DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 1578562727
COUNTY: Iredell

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: Magnolia Place Partners — APPLICATION DATE: ____
ADDRESS: P.O. Box 3965, Mooresville — DATE EVALUATED: 3-15-13
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: ½ ac
LOCATION OF SITE: Lot 12 Sisters Cove Nw Lot 62 — PROPERTY RECORDED: ____
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 | 6% L | 0-13 | WKSBK SCL | FRSSSP | | | | | |
| | | 13-30 | WKSBK CL | FRSSSP | NRO 06s | 54" | NA | NA | .25 |
| | | 30-54 | MFABK RDN light C | FRSSSP | | | | | |
| | | | common manganese stains | | | | | | |
| 2 | 5% L | 0-7 | WKSBK DRK SCL | FRSSSP | NRO 06s | 54" | NA | NA | |
| | | 7-29 | WKSBK RDN CL | FRSSSP few manganese stains | | | | | .25 |
| | | 29-54 | MFABK RDN C | FRSSSP common manganese stains, few concretions | | | | | |
| | | Saw water at 54" at edge of pit | | fill on Smith end of pit | | | | | |
| 3 | 5% L | 0-8 | WKSBK LOAM SCL | FRSSSP | | | | | |
| | | 8-29 | WKSBK CL | FRSSSP common manganese stains | | | | | |
| | | 29-55 | MFABK C | FRSSSP common manganese stains | | | | | .25 |
| 4 | 9% L | 0-6 | WKSBK CL | FRSSSP | | | | | |
| | | 6-50 | MFABK C | FRSSSP | NRO 06s | 50" | NA | NA | .25 |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS on 1956 | PS on 1956 |
| System Type(s) | LPP&BDS | LPP&BDS |
| Site LTAR | .25 | .25 |

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ES
EVALUATED BY: DR Wilson
OTHER(S) PRESENT: Paul Hennigan

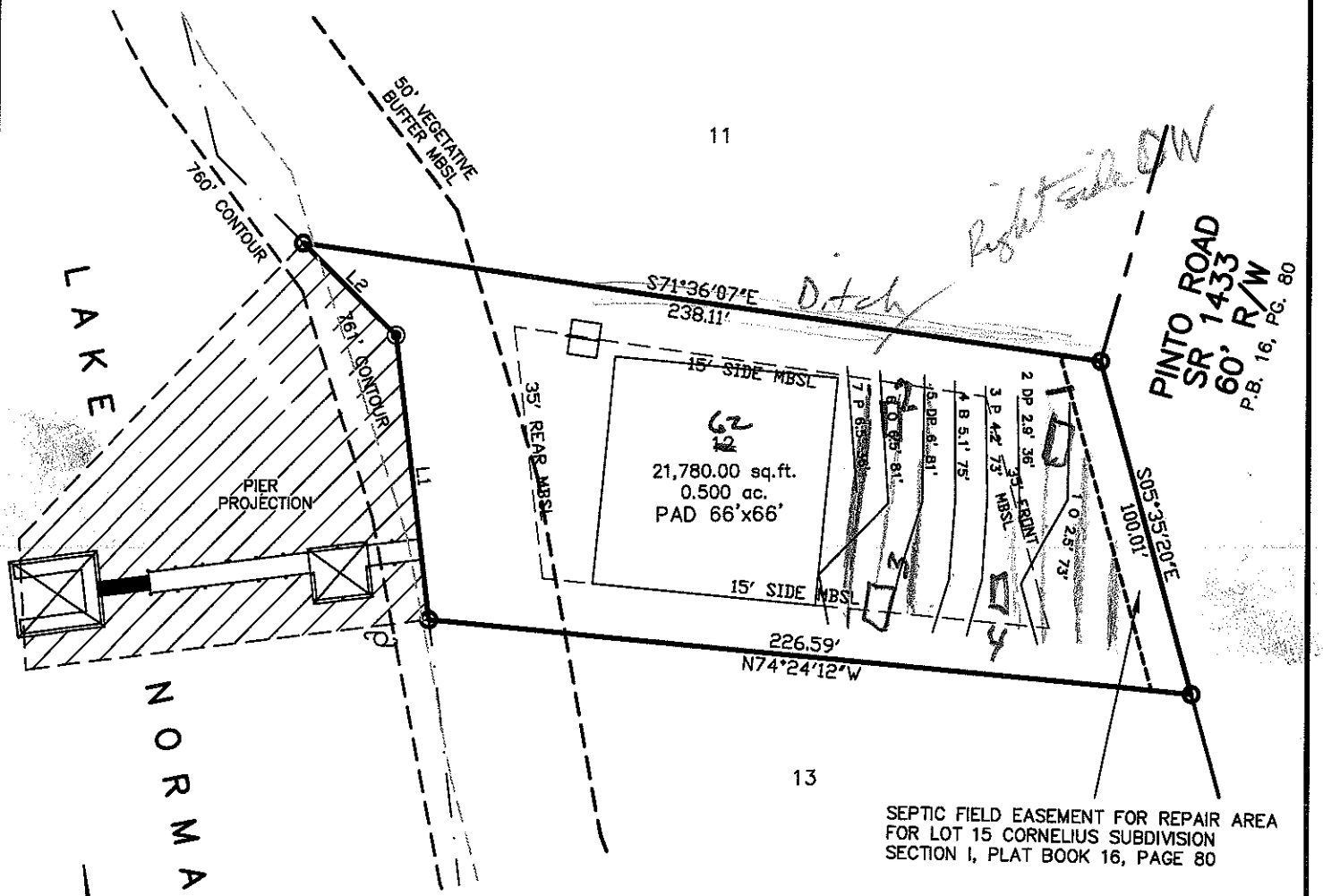
COMMENTS: ____

## 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 | 82.85' | N03°09'54"E |
| L2 | 38.05' | N35°20'06"W |

Sisters Cove
Ph. 3

PIER PROJECTION MAP FOR

# MAGNOLIA BAY EAST

DAVIDSON TOWNSHIP | IREDELL COUNTY | NORTH CAROLINA
PIN NO: 4648-56-2727 | SCALE: 1"=50' | DRAWN BY: SMS
DEED REF.: 1876-2391 | DATE: 09-20-07 | DRAWING NO: K02307-PIER12


KESTLER SURVEYING, INC.
P.O. BOX 1793, STATESVILLE, N.C. 28687 PH. 704 - 872 - 0212


## GRAPHIC SCALE

50 0 25 50 100 200

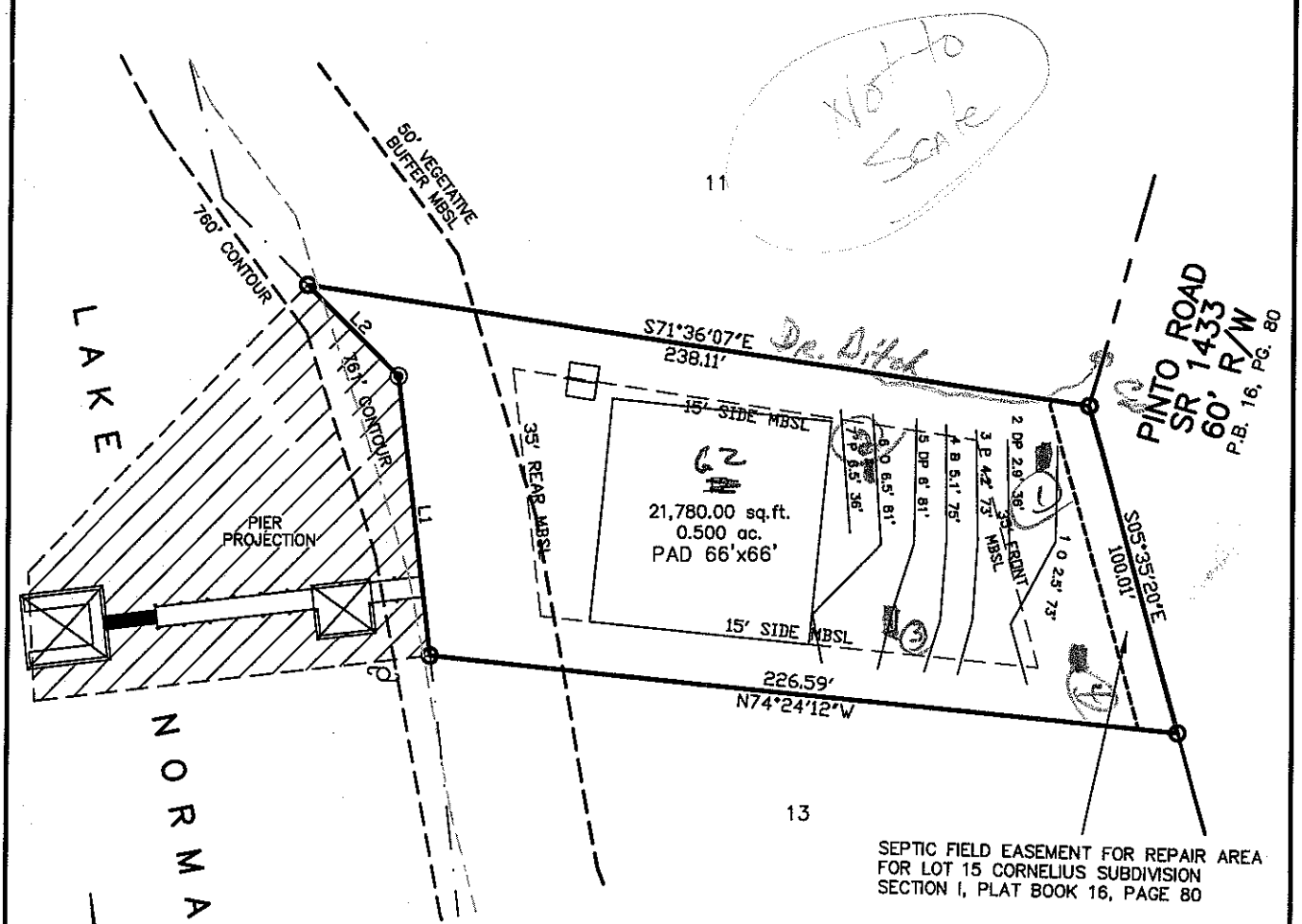
( IN FEET )
1 inch = 50 ft.

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PIER PROJECTION MAP FOR ~~MAGNOLIA BAY EAST~~ Sixtus Cove Ph II

DAVIDSON TOWNSHIP | IREDELL COUNTY | NORTH CAROLINA
PIN NO: 4648-56-2727 | SCALE: 1"=50' | DRAWN BY: SMS
DEED REF.: 1876-2391 | DATE: 09-20-07 | DRAWING NO: K02307-PIER12

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