

LOCUS MAP

N/F
TATIANA UGARTE
23 THURBERS
AM #31 LOT #93

N/F
CLINTON E. ANSWORTH
C/O PATTI GAMBOA
AM #31 LOT #89

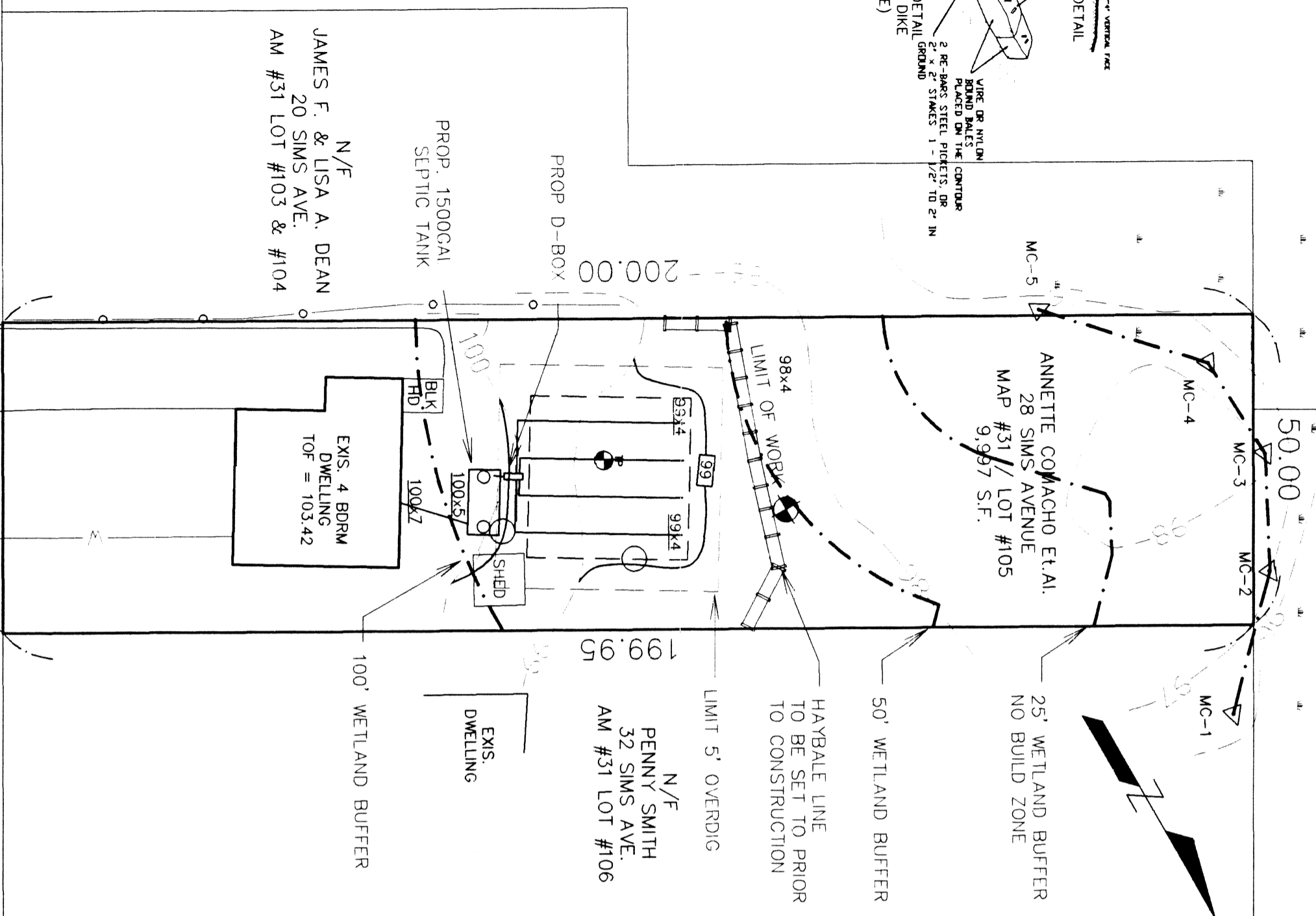
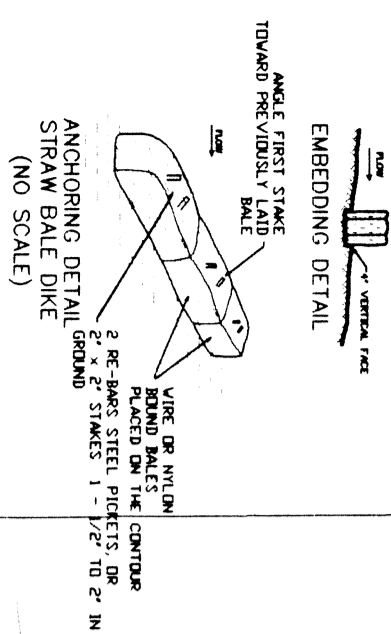
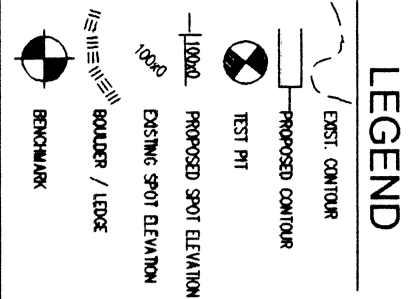
TO BE
RE-PLUMBED
IN HOUSE

N/F
JAMES F. & LISA A. DEAN
20 SIMS AVE.
AM #31 LOT #103 & #104

N/F
ANNETTE COMACHO ET AL.
28 SIMS AVENUE
MAP #31 / LOT #105
9,997 S.F.

N/F
PENNY SMITH
32 SIMS AVE.
AM #31 LOT #106

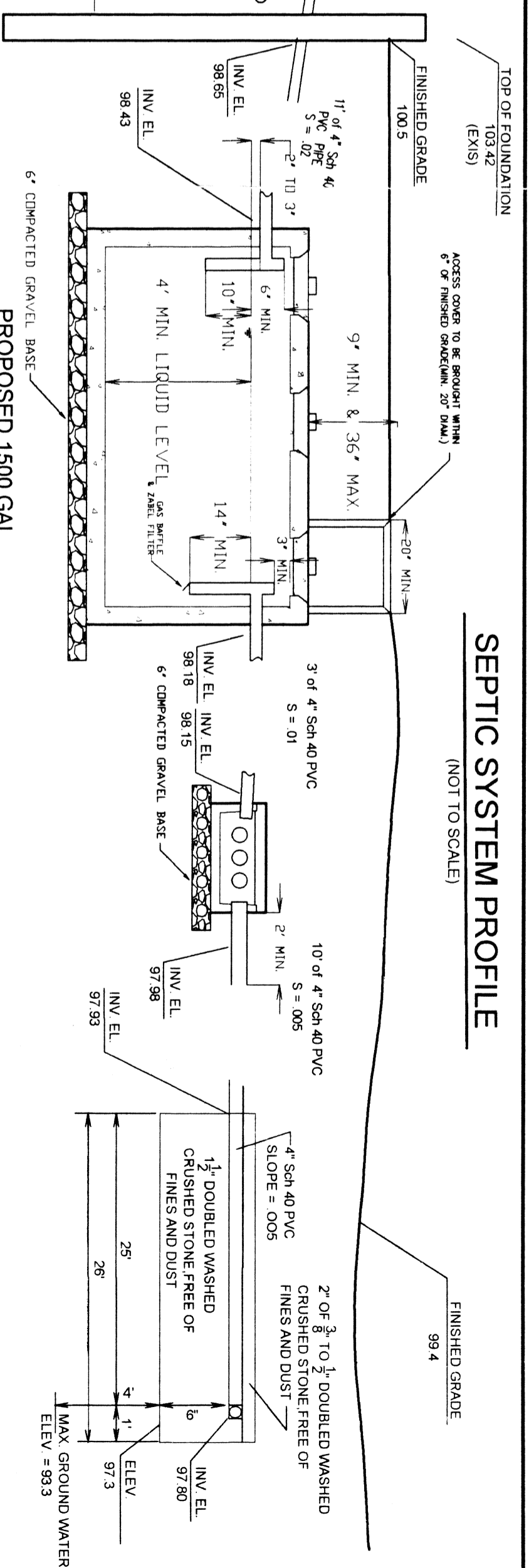
SIMS AVENUE
(40' WIDE - PUBLIC)



NOTES

1. ALL COMPONENTS WILL BE BY BENSON INDUSTRIES OR APPROVED EQUAL.
2. ALL PIPE WILL BE 4" SCH 40 PVC.
3. MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE 5, MASS. ENVIRONMENTAL CODE AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH.
4. ALL OF THE "A" AND "B" LAYERS SHALL BE REMOVED AS PER 310 CMR 15.255 (5) FOR A DISTANCE OF 5' FROM ALL SIDES OF THE PROPOSED LEACHING SYSTEM AND FROM BENEATH THE LEACHING SYSTEM TO AN ELEVATION OF 89.6 OR UNTIL NATURALLY OCCURRING PERVIOUS MATERIAL IS REACHED AS PER 310 CMR 15.250 AND THE LOCAL B.O.H. OFFICER. AFTER THE EXCAVATION IS COMPLETE, THE AREA WILL BE BACKFILLED TO THE DESIGN ELEVATION AS PER 310 CMR 15.255 (3) AND THE LOCAL B.O.H. OFFICER.
5. ALL UTILITIES SHOWN ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION AND SHOULD BE VERIFIED BY THE CONTRACTOR FOR THE EXACT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION OF THE PROPOSED SEWAGE DISPOSAL SYSTEM.
6. THIS PLAN IS DESIGNED TO MAXIMUM FEASIBLE COMPLIANCE AS PER CMR 310 15.404 AND 15.405.
7. ANY CHANGES OR VARIATIONS FROM THIS PLAN MUST BE APPROVED, IN WRITING, PRIOR TO CONSTRUCTION BY BOTH MILLER ENGINEERING AND THE LOCAL B.O.H.
8. EXISTING CESS POOLS TO BE PUMPED AND REMOVED PRIOR TO CONSTRUCTION.
9. HAYBALES TO BE SET PRIOR TO CONSTRUCTION AT LIMIT OF WORK HAYBALES TO REMAIN IN PLACE UNTIL ADEQUATE EROSION CONTROL ACHIEVED BY GRASS.
10. THE FOLLOWING VARIANCES ARE REQUESTED FOR THIS PLAN:
 1. A SIEVE ANALYSIS WAS USED IN LIEU OF A PERCOLATION TEST DUE TO SITE CONDITIONS.
 2. A RELIEF IN THE REQUIRED DEPTH TO GROUNDWATER IS REQUESTED TO LOWER THE REQUIRED 5' TO 4'.

SEPTIC SYSTEM PROFILE
(NOT TO SCALE)



NOTES

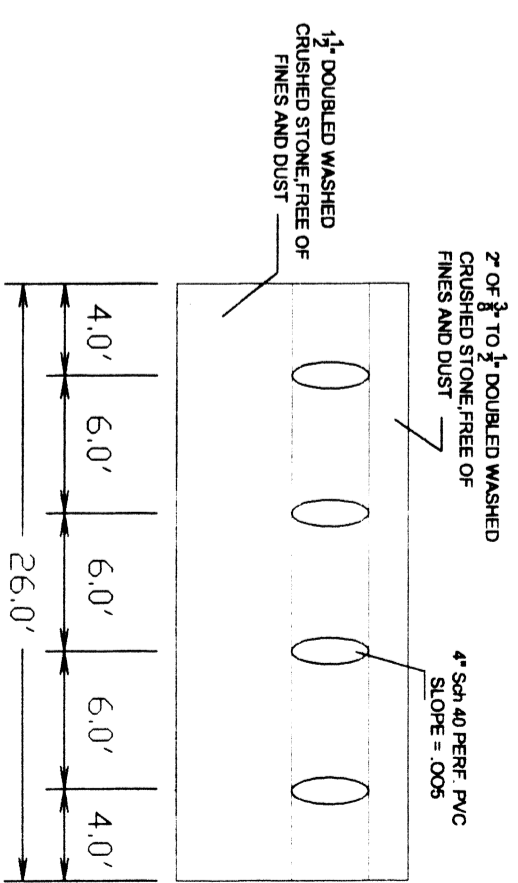
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NOTES

1. DESIGN FLOW: EXISTING 4 BEDROOM HOUSE, NO GARAGE GRINDER
DESIGN FLOW: 4 BEDROOMS x 110 GAL/DAY = 440 GAL/DAY
2. SOIL INFORMATION: PERCOLATION RATE = SIEVE, MIN. PER IN. SOIL CLASS 1
DESIGN PERCOLATION RATE = 8" MIN. PER IN.
3. LEACHING AREA PROVIDED: BOTTOM 28" LONG x 28" WIDE = 678 SQUARE FEET
4. CAPACITY: 678 SQUARE FEET x .66 GAL. PER SQUARE FOOT = 446 GAL. PER DAY

DESIGN DATA

FIELD CROSS - SECTION



SOIL DATA

RDA

SOIL TESTS PERFORMED 05/16/05 BY MICHAEL CAMPAGNONE AND WITNESSED BY HAROLD CHERNET OF THE SEEKONK BOARD OF HEALTH

TEST PIT		LOCATION	
68.8	1.0'	28 SIMS AVENUE SEEKONK, MA	
96.9	2.0'	HENRY FOURNIER 130 WALKER STREET SEEKONK, MA 02771	
96.1	10\"/>		
96.8	2.5' SANDY LOAM	PREPARED BY MILLER ENGINEERING 21 BROOK STREET SEEKONK, MA (508) 761-1790 05/16/05 CHECKED	
97.1	10\"/>		
97.7	MEG SAND		
90.6	MEG SAND		
89.6	MEG SANDY LOAM		
89.6	2.5' SANDY SILT	PERC RATE = SIEVE SAMP DEPTH = 88.8 (1097) G.W. DEPTH = 83.3 (997)	
88.8	2.5' SANDY SILT		

BENCH MARK
NAIL SET IN 6" TREE
EL. = 100.00

SCALE
1" = 20'