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

Sheet 1 of 2
PROPERTY ID #: 3792331283
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Art Hodges
ADDRESS: 353 Stearns Mill Rd Olin 28660
PROPOSED FACILITY: SFR
LOCATION OF SITE: 131 Arapahoe Trail, Statesville NC 28677
PROPOSED DESIGN FLOW (.1949): 600 gpd
APPLICATION DATE: 2016
DATE EVALUATED: 12/15/15
PROPERTY SIZE: 1.52
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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	L/8%	0-13	BRC vmsbk	F SSP-C.SAP Compacted		28"			PS .35-.4
		13-28	RBCL wksbk	Fr SSP-Few to C.SAP					
		28-60	VARL MASS	Fr SSSP-Few Clay Incls.					
P 2	L/8%	0-16	RBC vmsbk/MASS	F SSP		34"			PS .34-.4
		16-34	RBCL wksbk	Fr SSP-C.SAP Incls					
		34-65	VAR FSL /MASS	Fr SSSP-Few Clay Incls.					
P 3	L/10%	0-21	RBC mmsbk/MASS	F SSP		30"			PS .35
		21-30	RBCL vmsbk	Fr SSSP-Few to C.SAP					
		30-65	VARL/FSL	Fr SSSP-Few C. Incls.					
	L/11%	0-4	BCL vvmsbk	F SSSP-Compacted		45"			PS .3-.35
		4-21	RBC mmsbk/MASS	F SSBPSESP — C.SAP Incls.					
		21-45	RBCL vmsbk/MASS	Fr SSSP					
		45-67	VAR. FSL	Fr SSSP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ailable Space (.1945)	PS	PS
tem Type(s)	PPBPS	PPBPS
LTAR	0.35	0.35

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): B
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT: Chad Wagner

APPROVED JUN X 9 2016

MENTS:

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 3793317752
DATE OF EVALUATION: 12/15/5
COUNTY: Iredell

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P5	L/9%	0-3	BCL vfsbk			21"			P5 .35-.4
		3-12	RBC vfsbk/sbk	FSSSP					
		12-21	RVCL vfsbk/mbk	FrSSSP-FevtoC.SAP					
		21-33	VARL MASS	FrSSSP					
		33-65	VARSL MASS	FrSSSP					

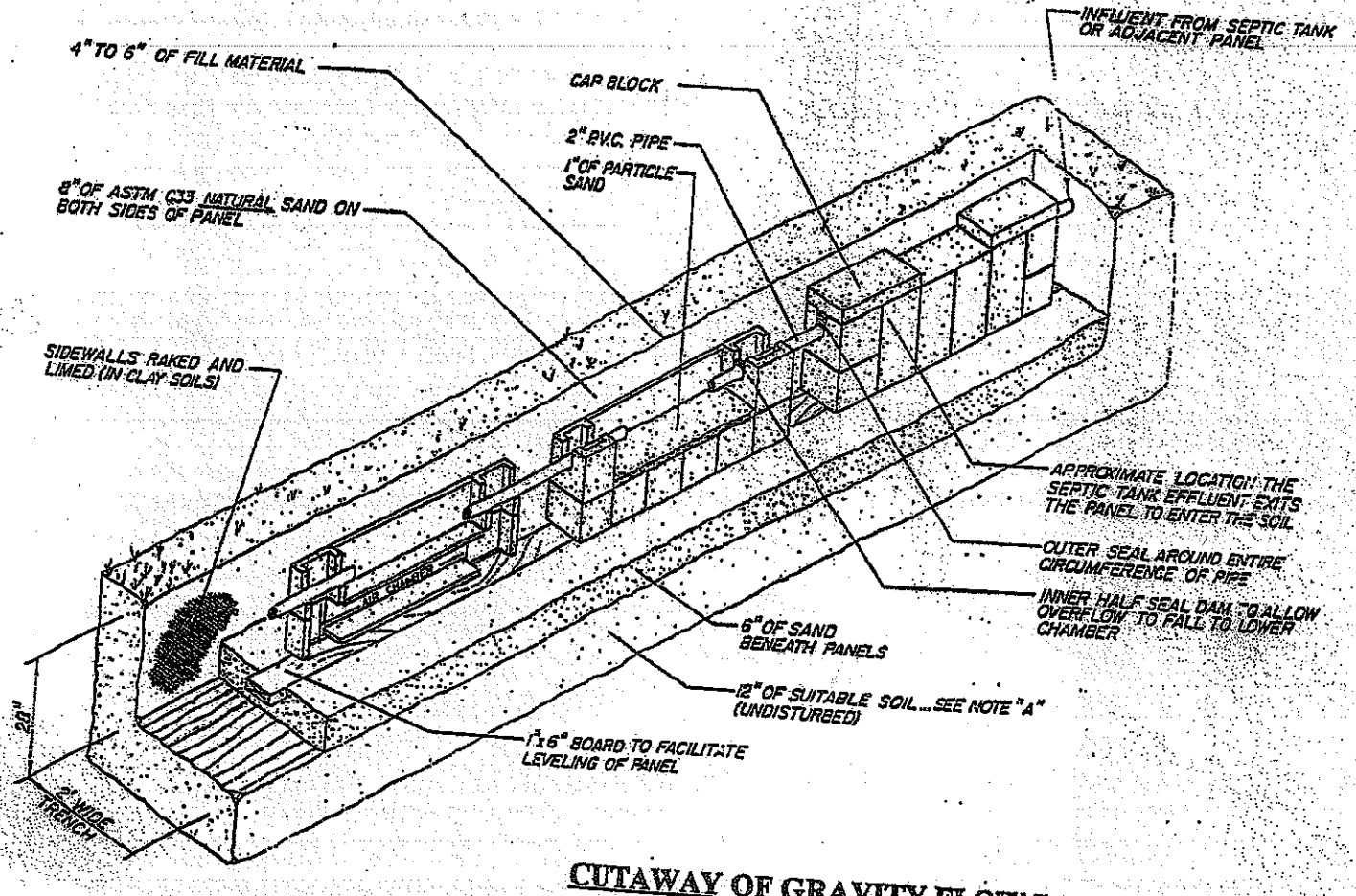
COMMENTS:

The T & J Panel
Wastewater Treatment System

Patent # 4013559

269 Marble Road
Statesville, N.C. 28625
704-924-8600

ISOMETRIC DRAWING OF A SEGMENT OF 16" T & J PANEL SYSTEM DRAINFIELD



CUTAWAY OF GRAVITY FLOW PANEL