

LINE TABLE						
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION	
L1	PENDULUM STREET	1264.52'	N0°23'26"W	10+00.00	22+64.52	
L2	PENDULUM STREET	145.12'	S89°36'34"W	22+64.53	24+09.64	
L3	YELLOW MOON COURT	282.58'	N89°36'34"E	10+00.00	12+82.58	
L4	YELLOW MOON COURT	269.10'	N85°56'51"E	13+46.50	16+15.59	
L5	YELLOW MOON COURT	28.00'	N4°03'09"W	16+15.60	16+43.59	
L6	EVEN FLOW LANE	398.73'	N90°00'00"E	10+00.00	13+98.73	
L7	EVEN FLOW LANE	167.06'	N66°21'40"E	16+05.02	17+72.08	
L8	OCEANS COURT	115.42'	N14°39'30"W	10+00.00	11+15.42	
L9	OCEANS COURT	17.18'	N2°10'11"W	11+91.71	12+08.88	
L10	OCEANS COURT	288.95'	N23°37'43"W	13+24.99	16+13.93	
L11	OCEANS COURT	76.14'	N8°29'13"W	17+46.08	18+22.21	
L12	OCEANS COURT	274.64'	N33°36'56"W	19+58.17	22+32.81	
L13	OCEANS COURT	56.04'	N10°59'05"W	23+55.26	24+11.30	
L14	OCEANS COURT	103.92'	N10°59'05"W	24+11.31	25+15.22	
L15	OCEANS COURT	30.91'	N10°59'05"W	25+15.22	25+46.13	
L16	MCCREADY COURT	116.47'	S56°12'22"W	10+00.00	11+16.47	
L17	MCCREADY COURT	351.71'	S79°05'59"W	12+40.34	15+92.05	
L18	VEDDER LANE	7.54'	N12°48'44"W	10+00.00	10+07.54	
L19	VEDDER LANE	169.36'	N33°39'46"W	10+91.24	12+60.59	
L20	BETTERMAN DRIVE	205.88'	S56°21'23"W	10+00.00	12+05.88	
L21	BETTERMAN DRIVE	298.92'	S81°30'47"W	13+59.56	16+58.48	
L22	LIGHTING BOLT LANE	1222.94'	N56°12'22"E	10+00.00	22+22.94	
L23	LIGHTING BOLT LANE	451.93'	S87°11'53"E	25+42.30	29+94.22	
L24	GIGATON STREET	175.00'	S33°46'39"E	10+00.00	11+75.00	
L25	GIGATON STREET	70.05'	S32°03'33"E	12+05.00	12+75.05	
L26	GIGATON STREET	406.86'	S33°46'39"E	13+05.04	17+11.90	
L27	GIGATON STREET	68.95'	S1°05'25"E	18+43.12	19+12.07	
L28	COUNTER STREET	103.46'	S33°47'38"E	10+00.00	11+03.46	
L29	COUNTER STREET	530.88'	S1°05'25"E	12+34.74	17+65.61	

LINE TABLE						
NAME	ROADWAY	LENGTH	DIRECTION	BEGIN STATION	END STATION	
L30	UNPLUGGED AVENUE	176.90'	N33°46'39"W	10+00.00	11+76.90	
L31	UNPLUGGED AVENUE	348.89'	N56°12'22"E	11+76.90	15+25.79	
L32	UNPLUGGED AVENUE	28.00'	N33°47'38"W	15+25.79	15+53.79	
L33	SUPERSONIC WAY	11.85'	N28°40'26"W	10+00.00	10+11.85	
L34	SUPERSONIC WAY	284.97'	N0°41'10"E	11+29.71	13+94.68	
L35	SUPERSONIC WAY	258.23'	S89°18'50"E	13+94.68	16+52.91	
L36	LUKIN LANE	434.34'	N0°41'10"E	10+00.00	14+34.34	
L37	PARACHUTE PLACE	61.73'	S28°40'26"E	10+00.00	10+61.73	
L38	PARACHUTE PLACE	2.61'	N59°15'52"E	14+31.29	14+33.90	
L39	PARACHUTE PLACE	4.68'	N2°48'07"E	16+60.56	16+65.24	
L40	CORNELL GARDEN STREET	491.62'	N65°38'58"E	10+00.00	14+91.62	
L41	CORNELL GARDEN STREET	27.48'	N0°01'05"W	19+50.07	19+77.54	
L42	SOUNDGARDEN COURT	802.07'	N89°58'55"E	10+00.00	18+02.07	
L43	MONKEYWRENCH STREET	85.37'	S88°54'35"W	10+00.00	10+85.37	
L44	MONKEYWRENCH STREET	2.12'	S56°13'21"W	12+16.59	12+18.71	
L45	PUBLIC ALLEY '1'	22.33'	S12°40'02"E	10+00.00	10+22.33	
L46	PUBLIC ALLEY '1'	341.67'	S33°36'56"E	10+77.18	14+18.84	
L47	PUBLIC ALLEY '1'	125.34'	S23°26'24"E	14+45.48	15+70.82	
L48	PUBLIC ALLEY '2'	16.09'	N56°23'04"E	10+00.00	10+16.09	
L49	PUBLIC ALLEY '2'	303.00'	N79°05'59"E	10+75.57	13+78.57	
L50	PUBLIC ALLEY '2'	111.56'	N56°23'04"E	14+38.04	15+49.60	
L51	PUBLIC ALLEY '3'	20.01'	N56°23'04"E	10+00.00	10+20.01	
L52	PUBLIC ALLEY '3'	225.68'	N81°30'47"E	10+85.80	13+11.48	
L53	PUBLIC ALLEY '3'	163.72'	N56°21'23"E	13+77.34	15+41.05	
L54	PUBLIC ALLEY '3'	22.86'	N33°38'37"W	15+41.06	15+63.92	
L55	PUBLIC ALLEY '3'	32.89'	N25°36'48"W	15+84.95	16+17.83	
L56	PUBLIC ALLEY '3'	192.60'	N33°36'56"W	16+38.79	18+31.38	
L57	PUBLIC ALLEY '4'	120.13'	N79°05'59"E	10+00.00	11+20.13	
L58	PUBLIC ALLEY '4'	355.03'	N58°06'55"E	11+75.08	15+30.10	

CURVE TABLE							
NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C1	YELLOW MOON COURT	1000.00'	63.91'	63.90'	N87°46'43"E	12+82.58	13+46.49
C2	EVEN FLOW LANE	500.00'	206.29'	204.83'	N78°10'50"E	13+98.73	16+05.02
C3	OCEANS COURT	350.00'	76.29'	76.14'	N8°24'51"W	11+15.42	11+91.71
C4	OCEANS COURT	310.00'	116.10'	115.43'	N12°53'57"W	12+08.88	13+24.99
C5	OCEANS COURT	500.00'	132.14'	131.75'	N16°03'28"W	16+13.93	17+46.07
C6	OCEANS COURT	310.00'	135.96'	134.87'	N21°03'04"W	18+22.21	19+58.17
C7	OCEANS COURT	310.00'	122.44'	121.65'	N22°18'00"W	22+32.81	23+55.26
C8	MCCREADY COURT	310.00'	123.87'	123.04'	S67°39'11"W	11+16.47	12+40.33
C9	VEDDER LANE	230.00'	83.70'	83.24'	N23°14'15"W	10+07.54	10+91.24
C10	BETTERMAN DRIVE	350.00'	153.67'	152.44'	S68°56'05"W	12+05.88	13+59.56
C11	LIGHTING BOLT LANE	500.00'	319.36'	313.96'	N74°30'15"E	22+22.94	25+42.30
C12	GIGATON STREET	1000.00'	29.99'	29.99'	S32°55'06"E	11+75.00	12+04.99
C13	GIGATON STREET	1000.00'	29.99'	29.99'	S32°55'06"E	12+75.05	13+05.04
C14	GIGATON STREET	230.00'	131.21'	129.44'	S17°26'02"E	17+11.90	18+43.12
C15	COUNTER STREET	230.00'	131.28'	129.51'	S17°26'31"E	11+03.46	12+34.74
C16	SUPERSONIC WAY	230.00'	117.86'	116.57'	N13°59'38"W	10+11.85	11+29.71
C17	PARACHUTE PLACE	230.00'	369.56'	331.07'	S74°42'17"E	10+61.73	14+31.29
C18	PARACHUTE PLACE	230.00'	226.66'	217.60'	N31°02'00"E	14+33.90	16+60.56
C19	CORNELL GARDEN STREET	400.00'	458.45'	433.76'	N32°48'56"E	14+91.62	19+50.06
C20	FUTURE DAYS WAY	1250.00'	518.68'	514.96'	S11°25'57"E	10+00.00	15+18.68
C21	MONKEYWRENCH STREET	230.00'	131.21'	129.44'	S72°33'58"W	10+85.37	12+16.59
C22	PUBLIC ALLEY '1'	150.00'	54.84'	54.54'	S23°08'29"E	10+22.33	10+77.17
C23	PUBLIC ALLEY '1'	150.00'	26.64'	26.60'	S28°31'40"E	14+18.84	14+45.48
C24	PUBLIC ALLEY '2'	150.00'	59.47'	59.08'	N67°44'32"E	10+16.09	10+75.56
C25	PUBLIC ALLEY '2'	150.00'	59.47'	59.08'	N67°44'32"E	13+78.57	14+38.03



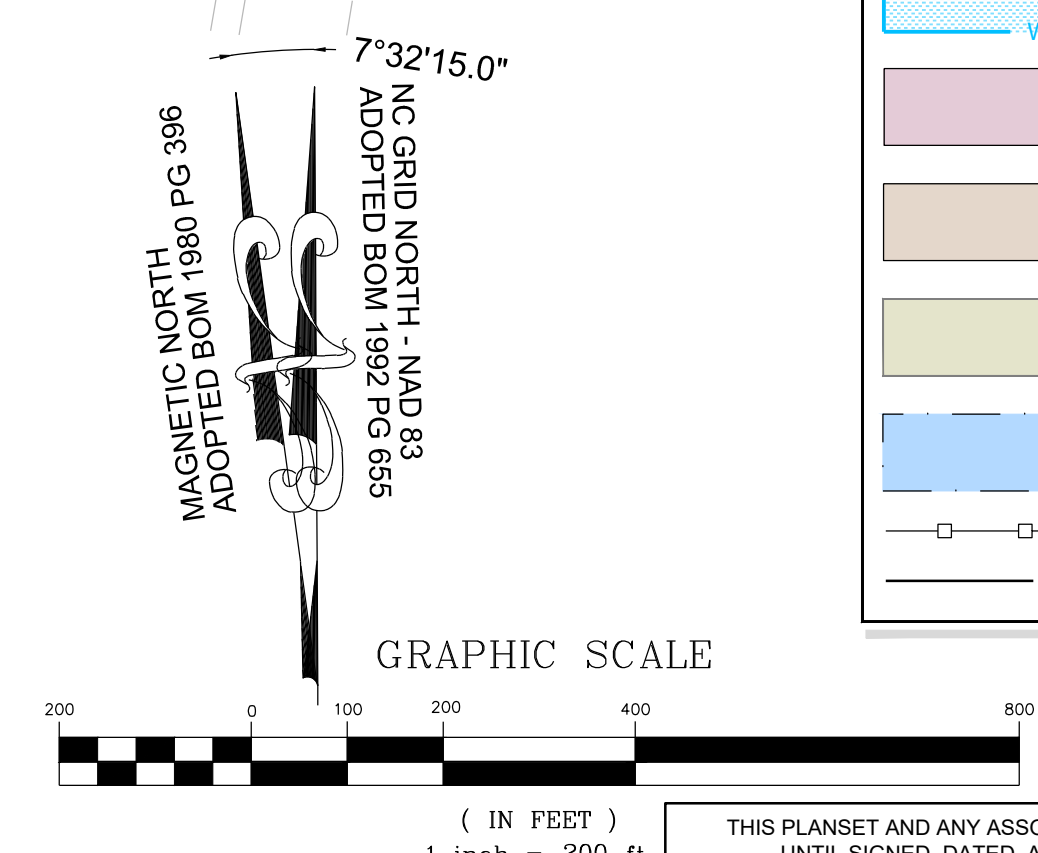
TOWNHOME NOTES:
STATES INTERNAL TOWNHOME DRIVEWAYS ARE PRIVATE EASEMENTS AS PER CITY OF RALEIGH PUBLIC UTILITIES DEPARTMENT

NOTES:
SEE COVER SHEET FOR ALL SETBACK REQUIREMENTS
SEE SHEET 03000 FOR ADJACENT PROPERTY DETAILS

1.) C1.00 Update the sheet reference

NAME	ROADWAY	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD DIRECTION	BEGIN STATION	END STATION
C26	PUBLIC ALLEY '3'	150.00'	65.79'	65.26'	N68°56'56"E	10+20.01	10+85.79
C27	PUBLIC ALLEY '3'	150.00'	65.88'	65.33'	N68°56'05"E	13+11.48	13+77.34
C28	PUBLIC ALLEY '3'	150.00'	21.02'	21.01'	N29°37'42"W	15+63.92	15+84.94
C29	PUBLIC ALLEY '3'	150.00'	20.95'	20.93'	N29°36'52"W	16+17.83	16+38.78
C30	PUBLIC ALLEY '4'	150.00'	54.94'	54.83'	N68°36'27"E	11+20.13	11+75.07

- GENERAL NOTES:**
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF RALEIGH STANDARDS AND SPECIFICATIONS.
 - ROADS AND DRIVEWAYS SHALL COMPLY WITH NCDOT AND CITY OF RALEIGH STANDARDS.
 - SIGN PERMITS SHALL BE REQUIRED FOR ANY ENTRANCE SIGNAGE. PERMITS SHALL BE REQUIRED PRIOR TO FABRICATION OR INSTALLATION OF SIGNS. SIGNAGE SHALL BE RESTRICTED TO AN ON-SITE LOCATION.
 - THE WATER AND SEWER SYSTEMS SHALL COMPLY WITH CITY OF RALEIGH STANDARDS.
 - ALL DESIGN AND CONSTRUCTION METHODS SHALL COMPLY WITH WAKE COUNTY'S SEDIMENTATION AND EROSION CONTROL REGULATIONS. AN EROSION CONTROL PLAN SHALL BE APPROVED BY WAKE COUNTY PRIOR TO ANY GRADING.
 - CONSTRUCTION DRAWINGS SHALL BE SUBMITTED AND APPROVED BY WAKE COUNTY AND CITY OF RALEIGH PRIOR TO CONSTRUCTION.
 - ALL STREETS WITHIN THE SUBDIVISION WILL HAVE A POSTED SPEED LIMIT OF 25 MPH.
 - RESTRICTIVE COVENANTS SHALL BE APPROVED AND RECORDED PRIOR TO RECORDING OF FINAL PLAN.
 - 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 WAKE COUNTY PRIOR TO CONSTRUCTION.
 - PRIVATE STORM DRAINAGE EASEMENTS SHALL BE MAINTAINED BY THE HOA.
 - SUBDIVISION LOTS MUST BE LOTS OF RECORD PRIOR TO RECEIVING A BUILDING PERMIT.
 - ALL RETAINING WALLS TO BE DESIGNED BY OTHERS.



LEGEND:

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

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

DRAWING SHEET
C-5.0
16 OF 90

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

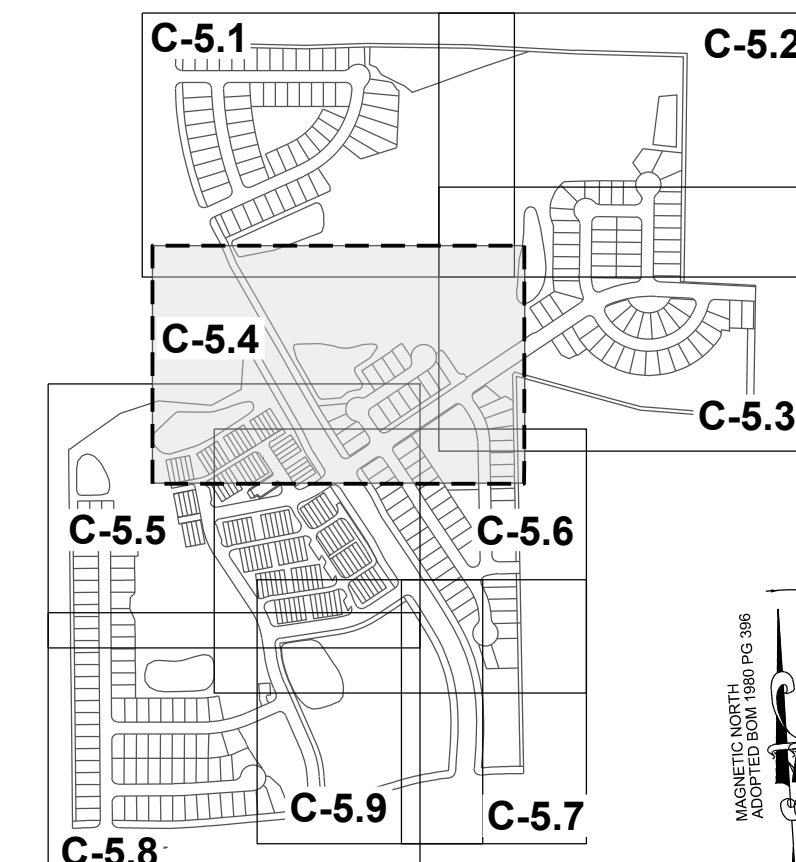
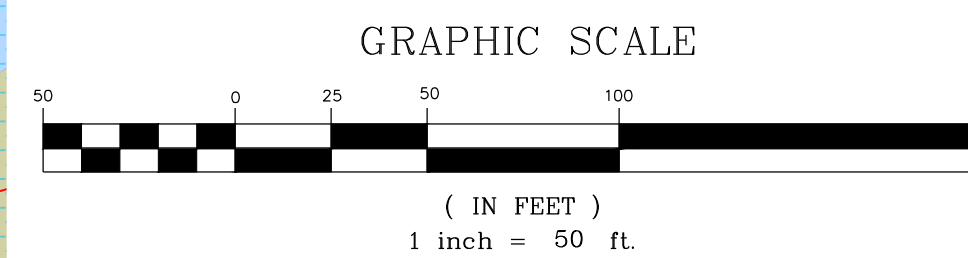
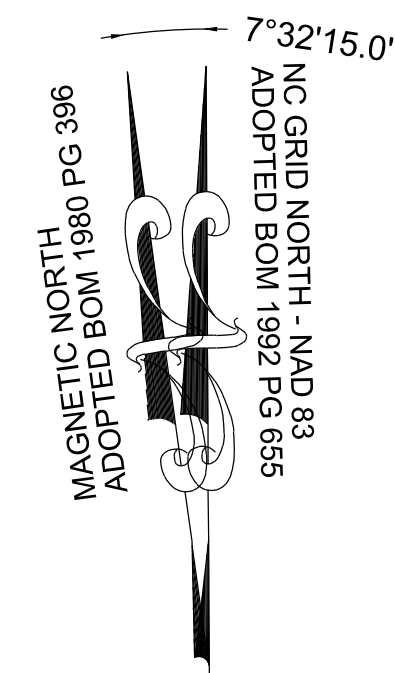
DESIGNED BY: JWL
DRAWN BY: SRG
CHECKED BY: JWL

REVISIONS

NO.	DATE	REVISIONS
01		
02		
03		
04		

PRELIMINARY SUBDIVISION PLAN P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03
TOWN OF ROLESVILLE P-23-03
08/01/2023
12/05/2023
03/01/2024
06/04/2024

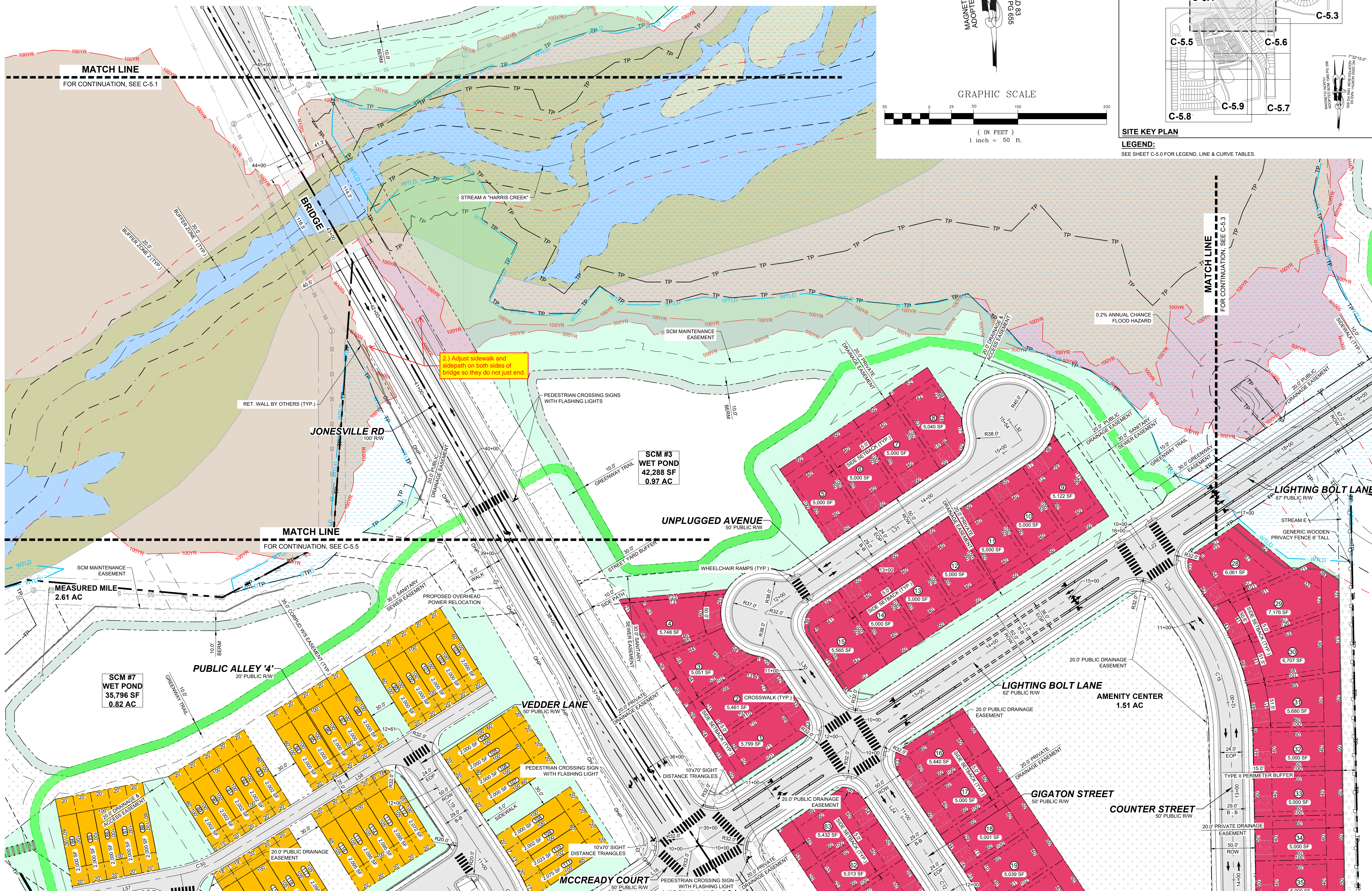
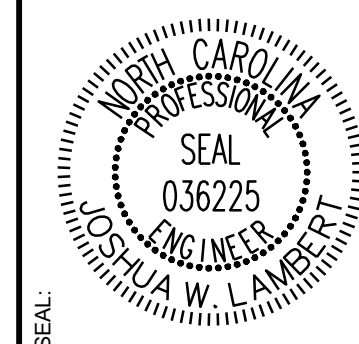
TOWNHOME NOTES:
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SITE KEY PLAN

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

NO.	REVISIONS	DATE	BY
01			
02			
03			
04			



2.) Adjust sidewalk and sidepath on both sides of bridge so they do not just end.

SCM #3
WET POND
42,288 SF
0.97 AC

SCM #7
WET POND
35,796 SF
0.82 AC

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	DESIGNED BY	CHECKED BY
NOT FOR CONSTRUCTION	SCALE	AS SHOWN

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

DRAWING SHEET
C-5.4

20 OF 90

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.