

**SUBSURFACE
SEWAGE
DISPOSAL
SYSTEM UPGRADE**

277 WASHINGTON STREET
BOXFORD MA

REGISTRY INFORMATION:

DEED:
BOOK NO.: 32904
PAGE NO.: 549

ASSESSORS INFORMATION:

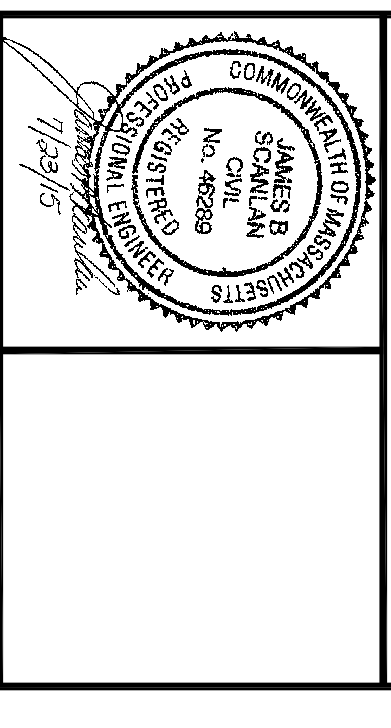
MAP: 9
BLOCK: 1
LOT: 28

PREPARED FOR:

JAMES NASON
277 WASHINGTON STREET
BOXFORD MA



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DATE:	JULY 1, 2015		
DESIGN BY:	JBS		
DRAWN BY:	JBS		
REVISIONS TO PLANS:			
#	BY	DATE	REVISIONS TO PLANS
1	JBS	7/23/15	WETLANDS DELINEATION

**PLAN
& FLOW PROFILE**

SHEET 1 OF 2 SCALE: 1" = 20'
PROJECT # 0609

▲	BENCHMARKS: ASSUMED DATUM	ELEV.
#1	DOOR THRESHOLD	103.67
#2	TOP OF WELL	102.08
#3		

SOILS INFORMATION:

SOIL EVALUATOR: JAMES SCANLAN, P.E.
(SE#2159 - APRIL 1995)
TOWN WITNESS: KENDRICK LONGO
DATE: 6/16/15

I CERTIFY THAT I AM CURRENTLY APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO 801 CMR 12.00 TO CONDUCT SOIL EVALUATIONS AND THE ABOVE ANALYSIS HAS BEEN PERFORMED BY ME OR UNDER MY SUPERVISION. THE RESULTS OF MY SOIL EVALUATION AS INDICATED IN THE ATTACHED SOIL EVALUATION FORM ARE ACCURATE AND IN ACCORDANCE WITH 310CMR 15.100 THROUGH 15.102.

SIGNATURE: _____ DATE: _____

SOIL PERCOLATION RATE: P-1: DEPTH TO 12" = 36" SOIL PERC RATE = 7 MIN/IN

SOIL ELEVATIONS:

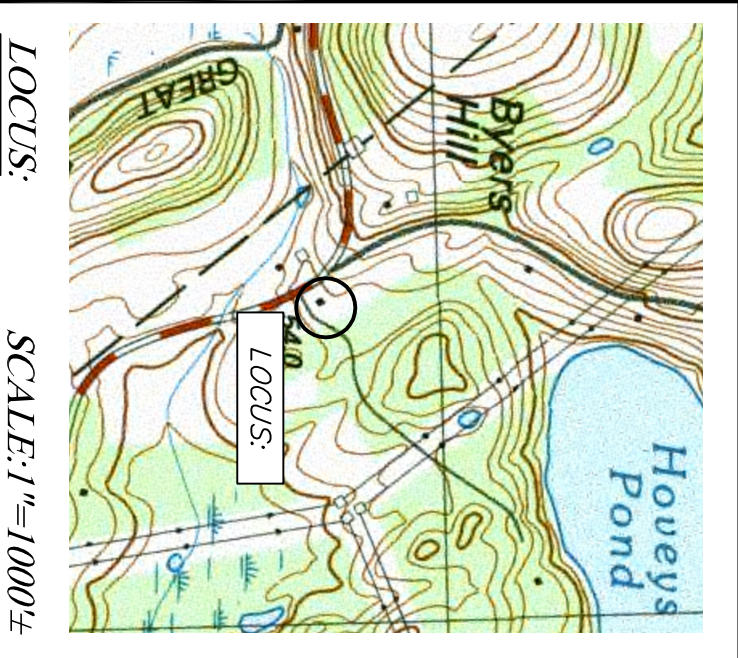
TEST PIT	T-1	T-2
GRADE	112.5	111.8
E.S.H.G.W.	101.5	101.8
OBS. G.W.	NONE	NONE
BOTTOM PIT	101.5	101.1

SOIL PROFILES:

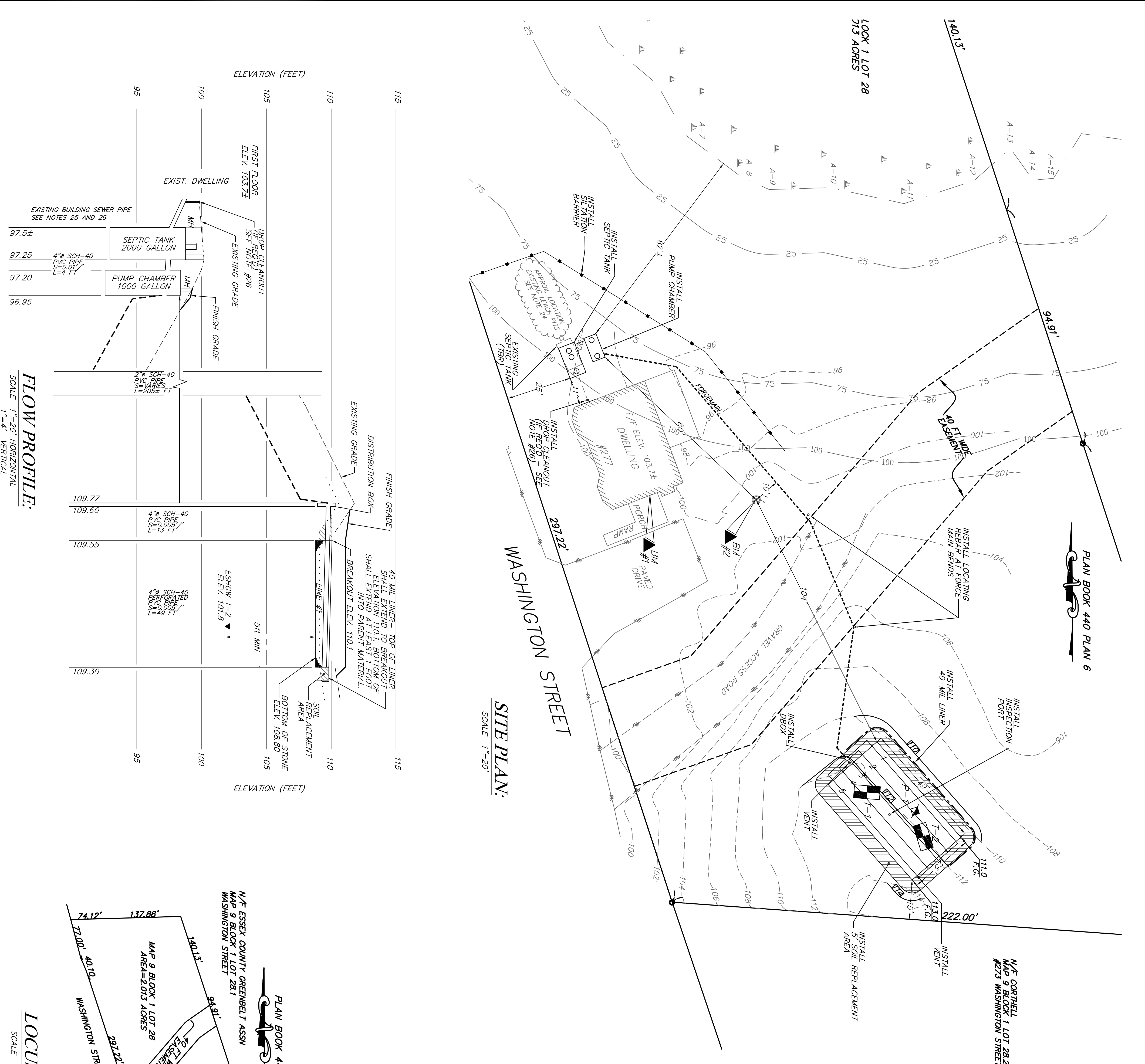
T-1: 0-12" AP FINE SANDY LOAM 10YR3/3 MASSIVE FRIABLE 12-14" CI GRAVELLY FINE-MEDIUM LOAMY SAND 2.5Y5/3 SINGLE GRAIN LOOSE NO LEACH OBSERVED - NO OBSERVED WATER
T-2: 0-12" AP FINE SANDY LOAM 10YR3/3 MASSIVE FRIABLE 12-14" Bv FINE SANDY LOAM 10YR4/4 MASSIVE FRIABLE F4-12R CI GRAVELLY FINE-MEDIUM LOAMY SAND 2.5Y5/3 SINGLE GRAIN LOOSE NO LEACH OBSERVED - NO OBSERVED WATER
NO REFUSAL

DESIGN CRITERIA:

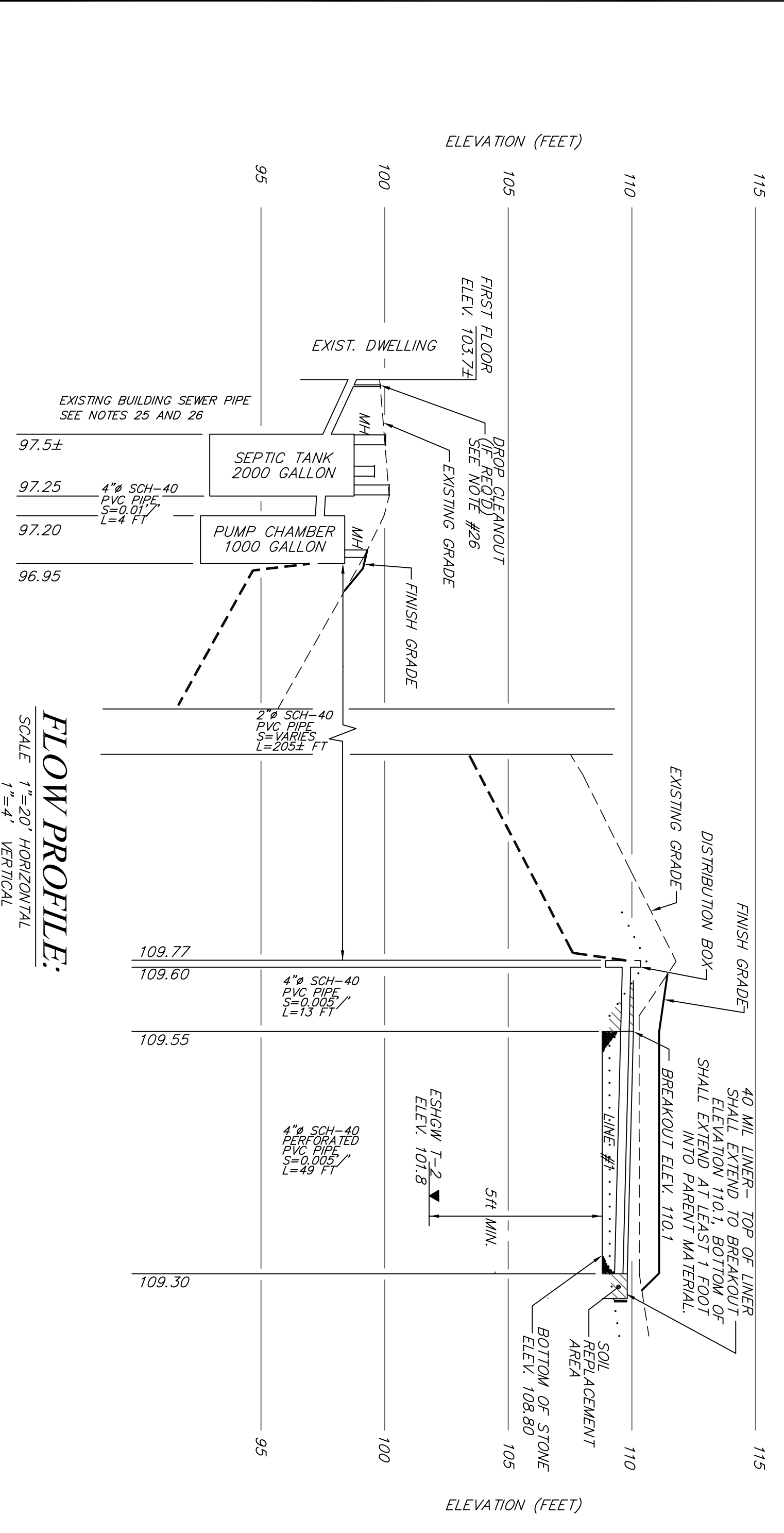
FACILITY TYPE:	SIZE:	SINGLE FAMILY DWELLING	SOIL CLASS:	CLASS 1
UNIT FLOW RATE:	163 GAL/BE/D/DAIY		LONG TERM:	7 MIN/INCH
DAILY FLOW:	825 GAL/DAIY		ACCEPTANCE RATE:	0.68 GAL/SF/DAIY
GARBAGE GRINDER:	NO		REQUIRED LEACH AREA:	809 SF
SYSTEM DESIGN:	825 GAL/DAIY		PROVIDED LEACH AREA:	1214 SF
			(LEACH AREA: 25' X 49' = 1225 SF)	



LOCUS: SCALE: 1" = 1000'



SITE PLAN: SCALE 1" = 20'



FLOW PROFILE: SCALE 1" = 4' HORIZONTAL 1" = 4' VERTICAL

LOCUS PLAN: SCALE 1" = 100'

