Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: —
Property ID: 4648575314
Lot #: 56
File #: —
AppID: —

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: SLF II NC Magnolia Bay
Address: PO Box 3945 Mooresville
Proposed Facility: Res Design Flow (.1949) 480
Location of Site: Sisters Cove Lot 56
Water Supply: [✓] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [✓] Pit [ ] Cut
Type of Wastewater: [✓] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Hinkley Gautrais
Date Evaluated: 9-23-13
Property Size: .578
Property Recorded: Y

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
P,t 1	Shoulder 14%	0-13	F,11			58"	-	-	PS .3
		13-20	B CL WFSBK	Fr SS SP SEXP					
		20-46	RC MFSBK	Fr SS SP SEXP					
		46-58	RC WFSBK	Fr SS SP SEXP					
P,t 2	LSS 12%	0-5	B CL WFSBK	Fr SS SP SEXP		58"	-	-	PS .275
		5-13	RC MFSBK/ABK	Fr SS SP SEXP					
		33-54	RC WFSBK/ABK	Fr SS SP SEXP	Com Mn				
		54-58	R CL WFSBK	Fr SS SP SEXP					
P,t 3	LSS 6%	0-7	B CL WFSBK	Fr SS SP SEXP		63"	-	-	PS .275
		7-52	R C WFSBK	Fr SS SP SEXP	Com Mn				
		52-63	R CL WFSBK	Fr SS SP SEXP					
P,t 4	Shoulder 11	0-36	RC ABK	fri SS SP Sexp		54	-	-	PS .3
		36-54	RC SBK/MA	fri SSSP Sexp					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	V Panel	V Panel
Site LTAR	.275	.275

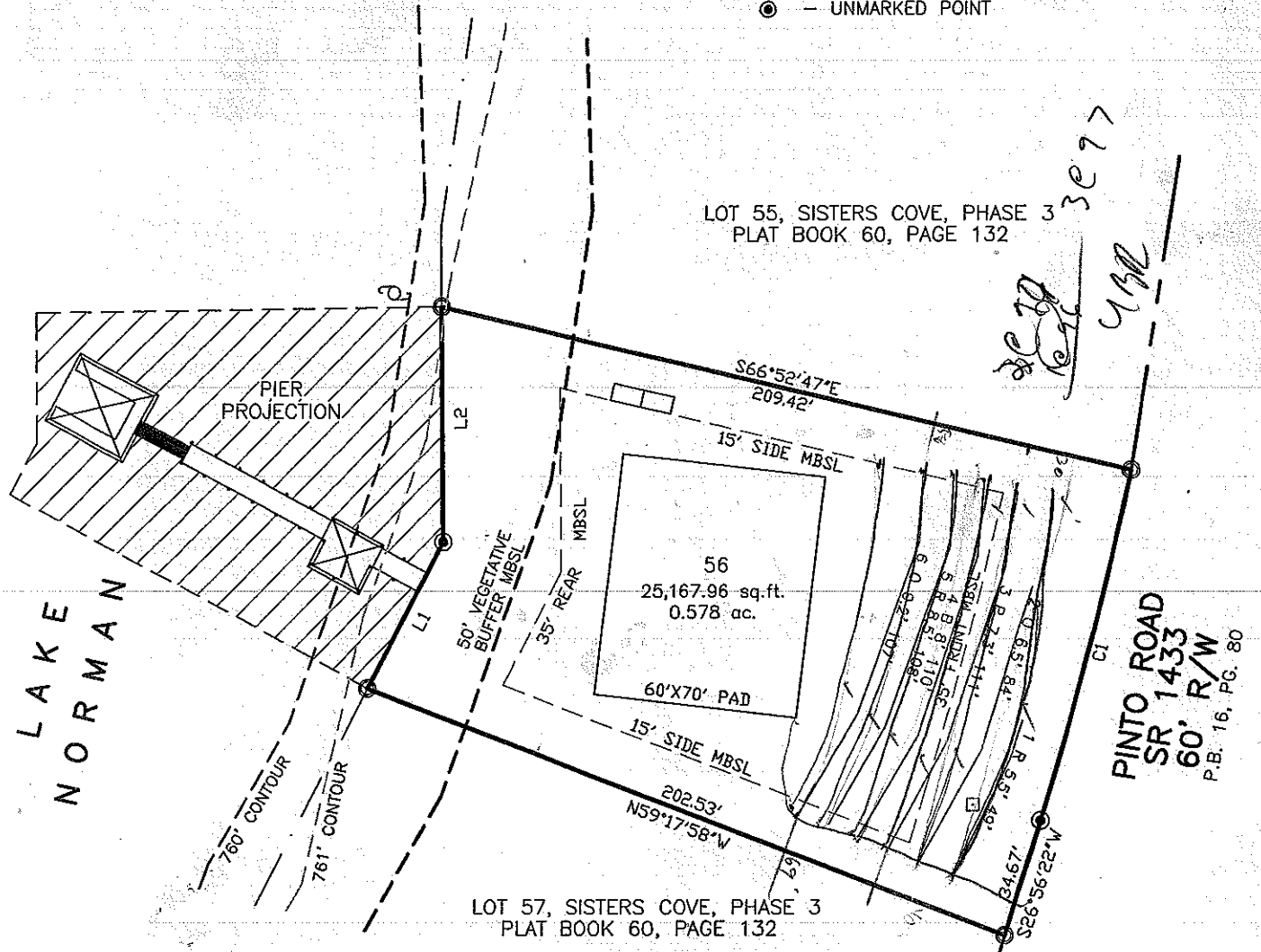
Other Factors (.1946): —
Soil Evaluation By: Pruett
Others Present: Penninger/Freeman
Site Classification (.1948): PS
Site Evaluation By: Freeman
Others Present: Penninger

MINIMUM BUILDING SETBACK LINES:

FRONT----------35 FEET
SIDELINE----------15 FEET
SIDELINE ABUTTING STREET----------25 FEET
REAR----------35 FEET FROM PROJECT BOUNDARY OR
50' FROM 760' CONTOUR LINE

LEGEND:

MBSL – MINIMUM BUILDING SETBACK LINE
EIP – EXISTING IRON PIN
VB – 50' REAR VEGETATIVE BUFFER
◉ – UNMARKED POINT



LINE TABLE		
LINE	LENGTH	BEARING
L1	47.81'	N37°53'11"E
L2	68.14'	N09°07'05"E

CURVE TABLE				
CURVE	ARC	RADIUS	CHORD BRG.	CHORD DIST.
C1	104.53	1112.25	S24°14'38"W	104.49'

PIER PROJECTION MAP FOR

LOT 56, SISTERS COVE, PHASE 3

DAVIDSON TOWNSHIP | IREDELL COUNTY | NORTH CAROLINA

PIN NO: 4648-57-5314 | SCALE: 1"=50' | DRAWN BY: SMS

DEED REF.: 2174-1392 | DATE: 08-19-13 | DRAWING NO: K02307-PIER56

KESTLER SURVEYING, INC.
2351 SIMONTON ROAD, STATESVILLE, N.C. 28625 PH. 704 – 872 – 0212

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

NAD83