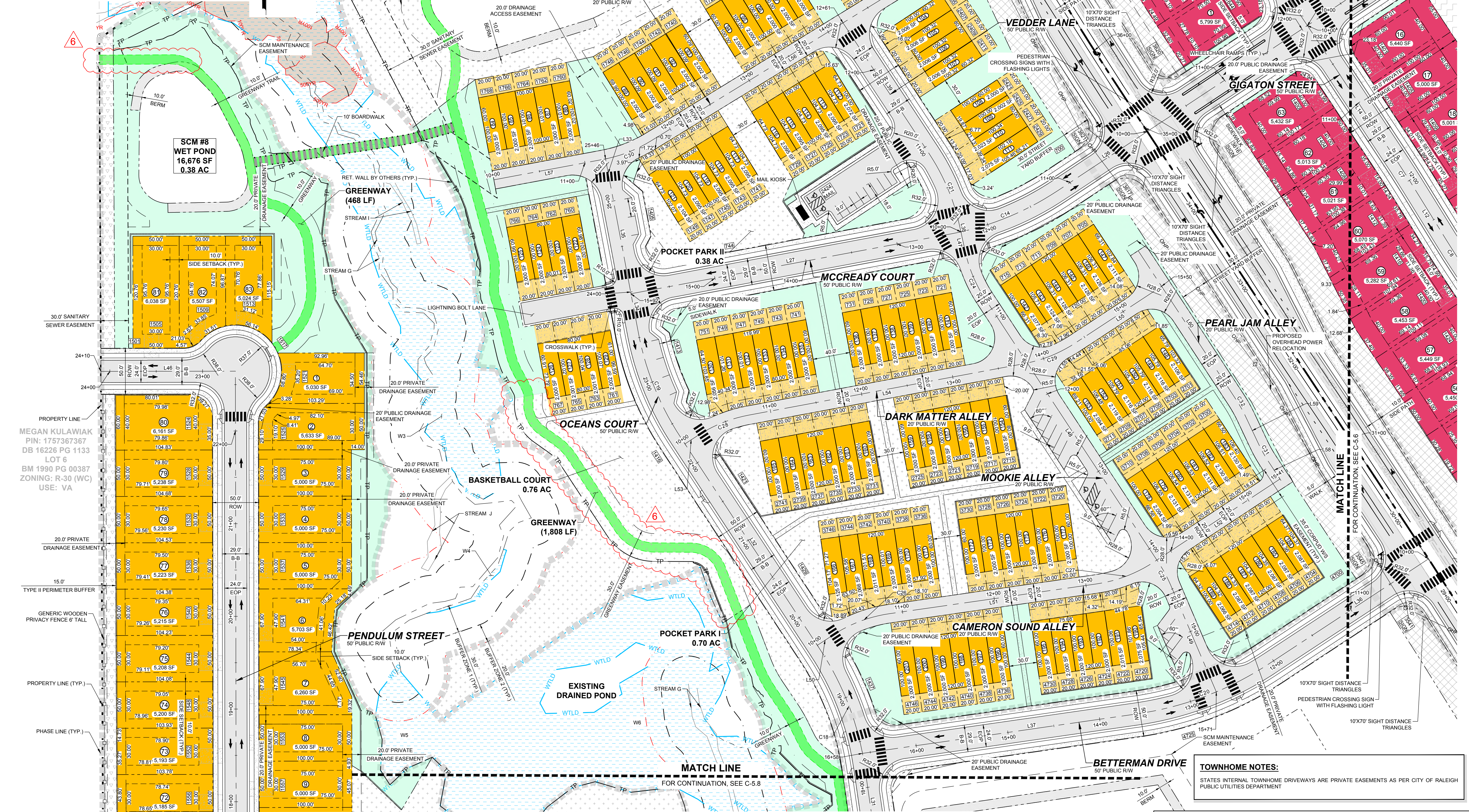
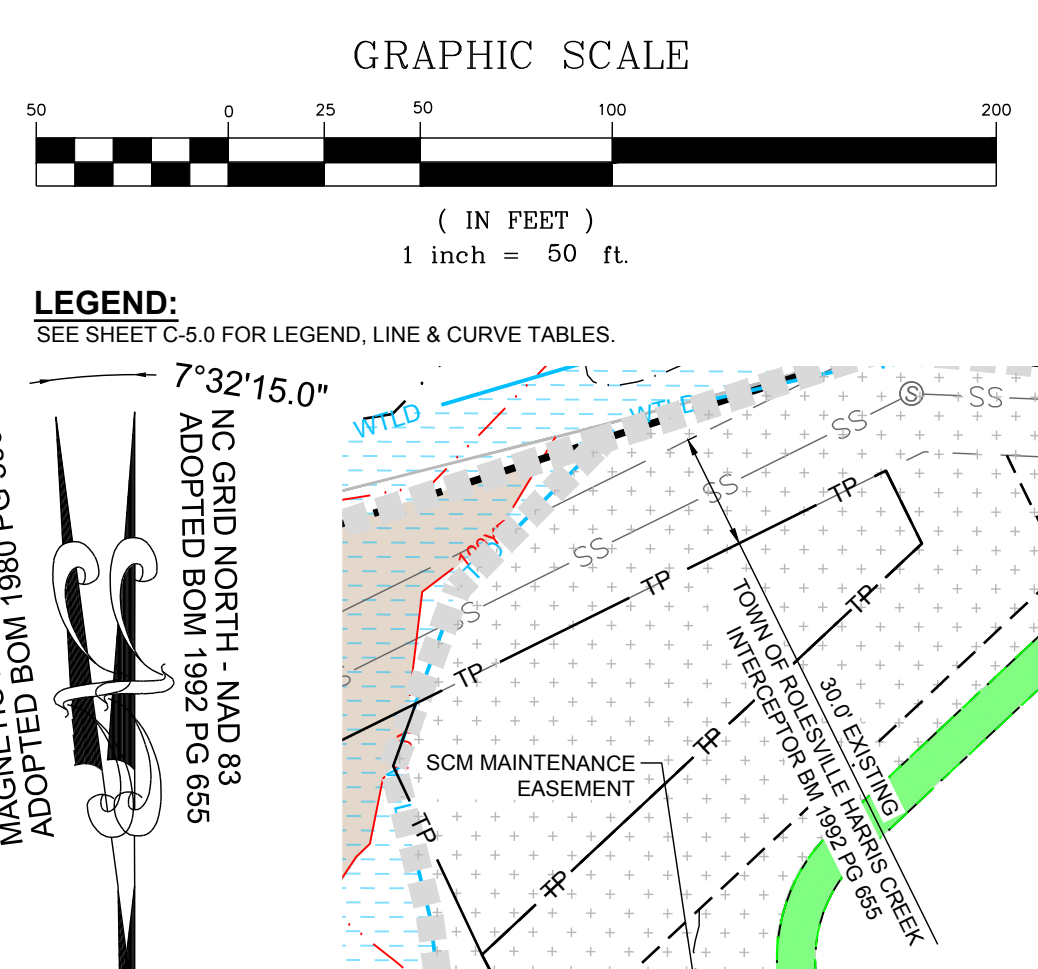
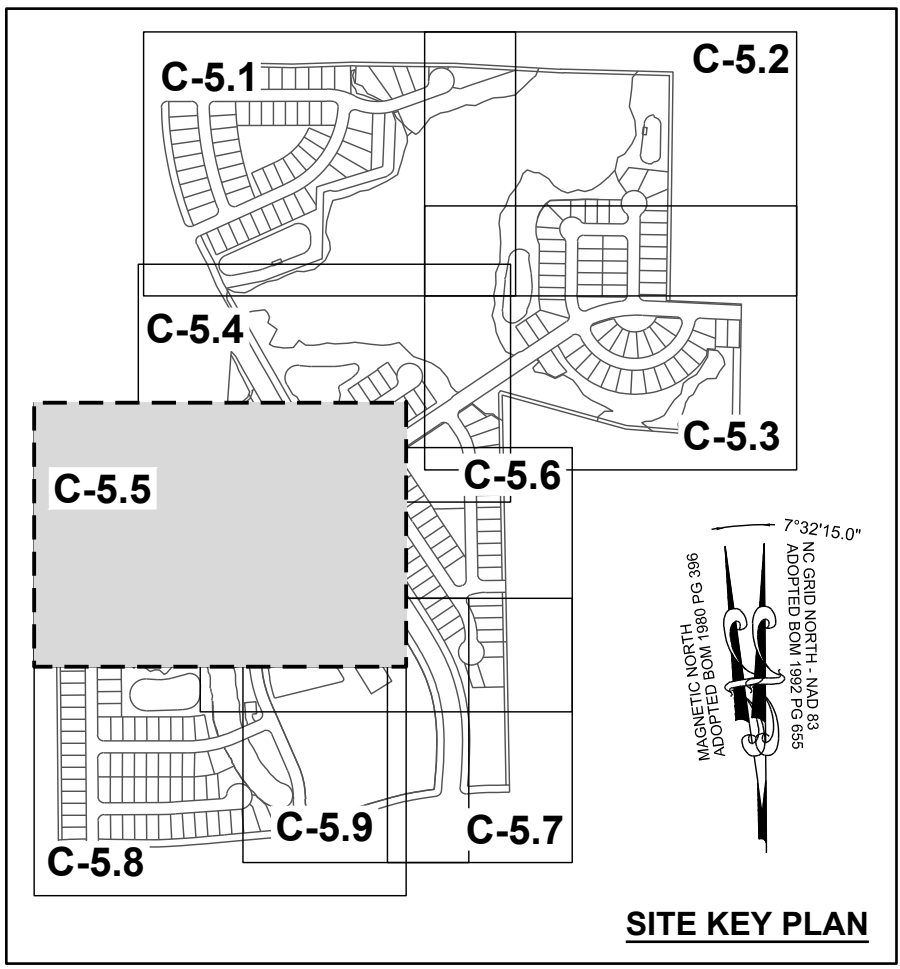
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STRONGROCK ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL SITE PLAN IV

DRAWING SHEET
C-5.4

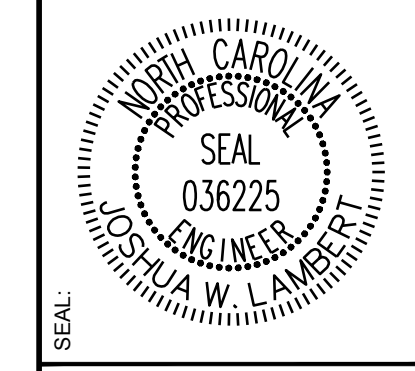
21 OF 82



MEGAN KULAWIAK
PIN: 1757367367
DB 16226 PG 1133
LOT 6
BM 1990 PG 00387
ZONING: R-30 (WC)
USE: VA

TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

NO.	REVISIONS	DATE	BY
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ENGINEERING GROUP

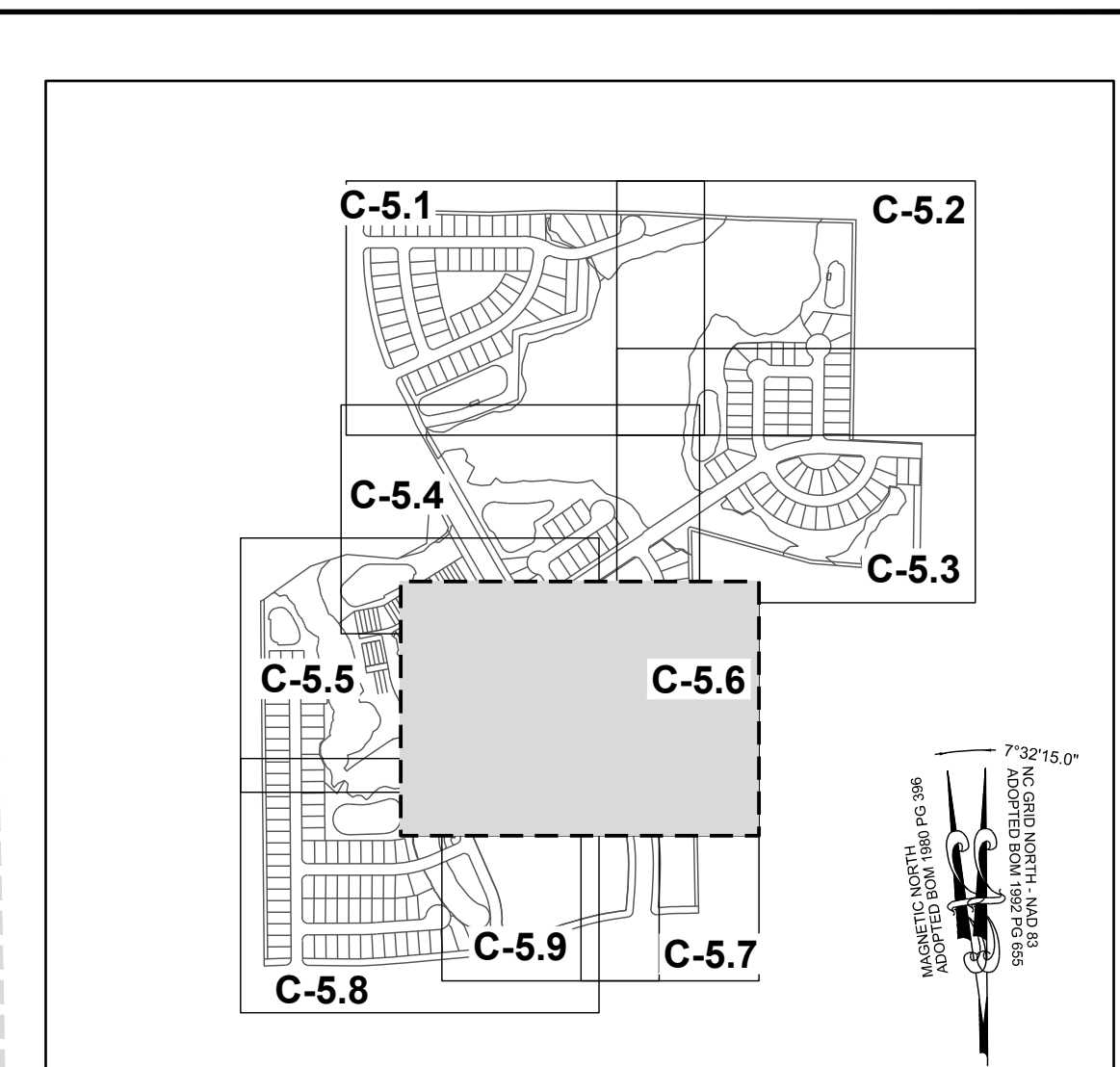
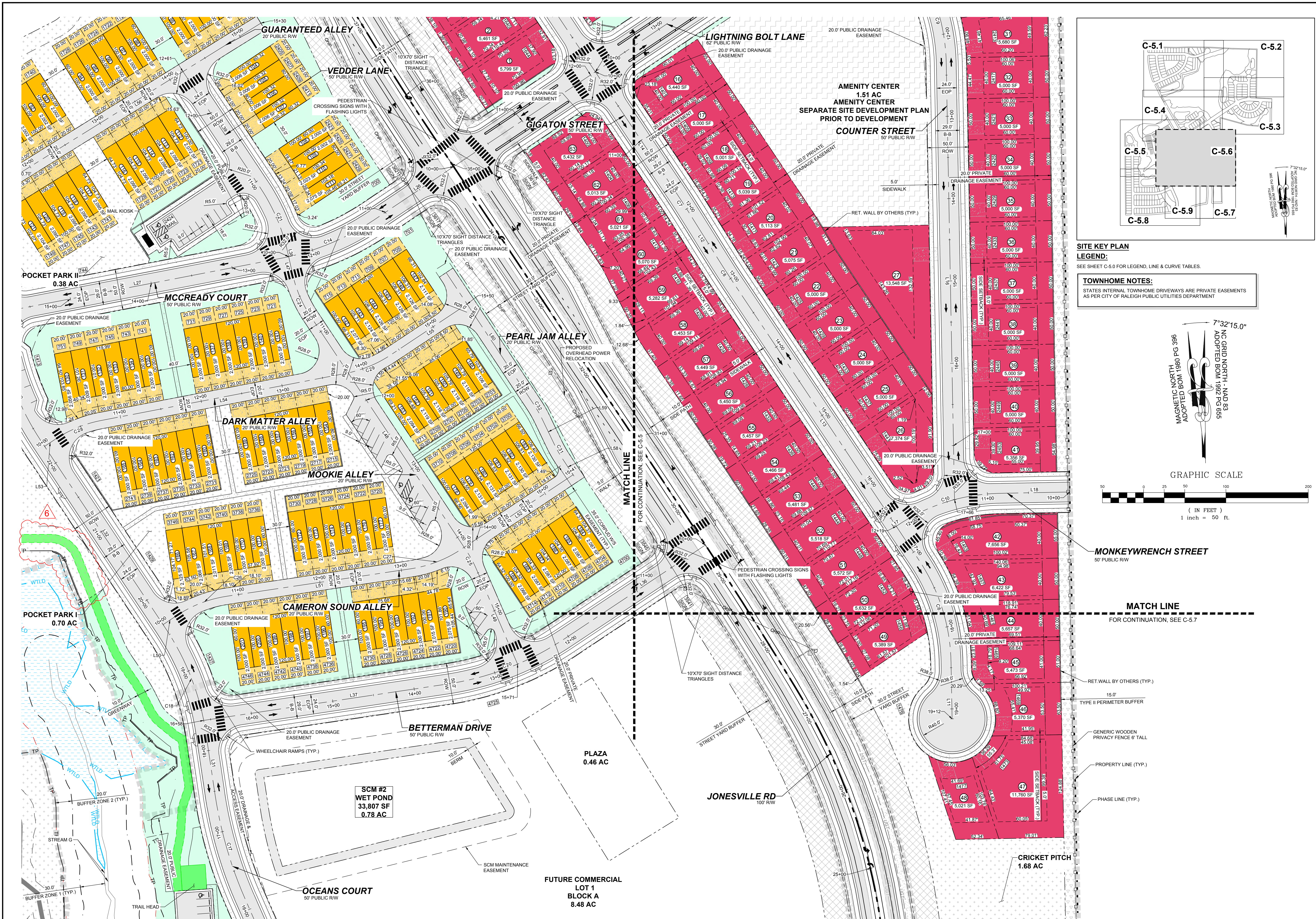
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-06	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL SITE PLAN V

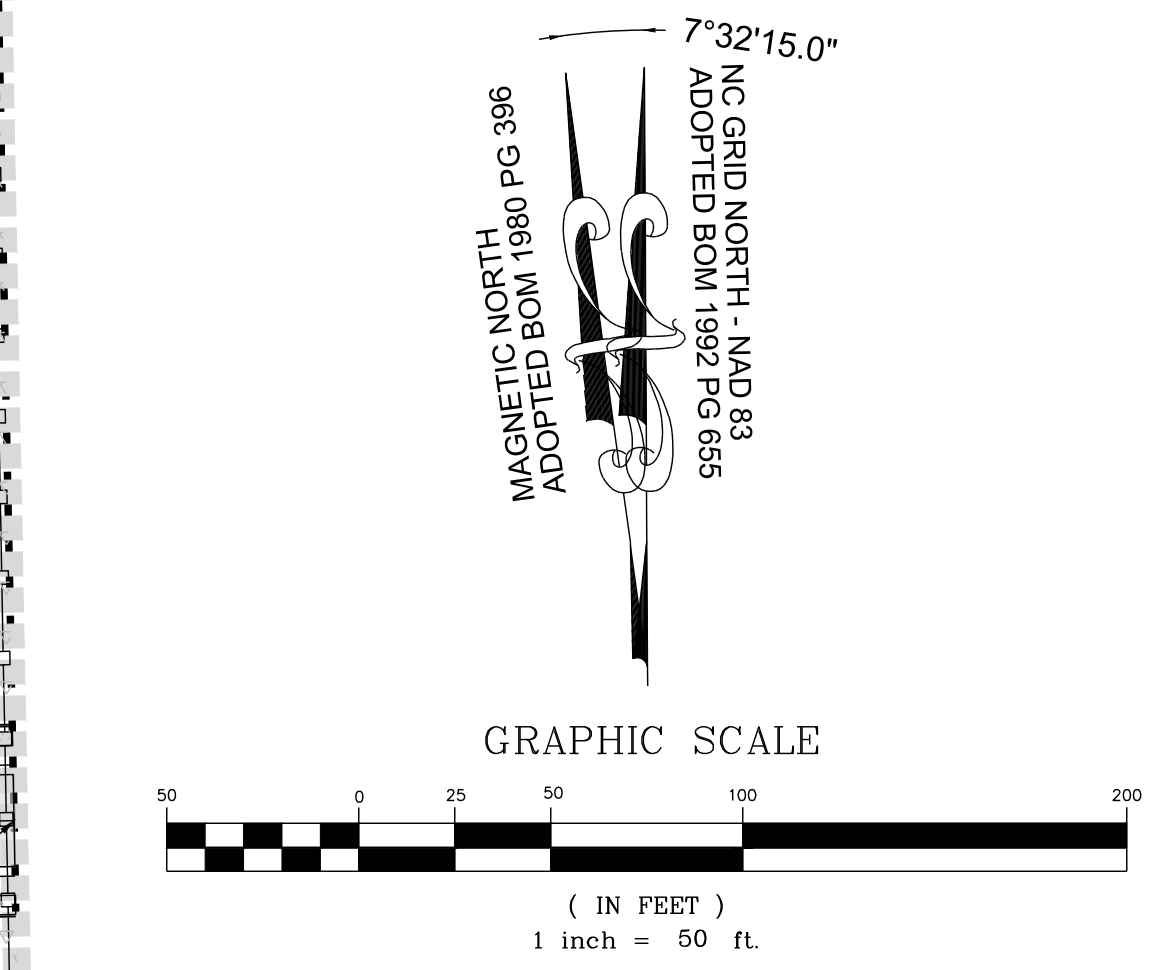
DRAWING SHEET
C-5.5

22 OF 82



LEGEND:
 SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.

TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



NO.	REVISIONS	DATE	BY
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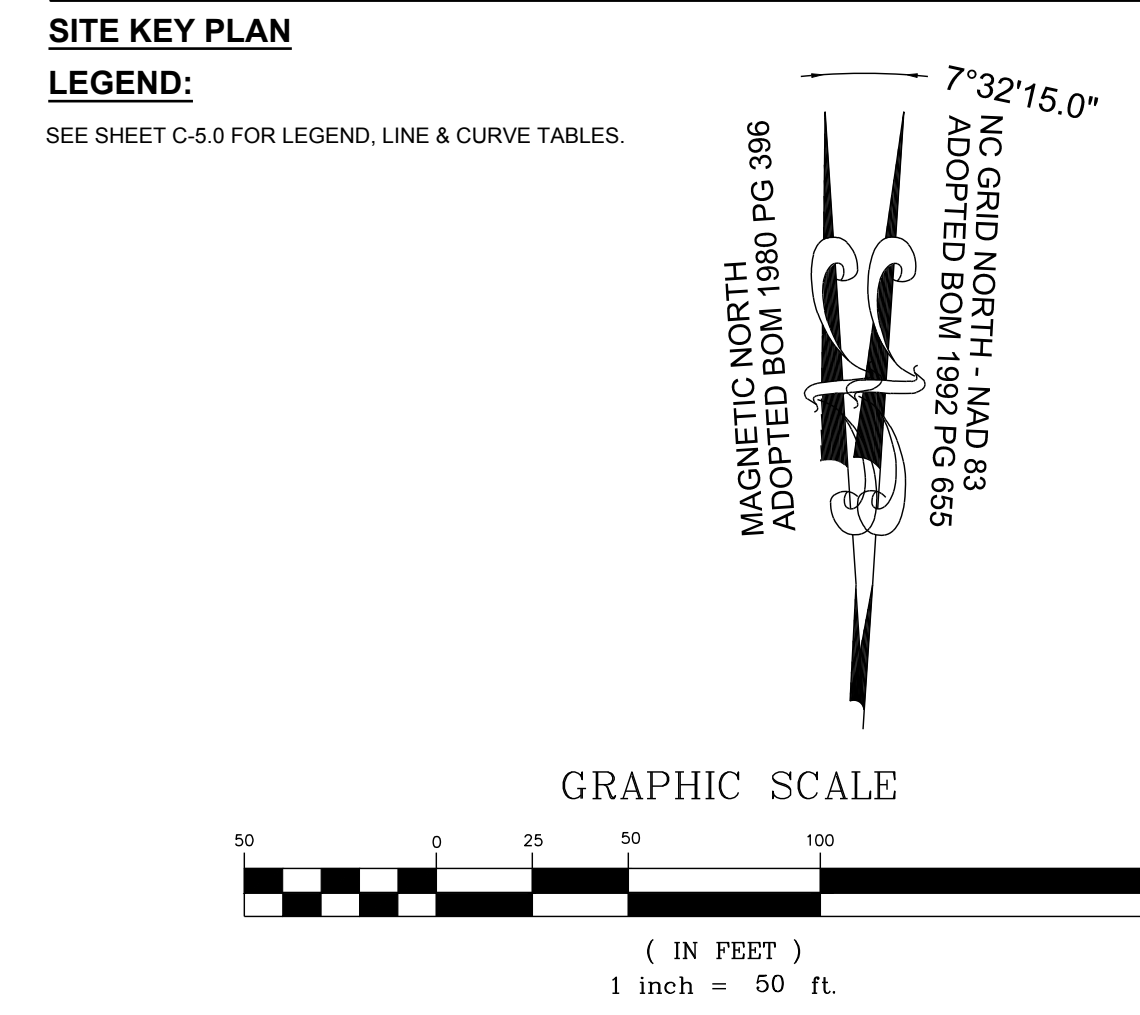
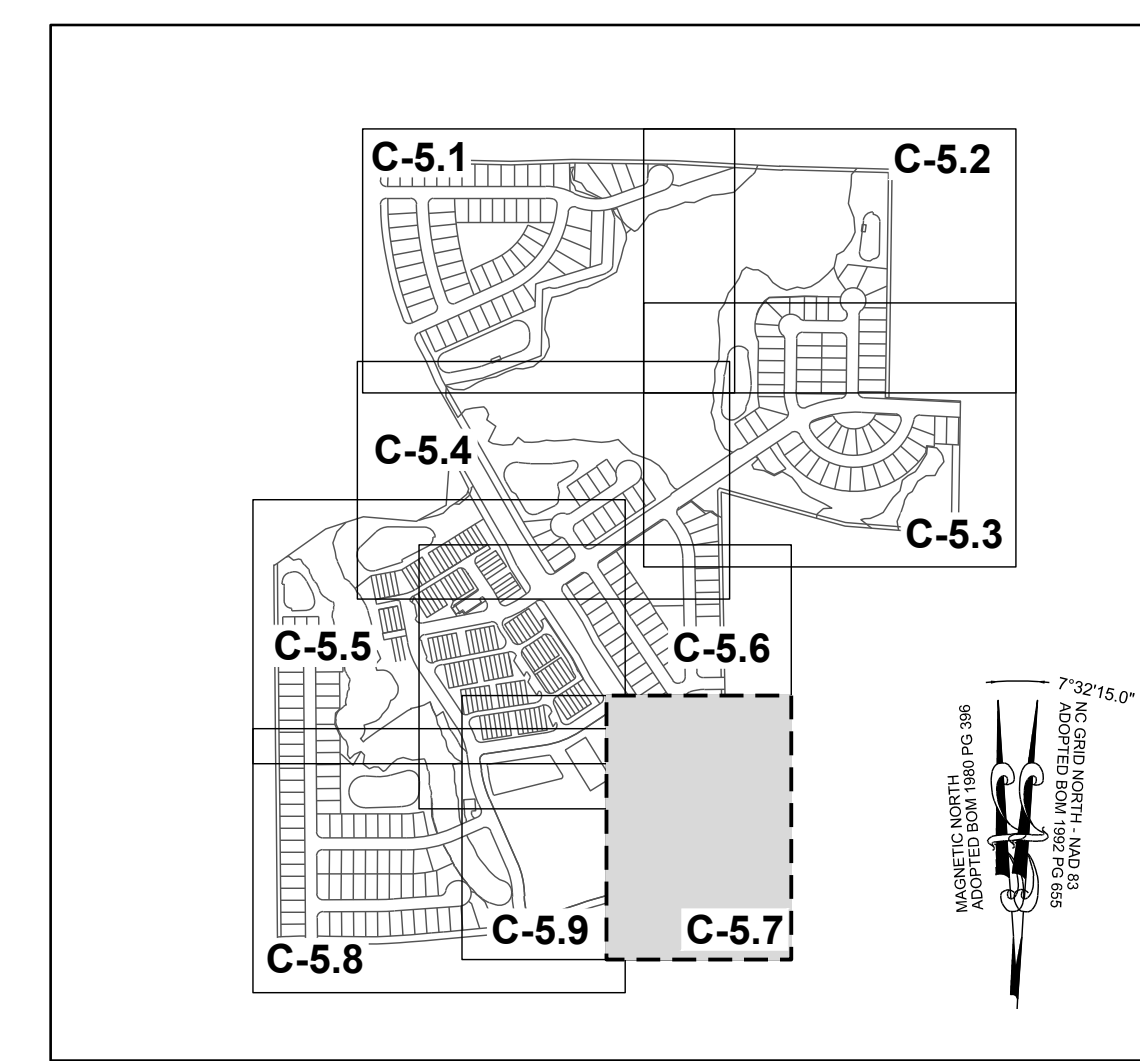
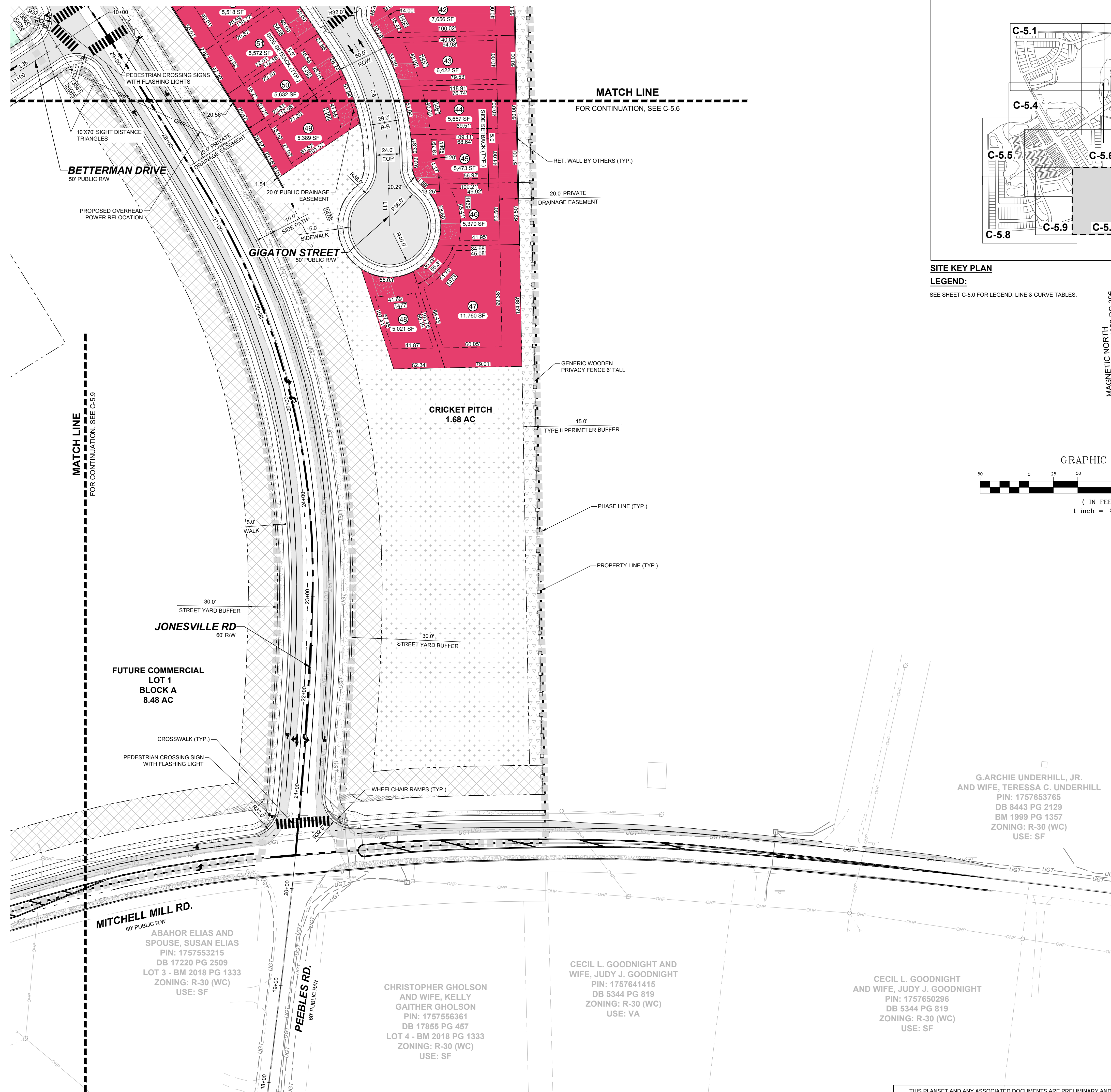
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

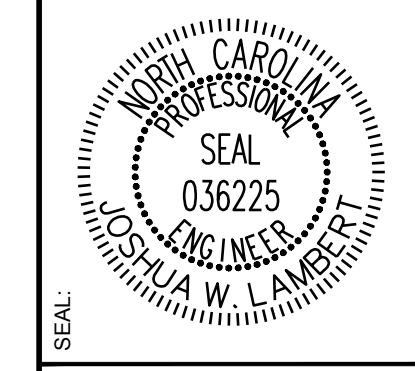
STRONG ROCK PROJECT P-21-03
 NOT FOR CONSTRUCTION AS SHOWN
 DESIGNED BY JWL
 DRAWN BY SRG
 CHECKED BY JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL SITE PLAN V

DRAWING SHEET
C-5.6



NO.	REVISIONS	DATE	BY
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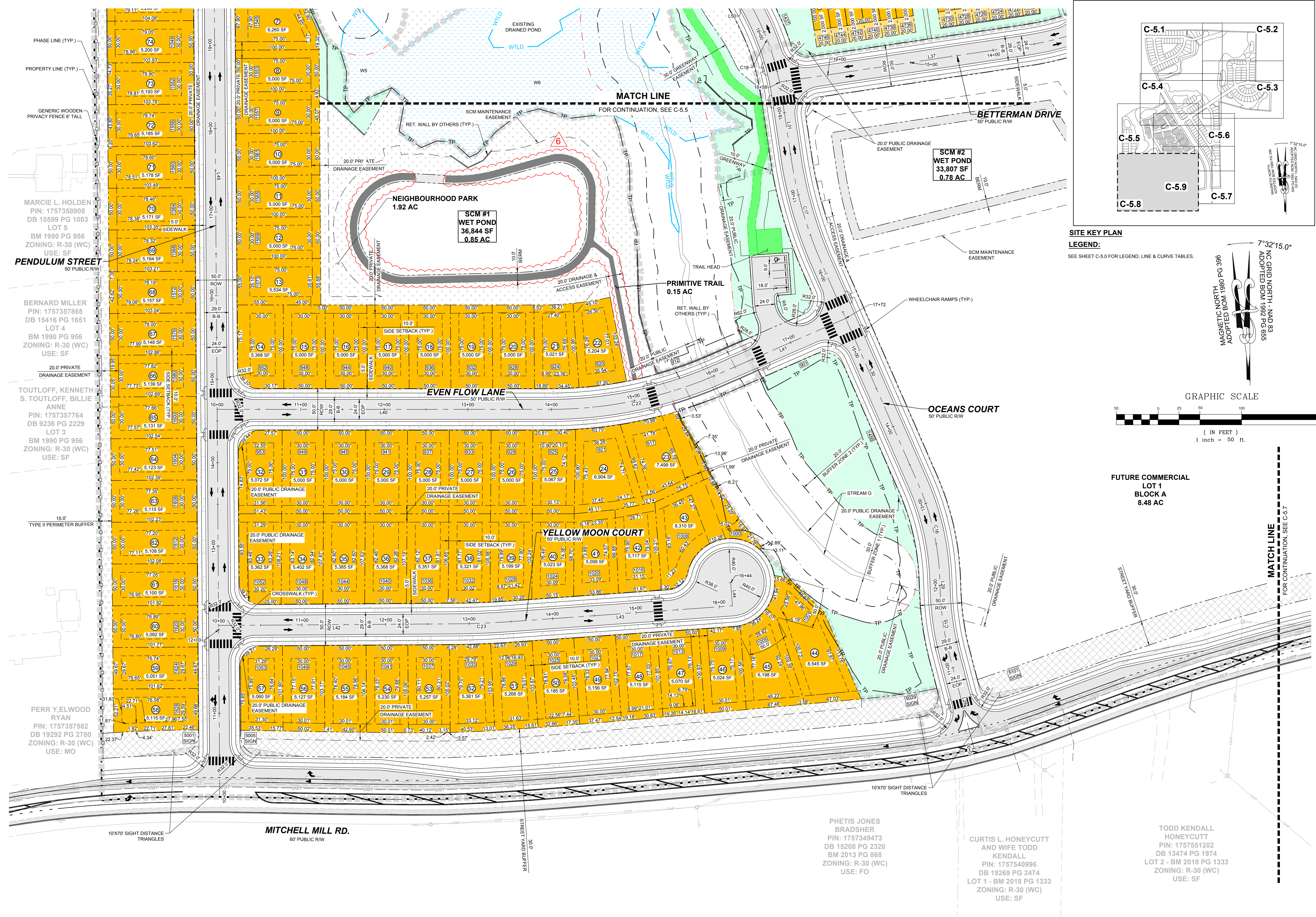
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

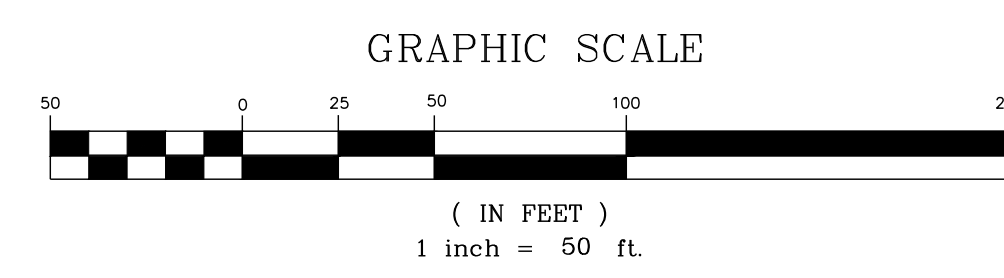
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL SITE PLAN VII

DRAWING SHEET
C-5.7

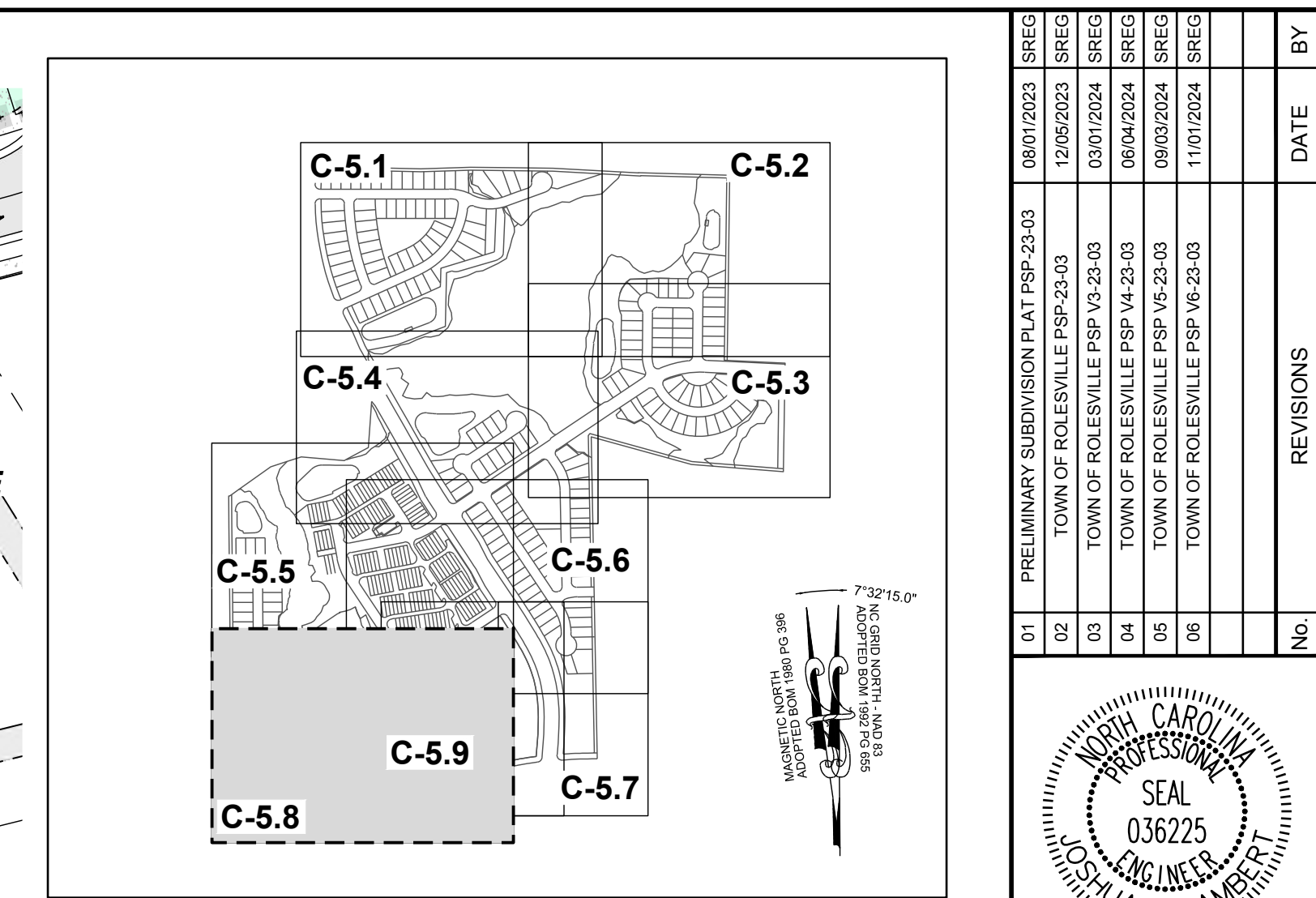
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SITE KEY PLAN
LEGEND:
 SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.



FUTURE COMMERCIAL
LOT 1
BLOCK A
8.48 AC



NO.	REVISIONS	DATE	BY
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SEAL: **MITCHELL W. LAMBERT**

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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03	AS SHOWN	JWL	SRG	JWL	

PHASE LINE (TYP.)
 PROPERTY LINE (TYP.)
 GENERIC WOODEN PRIVACY FENCE 6' TALL

MARCI L. HOLDEN
 PIN: 1757358908
 DB 15599 PG 1003
 LOT 5
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF
PENDULUM STREET
 50' PUBLIC RW

BERNARD MILLER
 PIN: 1757357865
 DB 15416 PG 1651
 LOT 4
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF
 20' PRIVATE DRAINAGE EASEMENT

TOU TLOFF, KENNETH S. TOU TLOFF, BILLIE ANNE
 PIN: 1757357764
 DB 9236 PG 2229
 LOT 3
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF

15.0' TYPE II PERIMETER BUFFER

PERR Y. ELWOOD RYAN
 PIN: 1757357582
 DB 19292 PG 2780
 ZONING: R-30 (WC)
 USE: MO

PHETIS JONES BRADSHER
 PIN: 1757349473
 DB 15208 PG 2320
 BM 2013 PG 868
 ZONING: R-30 (WC)
 USE: FO

CURTIS L. HONEYCUTT AND WIFE TODD KENDALL
 PIN: 1757540996
 DB 19269 PG 2474
 LOT 1 - BM 2018 PG 1333
 ZONING: R-30 (WC)
 USE: SF

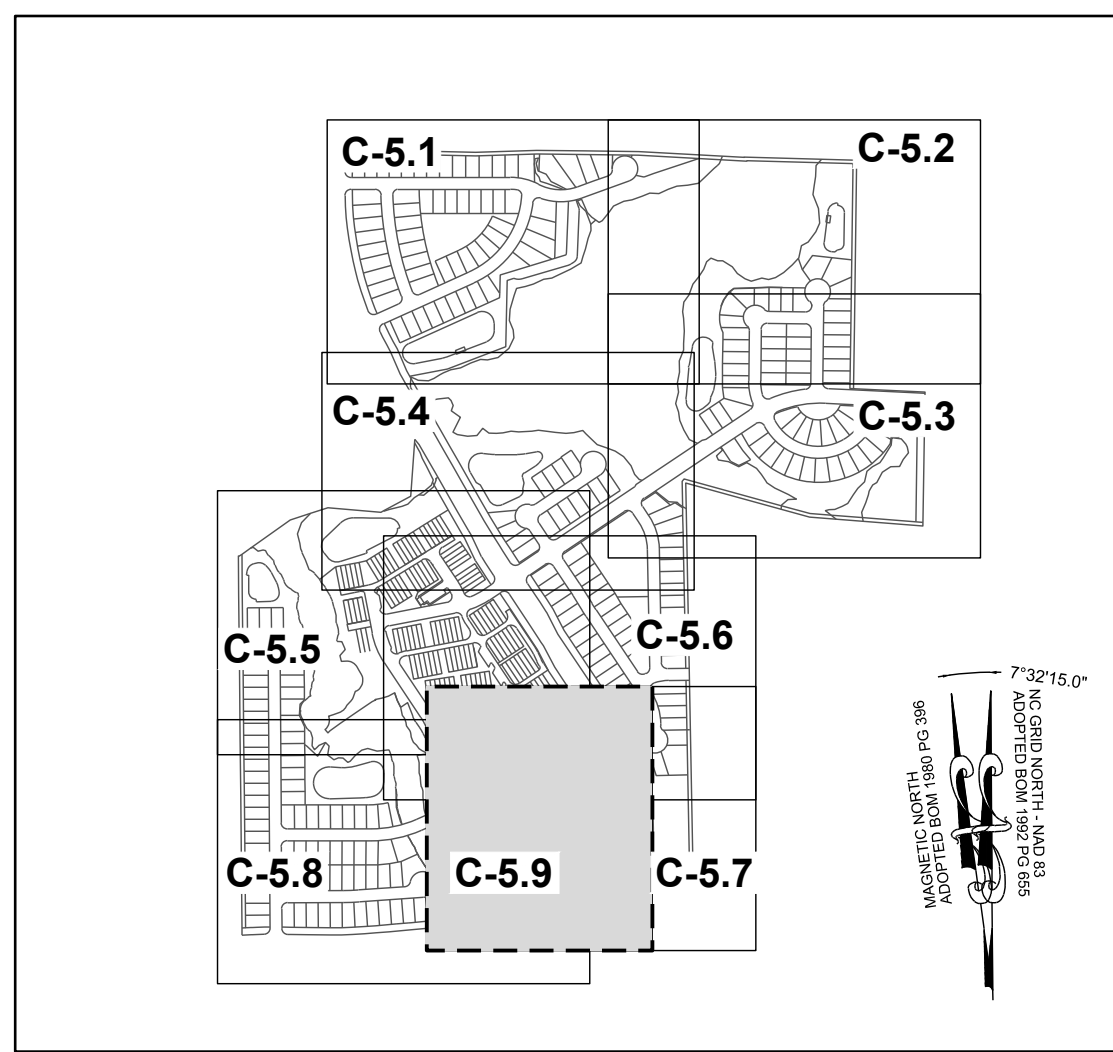
TODD KENDALL HONEYCUTT
 PIN: 1757551202
 DB 13474 PG 1974
 LOT 2 - BM 2018 PG 1333
 ZONING: R-30 (WC)
 USE: SF

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL SITE PLAN VIII

DRAWING SHEET
C-5.8

25 OF 82

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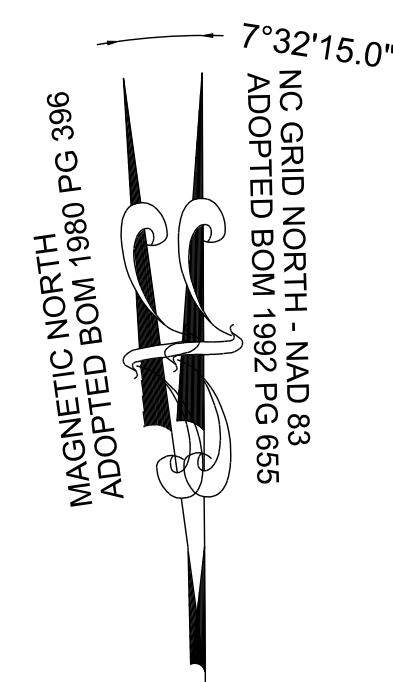
SITE KEY PLAN

LEGEND:

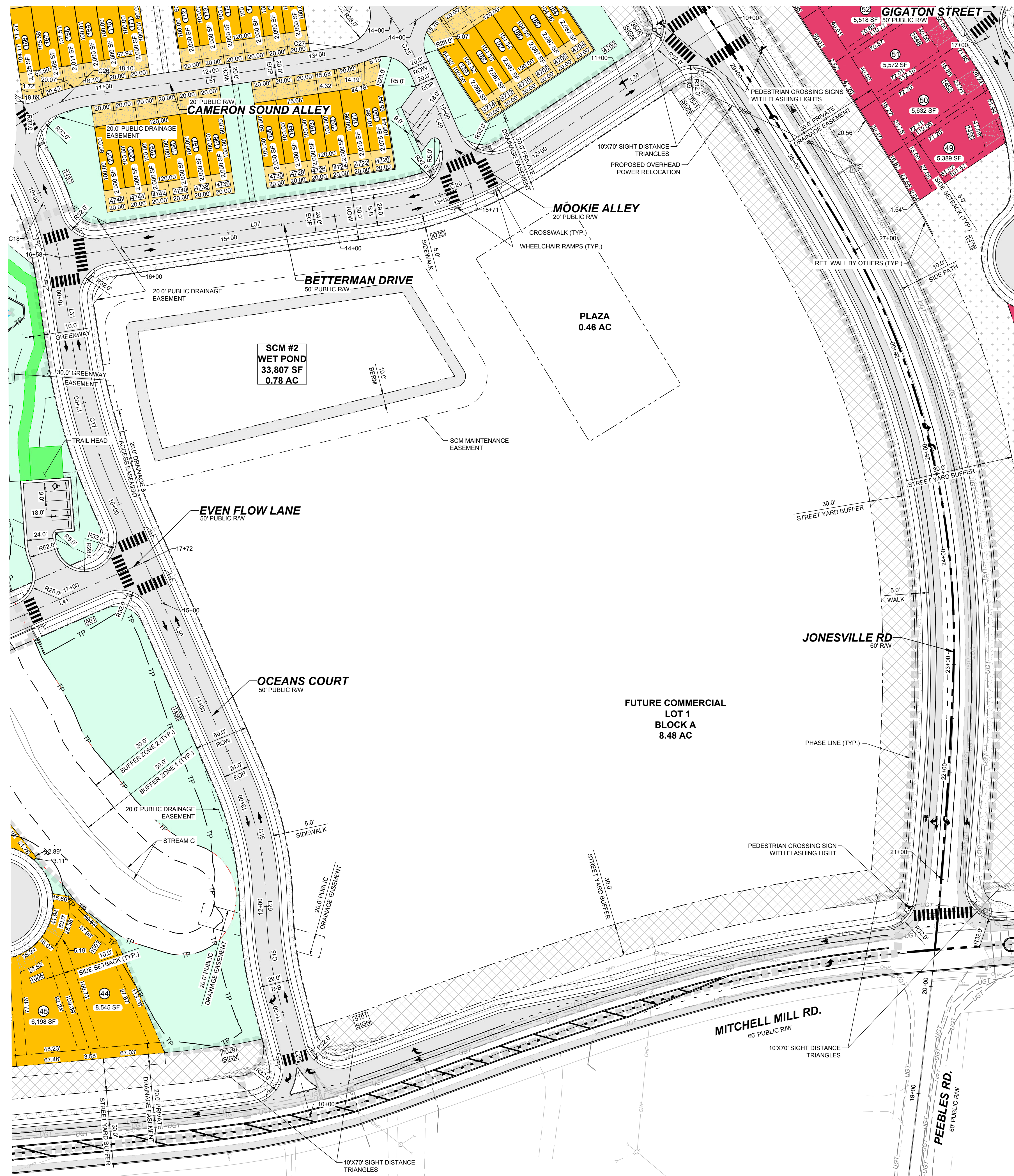
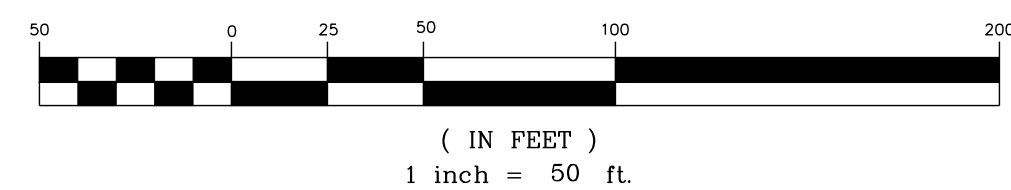
SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLES.

TOWNHOME NOTES:

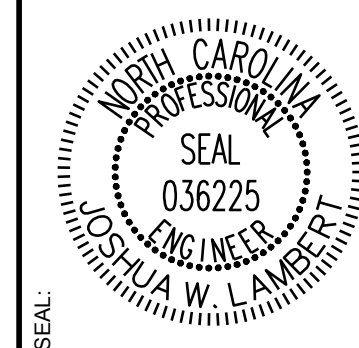
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



GRAPHIC SCALE



No.	REVISIONS	DATE	BY
01			
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL SITE PLAN IX

DRAWING SHEET
C-5.9

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Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 1-42, DSF LOT SIZE TABLE - NC ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 43-84, DSF LOT SIZE TABLE - NC ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 1-42, DSF LOT SIZE TABLE - RM ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 43-84, DSF LOT SIZE TABLE - RM ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 85-126, DSF LOT SIZE TABLE - RM ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 127-168, DSF LOT SIZE TABLE - RM ZONE.

Table with 3 columns: LOT NUMBER, AREA (SF), DIMENSION (LF). Rows 169-199, DSF LOT SIZE TABLE - RM ZONE.

Vertical sidebar containing project information, a circular professional seal for Joshua W. Lambert, and the logo for STRONG ROCK ENGINEERING GROUP.

DRAWING SHEET C-5.10

27 OF 82

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NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1984 "A" SLAB	PLAN 2097 "A" SLAB
1	SINGLE FAMILY 50' WIDE					
2	SINGLE FAMILY 50' WIDE					
3	SINGLE FAMILY 50' WIDE					
4	SINGLE FAMILY 50' WIDE					
5	SINGLE FAMILY 50' WIDE					
6	SINGLE FAMILY 50' WIDE	X	X	X	X	X
7	SINGLE FAMILY 50' WIDE	X	X	X	X	X
8	SINGLE FAMILY 50' WIDE					
9	SINGLE FAMILY 50' WIDE					
10	SINGLE FAMILY 50' WIDE					
11	SINGLE FAMILY 50' WIDE					
12	SINGLE FAMILY 50' WIDE					
13	SINGLE FAMILY 50' WIDE					
14	SINGLE FAMILY 50' WIDE					
15	SINGLE FAMILY 50' WIDE					
16	SINGLE FAMILY 50' WIDE					
17	SINGLE FAMILY 50' WIDE					
18	SINGLE FAMILY 50' WIDE					
19	SINGLE FAMILY 50' WIDE					
20	SINGLE FAMILY 50' WIDE					
21	SINGLE FAMILY 50' WIDE					
22	SINGLE FAMILY 50' WIDE					
23	SINGLE FAMILY 50' WIDE	X	X	X	X	X
24	SINGLE FAMILY 50' WIDE	X	X	X	X	X
25	SINGLE FAMILY 50' WIDE					
26	SINGLE FAMILY 50' WIDE					
27	SINGLE FAMILY 50' WIDE					
28	SINGLE FAMILY 50' WIDE					
29	SINGLE FAMILY 50' WIDE					
30	SINGLE FAMILY 50' WIDE					
31	SINGLE FAMILY 50' WIDE					
32	SINGLE FAMILY 50' WIDE					
33	SINGLE FAMILY 50' WIDE					
34	SINGLE FAMILY 50' WIDE					
35	SINGLE FAMILY 50' WIDE					
36	SINGLE FAMILY 50' WIDE					
37	SINGLE FAMILY 50' WIDE					
38	SINGLE FAMILY 50' WIDE					
39	SINGLE FAMILY 50' WIDE					
40	SINGLE FAMILY 50' WIDE					
41	SINGLE FAMILY 50' WIDE					

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1984 "A" SLAB	PLAN 2097 "A" SLAB
42	SINGLE FAMILY 50' WIDE					
43	SINGLE FAMILY 50' WIDE	X	X	X	X	X
44	SINGLE FAMILY 50' WIDE	X	X	X	X	X
45	SINGLE FAMILY 50' WIDE					
46	SINGLE FAMILY 50' WIDE					
47	SINGLE FAMILY 50' WIDE					
48	SINGLE FAMILY 50' WIDE					
49	SINGLE FAMILY 50' WIDE					
50	SINGLE FAMILY 50' WIDE					
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78	SINGLE FAMILY 50' WIDE					
79	SINGLE FAMILY 50' WIDE					
80	SINGLE FAMILY 50' WIDE					
81	SINGLE FAMILY 50' WIDE					
82	SINGLE FAMILY 50' WIDE					
83	SINGLE FAMILY 51' WIDE					

NO.	REVISIONS	DATE	BY
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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 P-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	JWL
			DRAWN BY		CHECKED BY

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
SITE TABLES - NC ZONE

DRAWING SHEET
C-5.11

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1984 "A" SLAB	PLAN 2097 "A" SLAB
1	SINGLE FAMILY 50' WIDE					
2	SINGLE FAMILY 50' WIDE	X	X	X	X	X
3	SINGLE FAMILY 50' WIDE	X				
4	SINGLE FAMILY 50' WIDE	X	X	X	X	X
5	SINGLE FAMILY 50' WIDE	X	X	X	X	X
6	SINGLE FAMILY 50' WIDE	X	X	X	X	X
7	SINGLE FAMILY 50' WIDE	X	X	X	X	X
8	SINGLE FAMILY 50' WIDE					
9	SINGLE FAMILY 50' WIDE	X	X	X	X	X
10	SINGLE FAMILY 50' WIDE	X	X	X	X	X
11	SINGLE FAMILY 50' WIDE	X	X	X	X	X
12	SINGLE FAMILY 50' WIDE	X	X	X	X	X
13	SINGLE FAMILY 50' WIDE	X	X	X	X	X
14	SINGLE FAMILY 50' WIDE	X	X	X	X	X
15	SINGLE FAMILY 50' WIDE	X	X	X	X	X
16	SINGLE FAMILY 50' WIDE	X	X	X	X	X
17	SINGLE FAMILY 50' WIDE	X	X	X	X	X
18	SINGLE FAMILY 50' WIDE	X	X	X	X	X
19	SINGLE FAMILY 50' WIDE	X	X	X	X	X
20	SINGLE FAMILY 50' WIDE	X	X	X	X	X
21	SINGLE FAMILY 50' WIDE	X	X	X	X	X
22	SINGLE FAMILY 50' WIDE	X	X	X	X	X
23	SINGLE FAMILY 50' WIDE	X	X	X	X	X
24	SINGLE FAMILY 50' WIDE	X	X	X	X	X
25	SINGLE FAMILY 50' WIDE	X	X	X	X	X
26	SINGLE FAMILY 50' WIDE					
27	SINGLE FAMILY 50' WIDE	X	X	X	X	X
28	SINGLE FAMILY 50' WIDE	X			X	
29	SINGLE FAMILY 50' WIDE	X	X	X	X	X
30	SINGLE FAMILY 50' WIDE	X	X	X	X	X
31	SINGLE FAMILY 50' WIDE	X	X	X	X	X
32	SINGLE FAMILY 50' WIDE	X	X	X	X	X
33	SINGLE FAMILY 50' WIDE	X	X	X	X	X
34	SINGLE FAMILY 50' WIDE	X	X	X	X	X
35	SINGLE FAMILY 50' WIDE	X	X	X	X	X
36	SINGLE FAMILY 50' WIDE	X	X	X	X	X
37	SINGLE FAMILY 50' WIDE	X	X	X	X	X
38	SINGLE FAMILY 50' WIDE	X	X	X	X	X
39	SINGLE FAMILY 50' WIDE	X	X	X	X	X
40	SINGLE FAMILY 50' WIDE	X	X	X	X	X
41	SINGLE FAMILY 50' WIDE	X	X	X	X	X
42	SINGLE FAMILY 50' WIDE	X	X	X	X	X
43	SINGLE FAMILY 50' WIDE	X	X	X	X	X
44	SINGLE FAMILY 50' WIDE	X	X	X	X	X
45	SINGLE FAMILY 50' WIDE	X	X	X	X	X
46	SINGLE FAMILY 50' WIDE					
47	SINGLE FAMILY 50' WIDE	X	X	X	X	X
48	SINGLE FAMILY 50' WIDE	X	X	X	X	X
49	SINGLE FAMILY 50' WIDE	X	X	X	X	X
50	SINGLE FAMILY 50' WIDE	X	X	X	X	X
51	SINGLE FAMILY 50' WIDE	X	X	X	X	X
52	SINGLE FAMILY 50' WIDE	X	X	X	X	X
53	SINGLE FAMILY 50' WIDE	X	X	X	X	X
54	SINGLE FAMILY 50' WIDE	X	X	X	X	X
55	SINGLE FAMILY 50' WIDE	X	X	X	X	X
56	SINGLE FAMILY 50' WIDE	X	X	X	X	X
57	SINGLE FAMILY 50' WIDE	X	X	X	X	X
58	SINGLE FAMILY 50' WIDE	X	X	X	X	X
59	SINGLE FAMILY 50' WIDE	X	X	X	X	X
60	SINGLE FAMILY 50' WIDE	X	X	X	X	X
61	SINGLE FAMILY 50' WIDE	X	X	X	X	X
62	SINGLE FAMILY 50' WIDE	X	X	X	X	X
63	SINGLE FAMILY 50' WIDE	X	X	X	X	X
64	SINGLE FAMILY 50' WIDE	X	X	X	X	X
65	SINGLE FAMILY 50' WIDE	X	X	X	X	X

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1984 "A" SLAB	PLAN 2097 "A" SLAB
66	SINGLE FAMILY 50' WIDE	X	X	X	X	X
67	SINGLE FAMILY 50' WIDE	X	X	X	X	X
68	SINGLE FAMILY 50' WIDE	X	X	X	X	X
69	SINGLE FAMILY 50' WIDE	X	X	X	X	X
70	SINGLE FAMILY 50' WIDE	X	X	X	X	X
71	SINGLE FAMILY 50' WIDE	X	X	X	X	X
72	SINGLE FAMILY 50' WIDE	X	X	X	X	X
73	SINGLE FAMILY 50' WIDE					
74	SINGLE FAMILY 50' WIDE	X	X	X	X	X
75	SINGLE FAMILY 50' WIDE					
76	SINGLE FAMILY 50' WIDE					
77	SINGLE FAMILY 50' WIDE	X	X	X	X	X
78	SINGLE FAMILY 50' WIDE	X	X	X	X	X
79	SINGLE FAMILY 50' WIDE	X	X	X	X	X
80	SINGLE FAMILY 50' WIDE	X	X	X	X	X
81	SINGLE FAMILY 50' WIDE	X	X	X	X	X
82	SINGLE FAMILY 50' WIDE	X				
83	SINGLE FAMILY 50' WIDE	X	X	X	X	X
84	SINGLE FAMILY 50' WIDE	X	X	X	X	X
85	SINGLE FAMILY 50' WIDE	X	X	X	X	X
86	SINGLE FAMILY 50' WIDE	X	X	X	X	X
87	SINGLE FAMILY 50' WIDE	X	X	X	X	X
88	SINGLE FAMILY 50' WIDE	X	X	X	X	X
89	SINGLE FAMILY 50' WIDE	X	X	X	X	X
90	SINGLE FAMILY 50' WIDE	X	X	X	X	X
91	SINGLE FAMILY 50' WIDE	X	X	X	X	X
92	SINGLE FAMILY 50' WIDE	X	X	X	X	X
93	SINGLE FAMILY 50' WIDE	X	X	X	X	X
94	SINGLE FAMILY 50' WIDE	X	X	X	X	X
95	SINGLE FAMILY 50' WIDE	X	X	X	X	X
96	SINGLE FAMILY 50' WIDE	X	X	X	X	X
97	SINGLE FAMILY 50' WIDE	X	X	X	X	X
98	SINGLE FAMILY 50' WIDE	X	X	X	X	X
99	SINGLE FAMILY 50' WIDE	X	X	X	X	X
100	SINGLE FAMILY 50' WIDE					
101	SINGLE FAMILY 50' WIDE					
102	SINGLE FAMILY 50' WIDE					
103	SINGLE FAMILY 50' WIDE					
104	SINGLE FAMILY 50' WIDE					
105	SINGLE FAMILY 50' WIDE					
106	SINGLE FAMILY 50' WIDE					
107	SINGLE FAMILY 50' WIDE					
108	SINGLE FAMILY 50' WIDE	X	X	X	X	X
109	SINGLE FAMILY 50' WIDE	X	X	X	X	X
110	SINGLE FAMILY 50' WIDE	X				
111	SINGLE FAMILY 50' WIDE					
112	SINGLE FAMILY 50' WIDE	X	X	X	X	X
113	SINGLE FAMILY 50' WIDE	X	X	X	X	X
114	SINGLE FAMILY 50' WIDE	X	X	X	X	X
115	SINGLE FAMILY 50' WIDE	X	X	X	X	X
116	SINGLE FAMILY 50' WIDE	X	X	X	X	X
117	SINGLE FAMILY 50' WIDE	X	X	X	X	X
118	SINGLE FAMILY 50' WIDE	X	X	X	X	X
119	SINGLE FAMILY 50' WIDE	X	X	X	X	X
120	SINGLE FAMILY 50' WIDE	X	X	X	X	X
121	SINGLE FAMILY 50' WIDE	X	X	X	X	X
122	SINGLE FAMILY 50' WIDE	X	X	X	X	X
123	SINGLE FAMILY 50' WIDE	X	X	X	X	X
124	SINGLE FAMILY 50' WIDE					
125	SINGLE FAMILY 50' WIDE					
126	SINGLE FAMILY 50' WIDE	X	X	X	X	X
127	SINGLE FAMILY 50' WIDE	X	X	X	X	X
128	SINGLE FAMILY 50' WIDE	X	X	X	X	X
129	SINGLE FAMILY 50' WIDE	X	X	X	X	X
130	SINGLE FAMILY 50' WIDE	X	X	X	X	X

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1984 "A" SLAB	PLAN 2097 "A" SLAB
131	SINGLE FAMILY 50' WIDE	X	X	X	X	X
132	SINGLE FAMILY 50' WIDE	X	X	X	X	X
133	SINGLE FAMILY 50' WIDE	X	X	X	X	X
134	SINGLE FAMILY 50' WIDE	X	X	X	X	X
135	SINGLE FAMILY 50' WIDE	X	X	X	X	X
136	SINGLE FAMILY 50' WIDE	X	X	X	X	X
137	SINGLE FAMILY 50' WIDE	X	X	X	X	X
138	SINGLE FAMILY 50' WIDE	X	X	X	X	X
139	SINGLE FAMILY 50' WIDE	X	X	X	X	X
140	SINGLE FAMILY 50' WIDE	X	X	X	X	X
141	SINGLE FAMILY 50' WIDE	X	X	X	X	X
142	SINGLE FAMILY 50' WIDE	X	X	X	X	X
143	SINGLE FAMILY 50' WIDE	X	X	X	X	X
144	SINGLE FAMILY 50' WIDE	X	X	X	X	X
145	SINGLE FAMILY 50' WIDE	X	X	X	X	X
146	SINGLE FAMILY 50' WIDE	X	X	X	X	X
147	SINGLE FAMILY 50' WIDE	X	X	X	X	X
148	SINGLE FAMILY 50' WIDE	X	X	X	X	X
149	SINGLE FAMILY 50' WIDE	X	X	X	X	X
150	SINGLE FAMILY 50' WIDE	X	X	X	X	X
151	SINGLE FAMILY 50' WIDE	X	X	X	X	X
152	SINGLE FAMILY 50' WIDE	X	X	X	X	X
153	SINGLE FAMILY 50' WIDE	X	X	X	X	X
154	SINGLE FAMILY 50' WIDE	X	X	X	X	X
155	SINGLE FAMILY 50' WIDE	X	X	X	X	X
156	SINGLE FAMILY 50' WIDE	X	X	X	X	X
157	SINGLE FAMILY 50' WIDE	X	X	X	X	X
158	SINGLE FAMILY 50' WIDE	X	X	X	X	X
159	SINGLE FAMILY 50' WIDE	X	X	X	X	X
160	SINGLE FAMILY 50' WIDE	X	X	X	X	X
161	SINGLE FAMILY 50' WIDE	X	X	X	X	X
162	SINGLE FAMILY 50' WIDE	X	X	X	X	X
163	SINGLE FAMILY 50' WIDE	X	X	X	X	X
164	SINGLE FAMILY 50' WIDE	X	X	X	X	X
165	SINGLE FAMILY 50' WIDE	X	X	X	X	X
166	SINGLE FAMILY 50' WIDE	X	X	X	X	X
167	SINGLE FAMILY 50' WIDE	X	X	X	X	X
168	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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170	SINGLE FAMILY 50' WIDE	X	X	X	X	X
171	SINGLE FAMILY 50' WIDE	X	X	X	X	X
172	SINGLE FAMILY 50' WIDE	X	X	X	X	X
173	SINGLE FAMILY 50' WIDE	X	X	X	X	X
174	SINGLE FAMILY 50' WIDE	X	X	X	X	X
175	SINGLE FAMILY 50' WIDE	X	X	X	X	X
176	SINGLE FAMILY 50' WIDE	X	X	X	X	X
177	SINGLE FAMILY 50' WIDE	X	X	X	X	X
178	SINGLE FAMILY 50' WIDE	X	X	X	X	X
179	SINGLE FAMILY 50' WIDE	X	X	X	X	X
180	SINGLE FAMILY 50' WIDE	X	X	X	X	X
181	SINGLE FAMILY 50' WIDE	X	X	X	X	X
182	SINGLE FAMILY 50' WIDE	X	X	X	X	X
183	SINGLE FAMILY 50' WIDE	X	X	X	X	X
184	SINGLE FAMILY 50' WIDE	X	X	X	X	X
185	SINGLE FAMILY 50' WIDE	X	X	X	X	X
186	SINGLE FAMILY 50' WIDE	X	X	X	X	X

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/07/2023	SREG
02	TOWN OF ROLESVILLE PSP-23-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE PSP V3-23-03	03/07/2024	SREG
04	TOWN OF ROLESVILLE PSP V4-23-03	06/04/2024	SREG
05	TOWN OF ROLESVILLE PSP V5-23-03	09/03/2024	SREG
06	TOWN OF ROLESVILLE PSP V6-23-03	11/07/2024	SREG

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RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 SITE TABLES - RM ZONE

STRONG ROCK PROJECT PSP-23-03
 NOT FOR CONSTRUCTION
 SCALE AS SHOWN
 DESIGNED BY JWL
 DRAWN BY SRG
 CHECKED BY JWL

DRAWING SHEET
C-5.12
 29 OF 82

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NC-CZ LAND USE CHART					
	UDO SECTION	REQUIRED		PROPOSED	
		SF	AC	SF	AC
TOTAL AREA				2,355,725	54.08
< 75% RESIDENTIAL USE REQUIREMENT	6.2.1.D.2	1,649,008	37.86 % (<75%)	1,072,062	24.81 (45.5%)
15% COMMERCIAL USE REQUIREMENT	3.4.3.D.1	353,359	8.11% (15%)	369,542	8.48 (15.7%)
15% OPEN SPACE REQUIREMENT	6.2.1.D.1	353,359	8.11% (15%)	887,346	20.37 (37.7%)

NC-CZ OPEN SPACE BREAKDOWN					
		REQUIRED		ACTUAL	
		SF	AC	SF	AC
TOTAL PROPERTY AREA	PHASE 4			797,972	18.32
	PHASE 5			727,802	16.71
	PHASE 6			829,951	19.05
	TOTAL NC-CZ AREA			2,355,725	54.08

	SECTION 6.2.1.D.2	REQUIRED		PROPOSED	
		SF	AC	SF	AC
OPEN SPACE	PHASE 4	119,696	2.75	344,530	7.91
	PHASE 5	109,170	2.51	344,217	7.90
	PHASE 6	124,493	2.86	198,599	4.56
	TOTAL	353,359	8.11 (15%)	887,346	20.37 (37.7%)

NO.	REVISIONS	DATE	BY
01			
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SEAL:

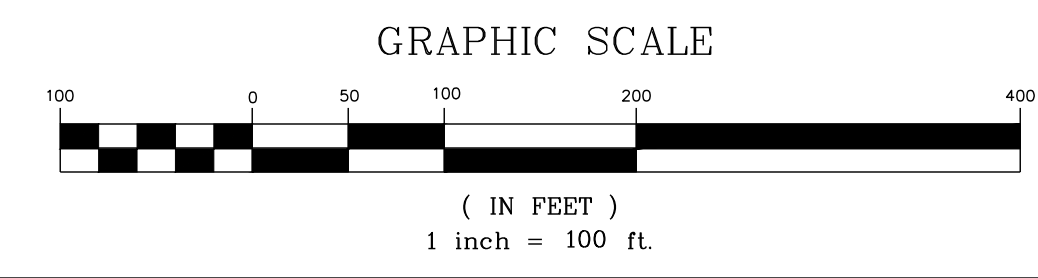
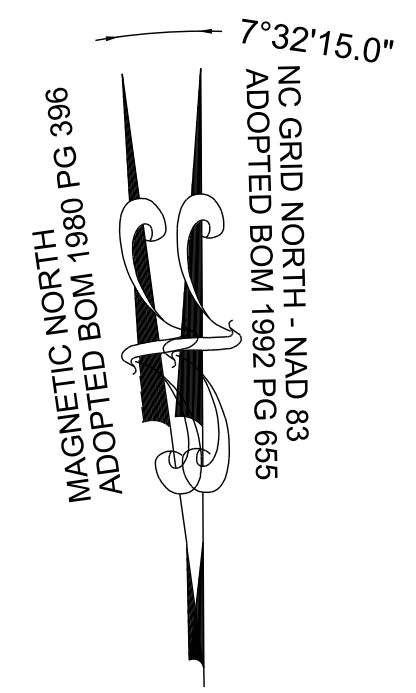
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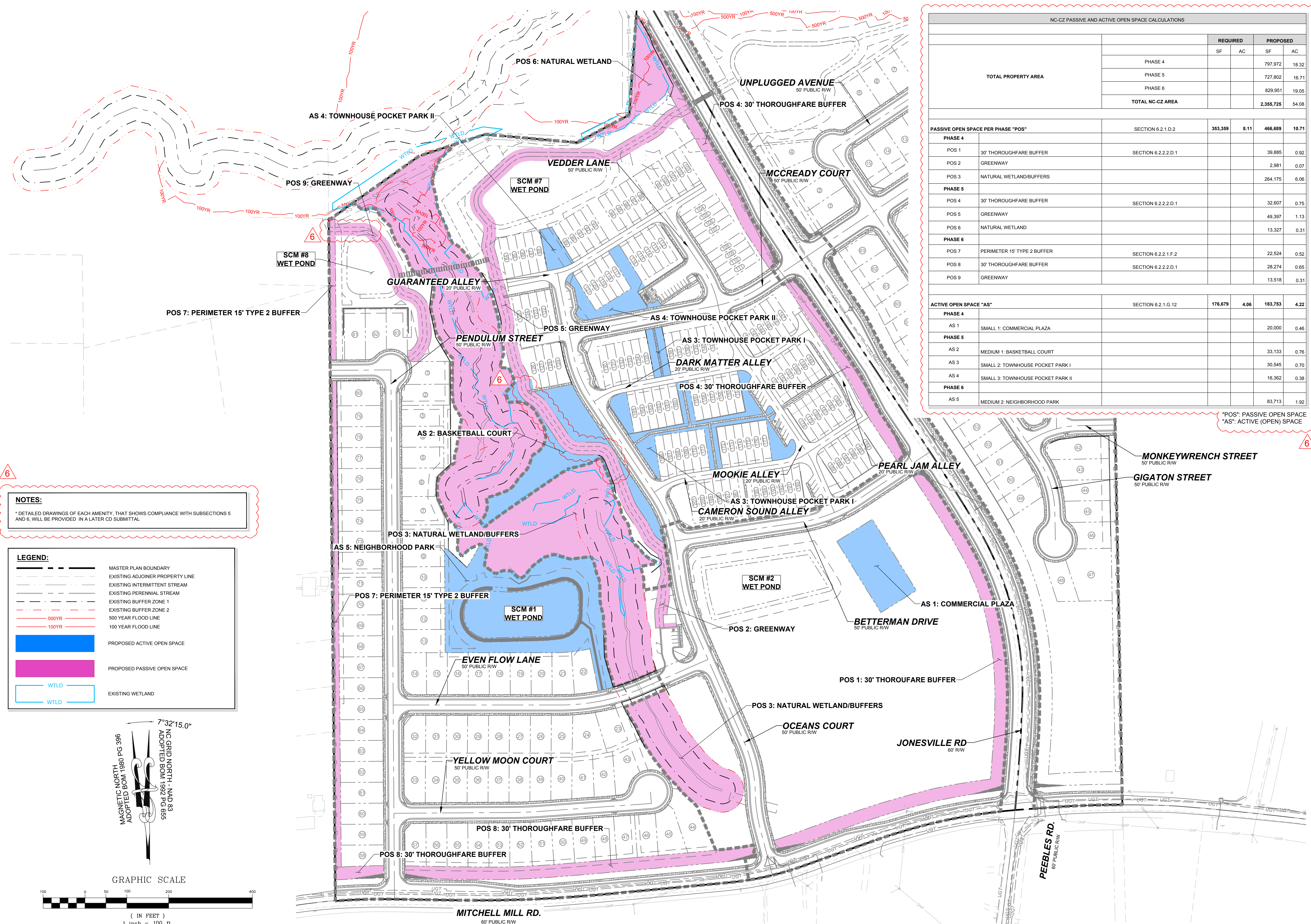
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PSP-23-03	PSP-23-03	PSP-23-03	PSP-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN	SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL	DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG	DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL	CHECKED BY JWL	CHECKED BY JWL

LEGEND:

	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500YR FLOOD LINE
	100YR FLOOD LINE
	OPEN SPACE
	COMMERCIAL ZONE
	WTLD
	EXISTING WETLAND

- NOTES:**
- DETAILED DRAWINGS OF EACH AMENITY, THAT SHOWS COMPLIANCE WITH 6.2.1.G.5 AND 6.2.1.G.6, WILL BE PROVIDED IN A SUBSEQUENT SITE PLAN SUBMITTAL
 - DETAILED DRAWINGS OF THE COMMERCIAL AREA WILL BE PROVIDED IN A SUBSEQUENT SITE PLAN SUBMITTAL





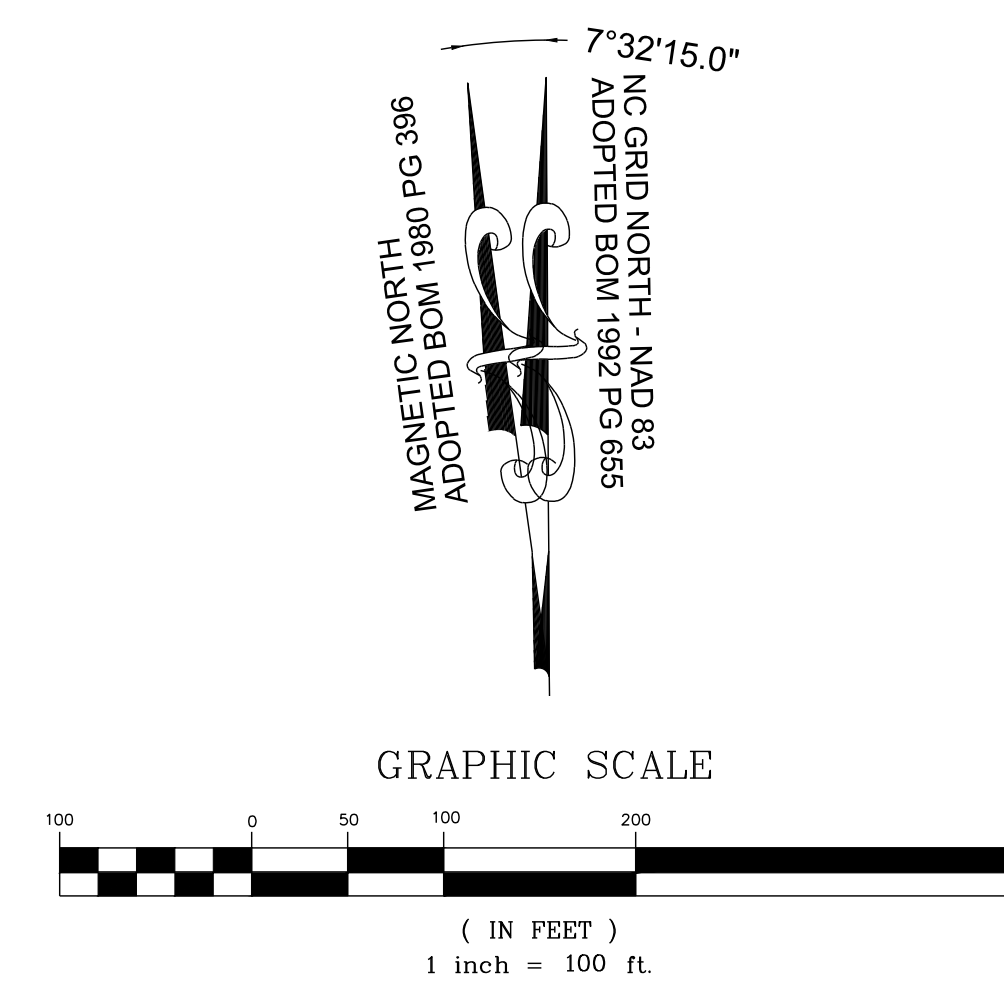
NC-CZ PASSIVE AND ACTIVE OPEN SPACE CALCULATIONS					
	REQUIRED		PROPOSED		
	SF	AC	SF	AC	
TOTAL PROPERTY AREA					
PHASE 4			797,972	18.32	
PHASE 5			727,802	16.71	
PHASE 6			829,951	19.05	
TOTAL NC-CZ AREA			2,355,725	54.08	
PASSIVE OPEN SPACE PER PHASE "POS"					
PHASE 4	SECTION 6.2.1.D.2	353,359	8.11	466,689	10.71
POS 1	30' THOROUGHFARE BUFFER			39,885	0.92
POS 2	GREENWAY			2,981	0.07
POS 3	NATURAL WETLAND/BUFFERS			264,175	6.06
PHASE 5	SECTION 6.2.2.D.1			32,607	0.75
POS 4	30' THOROUGHFARE BUFFER			49,397	1.13
POS 5	GREENWAY			13,327	0.31
PHASE 6	SECTION 6.2.2.1.F.2			22,524	0.52
POS 7	PERIMETER 15' TYPE 2 BUFFER			28,274	0.65
POS 8	30' THOROUGHFARE BUFFER			13,518	0.31
POS 9	GREENWAY				
ACTIVE OPEN SPACE "AS"					
PHASE 4	SECTION 6.2.1.G.12	176,679	4.06	183,753	4.22
AS 1	SMALL 1: COMMERCIAL PLAZA			20,000	0.46
PHASE 5				33,133	0.76
AS 2	MEDIUM 1: BASKETBALL COURT			30,545	0.70
AS 3	SMALL 2: TOWNHOUSE POCKET PARK I			16,362	0.38
AS 4	SMALL 3: TOWNHOUSE POCKET PARK II				
PHASE 6				83,713	1.92
AS 5	MEDIUM 2: NEIGHBORHOOD PARK				

POS: PASSIVE OPEN SPACE
 AS: ACTIVE (OPEN) SPACE

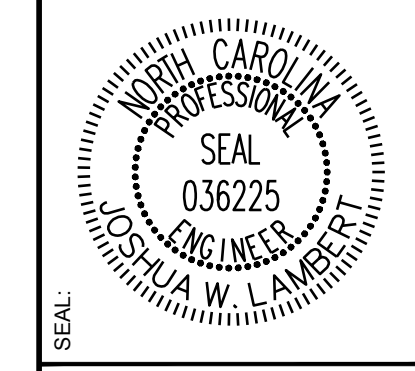
NOTES:
 * DETAILED DRAWINGS OF EACH AMENITY, THAT SHOWS COMPLIANCE WITH SUBSECTIONS 5 AND 6, WILL BE PROVIDED IN A LATER CD SUBMITTAL

LEGEND:

	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500 YEAR FLOOD LINE
	100 YEAR FLOOD LINE
	PROPOSED ACTIVE OPEN SPACE
	PROPOSED PASSIVE OPEN SPACE
	EXISTING WETLAND



NO.	REVISIONS	DATE	BY
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STRONG ROCK PROJECT	DESIGNED BY	JWL	SRG
PSP-24-03	DRAWN BY	JWL	SRG
NOT FOR CONSTRUCTION	CHECKED BY	JWL	SRG
SCALE	AS SHOWN		

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PASSIVE & ACTIVE OPEN SPACE
 NC-CZ ZONE

DRAWING SHEET
C-6.1

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LEGEND:

	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500YR 500 YEAR FLOOD LINE
	100YR 100 YEAR FLOOD LINE
	OPEN SPACE CLUSTER OPTION
	WTLD EXISTING WETLAND

RM-CZ LAND USE CHART

UDO SECTION	PROPOSED	
	SF	AC
TOTAL AREA	3,685,612	84.61
40% OPTION REQUIREMENT	1,474,245	33.84 (40.0%)
PROPOSED OPEN SPACE	2,107,864	48.39 (57.2%)

RM-CZ OPEN SPACE BREAKDOWN

TOTAL PROPERTY AREA	PHASE	ACTUAL	
		SF	AC
TOTAL RM-CZ AREA	PHASE 1	1,843,914	42.33
	PHASE 2	959,283	22.02
	PHASE 3	882,415	20.26
TOTAL RM-CZ AREA		3,685,612	84.61

OPEN SPACE	UDO SECTION 3.1.B.1	REQUIRED		PROPOSED	
		SF	AC	SF	AC
TOTAL	PHASE 1	737,566	16.93	1,360,054	31.22
	PHASE 2	383,713	8.81	442,983	10.17
	PHASE 3	352,966	8.10	304,827	7.00
	TOTAL	1,474,245	33.84 (40%)	2,107,864	48.39 (57.2%)

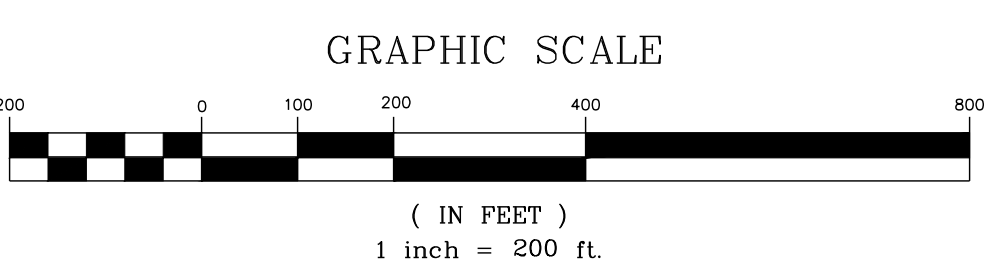
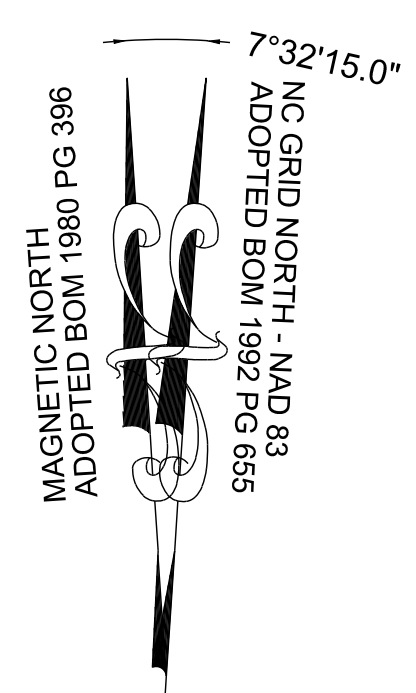
NOTES:

- DETAILED DRAWINGS OF EACH AMENITY, THAT SHOWS COMPLIANCE WITH SUBSECTIONS 5 AND 6, WILL BE PROVIDED IN A LATER CD SUBMITTAL
- ALL PROPOSED OPEN SPACE SHALL BE OWNED BY THE HOA
- IT IS INCLUDED AS A PORTION OF ALL THE THREE PHASES OF DEVELOPMENT YET AS OPEN SPACE IS NOT DEVELOPED DURING THE THAT SPECIFIC PHASE

6

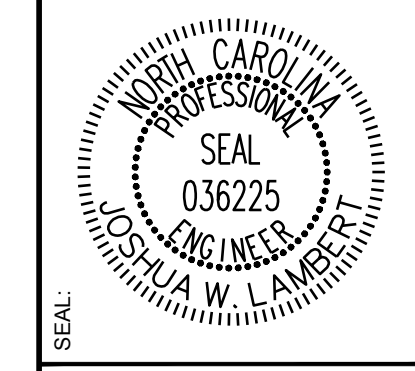


GRO PEG ROAD
60' PRIVATE RW
RECORDED BOOK OF MAPS 1980 PAGE 396



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No.	REVISIONS	DATE	BY
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STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-23-03	PSP-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL OPEN SPACE RM-CZ

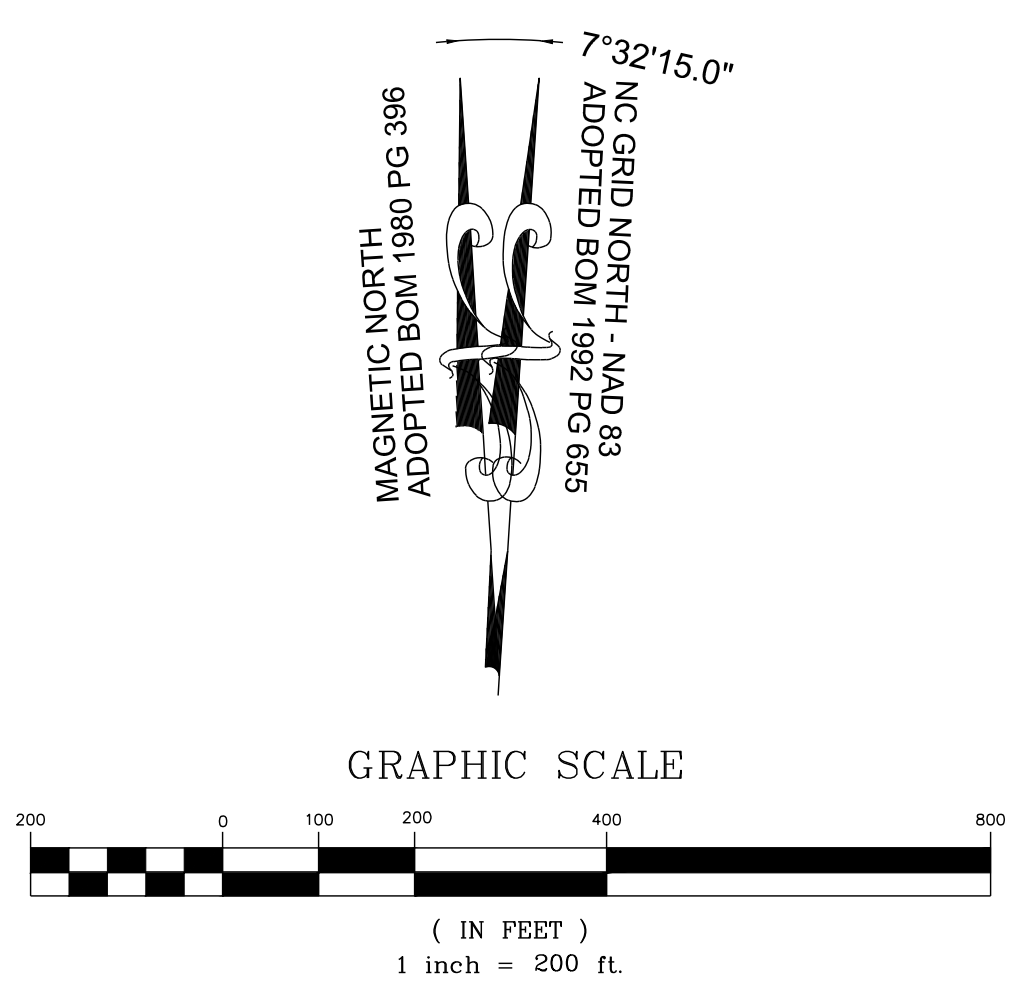
DRAWING SHEET
C-6.2

RM-CZ PASSIVE AND ACTIVE OPEN SPACE CALCULATIONS						
	PHASE	SECTION	REQUIRED		PROPOSED	
			SF	AC	PERCENT	SF
TOTAL PROPERTY AREA	PHASE 1				1,843,914	42.33
	PHASE 2				959,283	22.02
	PHASE 3				882,415	20.26
	TOTAL RM-CZ AREA				3,685,612	84.61
OPEN SPACE						
	PASSIVE	6.2.1.D.1	442,273	10.15	12%	
	ACTIVE	6.2.1.G.12	221,137	5.08	6%	
PASSIVE OPEN SPACE PER PHASE "POS"						
PHASE 1	POS 1 GREENWAY				26,891	0.62 (0.7%)
PHASE 2	POS 2 NATURAL AREAS				1,017,551	23.36 (27.6%)
PHASE 3	POS 3 GREENWAY				48,030	1.10 (1.3%)
	POS 4 LAWN AND NATURAL AREA				39,881	0.92 (1.1%)
	POS 5 LAWN AND NATURAL AREA				36,042	0.83 (1.0%)
	POS 6 POLLINATOR GARDEN				79,675	1.83 (2.2%)
	POS 7 PRIMITIVE TRAIL				67,570	1.55 (1.8%)
TOTAL PROPOSED PASSIVE OPEN SPACE SECTION 6.2.1.D.1			442,273	10.15	12%	
ACTIVE OPEN SPACE "AS"						
PHASE 1	AS 1 CRICKET PITCH				73,374	1.68 (2.0%)
PHASE 2	AS 2 AMENITY CENTER				65,780	1.51 (1.8%)
PHASE 3	AS 3 SMALL IPEMA PLAYGROUND				9,855	0.23 (0.3%)
	AS 4 PARKOUR COURSE				74,829	1.72 (2.0%)
	AS 5 SMALL IPEMA PLAYGROUND				8,742	0.20 (0.2%)
	AS 6 BALLFIELD				45,842	1.05 (1.2%)
TOTALS PHASES 1, 2 & 3 SECTION 6.2.1.G.12			221,173	5.08	6%	278,421 6.39 (7.6%)

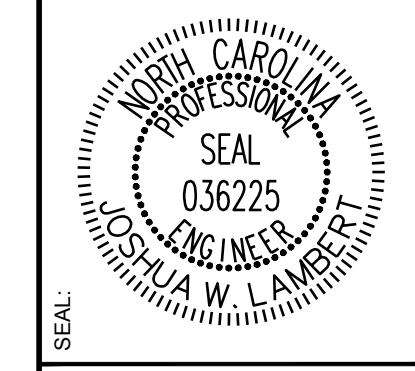
POS: PASSIVE OPEN SPACE
 AS: ACTIVE (OPEN) SPACE

LEGEND:	
	MASTER PLAN BOUNDARY
	EXISTING ADJOINER PROPERTY LINE
	EXISTING INTERMITTENT STREAM
	EXISTING PERENNIAL STREAM
	EXISTING BUFFER ZONE 1
	EXISTING BUFFER ZONE 2
	500 YEAR FLOOD LINE
	100 YEAR FLOOD LINE
	PASSIVE OPEN SPACE
	ACTIVE OPEN SPACE
	WTLD
	EXISTING WETLAND

NOTES:
 * DETAILED DRAWINGS OF EACH AMENITY, THAT SHOWS COMPLIANCE WITH SUBSECTIONS 5 AND 6, WILL BE PROVIDED IN A LATER CD SUBMITTAL.



NO.	REVISIONS	DATE	BY
01			
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STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03	AS SHOWN	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PASSIVE & ACTIVE OPEN SPACE
 RM-CZ ZONE

DRAWING SHEET
C-6.3

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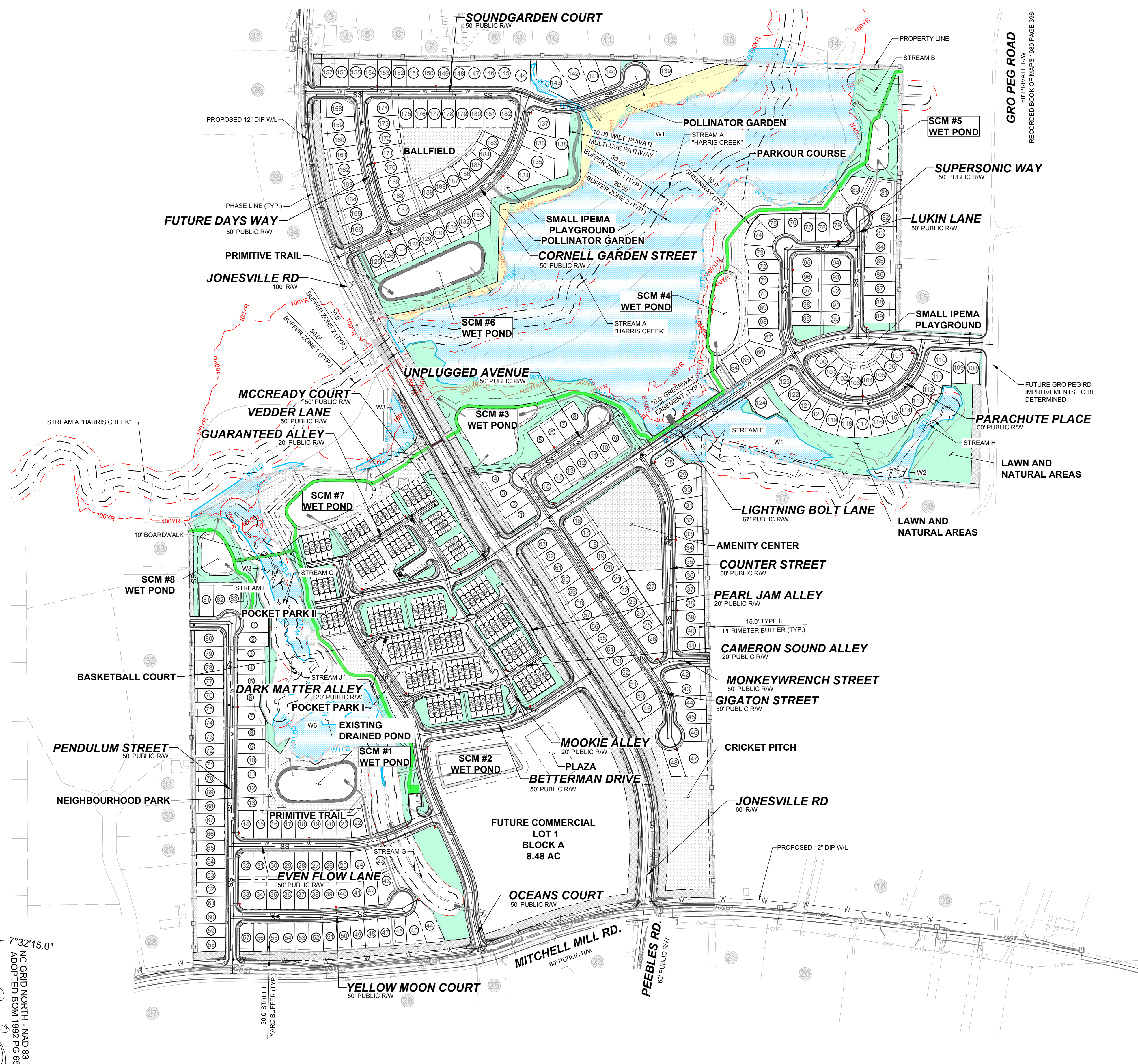
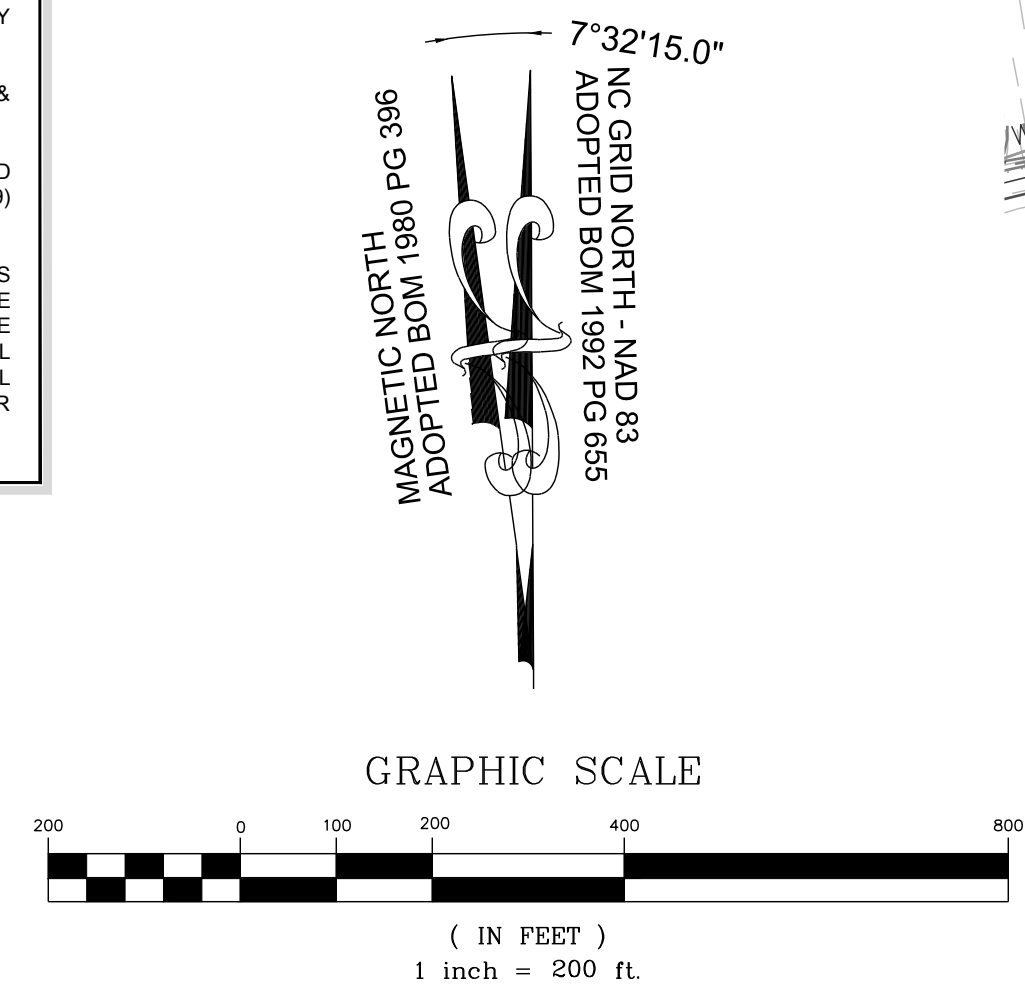
UTILITY NOTES

- 1. ALL UTILITY DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES (CORPUD) STANDARDS AND SPECIFICATIONS. UTILITY DESIGN SHALL ALSO MEET FIRE FLOW REQUIREMENTS OF NCFC.
2. UTILITY SIZES AND LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND ARE SUBJECT TO CHANGE BASED ON FINAL DESIGN AND CONSTRUCTION DRAWING APPROVAL. THIS SHALL INCLUDE BUT NOT LIMITED TO FIRE HYDRANT LOCATIONS.
3. ANY EXISTING WATER AND SEWER LINES TO BE USED AS PART OF THE FINAL DESIGN OF THE PROJECT, SHALL BE LOCATED BY SURVEY, TESTED BY A LICENSED CONTRACTOR AND APPROVED BY THE CITY OF RALEIGH INSPECTOR PRIOR TO SUBMITTAL OF CONSTRUCTION DRAWINGS.
4. AS PART OF CONSTRUCTION DRAWING SUBMITTAL, FIRE FLOW CALCULATIONS SHALL BE PROVIDED SHOWING COMPLIANCE WITH NCFC. PROJECT MAY BE DEVELOPED IN PHASES AND ALL PHASES SHALL BE REQUIRED TO MEET THE MINIMUM REQUIRED FIRE FLOWS PER OCCUPANCY PROPOSED IN EACH PHASE.
5. AN APPROVED WATER SUPPLY FOR FIRE SUPPRESSION (TEMPORARY OR PERMANENT) SHALL BE PROVIDED AS SOON AS COMBUSTIBLE MATERIALS ARRIVE ON SITE.
6. UTILITY CONSTRUCTION APPROVAL IS REQUIRED FOR THIS PROJECT, PLANS TO BE PREPARED BY NC PROFESSIONAL ENGINEER.
7. RIGHT OF WAY AND/OR EASEMENT DEDICATION PLAT IS REQUIRED FOR THIS PROJECT (PRIOR TO CITY ACCEPTANCE OF UTILITIES).
8. ALL NECESSARY WETLAND, RIPARIAN BUFFER AND FLOODPLAIN PERMITS FROM USACE, NCDWQ & FEMA SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
9. PROJECT SHALL EXTEND PUBLIC WATER MAINS ALONG ALL INTERIOR AND ABUTTING RIGHT OF WAYS OF DEVELOPMENT.
10. FIRE HYDRANT ASSEMBLIES SHALL BE INSTALLED AT EVERY INTERSECTION AND AT 500' (RESIDENTIAL) MAX INTERVALS ALONG SITE FRONTAGE.
11. ALL MAINS UP TO 12 INCHES IN SIZE SHALL BE DESIGNED WITH A BLOW-OFF ASSEMBLY THE SAME SIZE AS THE DIAMETER OF THE PIPE.
12. ALL WATER MAINS SHALL BE PRESSURE CLASS OR THICKNESS CLASS DUCTILE IRON PIPE DESIGNED IN ACCORDANCE WITH AWWA STANDARD C-150.
13. PROJECT SHALL EXTEND PUBLIC GRAVITY SEWER TO PERIPHERY OF DEVELOPMENT BASED ON NATURAL TOPOGRAPHY.
14. ALL CITY OF RALEIGH SANITARY SEWER EASEMENTS SHALL BE A MINIMUM OF 30 FEET.
15. THE SANITARY SEWER DESIGN SHALL BE EVALUATED DURING THE CONSTRUCTION DRAWING REVIEW TO ENSURE ADJACENT PROPERTIES HAVE ACCESS TO SANITARY SEWER WHERE FEASIBLE AND IN COMPLIANCE WITH THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT STANDARDS AND SPECIFICATIONS.
16. ALL OFF-SITE EASEMENTS SHALL BE ACQUIRED BY THE DEVELOPER. THESE OFF-SITE EASEMENTS SHALL BE RECORDED BY MAP AND BY DEED OF EASEMENT PRIOR TO CONSTRUCTION APPROVAL. THE EASEMENTS SHALL BE DEDICATED TO THE CITY OF RALEIGH AND ENTITLED "CITY OF RALEIGH SANITARY SEWER EASEMENT".
17. MAINTAIN APPROPRIATE COVER AND SEPARATION ON UTILITIES AND LABEL IN PROFILES; ANY UTILITY CROSSINGS ARE SUBJECT TO MINIMUM REQUIREMENTS.
18. CONSTRUCTION APPROVAL WILL BE REQUIRED FOR ANY EXTENSIONS OF PUBLIC WATER OR SEWER MAINS.
19. PLAT RECORDATION REQUIRED AFTER CONSTRUCTION APPROVAL PRIOR TO BUILDING PERMIT.
20. DOT ENCROACHMENT AGREEMENT REQUIRED.
21. PRIVATE WATER SERVICES SIZED 3/4" - 2" SHOULD BE TYPE "K" SOFT COPPER AND IN ACCORDANCE WITH PU HANDBOOK, APP. B. STANDARD WATER DETAIL W-23 AND W-25. IF WATER METERS CANNOT BE LOCATED WITHIN THE RIGHT-OF-WAY THEY MUST BE WITHIN RECORDED "CITY OF RALEIGH WATERLINE EASEMENTS".

CORPUD STANDARD UTILITY NOTES:

- STANDARD UTILITY NOTES (AS APPLICABLE):
1. ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION).
2. UTILITY SEPARATION REQUIREMENTS:
a) A DISTANCE OF 100" SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPOUNDED RESERVOIR USED AS A SOURCE OF DRINKING WATER. IF ADEQUATE LATERAL SEPARATION CANNOT BE ACHIEVED, FERROUS SANITARY SEWER PIPE SHALL BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS. HOWEVER, THE MINIMUM SEPARATION SHALL NOT BE LESS THAN 25" FROM A PRIVATE WELL OR 50" FROM A PUBLIC WELL.
b) WHEN INSTALLING WATER &/OR SEWER MAINS, THE HORIZONTAL SEPARATION BETWEEN UTILITIES SHALL BE 10". IF THIS SEPARATION CANNOT BE MAINTAINED DUE TO EXISTING CONDITIONS, THE VARIATION ALLOWED IS THE WATER MAIN IN A SEPARATE TRENCH WITH THE ELEVATION OF THE WATER MAIN AT LEAST 18" ABOVE THE TOP OF THE SEWER & MUST BE APPROVED BY THE PUBLIC UTILITIES DIRECTOR. ALL DISTANCES ARE MEASURED FROM OUTSIDE DIAMETER TO OUTSIDE DIAMETER.
c) WHERE IT IS IMPOSSIBLE TO OBTAIN PROPER SEPARATION, OR ANYTIME A SANITARY SEWER PASSES OVER A WATERMAIN, PVC MATERIALS OR STEEL ENCASUREMENT EXTENDED 10" ON EACH SIDE OF CROSSING MUST BE SPECIFIED & INSTALLED TO WATERLINE SPECIFICATIONS.
d) 5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS PVC MATERIAL IS SPECIFIED FOR SANITARY SEWER.
e) MAINTAIN 18" MIN. VERTICAL SEPARATION AT ALL WATERMAIN & RCP STORM DRAIN CROSSINGS. MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. WHERE ADEQUATE SEPARATIONS CANNOT BE ACHIEVED, SPECIFY PVC MATERIALS & A CONCRETE CRADLE HAVING 6" MIN. CLEARANCE (PER CORPUD DETAILS W-41 & S-49).
f) ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
3. ANY NECESSARY FIELD REVISIONS ARE SUBJECT TO REVIEW & APPROVAL OF AN AMENDED PLAN &/OR PROFILE BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL MAINTAIN CONTINUOUS WATER & SEWER SERVICE TO EXISTING RESIDENCES & BUSINESSES THROUGHOUT CONSTRUCTION OF PROJECT. ANY NECESSARY SERVICE INTERRUPTIONS SHALL BE PRECEDED BY A 24 HOUR ADVANCE NOTICE TO THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT.
5. 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCEMAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.
6. IT IS THE DEVELOPER'S RESPONSIBILITY TO ABANDON OR REMOVE EXISTING WATER & SEWER SERVICES NOT BEING USED IN REDEVELOPMENT OF A SITE UNLESS OTHERWISE DIRECTED BY THE CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT. THIS INCLUDES ABANDONING TAP AT MAIN & REMOVAL OF SERVICE FROM ROW OR EASEMENT PER CORPUD HANDBOOK PROCEDURE.
7. INSTALL 3/4" COPPER WATER SERVICES WITH METERS LOCATED AT ROW OR WITHIN A 2'x2' WATERLINE EASEMENT IMMEDIATELY ADJACENT. NOTE: IT IS THE APPLICANT'S RESPONSIBILITY TO PROPERLY SIZE THE WATER SERVICE FOR EACH CONNECTION TO PROVIDE ADEQUATE FLOW & PRESSURE.
8. INSTALL 4" PVC SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM.
9. PRESSURE REDUCING VALVES ARE REQUIRED ON ALL WATER SERVICES EXCEEDING 80 PSI. BACKWATER VALVES ARE REQUIRED ON ALL SANITARY SEWER SERVICES HAVING BUILDING DRAINS LOWER THAN 1.0' ABOVE THE NEXT UPSTREAM MANHOLE.
10. ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NCDWQ, USACE &/OR FEMA FOR ANY RIPARIAN BUFFER, WETLAND &/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
11. NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
12. GREASE INTERCEPTOR / OIL WATER SEPARATOR SIZING CALCULATIONS & INSTALLATION SPECIFICATIONS SHALL BE APPROVED BY THE CORPUD FOG PROGRAM COORDINATOR PRIOR TO ISSUANCE OF A BUILDING PERMIT. CONTACT TIM BEASLEY AT (919) 996-2334 OR TIMOTHY.BEASLEY@RALEIGHNC.GOV FOR MORE INFORMATION.
13. CROSS-CONNECTION CONTROL PROTECTION DEVICES ARE REQUIRED BASED ON DEGREE OF HEALTH HAZARD INVOLVED AS LISTED IN APPENDIX-B OF THE RULES GOVERNING PUBLIC WATER SYSTEMS IN NORTH CAROLINA. THESE GUIDELINES ARE THE MINIMUM REQUIREMENTS. THE DEVICES SHALL MEET AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) STANDARDS OR BE ON THE UNIVERSITY OF SOUTHERN CALIFORNIA APPROVAL LIST. THE DEVICES SHALL BE INSTALLED AND TESTED (BOTH INITIAL AND PERIODIC TESTING THEREAFTER) IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS OR THE LOCAL CROSS-CONNECTION CONTROL PROGRAM, WHICHEVER IS MORE STRINGENT. CONTACT JOANIE HARTLEY AT (919) 996-5923 OR JOANIE.HARTLEY@RALEIGHNC.GOV FOR MORE INFORMATION.

LEGEND:
W WATER LINE
SS SANITARY SEWER LINE
Water Meter / Service
Sanitary Cleanout / Service
Fire Hydrant Assembly
Gate Valve
TEE
CROSS
BLOW OFF VALVE
Sanitary Manhole

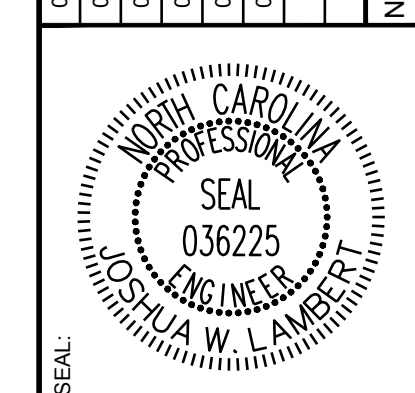


NOTES: SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS

TOWNHOME NOTES: STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

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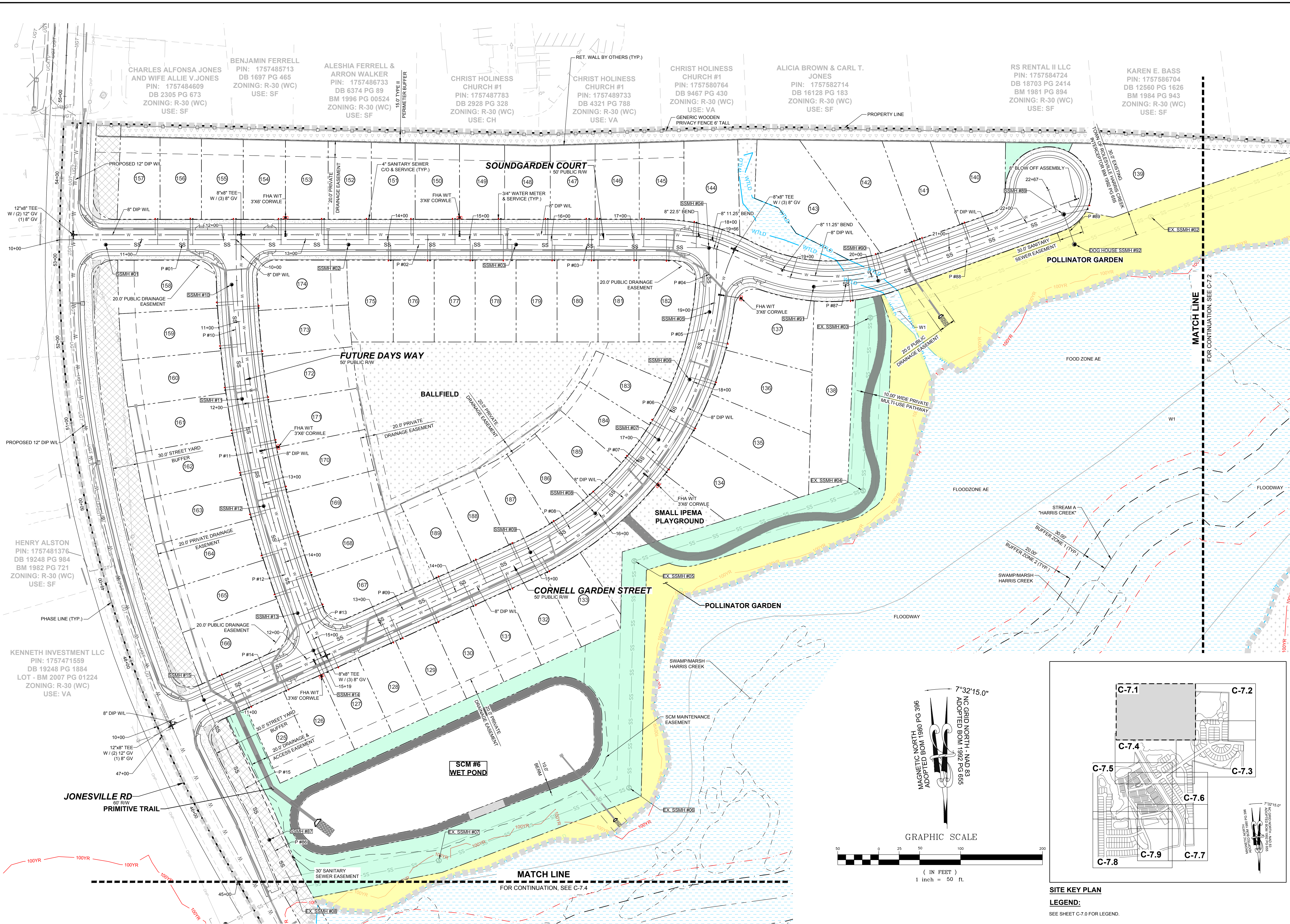
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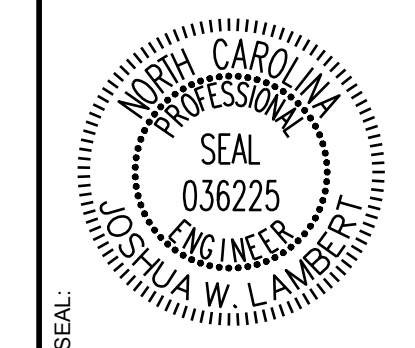
STRONGROCK ENGINEERING GROUP logo and contact information: 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

RESERVE @ MITCHELL MILL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA PRELIMINARY SUBDIVISION PLAT OVERALL UTILITY PLAN

DRAWING SHEET C-7.0



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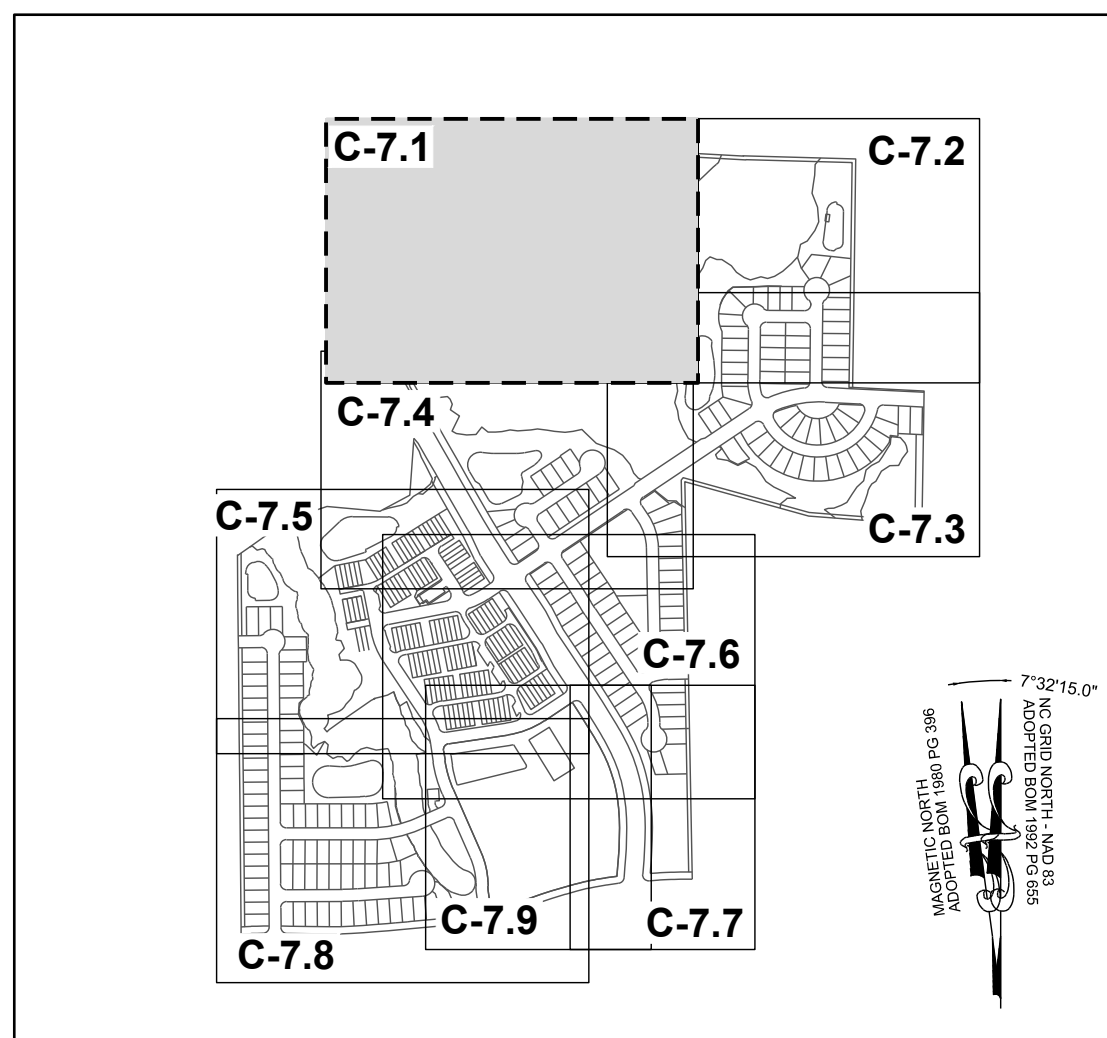
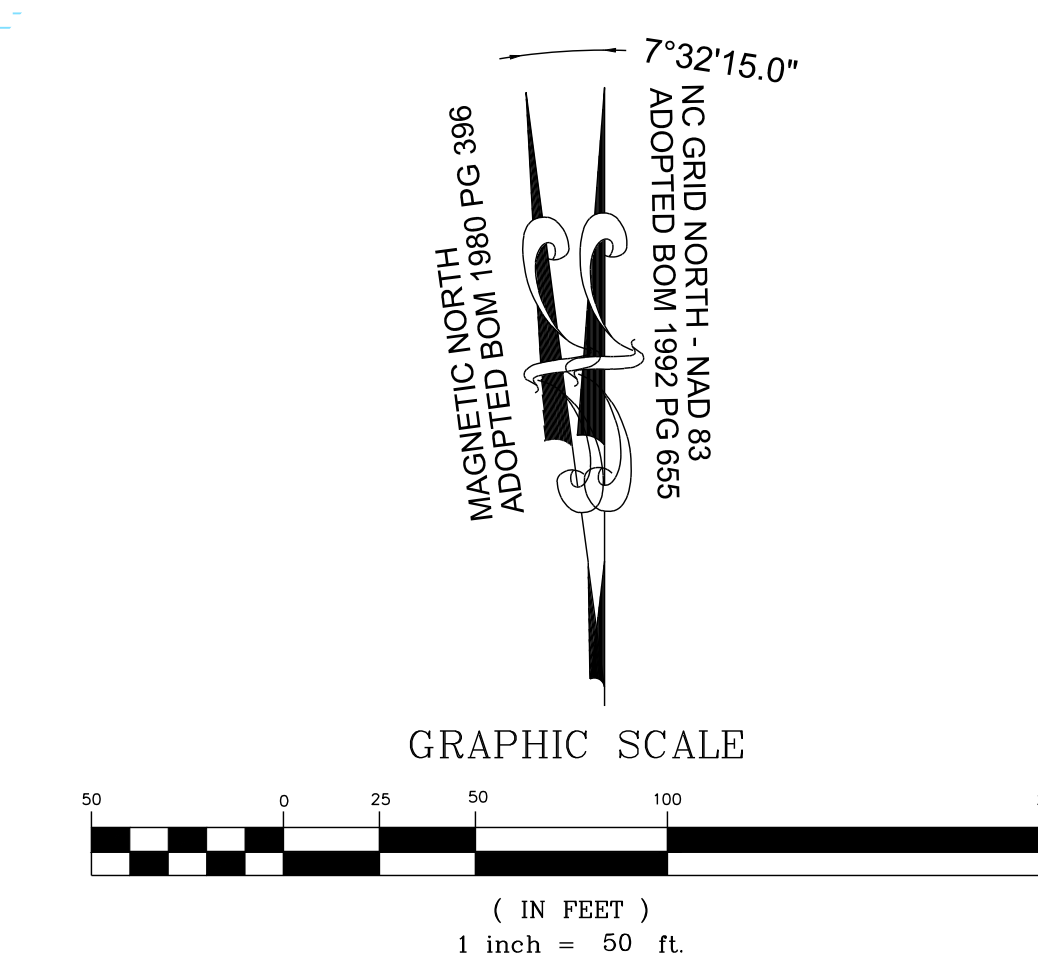
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ENGINEERING GROUP

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

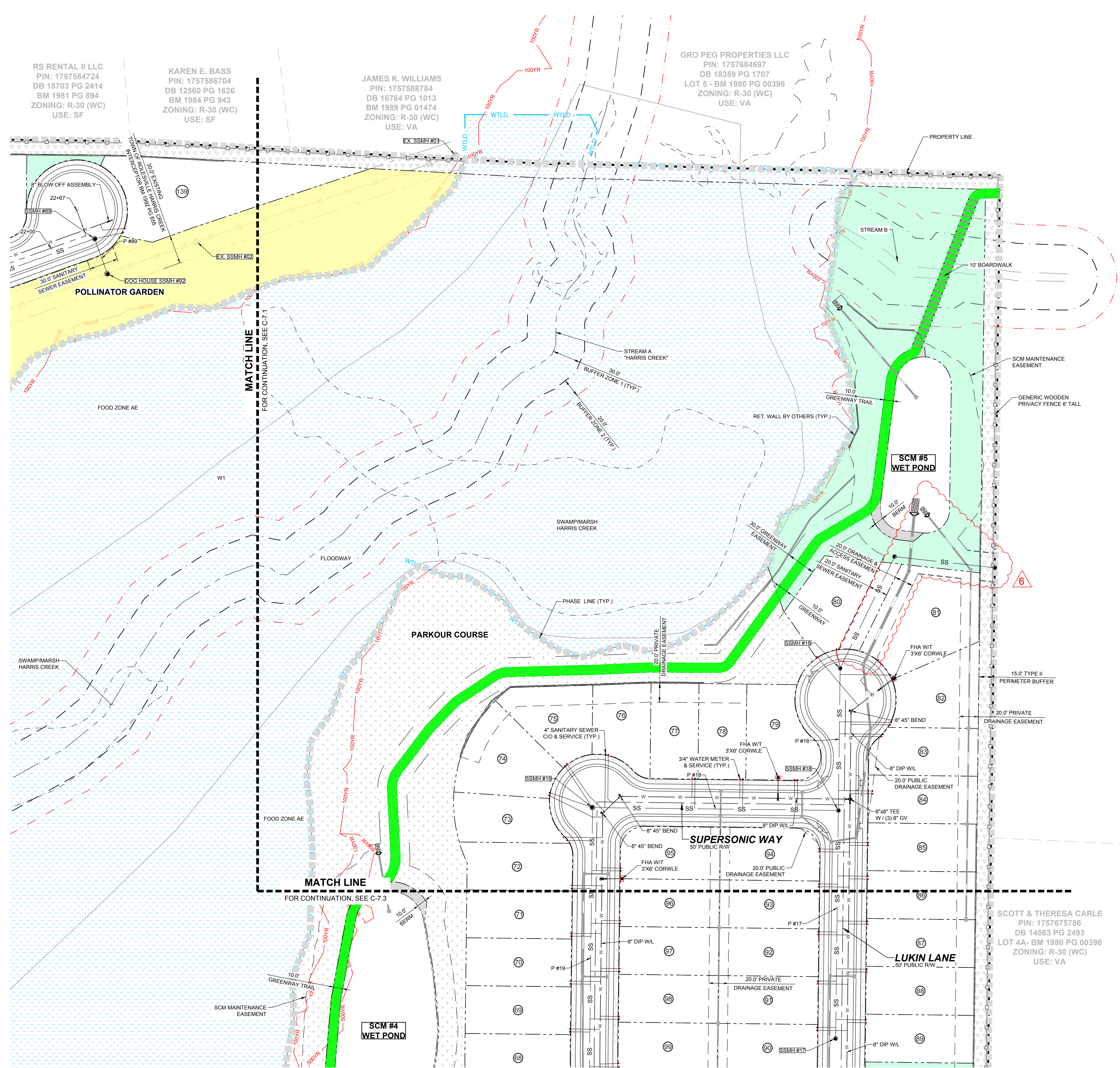
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NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN I

DRAWING SHEET	C-7.1
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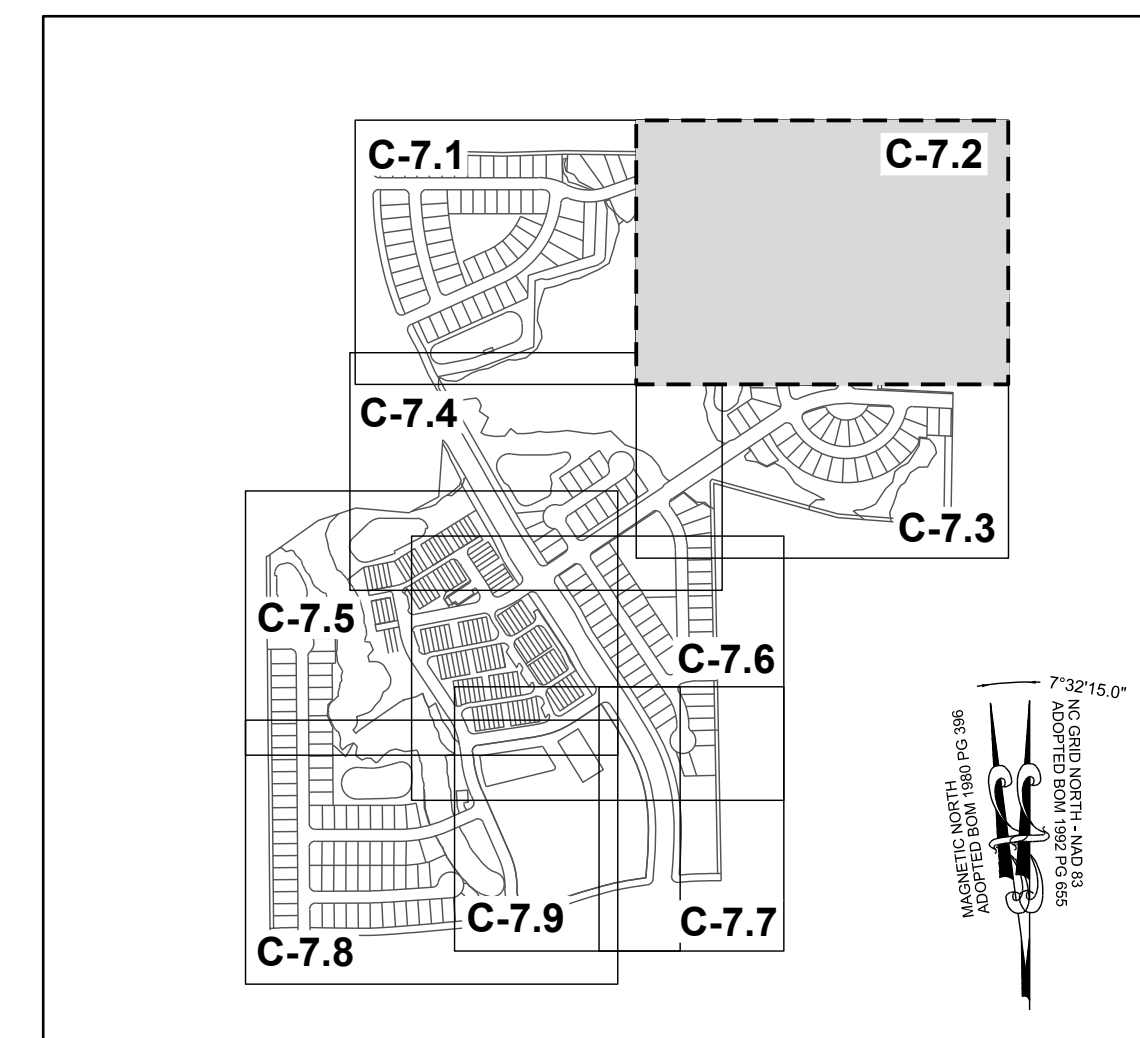
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USE: SF

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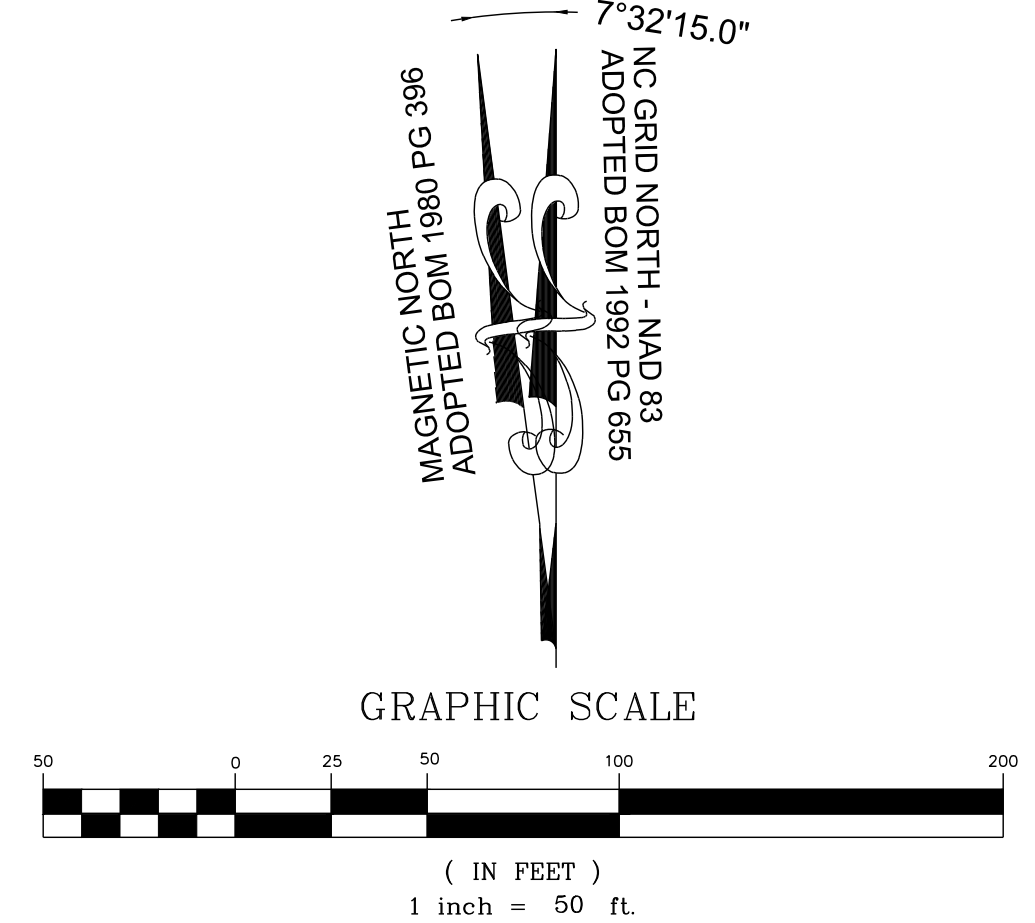
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GRO PEG PROPERTIES LLC
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LOT 5 - BM 1980 PG 00396
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USE: VA

SCOTT & THERESA CARLE
PIN: 1757675786
DB 14863 PG 2493
LOT 4A - BM 1980 PG 00396
ZONING: R-30 (WC)
USE: VA



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



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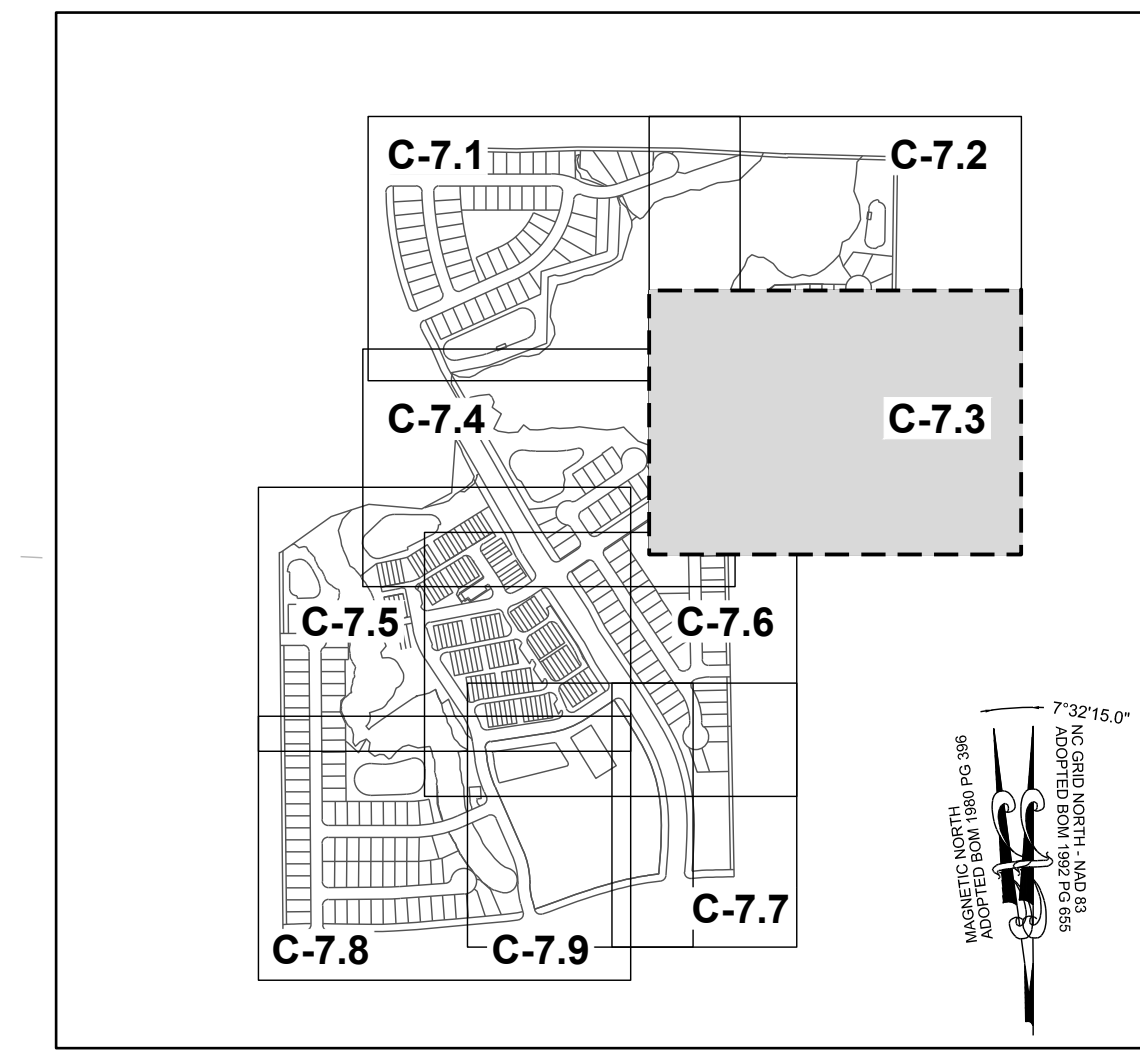
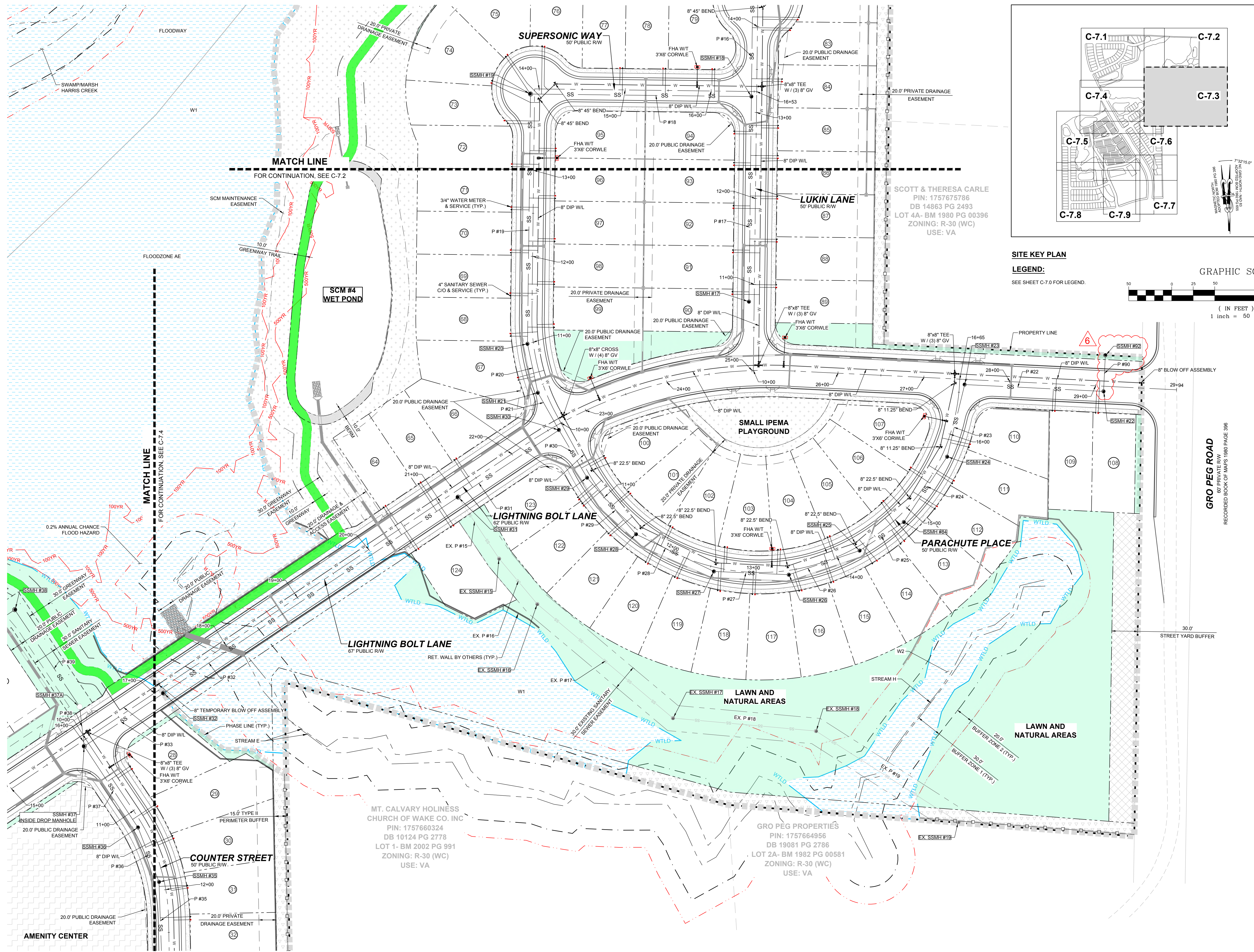
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

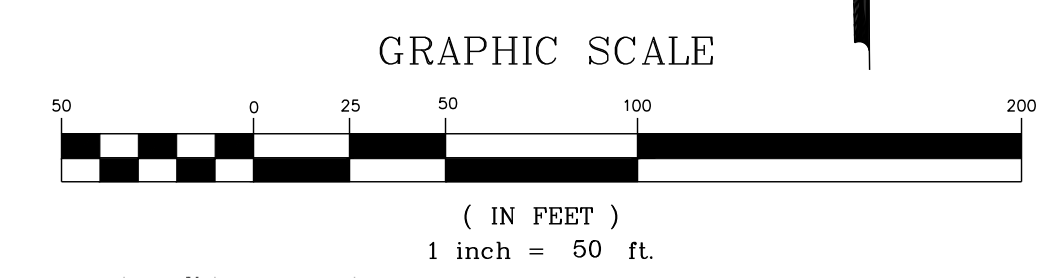
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TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN II

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C-7.2

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



MAGNETIC NORTH
 ADOPTED BOM 1980 PG 396
 7°32'15.0"

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STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

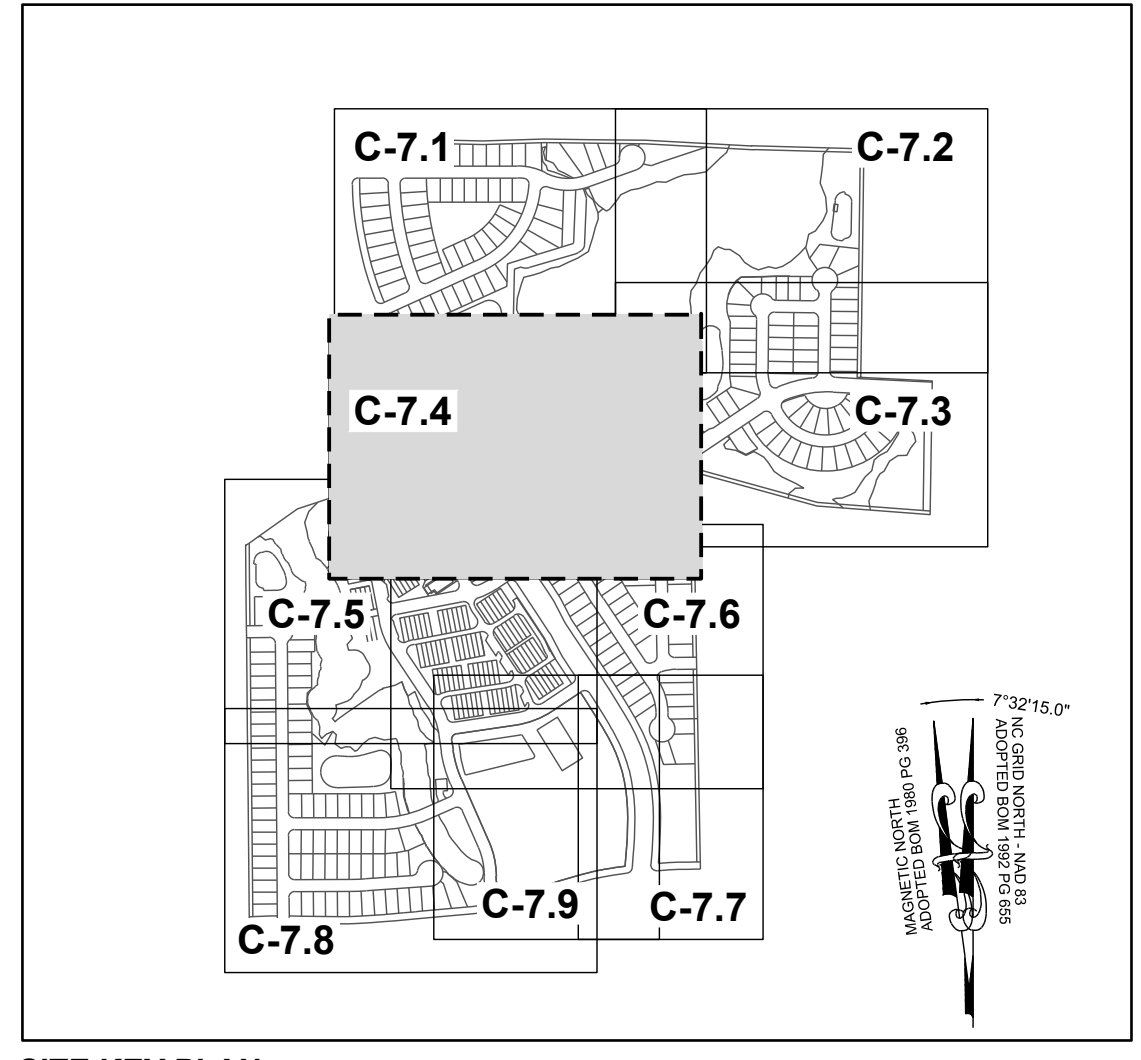
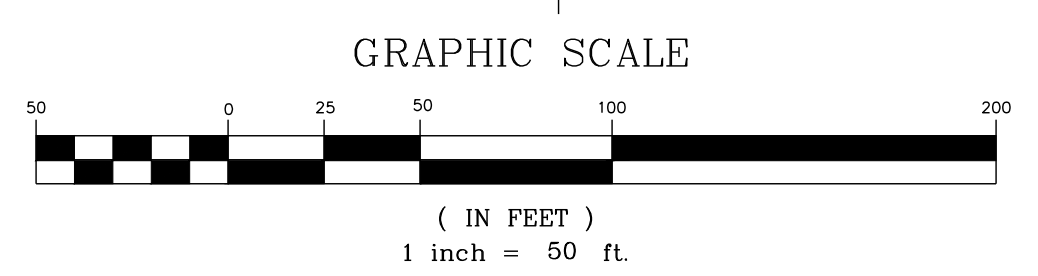
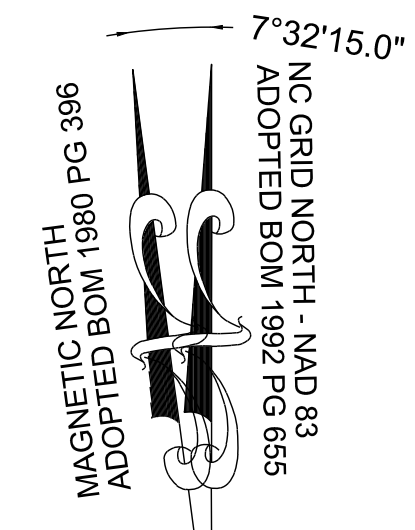
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 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL UTILITY PLAN III

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C-7.3

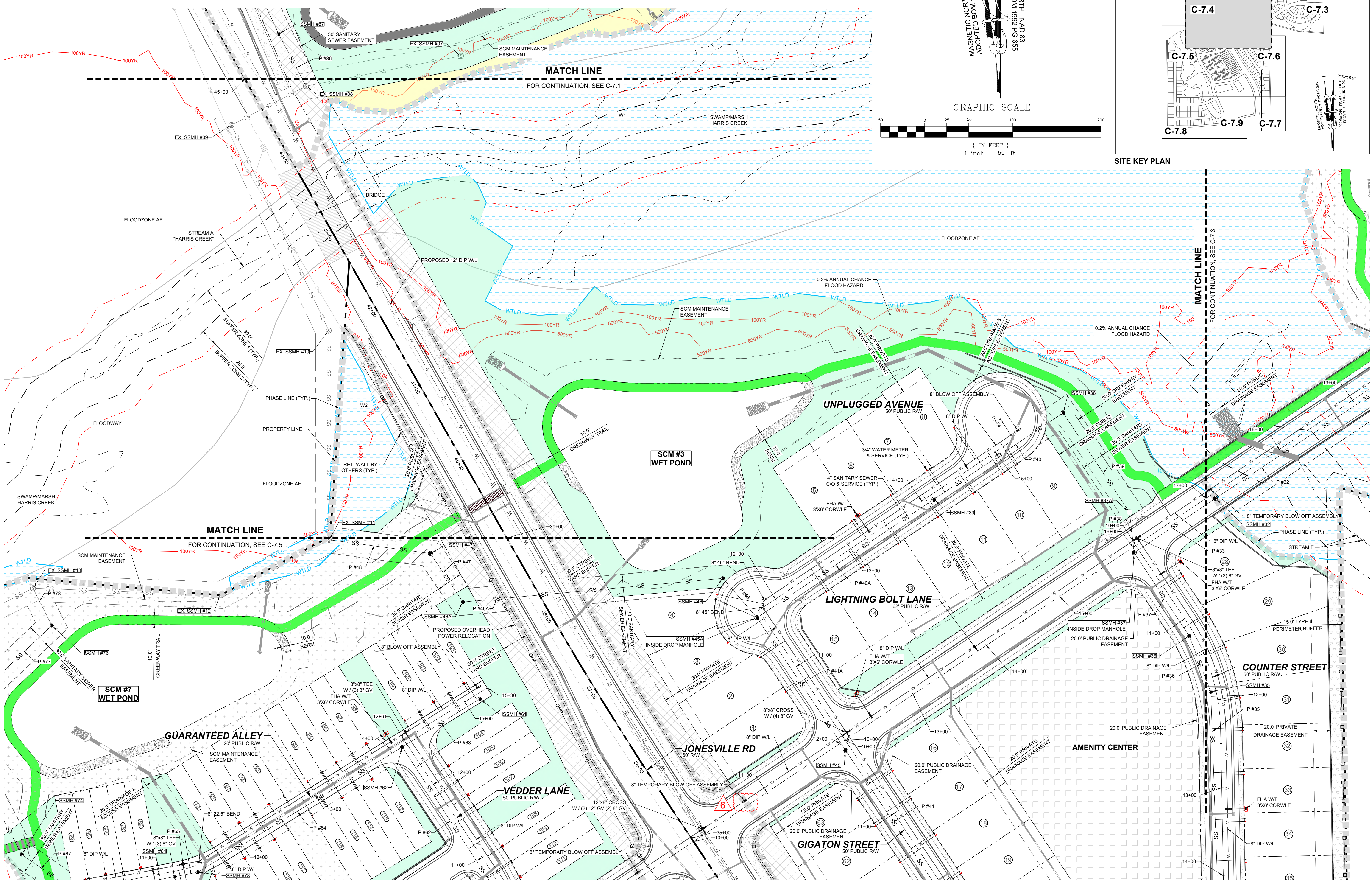
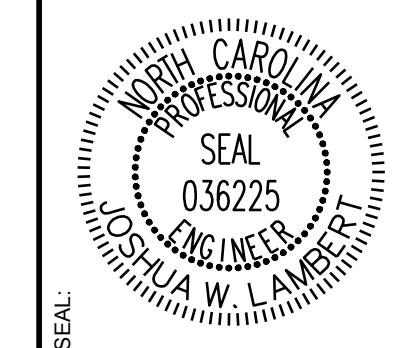
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TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

LEGEND:
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NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN VI

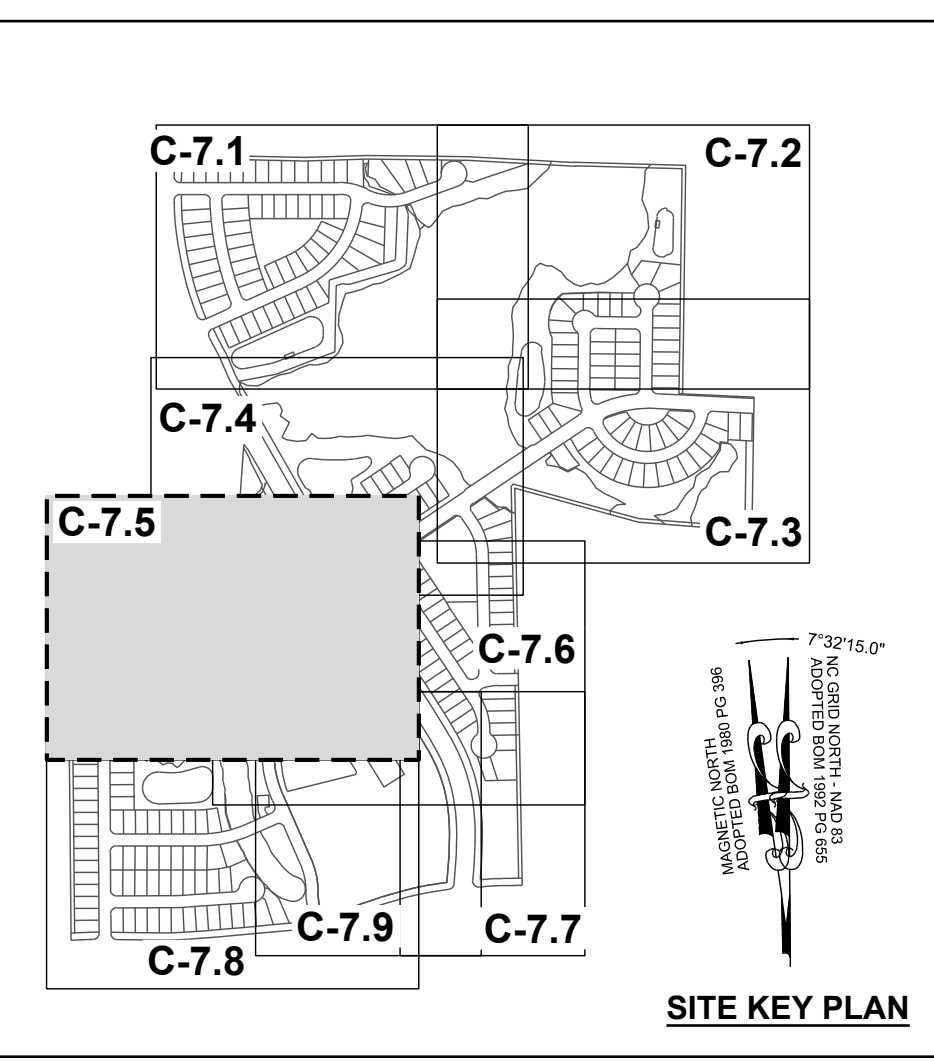
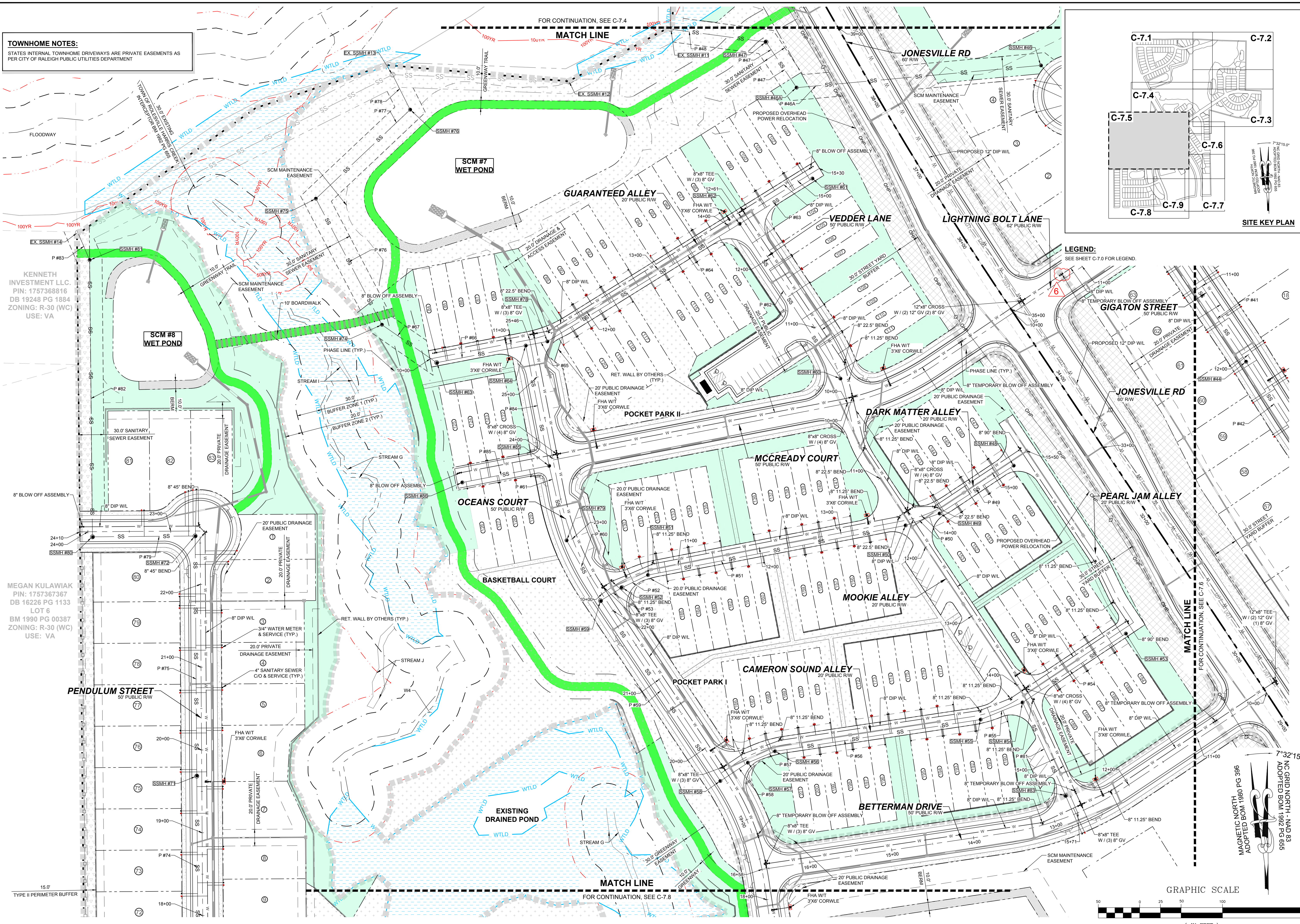
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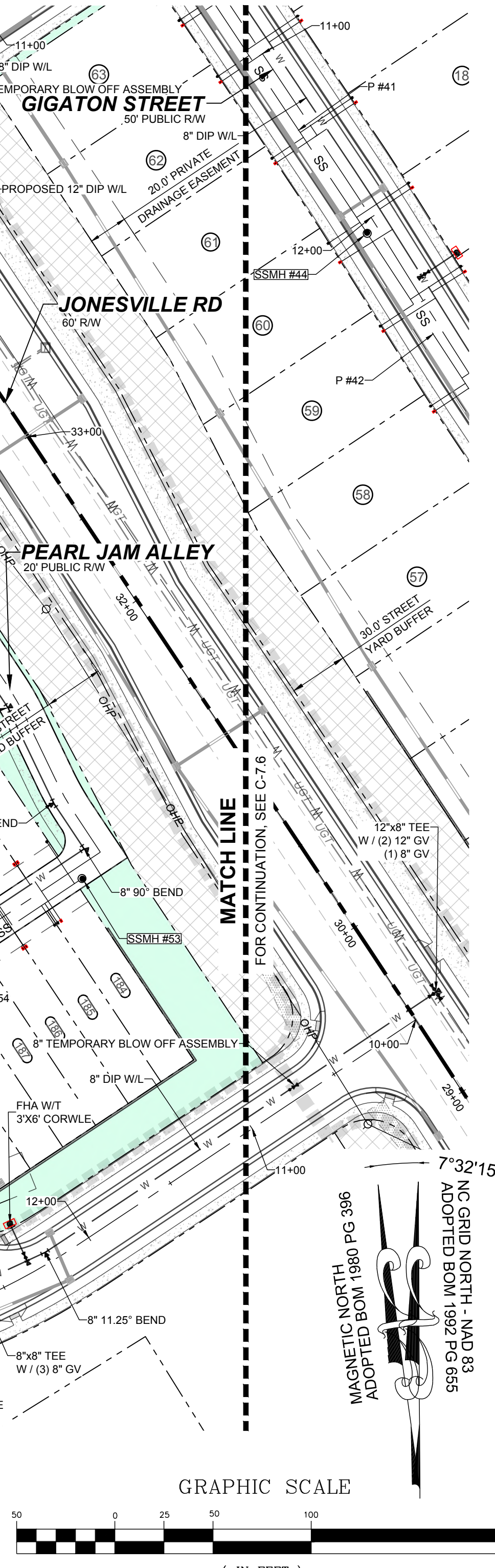
TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

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DB 19248 PG 1884
ZONING: R-30 (WC)
USE: VA

MEGAN KULAWIAK
PIN: 1757367367
DB 16226 PG 1133
LOT 6
BM 1990 PG 00387
ZONING: R-30 (WC)
USE: VA



LEGEND:
SEE SHEET C-7.0 FOR LEGEND.



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ENGINEERING GROUP

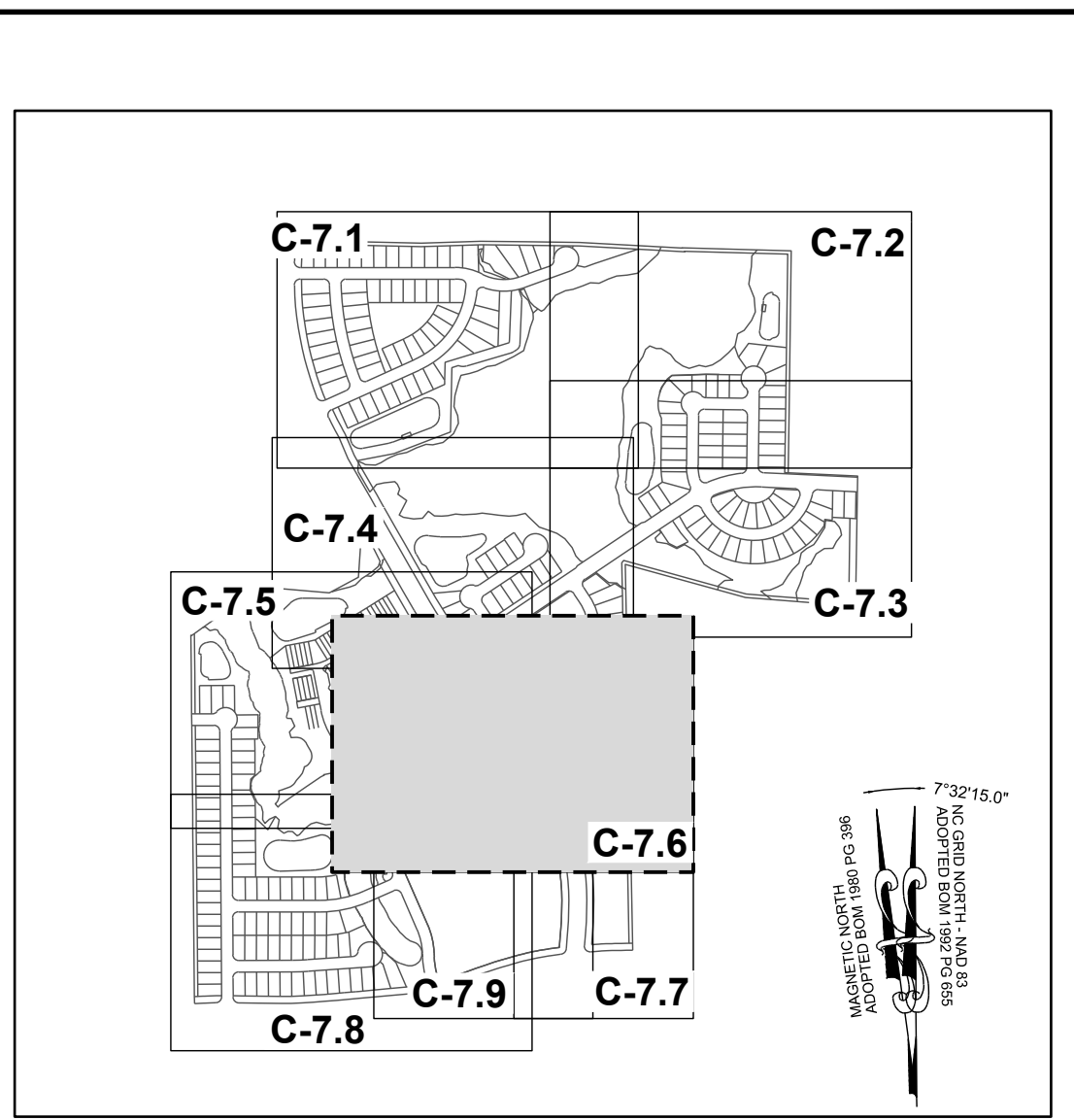
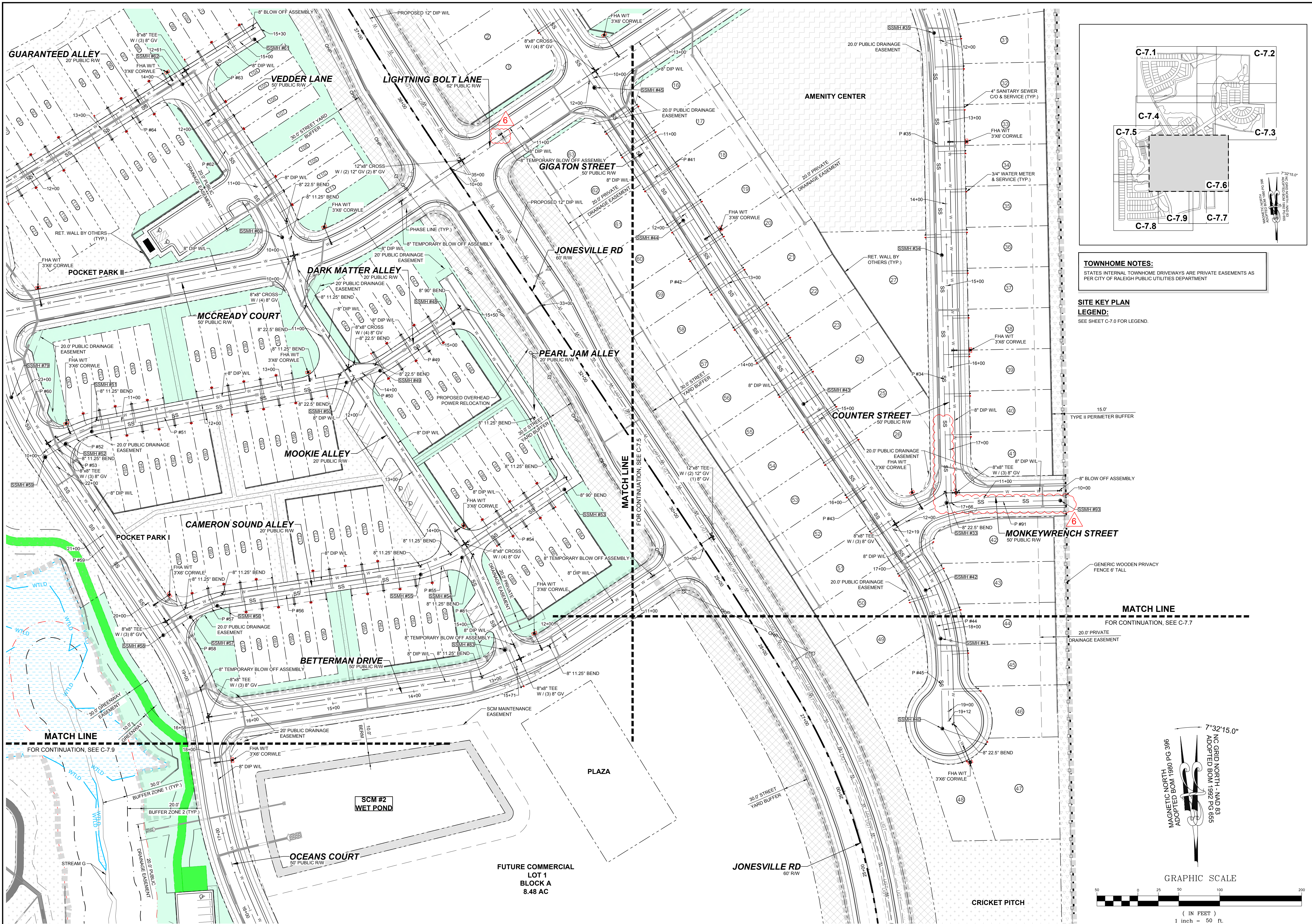
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STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL UTILITY PLAN V

DRAWING SHEET
C-7.5

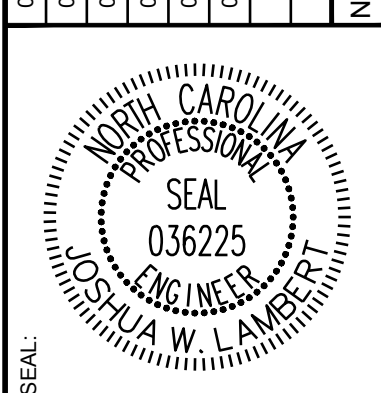
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TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

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

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STRONGROCK
 ENGINEERING GROUP

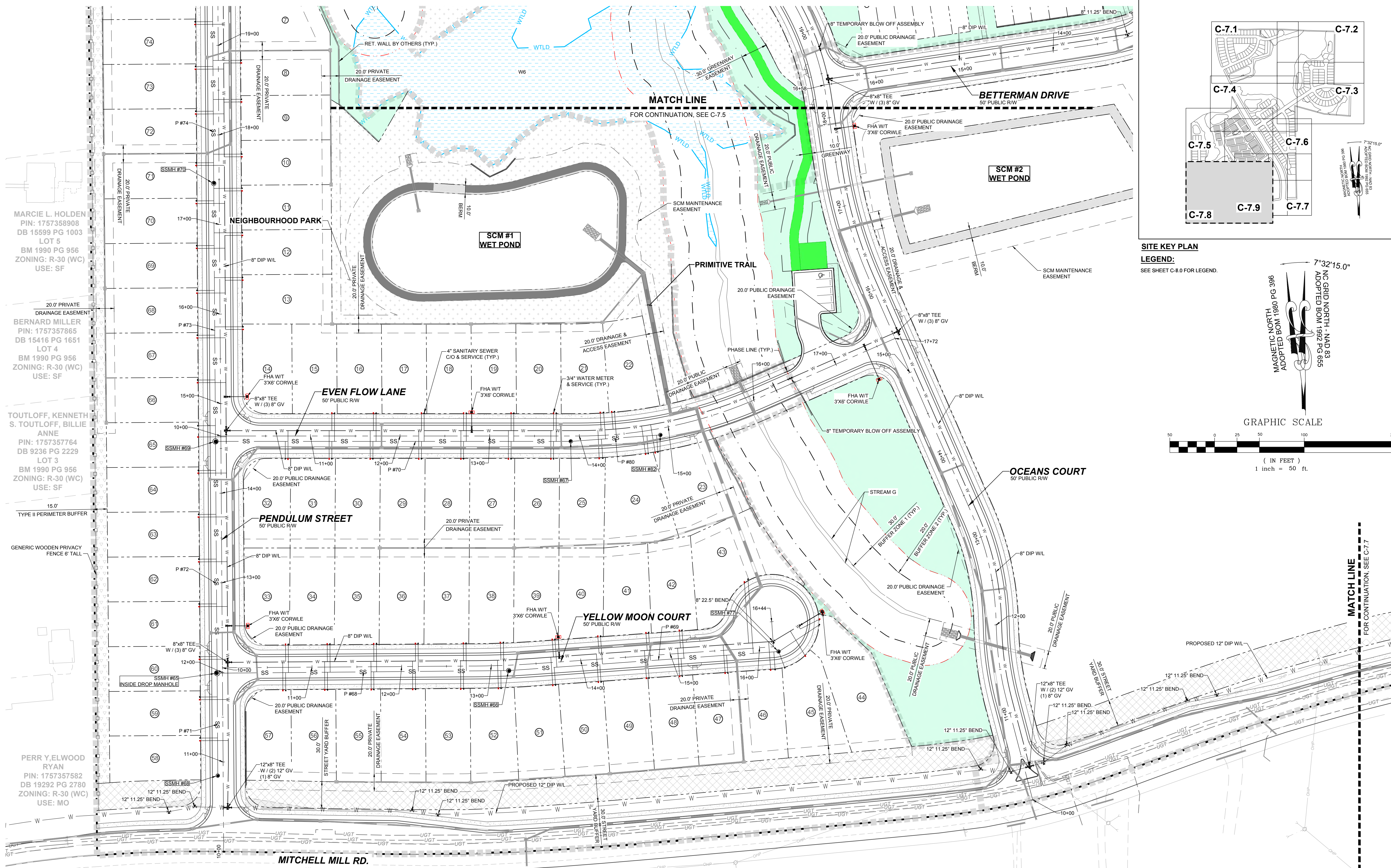
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT PSP-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	DRAWN BY JWL	CHECKED BY JWL
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 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL UTILITY PLAN VI

DRAWING SHEET
C-7.6

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MARCI L. HOLDEN
PIN: 1757358908
DB 15599 PG 1003
LOT 5
BM 1990 PG 956
ZONING: R-30 (WC)
USE: SF

BERNARD MILLER
PIN: 1757357865
DB 15416 PG 1651
LOT 4
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USE: SF

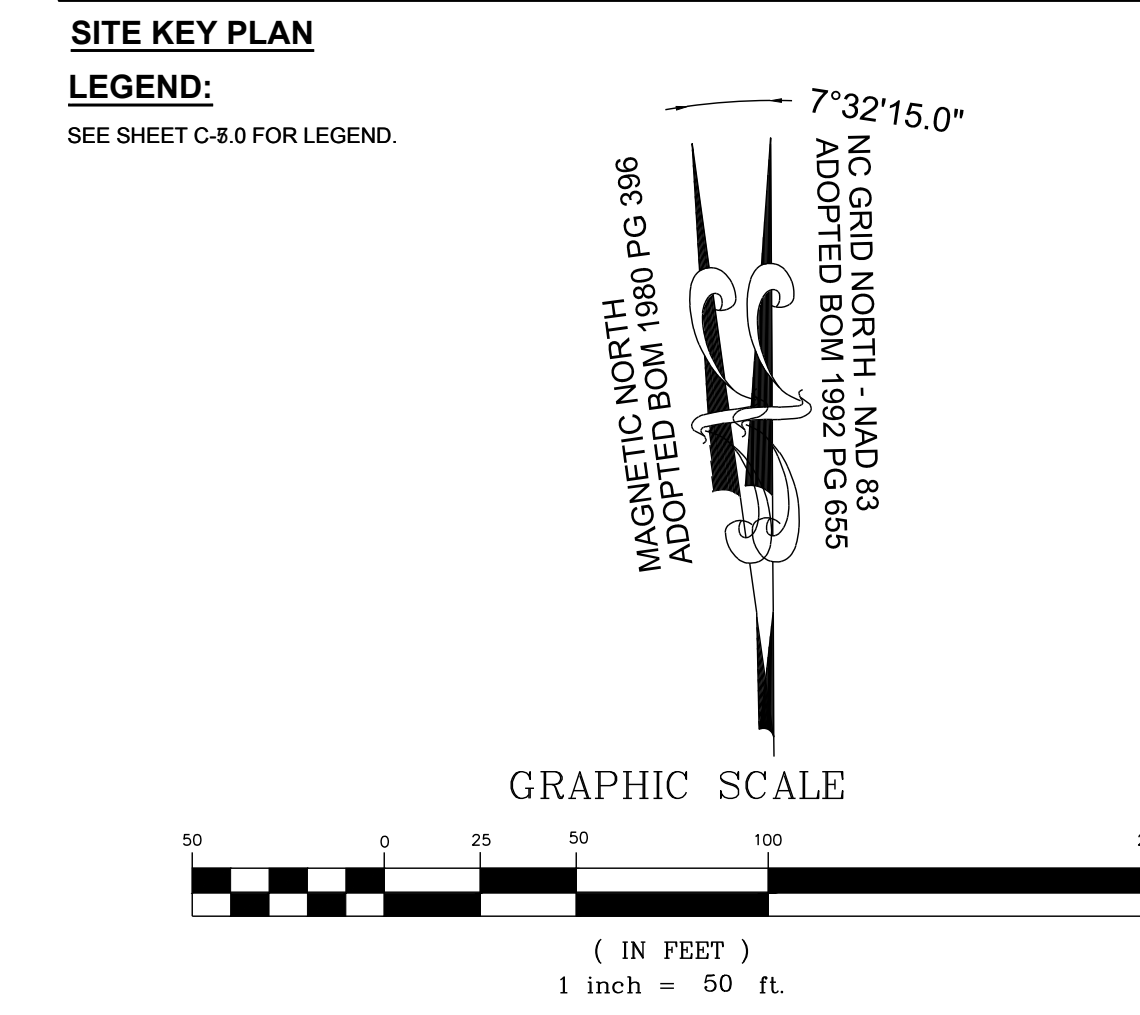
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S. TOUTLOFF, BILLIE
ANNE
PIN: 1757357764
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BM 1990 PG 956
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USE: SF

PERR Y. ELWOOD
RYAN
PIN: 1757357582
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USE: MO

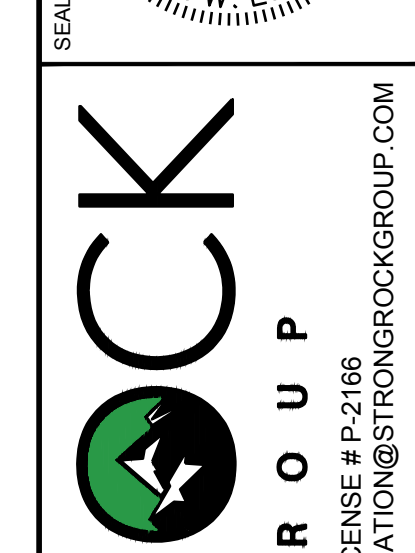
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BRADSHER
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USE: FO

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AND WIFE TODD
KENDALL
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LOT 1 - BM 2018 PG 1333
ZONING: R-30 (WC)
USE: SF

TODD KENDALL
HONEYCUTT
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DB 13474 PG 1974
LOT 2 - BM 2018 PG 1333
ZONING: R-30 (WC)
USE: SF



NO.	REVISIONS	DATE	BY
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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

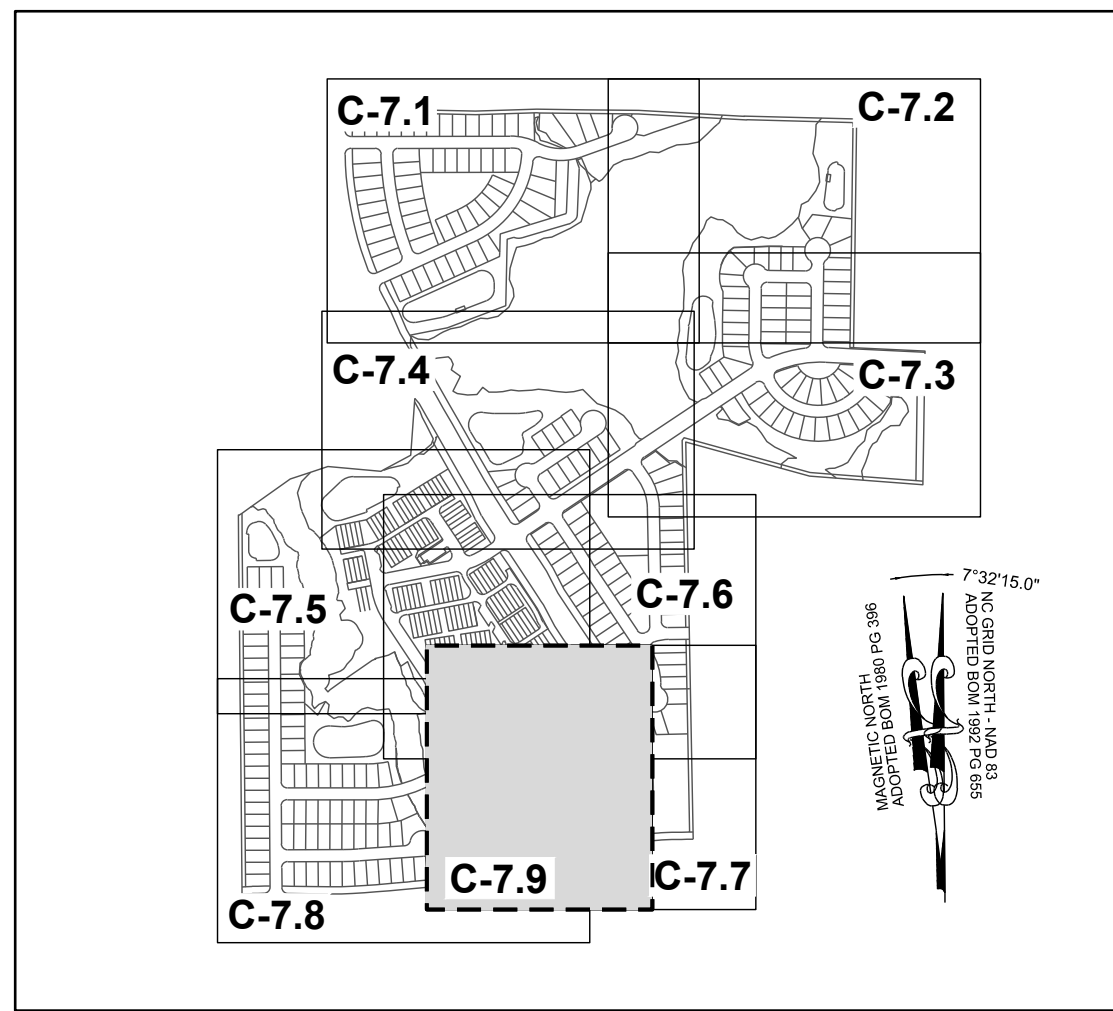
STRONG ROCK PROJECT PSP-23-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN VIII

DRAWING SHEET
C-7.8

42 OF 82

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.



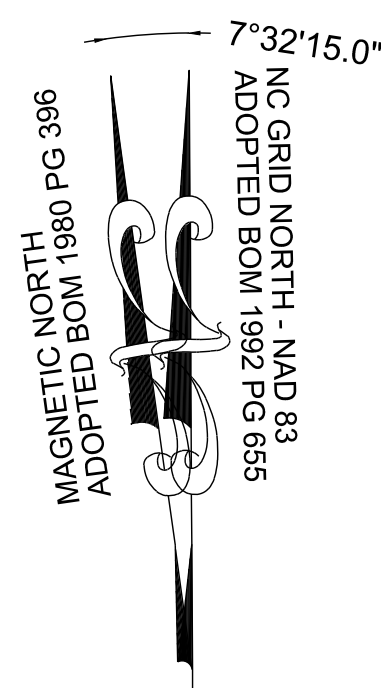
SITE KEY PLAN

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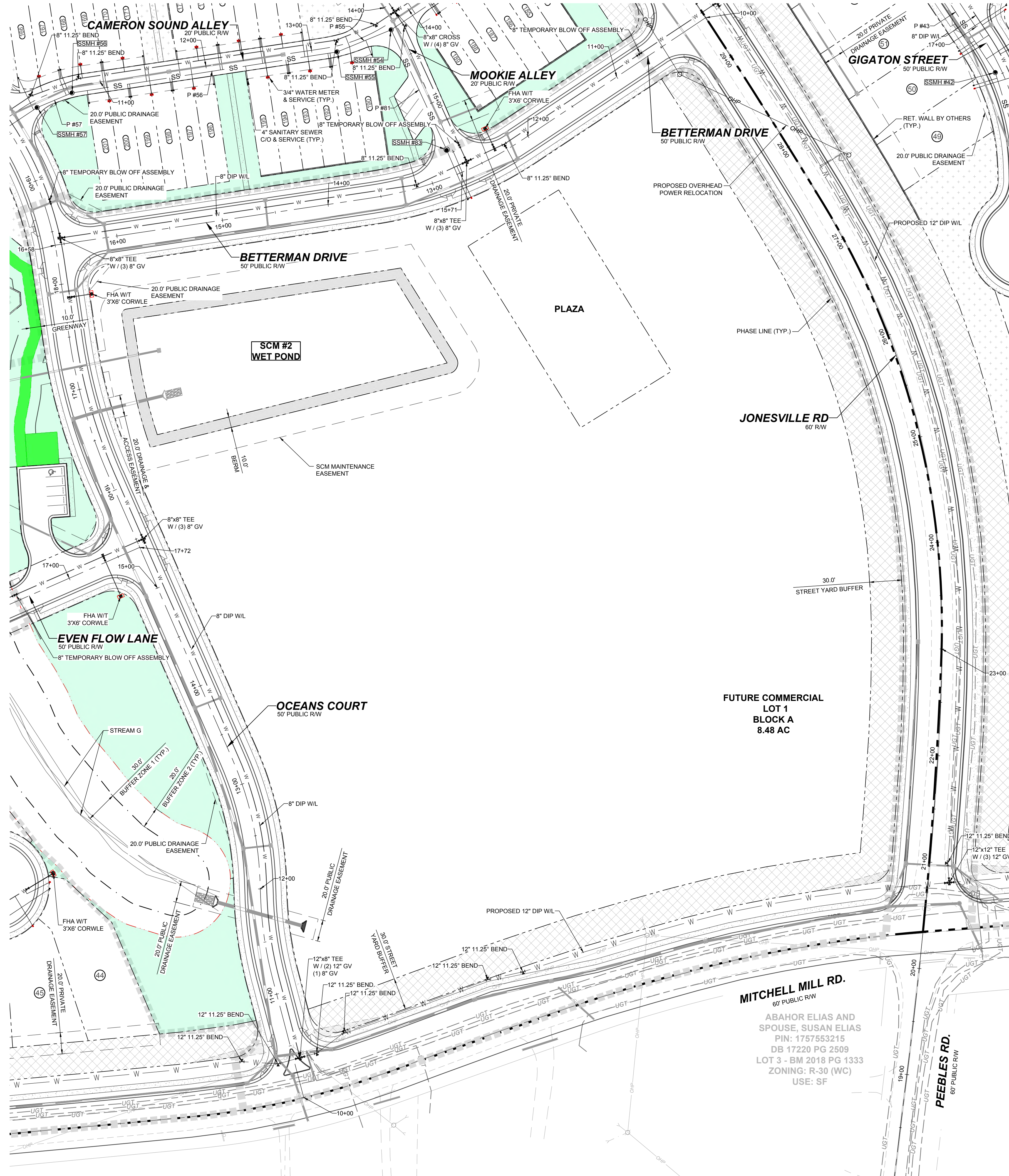
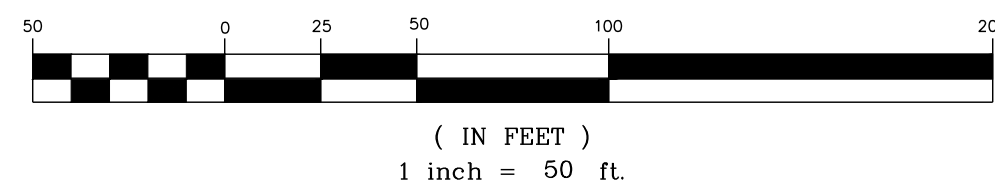
SEE SHEET C-7.0 FOR LEGEND.

TOWNHOME NOTES:

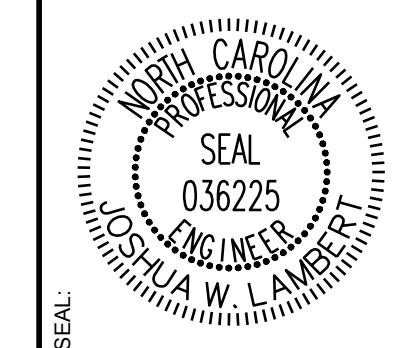
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



GRAPHIC SCALE



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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	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL UTILITY PLAN IX

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.

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #01	PVC - SDR 26	8"	296	250.76	249.28	0.50%
P #02	PVC - SDR 26	8"	205	249.08	247.04	1.00%
P #03	PVC - SDR 26	8"	235	246.84	241.98	2.06%
P #04	PVC - SDR 26	8"	78	241.78	241.39	0.50%
P #05	PVC - SDR 26	8"	86	241.19	240.76	0.50%
P #06	PVC - SDR 26	8"	83	240.56	240.15	0.50%
P #07	PVC - SDR 26	8"	119	239.95	239.35	0.50%
P #08	PVC - SDR 26	8"	92	239.15	238.69	0.50%
P #09	PVC - SDR 26	8"	291	238.49	237.04	0.50%
P #10	PVC - SDR 26	8"	140	251.59	245.70	4.20%
P #11	PVC - SDR 26	8"	134	245.50	242.15	2.51%
P #12	PVC - SDR 26	8"	137	241.95	239.69	1.65%
P #13	PVC - SDR 26	8"	50	239.49	238.32	2.35%
P #14	PVC - SDR 26	8"	147	236.84	231.80	3.44%
P #15	PVC - SDR 26	8"	189	231.60	230.66	0.50%
P #16	PVC - SDR 26	8"	149	252.05	251.31	0.50%
P #17	PVC - SDR 26	8"	238	257.50	253.26	1.78%
P #18	PVC - SDR 26	8"	257	251.11	249.82	0.50%
P #19	PVC - SDR 26	8"	290	249.62	248.17	0.50%
P #20	PVC - SDR 26	8"	58	247.97	247.68	0.50%
P #21	PVC - SDR 26	8"	50	247.48	247.23	0.50%
P #22	PVC - SDR 26	8"	162	277.78	272.52	3.26%
P #23	PVC - SDR 26	8"	86	272.32	267.42	5.68%
P #24	PVC - SDR 26	8"	91	267.22	261.08	6.74%
P #25	PVC - SDR 26	8"	61	260.88	258.23	4.32%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #26	PVC - SDR 26	8"	87	258.03	256.45	1.82%
P #27	PVC - SDR 26	8"	87	256.25	253.00	3.73%
P #28	PVC - SDR 26	8"	100	252.80	250.80	1.99%
P #29	PVC - SDR 26	8"	87	250.60	249.16	1.66%
P #30	PVC - SDR 26	8"	64	248.96	246.64	3.62%
P #31	PVC - SDR 26	8"	141	246.44	237.20	6.55%
P #32	PVC - SDR 26	8"	411	237.00	233.15	0.94%
P #33	PVC - SDR 26	8"	111	232.95	232.39	0.50%
P #34	PVC - SDR 26	8"	302	279.47	265.29	4.69%
P #35	PVC - SDR 26	8"	272	262.79	247.30	5.70%
P #36	PVC - SDR 26	8"	68	247.10	246.76	0.50%
P #37	PVC - SDR 26	8"	113	246.56	245.00	1.38%
P #38	PVC - SDR 26	8"	46	232.19	231.96	0.50%
P #39	PVC - SDR 26	8"	136	231.76	231.08	0.50%
P #40	DIP	8"	176	230.88	230.00	0.50%
P #40A	DIP	8"	242	229.80	228.59	0.50%
P #41	PVC - SDR 26	8"	195	267.30	256.90	5.33%
P #41A	PVC - SDR 26	8"	181	256.70	248.86	4.32%
P #42	PVC - SDR 26	8"	268	282.70	267.50	5.68%
P #43	PVC - SDR 26	8"	272	294.38	282.90	4.22%
P #44	PVC - SDR 26	8"	62	298.77	294.58	6.79%
P #45	PVC - SDR 26	8"	110	304.02	298.97	4.60%
P #46	DIP	8"	59	228.39	228.10	0.50%
P #46A	DIP	8"	296	227.90	226.42	0.50%
P #47	DIP	8"	66	226.22	225.89	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #48	DIP	8"	116	225.69	225.11	0.50%
P #49	PVC - SDR 26	8"	106	268.24	260.79	7.00%
P #50	PVC - SDR 26	8"	44	258.29	256.66	3.75%
P #51	PVC - SDR 26	8"	317	256.46	245.37	3.50%
P #52	PVC - SDR 26	8"	35	245.17	245.00	0.50%
P #53	PVC - SDR 26	8"	30	244.80	244.64	0.50%
P #54	PVC - SDR 26	8"	150	281.01	274.73	4.19%
P #55	PVC - SDR 26	8"	55	274.53	273.38	2.10%
P #56	PVC - SDR 26	8"	251	273.18	263.91	3.69%
P #57	PVC - SDR 26	8"	35	263.71	260.70	8.49%
P #58	PVC - SDR 26	8"	40	260.50	259.36	2.86%
P #59	PVC - SDR 26	8"	261	259.16	246.50	4.84%
P #60	PVC - SDR 26	8"	84	244.44	242.20	2.68%
P #61	PVC - SDR 26	8"	92	242.00	240.90	1.19%
P #62	PVC - SDR 26	8"	223	250.21	243.44	3.03%
P #63	PVC - SDR 26	8"	104	245.48	243.44	1.98%
P #64	PVC - SDR 26	8"	272	243.24	237.63	2.06%
P #65	PVC - SDR 26	8"	27	237.43	236.33	4.15%
P #66	PVC - SDR 26	8"	110	236.13	235.58	0.50%
P #67	PVC - SDR 26	8"	80	235.38	234.98	0.50%
P #68	DIP	8"	325	263.14	261.51	0.50%
P #69	PVC - SDR 26	8"	302	264.85	263.34	0.50%
P #70	DIP	8"	396	264.77	262.21	0.65%
P #71	PVC - SDR 26	8"	114	284.29	277.76	5.71%
P #72	DIP	8"	259	261.31	260.02	0.50%

PIPE TABLE						
PIPE NO	TYPE	SIZE	LF	INV. IN	INV. OUT	GRADE
P #73	DIP	8"	288	259.82	258.38	0.50%
P #74	PVC - SDR 26	8"	223	258.18	257.07	0.50%
P #75	PVC - SDR 26	8"	290	256.87	255.42	0.50%
P #76	PVC - SDR 35	8"	172	234.78	231.63	1.83%
P #77	PVC - SDR 35	8"	157	231.43	230.65	0.50%
P #78	PVC - SDR 35	8"	47	230.45	230.21	0.50%
P #79	PVC - SDR 26	8"	124	255.22	254.60	0.50%
P #80	PVC - SDR 26	8"	100	265.48	264.97	0.50%
P #81	PVC - SDR 26	8"	124	276.77	274.93	1.49%
P #82	DIP	8"	334	254.40	229.01	7.59%
P #83	PVC - SDR 35	8"	36	227.51	225.98	4.23%
P #84	PVC - SDR 26	8"	148	240.70	236.33	2.96%
P #85	PVC - SDR 26	8"	107	243.08	242.30	0.73%
P #86	PVC - SDR 26	8"	67	230.46	230.12	0.50%
P #87	PVC - SDR 26	8"	79	240.66	236.99	4.64%
P #88	PVC - SDR 26	8"	240	236.79	234.18	1.09%
P #89	PVC - SDR 26	8"	39	233.98	233.79	0.50%
P #90	PVC - SDR 26	8"	42	280.08	277.98	5.00%
P #91	PVC - SDR 26	8"	139	280.37	279.67	0.50%
P #92	PVC - SDR 26	8"	105	253.63	253.10	0.50%
P #93	PVC - SDR 26	8"	130	252.90	252.25	0.50%

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
DOG HOUSE SSMH #92	5'	243.62	231.47 E 233.79 N	231.27 W	12.34
SSMH #01	4'	259.64		250.76 E	8.88
SSMH #02	4'	257.52	249.28 W	249.08 E	8.44
SSMH #03	4'	255.62	247.04 W	246.84 E	8.78
SSMH #04	4'	250.81	241.98 W	241.78 S	9.03
SSMH #05	4'	251.21	241.39 N	241.19 S	10.02
SSMH #06	4'	250.79	240.76 N	240.56 SW	10.23
SSMH #07	4'	250.33	240.15 NE	239.95 SW	10.38
SSMH #08	4'	249.73	239.35 NE	239.15 SW	10.58
SSMH #09	4'	249.17	238.69 NE	238.49 SW	10.68
SSMH #10	4'	257.33		251.59 S	5.77
SSMH #11	4'	254.40	245.70 N	245.50 S	8.92
SSMH #12	4'	251.62	242.15 N	241.95 S	9.66
SSMH #13	4'	248.69	239.69 N	239.49 SE	9.21
SSMH #14	4'	247.66	237.04 NE 238.32 NW	236.84 SW	10.82
SSMH #15	4'	242.27	231.80 NE	231.60 SE	10.67
SSMH #16	4'	260.65	252.25 NE	252.05 S	8.62
SSMH #17	4'	265.86		257.50 N	8.39
SSMH #18	4'	262.32	251.31 N 253.26 S	251.11 W	11.23
SSMH #19	5'	264.15	249.82 E	249.62 S	14.53
SSMH #20	4'	257.86	248.17 N	247.97 S	9.89
SSMH #21	4'	256.43	247.68 N	247.48 SE	8.95
SSMH #22	4'	286.97	277.98 N	277.78 W	9.19
SSMH #23	4'	279.55	272.52 E	272.32 S	7.23
SSMH #24	4'	274.48	267.42 N	267.22 SW	7.26

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #25	4'	265.51	258.23 NE	258.03 W	7.48
SSMH #26	4'	262.13	256.45 E	256.25 W	5.89
SSMH #27	4'	260.47	253.00 E	252.80 NW	7.67
SSMH #28	4'	258.56	250.80 SE	250.60 NW	7.95
SSMH #29	4'	256.92	249.16 SE	248.96 NW	7.96
SSMH #30	4'	256.07	246.64 SE 247.23 NW	246.44 SW	9.66
SSMH #31	5'	251.80	237.20 NE 237.20 SE	237.00 SW	15.31
SSMH #32	5'	252.01	233.15 NE	232.95 SW	19.08
SSMH #33	5'	296.53	279.67 E	279.47 N	17.08
SSMH #34	4'	273.76	265.29 S	262.79 N	10.97
SSMH #35	4'	256.83	247.30 S	247.10 N	9.76
SSMH #36	4'	254.96	246.76 S	246.56 NW	8.40
SSMH #37 INSIDE DROP MANHOLE	6'	252.66	232.39 NE 245.00 SE	232.19 N	20.47
SSMH #37A	6'	252.49	231.96 S	231.76 NW	20.76
SSMH #38	5'	247.80	231.08 SE	230.88 SW	16.92
SSMH #39	6'	251.21	230.00 NE	229.80 SW	21.41
SSMH #40	4'	311.84		304.02 N	7.82
SSMH #41	4'	306.80	298.97 S	298.77 N	8.04
SSMH #42	4'	303.66	294.58 S	294.38 NW	9.30
SSMH #43	4'	292.93	282.90 SE	282.70 NW	10.23
SSMH #44	4'	276.65	267.50 SE	267.30 NW	9.38
SSMH #45	5'	269.46	256.90 SE	256.70 NW	12.78
SSMH #45A INSIDE DROP MANHOLE	6'	257.61	248.86 SE 228.59 NE	228.39 NW	29.22
SSMH #46	6'	255.99	228.10 SE	227.90 W	28.09
SSMH #46A	6'	252.21	226.42 E	226.22 NW	25.99

SSMH TABLE					
SSMH NO	SIZE	TOP	INV. IN	INV. OUT	DEPTH
SSMH #47	6'	249.33	225.89 SE	225.69 W	23.64
SSMH #48	4'	276.94		268.24 SW	8.70
SSMH #49	4'	269.59	260.79 NE	258.29 W	11.30
SSMH #50	4'	266.71	256.66 E	256.46 W	10.25
SSMH #51	4'	257.07	245.37 E	245.17 SW	11.90
SSMH #52	5'	256.95	245.00 NE	244.80 SW	12.15
SSMH #53	4'	286.96		281.01 SW	5.95
SSMH #54	4'	282.54	274.73 NE 274.93 SE	274.53 W	8.04
SSMH #55	4'	280.40	273.38 E	273.18 W	7.22
SSMH #56	4'	272.28	263.91 E	263.71 SW	8.56
SSMH #57	4'	271.19	260.70 NE	260.50 SW	10.69
SSMH #58	4'	270.44	259.36 NE	259.16 NW	11.28
SSMH #59	5'	256.67	244.64 NE 246.50 SE	244.44 NW	12.22
SSMH #60	4'	261.29		250.21 NW	11.08
SSMH #61	4'	254.27		245.48 SW	8.79
SSMH #62	4'	252.21	243.44 SE 243.44 NE	243.24 SW	8.98
SSMH #63	5'	248.22	235.58 E	235.38 NW	12.84
SSMH #64	4'	247.68	236.33 E 236.33 S	236.13 W	11.55
SSMH #65 INSIDE DROP MANHOLE	6'	284.31	261.51 E 277.76 S	261.31 N	23.02
SSMH #66	5'	278.65	263.34 E	263.14 W	15.51
SSMH #67	4'	275.45	264.97 E	264.77 W	10.68
SSMH #68	4'	289.85		284.29 N	5.58
SSMH #69					

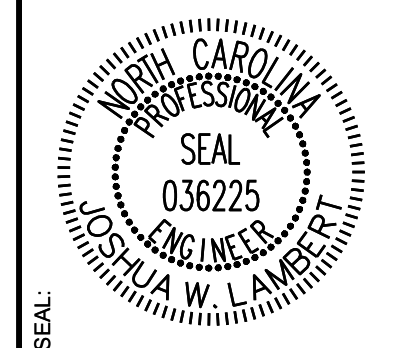


TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

LEGEND:

	WATER LINE
	FIRE HYDRANT ASSEMBLY
	GATE VALVE
	TEE
	BLOW OFF VALVE

NO.	REVISIONS	DATE	BY
01			
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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	PSP-24-03
NOT FOR CONSTRUCTION	SCALE AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OFF-SITE UTILITY PLAN

DRAWING SHEET
C-7.11

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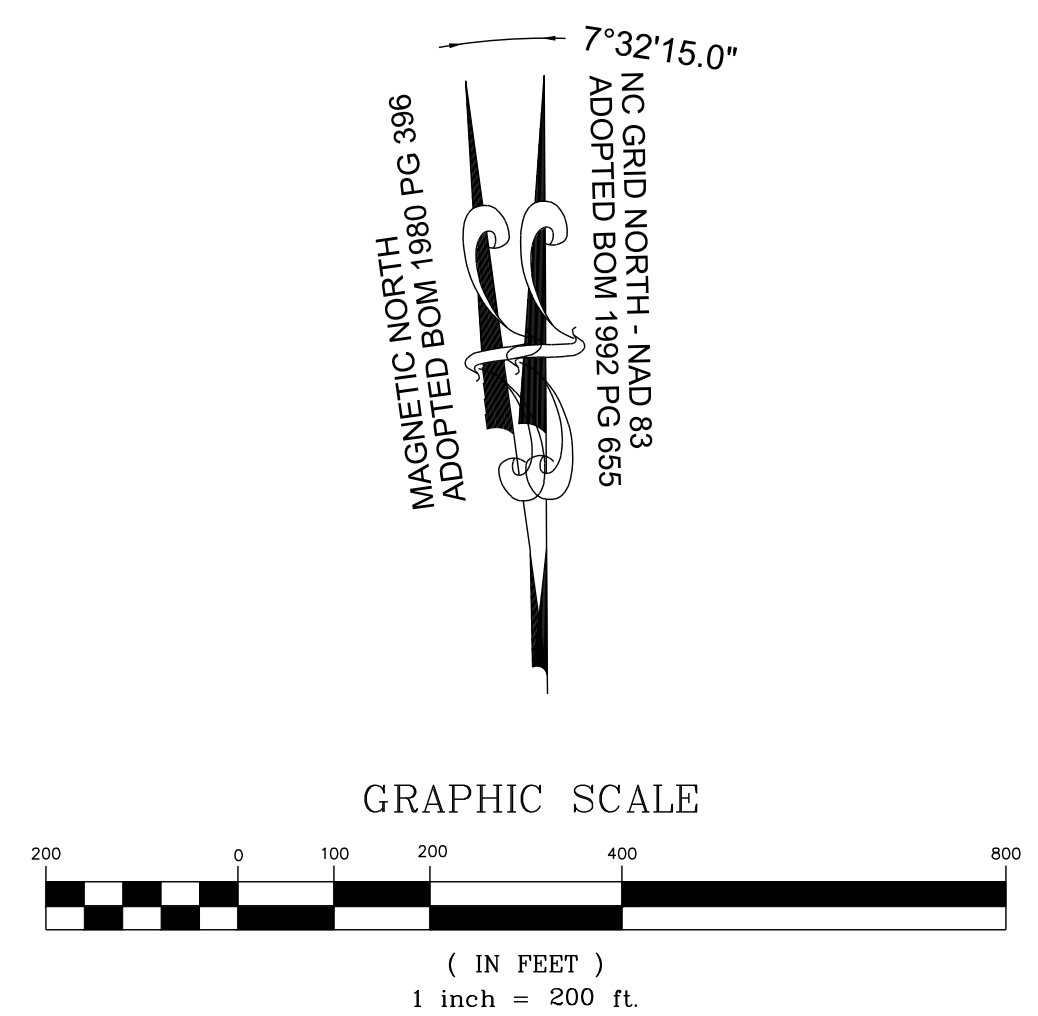


NOTES:
SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS

TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

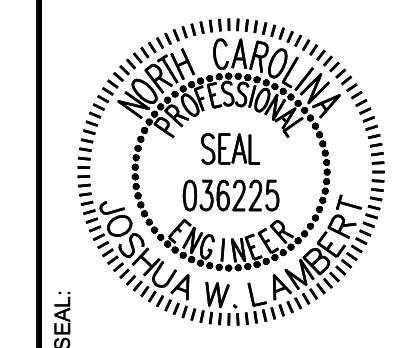
LEGEND:

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



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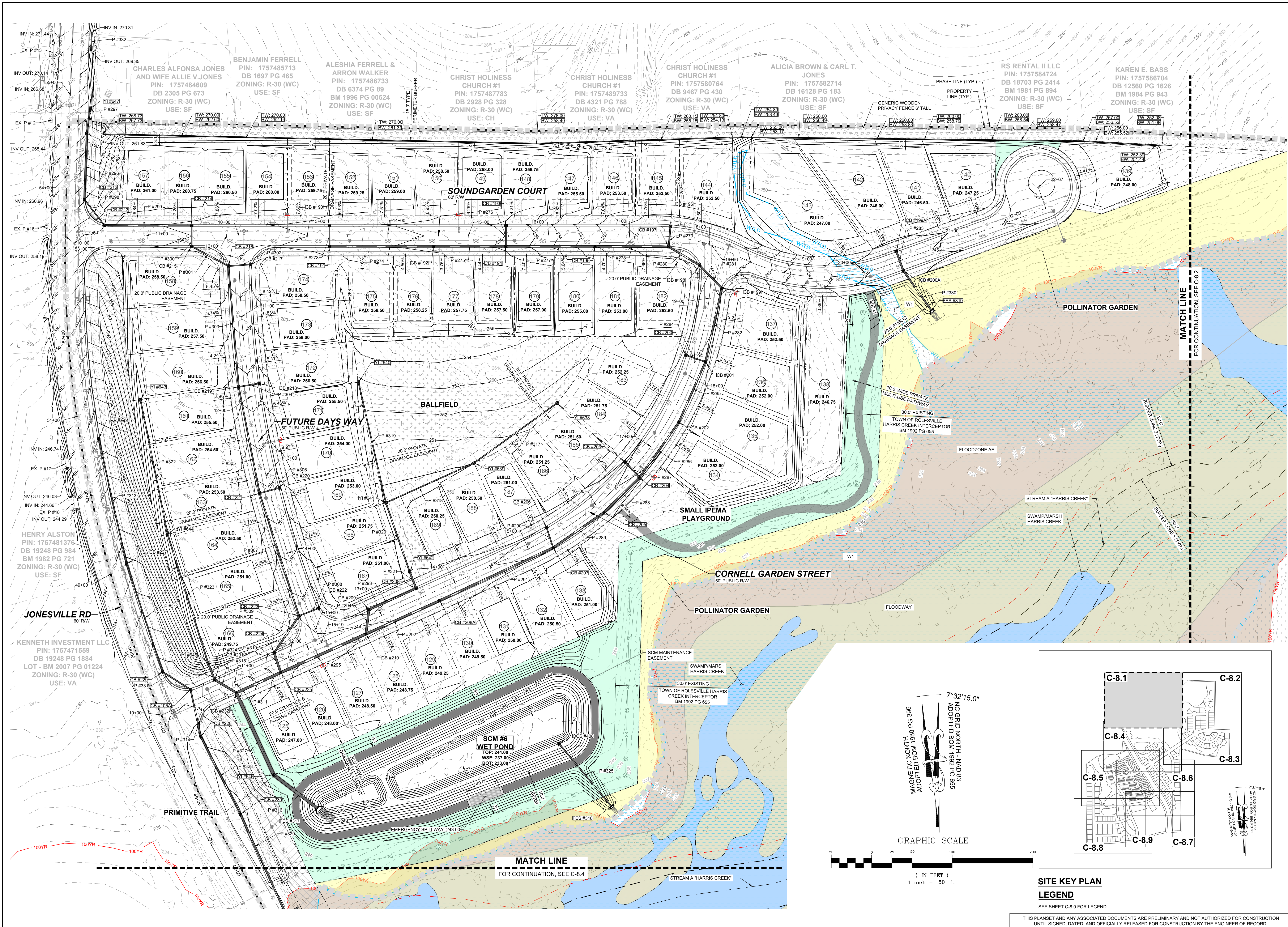
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ENGINEERING GROUP

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

STRONG ROCK PROJECT PSP-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
OVERALL GRADING AND DRAINAGE PLAN

DRAWING SHEET
C-8.0



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAN P-24-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE P-24-03	12/09/2023	SRG
03	TOWN OF ROLESVILLE P-24-03	03/01/2024	SRG
04	TOWN OF ROLESVILLE P-24-03	06/04/2024	SRG
05	TOWN OF ROLESVILLE P-24-03	09/02/2024	SRG
06	TOWN OF ROLESVILLE P-24-03	11/01/2024	SRG



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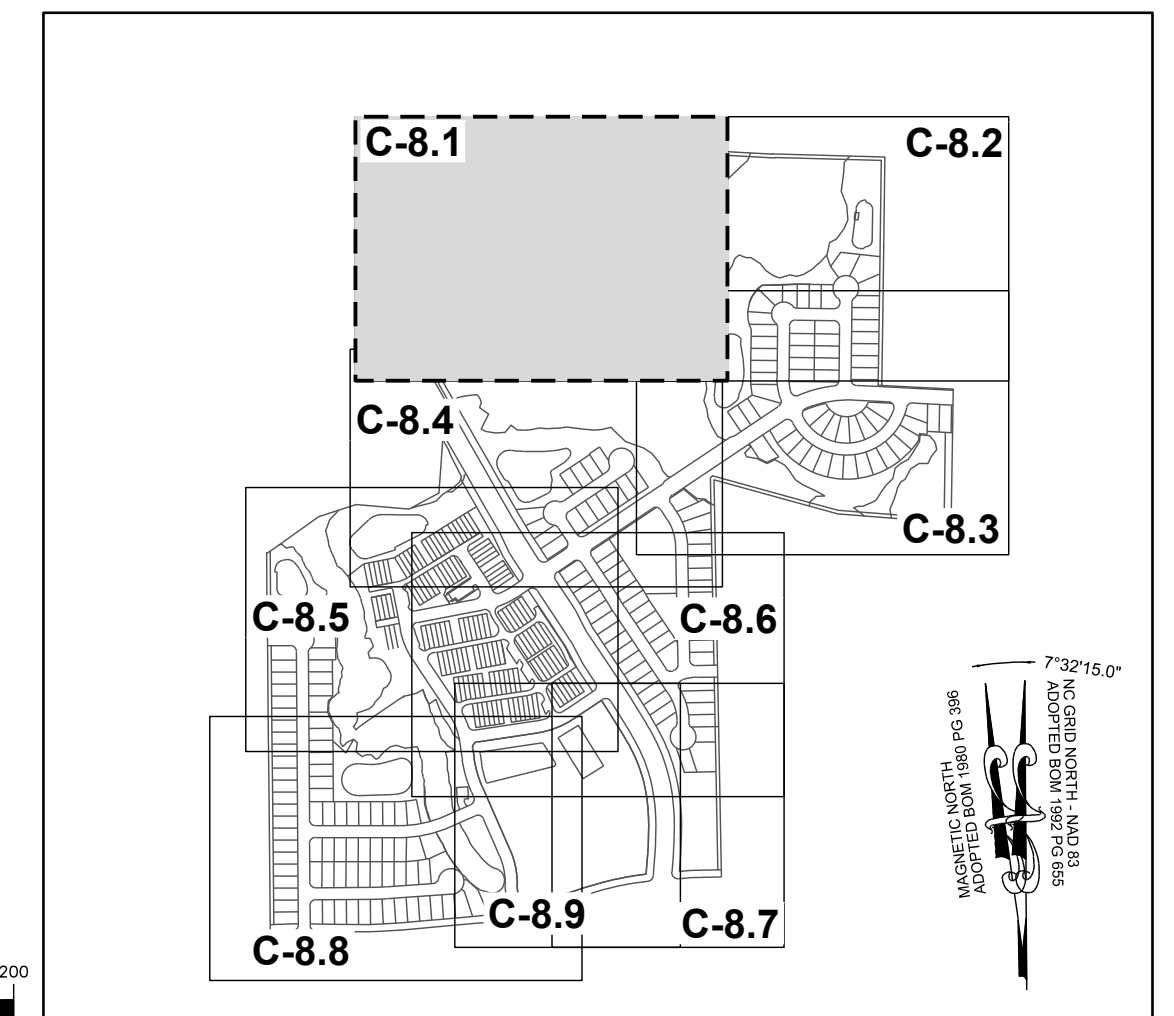
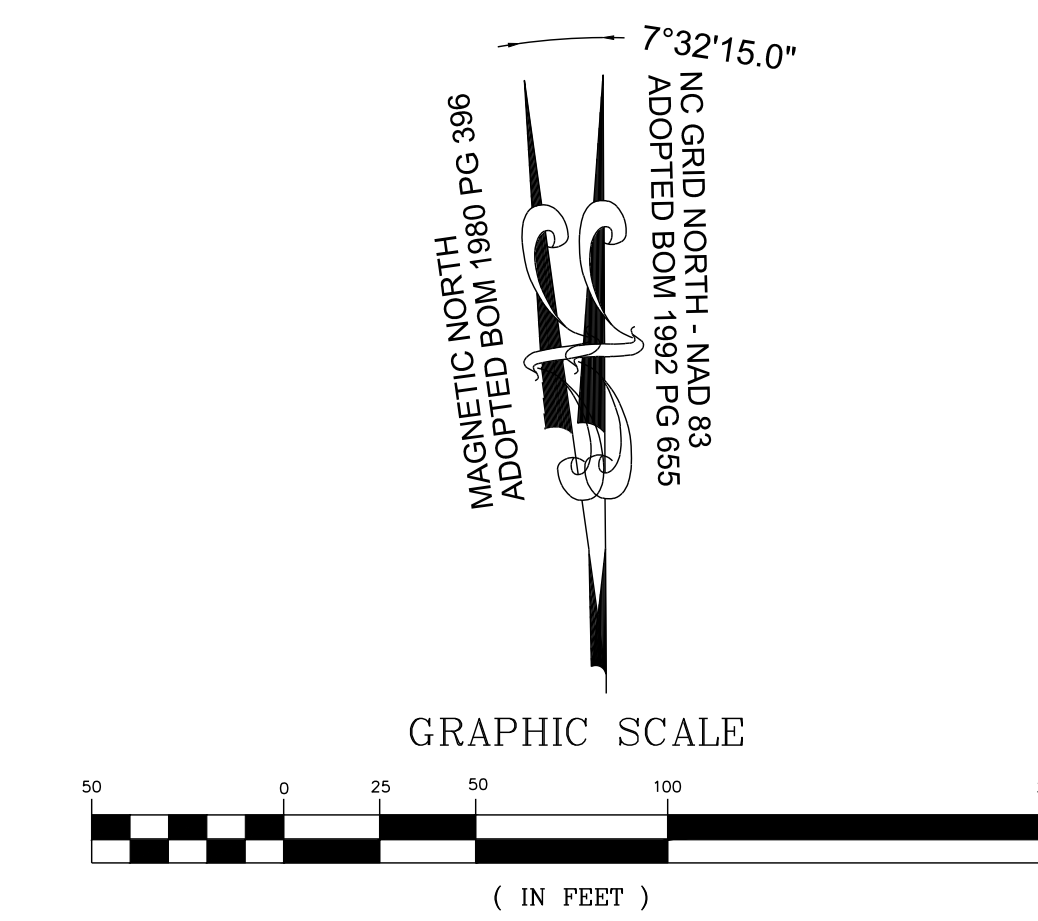
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT P-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL GRADING AND DRAINAGE PLAN I

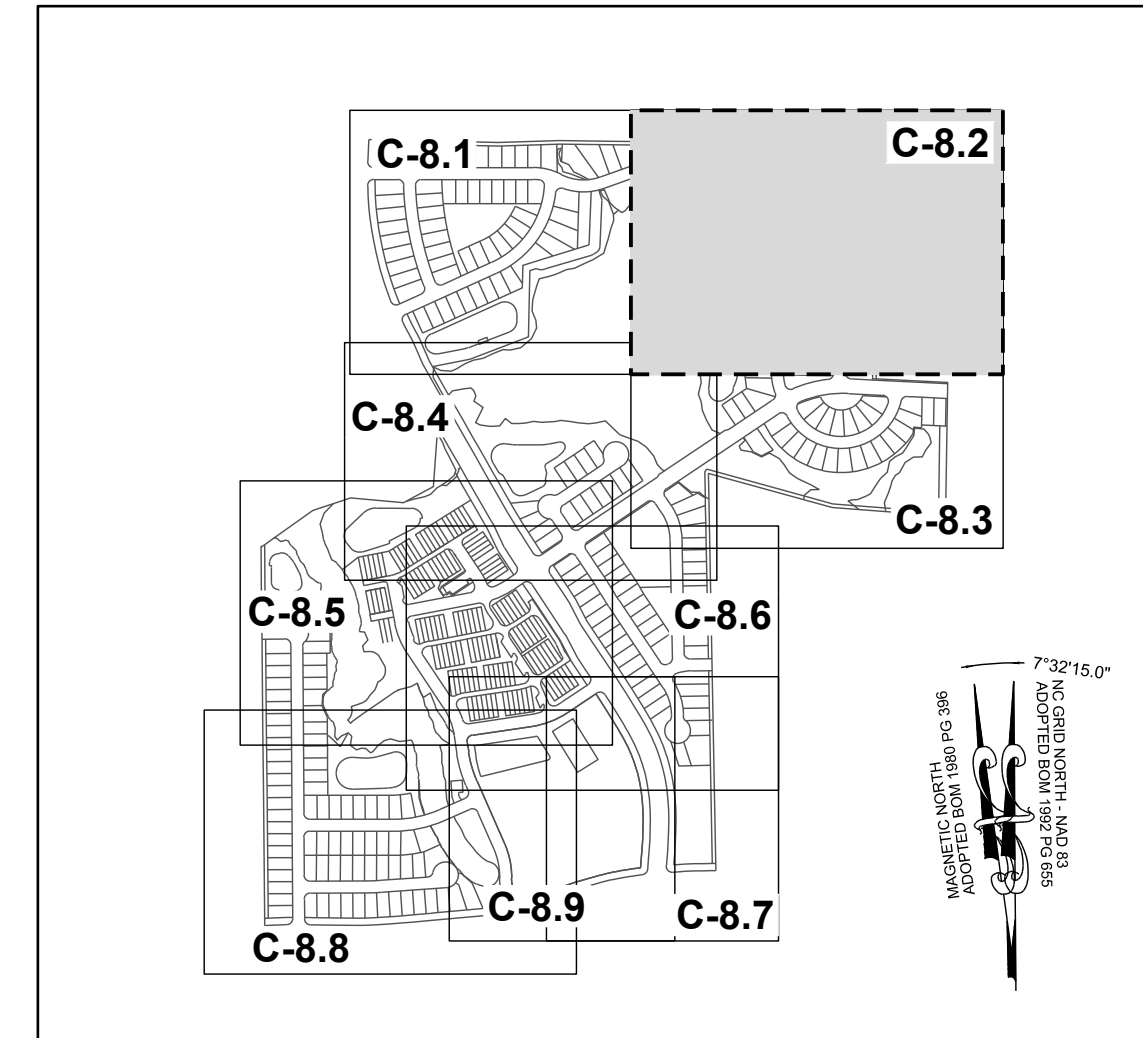
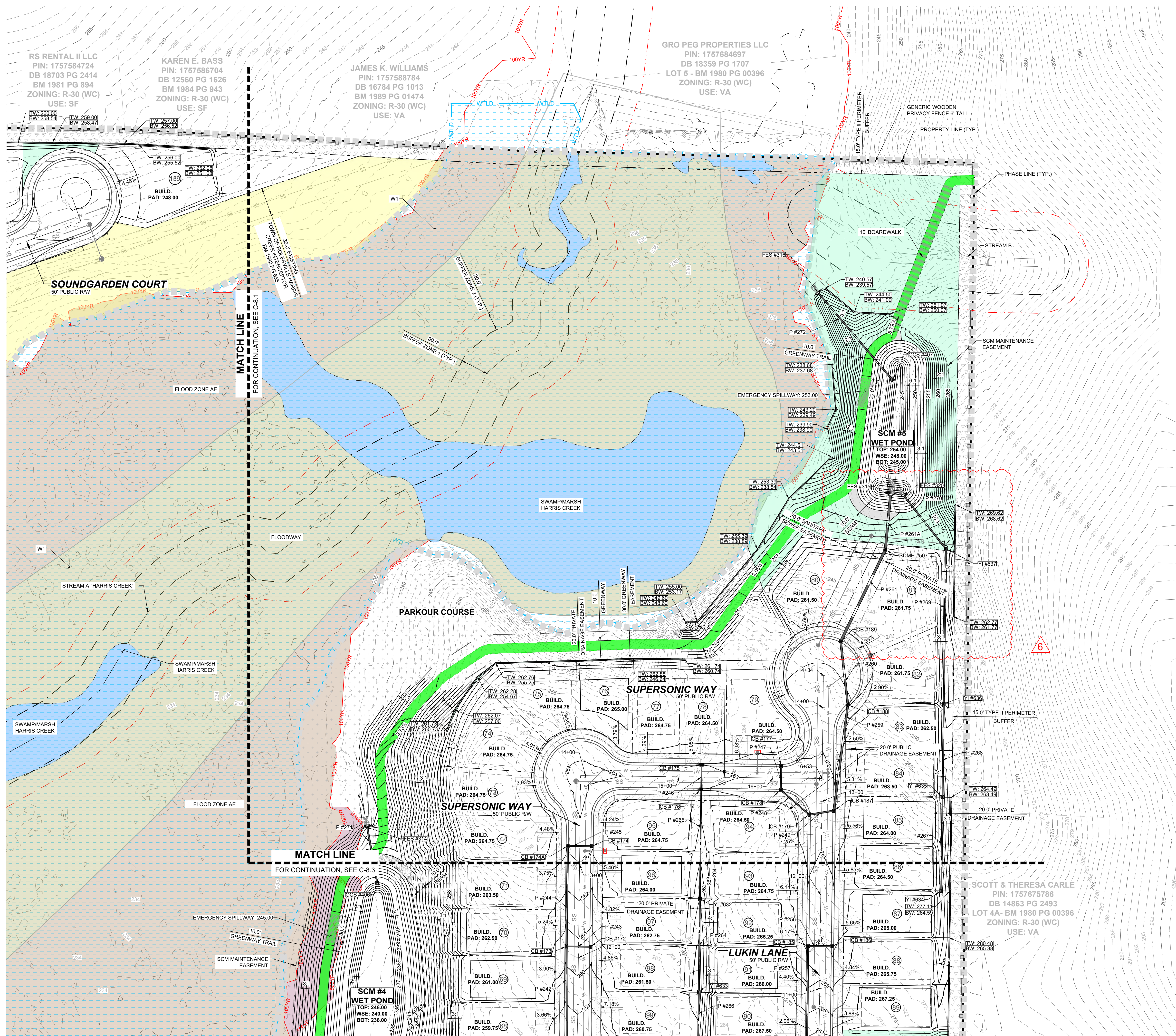
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C-8.1

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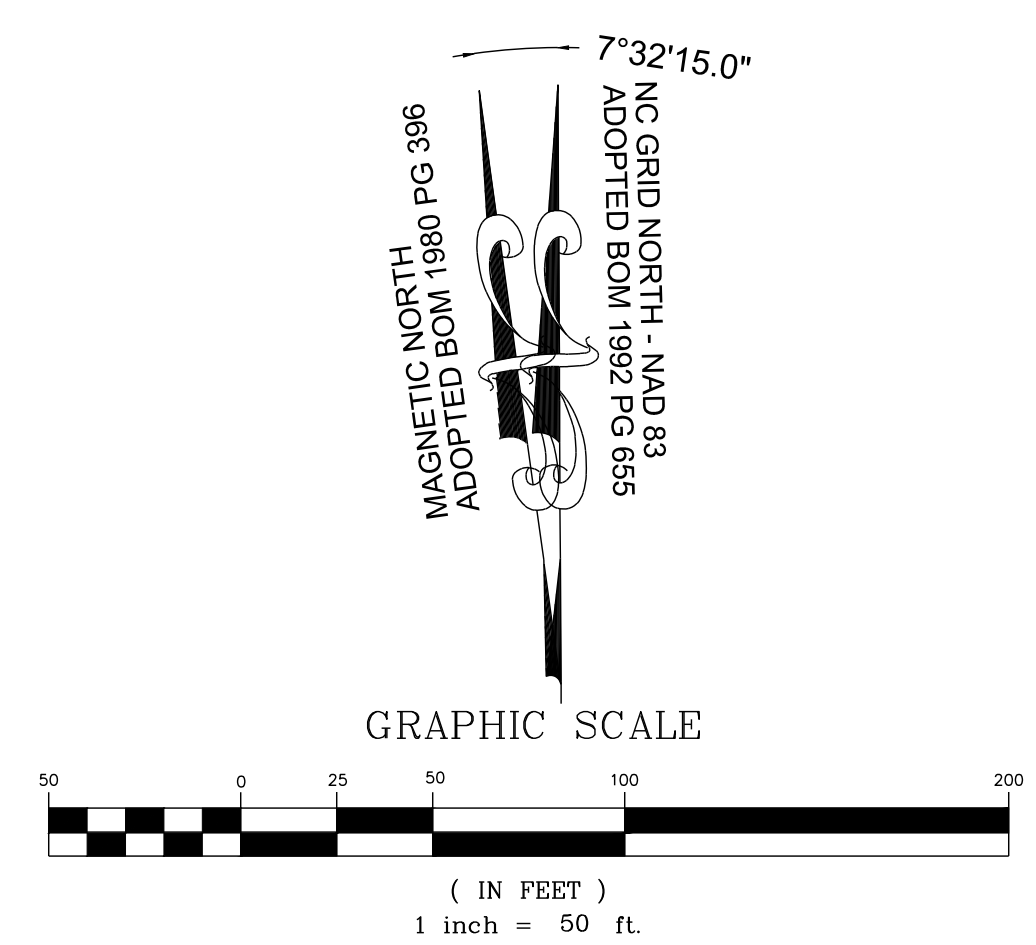


SITE KEY PLAN
LEGEND

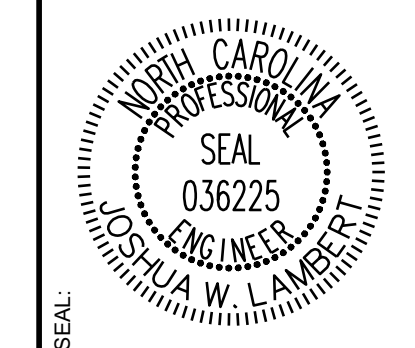
SEE SHEET C-8.0 FOR LEGEND
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



SITE KEY PLAN
LEGEND
 SEE SHEET C-8.0 FOR LEGEND



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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

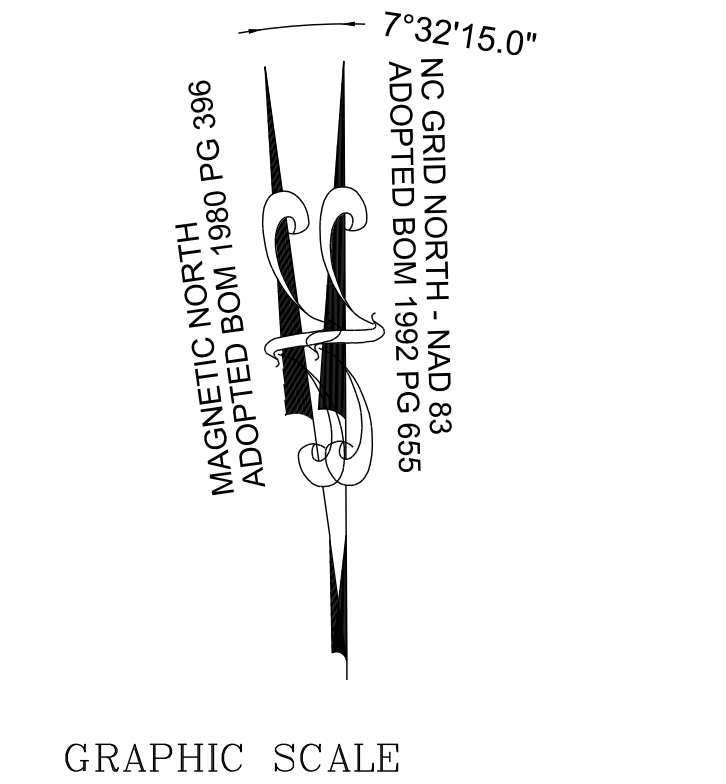
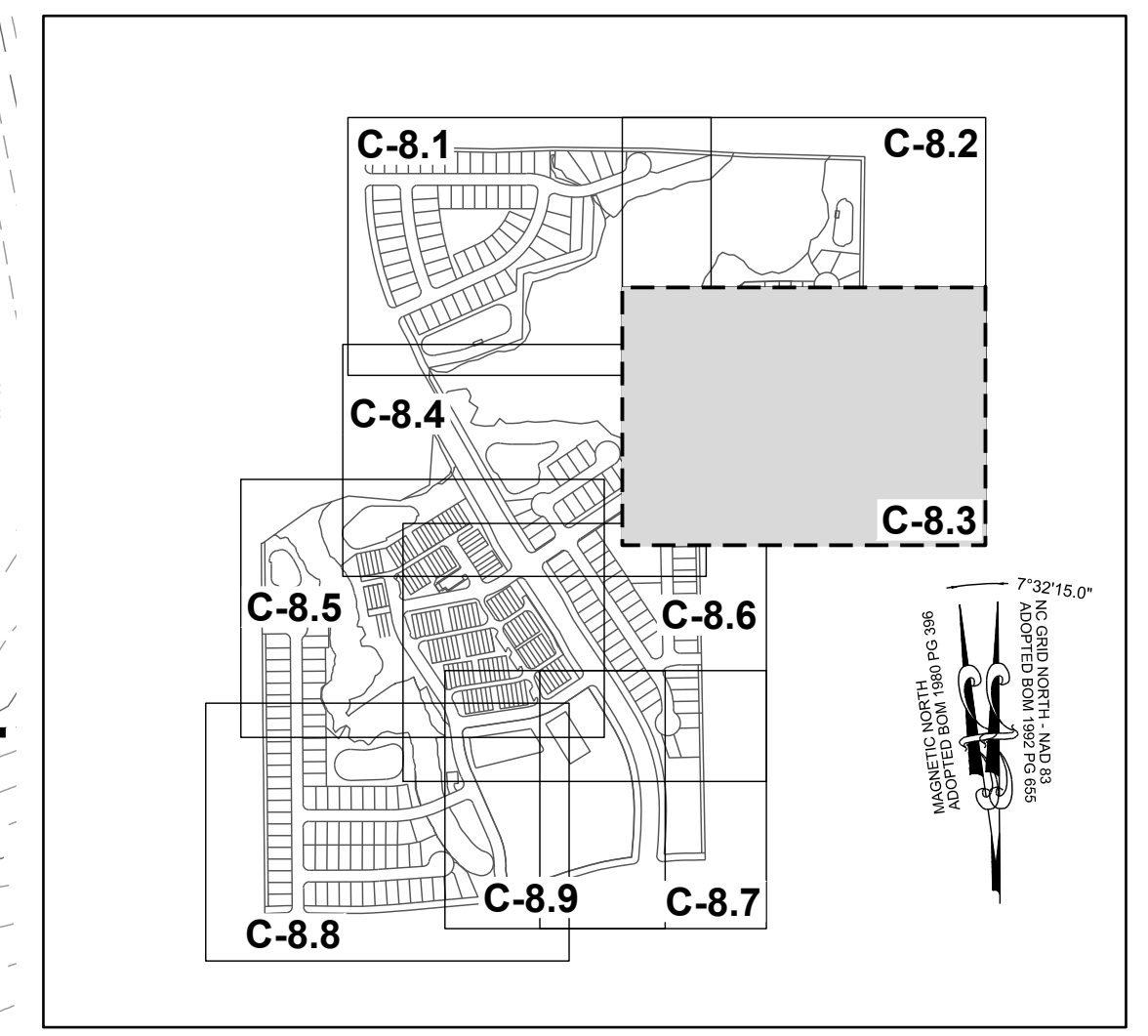
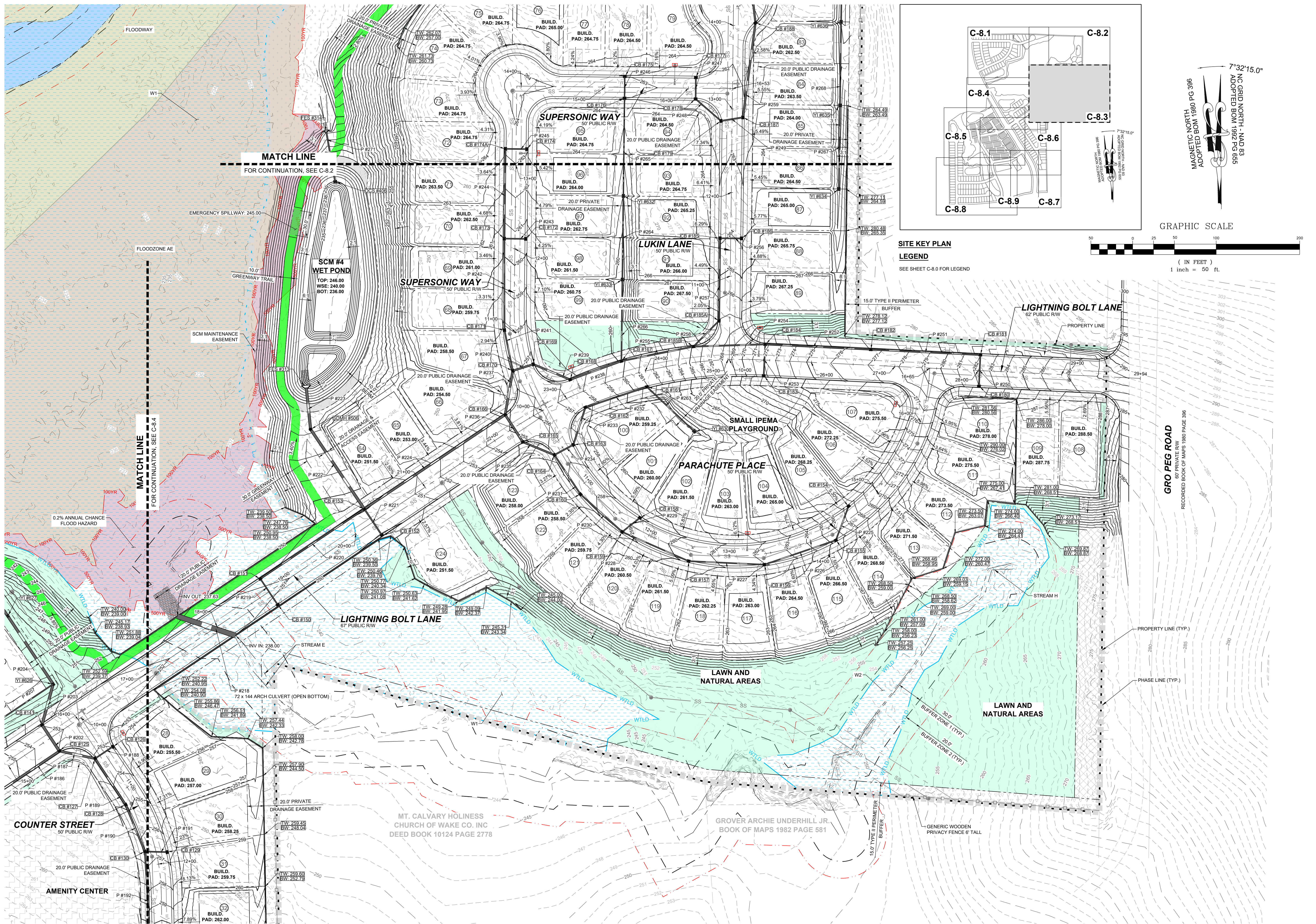
STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL GRADING AND DRAINAGE PLAN II

DRAWING SHEET
C-8.2

48 OF 82

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.

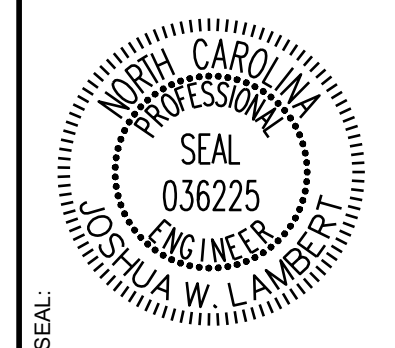


SITE KEY PLAN
LEGEND
SEE SHEET C-8.0 FOR LEGEND

MATCH LINE
FOR CONTINUATION, SEE C-8.2

MATCH LINE
FOR CONTINUATION, SEE C-8.4

No.	REVISIONS	DATE	BY
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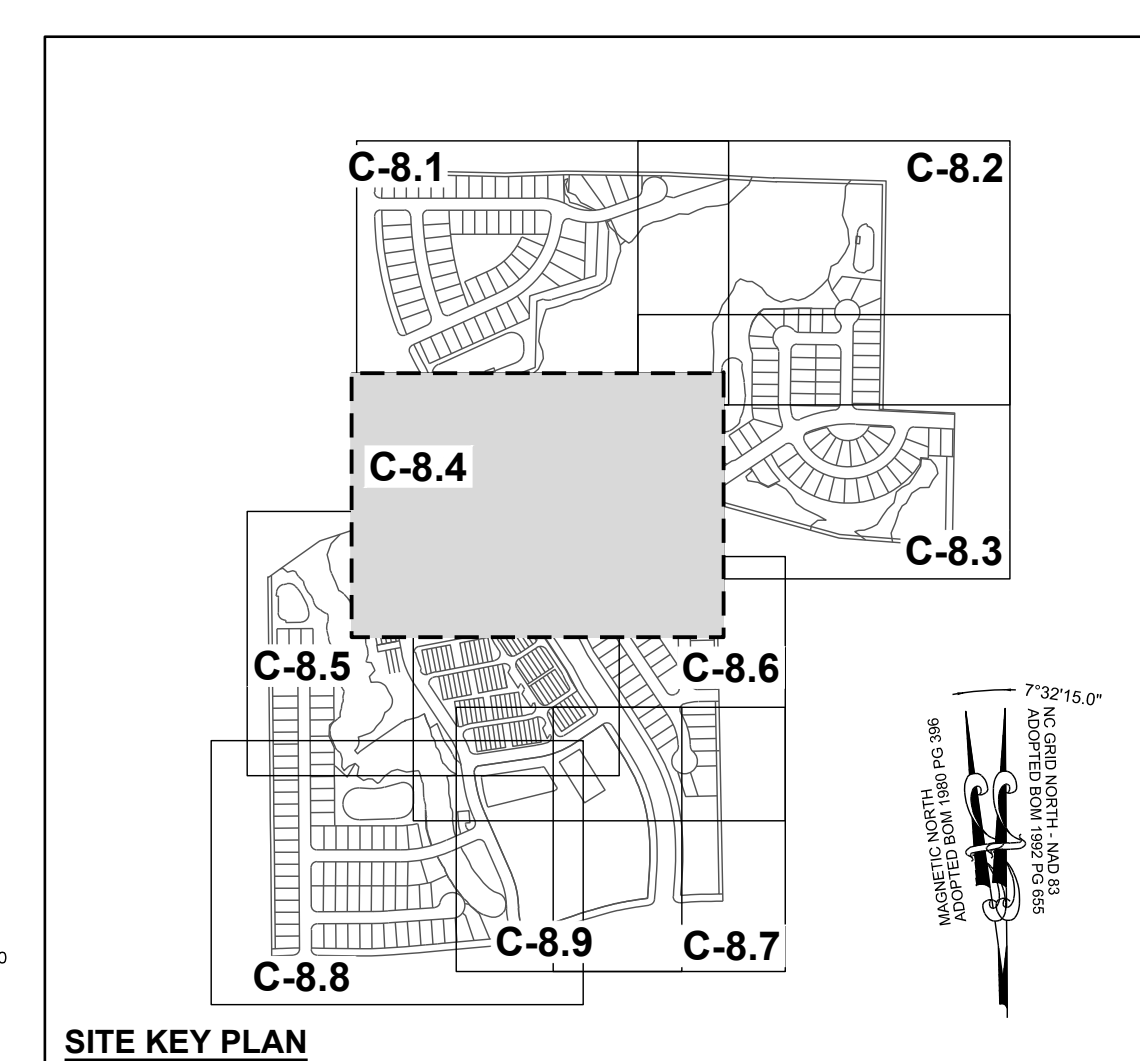
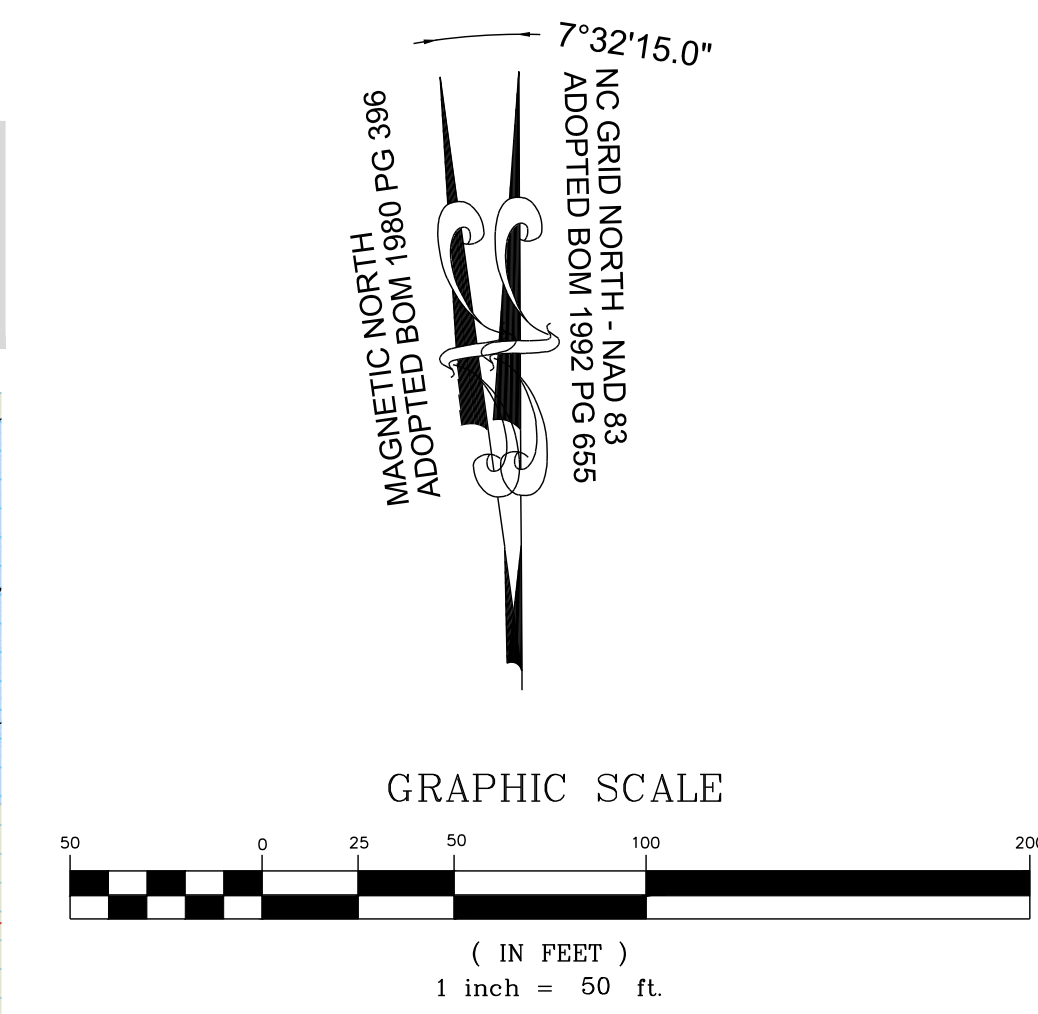
STRONG ROCK PROJECT	STRONG ROCK PROJECT P-2166
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING AND DRAINAGE PLAN III

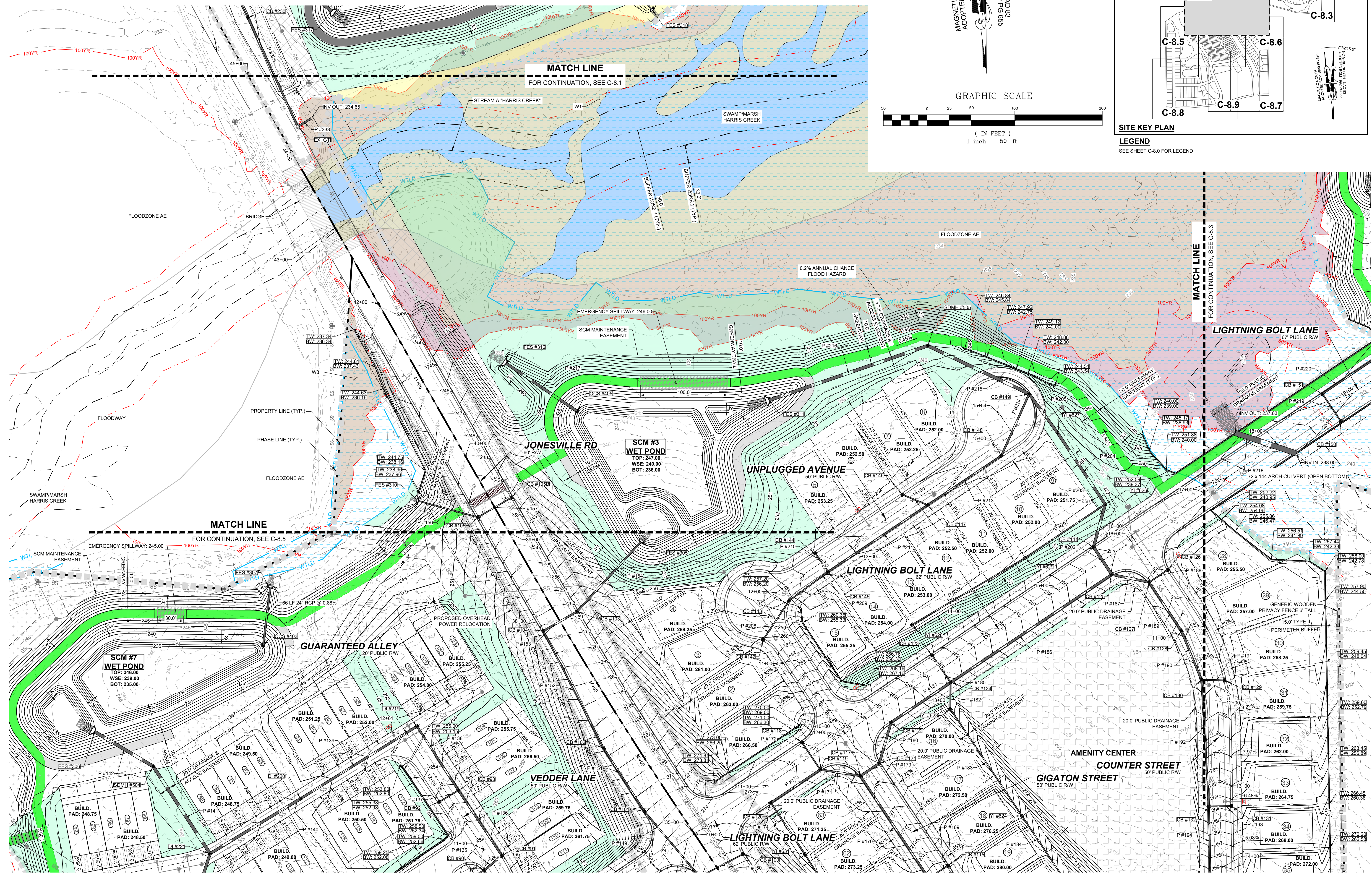
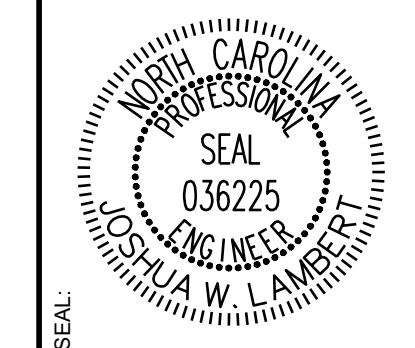
DRAWING SHEET
C-8.3

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.

TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



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SITE KEY PLAN
LEGEND
SEE SHEET C-8.9 FOR LEGEND

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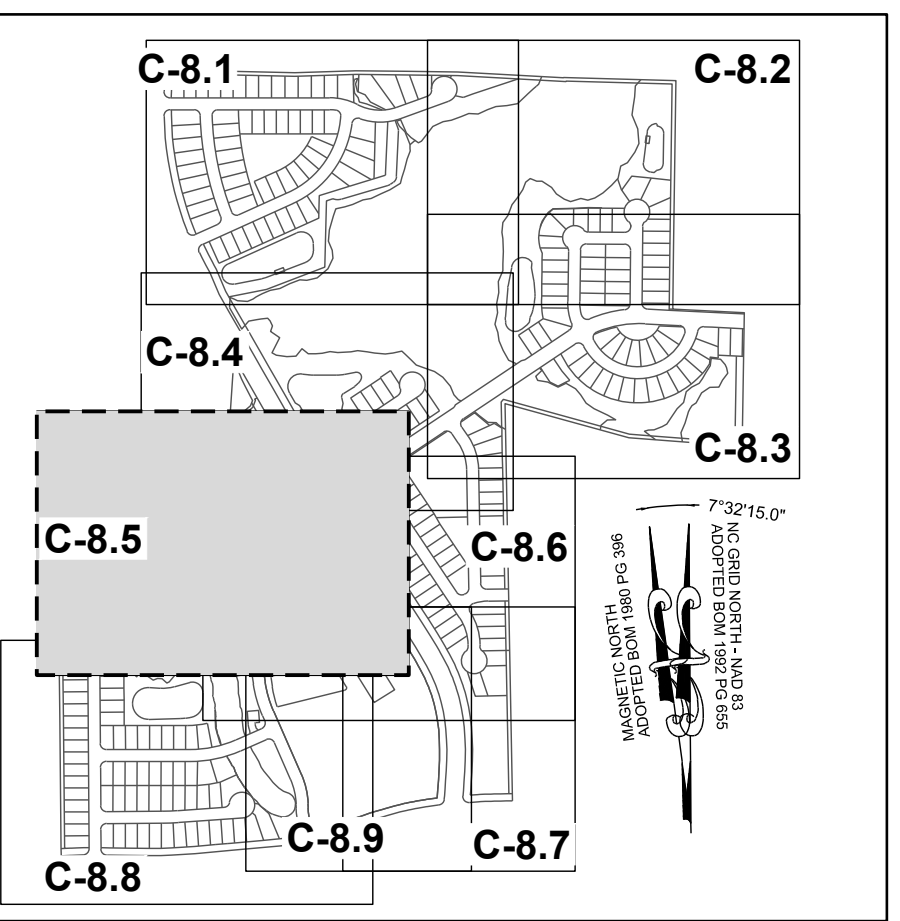
STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL GRADING AND DRAINAGE PLAN IV

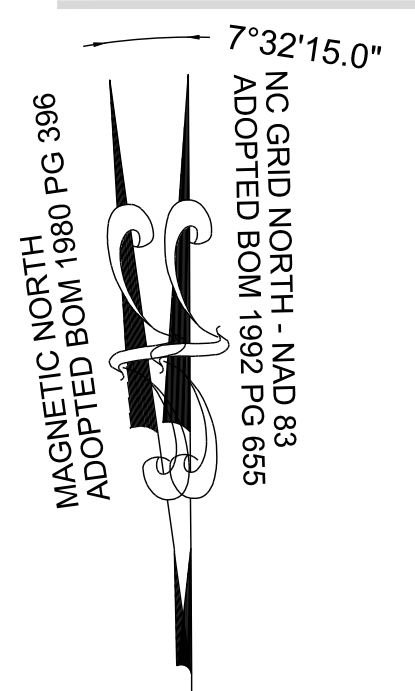
DRAWING SHEET
C-8.4

50 OF 82

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.



TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

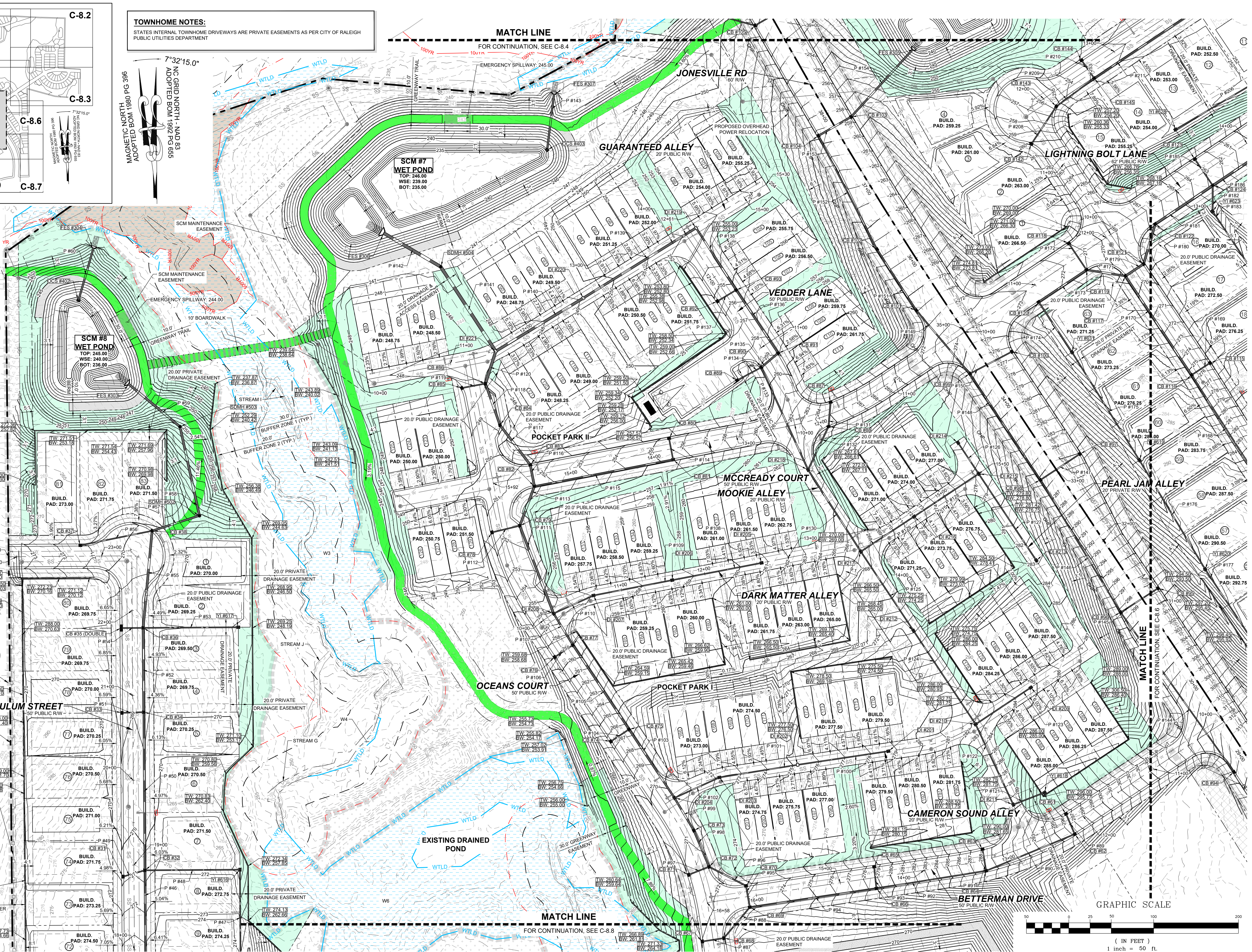


SITE KEY PLAN
LEGEND
SEE SHEET C-8.0 FOR LEGEND

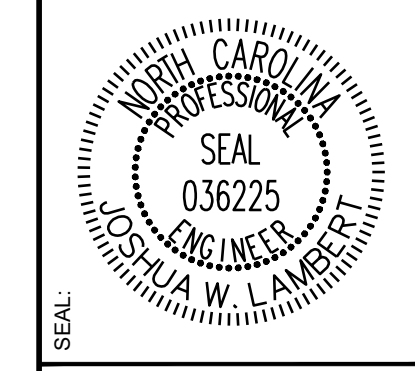
KENNETH INVESTMENT LLC.
PIN: 1757368816
DB 19248 PG 1884
ZONING: R-30 (WC)
USE: VA

MEGAN KULAWIAK
PIN: 1757367367
DB 16226 PG 1133
LOT 6
BM 1990 PG 00387
ZONING: R-30 (WC)
USE: VA

PHASE LINE (TYP.)
PROPERTY LINE (TYP.)
GENERIC WOODEN PRIVATE FENCE 6' TALL
TYPE II PERIMETER BUFFER



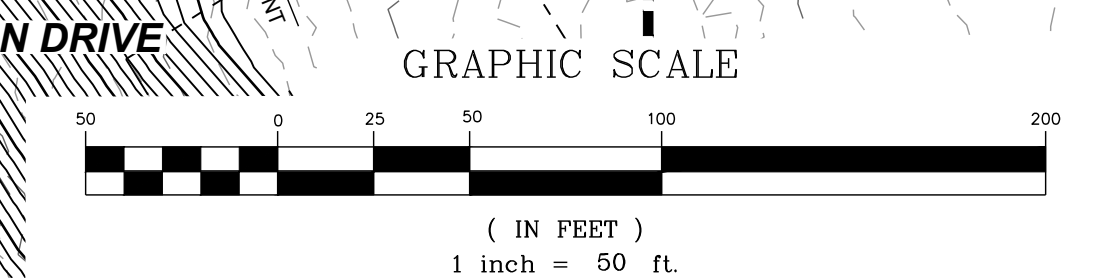
NO.	REVISIONS	DATE	BY
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03			JWL	SRG	JWL

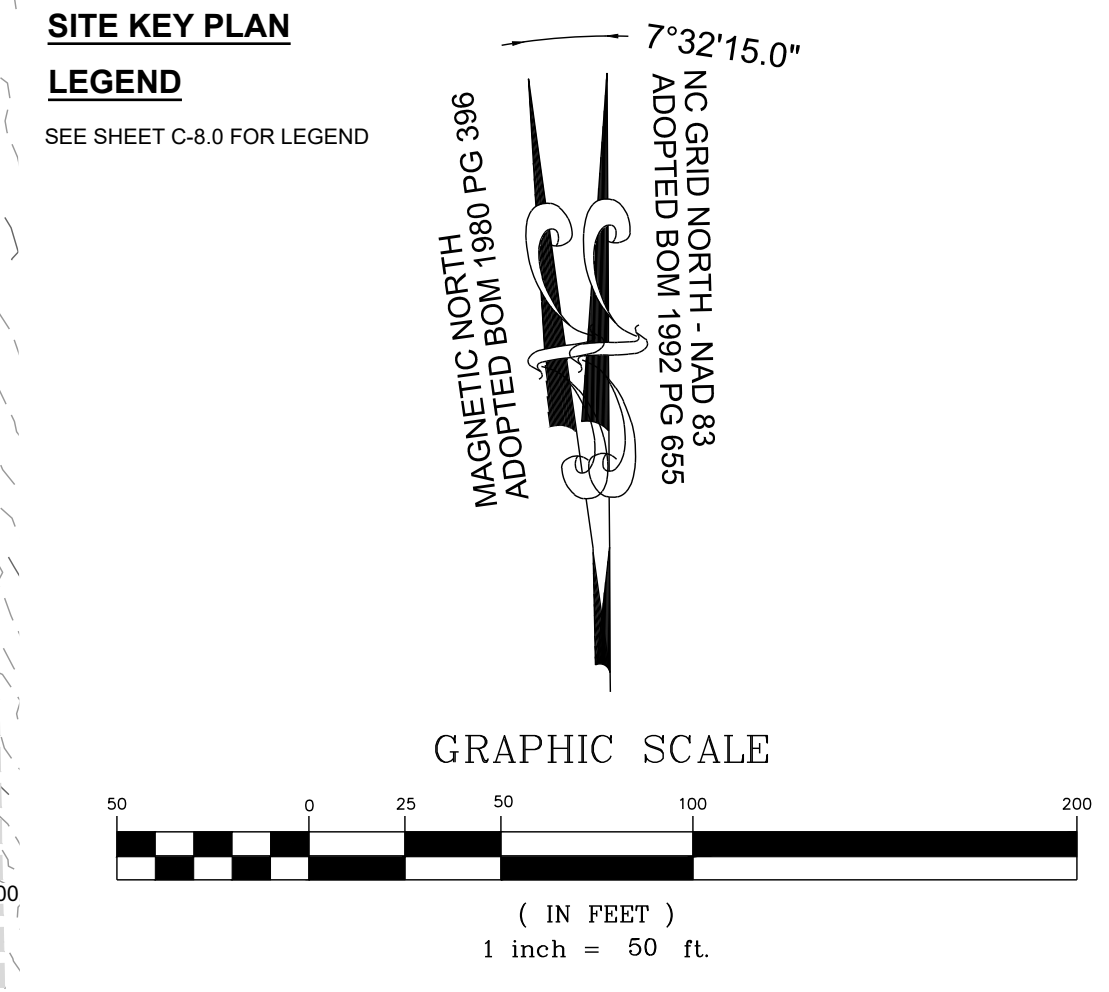
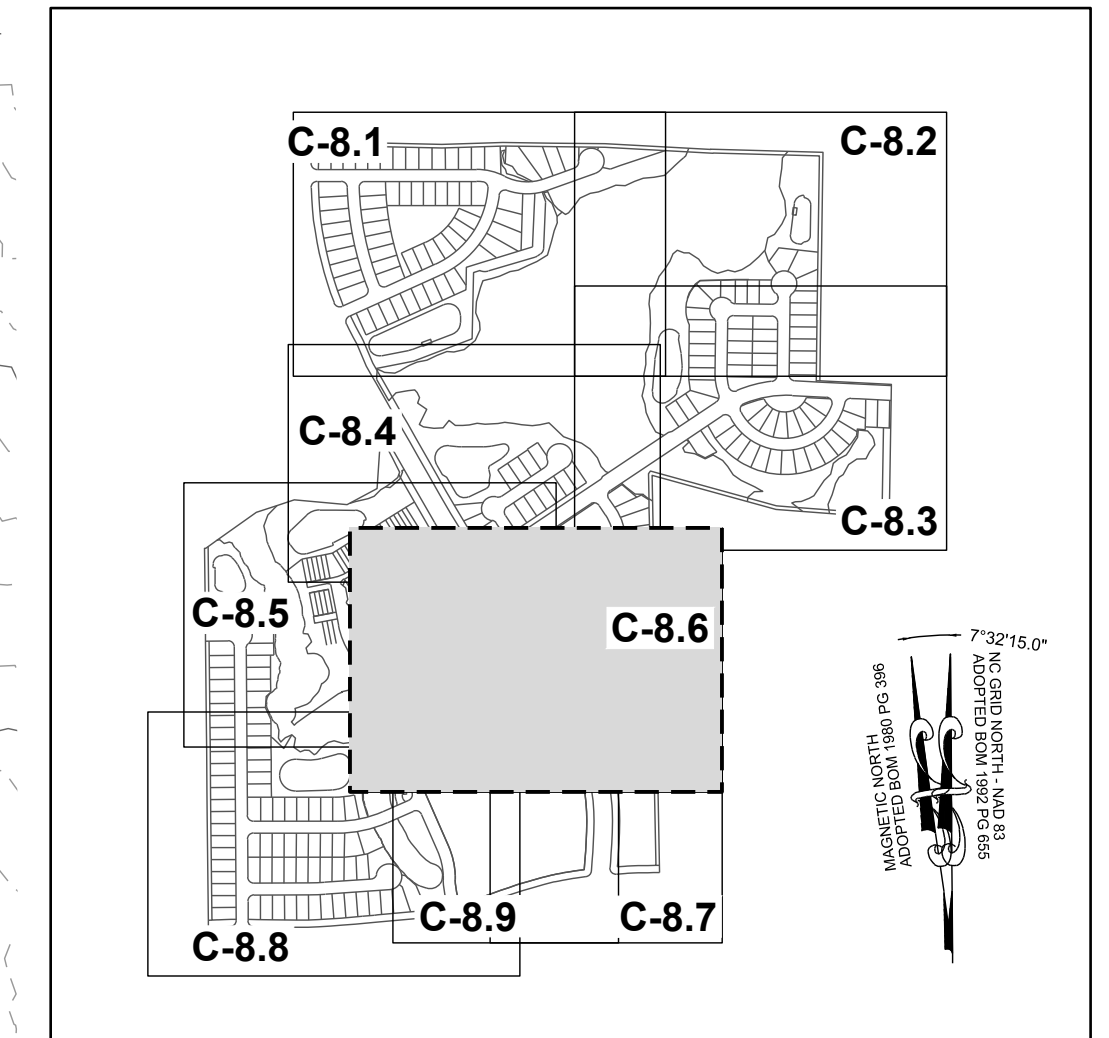
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING AND DRAINAGE PLAN V
DRAWING SHEET
C-8.5
51 OF 82



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.



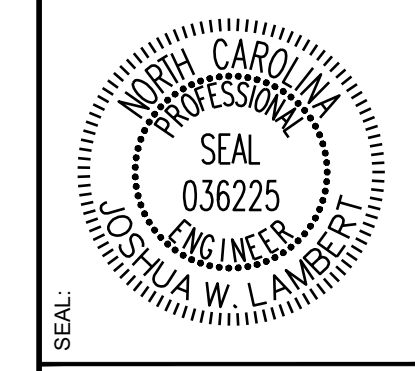
TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY
 OF RALEIGH PUBLIC UTILITIES DEPARTMENT



MATCH LINE
 FOR CONTINUATION, SEE C-8.7

MATCH LINE
 FOR CONTINUATION, SEE C-8.8

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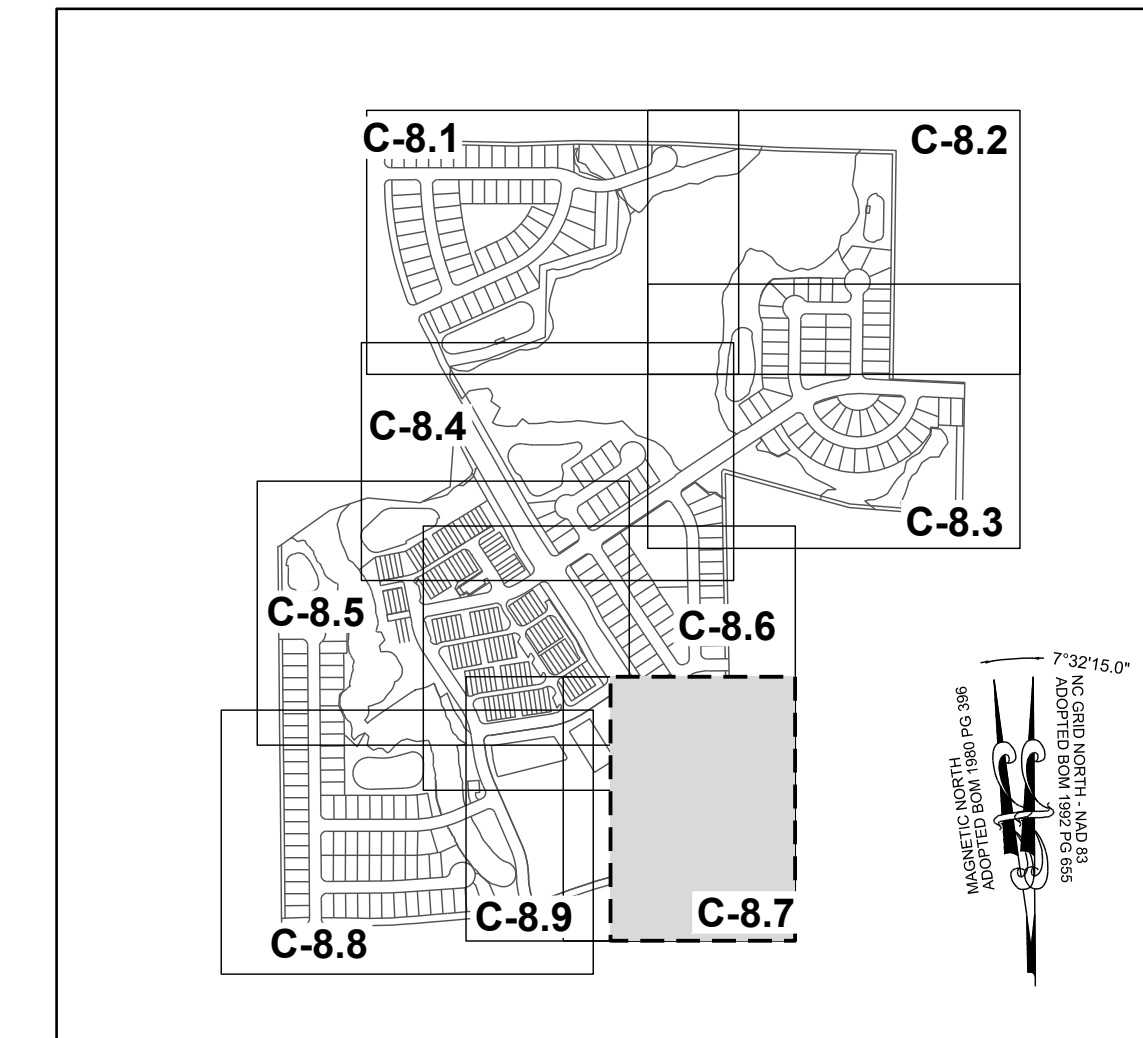
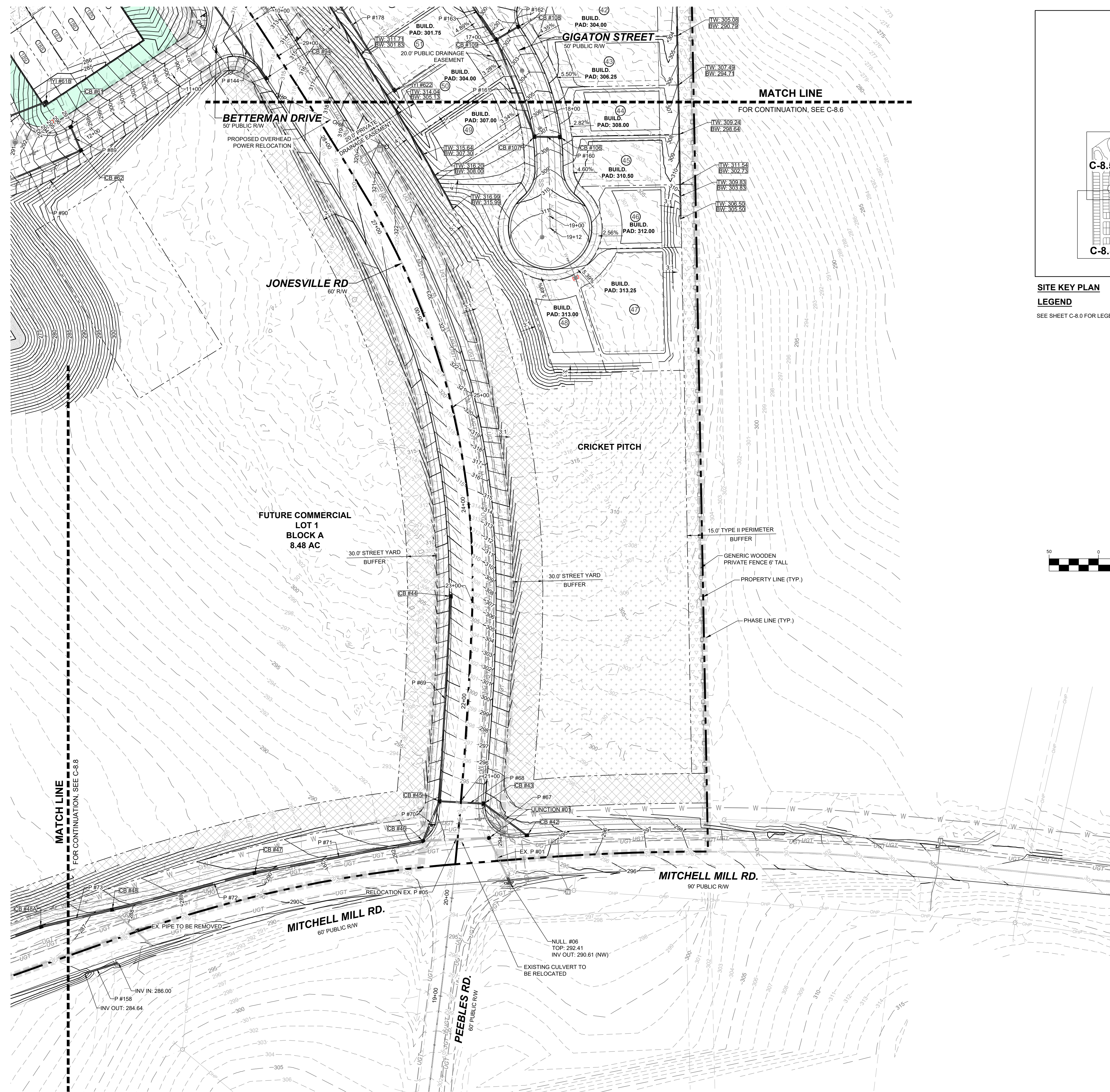
STRONG ROCK PROJECT PSP-24-03
 NOT FOR CONSTRUCTION AS SHOWN
 DESIGNED BY JWL
 DRAWN BY SRG
 CHECKED BY JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL GRADING AND DRAINAGE PLAN VI

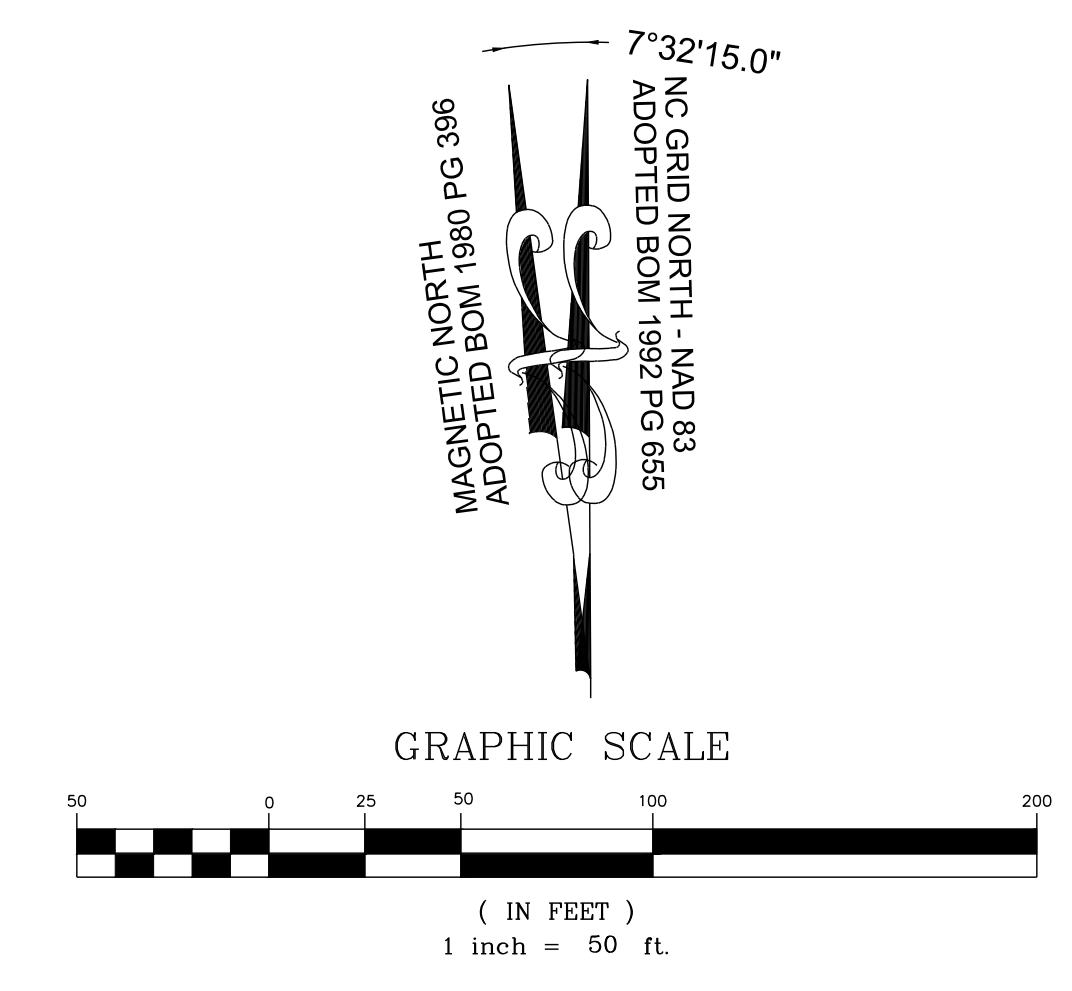
DRAWING SHEET
C-8.6

52 OF 82

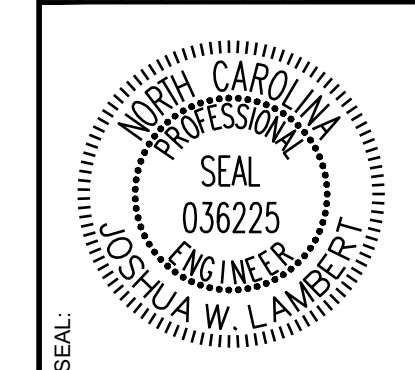
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SITE KEY PLAN
LEGEND
SEE SHEET C-8.0 FOR LEGEND



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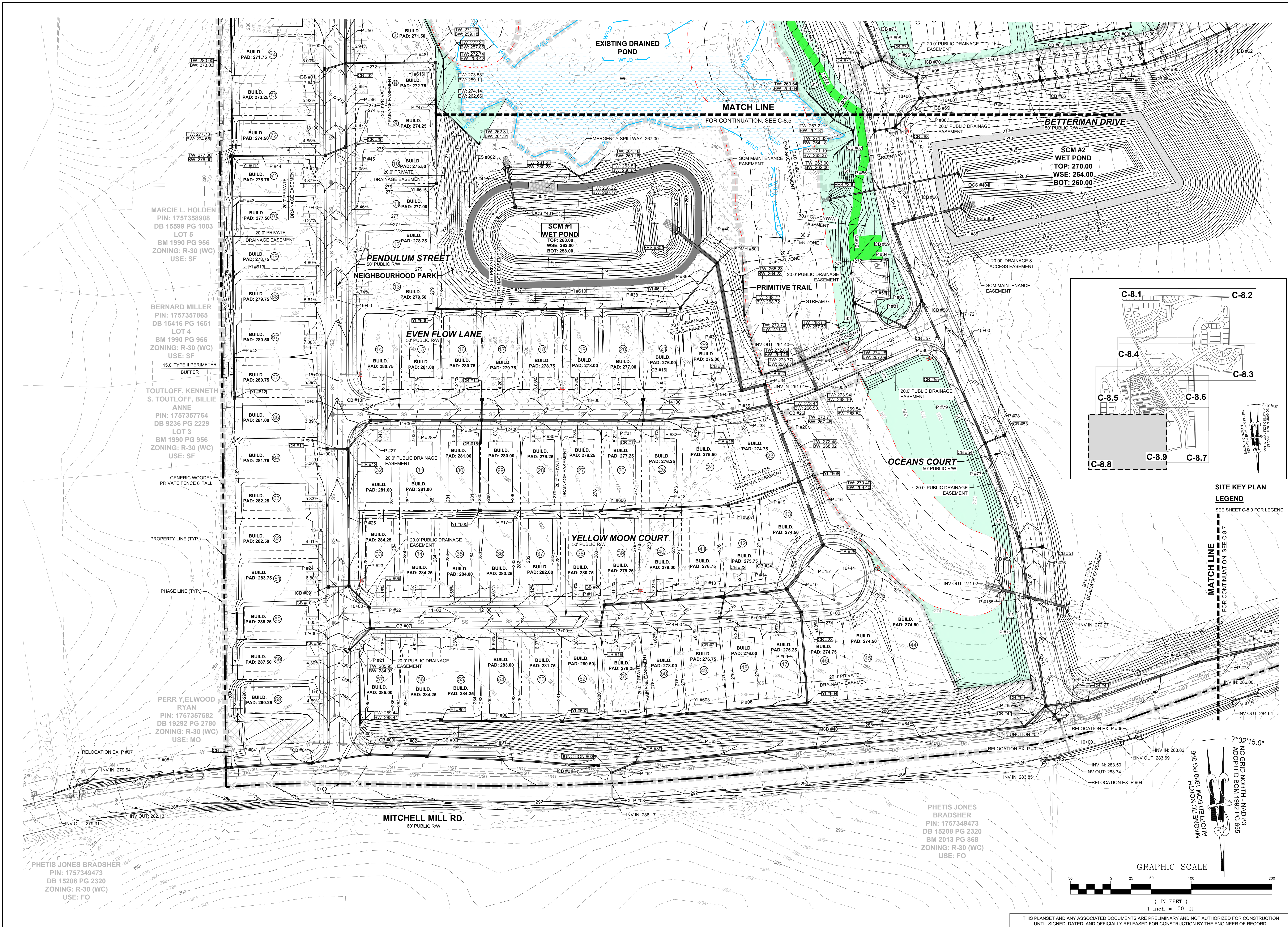
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STRONG ROCK PROJECT PSP-24-03	DESIGNED BY	JWL	SRG
NOT FOR CONSTRUCTION	DRAWN BY	JWL	
SCALE AS SHOWN	CHECKED BY		

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL GRADING AND DRAINAGE PLAN VII

DRAWING SHEET
C-8.7

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.



MARCIE L. HOLDEN
 PIN: 1757358908
 DB 15599 PG 1003
 LOT 5
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF

BERNARD MILLER
 PIN: 1757357865
 DB 15416 PG 1651
 LOT 4
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF

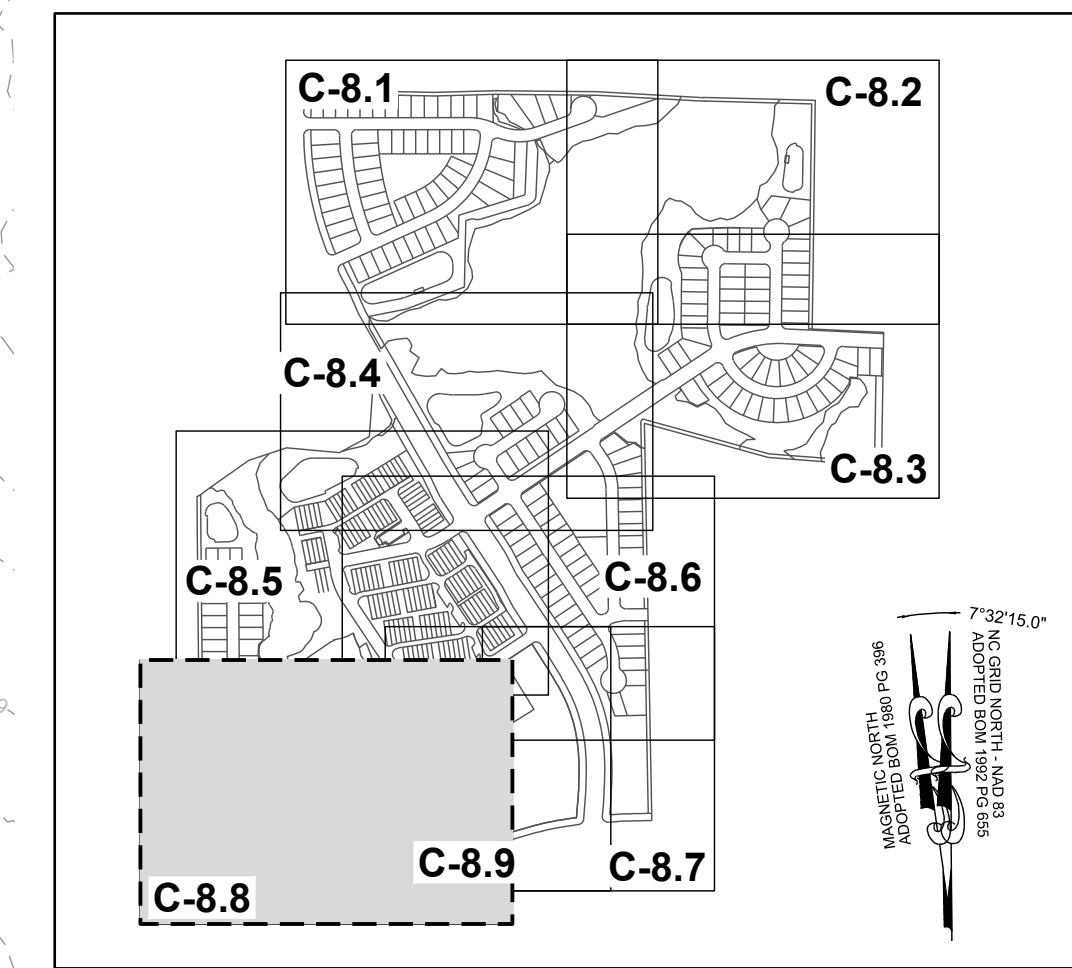
TOUTLOFF, KENNETH
 S. TOUTLOFF, BILLIE
 ANNE
 PIN: 1757357764
 DB 9236 PG 2229
 LOT 3
 BM 1990 PG 956
 ZONING: R-30 (WC)
 USE: SF

GENERIC WOODEN
 PRIVATE FENCE 6' TALL

PERR Y. ELWOOD
 RYAN
 PIN: 1757357582
 DB 19292 PG 2780
 ZONING: R-30 (WC)
 USE: MO

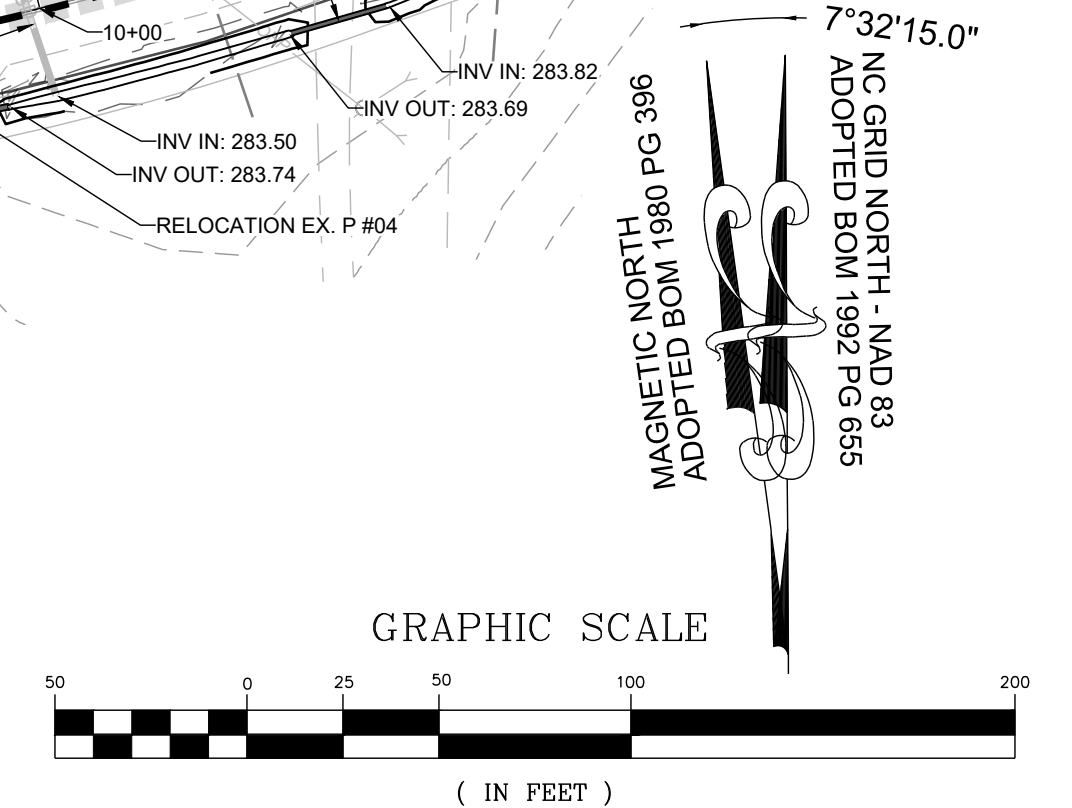
PHETIS JONES BRADSHER
 PIN: 1757349473
 DB 15208 PG 2320
 ZONING: R-30 (WC)
 USE: FO

PHETIS JONES
 BRADSHER
 PIN: 1757349473
 DB 15208 PG 2320
 BM 2013 PG 868
 ZONING: R-30 (WC)
 USE: FO



SITE KEY PLAN
LEGEND
 SEE SHEET C-8.0 FOR LEGEND

MATCH LINE
 FOR CONTINUATION, SEE C-8.7



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.

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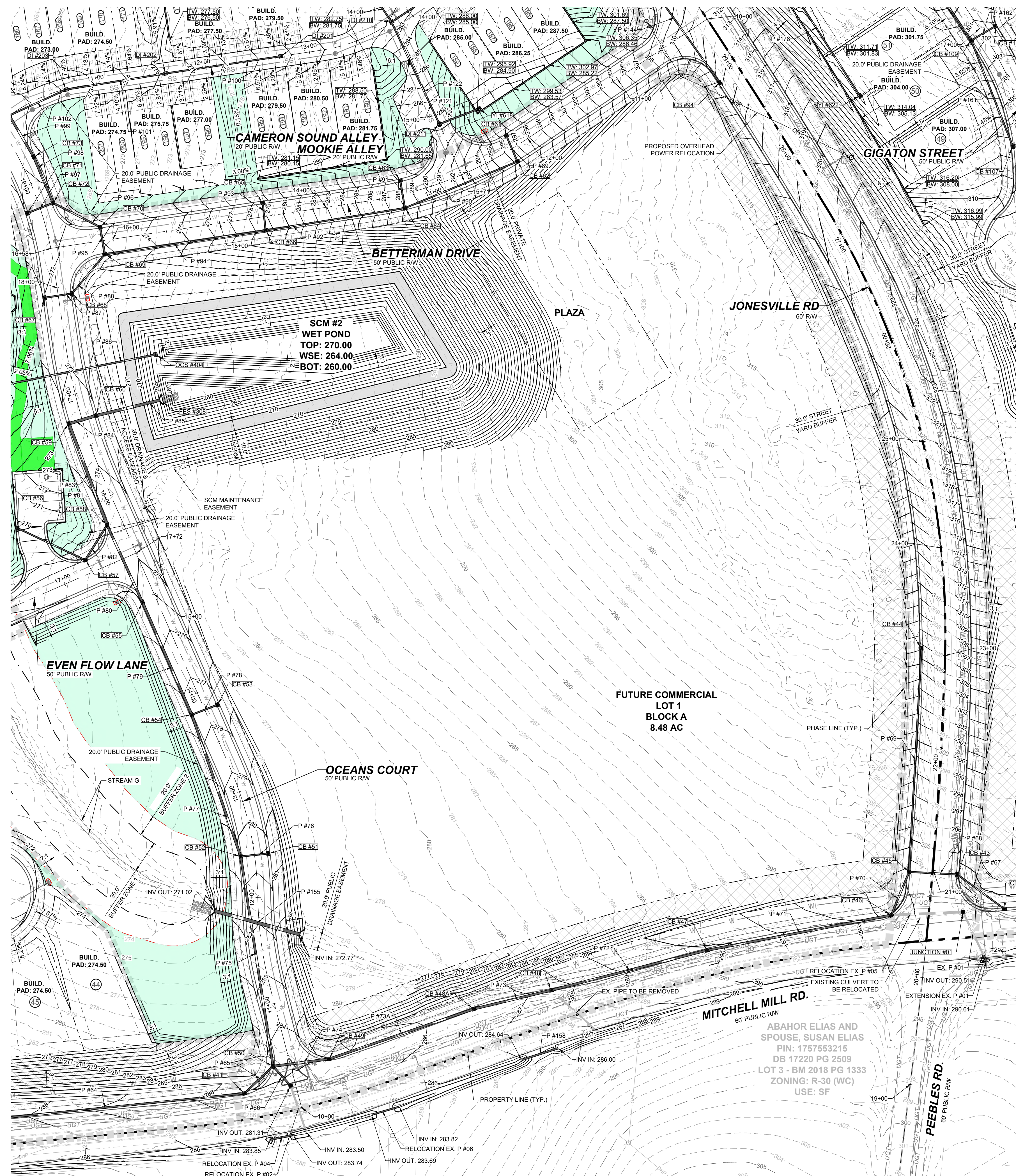


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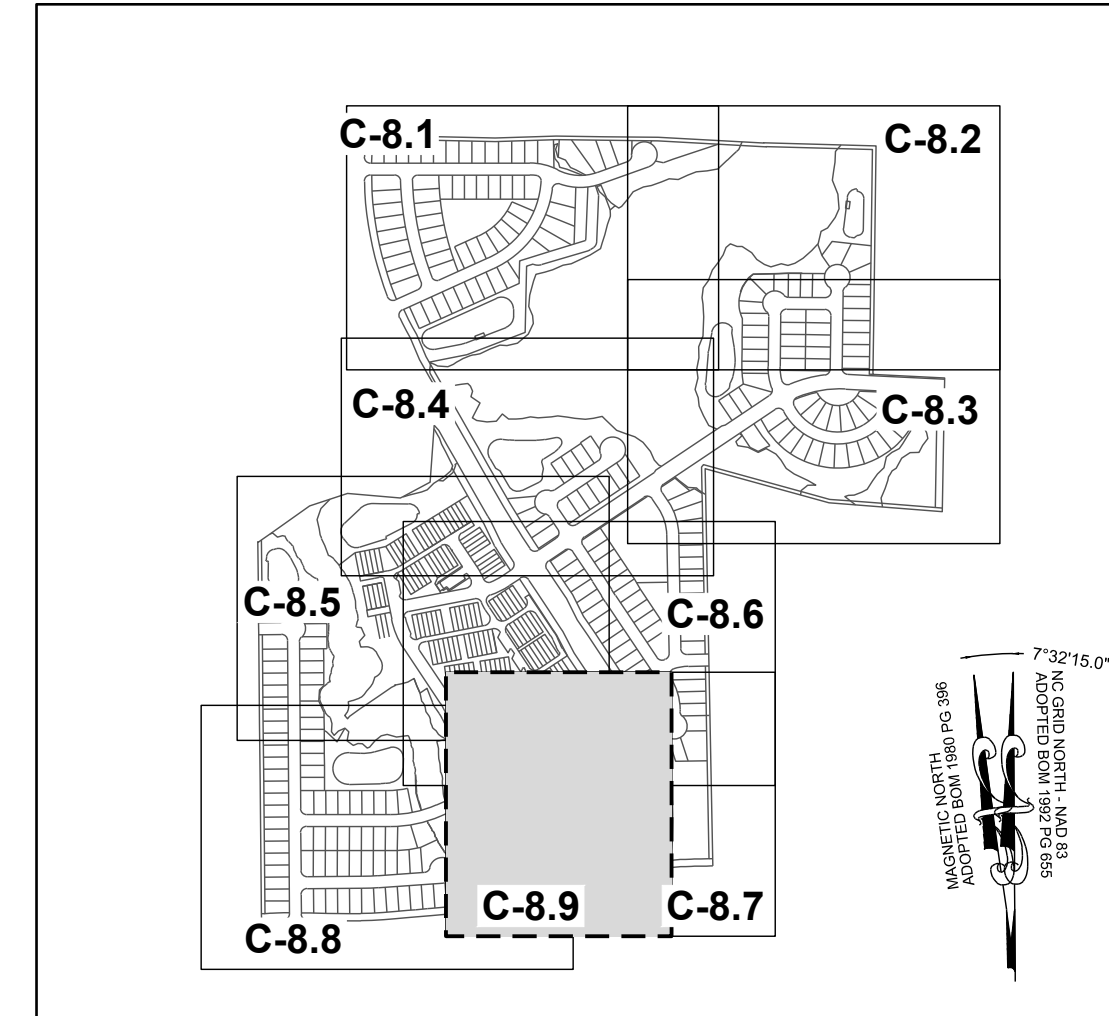
STRONG ROCK PROJECT	CONSTRUCTION	AS SHOWN	JWL	SRG	JWL
STRONG ROCK PROJECT PSP-24-03	NOT FOR CONSTRUCTION	AS SHOWN	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
 PARTIAL GRADING AND DRAINAGE PLAN VIII

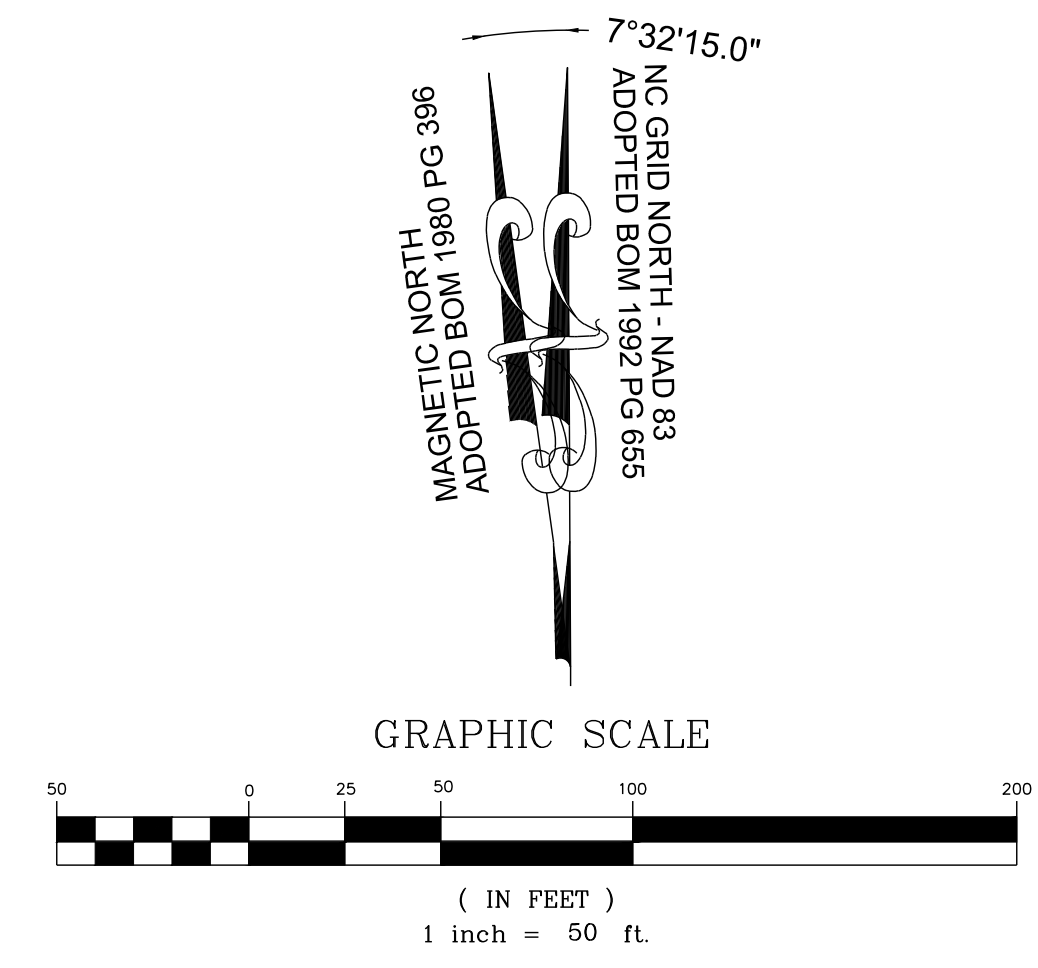
DRAWING SHEET
C-8.8



TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

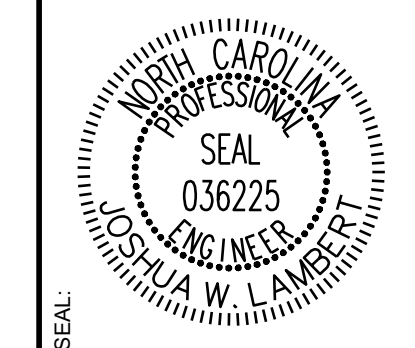


SITE KEY PLAN
LEGEND
 SEE SHEET C-8.0 FOR LEGEND



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

STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL GRADING AND DRAINAGE PLAN IX

DRAWING SHEET
C-8.9

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include EX. P #01 to P #05 and EXTENSION EX. P #01 to P #05.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #06 to P #25.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #26 to P #45.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #46 to P #65.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #66 to P #84.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #85 to P #104.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #105 to P #124.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #125 to P #144.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #145 to P #165.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #166 to P #185.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #186 to P #205.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #206 to P #225.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #226 to P #245.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #246 to P #265.

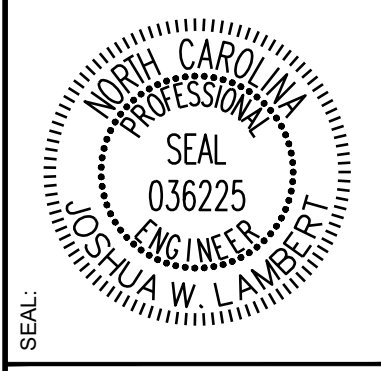
PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #266 to P #285.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #286 to P #305.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #306 to P #325.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #327 to P #332 and RELOCATION EX. P #02 to P #07.

Revision table with columns: No., Description, Date. Includes entries for PRELIMINARY SUBDIVISION PLAT, TOWN OF ROLESVILLE, etc.



STRONGROCK ENGINEERING GROUP logo and contact information: 305 CHURCH AT NORTH-HILLS STREET, SUITE 1110 RALEIGH, NC 27609.

Project information table with columns: PROJECT, SCALE, DESIGNED BY, DRAWN BY, CHECKED BY.

RESERVE @ MITCHELL MILL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA PRELIMINARY SUBDIVISION PLAT STORM DRAINAGE TABLES

DRAWING SHEET C-8.10

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #01 through CB #20.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #21 through CB #40.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #41 through CB #59.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #60 through CB #79.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #80 through CB #99.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #100 through CB #117.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #118 through CB #137.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #138 through CB #157.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #158 through CB #176.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #177 through CB #196.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #197 through CB #216.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #217 through CB #231.

CATCH BASIN TABLE with columns CB NO, SIZE, TOP, INV. IN, INV. OUT. Rows include CB #232 and EX. GTI.

OCS TABLE with columns OCS NO, SIZE, TOP, INV. OUT. Rows include OCS #401 through OCS #408.

DROP INLET TABLE with columns DI NO, SIZE, TOP, INV. IN, INV. OUT. Rows include DI #201 through DI #221.

FES TABLE with columns FES NO, SIZE, TOP, INV. IN, INV. OUT. Rows include FES #301 through FES #310.

FES TABLE with columns FES NO, SIZE, TOP, INV. IN, INV. OUT. Rows include FES #311 through FES #320.

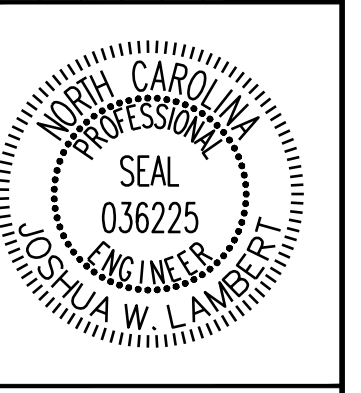
YARD INLET TABLE with columns YI NO, SIZE, TOP, INV. IN, INV. OUT. Rows include YI #633 through YI #647.

YARD INLET TABLE with columns YI NO, SIZE, TOP, INV. IN, INV. OUT. Rows include YI #601 through YI #616.

YARD INLET TABLE with columns YI NO, SIZE, TOP, INV. IN, INV. OUT. Rows include YI #617 through YI #632.

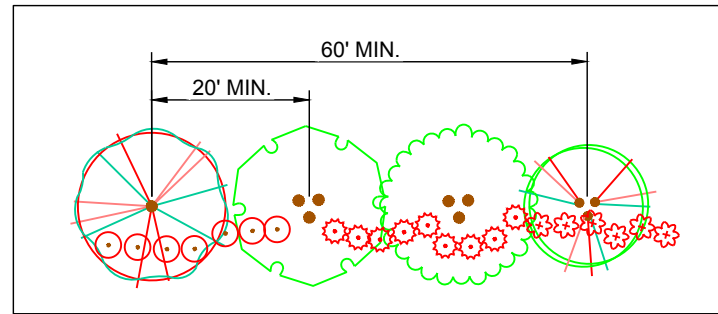
SDMH TABLE with columns SDMH NO, SIZE, TOP, INV. IN, INV. OUT. Rows include JUNCTION #01 through SDMH #506.

Revision table with columns NO., DATE, REVISIONS. Includes entries for PRELIMINARY SUBDIVISION PLAT P-24-03.



STRONG ROCK ENGINEERING GROUP logo and contact information: 305 CHURCH AT NORTH-HILLS STREET, SUITE 1110 RALEIGH, NC 27609. Includes website and email.

Project title block: RESERVE @ MITCHELL MILL, TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA. PRELIMINARY SUBDIVISION PLAT. STORM DRAINAGE TABLES. DRAWING SHEET C-8.11.



30' STREET YARD BUFFER

NOTES:
SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS

LANDSCAPING NOTES:
1. BUFFERS SHALL BE PLATTED AS SEPARATE TRACTS TO BE OWNED AND MAINTAINED BY THE HOA OR SIMILAR ENTITY.
2. OPEN SPACE RECORDED AS A CONSERVATION EASEMENT SHALL BE INDICATED ON ALL DEVELOPMENT APPROVALS.

TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT.

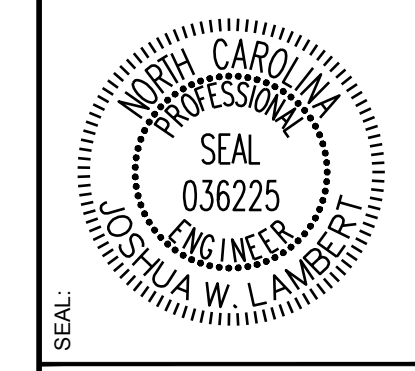
PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
STREET TREES								
	ACE FLD	51	ACER FLORIDANUM	SOUTHERN SUGAR MAPLE	12' HT.	B&B	3.0"	40' OC
	ACE SCR	57	ACER X FREEMANI 'SCARSEN'	SCARLET SENTINEL® RED MAPLE	12' HT.	B&B	3.0"	40' OC
	CAR FST	20	CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	12' HT.	B&B	3.0"	40' OC
	CLA LUT	39	CLADRASTIS LUTEA	AMERICAN YELLOWWOOD	12' HT.	B&B	3.0"	40' OC
	GIN AUT	28	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD MAIDENHAIR TREE	12' HT.	B&B	3.0"	40' OC
	GLE TTI	37	GLEDITSIA TRIACANTHOS F. INERMIS	THORNLESS HONEY LOCUST	12' HT.	B&B	3.0"	40' OC
	NYS SYL	40	NYSSA SYLVATICA	TUPELO	12' HT.	B&B	3.0"	40' OC
	PIS SAR	43	PISTACIA CHINENSIS 'SARAH'S RADIANCE'	SARAH'S RADIANCE CHINESE PISTACHE	12' HT.	B&B	3.0"	40' OC
	PLA OCC	25	PLATANUS OCCIDENTALIS	AMERICAN SYCAMORE	12' HT.	B&B	3.0"	40' OC
	QUE CEN	45	QUERCUS BICOLOR 'BONNIE AND MIKE'	BEACON® OAK	12' HT.	B&B	3.0"	40' OC
	QUE UIY	27	QUERCUS HEMISPHERICA 'QHMT'	AVALYN™ LAUREL OAK	12' HT.	B&B	3.0"	40' OC
	QUE SHU	46	QUERCUS SHUMARDII	SHUMARD OAK	12' HT.	B&B	3.0"	40' OC
	TIL AME	54	TILIA AMERICANA	AMERICAN LINDEN	12' HT.	B&B	3.0"	40' OC
SUBTOTAL:		512						
UNDERSTORY BUFFER								
	AME LKG	49	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY MULTI-TRUNK	8' HT.	B&B	3.0"	MULTI STEM
	CAR OCR	62	CARPINUS CAROLINIANA 'ORANGE CRUSH'	ORANGE CRUSH AMERICAN HORNBEAM	7' HT.	B&B	3.0"	MULTI STEM
	CHI VIR	50	CHIONANTHUS VIRGINICUS	WHITE FRINGETREE	6' HT.	B&B	3.0"	MULTI STEM
	LAG PXC	15	LAGERSTROEMIA INDICA X FAURIEI 'APALACHEE'	APALACHEE CRAPE MYRTLE	6' HT.	B&B	3.0"	MULTI STEM
	LAG OTN	62	LAGERSTROEMIA INDICA X FAURIEI 'COMANCHE'	COMANCHE CRAPE MYRTLE	6' HT.	B&B	3.0"	MULTI STEM
	LAG TON	16	LAGERSTROEMIA INDICA X FAURIEI 'TONTON'	TONTON CRAPE MYRTLE MULTI-TRUNK	6' HT.	B&B	3.0"	MULTI STEM
SUBTOTAL:		254						

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	DETAIL
	ILE CON	475	ACER FLORIDANUM	CONVEX-LEAVED JAPANESE HOLLY	2' HT.	POT	48' O.C.	
	LOR 'C	512	LOROPETALUM CHINENSE RUBRUM 'CAROLINA MIDNIGHT'	CAROLINA MIDNIGHT FRINGE FLOWER	2' HT.	POT	48' O.C.	
	PRU CSL	499	PRUNUS LUSITANICA 'ANGUSTIFOLIA'	PORTUGAL LAUREL	3 GAL.	POT	48' O.C.	
SUBTOTAL:		1486						



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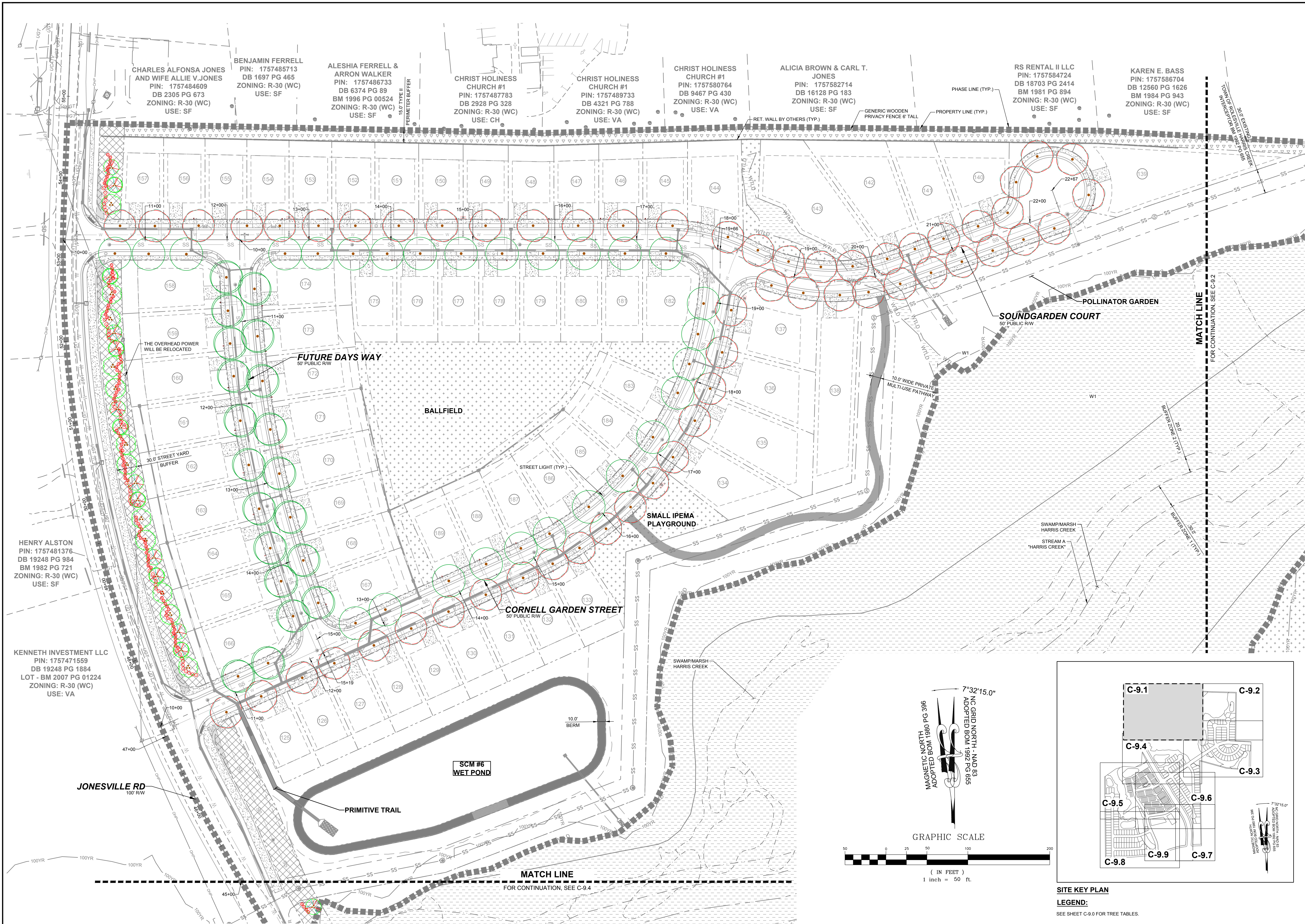


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ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT P-21-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL LANDSCAPE 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.



CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES
PIN: 1757484609
DB 2305 PG 673
ZONING: R-30 (WC)
USE: SF

BENJAMIN FERRELL
PIN: 1757485713
DB 1697 PG 465
ZONING: R-30 (WC)
USE: SF

ALESHIA FERRELL & ARRON WALKER
PIN: 1757486733
DB 6374 PG 89
BM 1996 PG 00524
ZONING: R-30 (WC)
USE: SF

CHRIST HOLINESS CHURCH #1
PIN: 1757487783
DB 2928 PG 328
ZONING: R-30 (WC)
USE: CH

CHRIST HOLINESS CHURCH #1
PIN: 1757489733
DB 4321 PG 788
ZONING: R-30 (WC)
USE: VA

CHRIST HOLINESS CHURCH #1
PIN: 1757580764
DB 9467 PG 430
ZONING: R-30 (WC)
USE: VA

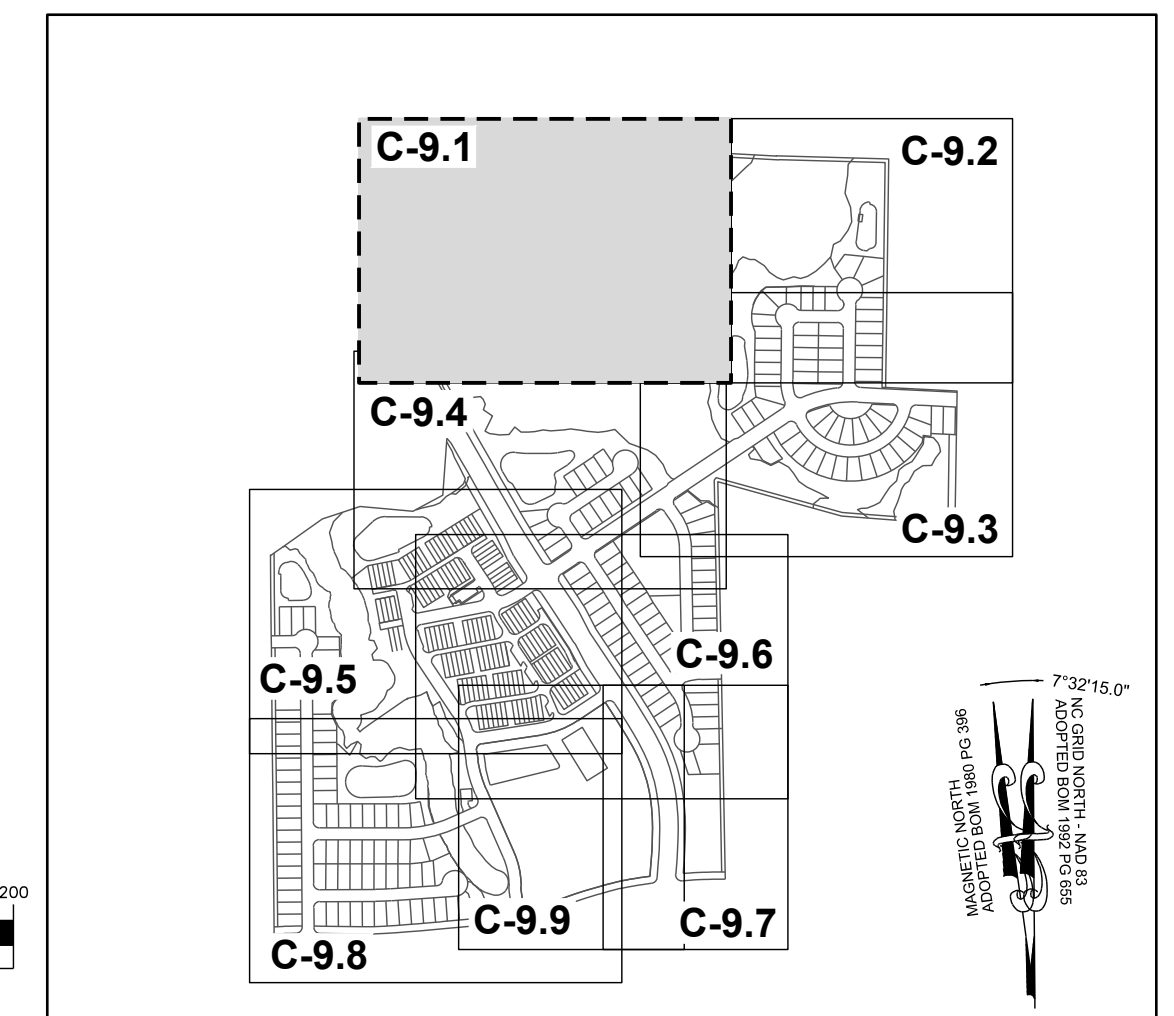
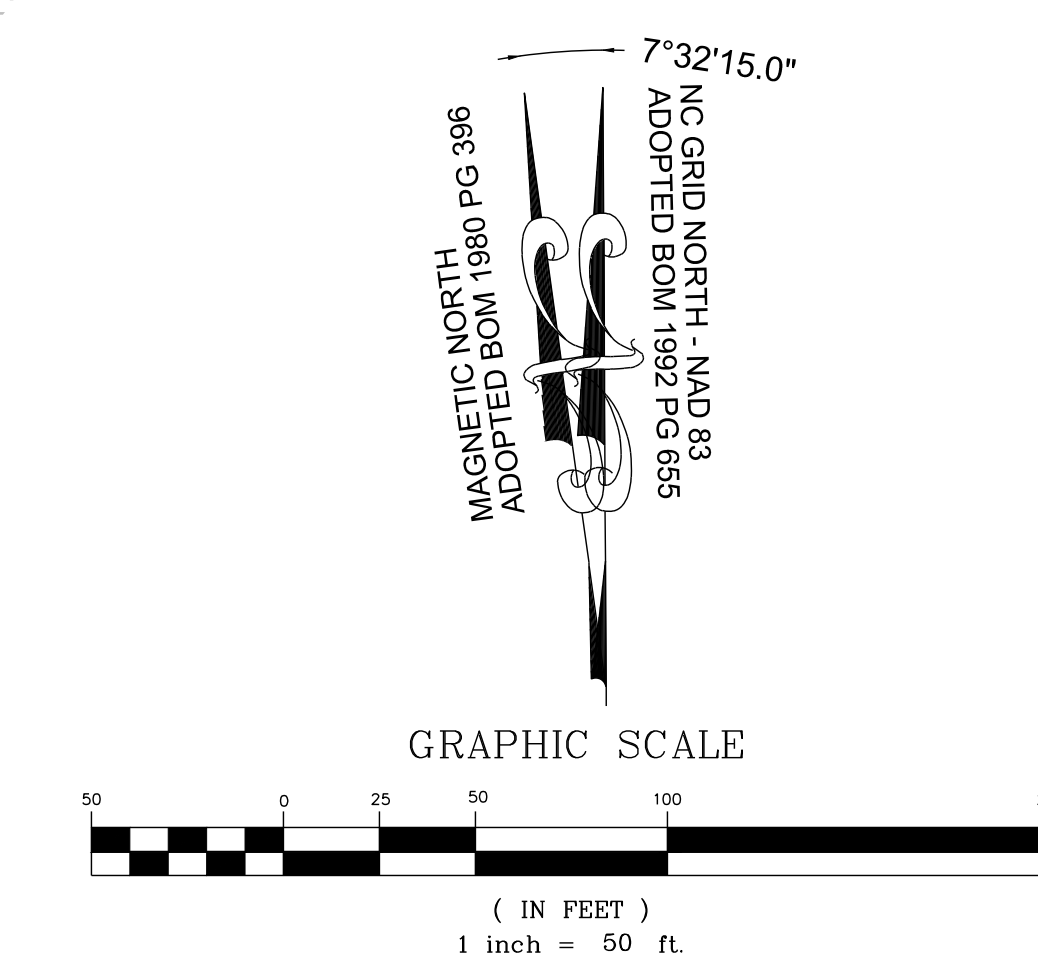
ALICIA BROWN & CARL T. JONES
PIN: 1757582714
DB 16128 PG 183
ZONING: R-30 (WC)
USE: SF

RS RENTAL II LLC
PIN: 1757584724
DB 18703 PG 2414
BM 1981 PG 894
ZONING: R-30 (WC)
USE: SF

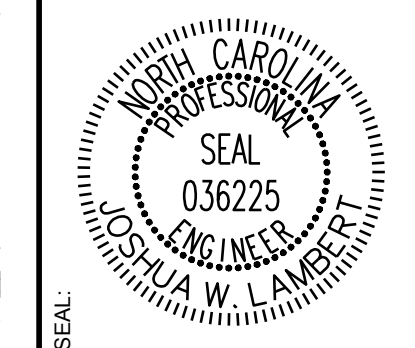
KAREN E. BASS
PIN: 1757586704
DB 12560 PG 1626
BM 1984 PG 943
ZONING: R-30 (WC)
USE: SF

HENRY ALSTON
PIN: 1757481376
DB 19248 PG 984
BM 1982 PG 721
ZONING: R-30 (WC)
USE: SF

KENNETH INVESTMENT LLC
PIN: 1757471559
DB 19248 PG 1884
LOT - BM 2007 PG 01224
ZONING: R-30 (WC)
USE: VA



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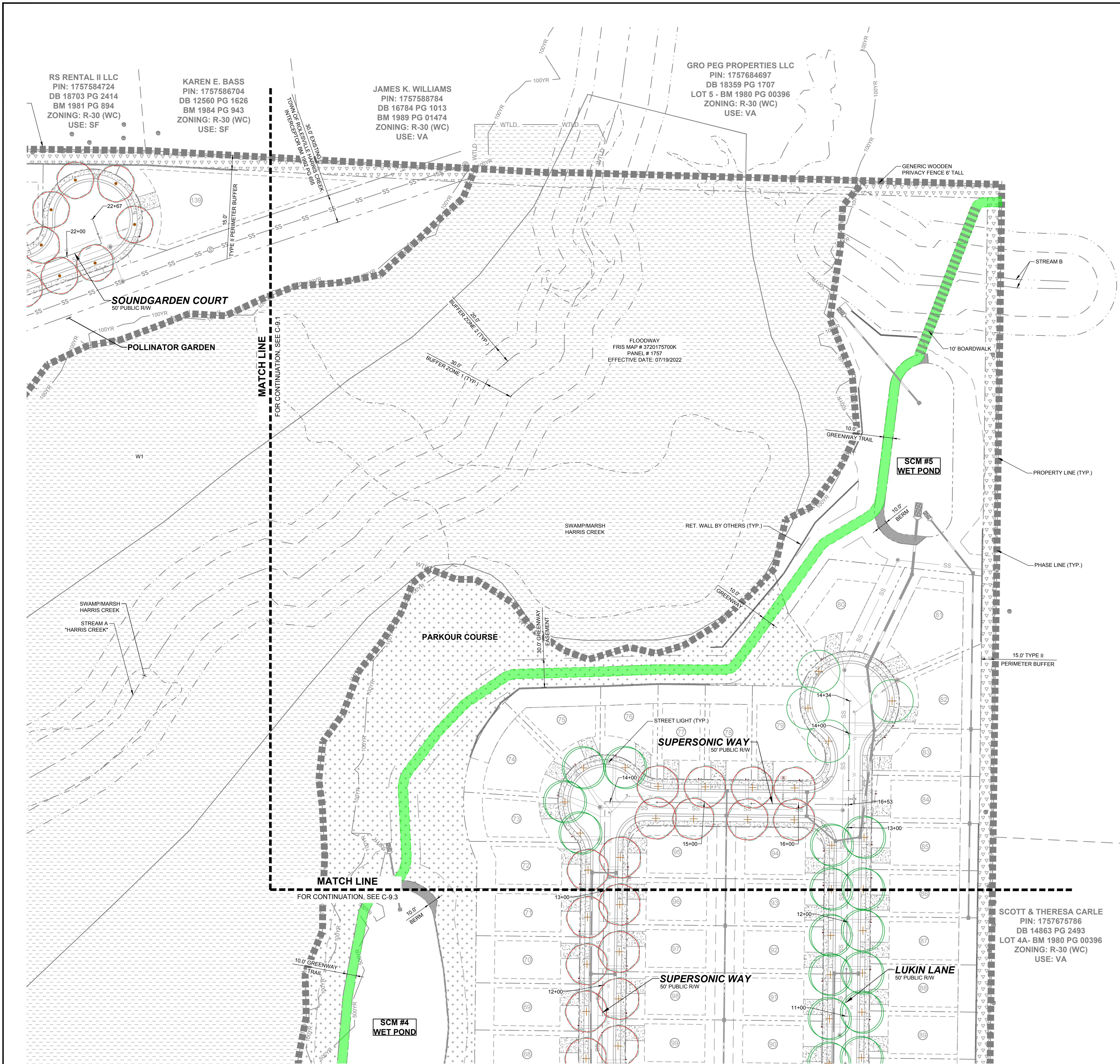
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL LANDSCAPE PLAN I

DRAWING SHEET
C-9.1

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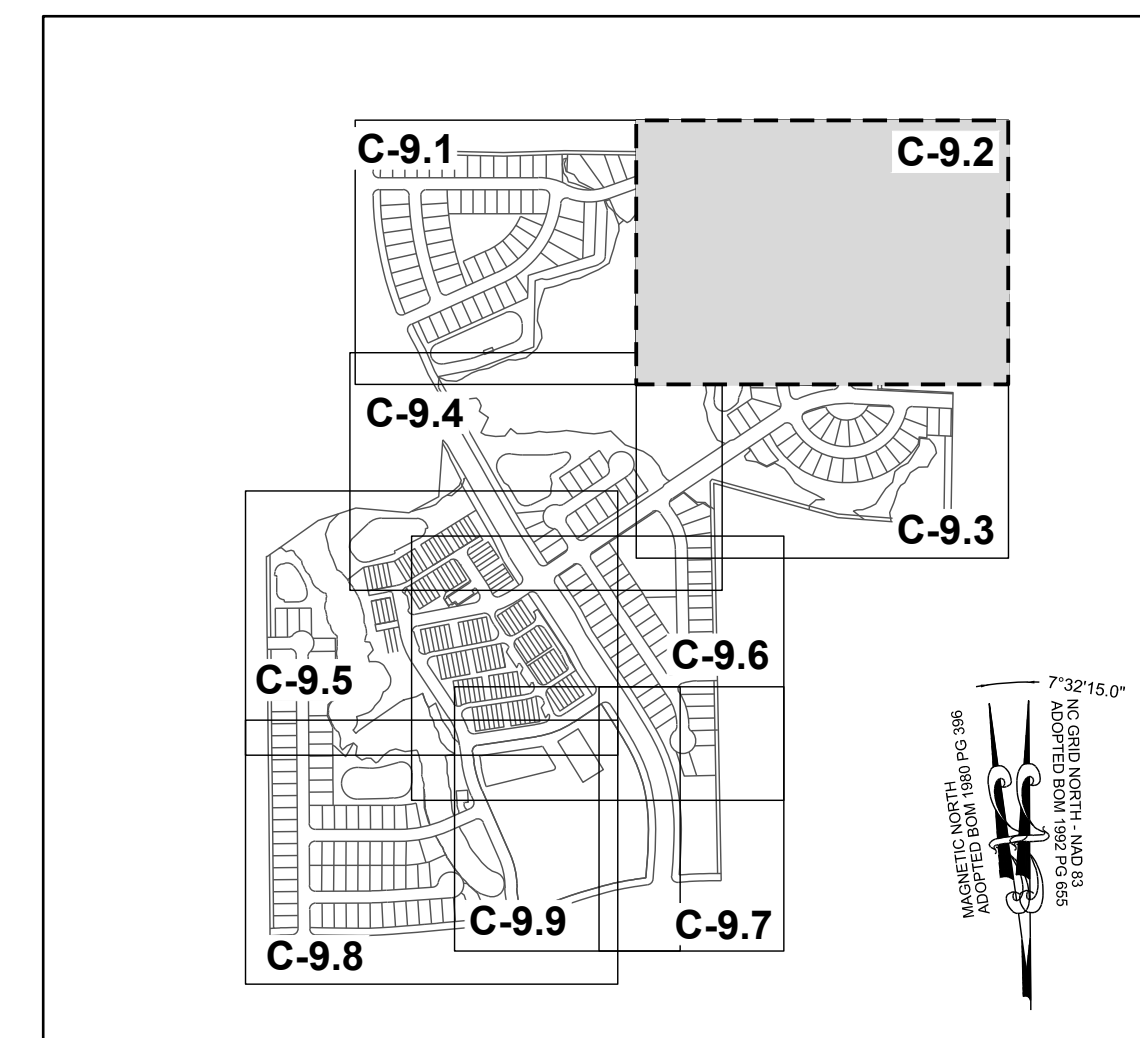
RS RENTAL II LLC
 PIN: 1757584724
 DB 18703 PG 2414
 BM 1981 PG 894
 ZONING: R-30 (WC)
 USE: SF

KAREN E. BASS
 PIN: 1757586704
 DB 12560 PG 1626
 BM 1984 PG 943
 ZONING: R-30 (WC)
 USE: SF

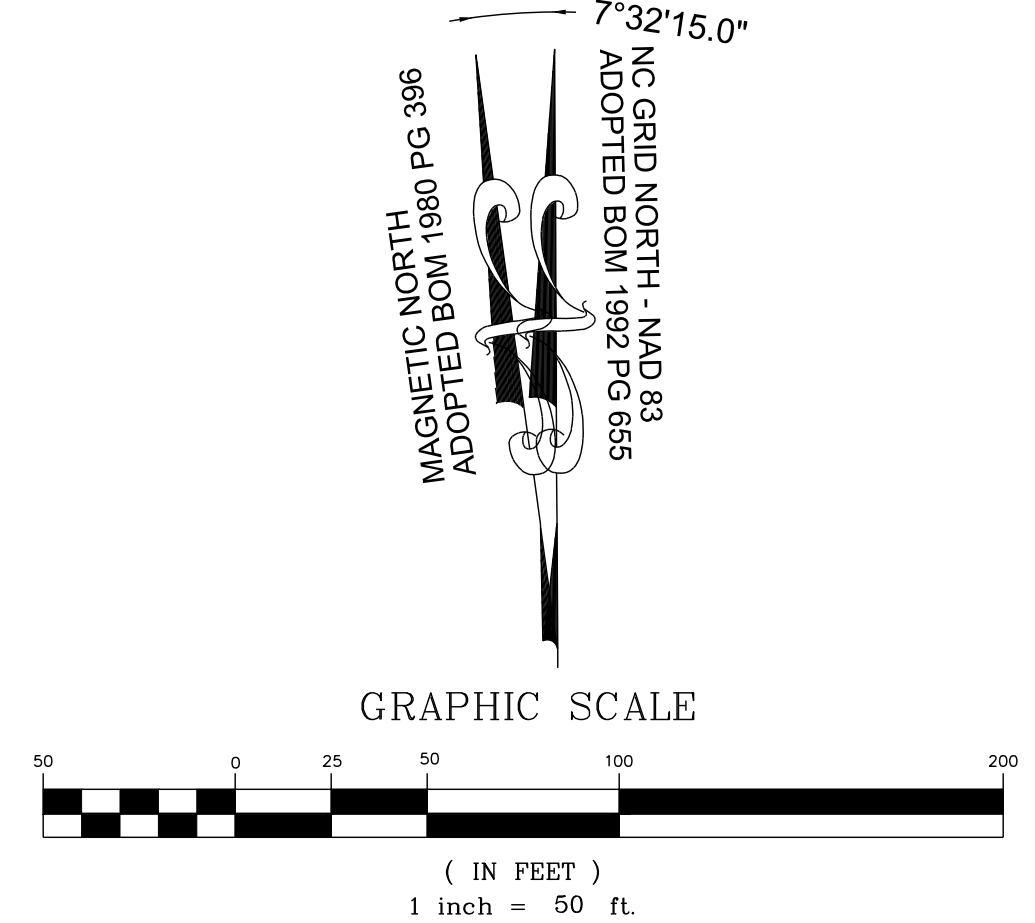
JAMES K. WILLIAMS
 PIN: 1757588784
 DB 16784 PG 1013
 BM 1989 PG 01474
 ZONING: R-30 (WC)
 USE: VA

GRO PEG PROPERTIES LLC
 PIN: 1757684697
 DB 18359 PG 1707
 LOT 5 - BM 1980 PG 00396
 ZONING: R-30 (WC)
 USE: VA

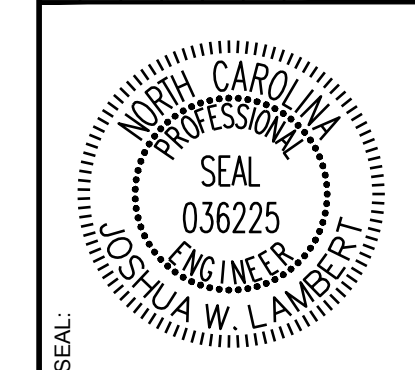
SCOTT & THERESA CARLE
 PIN: 1757675786
 DB 14863 PG 2493
 LOT 4A- BM 1980 PG 00396
 ZONING: R-30 (WC)
 USE: VA



SITE KEY PLAN
LEGEND:
 SEE SHEET C-9.0 FOR TREE TABLES.



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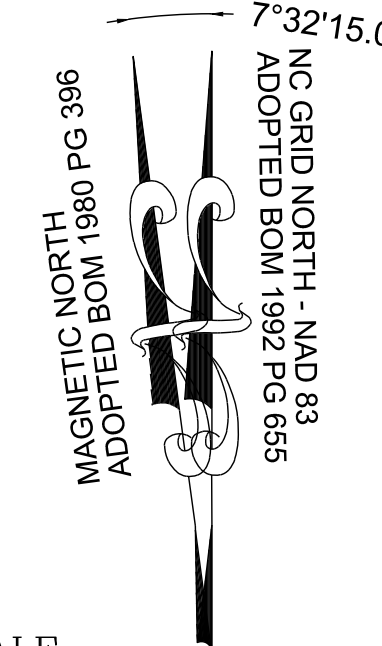
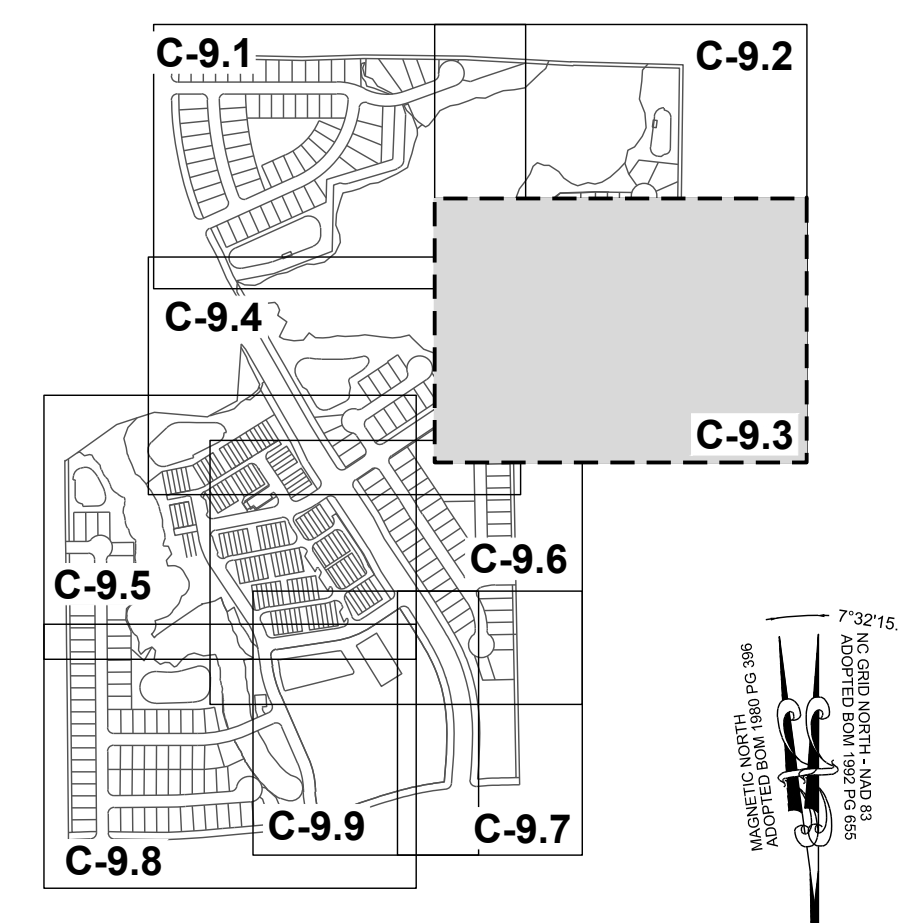
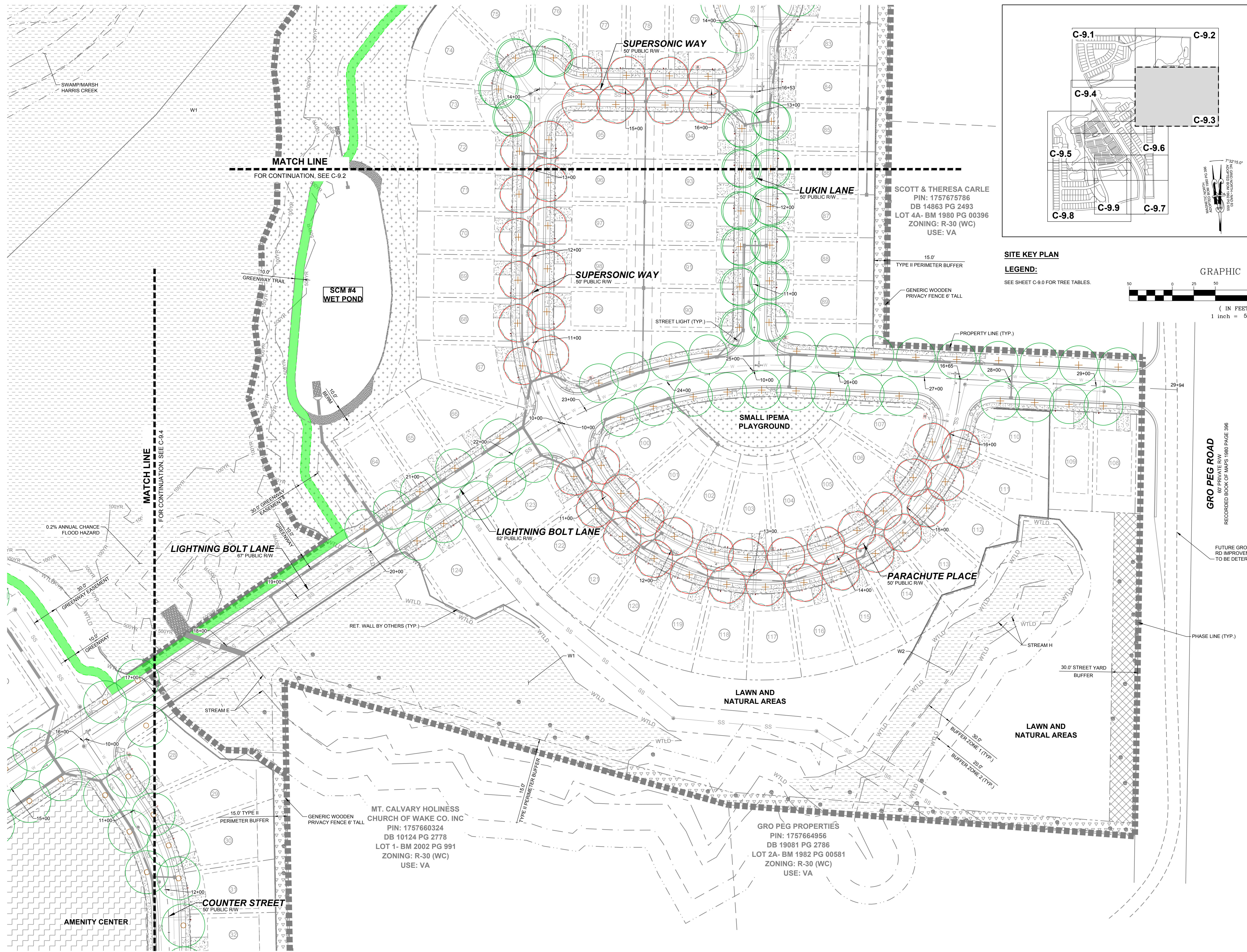
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 ENGINEERING GROUP
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL LANDSCAPE PLAN II

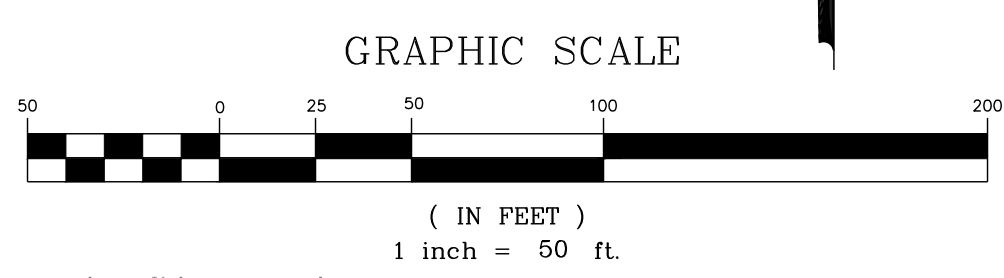
DRAWING SHEET
C-9.2

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



SITE KEY PLAN

LEGEND:
SEE SHEET C-9.0 FOR TREE TABLES.

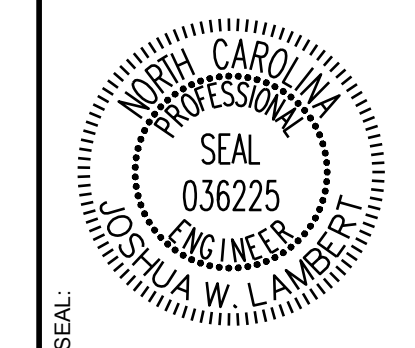


SCOTT & THERESA CARLE
PIN: 1757675786
DB 14863 PG 2493
LOT 4A- BM 1980 PG 00396
ZONING: R-30 (WC)
USE: VA

MT. CALVARY HOLINESS
CHURCH OF WAKE CO. INC
PIN: 1757660324
DB 10124 PG 2778
LOT 1- BM 2002 PG 991
ZONING: R-30 (WC)
USE: VA

GRO PEG PROPERTIES
PIN: 1757664956
DB 19081 PG 2786
LOT 2A- BM 1982 PG 00581
ZONING: R-30 (WC)
USE: VA

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STRONG ROCK PROJECT	DESIGNED BY	DRAWN BY	CHECKED BY
STRONG ROCK PROJECT PSP-23-03	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL LANDSCAPE PLAN III

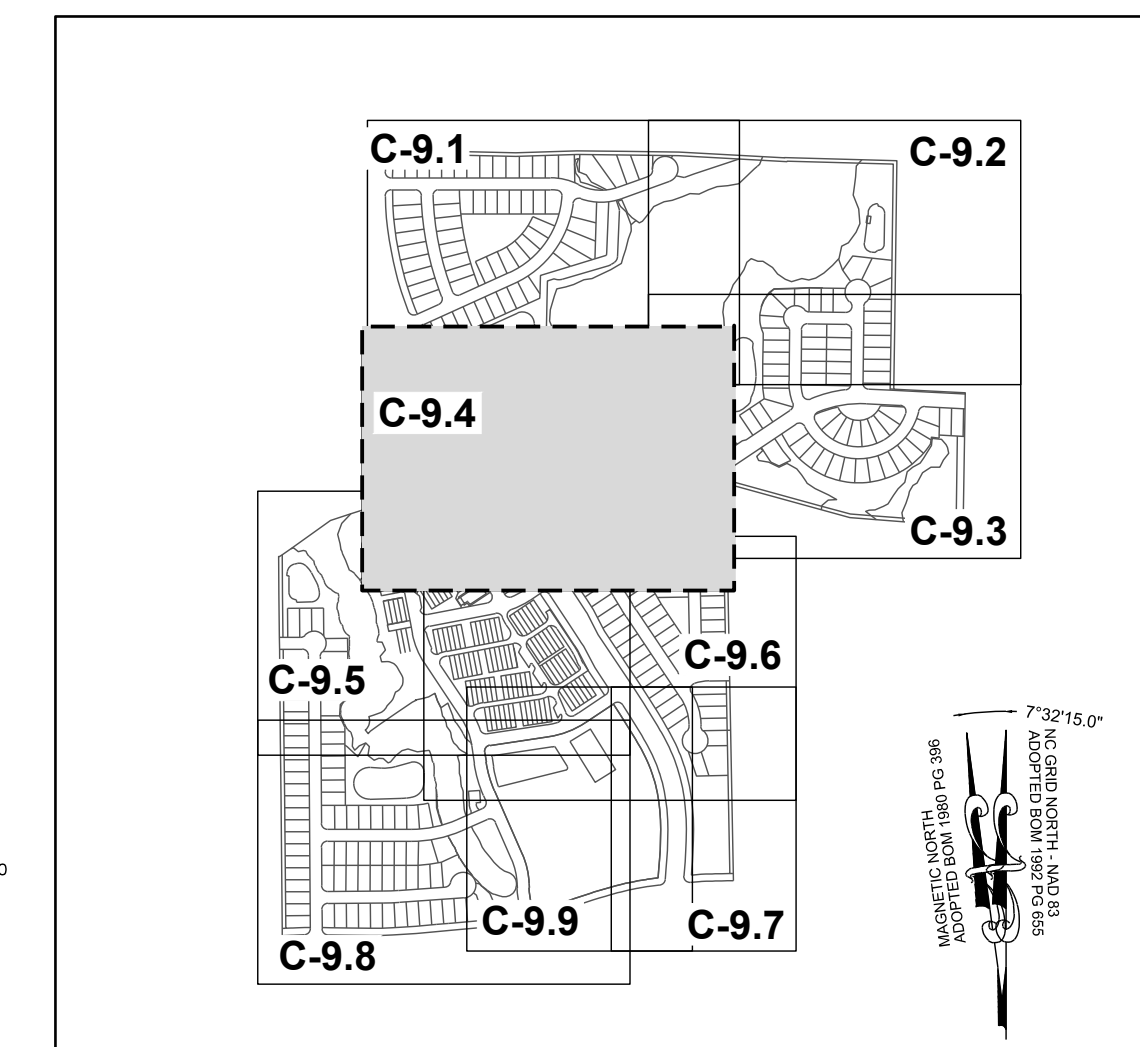
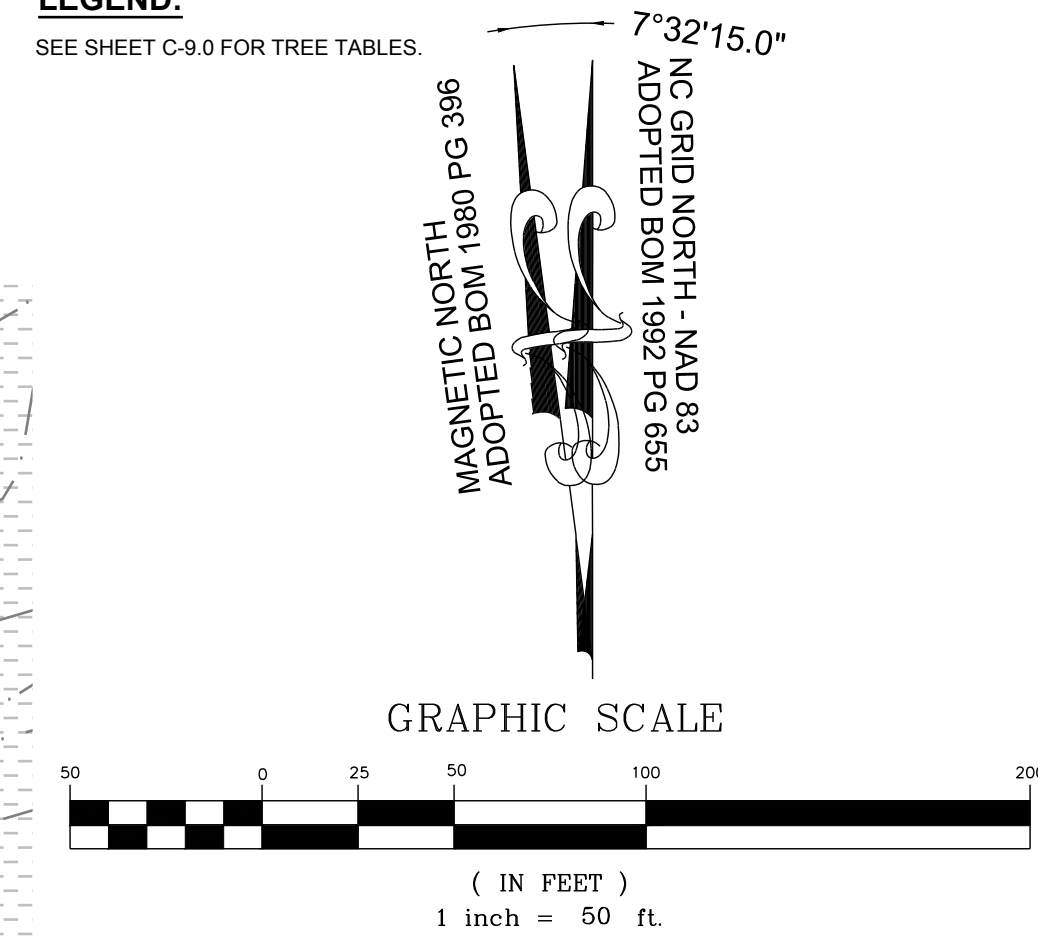
DRAWING SHEET
C-9.3

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.

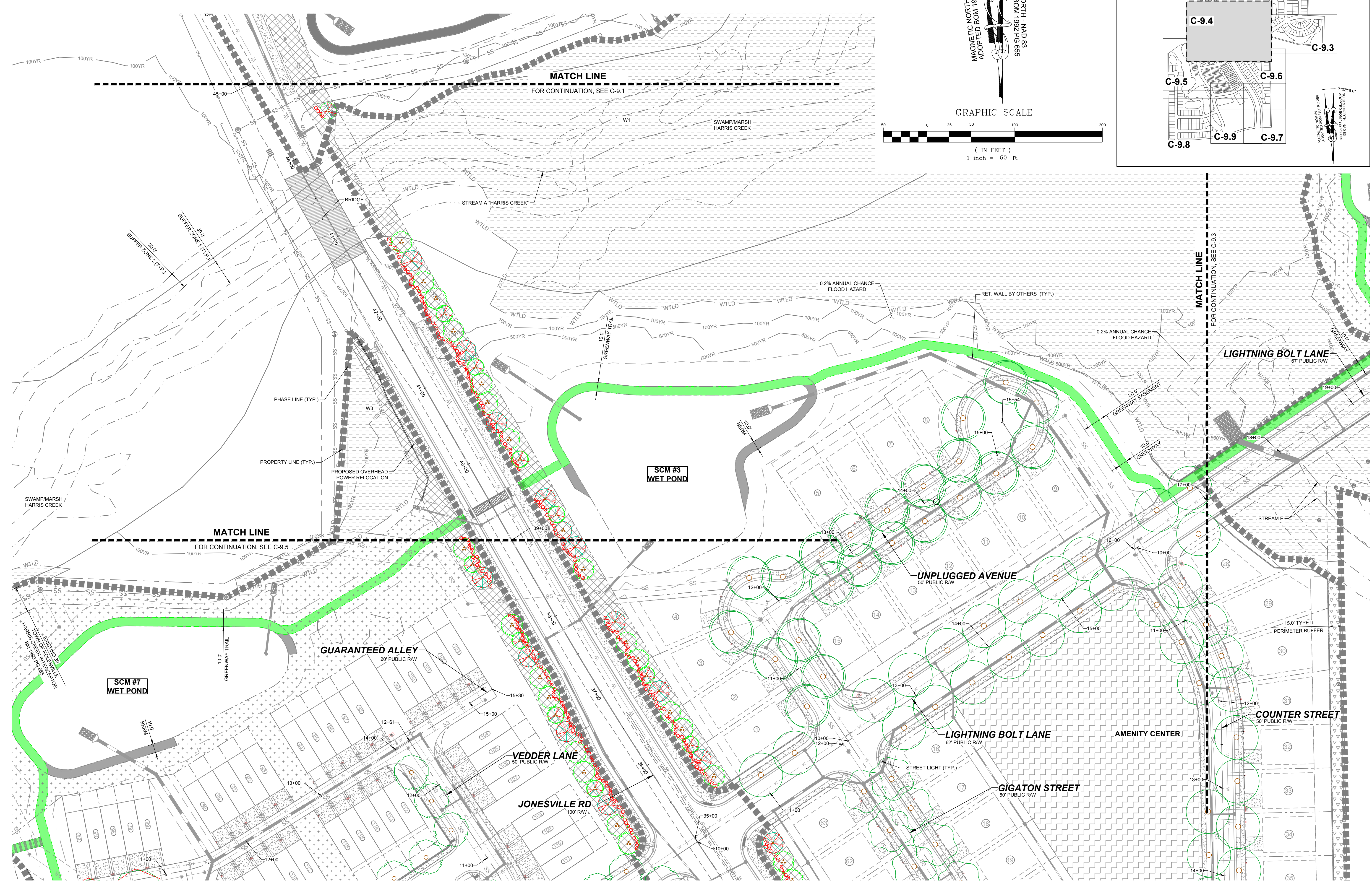
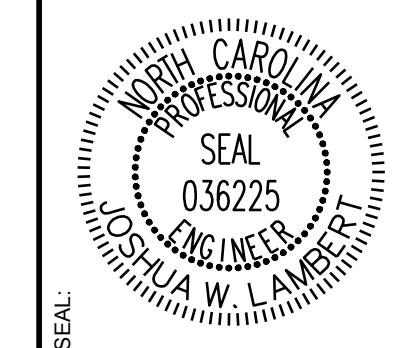
TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

SITE KEY PLAN

LEGEND:
SEE SHEET C-9.0 FOR TREE TABLES.



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STRONG ROCK PROJECT	STRONG ROCK PROJECT P-2166
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL LANDSCAPE PLAN IV

DRAWING SHEET
C-9.4

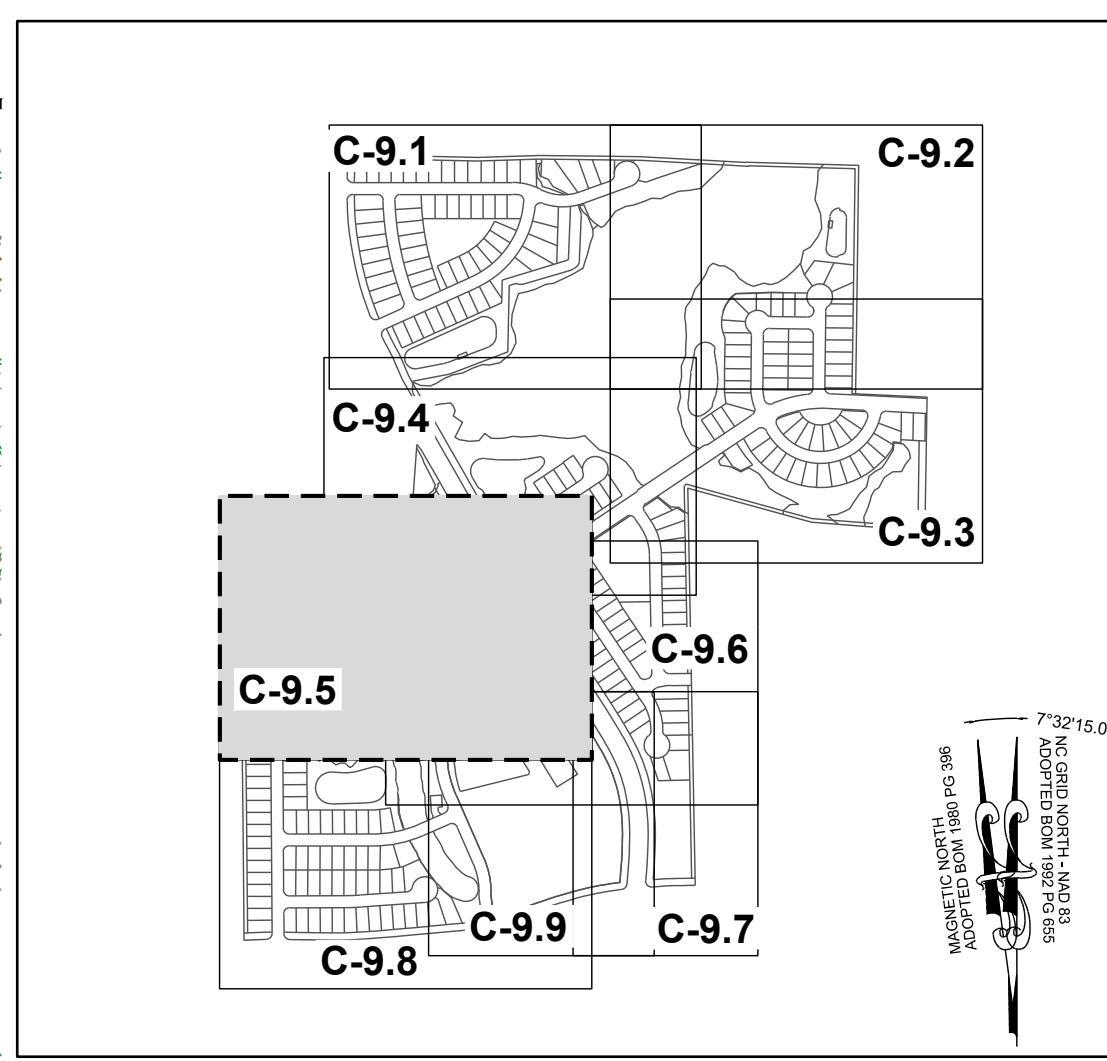
TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

KENNETH INVESTMENT LLC.
PIN: 1757368816
DB 19248 PG 1884
ZONING: R-30 (WC)
USE: VA

MEGAN KULAWIAK
PIN: 1757367367
DB 16226 PG 1133
LOT 6
BM 1990 PG 00387
ZONING: R-30 (WC)
USE: VA

PROPERTY LINE (TYP.)
PHASE LINE (TYP.)

15' 0"
TYPE II PERIMETER BUFFER



SITE KEY PLAN
LEGEND:
SEE SHEET C-9.0 FOR TREE TABLES.

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SEAL:

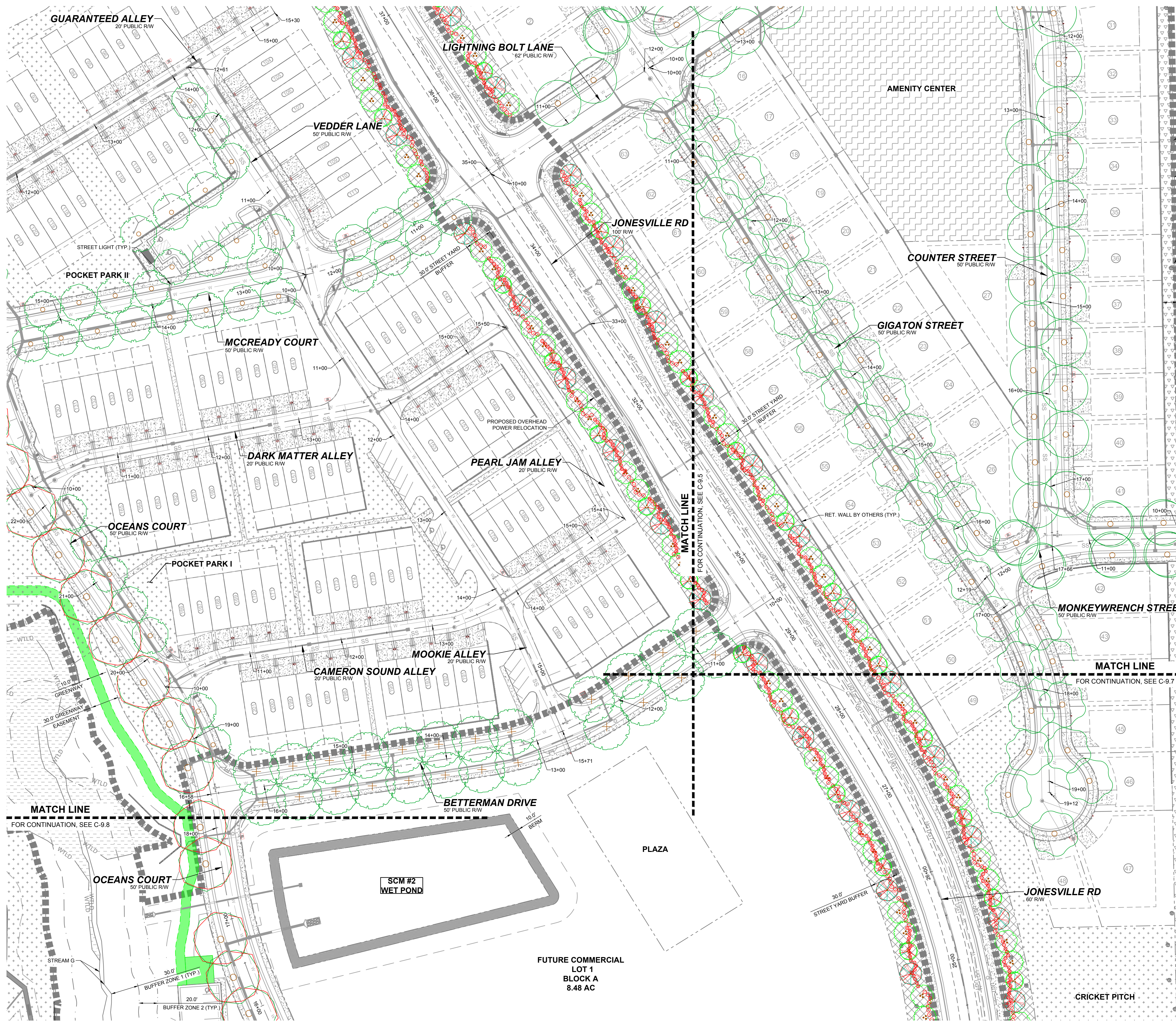
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SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
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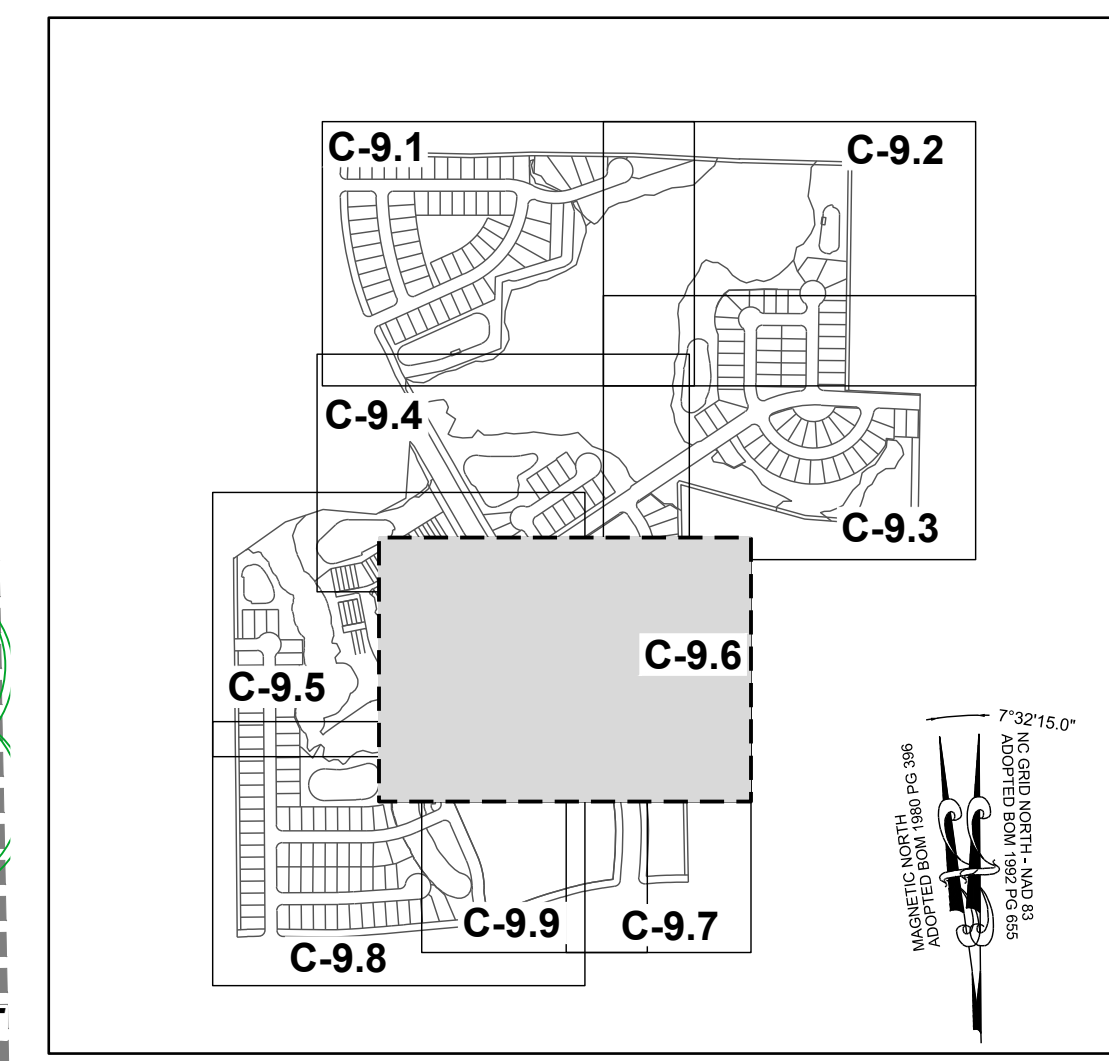
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL LANDSCAPE PLAN V

DRAWING SHEET
C-9.5

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.

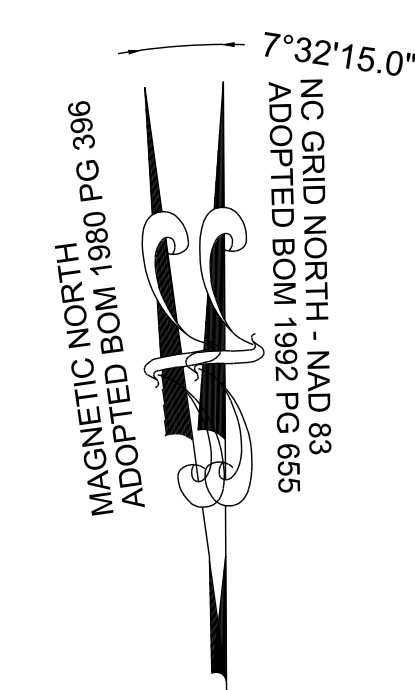


PHASE LINE (TYP.)
 PROPERTY LINE (TYP.)
 GENERIC WOODEN PRIVATE FENCE 6' TALL
 15.0'
 TYPE II PERIMETER BUFFER

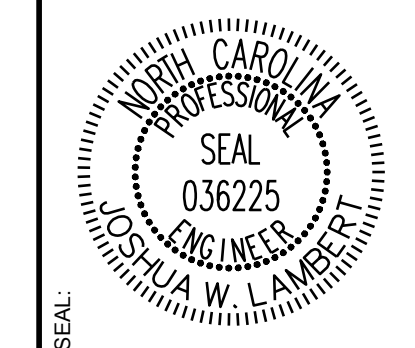


SITE KEY PLAN
LEGEND:
 SEE SHEET C-9.0 FOR TREE TABLES.

TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



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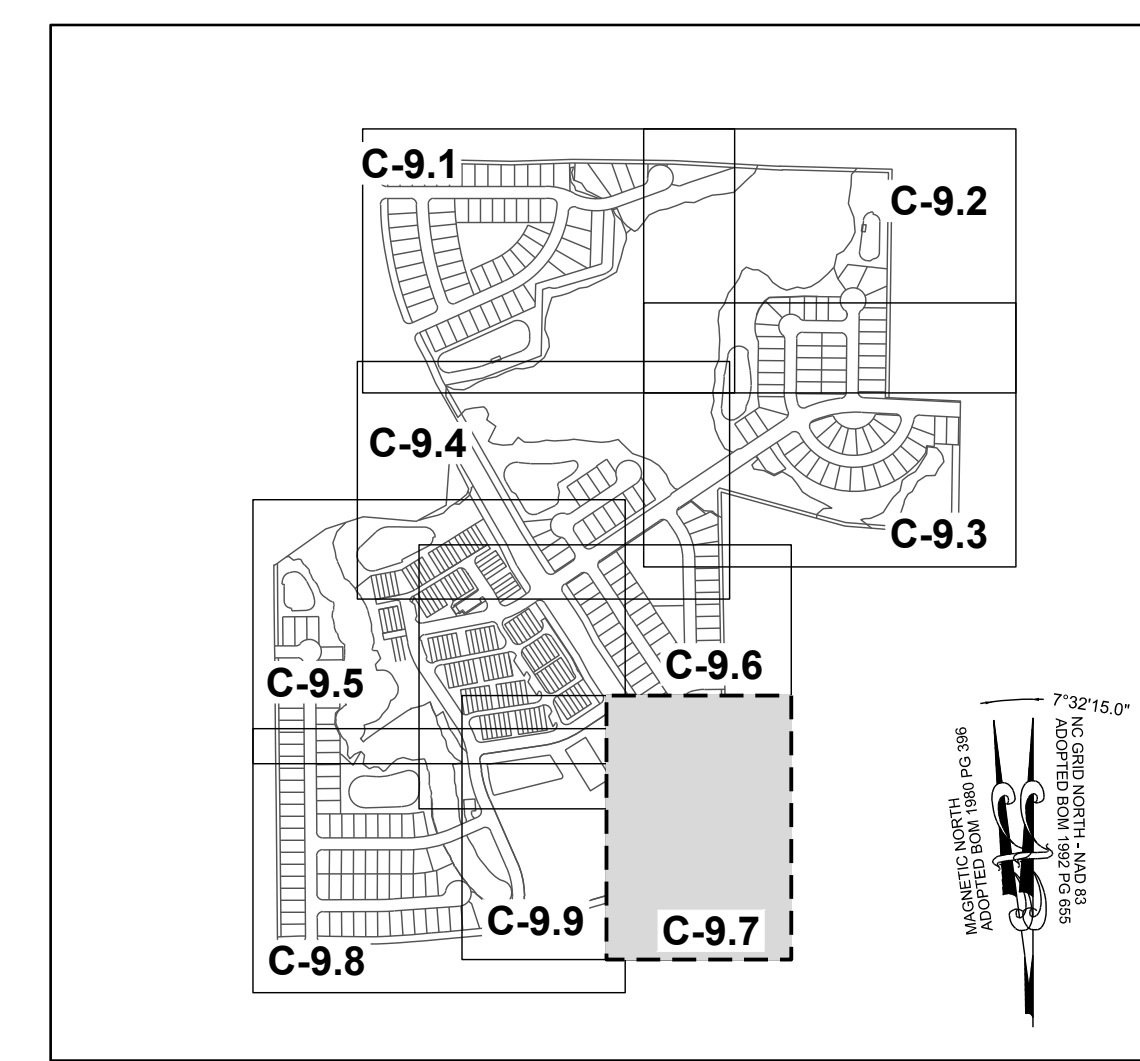
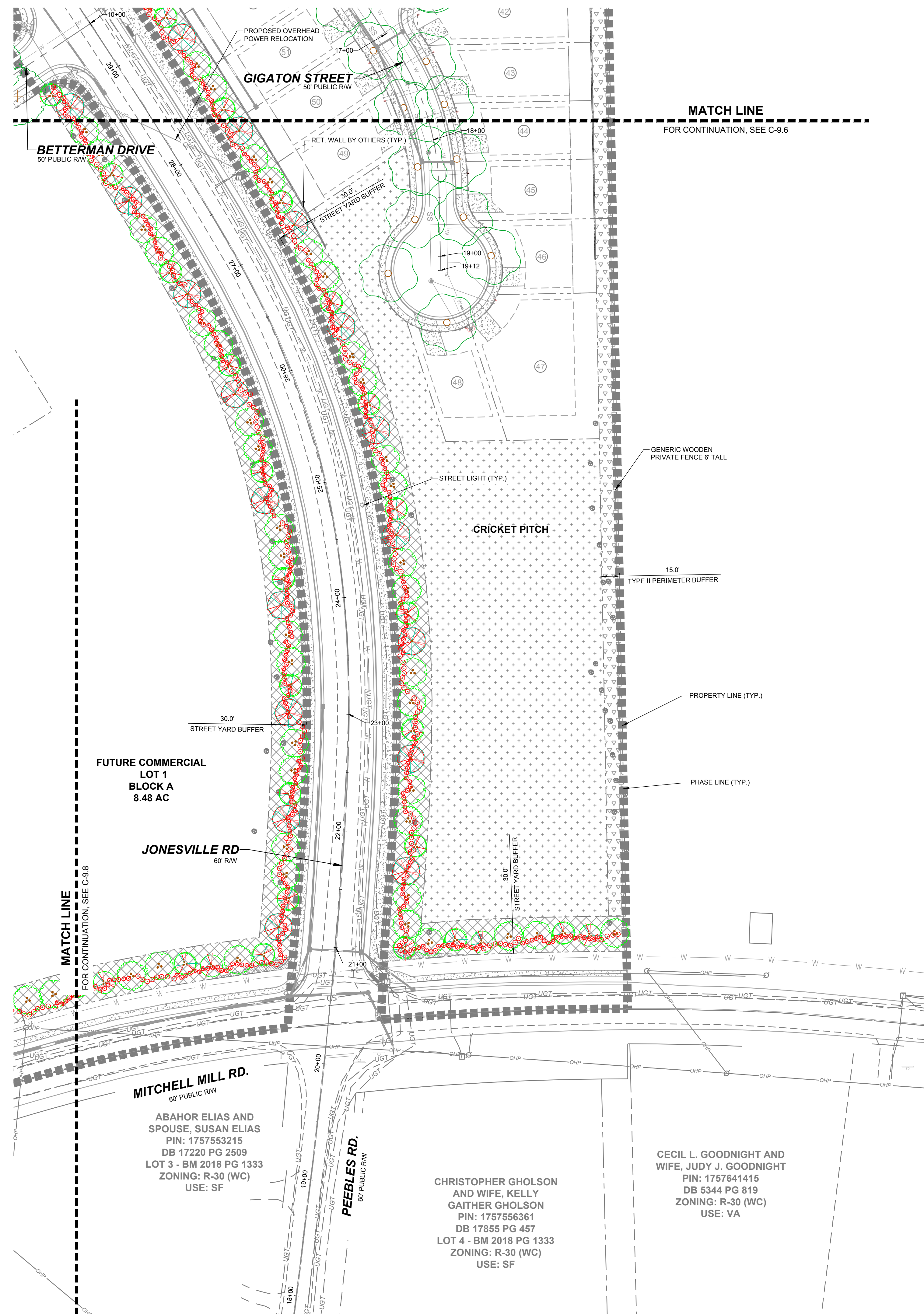
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STRONG ROCK PROJECT	STRONG ROCK PROJECT P-2166
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL LANDSCAPE PLAN VI

DRAWING SHEET
C-9.6

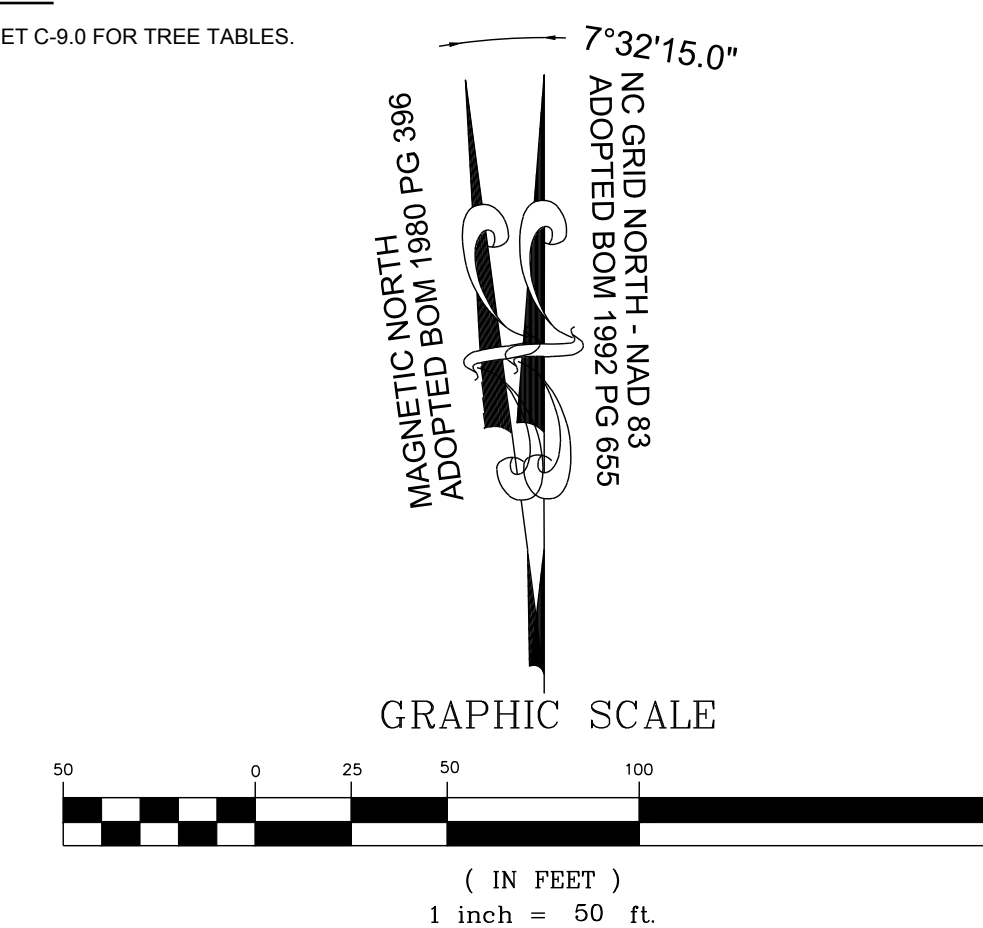
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



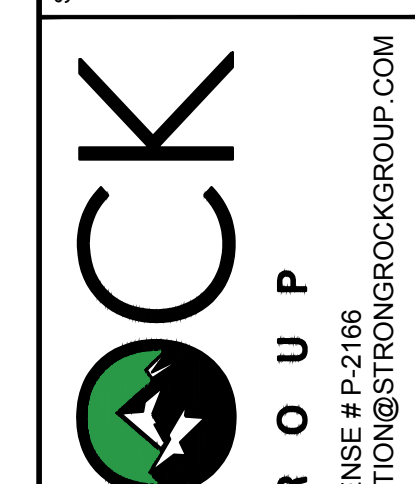
SITE KEY PLAN

LEGEND:

SEE SHEET C-9.0 FOR TREE TABLES.



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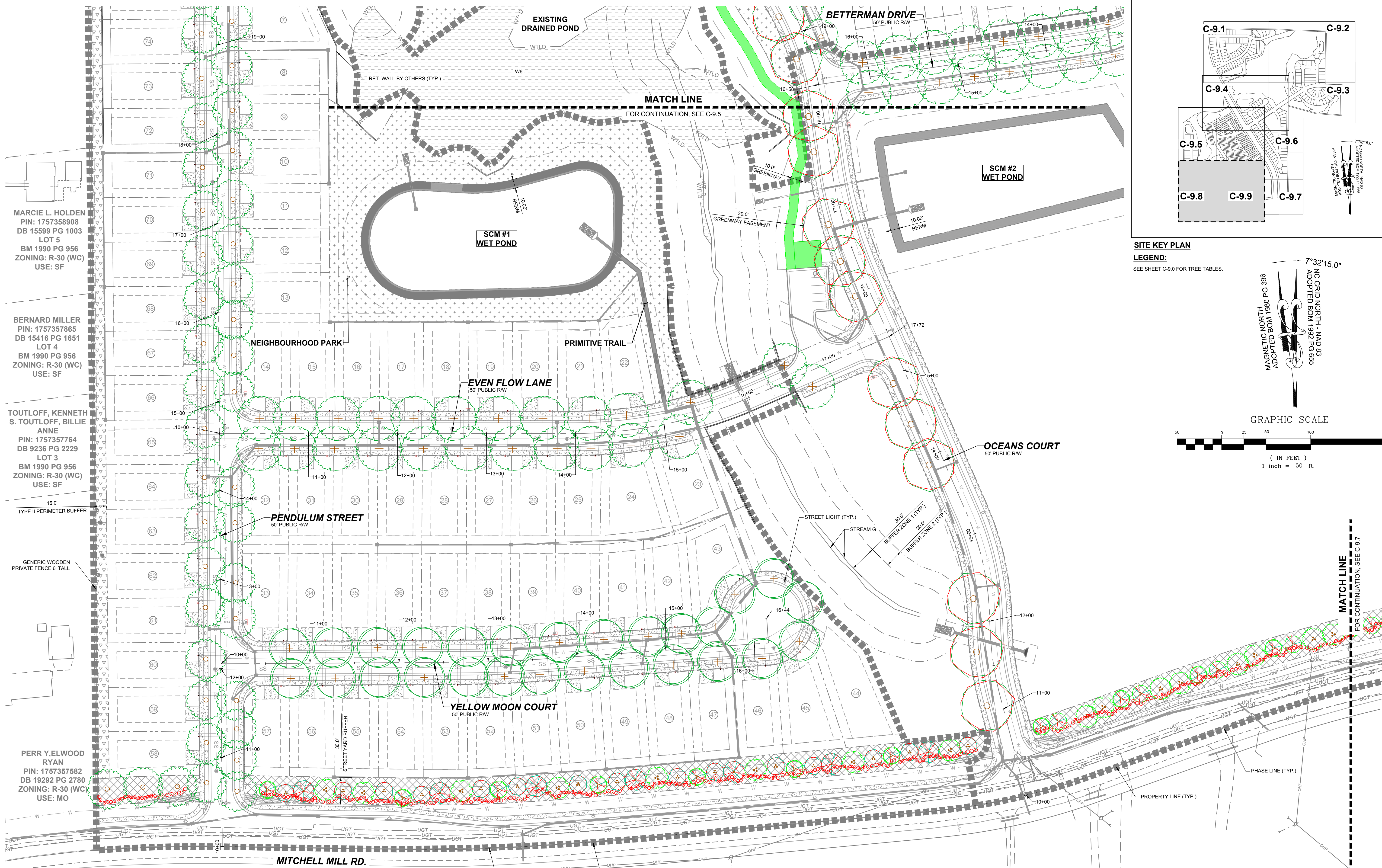
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STRONG ROCK PROJECT	PSP-23-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PARTIAL LANDSCAPE PLAN VII

DRAWING SHEET
C-9.7

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MARCI L. HOLDEN
PIN: 1757358908
DB 15599 PG 1003
LOT 5
BM 1990 PG 956
ZONING: R-30 (WC)
USE: SF

BERNARD MILLER
PIN: 1757357865
DB 15416 PG 1651
LOT 4
BM 1990 PG 956
ZONING: R-30 (WC)
USE: SF

TOUTLOFF, KENNETH
S. TOUTLOFF, BILLIE
ANNE
PIN: 1757357764
DB 9236 PG 2229
LOT 3
BM 1990 PG 956
ZONING: R-30 (WC)
USE: SF

15' TYPE II PERIMETER BUFFER

GENERIC WOODEN PRIVATE FENCE 6' TALL

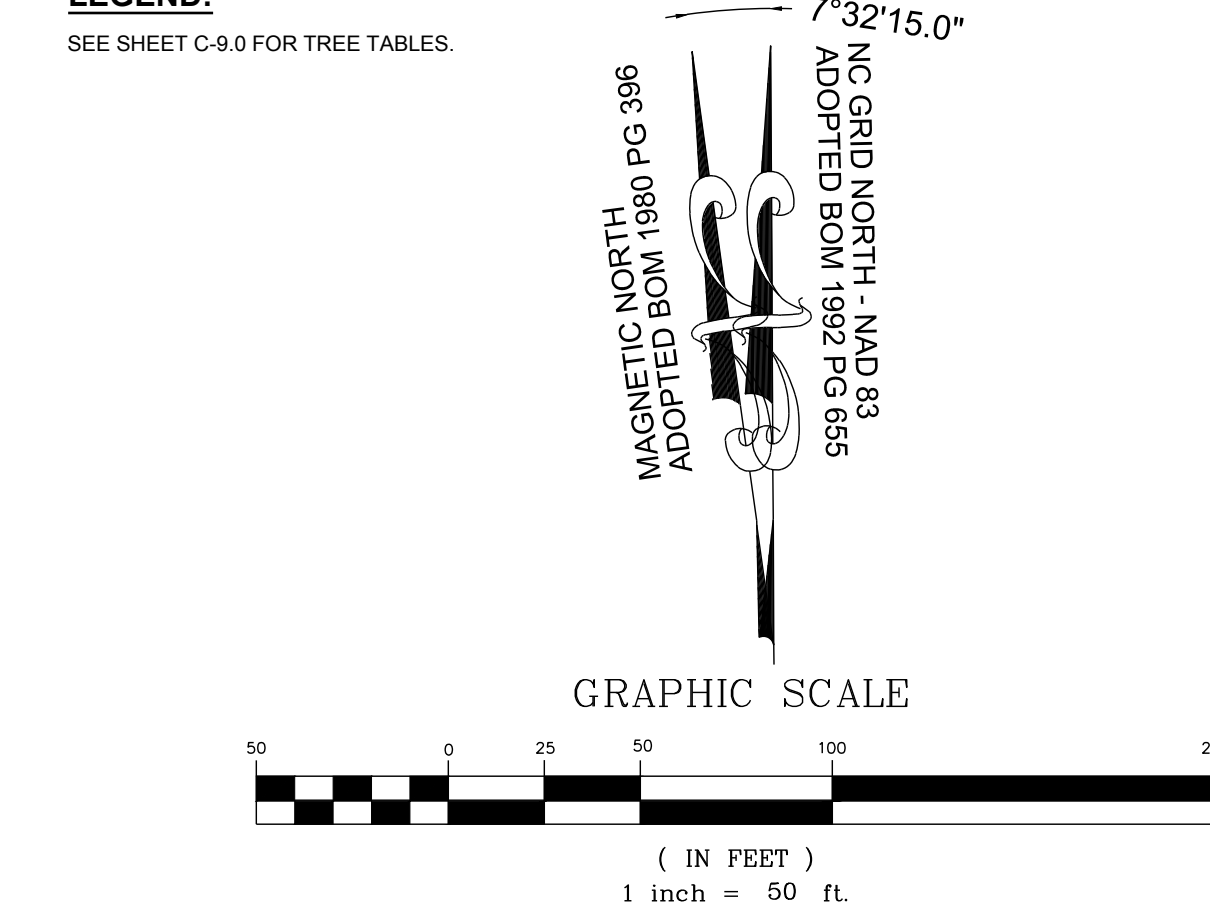
PERR Y. ELWOOD
RYAN
PIN: 1757357582
DB 19292 PG 2780
ZONING: R-30 (WC)
USE: MO

PHETIS JONES
BRADSHER
PIN: 1757349473
DB 15208 PG 2320
BM 2013 PG 868
ZONING: R-30 (WC)
USE: FO

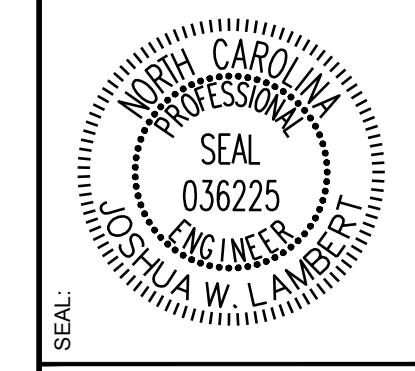
CURTIS L. HONEYCUTT
AND WIFE TODD
KENDALL
PIN: 1757540996
DB 19269 PG 2474
LOT 1 - BM 2018 PG 1333
ZONING: R-30 (WC)
USE: SF

TODD KENDALL
HONEYCUTT
PIN: 1757551202
DB 13474 PG 1974
LOT 2 - BM 2018 PG 1333
ZONING: R-30 (WC)
USE: SF

SITE KEY PLAN
LEGEND:
SEE SHEET C-9.0 FOR TREE TABLES.



NO.	REVISIONS	DATE	BY
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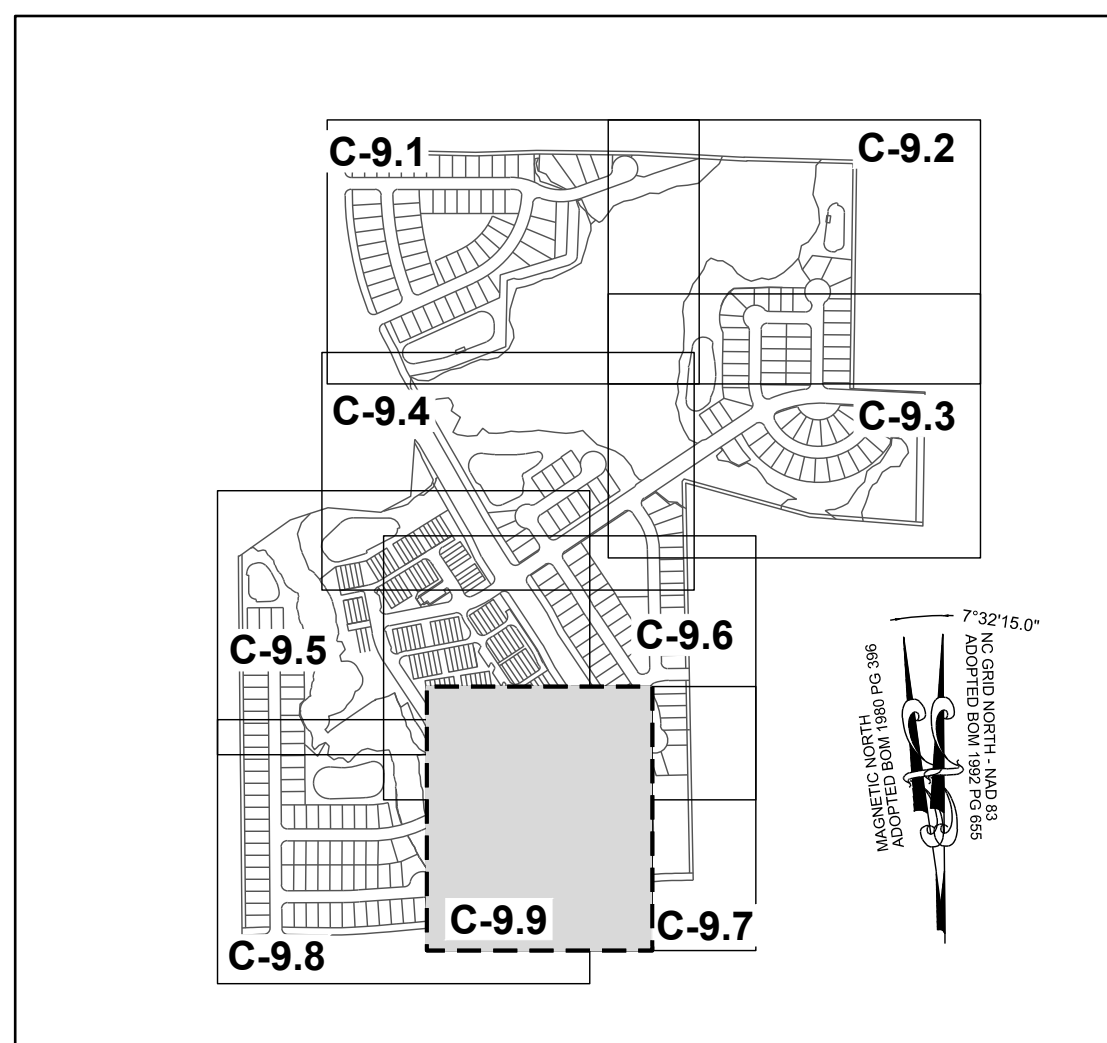
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ENGINEERING GROUP
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03	AS SHOWN	JWL	SRG	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PARTIAL LANDSCAPE PLAN VIII

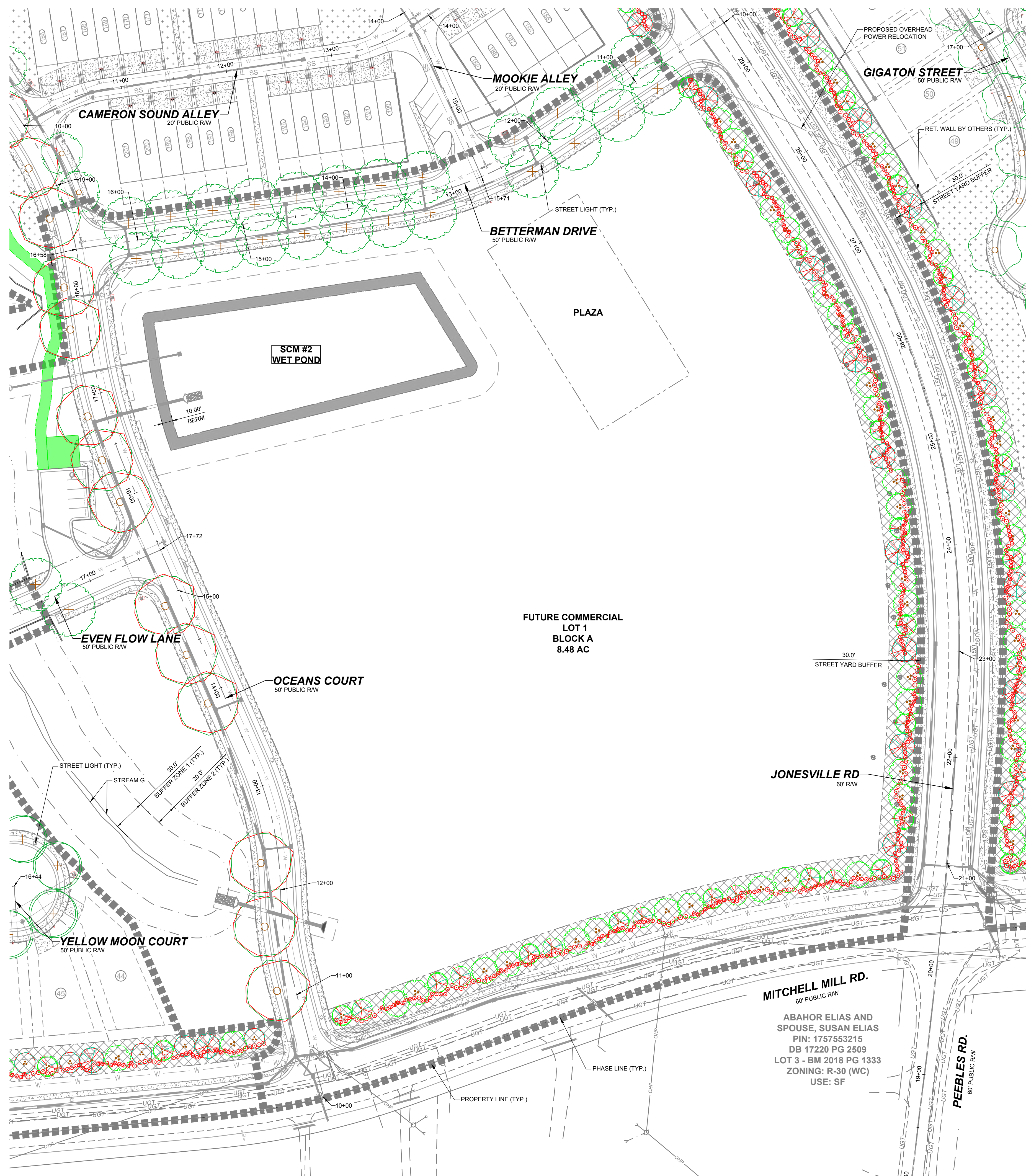
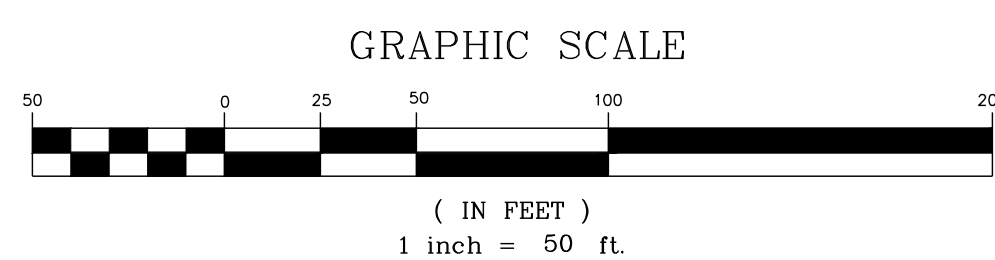
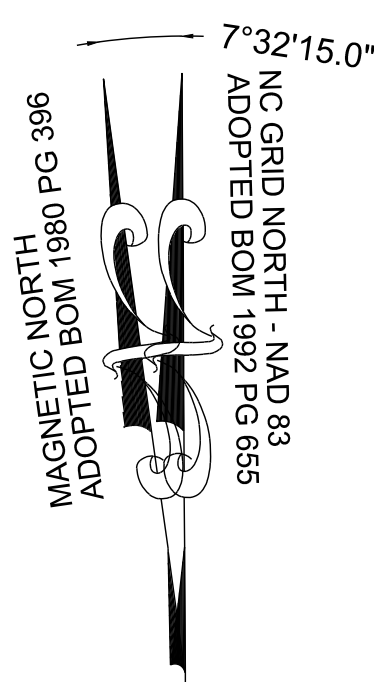
DRAWING SHEET
C-9.8

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SITE KEY PLAN
LEGEND:
 SEE SHEET C-9.0 FOR TREE TABLES.

TOWNHOME NOTES:
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



No.	REVISIONS	DATE	BY
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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	STRONG ROCK PROJECT PSP-23-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAT
 PARTIAL LANDSCAPE PLAN IX

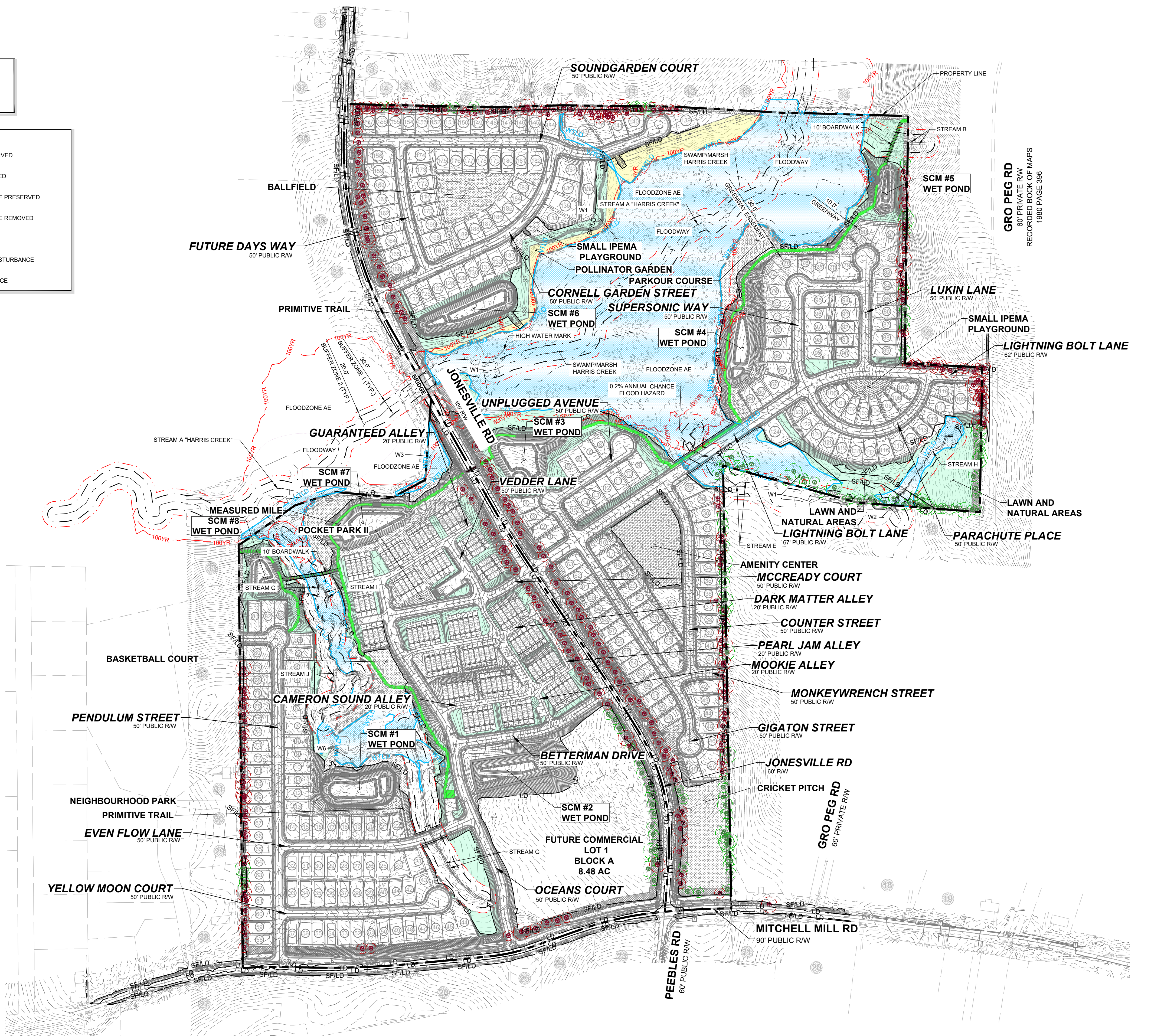
DRAWING SHEET
C-9.9

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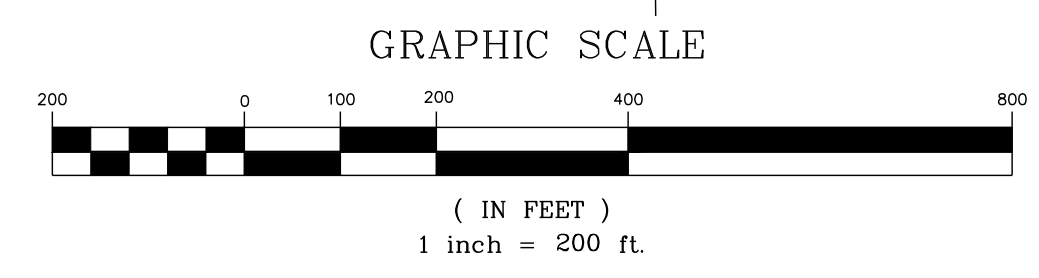
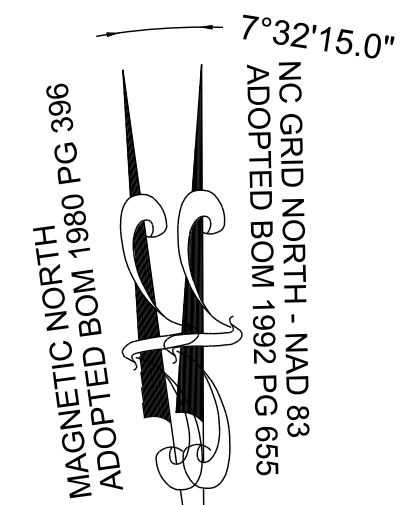
NOTE:
THE CRITICAL ROOT ZONES (CRZ) SHALL REMAIN FREE OF ALL BUILDING MATERIALS, REFUSE, AND DEBRIS. SEE SHEET C-2.0 FOR ADJACENT PROPERTY DETAILS.

LEGEND:

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

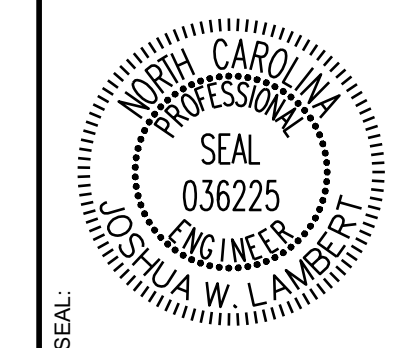


GRO PEG RD
60' PRIVATE RW
RECORDED BOOK OF MAPS
1980 PAGE 396



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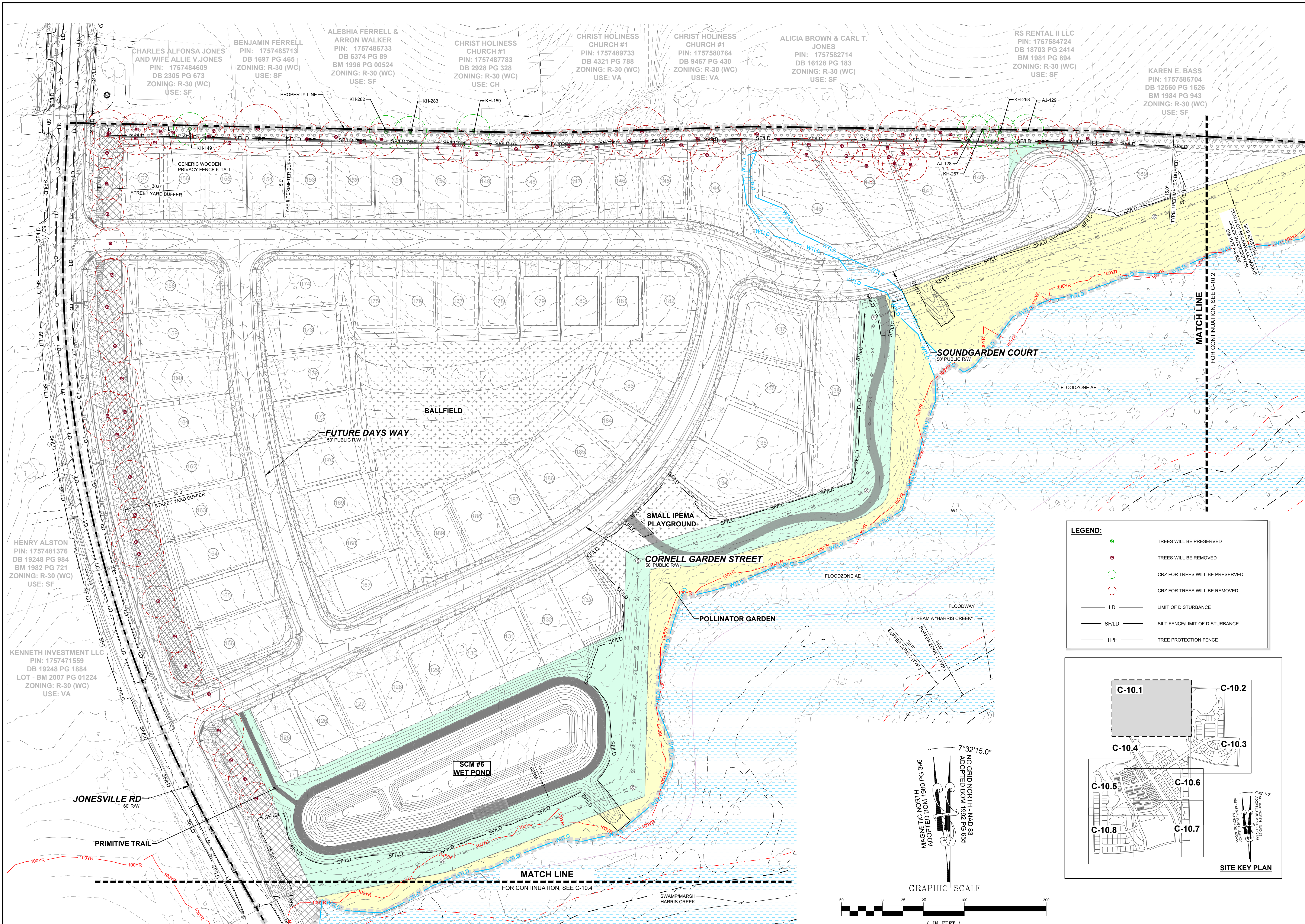


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STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
OVERALL PRESERVATION PLAN



CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES
PIN: 1757484609
DB 2305 PG 673
ZONING: R-30 (WC)
USE: SF

BENJAMIN FERRELL
PIN: 1757485713
DB 1697 PG 465
ZONING: R-30 (WC)
USE: SF

ALESHIA FERRELL & ARRON WALKER
PIN: 1757486733
DB 6374 PG 89
BM 1996 PG 00524
ZONING: R-30 (WC)
USE: SF

CHRIST HOLINESS CHURCH #1
PIN: 1757487783
DB 2928 PG 328
ZONING: R-30 (WC)
USE: CH

CHRIST HOLINESS CHURCH #1
PIN: 1757489733
DB 4321 PG 788
ZONING: R-30 (WC)
USE: VA

CHRIST HOLINESS CHURCH #1
PIN: 1757580764
DB 9467 PG 430
ZONING: R-30 (WC)
USE: VA

ALICIA BROWN & CARL T. JONES
PIN: 1757582714
DB 16128 PG 183
ZONING: R-30 (WC)
USE: SF

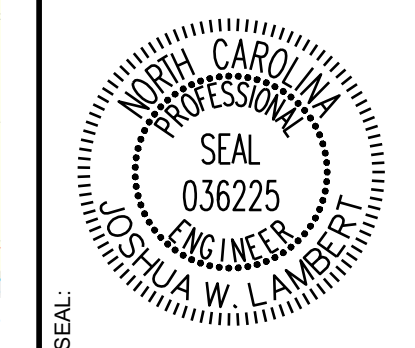
RS RENTAL II LLC
PIN: 1757584724
DB 18703 PG 2414
BM 1981 PG 894
ZONING: R-30 (WC)
USE: SF

KAREN E. BASS
PIN: 1757586704
DB 12560 PG 1626
BM 1984 PG 943
ZONING: R-30 (WC)
USE: SF

HENRY ALSTON
PIN: 1757481376
DB 19248 PG 984
BM 1982 PG 721
ZONING: R-30 (WC)
USE: SF

KENNETH INVESTMENT LLC
PIN: 1757471559
DB 19248 PG 1884
LOT - BM 2007 PG 01224
ZONING: R-30 (WC)
USE: VA

No.	REVISIONS	DATE	BY
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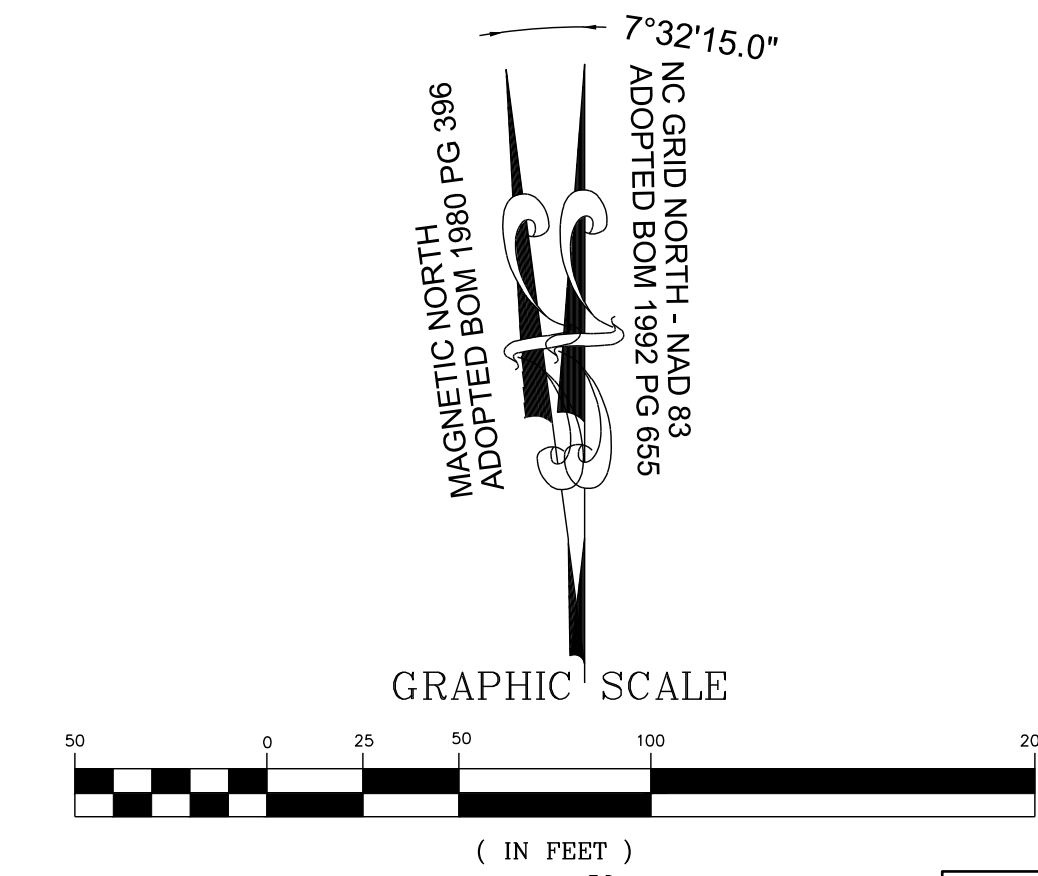
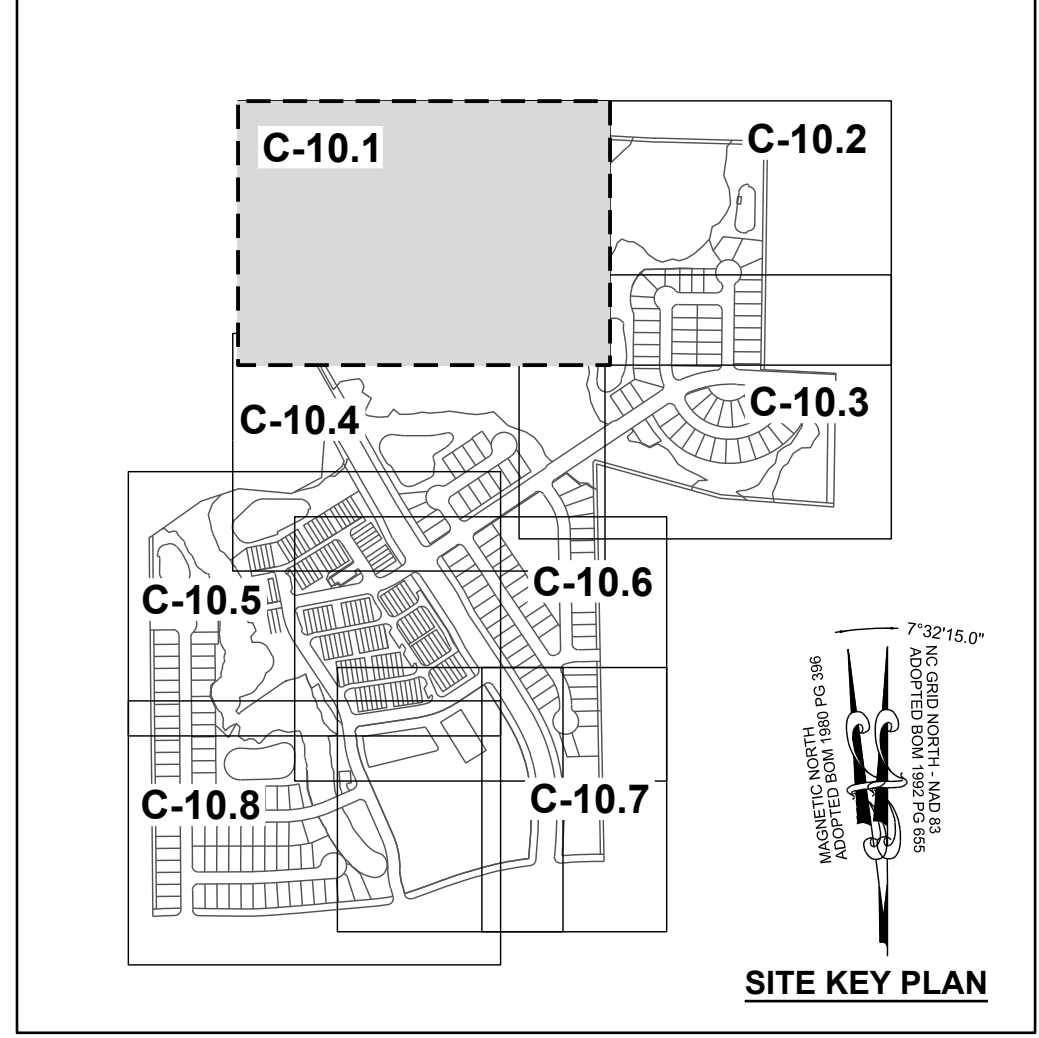
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT P-21-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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LEGEND:

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



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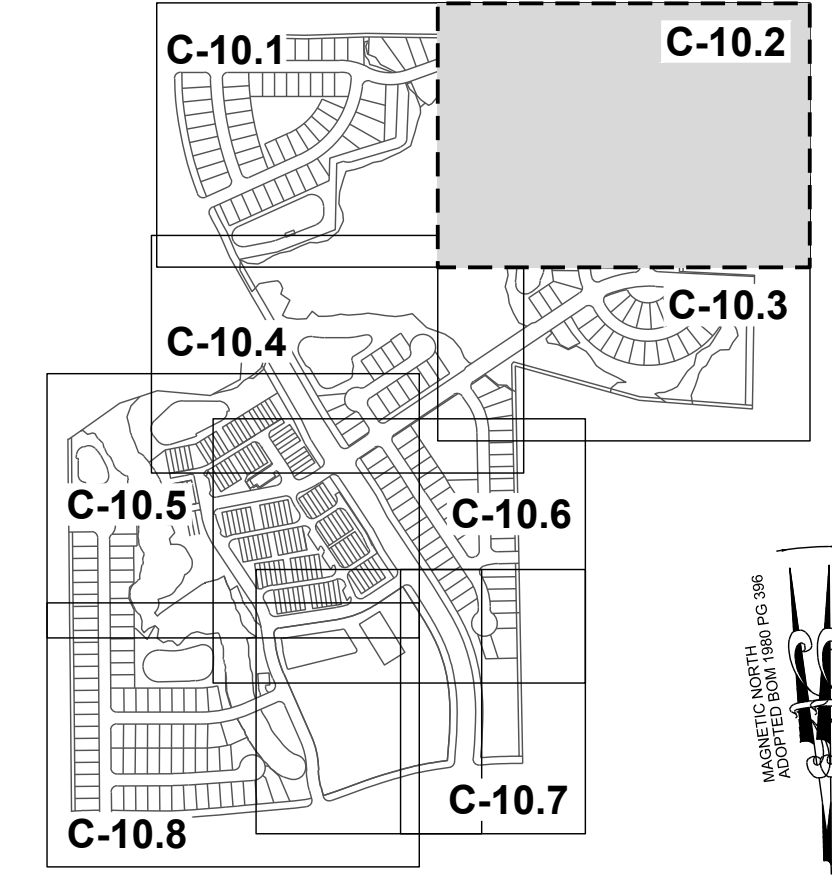
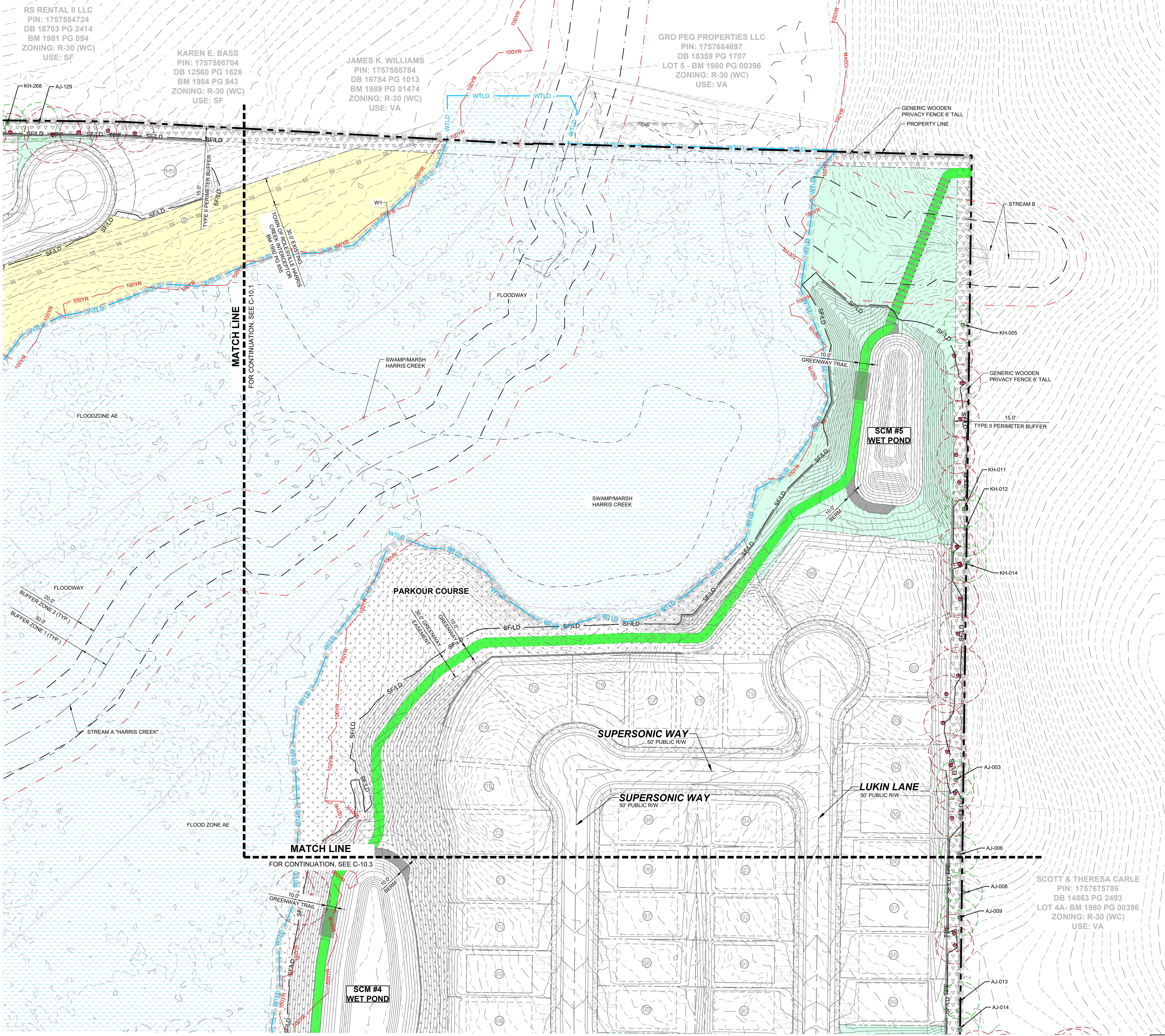
RS RENTAL II LLC
PIN: 1757584724
DB 18703 PG 2414
BM 1981 PG 894
ZONING: R-30 (WC)
USE: SF

KAREN E. BASS
PIN: 1757586704
DB 12560 PG 1626
BM 1984 PG 943
ZONING: R-30 (WC)
USE: SF

JAMES K. WILLIAMS
PIN: 1757588784
DB 16784 PG 1013
BM 1989 PG 01474
ZONING: R-30 (WC)
USE: VA

GRO PEG PROPERTIES LLC
PIN: 1757684697
DB 18359 PG 1707
LOT 5 - BM 1980 PG 00396
ZONING: R-30 (WC)
USE: VA

SCOTT & THERESA CARLE
PIN: 1757675786
DB 14863 PG 2493
LOT 4A- BM 1980 PG 00396
ZONING: R-30 (WC)
USE: VA

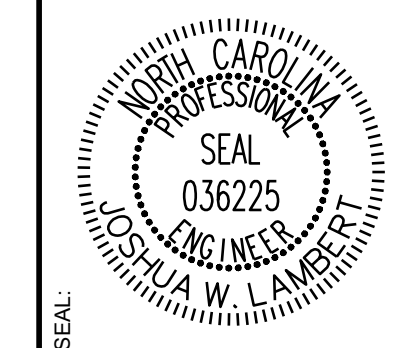


SITE KEY PLAN

LEGEND:

	TREES WILL BE PRESERVED
	TREES WILL BE REMOVED
	CRZ FOR TREES WILL BE PRESERVED
	CRZ FOR TREES WILL BE REMOVED
	LIMIT OF DISTURBANCE
	SILT FENCE/LIMIT OF DISTURBANCE
	TREE PROTECTION FENCE

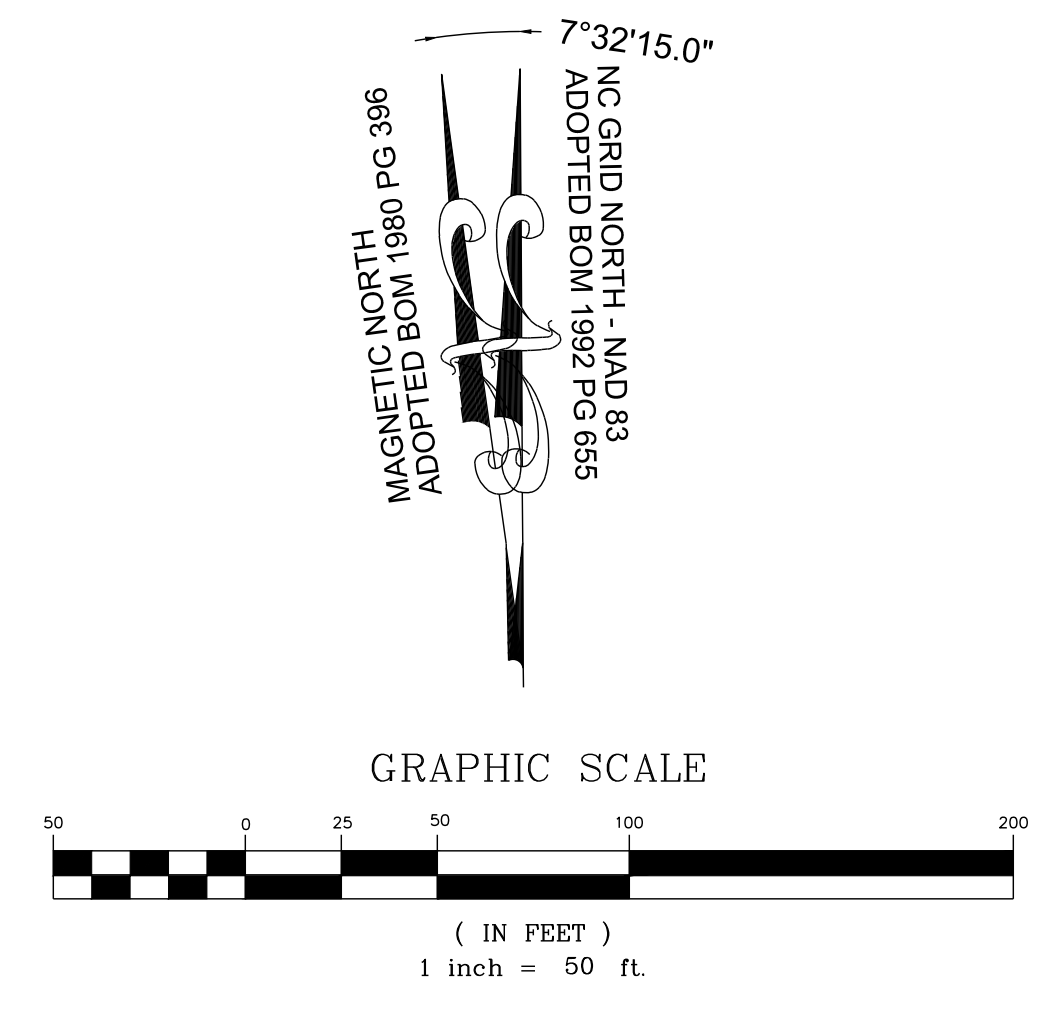
NO.	REVISIONS	DATE	BY
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL



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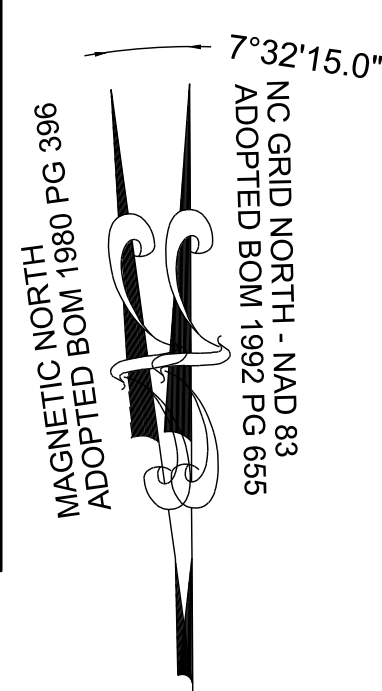
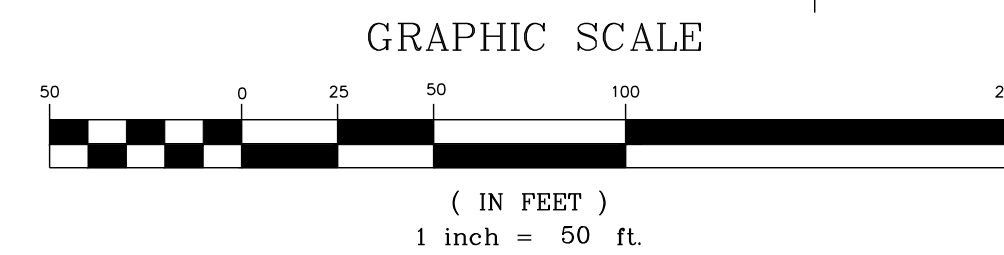
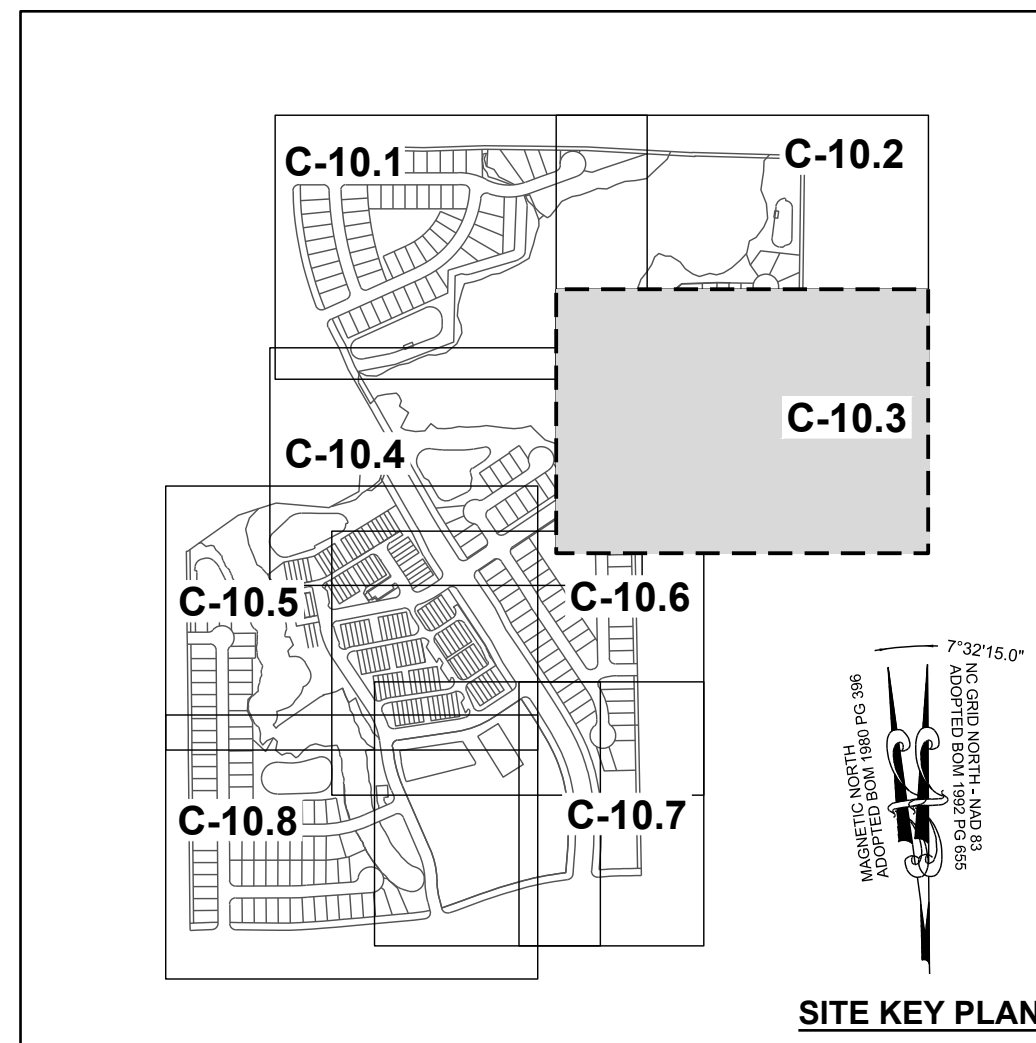
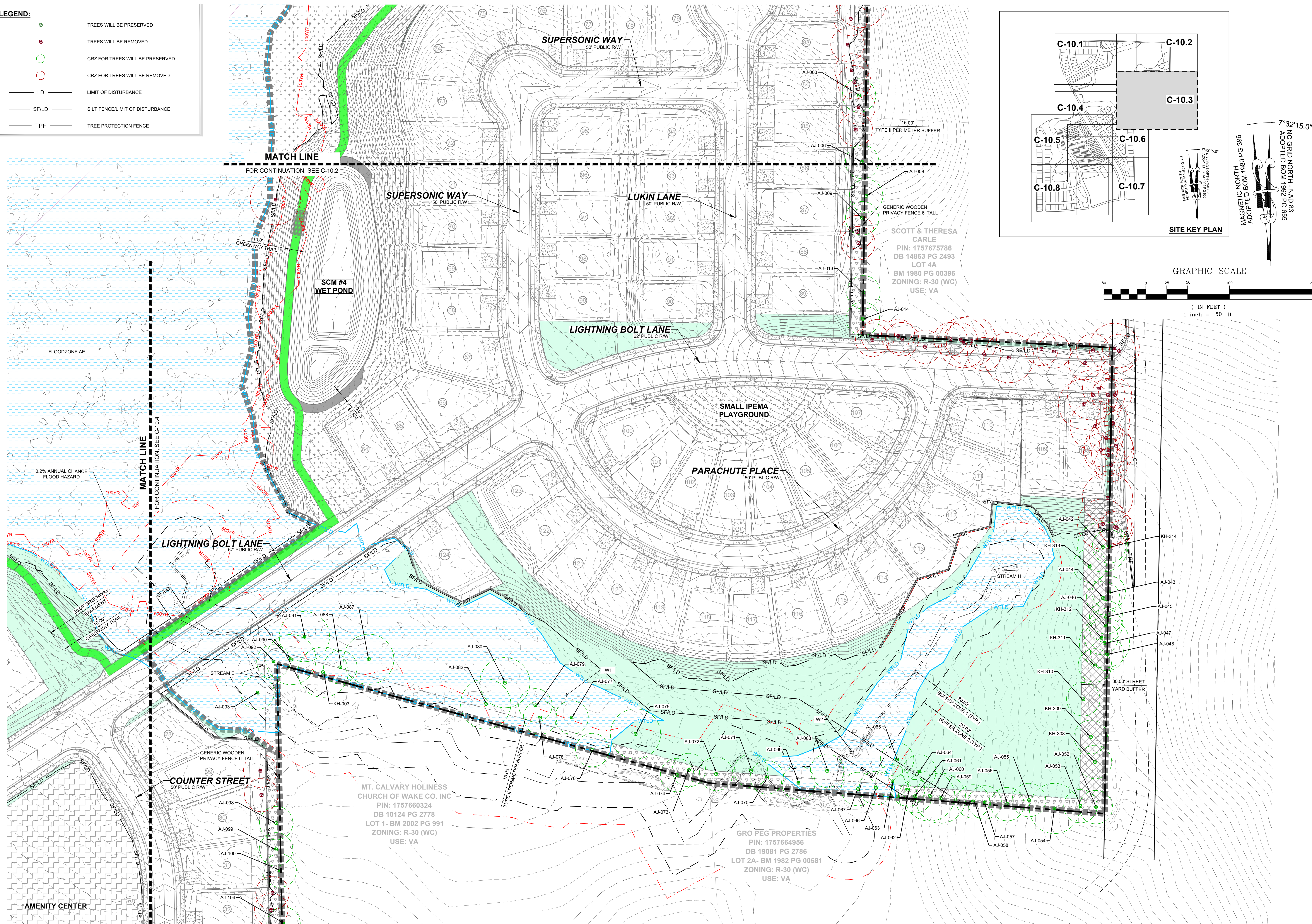
RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAN
PRESERVATION PLAN II

DRAWING SHEET
C-10.2

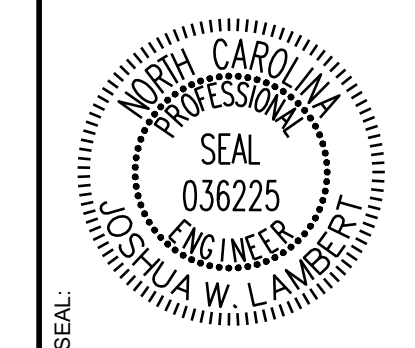
70 OF 82

LEGEND:

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



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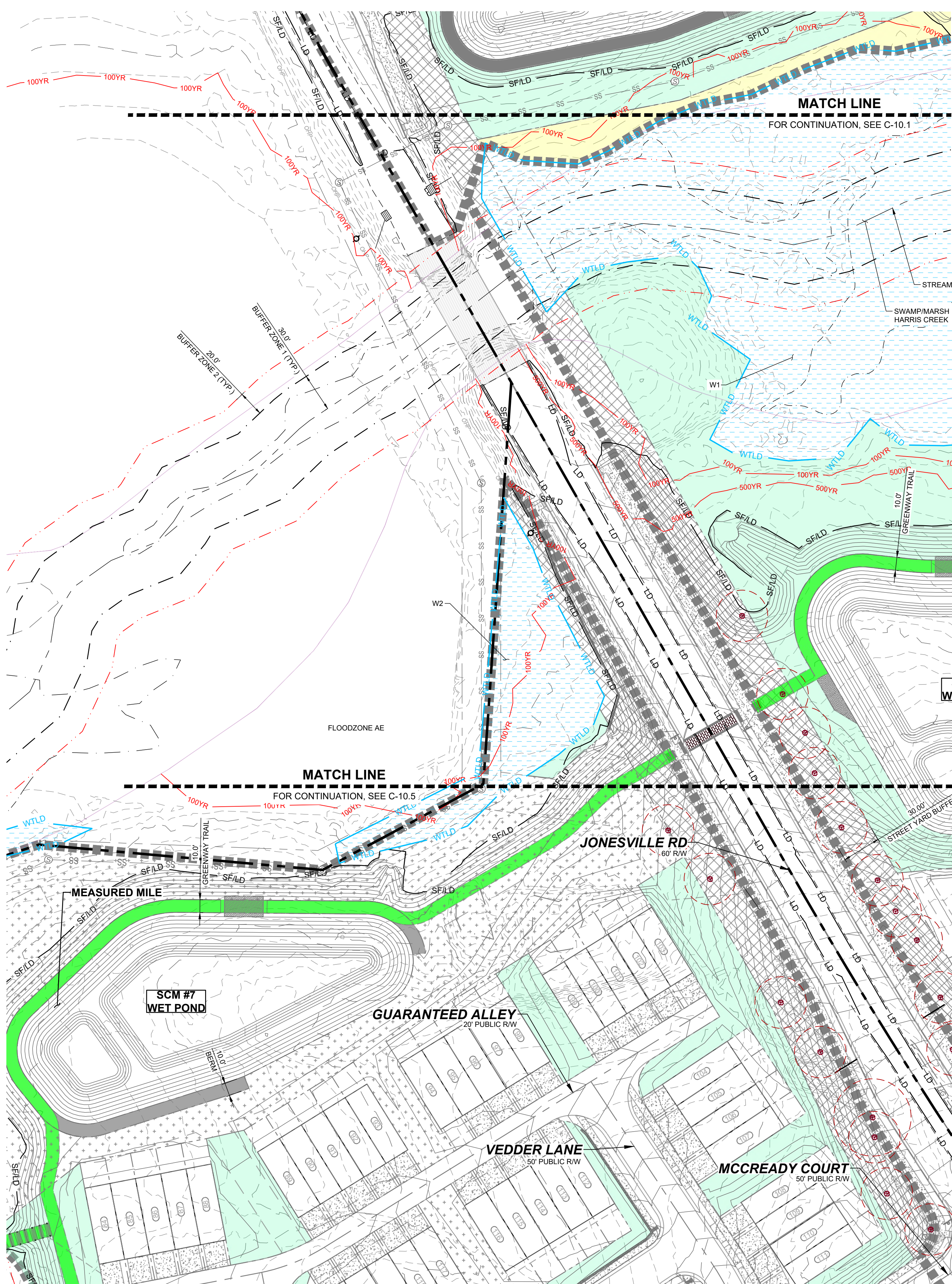
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN III

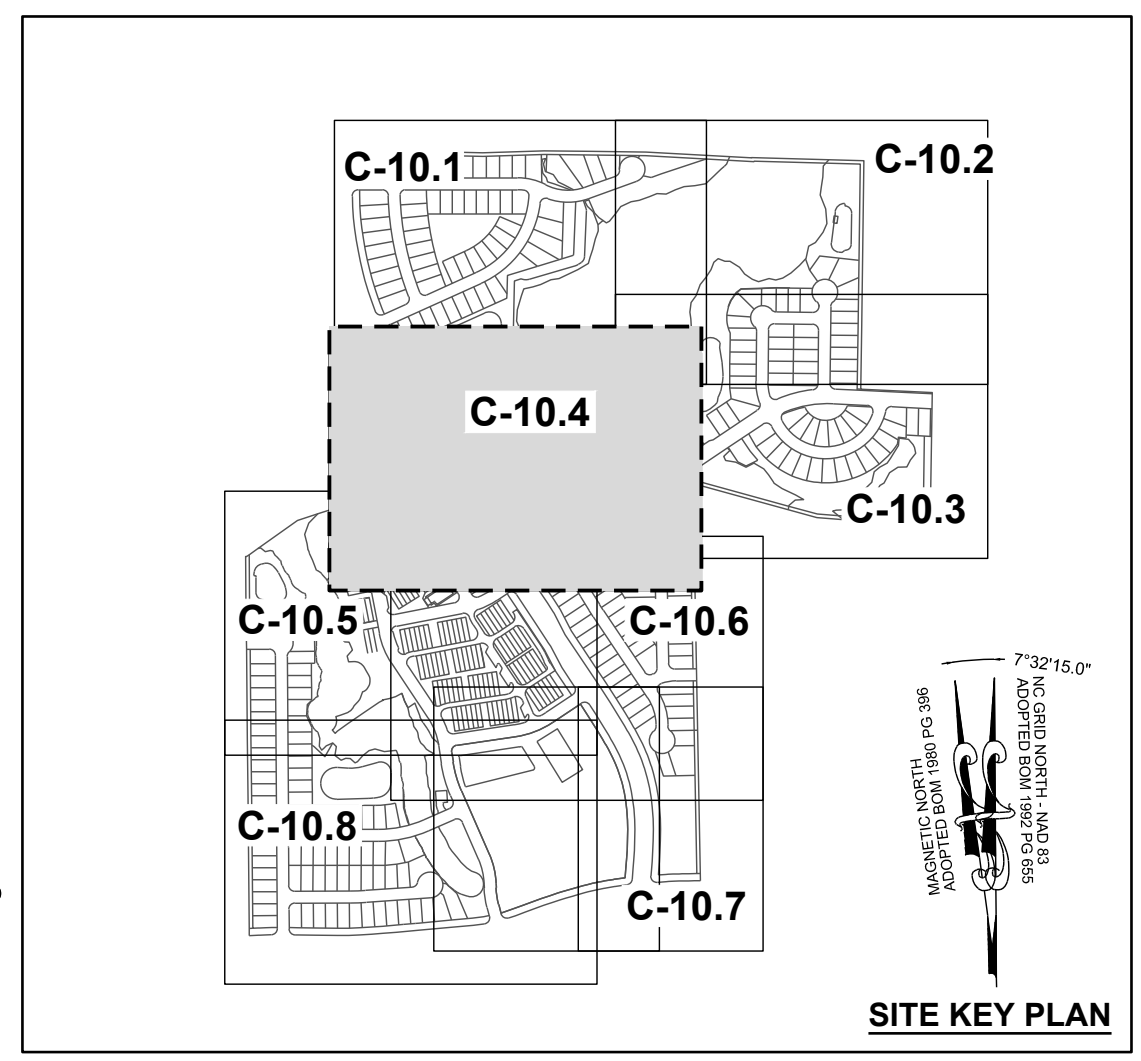
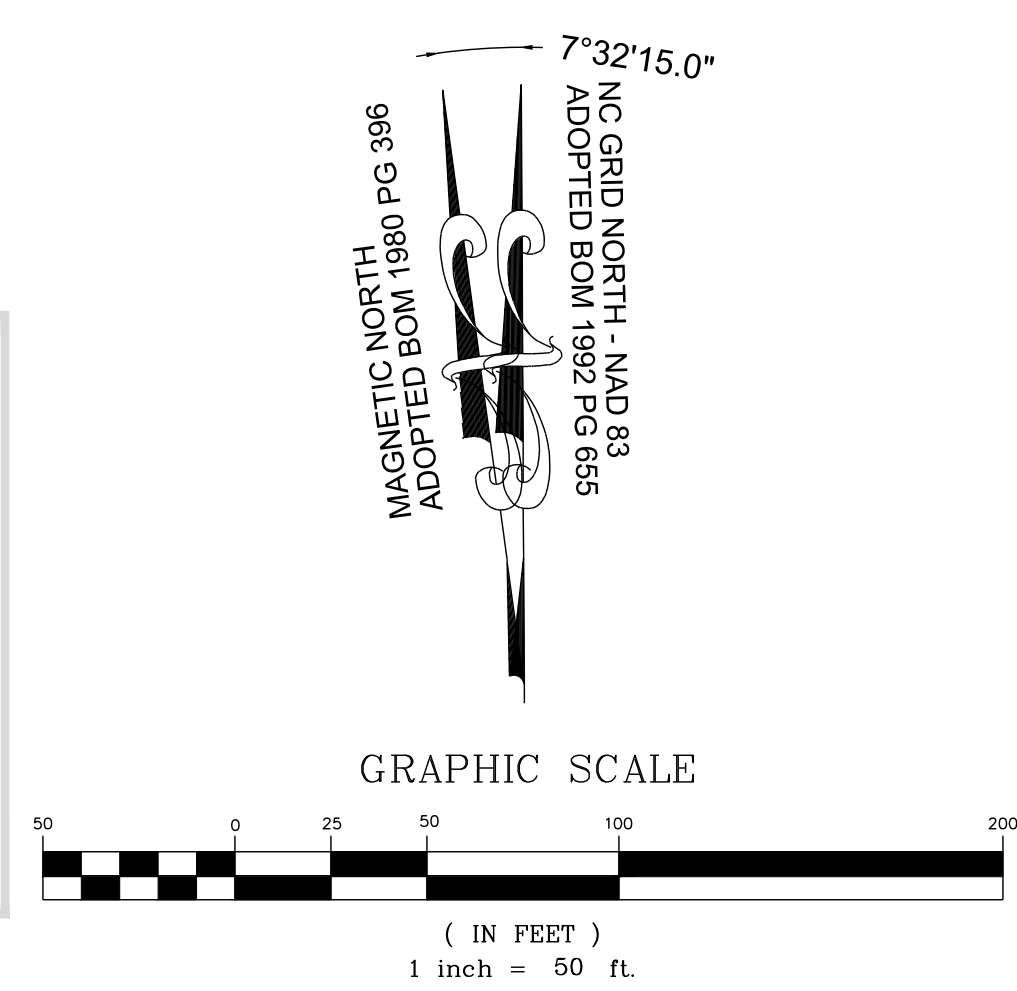
DRAWING SHEET
C-10.3

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LEGEND:

	TREES WILL BE PRESERVED
	TREES WILL BE REMOVED
	CRZ FOR TREES WILL BE PRESERVED
	CRZ FOR TREES WILL BE REMOVED
	LIMIT OF DISTURBANCE
	SILT FENCE/LIMIT OF DISTURBANCE
	TREE PROTECTION FENCE



No.	REVISIONS	DATE	BY
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

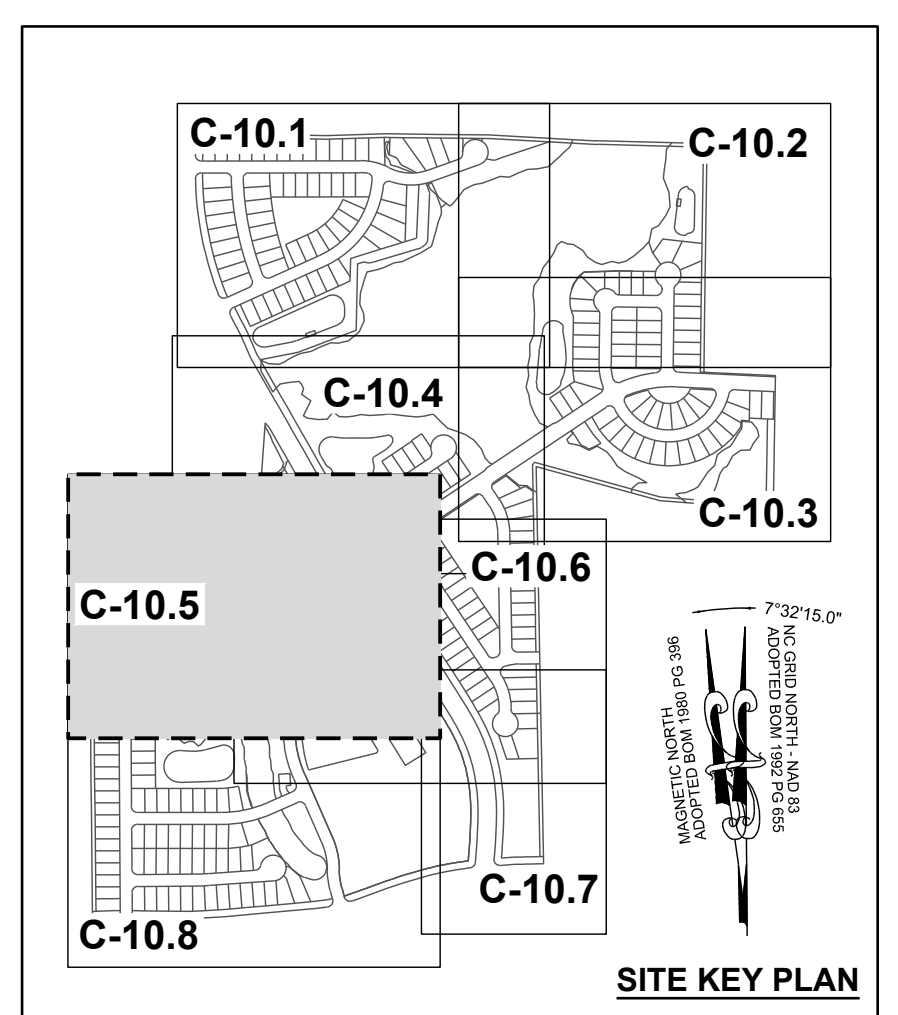
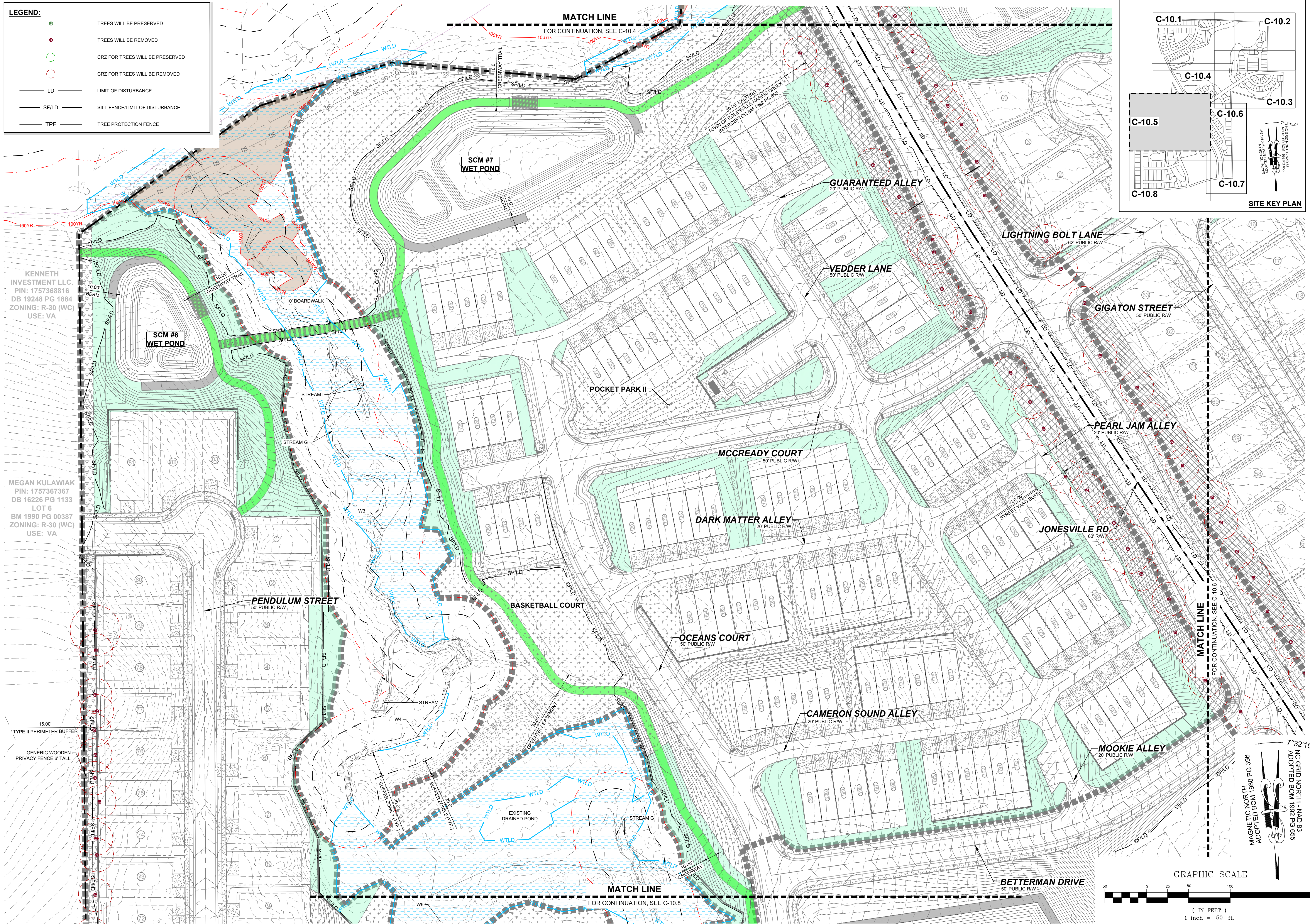
RESERVE @ MITCHELL MILL
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
 PRELIMINARY SUBDIVISION PLAN
 PRESERVATION PLAN IV

DRAWING SHEET
C-10.4

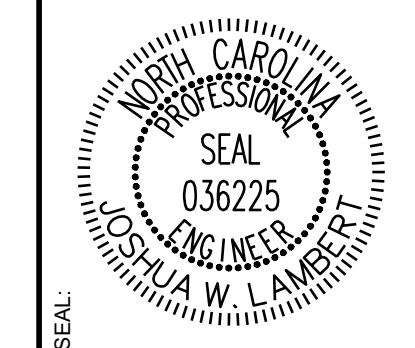
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LEGEND:

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



No.	REVISIONS	DATE	BY
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KENNETH INVESTMENT LLC.
PIN: 1757368816
DB 19248 PG 1884
ZONING: R-30 (WC)
USE: VA

MEGAN KULAWIAK
PIN: 1757367367
DB 16226 PG 1133
LOT 6
BM 1990 PG 00387
ZONING: R-30 (WC)
USE: VA

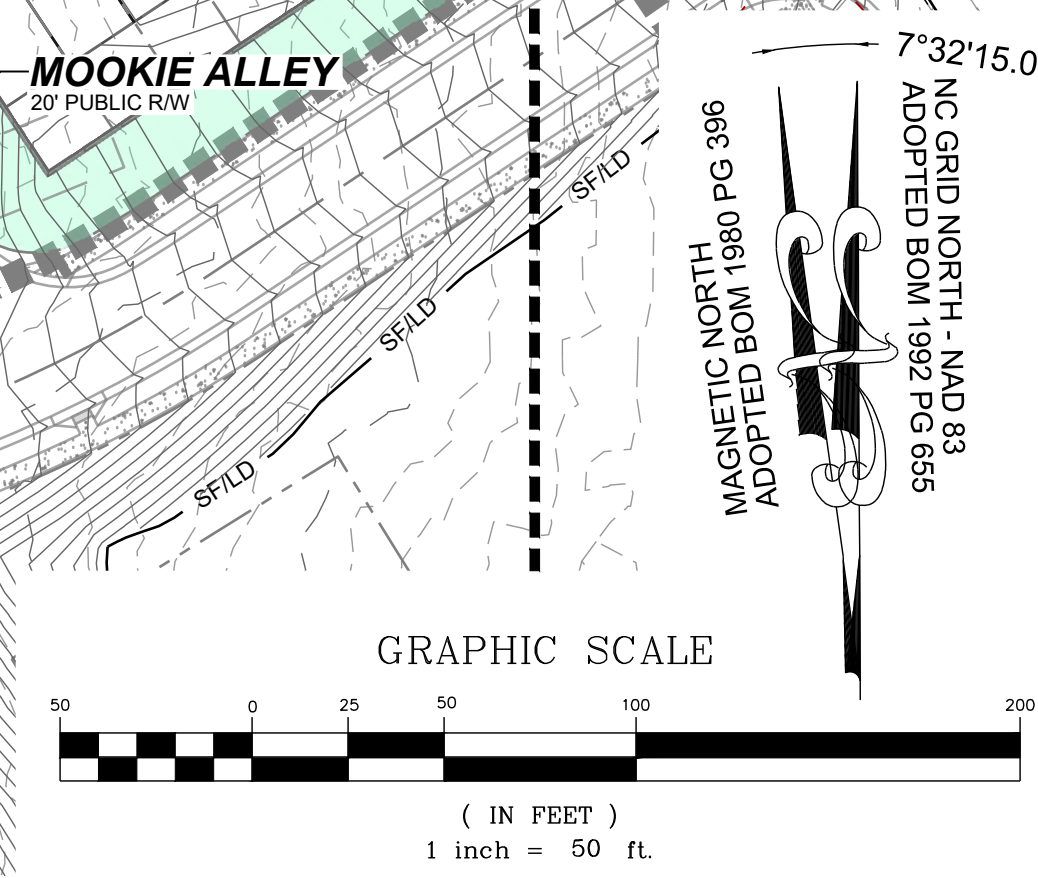
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ENGINEERING GROUP

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

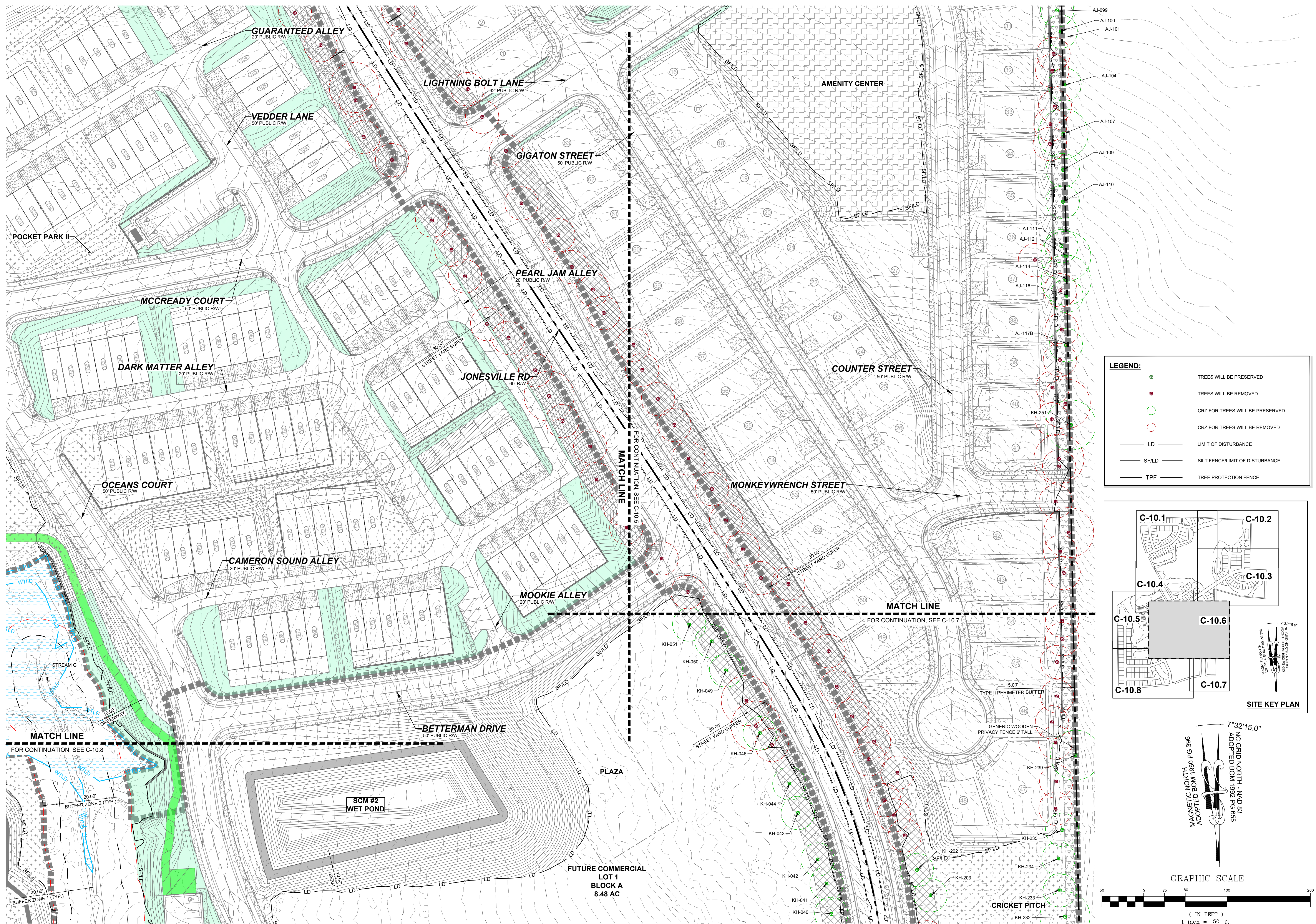
STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN V

DRAWING SHEET
C-10.5

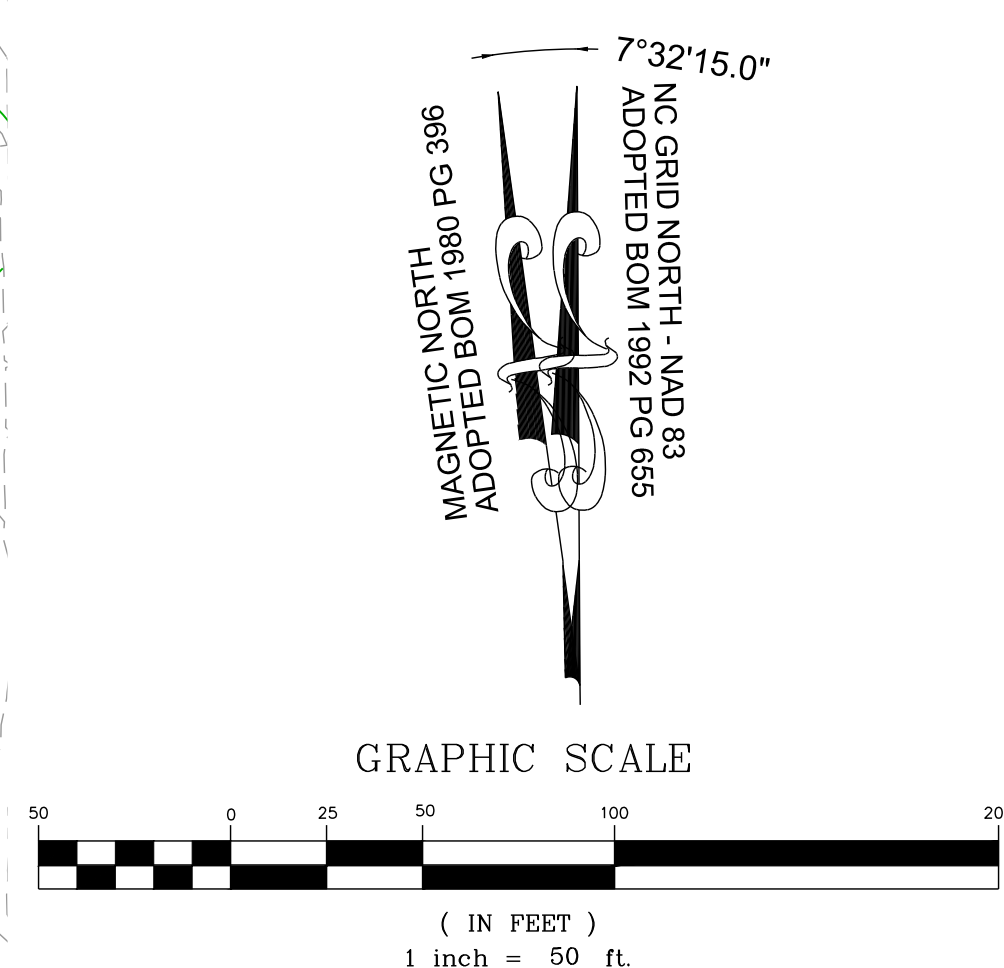
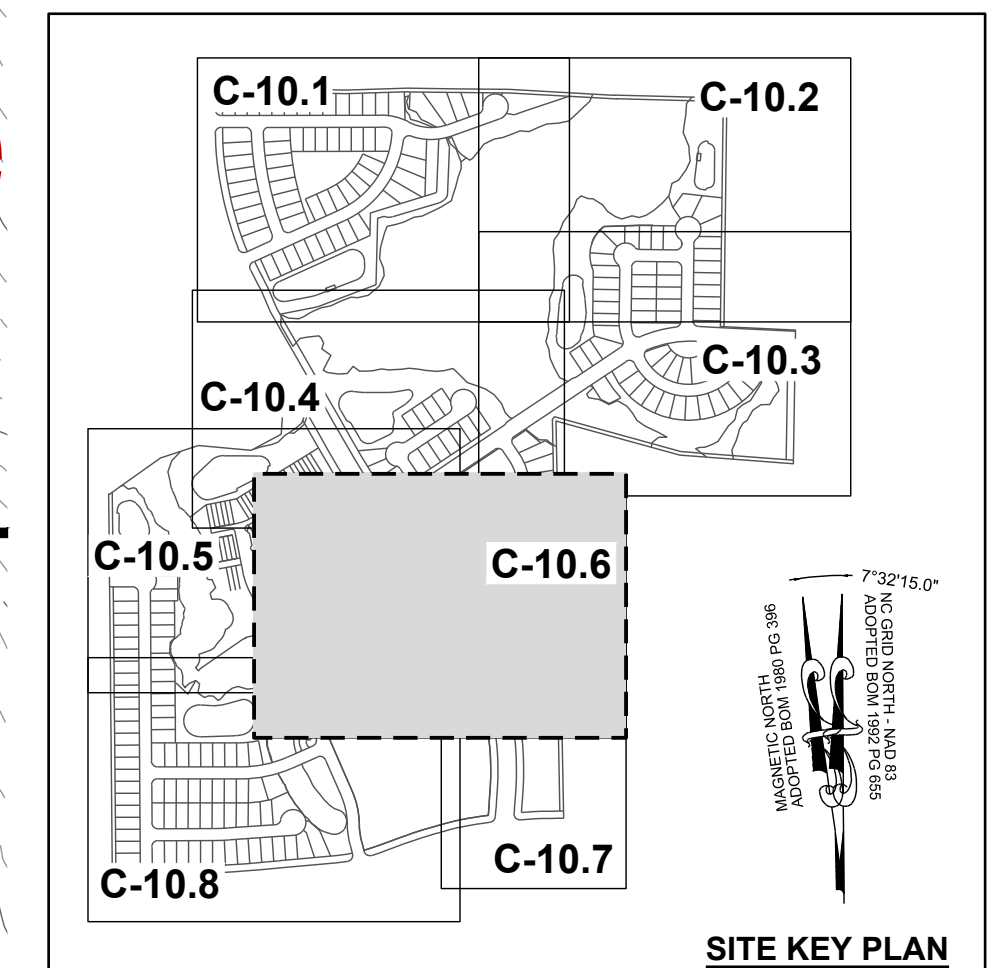


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LEGEND:

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



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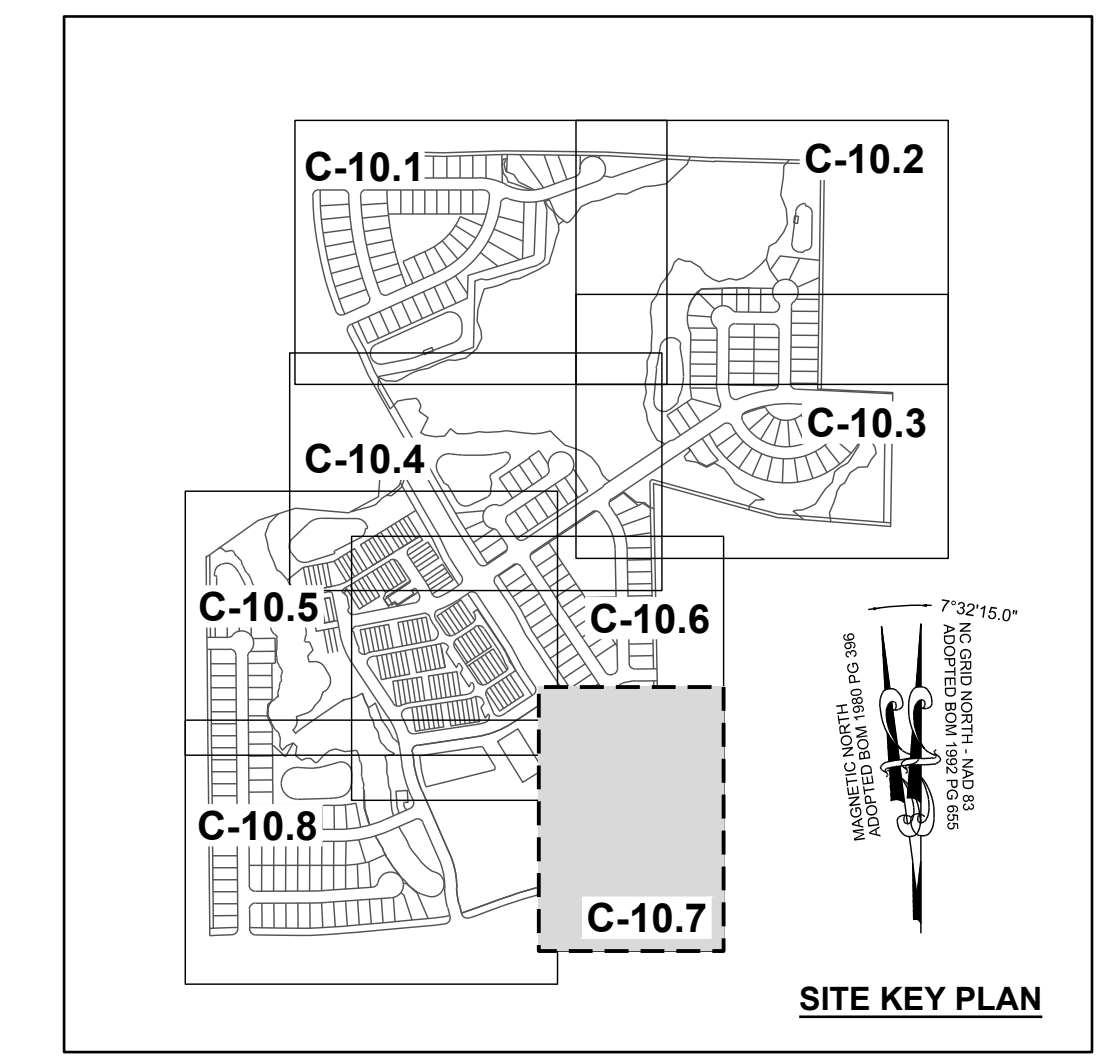
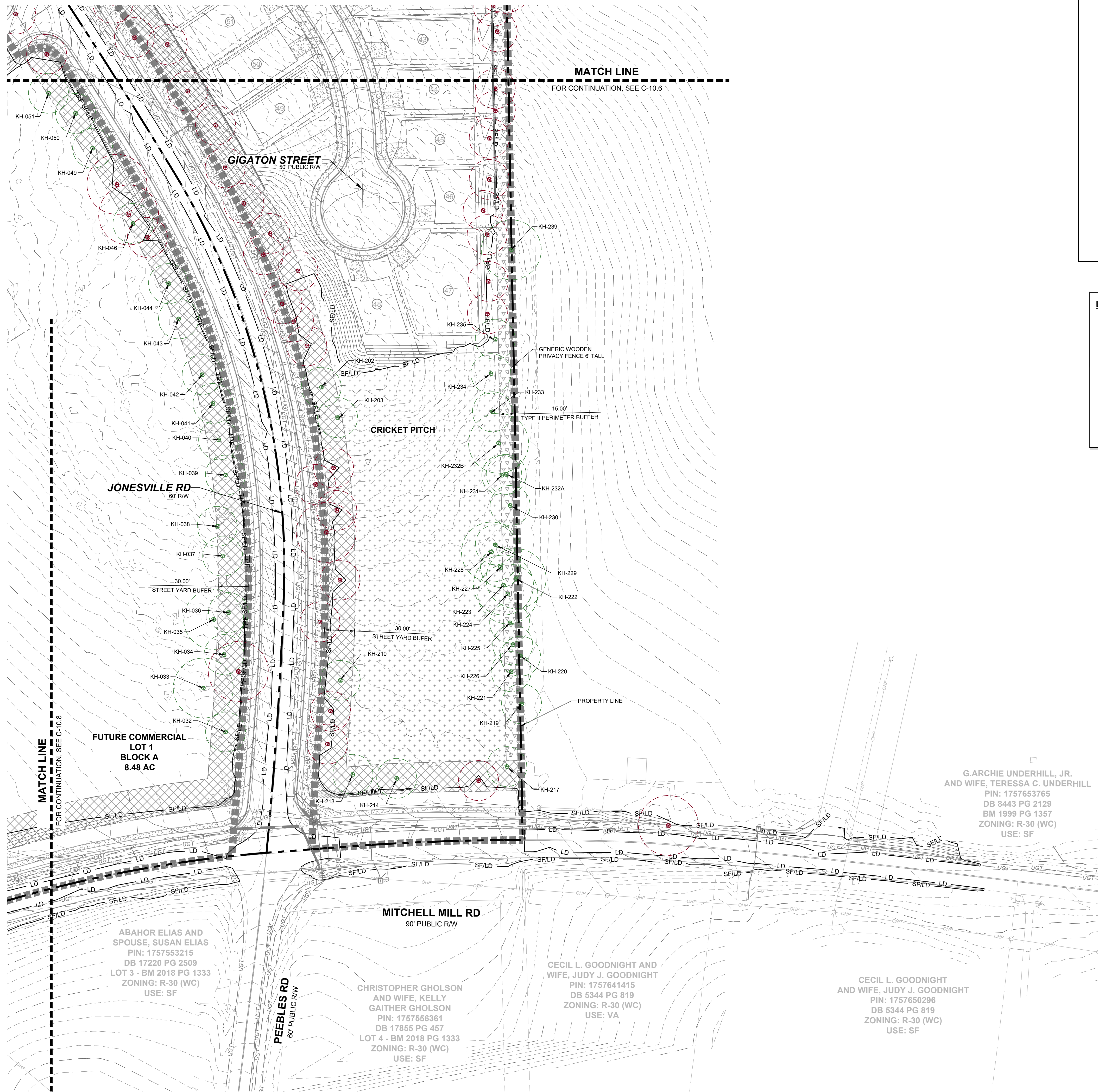
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN VI

DRAWING SHEET
C-10.6

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LEGEND:

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	TREES WILL BE REMOVED
	CRZ FOR TREES WILL BE PRESERVED
	CRZ FOR TREES WILL BE REMOVED
	LIMIT OF DISTURBANCE
	SILT FENCE/LIMIT OF DISTURBANCE
	TREE PROTECTION FENCE

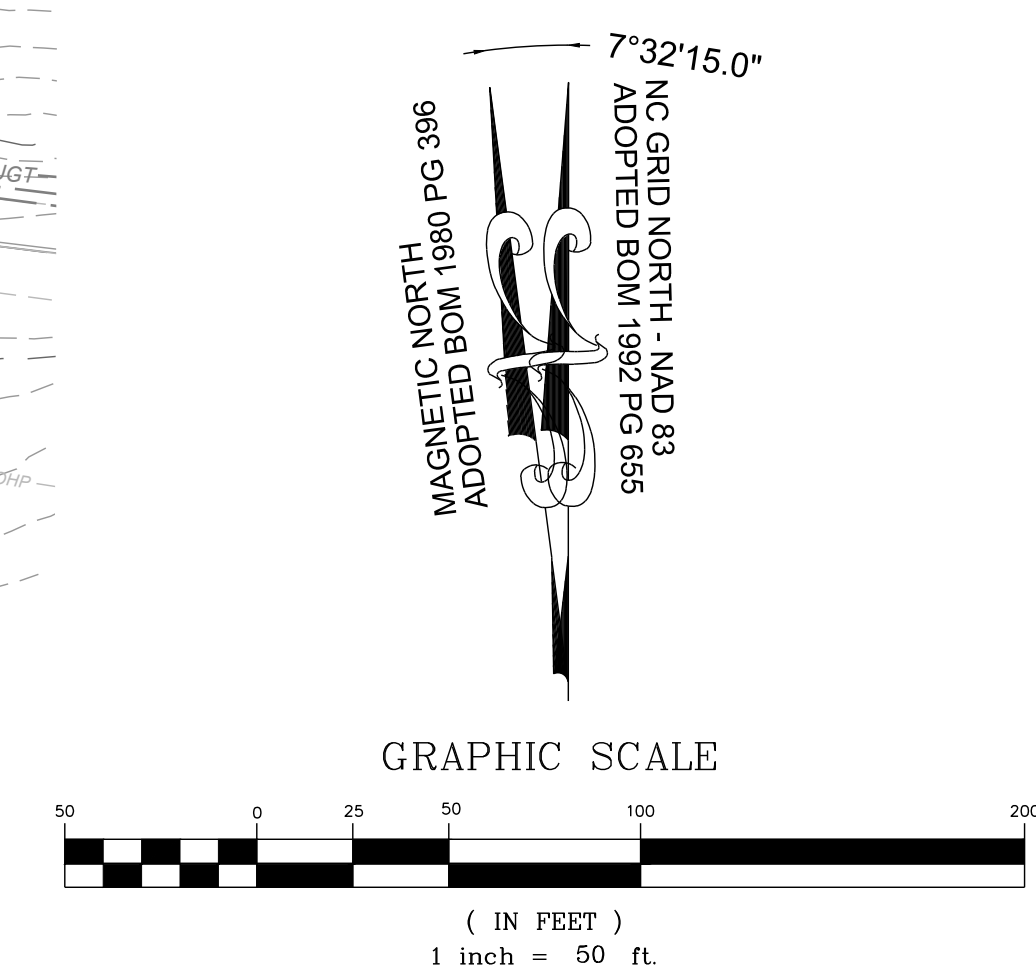
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ENGINEERING GROUP

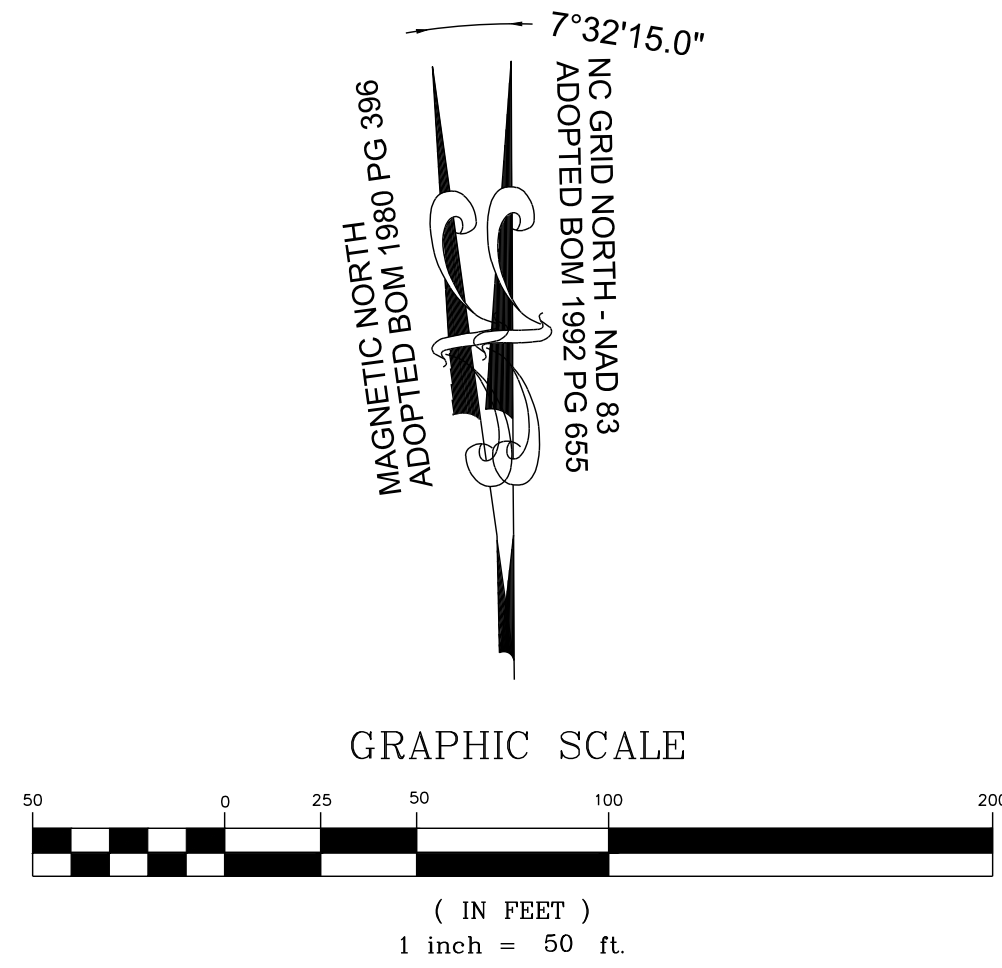
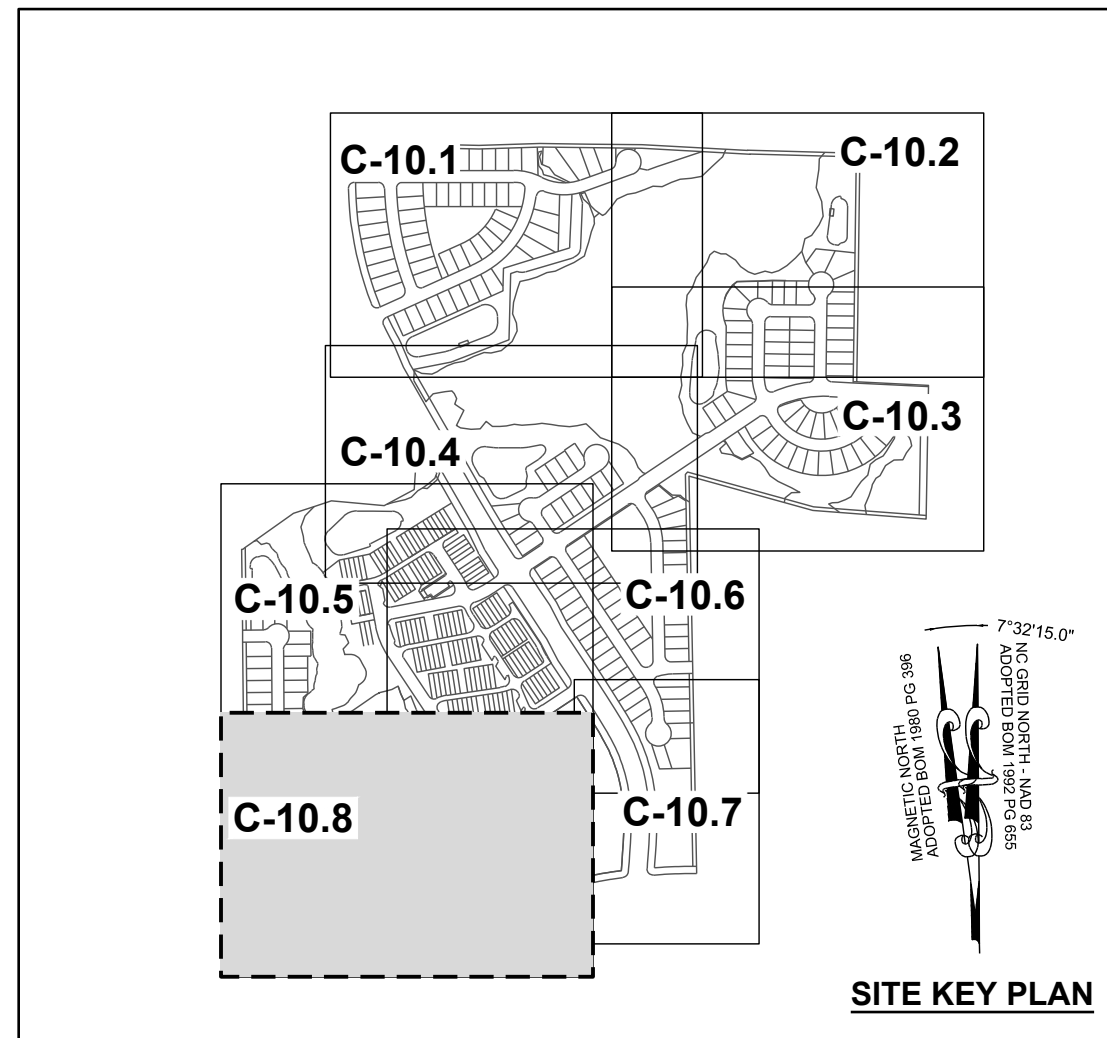
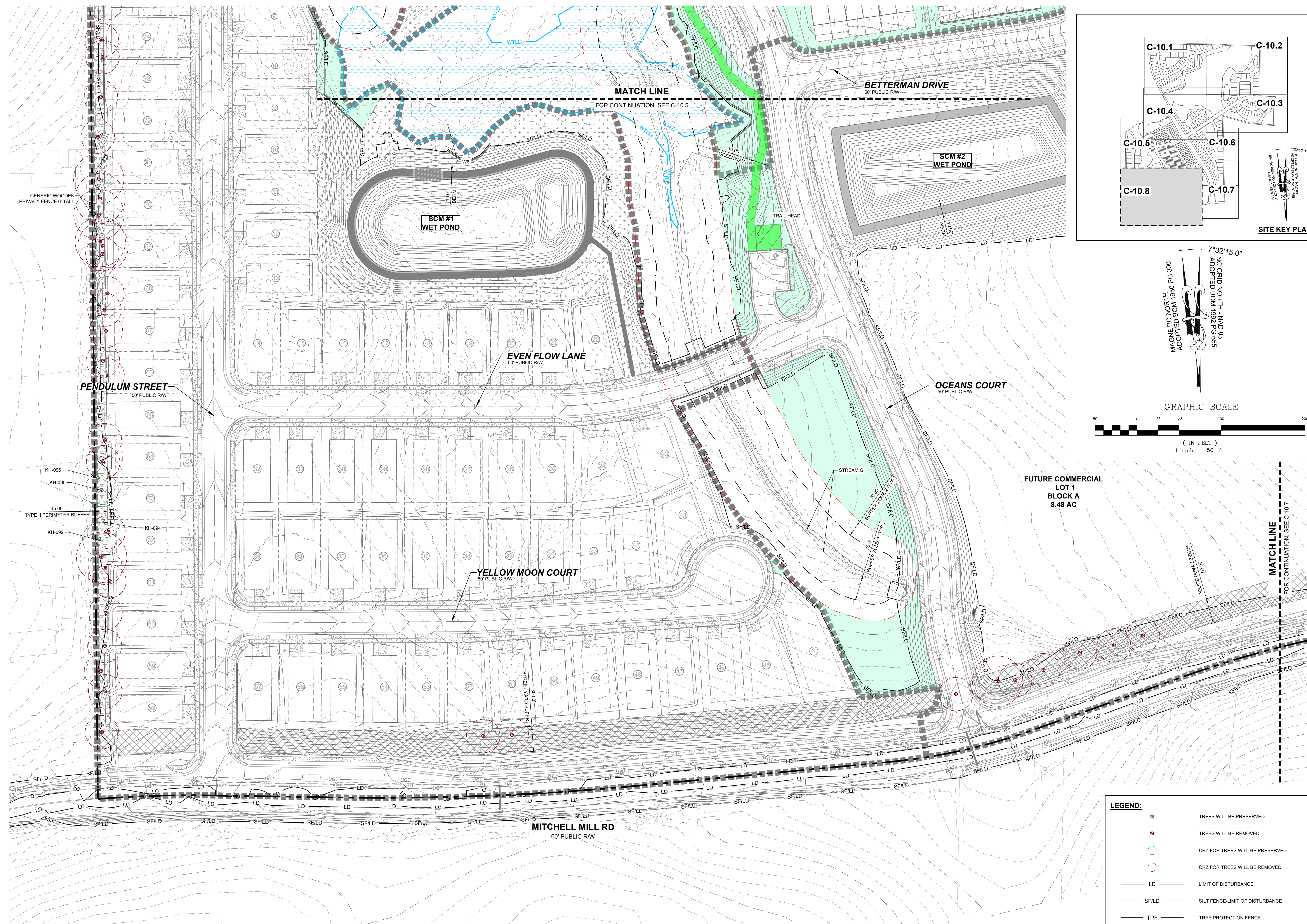
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	PSP-24-03
NOT FOR CONSTRUCTION	SCALE AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN VII



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LEGEND:

	TREES WILL BE PRESERVED
	TREES WILL BE REMOVED
	CRZ FOR TREES WILL BE PRESERVED
	CRZ FOR TREES WILL BE REMOVED
	LIMIT OF DISTURBANCE
	SILT FENCE/LIMIT OF DISTURBANCE
	TREE PROTECTION FENCE

NO.	REVISIONS	DATE	BY
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STRONGROCK
ENGINEERING GROUP

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

STRONG ROCK PROJECT P-24-03
NOT FOR CONSTRUCTION
SCALE AS SHOWN
DESIGNED BY JWL
DRAWN BY SRG
CHECKED BY JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
PRESERVATION PLAN VIII

DRAWING SHEET
C-10.8

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.

TREE INVENTORY SPECIES LIST table with columns: SPECIES, BOTANICAL NAME, etc.

Summary table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

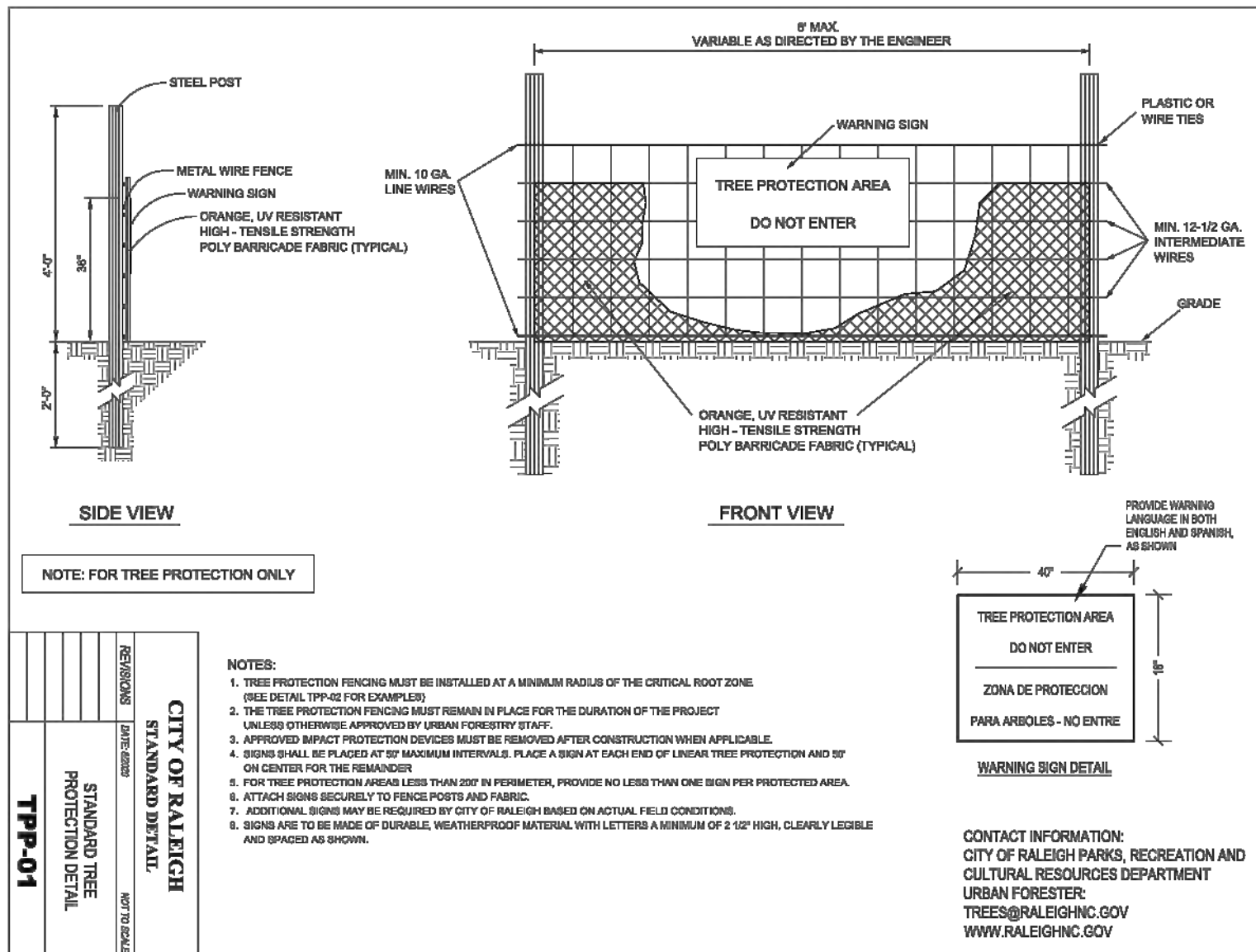
Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

Table with columns: NO OF TREES, BOTANICAL NAME, CALIPER INCHES, CONDITION OVERALL

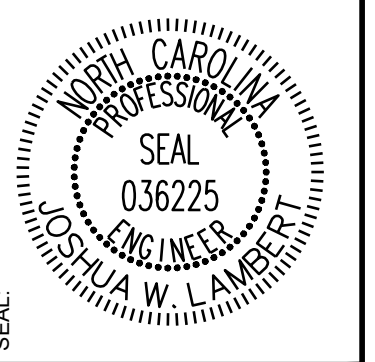
TREE TO BE REMOVED table with columns: TYPE, NO OF TREE, BOTANICAL NAME, CALIPER INCHES

Summary table for Tree to be Removed with columns: TREE TYPE, CODE SECTION, CALIPER MIN. (")

TREE TO BE REMOVED table with columns: TYPE, NO OF TREE, BOTANICAL NAME, CALIPER INCHES



Revision table with columns: NO., REVISIONS, DATE

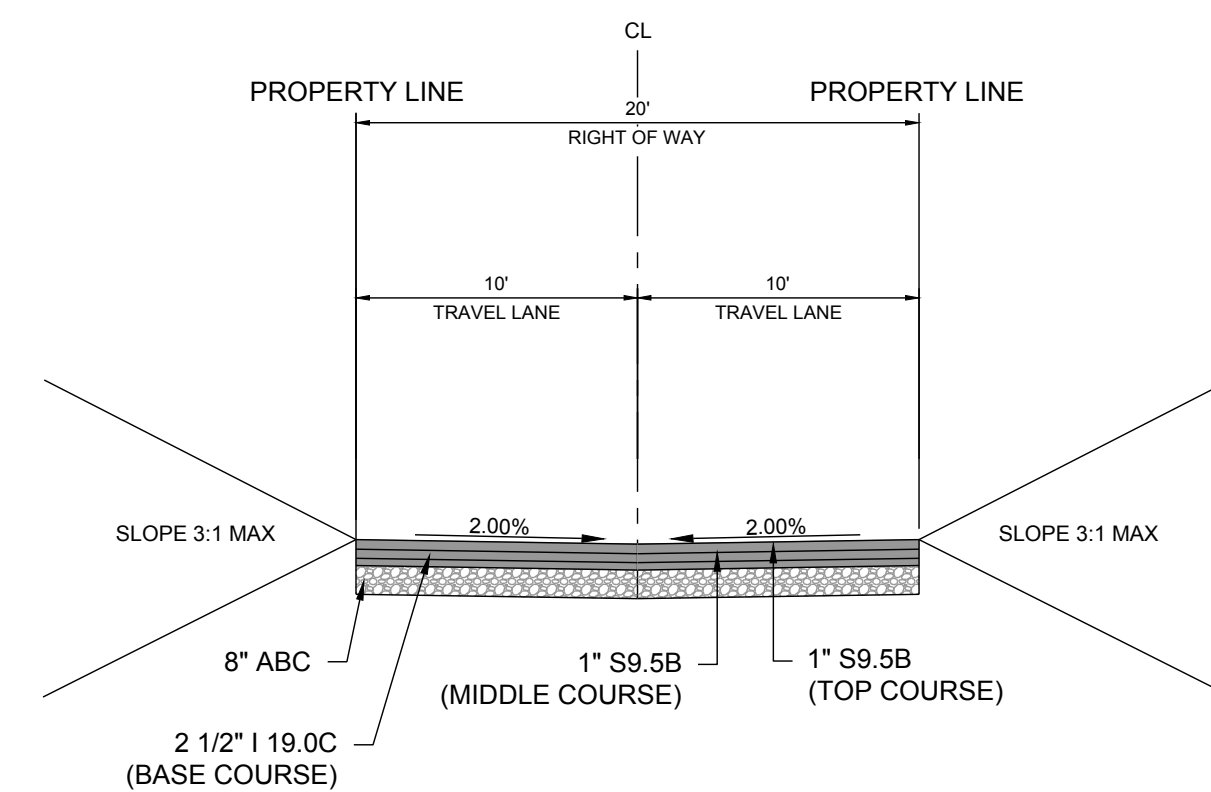


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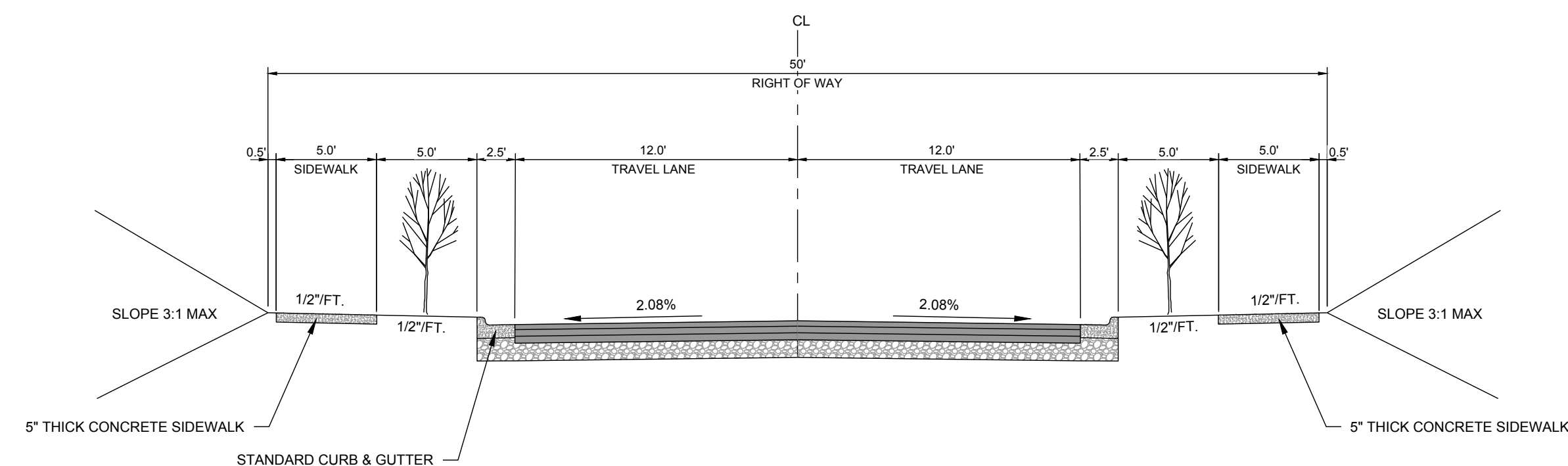
Project information table with columns: PROJECT, DRAWN BY, CHECKED BY, etc.

RESERVE @ MITCHELL MILL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA PRELIMINARY SUBDIVISION PLAT PRESERVATION PLAN TABLES

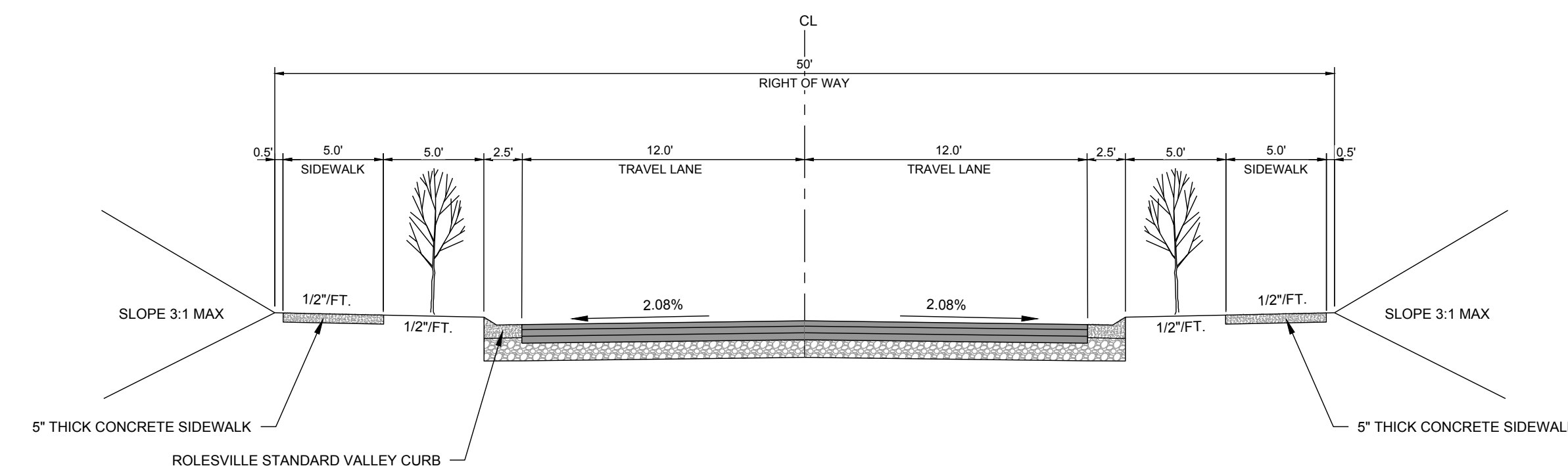
Drawing sheet information: DRAWING SHEET C-10.9



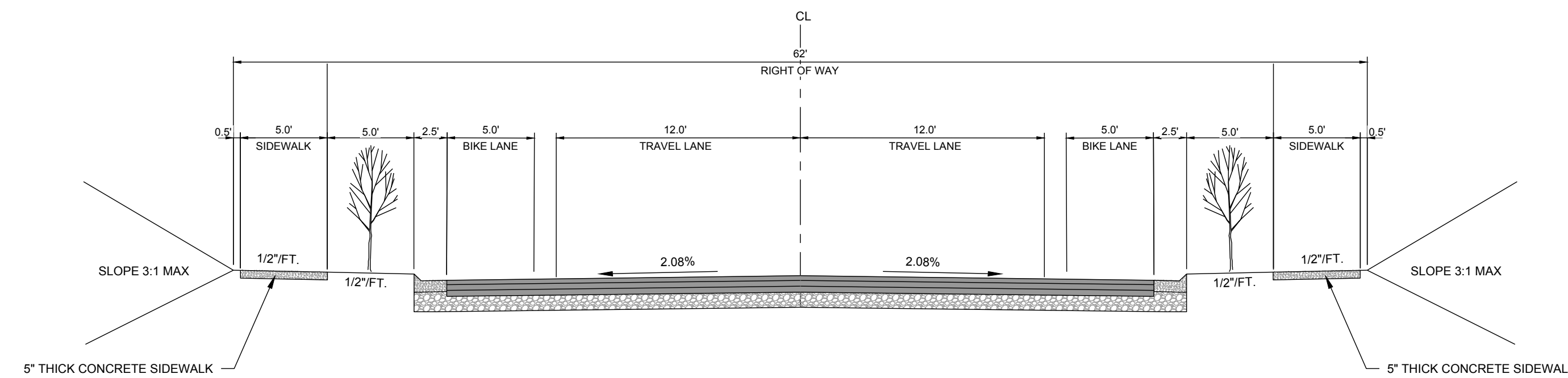
1 ALLEY CROSS SECTION - 20' ROW
D-1.0 SCALE: NTS



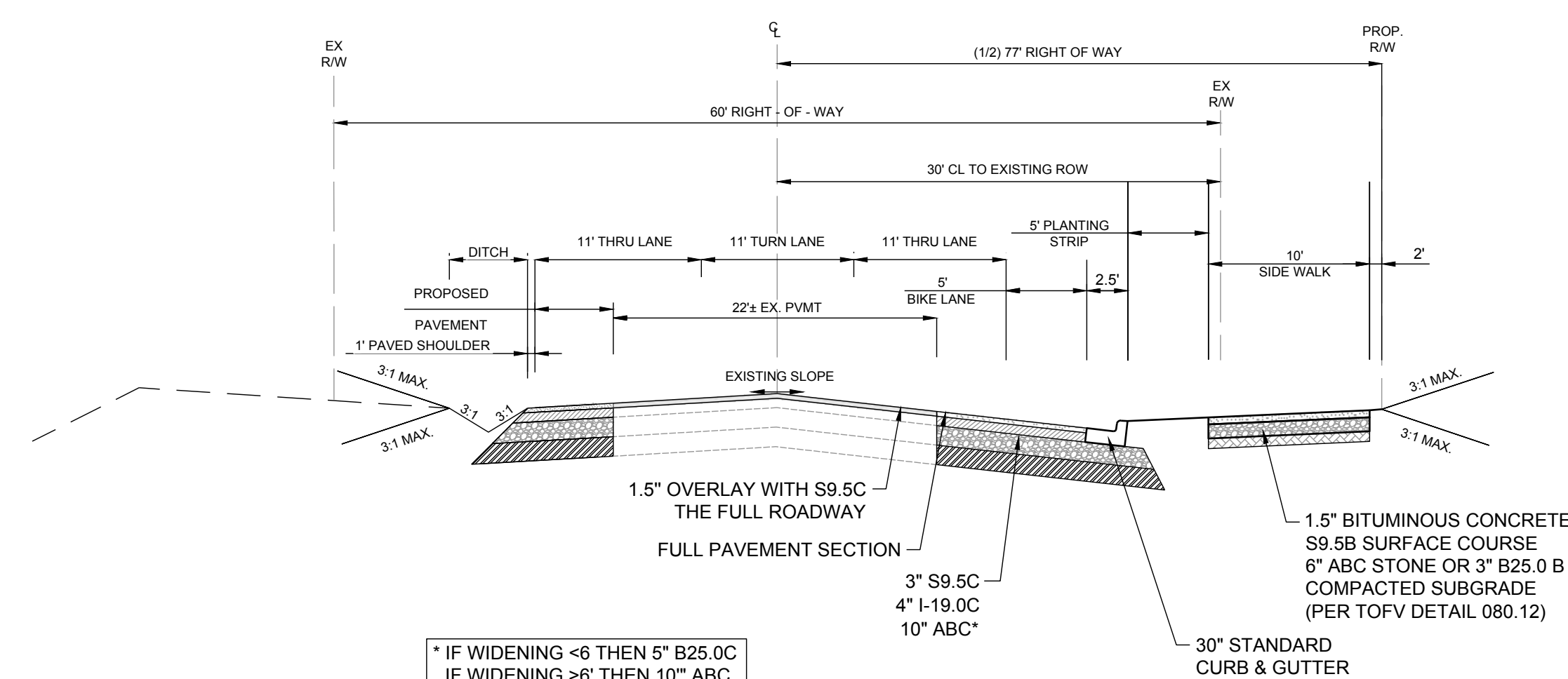
2 TYPICAL CROSS SECTION - 50' ROW
D-1.0 SCALE: NTS



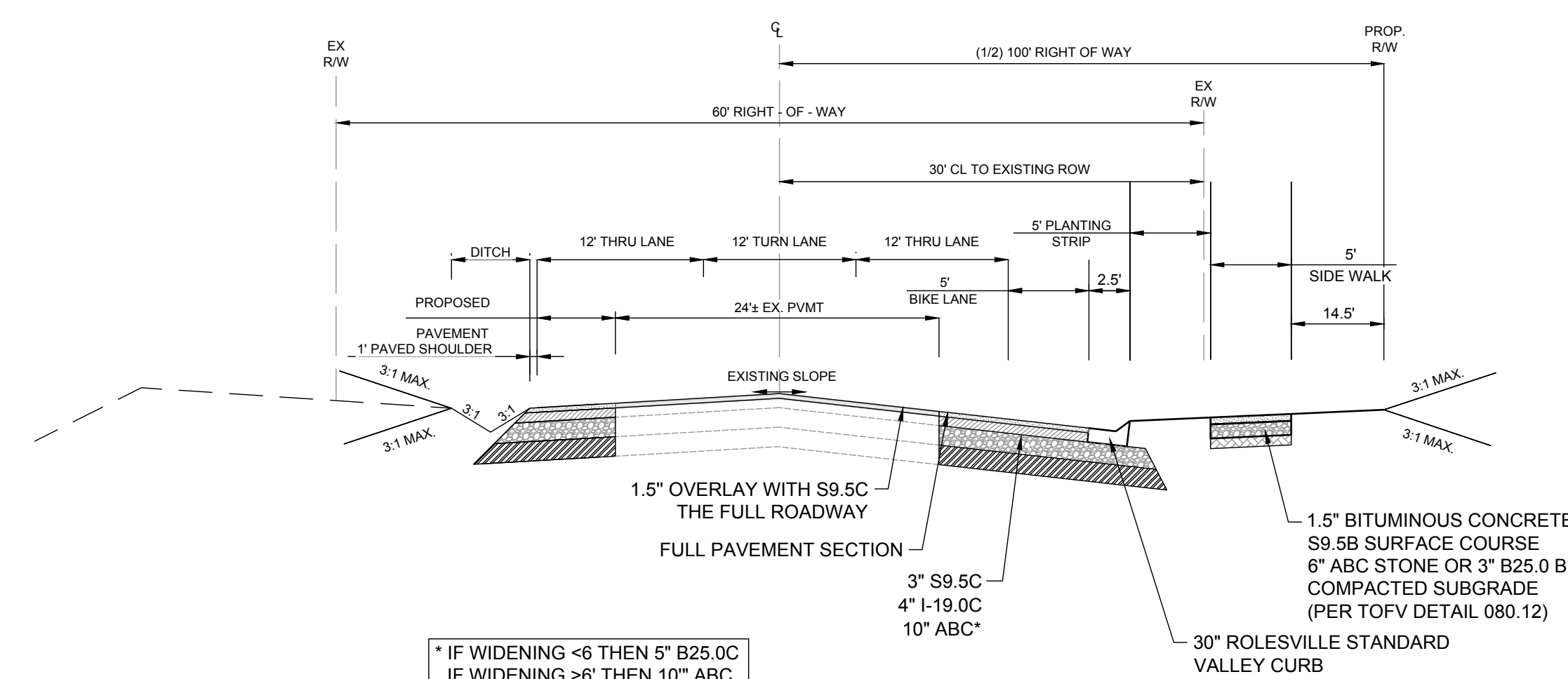
3 TYPICAL CROSS SECTION - 50' ROW
D-1.0 SCALE: NTS



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



5 JONESVILLE RD ROADWAY IMPROVEMENTS
D-1.0 SCALE: NTS

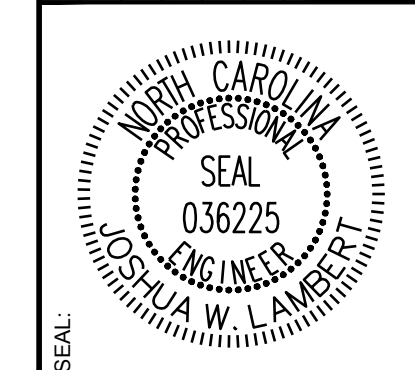


6 MITCHELL MILL RD ROADWAY IMPROVEMENTS
D-1.0 SCALE: NTS

* IF WIDENING <6 THEN 5" B25.0C
IF WIDENING >6 THEN 10" ABC

* IF WIDENING <6 THEN 5" B25.0C
IF WIDENING >6 THEN 10" ABC

NO.	REVISIONS	DATE	BY
01			
02			
03			
04			
05			
06			



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STRONG ROCK PROJECT	PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
SITE DETAILS

DRAWING SHEET
D-1.0

FRONT ELEVATION
TRANSVERSE EXPANSION JOINT

1. 30" CURB & GUTTER
2. 30" VALLEY TYPE GUTTER

MEDIAN CURB AND GUTTER
SIDE ELEVATION

MEDIAN CURB AND GUTTER
(NON-MOUNTABLE)

SPILL CURB DETAIL

4" COMPACTED A,B,C UNDER STANDARD CURB & GUTTER (MIN)
NO VALLEY CURB SHALL BE USED AT INTERSECTIONS, HYDRANTS, ETC.

NOTES:

1. 10' MAXIMUM BETWEEN DUMMY JOINTS.
- 15' MAXIMUM BETWEEN DUMMY JOINTS ON MACHINE POLES.
2. 1/2" EXPANSION JOINT EVERY 50'.
3. 3000 PSI CONCRETE MINIMUM, 4" SLUMP MAXIMUM.
4. LIQUID MEMBRANE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
5. ALL CONSTRUCTION JOINTS SHALL BE FILLED WITH JOINT FILLER AND SEALER IN ACCORDANCE WITH NCDOT ROADWAY STANDARD DETAIL #86.01 THE JOINT MATERIAL SHALL CONFORM TO SECTION 1028-2 OF NCDOT STANDARD & SPECIFICATIONS FOR ROADS AND STRUCTURES.
6. REFER TO NCDOT DETAIL #86.01 FOR CURB AND GUTTER SUPERELEVATION RATES.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

CURB AND GUTTER

T-10.26.1

PLAN VIEW

SECTION A-A SECTION B-B SECTION C-C

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

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

CURB TRANSITION TO 2'-6" VALLEY GUTTER

T-10.26.2

TYPE N-4

TYPE N-4A

NOTES:

1. 7.5%; 8.33% (1:12) MAX RAMP SLOPE
2. 1.5%; 2.08% (1:48) MAX CROSS SLOPE
3. CURB RAMP REQUIRE A 6" MINIMUM LANDING WITH A MAXIMUM CROSS SLOPE AND LONGITUDINAL SLOPE OF 1.5% (2.08%) MAY WHERE PEDESTRIANS PERFORM TURNING MANEUVERS. SLOPE TO DRAIN TO CURB.
4. RAMPS AND DOMES SHALL BE INSTALLED THE SAME WIDTH AS THE SIDEWALK.
5. IF LENGTH EXCEEDS 5', TRUNCATED DOMES SHALL BE INSTALLED ALONG THE BACK OF THE CURB COVERING THE FULL WIDTH OF THE RAMP.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

CURB RAMPS (NEW DEVELOPMENT)

T-20.01.4

STANDARD TEMPORARY BARRICADE

NOTES:

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

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

STANDARD TEMPORARY BARRICADE

SW-20.17

DETAIL

NOTES:

1. TAPER ON BOTH ENDS OF ROADWAY WIDENING SHALL BE A MINIMUM OF 100 FEET.
2. DELINEATORS SHALL BE SPACED AT 1/3 OF THE DISTANCE 'X' SHOWN BELOW. FOR NEW ASPHALT WIDTHS > 5 FT FEET OR AT 1/4 OF 'X' FOR NEW ASPHALT WIDTHS > 15 FEET.
3. DELINEATORS SHALL BE MOUNTED ON BREAKAWAY POSTS.
4. CALL 811 FOR UNDERGROUND UTILITY LOCATE PRIOR TO INSTALLATION.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

STANDARD PAVEMENT WIDENING TAPER & MARKINGS

T-10.27

DRIVEWAY GRADES

A. CURB & GUTTER, SIDEWALK SECTION

B. SHOULDER SECTION

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

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

DRIVEWAY GRADES

T-10.04

TYPICAL SECTION

TRANSVERSE EXPANSION JOINT

PLAN VIEW

NOTES:

1. CURB AND EXPANSION JOINTS TO BE A MAXIMUM OF 6" DEPTH.
2. ALL CONCRETE TO BE 3000 PSI AND FINISHED WITH CURING COMPOUND.
3. A 3/8" INCH DEPTH IS REQUIRED AT LOCATIONS OF DRIVEWAY CROSSINGS, DRIVEWAY ENDS, AND IN THE HANDICAP RAMPS.
4. COMPACTED ABC STONE MAY BE REQUIRED AS SUBGRADE AT THE DISCRETION OF THE INSPECTOR FINISHED TO GRADE AND CROSS SECTION WITH A 1.0% TROWEL SMOOTH AND FINISH WITH A BROOM.
5. TROWEL SMOOTH AND FINISH WITH A BROOM.
6. WHERE UTILITY BOX/VOLTS MUST BE LOCATED IN THE SIDEWALK, THEY SHALL HAVE A MINIMUM 6" WIDE FRAME OF CONCRETE AROUND THEM.

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

CONCRETE SIDEWALK

T-30.01.1

PLAN VIEW

SECTION A-A SECTION B-B SECTION C-C

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

CITY OF RALEIGH
STANDARD DETAIL

REVISIONS DATE: 03/2022 NOT TO SCALE

CURB TRANSITION TO 2'-6" VALLEY GUTTER

T-10.26.2

NO.	REVISIONS	DATE	BY
01			
02			
03			
04			
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PRELIMINARY SUBDIVISION PLAT P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03

SEAL: NORTH CAROLINA PROFESSIONAL SEAL 036225 JUSTIN W. LAMBERT

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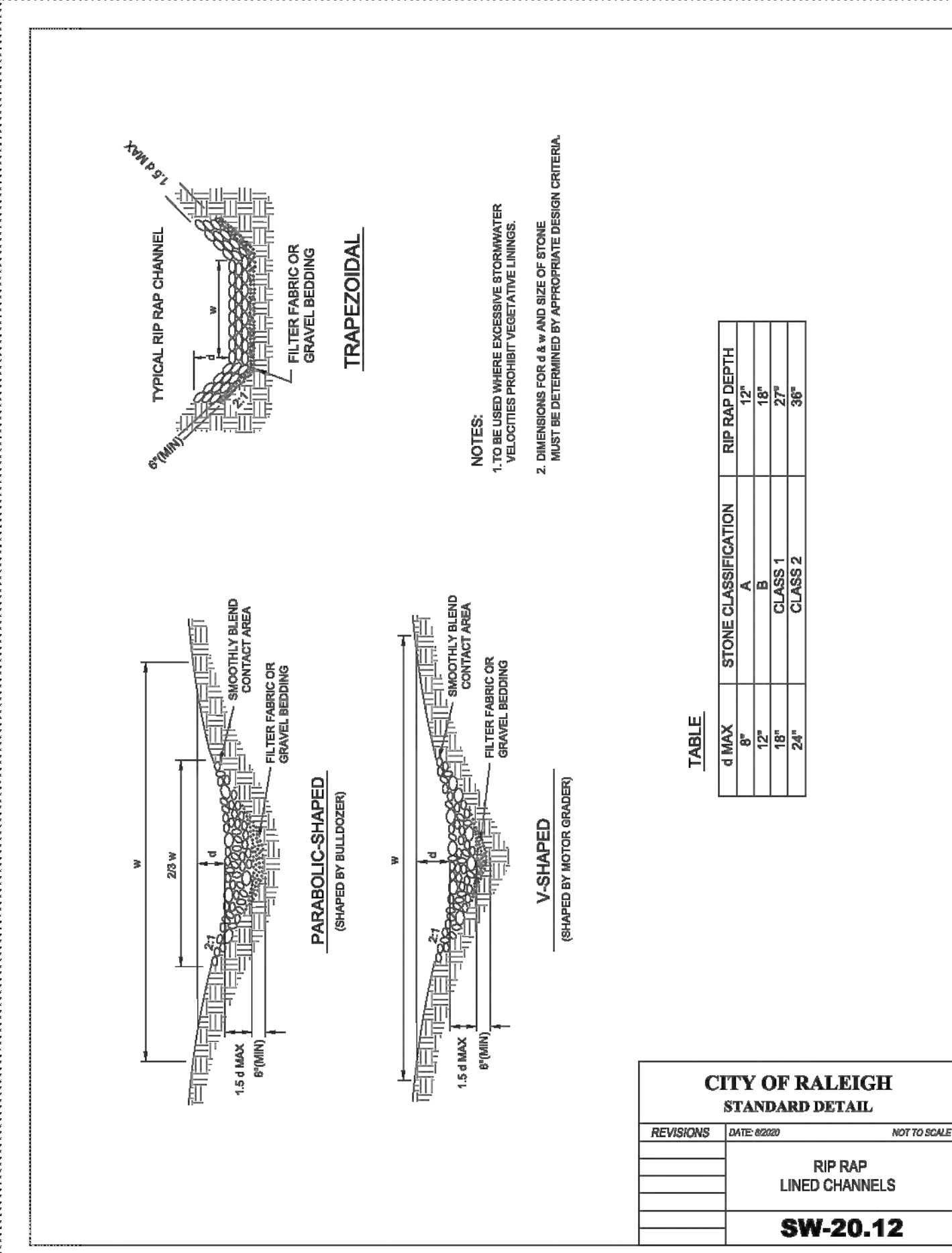
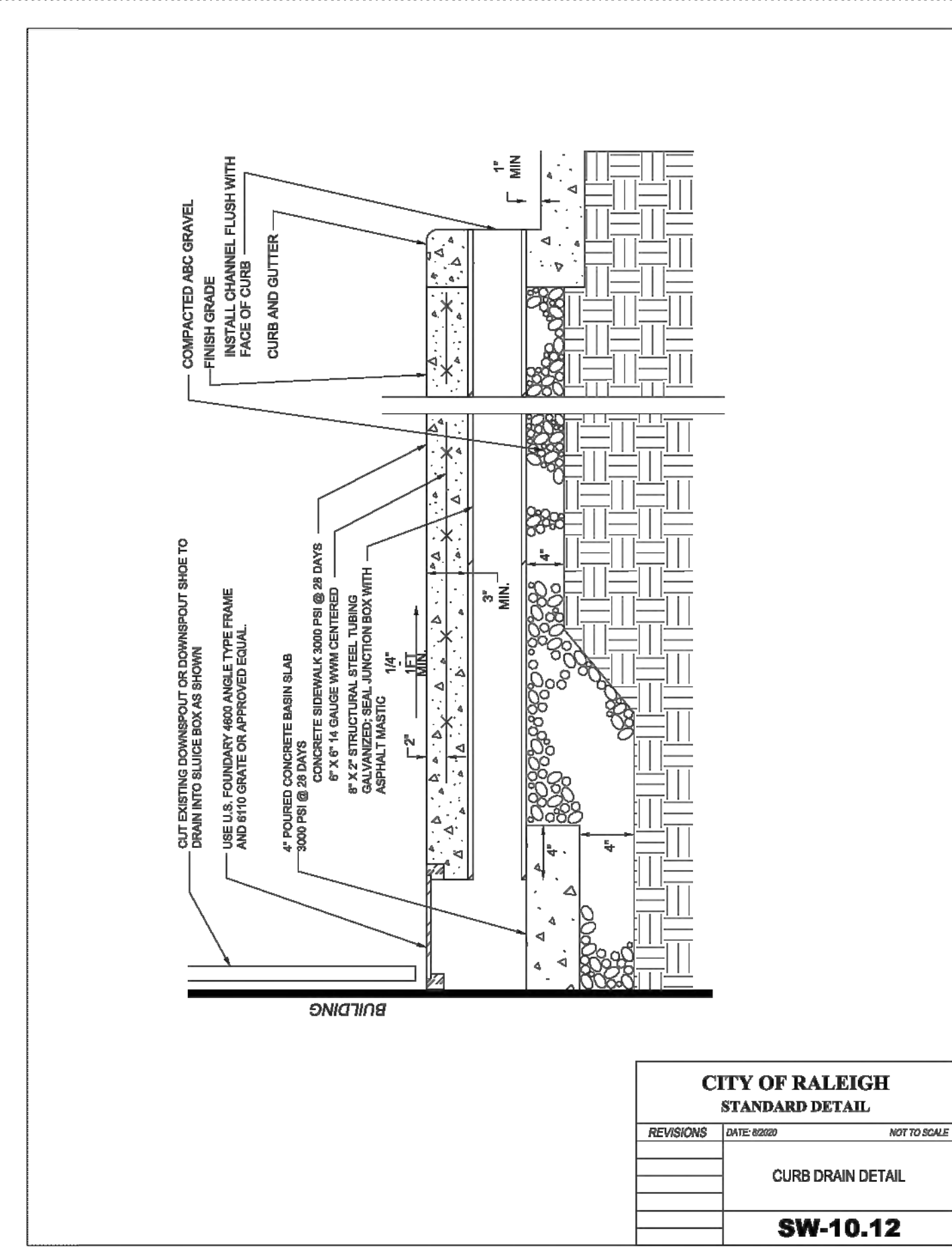
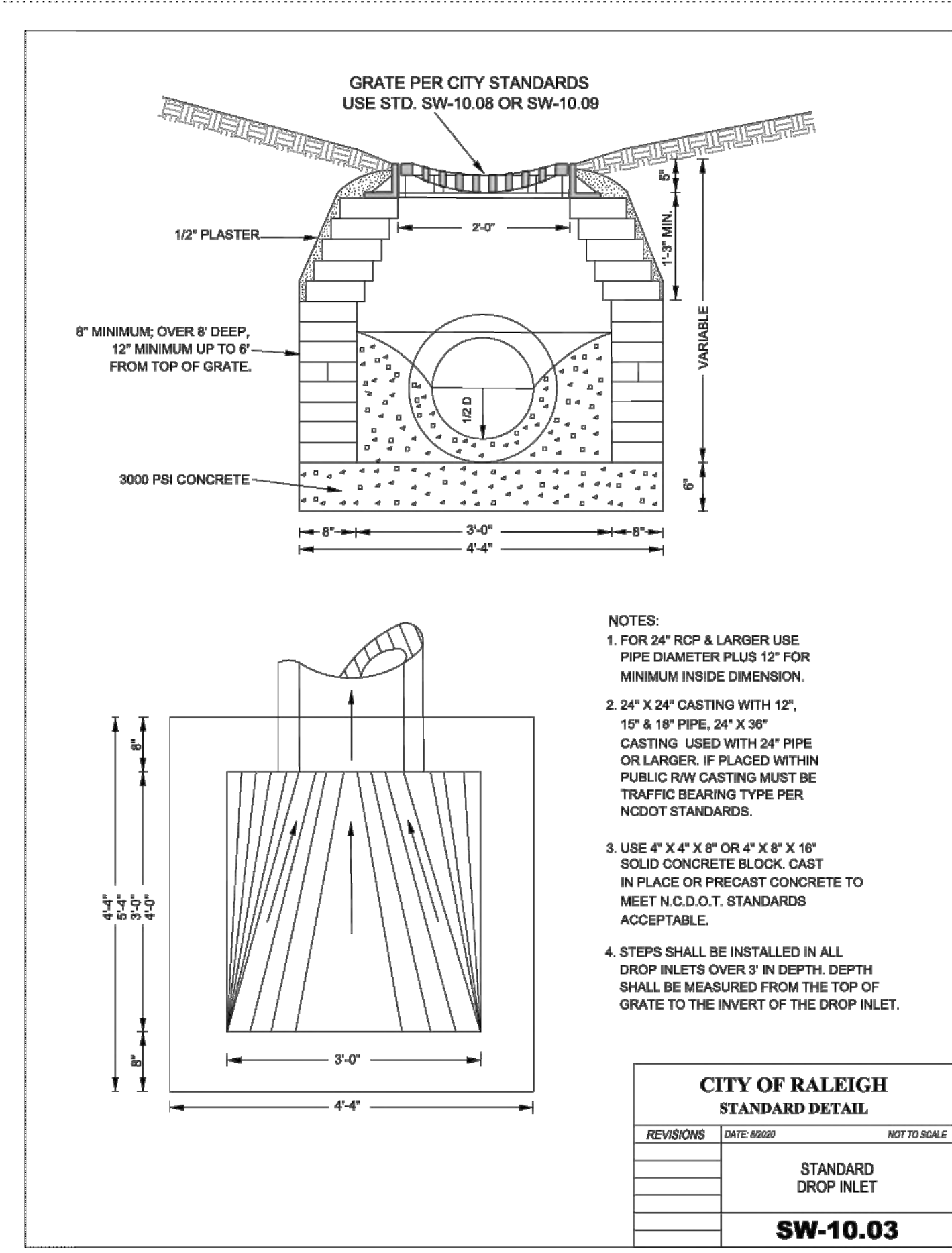
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PRELIMINARY SUBDIVISION PLAT

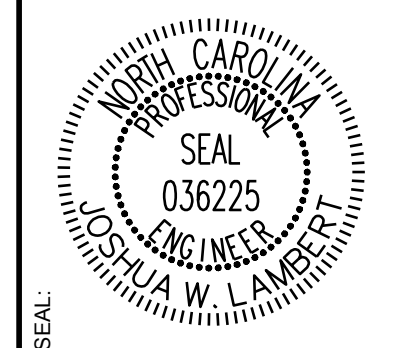
SITE DETAILS

DRAWING SHEET
D-1.1

79 OF 82



01	PRELIMINARY SUBDIVISION PLAT P-23-03	08/07/2023	JREG
02	TOWN OF ROLESVILLE P-23-03	12/05/2023	JREG
03	TOWN OF ROLESVILLE P-23-03	03/07/2024	JREG
04	TOWN OF ROLESVILLE P-23-03	06/04/2024	JREG
05	TOWN OF ROLESVILLE P-23-03	09/03/2024	JREG
06	TOWN OF ROLESVILLE P-23-03	11/07/2024	JREG
No.			
	REVISIONS		DATE



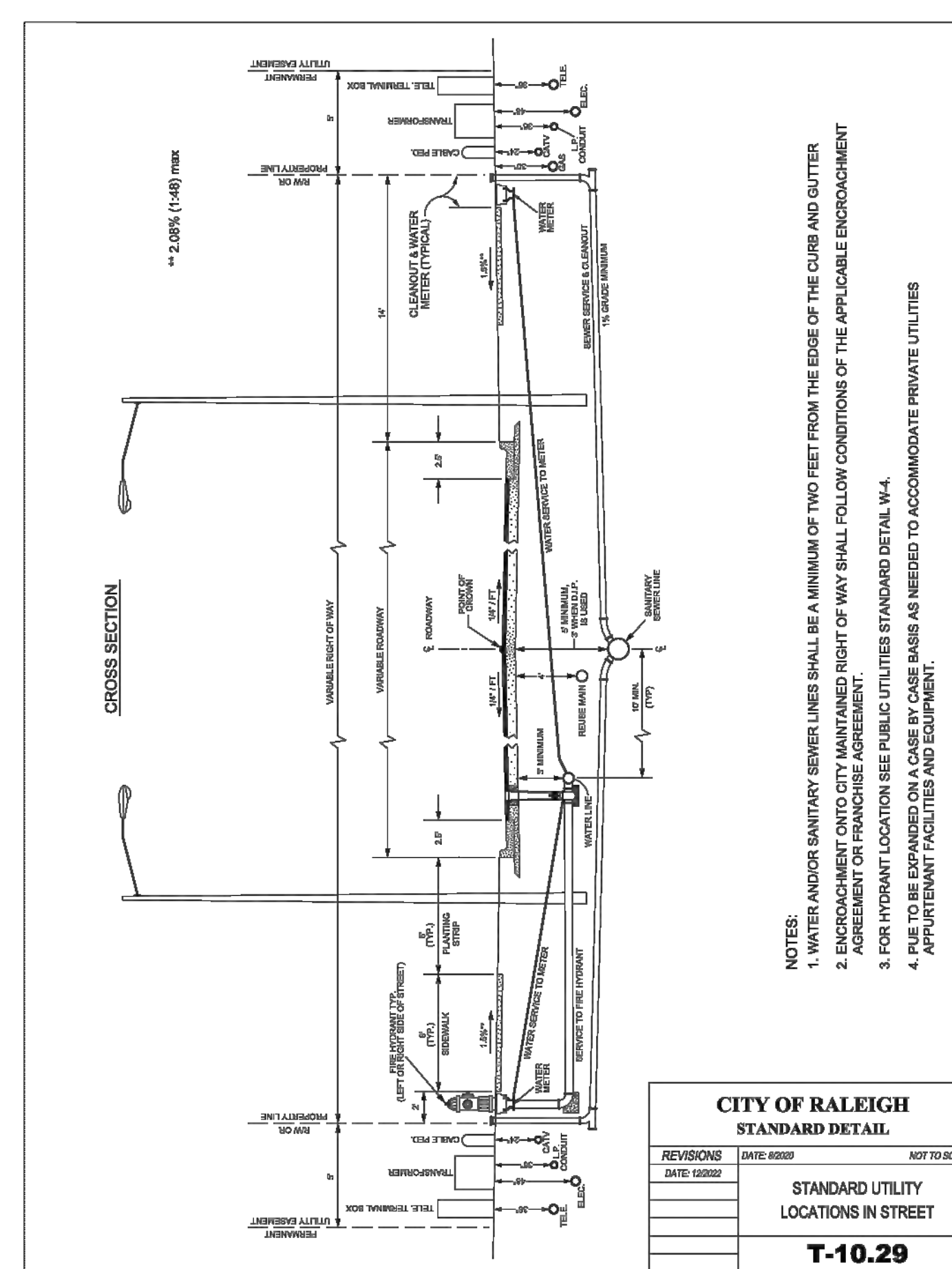
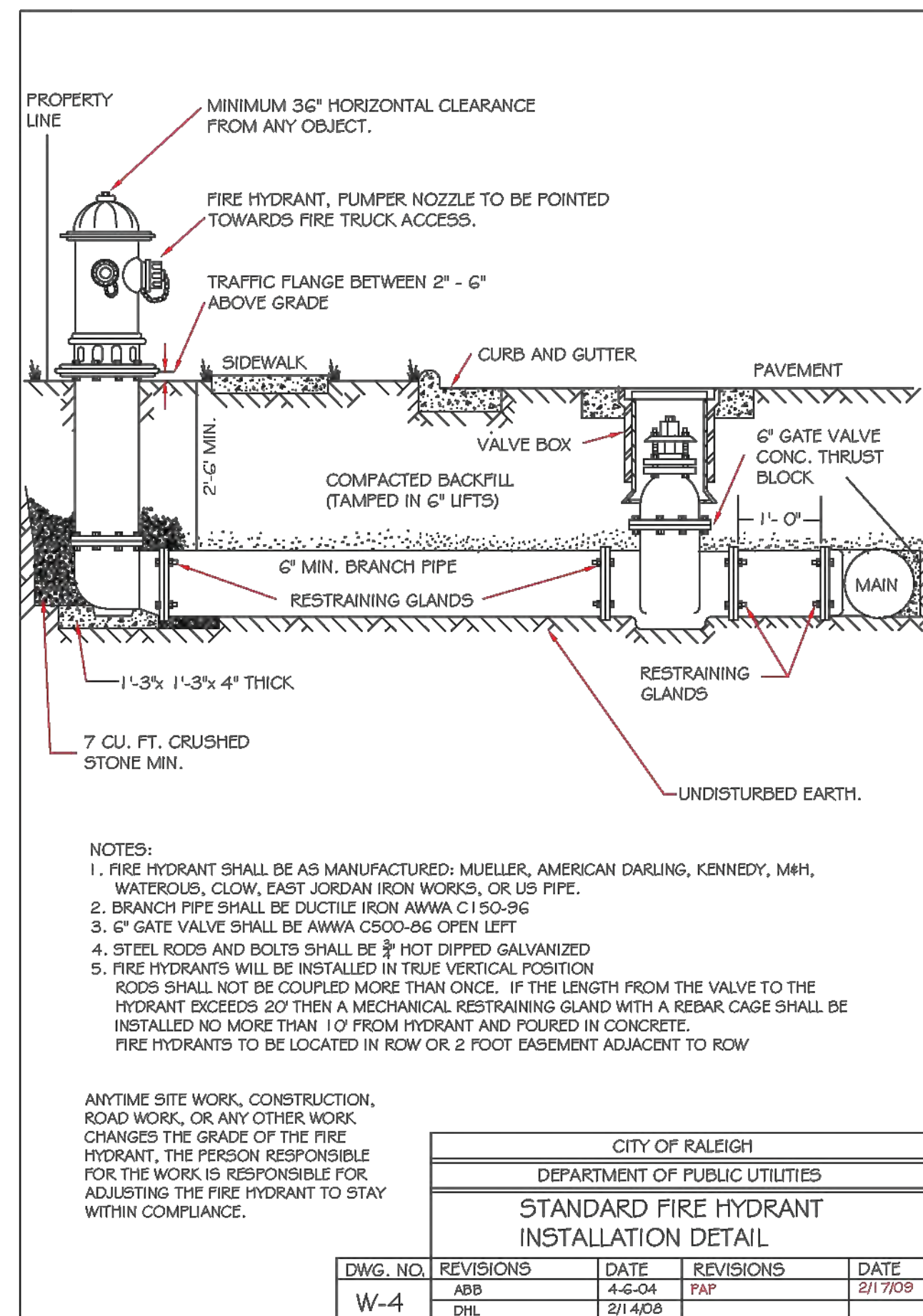
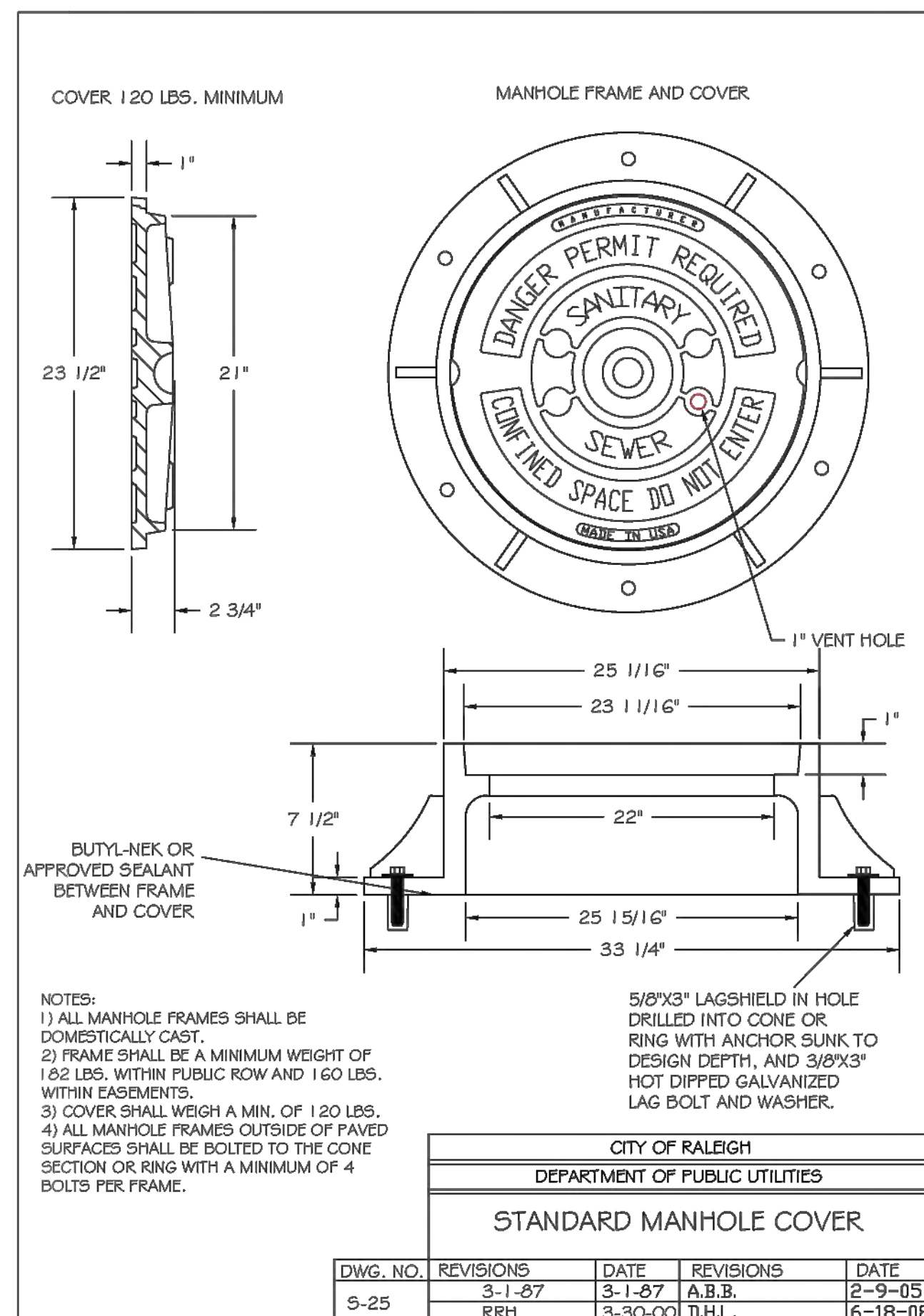
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STRONG ROCK PROJECT	PSP-23-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
STORM DRAINAGE DETAILS

DRAWING SHEET
D-2.0



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/01/2023	J.S.R.
02	TOWN OF ROLESVILLE PSP-23-03	12/05/2023	J.S.R.
03	TOWN OF ROLESVILLE PSP V3-23-03	03/07/2024	J.S.R.
04	TOWN OF ROLESVILLE PSP V4-23-03	06/04/2024	J.S.R.
05	TOWN OF ROLESVILLE PSP V5-23-03	09/03/2024	J.S.R.
06	TOWN OF ROLESVILLE PSP V6-23-03	11/07/2024	J.S.R.



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STRONG ROCK PROJECT
PSP-23-03
NOT FOR CONSTRUCTION
SCALE AS SHOWN
DESIGNED BY J.W.L.
DRAWN BY S.R.G.
CHECKED BY J.W.L.

RESERVE @ MITCHELL MILL
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA
PRELIMINARY SUBDIVISION PLAT
SANITARY SEWER & WATER
DETAILS

DRAWING SHEET
D-3.0

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