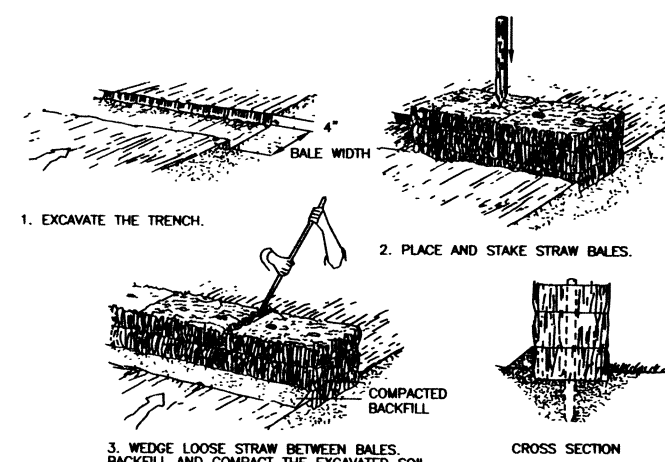


EROSION & SEDIMENTATION CONTROL

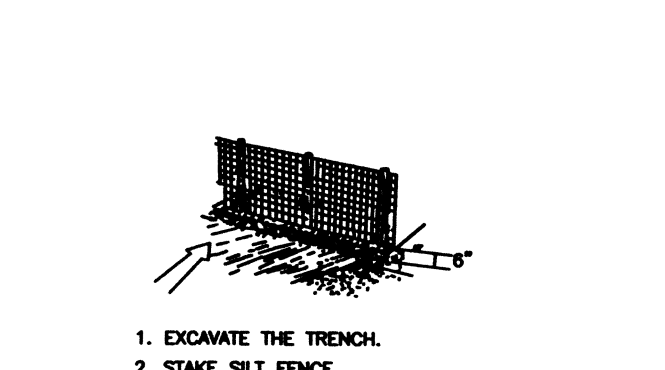
1. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2. ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
3. HAY BALES SHOULD 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 DISCOURSED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOADED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
7. APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFFSITE FROM CONSTRUCTION EQUIPMENT.
8. 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.
9. THE SPLIT RAIL FENCE SERVES AS THE LIMIT OF LAWN AND FUTURE YARD ACTIVITIES AND SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION.

NOTES:

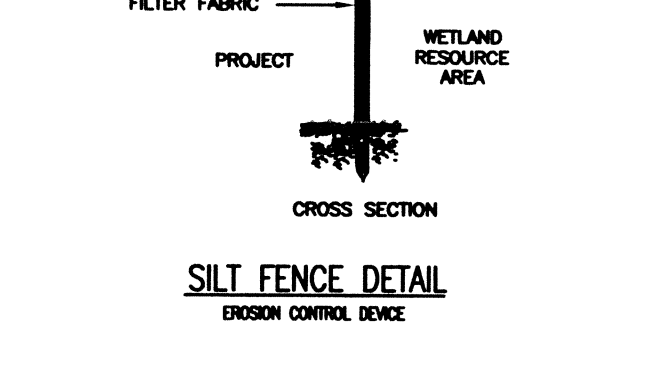
1. MASSACHUSETTS NATURAL HERITAGE AND ENDANGERED SPECIES PROGRAM PRIORITY AND ESTIMATED HABITAT POLYGONS NOT PRESENT WITHIN PROPERTY LIMITS, AS MAPPED IN THE MASSACHUSETTS NATURAL HERITAGE ATLAS, 11TH EDITION.
2. THIS PARCEL DOES NOT LIE WITHIN A 100 YEAR FLOOD HAZARD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP OF THE TOWN OF SEEKONK ON COMMUNITY PLAN NO. 250063 0005 A DATED SEPTEMBER 5, 1979.



HAY BALE DETAIL

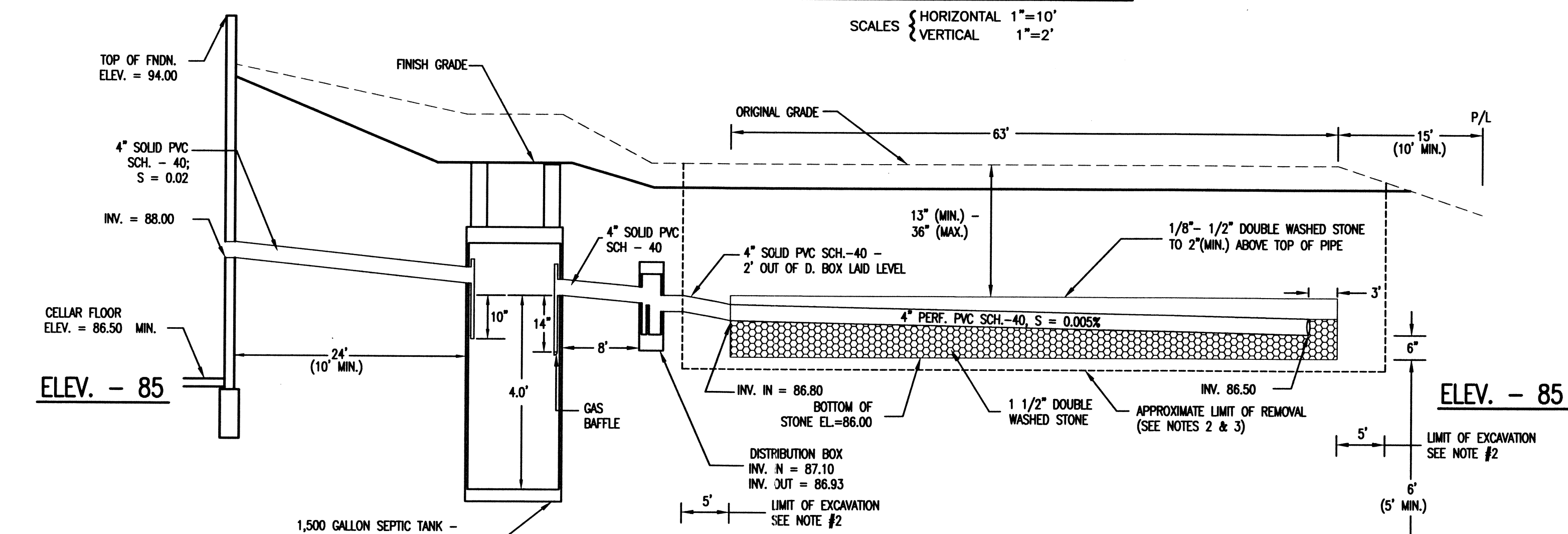


SILT FENCE DETAIL



LEACHING FIELD SECTION

SCALES: HORIZONTAL 1"=10'
VERTICAL 1"=2'



LEACHING FIELD PROFILE

SCALES: HORIZONTAL 1"=10'
VERTICAL 1"=2'

1,500 GALLON SEPTIC TANK - INV. IN = 87.50
INV. OUT = 87.25
2 - 20" DIAM. ACCESS MANHOLES TO FINISHED GRADE, WITH ZABEL A-1000 FILTER, OR EQUAL. INSTALL INLET AND OUTLET TEES.

CELLAR FLOOR ELEV. = 86.50 MIN.

ELEV. - 85

TOP OF FIND. ELEV. = 94.00

FINISH GRADE

ORIGINAL GRADE

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

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LIMIT OF EXCAVATION SEE NOTE #2

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

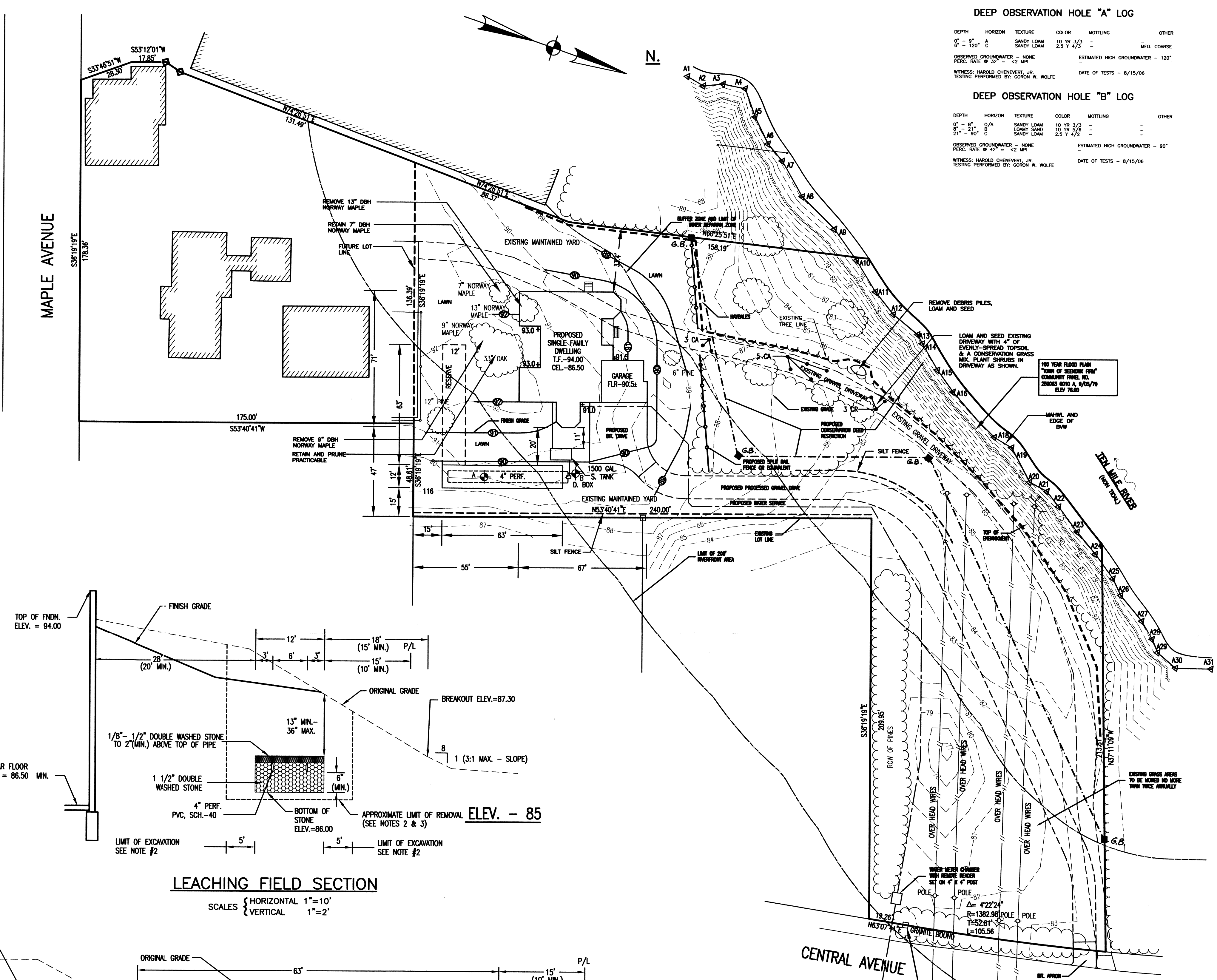
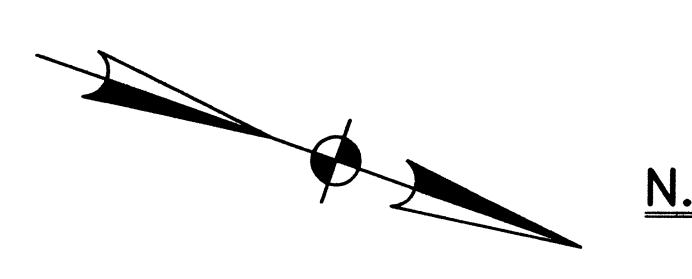
APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)

LIMIT OF EXCAVATION SEE NOTE #2

APPROXIMATE LIMIT OF REMOVAL (SEE NOTES 2 & 3)



PLAN

SCALE: 1" = 30'

BENCHMARK
TOP OF GRANITE BOUND
ELEV. = 83.50
APPROXIMATE NGVD 29 DATUM

DRIVEWAY RESTORATION PLANTING SCHEDULE

8 CA AMERICAN HAZELNUT/OR BEAKED HAZELNUT/OR NANNYBERRY/OR ALTERNATE-LEAVED DOGWOOD	CORYLUS AMERICANA CORYLUS CORNUTA VIBURNUM LENTAGO CORNUS ALTERNIFOLIA	3-4' MIN B&B
3 CR GRAY-STEMMED DOGWOOD	CORNUS RACEMOSA	3-4' MIN B&B

DEEP OBSERVATION HOLE "A" LOG

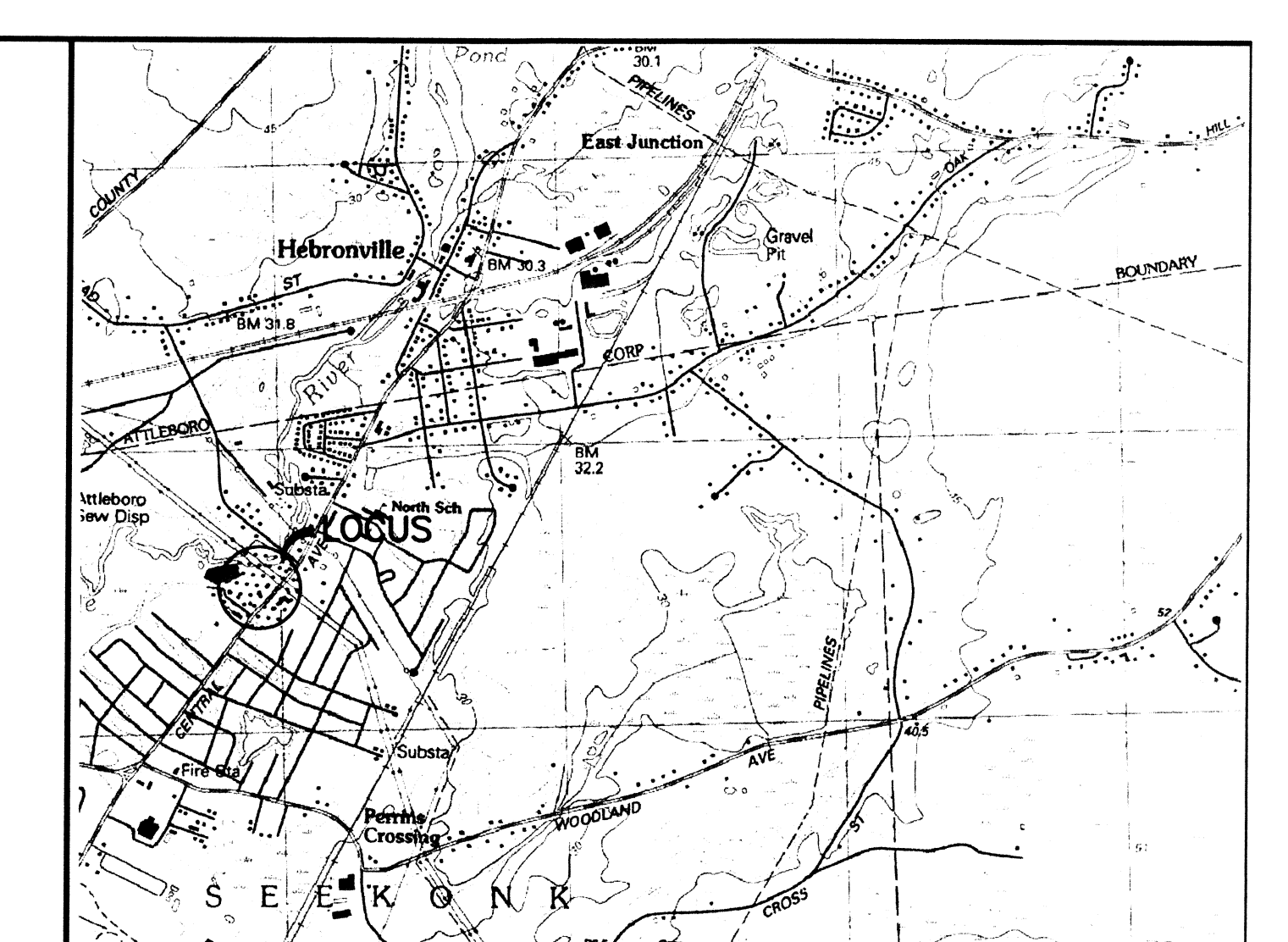
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	OTHER
0' - 8"	A	SANDY LOAM	10 YR 3/3	-	MED. COARSE
8" - 120"	C	SANDY LOAM	2.5 Y 4/2	-	

OBSERVED GROUNDWATER = NONE
PERC. RATE @ 30" = <2 MPD
ESTIMATED HIGH GROUNDWATER = 120"
WITNESS: HAROLD CHENEVERT, JR.
TESTING PERFORMED BY: GORAN W. WOLFE
DATE OF TESTS = 8/15/06

DEEP OBSERVATION HOLE "B" LOG

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	OTHER
0' - 8"	D/A	SANDY LOAM	10 YR 3/3	-	
8" - 21"	B	SANDY LOAM	2.5 Y 4/2	-	

OBSERVED GROUNDWATER = NONE
PERC. RATE @ 30" = <2 MPD
ESTIMATED HIGH GROUNDWATER = 90"
WITNESS: HAROLD CHENEVERT, JR.
TESTING PERFORMED BY: GORAN W. WOLFE
DATE OF TESTS = 8/15/06



LOCATION MAP

SCALE: 1" = 2000'

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.) STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL, TREE ROOTS AND STUMPS AND ANY OTHER IMPROPERLY DEPOSITED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET BEYOND HORIZONTALLY IN ALL DIRECTIONS, WHERE POSSIBLE. STRIP MATERIAL VERTICALLY 3" MINIMUM INTO THE C HORIZON. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310CMR15.255.
- 3.) THE CONTRACTOR IS TO REMOVE ALL UNSUITABLE MATERIAL BELOW THE PROPOSED SOIL ABSORPTION SYSTEM PRIOR TO INSTALLATION. SEE DEEP OBSERVATION HOLES SOIL DATA FOR FURTHER INFORMATION.
- 4.) ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
- 5.) PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK, PUMP CHAMBER AND DISTRIBUTION BOX.
- 6.) IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION. IF IN DOUBT, ASK.
- 7.) GARAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
- 8.) INLET AND OUTLET TEES FOR SEPTIC TANK ARE TO BE LOCATED DIRECTLY BELOW ACCESS COVERS.
- 9.) SEPTIC TANK AND PUMP CHAMBER SHALL BE DESIGNED FOR HS-20-44 LOADING.
- 10.) IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH.
- 11.) BREAKOUT ELEVATION = 87.30. NO FINISHED GRADE BELOW 87.30 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
- 12.) CONTRACTOR SHALL CONTACT "SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE. ALL STONE USED FOR CONSTRUCTION OF THE SOIL ABSORPTION SYSTEM MUST BE DOUBLE WASHED AS SPECIFIED BY 310 CMR 15.247. ACTUAL STONE MATERIAL MAY ALSO BE SUBJECT TO APPROVAL BY THE DESIGN ENGINEER AND/OR SEEKONK HEALTH AGENT.
- 13.) MATERIAL AND EQUIPMENT FROM ALTERNATE MANUFACTURERS MAY BE USED IF EQUAL. APPROVAL FOR ALTERNATE MATERIAL AND/OR EQUIPMENT REQUIRED FROM DESIGNER AND THE TOWN PRIOR TO CONSTRUCTION. FULL SPECIFICATIONS FOR ALTERNATE EQUIPMENT MUST BE PROVIDED BY CONTRACTOR.
- 14.) 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.
- 15.) THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE INSTALLATION AND CONSTRUCTION OF THE SYSTEM.
- 16.) 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.
- 17.) 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.
- 18.) SYSTEM IS TO BE CONSTRUCTED BY AN INSTALLER LICENSED BY THE SEEKONK BOARD OF HEALTH.
- 19.) FILL MEETING THE REQUIREMENTS OF 310 CMR 15.255(3) MUST BE PLACED ON SCARIFIED, RELATIVELY DRY NATURAL SOIL. THE CONTRACTOR SHALL PROVIDE FOR DENATURING AS REQUIRED AND ALL WORK SHALL BE PERFORMED UNDER DRY CONDITIONS PER 310 CMR 15.255(6). THE DISCHARGE WATER MUST BE FILTERED THROUGH A "DANDY DENATURING BAG", OR EQUAL, PRIOR TO ENTERING A PUBLIC ROADWAY STORM DRAINAGE SYSTEM.

DESIGN DATA

DAILY SEWAGE FLOW
4 BEDROOMS
DAILY FLOW = 110 GAL./BEDROOM = 440 GALLONS PER DAY

SEPTIC TANK REQUIREMENTS
VOLUME = 2 x DAILY FLOW = 880 GALLONS
1,500 GALLON SEPTIC TANK

LEACHING AREA REQUIREMENTS
PERCOLATION RATE = <2 MINUTES PER INCH
DESIGN FOR 5 MINUTES PER INCH - SOIL TEXTURE CLASS - II
EFFLUENT LOADING RATE = 0.74 GALLONS PER SQUARE FOOT
SIDEWALL AREA = 0 SQUARE FEET (FIELD)
BOTTOM AREA = 12' x 63' = 756 SQUARE FEET
TOTAL LEACHING AREA = 756 SQUARE FEET
TOTAL LEACHING CAPACITY = 756 S.F. x 0.74 GAL/DAY/S.F. = 559 GAL/DAY > 440 GPD

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP TO A.P. 32-LOT 57 AND IT IS NOT INSTALLED. THE WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEEKONK WATER DISTRICT.

LEGEND

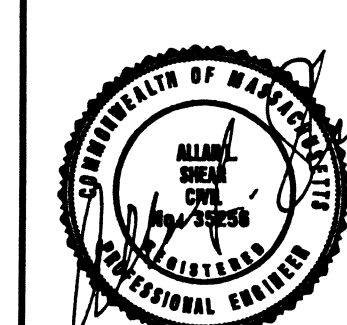
- 100- EXISTING CONTOUR
- 000- PROPOSED CONTOUR
- MA. STD. INV. MASSACHUSETTS STANDARD
- INVERT OF PIPE
- P. V. C. POLYVINYL CHLORIDE PIPE
- S. D. R. STANDARD DIMENSION RATIO
- R. C. P. REINFORCED CONCRETE PIPE
- CONC. BIT. BITUMINOUS (BIT. OR P. C.)
- P. C. PORTLAND CEMENT
- TYP. TYPICAL
- F.G. 100x000 FINISHED SPOT GRADE
- 100x000 EXISTING SPOT GRADE
- T. C. TOP OF CURB
- B. C. BOTTOM OF CURB
- P. C. PROPERTY LINE
- X-CLF-X- CHAIN LINK FENCE
- ST-DB SEPTIC TANK
- DEEP OBSERVATION HOLE
- GRANITE BOUND TO BE SET

LOT INFORMATION

ASSESSORS PLAT NO. 32
LOT 57
OWNER: RONALD AND JOSEPHINE CINQ-MARS
19 MAPLE AVENUE
SEEKONK, MASSACHUSETTS 02771
ZONE: R-1

NOTICE OF INTENT SUBMISSION

69-615
SITE PLAN PREPARED FOR
SCOTT AND NELIA CINQ-MARS
A.P. 32 - LOT 57
MAPLE AVENUE
SEEKONK, MASSACHUSETTS
CAPUTO AND WICK LTD.
1150 PAWTUCKET AVE.
RUMFORD, R.I. 02916
401-434-8880
DATE: MAY 2, 2007
SHEET: 1



REV. 6/18/07