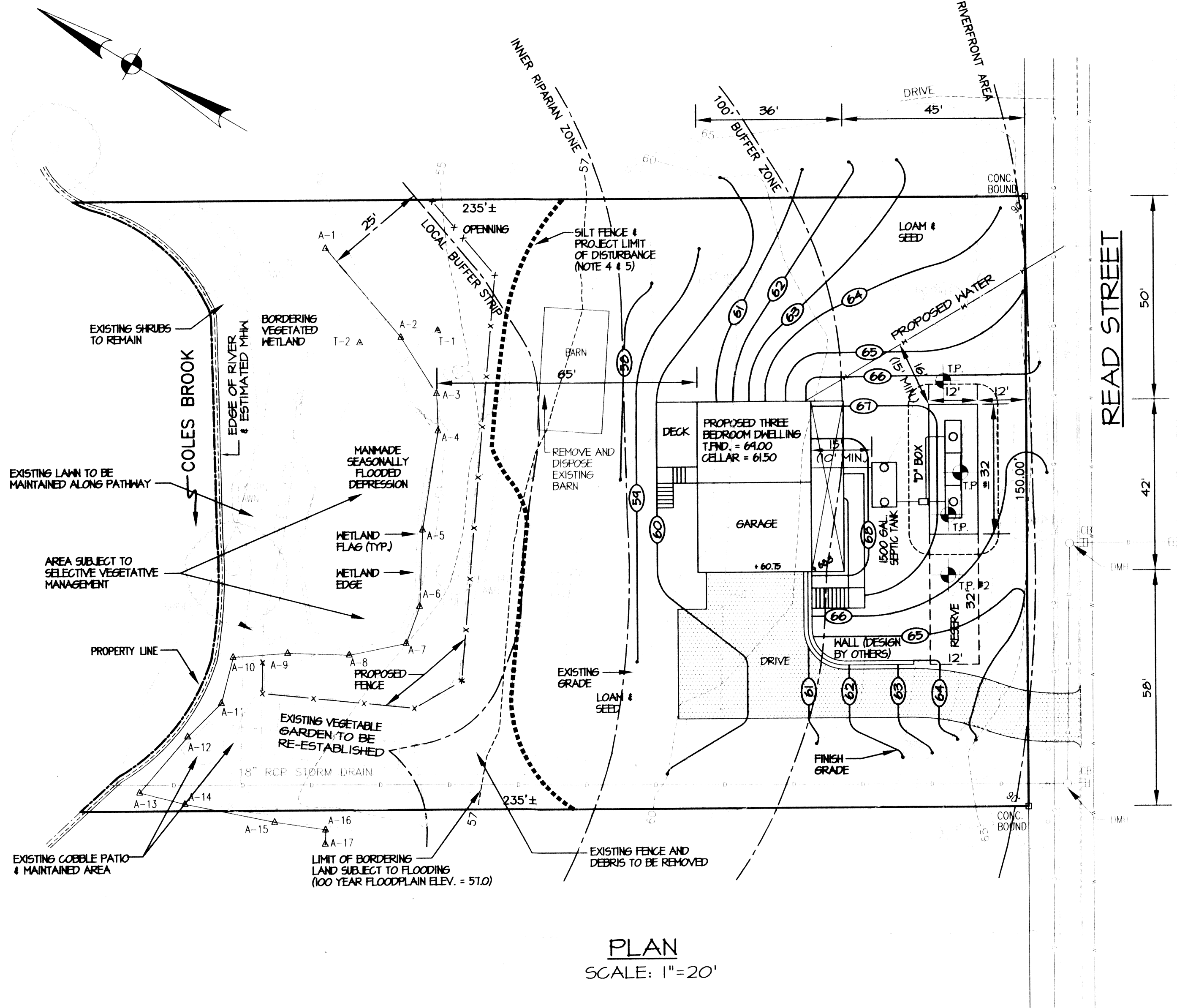
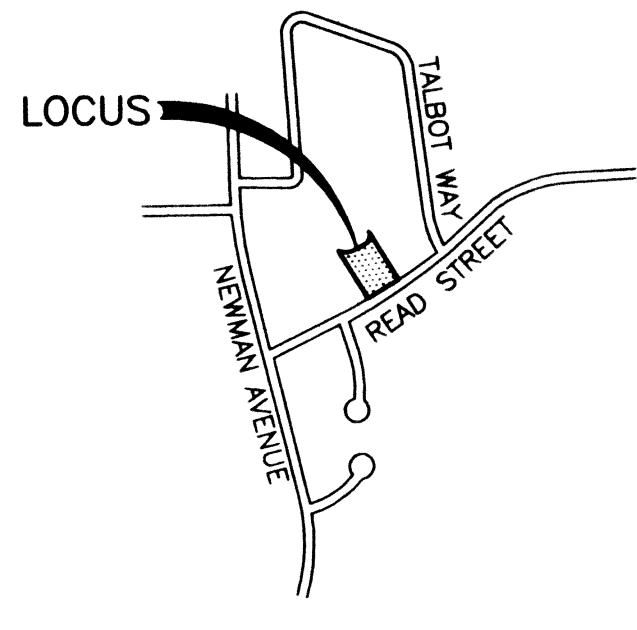


N



BENCH MARK
SPIKE SET IN POLE
NO. 2555
ELEV. = 68.11 (M.S.L.)



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, AT LEAST 12" INTO THE G1 HORIZON (A MINIMUM OF 53" TO 56" BELOW EXISTING GRADE) TREE ROOTS AND STUMPS AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET BEYOND IN ALL DIRECTIONS, WHERE POSSIBLE. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310CMR15.255(3).
- 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. BEFORE PROCEEDING WITH CONSTRUCTION.
- 6) GARAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
- 7) IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED THICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH.
- 8) BREAK-OUT ELEVATION = 65.00 NO FINISHED GRADE BELOW 65.00 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) ALL STONE USED FOR CONSTRUCTION OF THE SOIL ABSORPTION SYSTEM MUST BE DOUBLE WASHED AS SPECIFIED BY 310 CMR 15.241. ACTUAL STONE MATERIAL MAY ALSO BE SUBJECT TO APPROVAL BY THE DESIGN ENGINEER AND/OR SEEKONK HEALTH AGENT.
- 12) 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.

DESIGN DATA

DAILY SEWAGE FLOW
PROPOSED BEDROOMS = THREE
PERG. RATE = 3 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 - I
EFFLUENT LOADING RATE = 0.14 GAL. PER 5 F.
SIDEHALL AREA = 2 SIDES X 2' DEEP X 32' LONG = 128 SQUARE FEET
= 2 SIDES X 2' DEEP X 12' LONG = 48 SQUARE FEET
BOTTOM AREA = 12' WIDE X 32' LONG = 384 SQUARE FEET
TOTAL LEACHING CAPACITY = 560 S. F. x 0.14 GAL./DAY/S. F. = 414 GAL./DAY x 330 GPD

DEEP OBSERVATION HOLE #1

0'	A	FILL
38"	B	S.L. 10 YR 6/4
41"	C1	S.L. 25 YR 6/4
	C2	MOTTLING 42" - 10YR 6/8
96"		SILT LOAM
	G2	SILT LOAM 25 Y 5/1
156"		

PERG. DEPTH: 63" (ELEV. = 10.00)
PERG. RATE: 3 MINUTES PER INCH
DATE: AUGUST 28, 2001
WATER DEPTH: DRY @ 120"
DATE: AUGUST 28, 2001
EST. HIGH GR: 42" (ELEV. = 58.5)
WITNESS: MR. CHEEVER
PERFORMED BY: DEAN MONSEES

DEEP OBSERVATION HOLE #2

0'	A	FILL
24"	A	S.L. 10 YR 2/1
34"	B	S.L. 10 YR 6/4
	C1	MOTTLING 38" - 10YR 6/8
44"	C1	S.L. 25 Y 6/4
108"	G2	SILT LOAM 25 Y 5/1
120"		

PERG. DEPTH: 60" (ELEV. = 68.08)
PERG. RATE: 3 MINUTES PER INCH
DATE: AUGUST 28, 2001
WATER DEPTH: DRY @ 120"
DATE: AUGUST 28, 2001
EST. HIGH GR: MOTTLING @ 38" (ELEV. = 58.5)
WITNESS: MR. CHEEVER
PERFORMED BY: DEAN MONSEES

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 LOAMED 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.

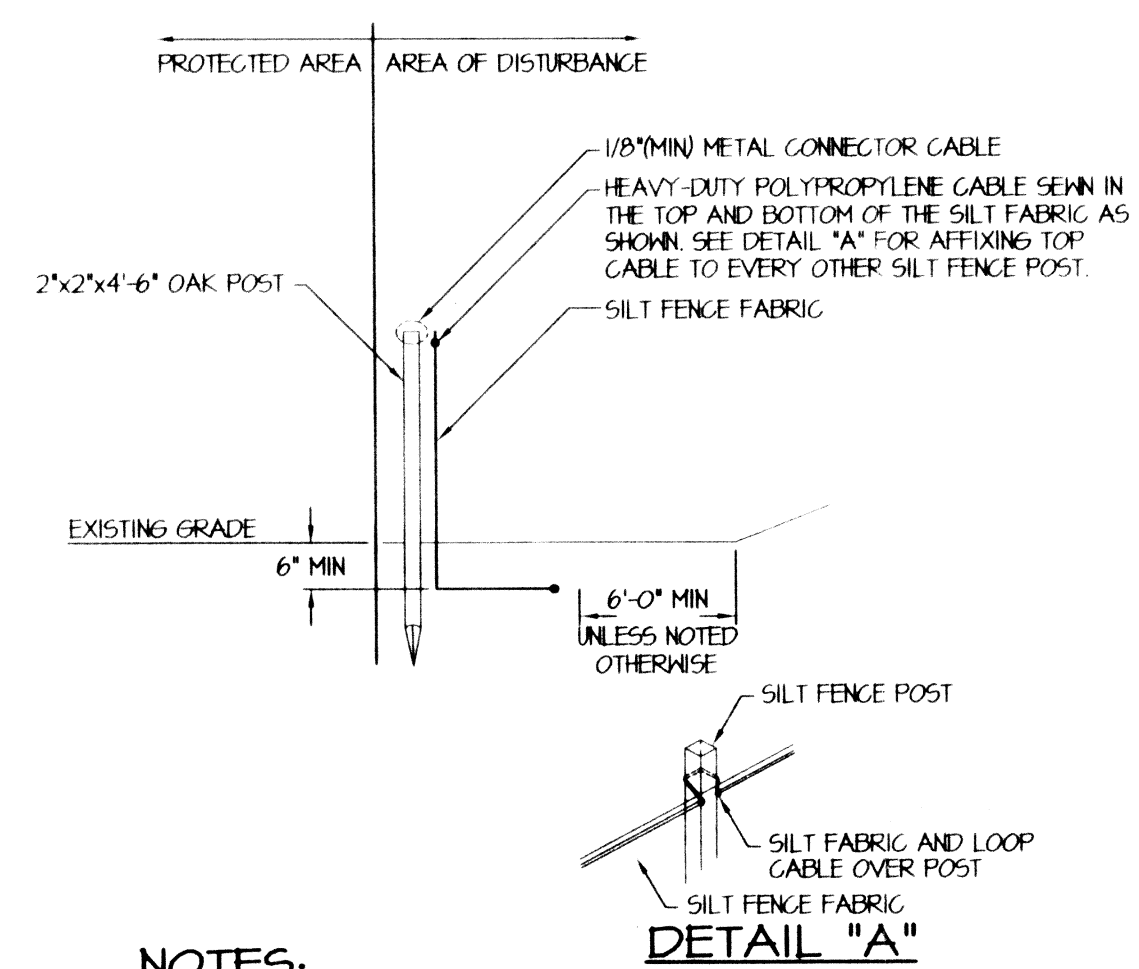
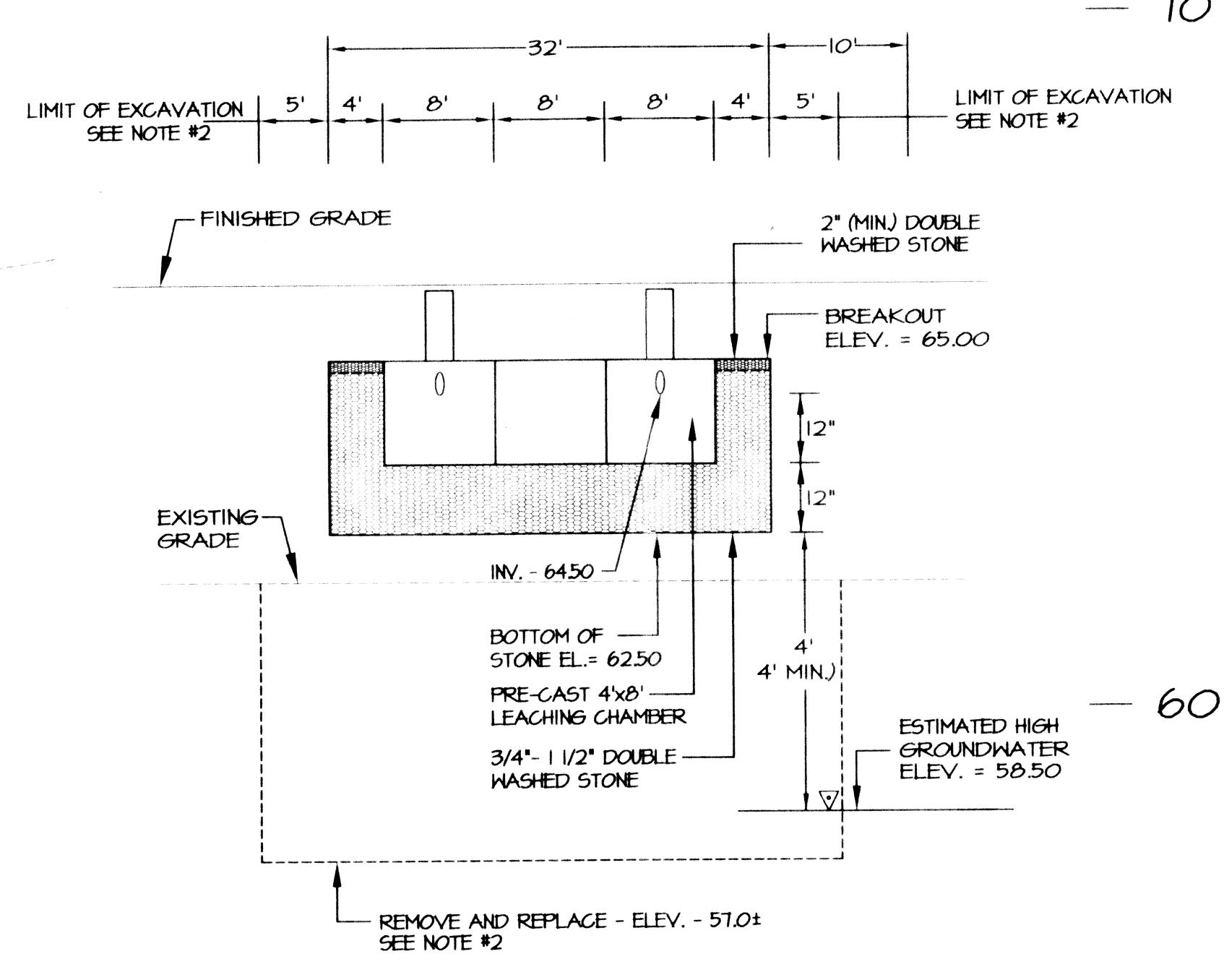
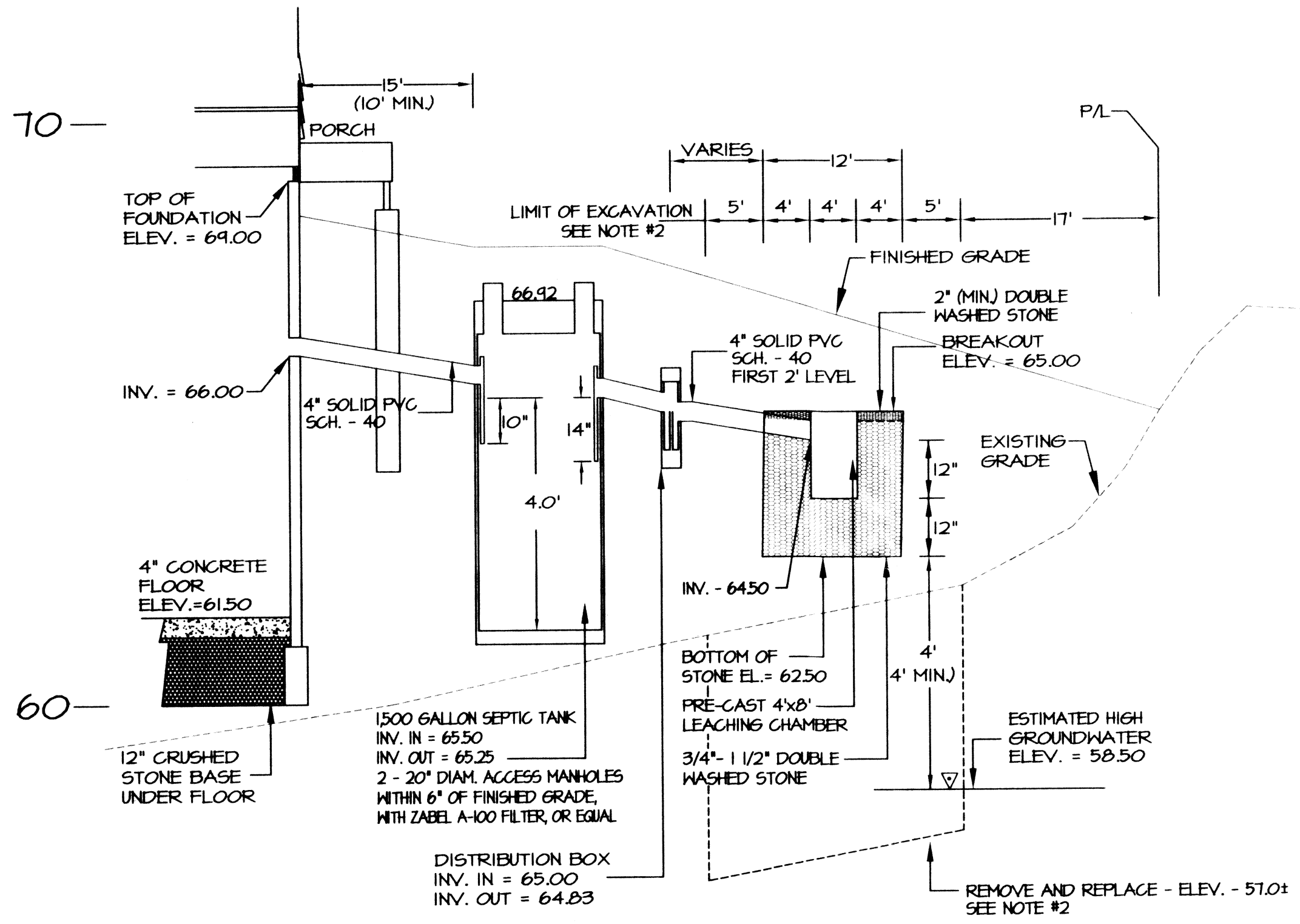
I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP FOR PLAT 24, LOT 595, AND ITS LOCATION IS AS SHOWN.

LEGEND

- 100- EXISTING CONTOUR
- 1000- PROPOSED CONTOUR
- MA, STD. MASSACHUSETTS STANDARD
- INV. INVERT OF PIPE
- P. V. C. POLYVINYL CHLORIDE PIPE
- S. D. R. STANDARD DIMENSION RATIO
- R. C. P. REINFORCED CONCRETE PIPE
- CONC. CONCRETE (BIT. OR P. C.)
- BIT. BITUMINOUS
- P. C. PORTLAND CEMENT
- TYP. TYPICAL
- F-5, 100x100 FINISHED SPOT GRADE
- 10x100 EXISTING SPOT GRADE
- T. C. TOP OF CURB
- B. C. BOTTOM OF CURB
- P. PROPERTY LINE
- x-CLF-x- CHAIN LINK FENCE
- ST SEPTIC TANK
- DB DISTRIBUTION BOX
- DO DEEP OBSERVATION HOLE
- EW EXISTING EDGE OF WOODS
- MHW MEAN HIGH WATER

ZONING INFORMATION

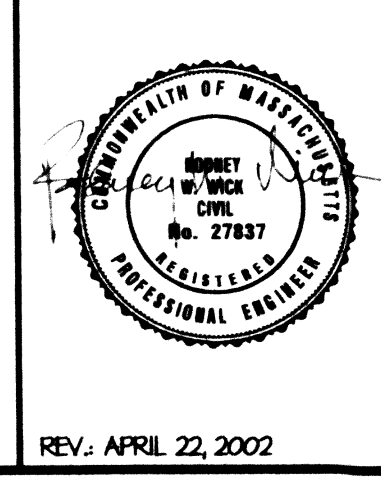
ASSESSOR'S PLAT 24
LOT 595
ZONE: R-2
SETBACKS:
FRONT YARD: 35'
SIDE YARD: 20' 4" PER STORY
BACK YARD: 50'
MAXIMUM HEIGHT: 3 STORIES OR 40 FEET
AREA: 33,100 S.F.
69-492



NOTES:

- 1) THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO THE TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES.
- 2) SILT FENCE FABRIC SHALL NOT BE SLIT AND THE POSTS ARE NOT TO BE DRIVEN THROUGH THE SILT FENCE FABRIC.
- 3) 2"x2"x4" OAK STAKE FOR THE SILT FENCE SHALL BE LOCATED ON 8'-0" MAXI CENTERS IN A WETLAND AREA AND 4'-0" MAXI CENTERS IN A WETLAND RAVINE, GULLY AND/OR A DROP OFF AREA AS SHOWN ON THE PLANS.

SILT FENCE



SEWAGE DISPOSAL SYSTEM
DAVID AND KAREN ABBOTT
READ STREET
SEEKONK, MASSACHUSETTS

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

DATE: MARCH 18, 2002
SHEET: 1 OF 1