DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 8-28-02
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: 313A Shoreline Bluff PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☑ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

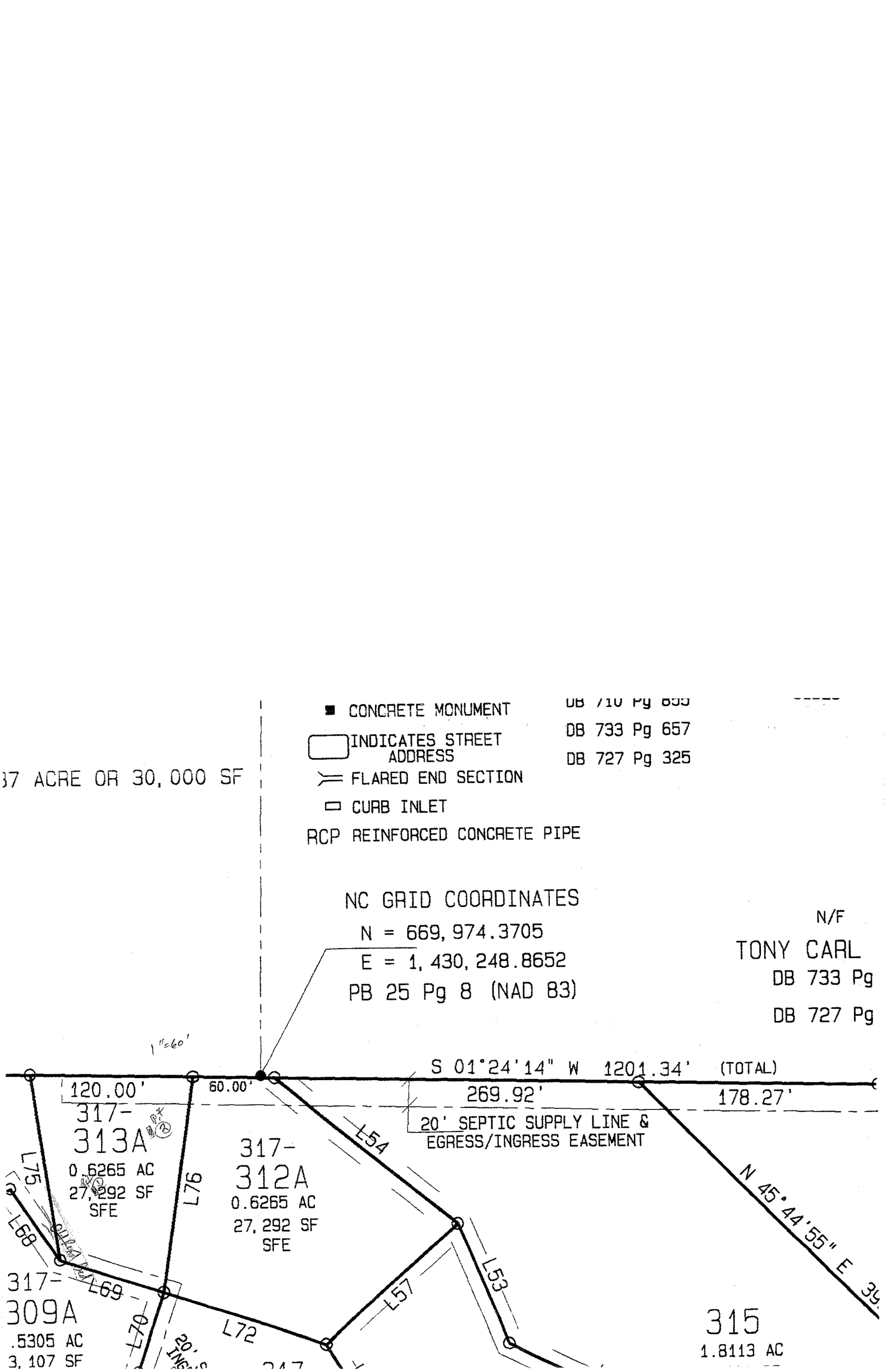
PROFILE #	.1940 LAND-SCAPE POSITION/ SLOPE %	HORI-ZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1		0-6	sg fine sl sk sl						.3
		6-22	sbk ad	fi sp ssp					
		22-52	wk sbk ypsl	fr ssp					
				common mi sp					
2		0-4	sg fine sl	fr ssp					.3
		4-22	wk sbk RC	fr ssp					
		22-51	B: 10YR 5/8	fi ssp					
				common fi sp					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: _____


37 ACRE OR 30,000 SF
CONCRETE MONUMENT
INDICATES STREET ADDRESS
FLARED END SECTION
CURB INLET
RCP REINFORCED CONCRETE PIPE
DB 710 Pg 855
DB 733 Pg 657
DB 727 Pg 325
NC GRID COORDINATES
N = 669,974.3705
E = 1,430,248.8652
PB 25 Pg 8 (NAD 83)
N/F
TONY CARL
DB 733 Pg
DB 727 Pg
1"=60'
S 01°24'14" W 1201.34' (TOTAL)
120.00'
60.00'
269.92'
178.27'
20' SEPTIC SUPPLY LINE & EGRESS/INGRESS EASEMENT
317-313A
0.6265 AC
27,292 SF
SFE
317-312A
0.6265 AC
27,292 SF
SFE
317-309A
.5305 AC
3,107 SF
315
1.8113 AC
L75
L76
L68
L69
L70
L72
L54
L57
L53
N 45°44'55" E 39.

	BEARING	DISTANCE
1	N 79°38'39" E	50.31
2	N 79°28'12" W	30.25
3	S 78°28'18" W	142.31
4	N 89°23'12" W	85.30
5	S 39°10'41" W	122.40
6	N 65°12'15" W	16.25
7	S 88°07'17" W	70.02
8	N 71°42'43" W	32.39
9	N 62°13'04" W	12.12
10	N 16°45'56" W	61.68
11	S 28°29'20" W	24.03
12	S 28°29'20" W	43.44
13	S 18°12'41" W	53.58
14	S 10°29'54" W	52.10
15	S 06°27'14" E	27.76
16	S 21°13'53" W	63.34
17	S 26°54'06" W	95.52
18	S 77°08'07" W	26.44
19	S 88°23'48" W	57.41
20	N 54°04'12" W	15.02
21	N 18°53'17" W	9.93
22	N 00°57'47" W	32.63
23	N 65°12'15" W	19.59
24	S 16°45'56" E	6.49
25	S 86°14'47" E	15.97
26	N 74°31'17" E	17.47
27	S 09°58'16" E	35.71
28	S 32°28'39" W	18.46
29	S 08°02'34" W	24.93
30	S 69°55'16" E	27.98
31	S 71°29'15" E	18.56
32	S 81°37'50" E	10.23
33	N 51°12'22" W	103.24
34	S 82°54'49" W	15.80
35	N 61°13'46" W	69.59
36	N 88°06'36" W	78.06
37	N 65°05'22" W	6.40
38	S 22°09'45" W	18.16
39	N 64°53'38" W	10.99
40	S 77°45'38" W	42.69
41	N 81°37'50" W	38.89
42	N 01°24'14" E	45.00
43	N 66°02'30" W	183.49
44	N 82°54'49" E	102.59
45	N 69°29'50" E	97.72
46	N 01°47'34" E	35.32
47	N 49°19'35" E	41.40
L48	N 59°10'26" W	87.92
L49	N 51°12'22" W	66.58
L50	N 19°47'16" E	70.16
L51	N 28°15'19" E	122.07
L52	N 26°37'22" E	162.98
L53	N 67°28'33" E	96.38
L54	N 39°28'00" E	173.75
L55	N 51°12'22" W	36.66
L56	N 58°58'49" E	80.00
L57	S 41°42'20" E	132.15
L58	N 57°26'43" E	100.00
L59	S 65°54'06" E	138.13
L60	N 16°45'56" W	125.00
L61	N 57°21'32" E	144.91
L62	S 54°42'47" E	121.93

TOTAL AREA MAPPED: 17.5862 ACRE

AREA IN R/W: 1.0270 ACRE

20 LOTS TOTALING: 16.5592 ACRE

LINEAR FEET OF ROAD: 785
(ON THIS PLAT)

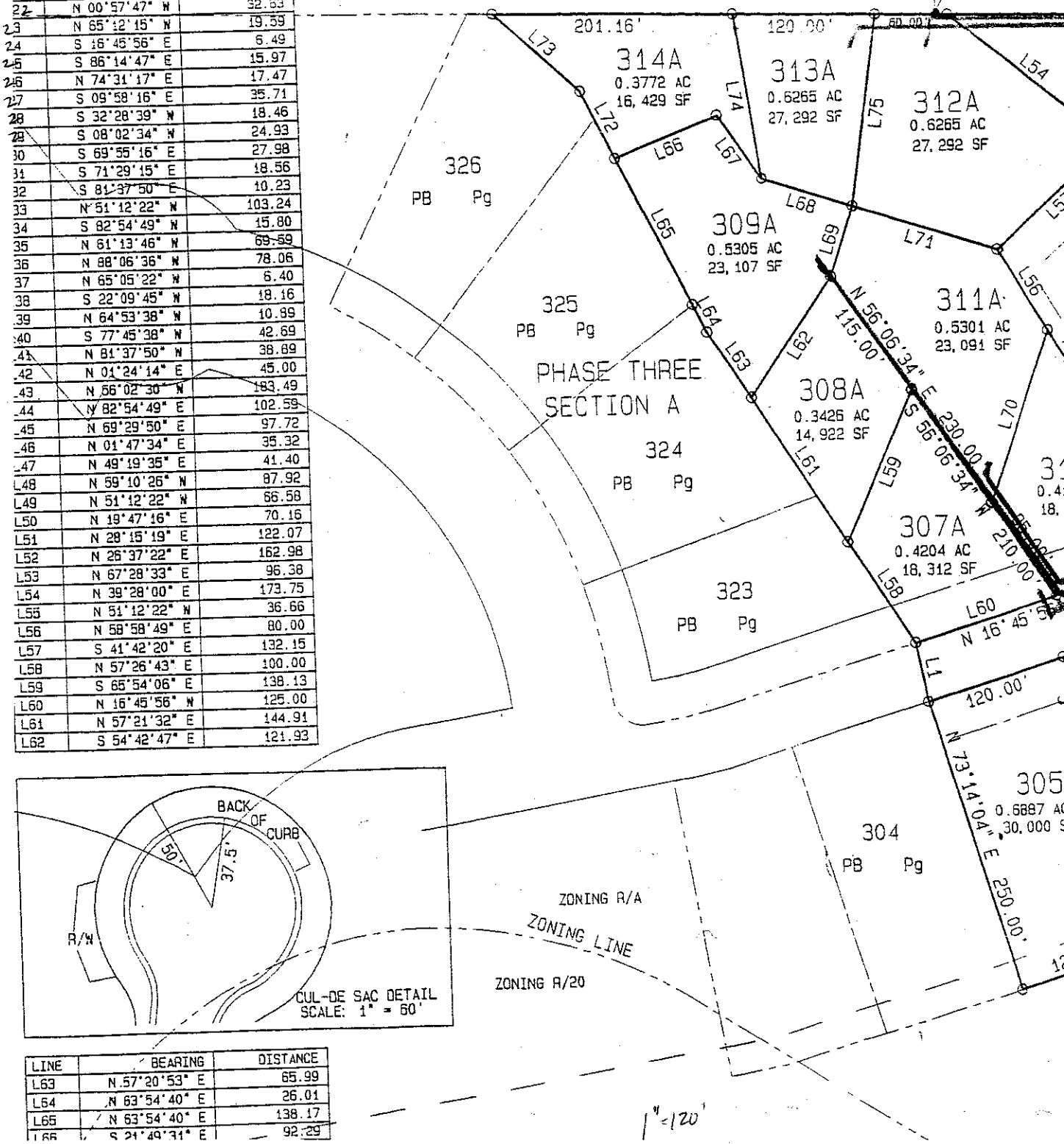
SMALLEST LOT IS 0.3371 ACRE OR 14,684 SF

LEGEND
- ● IRON FOU
- ○ IRON SE
- ■ CONCRET

INDICAT ADD

NC GR
N =
E =
PB 25

N/F
HELEN O. MISENHEIMER
DB 710 Pg 855



ZONING R/A

ZONING LINE

ZONING R/20

LINE	BEARING	DISTANCE
L63	N 57°20'53" E	65.99
L64	N 63°54'40" E	26.01
L65	N 63°54'40" E	138.17
L66	S 21°49'31" E	92.29

1" = 120'

PB 25 Pg 8
DB 974 Pg 889
DB 710 Pg 855
DB 733 Pg 657
DB 727 Pg 325

FRONT 35'
REAR 35'
SIDES 15'

REF: PB 25 Pg 8

MONUMENT

STREET

) COORDINATES
9, 974.3705
430, 248.8652
Pg 8 (NAD 83)

* All Pipes 3"
SDR 13.5

N/F
TONY CARL BROWN
DB 733 Pg 657
DB 727 Pg 325

N/F
SHAVENDER DEVELO
GROUP, LLC
DB 974 Pg 88

S 01°24'14" W 1201.34' (TOTAL)

327.00

TYPICAL BUILDING SETBACKS

313
0.6995 AC
30, 471 SF

312
1.0673 ACRE
46, 489 SF

314
0.9167 AC
39, 932 SF

315
1.8113 AC
78, 901 SF

311
0.9984 ACRE
43, 489 SF

316
1, 4416 AC
62, 794 SF

310
1.1081 ACRE
48, 270 SF

309
1.0597 ACRE
46, 161 SF

308
1.1960 ACRE
52, 096 SF

307
1.0078 ACRE
43, 900 SF

306
0.9838 ACRE
42, 853 ACRE

N 45°44'55" E 234.56'
N 45°44'55" E 399.06'
S 07°18'01" E 282.33'
N 29°19'35" E 340.17'
S 23°38'53" W 294.82'
N 29°19'35" E 218.65'
S 48°11'14" W 275.95'
N 16°45'56" W 92.00'
N 16°45'56" W 525.43'
S 58°58'49" E 218.68'
196.60'
261.17'
144.26'
250.00'

50' PUBLIC R/W

PALMER MARSH PLACE

20' DRAINAGE EASEMENT

20' DRAINAGE EASEMENT

50' LAKE

761' FLOOD PLAIN
(APPROXIMATE)

LAKE NORMAN SHORELINE
FOLLOWS 760' CONTOUR

N/F
DUKE POWER
(S.C. CAL
U.M.I. 264, DB

N/F
SHAVENDER DEVELOPMENT GROUP, LLC
DB 974 Pg 889

200' DUKE POWER EASEMENT

72

AS OF THE DATE OF THIS RECO
PLAT HAVE NOT BEEN INSPECTE
HEALTH DEPARTMENT. UNTIL IN
BUILDING PERMIT WILL BE ISSUE

LAKE

NORMAN