

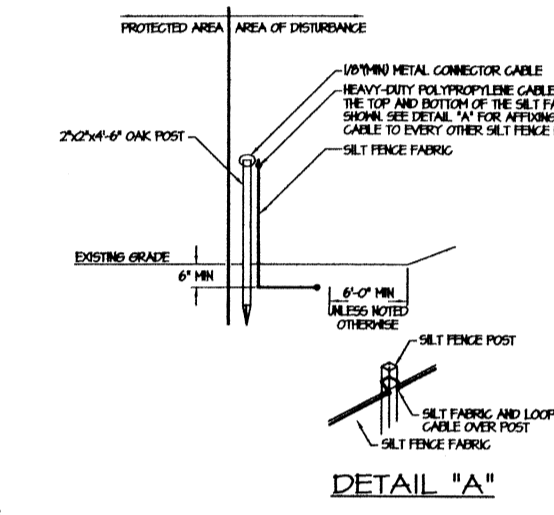
- NOTES:**
- 1) ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE - TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
 - 2) IN ACCORDANCE WITH 310 CMR 15.25(5), STRIP ALL UNSUITABLE MATERIAL (i.e. TOPSOIL, SUBSOIL, TREE ROOTS, STUMPS AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL). THE EXCAVATION AND REMOVAL OF THIS UNSUITABLE MATERIAL SHALL EXTEND A MINIMUM OF FIVE FEET LATERALLY IN ALL DIRECTIONS BEYOND THE OUTER PERIMETER OF THE SOIL ABSORPTION SYSTEM TO THE DEPTH OF NATURALLY OCCURRING PERVIOUS MATERIAL, AS REQUIRED BY 310 CMR 15.240 AND REPLACE WITH GRANULAR FILL MATERIAL MEETING THE LATEST SPECIFICATIONS OF 310CMR15.25(5).
 - 3) ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
 - 4) PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK AND DISTRIBUTION BOX.
 - 5) IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. AND THE SEEKONK BOARD OF HEALTH AGENT BEFORE PROCEEDING WITH CONSTRUCTION.
 - 6) GARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
 - 7) THE SEPTIC TANK IS TO BE INSPECTED THICE A YEAR, AND CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH.
 - 8) BREAKOUT ELEVATION = FINISHED GRADE FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
 - 9) CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.
 - 10) THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER CONDITIONS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.
 - 11) ACTUAL STONE USED FOR CONSTRUCTION OF THE SOIL ABSORPTION SYSTEM MUST BE DOUBLE WASHED AS SPECIFIED BY 310 CMR 15.241. THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR MONITORING, INSPECTING OR SUPERVISING THE ACTUAL CONSTRUCTION WORK. AFTER EXCAVATING AND PRIOR TO INSTALLING ANY IMPORTED MATERIAL, CONTACT THE BOARD OF HEALTH AGENT FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER SYSTEM COMPONENTS ARE IN PLACE AND PRIOR TO BACKFILLING, CONTACT THE DESIGNER TO VERIFY THE LOCATION AND ELEVATION OF SYSTEM COMPONENTS AND PREPARE A RECORD DRAWING AS REQUIRED BY THE BOARD OF HEALTH.
 - 12) THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY, FOR THE INSTALLATION AND MAINTENANCE OF THE SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO CONSTRUCT THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND LOCAL BOARD OF HEALTH REGULATIONS AND THE RESPONSIBILITY OF THE OWNER FOR PROPERLY MAINTAINING THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS.
 - 13) REFER TO 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS FOR ADDITIONAL INFORMATION CONCERNING THE CONSTRUCTION AND OPERATION OF THE SYSTEM. THE INSTALLER AND OWNER SHOULD REVIEW AND APPLY 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS.

DESIGN DATA

DAILY SEWAGE FLOW
PROPOSED BEDROOMS = THREE
PERG RATE = 2 M.P.I.
DAILY FLOW = 110 GAL/DAY/BEDROOM x 3 BEDROOMS = 330 GALLONS PER DAY

SEPTIC TANK REQUIREMENTS
VOLUME = 2 x DAILY FLOW = 660 GALLONS - MINIMUM SIZE = 1500 GALLONS

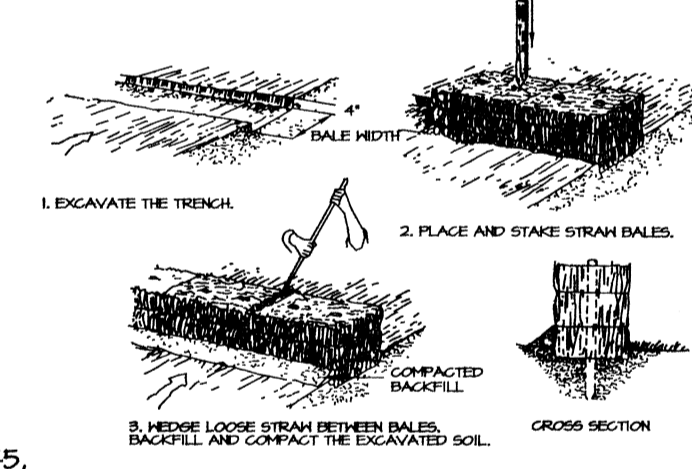
LEACHING AREA REQUIREMENTS
PERCOLATION RATE = 3 MINUTES PER INCH - DESIGN FOR 5 MINUTES PER INCH - SOIL TEXTURE CLASS - 1
EFFLUENT LOADING RATE = 0.14 GAL. PER S. F.
SIDEWALL AREA =
BOTTOM AREA = 34' WIDE x 10' LONG = 612 SQUARE FEET
TOTAL LEACHING AREA = 612 SQUARE FEET
TOTAL LEACHING CAPACITY = 612 S. F. x 0.14 GAL/DAY/S. F. = 453 GAL/DAY x 330 GPD



NOTES:

1. TYPICALLY COMPACT EXCAVATED SIDES BACK INTO THE TRENCH AFTER INSTALLATION OF SILT FENCE.
2. SILT FENCE FABRIC SHALL NOT BE STRETCHED AND THE POSTS ARE NOT TO BE DRIVEN THROUGH THE SILT FENCE FABRIC.
3. SLOPE OF ONE SIDE FOR THE SILT FENCE SHALL BE LOCATED ON AN ADJACENT TO THE EXCAVATION AND NOT ON THE OTHER SIDE OF THE EXCAVATION. BELLY NEAR A DROP OFF AREA AS SHOWN ON THE PLAN.

SILT FENCE



HAY BALE DETAIL

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP FOR PLAT 37, LOT 45, AND ITS LOCATION IS AS SHOWN.

DEEP OBSERVATION HOLE #7

DEPTH	SOIL TYPE	PERC. RATE	DATE	WATER DEPTH	DATE	EST. HIGH WATER	WITNESSES	PERFORMED BY
0	Ap SANDY LOAM 15YR 3/2 LOOSE, GRANULAR	51'	10/29/15	33"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
12"	Ba SANDY LOAM 10YR 4/6 MASSIVE, FRIABLE	2	4/25/16	33"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
21"	B/C COARSE LOAMY SAND 25YR 4/3 5-10% COARSE DIST. 10YR 3/6 LOOSE, GRANULAR MOTTLED @ 2"	2	4/25/16	33"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
39"	C1 COARSE SAND 25YR 4/3 5-10% COARSE DIST. 15YR 4/6 LOOSE, GRANULAR	2	4/25/16	33"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
100'								

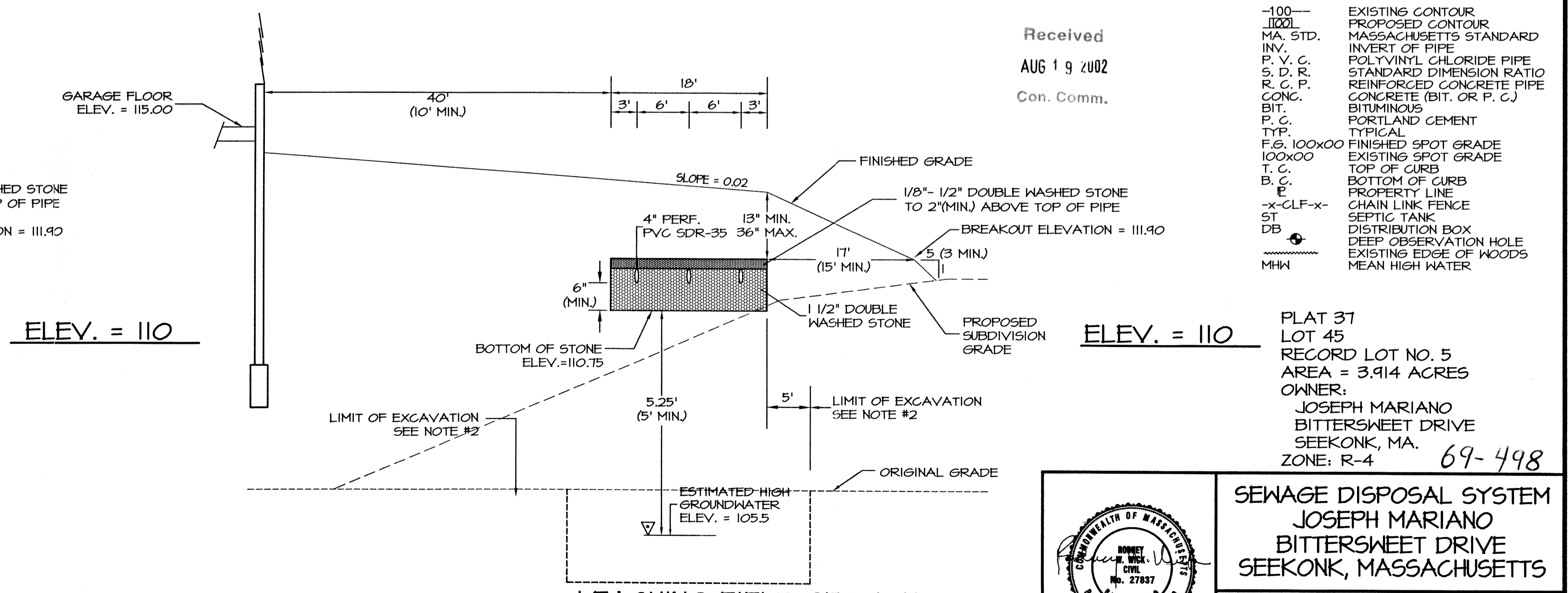
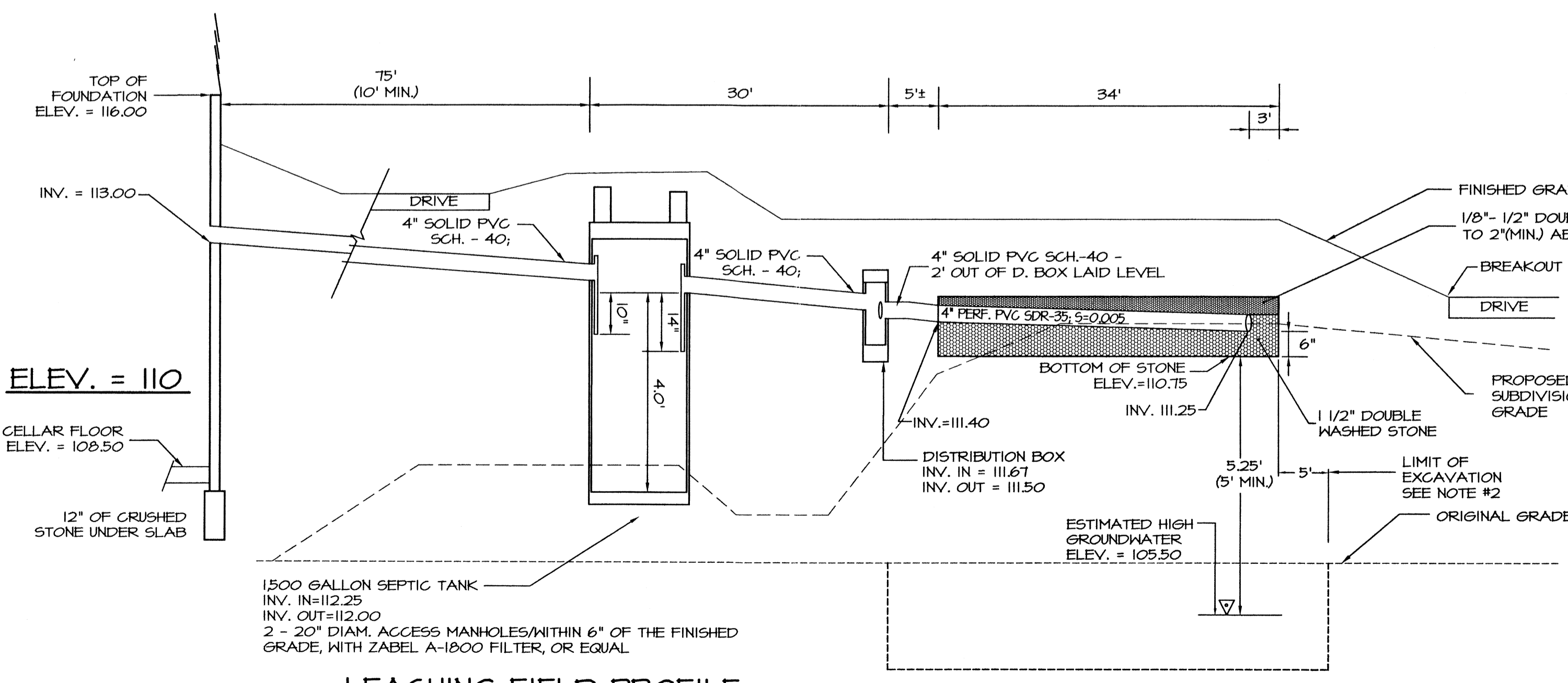
DEEP OBSERVATION HOLE #8

DEPTH	SOIL TYPE	PERC. RATE	DATE	WATER DEPTH	DATE	EST. HIGH WATER	WITNESSES	PERFORMED BY
0	Ap SANDY LOAM 15YR 3/2 LOOSE, GRANULAR	60'	10/29/15	64"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
10"	Ba FINE SANDY LOAM 10YR 4/4 MASSIVE, FRIABLE	2	10/29/15	64"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
20"	C COARSE SAND 25YR 4/3 5-10% COARSE DIST. 10YR 3/6 @ 0.4" BLACK CEMENTED LAYER LOOSE, GRANULAR	2	10/29/15	64"	10/29/15	2' 6" (102.5)	MR. CHENEVERT, CAPUTO AND WICK	MR. CAPUTO AND WICK
100'								

- EROSION AND SEDIMENTATION CONTROL**
- 1) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
 - 2) ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
 - 3) HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
 - 4) NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
 - 5) NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
 - 6) ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOANED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
 - 7) EXISTING LAWN AREAS TO BE MAINTAINED AS SHOWN.
 - 8) APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFF SITE FROM CONSTRUCTION EQUIPMENT.
 - 9) ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.

LEGEND

-100-	EXISTING CONTOUR
1000	PROPOSED CONTOUR
MA, STD.	MASSACHUSETTS STANDARD
INV.	INVERT OF PIPE
P. V. C.	POLYVINYL CHLORIDE PIPE
S. D. C.	STANDARD DIMENSION RATIO
R. C. P.	REINFORCED CONCRETE PIPE
CONC.	CONCRETE (BIT. OR P. C.)
BIT.	BITUMINOUS
P. C.	PORTLAND CEMENT
TYP.	TYPICAL
F.G. 100X00	FINISHED SPOT GRADE
100X00	EXISTING SPOT GRADE
T. C.	TOP OF CURB
B. C.	BOTTOM OF CURB
E	PROPERTY LINE
-X-CLF-X-	CHAIN LINK FENCE
ST	SEPTIC TANK
DB	DISTRIBUTION BOX
○	DEEP OBSERVATION HOLE
MHW	EXISTING EDGE OF WOODS MEAN HIGH WATER



SEWAGE DISPOSAL SYSTEM
JOSEPH MARIANO
BITTERSWEET DRIVE
SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD.
1150 PAWTUCKET AVE.
RUMFORD, R.I. 02916
401-434-8880

DATE: JUNE 12, 2002
SHEET: 1 OF 1