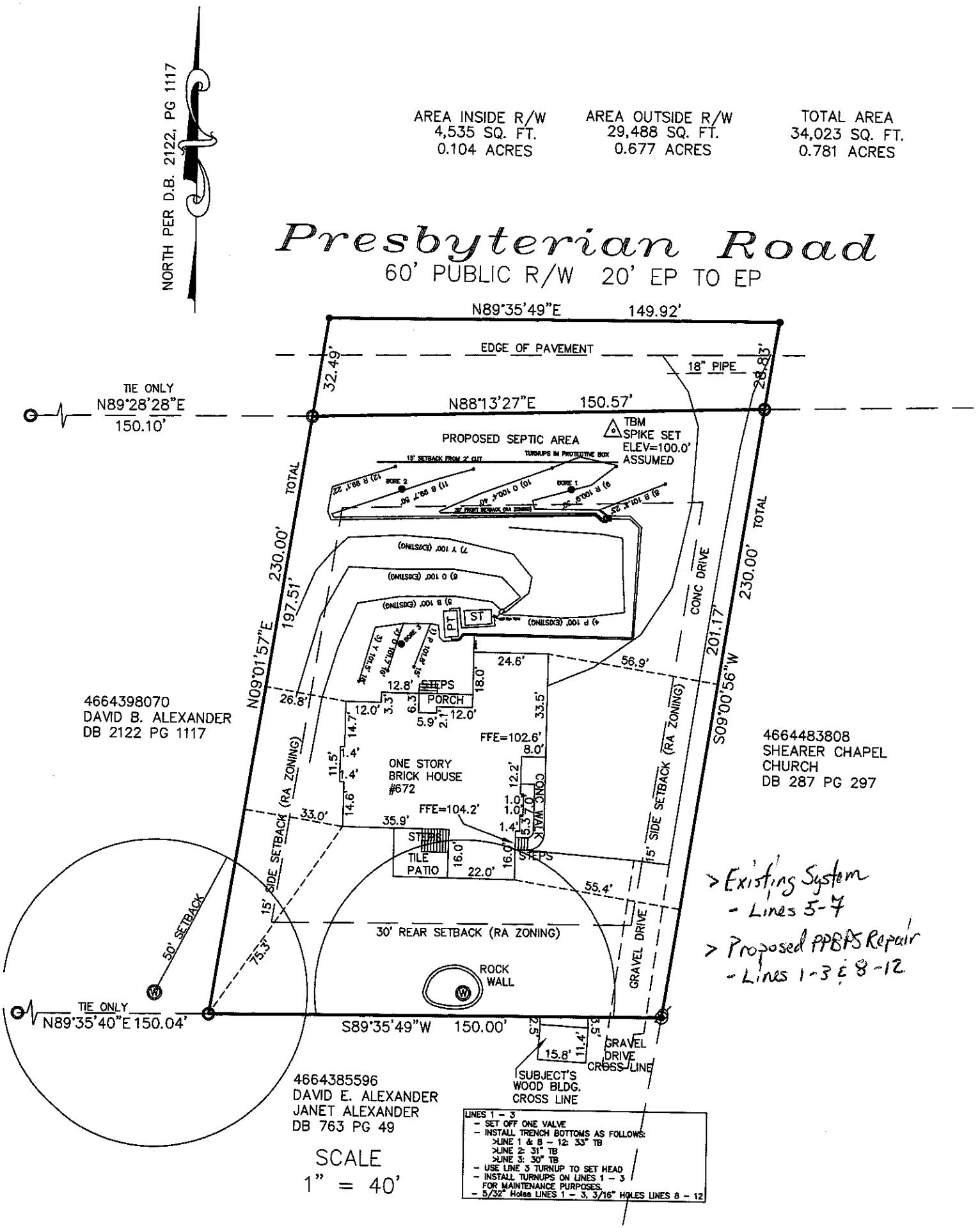

NORTH PER D.B. 2122, PG 1117
AREA INSIDE R/W
4,535 SQ. FT.
0.104 ACRES
AREA OUTSIDE R/W
29,488 SQ. FT.
0.677 ACRES
TOTAL AREA
34,023 SQ. FT.
0.781 ACRES
Presbyterian Road
60' PUBLIC R/W 20' EP TO EP
N89°35'49"E 149.92'
EDGE OF PAVEMENT
18" PIPE
32.49'
28.83'
TIE ONLY
N89°28'28"E
150.10'
N88°13'27"E 150.57'
TBM
SPIKE SET
ELEV=100.0'
ASSUMED
PROPOSED SEPTIC AREA
TURNUPS IN PROTECTIVE BOX
15' SETBACK FROM 2' CUT
BORE 2
BORE 1
BORE 3
PT
ST
TOTAL
230.00'
197.51'
N09°01'57"E
CONC DRIVE
201.17'
230.00'
TOTAL
S09°00'56"W
24.6'
56.9'
12.8'
STEPS
18.0'
PORCH
26.8'
12.0'
3.3'
6.3'
5.9'
2.1'
12.0'
33.5'
FFE=102.6'
8.0'
14.7'
11.5'
1.4'
1.4'
14.6'
ONE STORY
BRICK HOUSE
#672
12.2'
CONC WALK
1.0'
1.0'
5.3'
7.0'
1.4'
FFE=104.2'
35.9'
33.0'
15' SIDE SETBACK (RA ZONING)
STEPS
TILE
PATIO
16.0'
22.0'
16.0'
STEPS
15' SIDE SETBACK (RA ZONING)
55.4'
50' SETBACK
75.3'
30' REAR SETBACK (RA ZONING)
GRAVEL DRIVE
ROCK
WALL
TIE ONLY
N89°35'40"E 150.04'
S89°35'49"W 150.00'
2.5'
15.8'
11.4'
2.5'
GRAVEL
DRIVE
CROSS LINE
SUBJECT'S
WOOD BLDG.
CROSS LINE
4664398070
DAVID B. ALEXANDER
DB 2122 PG 1117
4664483808
SHEARER CHAPEL
CHURCH
DB 287 PG 297
4664385596
DAVID E. ALEXANDER
JANET ALEXANDER
DB 763 PG 49
SCALE
1" = 40'
LINES 1 - 3
- SET OFF ONE VALVE
- INSTALL TRENCH BOTTOMS AS FOLLOWS:
>LINE 1 & 8 - 12: 33" TB
>LINE 2: 31" TB
>LINE 3: 30" TB
- USE LINE 3 TURNUP TO SET HEAD
- INSTALL TURNUPS ON LINES 1 - 3 FOR MAINTENANCE PURPOSES.
- 5/32" Holes LINES 1 - 3, 3/16" HOLES LINES 8 - 12
> Existing System
- Lines 5-7
> Proposed PPBPS Repair
- Lines 1-3 & 8-12

Gmail by Google

Ashley Rollans< ashleyrollans@gmail.com>

Presbyterian Road T&J Panel Repair Site Plan

2 messages

Ashley Rollans< ashleyrollans@gmail.com> Fri, Jan 10, 2014 at 1:32 PM
To: timj_tjpanel@yahoo.com

Tim,

I have added distribution to the site plan for the septic repair I emailed you previously. I was able to run distribution without impacting the existing drainfield. Using your suggestion I combined Lines 1 - 3 and recommended the Trench Bottom (see Legend at Bottom) for these laterals be set so turnups are at the same elevation. This way we can use the same hole size. I can provide additional design information for you if necessary.

Please let me know your thoughts and comments.

Thank you

Ashley

PresbyterianRoad_T&JRepairSitePlan.pdf
53K

Tim Johnson < timj_tjpanel@yahoo.com> Mon, Jan 13, 2014 at 2:54 PM
To: Ashley Rollans <ashleyrollans@gmail.com>

The drawing looks good to me you may want to add a note that the 5/32 inch or 3/16 inch hole size in LP P panel works best.
Given the nature of the length of pressure line going to the three short lines and that the lines are close to the home I possibly would does them at a reduced rate.
This could be achieved by putting these three short lines that are hooked together at a 2 foot head of elevation with a 5/32 inch hole.
All the other lines would then be put at a 2 foot head of elevation with a 3/16 inch hole. This would better balance the distribution and keep possible problems away from the home
Tim Johnson

Sent from my iPhone
[Quoted text hidden]
> <PresbyterianRoad_T&JRepairSitePlan.pdf>

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #4664 49 0031
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Worm Shinn / Alexander Applicant: Paul Volk (Buyer) APPLICATION DATE 1/15/14
ADDRESS: 672 Presbyterian Road Mooresville NC 28115 DATE EVALUATED: 12/28/13
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: ±.677ac
LOCATION OF SITE: S. on Shearer Rd, N of Presbyterian Rd. Prop. on Lt. PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L/5%	0-4	Bcl wsbk	FrSSSPSEXP	-fsap	48	-	-	PS 0.3
		4-12	RBc wmsbk	FrSSPSEXP					
		12-40	Rc wmsbk	FrSSSPSEXP					
		40-48	Rcl wfsbk	" " " "					
2	L/7%	0-6	BRc wmsbk	FrSSPSEXP	-fsap	48	-	-	PS 0.3
		6-30	Rc wmsbk	" " " "					
		30-48	Rc wfsbk	FrSSSPSEXP					
3	L/3%	0-2	Fill		-fsap	43	-	-	PS 0.3 ~30" TB
		2-12	RBc wmsbk	FSSPSEXP					
		12-30	Rc wmsbk	FrSSPSEXP					
		30-48	Rc wfsbk	FrSSSPSEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	CONV	PPBPS
Site LTAR	.25-.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Ashley Rollans, LSS
OTHER(S) PRESENT:

COMMENTS: Soil information for existing system from Operations Permit Dated 5/14/93