

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

Owner: 06500 15542

Applicant:

Address:

Date Evaluated: 11-8-06

Proposed Facility: SFO

Design Flow (.1949): 7.2

Property Size: .50

Location of Site: 1116

Property Recorded: wk

Water Supply:  Public  Individual  Well

Spring  Other

Evaluation Method:  Auger Boring  Pit

Cut

Type of Wastewater:  Sewage  Industrial Process

Mixed

P R O F I L E #	.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 (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
		0.70	GR SL	VFA 1					4
		7.40	SH SL	Fa 1					
		40.42	SH SL	F2 1					5
		0.18	GR SL	VFA 1					
		18.36	SH SL	Fa 1					5
		26.42	SL	VFA 1	stagnant sand	3x			
		0.30	GR SL	VFA 1					5
		70.48	SH SL	Fa 1					
		0.24	GR SL	VFA 1					5
		24.48	SH SL	Fa 1					
		0.30	GR SL	VFA 1					5
		70.48	SH SL	Fa 1					

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25%	40%
Site LTAR	4	2

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): P1  
 Evaluated By: gw  
 Others Present:

3x75 x 25%

COMMENTS:

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LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3	FI-FIRM	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE		SICL-SILTY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
		C-CLAY			
		SC-SANDY CLAY			

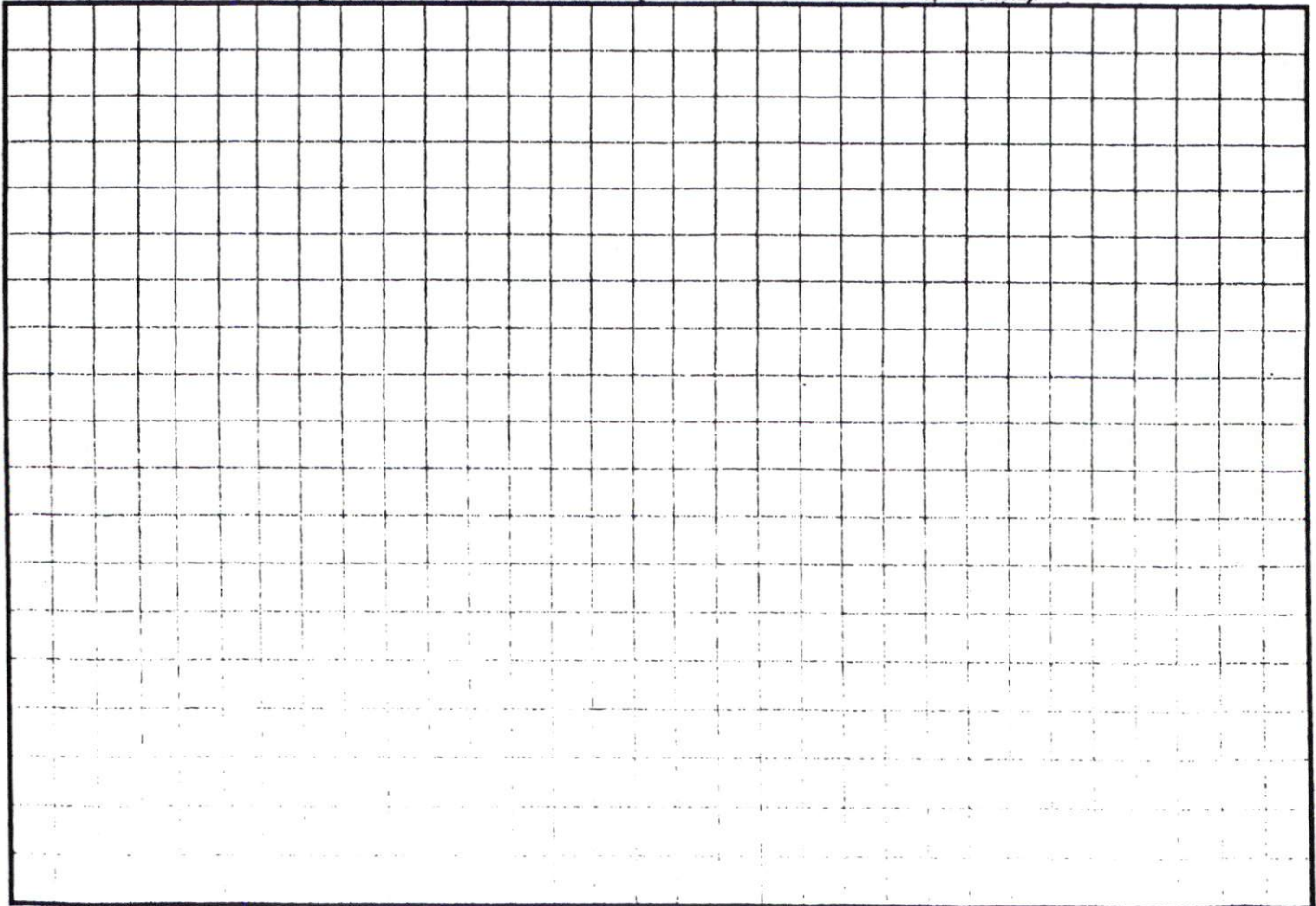
STRUCTURE

- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

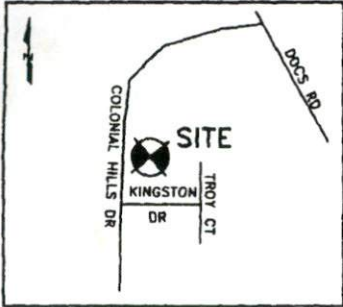
MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, reference or benchmark, and North).





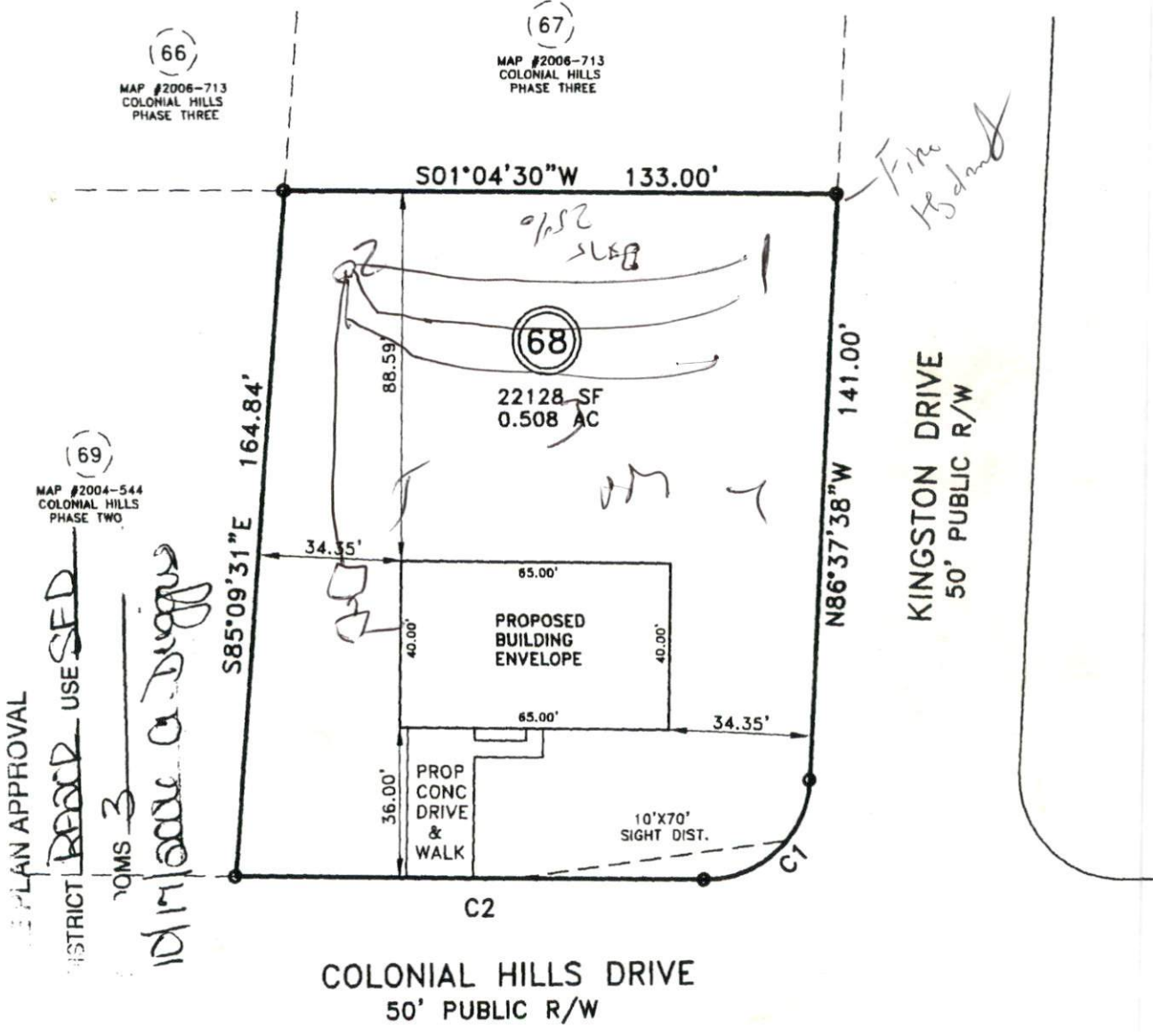


Vicinity Map  
(Not to Scale)

CURVE TABLE				
CURVE	RADIUS	LENGTH	CH. BEARING	CHORD
C1	25.00'	38.46'	N42°33'06"W	34.78'
C2	13203.65	113.00'	N01°16'44"E	113.00'



**LEGEND**  
 R/W-RIGHT OF WAY  
 PB-PLAT BOOK  
 DB-DEED BOOK  
 PG-PAGE  
 PROP-PROPOSED  
 SF-SQUARE FEET  
 AC-ACRE(S)  
 CONC-CONCRETE  
 PC-PLAT CABINET



PLAN APPROVAL  
 DISTRICT BOARD USE SED  
 COMS 3  
 10/17/06 C. Duggan

**PRELIMINARY  
 PLOT PLAN**

(FOR PERC TEST ONLY)

PROPERTY OF: RBC HOMES, INC.  
 ADDRESS: 545 COLONIAL HILLS DR



TOWNSHIP: BARBECUE  
 DATE: AUGUST 17, 2006