DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ____ of ____
PROPERTY ID #: ____
COUNTY: ____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Tim Holthouser
ADDRESS: 587 Jane Sowers Rd. Statesville
PROPOSED FACILITY: 3 BR House
LOCATION OF SITE: 2781 Kimmon Rd
APPLICATION DATE 12-22-16
DATE EVALUATED: 1-30-17
PROPOSED DESIGN FLOW (.1949): 360 GPD
PROPERTY SIZE: 35.15 acres
PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other Shared Well - will connect to Public if water yield is low
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Near Upper Primary	0-9	SCL V.W SBK	SI Friable, SS, SP, Seep		47			0.275 PS
		9-47	m. SBK Trace, Clay Saprolite 44-47"	SI. Firm, SS, SP, Seep					
		47-62"	Loamy Saprolite MA	Friable, Moderately Drained					
2	Primary Distal Upper	0-10	SCL V.W. SBK	SI Friable, SS, SP, Seep	—	52	—	—	0.3 PS Deep
		10-36	Clay M/W. SBK	SI. Firm, SS, SP, Seep					
		36-52	Clay Loam W. SBK + some Saprolite	SI. Friable, SS, SP, Seep					
		52-71	Loamy Saprolite MA	Friable, Well Drained					
3	Repair Near Lower	0-8	V.W. SBK S. Clay Loam	SI. Friable, SS, SP, Seep	—	34	—	—	0.275
		8-34	M-S Clay some SBK Sap incl 18-31"	SI. Firm, SP, Seep, SS					
		34-40	Dense Loamy Saprolite (MA)	SI. Friable, Poorly Drained					
		40-65	Loose Loamy Saprolite (MA)	Friable, Moderately Drained					
4	Repair Distal Lower	0-7	SCL V. W. SBK	SI. Friable, SS, SP, Seep	—	40	—	—	0.3 PS Deep
		7-40	Clay M/W. SBK	SI. Firm, SS, SP, Seep					
		40-66	Loamy MA Saprolite	Friable+ Moderately Drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	330+	400 l.f.
System Type(s)	25% Reduction	Conventional 24" TD
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: Grace Herbert

COMMENTS:

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

704878 Marsha 8304

PROPERTY ID #: ____
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Josue & Sara Paz
ADDRESS: 217 Kimmon Rd
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360 gpd 3BR
LOCATION OF SITE: ____

APPLICATION DATE 1/5/17
DATE EVALUATED: 1/26/17
PROPERTY SIZE: ____
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	side slope >5%	0-9"	SBK CL	FrSSSPSEXP	—	—	—	—	PS
		9-38"	SBK C	FiSSSPSEXP	—	gravel incl.	—	—	0.3
		35-48"	SAP	FrSSSPSEXP	—	—		—	
						35"			
2	side slope 7%	0-7"	SBK SCL	FrSSSPSEXP	—	—	—	—	PS
		7-38"	SBK C	FrSSSPSEXP	—	—	—	—	
		38-44"	SBK CL	FrSSSPSEXP	—	—	F→C	—	0.275
		44"-48"	SAP		—	44"		—	
3	LSS 7%	0-7"	SBK SCL	FrSSSPSEXP	—	—	—	—	PS
		7-33"	SBK C	FiSSSPSEXP	—	—		—	
		33-38"	SBK CL	FrSSSPSEXP	—	38"		—	0.275
		33-48"	SAP						
4	LSS >5%	0-9"	ABK SCL	FrSSSPSEXP	—	44" pureed mat inclusions	—	—	PS
		9-24"	SBK C	FiSSSPSEXP	—	—		—	
		24-28"	SBK CL	FrSSSPSEXP	—	—	F→C	—	0.3
		28"-48"	SAP		—	28"		—	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____
EVALUATED BY: ____
OTHER(S) PRESENT: ____

COMMENTS: ____

10:00 am

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: 1/29/19
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: 271 Kinman Rd 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Shoulder LSS	0-9	SCL W.SBK	sl. Friable, SS, Sp, Sap					0.3 RS
		9-33	clay w.SBK	sl. Firm, SS, Sp, Sap					
		33-44	clay Loam + SAP inclusions w.SBK	Friable SS, Sp, Sap					
		44-46	clay Loam w.SBK & Alluvium/ SAP inclusions	Friable, SS, Sp, Sap					
2									
3									
4	Shoulder LSS	0-7	SCL W.SBK	sl. Friable, SS, Sp, Sap		38"			P.T.
		7-30	clay w.SBK	sl. Firm, SS, Sp, Sap					
		30-38	clay Loam + some SAP w.SBK	sl. Friable, SS, Sp, Sap					
		38-46	Loamy Sand MA	Friable + Well Drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

ON-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

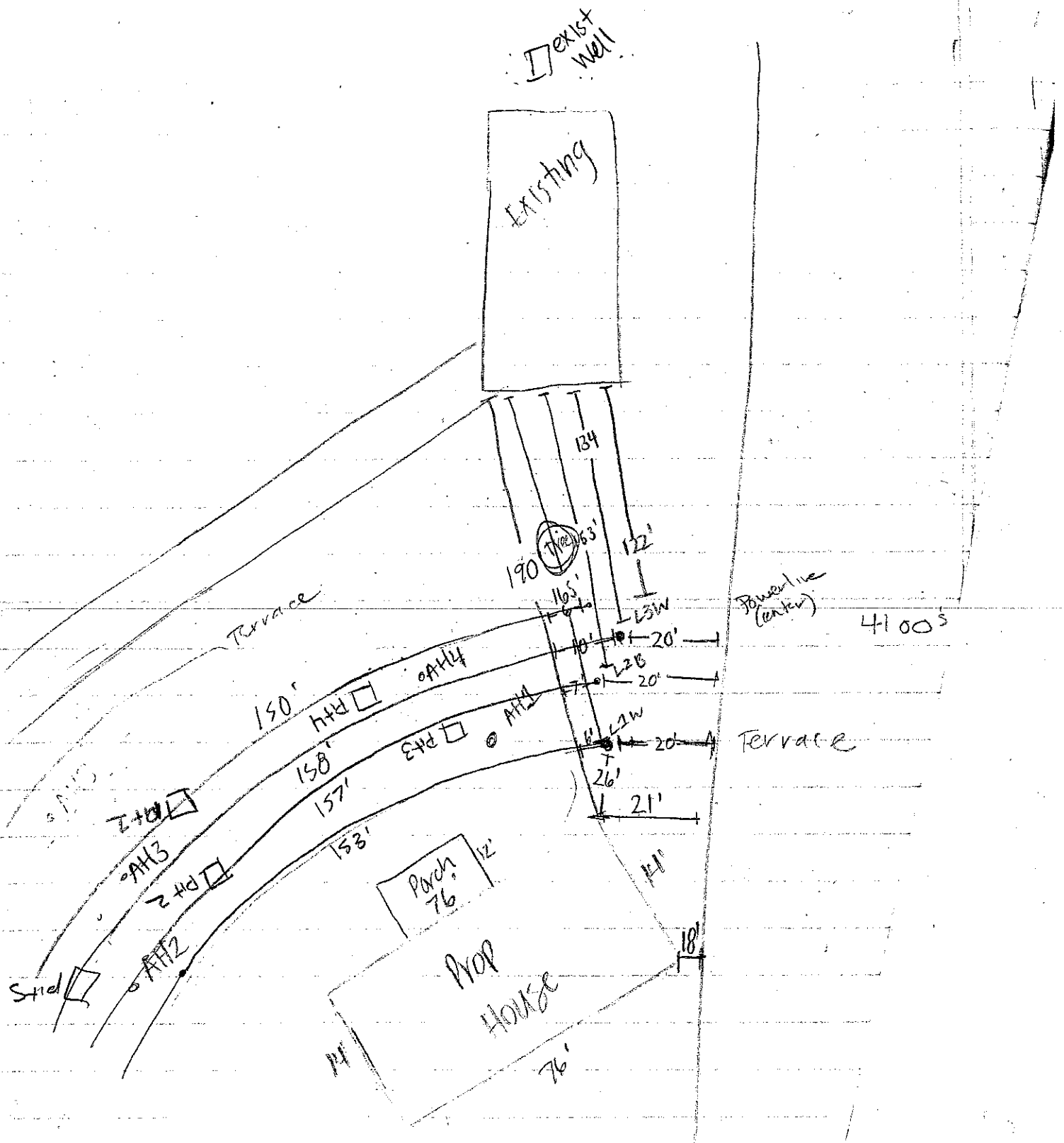
OWNER: _____
ADDRESS: _____ APPLICATION DATE _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ DATE EVALUATED: _____
LOCATION OF SITE: _____ PROPERTY SIZE: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
EVALUATION METHOD: ☐ Auger Boring ☒ 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	REPAIR	0-8	WSBK SCL	FrSSSPSEXP		37"			PS 0.3
		8-38	SBK C	FrSSSPSEXP					
		38-66	SAP L	FrNSNPSEXP					
2		0-11"	WABK SCL	FrSSSPSEXP		47"			PS 0.3
		11-36"	SBK C	FrSSSPSEXP					
		36-47"	SBK CL	FrSSSPSEXP					
		47-71"	L SAP	FrNSNPSEXP					
3		0-11"	WSBK SCL	FrSSSPSEXP		51"			PS 0.275
		11-49"	SBK C	FrSSSPSEXP					
		49-66"	L SAP	FrNSNPSEXP					
4	REPAIR	0-9"	WSBK SCL	FrSSSPSEXP		33"			PS 0.25
		9-33"	SBK C	FrSSSPSEXP					
		33-40"	decrease Mn SAP						
		40-60"	Loose Mn SAP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____
COMMENTS: _____

trench 36" highside


exist well
Existing
184
190
163'
122'
165'
LSW
Powerline (center)
4100's
Terrace
150'
AH4
158'
AH1
157'
AH3
153'
AH2
Stad
Porch 76
12'
Prop House
76'
41'
18'
20'
21'
26'
Terrace