

V3-  
PSP-23-  
03

# RESERVE @ MITCHELL MILL

## PRELIMINARY SUBDIVISION PLAT V3-PSP-23-03

TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA

**SITE INFORMATION:**

LOCATION: 5109 MITCHELL MILL ROAD  
 COUNTY: WAKE COUNTY  
 PARENT PIN: 1757571035  
 DB/PG: DB 8659, PG 954  
 ZONING: RM-CZ & NC-CZ  
 TOTAL ACREAGE: 6,033,423.28 SF (138.50 AC)  
 NC-CZ ZONE ACREAGE: 53.88 AC  
 COMMERCIAL TRACT (15%): 8.08 AC  
 RESIDENTIAL ZONE RM-CZ: 84.62 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'  
 SITE PERIMETER BUFFER TYPE 2: 15'  
 THOROUGHFARE BUFFER (JONESVILLE & MITCHELL MILL): 30'

**BUILDING SETBACKS (MIN) NC-CZ**

FRONT: 15'  
 SIDE: 10'  
 REAR: 10'  
 SITE PERIMETER BUFFER TYPE 2: 15'  
 THOROUGHFARE BUFFER (JONESVILLE & MITCHELL MILL): 30'

**TOWNHOME SETBACKS NC-CZ (EMPLOYMENT OF TA 23-06)**

FRONT 20: 20'  
 SIDE (STREET FRONTAGE): 10'  
 REAR: 20'  
 BUILDING SEPARATION: 30'  
 PARKING REQUIREMENT: 2.25 CARS PER UNIT  
 SHOWN UNITS: 110  
 REQUIRED PARKING: 248  
 OFF-STREET PARKING: 265

**RIGHT OF WAY & OTHER AREAS:**

NATURAL WETLANDS: 1,215,431 SF (27.90 AC)

**LOT ACREAGE:**

**NC-CZ ZONING DISTRICT (COLOR CODED GOLD IN FOLLOWING PAGES)**

	SFH:	TOWNHOME:
TOTAL NUMBER PROPOSED LOTS:	82 LOTS	110 LOTS
MINIMUM PROPOSED LOT SIZE:	5,000 SF	2,000 SF
MAXIMUM PROPOSED LOT SIZE:	8,355 SF	2,125 SF

**RM-CZ ZONE (COLOR CODED BURGUNDY IN FOLLOWING PAGES)**

	SFH:
TOTAL NUMBER PROPOSED LOTS:	186 LOTS
MINIMUM PROPOSED LOT SIZE:	5,000 SF
MAXIMUM PROPOSED LOT SIZE:	10,379 SF

**OPEN SPACE BREAKDOWN:**

SEE OPEN SPACE CHART PAGE C-1.2  
 GREENWAY: 5,566 LF

**IMPERVIOUS AREAS:**

**NC-CZ ZONING DISTRICT:**

ROADWAYS / PARKING:	281,668 SF (6.47 AC)
SIDEWALKS:	87,180 SF (2.00 AC)
TOTAL ON-SITE IMPERVIOUS AREA:	368,848 SF (8.47 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT:	6.01%

**RM-CZ ZONE**

ROADWAYS / PARKING:	295,026 SF (6.77 AC)
SIDEWALKS:	111,721 SF (2.56 AC)
TOTAL ON-SITE IMPERVIOUS AREA:	406,747 SF (9.34 AC)
TOTAL ON-SITE IMPERVIOUS PERCENT:	6.62%

1.) Based on a Town Board meeting agenda, the greenway quantity for this project was a condition of the zoning; this calls for 2.3 miles +/- of greenway; this is substantially lower than that. Parks and Rec will make the final approval but please explain the discrepancy.



VICINITY MAP  
1" = 600'

**SITE DATA AMENDMENT TABLE**

i. Building Height (Maximum):	35ft Max
ii. Maximum Building Size (NC District):	Commercial 25,000 SF
iii. Building Size Proposed:	Commercial TBA
iv. Minimum Lot Width:	Commercial TBA Residential Townhouse 20' Single Family 50'
v. Minimum Lot Length (NC District):	Commercial (TBA) Residential 100'
vi. Lot Length Proposed	Residential 100'
vii. Density within each Zoning District	(NC Zone) 186 Units/53 Acres 3.51 U/A (RM-CZ Zone) 182 Units/84 AC 2.16 U/A
viii. Minimum building square footage as specified in MA22-06 Conditions of Approval	Townhomes 1200 SF Single Family Homes 2000 SF
ix. Parking Provided (Per Use)	Commercial (TBA) Townhomes 2.25 Spaces per Unit 110: 247.5
Required	On site in driveway 2 Cars: 220 Cars Off Street Parking Spaces: 35 Spaces Off Street Handicap Parking: 4 spaces Total Parking: 259 Spaces

for TRC memo

for TRC memo, CD requirement

**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

2.) Please include the following sheets with the next submittal:  
 - Signed sealed survey/TOPO

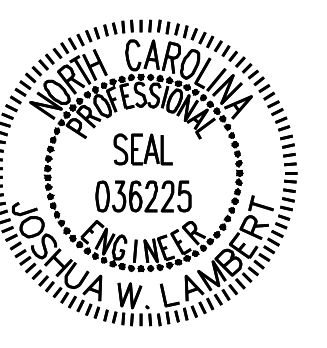
3.) Confirm what utility improvements will be required along Jonesville Road and Mitchell Mill Road. Will these be separate plans or included in future submittal?

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

NO.	REVISIONS	DATE	BY
01			
02			
03			



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

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

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

DRAWING SHEET

C-1.0

01 OF 76



Know what's below.  
Call before you dig.

PROGRESS PLOT DATE: 1/2024

MA-22-06  
Approved January 17, 2023

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 Jonesville Road and further described as Parcel 1 on the attached Exhibit 2 attached hereto shall be zoned NC-CZ and the approximately 86± acre portion of the property located east of Jonesville 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 phases in accordance with a phasing plan approved by the Town of Rolesville.
2. The total number of dwellings on the subject property shall not exceed 395 dwelling units and no more than 134 of these dwelling units shall be permitted to be Dwellings, Single Family, Attached (Townhouse.)
3. **Mixture of Uses:** At least 50,000 square feet of non-residential building area shall be permitted (issuance of a building permit) prior to permitting (issuance of a building permit) more than 197 dwelling units.
4. **Affordable Housing:**
  - a. Prior to the issuance of the first building permit for a dwelling unit, the property owner shall donate Thirty Thousand Dollars and No Cents (\$30,000.00) to Homes for Heroes.
  - b. Prior to the issuance of the 200<sup>th</sup> building permit, the property owner shall donate one (1) Dwelling, Single Family, Attached (townhome) to Passage Homes, CASA, Habitat for Humanity of Wake County or other similar organization providing homes to low-income people.
5. **Pollinator Plantings:** At least twenty percent (20%) of the landscaping planted in common areas on the subject property shall utilize plant materials that are listed as Native Pollinator Plants on North Carolina Wildlife Federation ("NCWF") or other resources for native plants recommended by the NCWF on their website, currently found at <https://ncwf.org/habitat/native-pollinator-plants/>

- v. Construct a southbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper; and
- vi. Construct a southbound (Jonesville Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.

g. Jonesville Road and Site Access 4:

- i. Construct the eastbound approach (Site Access 4) with one ingress lane and one egress lane;
- ii. Provide stop-control for eastbound approach (Site Access 4);
- iii. Provide a northbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper; and
- iv. Provide a southbound (Jonesville Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.

h. Mitchell Mill and Site Access 5:

- i. Construct the southbound approach (Site Access 5) with one ingress lane and one egress lane;
- ii. Provide stop-control for southbound approach (Site Access 5) restricted to right in, right-out operations unless left-turn access is approved by NCDOT; and
- iii. Construct an exclusive westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.

i. Mitchell Mill and Site Access 6:

- i. Construct the southbound approach (Site Access 6) with one ingress lane and one egress lane striped as an exclusive right-turn lane; and
- ii. Provide stop-control for southbound approach (Site Access 6) restricted to right-in, right-out operations.

j. 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 decel and taper.

k. Mitchell Mill Road and Site Access 8:

- i. Construct the southbound approach (Site Access 8) with one ingress lane and one egress lane striped as an exclusive right-turn lane;
- ii. Provide stop-control for southbound approach (Site Access 8). This proposed intersection will be restricted to right-in/right-out operations; and
- iii. Construct an exclusive westbound (Mitchell Mill Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper.

l. Signal Analysis and Funding:

- i. **US 401 Bypass and Jonesville Road:** Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. Nothing herein shall

Where evergreen plantings or street trees are required by the Rolesville Land Development Ordinance as the same may be amended from time to time, pollinator plantings shall not be required. Nothing herein shall be construed to limit the plant materials permitted on individual residential lots. Compliance with this condition shall be demonstrated at construction infrastructure drawings for each phase.

6. **Recreational Amenities:** The following recreational amenities shall be provided generally as shown on the attached Exhibit 1 as a part of the development of the subject property and dedicated to the Homeowner's Association except for those areas offered to and accepted by the Town of Rolesville:

- a. A swimming pool and cabana, including changing rooms and restrooms shall be constructed prior to the issuance of the 150<sup>th</sup> building permit for a dwelling unit;
- b. At least one fenced playground shall be constructed prior to the issuance of the 150<sup>th</sup> building permit for a dwelling unit;
- c. At least one fenced dog park shall be constructed prior to the issuance of the 150<sup>th</sup> building permit for a dwelling unit;
- d. Public greenway on a greenway easement dedicated to the Town of Rolesville with paved trails at least ten feet wide (10') shall be constructed generally as shown on the attached Exhibit 1;
- e. A greenway trail head with at least four (4) parking spaces shall be constructed generally as shown on Exhibit 1 and offered to the Town of Rolesville for use as a greenway trail head prior to the issuance of the 200<sup>th</sup> 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 250<sup>th</sup> building permit. If the Town of Rolesville accepts dedication of this trailhead, 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 issuance of the 250<sup>th</sup> building permit, it shall be dedicated to the homeowner's association.
- f. At least one (1) community garden shall be provided prior to issuance of the 336<sup>th</sup> building permit for a dwelling unit; and
- g. At least one (1) acre of undeveloped land in the area located at the northeast quadrant of the intersection of Jonesville Road and Mitchell Mill Road shall be offered to the Town of Rolesville generally as shown on the attached Exhibit 1 for recreational uses prior to the issuance of the 150<sup>th</sup> 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 200<sup>th</sup> 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 200<sup>th</sup> building permit, it shall be dedicated to the homeowner's association.

prohibit the property owner or developer from entering into cost-sharing agreements with others who may also benefit from a signal at this location.

ii. **US 401 Bypass and Eastern U-turn Location:** Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. Nothing herein shall prohibit the property owner or developer from entering into cost-sharing agreements with others who may also benefit from a signal at this location.

iii. **Jonesville and Mitchell Mill Road:** Conduct a full signal warrant analysis prior to full build-out of the proposed development and install a traffic signal if warranted and approved by the Town and NCDOT. Nothing herein shall prohibit the property owner or developer from entering into cost-sharing agreements with others who may also benefit from a signal at this location.

iv. If no traffic signal has been warranted and approved by the Town and NCDOT at any of the locations identified in Condition 8(i)-(iii) at full build-out of the proposed development (issuance of certificate of occupancy for the 380<sup>th</sup> dwelling unit and 50,000 square feet of non-residential uses), the property owner shall contribute Fifty Thousand Dollars (\$50,000.00) to the Town of Rolesville to be used by the Town of Rolesville to install a traffic light at any one of the locations identified in Condition 8(i)-(iii) above when warranted and approved by NCDOT.

Conditions Applicable to Dwelling, Single Family, Detached only:

9. All homes shall include either crawl space foundations or stem wall foundations. Any stem wall foundations shall be at least eighteen inches (18") in height across the front façade of the home and shall have brick or stone veneer on all sides facing a public street.
10. The minimum building square footage shall be 2,000 square feet.

Conditions Applicable to Dwellings, Single Family, Attached (Townhouse) only:

11. No Dwelling, Single Family, Attached (Townhouse) building shall exceed six (6) dwellings.
12. The minimum building square footage for townhomes shall be 1,200 square feet.

Conditions Applicable to the NC-CZ District only:

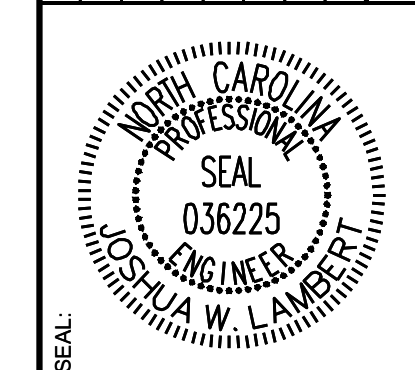
13. All uses permitted in the Neighborhood Center Mixed-Use district shall be permitted within the NC-CZ except Dwellings, Multiple Family (apartments) shall only be permitted in buildings with commercial uses located on the ground floor.

7. **Additional Driveway Access and Crosswalk to Commercial Area:** Prior to the issuance of the first building permit, the property owner shall apply to NCDOT to allow the installation of an additional driveway access and cross-walk across Jonesville Road from the property zoned RM-CZ to the commercial area located in the northwest quadrant of the intersection of Mitchell Mill and Jonesville Road, both as generally shown as "Potential Additional Driveway and Cross Walk Connection Per Condition #7 of Zoning Conditions" on Exhibit 1. The application to NCDOT shall include a plan for the driveway connection and crosswalk drawn by an engineer and an update to the existing traffic impact analysis prepared by a traffic engineer. If NCDOT approves such a crosswalk and/or driveway access, the property owner shall install them in accordance with the requirements of NCDOT.

8. **Transportation Improvements:** To address transportation impacts reasonably expected to be generated by the development, the following road improvements shall be installed in accordance with future phasing plans approved by the Town:

- a. Jonesville Road:
  - i. Widen Jonesville Road along the site frontage between Site Access 1 and Mitchell Mill to the roadways ultimate cross section per Rolesville Community Transportation Plan, 2 lanes with two-way left turn lanes.
- b. Mitchell Mill Road:
  - i. Widen one-half section along the site frontage to this roadway's ultimate crosssection per the Rolesville Community Transportation Plan, 4-lane median divided.
- c. Mitchell Mill Road and Jonesville Road/Peebles Road:
  - i. Provide a southbound (Jonesville Road) left turn lane with at least 100 feet of storage and appropriate decel and taper; and
  - ii. Construct an eastbound (Mitchell Mill Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
- d. Jonesville Road and Site Access 1:
  - i. Construct the westbound approach (Site Access 1) with one ingress lane and one egress lane;
  - ii. Provide stop-control for westbound approach (Site Access 1); and
  - iii. Construct a southbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
- e. Jonesville Road and Site Access 2:
  - i. Construct the westbound approach (Site Access 2) with one ingress lane and one egress lane;
  - ii. Provide stop-control for westbound approach (Site Access 2); and
  - iii. Construct a southbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper.
- f. Jonesville Road and Site Access 3:
  - i. Construct the eastbound and westbound approaches (Site Access 3) with one ingress lane and one egress lane;
  - ii. Provide stop-control for eastbound and westbound approach (Site Access 3);
  - iii. Construct northbound (Jonesville Road) left-turn lane with at least 100 feet of storage and appropriate decel and taper;
  - iv. Construct northbound (Jonesville Road) right-turn lane with at least 100 feet of storage and appropriate decel and taper;

01	PRELIMINARY SUBDIVISION PLAT P-22-03	08/01/2023	BY
02	TOWN OF ROLESVILLE COMMENTS P-22-03	12/05/2023	DATE
03	TOWN OF ROLESVILLE COMMENTS P-22-03	03/01/2024	REVISIONS
No.			



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

STRONG ROCK PROJECT P-22-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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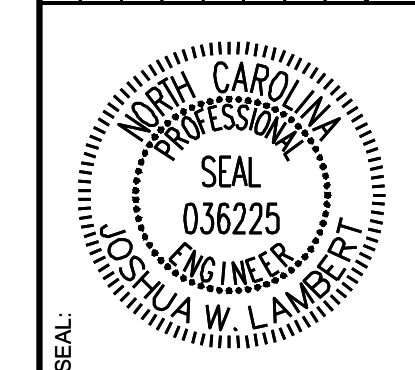
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
ZONING CONDITION

DRAWING SHEET  
**C-1.1**

NC-CZ District	AC	SF	Requirement	
Overall Site	53.89	2347443.33		
Commercial Space	8.08	352116.50	15%	
Total Buffer	2.71	118236.27		
50% Buffer	1.36	59118.14		
Open Space	12.11	527339.62		
Wetlands	6.07	264262.09		
<b>Total Open Space</b>	<b>19.53</b>	<b>850719.85</b>		
Passive minus wetland	13.46	586457.76		
Active Open Space REQUIRED	6.73	293228.88		
<b>ACTIVE OPEN SPACE</b>	<b>6.73</b>	<b>293228.88</b>		
<b>NC-CZ District Section 6.2.1.D.2.C</b>				
1. Medium Open Space 1 (TH)	2.463	107271.76	1 to 2.5 Acres	Measured Mile Cross County Circuit
2. Medium Open Space 2 (SFH)	1.714	74660.86	1 to 2.5 Acres	Frisbee golf course
3. Small Open Space 1	0.797	34728.09	.011 to 1.0 Acre	Town Home Exercise stations
4. Small Open Space 2	0.344	15000.00	.011 to 1.0 Acre	Town Home Chess Walk
5. Small Open Space 3	1.492	65000.00	.011 to 1.0 Acre	Future Commercial Plaza
<b>TOTAL</b>	<b>6.810</b>	<b>296660.71</b>		

RH District	AC	SF		
Overall Site	84.62	3685979.95		
Required Conservation Space	33.85	1474391.98	40%	
Total Buffer	3.77	164193.75		
50% Buffer	1.88	82096.875		
Open Space	15.66	682210.08		
Wetlands	25.59	1114590.87		
Programmed Space	4.79	208757.21		
<b>Total Area</b>	<b>47.93</b>	<b>2087655.035</b>		
Bonus Space exceeding 40%	14.08	613263.055		
<b>Net Passive Area</b>	<b>22.34</b>	<b>973064.165</b>		
<b>Active Open Space</b>	<b>11.17</b>	<b>486532.0825</b>		
<b>RH-CZ District Section 6.2.1.D.1.b.</b>				
1. Medium Open Space	1.55	67518	1 to 2.5 Acres	Clubhouse
2. Medium Open Space	1.05	45738	1 to 2.5 Acres	Park 4 Infield
3. Small Open Space	0.18	7840.8	.011 to 1.0 Acre	Playground A
	<b>2.78</b>	<b>121096.8</b>		
Active Recreation Space	3.24	141035.79		RM-OS-04
Parkour Circuit	4.23	184490.71		RM-OS-11
Outdoor recreation area	1.17	51073.52		RM-OS-05
	8.64			
<b>Total Recreation Space RM-CZ</b>	<b>11.42</b>			

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20



**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	SRG	JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
OPEN SPACE DIAGRAM

DRAWING SHEET  
**C-1.2**

**GENERAL CONSTRUCTION NOTES:**

1. SEE GENERAL NOTES ON SHEET C-5.0.
2. WITHIN ALL NOTES, THE TERM CONTRACTOR WILL MEAN THE GENERAL CONTRACTOR AND ANY SUBCONTRACTORS OR VENDORS PERFORMING WORK ON THE PROJECT.
3. ANY CONTRACTOR SUBMITTING A BID FOR THIS PROJECT SHALL MAKE A SITE VISIT PRIOR TO SUBMITTING BID.
4. BOUNDARY DATA PERFORMED BY TIMMONS GROUP. SEE SURVEY FOR BENCHMARK & TBM INFORMATION. SURVEY IS REFERENCED TO NC GRID NAD 83. REFER TO EXISTING CONDITIONS PLAN
5. ANY RELOCATION OF BENCHMARKS SHALL BE PERFORMED BY A NC LICENSED SURVEYOR.
6. ALL WORK, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF ROLESVILLE, WAKE COUNTY, NCDOT OR & CITY OF RALEIGH STANDARDS AND SPECIFICATIONS, LATEST EDITION.
7. ALL WORK, CONSTRUCTION AND MATERIALS WITHIN NCDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2018 NCDOT STANDARDS SPECIFICATIONS FOR ROADS AND STRUCTURES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK ZONE TRAFFIC CONTROL IN OR ADJACENT TO NCDOT RIGHT-OF-WAY. TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES WITH PROPER SIGNAGE, SIGNALS, LIGHTING, FLAGMEN. ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
9. COPIES OF ALL PERMITS AND APPROVED PLANS MUST BE KEPT ON SITE IN A PERMIT BOX THAT IS CONSPICUOUSLY LOCATED AND EASILY ACCESSIBLE DURING CONSTRUCTION. THIS INCLUDES APPROVED CONSTRUCTION PLANS, APPROVED EROSION CONTROL PLANS, ENCROACHMENT AGREEMENTS, DRIVEWAY PERMITS, WATER/SEWER PERMITS, ETC.
10. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED. CONTACT THE NC ONE CALL CENTER AT LEAST 72 HOURS PRIOR TO DIGGING @ 1.800.632.4949. UNDERGROUND LINES SHOWN HEREON ARE APPROXIMATE OR AS REPORTED BY VARIOUS RESPONSIBLE PARTIES. THE SURVEYOR DOES NOT GUARANTEE THAT ANY UNDERGROUND STRUCTURES SUCH AS UTILITIES, TANKS AND PIPES ARE LOCATED HEREON.
11. THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH ALL UTILITY COMPANIES OR FIRMS HAVING FACILITIES ON OR ADJACENT TO THE SITE BEFORE DISTURBING, ALTERING, REMOVING, RELOCATING, ADJUSTING OR CONNECTING TO SAID FACILITIES.
12. THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY TOWN, CITY OF RALEIGH OR NCDOT DAMAGED PROPERTY. THE CONTRACTOR SHALL REPAIR THE DAMAGED PROPERTY TO THE LATEST STANDARDS AND SPECIFICATIONS OF THE AGENCY HOLDING JURISDICTION AT NO COST TO THE OWNER.
13. ANY DAMAGE DONE TO PRIVATE PROPERTY OWNERS SIGNS, MAILBOX, DRIVEWAY CULVERTS, LANDSCAPING OR OTHER PROPERTY SHALL BE RESTORED TO ORIGINAL CONDITION. AT NO COST TO OWNER.
14. CONTRACTOR IS RESPONSIBLE FOR FENCING AND SECURITY OF HIS LAYDOWN AND STORAGE AREA.
15. THE CONTRACTOR IS REQUIRED TO MEET ALL APPLICABLE FEDERAL, OSHA, STATE AND LOCAL REGULATIONS CONCERNING PROJECT SAFETY AND ASSUMES FULL RESPONSIBILITY FOR SAFETY ON THE PROJECT.
16. CONTRACTOR SHALL KEEP ALL ROADS FREE OF DIRT AND DEBRIS AT ALL TIMES.
17. CONTRACTOR SHALL PROTECT EXISTING PAVEMENTS AND UTILITIES FROM HEAVY EARTH MOVING EQUIPMENT. PROVIDE TRAFFIC CONTROL AND ADEQUATE PROTECTION METHODS AT ALL EQUIPMENT CROSSINGS.
18. ALL STRUCTURAL FILL MATERIAL SHALL BE FREE OF ALL STICKS, ROCKS, AND CLUMPS OF MUD. ALL ROCKS GREATER THAN 3" DURING EXCAVATION SHALL BE REMOVED.
19. CONCRETE SIDEWALKS THAT ARE TO BE REMOVED SHALL BE CUT BACK TO NEAREST EXPANSION OR CONTROL JOINT AND REPLACED WITH 4-INCH CONCRETE SIDEWALK FINISHED TO MATCH EXISTING SIDEWALKS.
20. CONTRACTOR TO COORDINATE WITH CITY OF RALEIGH FOR TEMPORARY WATER NEEDED DURING CONSTRUCTION. IF PERMITTED TO CONNECT TO EXISTING FIRE HYDRANT A REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER WILL BE REQUIRED.
21. THE TRANSITION OF PROPOSED ROADWAY TO EXISTING ROADWAY SHALL BE DONE WITH A MINIMUM 8-FT TRANSITION WHERE THE EXISTING PAVEMENT IS MILLED TO A MINIMUM DEPTH OF 1-1/2" AND OVERLAID.
22. ALL PAVEMENT SAW CUTS SHALL BE NEAT, STRAIGHT AND FULL DEPTH.
23. ALL RIP-RAP IS TO BE INSTALLED WITH NON-WOVEN FILTER FABRIC BENEATH (MIRAFI 140N OR APPROVED EQUAL).
24. HDPE PIPE SHALL BE ADS N-12 WT (ASTM D3212) OR APPROVED EQUAL INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
25. ALL SITE CONSTRUCTION MUST BE INSPECTED BY THE GEOTECHNICAL ENGINEER AT THE FOLLOWING STAGES:
  - A. COMPLETION OF GRADING SUBGRADE PRIOR TO PLACING STONE BASE.
  - B. COMPLETION OF STONE PLACEMENT PRIOR TO PAVING.
  - C. FINAL INSPECTION WHEN ALL WORK IS COMPLETE.

26. PRIOR TO PLACING CABO STONE BASE, THE CONTRACTOR SHOULD NOTIFY THE GEOTECHNICAL ENGINEER TO INSPECT THE PROOF ROLL OF THE SUBGRADE. ANY STONE PLACED WITHOUT PRIOR APPROVAL WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBJECT TO RE-CONSTRUCTION IF SUBGRADE DOES NOT MEET TOWN AND NCDOT STANDARDS & SPECIFICATIONS.
27. ALL UTILITY SERVICES, (POWER, TELEPHONE, CABLE, ETC.) ARE PROPOSED TO BE UNDERGROUND. THE CONTRACTOR SHALL COORDINATE WITH THE PRIVATE UTILITY SERVICE COMPANIES FOR ANY REQUIRED CONDUITS OR POINT OF CONTACT CONDITIONS.
28. ALL PUBLIC UTILITIES THAT REQUIRE AN ENGINEERING CERTIFICATION MUST BE INSPECTED BY A PROFESSIONAL ENGINEER ON A PERIODIC BASIS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER WHEN INSTALLING UTILITIES FOR PERIODIC INSPECTIONS. THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AT THE TIME OF PRESSURE TESTING AND WATER LINE DISINFECTION. THE CONTRACTOR SHALL SUPPLY THE PROJECT ENGINEER PRESSURE TEST RESULTS.
29. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD CONDITIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS WELL IN ADVANCE OF TRENCHING. IF THE CLEARANCES ARE LESS THAN SPECIFIED ON THE PLANS OR 12 INCHES, WHICH EVER IS LESS, CONTACT THE PROJECT ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
30. THE CONTRACTOR SHALL INCLUDE IN HIS CONTRACT PRICE THE REMOVAL AND DISPOSAL, TO AN APPROVED NCDENR LOCATION, OF ANY EXCESS TOPSOIL OR UNCLASSIFIED EXCAVATION HE DETERMINES IS NOT REQUIRED TO PERFORM THE FINAL GRADING AND LANDSCAPING OPERATION.
31. THE CONTRACTOR SHALL INCLUDE IN THE CONTRACT PRICE DAILY RECORD KEEPING OF THE AS-BUILT CONDITION OF ALL OF THE UNDERGROUND UTILITIES, CONSTRUCTION STAKEOUT ASSOCIATED WITH THE PROJECT. PREPARATION OF THE NECESSARY/REQUIRED AS-BUILT PLANS TO BE SUBMITTED TO TOWN OF ROLESVILLE AND/OR CITY RALEIGH PUBLIC UTILITIES AND/OR ALL OTHER INFORMATION REQUIRED IN CONNECTION WITH RELEASE OF BONDS.
32. THE CONTRACTOR SHALL INCLUDE IN THE PRICE, ANY AND ALL COSTS ASSOCIATED WITH PROVIDING A PROFESSIONAL ENGINEER ON SITE IF REQUIRED, DURING THE CONSTRUCTION OF THE STORMWATER MANAGEMENT FACILITIES, UNDERGROUND UTILITIES, ETC. AS REQUIRED FOR AS-BUILT CERTIFICATION.
33. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL REQUIRED/NECESSARY SHEETING, SHORING, AND SPECIAL EXCAVATION MEASURES REQUIRED ON THE PROJECT TO MEET OSHA, FEDERAL, STATE AND LOCAL REGULATIONS PURSUANT TO THE INSTALLATION OF THE WORK INDICATED ON THE DRAWINGS. NCDOT, TOWN OF ROLESVILLE, CITY OF RALEIGH, & ENGINEER OF RECORD ACCEPT NO RESPONSIBILITY FOR THE DESIGN TO INSTALL SAID ITEMS.
34. TESTING BY CONTRACTOR: CONTRACTOR SHALL EMPLOY AT HIS EXPENSE AN OUTSIDE INDEPENDENT SOIL TESTING SERVICE (APPROVED BY THE OWNER) TO PERFORM SOIL TESTING AND INSPECTION SERVICE FOR QUALITY CONTROL TESTING DURING EARTHWORK OPERATIONS. COPIES OF RESULTS OF TESTS SHALL BE SUBMITTED BY THE TESTING SERVICE DIRECTLY TO THE CONTRACTOR, THE OWNER, AND THE APPLICABLE APPROVING AGENCY. --THE TESTING SERVICE WILL CLASSIFY PROPOSED ON-SITE AND BORROW SOILS TO VERIFY THAT SOILS COMPLY WITH SPECIFIED REQUIREMENTS AND TO PERFORM REQUIRED FIELD AND LABORATORY TESTING. (MINIMUM REQUIRED SOIL BEARING CAPACITY IS NOTED ON THE STRUCTURAL DRAWINGS). --IN PAVED AND BUILDING SLAB AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 2000 SQUARE FEET OF FILL IN EACH COMPACTED FILL LAYER. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION. --IN FOUNDATION WALL AREAS, THE TESTING SERVICE SHALL MAKE AT LEAST ONE FIELD DENSITY TEST FOR EACH 100 FEET OR LESS OF WALL LENGTH OF FILL IN EACH COMPACTED FILL LAYER. WITH NO LESS THAN TWO TESTS ALONG A WALL FACE. IF A TEST SHOULD FAIL TO MEET REQUIRED DENSITY, THE CONTRACTOR SHALL RE-COMPACT THAT LAYER. THE SOIL TESTING SERVICE SHALL PERFORM ADDITIONAL TESTS AT THE CONTRACTOR'S EXPENSE TO SHOW THAT THE FAILED LAYER HAS REACHED THE REQUIRED COMPACTION.
35. COMPACTION: COMPACT EACH LAYER OF BACKFILL AND FILL SOIL MATERIALS AND THE TOP 12" OF SUBGRADE IN CUT AREAS TO 98% OF MAXIMUM DENSITY IN ACCORDANCE WITH AASHTO T99 FOR STRUCTURES, SLABS, AND PAVEMENTS AND 95% OF MAXIMUM DENSITY FOR EMBANKMENTS OR UNPAVED AREAS. MAX LIFT THICKNESS FOR FILL AREAS IS 8 INCHES.
36. DESIGN/FIELD CONDITIONS QUITE EASILY MAY VARY FROM THAT REPRESENTED IN THE INITIAL SOILS REPORT AND/OR TOPOGRAPHICAL REPORT. ISOLATED AREAS MAY SHOW UP WEAK AND ADVERSE SOILS OR GROUNDWATER CONDITIONS MAY BE DISCOVERED THAT WERE NOT REVEALED DURING THE INITIAL SOILS INVESTIGATION. THEREFORE, THE OWNER/CLIENT IS TO BE AWARE THAT ENGINEER OF RECORD WILL NOT AND CANNOT BE HELD RESPONSIBLE FOR ANY FAILURES TO EITHER A STREET OR PARKING LOT PAVEMENT DESIGN UNLESS WE CAN BE FULLY AND TOTALLY INVOLVED IN THE CONSTRUCTION PROCESS WHICH MAY INCLUDE, BUT MAY NOT NECESSARILY BE LIMITED TO, TESTING SUBGRADE AND BASE DENSITY, ENGAGING THE GEOTECHNICAL ENGINEER FOR THE EVALUATION OF THE SUBGRADE AND FOR THE OBSERVATION OF PROOF ROLLING SUBGRADE AND BASE AT VARIOUS STEPS OF CONSTRUCTION, OPPORTUNITY FOR THE DESIGN ENGINEER TO CALL IN A GEOTECHNICAL ENGINEER FOR CONSULTATION AND ADVICE, ETC. - STEPS WHICH TAKEN ALTOGETHER WITH THE INITIAL DESIGN SHOWN ON THE PLANS, CONSTITUTE THE COMPLETE DESIGN OF THE ROAD, STREET OF PARKING AREA (PRIVATE OR PUBLIC). THE DESIGN ENGINEER MUST BE GIVEN THE FULL LATITUDE AND OPPORTUNITY TO COMPLETE THE DESIGN BY FULLY PARTICIPATING IN THE CONSTRUCTION PROCESS. PLAN DESIGN IS A SMALL PORTION OF THE DESIGN AND CANNOT BE SEPARATED FROM THE CONSTRUCTION PROCESS IF THE OWNER'S/CLIENT'S DESIRE IS TO HAVE THE DESIGN ENGINEER STAND BEHIND THE COMPLETED DESIGNED PROJECT.
37. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDING PADS.
38. THE SITE PREVIOUSLY CONTAINED RESIDENTIAL / FARM STRUCTURES CONTRACTOR RESPONSIBLE FOR REMOVAL OF ANY FOUNDATIONS AND SEPTIC SYSTEMS PER NCDNR REQUIREMENTS.

**GENERAL ABBREVIATIONS:**

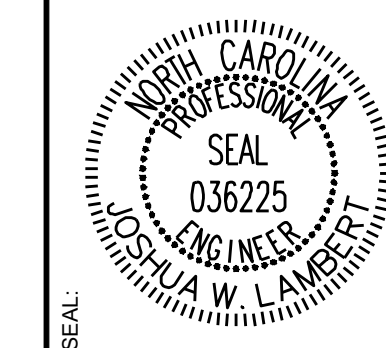
IDENTIFIER	DESCRIPTION
&	AND
CL	CENTERLINE
Ø	DIAMETER OR ROUND
PL	PROPERTY LINE
ABC	AGGREGATE BASE ASPH ASPHALT
AHJ	AUTHORITY HAVING JURISDICTION
AVE	AVENUE
BLVD	BOULEVARD
BLDG	BUILDING
BOC	BACK OF CURB
BW	BOTTOM OF WALL
CB	CATCH BASIN
CI	CURB INLET
CIP	CAST IRON PIPE
CLS	CLASS
CJ	CONTROL JOINT
CO	CLEANOUT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

**GENERAL ABBREVIATIONS:**

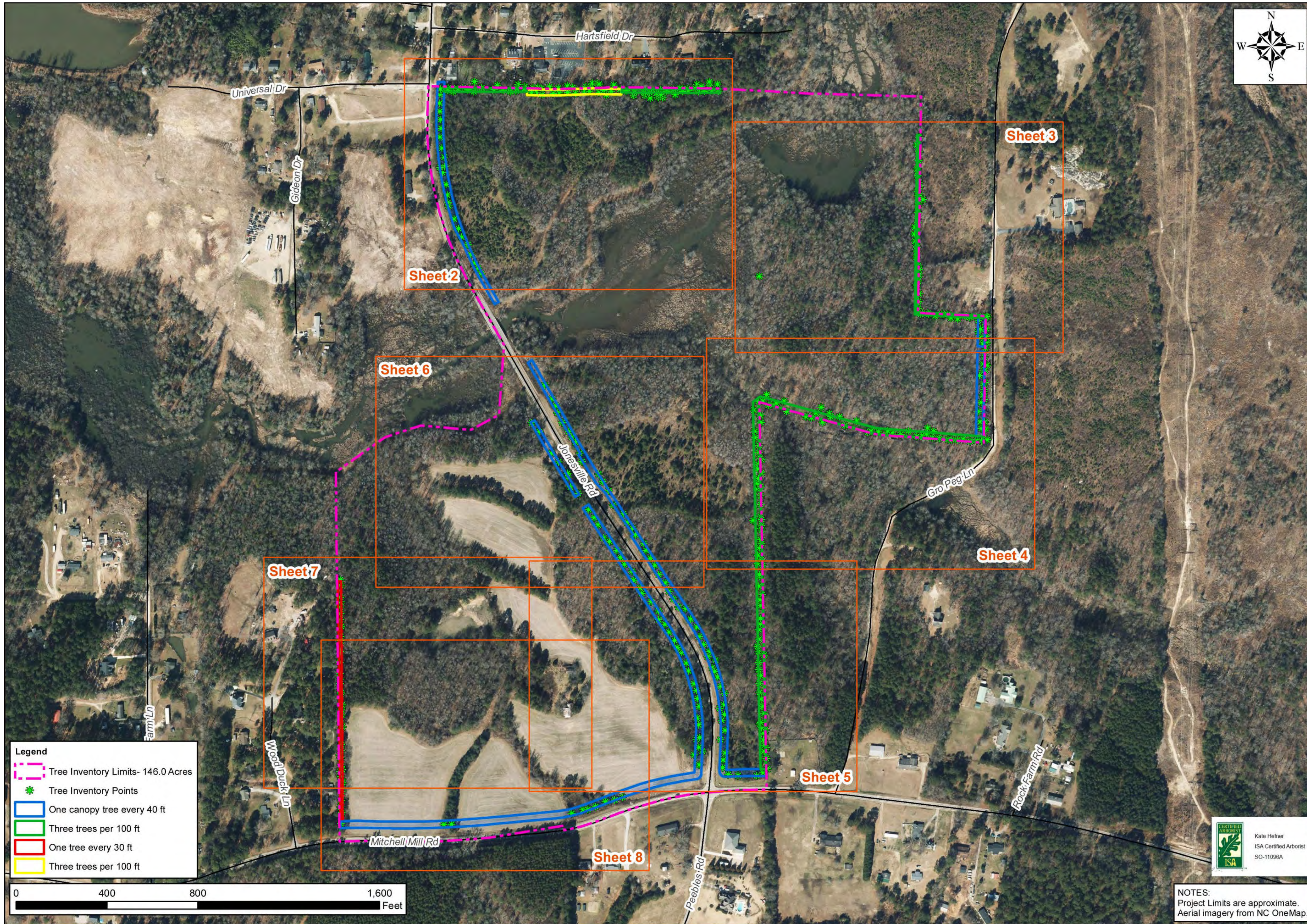
IDENTIFIER	DESCRIPTION
LEN	LENGTH
LEV	LOW EMISSION VEHICLE
LF	LINEAR FEET
LP	LOW POINT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
N	NORTH, NORTHING
NCDENR	NORTH CAROLINA DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES
NCDOT	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
NTS	NOT TO SCALE
OH	OVERHEAD
OCB	OFF-SET CATCH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

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

STRONG ROCK PROJECT PSP-24-03 NOT FOR CONSTRUCTION SCALE AS SHOWN DESIGNED BY JWL DRAWN BY SRG CHECKED BY JWL	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 PLAT CIVIL NOTES	DRAWING SHEET <b>C-2.0</b> <b>04 OF 76</b>	DATED: 08/01/2023 12/05/2023 03/01/2024	REVISIONS NO. DATE BY
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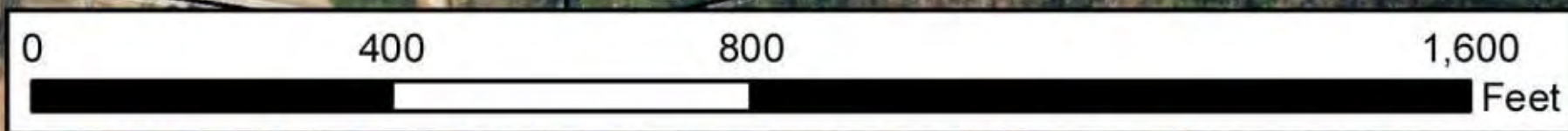






**Legend**

- 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			
02			
03			



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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  
OVERALL TREE INVENTORY MAP



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

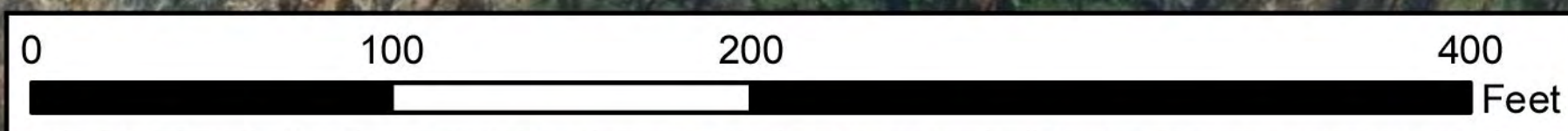
DRAWING SHEET  
**C-3.1**





**Legend**

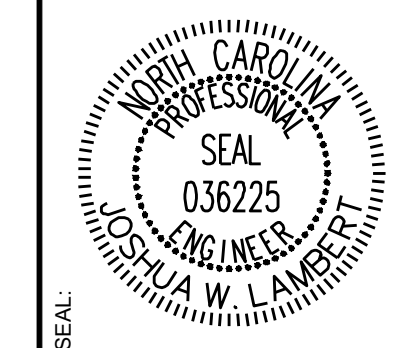
- Tree Inventory Limits- 146.0 Acres
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- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



Kate Heffner  
ISA Certified Arborist  
SO-11096A

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

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



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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 PLAT  
**PARTIAL TREE INVENTORY MAP II**

DRAWING SHEET  
**C-3.3**

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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			
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03			



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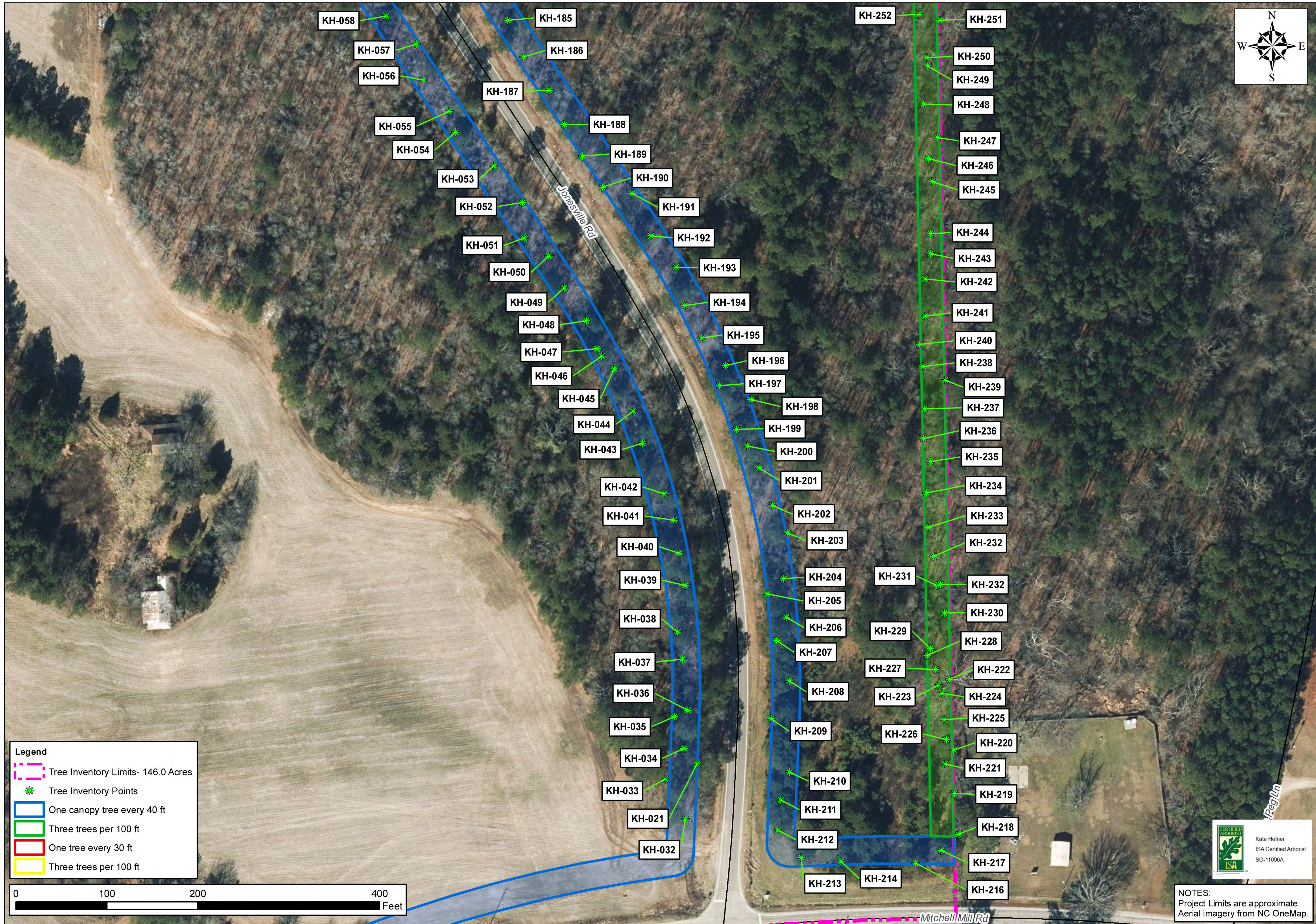
STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-00	PSP-24-00
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

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

**ISA** Certified Arborist  
Kate Heffner  
ISA Certified Arborist  
SO-11096A

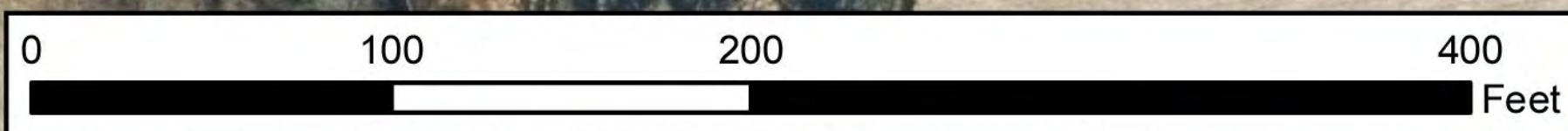
NOTES:  
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Aerial imagery from NC OneMap.

DRAWING SHEET  
**C-3.4**



**Legend**

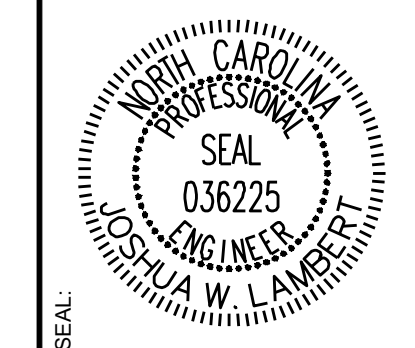
- Tree Inventory Limits- 146.0 Acres
- \* Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



**ISA**  
 KATE HEFNER  
 ISA Certified Arborist  
 SO-11096A

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

NO.	REVISIONS	DATE	BY
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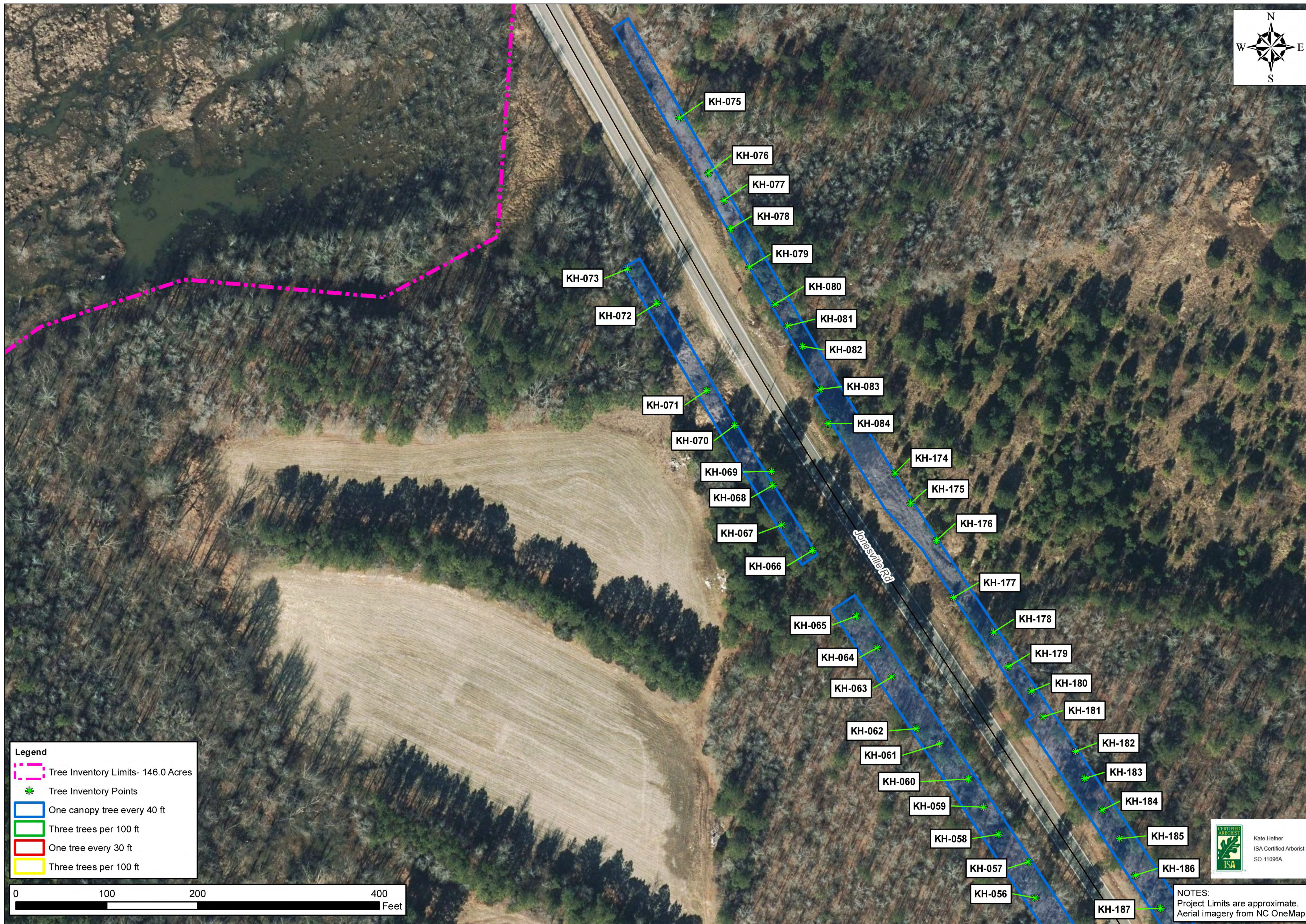
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PSP-24-00	JWL	JWL
NOT FOR CONSTRUCTION	SRG	
SCALE AS SHOWN		

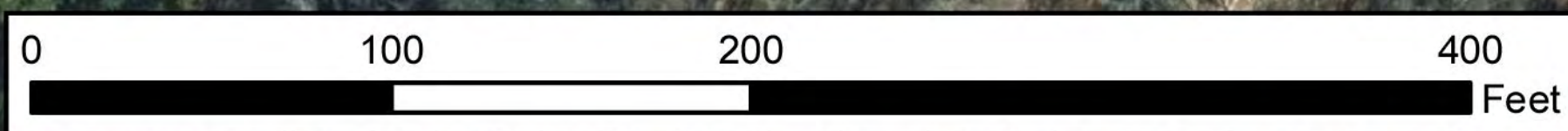
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 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL TREE INVENTORY MAP IV

DRAWING SHEET  
**C-3.5**



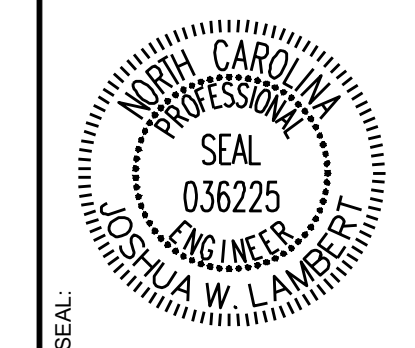
**Legend**

- 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



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

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01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



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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

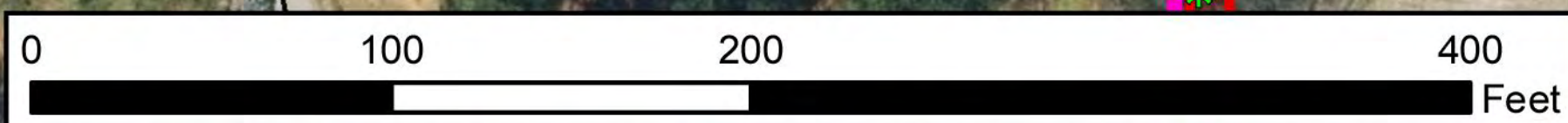
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL TREE INVENTORY MAP V

DRAWING SHEET  
**C-3.6**

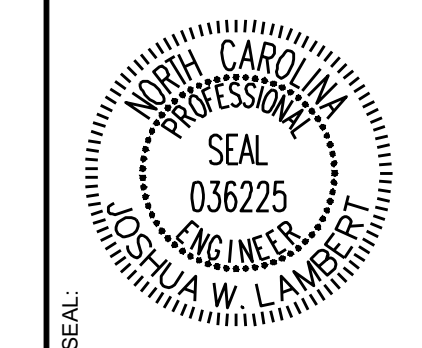
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- Legend**
- Tree Inventory Limits- 146.0 Acres
  - \* Tree Inventory Points
  - One canopy tree every 40 ft
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No.	REVISIONS	DATE	BY
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NOT FOR CONSTRUCTION	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 TREE INVENTORY MAP VI



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

DRAWING SHEET  
**C-3.7**



- KH-112
- KH-111
- KH-110
- KH-109
- KH-108
- KH-107
- KH-106
- KH-105
- KH-104
- KH-103
- KH-102
- KH-101
- KH-100
- KH-099
- KH-098
- KH-097
- KH-096
- KH-095
- KH-094
- KH-093
- KH-092
- KH-091
- KH-090
- KH-089
- KH-088
- KH-087
- KH-086
- KH-085
- KH-020

- KH-091
- KH-089

- KH-025
- KH-026
- KH-027
- KH-028
- KH-029
- KH-030
- KH-031

**Legend**

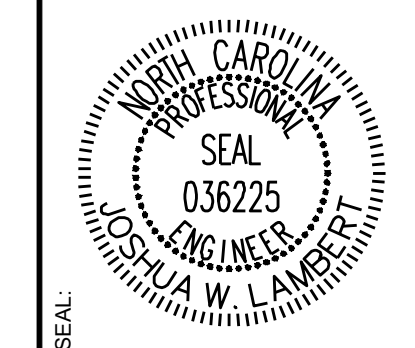
- Tree Inventory Limits- 146.0 Acres
- \* Tree Inventory Points
- One canopy tree every 40 ft
- Three trees per 100 ft
- One tree every 30 ft
- Three trees per 100 ft



Kate Heffner  
ISA Certified Arborist  
SO-11096A

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

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



**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
P-24-03	P-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 TREE INVENTORY MAP VII

DRAWING SHEET  
**C-3.8**

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

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include AJ-001 through AJ-062.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include AJ-063 through AJ-131.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-002 through KH-066.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-067 through KH-131.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-132 through KH-200.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-201 through KH-289.

Table with 4 columns: Tree Code, Botanical Name, DBH, Condition Overall. Rows include KH-290 through N/A.

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 - Platycladus orientalis
PRSE - Prunus serotina
QUAL - Quercus alba
QUFA - Quercus falcata
QUNI - Quercus nigra
QUPA - Quercus pagoda
QUPH - Quercus phellos
QURU - Quercus rubra
QUST - Quercus stellata
QUVE - Quercus velutina
ULAL - Ulmus alata
ULRU - Ulmus rubra

Table with 2 columns: S/REG, DATE. Rows include 08/01/2023, 12/05/2023, 03/01/2024.

Professional Engineer Seal for Mitchell W. L. Anderson, No. 036225, State of North Carolina.

Table with 2 columns: S/REG, DATE. Rows include 08/01/2023, 12/05/2023, 03/01/2024.

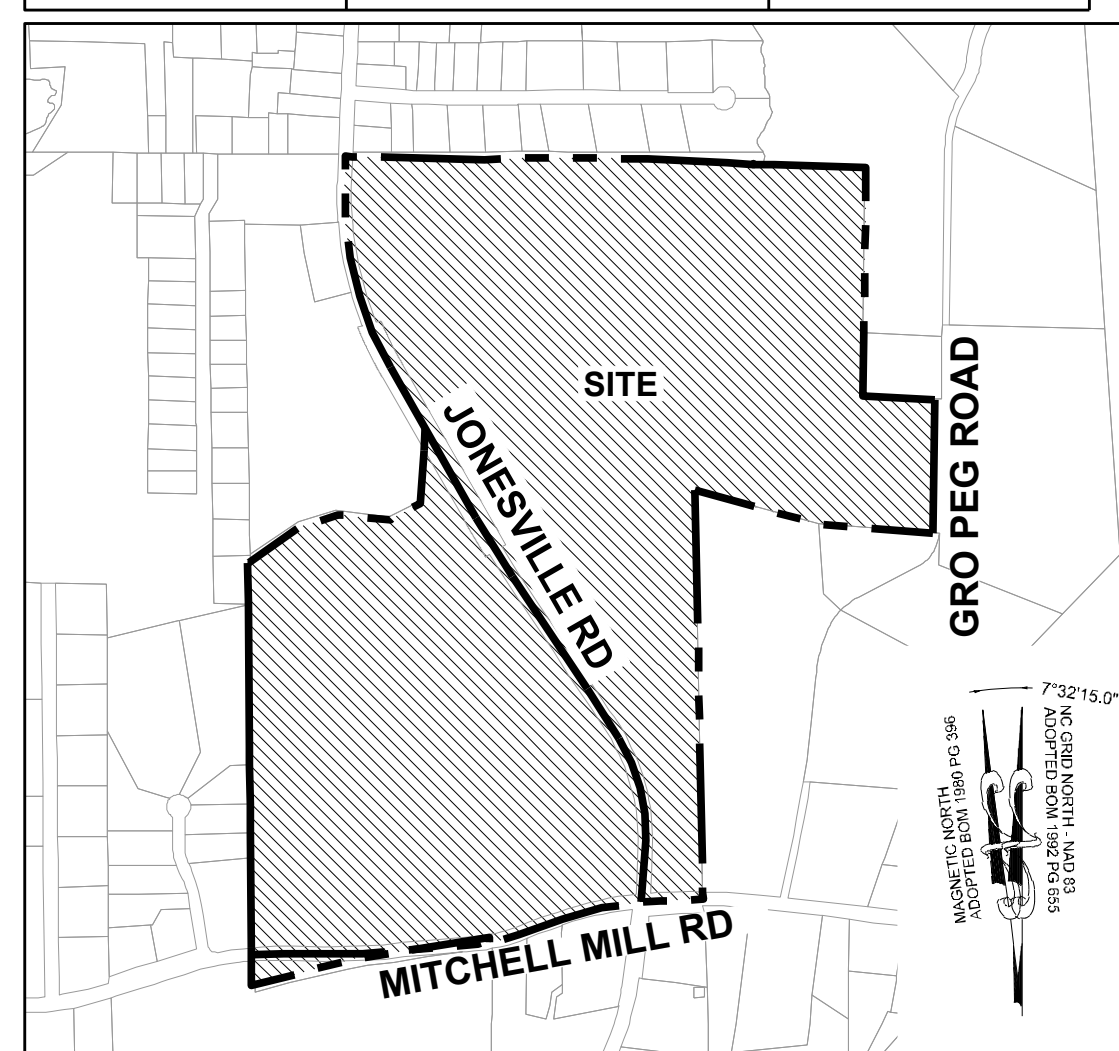
STRONGROCK ENGINEERING GROUP logo and contact information.

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

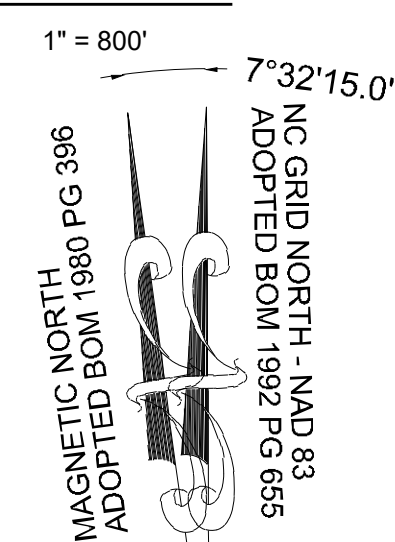
DRAWING SHEET C-3.9

PARCEL CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD	BEARING
C1	2310.00'	177.73'	177.68'	N 84°38'46" W
C2	1293.60'	5.35'	5.35'	N 86°58'07" W
C3	1293.60'	337.11'	336.16'	S 85°26'50" W
C4	713.00'	127.72'	127.55'	S 83°06'48" W
C5	713.00'	48.21'	48.20'	N 89°49'04" W
C6	3289.02'	363.69'	363.50'	N 84°42'47" W
C7	1415.00'	134.86'	134.81'	N 84°16'32" W
C8	4219.80'	259.16'	259.12'	N 11°21'15" E
C9	760.57'	442.47'	436.25'	N 07°04'17" W
C10	5980.51'	249.26'	249.25'	N 24°55'52" W
C11	4196.85'	289.52'	289.47'	N 24°08'56" W
C12	1444.00'	809.14'	798.60'	N 06°07'11" W

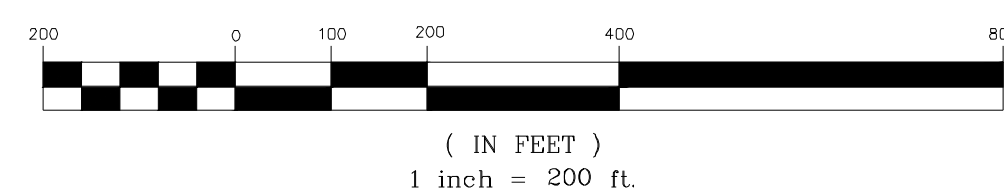
PARCEL LINE TABLE		
COURSE	BEARING	DISTANCE
L1	S 81°44'51" E	203.47'
L2	N 25°12'36" E	0.99'
L13	N 07°04'28" E	19.71'
L14	N 07°09'19" E	160.38'
L15	S 81°18'24" E	4.60'
L16	N 79°20'16" E	165.95'
L17	N 69°21'06" E	141.50'
L18	N 86°51'01" W	73.68'
L19	S 77°58'54" W	193.04'
L20	N 87°52'51" W	288.79'
L21	N 87°52'51" W	8.74'
L22	N 81°32'43" W	147.86'
L23	N 09°55'59" E	101.17'



VICINITY MAP



GRAPHIC SCALE

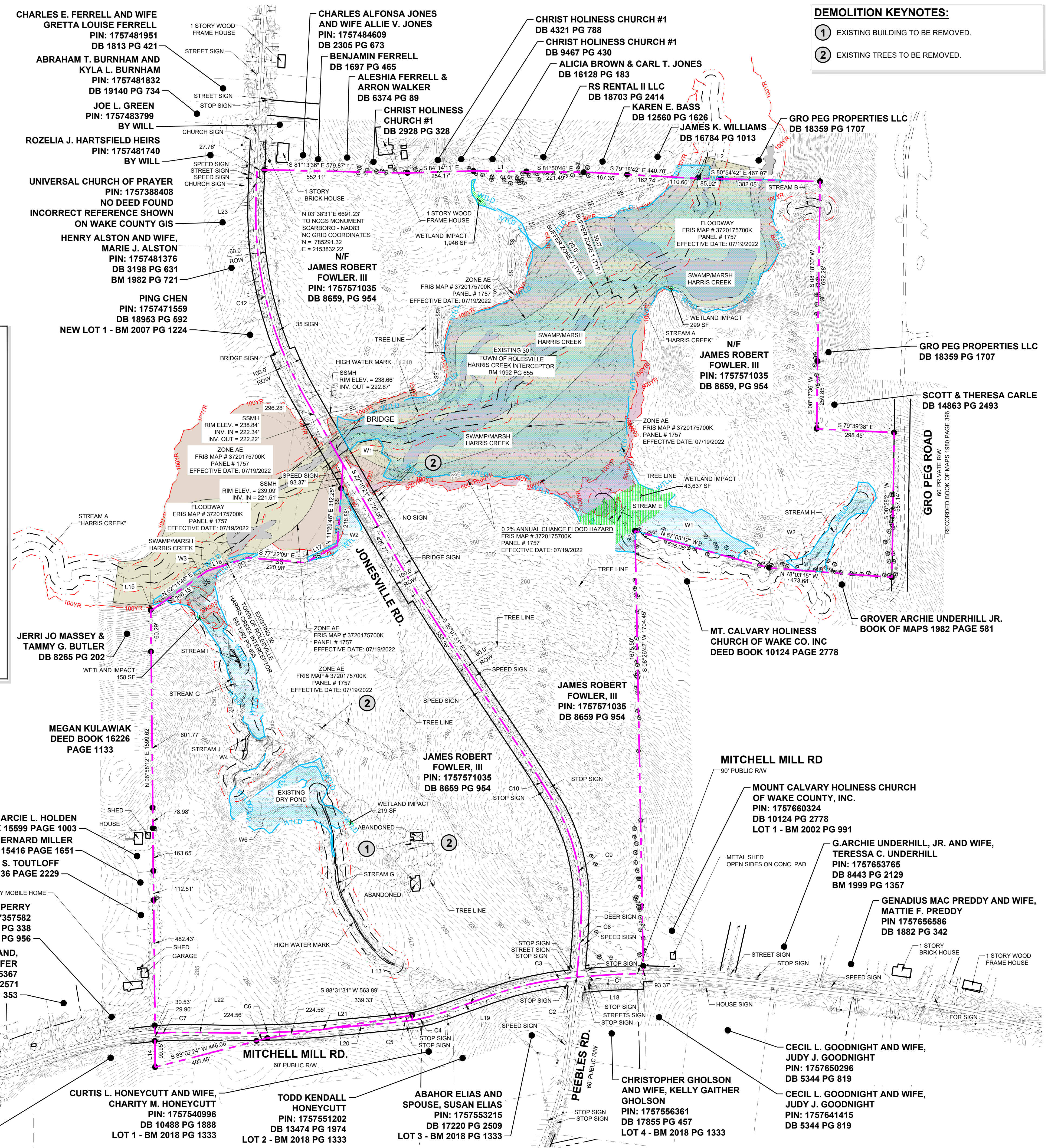


**LEGEND:**

- MASTER PLAN BOUNDARY (dashed pink line)
- EXISTING ADJOINER PROPERTY LINE (dashed black line)
- 5' CONTOUR (dashed black line)
- 1' CONTOUR (dashed black line)
- EXISTING INTERMITTENT STREAM (dashed blue line)
- EXISTING PERENNIAL STREAM (solid blue line)
- EXISTING BUFFER ZONE 1 (dashed red line)
- EXISTING BUFFER ZONE 2 (dashed red line)
- 500 YEAR FLOOD LINE (solid red line)
- 100 YEAR FLOOD LINE (solid red line)
- EXISTING TREE (circle with cross)
- NEW IRON PIPE (circle with dot)
- EXISTING IRON PIPE (circle with dot)
- EXISTING WETLAND (blue hatched area)
- FLOOD HAZARD (pink shaded area)
- FLOODZONE AE (yellow shaded area)
- FLOODWAY (green shaded area)
- SWAMP/MARSH HARRIS CREEK (blue hatched area)
- WETLAND IMPACTS (green hatched area)

**DEMOLITION KEYNOTES:**

- EXISTING BUILDING TO BE REMOVED.
- EXISTING TREES TO BE REMOVED.



**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 PLAT DEMOLITION PLAN**

**C-4.0**

**15 OF 76**

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

DATE: \_\_\_\_\_

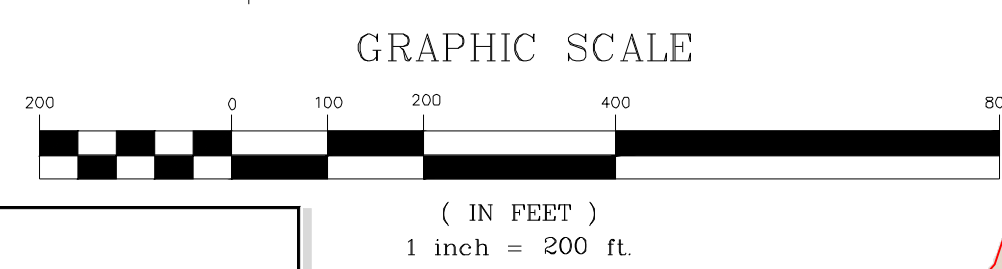
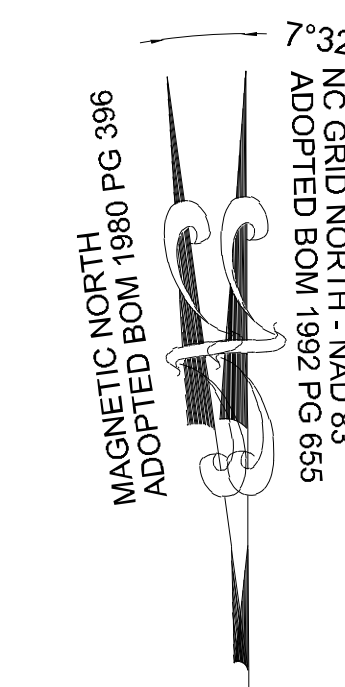
REVISIONS:

NO.	DATE	DESCRIPTION
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT PSP-24-03
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS PSP-24-03
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS PSP-24-03

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.

LINE TABLE table with columns: NAME, ROADWAY, LENGTH, DIRECTION, BEGIN STATION, END STATION. Rows L1 to L26.

LINE TABLE table with columns: NAME, ROADWAY, LENGTH, DIRECTION, BEGIN STATION, END STATION. Rows L27 to L52.

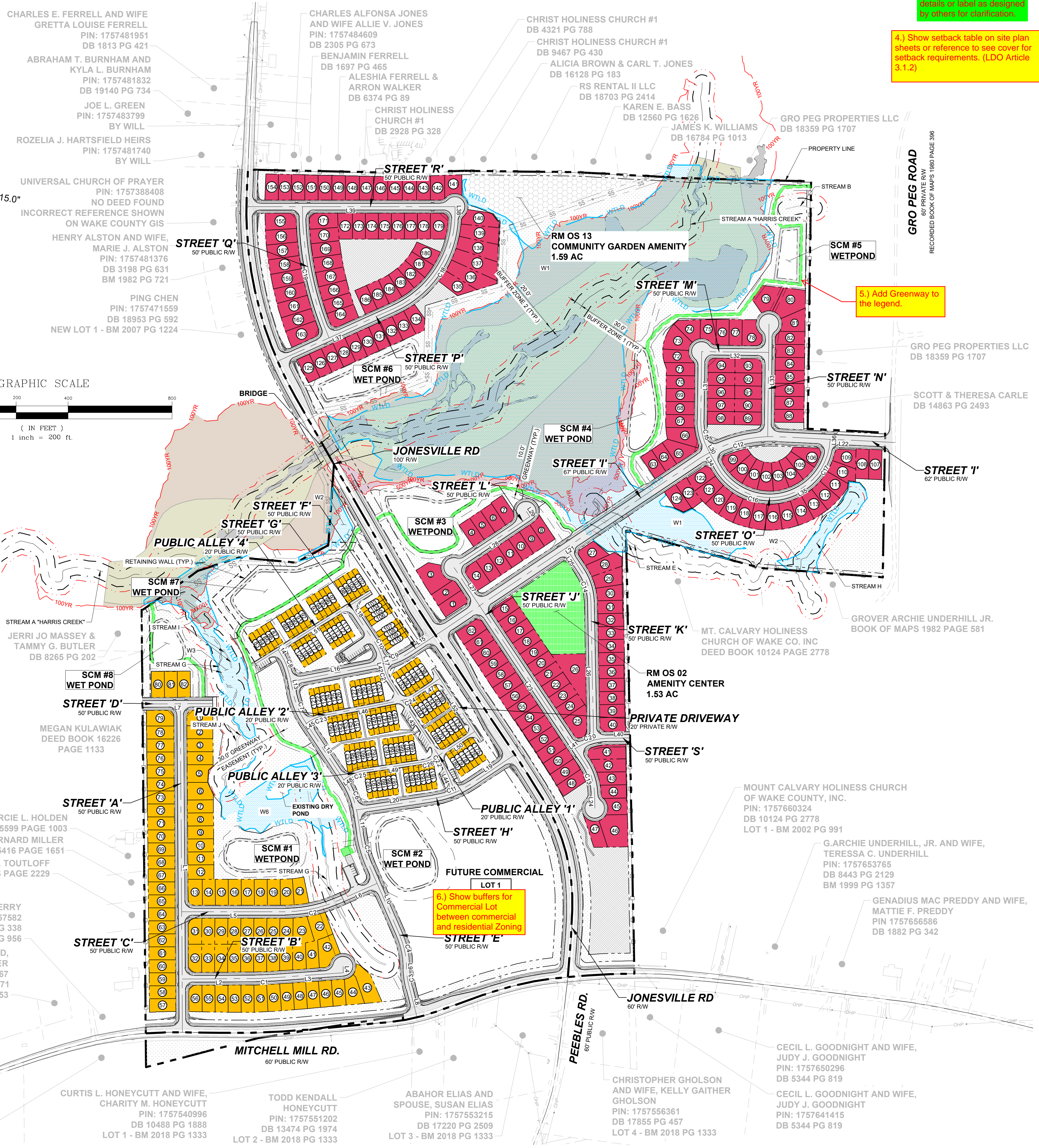


CURB table with columns: NAME, ROADWAY, RADIUS, AR LENS, END STATION. Rows C1 to C26.

LEGEND section with symbols for: EXISTING PROPERTY LINE, 500 YEAR FLOOD LINE, 100 YEAR FLOOD LINE, SIGN, STOP BAR, ROADWAY CENTER LINE, PROPOSED PROPERTY LINE, STANDARD CURB & GUTTER, CONCRETE SIDEWALK, ASPHALT PAVEMENT, OPEN SPACE, EXISTING WETLAND, FLOOD HAZARD, FLOODZONE AE, FLOODWAY, SWAMP/MARSH HARRIS CREEK.

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

- GENERAL NOTES: 1. ALL CONSTRUCTION SHALL CONFORM TO TOWN OF ROLESVILLE AND CITY OF RALEIGH STANDARDS AND SPECIFICATIONS. 2. ROADS AND DRIVEWAYS SHALL COMPLY WITH NCDOT AND TOWN OF ROLESVILLE STANDARDS. 3. 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. 4. THE WATER AND SEWER SYSTEMS SHALL COMPLY WITH CITY OF RALEIGH STANDARDS. 5. 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. 6. CONSTRUCTION DRAWINGS SHALL BE SUBMITTED AND APPROVED BY TOWN OF ROLESVILLE AND CITY OF RALEIGH PRIOR TO CONSTRUCTION. 7. ALL STREETS WITHIN THE SUBDIVISION WILL HAVE A POSTED SPEED LIMIT OF 25 MPH. 8. RESTRICTIVE COVENANTS SHALL BE APPROVED AND RECORDED PRIOR TO RECORDING OF FINAL PLAT. 9. 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. 10. PRIVATE STORM DRAINAGE EASEMENTS SHALL BE MAINTAINED BY THE HOA. 11. SUBDIVISION LOTS MUST BE LOTS OF RECORD PRIOR TO RECEIVING A BUILDING PERMIT.



4.) Show setback table on site plan sheets or reference to see cover for setback requirements. (LDO Article 3.1.2)

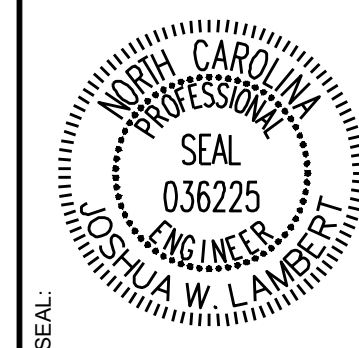
5.) Add Greenway to the legend.

6.) Show buffers for Commercial Lot between commercial and residential Zoning

Professional seal for STRONGROCK ENGINEERING GROUP, INC. with project details: STRONG ROCK PROJECT PSP-24-03, NOT FOR CONSTRUCTION, SCALE AS SHOWN, DESIGNED BY JWL, DRAWN BY SRG, CHECKED BY JWL. Includes company address and license information.



NO.	REVISIONS	DATE	BY
01			
02			
03			



# STRONGROCK

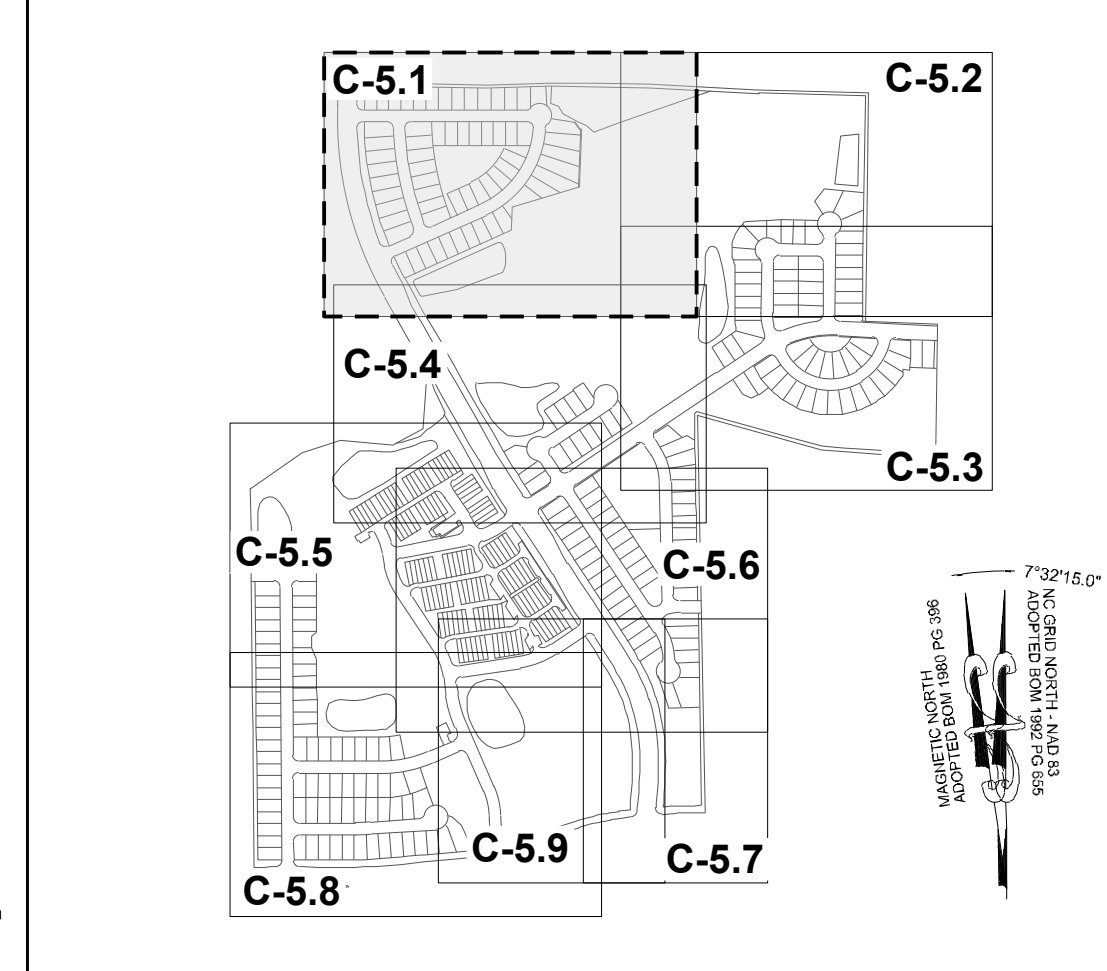
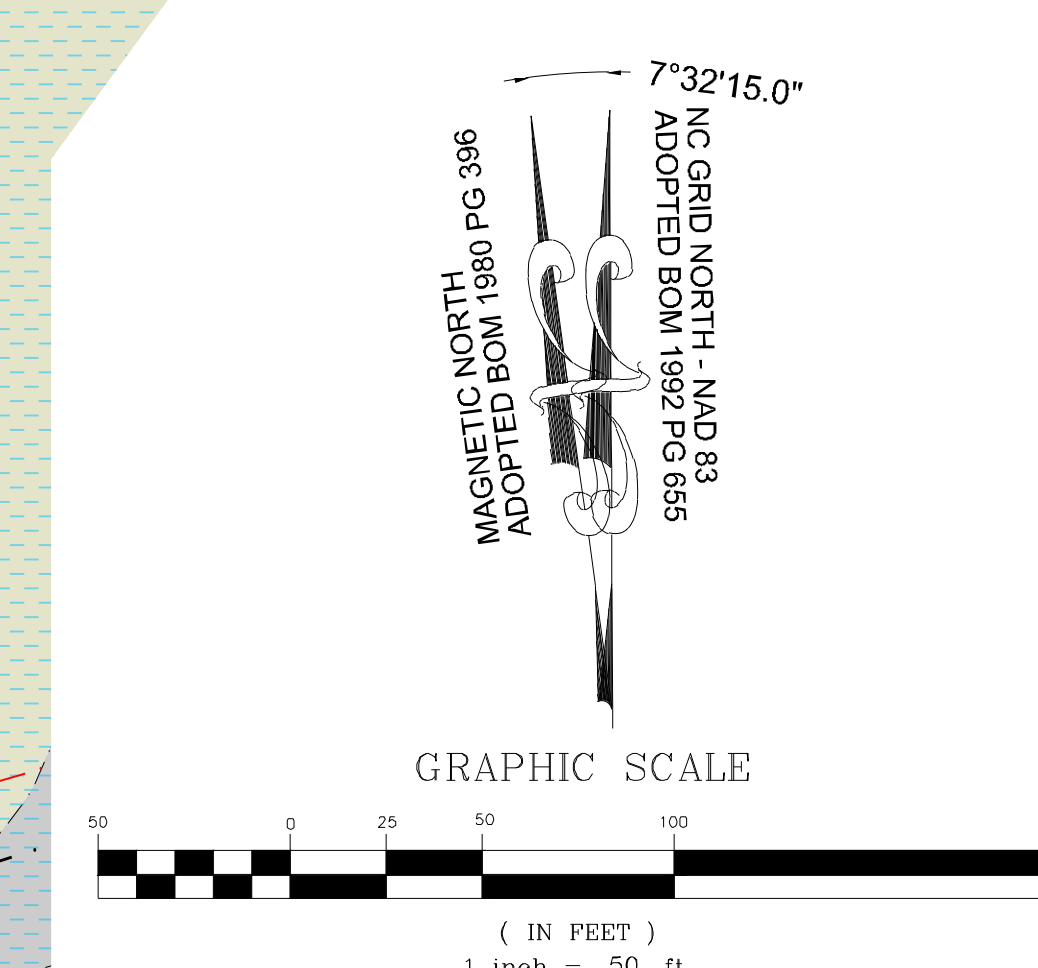
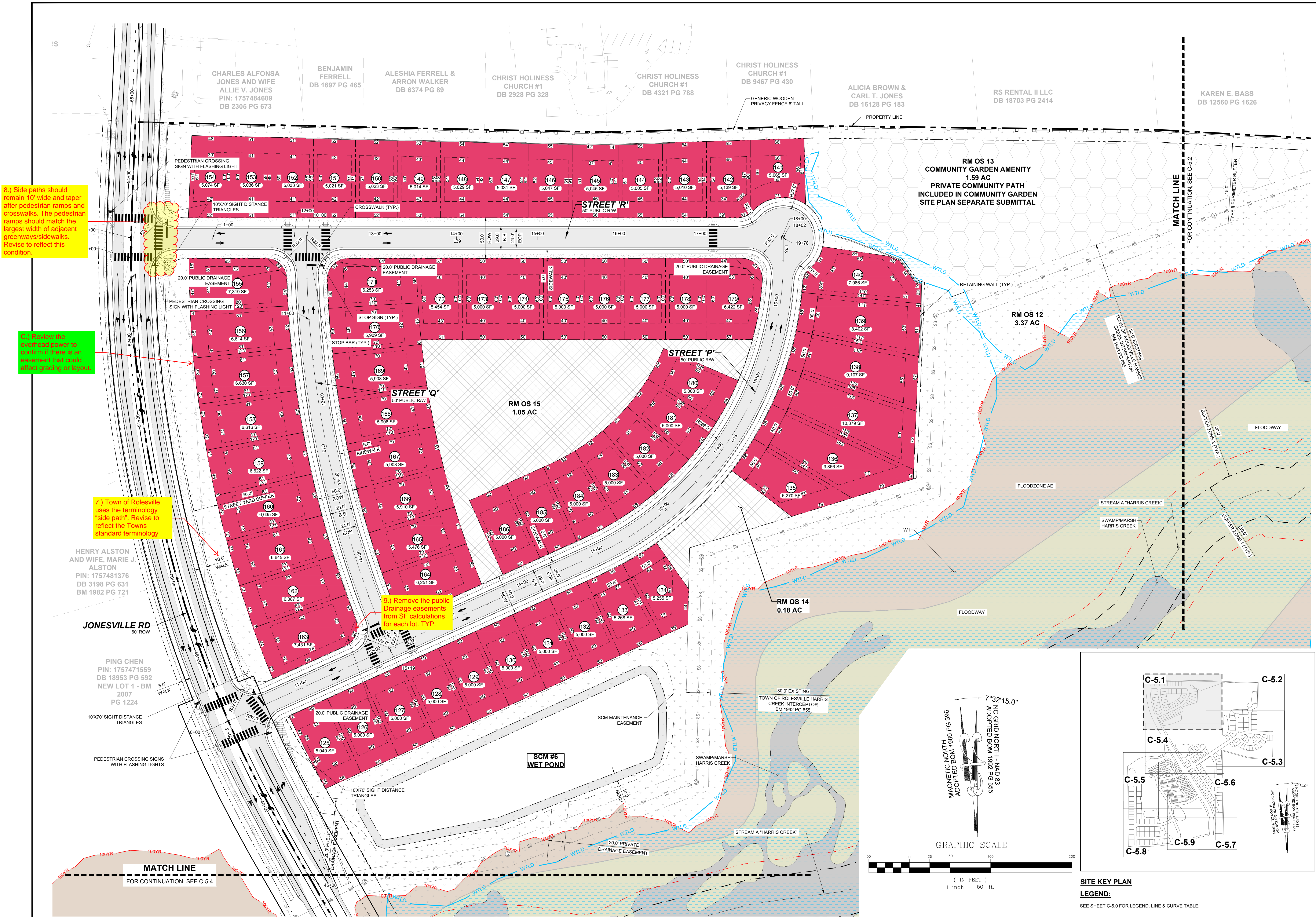
ENGINEERING GROUP

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

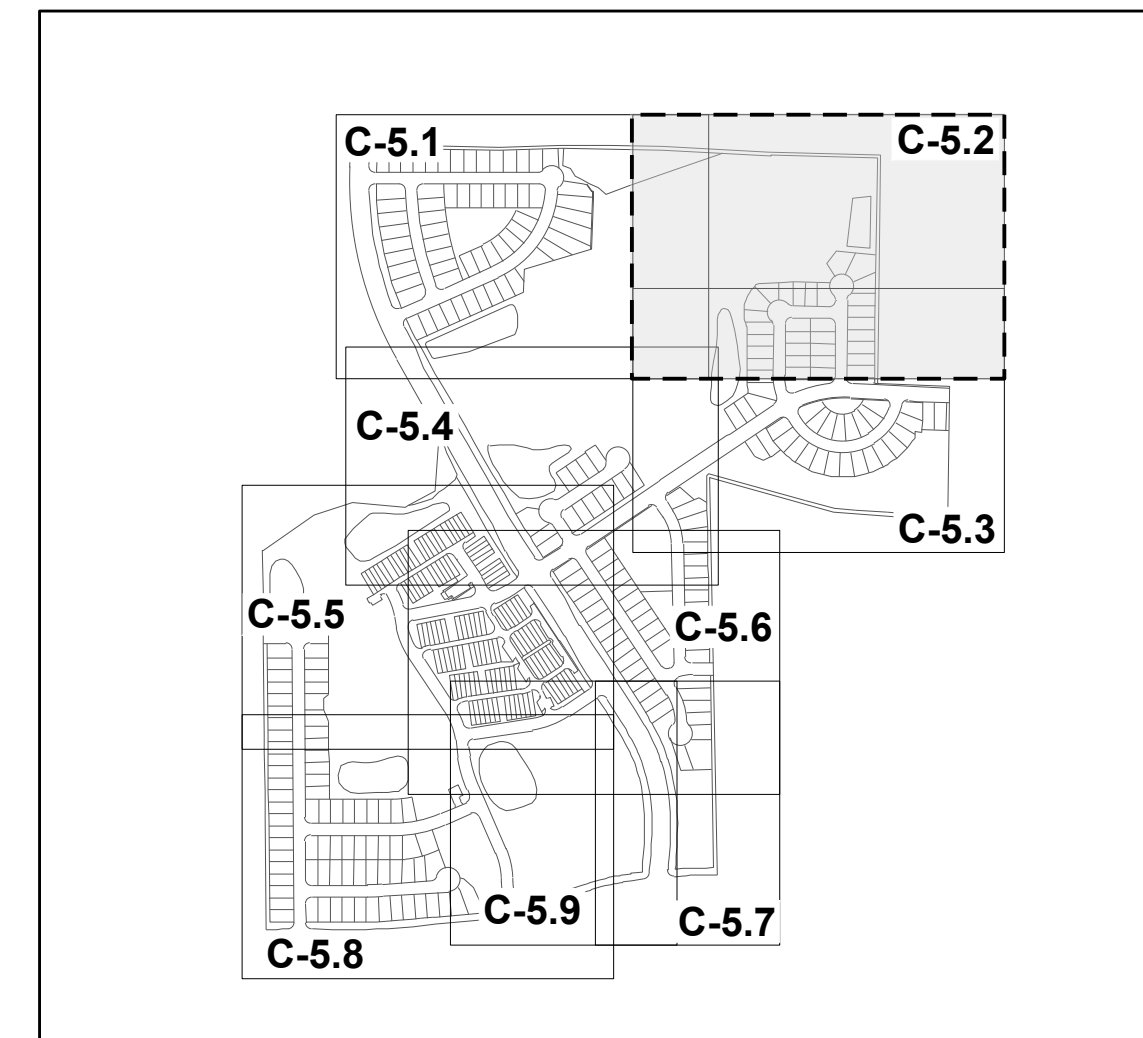
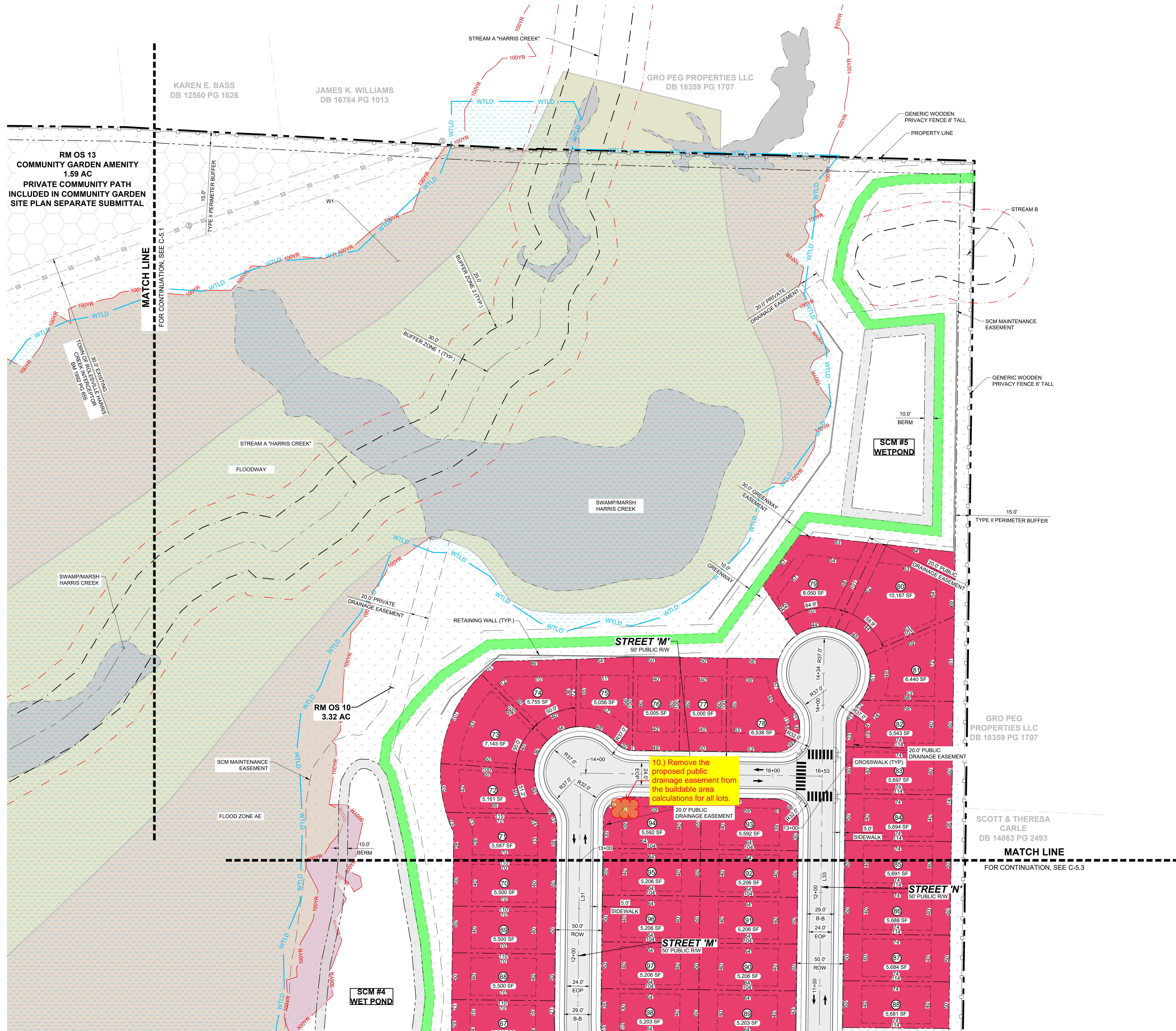
STRONG ROCK PROJECT	JWL	JWL
PSP-24-03	AS SHOWN	SRG
NOT FOR CONSTRUCTION	SCALE	DESIGNED BY
		DRAWN BY
		CHECKED BY

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

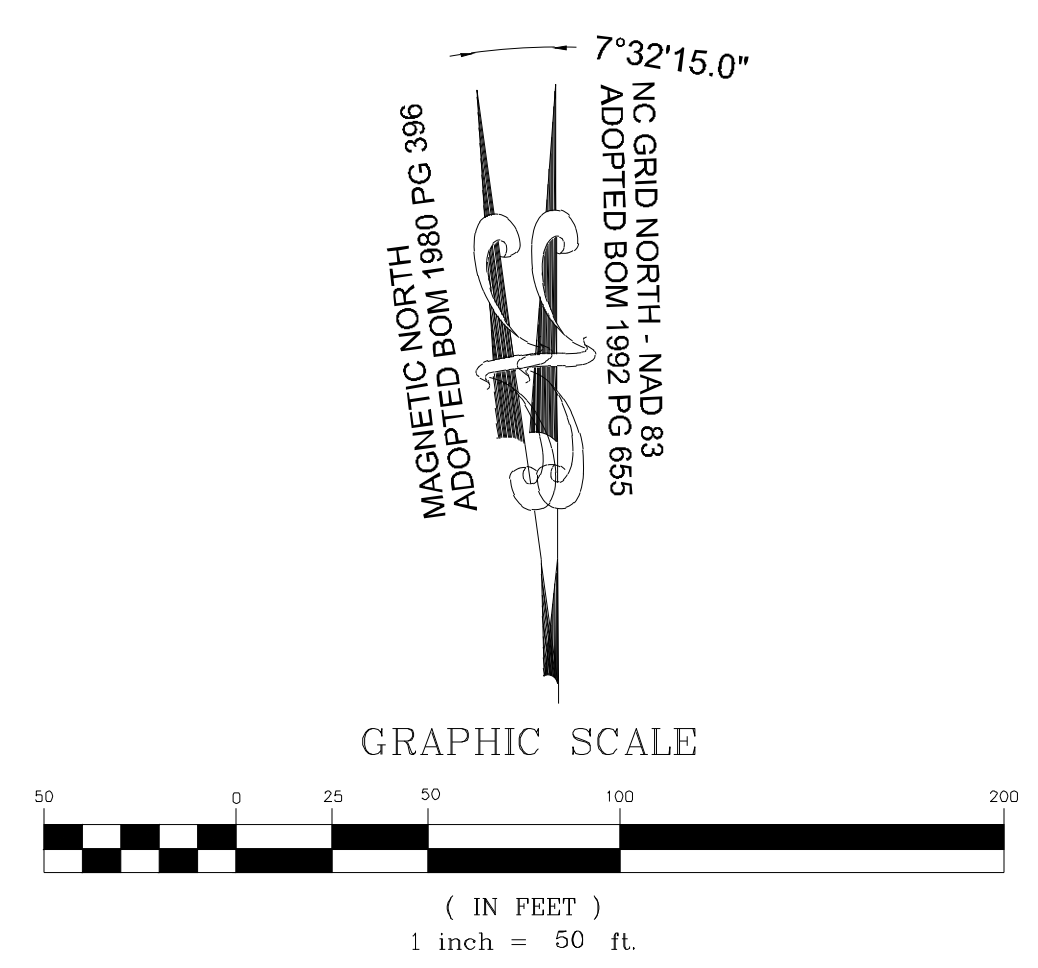
DRAWING SHEET  
**C-5.1**



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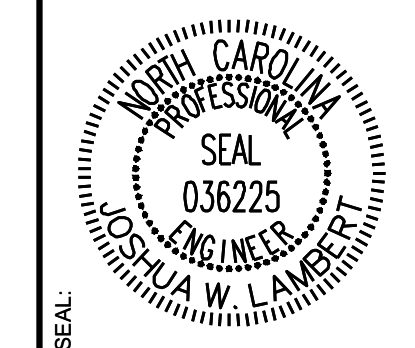


**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLE.



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

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	JWL
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	JWL
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	JWL

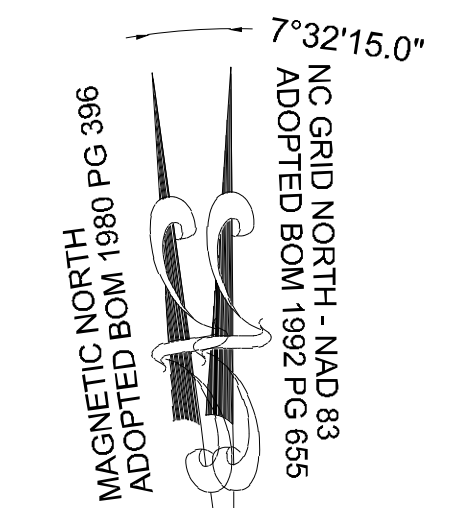
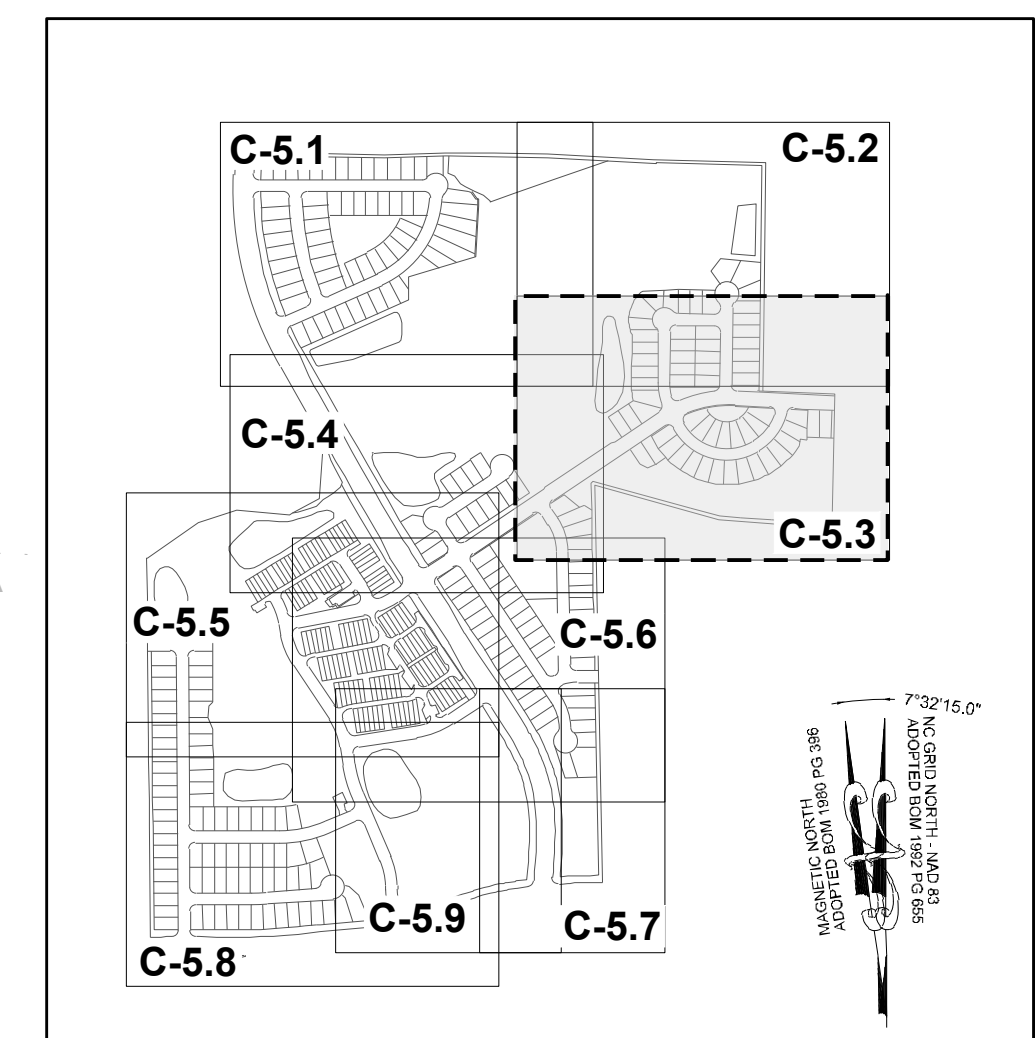
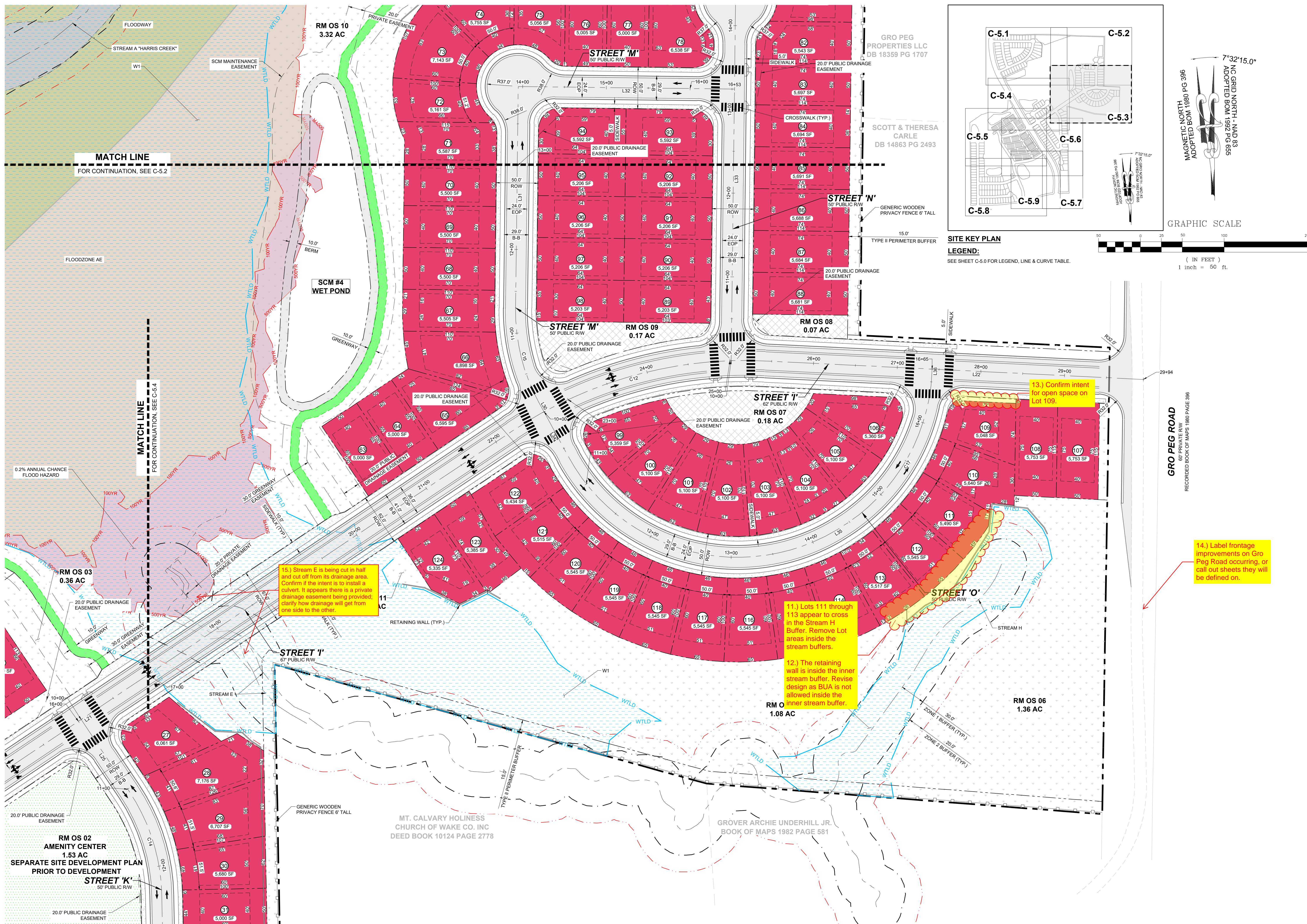


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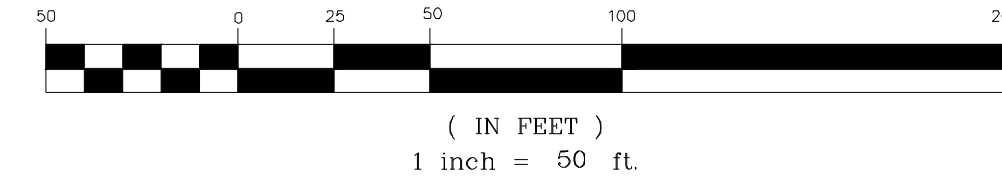
STRONG ROCK PROJECT P-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL SITE PLAN II

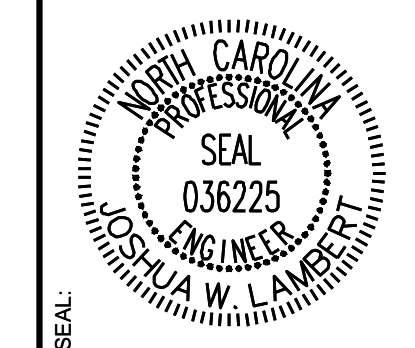
DRAWING SHEET  
**C-5.2**



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



NO.	REVISIONS	DATE	BY
01			
02			
03			



**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  
 PARTIAL SITE PLAN III

DRAWING SHEET  
**C-5.3**

15.) Stream E is being cut in half and cut off from its drainage area. Confirm if the intent is to install a culvert. If appears there is a private drainage easement being provided, clarify how drainage will get from one side to the other.

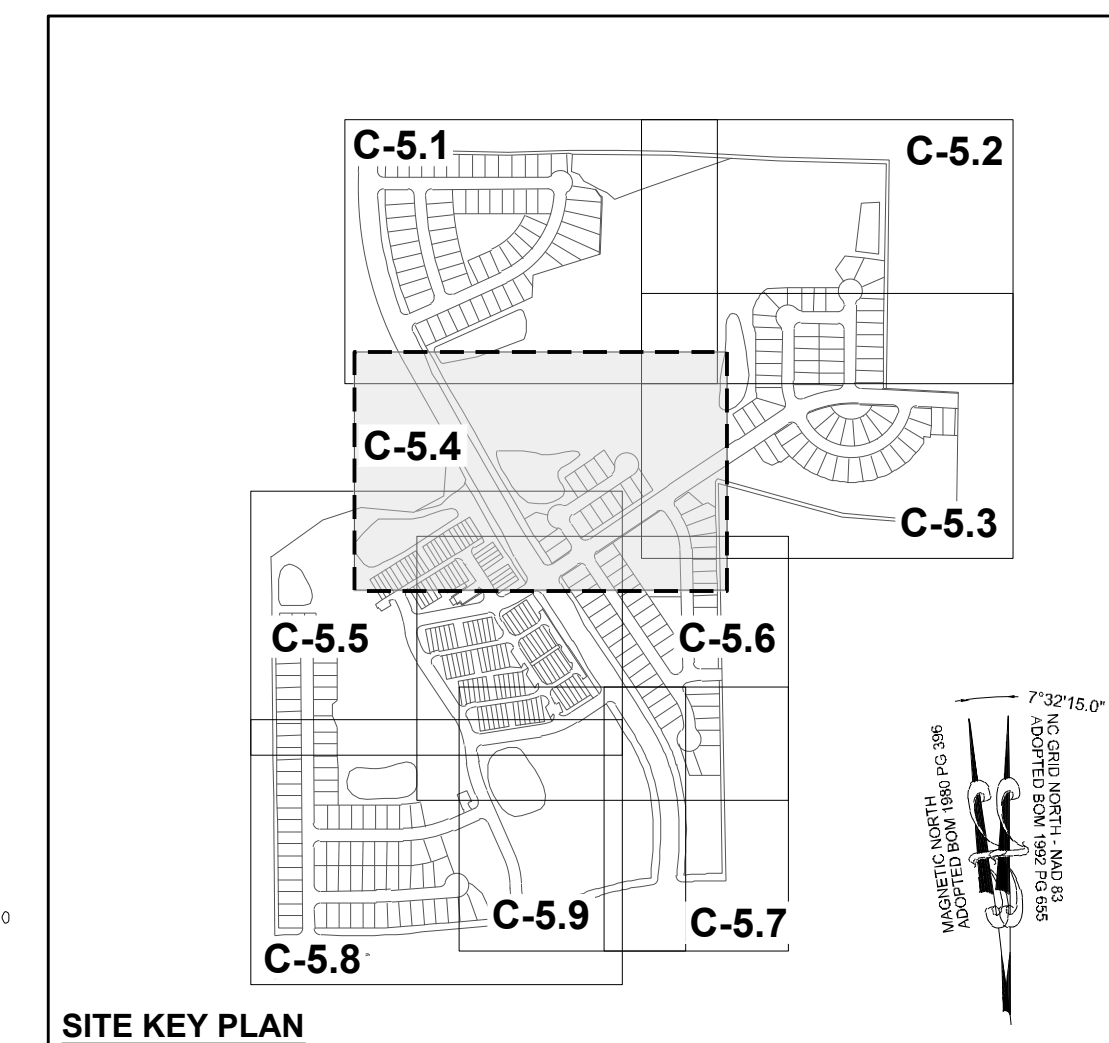
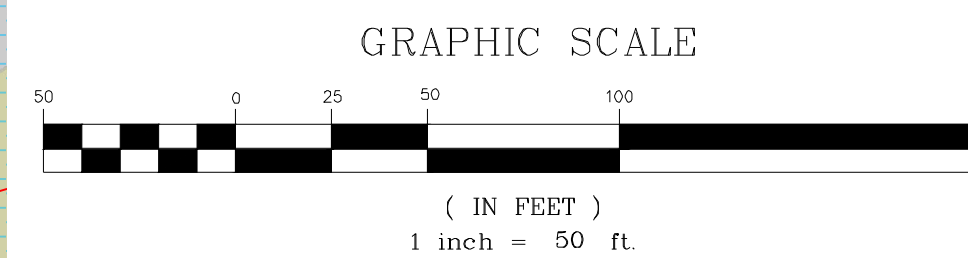
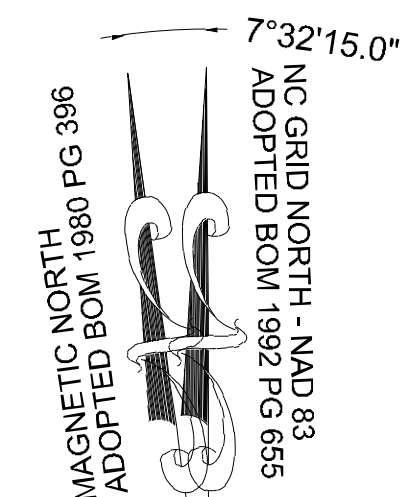
11.) Lots 111 through 113 appear to cross in the Stream H Buffer. Remove Lot areas inside the stream buffers.

12.) The retaining wall is inside the inner stream buffer. Revise design as BUA is not allowed inside the inner stream buffer.

13.) Confirm intent for open space on Lot 109.

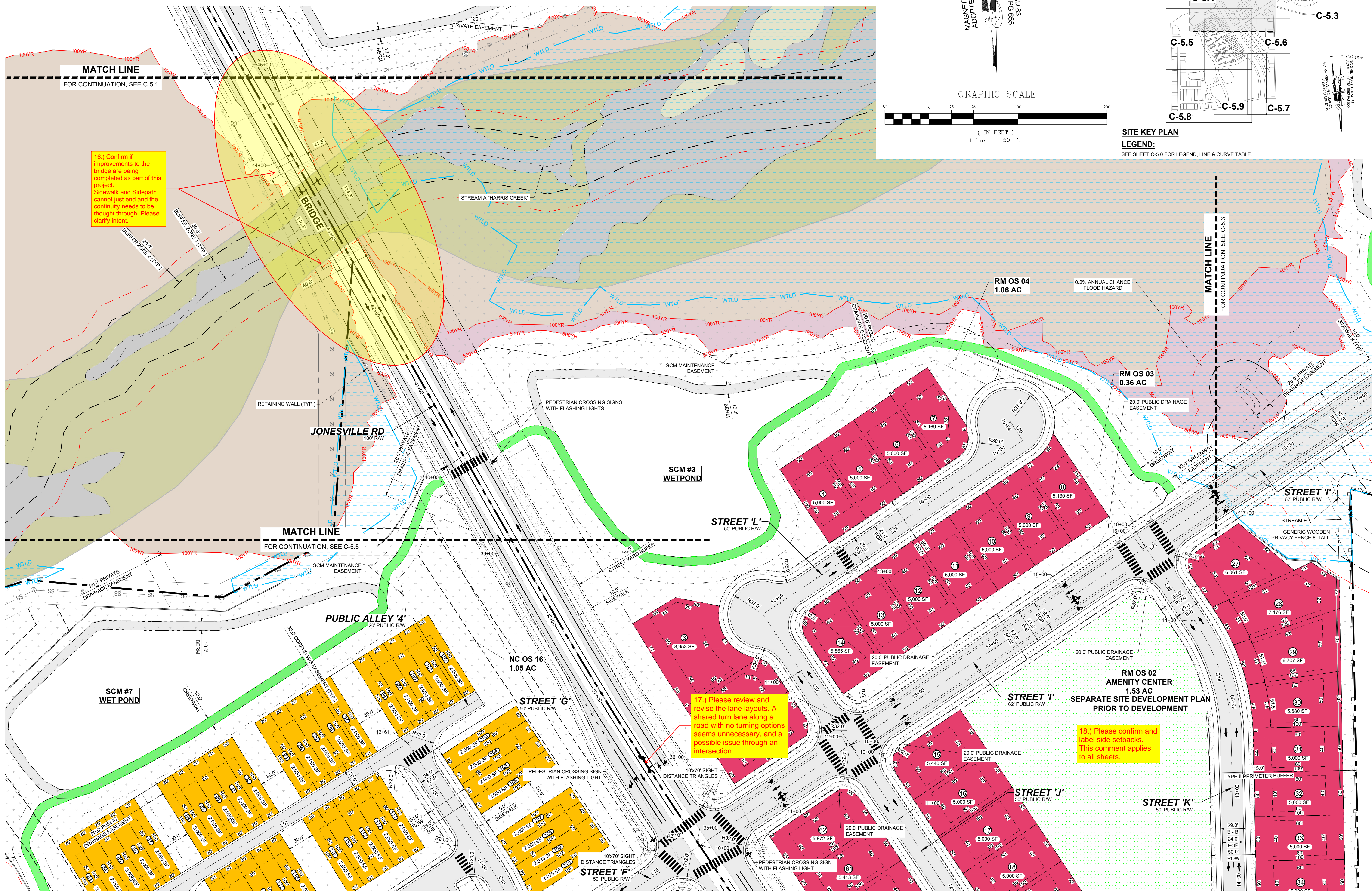
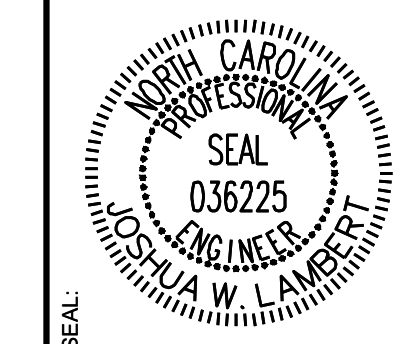
14.) Label frontage improvements on Gro Peg Road occurring, or call out sheets they will be defined on.

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



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

NO.	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAN P-24-03	JWL
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS P-24-03	JWL
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS P-24-03	JWL



16.) Confirm if improvements to the bridge are being completed as part of this project. Sidewalk and Sidewalk cannot just end and the community needs to be thought through. Please clarify intent.

17.) Please review and revise the lane layouts. A shared turn lane along a road with no turning options seems unnecessary, and a possible issue through an intersection.

18.) Please confirm and label side setbacks. This comment applies to all sheets.

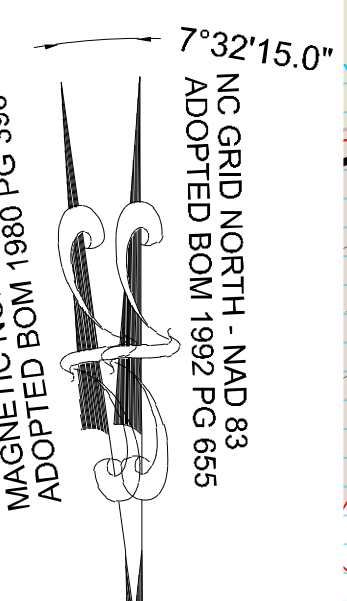
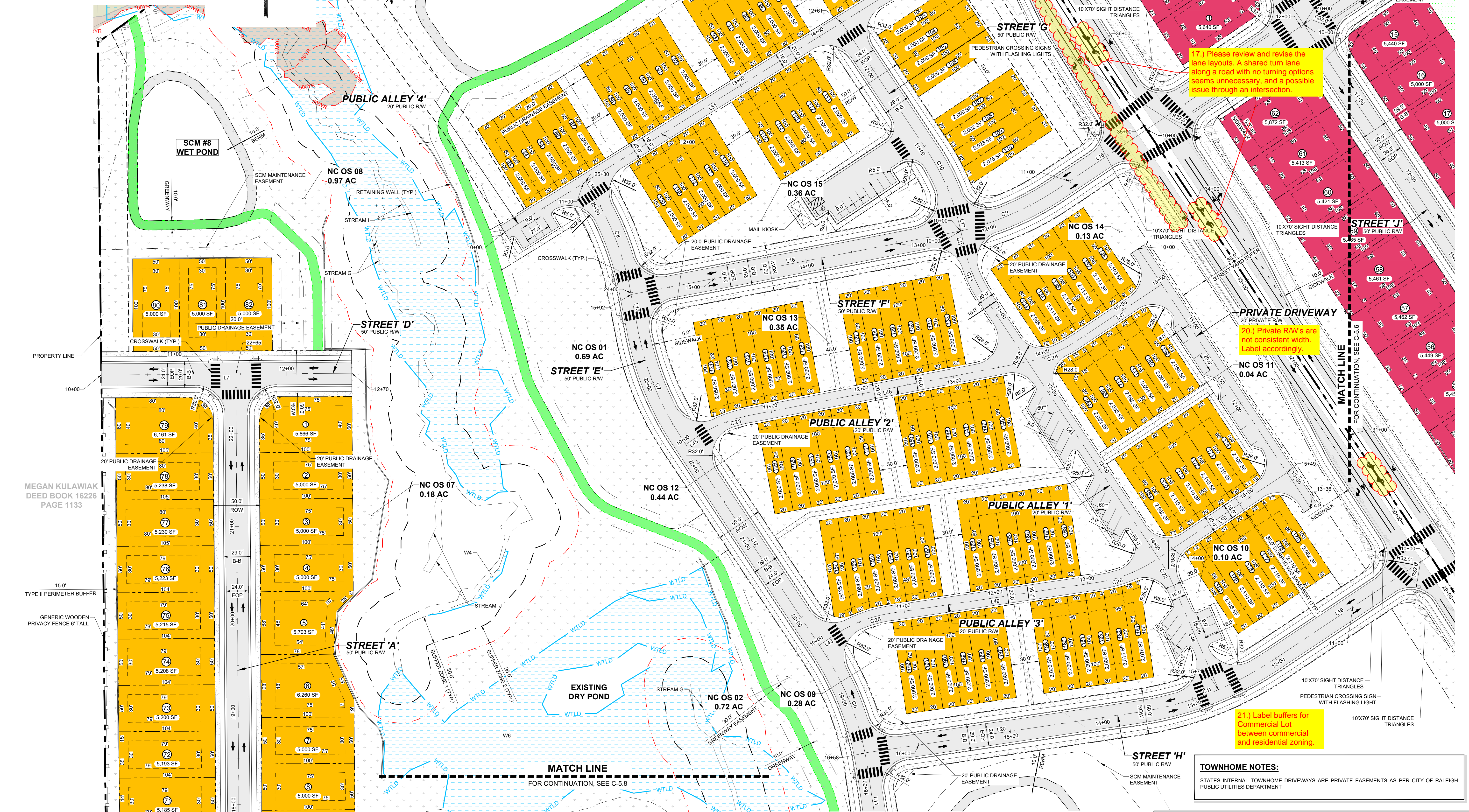
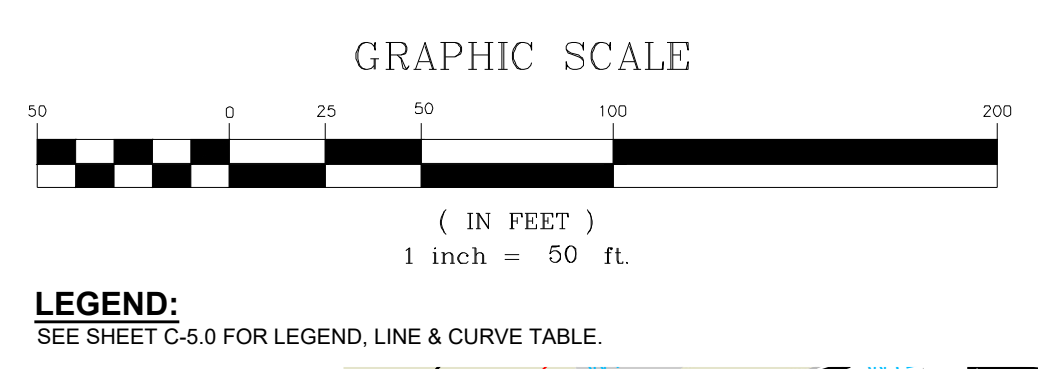
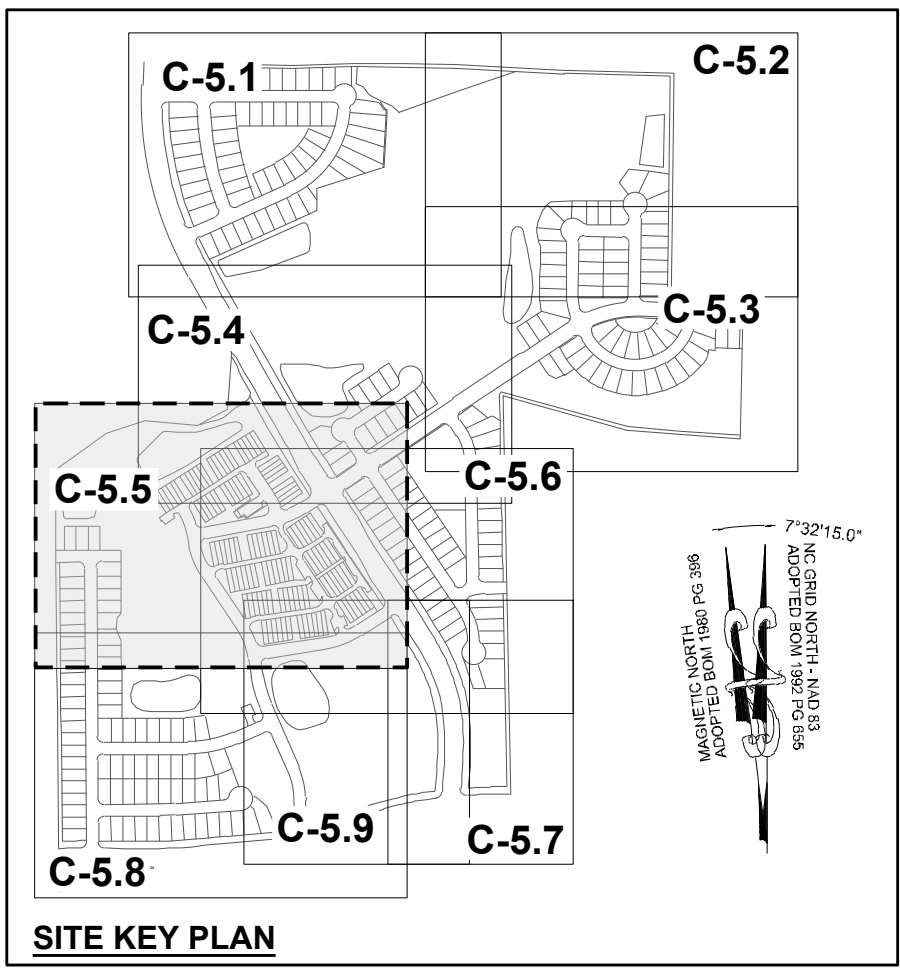
**STRONGROCK**  
ENGINEERING GROUP  
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

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

DRAWING SHEET  
**C-5.4**

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



MEGAN KULAWIAK  
DEED BOOK 16226  
PAGE 1133

15.0'  
TYPE II PERIMETER BUFFER

GENERIC WOODEN  
PRIVACY FENCE 6' TALL

19.) Overhead Power will need to be relocated with the addition of this right only turn lane.

17.) Please review and revise the lane layouts. A shared turn lane along a road with no turning options seems unnecessary, and a possible issue through an intersection.

20.) Private R/W's are not consistent width. Label accordingly.

21.) Label buffers for Commercial Lot between commercial and residential zoning.

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

NO.	REVISIONS	DATE	BY
01			
02			
03			

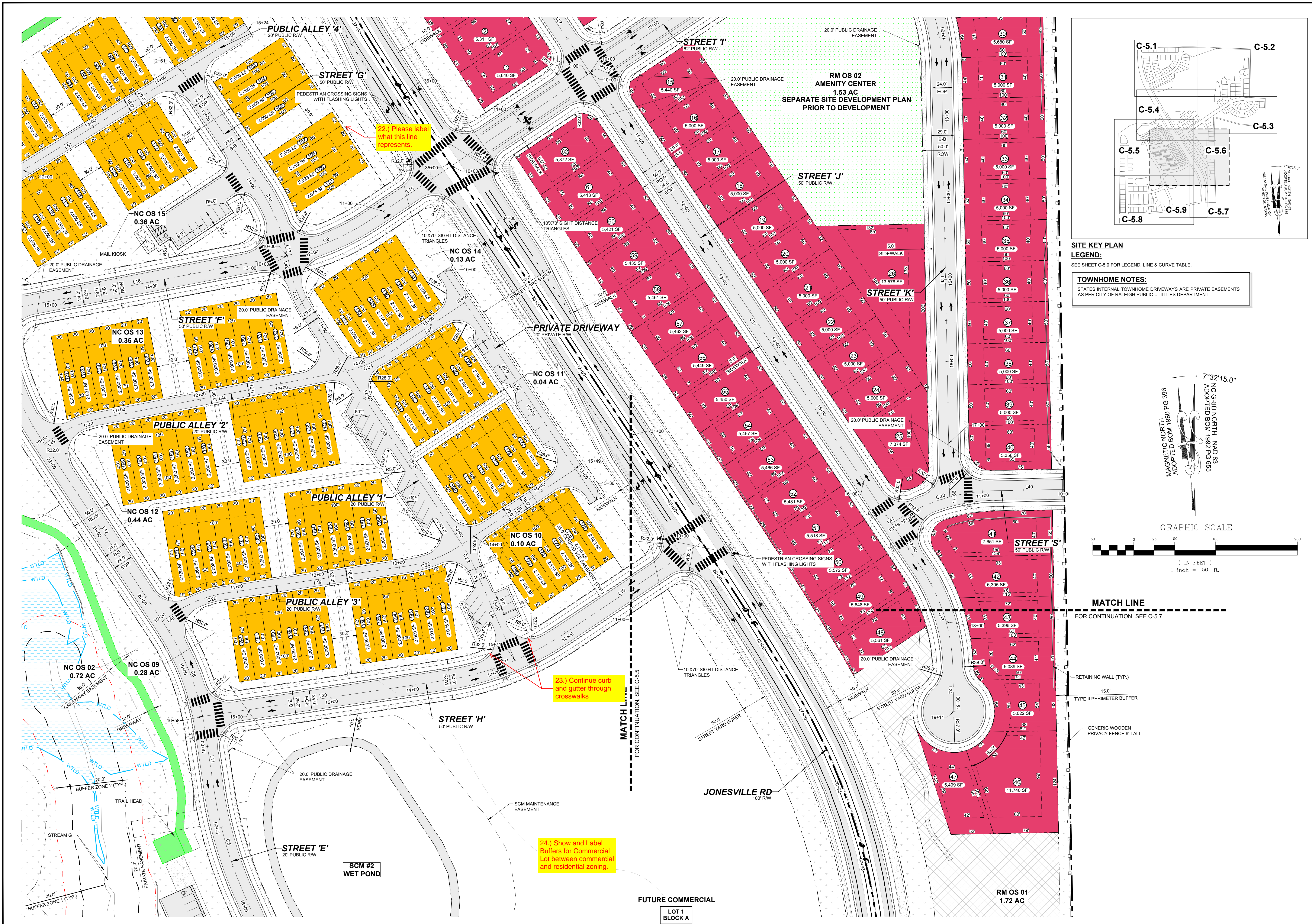
STRONGROCK ENGINEERING GROUP  
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM  
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166

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 PLAN  
 PARTIAL SITE PLAN V

DRAWING SHEET  
**C-5.5**

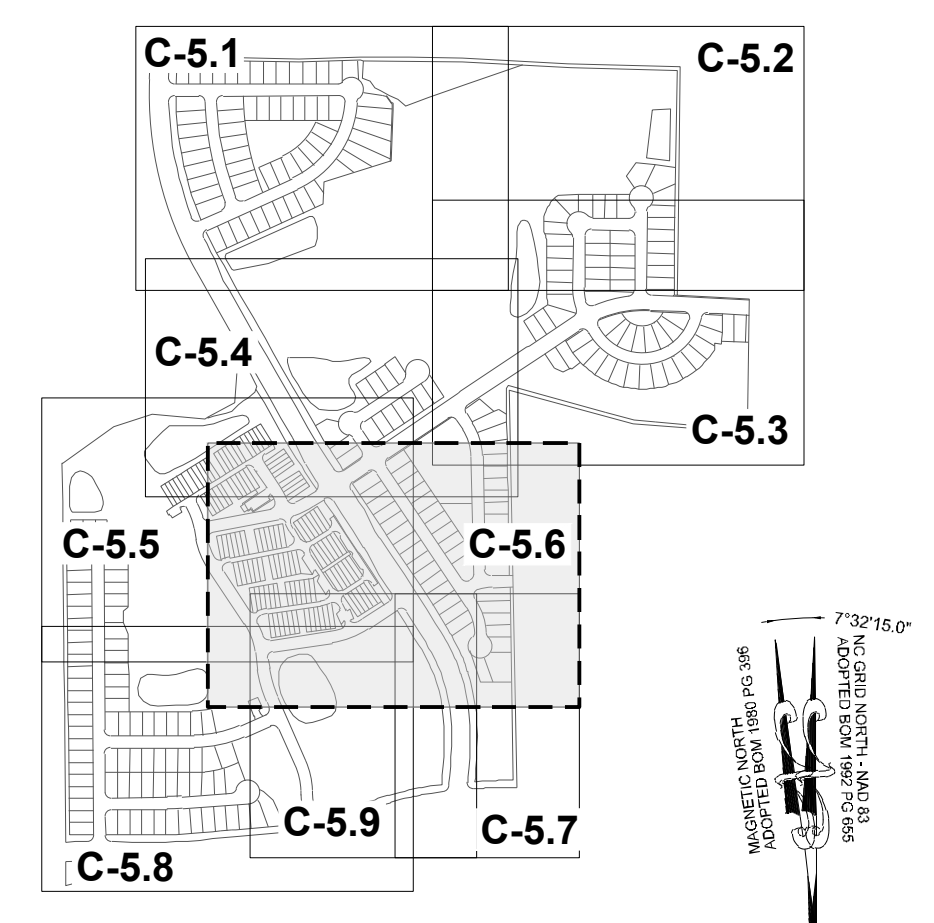
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22.) Please label what this line represents.

23.) Continue curb and gutter through crosswalks

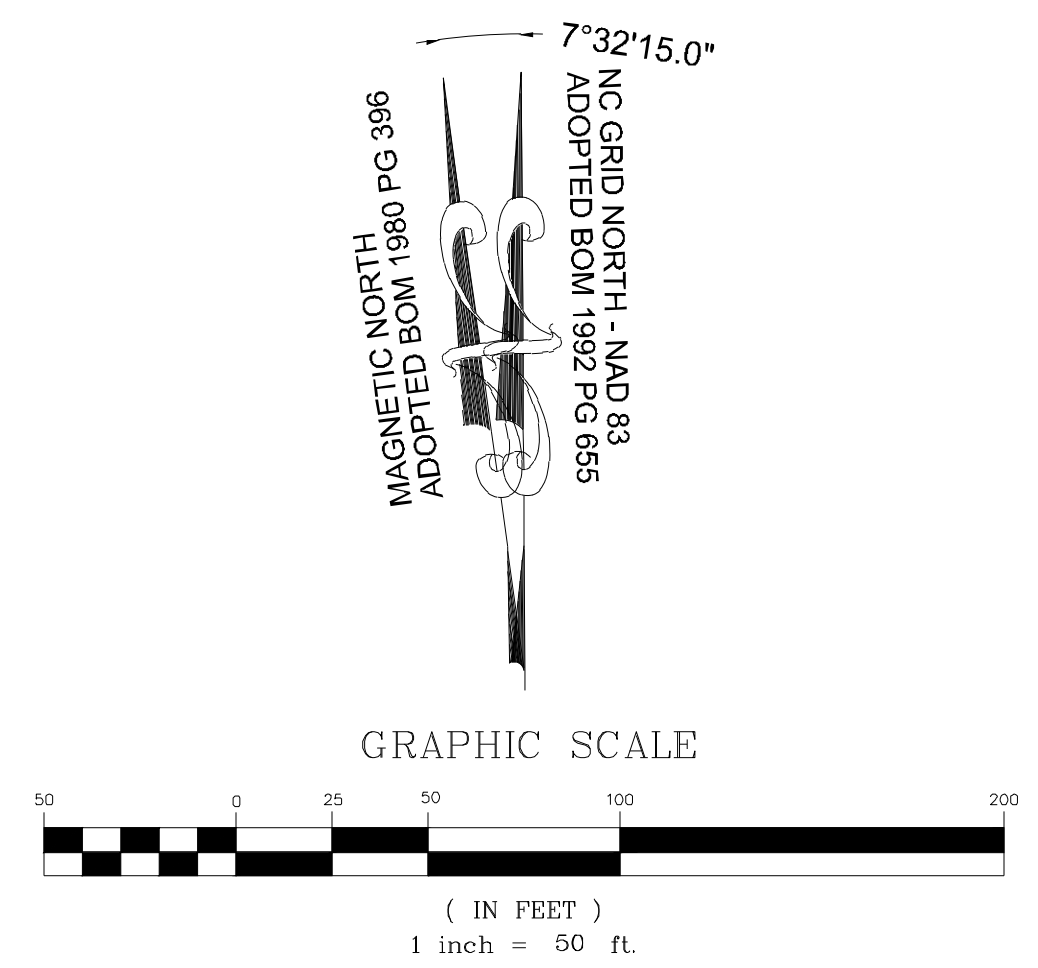
24.) Show and Label Buffers for Commercial Lot between commercial and residential zoning.



**SITE KEY PLAN**

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

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



**MATCH LINE**  
FOR CONTINUATION, SEE C-5.7

01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	BY
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	DATE
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	REVISIONS
			No.

**STRONGROCK**  
ENGINEERING GROUP

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

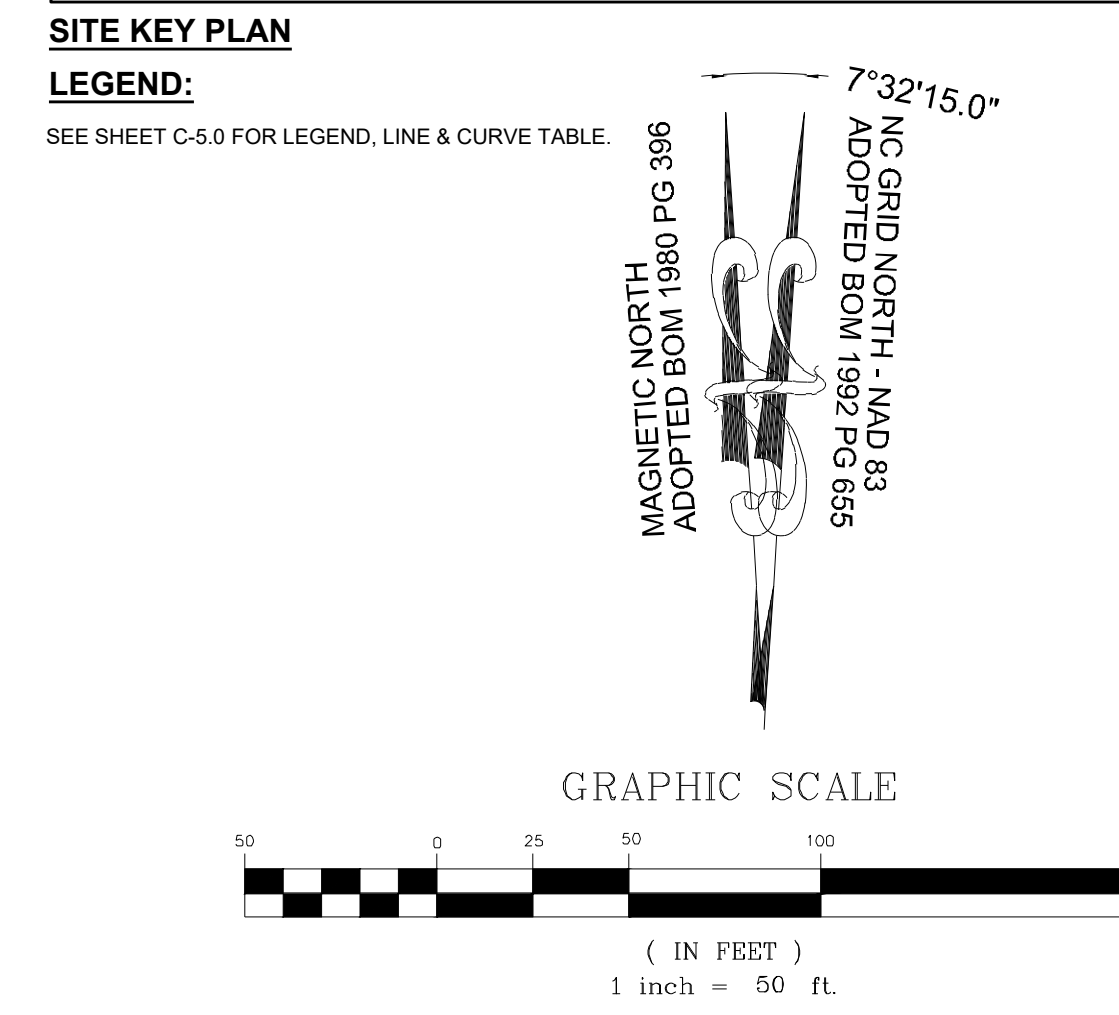
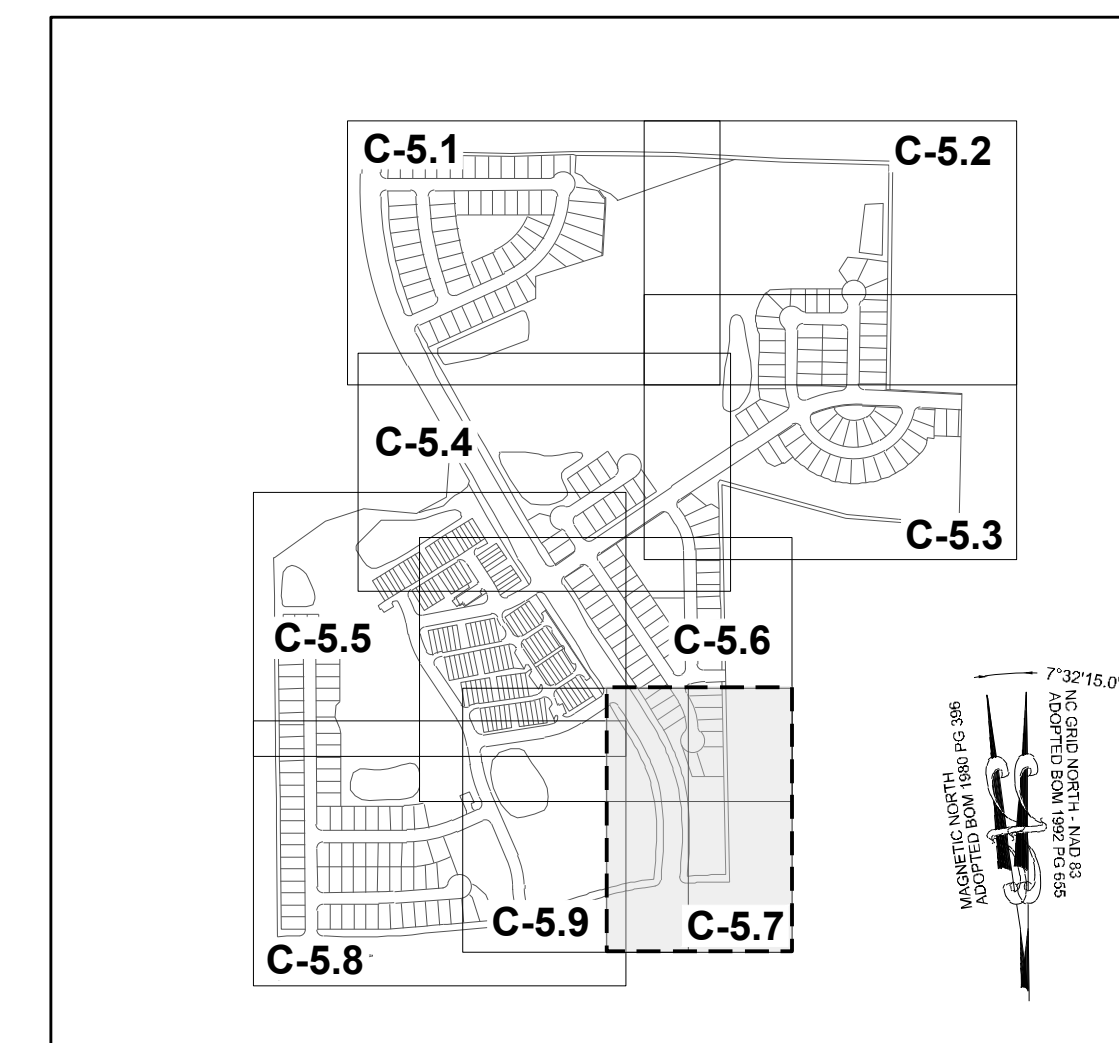
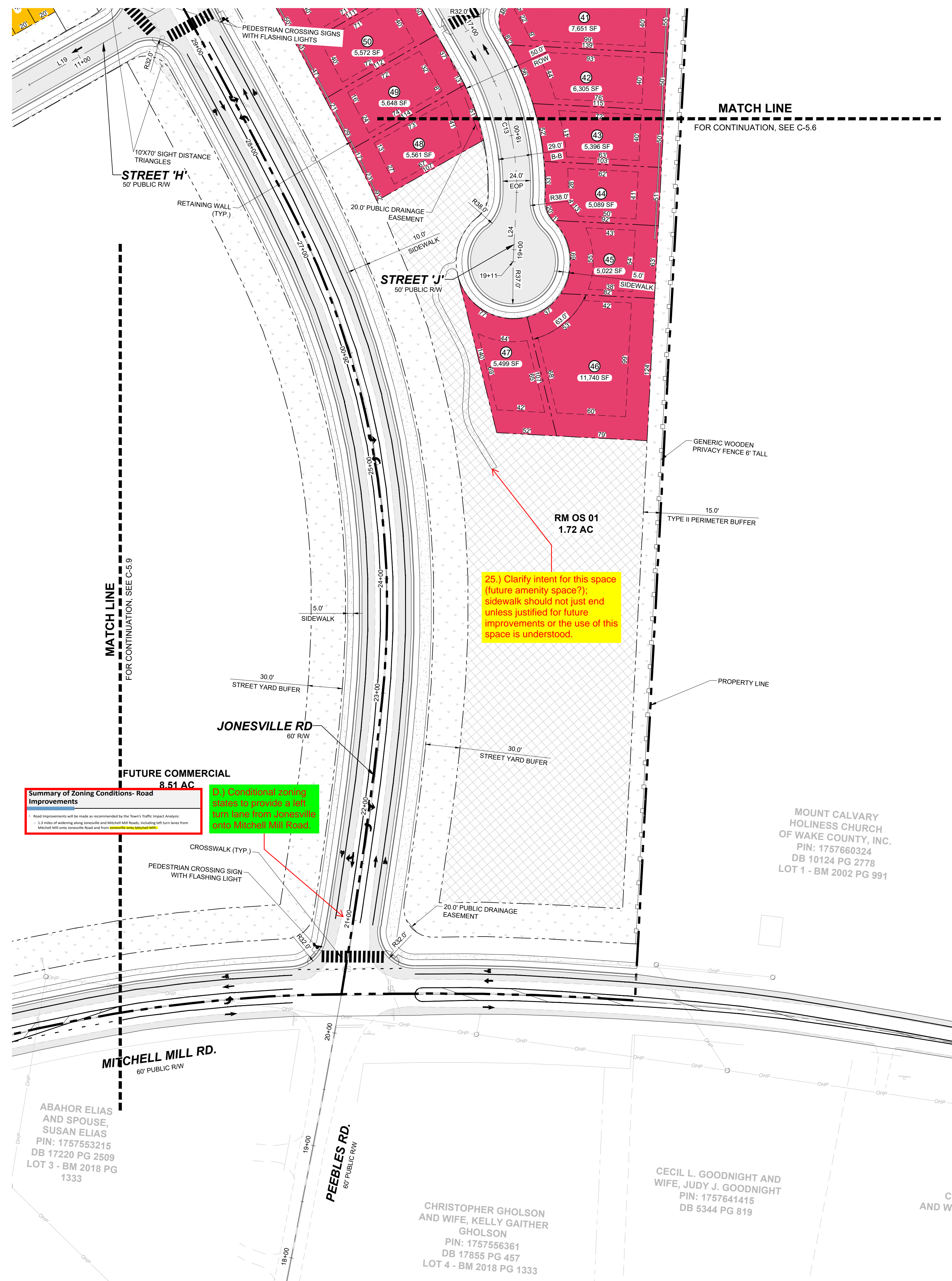
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	PSP-24-03	NOT FOR CONSTRUCTION	SCALE	AS SHOWN	DESIGNED BY	JWL	SRG	DRAWN BY	JWL	CHECKED BY	JWL
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DRAWING SHEET  
**C-5.6**

22 OF 76

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**Summary of Zoning Conditions- Road Improvements**

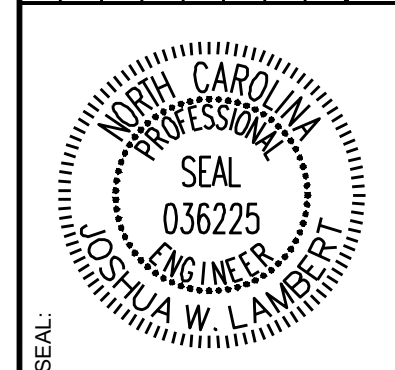
Road improvements will be made as recommended by the Town's Traffic Impact Analysis.

↳ A note of ordering along Jonesville and Mitchell Mill Roads, including left turn lanes from Mitchell Mill onto Jonesville Road and from Jonesville onto Mitchell Mill Road.

**C-1 Conditional zoning**  
 shall be introduced to allow for a future amenity space along Mitchell Mill Road.

25.) Clarify intent for this space (future amenity space?); sidewalk should not just end unless justified for future improvements or the use of this space is understood.

NO.	REVISIONS	DATE	BY
01			
02			
03			



**STRONGROCK**  
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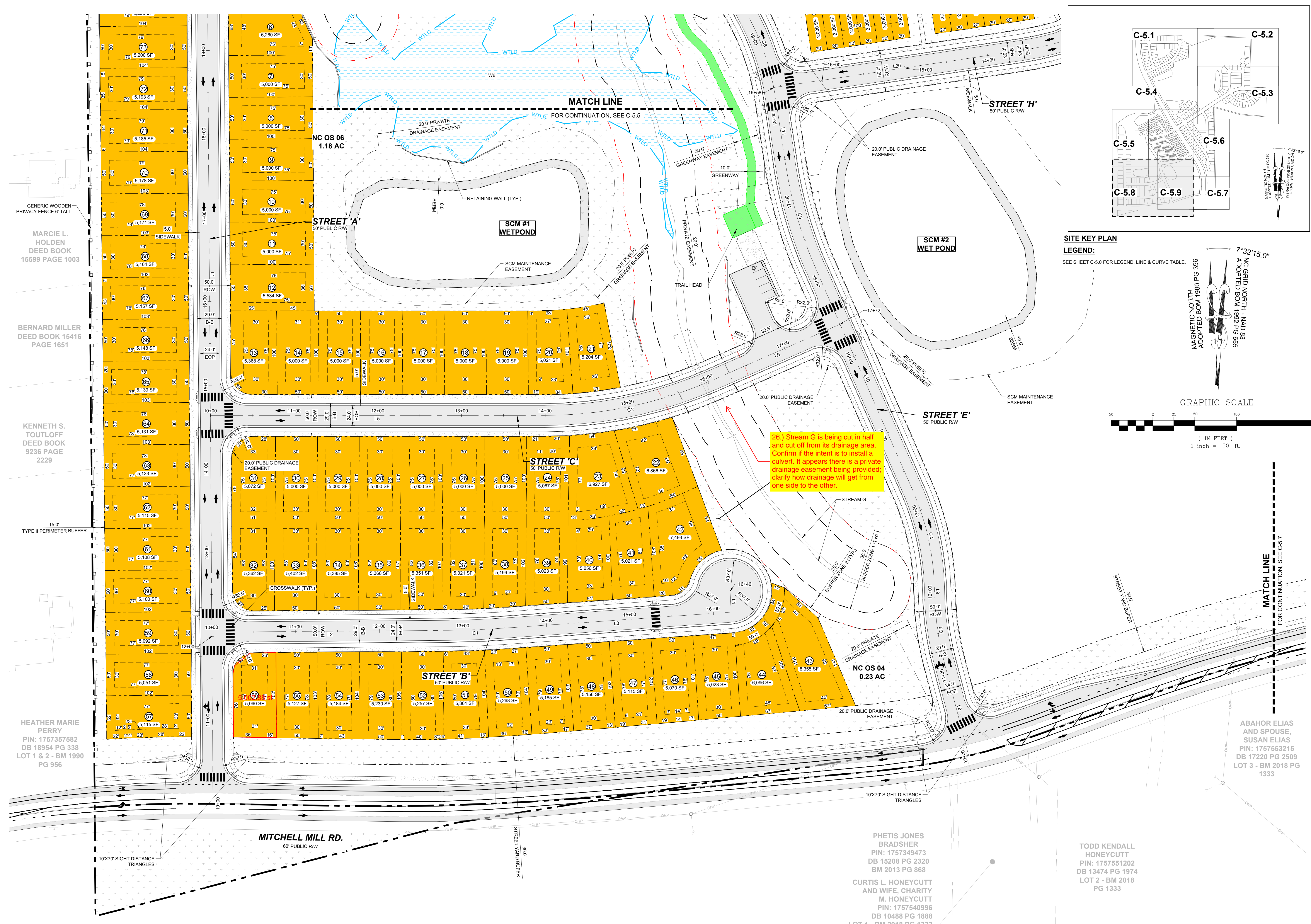
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STRONG ROCK PROJECT	JWL	JWL
PSP-25-03	SRG	JWL
NOT FOR CONSTRUCTION		
SCALE AS SHOWN		
DESIGNED BY		
DRAWN BY		
CHECKED BY		

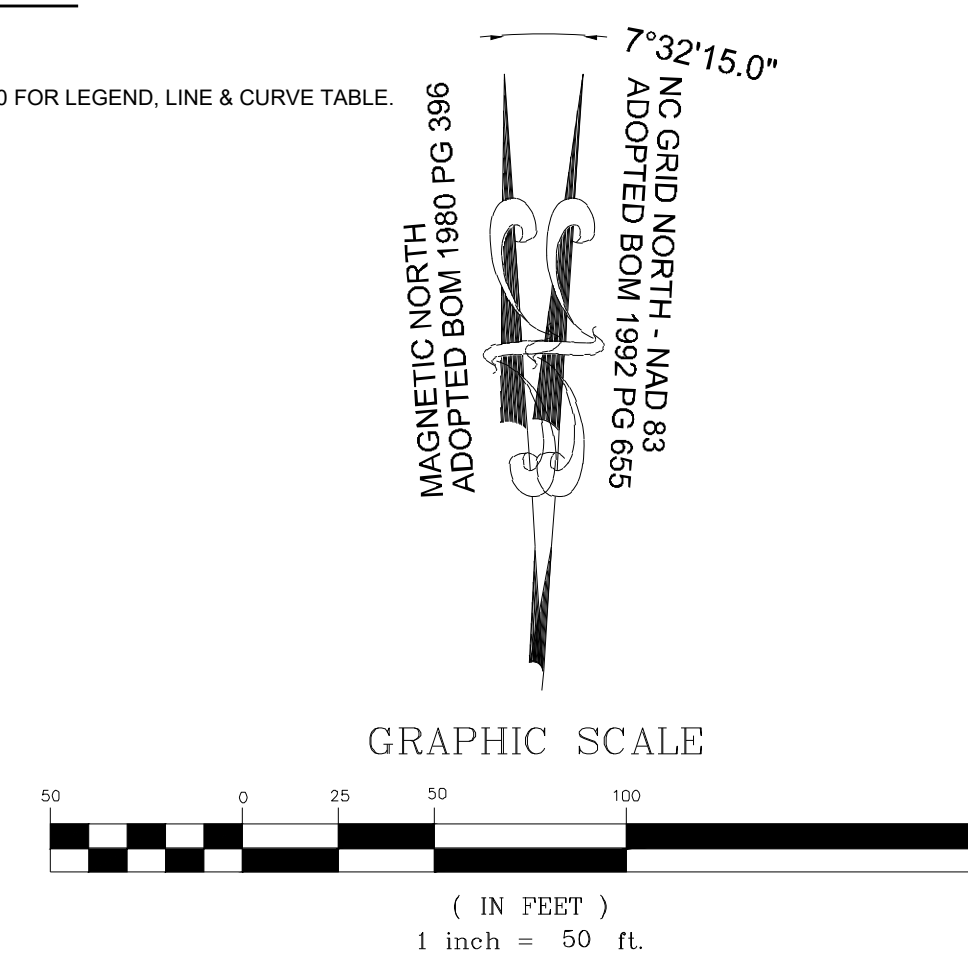
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 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL SITE PLAN VII

DRAWING SHEET  
**C-5.7**  
 23 OF 76

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



GENERIC WOODEN  
 PRIVACY FENCE 6' TALL

MARCIE L.  
 HOLDEN  
 DEED BOOK  
 15599 PAGE 1003

BERNARD MILLER  
 DEED BOOK 15416  
 PAGE 1651

KENNETH S.  
 TOUTLOFF  
 DEED BOOK  
 9236 PAGE  
 2229

HEATHER MARIE  
 PERRY  
 PIN: 1757357582  
 DB 18954 PG 338  
 LOT 1 & 2 - BM 1990  
 PG 956

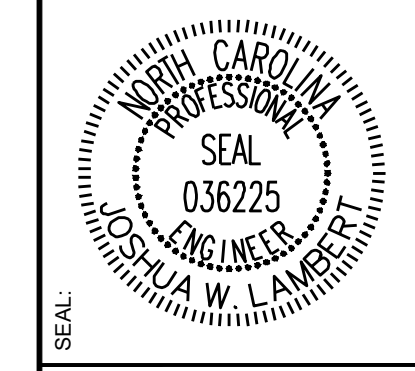
PHETIS JONES  
 BRADSHER  
 PIN: 1757349473  
 DB 15208 PG 2320  
 BM 2013 PG 868

CURTIS L. HONEYCUTT  
 AND WIFE, CHARITY  
 M. HONEYCUTT  
 PIN: 1757540996  
 DB 10488 PG 1888  
 LOT 1 - BM 2018 PG 1333

TODD KENDALL  
 HONEYCUTT  
 PIN: 1757551202  
 DB 13474 PG 1974  
 LOT 2 - BM 2018  
 PG 1333

ABAHOR ELIAS  
 AND SPOUSE,  
 SUSAN ELIAS  
 PIN: 1757553215  
 DB 17220 PG 2509  
 LOT 3 - BM 2018 PG  
 1333

NO.	REVISIONS	DATE	BY
01			
02			
03			



**STRONGROCK**  
 ENGINEERING GROUP

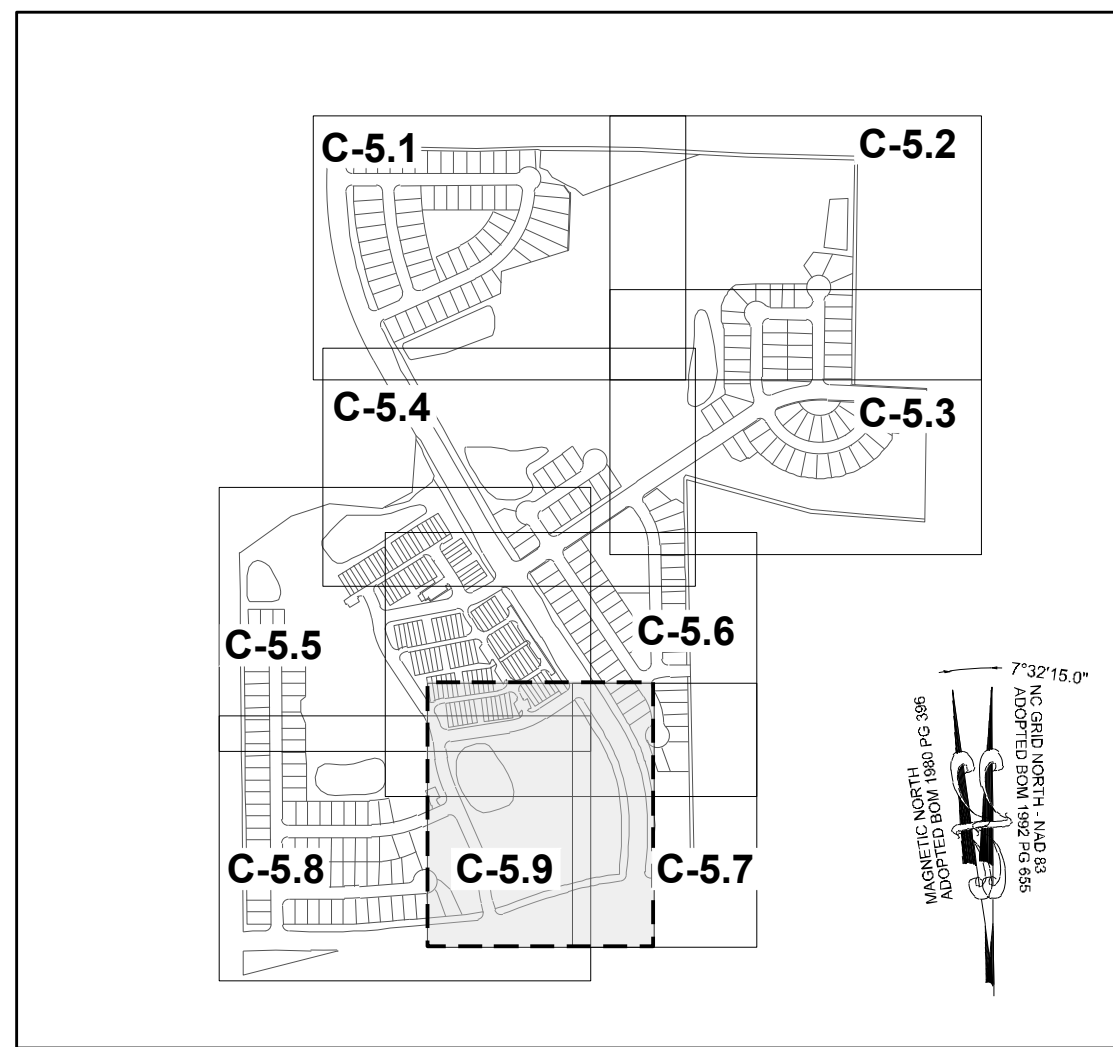
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

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

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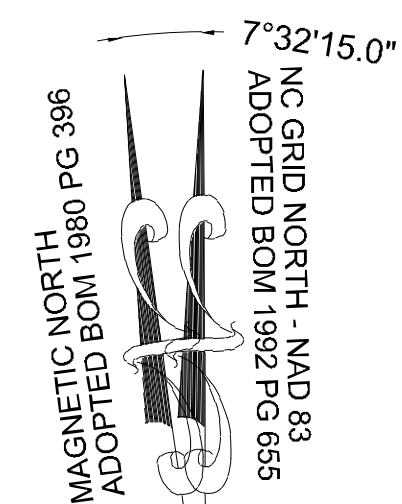
**SITE KEY PLAN**

**LEGEND:**

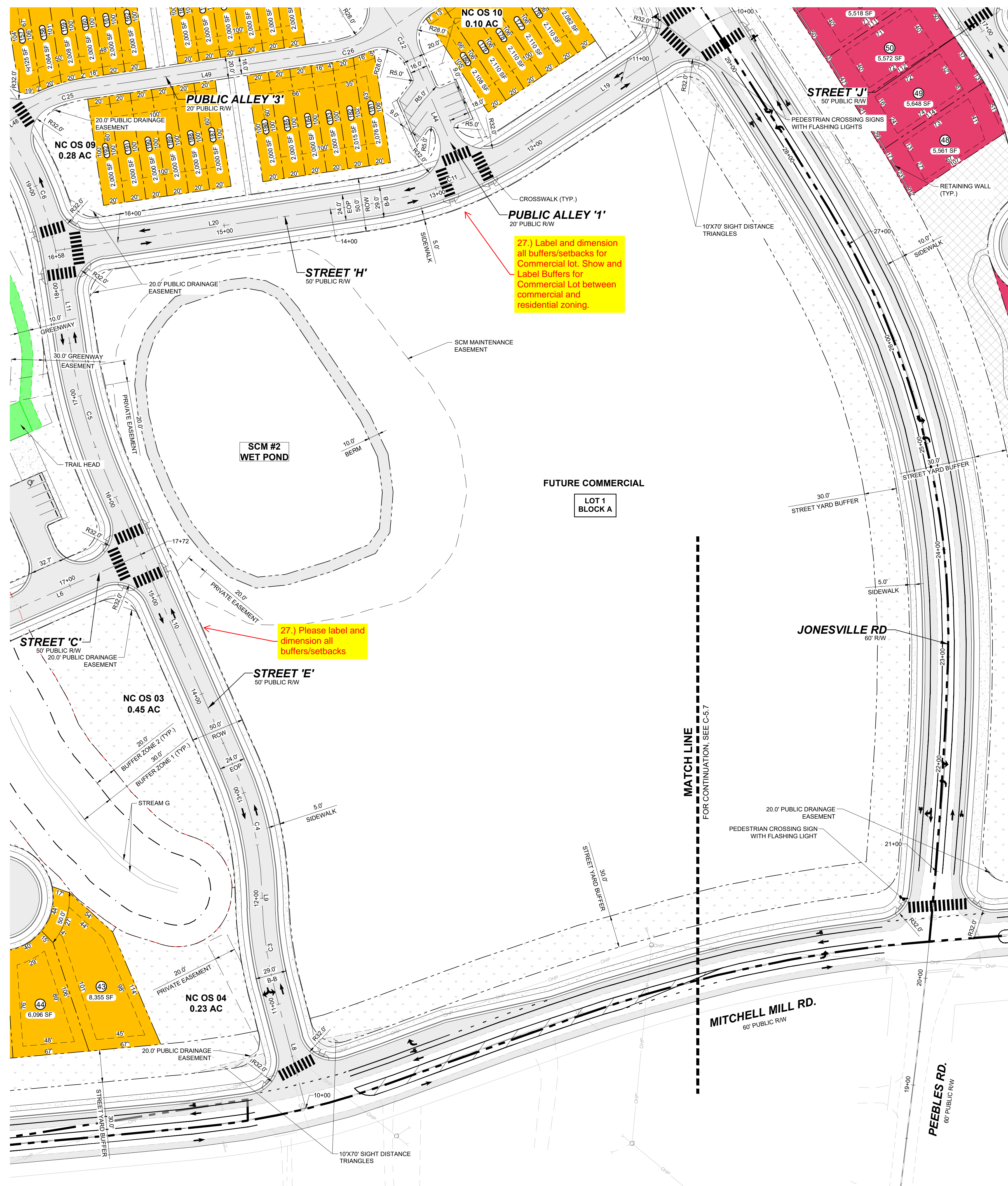
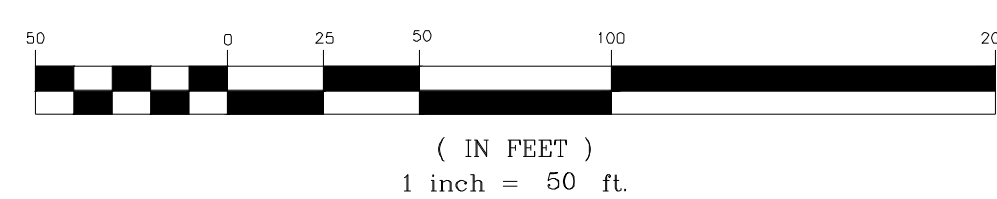
SEE SHEET C-5.0 FOR LEGEND, LINE & CURVE TABLE.

**TOWNHOME NOTES:**

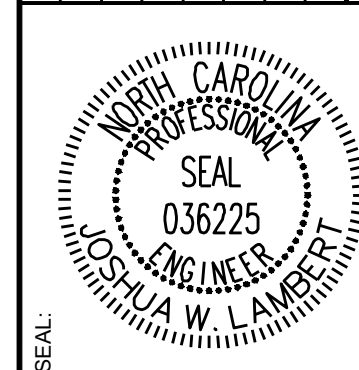
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



**GRAPHIC SCALE**



NO.	REVISIONS	DATE	BY
01			
02			
03			



**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	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**

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.

DSF LOT SIZE TABLE - NC ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
1	5,866	FRONT: 74' DEPTH: 100'
2	5,000	FRONT: 50' DEPTH: 100'
3	5,000	FRONT: 50' DEPTH: 100'
4	5,000	FRONT: 50' DEPTH: 100'
5	5,703	FRONT: 68' DEPTH: 100'
6	6,260	FRONT: 78' DEPTH: 100'
7	5,000	FRONT: 50' DEPTH: 100'
8	5,000	FRONT: 50' DEPTH: 100'
9	5,000	FRONT: 50' DEPTH: 100'
10	5,000	FRONT: 50' DEPTH: 100'
11	5,000	FRONT: 50' DEPTH: 100'
12	5,534	FRONT: 55' DEPTH: 100'
13	5,368	FRONT: 53' DEPTH: 100'
14	5,000	FRONT: 50' DEPTH: 100'
15	5,000	FRONT: 50' DEPTH: 100'
16	5,000	FRONT: 50' DEPTH: 100'
17	5,000	FRONT: 50' DEPTH: 100'
18	5,000	FRONT: 50' DEPTH: 100'
19	5,000	FRONT: 50' DEPTH: 100'
20	5,021	FRONT: 52' DEPTH: 101'
21	5,204	FRONT: 56' DEPTH: 102'
22	6,866	FRONT: 72' DEPTH: 98'
23	6,927	FRONT: 58' DEPTH: 101'
24	5,067	FRONT: 51' DEPTH: 101'
25	5,000	FRONT: 50' DEPTH: 100'
26	5,000	FRONT: 50' DEPTH: 100'
27	5,000	FRONT: 50' DEPTH: 100'
28	5,000	FRONT: 50' DEPTH: 100'
29	5,000	FRONT: 50' DEPTH: 100'
30	5,000	FRONT: 50' DEPTH: 100'
31	5,072	FRONT: 50' DEPTH: 100'
32	5,362	FRONT: 50' DEPTH: 108'
33	5,402	FRONT: 50' DEPTH: 108'
34	5,385	FRONT: 50' DEPTH: 108'
35	5,368	FRONT: 50' DEPTH: 107'
36	5,351	FRONT: 50' DEPTH: 107'
37	5,321	FRONT: 50' DEPTH: 106'
38	5,199	FRONT: 50' DEPTH: 106'
39	5,023	FRONT: 50' DEPTH: 102'
40	5,056	FRONT: 54' DEPTH: 100'
41	5,021	FRONT: 50' DEPTH: 108'

DSF LOT SIZE TABLE - NC ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
42	7,493	FRONT: 94' DEPTH: 108'
43	8,355	FRONT: 50' DEPTH: 121'
44	6,096	FRONT: 50' DEPTH: 100'
45	5,023	FRONT: 50' DEPTH: 101'
46	5,070	FRONT: 50' DEPTH: 102'
47	5,115	FRONT: 50' DEPTH: 103'
48	5,156	FRONT: 50' DEPTH: 103'
49	5,185	FRONT: 50' DEPTH: 104'
50	5,268	FRONT: 50' DEPTH: 104'
51	5,361	FRONT: 50' DEPTH: 105'
52	5,257	FRONT: 50' DEPTH: 105'
53	5,230	FRONT: 50' DEPTH: 105'
54	5,184	FRONT: 50' DEPTH: 104'
55	5,127	FRONT: 50' DEPTH: 103'
56	5,060	FRONT: 51' DEPTH: 102'
57	5,115	FRONT: 50' DEPTH: 102'
58	5,051	FRONT: 50' DEPTH: 102'
59	5,092	FRONT: 50' DEPTH: 102'
60	5,100	FRONT: 50' DEPTH: 102'
61	5,108	FRONT: 50' DEPTH: 102'
62	5,115	FRONT: 50' DEPTH: 102'
63	5,123	FRONT: 50' DEPTH: 103'
64	5,131	FRONT: 50' DEPTH: 103'
65	5,139	FRONT: 50' DEPTH: 103'
66	5,148	FRONT: 50' DEPTH: 103'
67	5,157	FRONT: 50' DEPTH: 103'
68	5,164	FRONT: 50' DEPTH: 103'
69	5,171	FRONT: 50' DEPTH: 103'
70	5,178	FRONT: 50' DEPTH: 104'
71	5,185	FRONT: 50' DEPTH: 104'
72	5,193	FRONT: 50' DEPTH: 104'
73	5,200	FRONT: 50' DEPTH: 104'
74	5,208	FRONT: 50' DEPTH: 104'
75	5,215	FRONT: 50' DEPTH: 104'
76	5,223	FRONT: 50' DEPTH: 105'
77	5,230	FRONT: 50' DEPTH: 105'
78	5,238	FRONT: 50' DEPTH: 105'
79	6,161	FRONT: 60' DEPTH: 105'
80	5,000	FRONT: 50' DEPTH: 100'
81	5,000	FRONT: 50' DEPTH: 100'
82	5,000	FRONT: 50' DEPTH: 100'

DSF LOT SIZE TABLE - RM ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
1	5,640	FRONT: 53' DEPTH: 103'
2	5,311	FRONT: 50' DEPTH: 139'
3	8,953	FRONT: 95' DEPTH: 100'
4	5,000	FRONT: 50' DEPTH: 100'
5	5,000	FRONT: 50' DEPTH: 100'
6	5,000	FRONT: 50' DEPTH: 100'
7	5,169	FRONT: 52' DEPTH: 103'
8	5,130	FRONT: 51' DEPTH: 113'
9	5,000	FRONT: 50' DEPTH: 100'
10	5,000	FRONT: 50' DEPTH: 100'
11	5,000	FRONT: 50' DEPTH: 100'
12	5,000	FRONT: 50' DEPTH: 100'
13	5,000	FRONT: 50' DEPTH: 100'
14	5,865	FRONT: 59' DEPTH: 109'
15	5,440	FRONT: 55' DEPTH: 100'
16	5,000	FRONT: 50' DEPTH: 100'
17	5,000	FRONT: 50' DEPTH: 100'
18	5,000	FRONT: 50' DEPTH: 100'
19	5,000	FRONT: 50' DEPTH: 100'
20	5,000	FRONT: 50' DEPTH: 100'
21	5,000	FRONT: 50' DEPTH: 100'
22	5,000	FRONT: 50' DEPTH: 100'
23	5,000	FRONT: 50' DEPTH: 100'
24	5,000	FRONT: 50' DEPTH: 100'
25	7,374	FRONT: 100' DEPTH: 100'
26	13,578	FRONT: 175' DEPTH: 132'
27	6,061	FRONT: 65' DEPTH: 101'
28	7,176	FRONT: 51' DEPTH: 126'
29	6,707	FRONT: 51' DEPTH: 126'
30	5,680	FRONT: 51' DEPTH: 107'
31	5,000	FRONT: 50' DEPTH: 100'
32	5,000	FRONT: 50' DEPTH: 100'
33	5,000	FRONT: 50' DEPTH: 100'
34	5,000	FRONT: 50' DEPTH: 100'
35	5,000	FRONT: 50' DEPTH: 100'
36	5,000	FRONT: 50' DEPTH: 100'
37	5,000	FRONT: 50' DEPTH: 100'
38	5,000	FRONT: 50' DEPTH: 100'
39	5,000	FRONT: 50' DEPTH: 100'
40	5,356	FRONT: 54' DEPTH: 100'

DSF LOT SIZE TABLE - RM ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
41	7,651	FRONT: 50' DEPTH: 139'
42	6,305	FRONT: 50' DEPTH: 139'
43	5,396	FRONT: 50' DEPTH: 115'
44	5,089	FRONT: 51' DEPTH: 103'
45	5,022	FRONT: 66' DEPTH: 92'
46	11,740	FRONT: 63' DEPTH: 107'
47	5,499	FRONT: 56' DEPTH: 140'
48	5,561	FRONT: 50' DEPTH: 114'
49	5,648	FRONT: 50' DEPTH: 114'
50	5,572	FRONT: 50' DEPTH: 112'
51	5,518	FRONT: 50' DEPTH: 111'
52	5,481	FRONT: 50' DEPTH: 110'
53	5,466	FRONT: 50' DEPTH: 109'
54	5,457	FRONT: 50' DEPTH: 109'
55	5,450	FRONT: 50' DEPTH: 109'
56	5,449	FRONT: 50' DEPTH: 109'
57	5,462	FRONT: 50' DEPTH: 109'
58	5,461	FRONT: 50' DEPTH: 109'
59	5,435	FRONT: 50' DEPTH: 109'
60	5,421	FRONT: 50' DEPTH: 108'
61	5,413	FRONT: 50' DEPTH: 108'
62	5,872	FRONT: 55' DEPTH: 108'
63	5,000	FRONT: 50' DEPTH: 100'
64	5,000	FRONT: 50' DEPTH: 100'
65	6,595	FRONT: 92' DEPTH: 124'
66	6,898	FRONT: 75' DEPTH: 124'
67	5,505	FRONT: 50' DEPTH: 110'
68	5,500	FRONT: 50' DEPTH: 110'
69	5,500	FRONT: 50' DEPTH: 110'
70	5,500	FRONT: 50' DEPTH: 110'
71	5,587	FRONT: 50' DEPTH: 115'
72	5,161	FRONT: 51' DEPTH: 115'
73	7,143	FRONT: 50' DEPTH: 100'
74	5,755	FRONT: 50' DEPTH: 100'
75	5,056	FRONT: 69' DEPTH: 100'
76	5,005	FRONT: 50' DEPTH: 100'
77	5,000	FRONT: 50' DEPTH: 100'
78	6,538	FRONT: 78' DEPTH: 100'
79	8,050	FRONT: 65' DEPTH: 101'
80	10,187	FRONT: 59' DEPTH: 103'

DSF LOT SIZE TABLE - RM ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
81	6,440	FRONT: 59' DEPTH: 103'
82	5,543	FRONT: 50' DEPTH: 114'
83	5,697	FRONT: 50' DEPTH: 114'
84	5,694	FRONT: 50' DEPTH: 114'
85	5,691	FRONT: 50' DEPTH: 114'
86	5,688	FRONT: 50' DEPTH: 114'
87	5,684	FRONT: 50' DEPTH: 114'
88	5,681	FRONT: 50' DEPTH: 114'
89	5,203	FRONT: 50' DEPTH: 114'
90	5,206	FRONT: 50' DEPTH: 104'
91	5,206	FRONT: 50' DEPTH: 104'
92	5,206	FRONT: 50' DEPTH: 104'
93	5,592	FRONT: 54' DEPTH: 101'
94	5,592	FRONT: 54' DEPTH: 104'
95	5,206	FRONT: 50' DEPTH: 104'
96	5,206	FRONT: 50' DEPTH: 104'
97	5,206	FRONT: 50' DEPTH: 104'
98	5,203	FRONT: 50' DEPTH: 104'
99	5,359	FRONT: 63' DEPTH: 110'
100	5,100	FRONT: 57' DEPTH: 110'
101	5,100	FRONT: 57' DEPTH: 110'
102	5,100	FRONT: 57' DEPTH: 110'
103	5,100	FRONT: 57' DEPTH: 110'
104	5,100	FRONT: 57' DEPTH: 110'
105	5,100	FRONT: 57' DEPTH: 110'
106	5,360	FRONT: 69' DEPTH: 110'
107	5,753	FRONT: 50' DEPTH: 115'
108	5,753	FRONT: 50' DEPTH: 115'
109	5,048	FRONT: 53' DEPTH: 95'
110	5,640	FRONT: 50' DEPTH: 95'
111	5,490	FRONT: 50' DEPTH: 100'
112	5,545	FRONT: 50' DEPTH: 100'
113	5,517	FRONT: 50' DEPTH: 100'
114	5,545	FRONT: 50' DEPTH: 100'
115	5,545	FRONT: 50' DEPTH: 100'
116	5,545	FRONT: 50' DEPTH: 100'
117	5,545	FRONT: 50' DEPTH: 100'
118	5,545	FRONT: 50' DEPTH: 100'
119	5,545	FRONT: 50' DEPTH: 100'
120	5,545	FRONT: 50' DEPTH: 100'

DSF LOT SIZE TABLE - RM ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
121	5,515	FRONT: 50' DEPTH: 100'
122	5,434	FRONT: 55' DEPTH: 100'
123	5,385	FRONT: 50' DEPTH: 110'
124	5,335	FRONT: 52' DEPTH: 110'
125	5,040	FRONT: 52' DEPTH: 100'
126	5,000	FRONT: 50' DEPTH: 100'
127	5,000	FRONT: 50' DEPTH: 100'
128	5,000	FRONT: 50' DEPTH: 100'
129	5,000	FRONT: 50' DEPTH: 100'
130	5,000	FRONT: 50' DEPTH: 100'
131	5,000	FRONT: 50' DEPTH: 100'
132	5,000	FRONT: 50' DEPTH: 100'
133	5,268	FRONT: 50' DEPTH: 101'
134	5,255	FRONT: 52' DEPTH: 101'
135	6,270	FRONT: 50' DEPTH: 141'
136	9,866	FRONT: 50' DEPTH: 192'
137	10,379	FRONT: 50' DEPTH: 192'
138	9,107	FRONT: 50' DEPTH: 168'
139	8,402	FRONT: 50' DEPTH: 154'
140	7,086	FRONT: 63' DEPTH: 147'
141	5,065	FRONT: 70' DEPTH: 90'
142	5,139	FRONT: 55' DEPTH: 94'
143	5,010	FRONT: 54' DEPTH: 94'
144	5,005	FRONT: 55' DEPTH: 92'
145	5,045	FRONT: 56' DEPTH: 91'
146	5,047	FRONT: 55' DEPTH: 92'
147	5,031	FRONT: 54' DEPTH: 93'
148	5,029	FRONT: 54' DEPTH: 95'
149	5,014	FRONT: 53' DEPTH: 96'
150	5,023	FRONT: 52' DEPTH: 97'
151	5,021	FRONT: 52' DEPTH: 98'
152	5,033	FRONT: 51' DEPTH: 99'
153	5,036	FRONT: 51' DEPTH: 100'
154	5,074	FRONT: 52' DEPTH: 101'
155	7,319	FRONT: 59' DEPTH: 120'
156	6,614	FRONT: 53' DEPTH: 121'
157	6,630	FRONT: 53' DEPTH: 121'
158	6,616	FRONT: 53' DEPTH: 121'
159	6,622	FRONT: 53' DEPTH: 121'
160	6,635	FRONT: 53' DEPTH: 121'

DSF LOT SIZE TABLE - RM ZONE		
LOT NUMBER	AREA (SF)	DIMENSION (LF)
161	6,645	FRONT: 53' DEPTH: 121'
162	6,387	FRONT: 51' DEPTH: 122'
163	7,431	FRONT: 58' DEPTH: 122'
164	6,251	FRONT: 61' DEPTH: 110'
165	5,476	FRONT: 51' DEPTH: 110'
166	5,910	FRONT: 55' DEPTH: 100'
167	5,908	FRONT: 55' DEPTH: 100'
168	5,908	FRONT: 55' DEPTH: 100'
169	5,908	FRONT: 55' DEPTH: 100'
170	5,909	FRONT: 55' DEPTH: 100'
171	6,253	FRONT: 60' DEPTH: 110'
172	5,454	FRONT: 50' DEPTH: 101'
173	5,000	FRONT: 50' DEPTH: 100'
174	5,000	FRONT: 50' DEPTH: 100'
175	5,000	FRONT: 50' DEPTH: 100'
176	5,000	FRONT: 50' DEPTH: 100'
177	5,000	FRONT: 50' DEPTH: 100'
178	5,000	FRONT: 50' DEPTH: 100'
179	6,422	FRONT: 69' DEPTH: 100'
180	5,000	FRONT: 50' DEPTH: 100'
181	5,000	FRONT: 55' DEPTH: 100'
182	5,000	FRONT: 55' DEPTH: 100'
183	5,000	FRONT: 55' DEPTH: 100'
184	5,000	FRONT: 54' DEPTH: 100'
185	5,000	FRONT: 50' DEPTH: 100'
186	5,000	FRONT: 50' DEPTH: 100'

ISREG	DATE	BY
08/01/2023		
12/05/2023		
03/01/2024		



**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

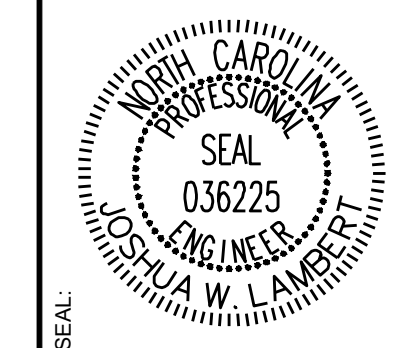
RESERVE @ MITCHELL MILL  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
**PRELIMINARY SUBDIVISION PLAT**  
**LOT SIZE TABLES**

STRONG ROCK PROJECT PSP-23-03  
 NOT FOR CONSTRUCTION  
 SCALE

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1948 "A" SLAB	PLAN 2097 "A" SLAB
1	SINGLE FAMILY 50' WIDE	X	X	X	X	X
2	SINGLE FAMILY 50' WIDE					
3	SINGLE FAMILY 50' WIDE					
4	SINGLE FAMILY 50' WIDE					
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					
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	X	X	X	X	X
23	SINGLE FAMILY 50' WIDE	X	X	X	X	X
24	SINGLE FAMILY 50' WIDE					
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 1948 "A" SLAB	PLAN 2097 "A" SLAB
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					
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					
51	SINGLE FAMILY 50' WIDE					
52	SINGLE FAMILY 50' WIDE					
43	SINGLE FAMILY 50' WIDE					
54	SINGLE FAMILY 50' WIDE					
55	SINGLE FAMILY 50' WIDE					
56	SINGLE FAMILY 50' WIDE					
57	SINGLE FAMILY 50' WIDE					
58	SINGLE FAMILY 50' WIDE					
59	SINGLE FAMILY 50' WIDE					
60	SINGLE FAMILY 50' WIDE					
61	SINGLE FAMILY 50' WIDE					
62	SINGLE FAMILY 50' WIDE					
63	SINGLE FAMILY 50' WIDE					
64	SINGLE FAMILY 50' WIDE					
65	SINGLE FAMILY 50' WIDE					
66	SINGLE FAMILY 50' WIDE					
67	SINGLE FAMILY 50' WIDE					
68	SINGLE FAMILY 50' WIDE					
69	SINGLE FAMILY 50' WIDE					
70	SINGLE FAMILY 50' WIDE					
71	SINGLE FAMILY 50' WIDE					
72	SINGLE FAMILY 50' WIDE					
73	SINGLE FAMILY 50' WIDE					
74	SINGLE FAMILY 50' WIDE					
75	SINGLE FAMILY 50' WIDE					
76	SINGLE FAMILY 50' WIDE					
77	SINGLE FAMILY 50' WIDE					
78	SINGLE FAMILY 50' WIDE					
79	SINGLE FAMILY 50' WIDE	X	X	X	X	X
80	SINGLE FAMILY 50' WIDE					
81	SINGLE FAMILY 50' WIDE					
82	SINGLE FAMILY 50' WIDE					

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



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

DRAWING SHEET  
**C-5.11**

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.

NUMBER LOTS	LOT TYPE	PLAN 2268 "A" SLAB	PLAN 2396 "A" SLAB	PLAN 2525 "B" SLAB	PLAN 1948 "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					
8	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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					
26	SINGLE FAMILY 50' WIDE	X	X	X	X	X
27	SINGLE FAMILY 50' WIDE	X				
28	SINGLE FAMILY 50' WIDE	X	X	X	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					
46	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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 1948 "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					
73	SINGLE FAMILY 50' WIDE	X	X	X	X	X
74	SINGLE FAMILY 50' WIDE					
75	SINGLE FAMILY 50' WIDE					
76	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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	X	X	X	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					
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	X	X	X	X	X
108	SINGLE FAMILY 50' WIDE	X	X	X	X	X
109	SINGLE FAMILY 50' WIDE					
110	SINGLE FAMILY 50' WIDE					
111	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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					
124	SINGLE FAMILY 50' WIDE					
125	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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 1948 "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					
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					
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
169	SINGLE FAMILY 50' WIDE	X	X	X	X	X
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

08/01/2023	PRELIMINARY SUBDIVISION PLAT P-2166	JREG
12/05/2023	TOWN OF ROLESVILLE COMMENTS P-2166	JREG
03/01/2024	TOWN OF ROLESVILLE COMMENTS P-2166	JREG

**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-2166	NOT FOR CONSTRUCTION	SCALE AS SHOWN	JWL	SRG	JWL
DESIGNED BY	DRAWN BY	CHECKED BY			

DRAWING SHEET  
**C-5.12**

**28 OF 76**

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

NO.	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT P-29-03	JWL
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS P-29-03	JWL
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS P-29-03	JWL



**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

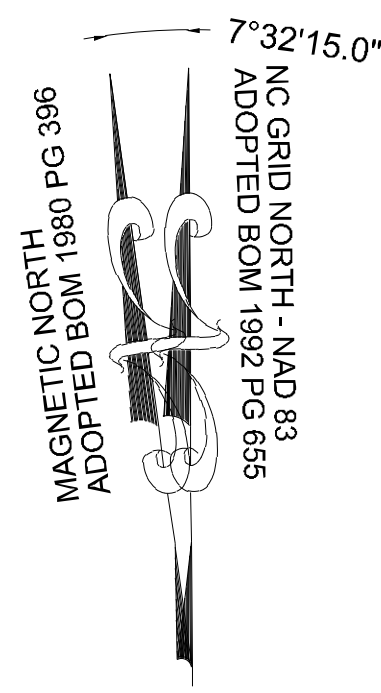
STRONG ROCK PROJECT P-29-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	DRAWN BY JWL	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
OVERALL UTILITY PLAN

DRAWING SHEET  
**C-6.0**

**UTILITY NOTES**

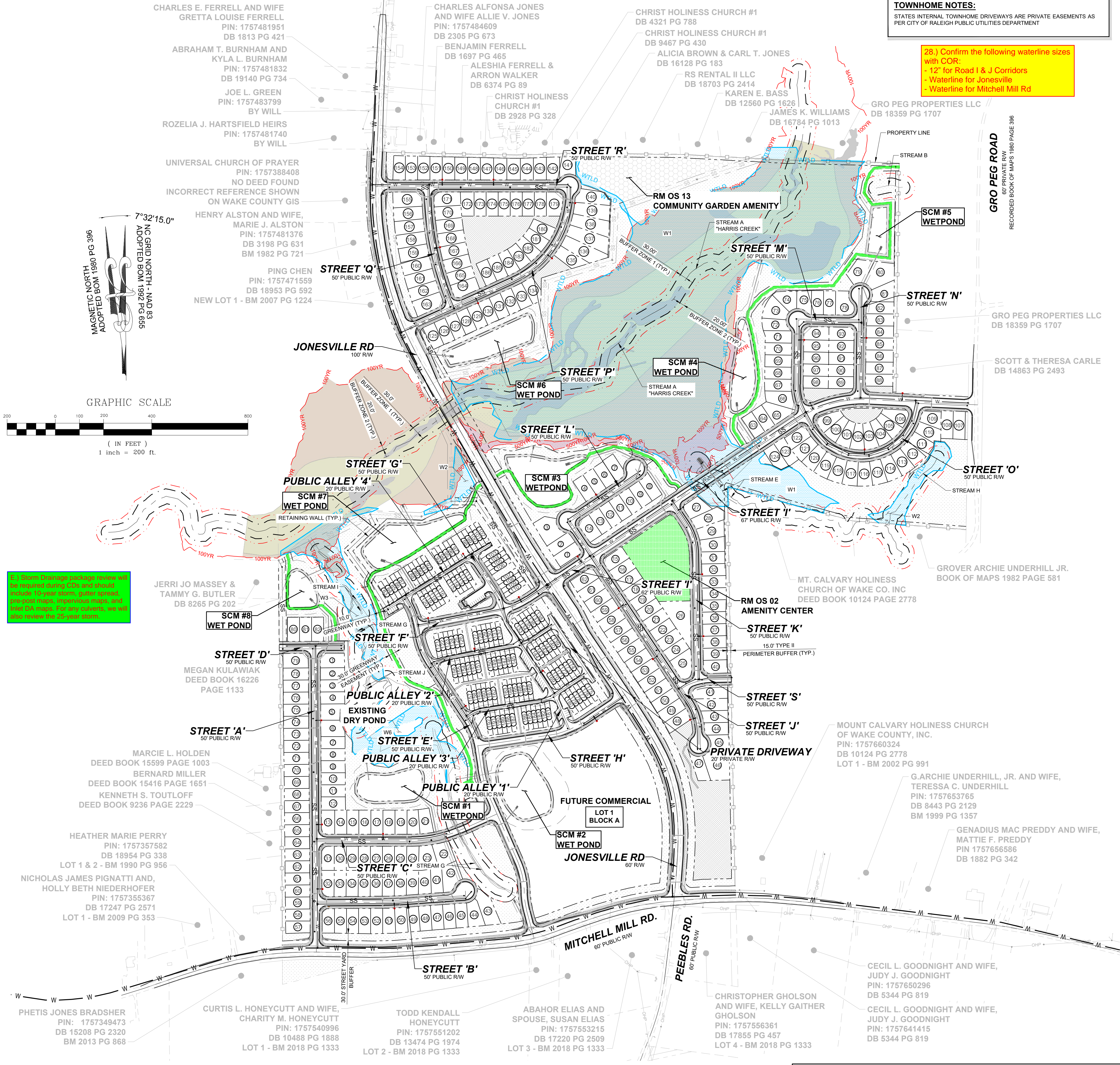
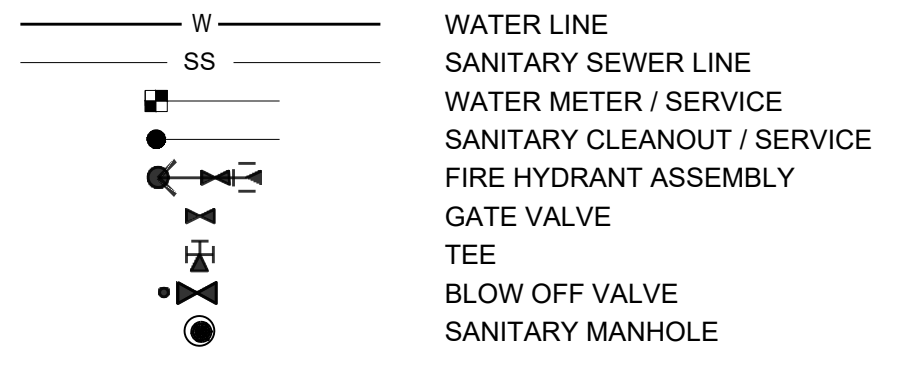
- ALL UTILITY DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL CITY OF RALEIGH DEPARTMENT OF PUBLIC UTILITIES (CORPUD) STANDARDS AND SPECIFICATIONS. UTILITY DESIGN SHALL ALSO MEET FIRE FLOW REQUIREMENTS OF NCFD.
- UTILITY SIZES AND LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND ARE SUBJECT TO CHANGE BASED ON FINAL DESIGN AND CONSTRUCTION DRAWING APPROVAL. THIS SHALL INCLUDE BUT NOT LIMITED TO FIRE HYDRANT LOCATIONS.
- 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.
- AS PART OF CONSTRUCTION DRAWING SUBMITTAL, FIRE FLOW CALCULATIONS SHALL BE PROVIDED SHOWING COMPLIANCE WITH NCFD. 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.
- AN APPROVED WATER SUPPLY FOR FIRE SUPPRESSION (TEMPORARY OR PERMANENT) SHALL BE PROVIDED AS SOON AS COMBUSTIBLE MATERIALS ARRIVE ON SITE.
- UTILITY CONSTRUCTION APPROVAL IS REQUIRED FOR THIS PROJECT. PLANS TO BE PREPARED BY NC PROFESSIONAL ENGINEER.
- RIGHT OF WAY AND/OR EASEMENT DEDICATION PLAT IS REQUIRED FOR THIS PROJECT (PRIOR TO CITY ACCEPTANCE OF UTILITIES).
- ALL NECESSARY WETLAND, RIPARIAN BUFFER AND FLOODPLAIN PERMITS FROM USACE, NCDWQ & FEMA SHALL BE OBTAINED PRIOR TO CONSTRUCTION.
- PROJECT SHALL EXTEND PUBLIC WATER MAINS ALONG ALL INTERIOR AND ABUTTING RIGHT OF WAYS OF DEVELOPMENT.
- FIRE HYDRANT ASSEMBLIES SHALL BE INSTALLED AT EVERY INTERSECTION AND AT 500' (RESIDENTIAL) MAX INTERVALS ALONG SITE FRONTAGE.
- 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.
- ALL WATER MAINS SHALL BE PRESSURE CLASS OR THICKNESS CLASS DUCTILE IRON PIPE DESIGNED IN ACCORDANCE WITH AWWA STANDARD C-150.
- PROJECT SHALL EXTEND PUBLIC GRAVITY SEWER TO PERIPHERY OF DEVELOPMENT BASED ON NATURAL TOPOGRAPHY.
- ALL CITY OF RALEIGH SANITARY SEWER EASEMENTS SHALL BE A MINIMUM OF 30 FEET.
- 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.
- 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".
- MAINTAIN APPROPRIATE COVER AND SEPARATION ON UTILITIES AND LABEL IN PROFILES; ANY UTILITY CROSSINGS ARE SUBJECT TO MINIMUM REQUIREMENTS.
- CONSTRUCTION APPROVAL WILL BE REQUIRED FOR ANY EXTENSIONS OF PUBLIC WATER OR SEWER MAINS.
- PLAT RECORDATION REQUIRED AFTER CONSTRUCTION APPROVAL PRIOR TO BUILDING PERMIT.
- DOT ENCROACHMENT AGREEMENT REQUIRED.
- 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):**
- ALL MATERIALS & CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH CITY OF RALEIGH DESIGN STANDARDS, DETAILS & SPECIFICATIONS (REFERENCE: CORPUD HANDBOOK, CURRENT EDITION).
  - UTILITY SEPARATION REQUIREMENTS:
    - a) A DISTANCE OF 100" SHALL BE MAINTAINED BETWEEN SANITARY SEWER & ANY PRIVATE OR PUBLIC WATER SUPPLY SOURCE SUCH AS AN IMPROVED 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. MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS. MAINTAIN 24" MIN. VERTICAL SEPARATION AT ALL SANITARY SEWER & RCP STORM DRAIN CROSSINGS.
    - f) ALL OTHER UNDERGROUND UTILITIES SHALL CROSS WATER & SEWER FACILITIES WITH 18" MIN. VERTICAL SEPARATION REQUIRED.
  - 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
  - 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.
  - 3.0' MINIMUM COVER IS REQUIRED ON ALL WATER MAINS & SEWER FORCEMAINS. 4.0' MINIMUM COVER IS REQUIRED ON ALL REUSE MAINS.
  - 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.
  - 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.
  - INSTALL 4" PVC SEWER SERVICES @ 1.0% MINIMUM GRADE WITH CLEANOUTS LOCATED AT ROW OR EASEMENT LINE & SPACED EVERY 75 LINEAR FEET MAXIMUM.
  - 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.
  - 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.
  - NCDOT / RAILROAD ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK (INCLUDING MAIN EXTENSIONS & SERVICE TAPS) WITHIN STATE OR RAILROAD ROW PRIOR TO CONSTRUCTION.
  - 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.
  - 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:**

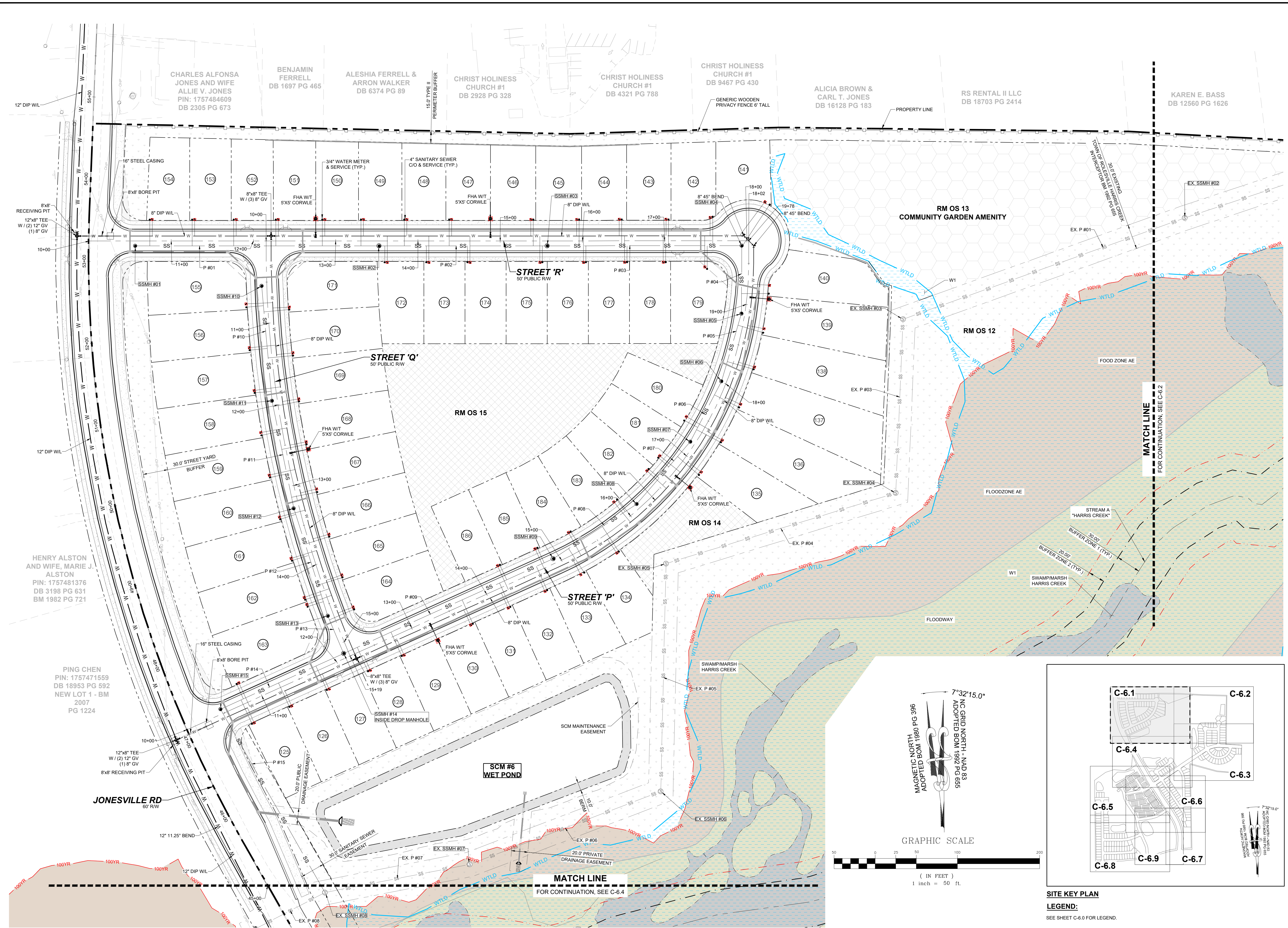


**TOWNHOME NOTES:**  
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

28.) Confirm the following waterline sizes with COR:  
- 12" for Road I & J Corridors  
- Waterline for Jonesville  
- Waterline for Mitchell Mill Rd

5.0' MINIMUM HORIZONTAL SEPARATION IS REQUIRED BETWEEN ALL SANITARY SEWER & STORM SEWER FACILITIES, UNLESS PVC MATERIAL IS SPECIFIED FOR SANITARY SEWER.

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CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES  
PIN: 1757484609  
DB 2305 PG 673

BENJAMIN FERRELL  
DB 1697 PG 465

ALESHIA FERRELL & ARRON WALKER  
DB 6374 PG 89

CHRIST HOLINESS CHURCH #1  
DB 2928 PG 328

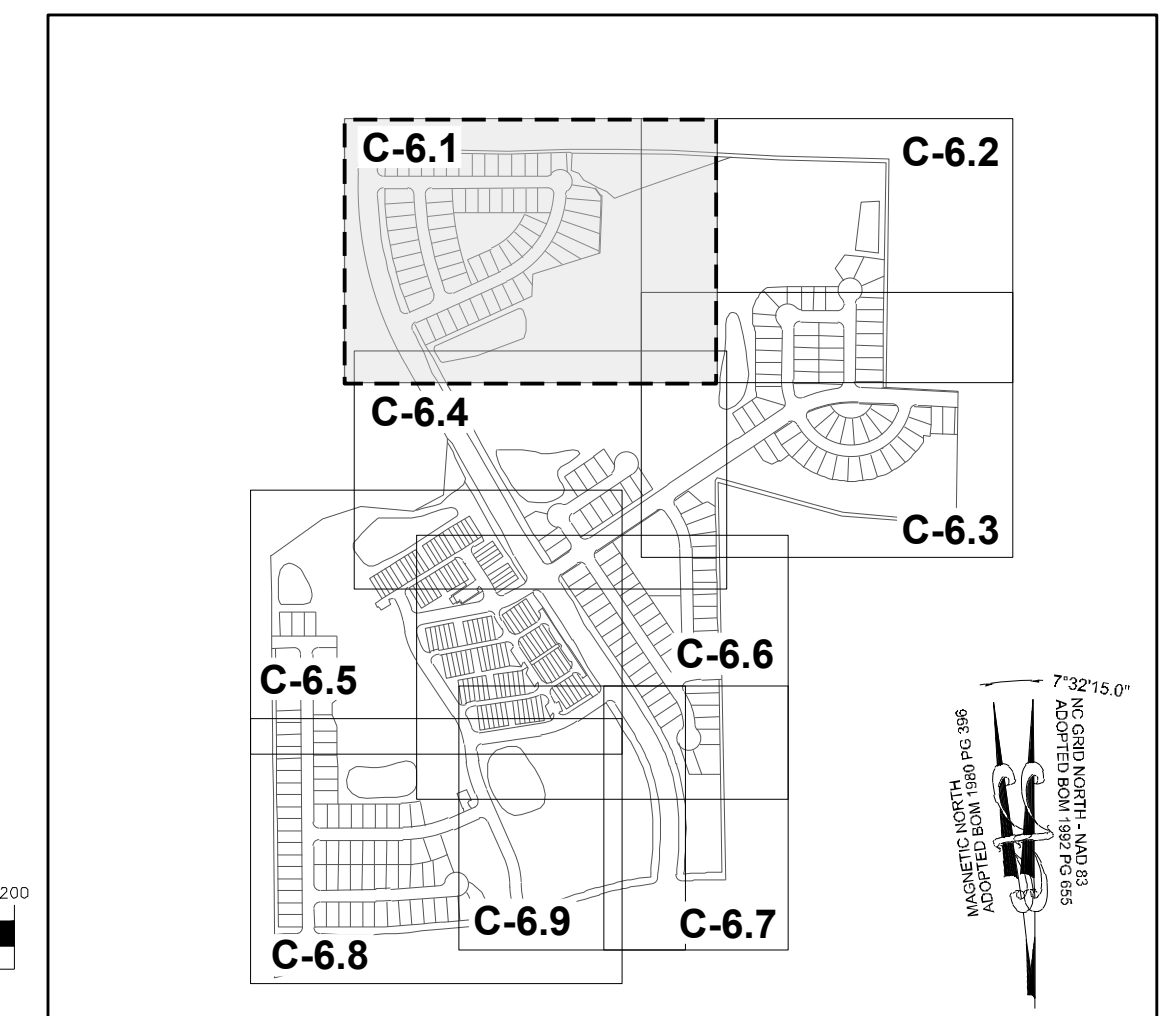
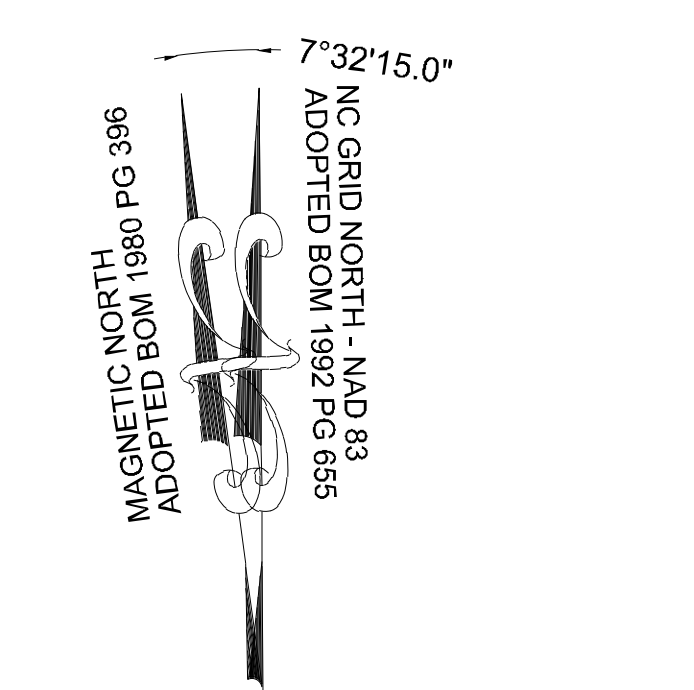
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DB 4321 PG 788

CHRIST HOLINESS CHURCH #1  
DB 9467 PG 430

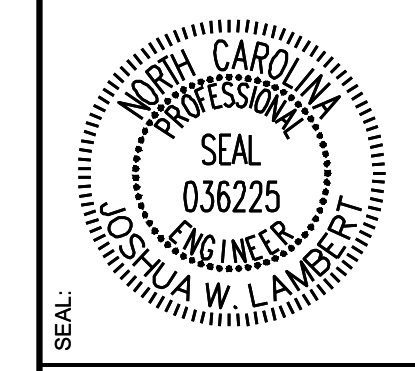
ALICIA BROWN & CARL T. JONES  
DB 16128 PG 183

HENRY ALSTON AND WIFE, MARIE J. ALSTON  
PIN: 1757481376  
DB 3198 PG 631  
BM 1982 PG 721

PING CHEN  
PIN: 1757471559  
DB 18953 PG 592  
NEW LOT 1 - BM  
2007  
PG 1224



NO.	REVISIONS	DATE	BY
01			
02			
03			



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ENGINEERING GROUP

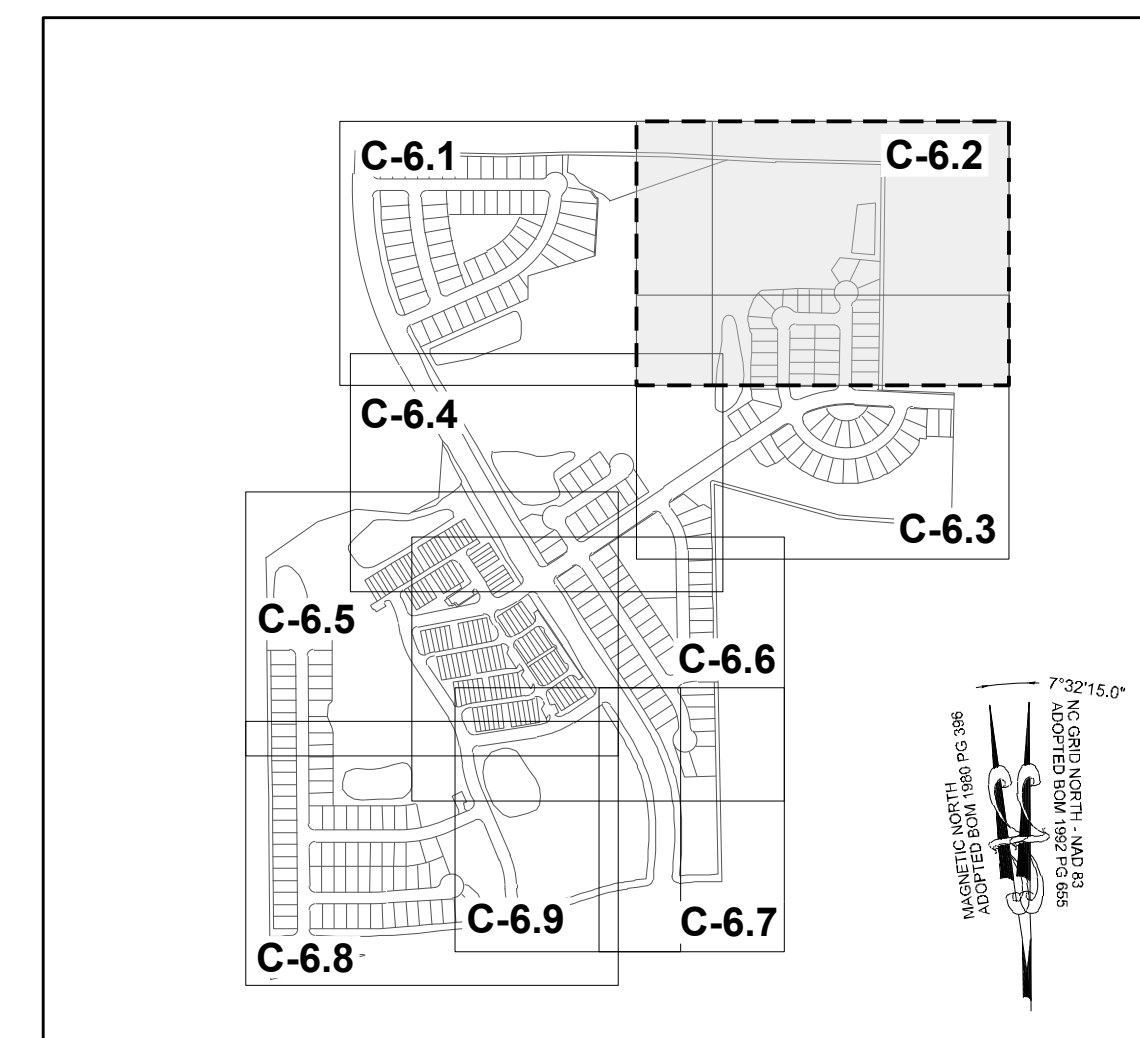
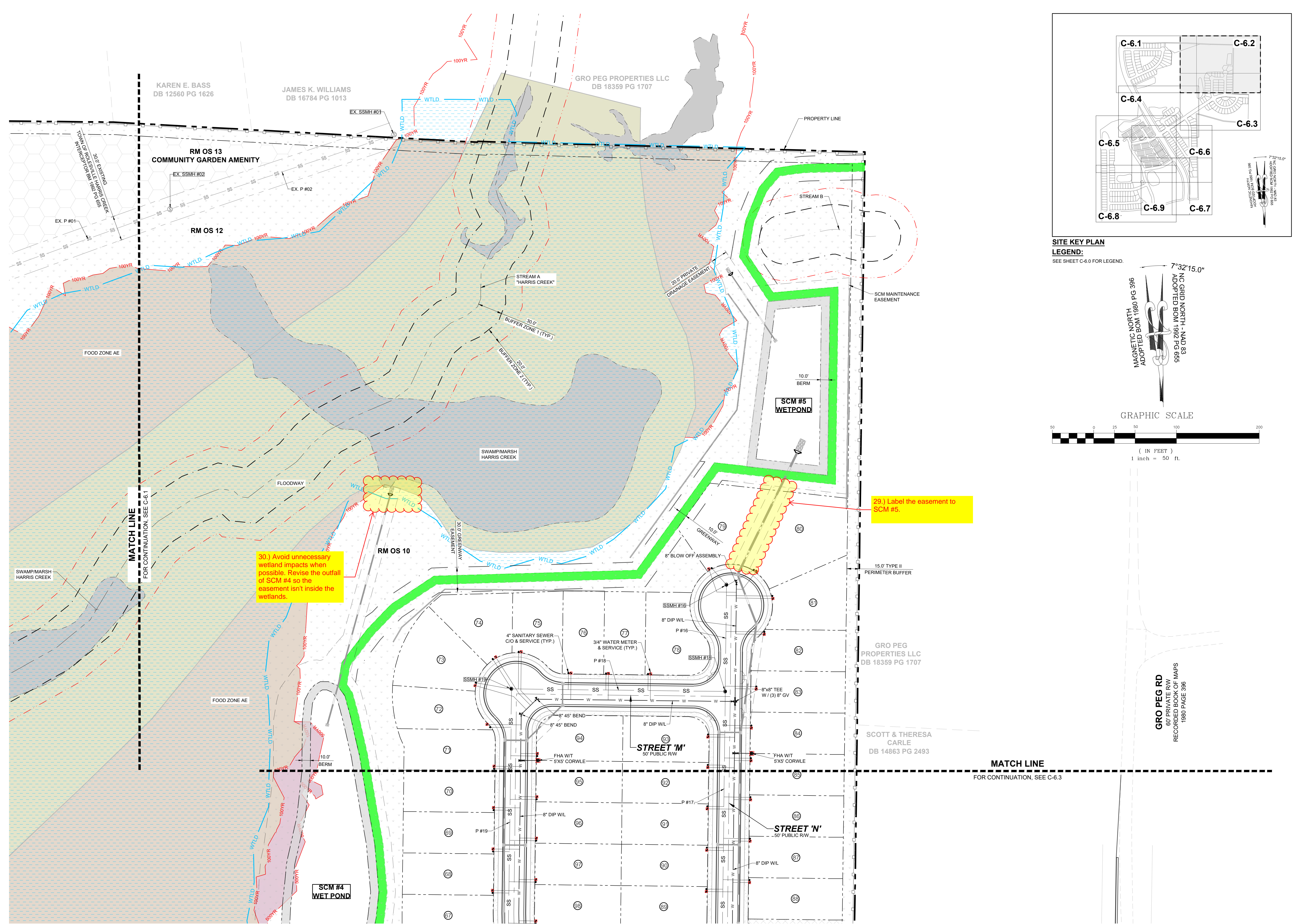
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

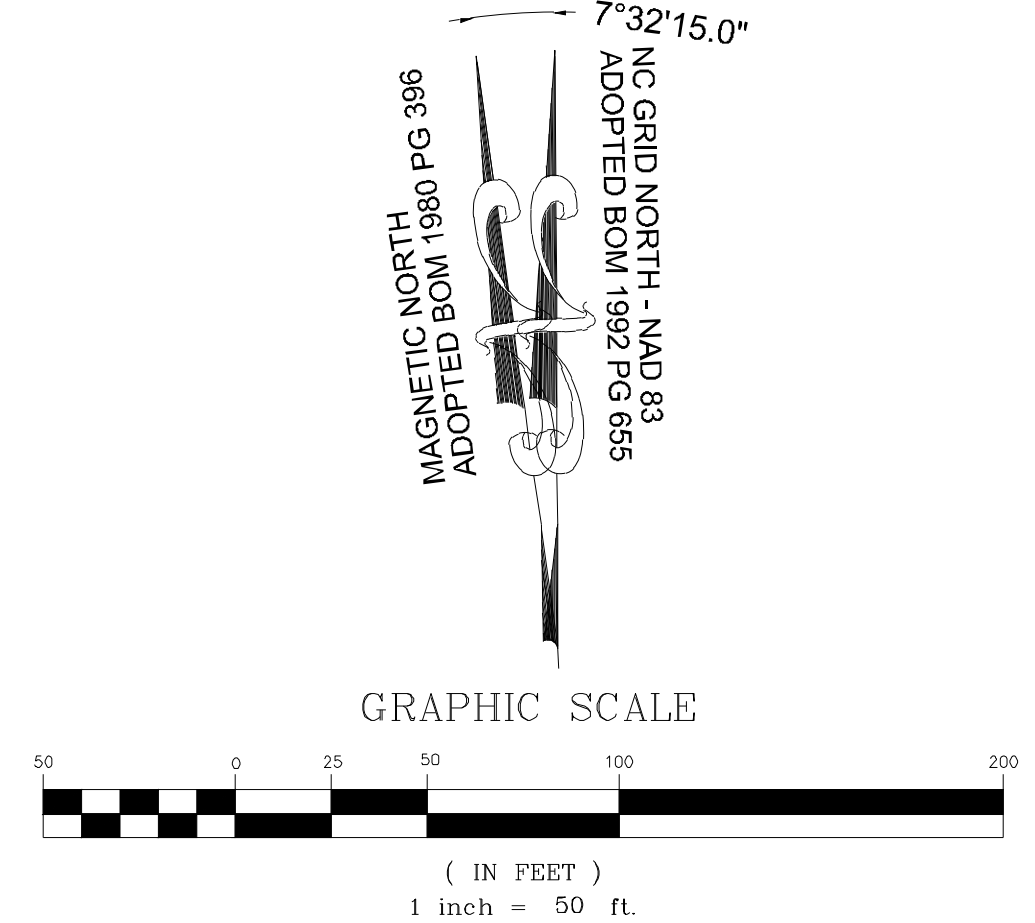
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL UTILITY PLAN I

DRAWING SHEET  
**C-6.1**

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**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-6.0 FOR LEGEND.



30.) Avoid unnecessary wetland impacts when possible. Revise the outfall of SCM #4 so the easement isn't inside the wetlands.

29.) Label the easement to SCM #5.

**MATCH LINE**  
 FOR CONTINUATION, SEE C-6.1

**MATCH LINE**  
 FOR CONTINUATION, SEE C-6.3

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	JW
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	JW
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	JW

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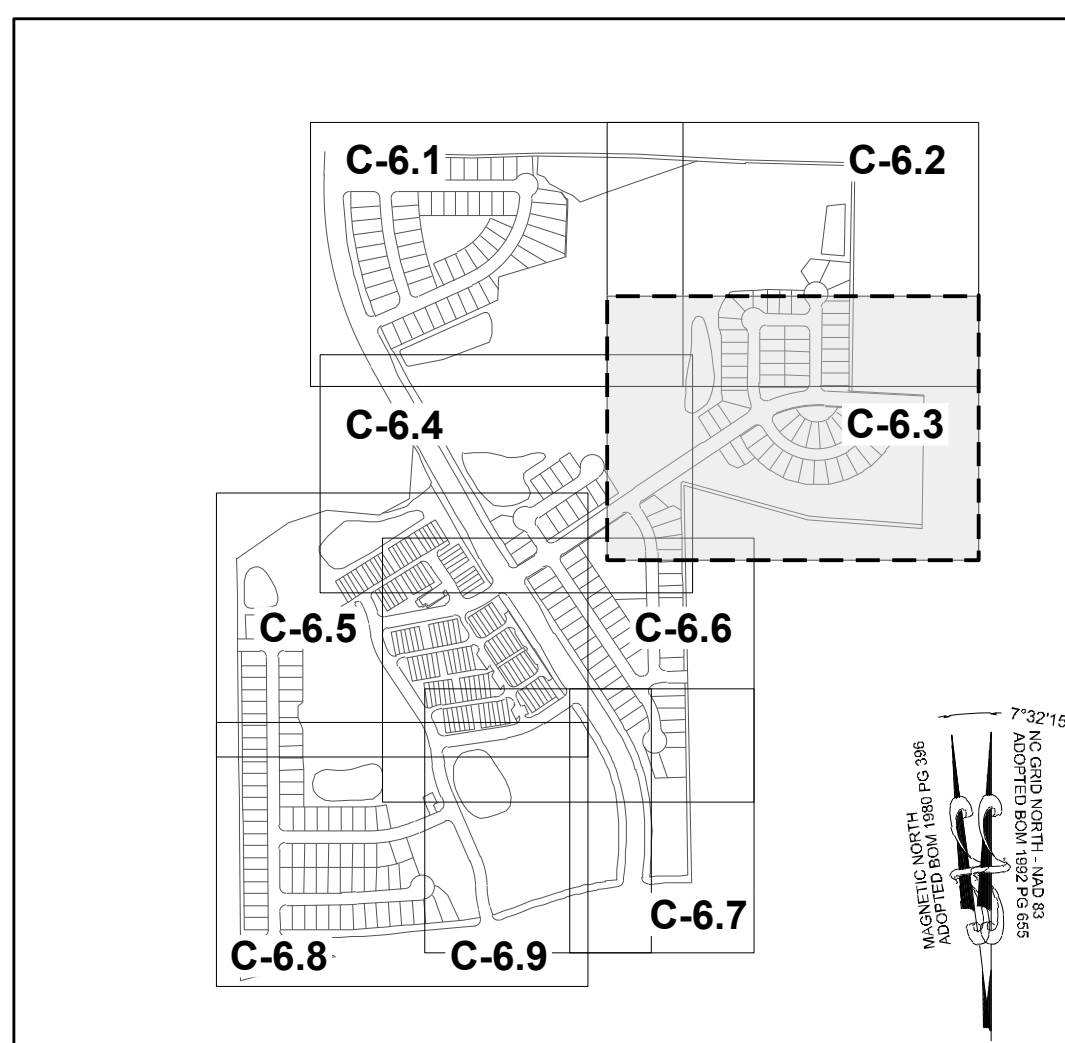
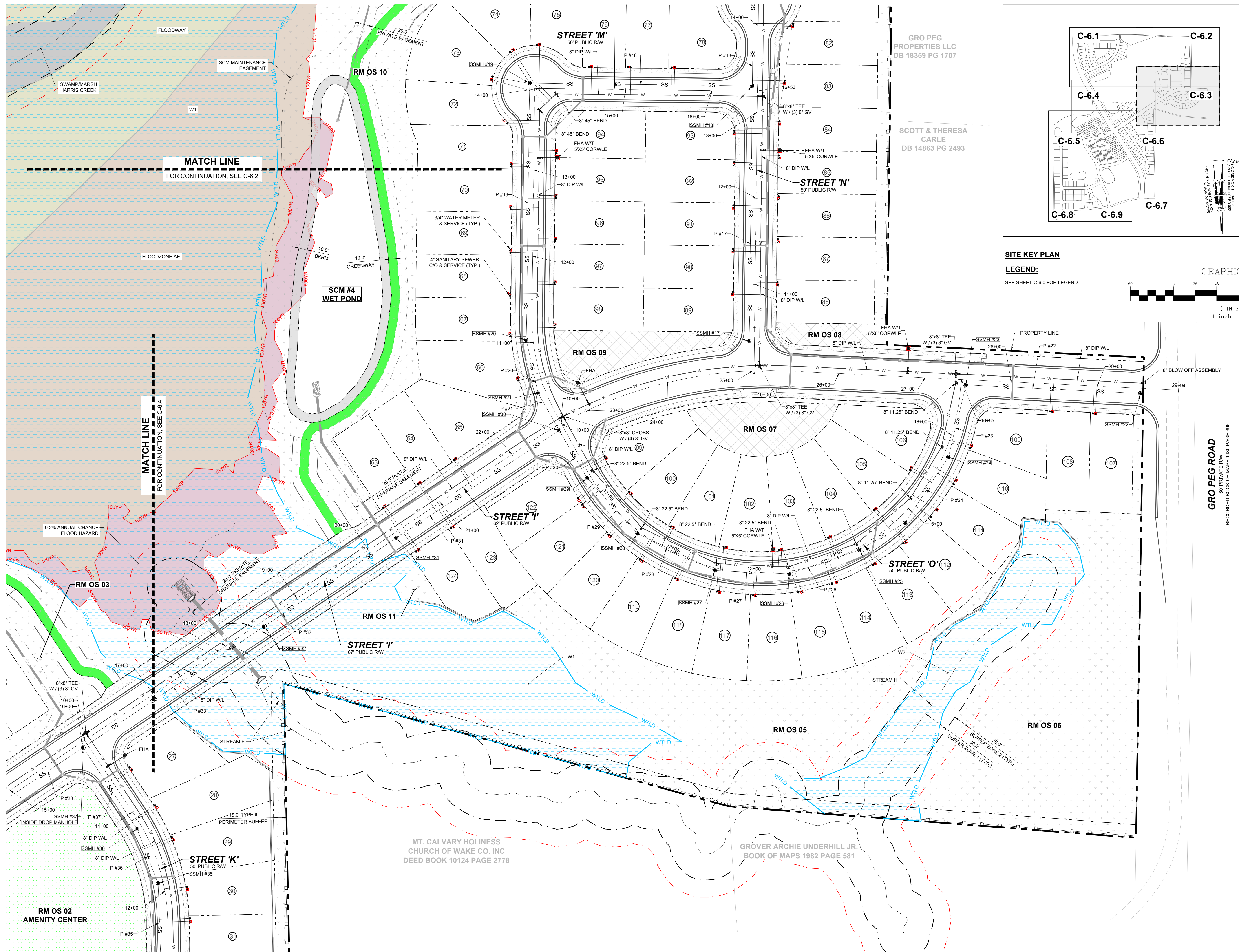
STRONG ROCK PROJECT P-24-03  
 NOT FOR CONSTRUCTION  
 SCALE AS SHOWN  
 DESIGNED BY JW  
 DRAWN BY SRG  
 CHECKED BY JW

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

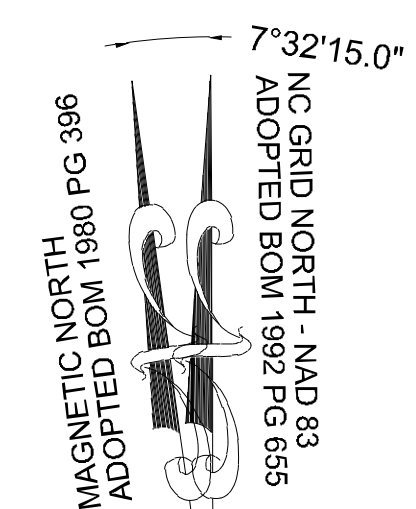
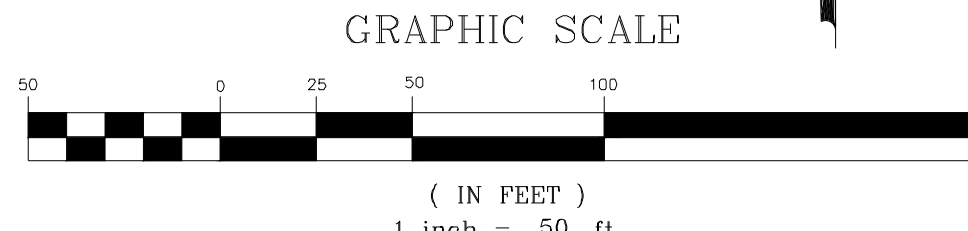
DRAWING SHEET  
**C-6.2**

31 OF 76

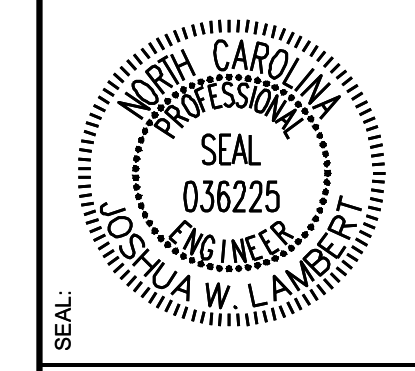
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**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-6.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01			
02			
03			



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

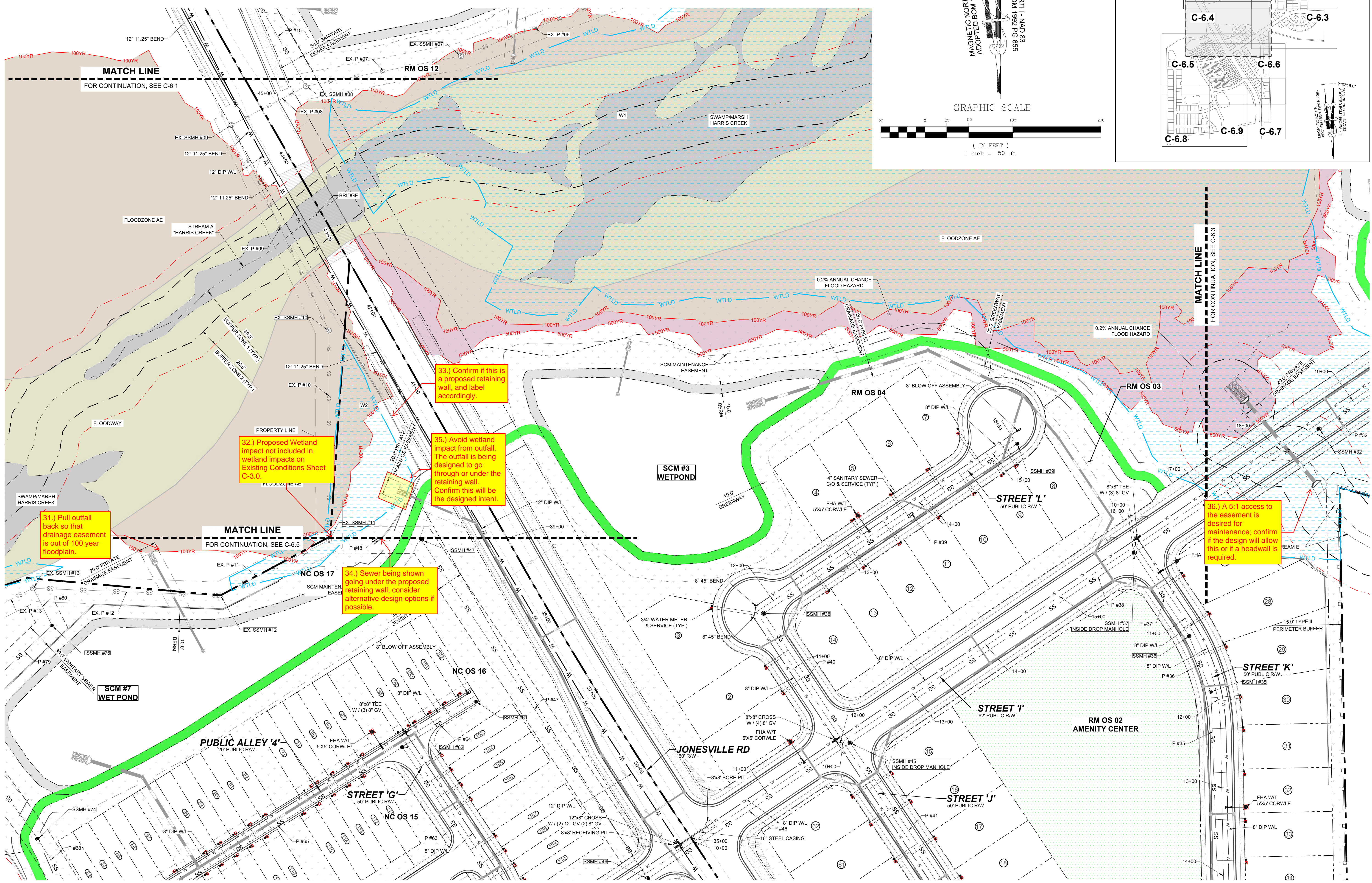
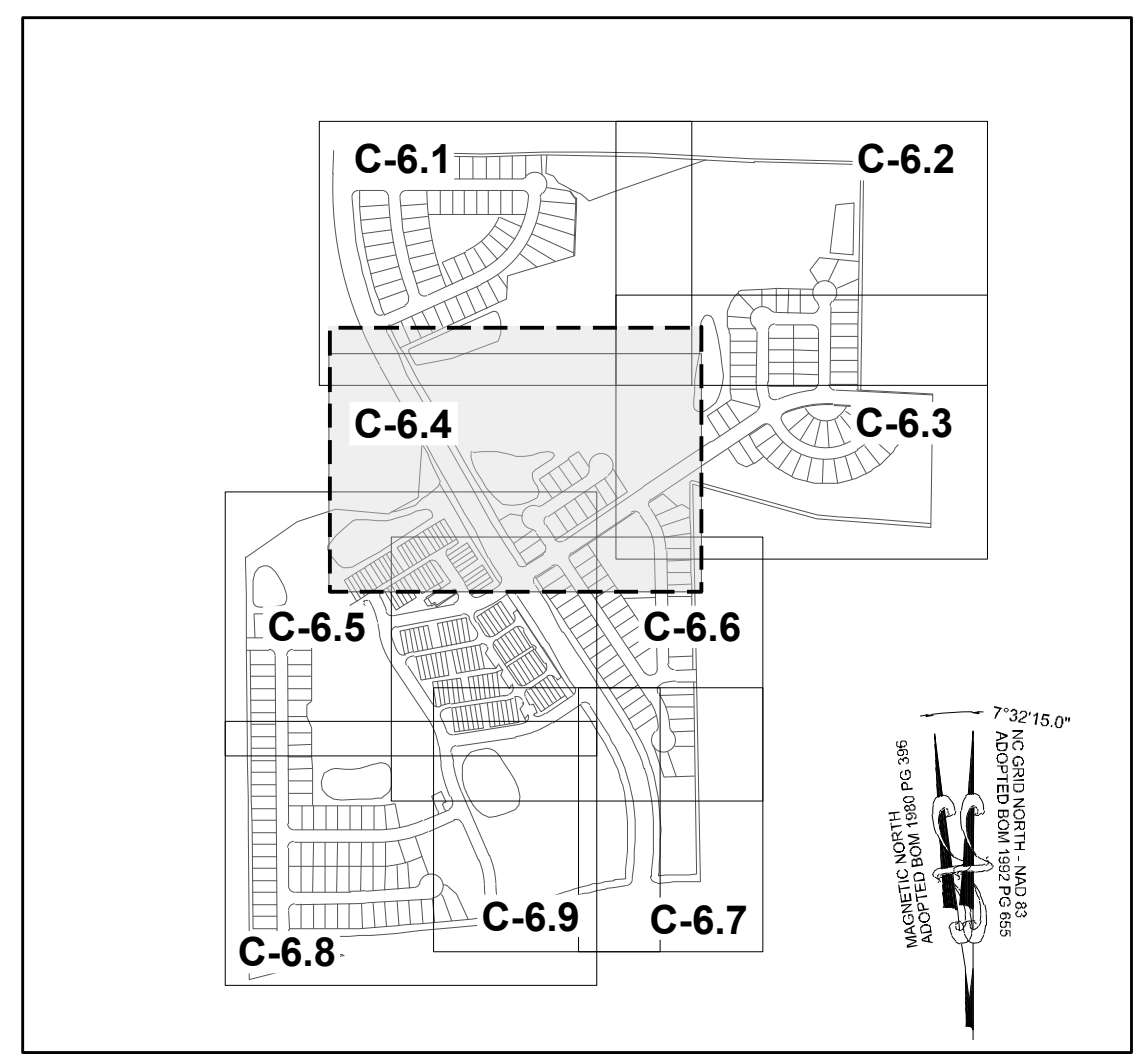
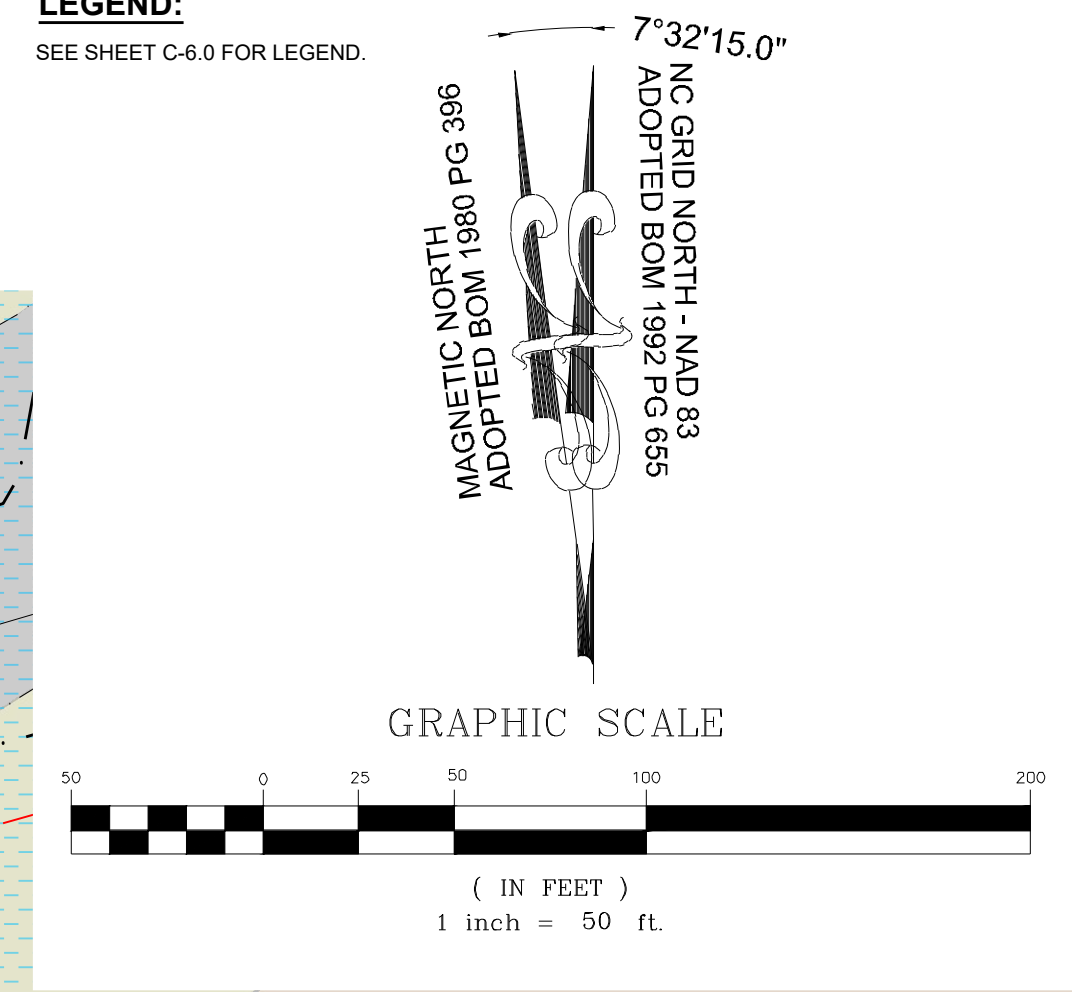
DRAWING SHEET  
**C-6.3**

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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-6.0 FOR LEGEND.



31.) Pull outfall back so that drainage easement is out of 100 year floodplain.

32.) Proposed Wetland impact not included in wetland impacts on Existing Conditions Sheet C-3.0.

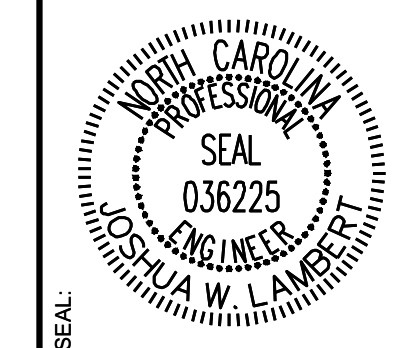
33.) Confirm if this is a proposed retaining wall, and label accordingly.

35.) Avoid wetland impact from outfall. The outfall is being designed to go through or under the retaining wall. Confirm this will be the designed intent.

34.) Sewer being shown going under the proposed retaining wall; consider alternative design options if possible.

36.) A 5:1 access to the easement is desired for maintenance; confirm if the design will allow this or if a headwall is required.

NO.	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT P-24-03	
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS P-24-03	
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS P-24-03	



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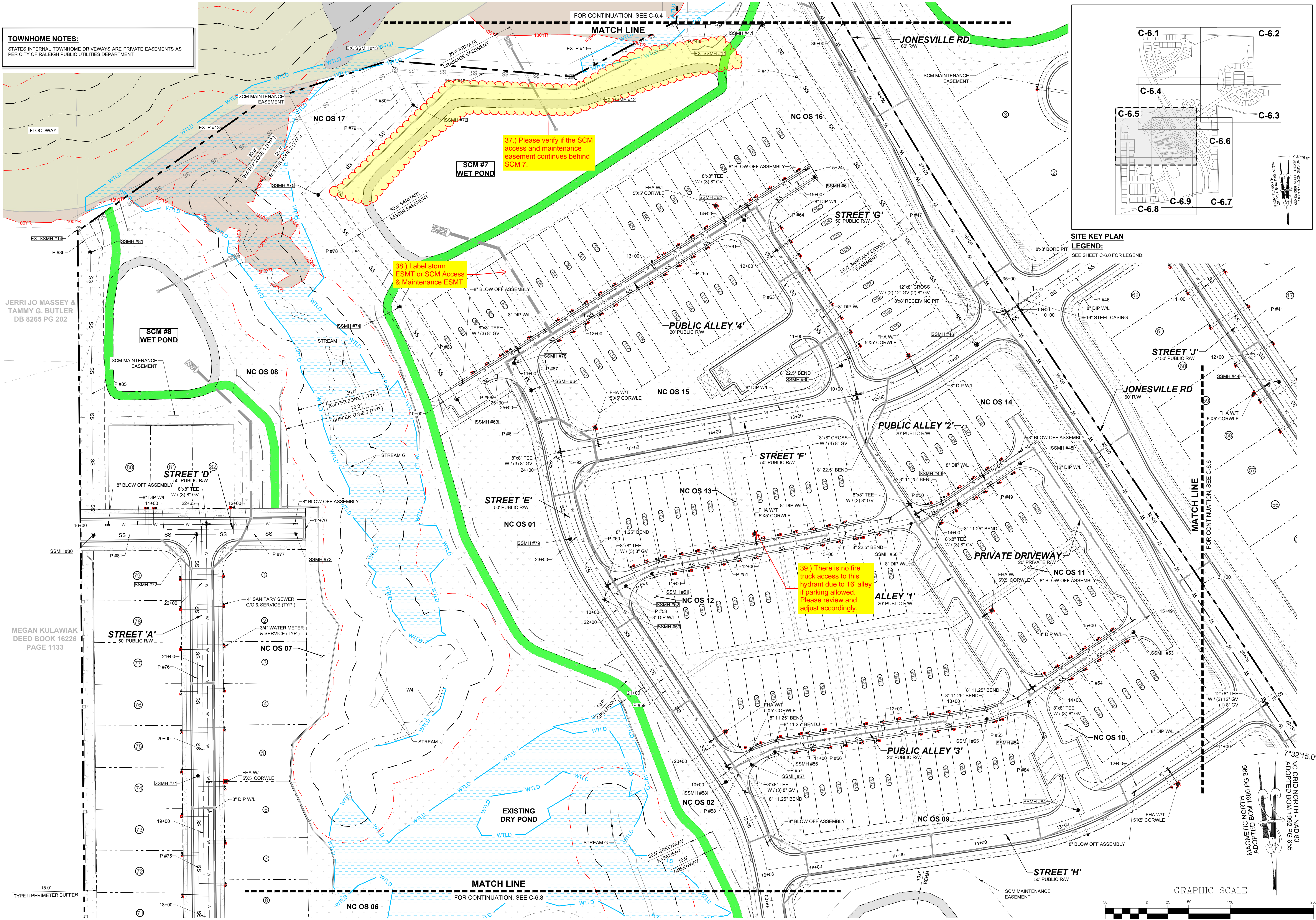
STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03	AS SHOWN	JWL	SRG	JWL

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

DRAWING SHEET  
**C-6.4**

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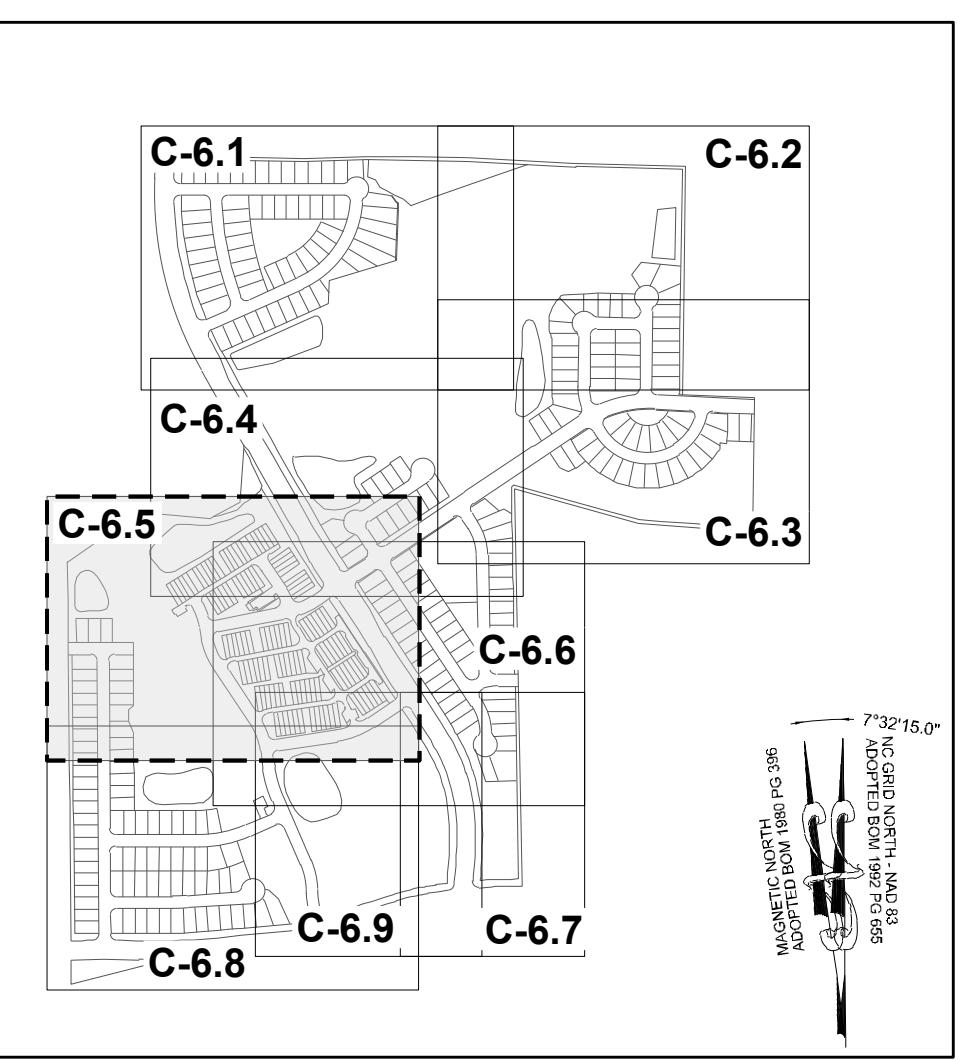
**TOWNHOME NOTES:**  
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



37.) Please verify if the SCM access and maintenance easement continues behind SCM 7.

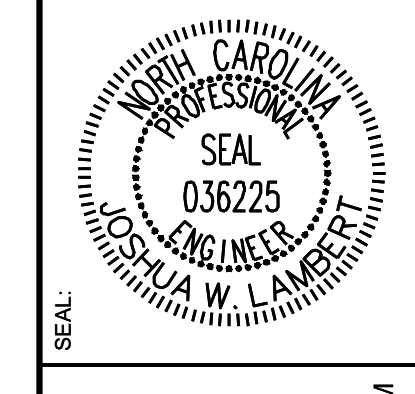
38.) Label storm ESMT or SCM Access & Maintenance ESMT

39.) There is no fire truck access to this hydrant due to 16' alley if parking allowed. Please review and adjust accordingly.



**SITE KEY PLAN**  
**LEGEND:**  
SEE SHEET C-6.0 FOR LEGEND.

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	ISREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	ISREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	ISREG



JERRI JO MASSEY & TAMMY G. BUTLER  
DB 8265 PG 202

MEGAN KULAWIAK  
DEED BOOK 16226  
PAGE 1133

**STRONGROCK**  
ENGINEERING GROUP

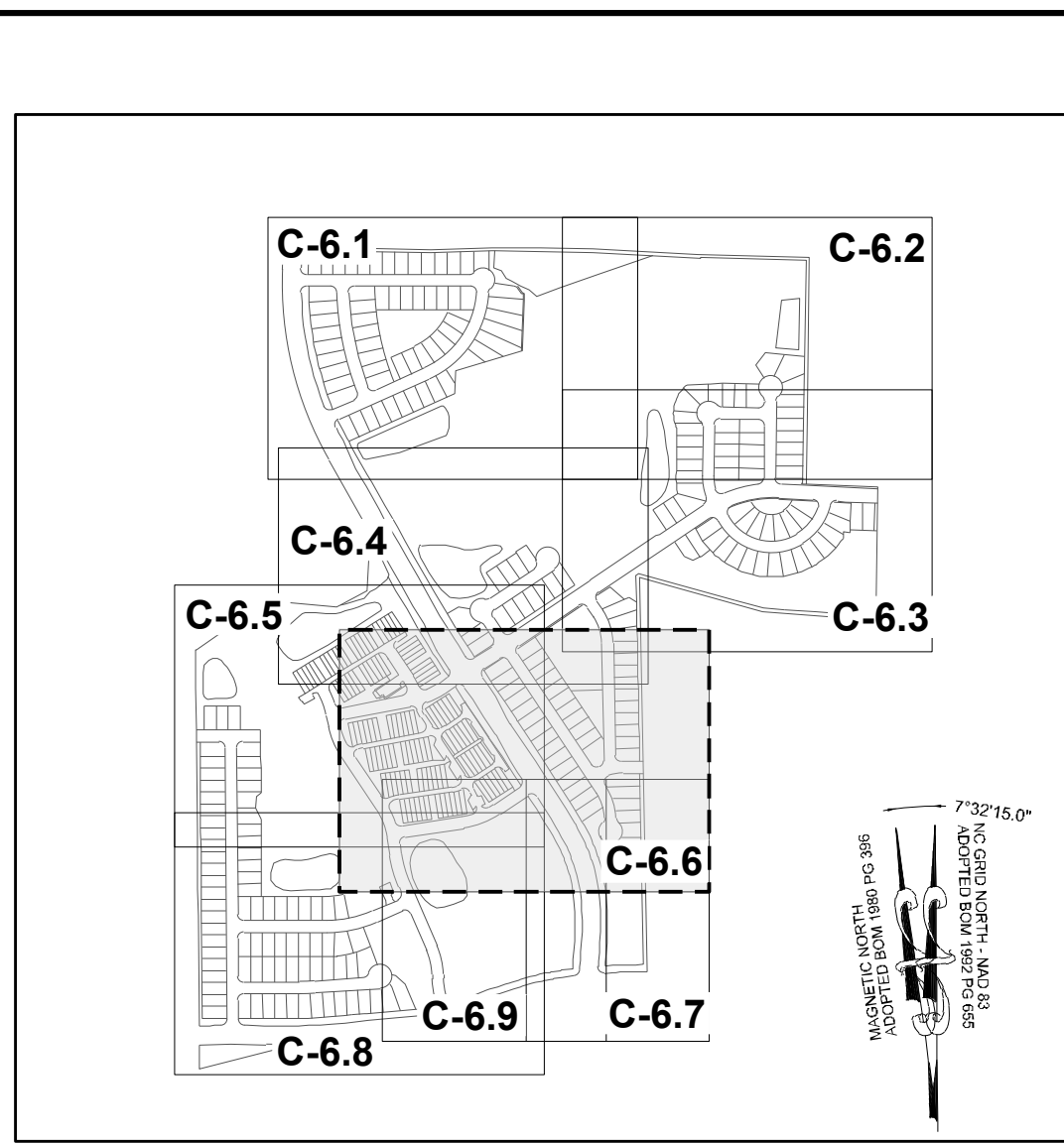
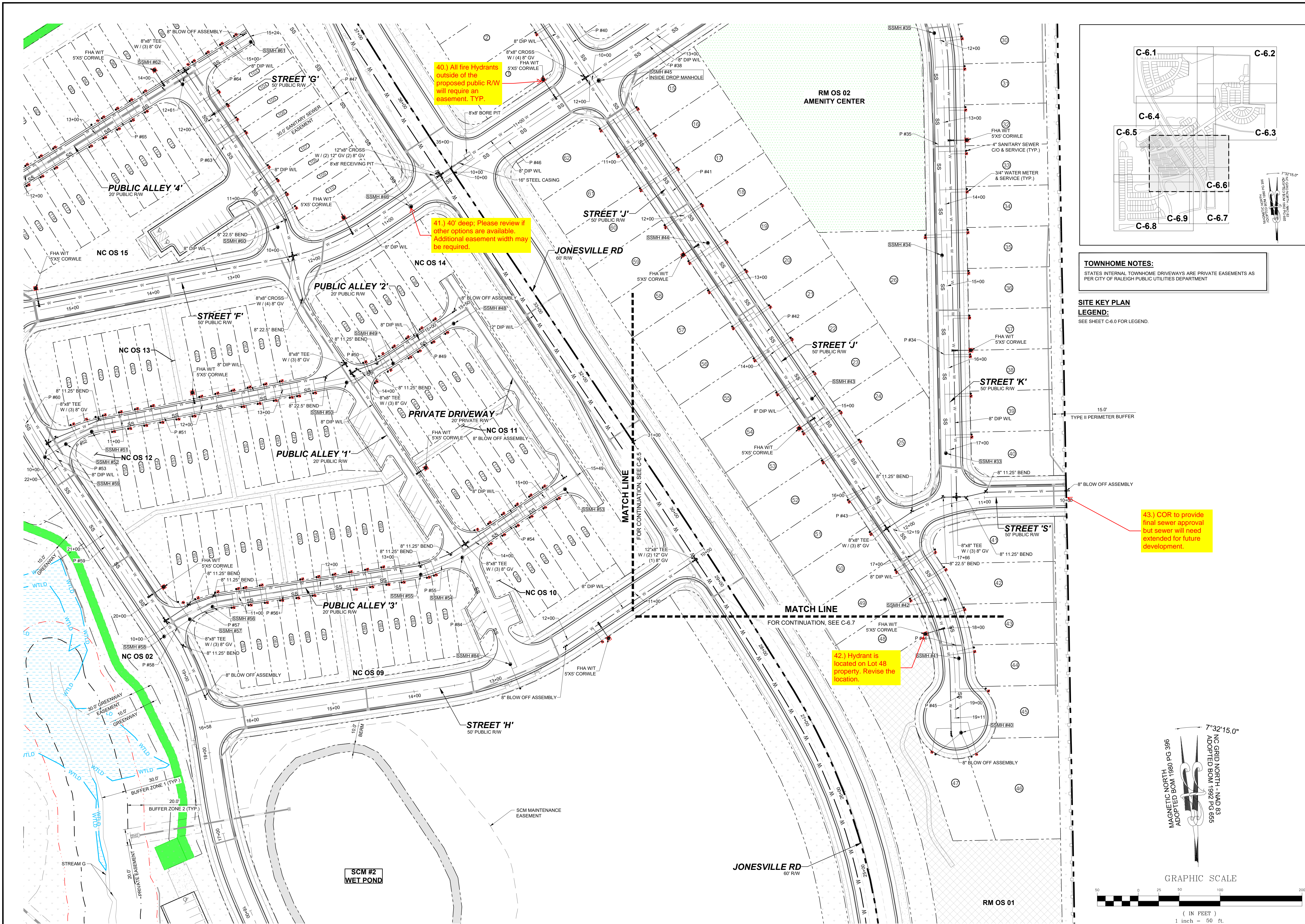
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT P-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	DRAWN BY JWL	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL UTILITY PLAN V

DRAWING SHEET  
**C-6.5**

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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-6.0 FOR LEGEND.

01	PRELIMINARY SUBDIVISION PLAT PSP-25-03	08/01/2023	BY
02	TOWN OF ROLESVILLE COMMENTS PSP-25-03	12/05/2023	DATE
03	TOWN OF ROLESVILLE COMMENTS PSP-25-03	03/01/2024	REVISIONS
			No.

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

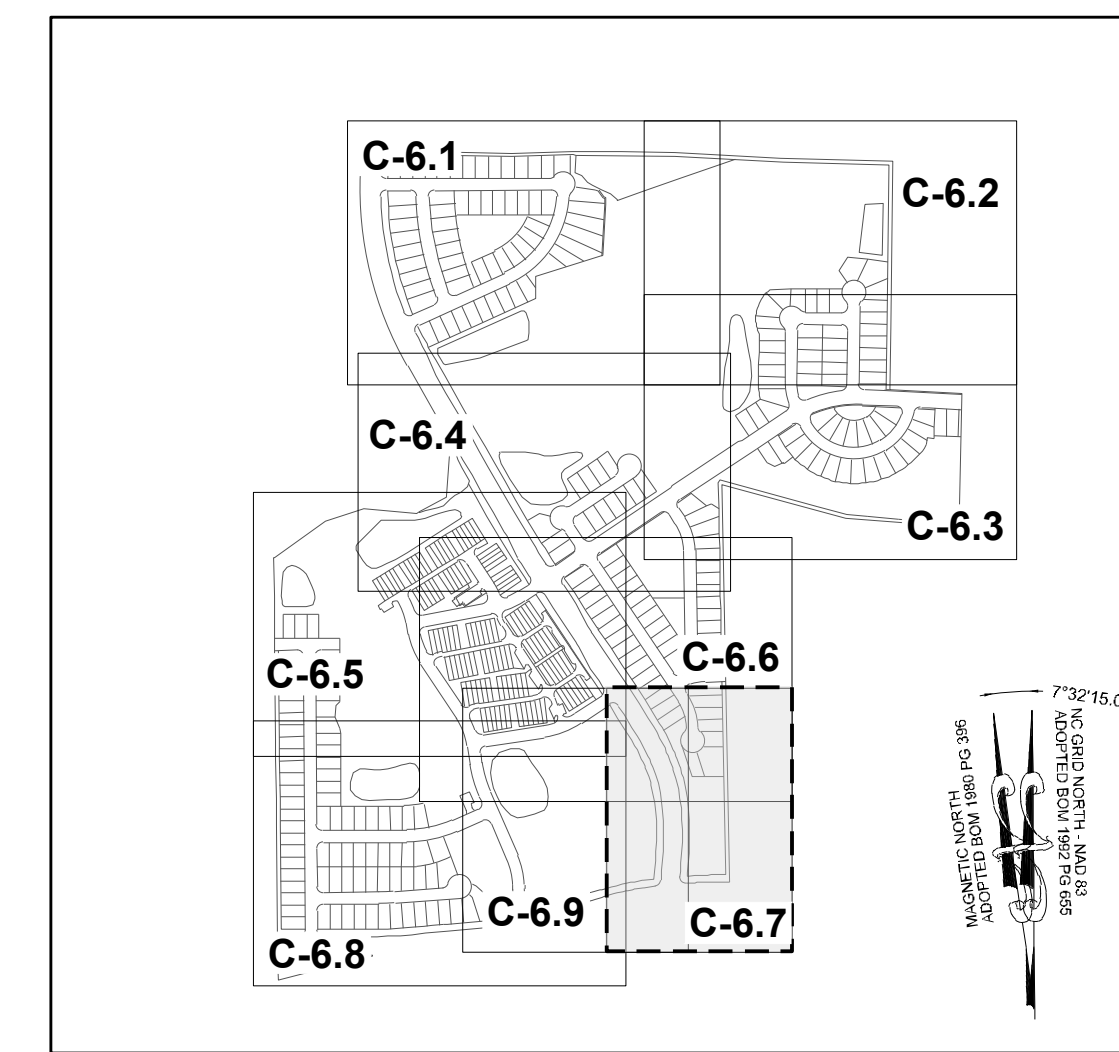
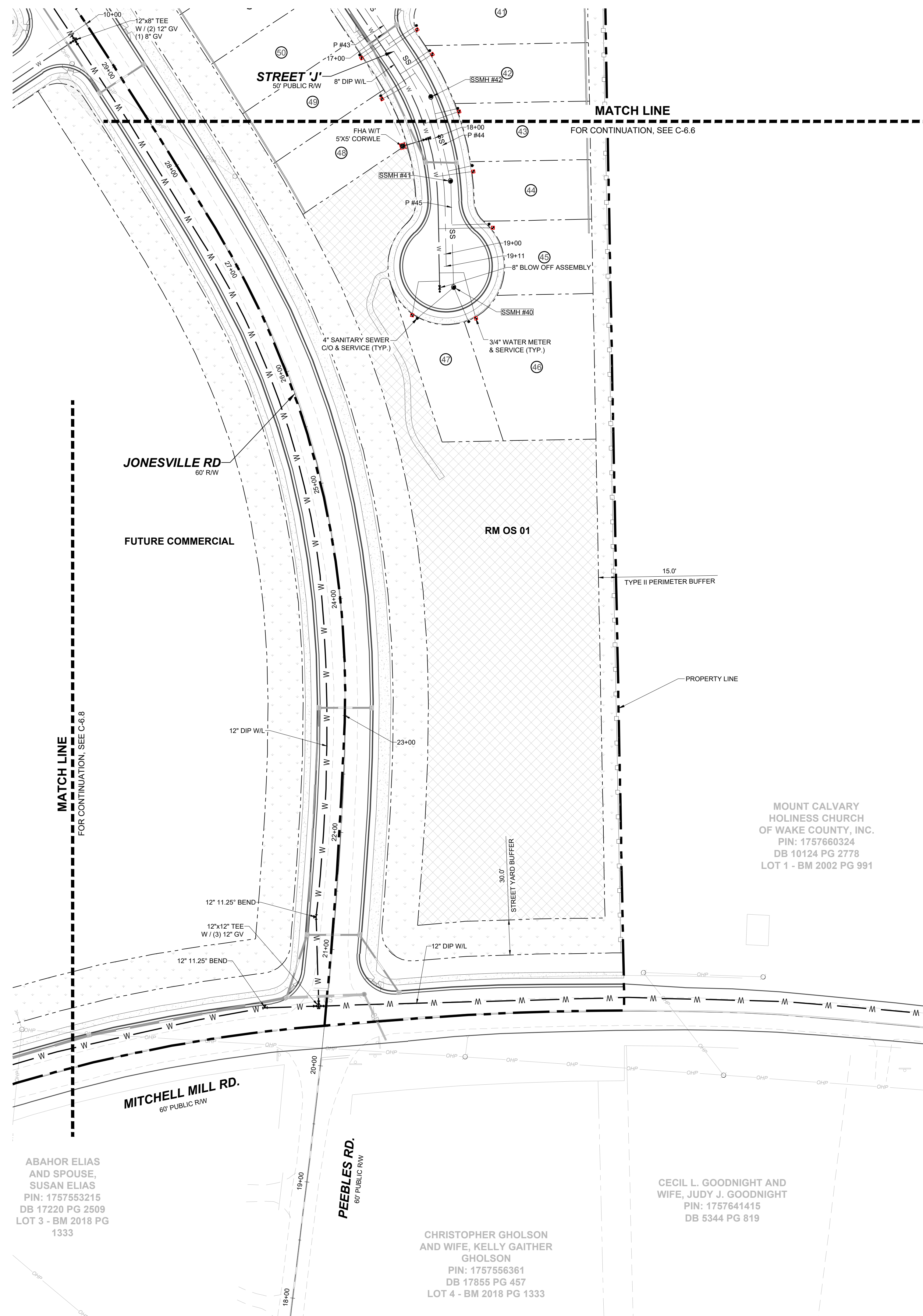
**RESERVE @ MITCHELL MILL**  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL UTILITY PLAN VI

**DRAWING SHEET**  
**C-6.6**

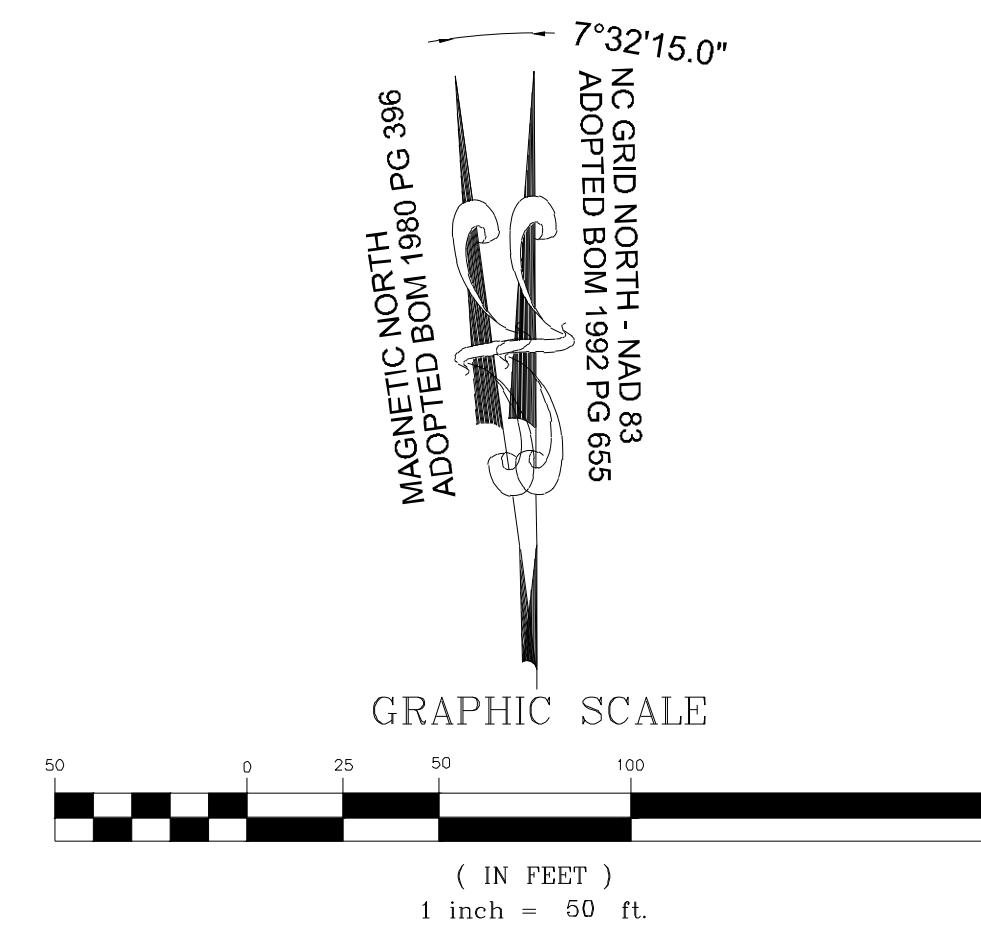
**35 OF 76**

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-25-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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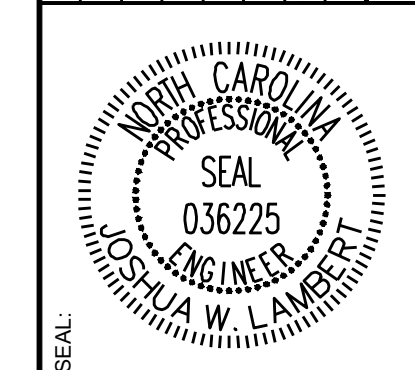
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**LEGEND:**  
SEE SHEET C-6.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS PSP-23-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS PSP-03-23-03	03/01/2024	SREG



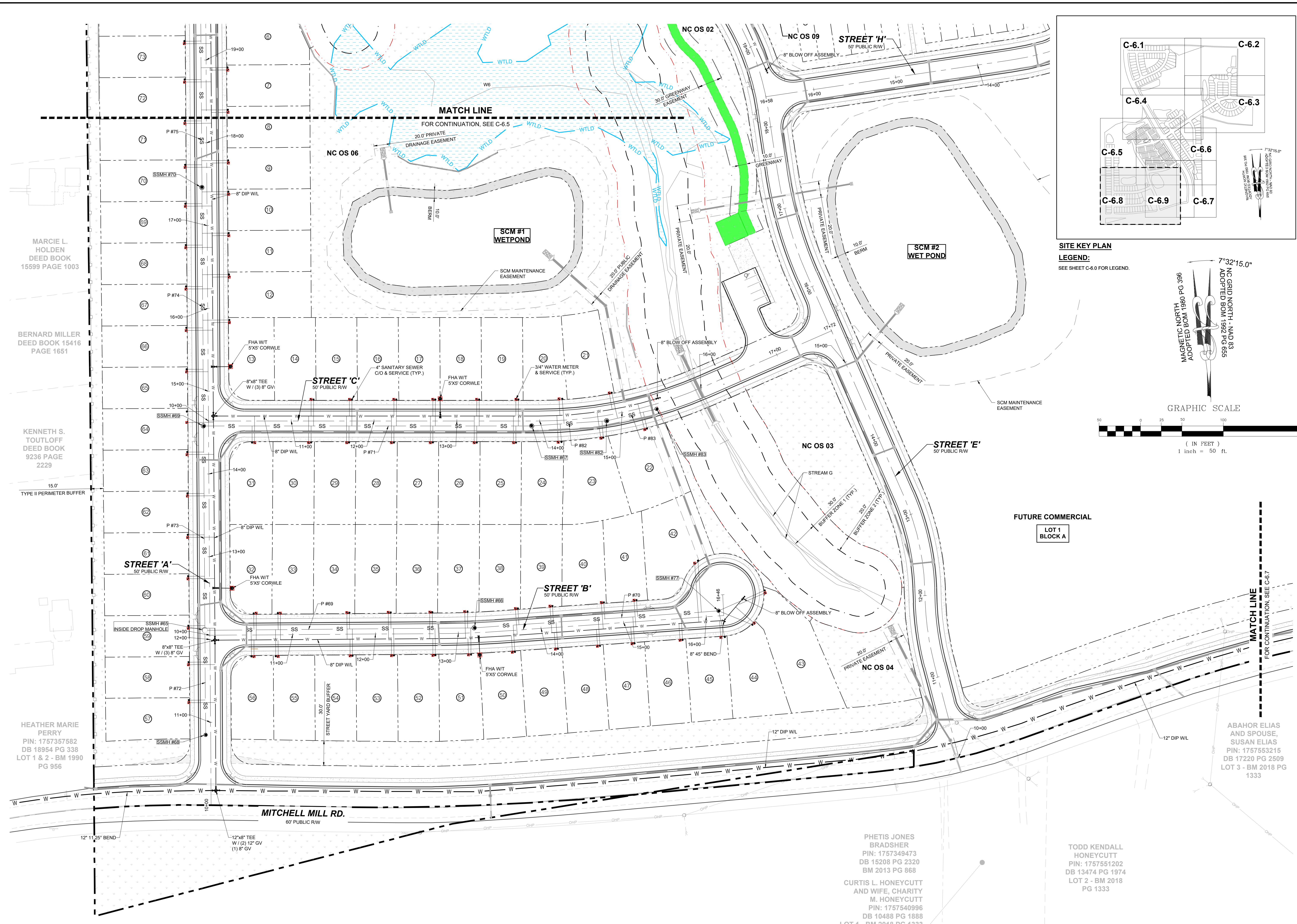
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

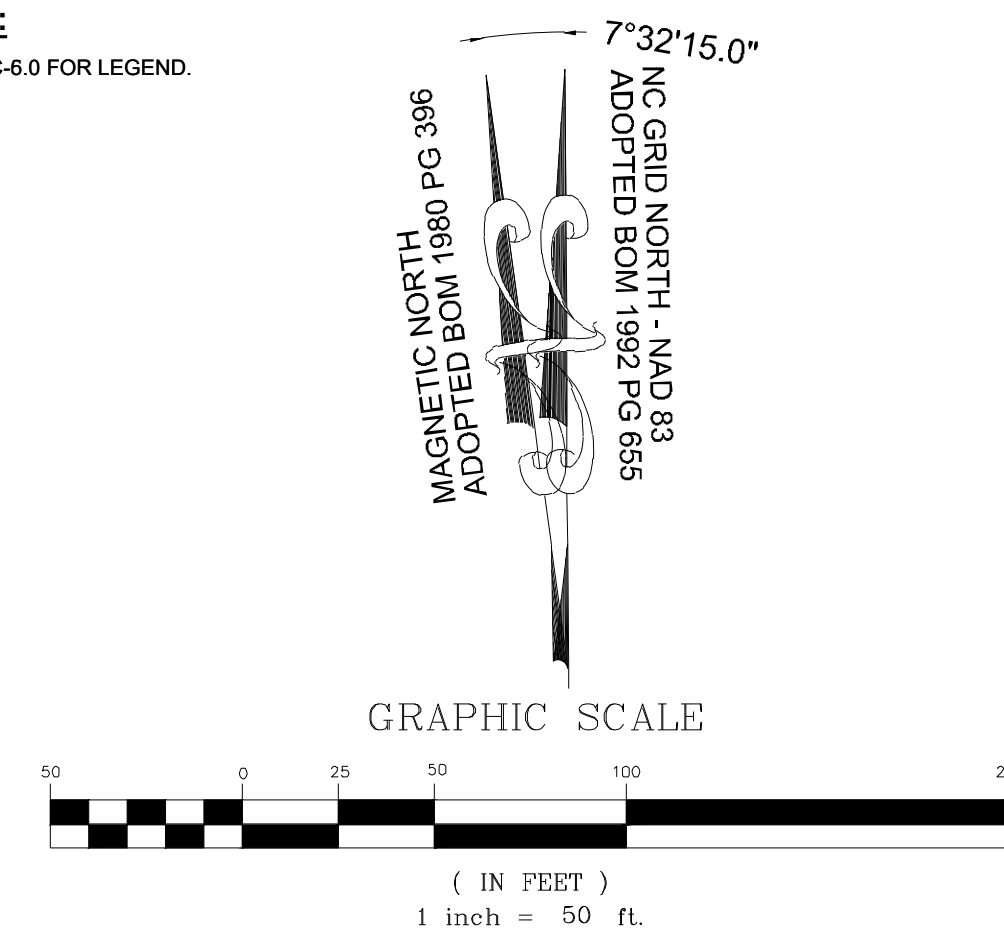
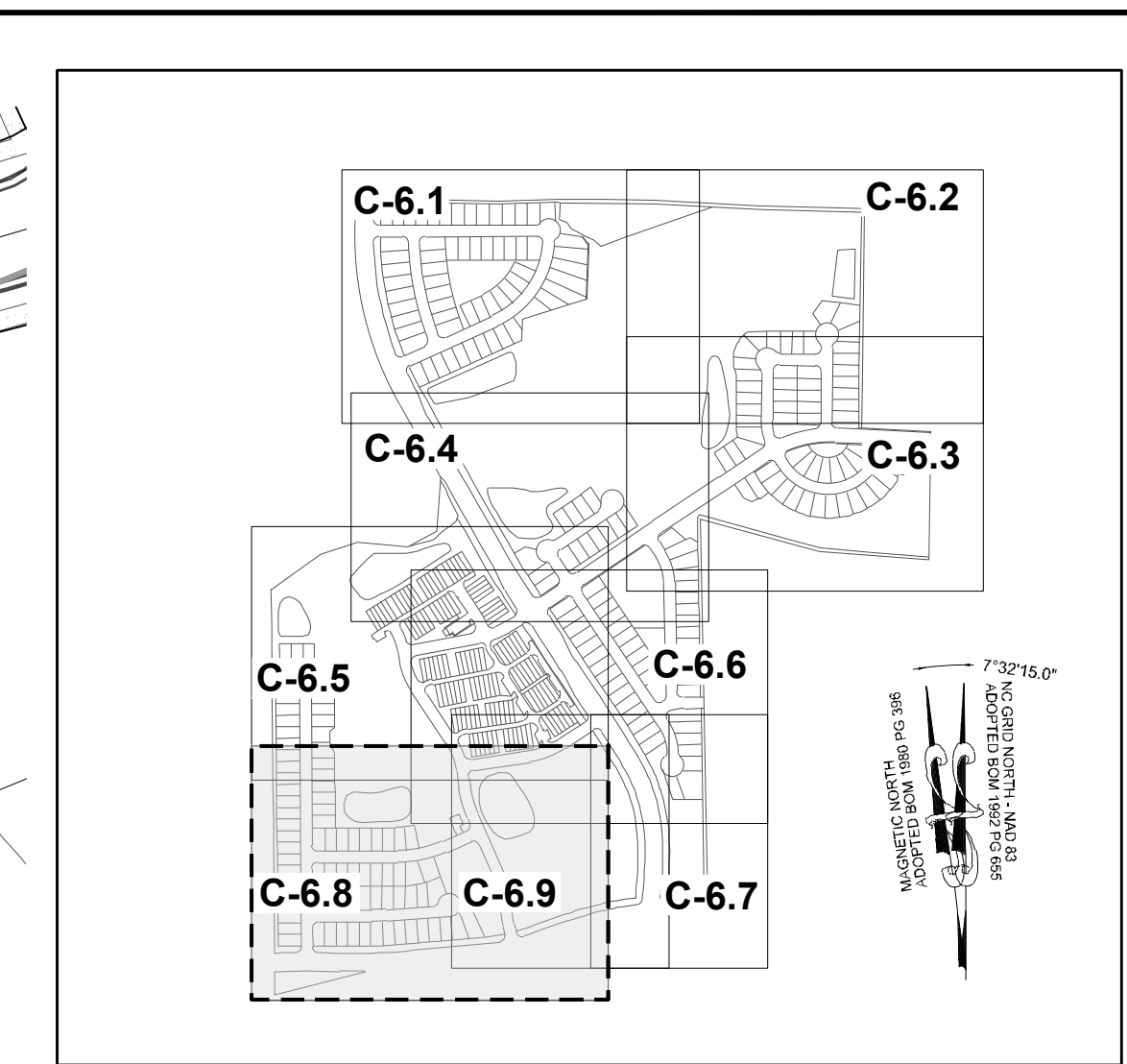
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL UTILITY PLAN VII

DRAWING SHEET  
**C-6.7**

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SITE KEY PLAN  
LEGEND:  
SEE SHEET C-6.0 FOR LEGEND.



MARCI L. HOLDEN DEED BOOK 15599 PAGE 1003  
BERNARD MILLER DEED BOOK 15416 PAGE 1651  
KENNETH S. TOUTLOFF DEED BOOK 9236 PAGE 2229  
HEATHER MARIE PERRY PIN: 1757357582 DB 18954 PG 338 LOT 1 & 2 - BM 1990 PG 956

PHETIS JONES BRADSHER PIN: 1757349473 DB 15208 PG 2320 BM 2013 PG 868  
CURTIS L. HONEYCUTT AND WIFE, CHARITY M. HONEYCUTT PIN: 1757540996 DB 10488 PG 1888 LOT 1 - BM 2018 PG 1333  
TODD KENDALL HONEYCUTT PIN: 1757551202 DB 13474 PG 1974 LOT 2 - BM 2018 PG 1333

ABAHOR ELIAS AND SPOUSE, SUSAN ELIAS PIN: 1757553215 DB 17220 PG 2509 LOT 3 - BM 2018 PG 1333

REVISIONS		DATE	BY
No.			
01	PRELIMINARY SUBDIVISION PLAT PSP-23-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS PSP-23-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS PSP-03-23-03	03/01/2024	SREG

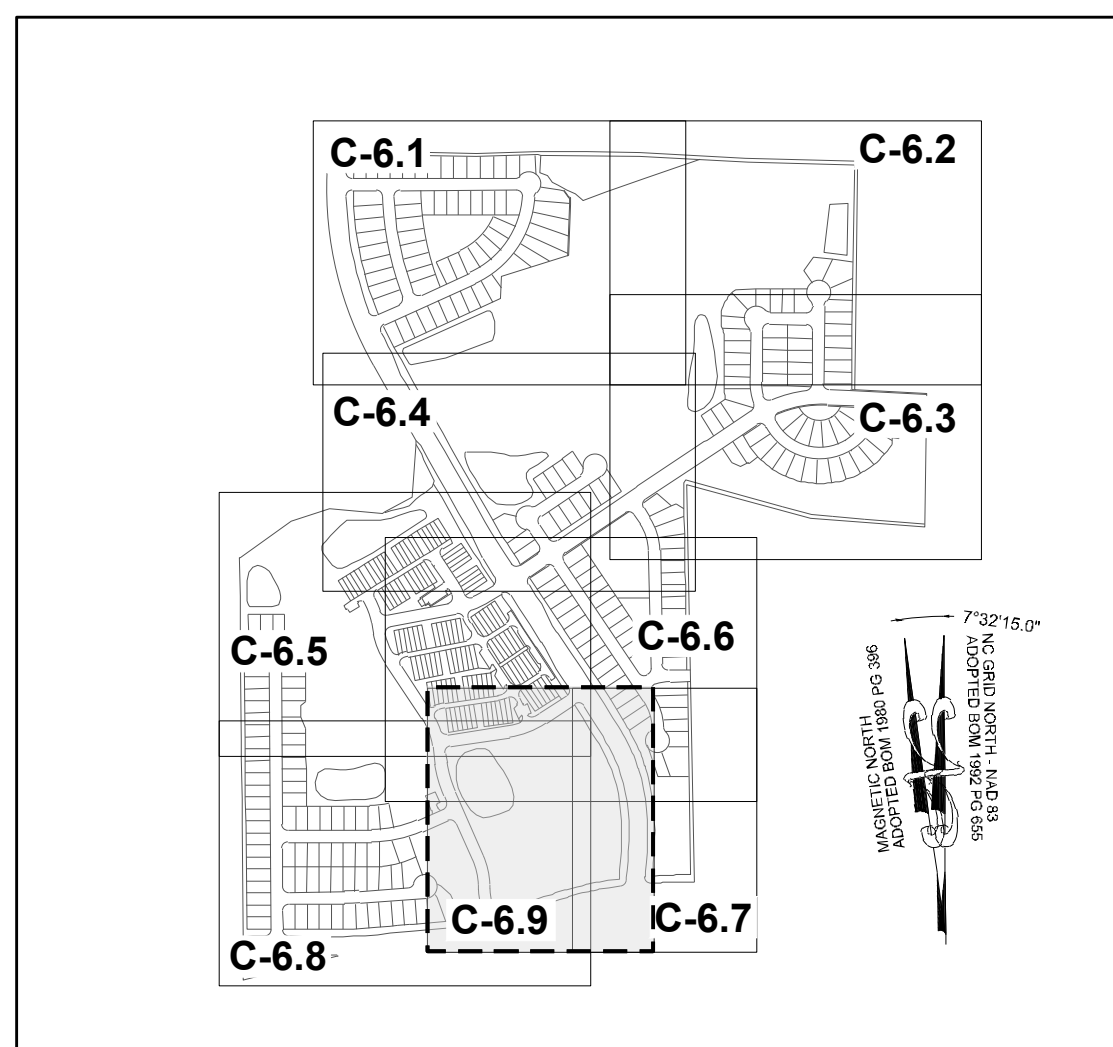
**STRONGROCK ENGINEERING GROUP**  
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT PSP-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-6.8**

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



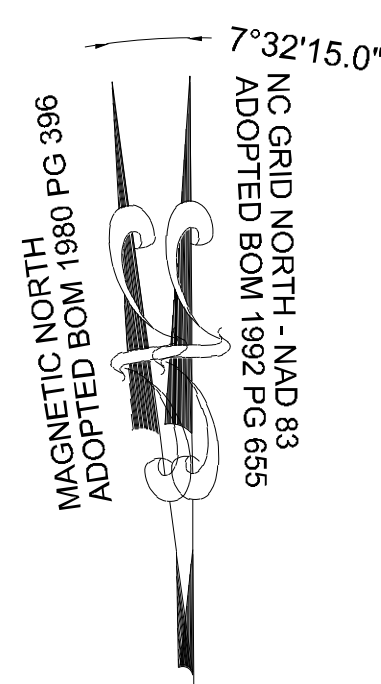
**SITE KEY PLAN**

**LEGEND:**

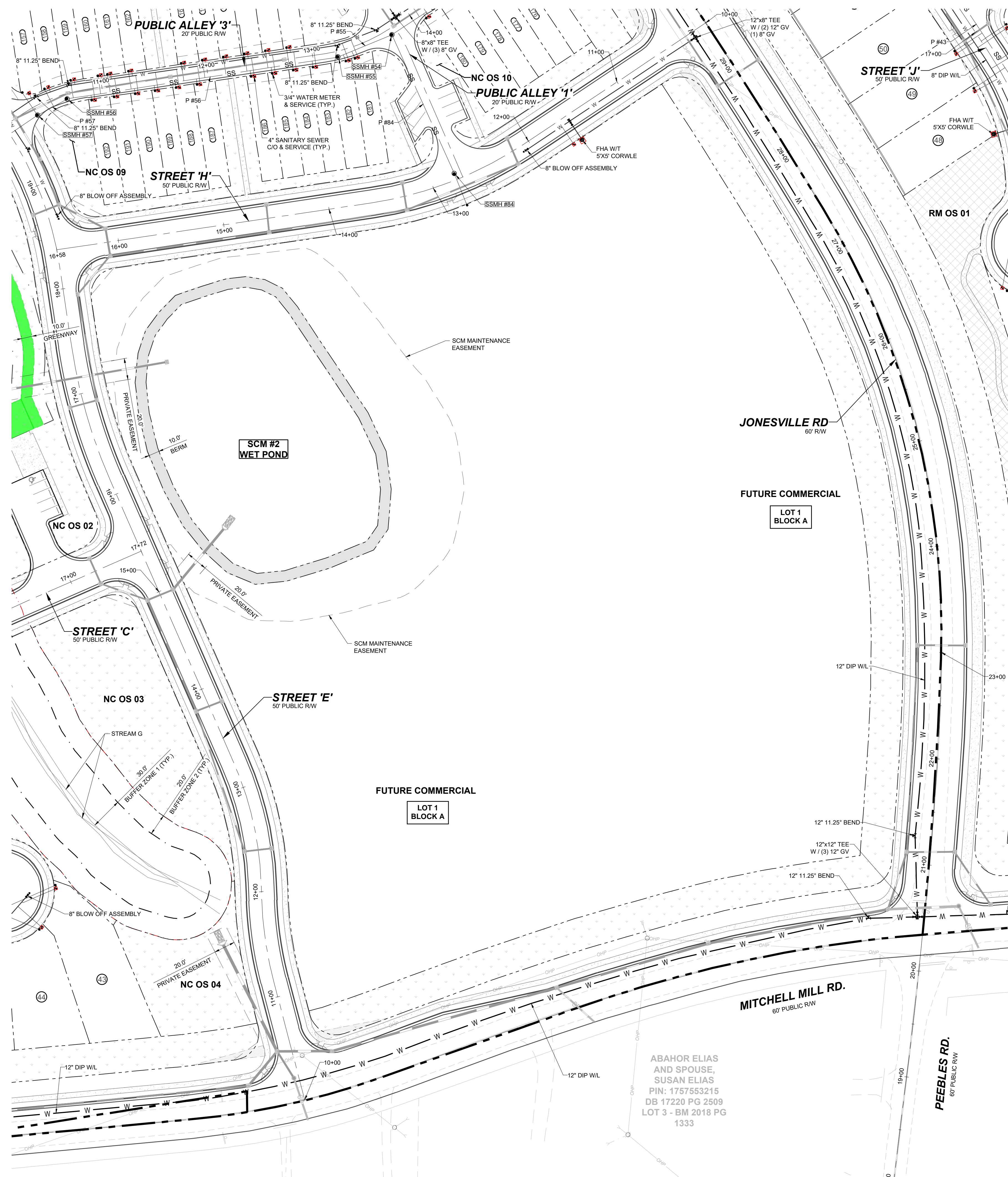
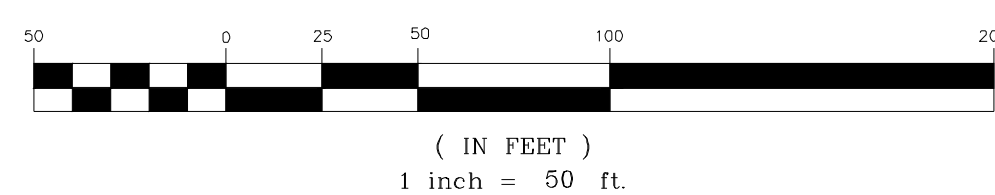
SEE SHEET C-6.0 FOR LEGEND.

**TOWNHOME NOTES:**

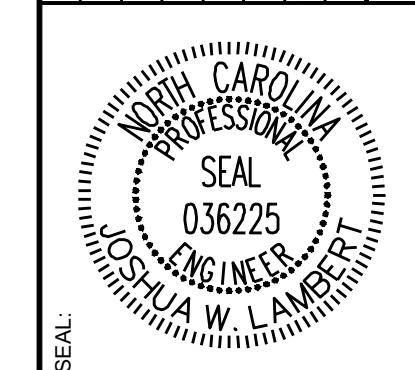
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



**GRAPHIC SCALE**



NO.	REVISIONS	DATE	BY
01			
02			
03			



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ENGINEERING GROUP

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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


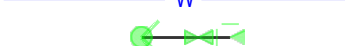



DRAWING SHEET  
**C-6.9**

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.

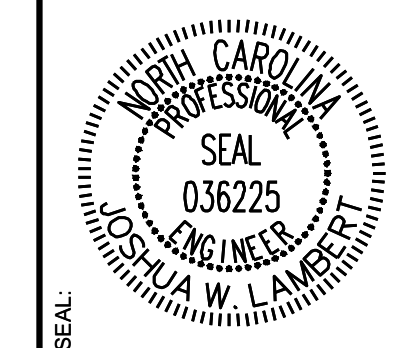


**TOWNHOME NOTES:**  
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

**LEGEND:**

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

NO.	REVISIONS	DATE	BY
01			
02			
03			



**STRONGROCK**  
ENGINEERING GROUP

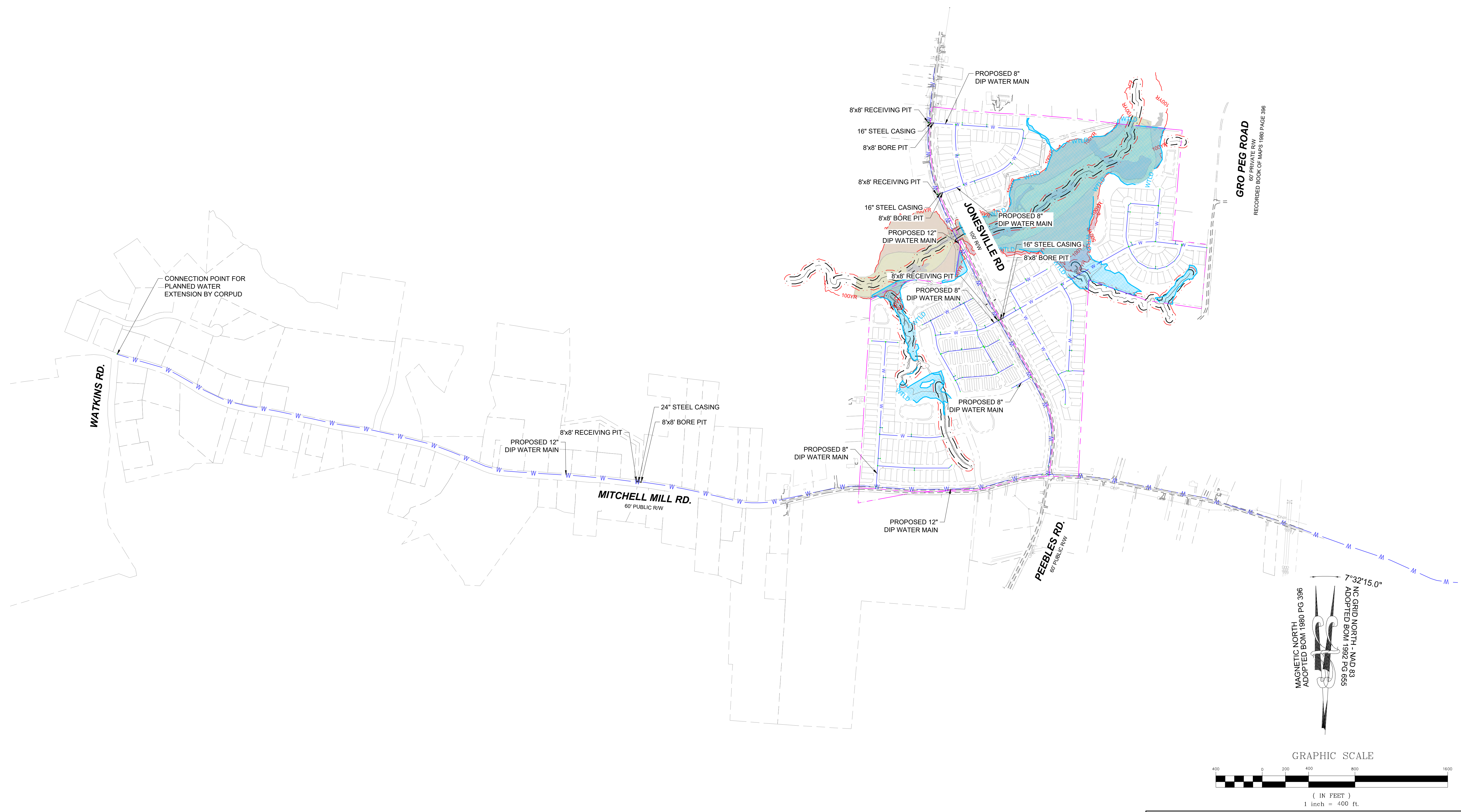
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	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**  
**OFF-SITE UTILITY PLAN**

**DRAWING SHEET**  
**C-6.11**

**40 OF 76**



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.

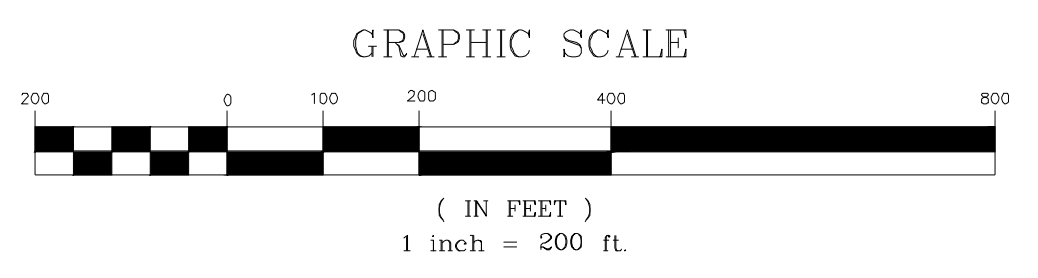
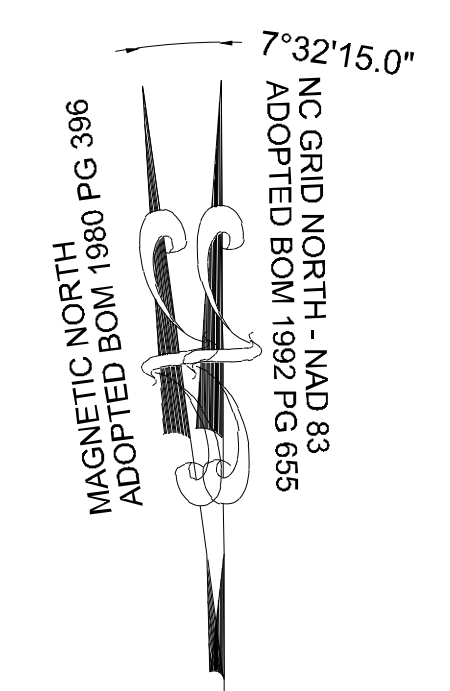
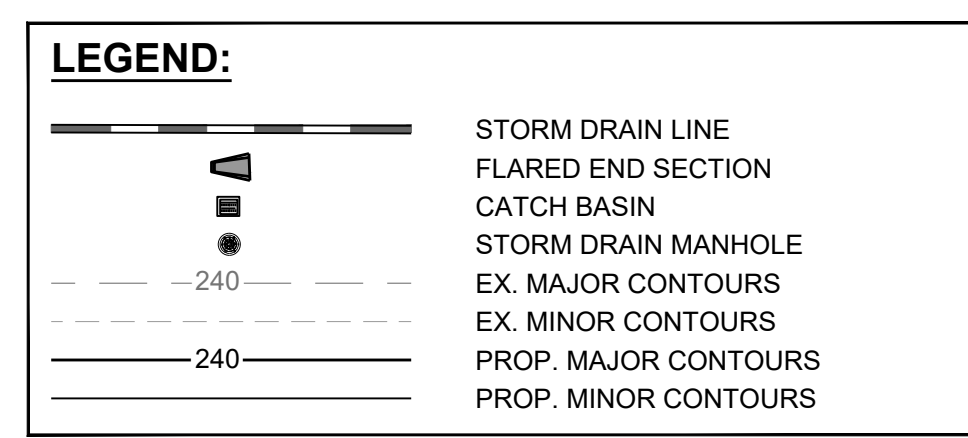




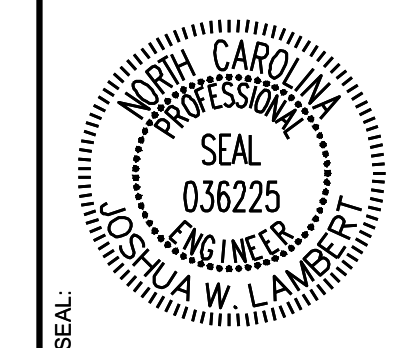
**( ) CD Storm Calculations to be included**  
 - storm drainage package review at CD min 110% gutter spread, prepost maps, and all final DA maps  
 - culverts (25 yr, prepost DA maps)

**( ) In efforts to collect drainage onsite for stormwater management, consider adding rear yard swales.**  
 - Roof drainage will also need collected and managed  
 - This comment applies to several areas and several streets

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



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



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STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
P-24-03	AS SHOWN	JWL	SRC	JWL

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

DRAWING SHEET  
**C-7.0**

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NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS PSP-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS PSP-03-24-03	03/01/2024	SREG



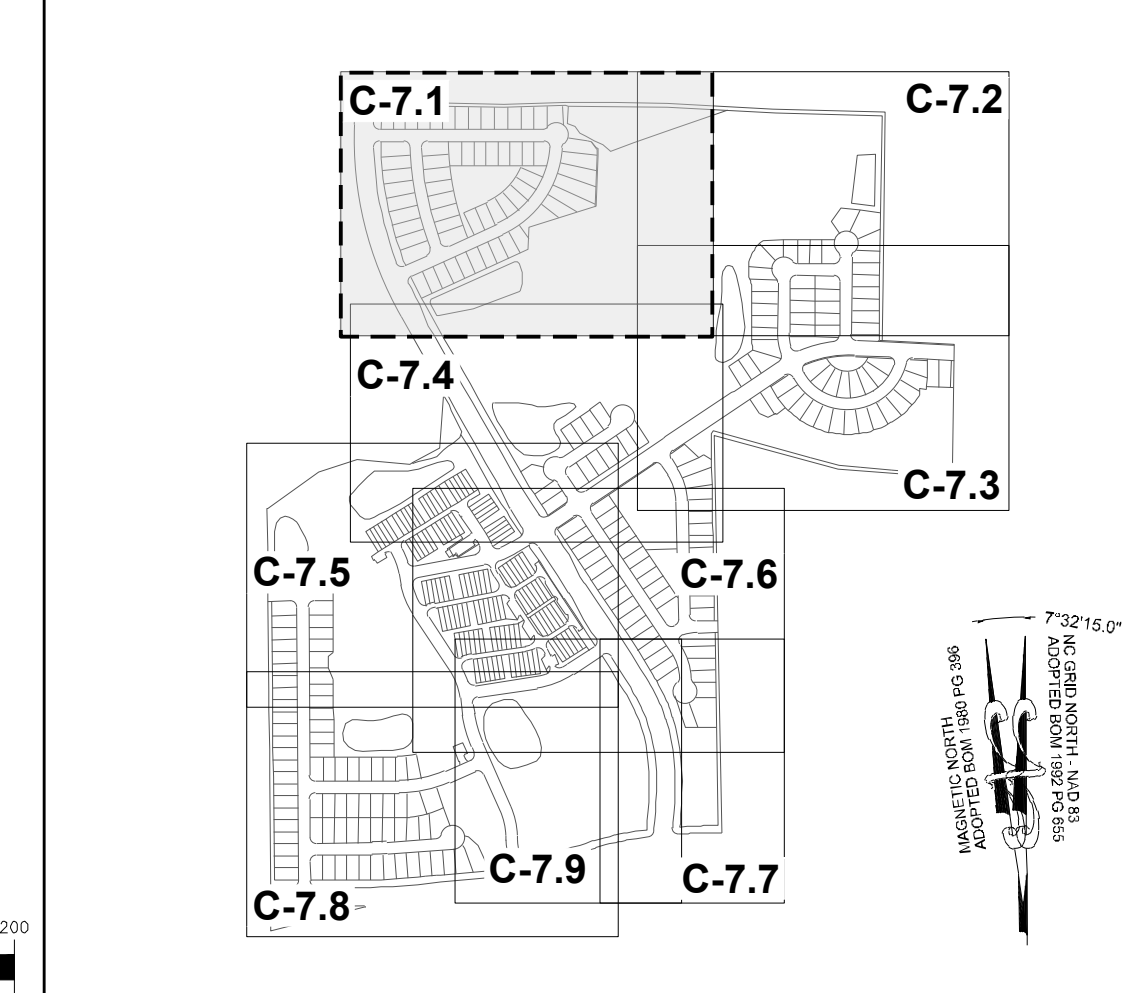
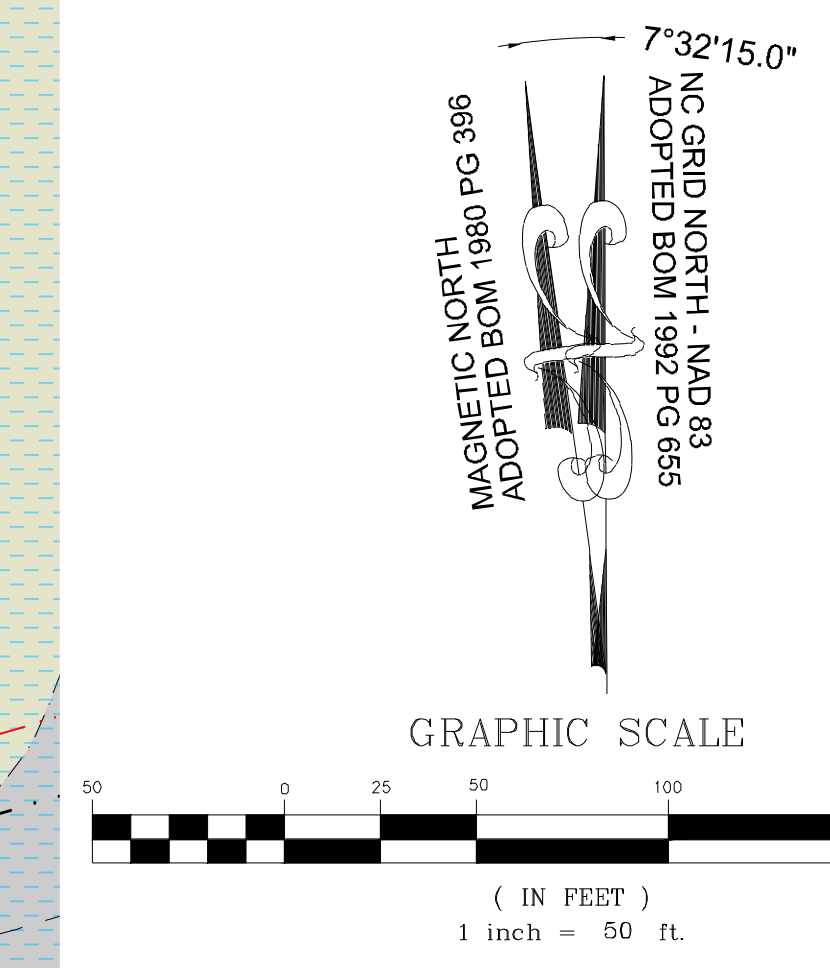
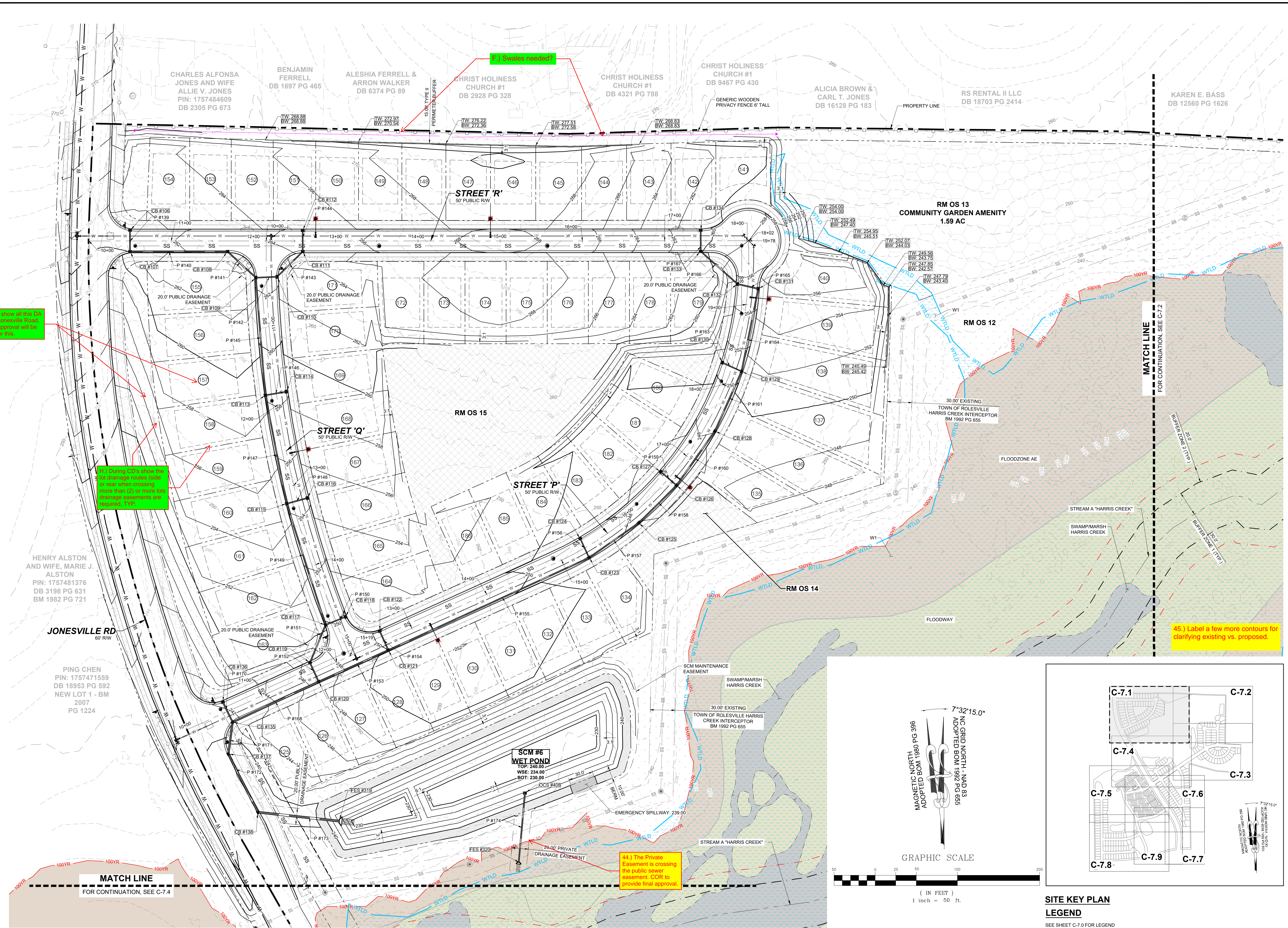
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

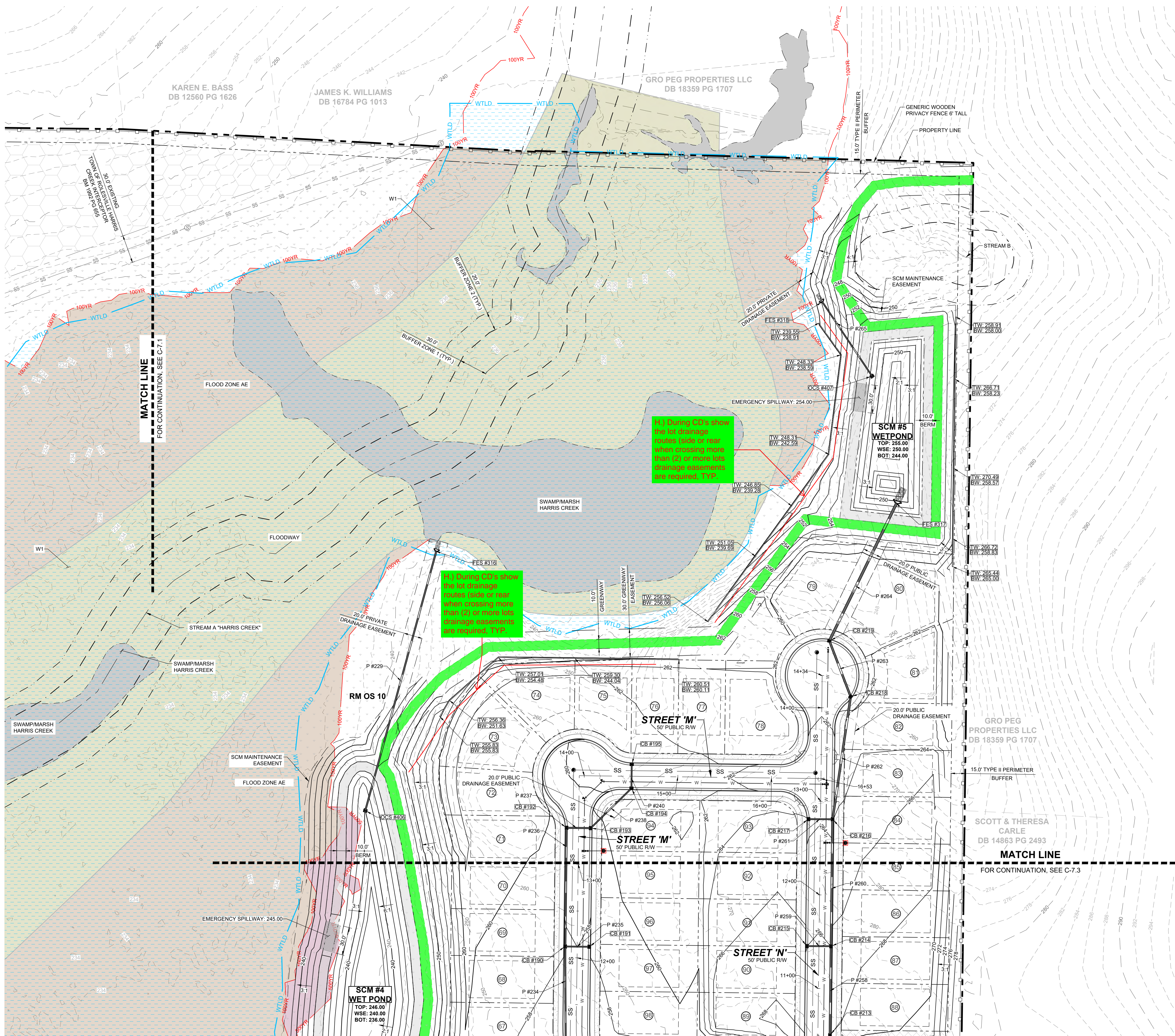
STRONG ROCK PROJECT PSP-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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## RESERVE @ MITCHELL MILL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA PRELIMINARY SUBDIVISION PLAT PARTIAL GRADING AND DRAINAGE PLAN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

DRAWING SHEET C-7.1  
42 OF 76



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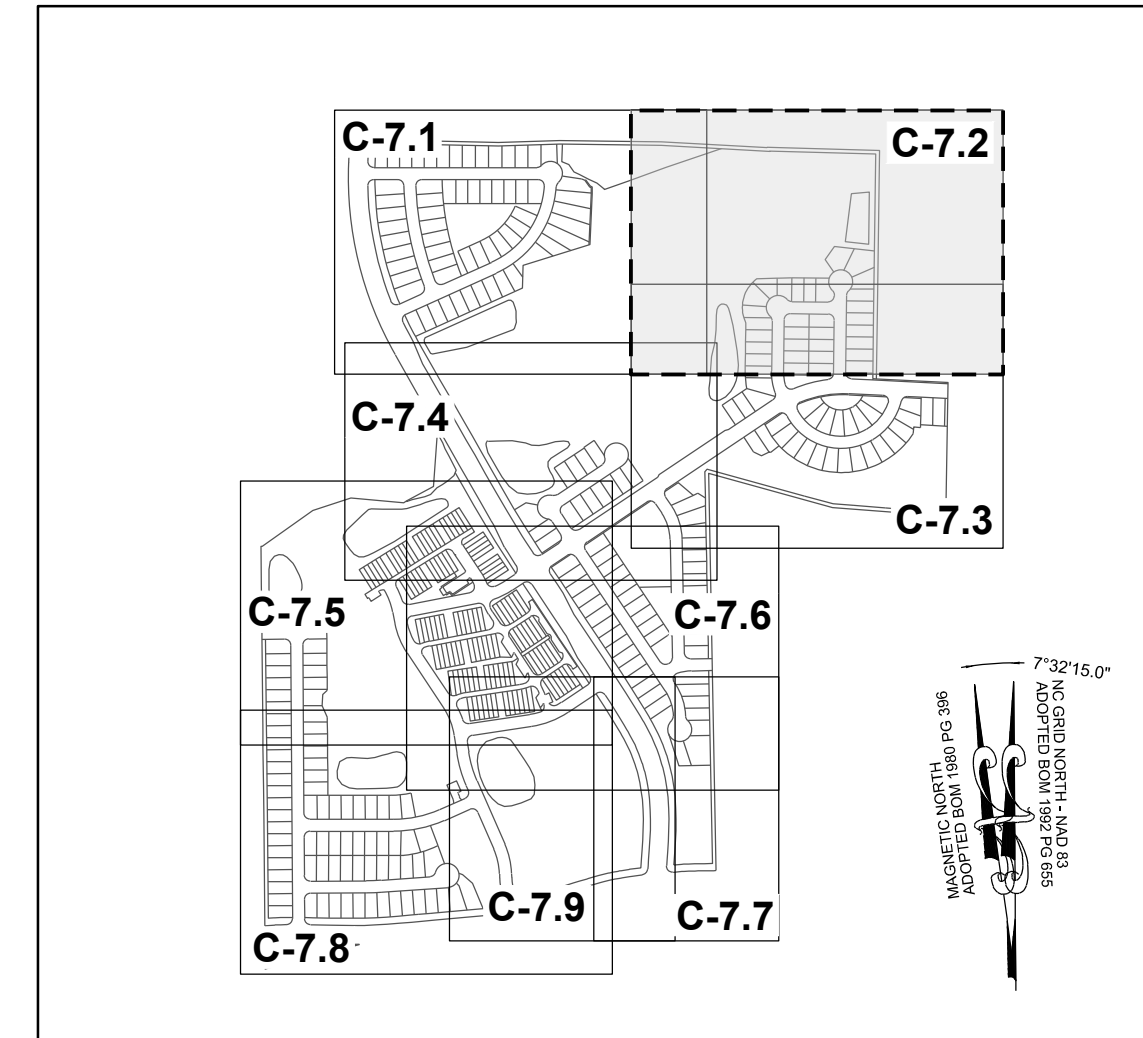


**MATCH LINE**  
FOR CONTINUATION, SEE C-7.1

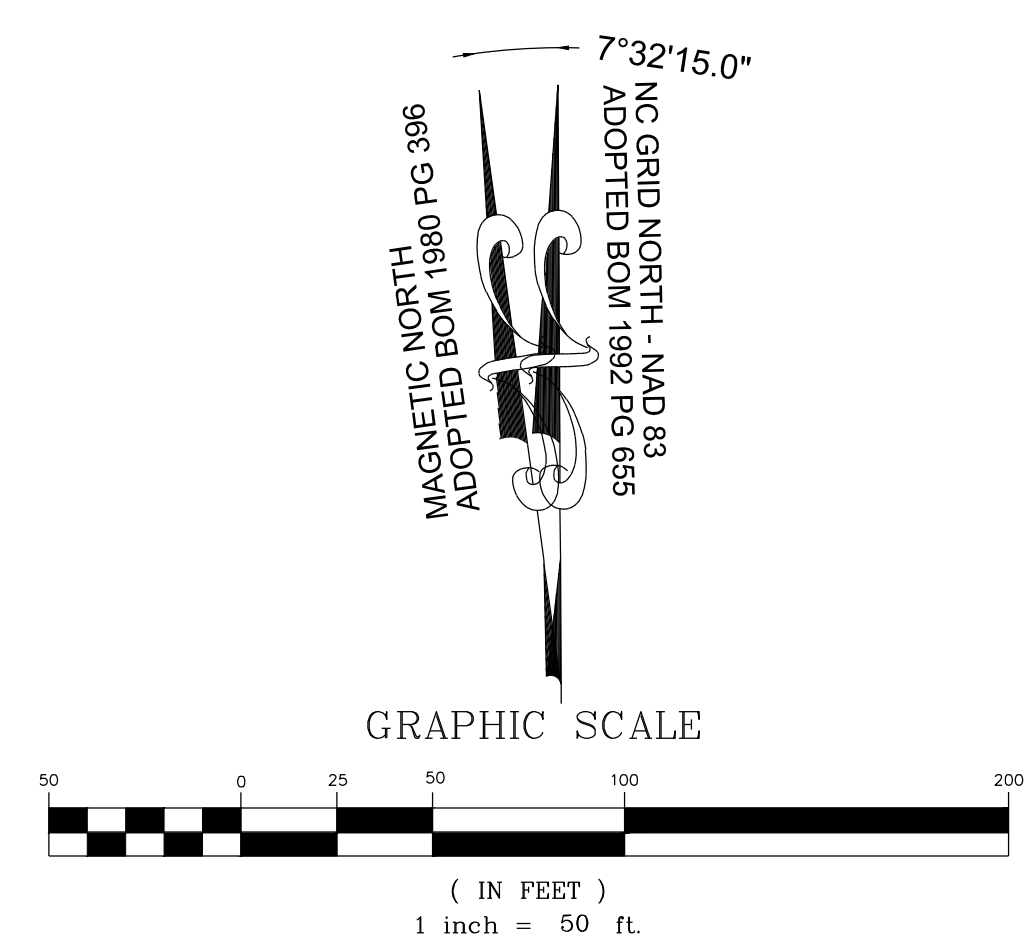
**MATCH LINE**  
FOR CONTINUATION, SEE C-7.3

1) During CD's show the lot drainage system inside of new lots crossing more than 75' or more lots drainage easements are required, TYP

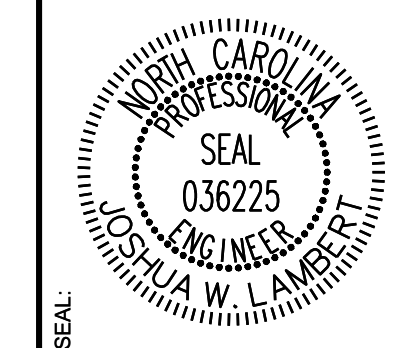
1) During CD's show the lot drainage system inside of new lots crossing more than 75' or more lots drainage easements are required, TYP



**SITE KEY PLAN**  
**LEGEND**  
SEE SHEET C-7.0 FOR LEGEND



NO.	REVISIONS	DATE	BY
01			
02			
03			



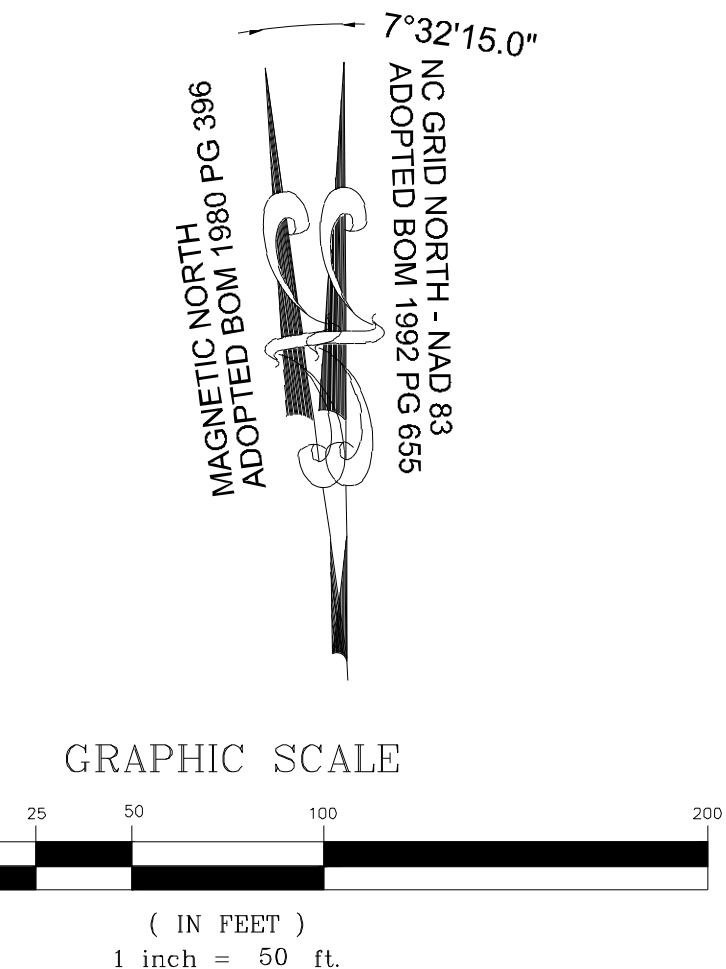
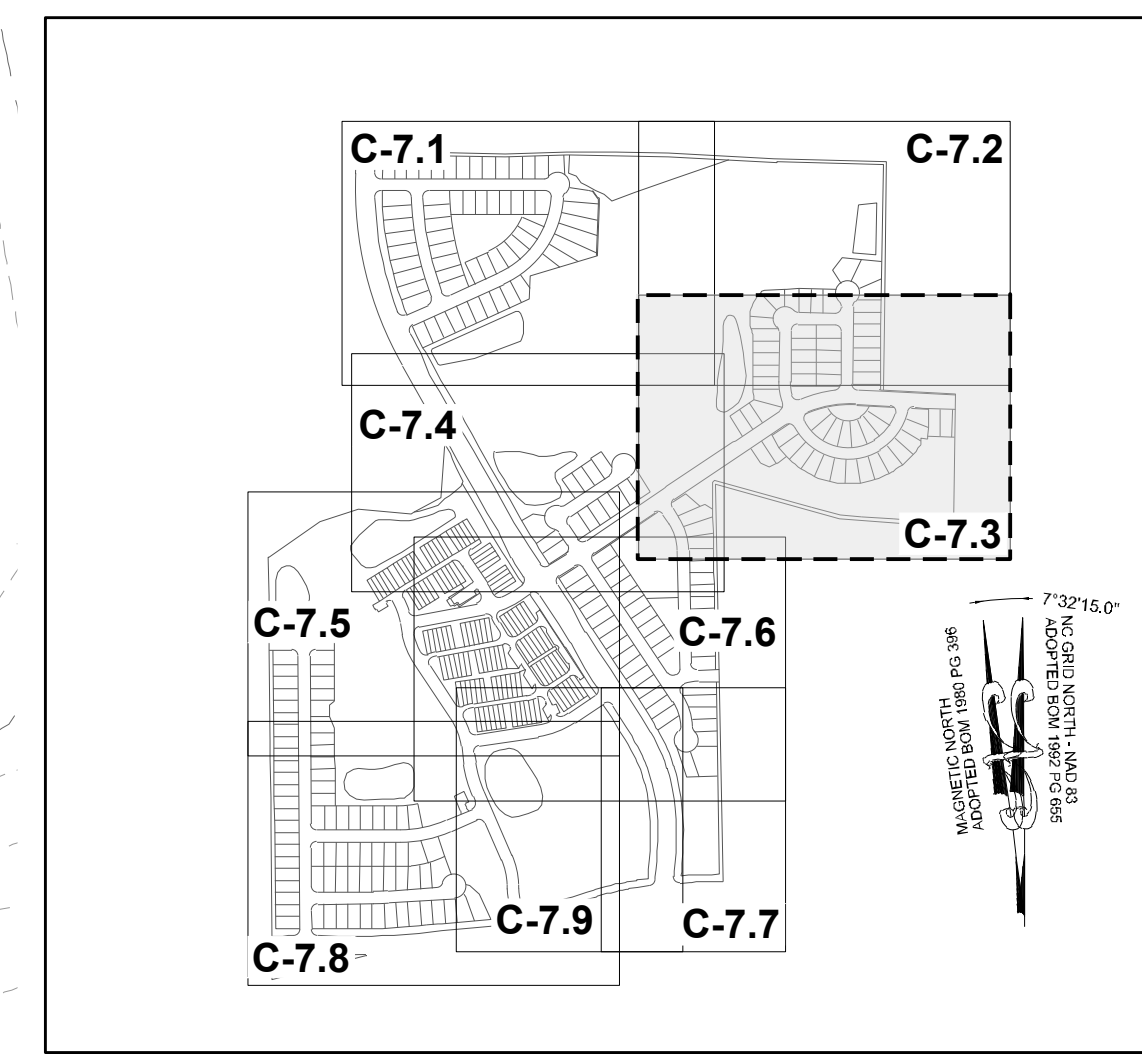
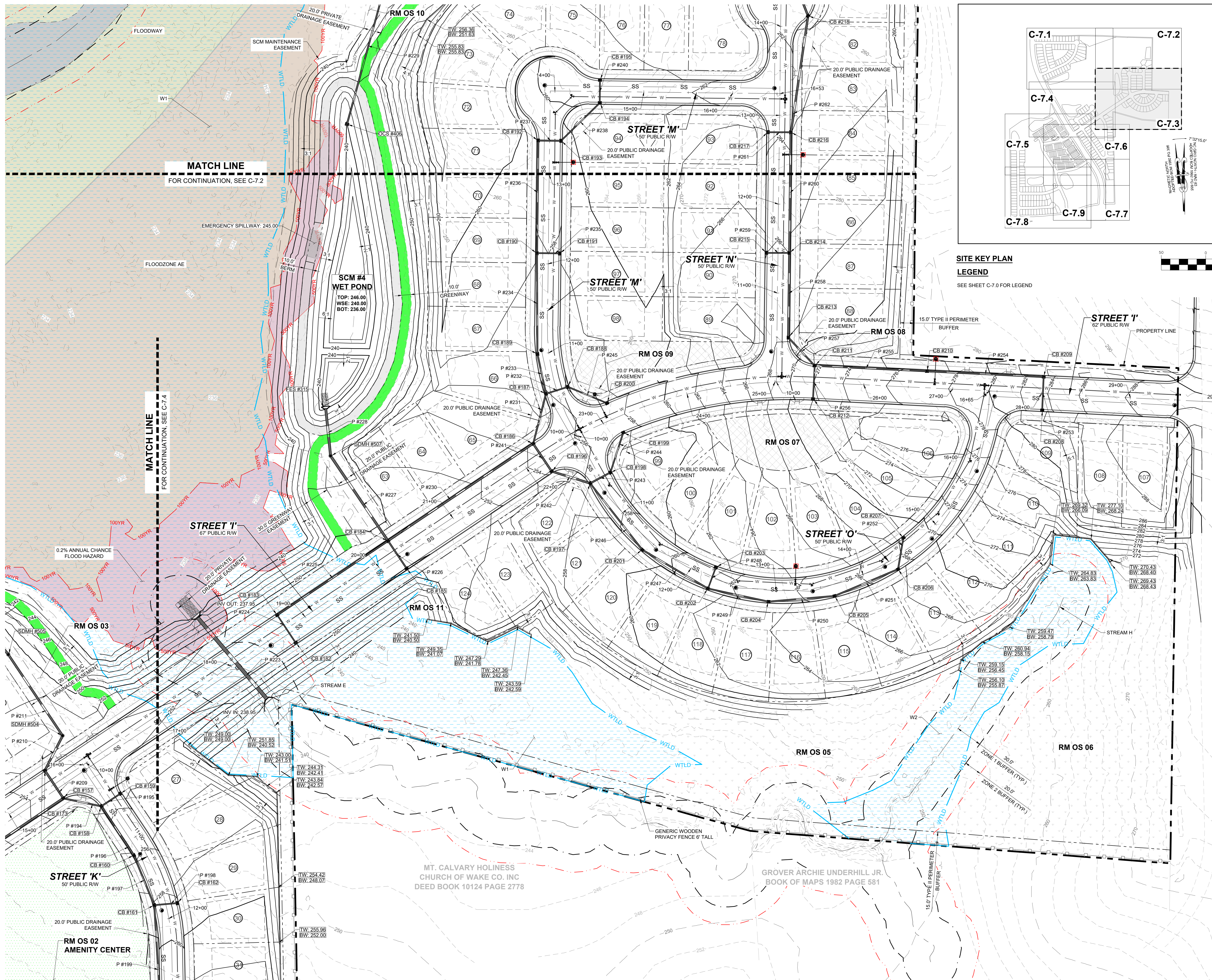
**STRONGROCK**  
ENGINEERING GROUP  
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

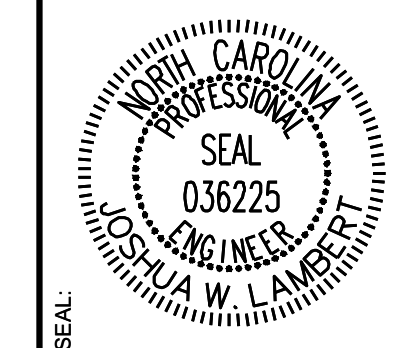
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL GRADING AND DRAINAGE PLAN II

DRAWING SHEET  
**C-7.2**

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NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS PSP-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS PSP-24-03	03/01/2024	SREG



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

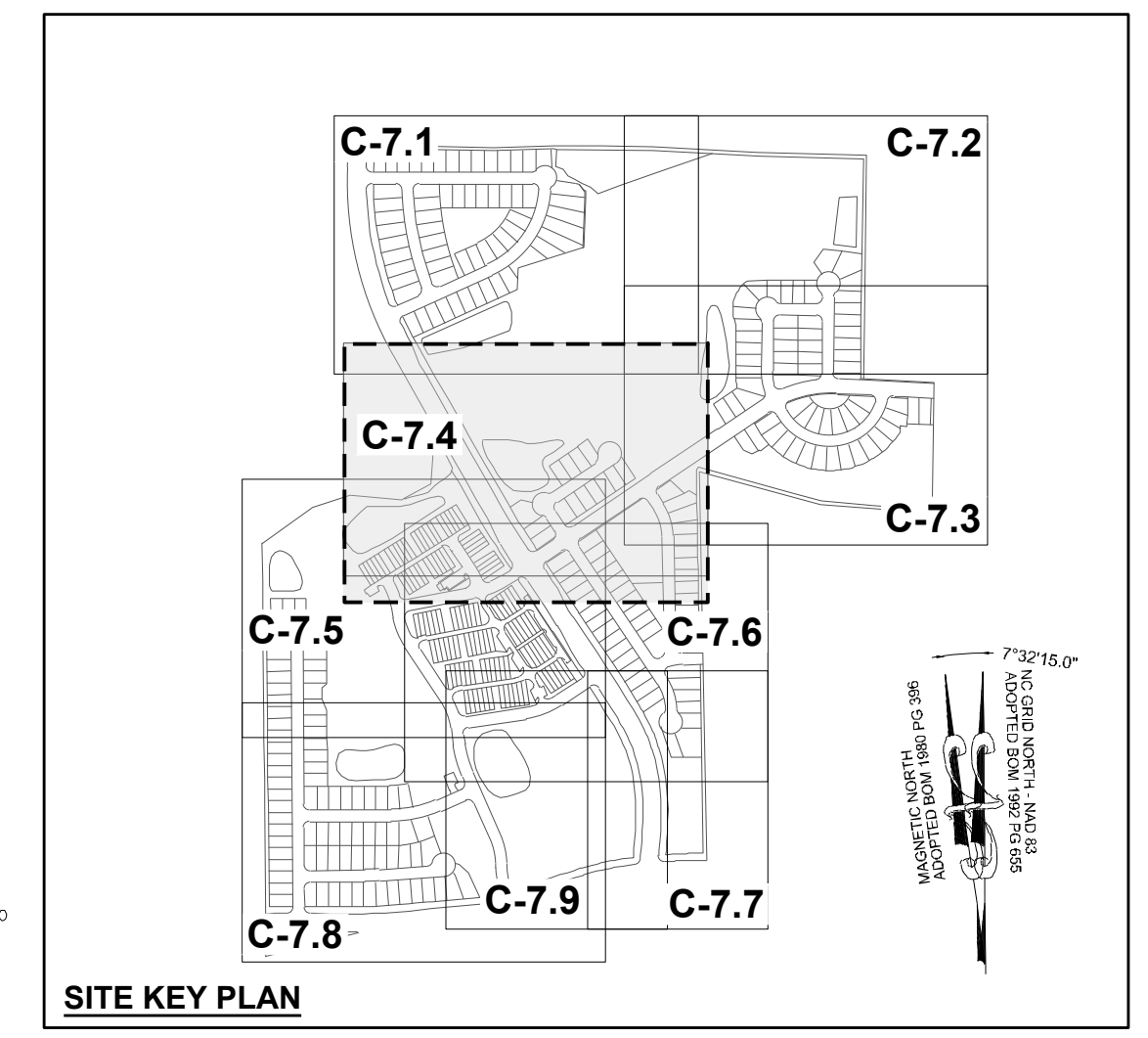
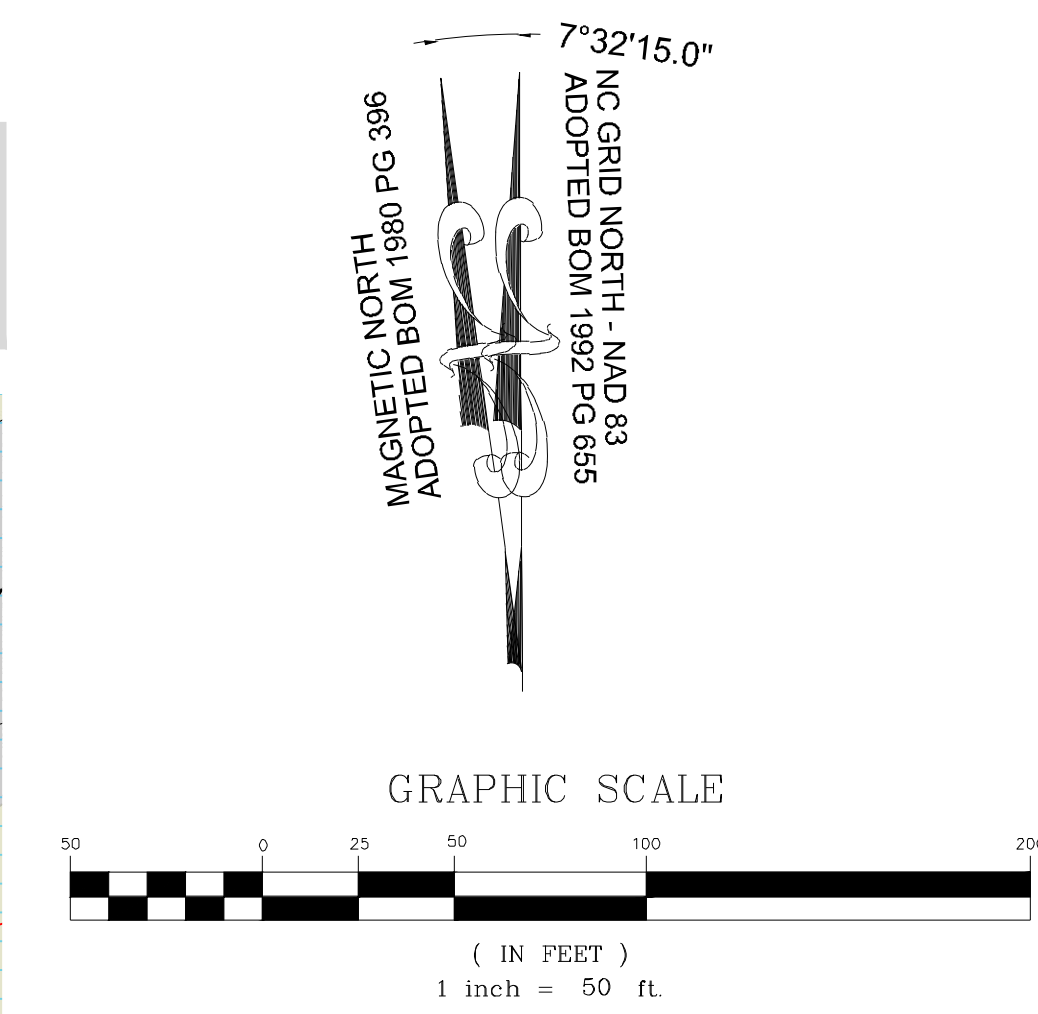
STRONG ROCK PROJECT PSP-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL GRADING AND DRAINAGE PLAN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

DRAWING SHEET  
**C-7.3**

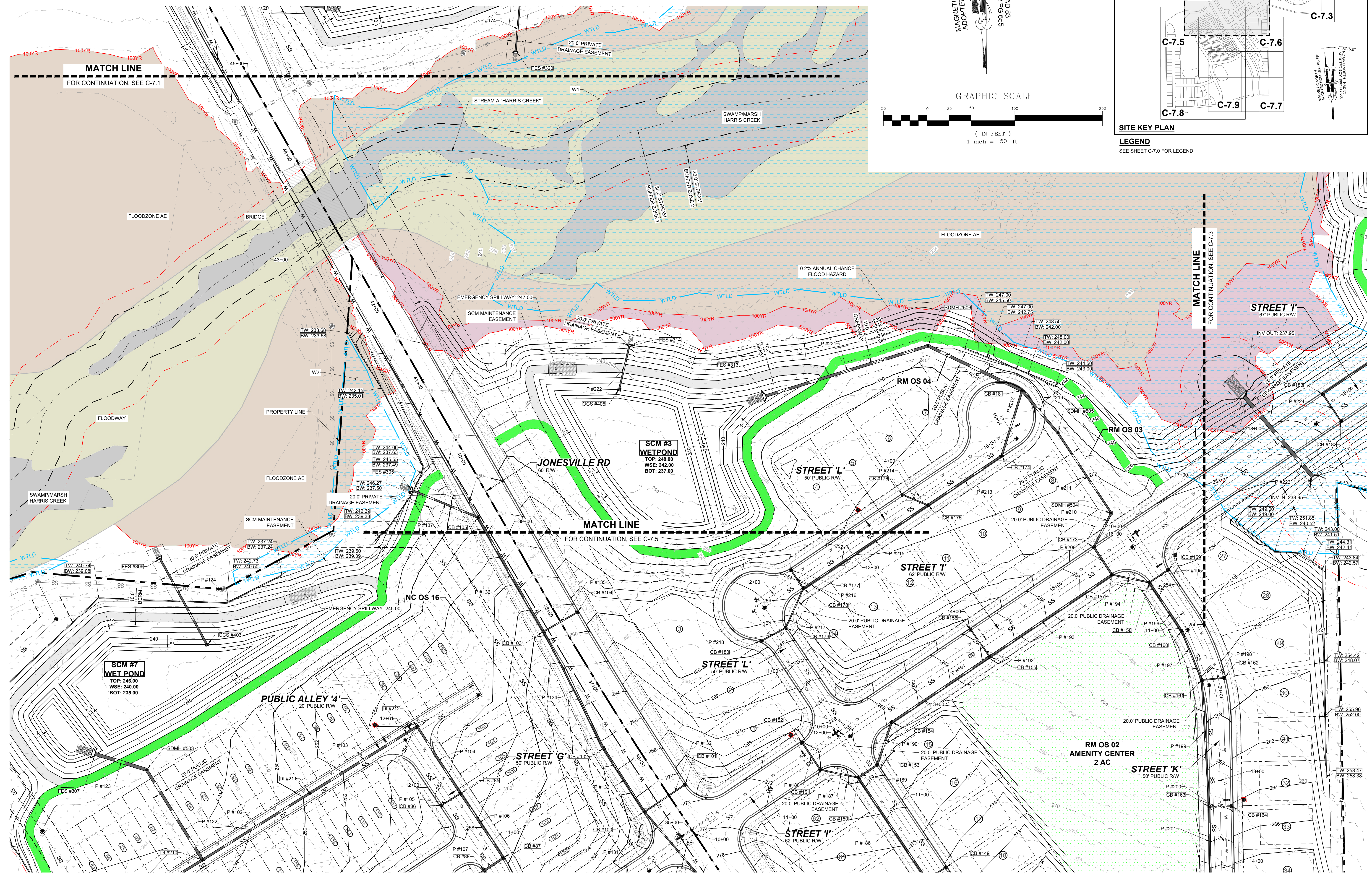
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**TOWNHOME NOTES:**  
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



NO.	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT P-24-03	
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS P-24-03	
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS P-24-03	

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER 036225 JULIA W. LAMBERT



**SITE KEY PLAN**  
LEGEND  
SEE SHEET C-7.0 FOR LEGEND

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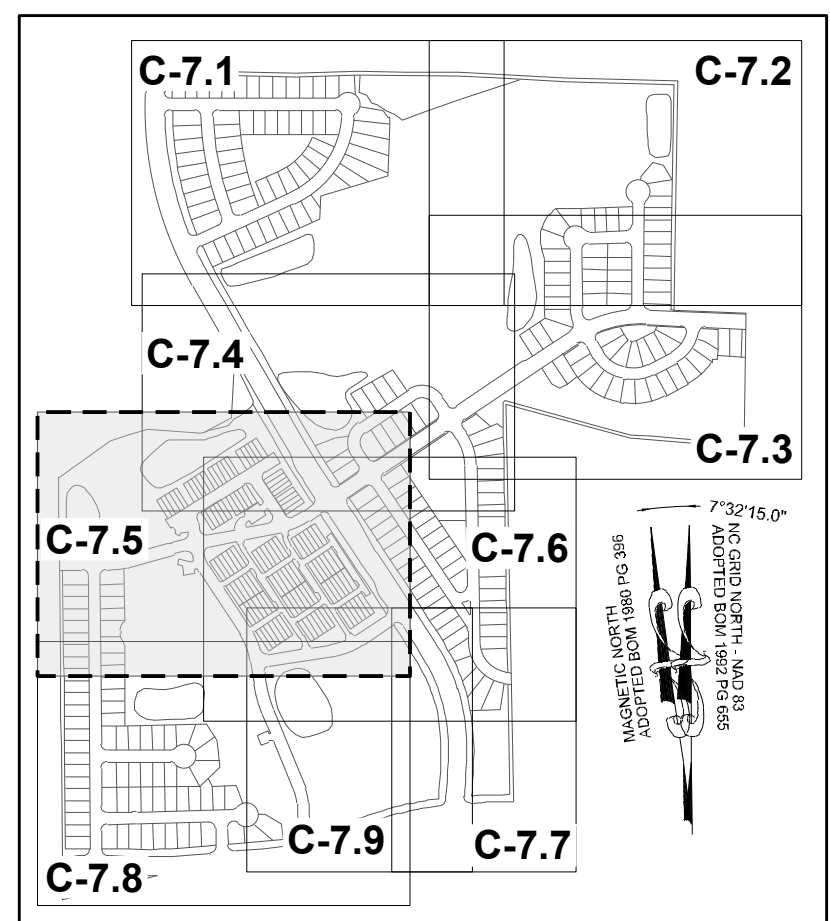
STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
PSP-24-03	AS SHOWN	JWL	SRG	JWL

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

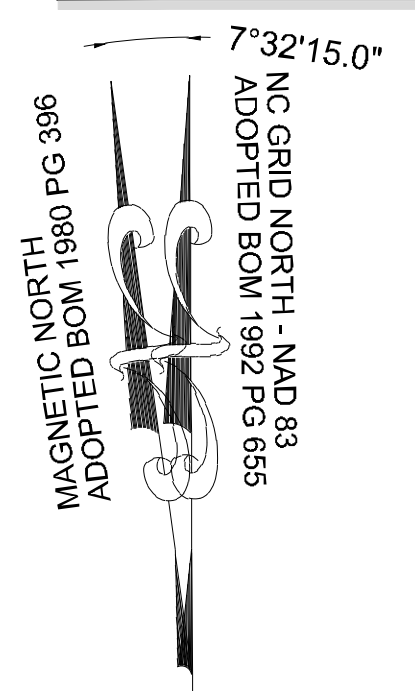
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**C-7.4**

45 OF 76

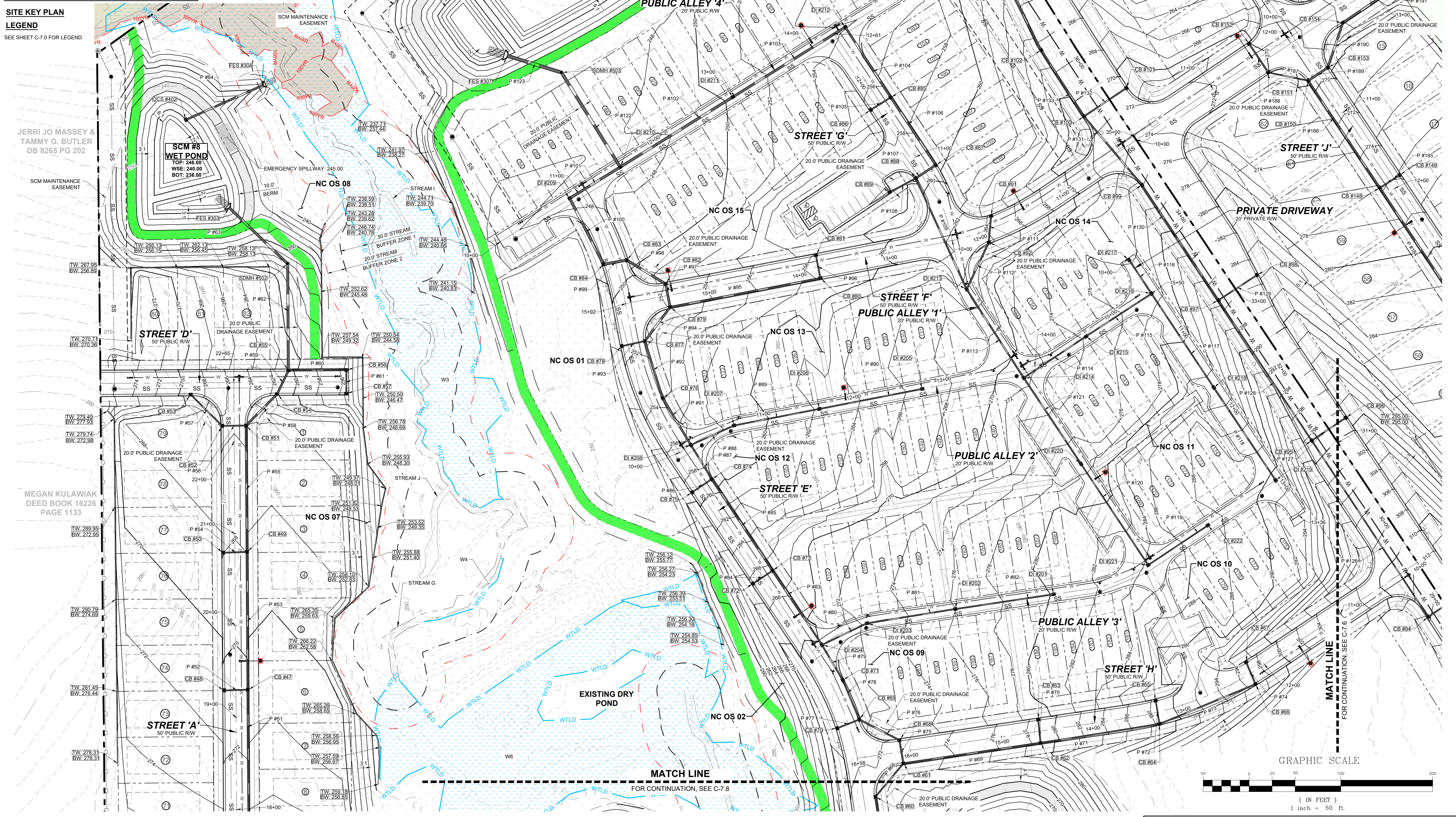
THIS PLANSET AND ANY ASSOCIATED DOCUMENTS ARE PRELIMINARY AND NOT AUTHORIZED FOR CONSTRUCTION UNTIL SIGNED, DATED, AND OFFICIALLY RELEASED FOR CONSTRUCTION BY THE ENGINEER OF RECORD.



**TOWNHOME NOTES:**  
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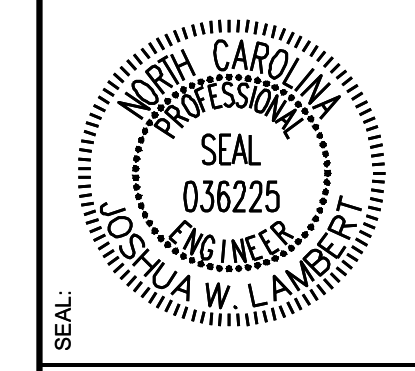
**SITE KEY PLAN**  
**LEGEND**  
 SEE SHEET C-7.0 FOR LEGEND



JERRI JO MASSEY &  
 TAMMY G. BUTLER  
 DB 8265 PG 202

MEGAN KULAWIAK  
 DEED BOOK 16226  
 PAGE 1133

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	ISREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	ISREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	ISREG



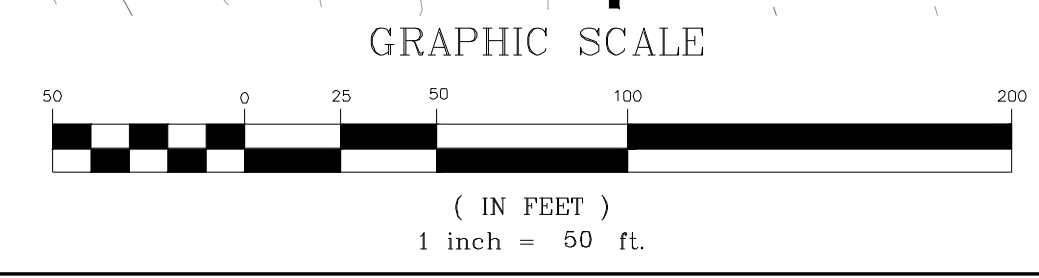
**STRONGROCK**  
 ENGINEERING GROUP

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

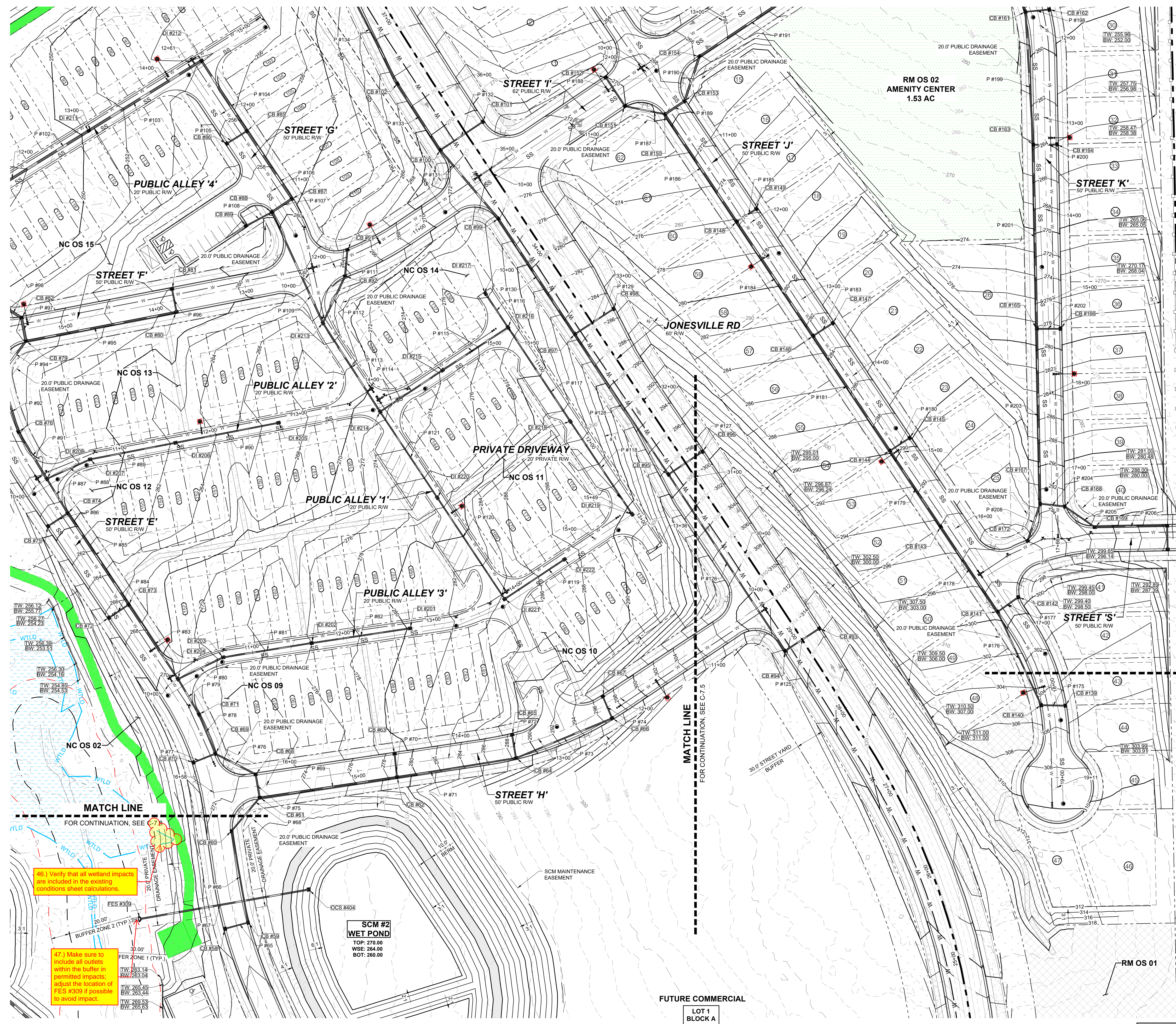
STRONG ROCK PROJECT P-24-03	FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL GRADING AND  
 DRAINAGE PLAN V

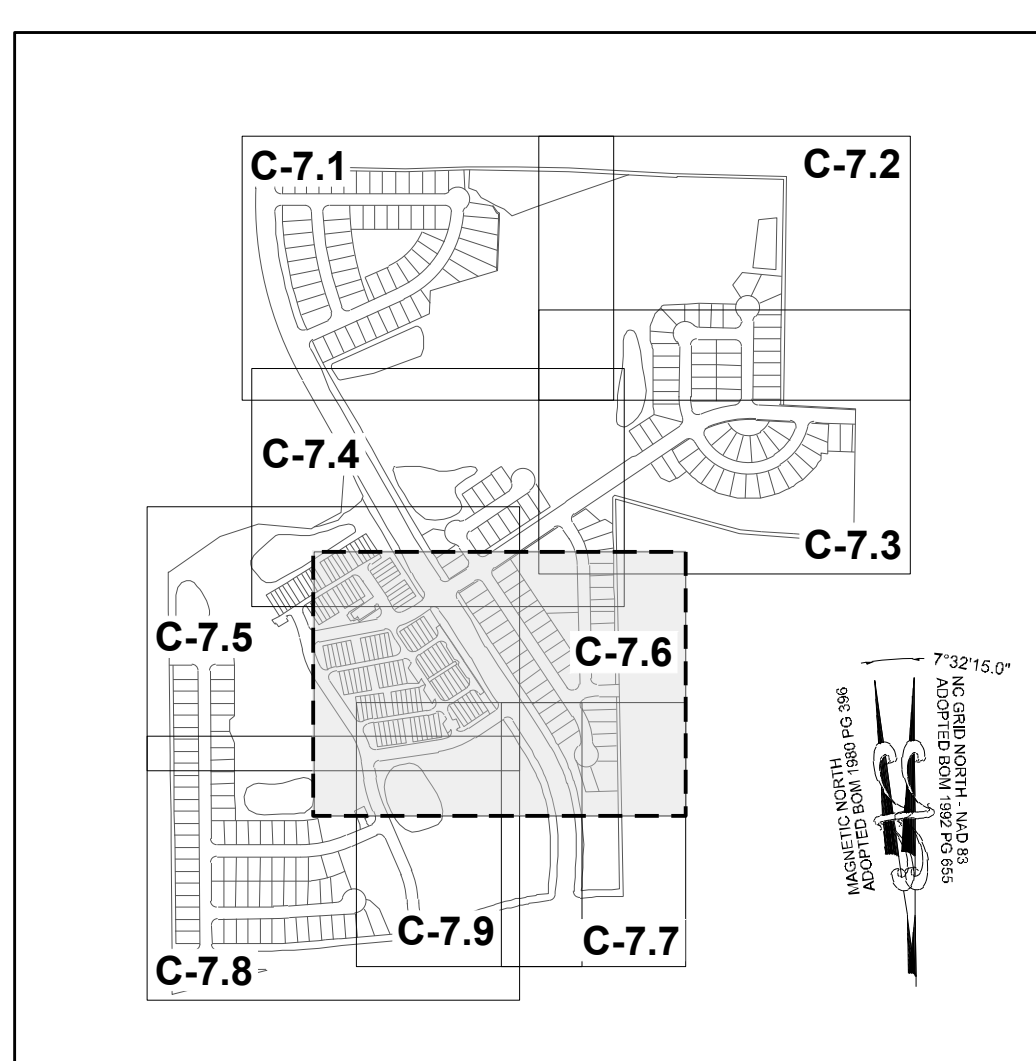
DRAWING SHEET  
**C-7.5**  
 46 OF 76



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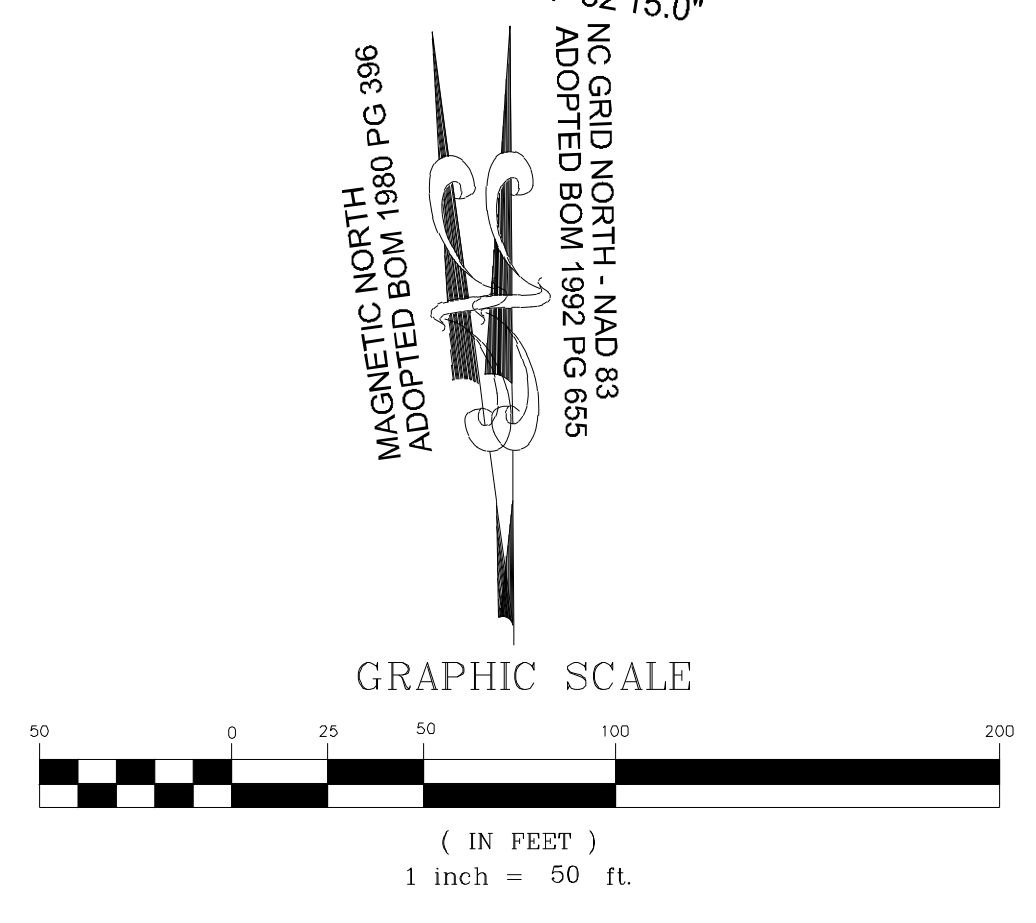
**TOWNHOME NOTES:**  
 STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



**SITE KEY PLAN**

**LEGEND**

SEE SHEET C-7.0 FOR LEGEND

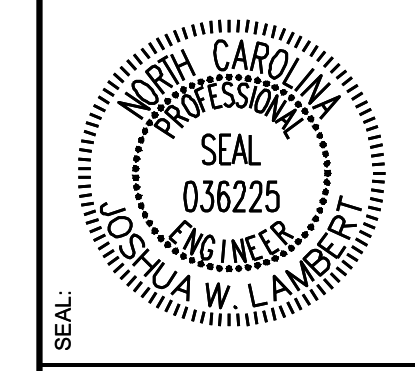


**MATCH LINE**  
 FOR CONTINUATION, SEE C-7.7

46.) Verify that all wetland impacts are included in the existing conditions sheet calculations.

47.) Make sure to include all outlets within the buffer in permitted impacts; adjust the location of FES #309 if possible to avoid impact.

NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SRG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SRG

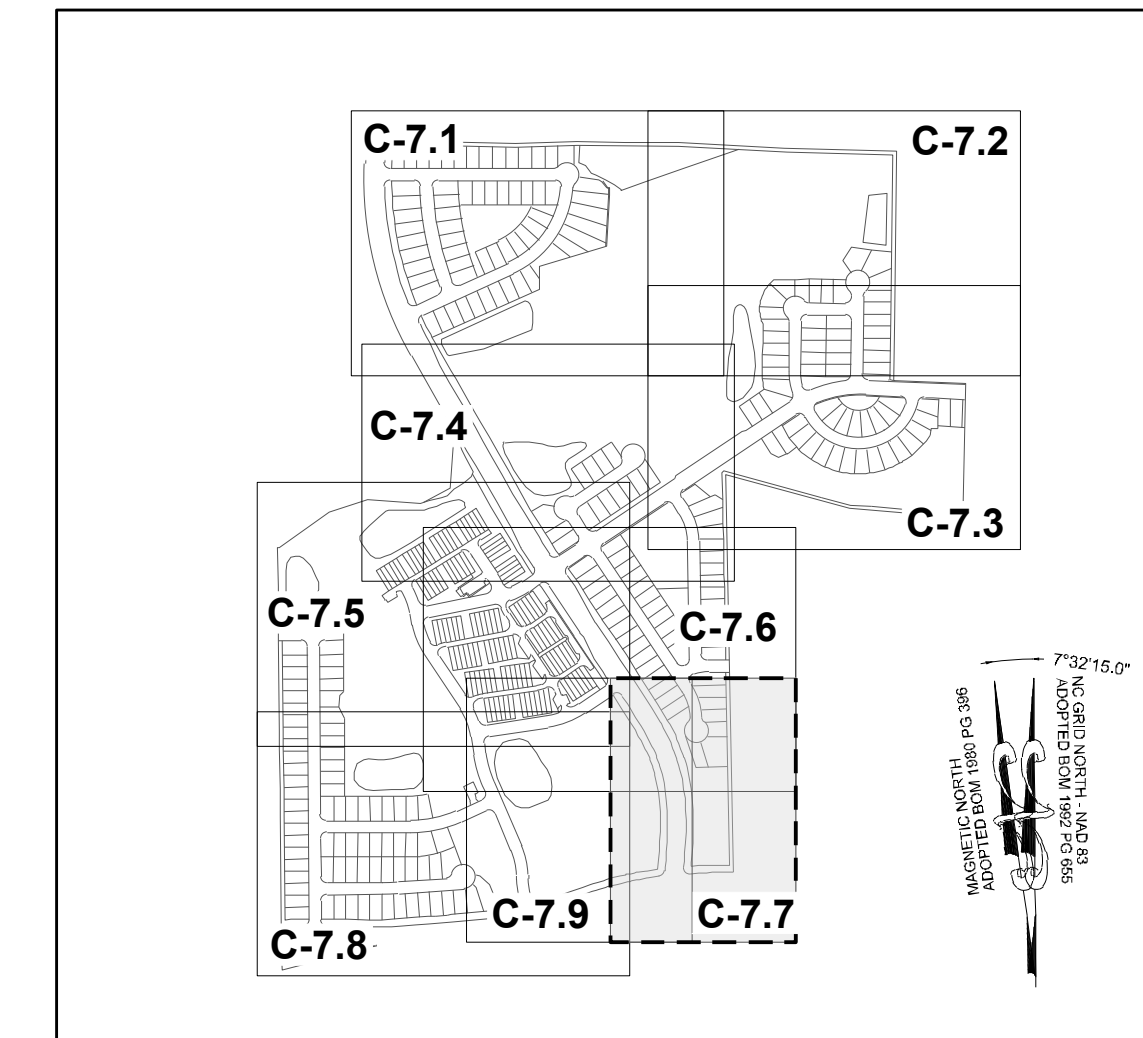
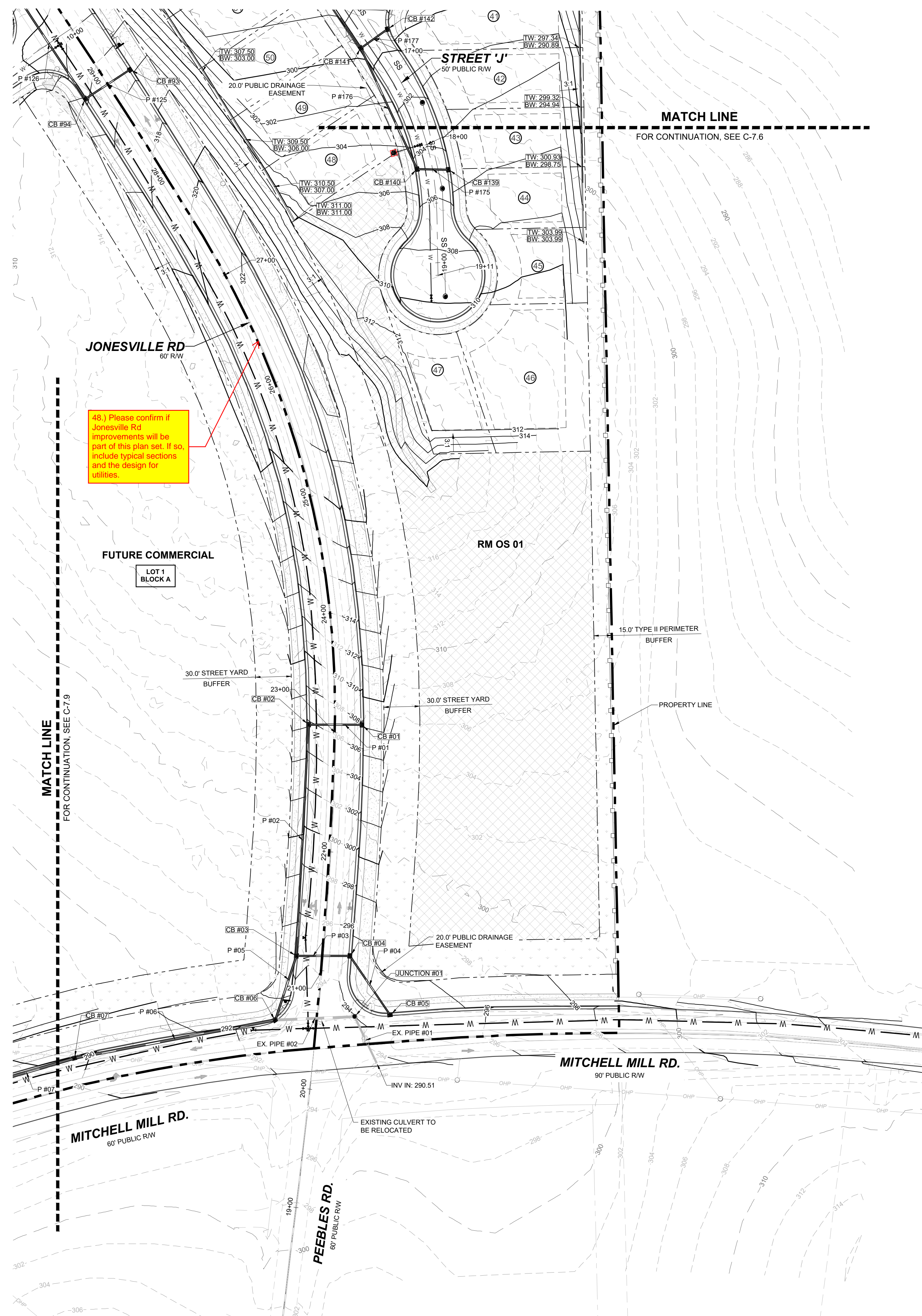


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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

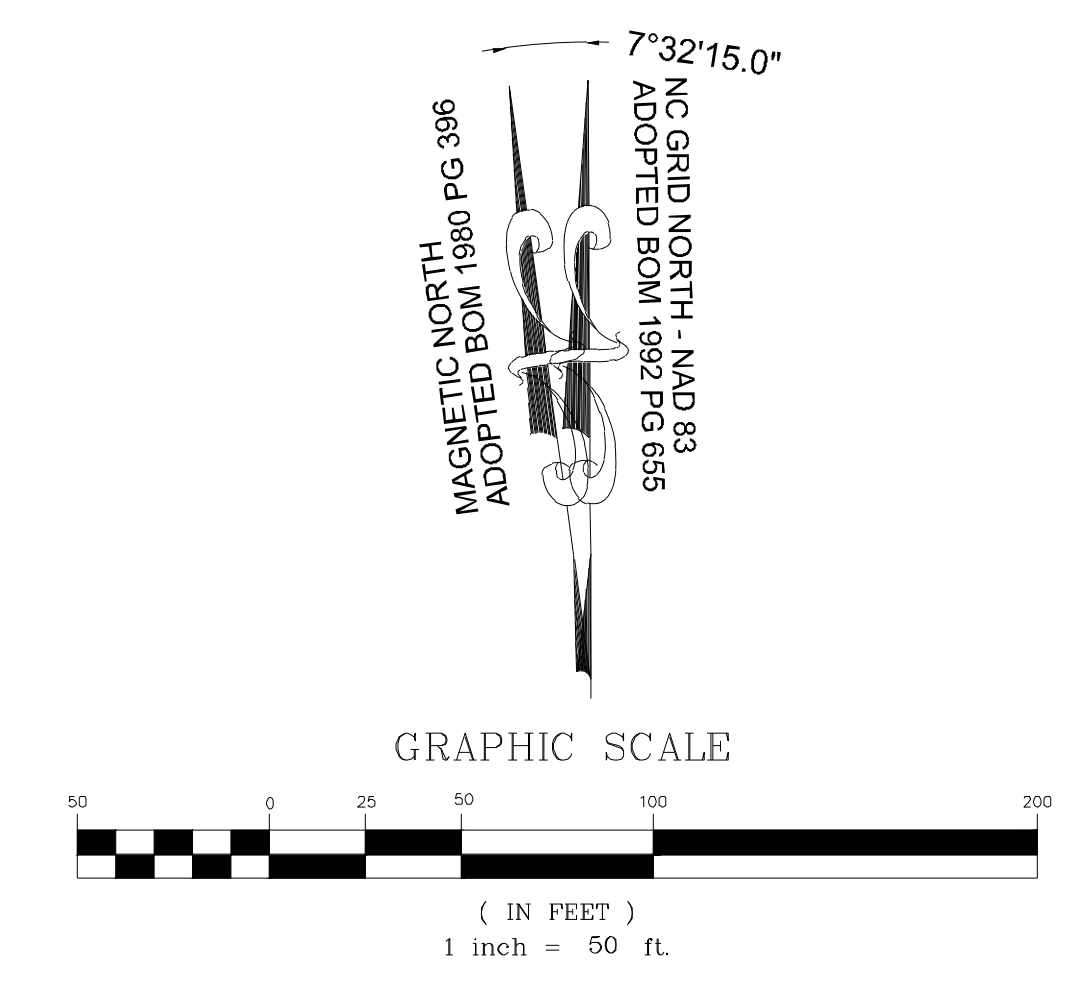
STRONG ROCK PROJECT P-24-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	SRG	DRAWN BY	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL GRADING AND DRAINAGE PLAN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

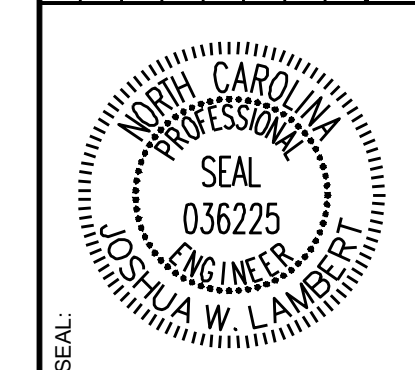
DRAWING SHEET  
**C-7.6**



**SITE KEY PLAN**  
**LEGEND**  
 SEE SHEET C-7.9 FOR LEGEND



NO.	DATE	REVISIONS	BY
01	08/01/2023	PRELIMINARY SUBDIVISION PLAT P-24-03	
02	12/05/2023	TOWN OF ROLESVILLE COMMENTS P-24-03	
03	03/01/2024	TOWN OF ROLESVILLE COMMENTS P-24-03	



**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	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

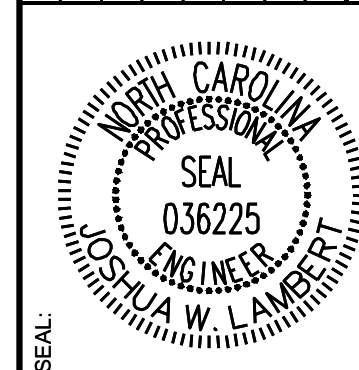
**RESERVE @ MITCHELL MILL**  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
**PRELIMINARY SUBDIVISION PLAT**  
**PARTIAL GRADING AND DRAINAGE PLAN VII**

DRAWING SHEET  
**C-7.7**

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



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT PSP-25-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE COMMENTS PSP-25-03	12/05/2023	SRG
03	TOWN OF ROLESVILLE COMMENTS PSP-25-03	03/01/2024	SRG



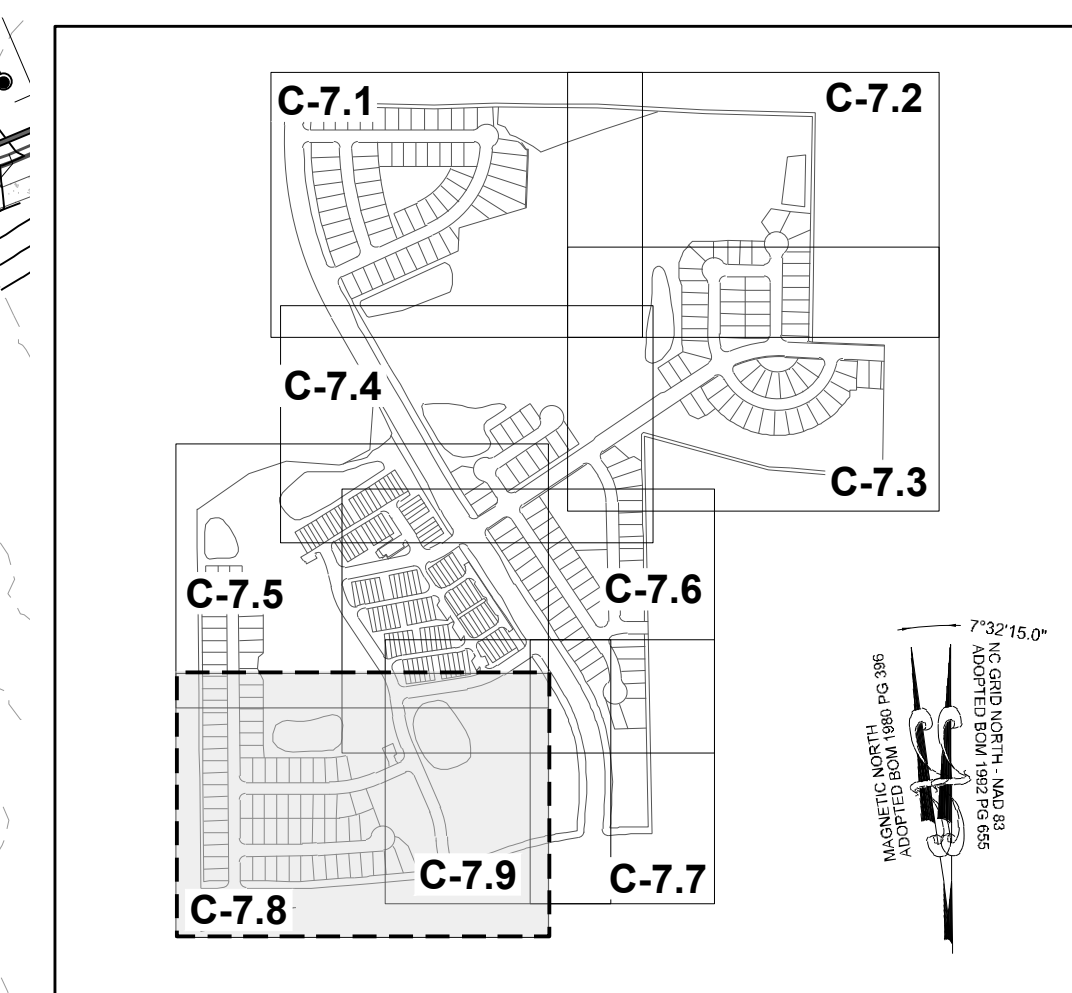
**STRONGROCK**  
ENGINEERING GROUP

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

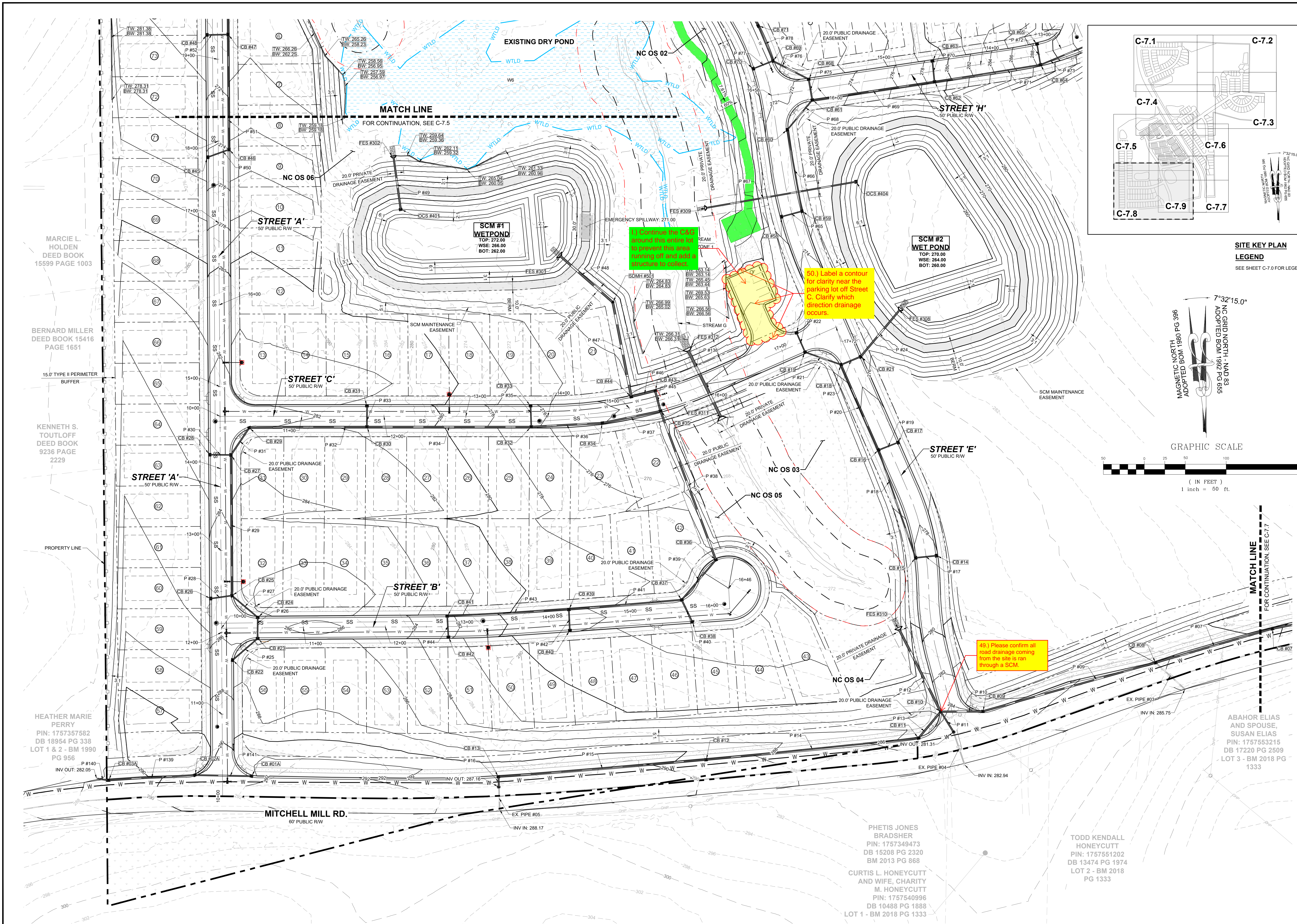
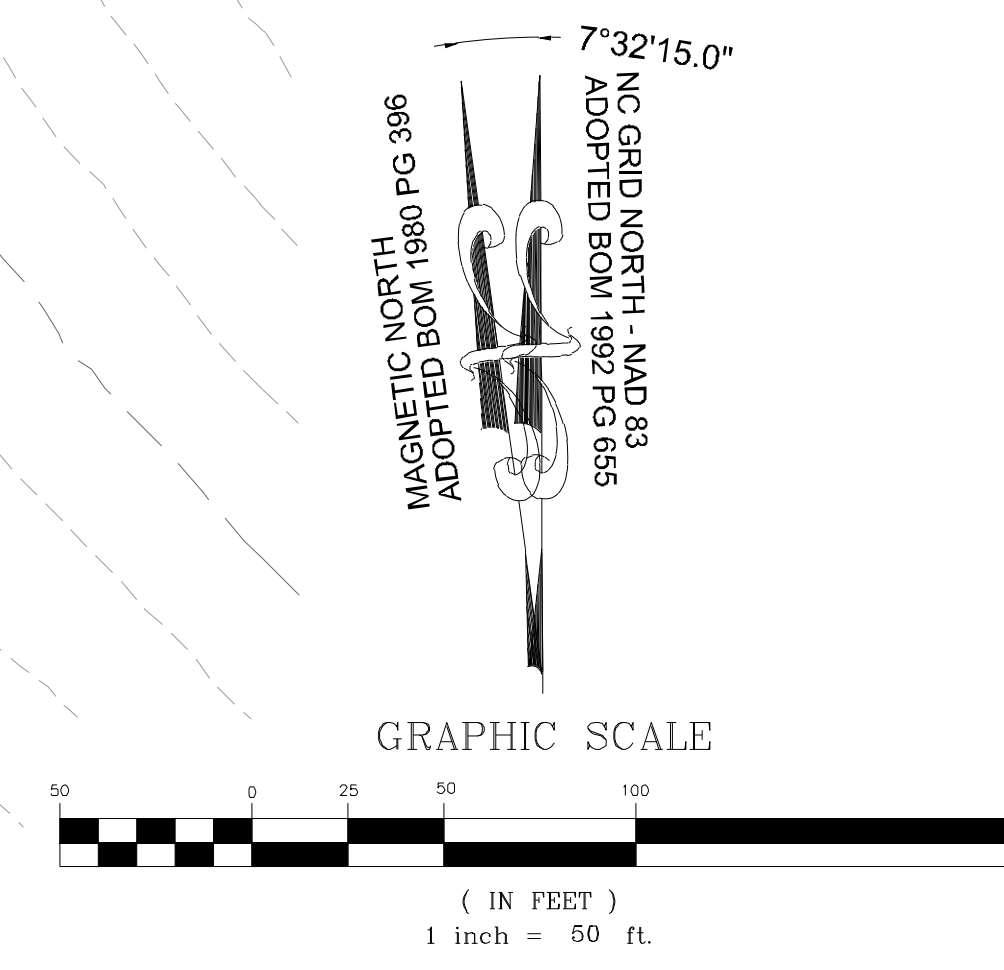
STRONG ROCK PROJECT PSP-25-03	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL GRADING AND DRAINAGE PLAN VIII

DRAWING SHEET  
**C-7.8**



**SITE KEY PLAN**  
LEGEND  
SEE SHEET C-7.0 FOR LEGEND



49.) Confirm the C-7.8 around the wet pond to ensure the water is flowing in the direction of the road and not into the wet pond.

50.) Label a contour for clarity near the parking lot off Street C. Clarify which direction drainage occurs.

49.) Please confirm all road drainage coming from the site is run through a SCM.

MARCI L. HOLDEN  
DEED BOOK 15599 PAGE 1003

BERNARD MILLER  
DEED BOOK 15416 PAGE 1651

KENNETH S. TOUTLOFF  
DEED BOOK 9236 PAGE 2229

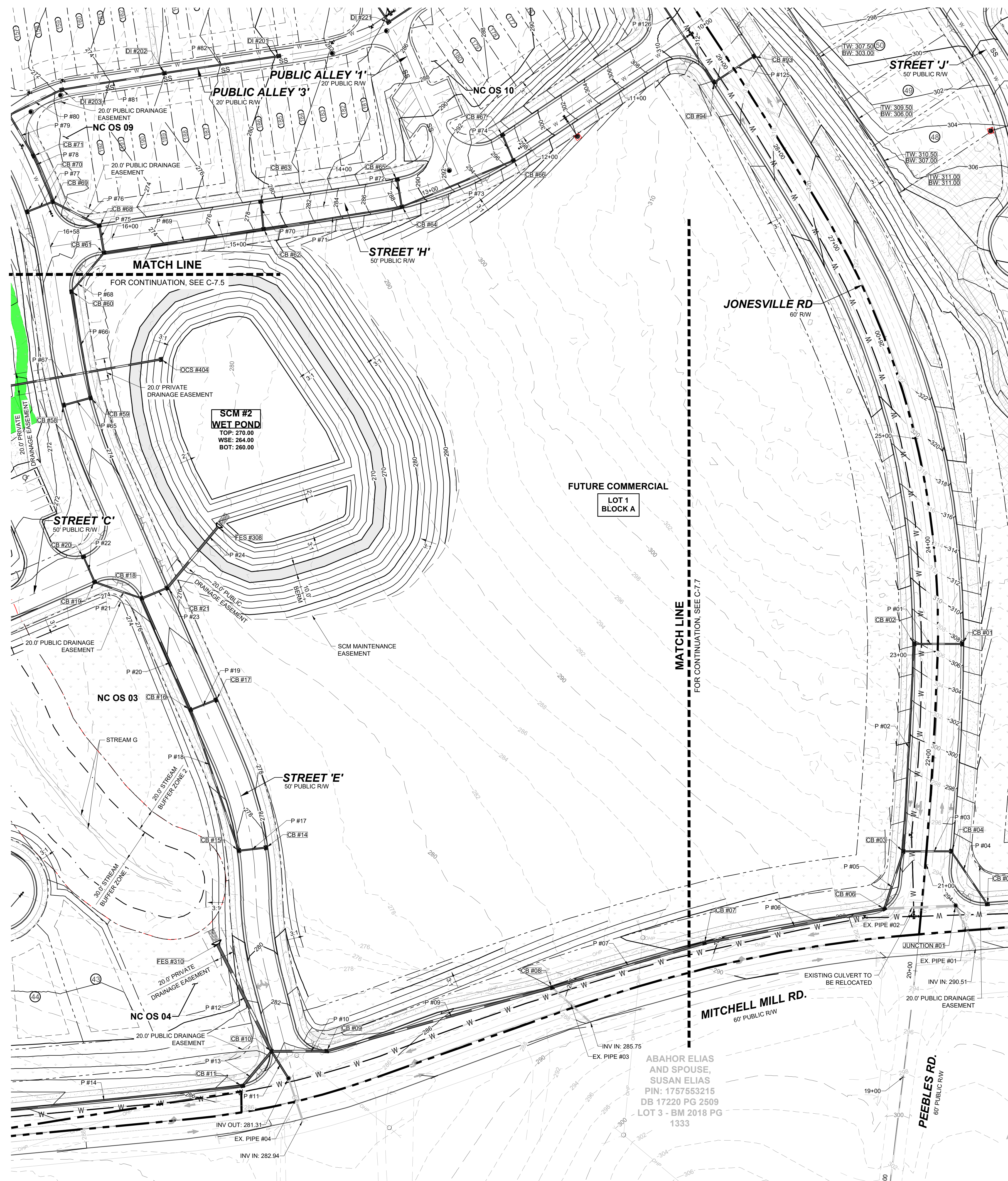
HEATHER MARIE PERRY  
PIN: 1757357582  
DB 18954 PG 338  
LOT 1 & 2 - BM 1990 PG 956

PHETIS JONES BRADSHER  
PIN: 1757349473  
DB 15208 PG 2320  
BM 2013 PG 868

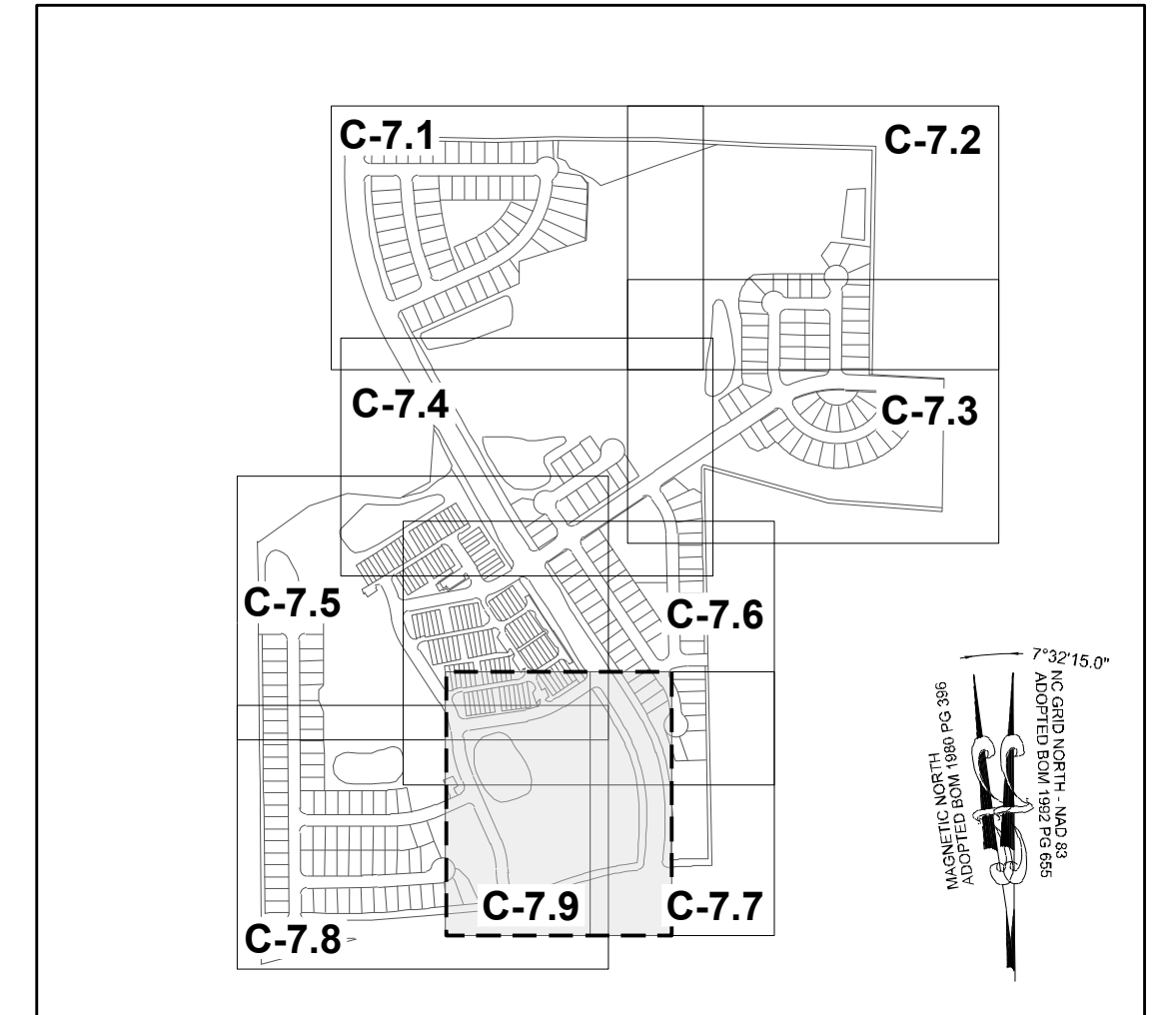
CURTIS L. HONEYCUTT AND WIFE, CHARITY M. HONEYCUTT  
PIN: 1757540996  
DB 10488 PG 1888  
LOT 1 - BM 2018 PG 1333

TODD KENDALL HONEYCUTT  
PIN: 1757551202  
DB 13474 PG 1974  
LOT 2 - BM 2018 PG 1333

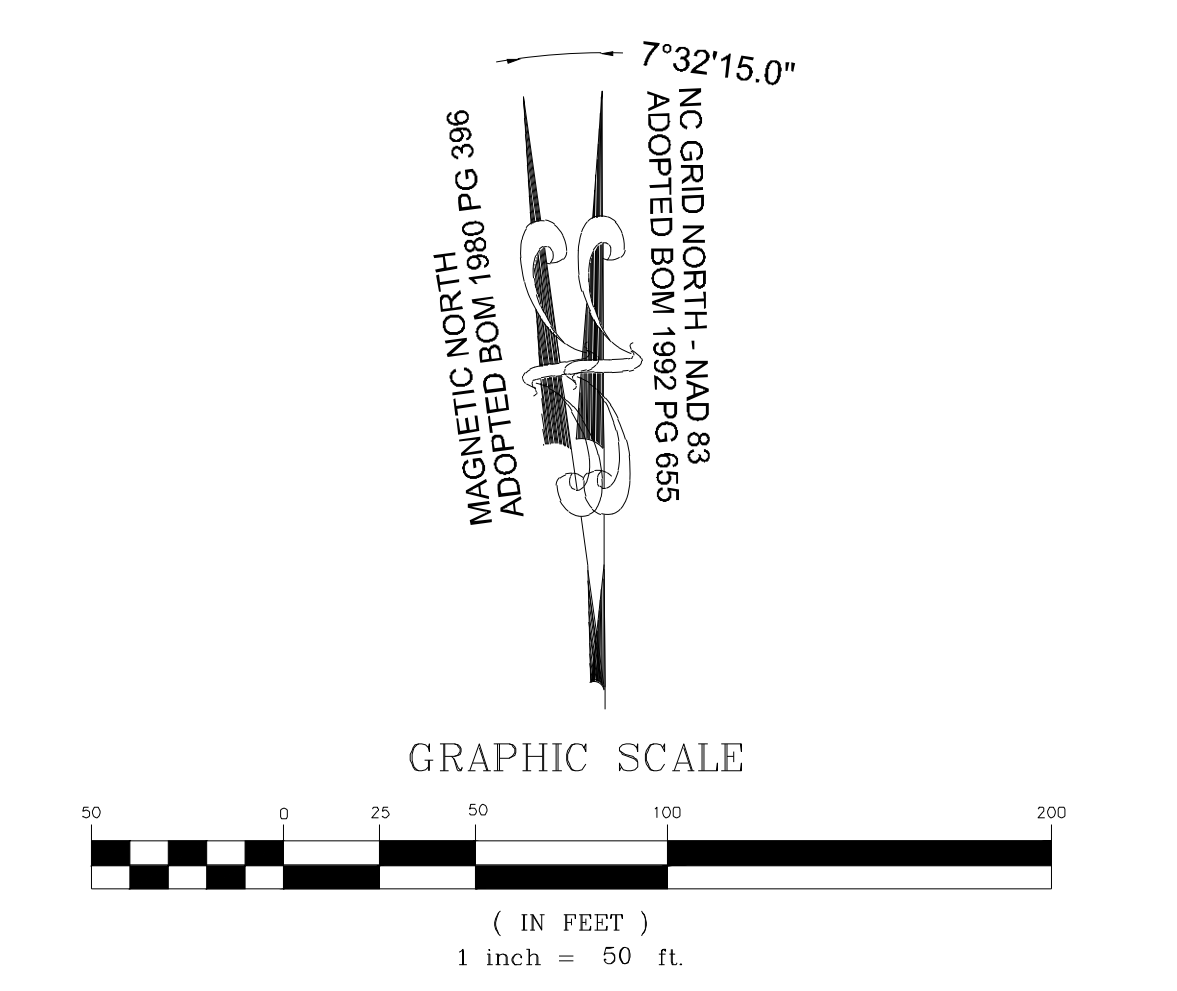
ABAHOR ELIAS AND SPOUSE, SUSAN ELIAS  
PIN: 1757553215  
DB 17220 PG 2509  
LOT 3 - BM 2018 PG 1333



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

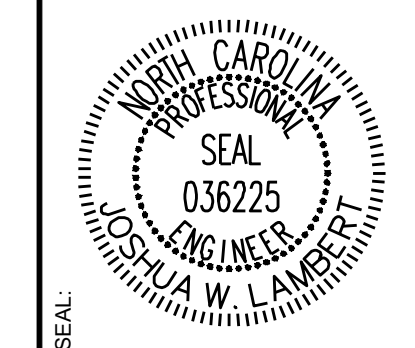


**SITE KEY PLAN**  
**LEGEND**  
 SEE SHEET C-7.0 FOR LEGEND



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NO.	REVISIONS	DATE	BY
01			
02			
03			



**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-25-03	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 IX**

**DRAWING SHEET**  
**C-7.9**

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include EX. PIPE #01 to P #20.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #23 to P #44.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #45 to P #69.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #147 to P #171.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #172 to P #196.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #197 to P #221.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #70 to P #100.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #101 to P #124.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #125 to P #146.

PIPE TABLE with columns: PIPE NO, TYPE, SIZE, LF, INV. IN, INV. OUT, GRADE. Rows include P #222 to P #245.

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

1) With the CI cut, street and utility profiles will be required. Please make sure to include the following items:
a. Minimum cover over pipe
b. Minimum separation between existing pipes
c. Pipe slope, invert, rise and runs
d. Minimum cover over manholes, catch basins and vaults
e. Existing ground and proposed ground
f. Vertical curve lengths shall be in increments of 50'
g. K values and maximum street grades shall be defined by storm classification per NCDOT Subdivision Storm Drainage Design Manual

Revision table with columns: No., Description, Date, By.

Professional Engineer Seal for Mitchell Mill, North Carolina, License # 036225.

STRONGROCK ENGINEERING GROUP logo and project information including drawing title 'STORM DRAINAGE TABLES' and sheet number '51 OF 76'.

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

CATCH BASIN TABLE table with columns CB NO, SIZE, TOP, INV. IN, INV. OUT

DROP INLET TABLE table with columns DI NO, SIZE, TOP, INV. IN, INV. OUT

FES TABLE table with columns FES NO, SIZE, TOP, INV. IN, INV. OUT

OCS TABLE table with columns OCS NO, SIZE, TOP, INV. OUT

YARD INLET TABLE table with columns YI NO, SIZE, TOP, INV. IN, INV. OUT

SDMH TABLE table with columns SDMH NO, SIZE, TOP, INV. IN, INV. OUT

Professional Engineer Seal for Mitch Mitchell, State of North Carolina, License # 036225

STRONGROCK ENGINEERING GROUP logo and contact information

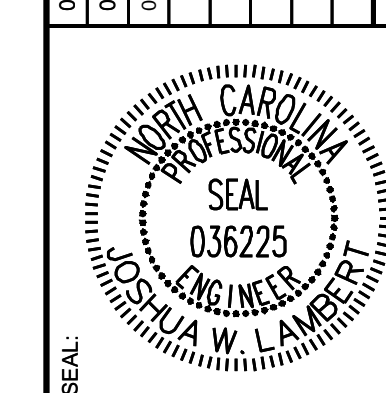
RESERVE @ MITCHELL MILL TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA PRELIMINARY SUBDIVISION PLAT STORM DRAINAGE TABLES

DRAWING SHEET C-7.11

PLANT SCHEDULE								
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	HEIGHT	CONTAINER	CALIPER	MIN. SPACING
<b>STREET TREES</b>								
	ACE FLD	56	ACER FLORIDANUM	SOUTHERN SUGAR MAPLE	12' HT.	B&B	3.0"	40' OC
	ACE SCR	36	ACER X FREEMANII 'SCARSEN'	SCARLET SENTINEL® RED MAPLE	12' HT.	B&B	3.0"	40' OC
	CAR FST	19	CARPINUS BETULUS 'FASTIGIATA'	UPRIGHT EUROPEAN HORNBEAM	12' HT.	B&B	3.0"	40' OC
	CLA LUT	49	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	39	GLEDTISIA TRIACANTHOS F. INERMIS	THORNLESS HONEY LOCUST	12' HT.	B&B	3.0"	40' OC
	NYS SYL	42	NYSSA SYLVATICA	TUPELO	12' HT.	B&B	3.0"	40' OC
	PIS SAR	49	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	47	QUERCUS BICOLOR 'BONNIE AND MIKE'	BEACON® OAK	12' HT.	B&B	3.0"	40' OC
	QUE UIY	31	QUERCUS HEMISPHAERICA 'QHMTF'	AVALYN™ LAUREL OAK	12' HT.	B&B	3.0"	40' OC
	QUE SHU	49	QUERCUS SHUMARDII	SHUMARD OAK	12' HT.	B&B	3.0"	40' OC
	TIL AME	58	TILIA AMERICANA	AMERICAN LINDEN	12' HT.	B&B	3.0"	40' OC
<b>SUBTOTAL:</b>		<b>528</b>						
<b>UNDERSTORY BUFFER</b>								
	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	60	LAGERSTROEMIA INDICA X FAURIEI 'COMANCHE'	COMANCHE CRAPE MYRTLE	6' HT.	B&B	3.0"	MULTI STEM
	LAG TON	16	LAGERSTROEMIA INDICA X FAURIEI 'TONTO'	TONTO CRAPE MYRTLE MULTI-TRUNK	6' HT.	B&B	3.0"	MULTI STEM
<b>SUBTOTAL:</b>		<b>252</b>						

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

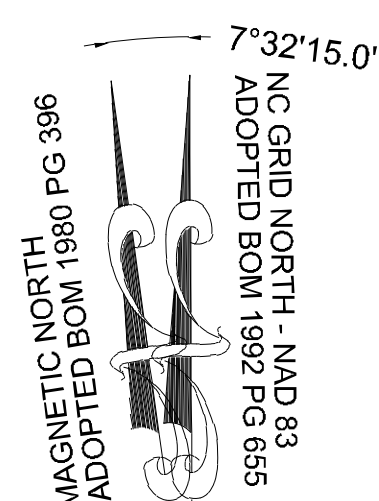
NO.	DATE	BY	REVISIONS
01	08/01/2023	JWL	PRELIMINARY SUBDIVISION PLAT P-24-03
02	12/05/2023	JWL	TOWN OF ROLESVILLE COMMENTS P-24-03
03	03/01/2024	JWL	TOWN OF ROLESVILLE COMMENTS P-24-03



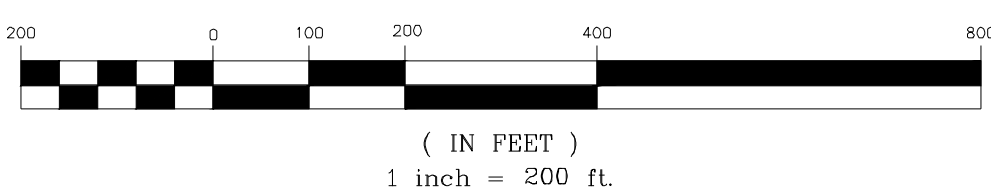
**STRONGROCK**  
ENGINEERING GROUP

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

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	DETAIL
<b>BUFFER SHRUBS</b>								
	ILE CON	466	ACER FLORIDANUM	CONVEX-LEAVED JAPANESE HOLLY	2' HT.	POT	48" O.C.	
	LOR 'C	516	LOROPETALUM CHINENSE RUBRUM 'CAROLINA MIDNIGHT'	CAROLINA MIDNIGHT FRINGE FLOWER	2' HT.	POT	48" O.C.	
	PRU CSL	503	PRUNUS LUSITANICA 'ANGUSTIFLOLIA'	PORTUGAL LAUREL	3 GAL.	POT	48" O.C.	
<b>SUBTOTAL:</b>		<b>1485</b>						



GRAPHIC SCALE



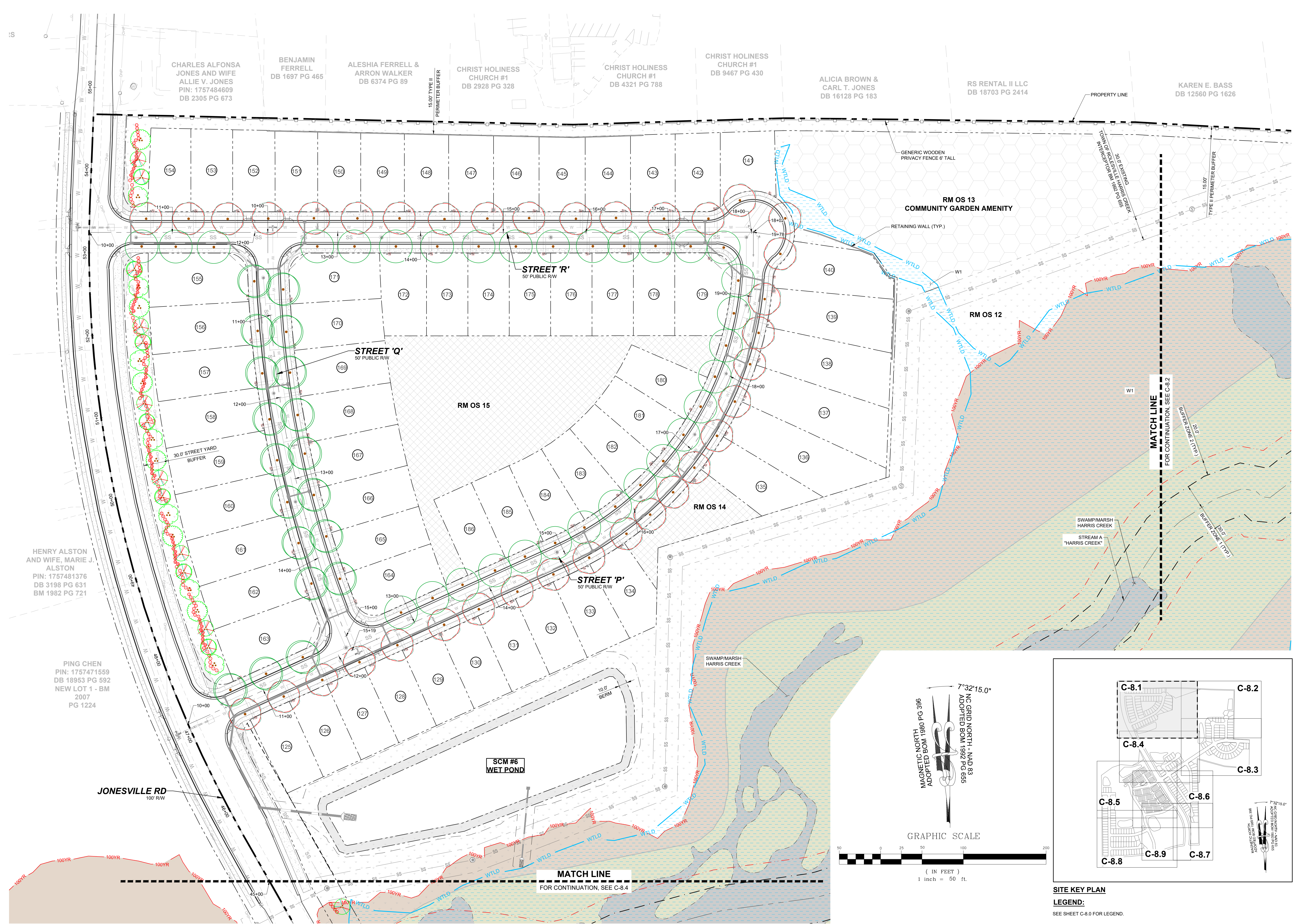
**GRO PEG ROAD**  
60' PRIVATE RW  
RECORDED BOOK OF MAPS 1980 PAGE 396

STRONG ROCK PROJECT P-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 PLAT  
OVERALL LANDSCAPE PLAN

DRAWING SHEET  
**C-8.0**

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CHARLES ALFONSA JONES AND WIFE ALLIE V. JONES PIN: 1757484609 DB 2305 PG 673

BENJAMIN FERRELL DB 1697 PG 465

ALESHIA FERRELL & ARRON WALKER DB 6374 PG 89

CHRIST HOLINESS CHURCH #1 DB 2928 PG 328

CHRIST HOLINESS CHURCH #1 DB 4321 PG 788

CHRIST HOLINESS CHURCH #1 DB 9467 PG 430

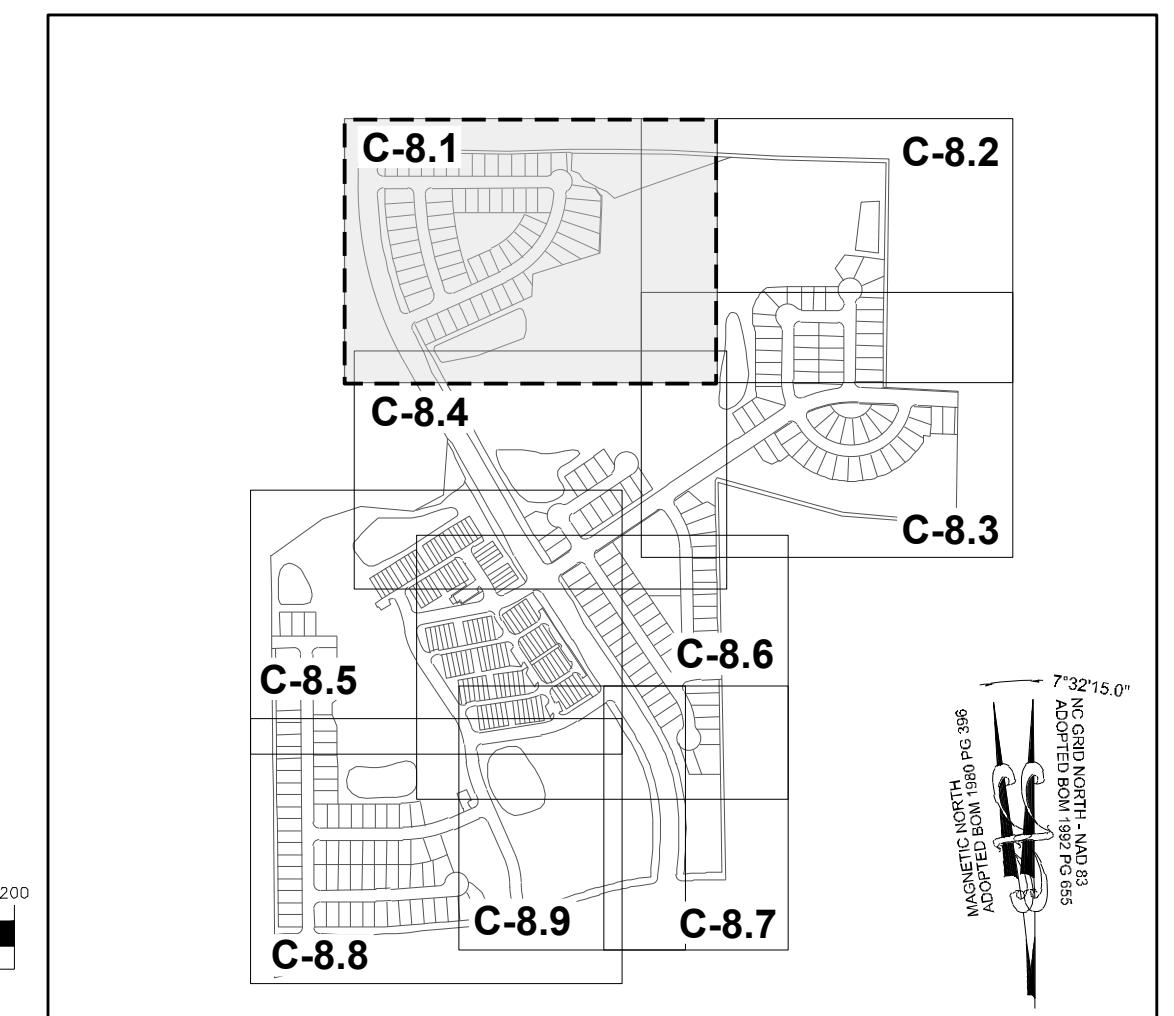
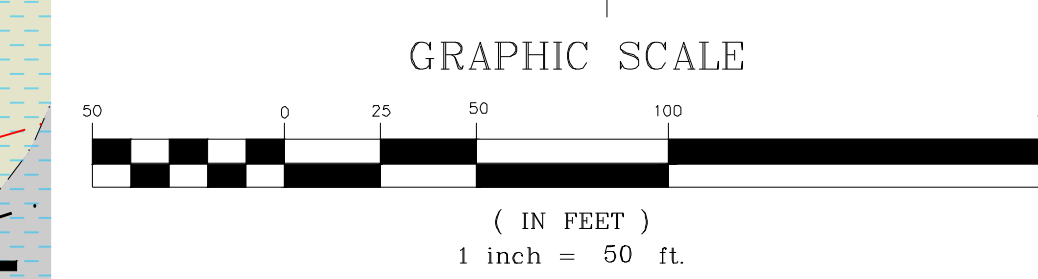
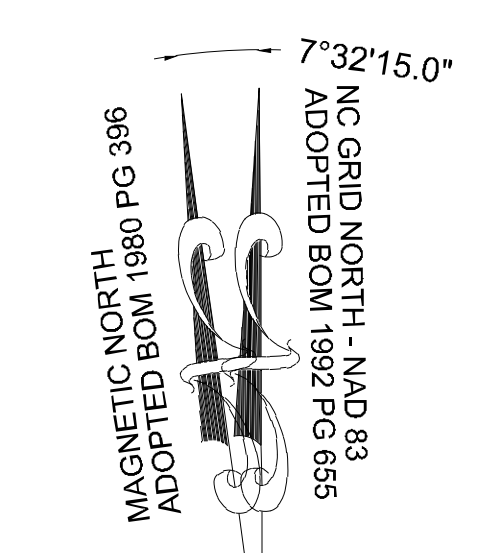
ALICIA BROWN & CARL T. JONES DB 16128 PG 183

RS RENTAL II LLC DB 18703 PG 2414

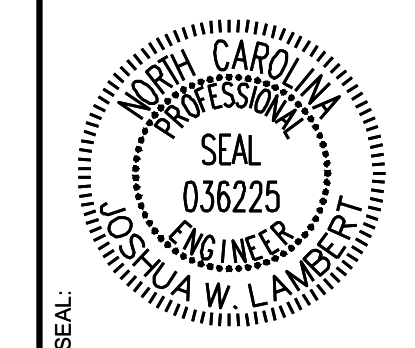
KAREN E. BASS DB 12560 PG 1626

HENRY ALSTON AND WIFE, MARIE J. ALSTON PIN: 1757481376 DB 3198 PG 631 BM 1982 PG 721

PING CHEN PIN: 1757471559 DB 18953 PG 592 NEW LOT 1 - BM 2007 PG 1224



NO.	REVISIONS	DATE	BY
01			
02			
03			



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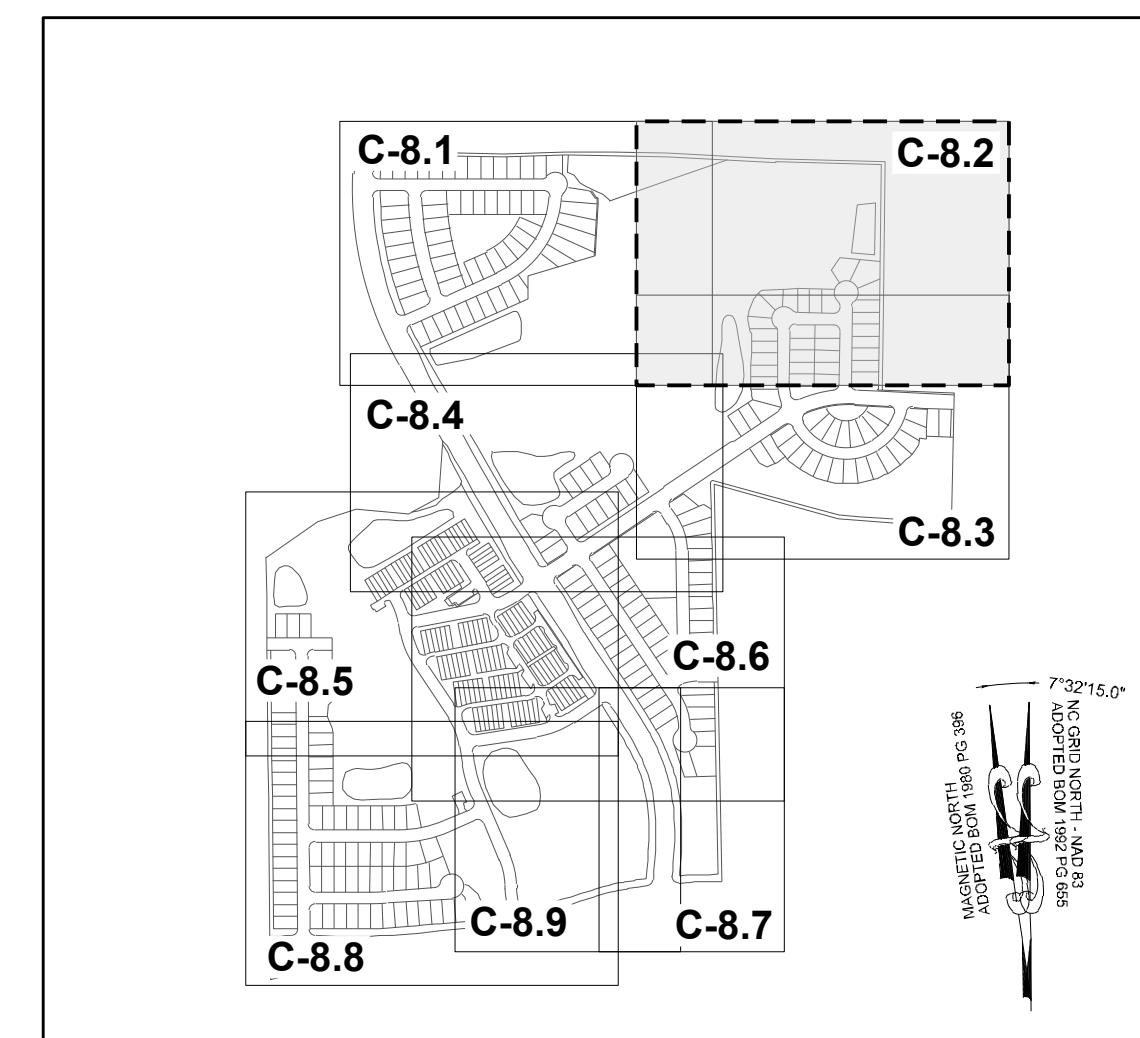
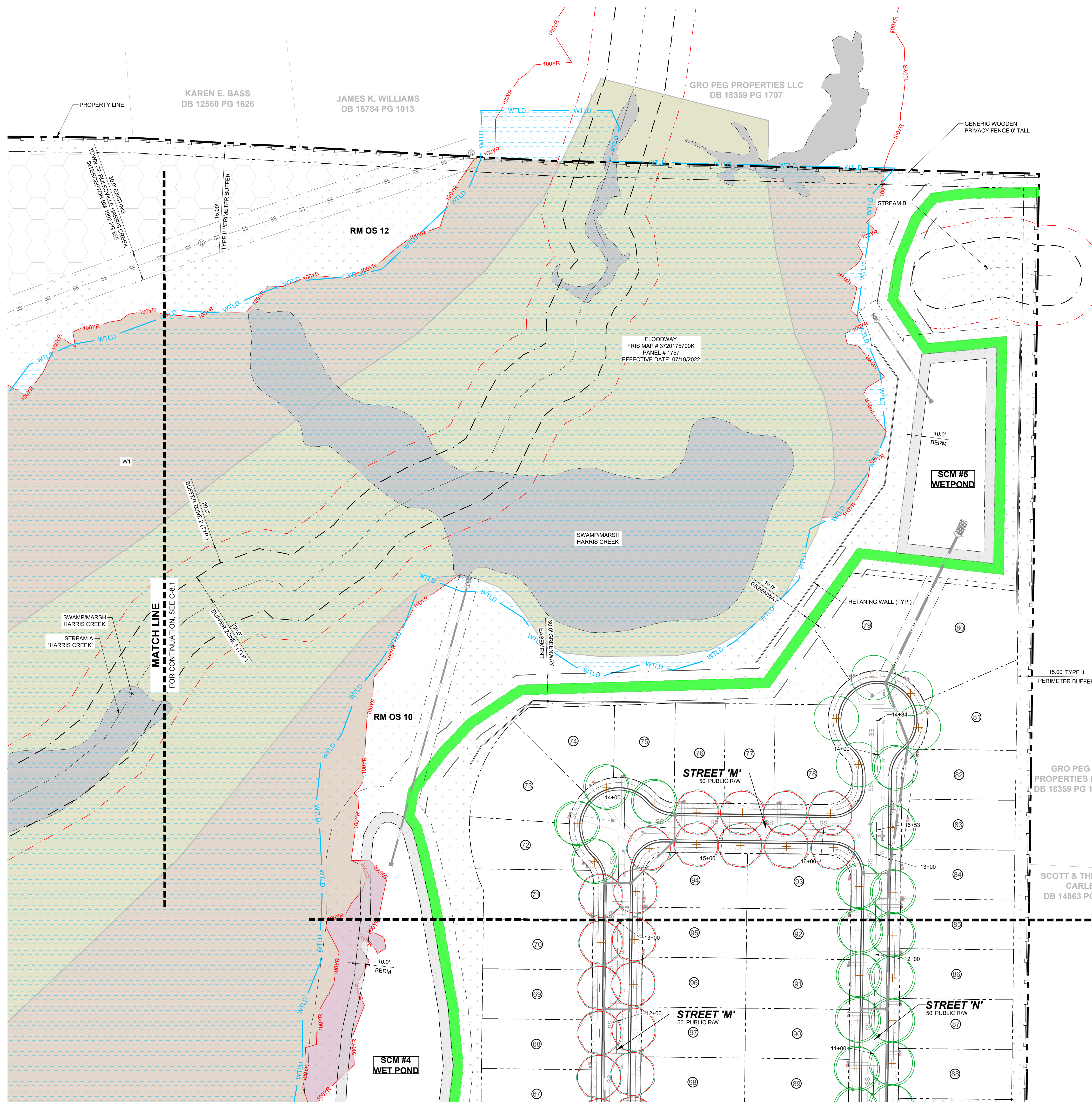
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

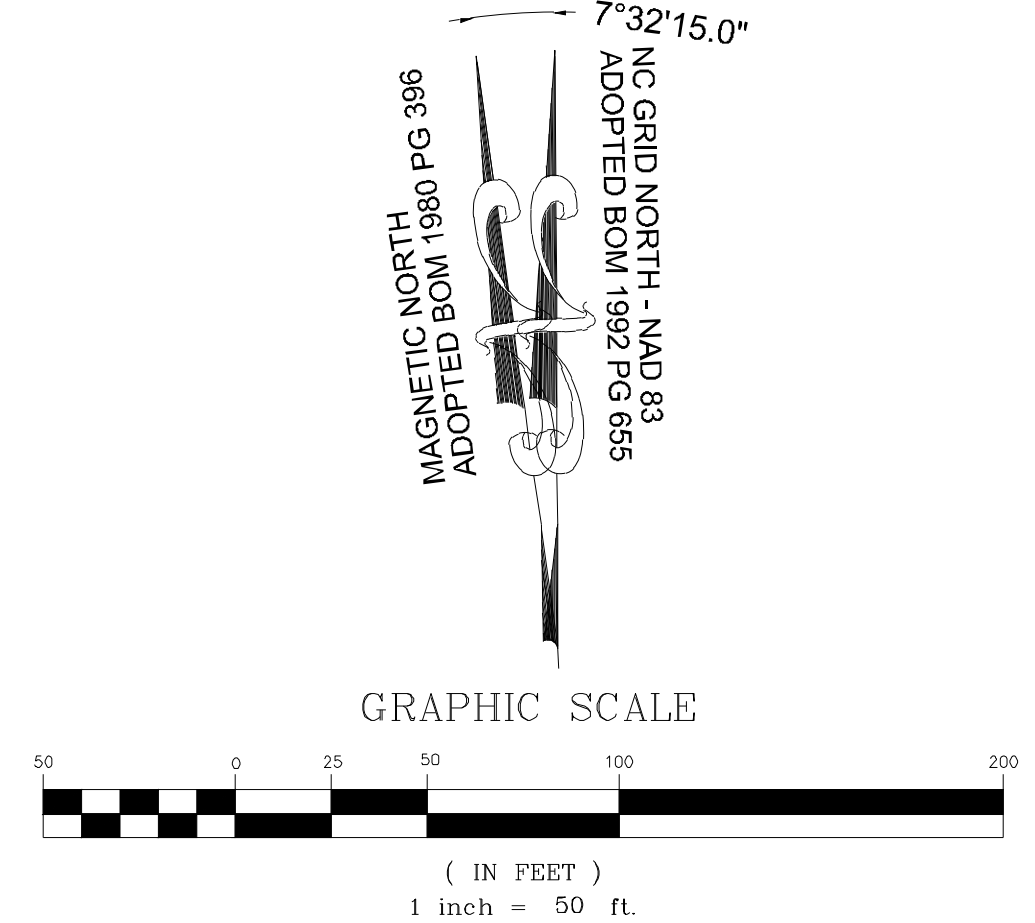
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAN  
PARTIAL LANDSCAPE PLAN I

DRAWING SHEET  
**C-8.1**

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**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-8.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01			
02			
03			

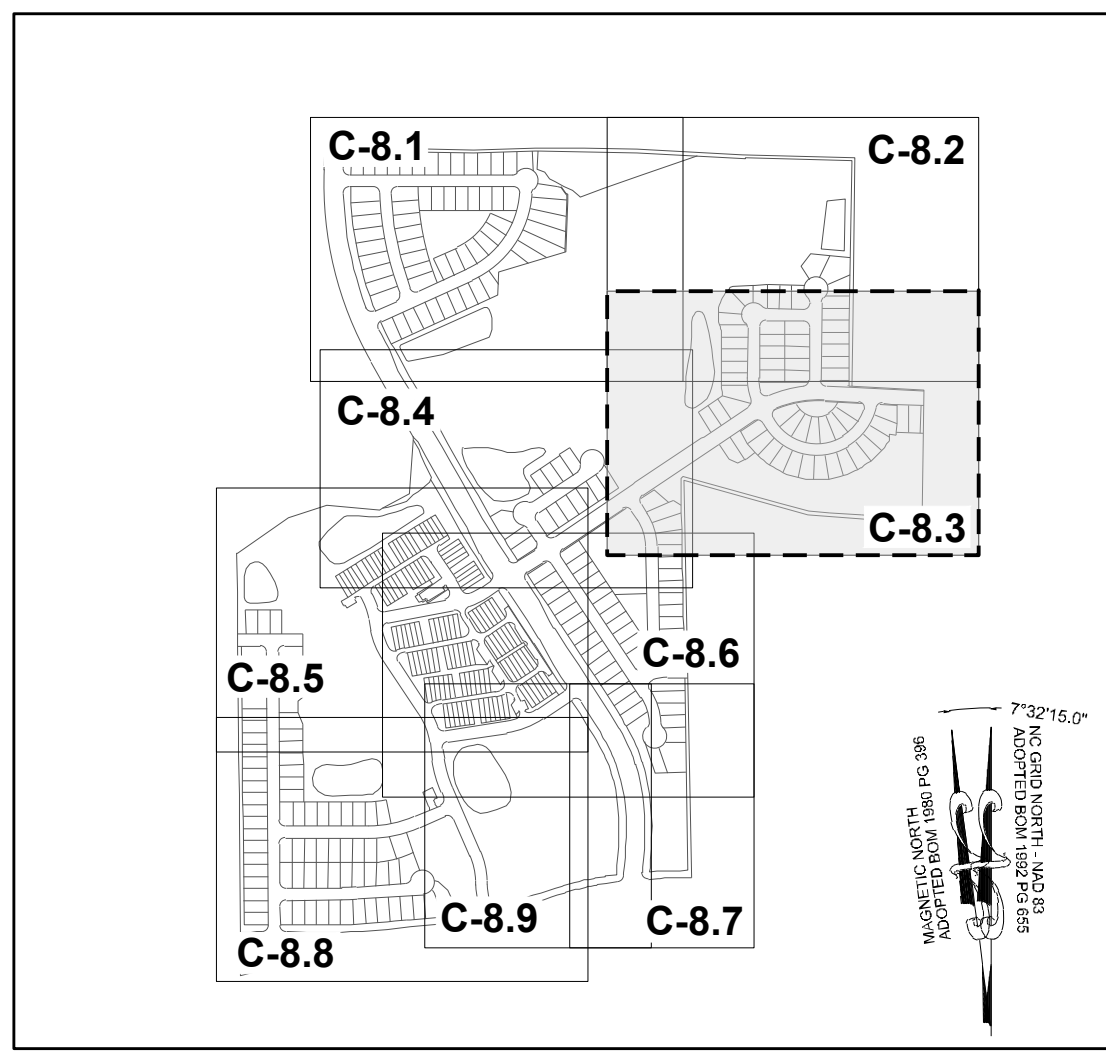
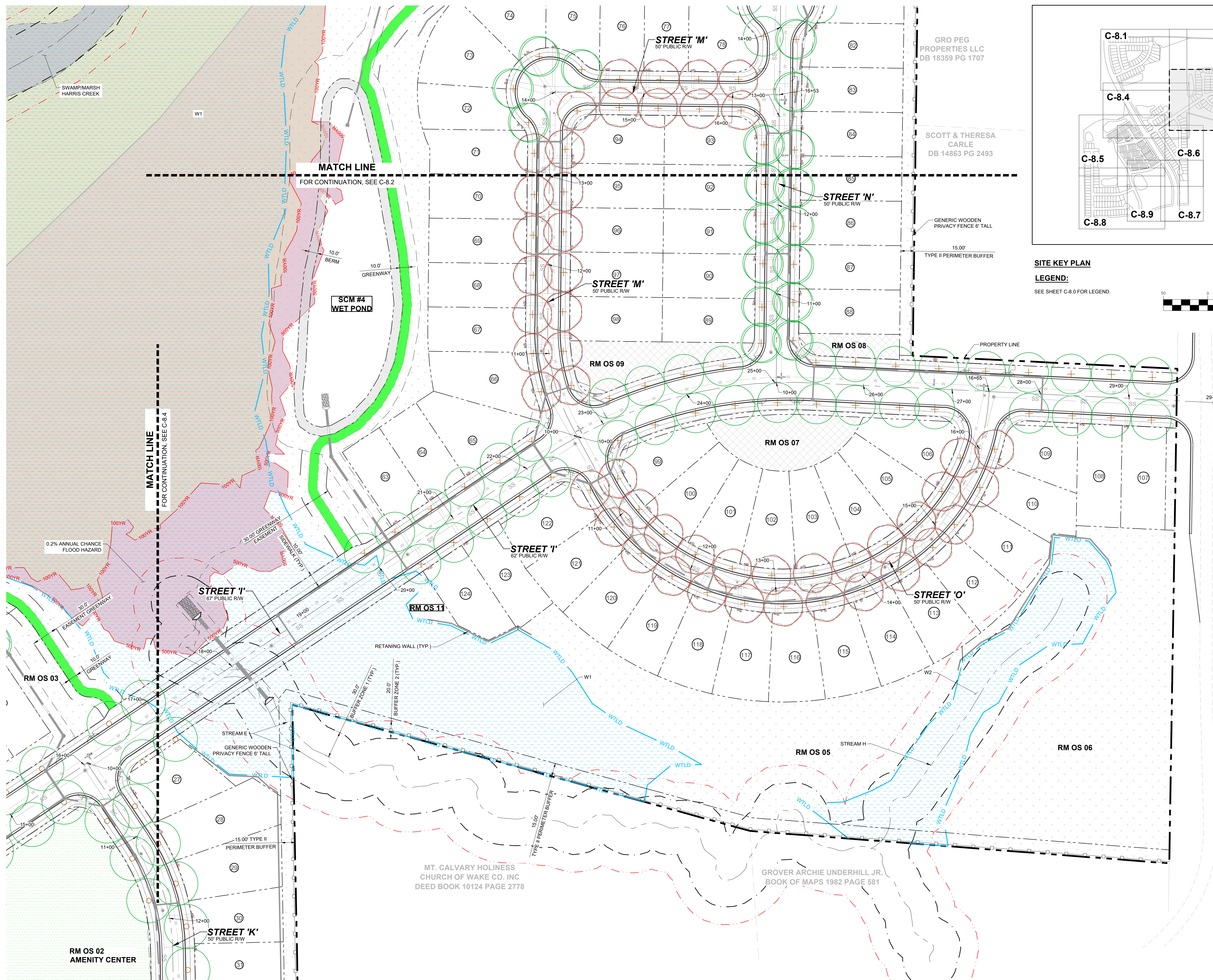
**STRONGROCK**  
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 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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

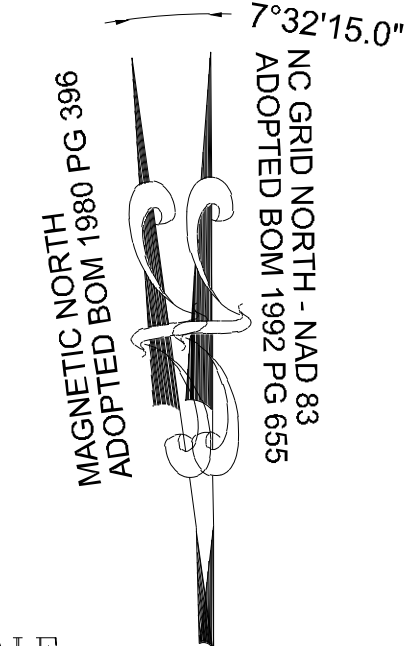
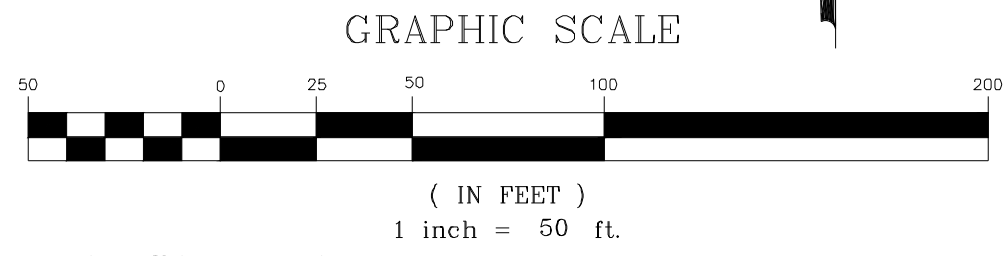
RESERVE @ MITCHELL MILL  
 TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
 PRELIMINARY SUBDIVISION PLAT  
 PARTIAL LANDSCAPE PLAN II

DRAWING SHEET  
**C-8.2**

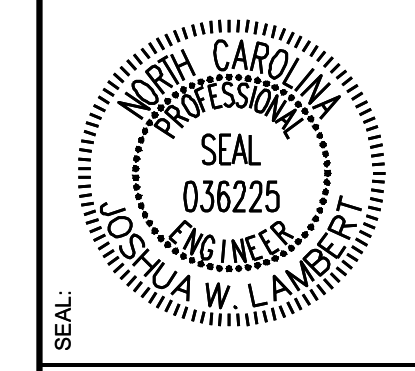
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**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-8.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SRG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SRG



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

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

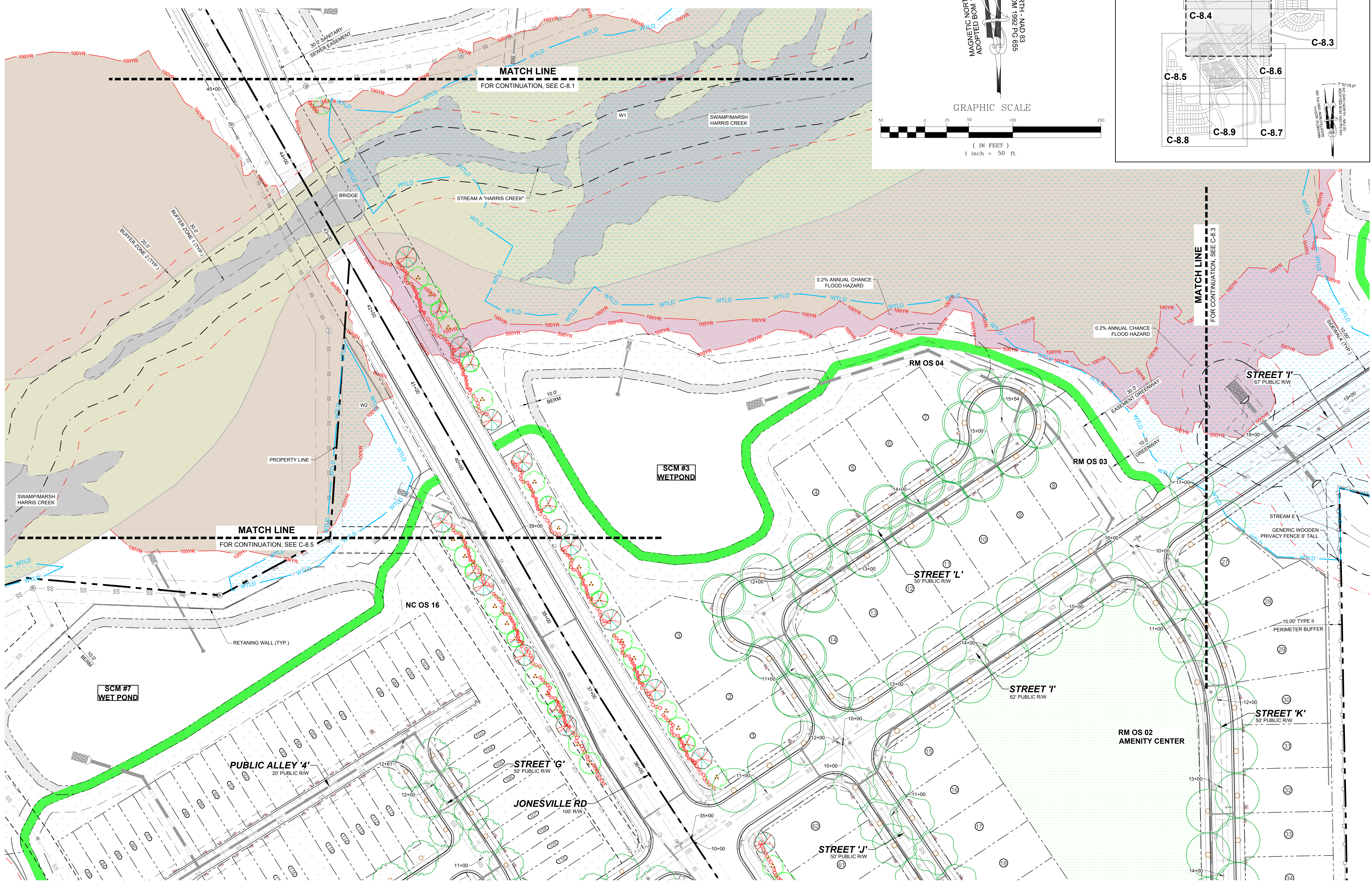
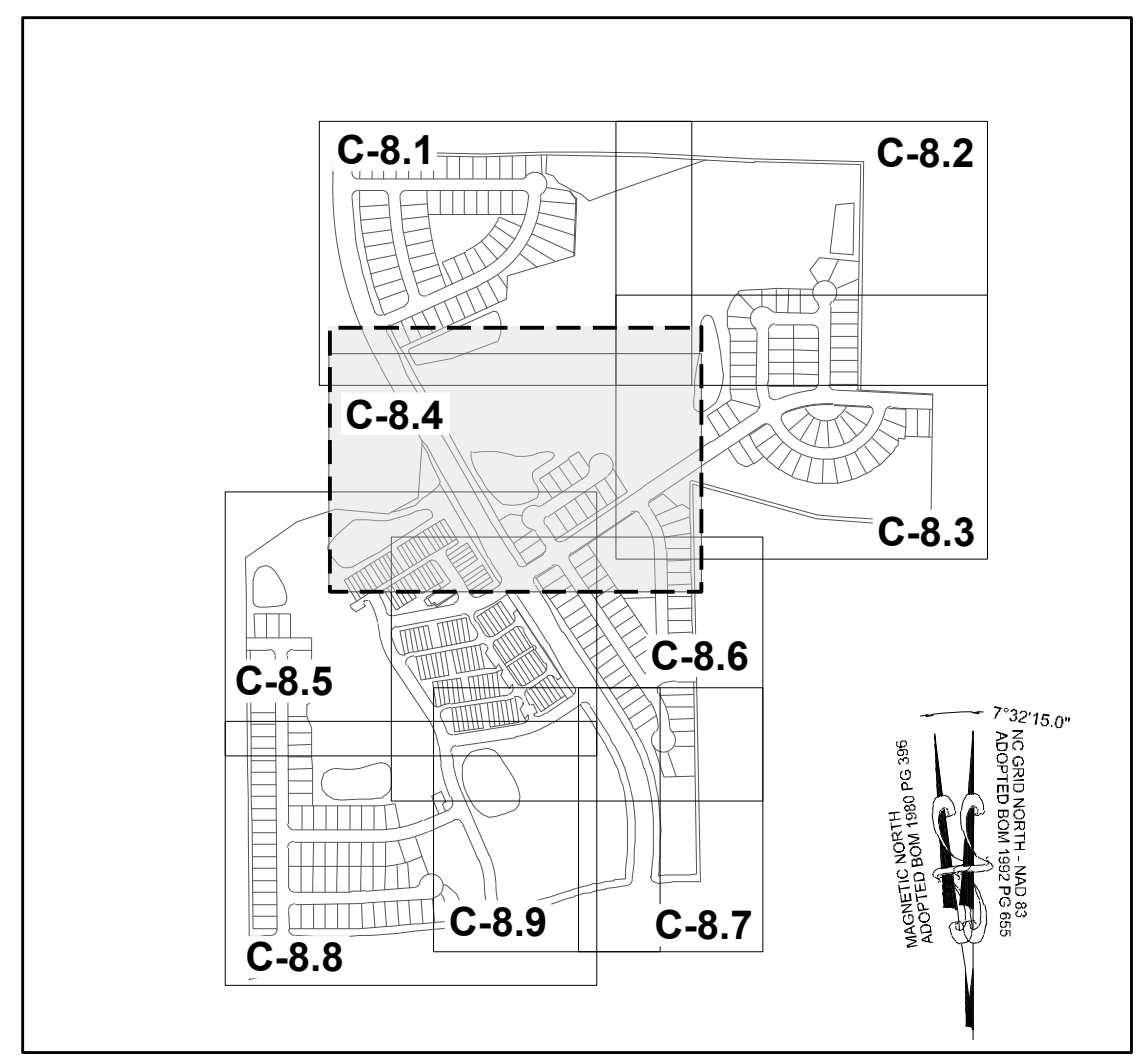
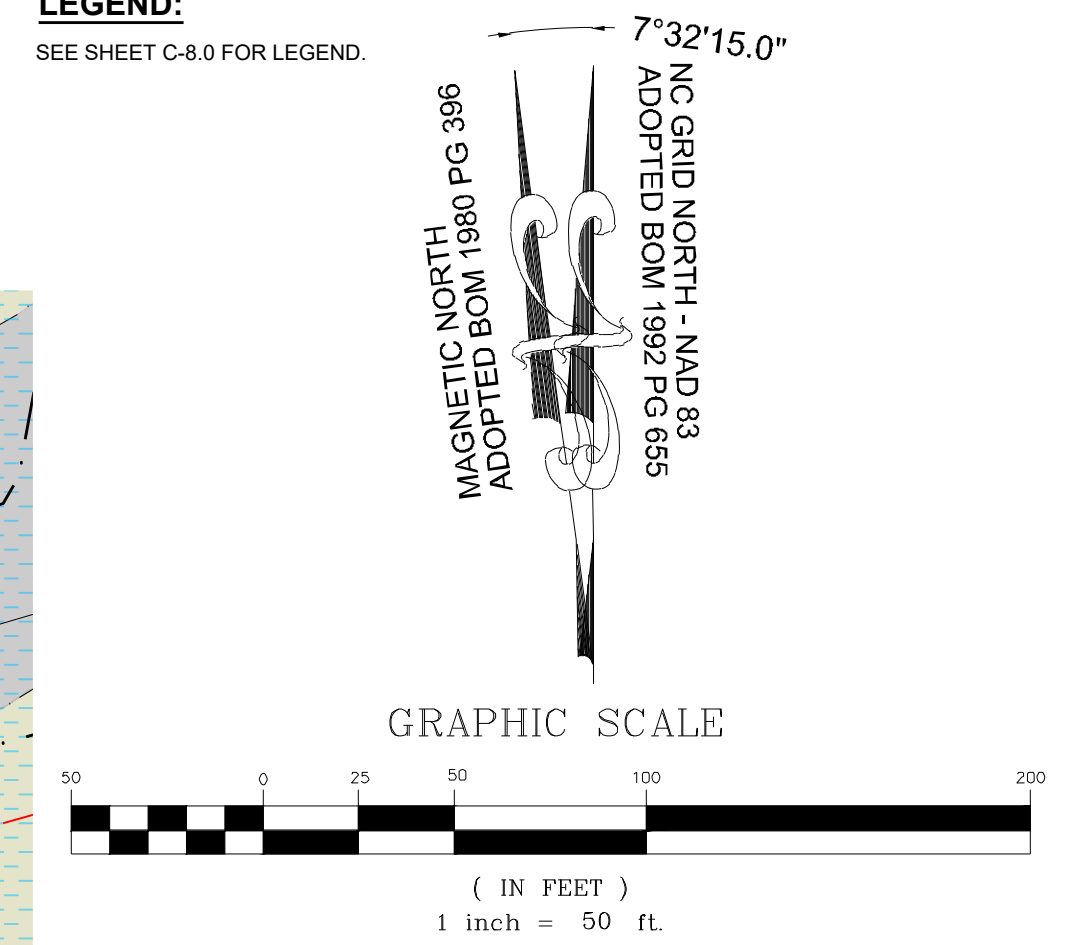
DRAWING SHEET  
**C-8.3**

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**TOWNHOME NOTES:**  
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**SITE KEY PLAN**  
**LEGEND:**  
SEE SHEET C-8.0 FOR LEGEND.



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG

SEAL:

**STRONGROCK**  
ENGINEERING GROUP

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

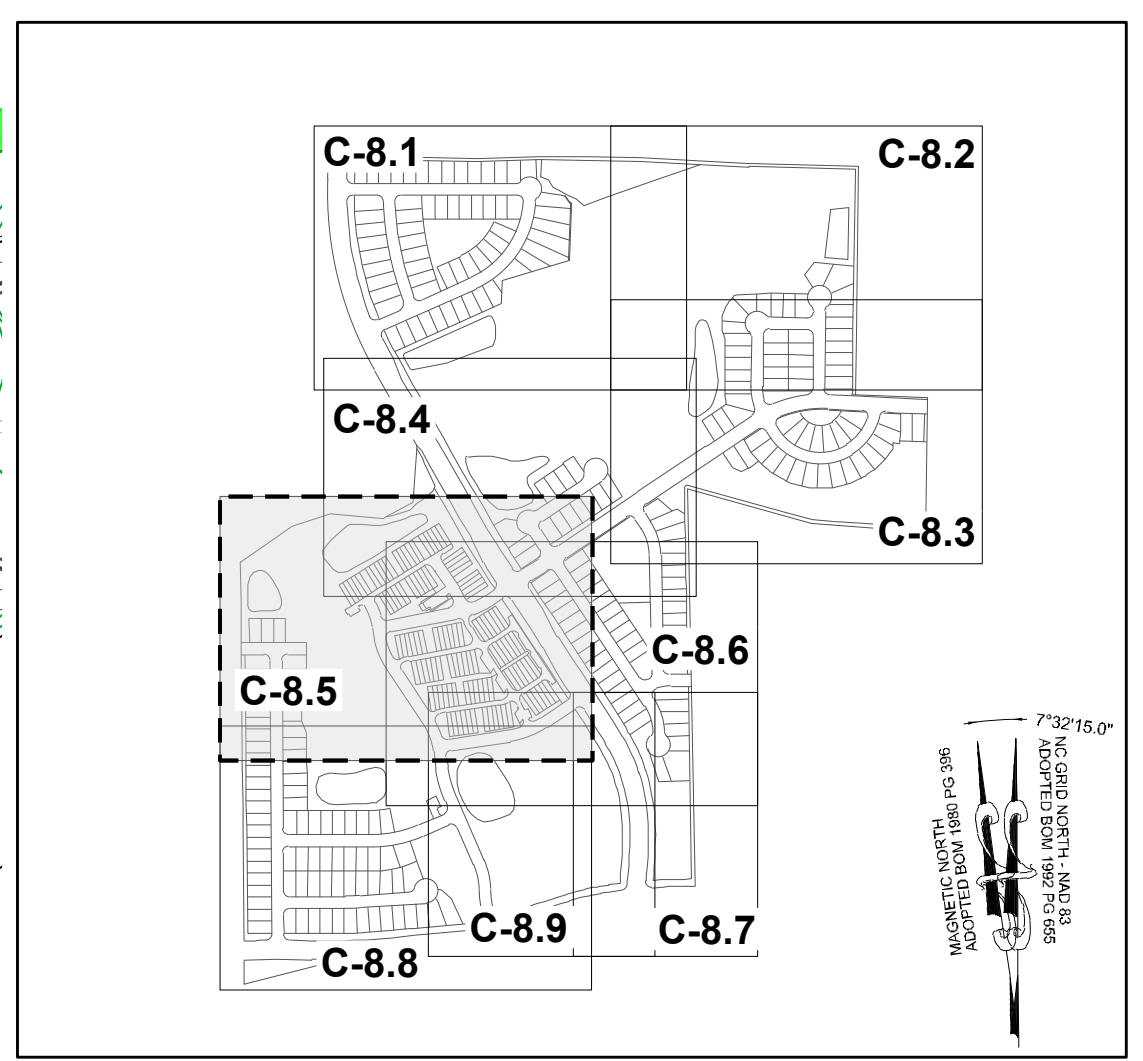
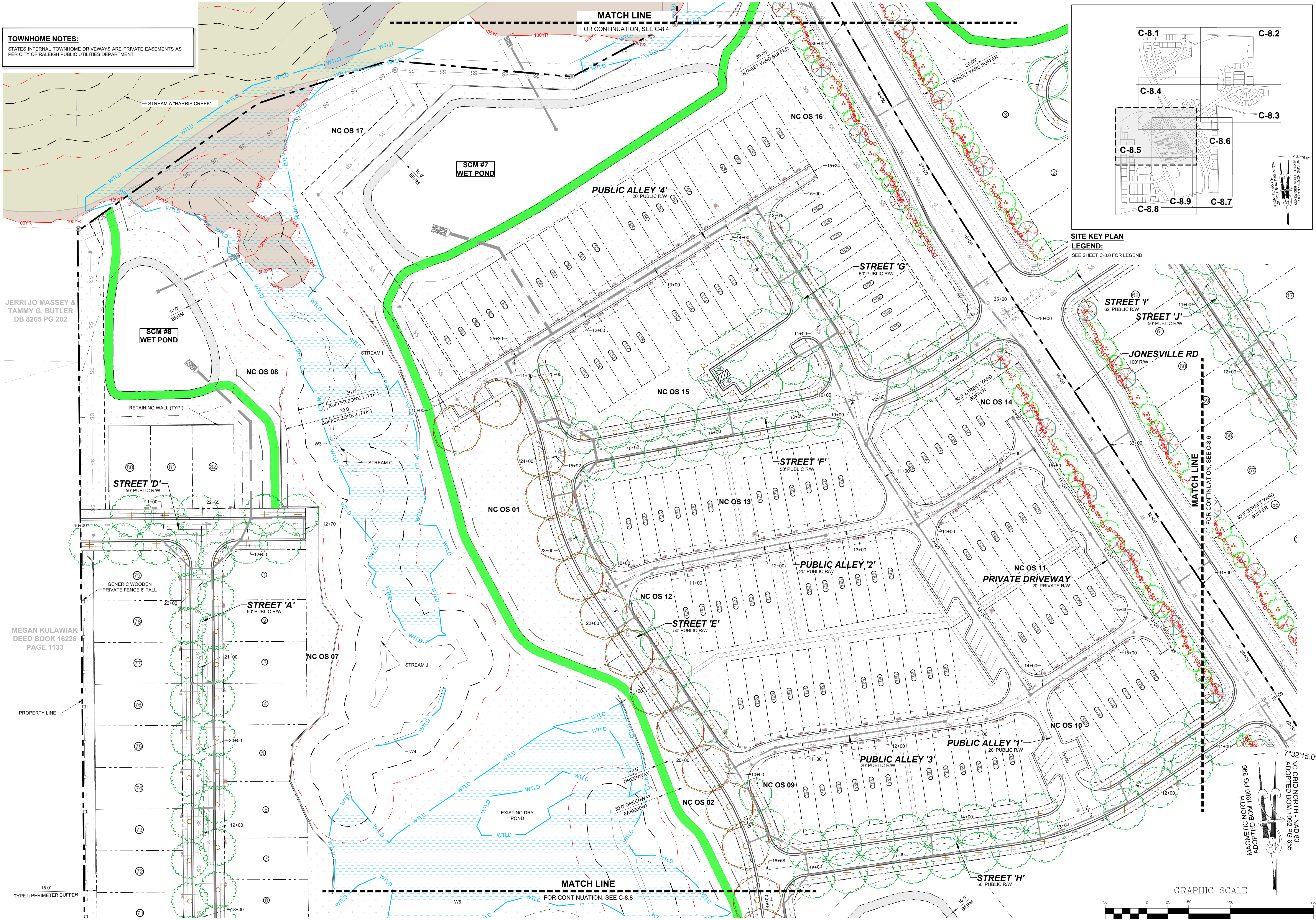
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PSP-24-03	PSP-24-03	PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN	SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL	DESIGNED BY JWL	DESIGNED BY JWL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

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

DRAWING SHEET  
**C-8.4**

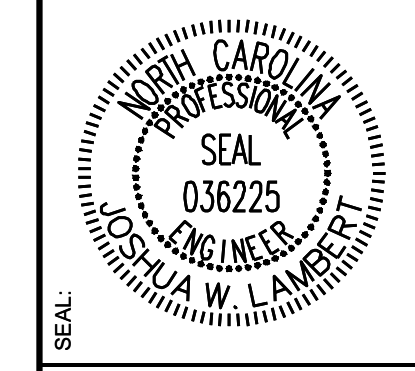
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**TOWNHOME NOTES:**  
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



**SITE KEY PLAN**  
**LEGEND:**  
SEE SHEET C-8.0 FOR LEGEND.

NO.	REVISIONS	DATE	BY
01			
02			
03			



JERRI JO MASSEY & TAMMY G. BUTLER  
DB 8265 PG 202

MEGAN KULAWIAK  
DEED BOOK 16226  
PAGE 1133

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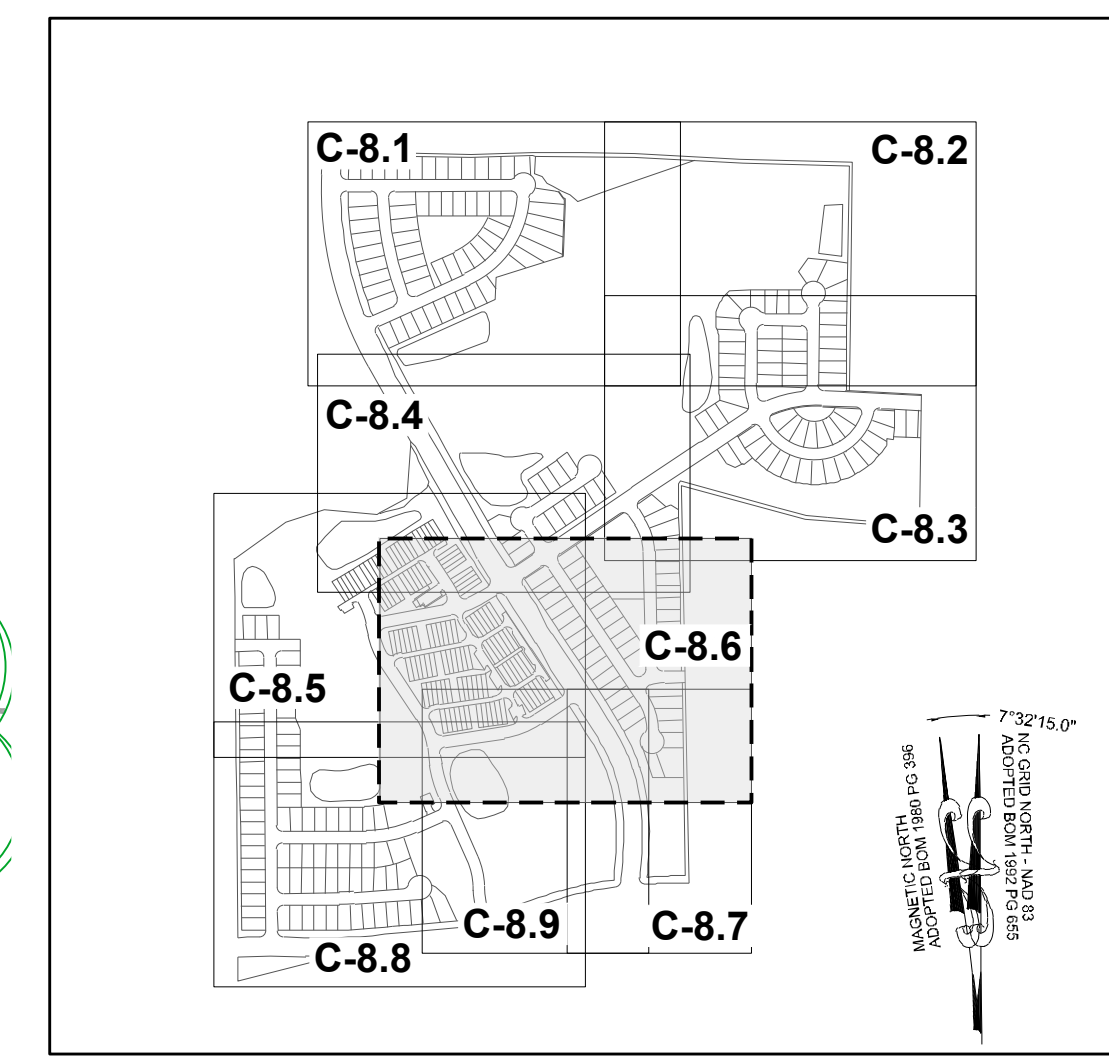
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAN  
PARTIAL LANDSCAPE PLAN V

DRAWING SHEET  
**C-8.5**

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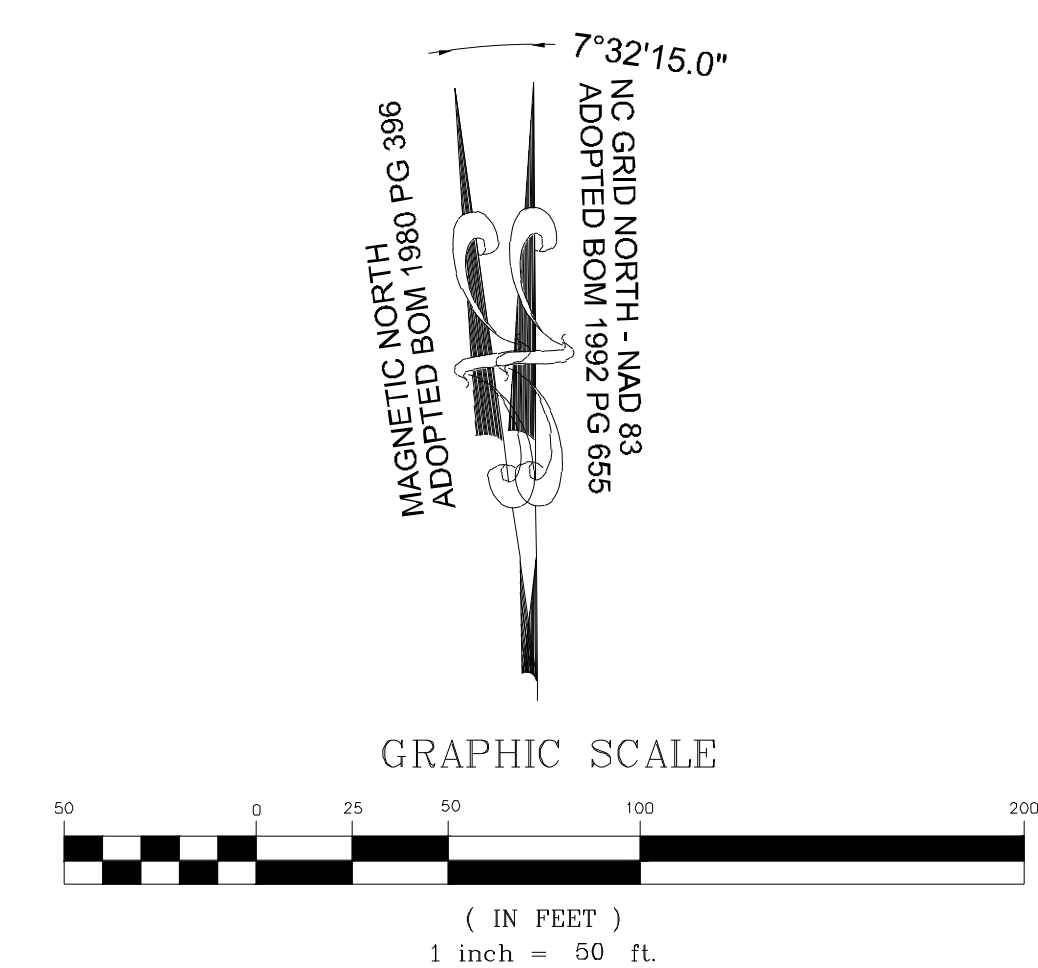


GENERIC WOODEN PRIVATE FENCE 6' TALL  
 15.0'  
 TYPE II PERIMETER BUFFER

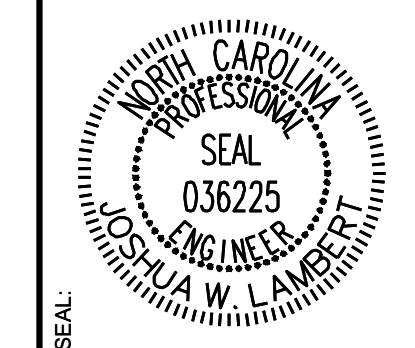


**SITE KEY PLAN**  
**LEGEND:**  
 SEE SHEET C-8.0 FOR LEGEND.

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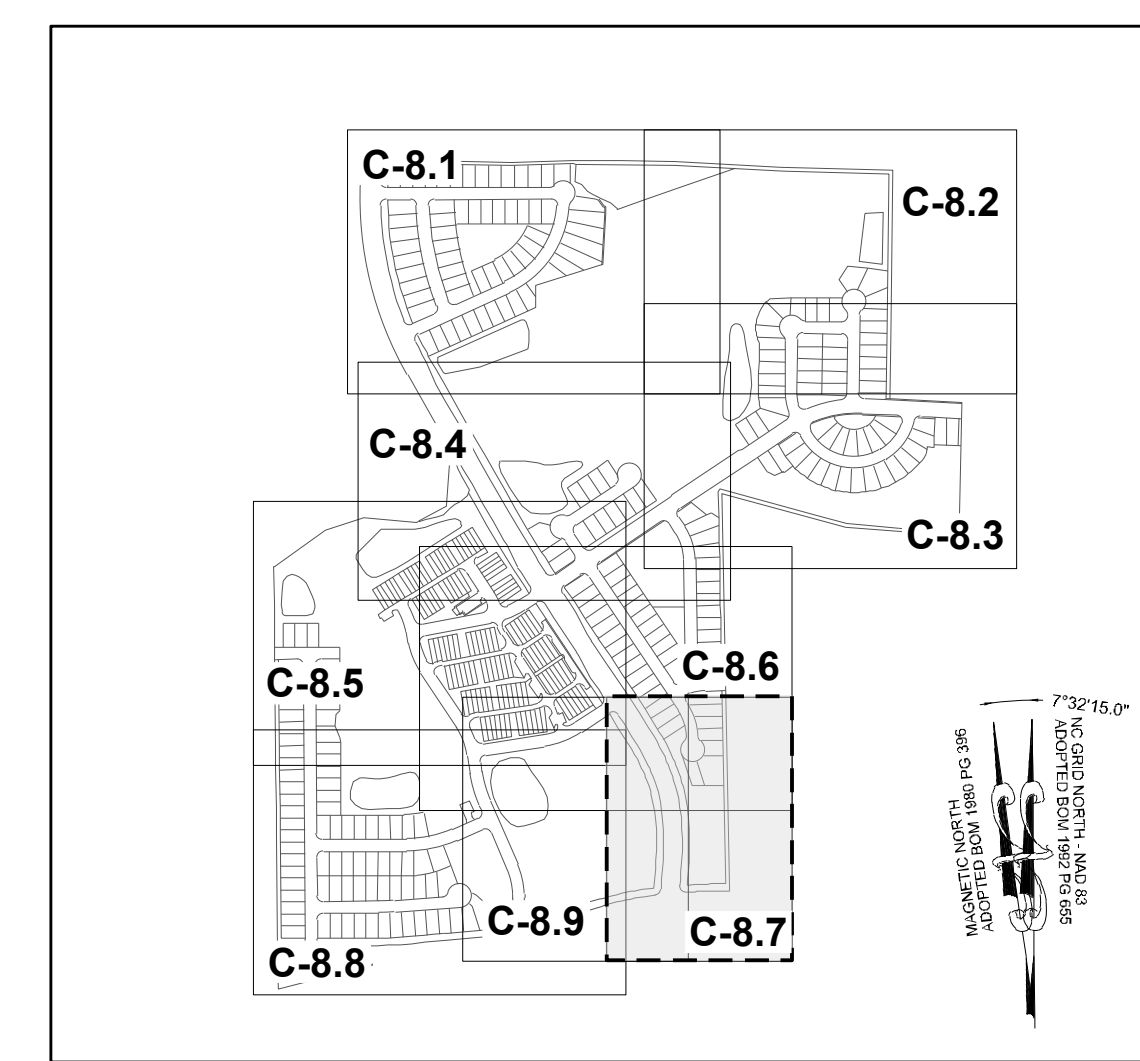
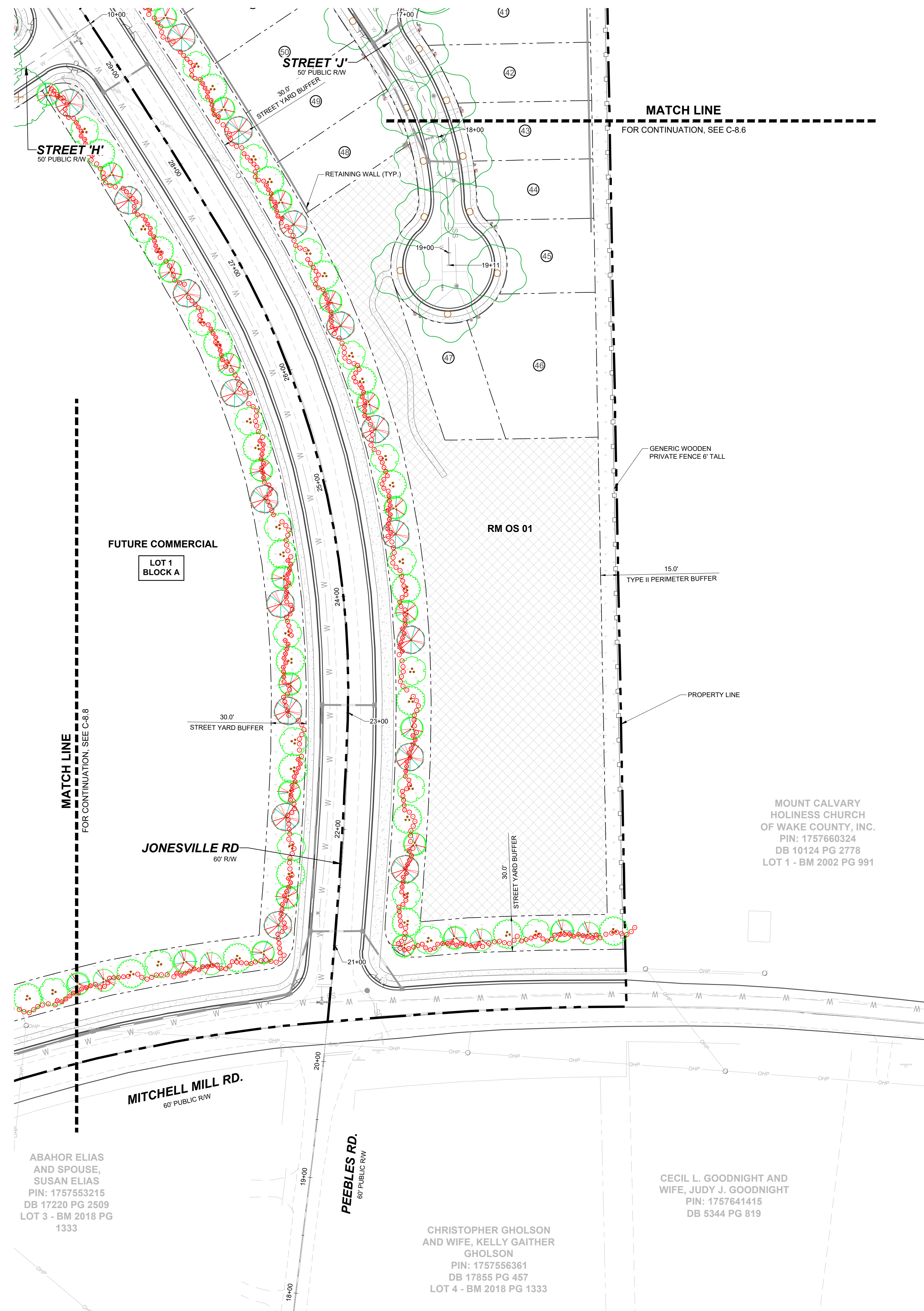
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 ENGINEERING GROUP  
 STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	CONSTRUCTION	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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 UTILITY PLAN VI

DRAWING SHEET  
**C-8.6**  
 59 OF 76

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**SITE KEY PLAN**  
LEGEND:  
SEE SHEET C-8.0 FOR LEGEND.

01	PRELIMINARY SUBDIVISION PLAT P-24.03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24.03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24.03	03/01/2024	SREG

SEAL:

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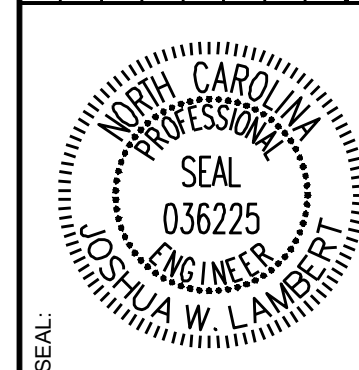
STRONG ROCK PROJECT	STRONG ROCK PROJECT	JWL	JWL
PSP-24-03	NOT FOR CONSTRUCTION	AS SHOWN	SRG
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY

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

NO.	REVISIONS	DATE	BY
01			
02			
03			



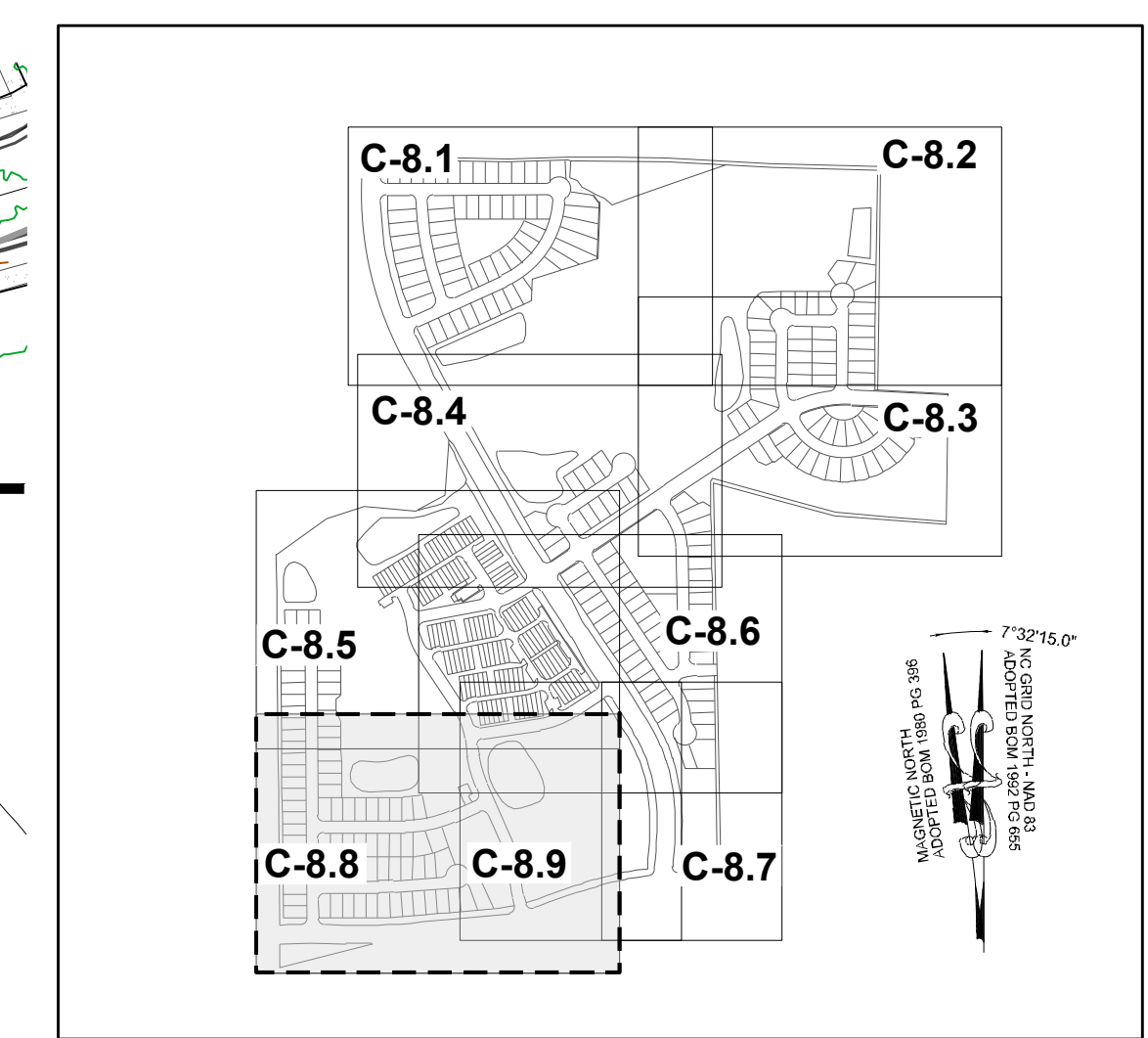
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305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

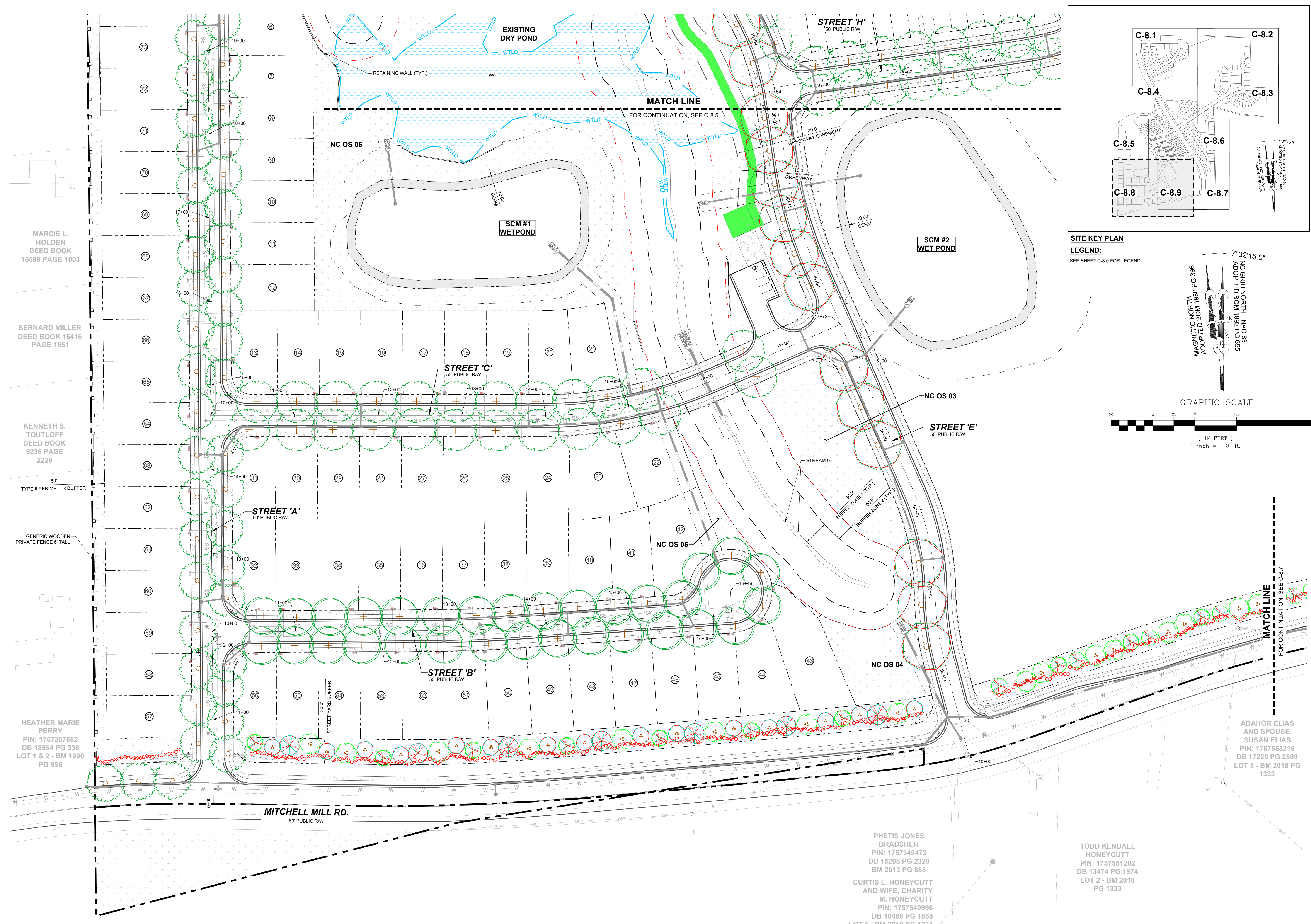
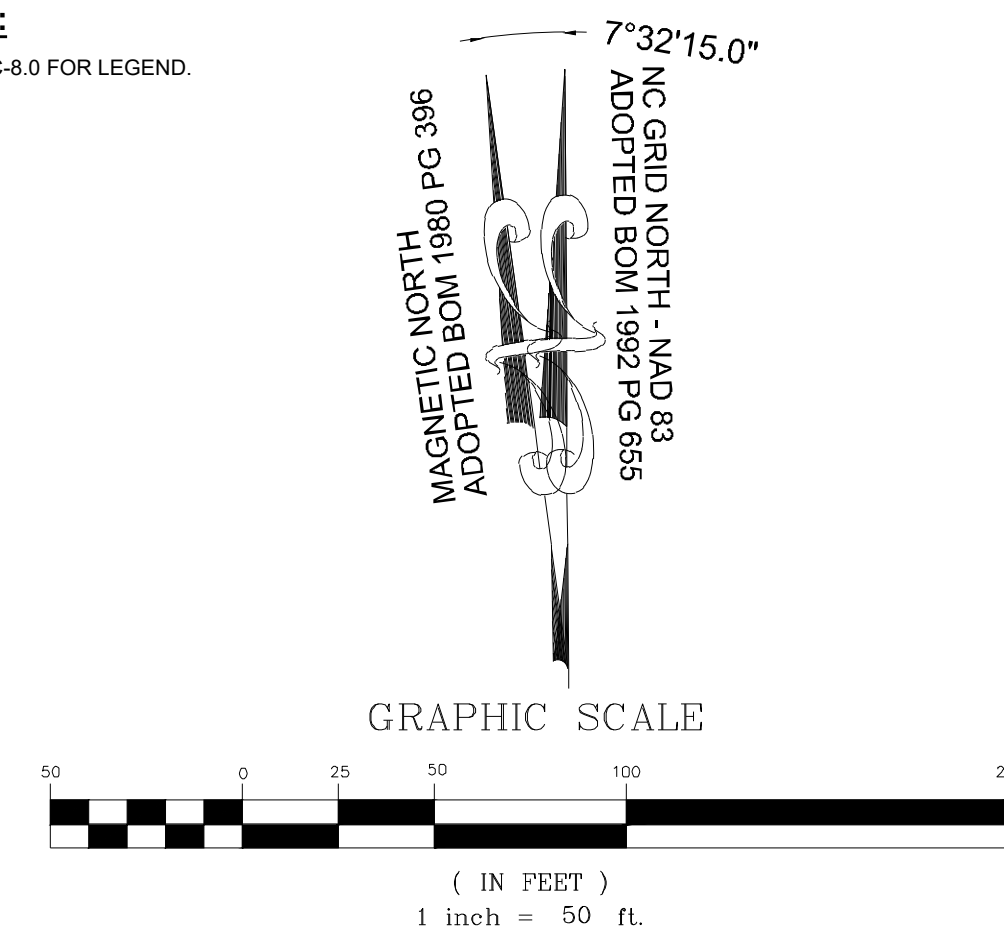
STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	
SCALE	AS SHOWN
DESIGNED BY	JWL
DRAWN BY	SRG
CHECKED BY	JWL

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

DRAWING SHEET  
**C-8.8**



**SITE KEY PLAN**  
LEGEND:  
SEE SHEET C-8.0 FOR LEGEND.



MARCI L. HOLDEN  
DEED BOOK 15599 PAGE 1003

BERNARD MILLER  
DEED BOOK 15416 PAGE 1651

KENNETH S. TOUTLOFF  
DEED BOOK 9236 PAGE 2229

15.0'  
TYPE II PERIMETER BUFFER

GENERIC WOODEN PRIVATE FENCE 6' TALL

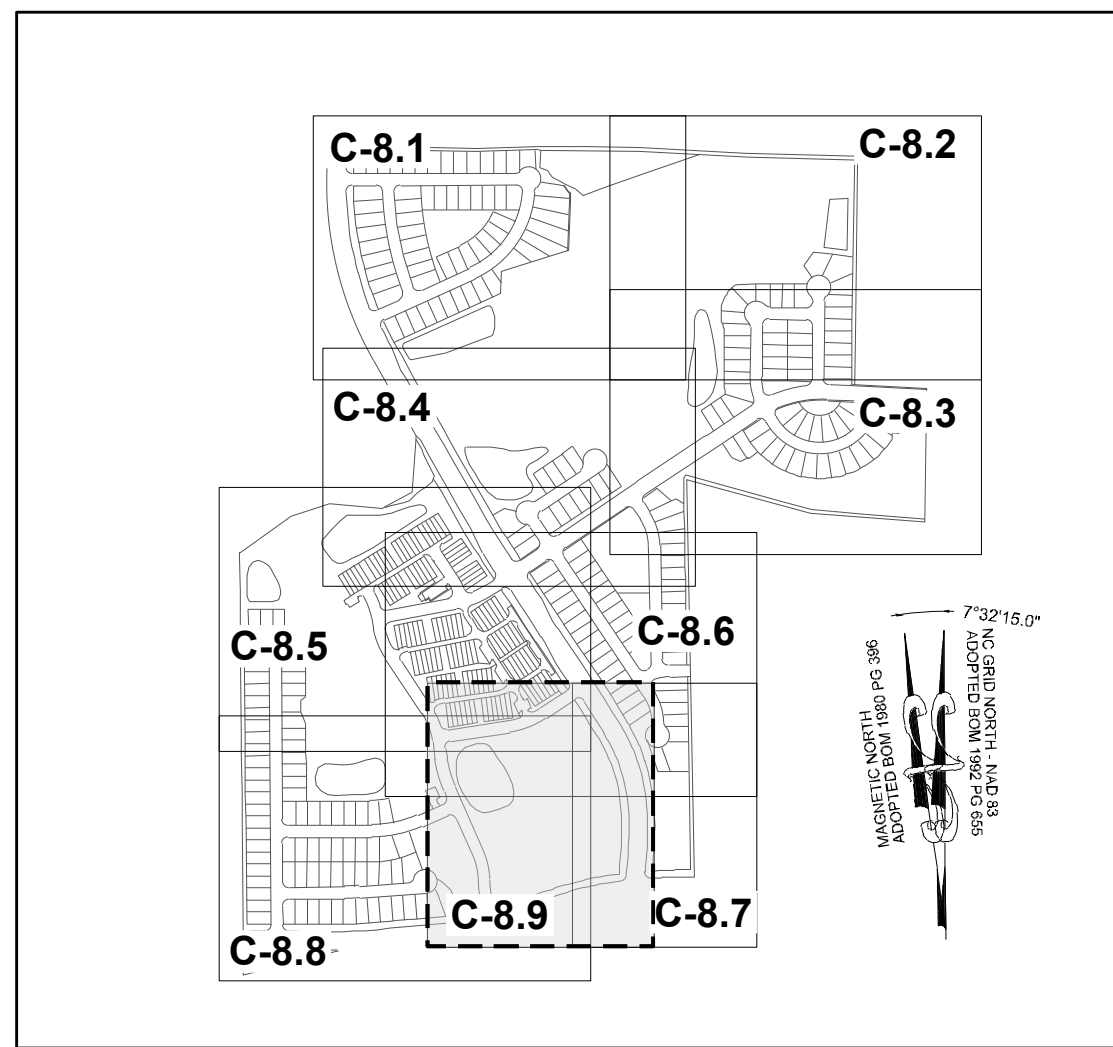
HEATHER MARIE PERRY  
PIN: 1757357582  
DB 18954 PG 338  
LOT 1 & 2 - BM 1990 PG 956

PHETIS JONES  
BRADSHER  
PIN: 1757349473  
DB 15208 PG 2320  
BM 2013 PG 868

CURTIS L. HONEYCUTT  
AND WIFE, CHARITY M. HONEYCUTT  
PIN: 1757540996  
DB 10488 PG 1888  
LOT 1 - BM 2018 PG 1333

TODD KENDALL  
HONEYCUTT  
PIN: 1757551202  
DB 13474 PG 1974  
LOT 2 - BM 2018 PG 1333

ABAHOR ELIAS AND SPOUSE,  
SUSAN ELIAS  
PIN: 1757553215  
DB 17220 PG 2509  
LOT 3 - BM 2018 PG 1333



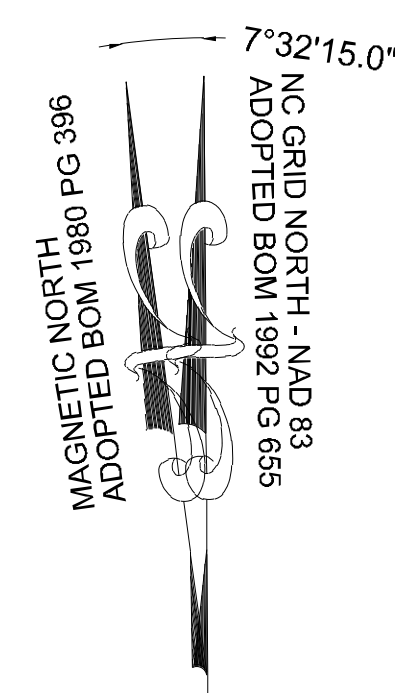
**SITE KEY PLAN**

**LEGEND:**

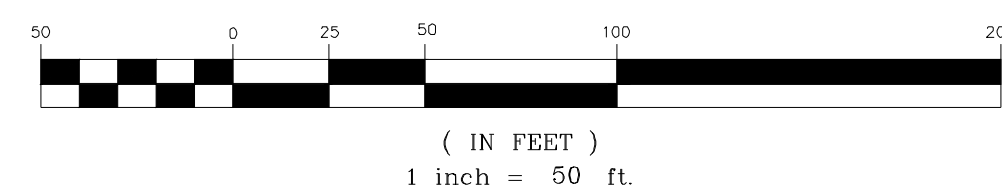
SEE SHEET C-8.0 FOR LEGEND.

**TOWNHOME NOTES:**

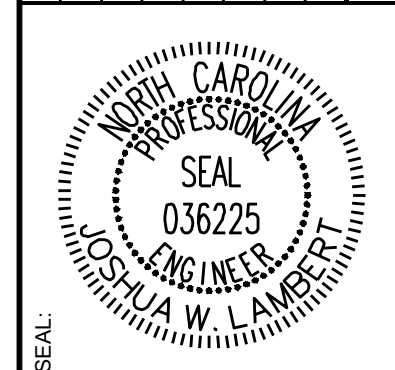
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT



**GRAPHIC SCALE**



NO.	REVISIONS	DATE	BY
01			
02			
03			



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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

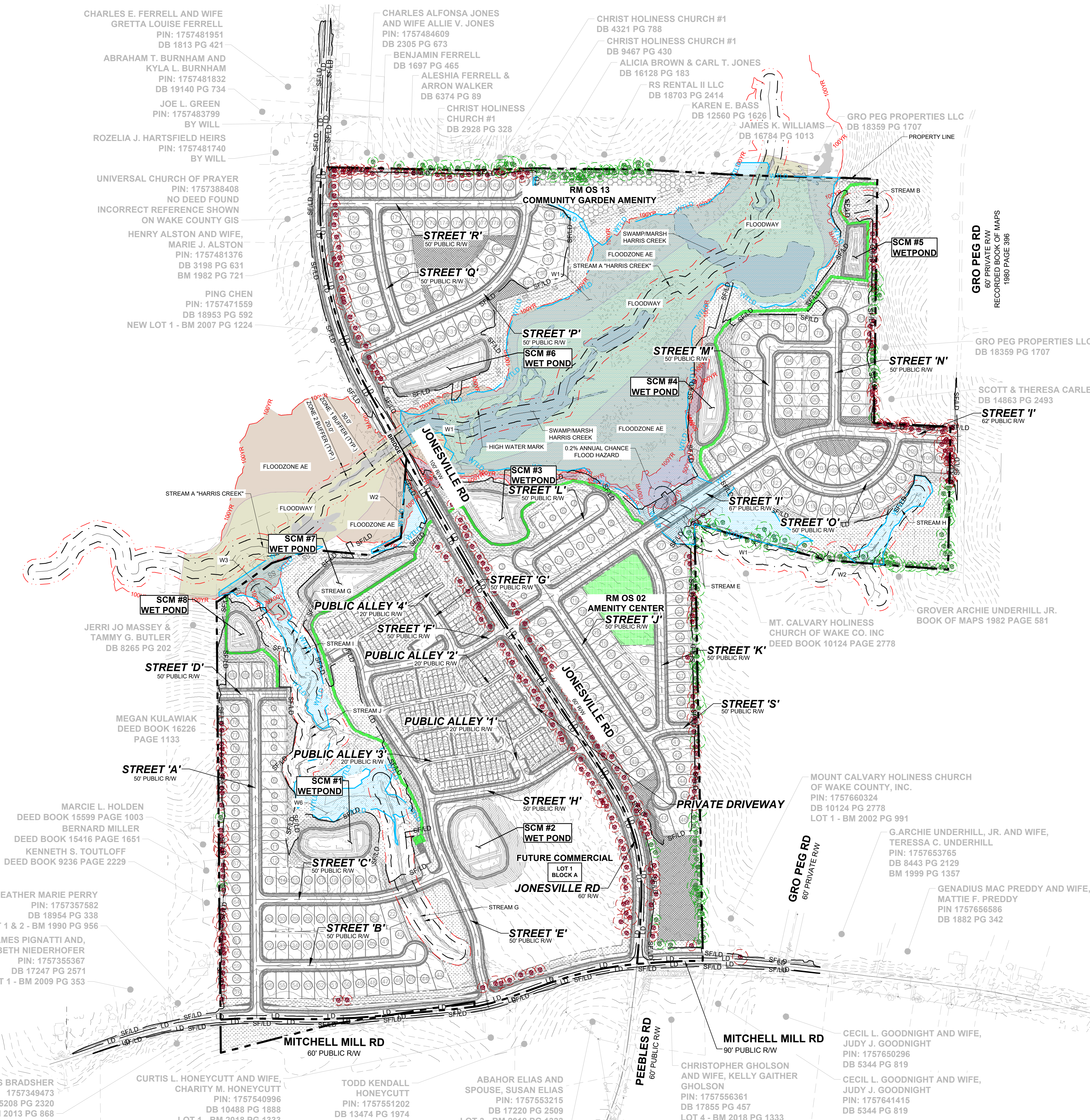
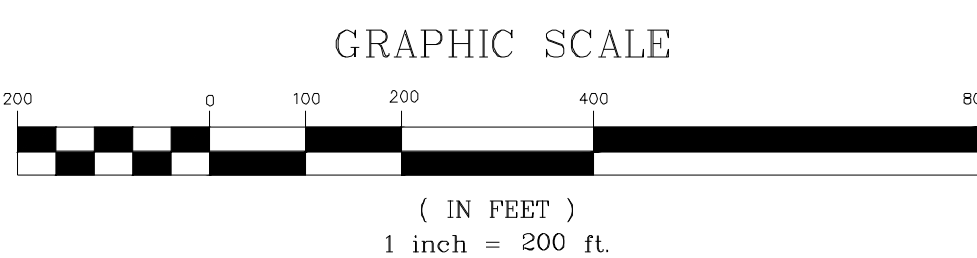
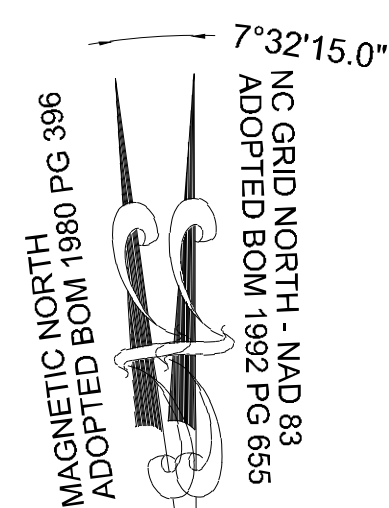
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PARTIAL LANDSCAPE PLAN IX

DRAWING SHEET  
**C-8.9**

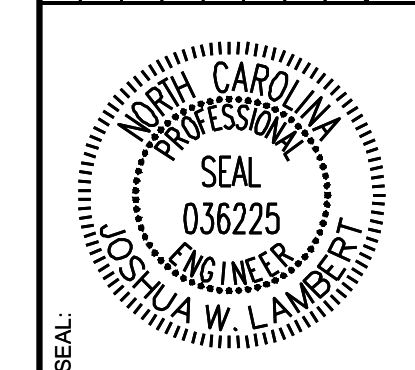
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**NOTE:**  
THE CRITICAL ROOT ZONES (CRZ) SHALL REMAIN FREE OF ALL BUILDING MATERIALS, REFUSE, AND DEBRIS.

**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



ISREG	DATE	BY
08/01/2023		
12/05/2023		
03/07/2024		



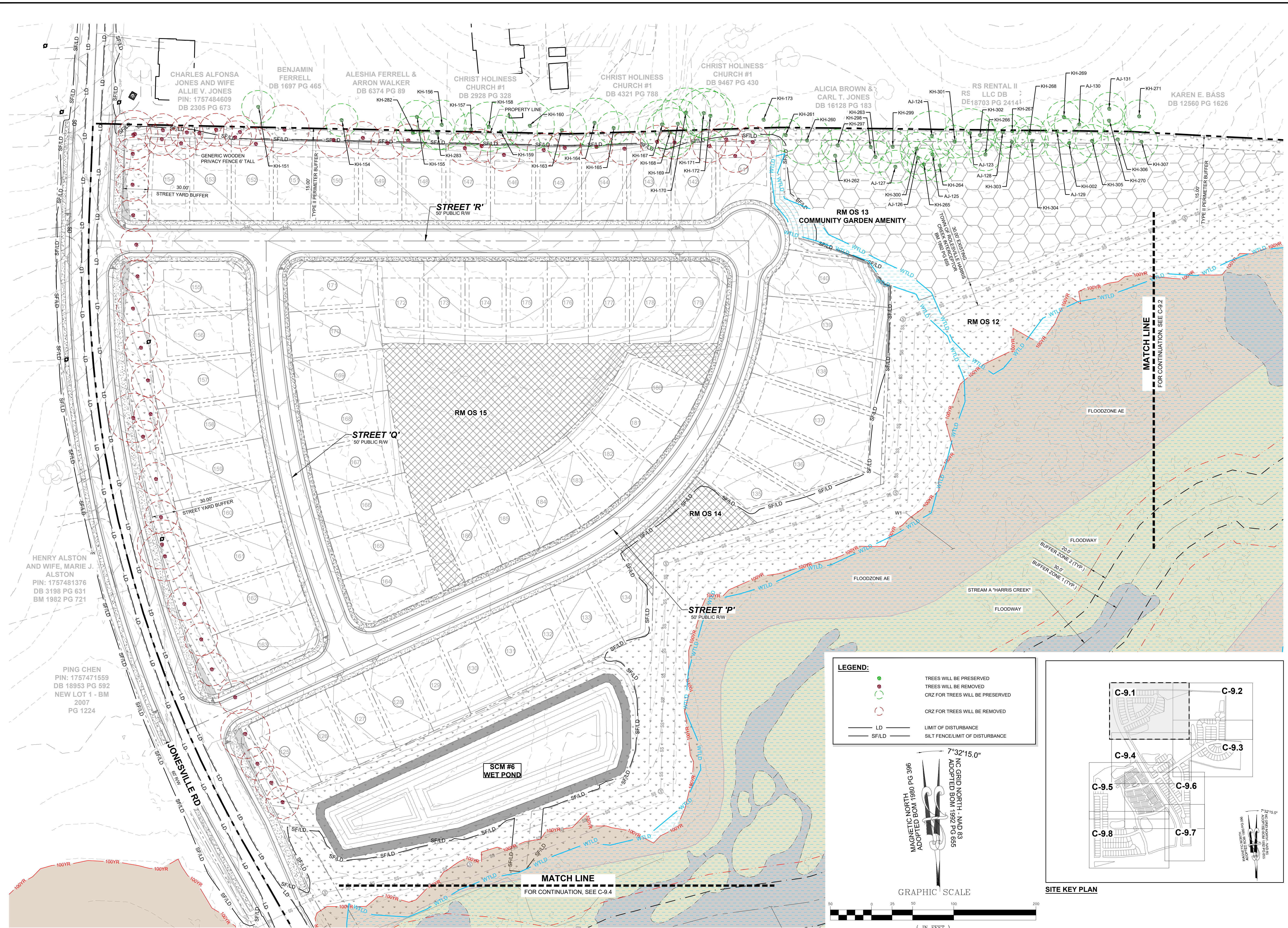
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ENGINEERING GROUP  
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STRONG ROCK PROJECT	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
STRONG ROCK PROJECT P-24-03	AS SHOWN	JWL	JWL	JWL

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

DRAWING SHEET  
**C-9.0**

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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

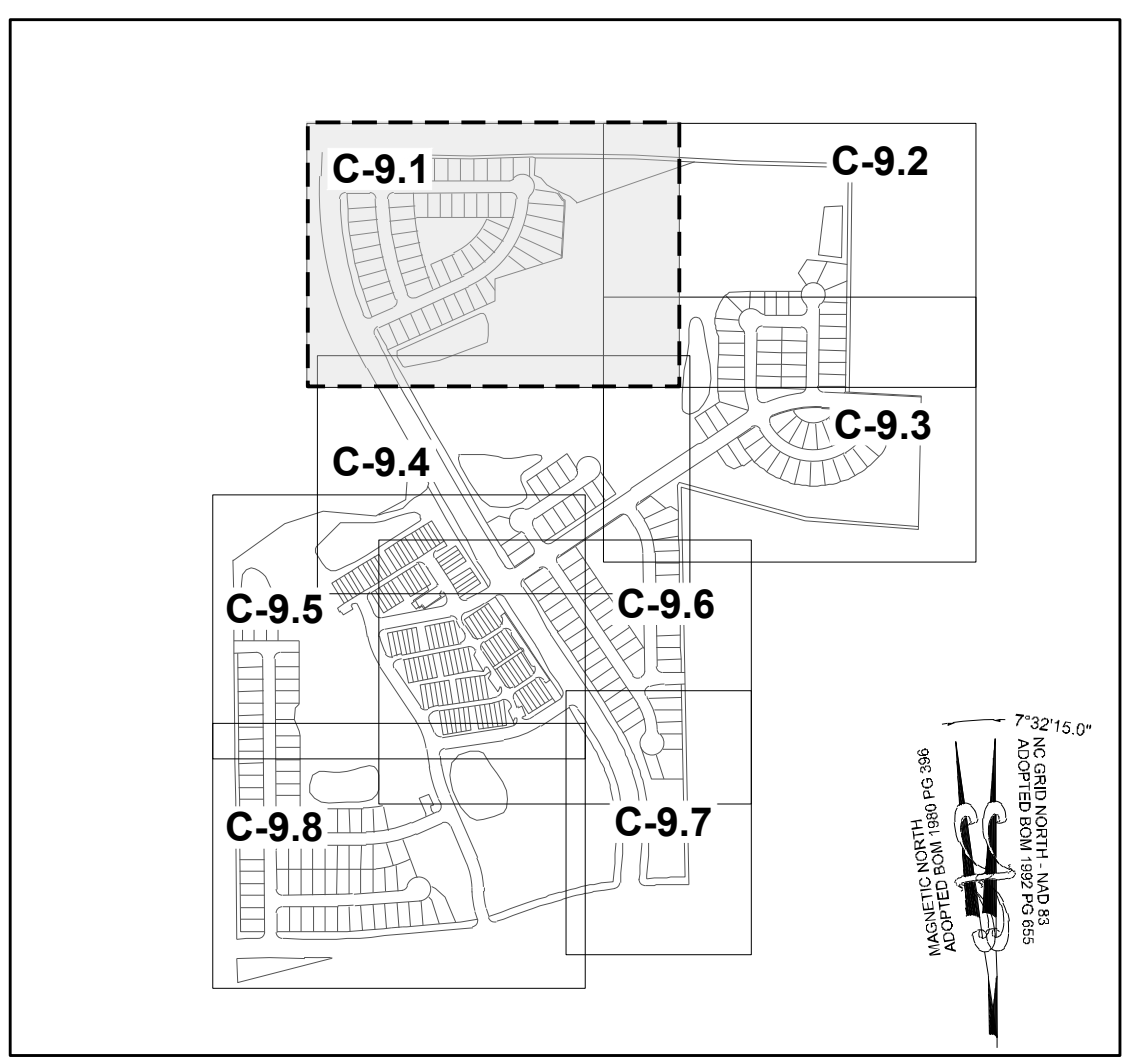
**GRAPHIC SCALE**

MAGNETIC NORTH  
ADOPTED BOM 1980 PG 396

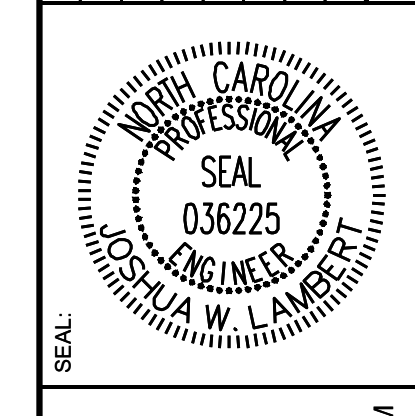
GRID NORTH - NAD 83  
ADOPTED BOM 1992 PG 695

7°32'15.0"

( IN FEET )  
1 inch = 50 ft.



NO.	REVISIONS	DATE	BY
01			
02			
03			



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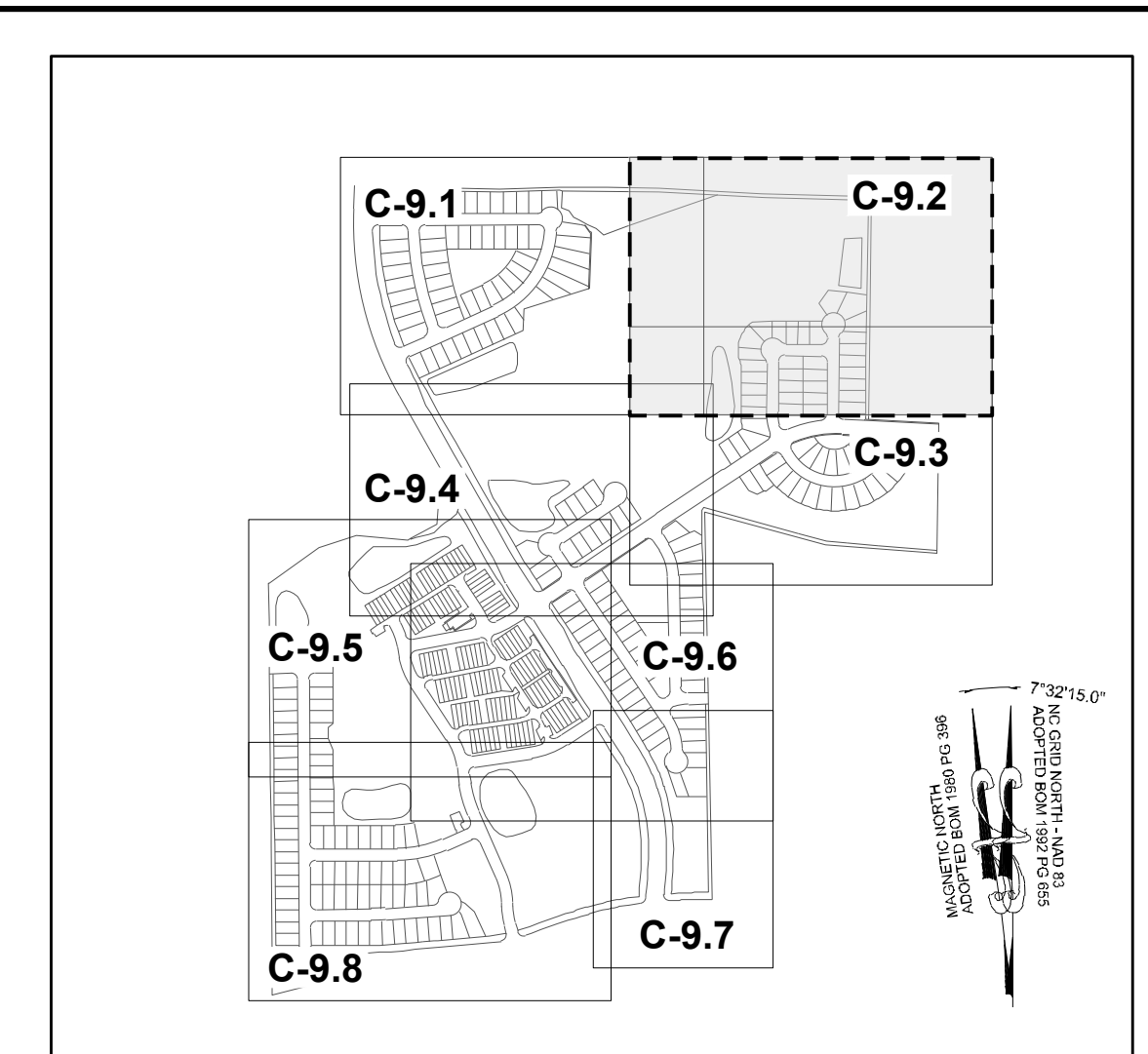
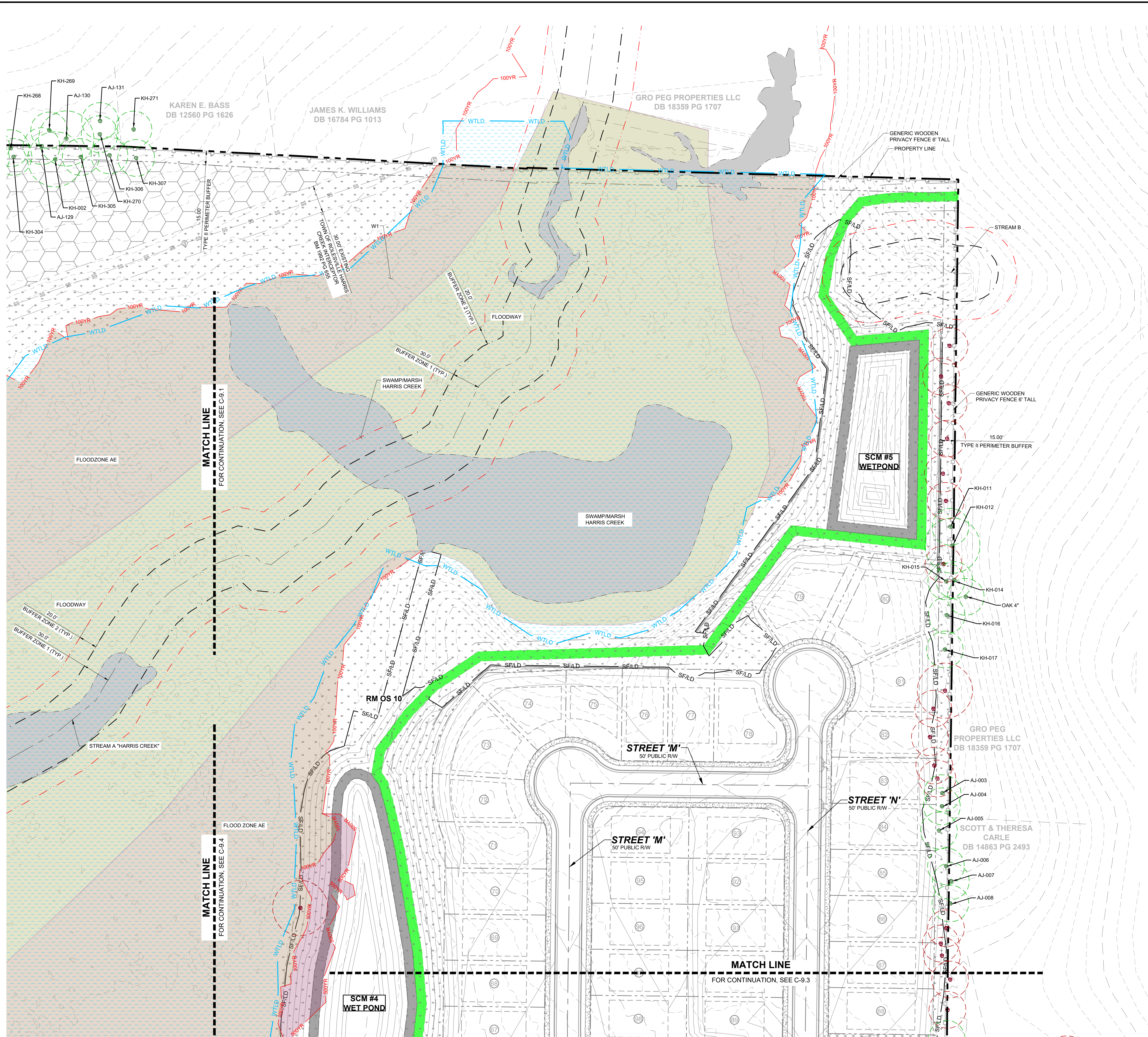
**RESERVE @ MITCHELL MILL**  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PRESERVATION PLAN I

**DRAWING SHEET**  
C-9.1

**64 OF 76**

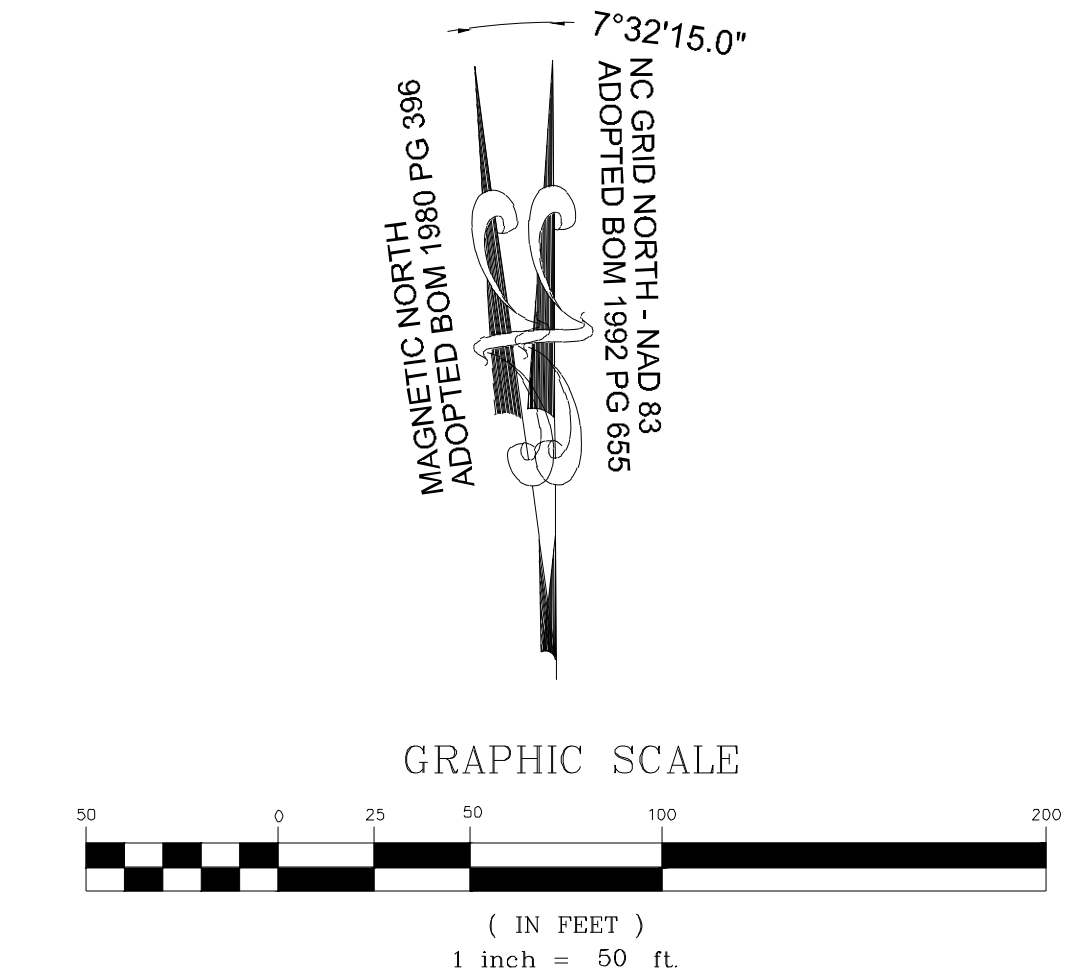
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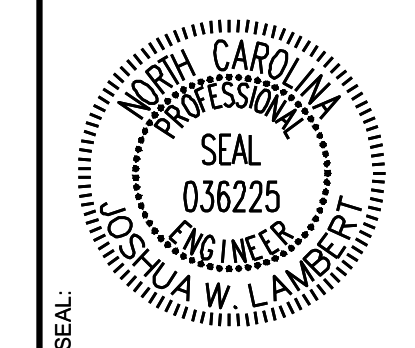


**LEGEND:**

	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



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SRG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SRG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SRG



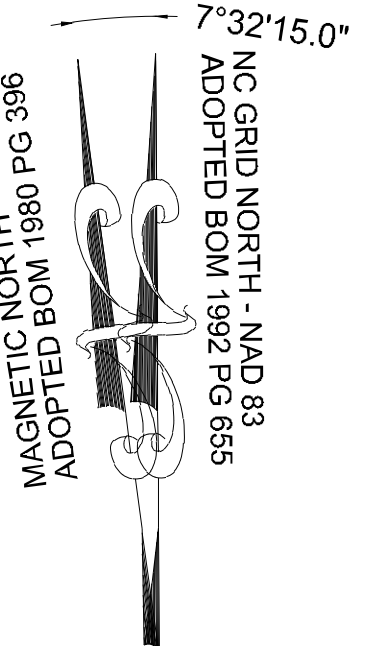
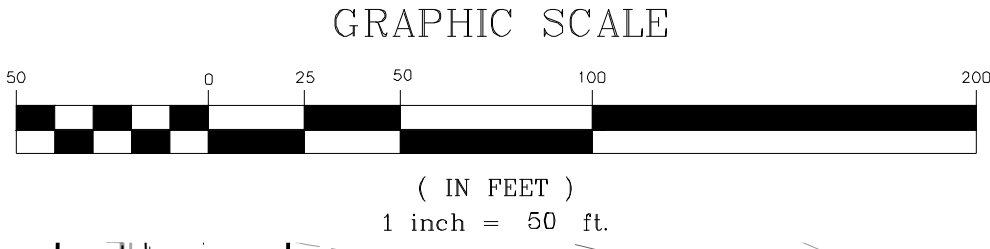
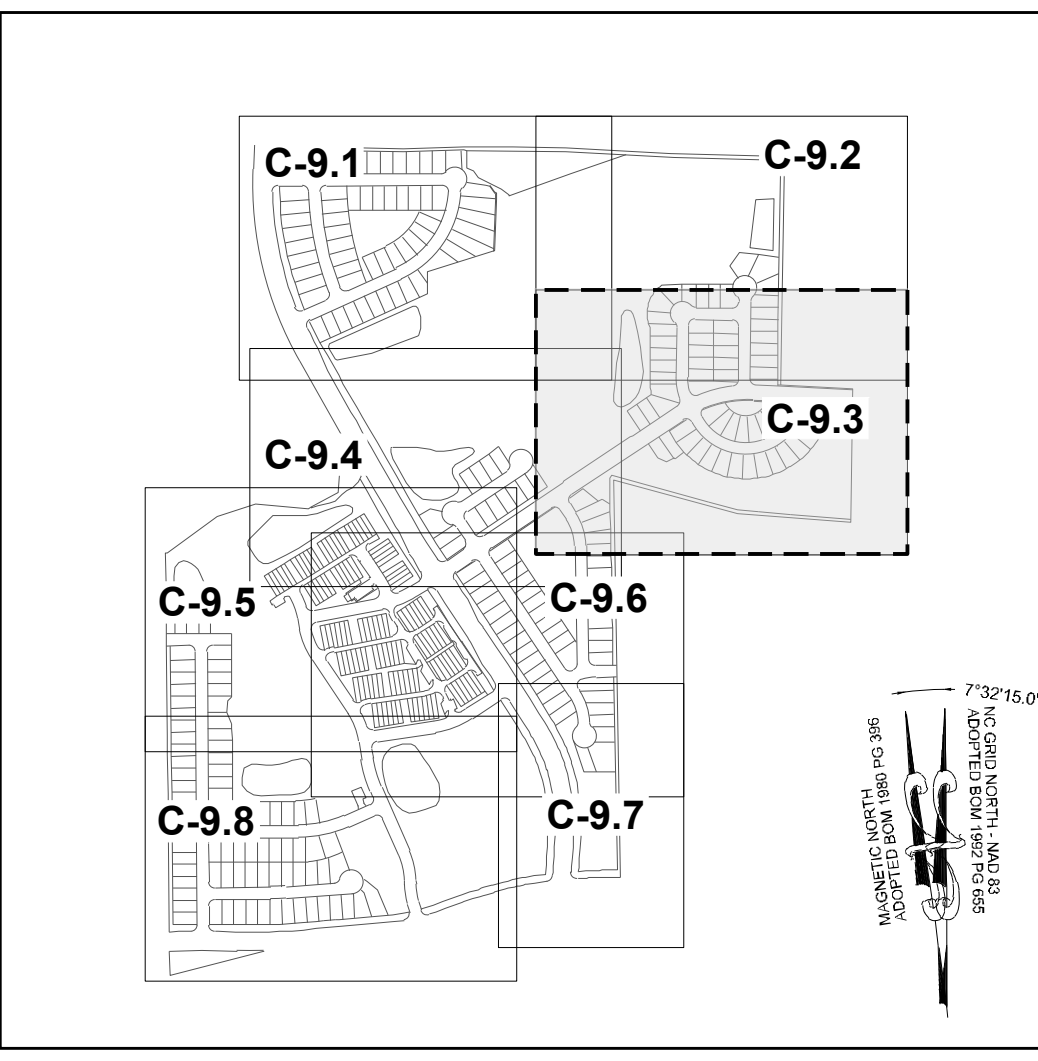
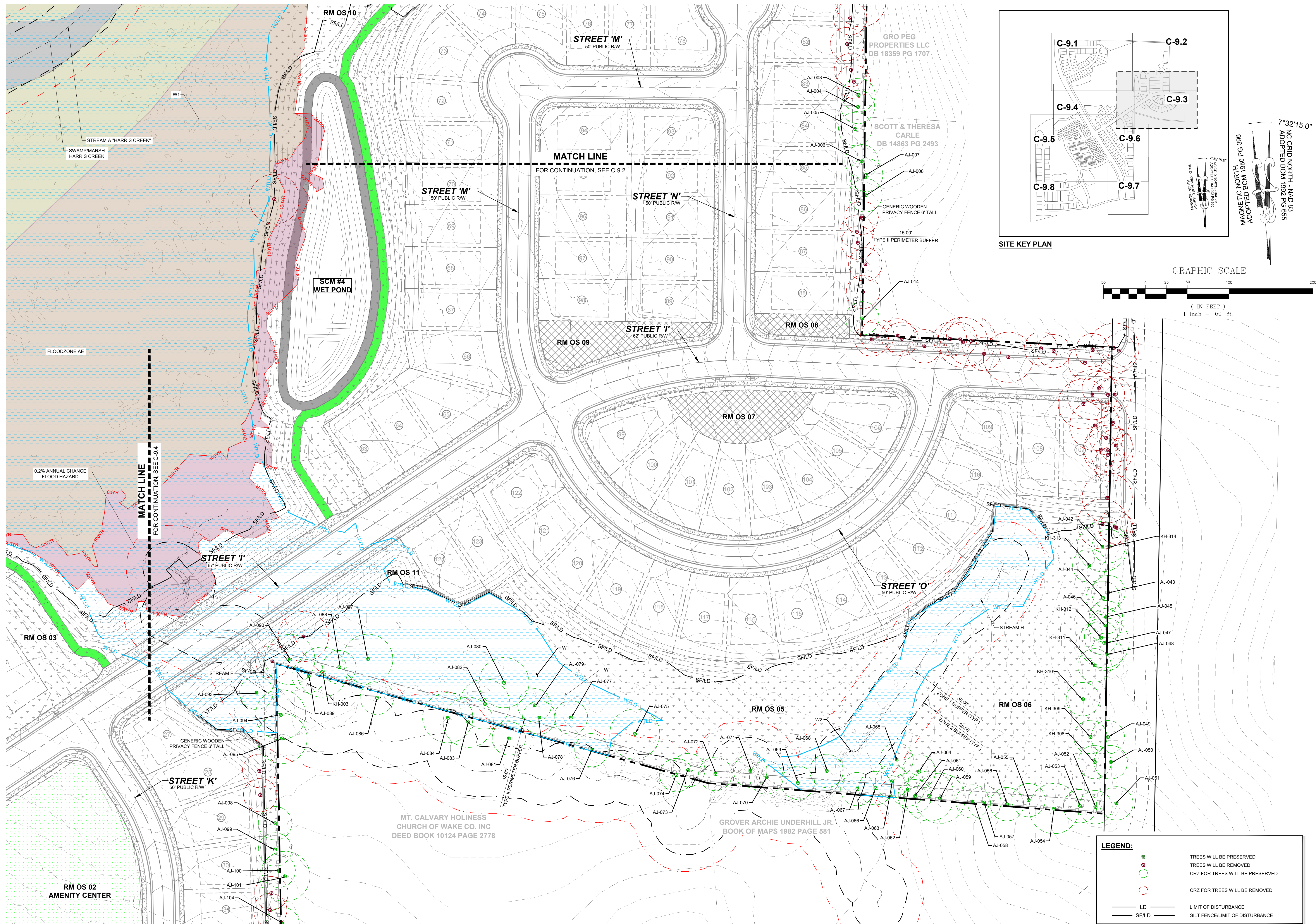
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ENGINEERING GROUP  
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STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	SCALE AS SHOWN	DESIGNED BY JWL	DRAWN BY SRG	CHECKED BY JWL
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RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PRESERVATION PLAN II

DRAWING SHEET  
**C-9.2**

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NO.	REVISIONS	DATE	BY
01			
02			
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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

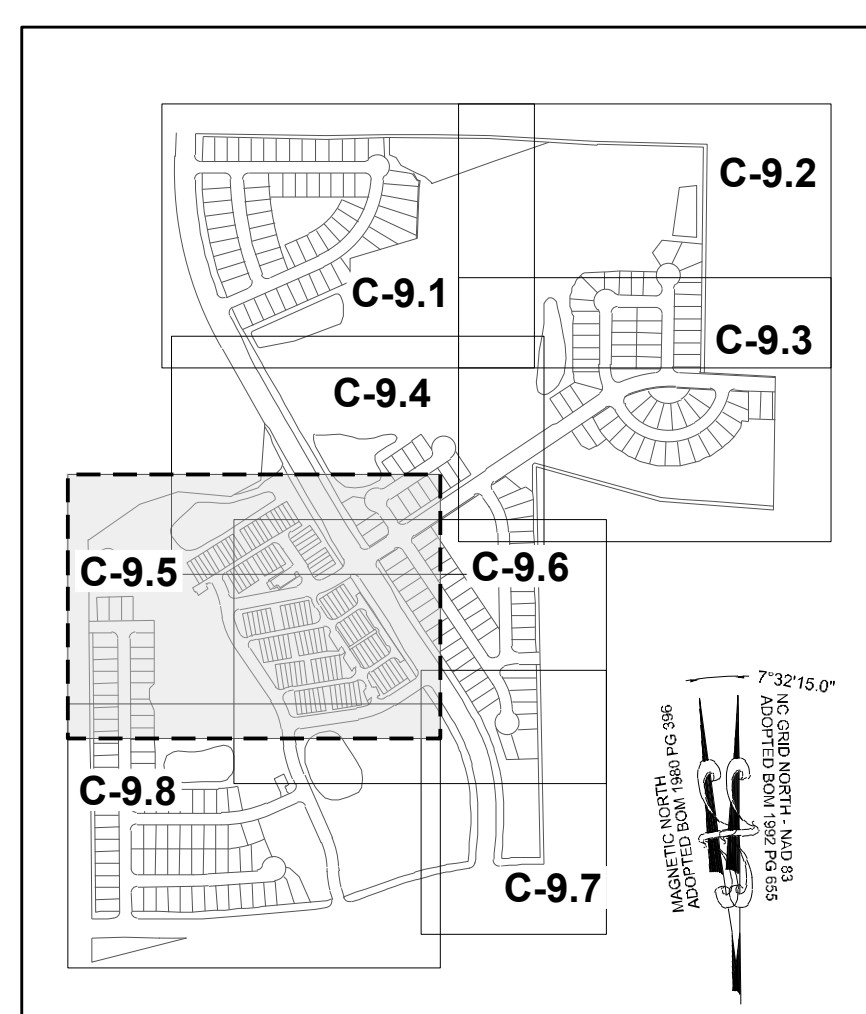
DRAWING SHEET  
**C-9.3**

**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

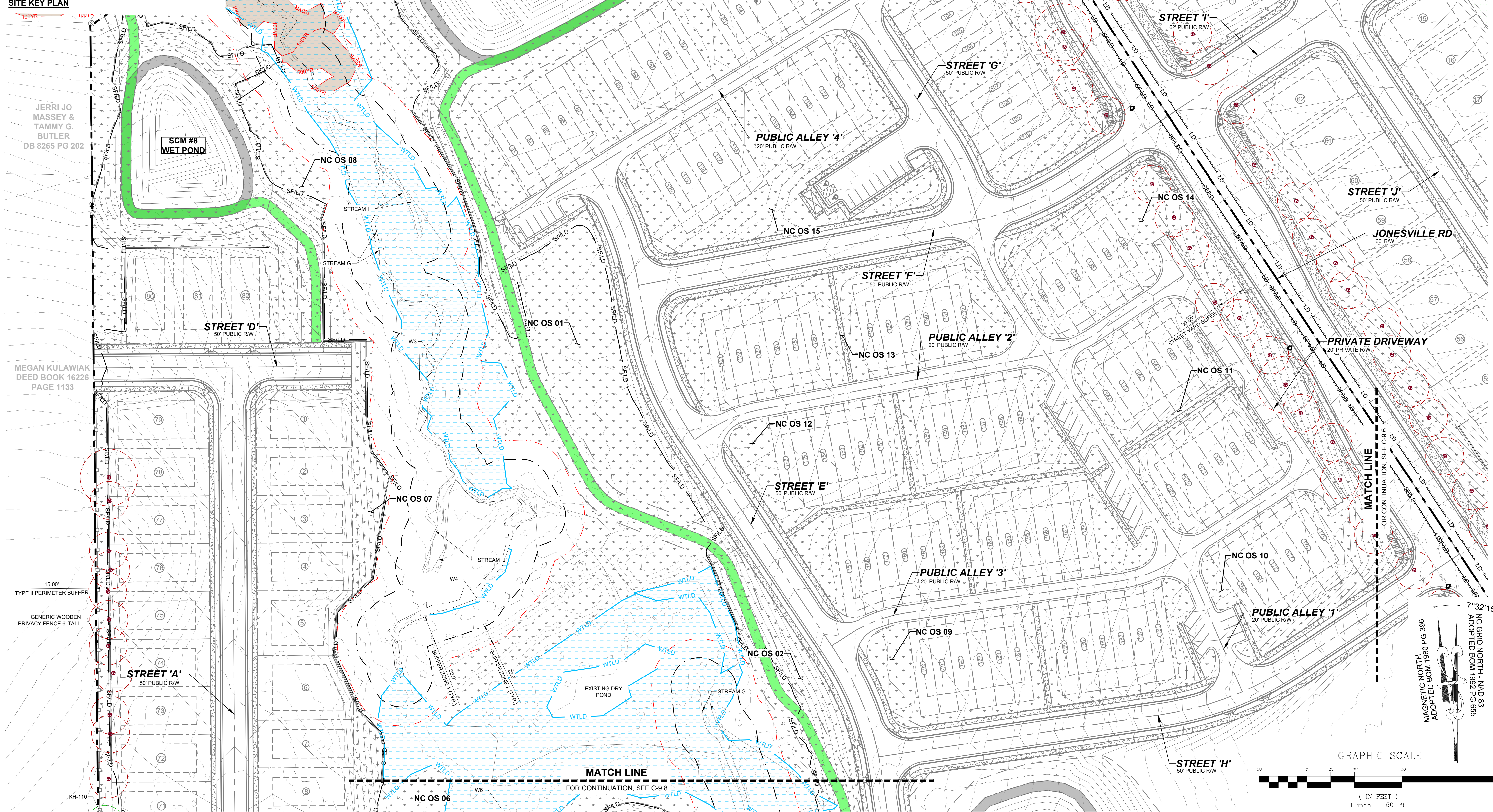
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**LEGEND:**

	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



SITE KEY PLAN

JERRI JO MASSEY & TAMMY G. BUTLER DB 8265 PG 202

MEGAN KULAWIAK DEED BOOK 16228 PAGE 1133

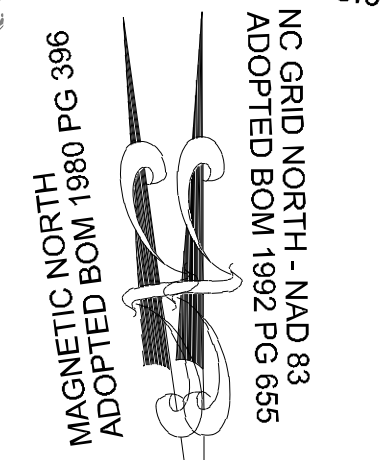
15.00' TYPE II PERIMETER BUFFER

GENERIC WOODEN PRIVACY FENCE 6' TALL

MATCH LINE FOR CONTINUATION, SEE C-9.8

MATCH LINE FOR CONTINUATION, SEE C-9.4

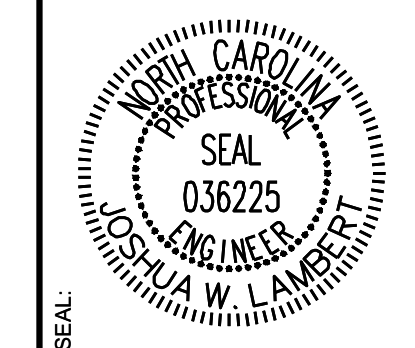
MATCH LINE FOR CONTINUATION, SEE C-9.6



GRAPHIC SCALE

1 inch = 50 ft

NO.	REVISIONS	DATE	BY
01			
02			
03			



**STRONGROCK**  
ENGINEERING GROUP

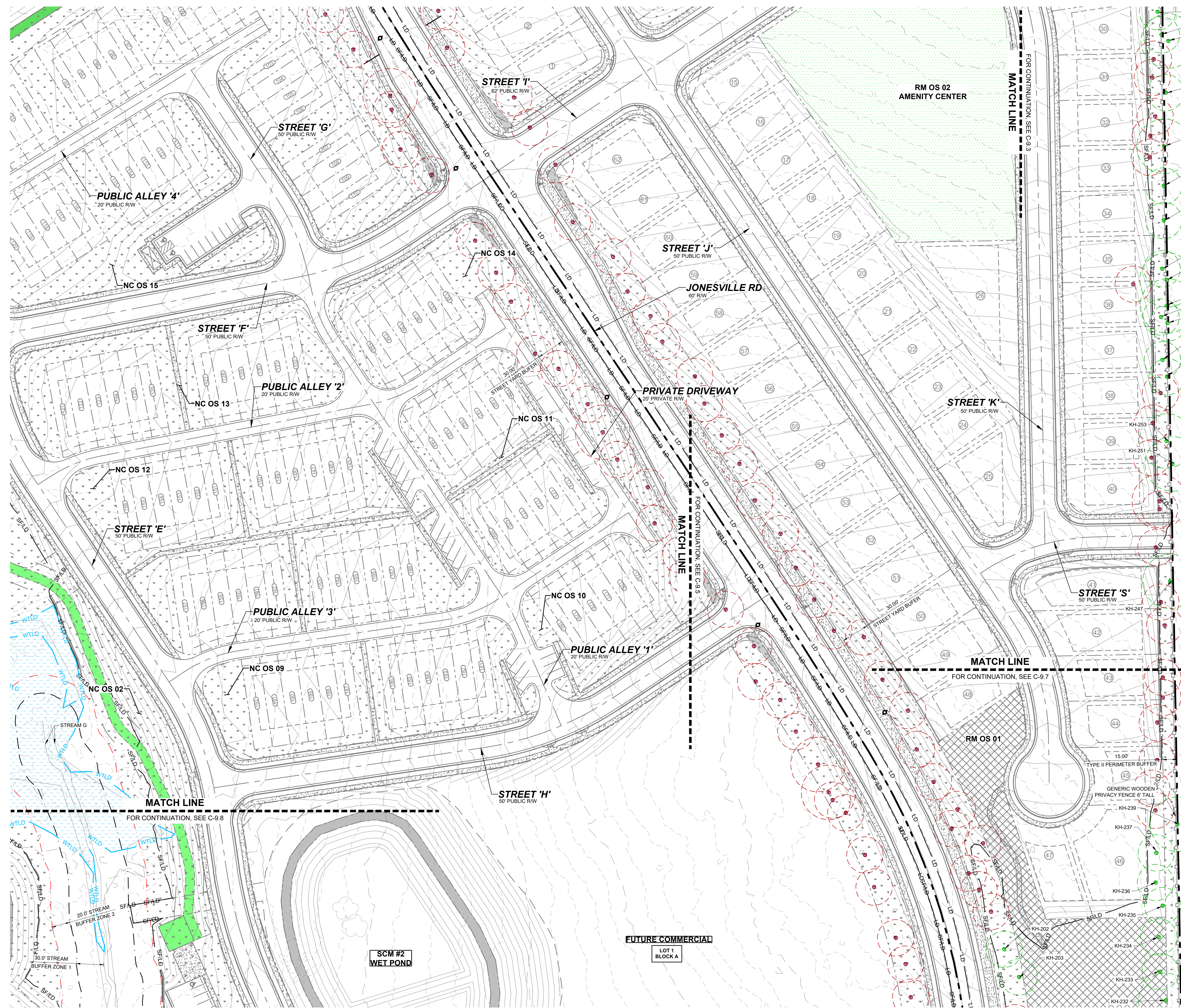
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

STRONG ROCK PROJECT	STRONG ROCK PROJECT PSP-24-03
NOT FOR CONSTRUCTION	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  
PRESERVATION PLAN

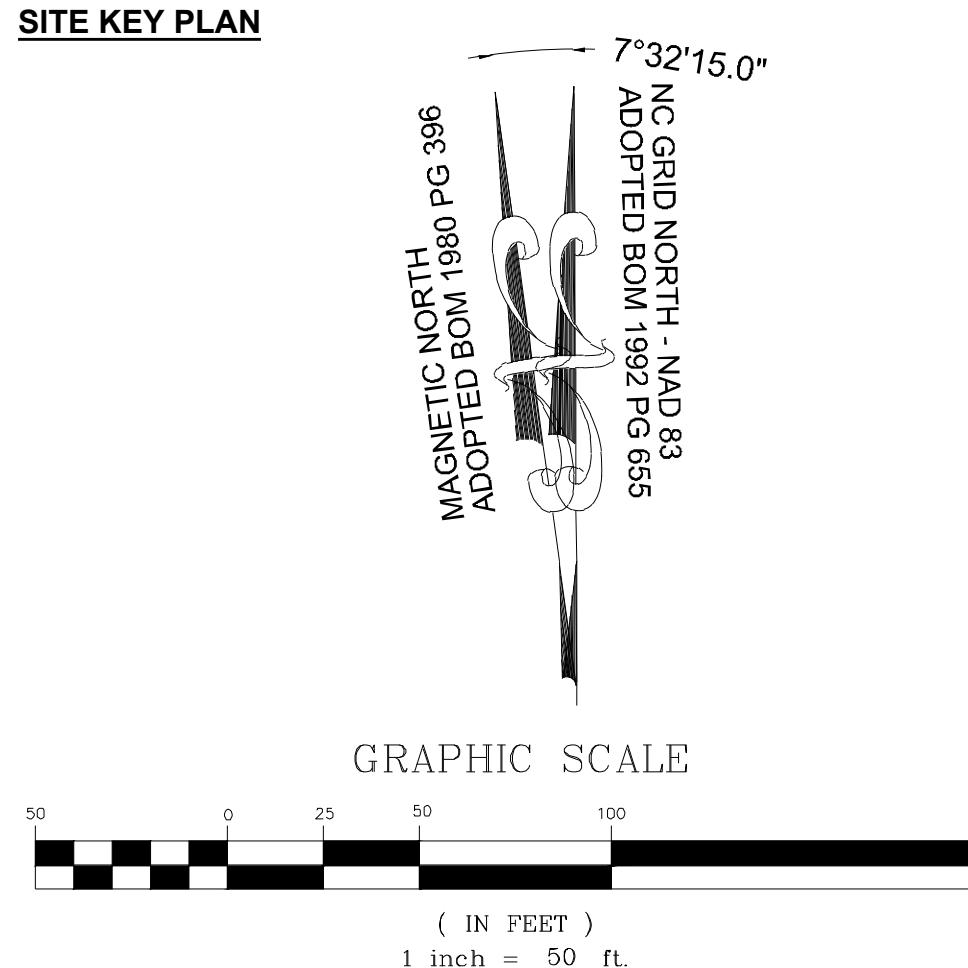
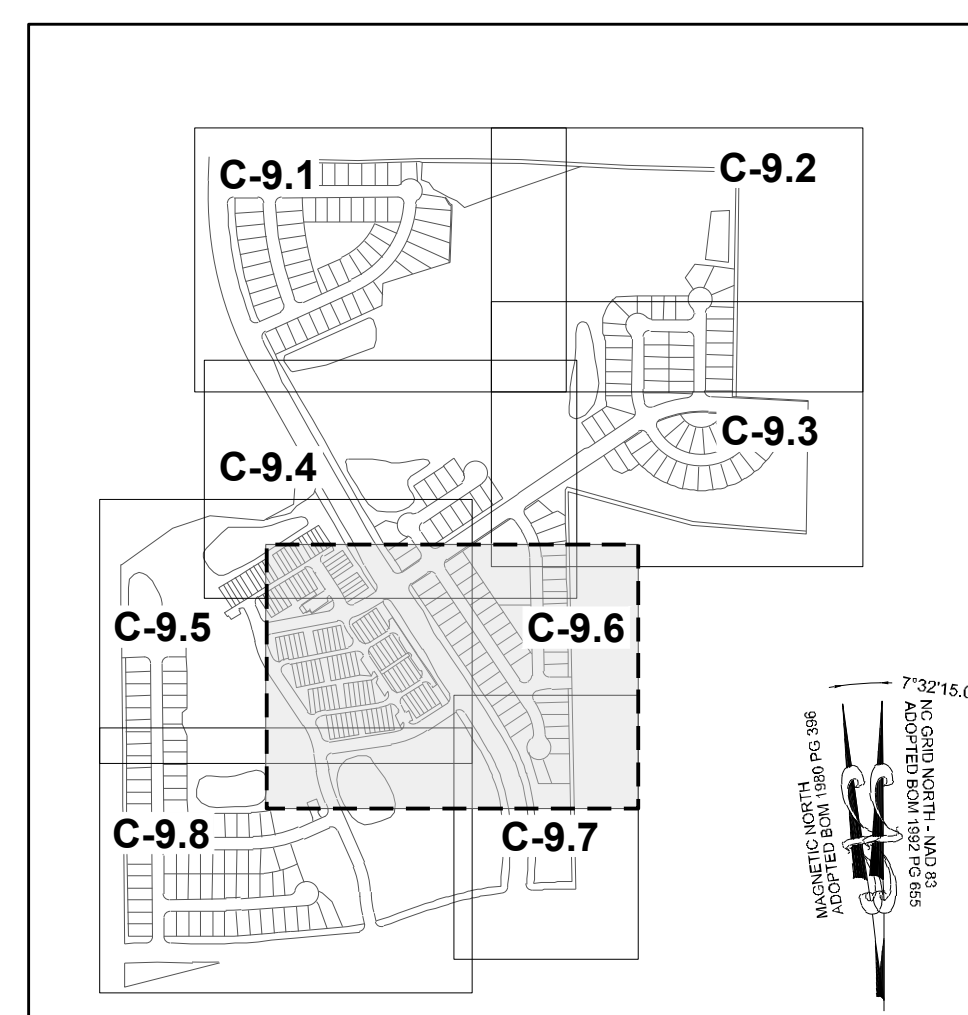
DRAWING SHEET  
**C-9.5**

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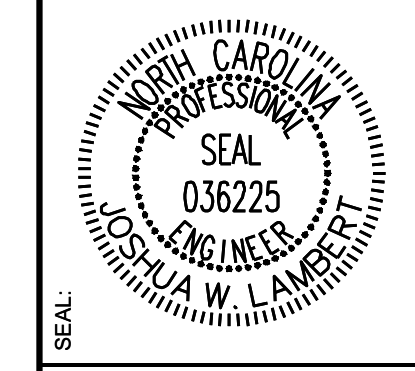


**LEGEND:**

	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



NO.	REVISIONS	DATE	BY
01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	SREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	SREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/01/2024	SREG



**STRONGROCK ENGINEERING GROUP**

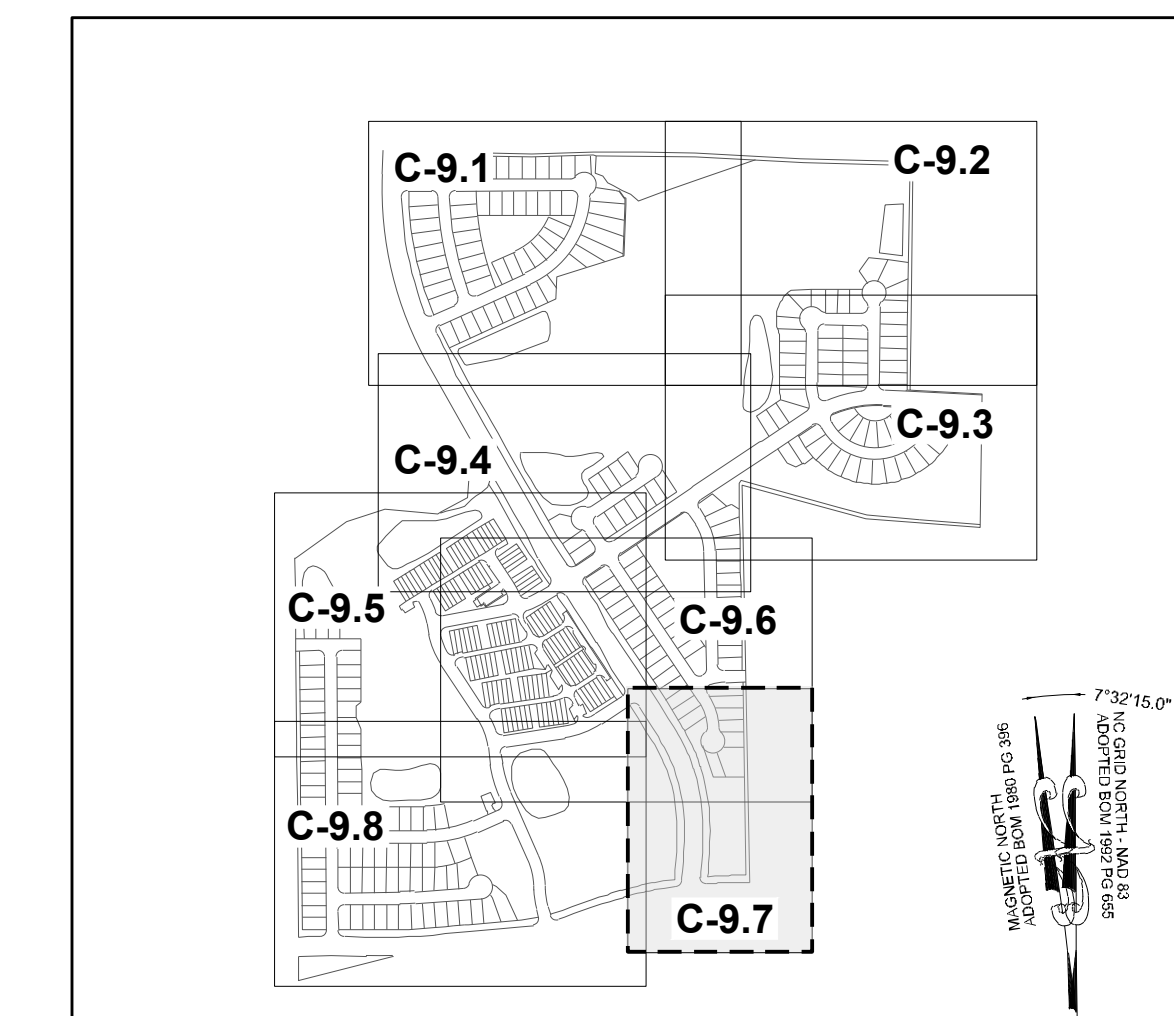
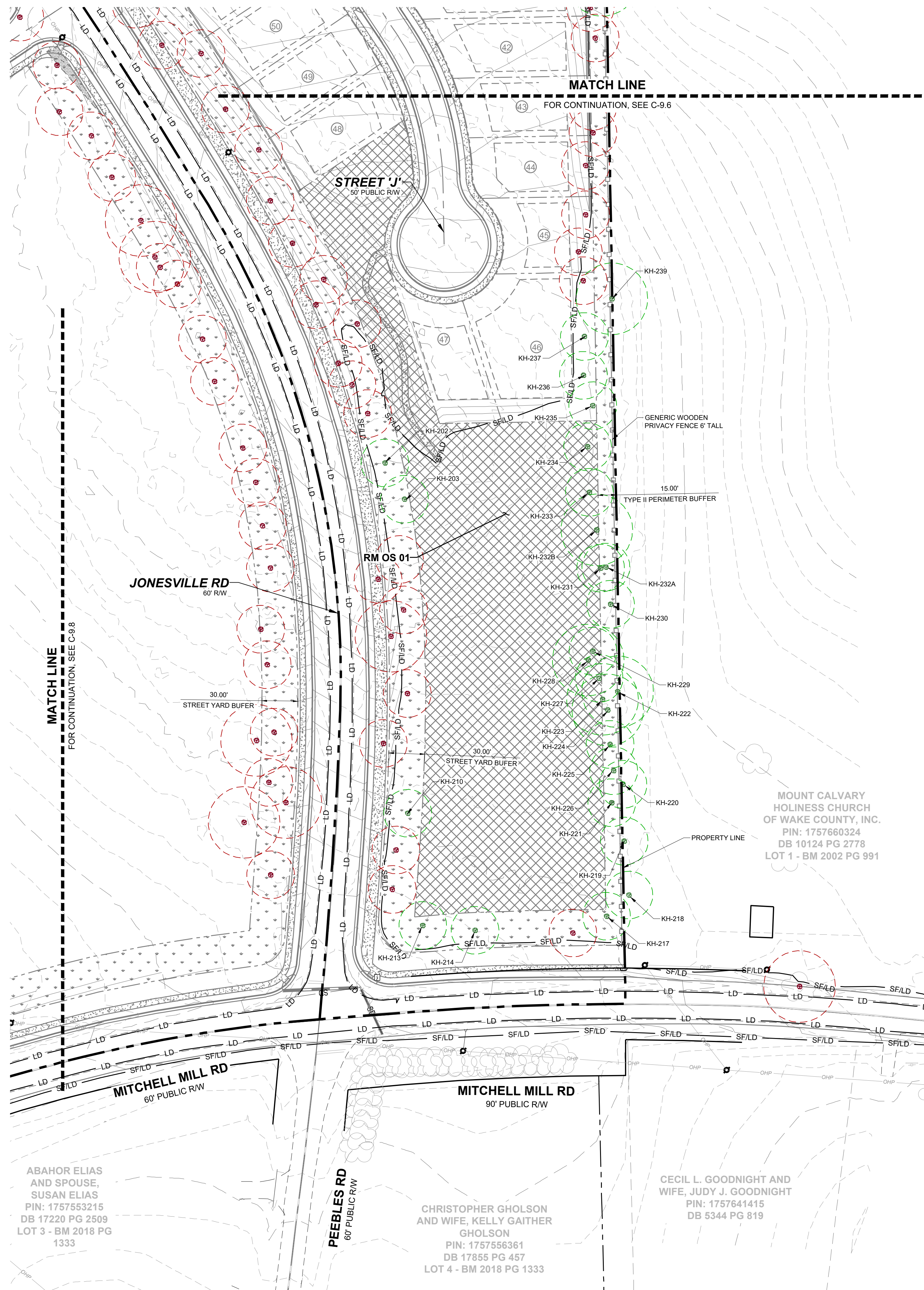
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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 PRESERVATION PLAN VI**

**DRAWING SHEET**  
**C-9.6**  
 69 OF 76

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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

NO.	REVISIONS	DATE	BY
01			
02			
03			

PRELIMINARY SUBDIVISION PLAT P-24-03  
 TOWN OF ROLESVILLE COMMENTS P-24-03  
 TOWN OF ROLESVILLE COMMENTS P-24-03

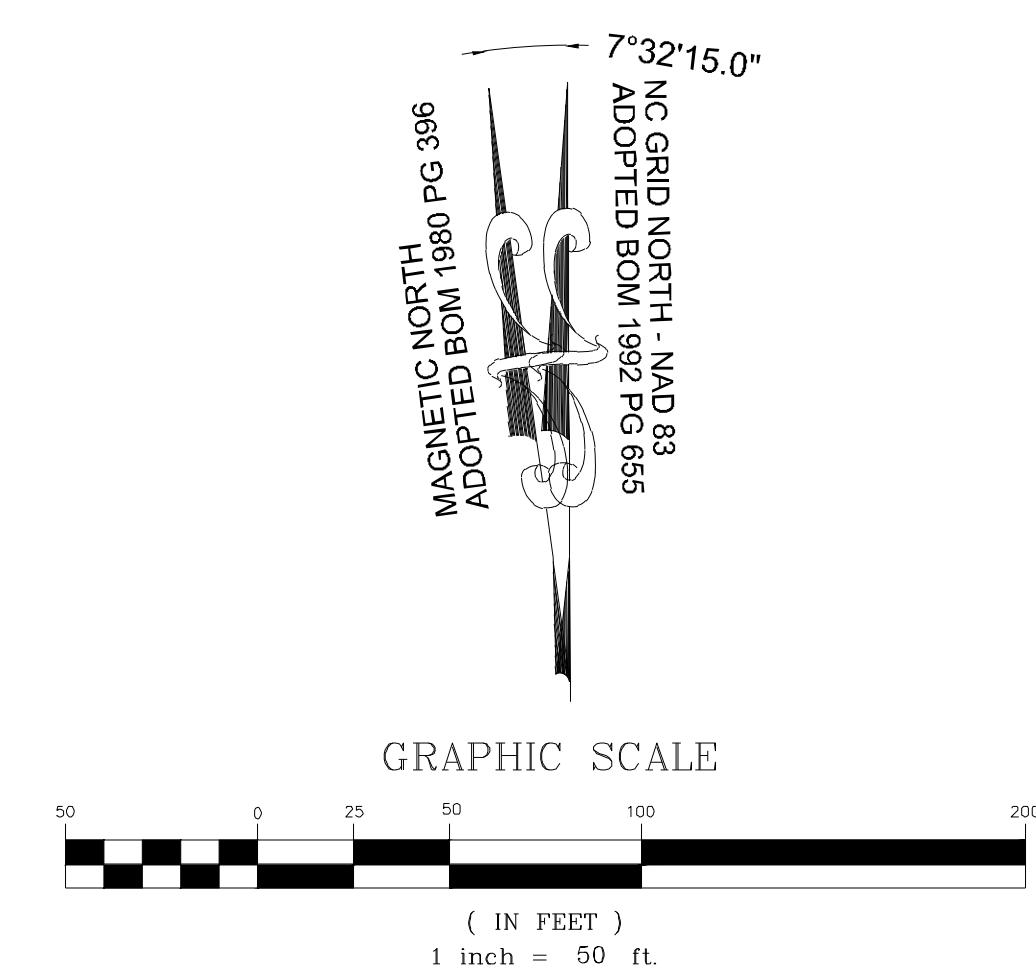
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 305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

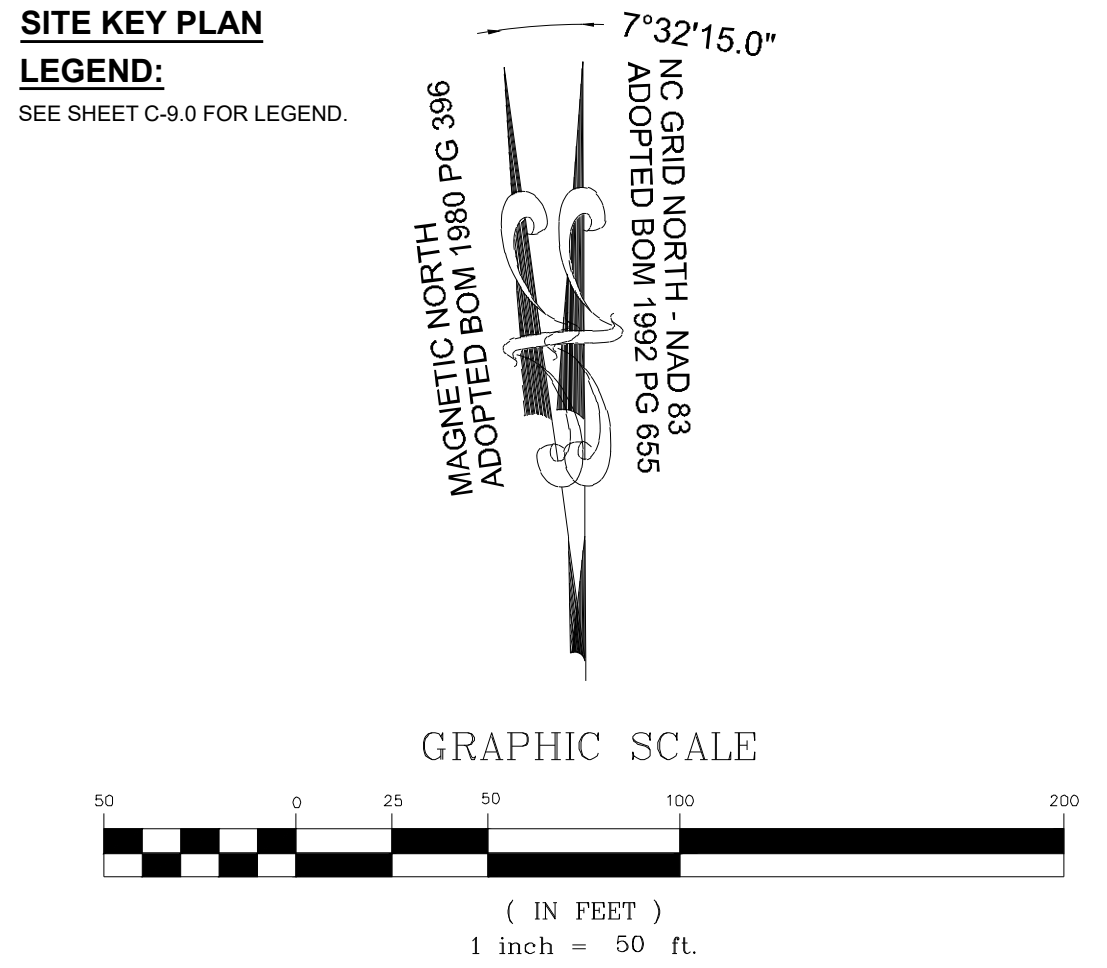
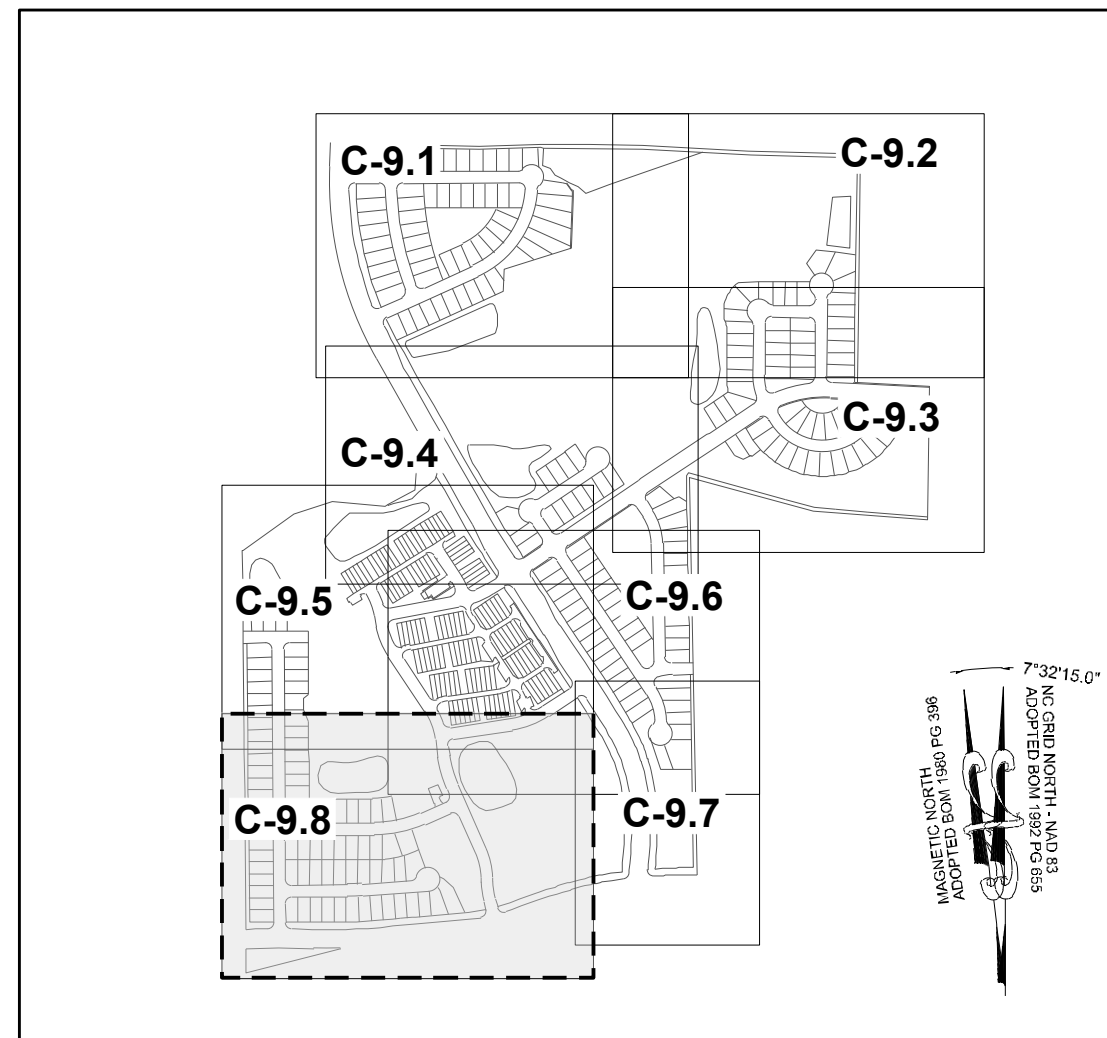
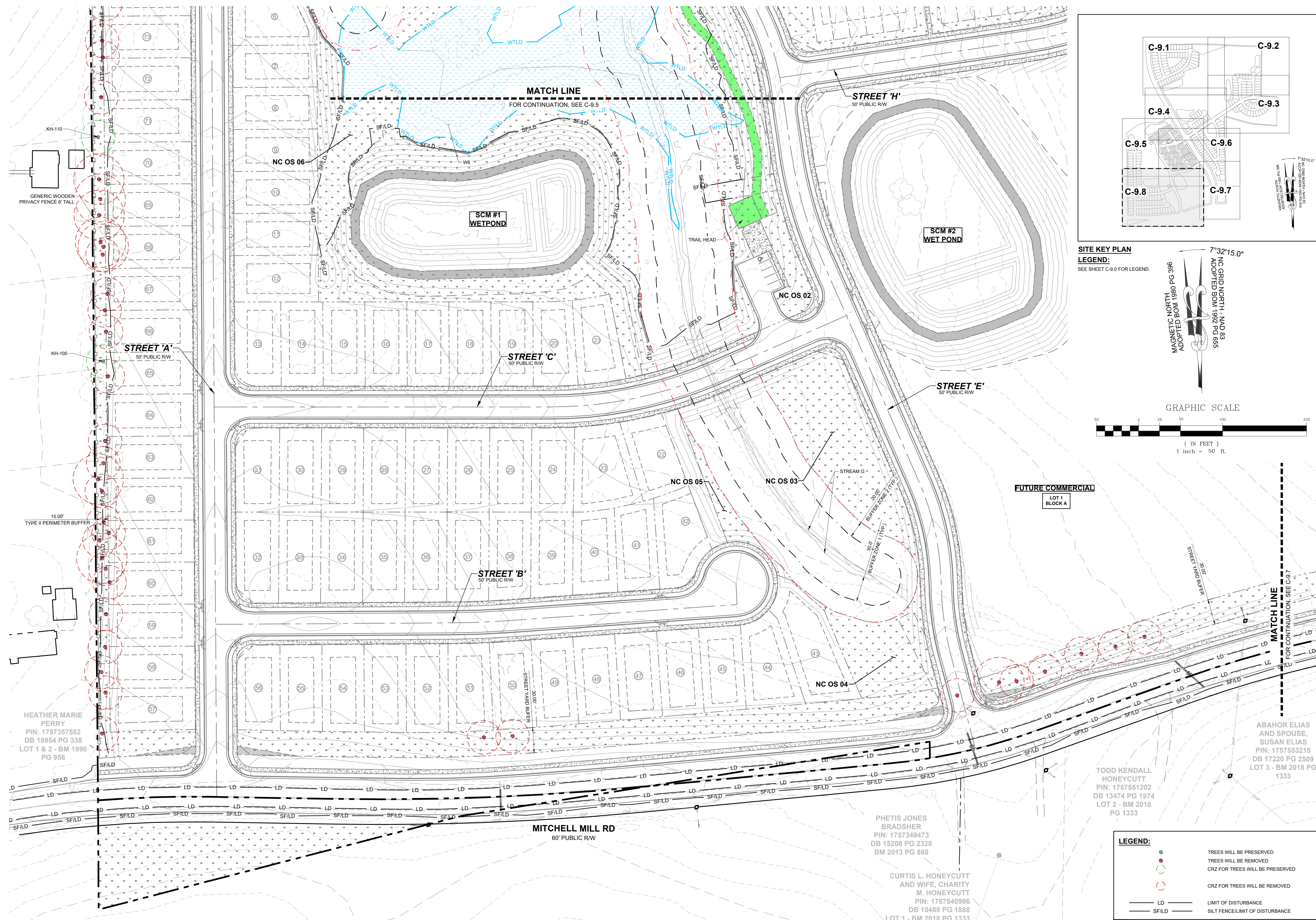
STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

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

DRAWING SHEET  
**C-9.7**



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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

01	PRELIMINARY SUBDIVISION PLAT P-24-03	08/01/2023	ISREG
02	TOWN OF ROLESVILLE COMMENTS P-24-03	12/05/2023	ISREG
03	TOWN OF ROLESVILLE COMMENTS P-24-03	03/07/2024	ISREG

**STRONGROCK ENGINEERING GROUP**

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

SEAL:

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

**DRAWING SHEET**  
**C-9.8**

HEATHER MARIE PERRY  
 PIN: 1757357582  
 DB 18954 PG 338  
 LOT 1 & 2 - BM 1990  
 PG 956

PHETIS JONES BRADSHER  
 PIN: 1757349473  
 DB 15208 PG 2320  
 BM 2013 PG 868

CURTIS L. HONEYCUTT AND WIFE, CHARITY M. HONEYCUTT  
 PIN: 1757540996  
 DB 10488 PG 1888  
 LOT 1 - BM 2018 PG 1333

TODD KENDALL HONEYCUTT  
 PIN: 1757551202  
 DB 13474 PG 1974  
 LOT 2 - BM 2018  
 PG 1333

ABAHOR ELIAS AND SPOUSE, SUSAN ELIAS  
 PIN: 1757553215  
 DB 17220 PG 2509  
 LOT 3 - BM 2018 PG 1333

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	PLATYCLADUS ORIENTALIS
PRSE	PRUNUS SEROTINA
QUAL	QUERCUS ALBA
QUFA	QUERCUS FALCATA
QUNI	QUERCUS NIGRA
QUPA	QUERCUS PAGODA
QUPH	QUERCUS PHELLOS
QURU	QUERCUS RUBRA
QUST	QUERCUS STELLATA
QUVE	QUERCUS VELUTINA
ULAL	ULMUS ALATA
ULRU	ULMUS RUBRA

TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
AJ-052	QURU	12"	GOOD
AJ-053	QUAL	4"	GOOD
AJ-054	QUAL	32"	GOOD
AJ-055	OXAR	6"	GOOD
AJ-056	QURU	19"	GOOD
AJ-057	QUAL	13"	GOOD
AJ-058	LITU	17"	GOOD
AJ-059	LITU	24"	GOOD
AJ-060	QURU	32"	GOOD
AJ-061	ILOP	6"	GOOD
AJ-062	QURU	20"	GOOD
AJ-063	LITU	12"	GOOD
AJ-064	QURU	19"	GOOD
AJ-065	LITU	16"	GOOD
AJ-066	OXAF	14"	GOOD
AJ-067	ACRU	4"	GOOD
AJ-068	ACRU	5"	GOOD
AJ-069	ACRU	10"	GOOD
AJ-070	ACRU	6"	GOOD
AJ-071	ACRU	6"	GOOD
AJ-072	PRSE	9"	GOOD
AJ-073	DIVI	3"	GOOD
AJ-074	LITU	8"	FAIR
AJ-075	ACRU	21"	GOOD
AJ-076	LITU	13"	GOOD

TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
KH-170	QURM	23"	GOOD
KH-171	PITA	21"	GOOD
KH-172	PITA	24"	GOOD
KH-173	LIST	98"	FAIR
KH-204	QUNI	8"	GOOD
KH-210	PITA	13"	GOOD
KH-213	PITA	16"	GOOD
KH-214	PITA	10"	GOOD
KH-217	PITA	14"	GOOD
KH-218	ULRU	11"	GOOD
KH-219	QUNI	4"	GOOD
KH-220	ULRU	15"	GOOD
KH-221	JUVI	5"	GOOD
KH-222	QURU	56"	GOOD
KH-223	QURU	22"	GOOD
KH-224	QURU	25"	GOOD
KH-225	ULRU	10"	GOOD
KH-226	CATO	6"	GOOD
KH-227	QURU	11"	GOOD
KH-228	PITA	22"	GOOD
KH-229	QURU	13"	GOOD
KH-230	QUAL	16"	GOOD
KH-231	QURU	17"	FAIR
KH-232A	QURU	18"	GOOD
KH-232B	QURU	20/11"	GOOD

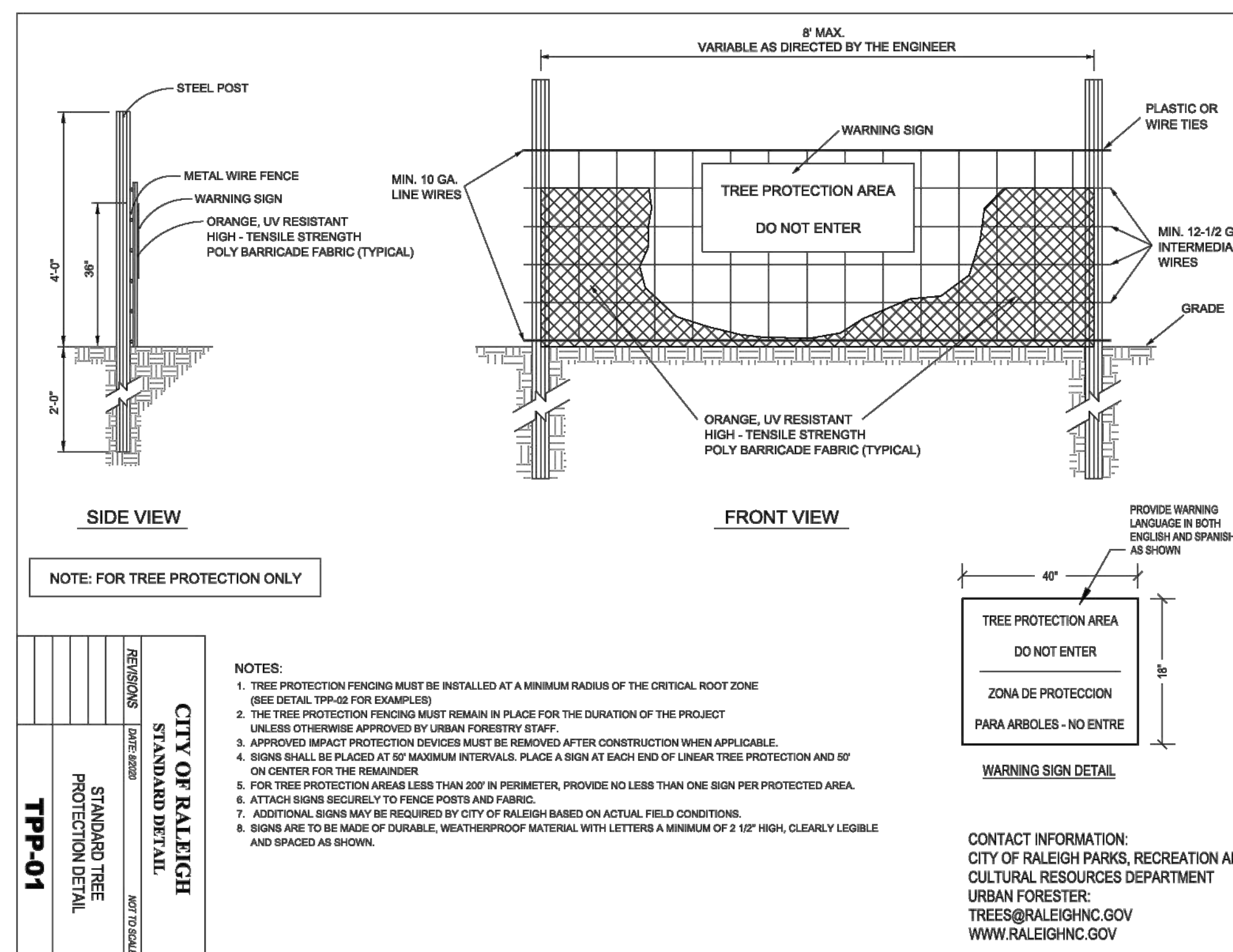
TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
AJ-115	CACA	5"	GOOD
AJ-116	QUST	20"	GOOD
AJ-117A	CACA	6"	GOOD
AJ-117B	CACA	7"	GOOD
AJ-123	PITA	23"	GOOD
AJ-124	PITA	25"	GOOD
AJ-125	PRSE	6"	GOOD
AJ-126	QUNI	7"	GOOD
AJ-127	QUNI	7"	GOOD
AJ-128	PITA	20"	GOOD
AJ-129	PITA	20"	GOOD
AJ-130	LITU	21"	GOOD
AJ-131	ULRU	8"	GOOD
KH-002	PITA	30"	GOOD
KH-003	ACRU	31"	GOOD
KH-005	QUAL	7"	GOOD
KH-006	LIST	10"	GOOD
KH-007	LIST	6"	GOOD
KH-008	CATO	5"	GOOD
KH-009	JUVI	5"	GOOD
KH-010	QURU	4"	GOOD
KH-011	CATO	6"	GOOD
KH-012	QUAL	21"	GOOD
KH-013	CATO	9"	GOOD
KH-014	QUAL	20"	GOOD

TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
AJ-077	LIST	13"	GOOD
AJ-078	LIST	4"	GOOD
AJ-079	LITU	18"	POOR
AJ-080	LITU	25"	GOOD
AJ-081	PRSE	9"	GOOD
AJ-082	LITU	22"	GOOD
AJ-083	LITU	21"	GOOD
AJ-084	PLOC	41"	GOOD
AJ-086	ACRU	9"	GOOD
AJ-087	LITU	30"	GOOD
AJ-088	LIST	4"	GOOD
AJ-089	ACRU	18"	GOOD
AJ-090	ACRU	30"	GOOD
AJ-092	LIST	4"	GOOD
AJ-093	LIST	9"	GOOD
AJ-094	FRPE	22"	GOOD
AJ-095	LIST	21"	GOOD
AJ-101	QUST	29"	POOR
AJ-104	QURU	19"	GOOD
AJ-107	QURU	28"	GOOD
AJ-109	QUST	18"	GOOD
AJ-110	PRSE	6"	GOOD
AJ-111	LIST	14"	GOOD
AJ-112	PITA	21"	GOOD
AJ-114	PITA	28"	GOOD

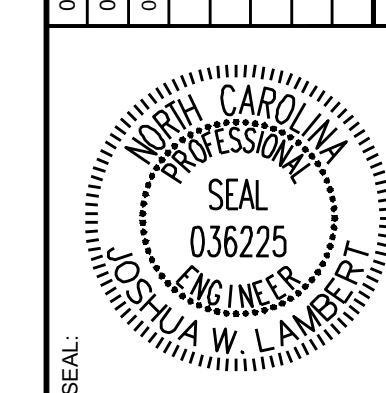
TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
KH-233	QURU	10"	GOOD
KH-234	QURU	10/11/11/11"	FAIR
KH-235	QURU	8"	GOOD
KH-243	QUAL	3"	GOOD
KH-244	QUAL	12/10/9/7"	GOOD
KH-245	QUAL	18/10"	GOOD
KH-246	QUAL	7"	GOOD
KH-247	PITA	25"	GOOD
KH-248	QUAL	8"	GOOD
KH-249	QUAL	10"	GOOD
KH-251	LITU	31/12"	GOOD
KH-253	QURU	23"	GOOD
KH-260	LIST	16"	GOOD
KH-261	LITU	22"	GOOD
KH-262	LIST	9"	GOOD
KH-263	QURU	17"	GOOD
KH-264	QUAL	8"	GOOD
KH-265	PITA	16"	GOOD
KH-266	QURU	14"	GOOD
KH-267	QUAL	11"	GOOD
KH-268	QUAL	12"	GOOD
KH-269	PITA	15"	GOOD
KH-270	PITA	15"	GOOD
KH-271	QURU	8"	GOOD
KH-297	QUNI	5"	GOOD

TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
KH-015	QUPA	15"	GOOD
KH-016	CATO	10"	GOOD
KH-032	DIVI	18"	GOOD
KH-033	PITA	25"	EXCELLENT
KH-034	PITA	18"	EXCELLENT
KH-035	PITA	29"	GOOD
KH-036	LIST	8"	GOOD
KH-037	ULRU	14"	GOOD
KH-038	PITA	17"	GOOD
KH-039	PITA	13"	GOOD
KH-040	PITA	16"	GOOD
KH-041	QUAL	6"	GOOD
KH-042	PITA	18"	GOOD
KH-043	ULRU	6"	GOOD
KH-044	QUNI	5"	FAIR
KH-046	QUNI	6"	GOOD
KH-049	QUNI	5"	GOOD
KH-050	QUNI	5"	GOOD
KH-051	QURU	6"	GOOD
KH-151	ULRU	9"	GOOD
KH-154	MORU	10"	FAIR
KH-155	ULRU	13"	GOOD
KH-164	QURU	23"	GOOD
KH-167	QUAL	21"	GOOD
KH-169	QUAL	22"	GOOD

TREE CODE	BOTANICAL NAME	DBH	CONDITION OVERALL
KH-298	QUNI	3"	GOOD
KH-299	QUNI	5"	FAIR
KH-300	NYSY	5"	GOOD
KH-301	ILOP	5"	GOOD
KH-302	PITA	14"	GOOD
KH-303	NYSY	4"	GOOD
KH-304	ILOP	6"	GOOD
KH-305	QUNI	19"	GOOD
KH-306	QUFA	19"	GOOD
KH-307	QURU	19"	GOOD
N/A	OAK	4"	GOOD



NO.	DATE	REVISIONS
01		
02		
03		



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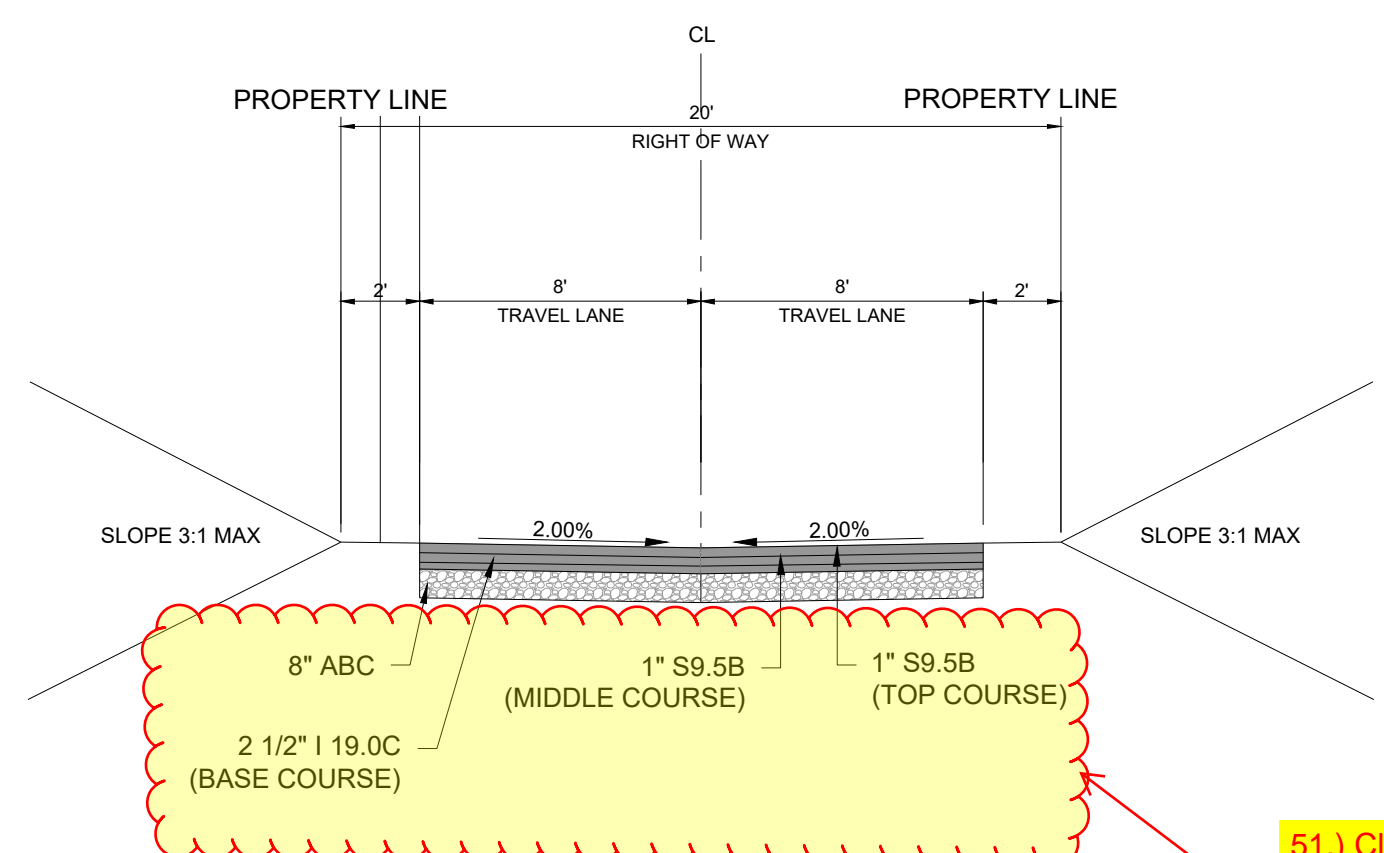
STRONG ROCK ENGINEERING GROUP, PLLC | COMPANY LICENSE # P-2166  
305 CHURCH AT NORTH HILLS STREET, SUITE 1110 RALEIGH, NC 27609 | INFORMATION@STRONGROCKGROUP.COM

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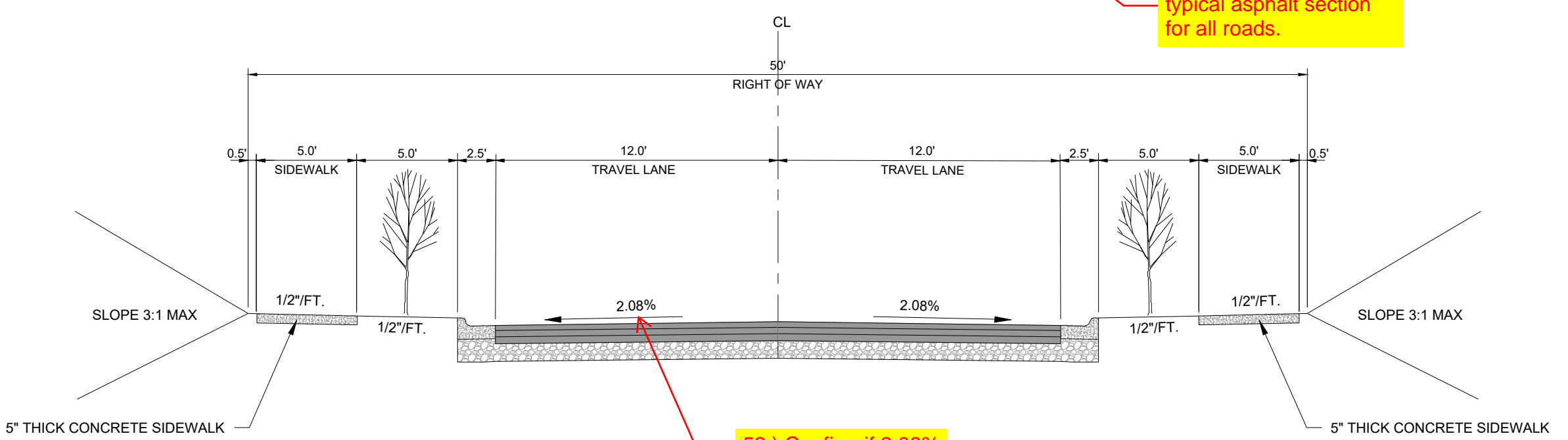
RESERVE @ MITCHELL MILL  
TOWN OF ROLESVILLE, WAKE COUNTY, NORTH CAROLINA  
PRELIMINARY SUBDIVISION PLAT  
PRESERVATION PLAN TABLES

DRAWING SHEET  
**C-9.9**

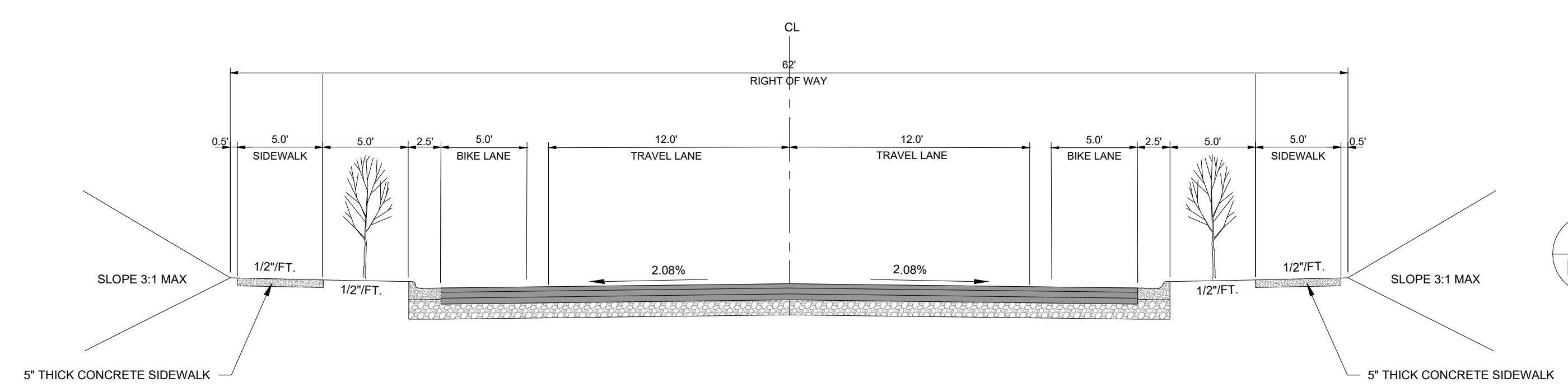




**1**  
ALLEY CROSS SECTION -  
20' ROW  
SCALE: NTS  
D-1.0



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



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

51.) Clarify if this is the typical asphalt section for all roads.

52.) Confirm if 2.08% is intended or a typo.

NO.	REVISIONS	DATE	BY
01			
02			
03			

SEAL: 

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

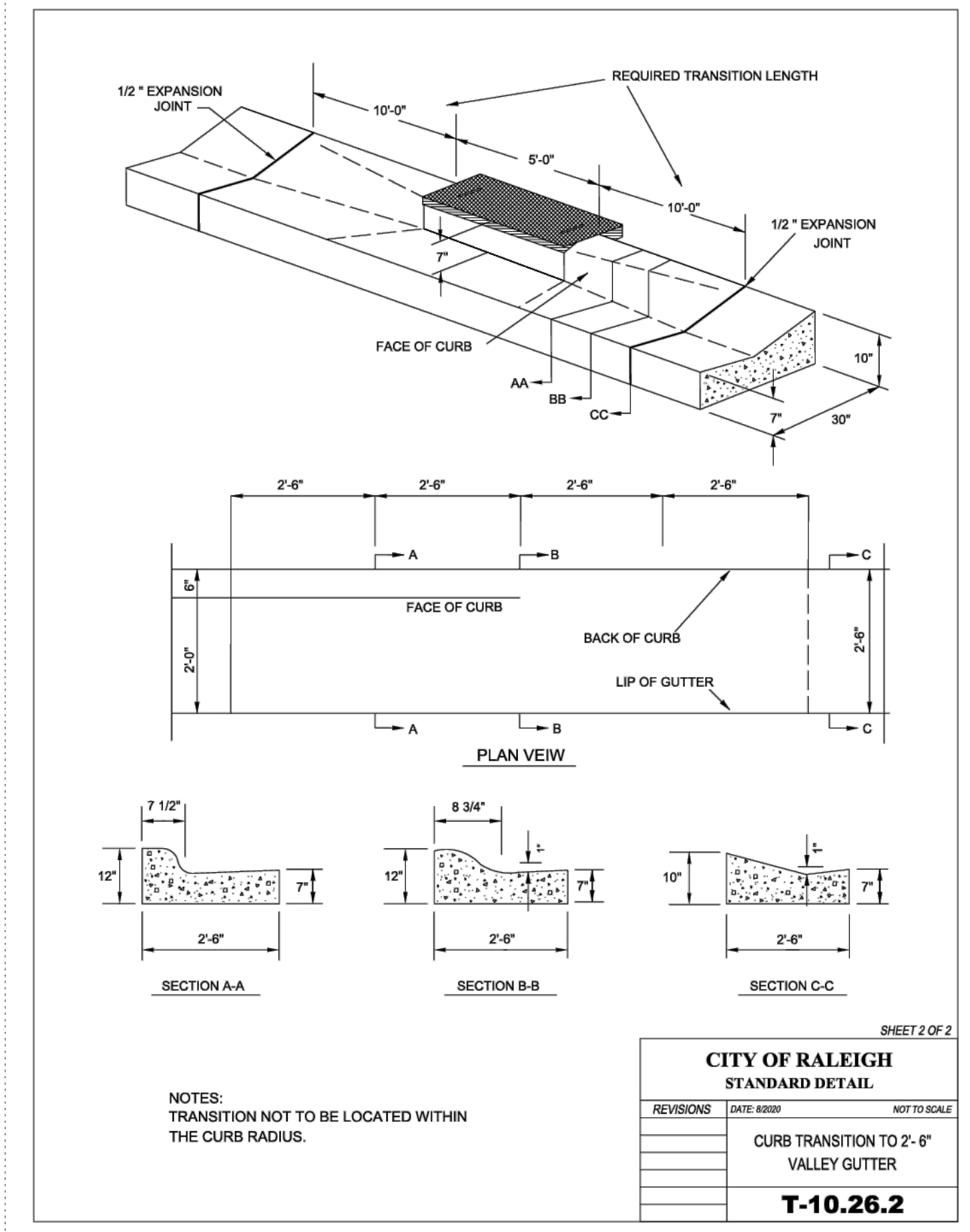
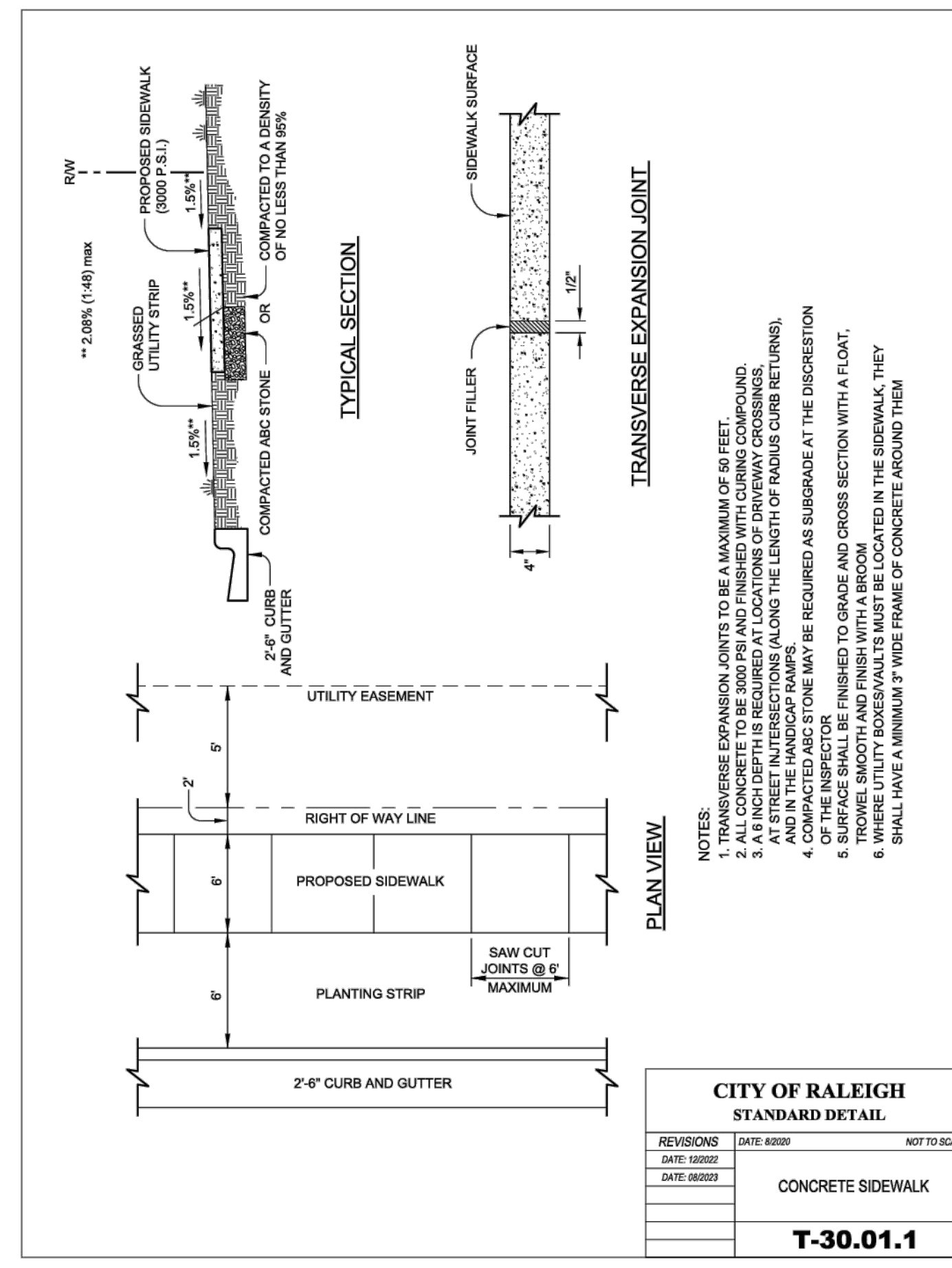
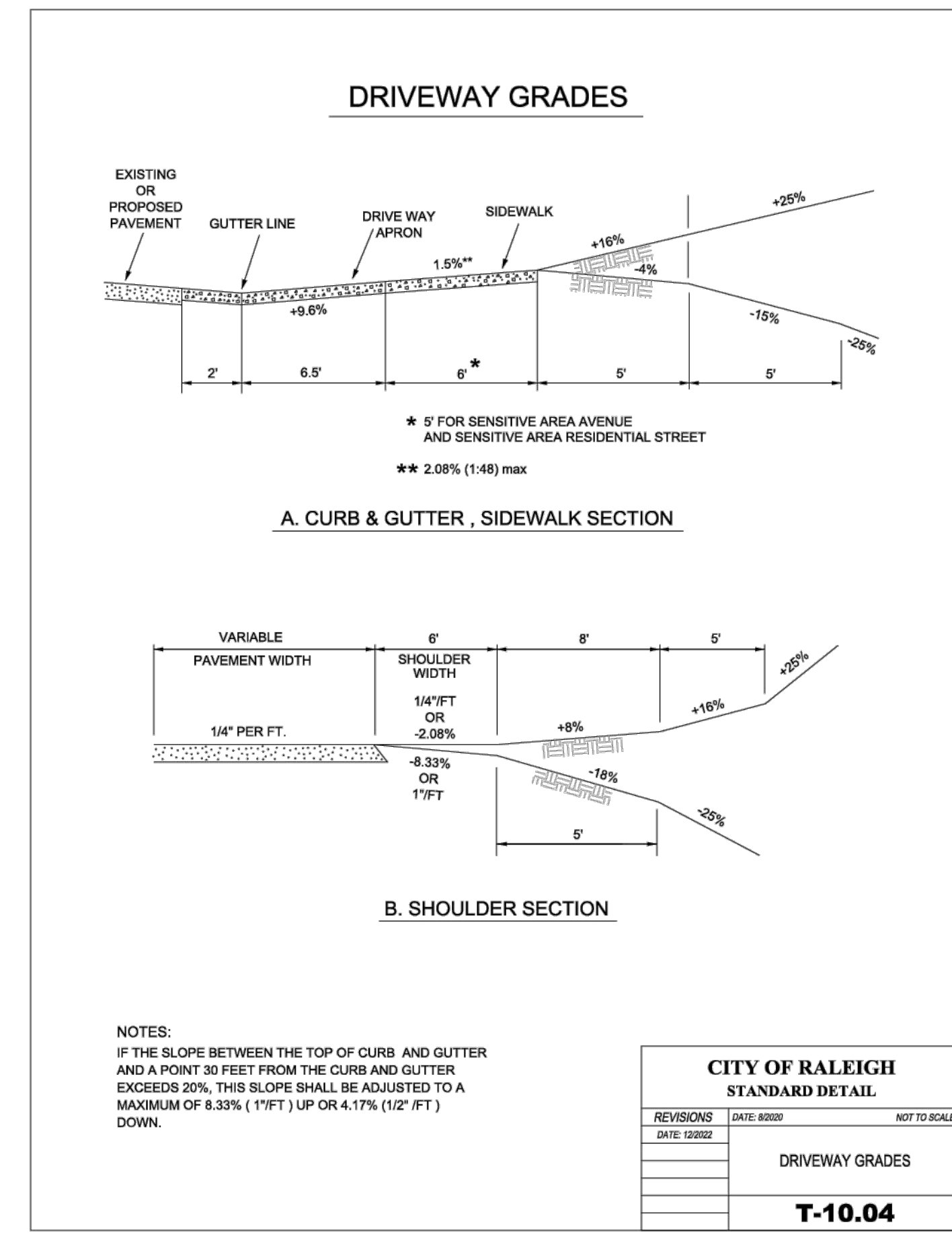
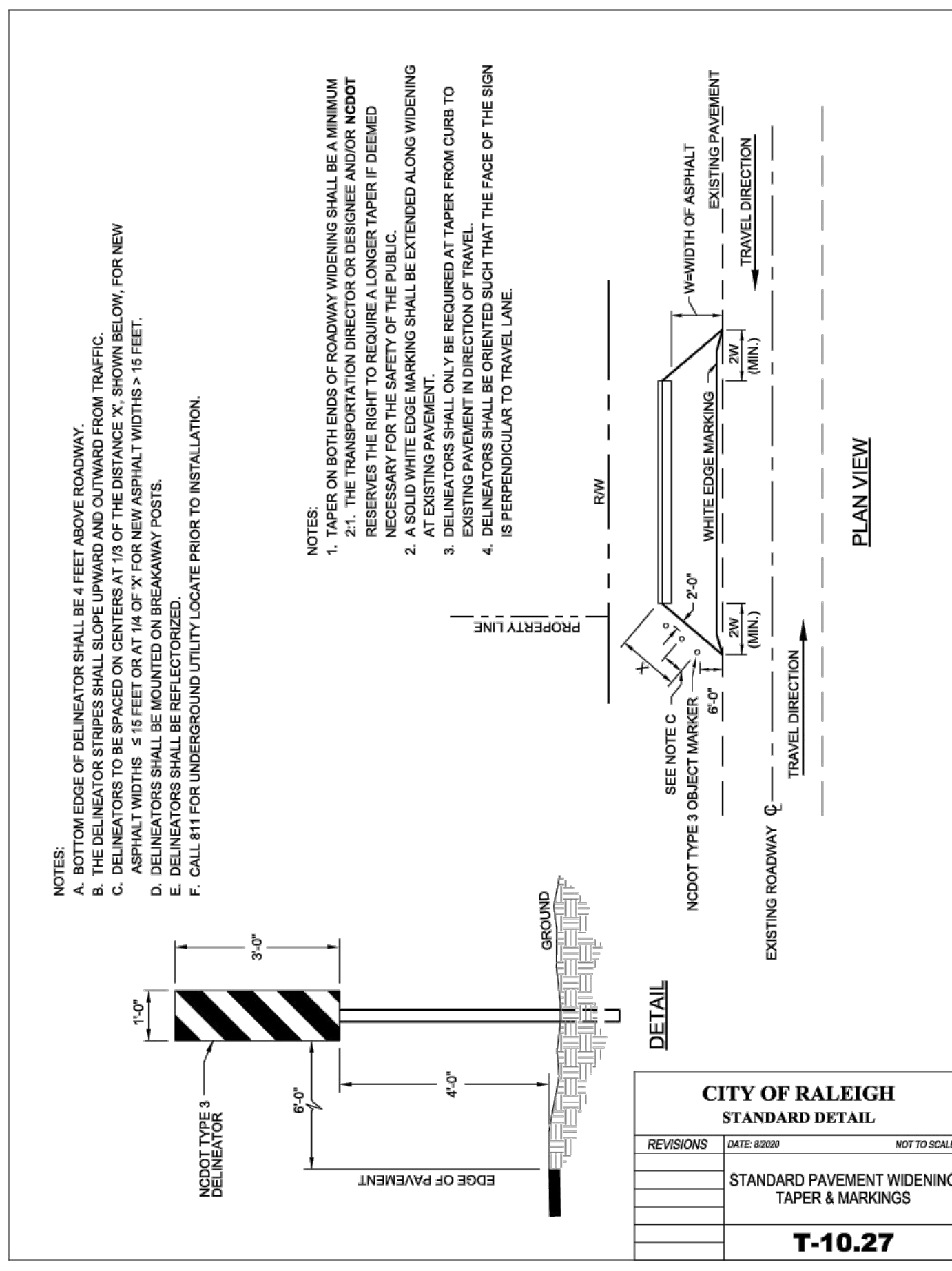
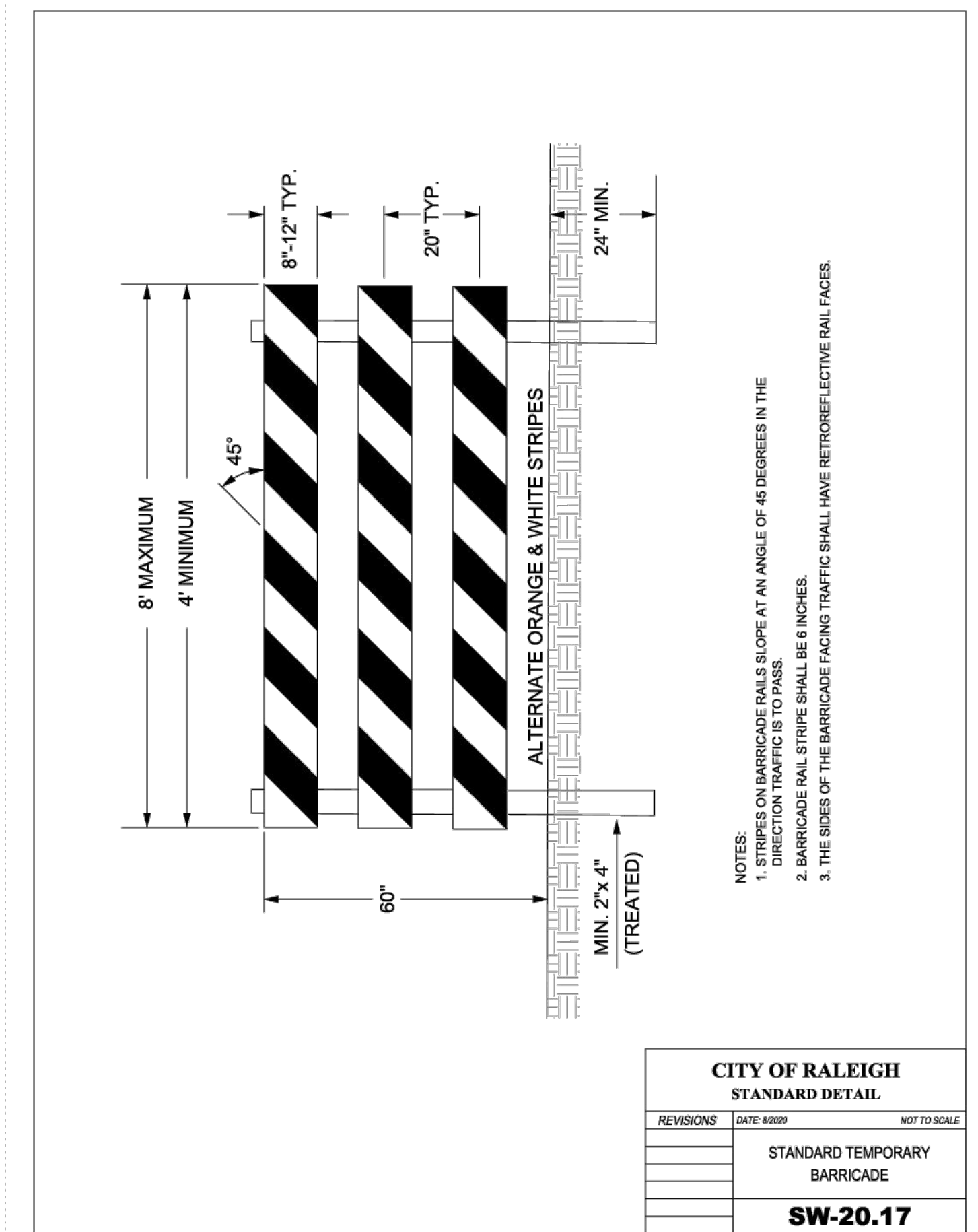
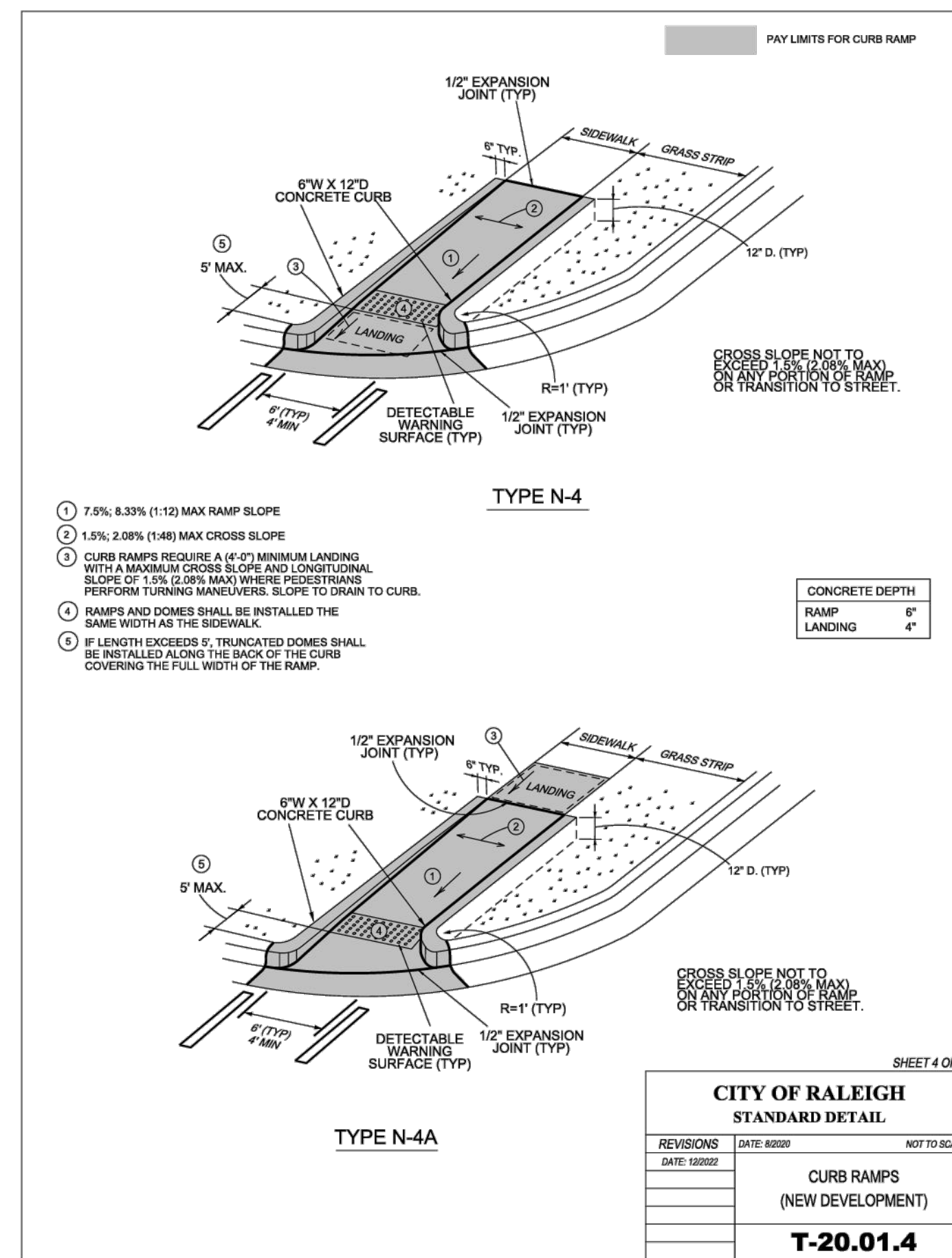
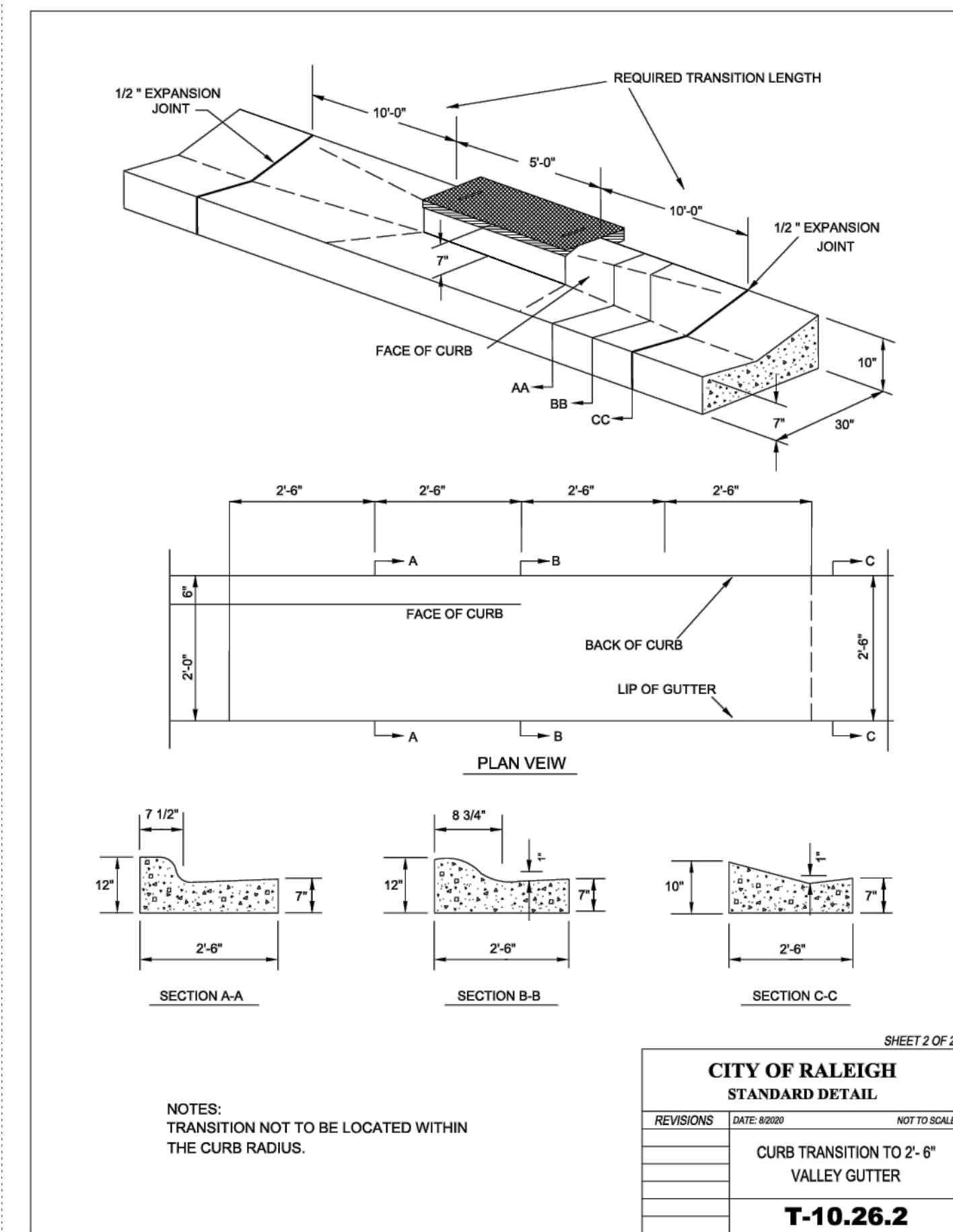
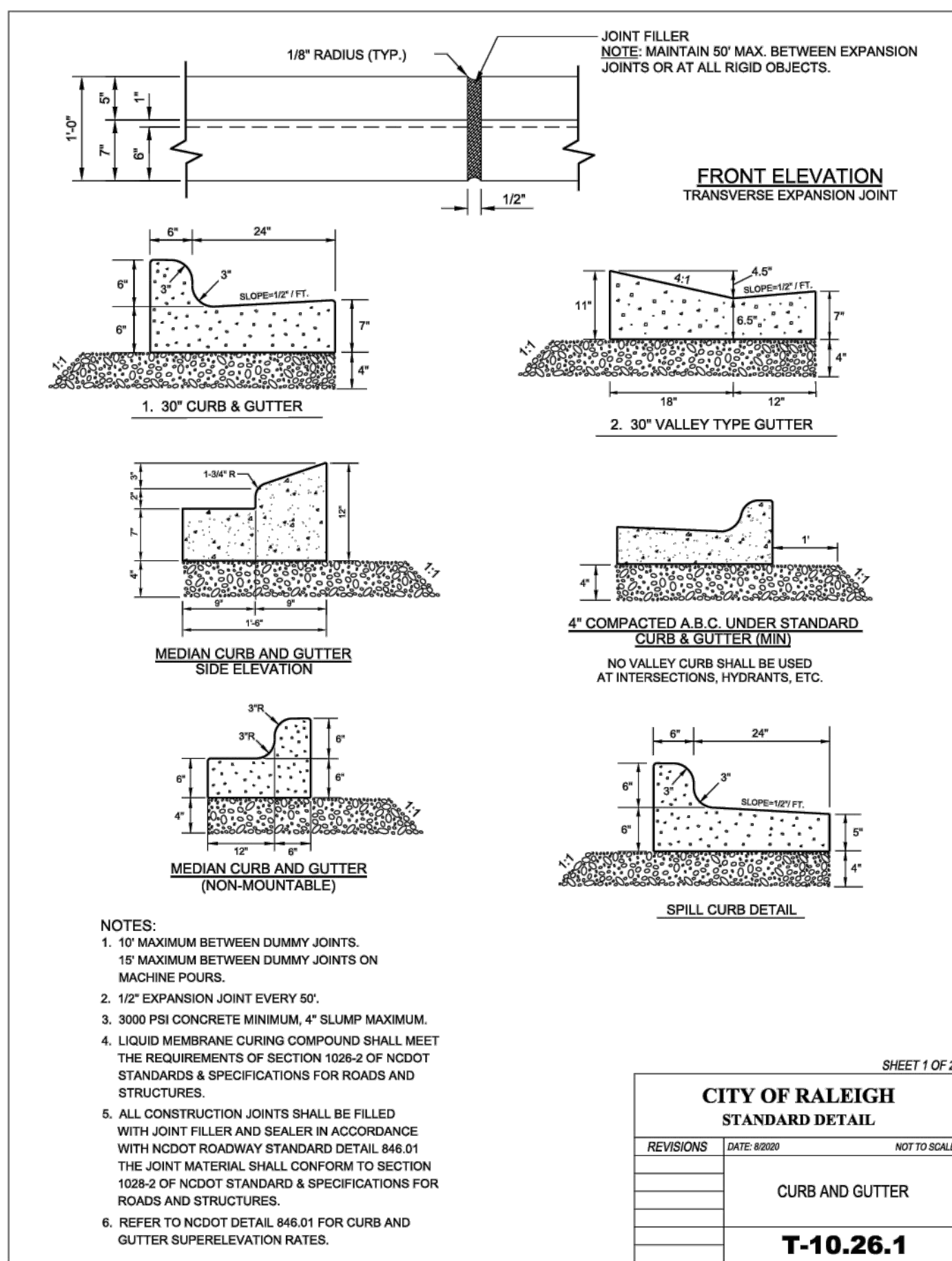
STRONG ROCK PROJECT	STRONG ROCK PROJECT
PSP-24-03	PSP-24-03
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
SCALE AS SHOWN	SCALE AS SHOWN
DESIGNED BY JWL	DESIGNED BY JWL
DRAWN BY SRG	DRAWN BY SRG
CHECKED BY JWL	CHECKED BY JWL

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

DRAWING SHEET  
**D-1.0**

73 OF 76





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

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**D-1.2**  
75 OF 76

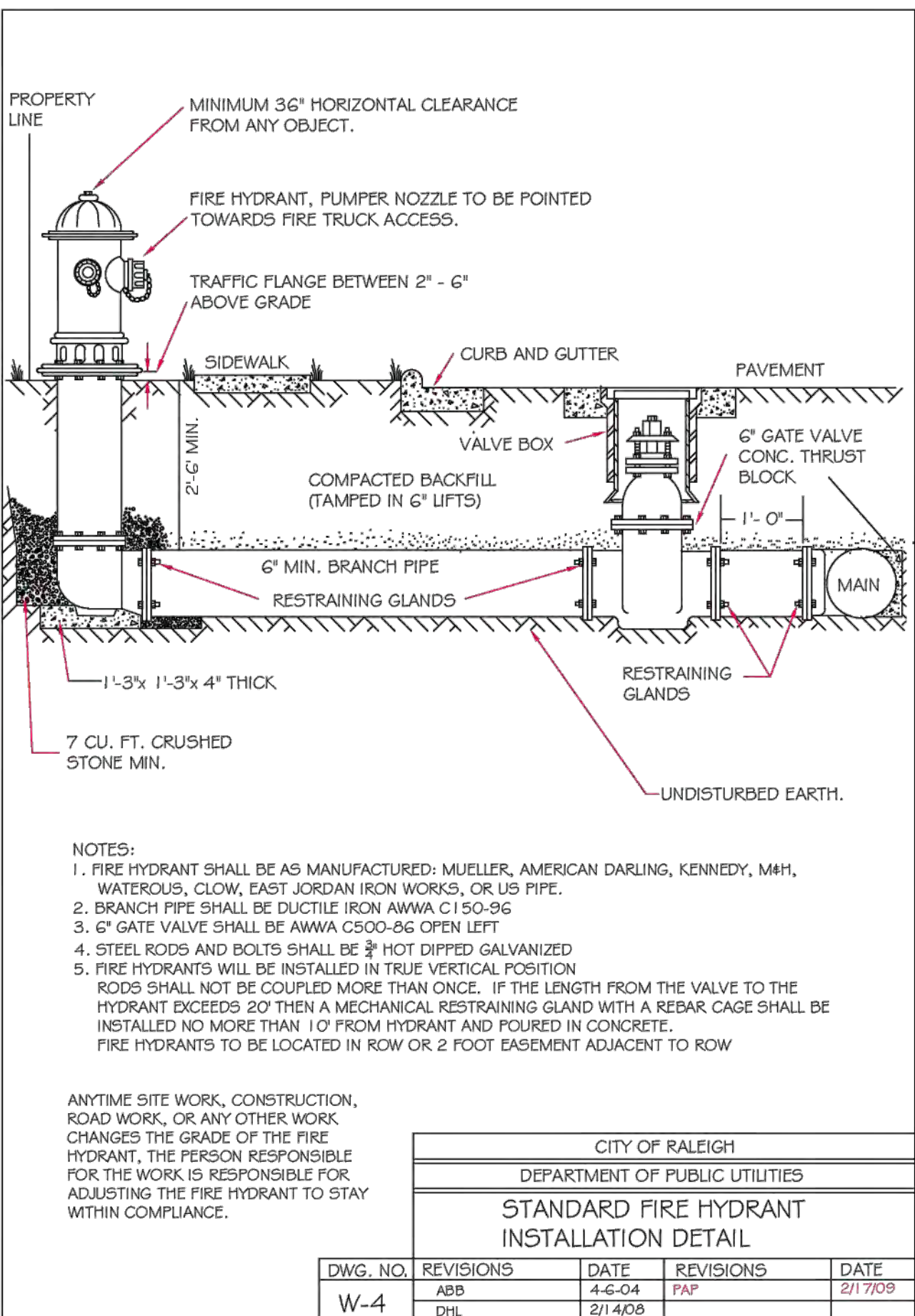
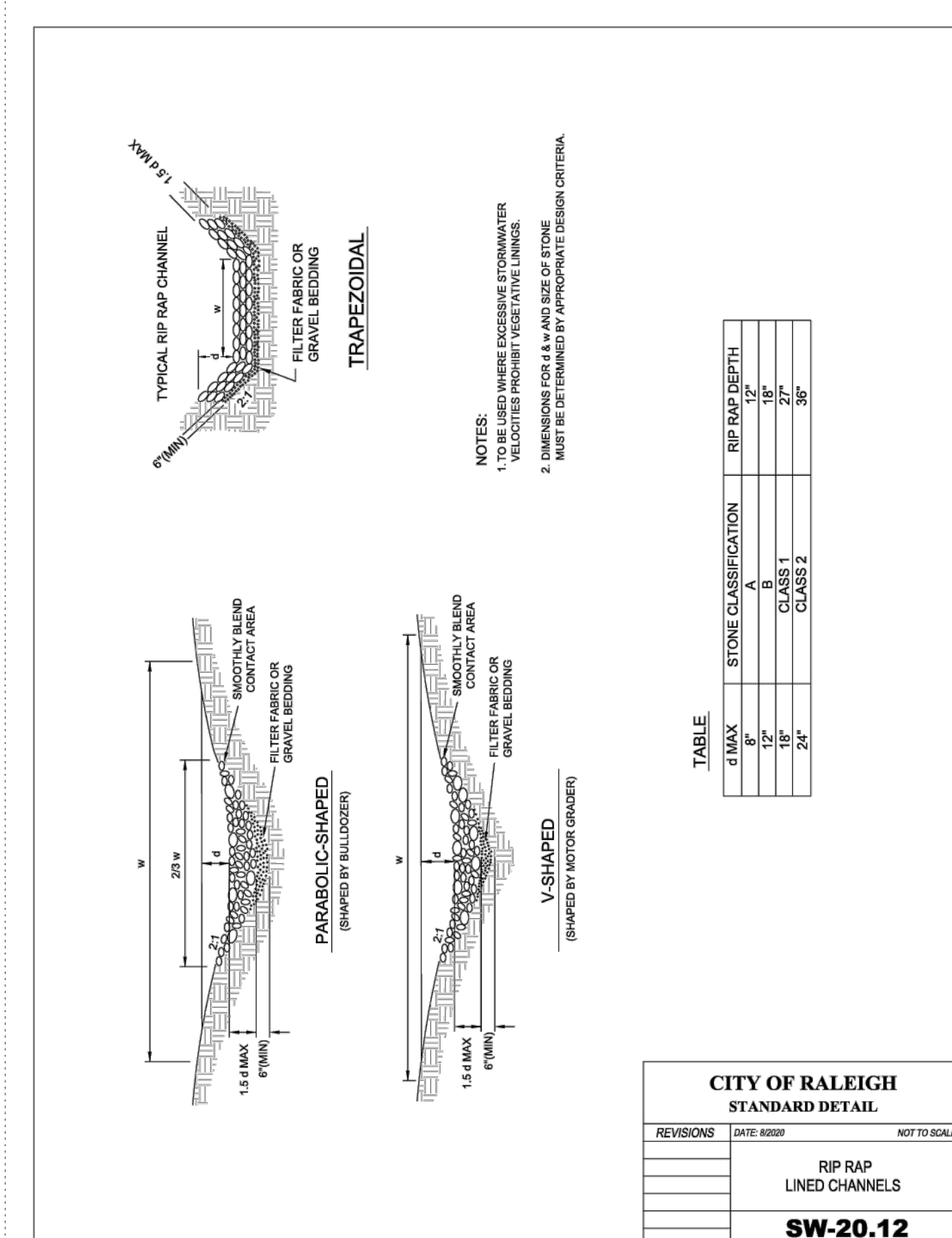
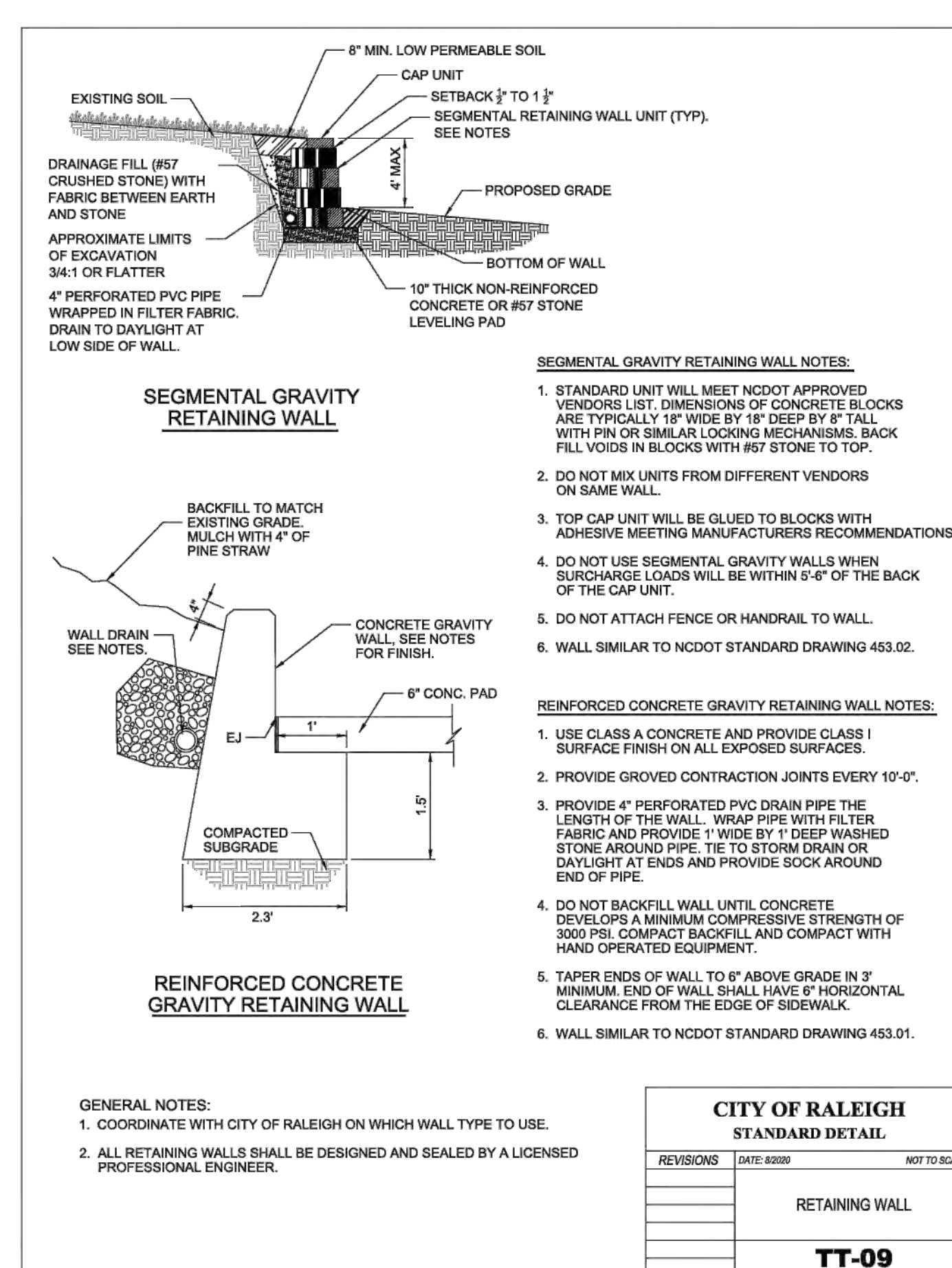
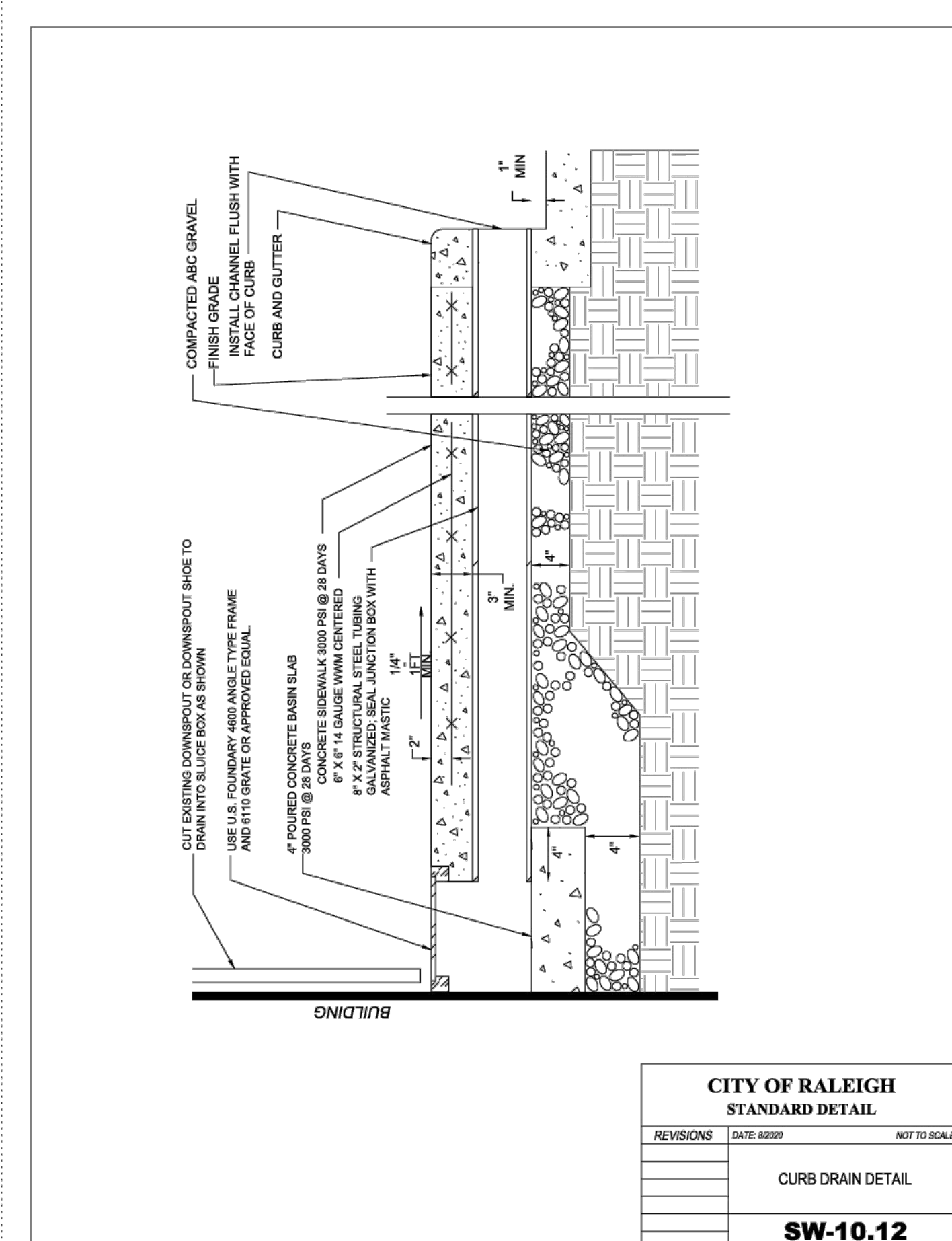
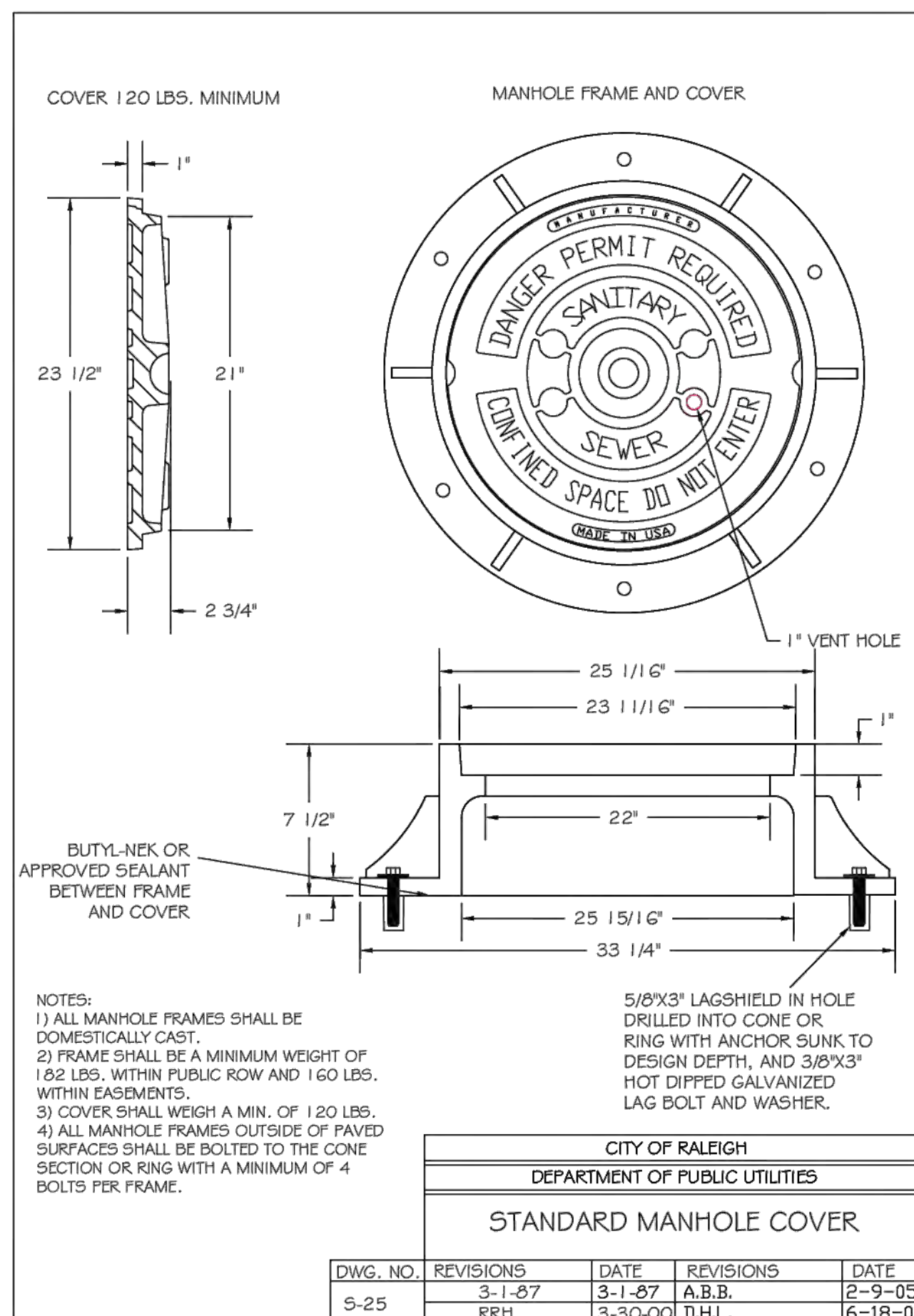
STRONG ROCK PROJECT PSP-25-03  
NOT FOR CONSTRUCTION  
SCALE AS SHOWN  
DESIGNED BY JWL  
DRAWN BY SRG  
CHECKED BY JWL

STRONG ROCK PROJECT PSP-25-03  
TOWN OF ROLESVILLE COMMENTS PSP-25-03  
TOWN OF ROLESVILLE COMMENTS PSP-03-23-03

01 PRELIMINARY SUBDIVISION PLAT PSP-25-03  
02 TOWN OF ROLESVILLE COMMENTS PSP-25-03  
03 TOWN OF ROLESVILLE COMMENTS PSP-03-23-03

08/01/2023  
12/05/2023  
03/07/2024

DATE  
REVISIONS



NO.	REVISIONS	DATE	BY
01			
02			
03			

PRELIMINARY SUBDIVISION PLAT PSP-23-03  
TOWN OF ROLESVILLE COMMENTS PSP-23-03  
TOWN OF ROLESVILLE COMMENTS PSP-03-23-03

**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

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER 036225 JUSTIN W. L. AMBERTT

STRONG ROCK PROJECT	NOT FOR CONSTRUCTION	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 PLAT  
**SITE DETAILS**

DRAWING SHEET  
**D-1.3**

76 OF 76