

SOIL/SITE EVALUATION

for ON-SITE WASTEWATER SYSTEM

Owner: *Alejandro Alvarez* Applicant: *Alejandro Alvarez*
 Address: *Prospect Church* Date Evaluated: *03/09/17*
 Proposed Facility: *3BR SFD* Design Flow (.1949): *360² L/s* Property Size: *1.59 AC.*
 Location of Site: *Prospect Church* Property Recorded: *Yes*
 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	
1	L <1%	0-12	GR SL	Fr. SSS Sep					PS
		12-30	BL SCL	Fi S P Sep		30+			0.4
2	L <1%	0-16	GR SL	Fr. SSS Sep					PS
		16-32	BL SCL	Fi S P Sep		32+			0.4
3	L <1%	0-16	GR SL	Fr. SSS Sep					PS
		16-32	BL SCL	Fi S P Sep		32+			0.4
4	L <1%	0-12	GR SL	Fr. SSS Sep					PS
		12-32	BL SCL	Fi S P Sep		32+			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>Provisionally Suitable</i>
System Type(s)	<i>25% Red</i>	<i>25% Red</i>	Evaluated By: <i>Andrew Curran, DEHS</i>
Site LTAR	<i>0.4</i>	<i>0.4</i>	Others Present:

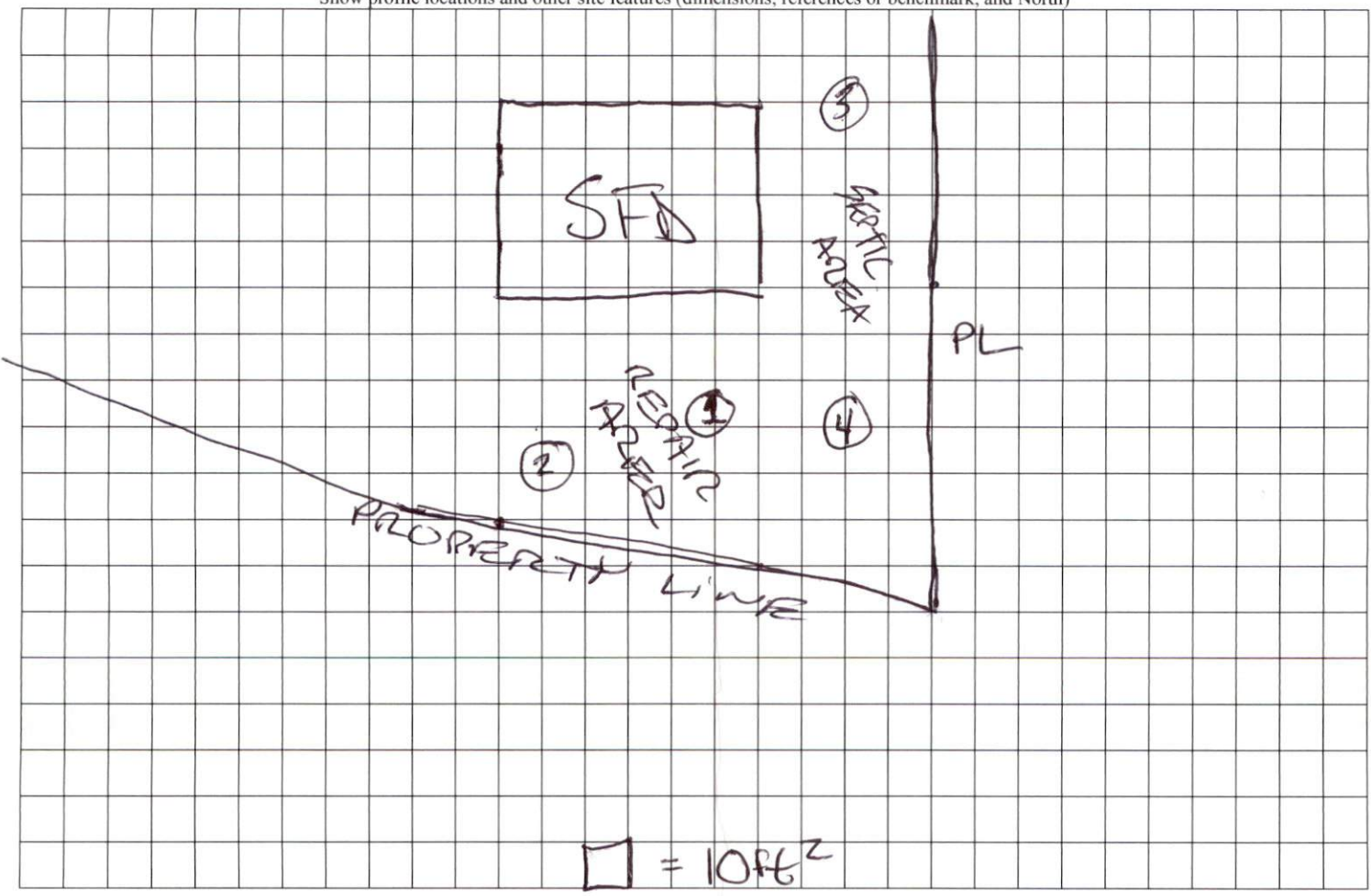
COMMENTS: _____

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		FR-FRIABLE	SS-SLIGHTY 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	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CC-CONCLAVE SLOPE		CL-CLAY LOAM		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		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

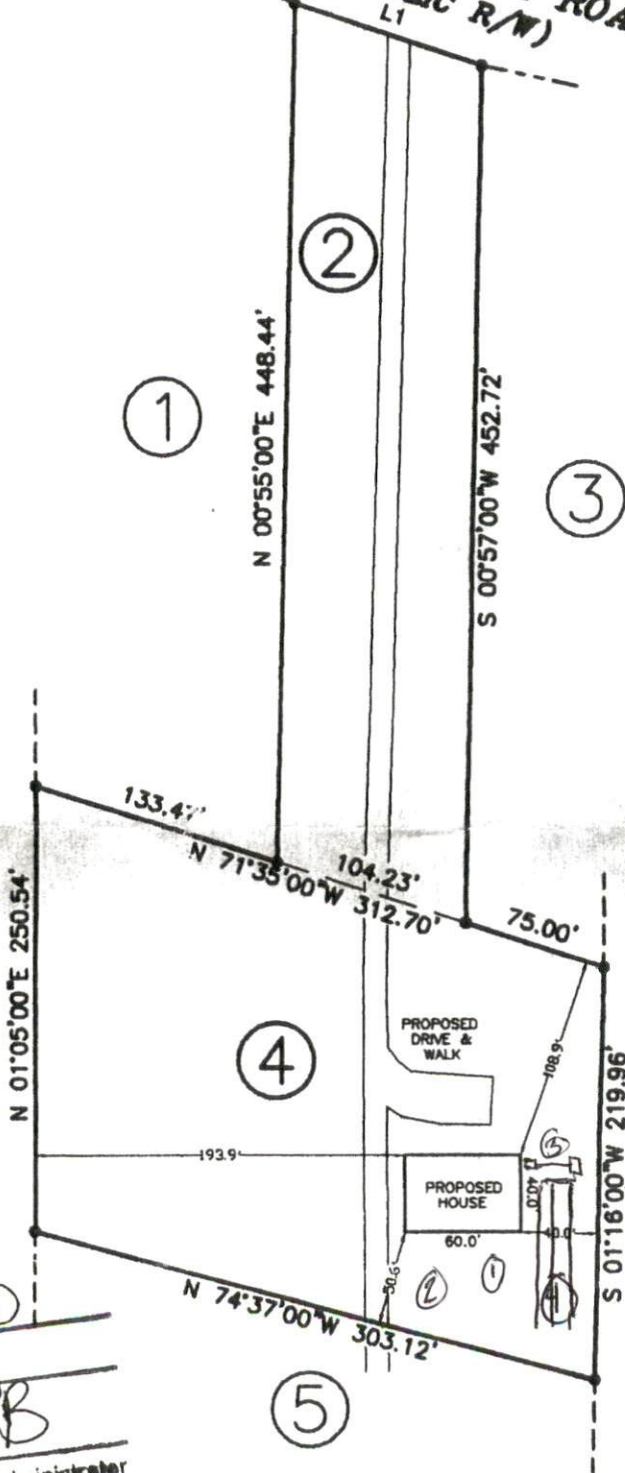
Show profile locations and other site features (dimensions, references or benchmark, and North)





PROSPECT CHURCH ROAD
(60' PUBLIC R/W)
L1

- LEGEND
- NTS NOT TO SCALE
 - EIP EXISTING IRON PIPE
 - PP POWER POLE
 - W/M WATER METER
 - TB TELEPHONE BOX
 - IPS IRON PIPE SET
 - CP&L TRANSFORMER
 - CATV CABLE TV BOX
 - L POLE LIGHT POLE
 - OHP/L OVERHEAD POWER LINE
 - F.E.S. FLARED END SECTION (PIPE)
 - RCP REINFORCED CONC. PIPE
 - B.O.C. BACK OF CURB
 - F.H. FIRE HYDRANT
 - C/O SEWER CLEAN OUT
 - EIS EXISTING IRON STAKE
 - M.H. MANHOLE
 - ECM EXISTING CONCRETE MONUMENT
 - P.K. PARKER KALON NAIL



VICKIE STEPHENSON
D.B.3412, PG.624

HARRY G. MATTHEWS
ANITA M. MCCLERNON
M.B.2016, PG.129
D.B.3419, PG.854

HARRY G. MATTHEWS
ANITA M. MCCLERNON
M.B.2016, PG.129
D.B.3419, PG.854

DEED NORTH
REF: D.B.3274, PG.391

SITE PLAN APPROVAL
DISTRICT RA30 USE SFD
#BEDROOMS 3
2-24-17
Zoning Administrator

NOTE: SHOWN IS LOT 2 AND 4 OF
TURLINGTON ESTATE S/D
REF: D.B.3274, PG.391

Course	Bearing	Distance
L1	S 71°35'00" E	103.11'



AREA = 2.61 ACRES
YYYY PROSPECT CHURCH ROAD