Department of Environment, Health and Natural Res	S
Division of Environmental Health	
On-Site Wastewater Section	

Sheet: Property ID: Lot #: File #: Code:

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Applicant:

Owner:

25° /4 X60

System Type(s) Site LTAR

Location Water Evalua	sed Facility: on of Site: Supply: tion Method f Wastewate	Auge	Date Desig Prope	Evaluated: In Flow (.1949): 30 Introduction of the content of the	Well ☐ Spring	g Othe	er		
P R O F	.1940		SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				
L E #	Landscape Position/ Slope %	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
١	8-10/0	0-18"	G LS						
		18-30	2BK SCI	FR 53/5P					85. h
		30,	8						
				8.0					
3		0.72	G 5	4FR 45/N9					
4		30° 30	58X 56L	VFR NS/NS	×	-			85.29
		3036	BK SCL	Fi					*
					,				
					14				
15.									
				5				e e	2
Descri	ption			epair System	Other Factors (.1946): Site Classification (.1948) Evaluated By	n: 85		· ·	
Availab	ole Space (.194	15)	ystem		Evaluated By	100			

Others Present: H 0

COMMENTS: \_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	. <u>1955 LTAR</u>	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	Ī	S-SAND LS-LOAMY SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTY STICKY
FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE	П	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC
CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	Ш	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC

SIC-SILTY CLAY 0.4 - 0.1 IV

C-CLAY

SC-SANDY CLAY

**MINERALOGY** 

STRUCTURE SLIGHTLY EXPANSIVE SG-SINGLE GRAIN

M- MASSIVE CR-CRUMB

**EXPANSIVE** 

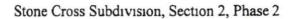
GR-GRANULAR SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

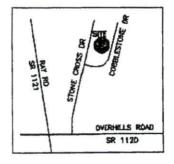
PL-PLATY

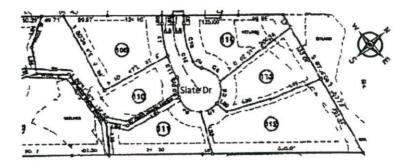
PR-PRISMATIC Show profile locations and other site features (dimensions, references or benchmark, and North)

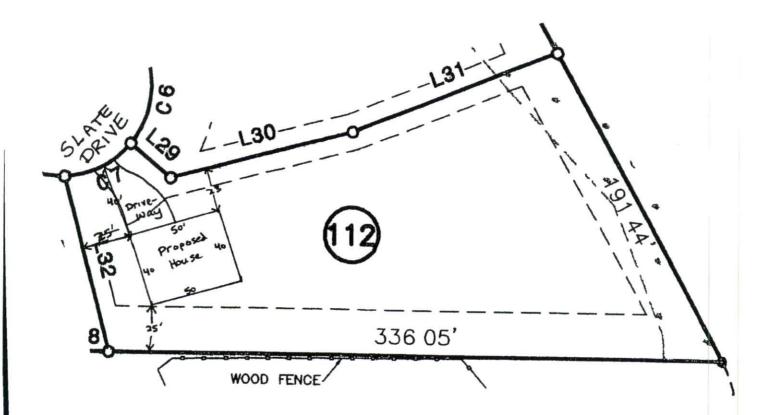
# Site Plan



Lot# 112







Scale
1 inch = 50 feet

DISTRICT A ZOK USE STORE BUT TO COMP Administ

### SEPTIC SYSTEM LAYOUT DESIGN

Subdivision Stone Cross	Lot # 112
# Bedrooms 3	Daily Flow 360 gallons
House Footprint 40ft x 50ft	Setbacks 35ft Front, 25ft Rear

## **Proposed System**

## Initial System

Low Pressure Pipe System 400 linear feet (X1 5ft wide), LTAR 0 18 gal/day/sqft Install on-contour at 12 inches below surface

#### Repair System

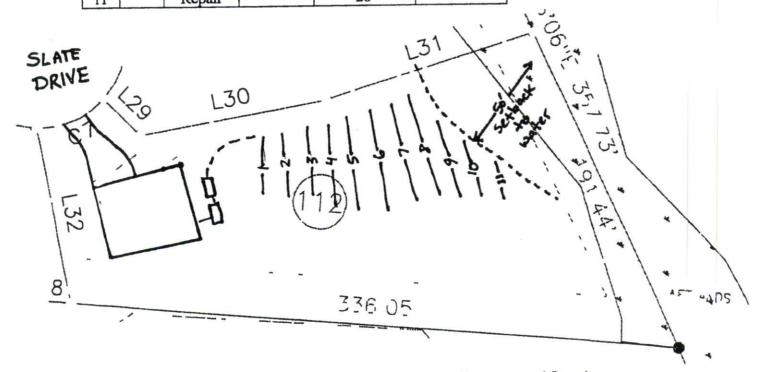
Low Pressure Pipe System 480 linear feet (X1 5ft wide), LTAR 0 15 gal/day/sqft Install on-contour at 12 inches below surface

Lines flagged at site on 10 ft centers

Line #	Line	Initial or Repair	Drainline Length(ft)	Measured Field Line Length(ft)	Relative Elevation(ft)
1	R	Initial		30	100 00
2	В	Initial		36	98 99
3	Y	Initial		38	97 61
4	W	Initial		43	96 42
5	R	Initial		50	95 29
6	В	Repair		50	94 04
7	Y	Repair		56	92 4
8	W	Repair		56	91 43
9	R	Repair		42	
10	В	Repair		32	
11		Repair		28	

Scale 1" = 50'

2



Soil Science Investigations \* Wetland Delineations, Permitting and Consulting