Site Address: 163 Raspberry Lane

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 205487

IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4684232134

APPLICANT: Kevin O'Connor | APPLICANT ADDRESS: 100 Brownstone Drive Mooresville NC 28117

SITE ADDRESS: 163 ~~Southpoint Drive~~ Mooresville, NC 28117 | PHONE: (704) 402 1024 | ALT. PHONE:

SITE DIRECTIONS: Go Brawley Sch Rd TR on South Point Rd lot on end

SUBDIVISION: CLT | SECTION: 6 | LOT # 430 | LOT AREA: 1.15 ac | DESIGN FLOW: 480 | L.T.A.R.: .3

Septic Tank 1000 (gal) STB 794 Date 5-16-16
Pump Tank 1000 (gal) PT 283 Date 6-2-16
Pump Make Myers Model ME95 Serial #
Nitrification Fields 1 # Lines 4-100' Linear Ft: 400'
Trench Width 36" Max. Trench Bottom Depth 36" * Gravel Depth N/A

☐ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: 25% reduction (4-100') pump to pressure manif.
Repair System Description: 25% reduct (5-80') pressure manif.
Maintenance Agreement Required: ☐ YES ☑ NO ☐ GRAVITY ☑ PRESSURE

☑ Residence ☐ Business ☐ Other ☐ Slab ☑ Crawl Space ☐ Basement w/plumbing
No. Bedrooms 4 | No. Persons | No. Employees
☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: ~~Well~~ existing well in drainfield area to be abandoned prior to septic system installation under health dept. supervision w/permits. Replace drain lines and burried electric cable links before septic system installation. Water and electric line from existing well to be located

12/7/15 Reviewed Floor plans in compliance with Septic plan. GW-30 attached.
7/18/16 Onsite meeting w/ K&H

INITIAL SITE SKETCH

See site plan and layout + design specs for pressure manifold/pump submitted by Rollins Soil and Environmental Services PA. prepared by Ashley Rollins LSS revision recieved Sept 18, 2014 and approved Sept 19, 2014.

Note pre-septic installation onsite meeting required with health dept representative and installer to determine how to best effectively deal with water line and electric service to existing well after it is abandoned to prevent cross channeling between drain lines. Owner (Kevin O'Connor) has agreed by email and by signing permit to do what is required at that time. (see email attachment)

AS BUILT SKETCH

Line 1 & 2 as drawn } 7/19/16
Line 3 now repair } Checked lines
Line 4 & 5 initial } & tanks

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

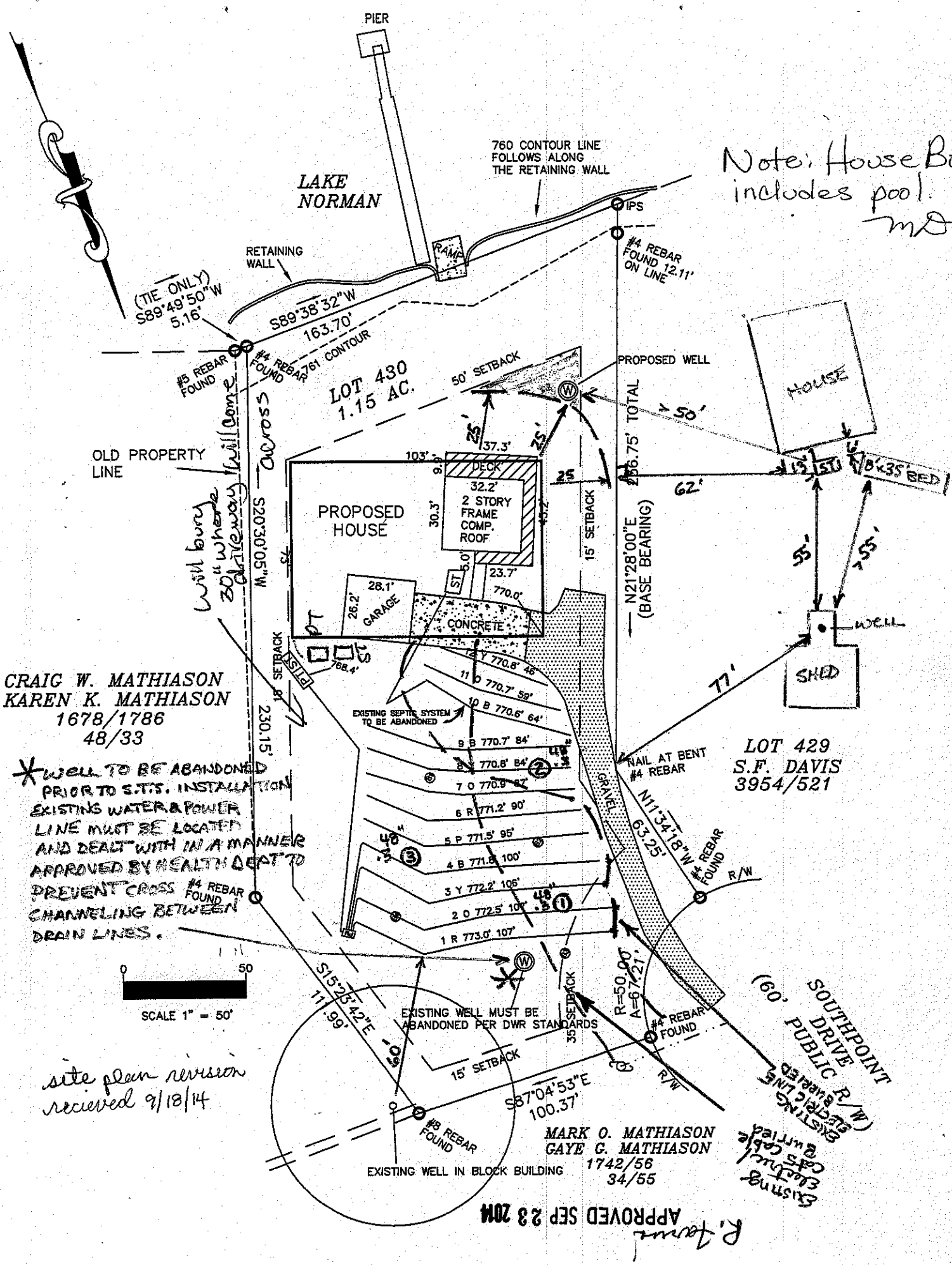
☐ **IMPROVEMENT PERMIT** *with plat* valid without expiration. ☑ **IMPROVEMENT PERMIT** *with site plan* valid for 60 mos. ☐ **AUTHORIZATION TO CONSTRUCT** valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Date: 9/25/14 Installed by: K&H

IMPROVEMENT PERMIT by: Richard Farris Date: 9/19/14 OPERATION PERMIT by: Spake Date: 11/4/16

AUTHORIZATION TO CONSTRUCT by: Maria Dalton RS Date: 12/7/15 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK


PIER
LAKE NORMAN
760 CONTOUR LINE FOLLOWS ALONG THE RETAINING WALL
Note: House Box includes pool. MO.
RETAINING WALL
RAMP
IPS
#4 REBAR FOUND 12.11' ON LINE
(TIE ONLY) S89°49'50"W 5.16'
S89°38'32"W 163.70'
761 CONTOUR
#5 REBAR FOUND
#4 REBAR FOUND
LOT 430 1.15 AC.
50' SETBACK
PROPOSED WELL
HOUSE
OLD PROPERTY LINE
Will locate 30" wide driveway across
S20°30'05"W 230.15'
PROPOSED HOUSE
DECK
32.2'
2 STORY FRAME COMP. ROOF
30.3'
37.3'
25'
25'
103'
9.8'
40.2'
15' SETBACK
23.7'
5.0'
ST
28.1'
26.2'
GARAGE
CONCRETE
770.0'
PIS
SETBACK
768.4'
N21°28'00"E (BASE BEARING)
136.75' TOTAL
> 50'
62'
15'
5T
6'
8'x35' BED
55'
55'
WELL
SHED
77'
CRAIG W. MATHIASON
KAREN K. MATHIASON
1678/1786
48/33
*WELL TO BE ABANDONED PRIOR TO S.T.S. INSTALLATION EXISTING WATER & POWER LINE MUST BE LOCATED AND DEALT WITH IN A MANNER APPROVED BY HEALTH DEPT TO PREVENT CROSS CHANNELING BETWEEN DRAIN LINES.
#4 REBAR FOUND
EXISTING SEPTIC SYSTEM TO BE ABANDONED
11 O 770.7' 59'
10 B 770.6' 64'
9 B 770.7' 84'
8 Y 770.8' 84'
7 O 770.9' 87'
6 R 771.2' 90'
5 P 771.5' 95'
4 B 771.8' 100'
3 Y 772.2' 105'
2 O 772.5' 107'
1 R 773.0' 107'
40" x 5
48" x 5
48" x 5
NAIL AT BENT #4 REBAR
LOT 429
S.F. DAVIS
3954/521
GRAVEL
N11°34'18"W 63.25'
#4 REBAR FOUND
R/W
0
50
SCALE 1" = 50'
S15°25'42"E 11.99'
EXISTING WELL MUST BE ABANDONED PER DWR STANDARDS
35' SETBACK
R=50.00'
A=67.21'
#4 REBAR FOUND
15' SETBACK
S87°04'53"E 100.37'
R/W
SOUTHPOINT DRIVE (60' PUBLIC R/W)
EXISTING OVERHEAD ELECTRIC LINE
Existing Southern Bell Cable Buried
#8 REBAR FOUND
EXISTING WELL IN BLOCK BUILDING
MARK O. MATHIASON
GAYE G. MATHIASON
1742/56
34/55
site plan revision recieved 9/18/14
APPROVED SEP 23 2014