PALOS VERDES LOT #10

Number of Bedrooms/Proposed Daily Flow: **(4) / 480gpd**
Proposed LTAR: **0.30gpd/ft2**
Water Source: **Private Well**
Building Envelope: **70' X 60'**
Building Setbacks: **35' (front & rear), 15' (left side), 20' (corner side)**
Proposed System Type: **Gravity PPBPS**
# of Panels: **62**
Distribution Network: **Septic Tank--------Flow Divider---------Distribution Boxes (2)**

LINE	LENGTH	ELEVATION
B1	***95'***	***3.5'***
R2	***130'***	***3.6'***
B3	***180'***	***4.2'***
R4	142'	4.5'
B5	55'	4.4'
House Corner (Front Left)		2.8'
Septic Tank		3.2'
Bench Mark (top of ground @stake)		1.9'

Initial System*: *B1 through B3 = 6 X 45 = 270'

Repair System: B3 through B5 = 287', LP PANEL

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

Sheet _1_ *of* _1_
PROPERTY ID #: _____
COUNTY: _Iredell_

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ Marty Maltby _____
ADDRESS: ____Palos Verde Subdivision Lot #10 _____ APPLICATION DATE ___2005_
PROPOSED FACILITY: _ 4 bedroom house_ PROPOSED DESIGN FLOW (.1949): __480gpd____ DATE EVALUATED: __20(
LOCATION OF SITE: ___HWY 150W, Rt on Bluefield, Lt on Big Indian, Palos Verde Subd. On Rt.___ PROPERTY SIZE: _____0.611ac_____
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)		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	
39	L 6 - 10	0-25	ABK/C	F/S/P/SEXP	N/A	48"	N/A	N/A	PS 0.3gpd/ft2
		25-48	ABK/CL W/SAP	FR/SS/SP/SEXP					
		32-50	SBK/CL+sap	FR/SS/SP/SEXP					
40	L 6 - 10	0-27	MABK/C	FR/SS/P/SEXP	N/A Yellow relict	47"	N/A	N/A	PS 0.3gpd/ft2
		27-47	FWSBK/CL+ sap	FR/SS/SP/SEXP					
		26-50	WSBK/SC	FR/SS/SP/SEXP					
A		0-8	Mabk c	FR					-3
		8-41	Wabk c	FR SSP w/sap					
		41-56	Wsbk sicl	FR SSP sap					
		56-60	mamb scl sap	FR SS SP sap					
B		0-10	Cambisol c	FR					-3
		10-62	Wabk cl	FR SS SP sap + sap					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	540 SF	574 SF
System Type(s)	PPBPS	PPBPS
Site LTAR	0.30gpd/ft2	0.30gpd/ft2

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____
EVALUATED BY: __MikeAthanas, LSS & Ashley Rollans, LSS_____
OTHER(S) PRESENT: _____