10:00

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 20289.1

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

PIN # 4637-26-1111

APPLICANT: Larry Thompson / True Homes APPLICANT ADDRESS: 175 Klutz Rd Salisbury NC 28147

SITE ADDRESS: 120 Riverwood Rd Mooresville NC PHONE: 704-301-4881 ALT. PHONE:

SITE DIRECTIONS: Hwy 150 W, TL on McCrary Rd, TR on Riverwood Rd, Lot on L near end

SUBDIVISION: Riverwood Bend SECTION: LOT # 3 LOT AREA: 0.677 ac DESIGN FLOW: 480 gpd L.T.A.R.: 0.3

Septic Tank 1000 (gal) STB 794 Date 8-14
Pump Tank 1500 (gal) PT 477 Date 8-25-14
Pump Make Model Serial #
Nitrification Fields 1 # Lines 5 Linear Ft: 270
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: LP PPBPS
Repair System Description: LP PPBPS
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: * Install trenches 36" Deep.
* Fill Gullied Areas

INITIAL SITE SKETCH

SEE DESIGN BY
Thompson Environmental
Consulting Inc

AS BUILT SKETCH

5/16 holes were drilled instead of 7/32" and not discovered until drain lines were covered and pump cycle was checked. Pump cycle is 3 min instead of 9 min. Design flow is 68-70 gpm instead of 30.5 gpm as designed pressure head is 9" instead of 2 ft. After weighing everything and conversing with supervisor colleagues, Paul Penniger, Larry Thompson (designer) Jim Hood (const. supervisor), Ronnie Overby and Garrett Howard (installers). It has been decided that the risk of further system/site damage outweighs monitoring system performance through bi-mo. certif. operator CHECKED LINES & TANKS maintenance inspections and 3 yr health dept inspections. 9-26-14 Hold OP for operator contract

CHECKED ELECTRICAL & ALARM
10/27/14

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.*

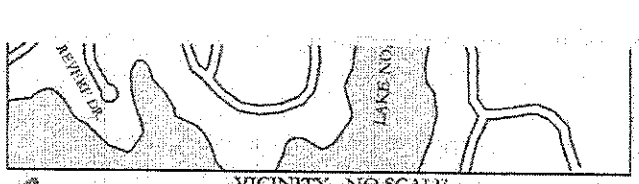
Owner / Applicant Signature: Date: 5-16-14 Installed by: Garrett Howard Overby I certif operator

IMPROVEMENT PERMIT by: Date: 5-1-14 OPERATION PERMIT by: Richard Farris Date: 11/21/14

AUTHORIZATION TO CONSTRUCT by: Date: APPROVED MAY 14 2014 Existing System Inspected by: Date:

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

R/W ..... Right of Way
C/L ..... Centerline
Power Pole
P/L ..... Property Line
O.H.U. ..... Overhead Utility
Proposed House / Septic Area
Denuded Limits
Silt Fence
Construction Entrance/Exit



VICINITY - NO SCALE

Lot 3 Riverwood Road Subdivision

SCALE
50 0 25 50
1 inch = 50 ft.

*This drawing is intended to serve as a septic layout only and is not a survey.

McCrary Road
60' Public R/W - Map 53 Page 57

N15°38'34"E 102.14
N15°31'37"E 16.40
N15°40'10"E 7.73
S55°10'49"E 259.22
N59°53'49"W 245.18
PLAT 53-57

NORTH CAROLINA PROFESSIONAL SEAL L-4243 LAND SURVEYOR MATTHEW J. STIKELEATHER
Preliminary

CUL
Manifold

Proposed Septic
Proposed Pool
FILL GULLIED AREAS PER SEPTIC PLAN
Disturbed Area 16,708 Sq.Ft.
Septic Tank
Pump Tank

Lot 4
Map 53 Page 57

Lot 3
Map 53 Page 57
Proposed House

Lot 2
Map 53 Page 57

Proposed Drive

RADIUS 272.53
ARC 180.57
CHORD S42°29'56"W 177.30

Proposed Well

TEMP. GRAVEL CONSTRUCTION ENTRANCE 12' x 25'

INSTALL SILT FENCE OUTLET AS NEEDED SEE DETAIL (Sht. 2 of 2)

Riverwood Road
60' Public R/W - Map 53 Page 57 (Paved)

NOTES

THIS PROPERTY IS SUBJECT TO ALL EASMENTS, RIGHTS-OF-WAY, AND RESTRICTIONS OF RECORD. THIS SURVEY WAS COMPLETED WITHOUT A FULL TITLE SEARCH. PROPERTY IS SUBJECT TO DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS, RECORDED, OR UNRECORDED.

UNDERGROUND UTILITIES WERE NOT LOCATED AT THE TIME OF THIS SURVEY.

THIS IS NOT A BOUNDARY SURVEY. ALL INFORMATION

PLOT PLAN FOR:
TRUE HOMES, LLC
#120 Riverwood Road

SCALE	TOWNSHIP	COUNTY	STATE	DATE
1" =50'	DAVIDSON	IREDELL	N.C.	04-10-14