IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 202670 ✓

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

PIN # 4626918116

APPLICANT: James Martino APPLICANT ADDRESS: 175 Carriage Club Dr. Apt. 8-302 Mooresville, NC 28117

SITE ADDRESS: 111 Squam Mt. Mooresville, NC 28117 PHONE: 7923406 5 ALT. PHONE:

SITE DIRECTIONS: Brawley School Rd TL Great Point Dr TL Wild Harbor Rd TR Atlantic Way TR Squam at end

SUBDIVISION: The Point SECTION: III LOT # 327 LOT AREA: DESIGN FLOW: 480 gpd L.T.A.R.: ~.25

Septic Tank 1500 (gal) STB 390 Date 10-11-13

Pump Tank 1000 (gal) PT 363 Date 11-11-13

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft: 450

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A

EXIST

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: ★New tanks - pm - 25% Reduct

Repair System Description: pm - 25% Reduction (offsite)

Maintenance Agreement Required: ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

☒ Residence ☐ Business ☐ Other ☐ Slab ☒ Basement w/plumbing

No. Bedrooms 4 No. Persons 8 No. Employees ☐ Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community ☐ Basement w/o plumbing

Comments / Conditions: ★Moving tank locations (either relocate existing tanks) plus adding an additional 1500 Settling tank & grinder pump for basement plumbing or install new tanks

★★ Tanks relocated to accomodate inground pool. MD

INITIAL SITE SKETCH

Settling tank 1500gal

See attached (approved) plan by Michael Athanas & Associates

AS BUILT SKETCH

★ Used Existing Pump & Floats in New Tanks

★ 1500gal Settling Tank SET STB - 390 Dt. 6-10-13

★ Installed as Drawn on Plan ALP 5-25-14

★ Electrical Checked ALP 6-2-14

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**

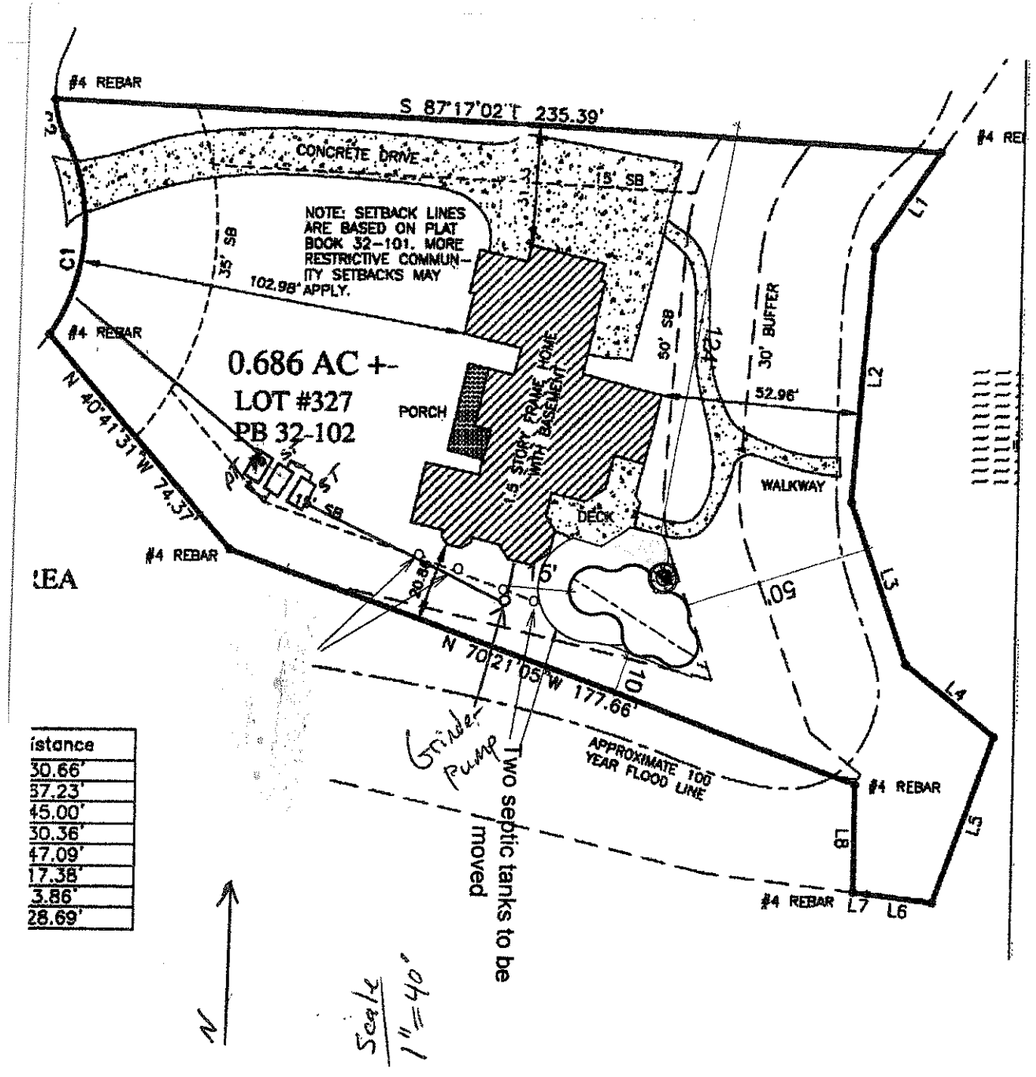
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 4/30/14 Installed by: Specialty Septic

IMPROVEMENT PERMIT by: Date: 4/29/14 OPERATION PERMIT by: Date: 6-2-14

AUTHORIZATION TO CONSTRUCT by: Date: 4/29/14 Existing System Inspected by: Date:

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



istance
30.66'
37.23'
45.00'
30.36'
47.09'
17.38'
3.86'
28.69'

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: **111 Squam Ct. Mooresville, The Point, Ph. 3, Lot 327**

The purpose of this evaluation was to change the locations of the tanks to make room for a pool. The attached site plan shows the proposed tank locations. A grinder pump will be needed to get the sewage from the basement level to the tanks. The proposed tanks are: one 1500 gallon septic tank used as a settling tank, another 1500 gallon septic tank, and a 1000 gallon pump tank. The original offsite four bedroom system will remain the same.