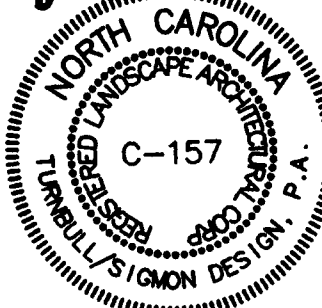
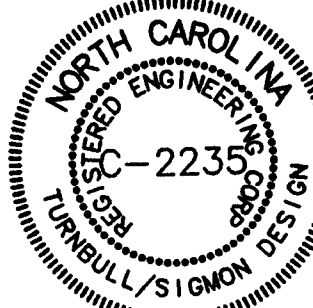
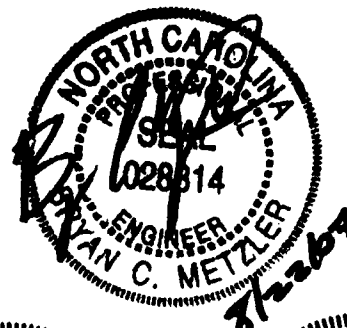


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LAND DEVELOPMENT DESIGN SERVICES



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Rhein Palisades, LLC

5200 77 CENTER DRIVE
SUITE 141
CHARLOTTE, NC 28217

The Palisades Phase 5A

CHARLOTTE E.T.J.
STEELE CREEK TOWNSHIP

Site Plan Tract T-3P

PROJECT NUMBER: 04-086

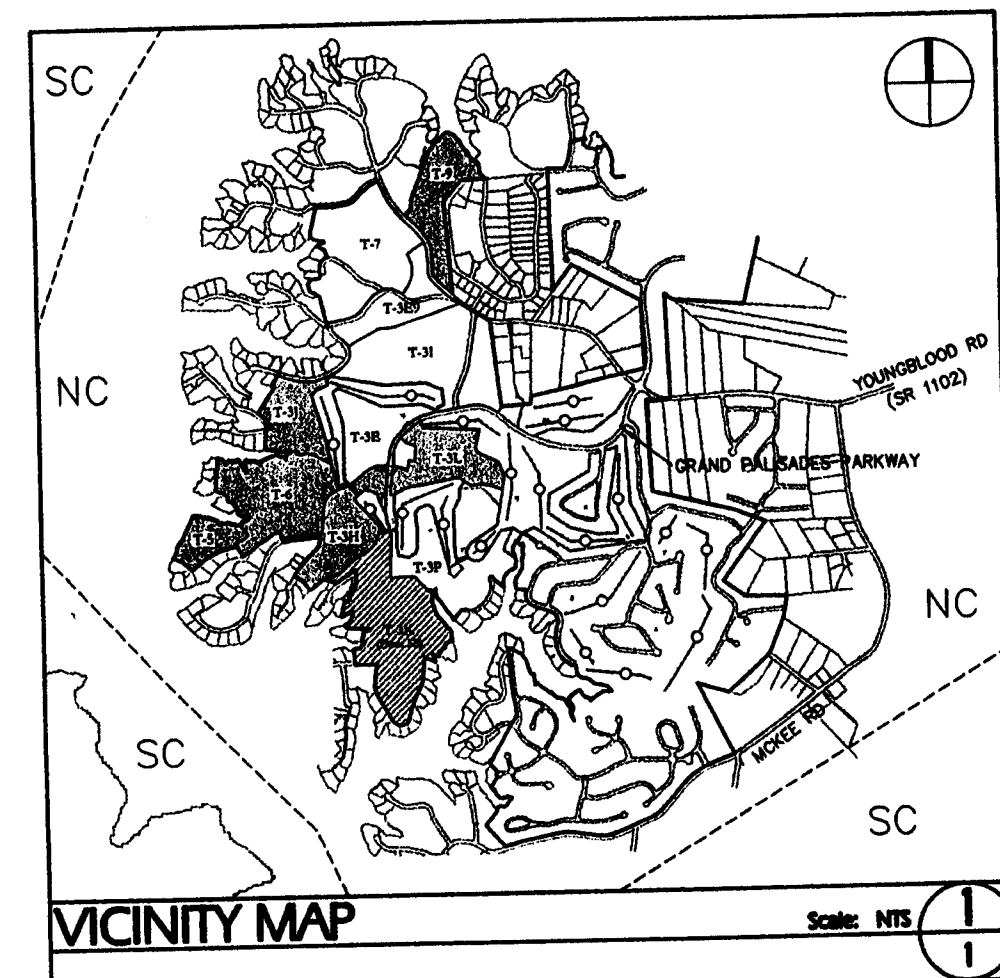
DRAWN BY: RLF

DESIGNED BY: BCM

ISSUE DATE: 6/10/05

8/22/07 EEB PER FLOODWAY COMMENTS
6/18/07 EEB PER CDOT & NCDOT COMMENTS
5/12/06 EEB PER CITY OF CHARLOTTE COMMENTS
4/9/06 RLF PER NCDOT COMMENTS
3/8/06 DBR PER CITY OF CHARLOTTE COMMENTS
2/3/06 RLF PER CITY OF CHARLOTTE COMMENTS
11/04/05 RLF PER CITY OF CHARLOTTE COMMENTS
NO. DATE: BY: REVISIONS:

7.1.1



Lot Data:

Zoning	MX-3 Lower Lake Wyle Watershed Overlay - Critical
Petition #	2000-16(c)
Minimum Lot Size	4,500 S.F.
Minimum Front Setback	20'
Minimum Side Yard (Internal)	3'/3'
Minimum Side Yard (Corner)	10'
Minimum Rear Yard	20'
Minimum Lot Width	40'
Maximum Impervious per Lot*	10,000 SF

*Provided by Yarbrough Williams & Houle

General Notes:

- LOTS 1, 14, 18, 55-59 ARE PART OF THE PRIVATE GATED COMMUNITY. DIRECT VEHICULAR ACCESS TO SARANTIA PLACE SHALL BE DEED RESTRICTED.
- A STANDARD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) "STOP" (R1-1, 30"x30") SIGN WILL BE INSTALLED BY THE DEVELOPER AT PROPOSED DRIVEWAY/PRIVATE STREET CONNECTIONS TO ANY PUBLIC R/W
- A STANDARD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) "STOP" (R1-1, 24"x24") SIGN WILL BE INSTALLED BY THE DEVELOPER AT THE MINOR LEGS OF ALL PRIVATE STREET INTERNAL INTERSECTIONS
- PROJECT BENCHMARK:
GPS #1049
REBAR FOUND
NAD 83 GRID COORDINATES
N 485,183.6720
E 1,393,922.5795
ELEV. 650.42
- NO CLEARING OR GRADING ALLOWED IN TRAIL EASEMENTS WHICH ARE LOCATED IN TREESAVE AREAS
- ALL SIDEWALK EASEMENTS SHALL BE 2' OFF OF BACK OF SIDEWALK
- A STANDARD MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) "KEEP RIGHT" (R4-7, 24"x30") SIGN WILL BE INSTALLED BY THE DEVELOPER AT PROPOSED GATED ENTRANCES AT BOTH ENDS OF MEDIAN

Staking Notes:

- 20' RADIUS AT R/W FOR PRIVATE AND LOCAL STREETS.
- 20' RADIUS AT R/W FOR PRIVATE AND LOCAL STREETS.
- HANDICAP RAMP. SEE DETAIL 1/8.1.2
- SIGHT TRIANGLE, 35'x35' AT ALL INTERSECTIONS.
- LOCAL RESIDENTIAL STREET. SEE DETAIL 9/8.1.1
- CUL-DE-SAC. SEE DETAIL 9/8.1.1
- PRIVATE STREET, DETAIL 6/8.1.1
- STAKING INFORMATION IS AVAILABLE ON DISC (R-14 OR 2000) UPON REQUEST.

SYMBOL	DETAIL
	450' SHORELINE OFFSET LAKE ACCESS LOT CALCULATIONS
	100' UNDISTURBED WATERSHED BUFFER / TREESAVE AREA SEE APPROVED TREE SAVE PLAN SHEET 3.2.1
	PROPOSED SIDEWALK
	PROPOSED ACCESSIBLE RAMP
	PROPOSED STOP SIGN SEE NOTE #3
	PROPOSED STREET SIGN SEE NOTE #2
	PROPOSED "KEEP RIGHT" SIGN

LINE	LENGTH	BEARING
L1	52.19	S84°12'27"E
L2	538.48	N56°05'50"W
L3	70.56	N78°28'39"W
L4	172.91	N22°25'54"W
L5	103.77	N54°35'17"E
L6	143.09	N03°39'44"E
L7	179.19	N85°43'48"E
L8	139.79	N50°55'03"W
L9	94.78	N34°59'23"E
L10	254.76	S31°52'38"W
L11	289.43	N56°30'25"E
L12	124.05	N61°18'56"W
L13	138.95	N30°43'17"E
L14	73.12	N33°29'35"W
L15	381.43	N56°04'18"E
L16	62.58	N36°27'17"W
L17	382.00	N04°39'22"W
L18	251.56	S07°57'48"W

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	73.68	150.00	37.60	28°08'37"
C2	106.71	300.00	53.92	20°22'42"
C3	373.82	400.00	201.82	53°32'45"
C4	283.29	150.00	186.83	102°28'49"
C5	373.31	420.00	200.00	50°52'33"
C6	407.18	200.00	324.13	118°38'51"
C7	464.80	310.00	288.61	85°34'28"
C8	83.89	250.00	248.77	117°49'21"
C9	306.46	150.00	47.50	21°31'03"
C10	99.95	65.00	62.90	88°06'51"
C11	279.53	250.00	156.41	64°03'48"
C12	242.23	150.00	156.76	92°31'34"
C13	223.17	350.00	115.52	36°31'59"

Lake Access:

Tract 3P Lake Access Calculations

LOTS	AREA (SQFT)
1	5864
15-25	191253
53-56	50093
63-66	65390
42-43	5906

Tract 3-E Lake Access Calculations

LOTS	AREA (SQFT)
1-2	68890

Tract 3-L Lake Access Calculations

LOTS	AREA (SQFT)
22-27	100063

Tract 3-E Lake Access Calculations

LOTS	AREA (SQFT)
15	12113

Tract 7 Lake Access Calculations

LOTS	AREA (SQFT)
40	101791
48-49	16763
21	17534
35	3299
13-20	117790
10	39578

REQUIRED	796127	Total
PROVIDE	79613	10% of Area
	85912	

Note: See Tract 3-P for Lake Access Lot

