DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4648573155
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Magnolia Lakes Partners
ADDRESS:
APPLICATION DATE
DATE EVALUATED: 3-15-13
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 4.56 Ac
LOCATION OF SITE: Lot 8 Sisters Cove Now Lot 58
PROPERTY RECORDED: yes
WATER SUPPLY: • Private • (Public) • Well • Spring • Other
EVALUATION METHOD: • Auger Boring • (Pit) • Cut
TYPE OF WASTEWATER: • (Sewage) • Industrial Process • Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON 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	7% L	0-14	wkfsbkcl	frsssp	None obs	55"	NA	NA	.3
		14-55	mfsbkc	frsssp					
2	7% L	0-10	wkfsbkcl	frsssp	None obs	56"	NA	NA	.25-.3
		10-56	mfsbkc red PBK	frsssp few brn mottles & manganese coatings					
3	9%	0-13	wkfsbkcl	frsssp	None obs coatings	57"	NA	NA	.25
		13-57	mfsbkc slight red	frsssp few-common manganese					
4	6% L	0-9	wkfsbkcl brn	frsssp	None obs	59"	NA	NA	.3
		9-35	mfsbkc red	frsssp sapp					
		35-59	wkfsbkcl red	frsssp					
		water line & phone cable clean up few gravelly rock at/or 35"							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS spa, 1956	PS spa, 1956
System Type(s)	LPPPBPS	LPPPBPS
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: DR Hinson
OTHER(S) PRESENT: Paul Pennington

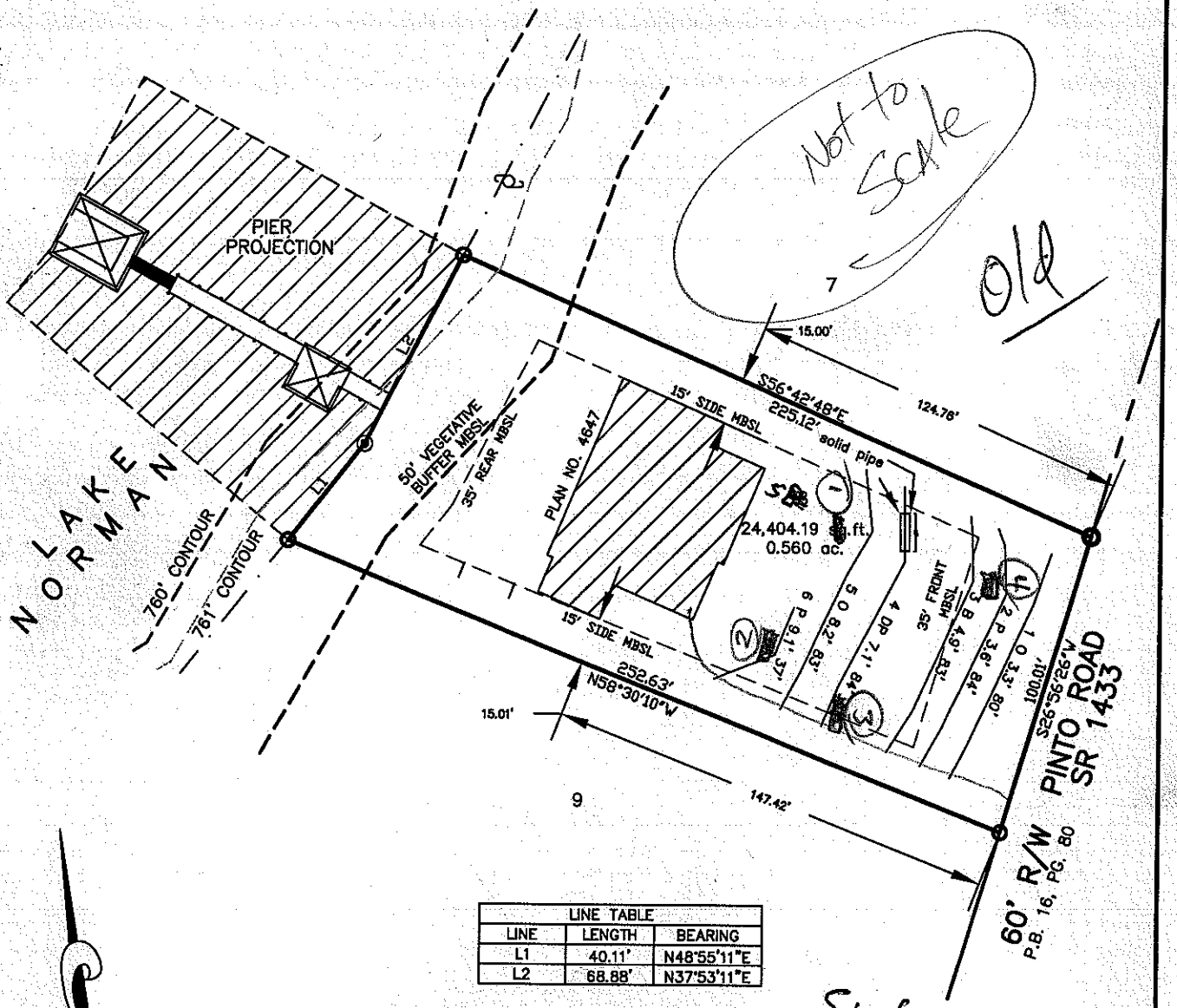
COMMENTS:

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	40.11'	N48°55'11"E
L2	68.88'	N37°53'11"E

PIER PROJECTION MAP FOR

~~MAGNOLIA BAY EAST~~ S. Sisters Bay R. W.

DAVIDSON TOWNSHIP | IREDELL COUNTY | NORTH CAROLINA

PIN NO: 4648-57-3155 | SCALE: 1"=50' | DRAWN BY: SMS

DEED REF.: 1876-2391 | DATE: 09-20-07 REV.: 02-28-2013 | DRAWING NO: K02307-PIER8

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.