

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

Owner: 06-500 119 44

Applicant:

Address:

Date Evaluated: 11-8-06

Proposed Facility: SFD

Design Flow (.1949): 360

Property Size: 160 ac

Location of Site: 1116

Property Recorded: unk

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	
S. 89-		0-24	GRJL	VRJ					M Y Y Y
		24-32	SDHJL	FR					
		32-116	SGHJL	FZ					
		0-18	GRJL	VRJ					
		18-24	SDHJL	FR					
		24-78	SGHJL	FZ					
		0-18	GRJL	VRJ					
		18-36	SDHJL	FR					
		36+	SDHSL	FZ					
		0-24	GRJL	VRJ					
		24-30	SDHJL	FR					
		30-38	SGHSL	FZ					

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

Other Factors (.1946): _____
 Site Classification (.1948): P1
 Evaluated By: [Signature]
 Others Present:

3275 1127 3605

COMMENTS: _____

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

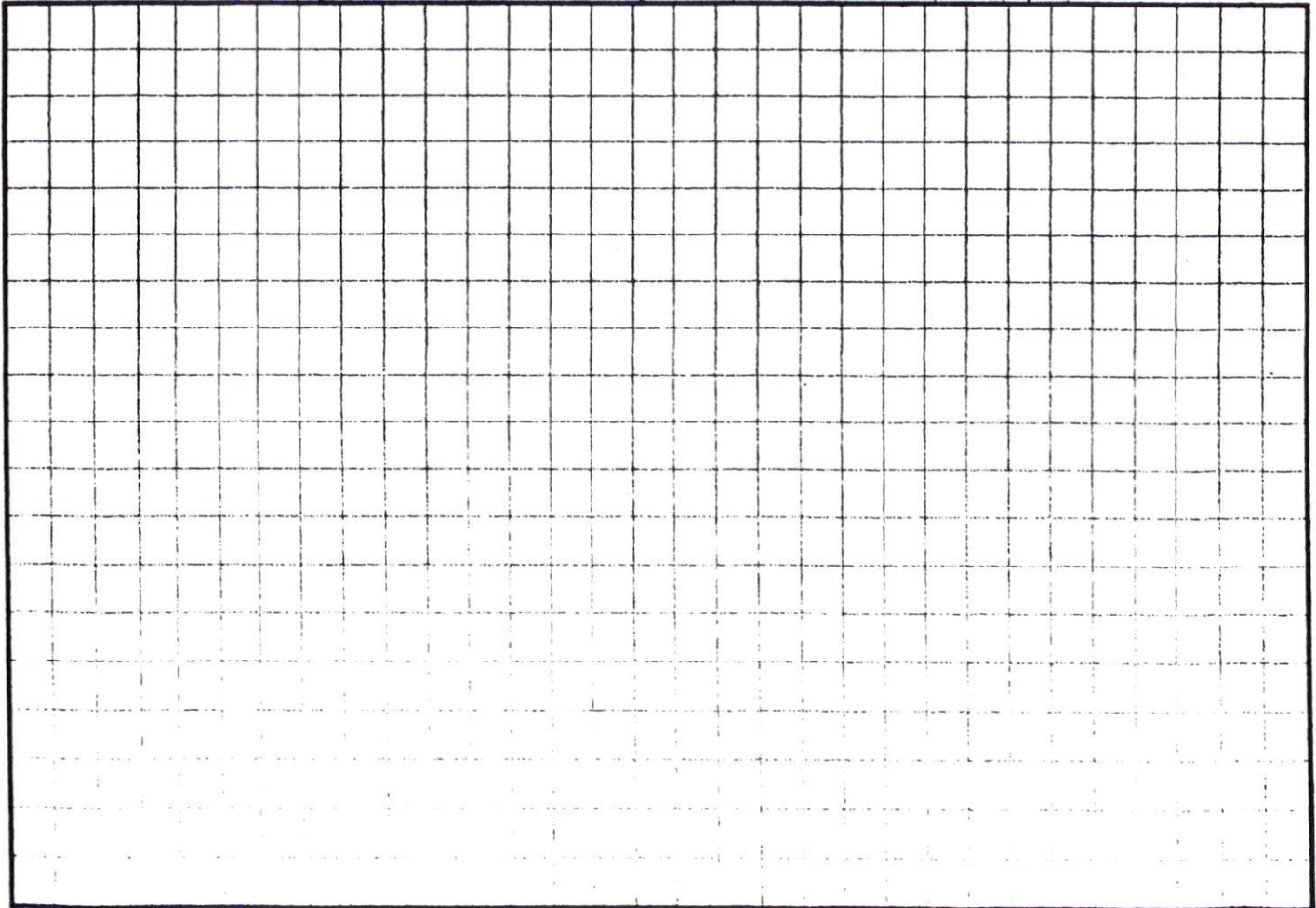
STRUCTURE

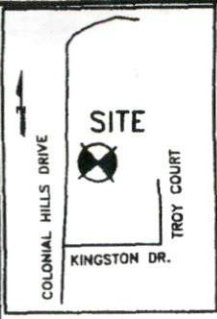
- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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





CURVE	RADIUS	LENGTH	CH. BEARING	CHORD
C1	7465.07	156.95'	N01°35'43"E	156.95'



MAP# 2004-544
SHEET 2 OF 2

Vicinity Map
(Not to Scale)

ADK PARTNERS
DB 1893 PG 856
PIN#0508-14-8386

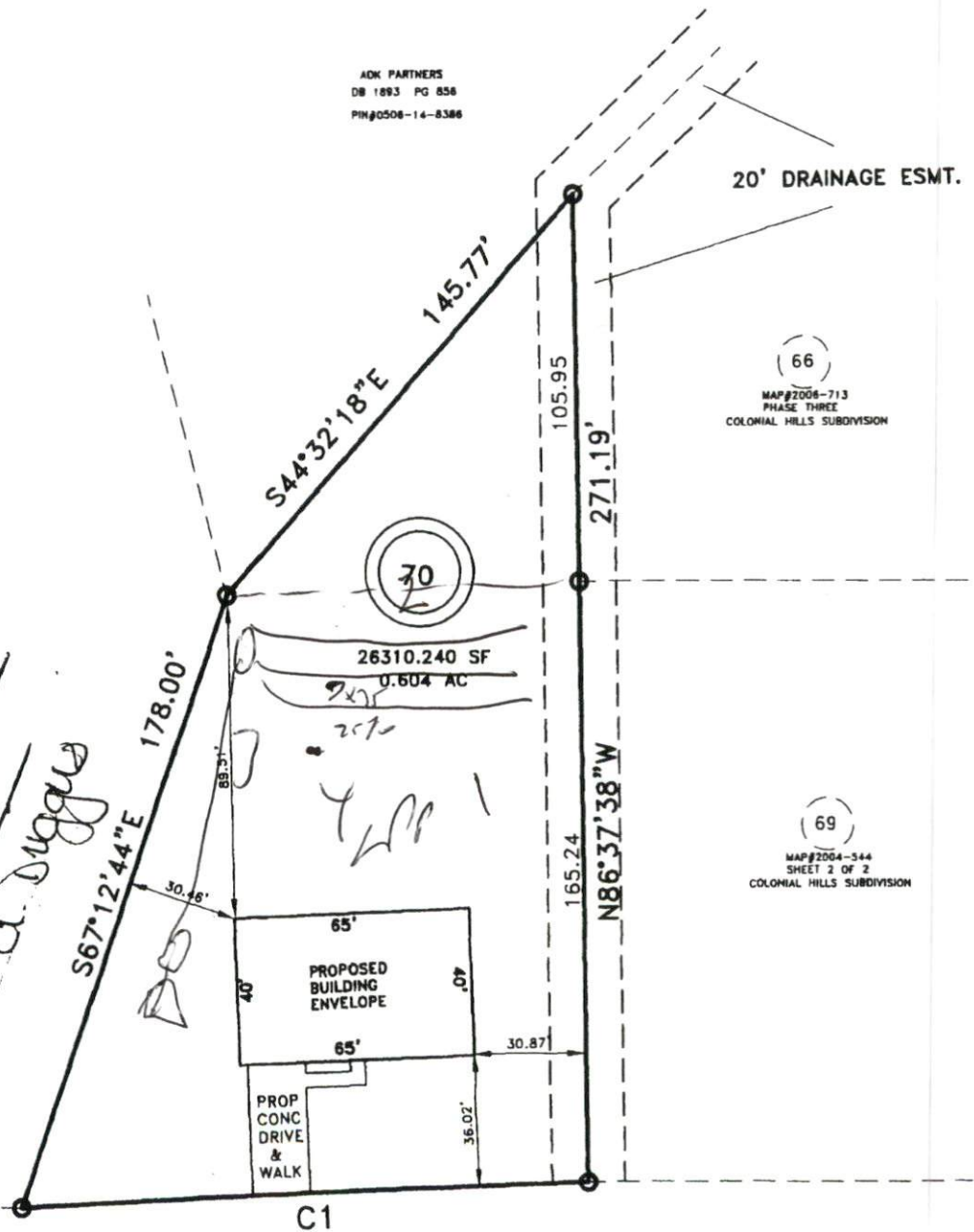
20' DRAINAGE ESMT.

*EXPLAIN APPROVAL
DISTRICT BOARD USE SED
10/17/06 a. Duggan*

(24)
MAP#2004-544
SHEET 2 OF 2
COLONIAL HILLS SUBDIVISION

(66)
MAP#2008-713
PHASE THREE
COLONIAL HILLS SUBDIVISION

(69)
MAP#2004-544
SHEET 2 OF 2
COLONIAL HILLS SUBDIVISION



PRELIMINARY
PLOT PLAN



PROPERTY OF: RBC HOMES, INC.
ADDRESS: 489 COLONIAL HILLS DRIVE

TOWNSHIP: BARBECUE
DATE: AUGUST 17, 2006