RECEIVED APR 2 3 2015

Revised

APPROVED APR 2 8 2015



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Reference: Data Sheet for 142 Lakeview Shores Lp., CL&T Sec. 8, Lot 1610
House Footprint: 60' x 73'
Building Setbacks: 35' front, 15' side, 50' lake
Water Source: Private well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: Existing system + 25% Reduction
Proposed Repair System Type: PPBPS
Distribution: Pressure manifold
Flow per Tap: 1 @ 5.48 GPM, 2 @ 7.11 GPM
Tap Size and Material: 1 @ ½" SCH 80, 2 @ ½" SCH 40
System Flow: 19.7 GPM
Dosing Volume: 148.8 gallons
Pump Run Time: 7.6 minutes
Elevation Head: 22.4'
Friction Head: 1.3'
Pressure Head: 2'
Total Dynamic Head: 25.7'
Supply Line Length: 150'
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 36" maximum

Line	Design Length	Actual Length	Elevation
Blue 1 (ex)	**110'**	**110'**	**3.6'**
Pink 2 (ex)	**130'**	**130'**	**4.0'**
White 3	**50'**	**50'**	**5.6'**
Blue 4	**50'**	**55'**	**7.4'**
White 5		58'	8.0'
Pink 6		80'	
Blue 7		41'	
White 8		32'	
Pink 9		41'	
Blue 10		23'	

Initial System: 240' (ex) + 100' 25% Red. **Repair System:** 275'
Pump Tank: 21.0' **House Corner:** 20.2' **Benchmark:** 7.1'

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Comments:

This lot is an existing three bedroom residence. The current system is a pump to a distribution box to 240' of conventional line. The present owners wish to build a new four bedroom house. MA&A is proposing to add 100' of 25% reduction system to accommodate the fourth bedroom. The SCH 80 tap will feed B1. One SCH 40 tap will feed P2 and the other will feed W3 and B4 linked together by end caps. There are existing tanks on the property that will need to be pumped, crushed, and filled and new tanks need to be installed.

PREVIOUS

This property is currently approved for a remodel to the original structure. The original house has since been torn down and a new house is proposed. As per ICHD request, a new site plan and application are being submitted. Our original septic design has remained the same and a new site plan showing the new house location is being submitted.

The new house is represented by a 60' x 73' box. The actual house will be constructed with a courtyard drive as shown on the site plan. The existing well will be used.

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BLOCK ; map recorded in book SEE TITLE BLOCK):
not surveyed are shown as broken lines platted from
m; that this plat was prepared in accordance with G. S. 47-30
he ratio of precision is 1:10,000+. This survey is of an existing
land and does not create a new street or change an existing street.
found within 2000'. A portion of this property is located in
ard Area (Zone AE) designated by the FEMA FLOOD
APS. See panel # 370313 0200 C (Effective Date: 03/28/2003)

signature, registration number, and seal this 2nd day of August, 2006.

T ORIGINALLY ISSUED AND SEALED
FIELD, NCPLS L-1404, ON AUGUST 2, 2006.
OT BE CONSIDERED A CERTIFIED DOCUMENT.

NCPLS 1404

SCALE: 1" = 40'

Lot 348
PB 15-69

N74°12'00"E
176.59'

STORAG

#6 REBAR SIDELINE

POLE
#4 REBAR

15' BLDG LINE

SEPTIC ACCESS

50' BLDG LINE (FROM PROPERTY LINE)

PROPERTY LINE

N61°43'24"E
180.72'

GRAVEL DRIVE

CONCRETE PAD

HOUSE

1 STORY SF RESIDENCE W/B'MENT. FF ELEV=788.6

CAR PORT

STORAGE

50' VEGETATIVE BUFFER LINE (FROM EX 780 CONTOUR)

EX #6 REBAR AT 0.14' SIDELINE EXTENDED

55' BLDG LINE

203.1'

Lot 1610
1.225 Acs

GRAVEL DRIVE

POLE

18' BLDG LINE

343.78'
S66°17'44"W

LAKEVIEW SHORES LOOP
60' Public R/W ~ SR 1455

SITE

LANE

EX #6 REBAR AT 0.06' SIDELINE EXTENDED

Lot 1609
PB 17-47
DB 1492-1916

APPROVED APR 28 2015

Boundary and Pl
142 Lakeview Shore
Lot 1610 of CL&T C
Lake Norm
Davidson Township N
Tax PIN 4826-29-5910 ~ D. B.