

4 ~~x~~ $\frac{1}{2}$ " VALVES

$$4 \times 7.11 = 28.44 + 2 = 30$$

$$TOM = PH + FH + EM$$

$$PH = 2'$$

$$EM = 47'' - 5'' = 42'' = 3' 6'' + 6' (TANK) = 9' 6''$$

$$FH = 1.78 \times .50 = \del{.89} \times 1.2 = 1'$$

$$TOM = 2' + 9' 6'' + 1' = 12.5'$$

30 gpm @ 12.5' TDH

$$240 \times .65 \times .66 = 102$$

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

Owner:

Applicant:

Address:

Date Evaluated:

Proposed Facility: 3 Bedroom House Design Flow (.1949): 360 gpd

Property Size:

Location of Site:

Property Recorded:

- 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	LS 210%	0-27	G SL	VFR NS/MP					UG/PS -4
		27-39	SBK SCL	FR SS/SP					
		39-114	SCL v/dn	1071C 3N	1072 3/1 @ 29"				
2		0-37	G SL	VFR NS/MP					PS -5 (50)
		37-42	SBK SCL	FR SS/SP					
3		0-33	G LS	VFR NS/MP					PS -5
		33-42	SBK SCL	FR SS/SP					
4		0-32"	G LS	VFR NS/MP	PHYSICALLY WET @ ~30"				
		32-32"							

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	PUMP CONV	PUMP CONV
Site LTAR	.5	.5

Other Factors (.1946): _____
 Site Classification (.1948): PS
 Evaluated By: ax
 Others Present: —

4x60 @ 24"

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 FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT-	0.6 - 0.3		
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		
		C-CLAY			
		SC-SANDY CLAY			

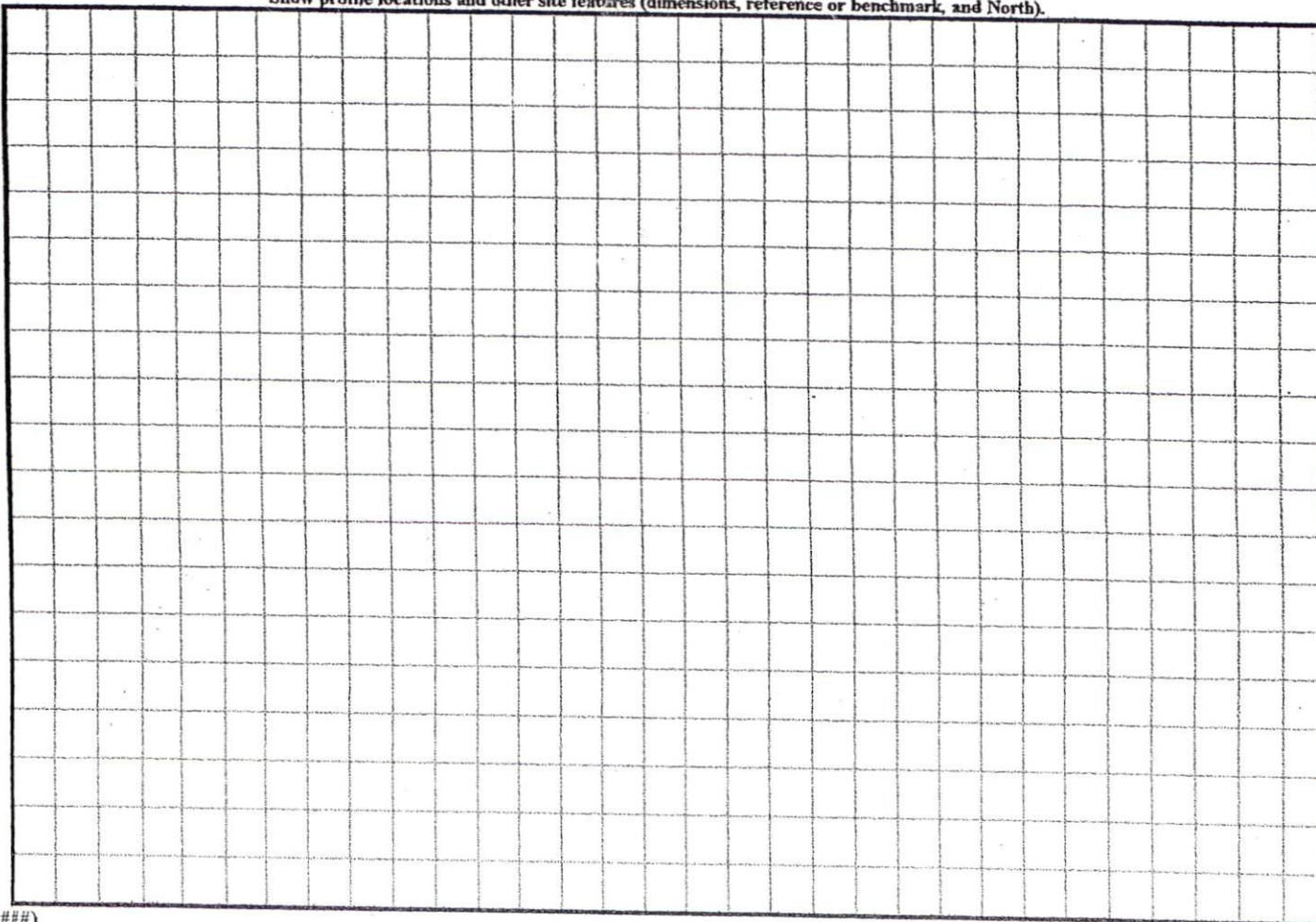
STRUCTURE

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

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

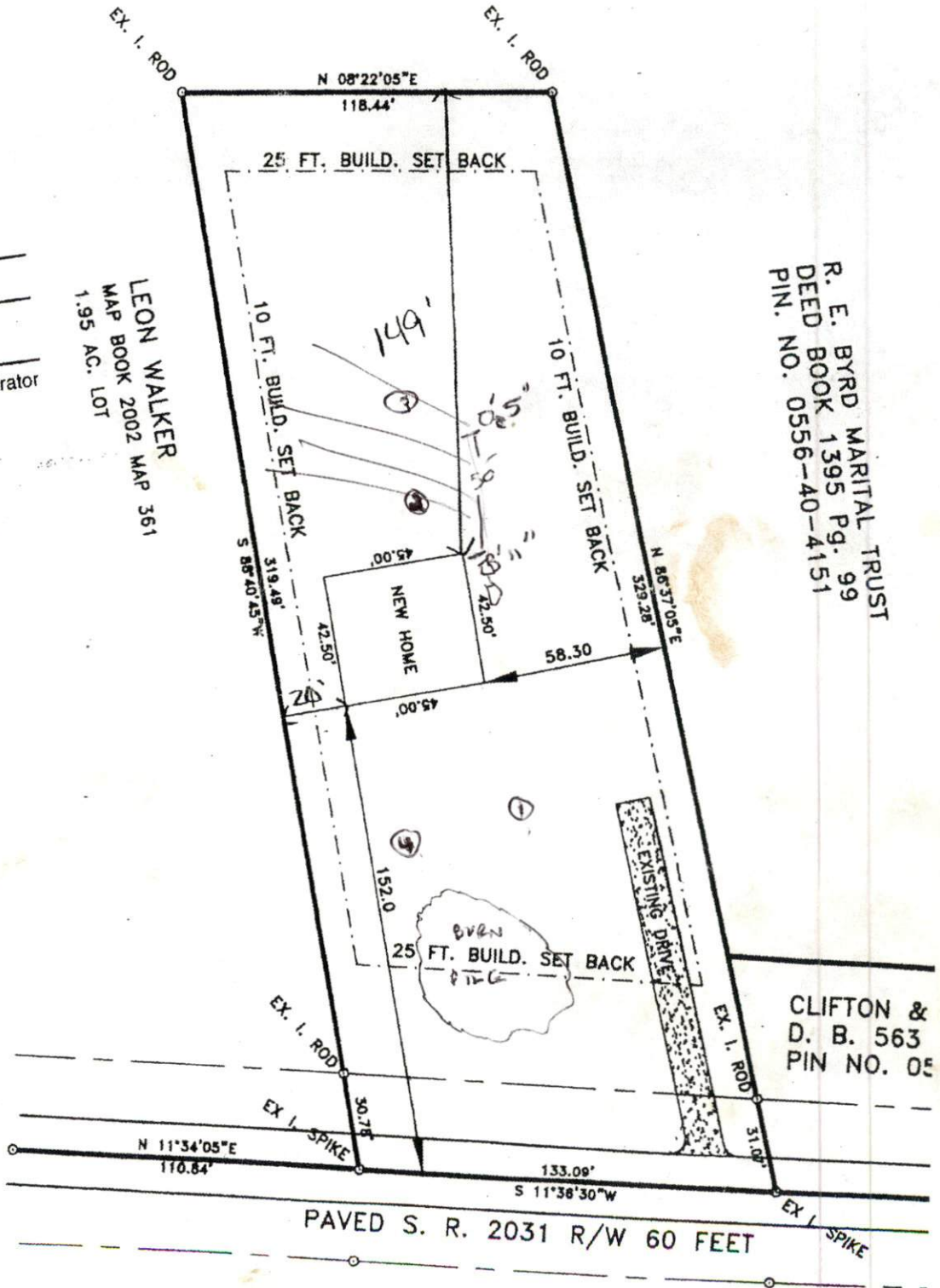
Show profile locations and other site features (dimensions, reference or benchmark, and North).



SITE PLAN APPROVAL
 DISTRICT none USE SFD
 #BEDROOMS 3
4/5/05 Date
PRR Zoning Administrator

LEON WALKER
 MAP BOOK 2002 MAP 361
 1.95 AC. LOT

R. E. BYRD MARITAL TRUST
 DEED BOOK 1395 Pg. 99
 PIN. NO. 0556-40-4151



CLIFTON &
 D. B. 563
 PIN NO. 05

PAVED S. R. 2031 R/W 60 FEET

Pump to 11x60 @ 24"
 EQUAL REPAIR