Old # 140181

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 215667

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

PIN # 4639299977

APPLICANT: Whitley Construction APPLICANT ADDRESS: 127 Hunters Pointe

SITE ADDRESS: 191 Timberlake Dr. - Troutman PHONE: 704-360-4641 ALT. PHONE: N/A

SITE DIRECTIONS: State Park Rd to Morrison Farm TL Emerald Creek TR Timberlake

SUBDIVISION: Falls Cove - Parkwood SECTION: PH I LOT # 623 LOT AREA: 0.978 acres DESIGN FLOW: 480gpd L.T.A.R.: 0.3

Septic Tank	1500 (gal)	STB	338	Date	5/16/16	☑ New System ☐ Repair ☐ Expansion	System Type: I II III (IV) V VI
Pump Tank	1500 (gal)	PT	477	Date	5/16/16	System Description:	Low Pressure PPBPS
Pump Make	Zoeller	Model	WE10T2HH	Serial #		Repair System Description:	Low Pressure PPBPS
# Nitrification Fields	1	# Lines	5	Linear Ft:	280	Maintenance Agreement Required:	☑ YES ☐ NO
Trench Width	36	Max. Trench Bottom Depth	36	Gravel Depth	N/A	☐ GRAVITY	☑ PRESSURE

☑ Residence No. Bedrooms 4
☐ Business No. Persons 3
☐ Other No. Employees
☐ Slab ☐ Crawl Space
☑ Basement w/ plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

Comments / Conditions: * A Pre-construction meeting with the health department & septic installer is required. Prior to installation of system to verify all fill dirt has been removed from septic area. *Install trench bottom @ 36" on high side of * Remove soil pile & log piles from septic area ASAP during dry conditions.

INITIAL SITE SKETCH

See attached Plan by:

Penninger Soil Consulting, PLLC

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	7/8/16	SL
Tanks Checked	7/1/16	SL
Pressure Manifold or Valve Box Checked	7/8/16	SL
Pressure Head Set	7/8/16	SL
Electrical Checked	2.15.17	BA
Floats Set	7/8/16	SL
Alarm Checked	1.27.17	BA
Maintenance Contract Y/N	2.15.17	BA
Comments:	Supply Line OK	SL

Check valves installed on top 2 lines.

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**

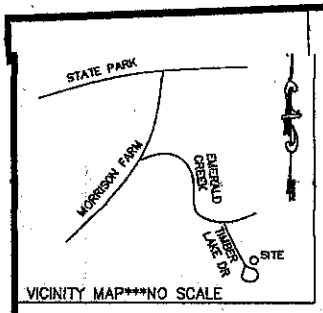
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☑ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 1/6/16 Installed by: Kevin Hallman

IMPROVEMENT PERMIT by: Justin Henderson Date: 1/4/16 OPERATION PERMIT by: Date: 2-15-17

AUTHORIZATION TO CONSTRUCT by: Justin Henderson Date: 1/4/16 Existing System Inspected by: Date:

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



VICINITY MAP***NO SCALE

LEGEND

- P.P. = POWER POLE
- = POWER TRANS.
- E.I.P. = EXISTING IRON FOUND
- I.P.S. = #4 REBAR SET
- R/W = RIGHT-OF-WAY
- CP = COMPUTED POINT

Summary of Primary T&J Piped System Lines

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rock Reading (Ft.)	Panels	Holes	Hole Spacing	Hole Size (in.)
1	System	red	LPPFBPS	65'	9.9	12	12	1 per panel	5/32"
2	System	blue	LPPFBPS	80	8.6	14	14	1 per panel	5/32"
3	System	white	LPPFBPS	60	7.5	14	14	1 per panel	5/32"
4	System	orange	LPPFBPS	60	6.3	14	14	1 per panel	5/32"
5	System	red	LPPFBPS	45	5.7	10	10	1 per panel	5/32"
6	Repair	orange	LPPFBPS	115	6.3				
7	Repair	blue	LPPFBPS	120	8.6				
8	Repair	white	LPPFBPS	65	8.2				
9	Repair	orange	LPPFBPS	35	4.9				
				Total System: 280'		Total: 84	Total:84	(1 in each panel)	

Tank	
Pump Tank	1500 gal. (2 compartment)
	1500 gal. - per ex. PP
House (TFB)	25.9
	13.9

Note: Installer and ICHD shall verify all line locations, tank locations, and elevations prior to installation. System is to be installed according to any other ICHD, Falls Cove, and T&J Pump requirements or policies. *The system is designed to supply the ICHD Fast Track LSS checklist and are not intended to represent an Engineered System by the ICHD Fast Track LSS checklist.
*On similar systems the ICHD has requested the central valve box be located on the upper drainfield line.
*System proposal information must accompany Pennington Soil Consulting, PLLC written report dated 12/17/15.

NOTES

1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) PARCEL # 4639299977
6) DEED REF. BOOK 2114 PAGE 937
7) PLAT BOOK 52 PAGE 43

LINE TABLE		
LINE	BEARING	LENGTH
L1	S 30°48'50" E	19.12'
L2	S 69°15'59" E	22.33'
L3	S 30°39'40" E	44.91'
L4	S 24°33'39" E	23.70'

CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHORD
C1	177.50'	122.79'	S 51°50'37" E	120.36'

NORTH CAROLINA PROFESSIONAL SEAL L3499 LAND SURVEYOR WILLIAM M. ALLEN

*WHITLEY CONSTRUCTION SEPTIC SITE PLAN

PLOT PLAN SURVEY 12-17-15

OF

LOT 623 FALLS COVE PH. 6

FALLSTOWN TWSP., IREDELL CO., N.C.

DATE: OCT. 26, 2015

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)

1 inch = 50 ft.

DAS

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131 CROSSLAKE PARK DR. SUITE 102A Mooresville , N.C. 28117

(704) 664-7029 (704) 664-8041 Fax

FILE NAME: FALLS COVE 623.dwg

*SITE PLAN MUST ACCOMPANY PENNINGTON SOIL CONSULTING WRITTEN REPORT DATED 12-17-15