DAS DON ALLEN & ASSOCIATES, P. A.
"Since 1971"
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 1886, page 1539, and/or plat book 9, page 16, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 28, day of APRIL, A.D. 20 16.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA SEAL L3499 LAND SURVEYOR WILLIAM M. ALLEN

1" = 40'

Approved 5/24/16 MD

MARINA VILLAGE
8/34

LOT 33
ROBERT K. HARRIS
1023/1284

LOT 32
JANELL B. AUTEN
819/132

LOT 1
PETER GJURAJ
2363/700

LOT 4
ALAN MEUOT
1649/2103

LOT 2
G.W. ADAMS
491/294

LOT 3
0.46 AC

#4 REBAR
PRIVACY FENCE ENCROACHES
N89°36'25"E 33.15'
PRIVACY FENCE 0.39' OFF OF PROPERTY LINE
SPIKE NAIL IN TREE
S56°55'22"E 124.42'
170.27'
35' SETBACK
15' SETBACK
PATIO
PRIVACY FENCE 2.1' OFF OF PROPERTY LINE
27.4'
2 STORY VINYL/BRICK COMP. ROOF
PORCH
40' SETBACK
46.3'
58.5'
ST
15' SETBACK
S03°49'41"E 100.82'
N00°12'00"W (BASE BEARING)
40.2'
CONCRETE DRIVE
R/W
2" PIPE
S89°48'00"W 120.30'
R=365.20'
A=23.29'
(CHORD BEARING)
S86°06'27"W 23.29'
(TIE ONLY)
N72°51'49"W 99.26'
PK NAIL
OVERHEAD POWER
SHORELINE LOOP
60' PUBLIC R/W
BAY PL 60'
PB. 9 PG. 16

154' LP PPBPS
Repair Shown

267' LP PPBPS
Considered "full"
Repair

4 BDR
@ 0.3gpd/ft²

NOTES
1) THIS PROPERTY MAY BE SUBJECT

THE OAKS GROUP, PA

Approved
MD
5/24/16

To: Iredell County Environmental Health Department (ICHD)

From: Kathleen Saunders, LSS

RE: 114 Shoreline Loop

Date: May 4, 2016

Attached is the septic specification information required to permit 114 Shoreline Loop for an Improvement Permit and/or Construction Authorization Permit in Iredell County via the Expedited Review Process.

The attached information is not an Improvement Permit or an Authorization to Construct, and is only to assist the ICHD with permitting. The ICHD has to approve each lot and only the ICHD can issue these permits. The system should be installed according to the ICHD permits, policies, and NC Rules, which these specifications are in accordance with. If the ICHD wishes to change tank locations, distribution devices, etc they may do so at their discretion.

All information and specifications have been prepared in conjunction with ICHD permitting guidelines for the current lot owners to acquire an Improvement Permit and/or Authorization to Construct on this lot. It is ultimately the ICHD's responsibility to verify all specifications, including soil descriptions, before permitting and/or septic system installation.

LICENSED SOIL SCIENTIST
KATHLEEN M. SAUNDERS
1313
STATE OF NORTH CAROLINA

Kathleen Saunders

Lot 3 Bayview Estates Subdivision Fast Track - The Oaks Group, PA

Number of Bedrooms	**4**
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.3 per existing permit**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	400
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (Low Side)	36" per existing permit
Maintenance Agreement Required	No
Repair System	**Exempt/Partial LP PPBPS**
Total Linear Feet	154
Repair Loading Rate	0.3

Approved 5/24/16 MP

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	Repair	Red	LP PPBPS	33
2	Repair	Orange	LP PPBPS	65
3	Repair	Blue	LP PPBPS	25
4	Repair	Pink	LP PPBPS	20
5	Repair	Orange	LP PPBPS	11
6	System	Red	25% Reduction	80 Existing
7	System	Orange	25% Reduction	80 Existing
8	System	Blue	25% Reduction	80 Existing
9	System	Pink	25% Reduction	80 Existing
10	System	Orange	25% Reduction	80 Existing
				Total System: 400'
				Total Repair: 154'

Note: Keep proper setbacks to foundation drains
Distribution devices and tank locations can be altered at ICHD's discretion
Lot is repair exempt