

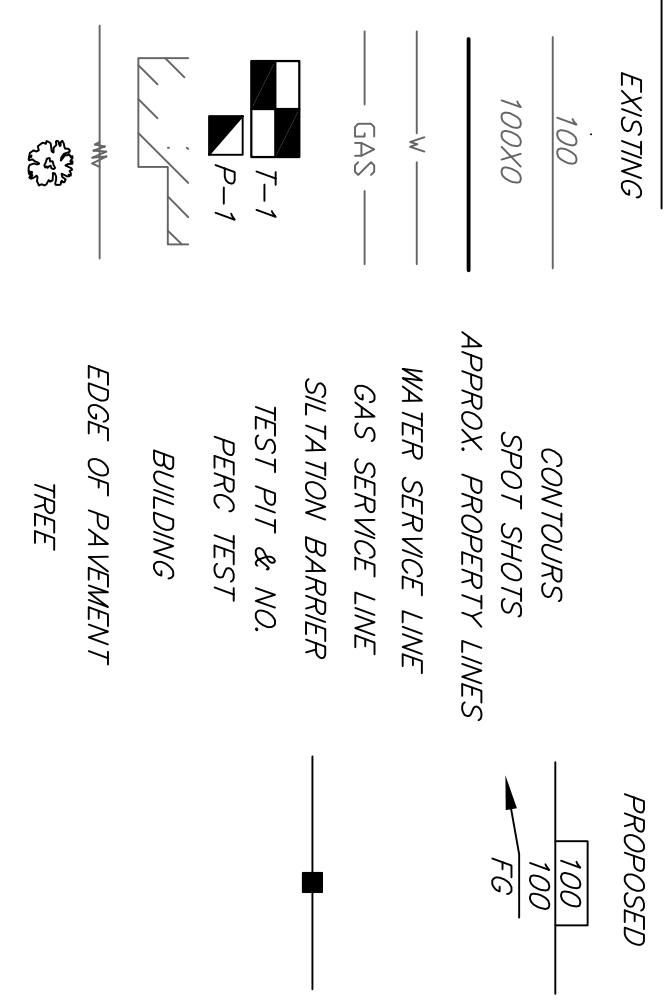
PLAN INTENT:

THIS PLAN IS INTENDED ONLY FOR THE CONSTRUCTION OF A SEWAGE DISPOSAL SYSTEM ON THE SITE. NO OTHER USE OF THIS PLAN IS AUTHORIZED.

DESIGN CRITERIA:

FACILITY TYPE:	SINGLE FAMILY DWELLING	SOIL CLASS:	CLASS II
UNIT FLOW RATE:	110 GAL/BED/DAY	SOIL PERC RATE:	100
DAILY FLOW:	330 GAL/DAY	LONG TERM ACCEPTANCE RATE:	0.56 GAL/SF/DAY
GARBAGE GRINDER:	NO	REQUIRED LEACH AREA:	590 SF (TOWN)
SYSTEM DESIGN:	330 GAL/DAY	PROVIDED LEACH AREA:	605 SF (STATE)
		(LEACH AREA: 4.73 SF/LF X 128' = 605 SF)	

LEGEND:



SOILS INFORMATION:

SOIL EVALUATOR: JAMES M. KAYMANAUGH
 TOWN WITNESS: LEO CORNELLER
 DATE: APRIL 2, 2019
 I CERTIFY THAT I AM CURRENTLY APPROVED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION PURSUANT TO 310CMR15.07 TO CONDUCT SOIL EVALUATIONS AND THE PROTECTION OF PUBLIC HEALTH AND THE ENVIRONMENT. I HAVE REVIEWED THE RESULTS OF MY SOIL EVALUATION, AS INDICATED IN THE ATTACHED SOIL EVALUATION FORM, AND I AM ACCORDING TO THE RESULTS OF MY SOIL EVALUATION AND IN ACCORDANCE WITH 310CMR 15.100 THROUGH 15.107.

SOIL ELEVATIONS:	TEST PIT	T-1	T-2	T-3
GRADE	97.79	98.08	101.48	
E.S.H.G.W.	96.29	96.08	98.79	
OBS. G.W.	91.46	91.39	94.81	
BOTTOM PIT	89.04	96.04	94.79	

SOIL PERCOLATION RATE: P-1: DEPTH TO 12"=20" SOIL PERC RATE= 12 MIN/IN

SOIL PROFILES:	T-1:	T-2:	T-3:
0-18" FILL	18-27" A ₁ FINE SANDY LOAM 10YR6/2/1	27-105" C SLT LOAM 10YR6/1	ESHOW @ 18"
0-24" FILL	24-30" A ₁ FINE SANDY LOAM 10YR2/1	30-48" C SLT LOAM 10YR6/1	ESHOW @ 24"
0-7" A ₁ FINE SANDY LOAM 10YR2/1	7-22" B ₁ FINE SANDY LOAM 10YR6/8	22-80" C LOAMY SAND 2.5YR6/2	ESHOW @ 18"

VARIANCES/WAIVERS:

REQUIRED:
 A MINIMUM OF TWO DEEP HOLE OBSERVATIONS SHALL BE PERFORMED IN THE PRESENCE OF THE APPROVING AUTHORITY

REGULATORY PROVIDED:
 310CMR15.109(2) PRIMARY AREA

310CMR15.211(1)
 20 FT SETBACK BETWEEN SAS AND CELLAR WALL
 6 FEET

310CMR15.211(1)
 10 FT SETBACK BETWEEN SAS AND PROPERTY LINE
 6 FEET

310CMR15.211(1)
 10 FT SETBACK BETWEEN SEPTIC TANK AND CELLAR WALL
 2 FEET

310CMR15.211(1)
 10 FT SETBACK BETWEEN SEPTIC TANK AND PROPERTY LINE
 2 FEET

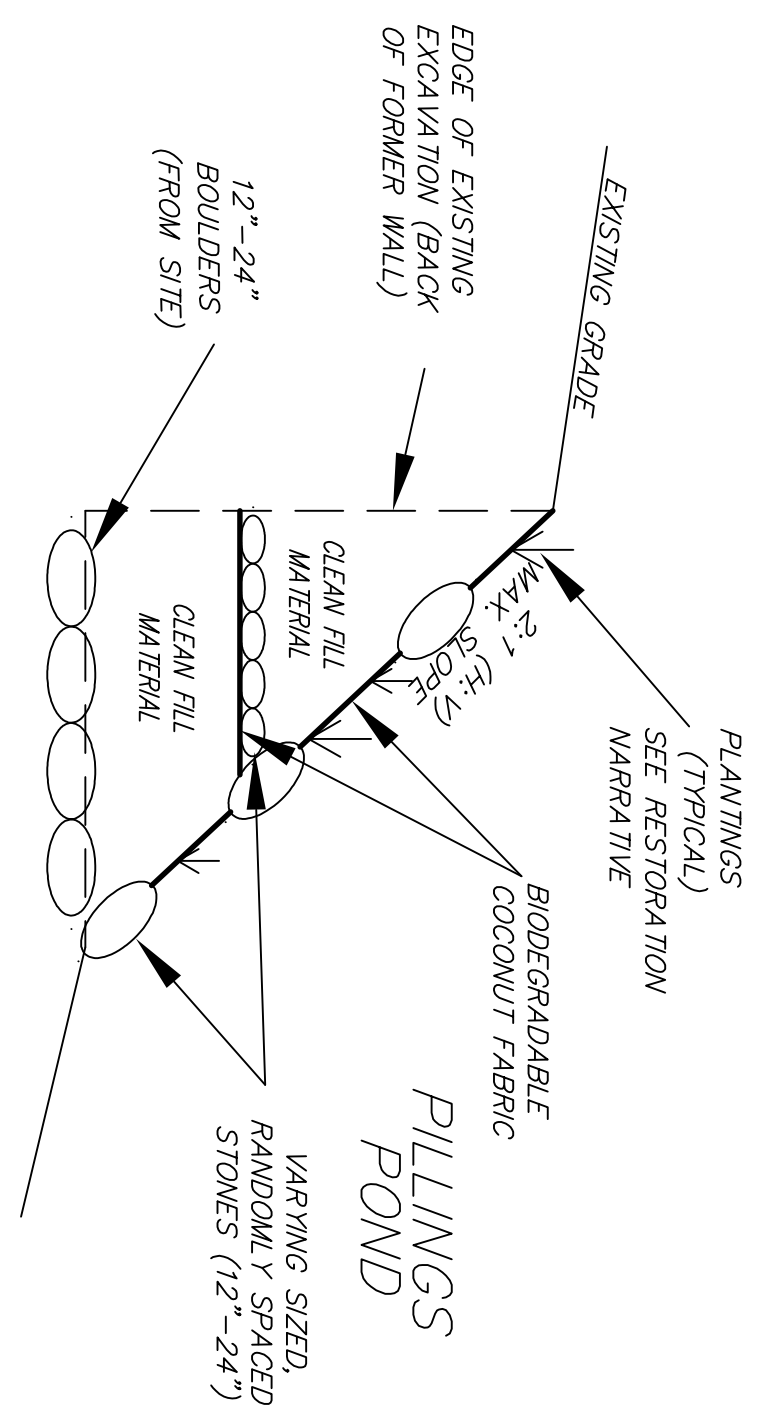
310CMR15.211(1)
 200 FT SETBACK BETWEEN SAS AND TRIBUTARY TO RESERVOIR
 76 FEET

310CMR15.211(1)
 200 FT SETBACK BETWEEN SEPTIC TANK AND TRIBUTARY TO RESERVOIR
 65 FEET

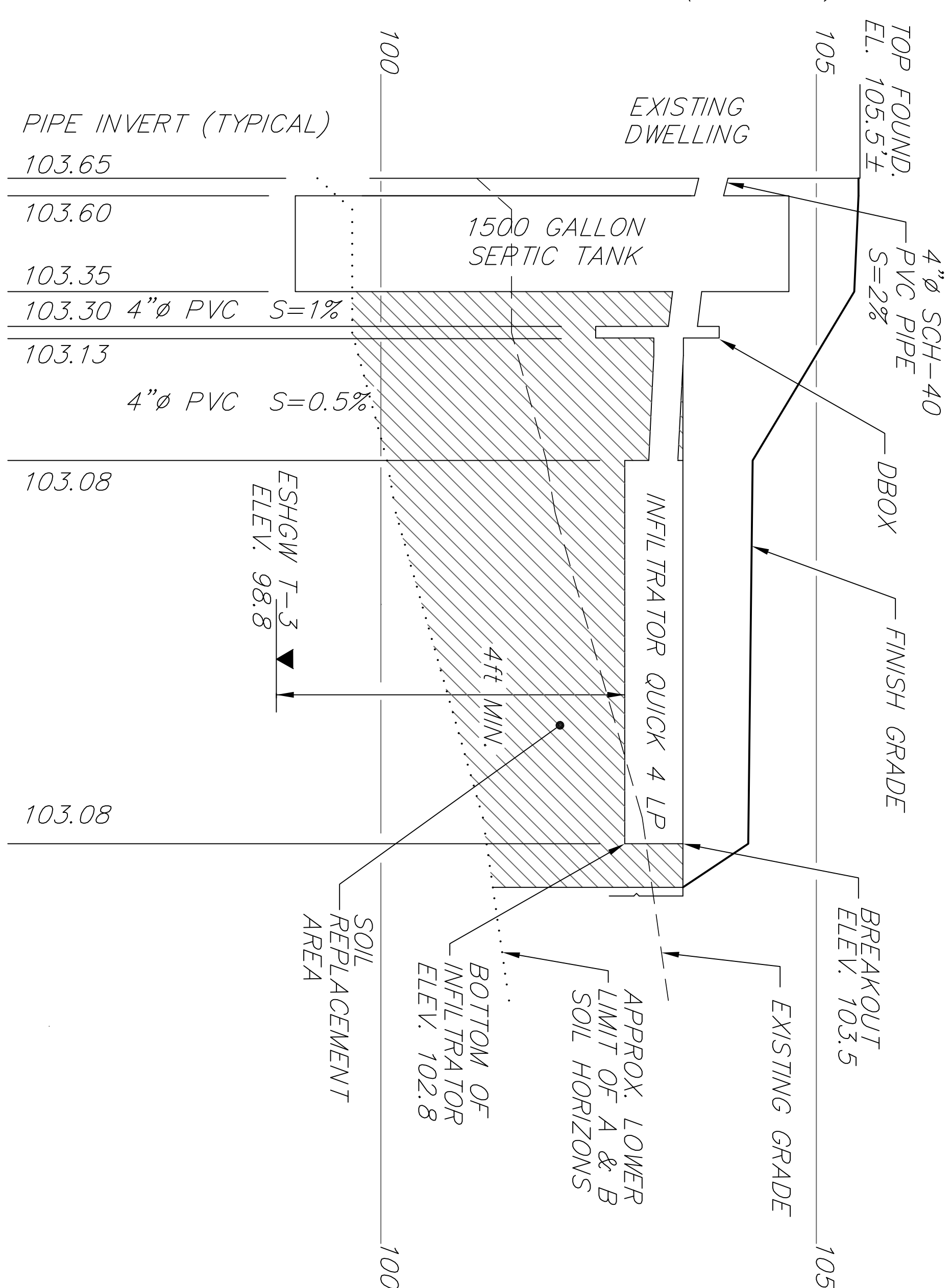
310CMR15.211(1)
 100 FT SETBACK BETWEEN TRIBUTARY TO RESERVOIR AND WETLANDS BORDERING TRIBUTARY TO RESERVOIR
 76 FEET

310CMR15.211(1)
 100 FT SETBACK BETWEEN SEPTIC TANK AND WETLANDS BORDERING TRIBUTARY TO RESERVOIR
 65 FEET

BANK RESTORATION PROFILE
 (NOT TO SCALE)

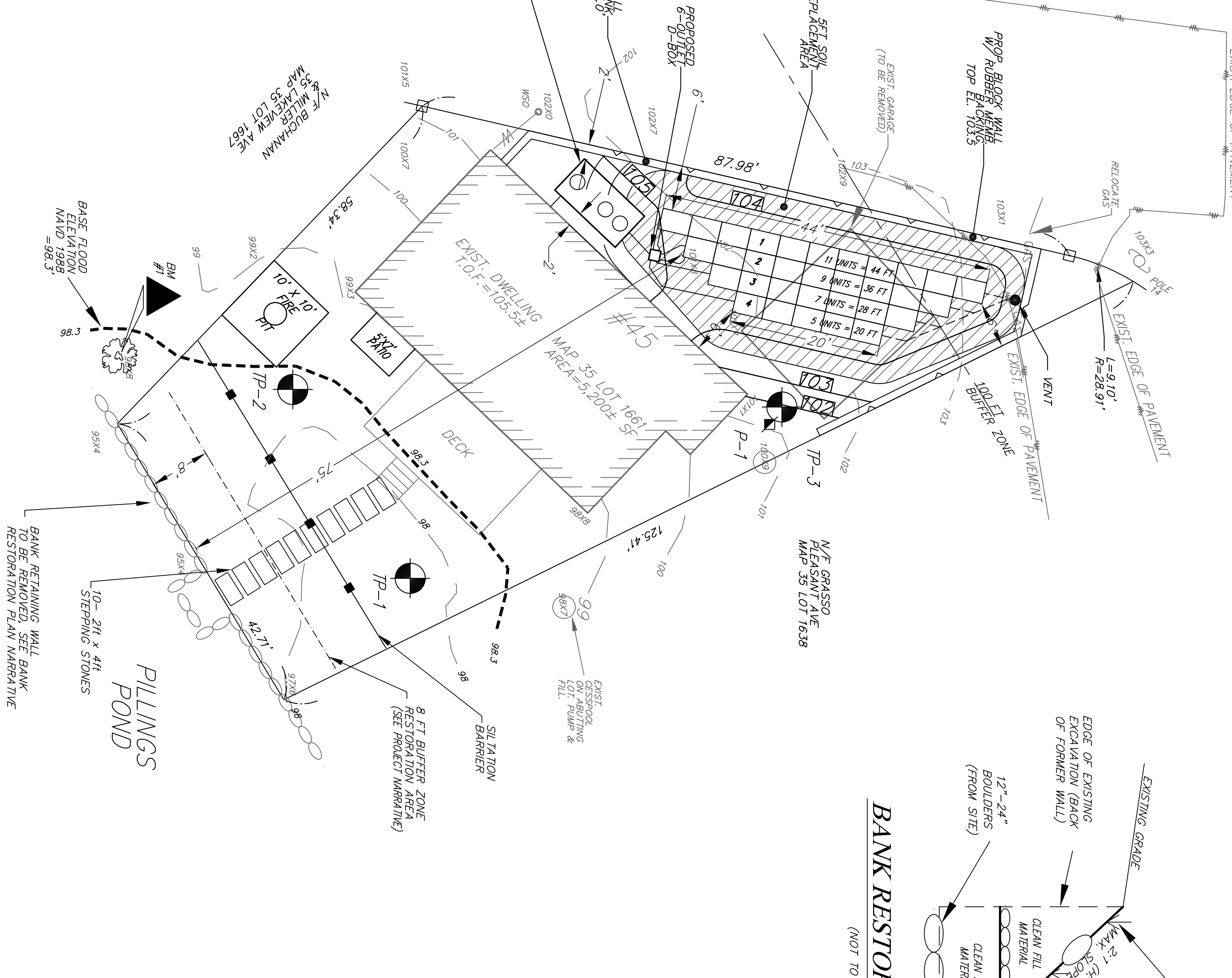


ELEVATION (FEET)



SITE PLAN:

SCALE: 1"=10'



SUBSURFACE SEWAGE DISPOSAL SYSTEM UPGRADE
 45 LAKEVIEW AVENUE
 LYNNFIELD MA

REGISTRY INFORMATION:
 DEED:
 DOC. NO.: 599183
 CERT. NO.: 92133

ASSESSORS INFORMATION:
 MAP: 35
 BLOCK: ---
 LOT: 1661

PREPARED FOR:
 DEBBITAS FAMILY TRUST
 21 LAKEVIEW AVE
 LYNNFIELD MA

PREPARED BY:
 JOSEPH J. SERWATKA, P.E.
 POST OFFICE BOX 1016
 NORTH ANDOVER, MA 01845
 TEL.: 978-314-8731

DATE: SEPTEMBER 28, 2020
 DESIGN BY: JUS
 DRAWN BY: JBS

PLAN & FLOW PROFILE

SHEET 1 OF 2 SCALE: 1"=10'
 PROJECT #