

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

Owner: 06-500 15943

Applicant:

Address:

Date Evaluated: 11-8-06

Proposed Facility: SFD

Design Flow (.1949): 360

Property Size: .54 ac

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	
5 50%		0-20	Gr SL	Vh Fr					5
		2-42	Sh SL	Fr SE					
		10-24	Gr SL	Vh Fr					5
		24-38	Sh SL	Fr Fr					
		38-48	Gr SL	Vh Fr					5
		0-24	Gr SL	Vh Fr					
		24-48	Sh SL	Fr SE					
		0-18	Gr SL	Vh Fr					4
		18-30	Sh SL	Fr Fr					
		30-42	Sh SL	Fr SE					

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

Other Factors (.1946): _____
 Site Classification (.1948): P
 Evaluated By: QW
 Others Present:

375 at 10 360

COMMENTS:

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		FI-FIRM	S-STICKY
N-NOSE SLOPE				VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 - 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			
T-TERRACE		CL-CLAY LOAM			
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

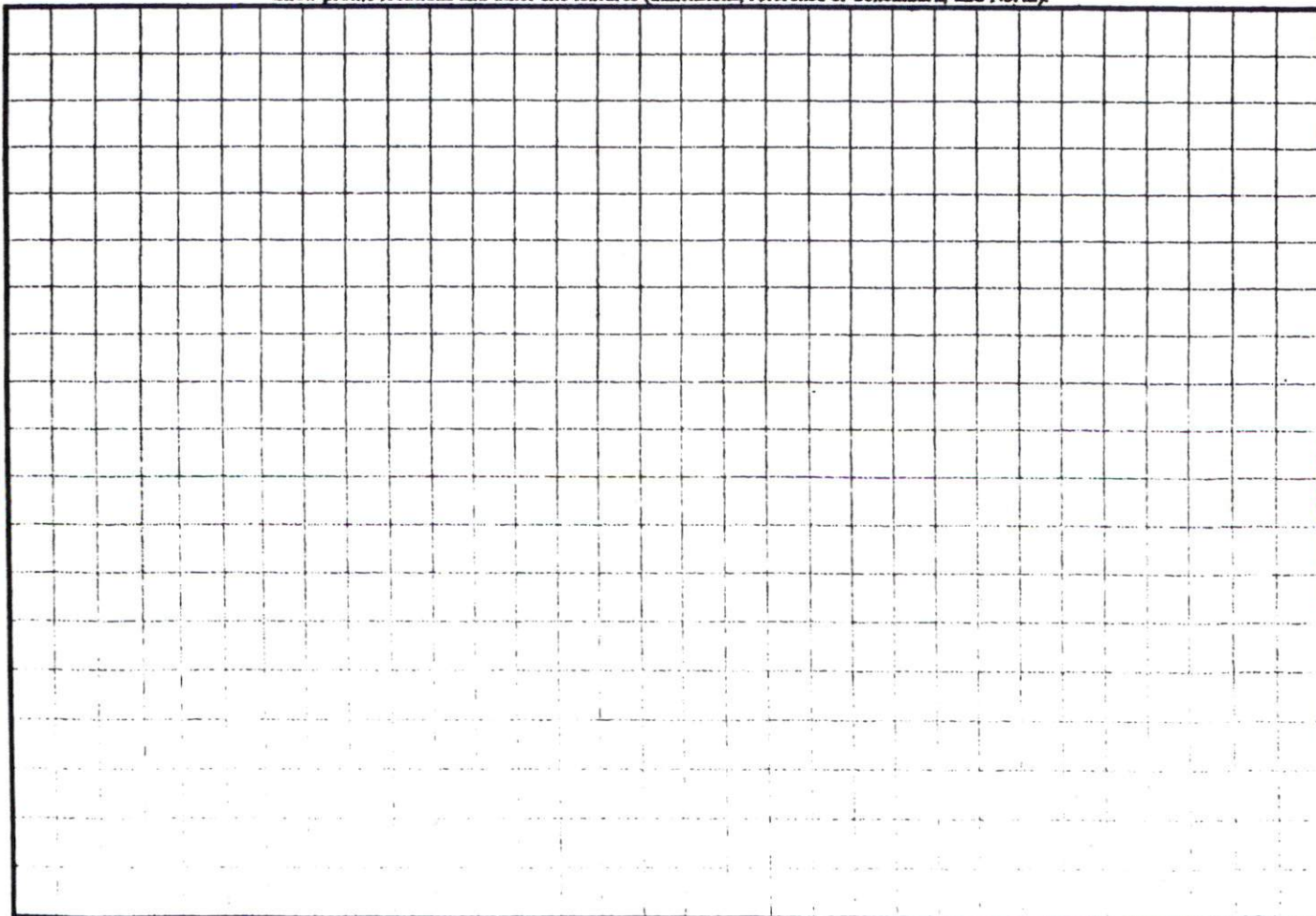
STRUCTURE

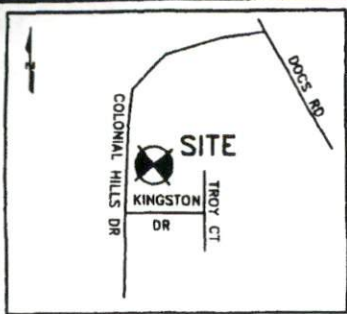
- SG-SINGLE GRAIN
- M-MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

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





Vicinity Map
(Not to Scale)

CURVE TABLE				
CURVE	RADIUS	LENGTH	CH. BEARING	CHORD
C1	13203.65	94.00'	N00°49'48"E	94.00'
C2	7465.07'	47.80'	N00°48'35"E	47.80'

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

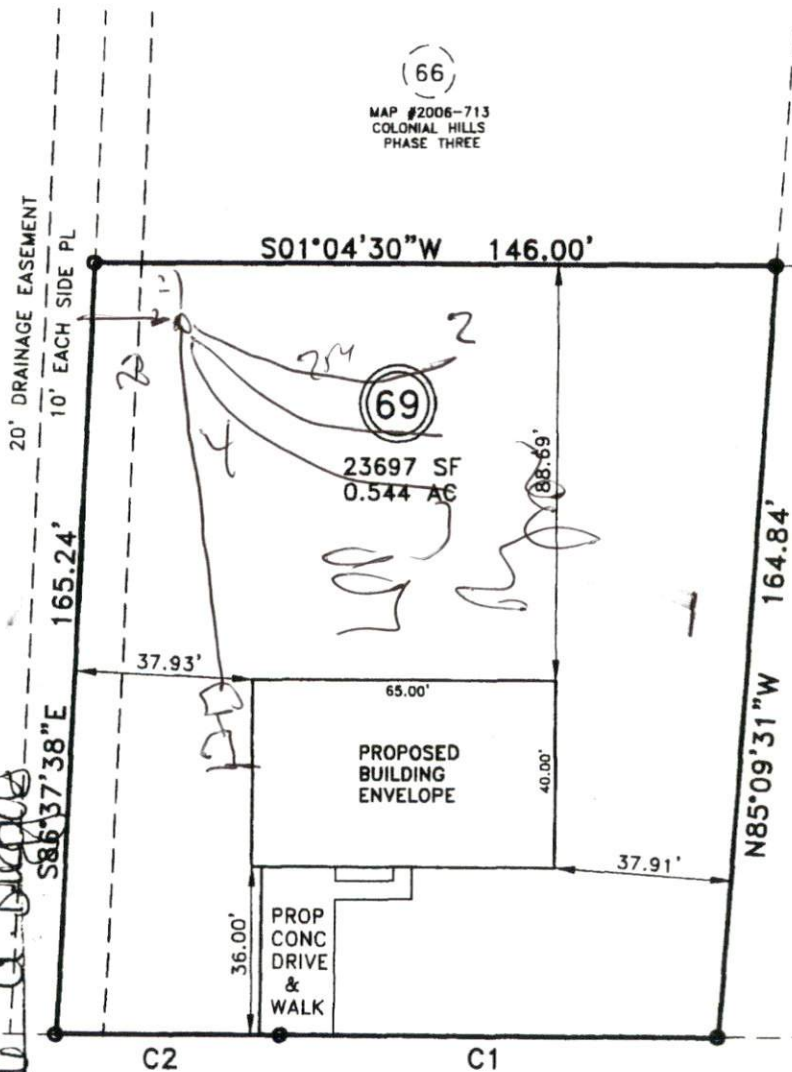


MAP#
2004-544

(70)
MAP #2004-544
COLONIAL HILLS
PHASE TWO

(66)
MAP #2006-713
COLONIAL HILLS
PHASE THREE

(68)
MAP #2004-544
COLONIAL HILLS
PHASE TWO



PLAN APPROVAL
DISTRICT REBOR USE SFD
OMS 3
10/14/06 - A. Dugan

COLONIAL HILLS DRIVE
50' PUBLIC R/W

**PRELIMINARY
PLOT PLAN**

(FOR PERC TEST ONLY)



PROPERTY OF: RBC HOMES, INC.
ADDRESS: 519 COLONIAL HILLS DR

TOWNSHIP: BARBECUE

DATE: AUGUST 17, 2006