IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-[redacted] esville Office (704) 660-3625

Old # 152939 PERMIT # 219179

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

PIN # 4761-49-3796.000

APPLICANT: Michael Ryan Homes Inc. APPLICANT ADDRESS: PO Box 620013 Charlotte NC 28262

SITE ADDRESS: 116 Willie Trail Statesville NC PHONE: 704-524-9000 ALT. PHONE:

SITE DIRECTIONS: Hwy 70 E, TR Bethesda, TL Northlake, TL Mountain Island, TR Willie, Site on R

SUBDIVISION: Northlake SECTION: P2 LOT # 38 LOT AREA: 0.69 Acres DESIGN FLOW: 480 GPD L.T.A.R.: .3 I / .275 R

Septic Tank 1000 (gal) STB 794-Dellinger Date 11-4-16
Pump Tank 1000 (gal) PT PT-27 Date 11-16-16
Pump Make Gould Model PE 51 M Serial #
Nitrification Fields 1 # Lines 6 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 - Pump
Repair System Description: U-PIPES
Maintenance Agreement Required: ☐ YES ☒ NO
☐ GRAVITY ☒ PRESSURE

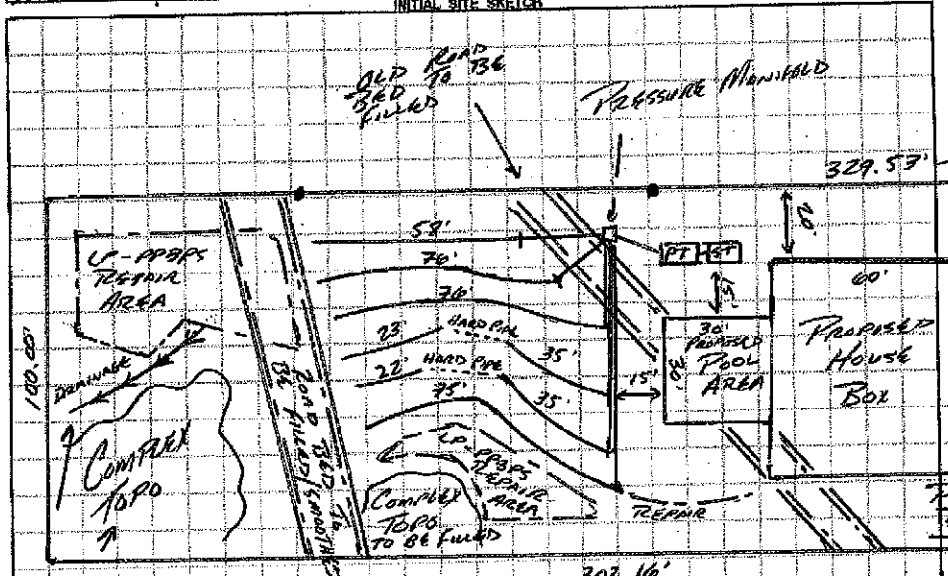
☒ Residence No. Bedrooms 4
☐ Business No. Persons 8
☐ Other No. Employees
☒ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Fill + Drainage, Compact Topo, High Side of Existing Road Bed, & Old Road Bed Hard Pipe Through Depression in Land To Make a 58' & 57' Line Where Shown.

3/10/17 4 sch 80 taps 2 sch 40 taps

INITIAL SITE SKETCH



1" = 50'

AS BUILT SKETCH

TAP SIZES		Installed
TAP SIZE	LINE LENGTH	
1 1/2" SCH 80	58'	58
1 1/2" SCH 40	76'	78
1 1/2" SCH 40	76'	82
1 1/2" SCH 80	58'	62
1 1/2" SCH 80	57'	62
1 1/2" SCH 40	75'	62
	80'	404

OK

Dosing Information

209.04 Gal/Dose

37.77 GPM

5.53 Min. Run Time

1 / 1 To Be Filled

12-29-16 Dellinger 1000-GAL mid-seam conc tank w/ a Polylok - PL-68 effluent filter
Dellinger PT-27. Grading appears to have altered site loading to a linear side-slope installation of the drainfield lines. Infiltrator Quick 4 Plus chambers installed @ 36". 5.82

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: [signature] Date: 7-28-16

IMPROVEMENT PERMIT by: [signature] APPROVED Date: JUL 26 2016

AUTHORIZATION TO CONSTRUCT by: [signature] APPROVED Date: JUL 26 2016

Installed by: Marty Tucker

OPERATION PERMIT by: [signature] Date: 3/10/17

Existing System Inspected by: Date:

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

	Date	Initials
Drain Lines Checked		
Tanks Checked	12-26-16	S.A
Pressure Manifold or Valve Box Checked	12-26-16	S.A
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		
Comments:		

GOULDS

PE51M

SUBMERSIBLE PUMP
.5HP 1/60/115 9.5MA