

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

Owner: *Charles* Applicant: *Charles Desziel*  
 Address: *Dennis St.* Date Evaluated: *01/11/17*  
 Proposed Facility: *ZGR SFD* Design Flow (.1949): *240 gal/day*  
 Location of Site: *Chas Dennis St* Property Recorded: *Yes* Property Size: *2.79 AC.*  
 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 8%	0-20	GR SL	Fr. SSSR S <sub>exp</sub>					PS
		20-36	BK SCL	F. S P S <sub>exp</sub>	2.5YR 7/1 @ 34"	36+			0.35
2	L 8%	0-28	GR SL	Fr. SSSR S <sub>exp</sub>					PS
		28-36	BK SCL	F. S P S <sub>exp</sub>	7.5YR 7/1 @ 34"	36+			0.35
3	L 10%	0-24	GR SL	Fr. SSSR S <sub>exp</sub>					PS
		24-32	BK SCL	F. S P S <sub>exp</sub>	Parent Mat @ 32"	32		PM	0.35
4	L 10%	0-27	GR SL	Fr. SSSR S <sub>exp</sub>					PS
		27-36	BK SCL	F. S P S <sub>exp</sub>	2.5YR 7/1 @ 34"	36+			0.35

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>2 1/2" 250</i>	<i>2 1/2" 250</i>	Evaluated By: <i>Andrew Curran, REHS -A</i>
Site LTAR	<i>0.35</i>	<i>0.35</i>	Others Present: <i>James Menhart, REHS</i>

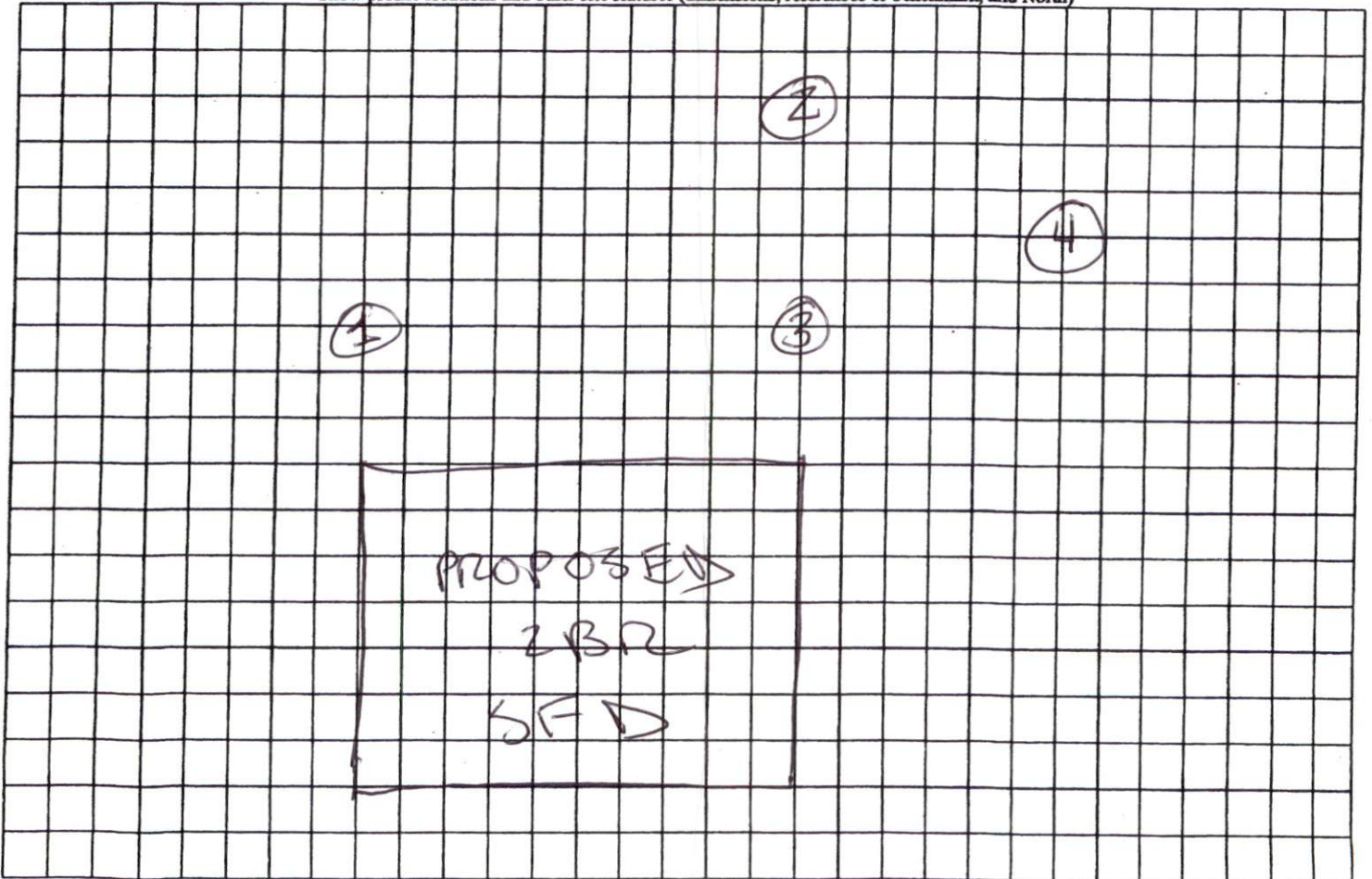
COMMENTS: \_\_\_\_\_

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	FI-FIRM	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE					
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3	VFI-VERY FIRM	VS-VERY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			
CV-CONVEX SLOPE		CL-CLAY LOAM			
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

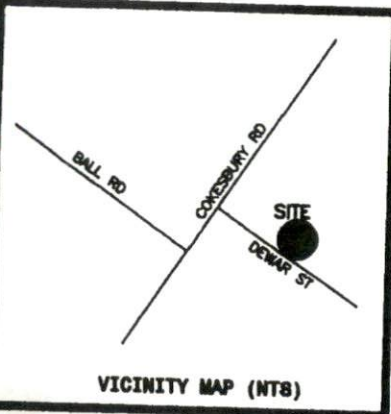
**STRUCTURE**  
 SG-SINGLE GRAIN  
 M-MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

**MINERALOGY**  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

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



\* 1 Block = 5 Ft



VICINITY MAP (NTS)

**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
- DHPL 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
- CP COMPUTED POINT

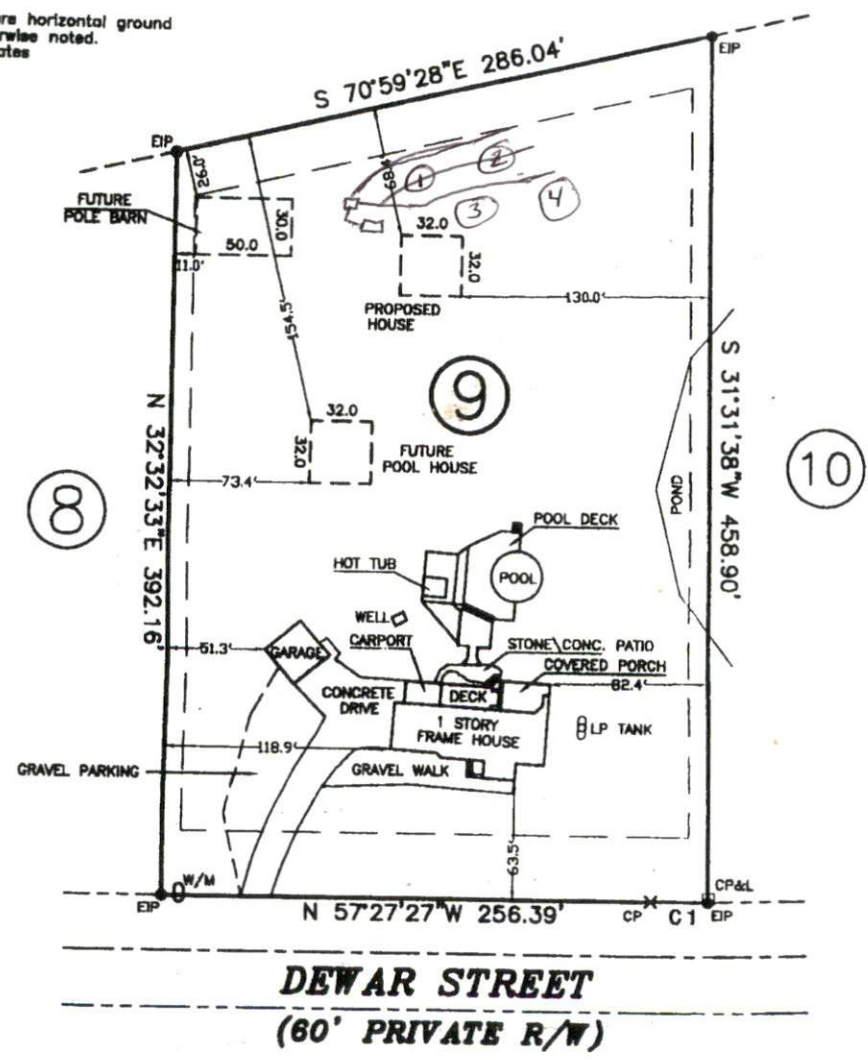
(REF: PLAN 55A)  
 (REF: PC#D. S. 55A)

**LEGEND**

- Existing Iron Pipe (Control Point)
- Iron Pipe Set (unless otherwise noted)
- Existing Concrete Monument (Control Point)
- Concrete Monument Set
- X Computed Point Only

GERALD W. ABERNATHY  
 YVONNE U. ABERNATHY  
 D.B.1174, PG.235  
 PC#C, SLIDE 99B

All measurements shown are horizontal ground measurements unless otherwise noted.  
 Area computed by coordinates



Curve	Radius	Length	Chord	Angle	End Bear.
C1	1727.9'	29.8'	29.8'	90°	S 57°54' W

NOTE: SHOWN IS LOT 9 OF  
 PAD PARTNERS S/D - SECTION 2  
 REF: PC#D, SLIDE 55A



AREA = 2.76 ACRES