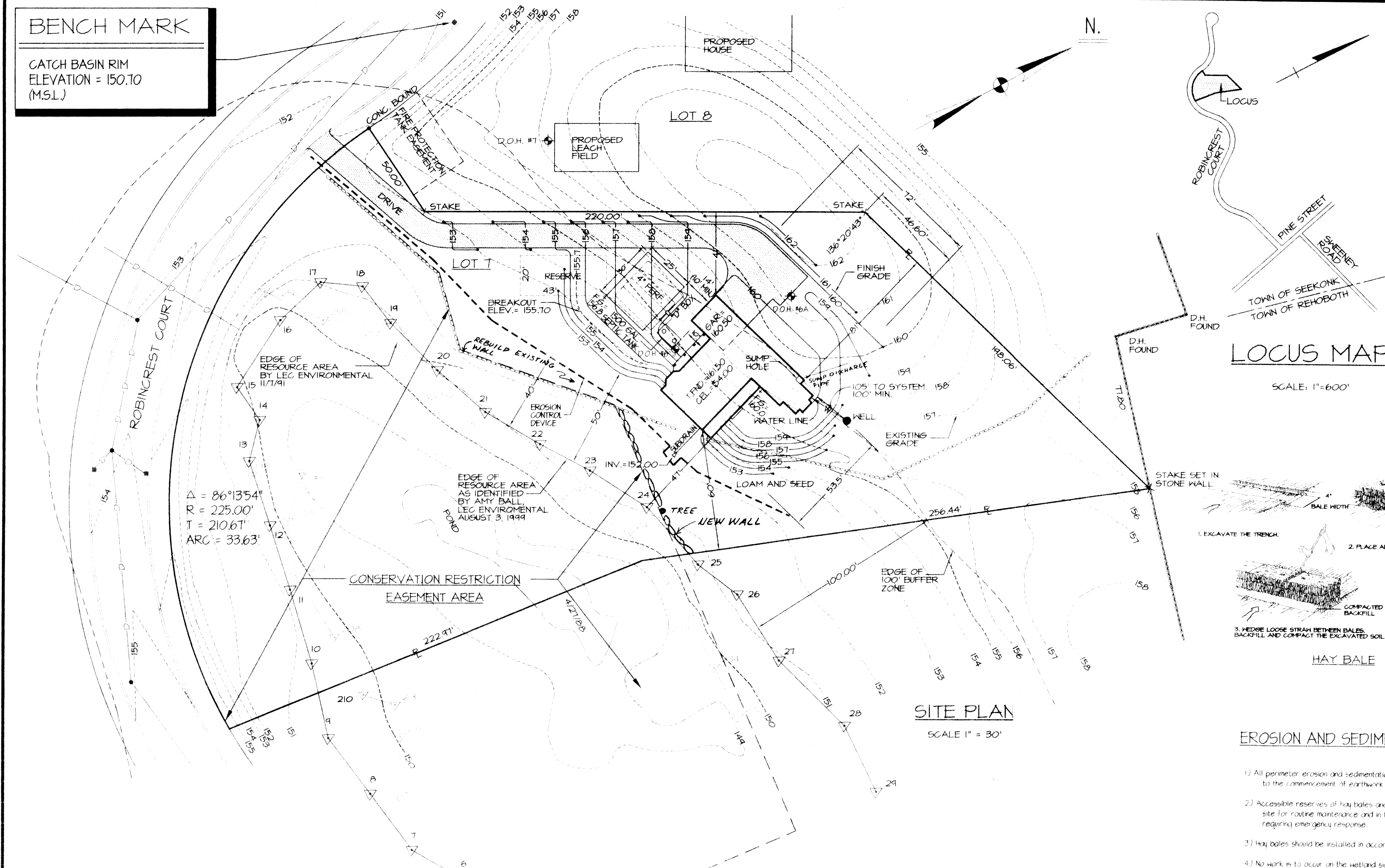


BENCH MARK

CATCH BASIN RIM
ELEVATION = 150.70
(MSL)



NOTES:

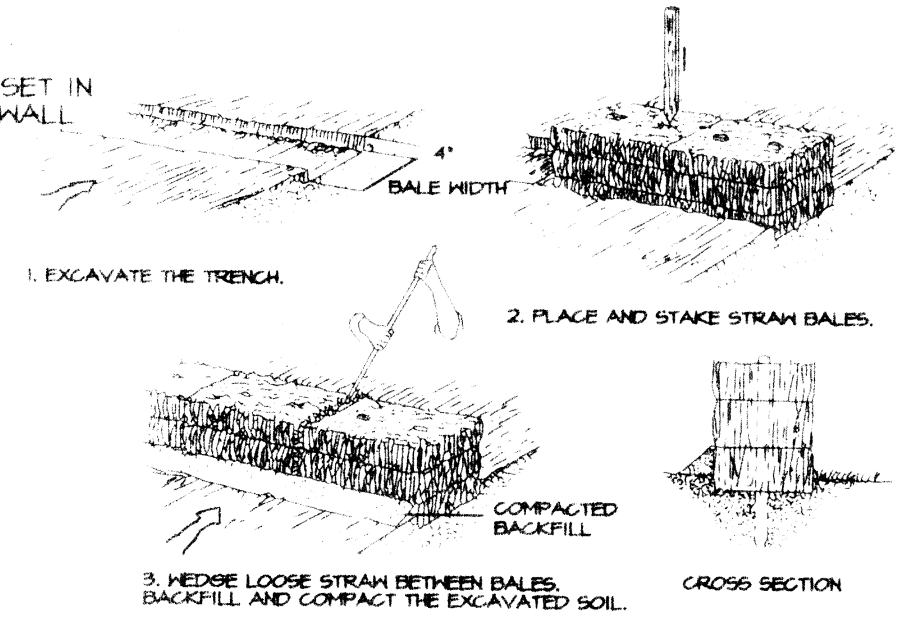
- 1) ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE - TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
- 2) STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL, TREE ROOTS AND STUMPS AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET 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. ALL STRUCTURES AND CASTINGS TO BE RATED FOR H-20 LOADING.
- 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) GARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
- 7) IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH.
- 8) BREAKOUT ELEVATION = 155.70. NO FINISHED GRADE BELOW 155.70 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 INLET AND OUTLET TEES FOR THE PROPOSED SEPTIC TANK ARE TO BE LOCATED DIRECTLY BELOW THE ACCESS MANHOLE.
- 11) 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.

DESIGN DATA

DAILY SEWAGE FLOW
 PROPOSED BEDROOMS = FOUR
 DAILY FLOW = 110 GAL./DAY/BEDROOM x 4 BEDROOMS = 440 GALLONS PER DAY
 SEPTIC TANK REQUIREMENTS
 VOLUME = 2 x DAILY FLOW = 880 GALLONS - MINIMUM SIZE = 1500 GALLONS
 LEACHING AREA REQUIREMENTS - TRENCH SYSTEM
 PERCOLATION RATE = 6 MINUTES PER INCH - DESIGN FOR 10 MINUTES PER INCH - SOIL TEXTURE CLASS - II
 EFFLUENT LOADING RATE = 0.60 GALLONS PER SQUARE FOOT
 SIDE AREA = N/A
 BOTTOM AREA = 25' LONG X 30' WIDE = 750 SQUARE FEET
 TOTAL LEACHING AREA = 750 SQUARE FEET
 TOTAL LEACHING CAPACITY = 150 S.F. x 0.60 GAL./DAY/S.F. = 450 GAL./DAY = 440 GPD

LOCUS MAP

SCALE: 1"=600'



EROSION CONTROL DEVICE DETAILS

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 HAY BALE POSTS ARE TO BE DRIVEN THROUGH THE SILT FENCE FABRIC.
- 3) 2" x 4" x 6" OAK STAKE FOR THE SILT FENCE SHALL BE LOCATED ON 8'-0" (MAX) CENTERS IN A WETLAND AREA AND 4'-0" (MAX) CENTERS IN A WETLAND REVE. GULLY AND/OR A DROPOFF AREA AS SHOWN ON THE PLAN.

EROSION AND SEDIMENTATION CONTROL

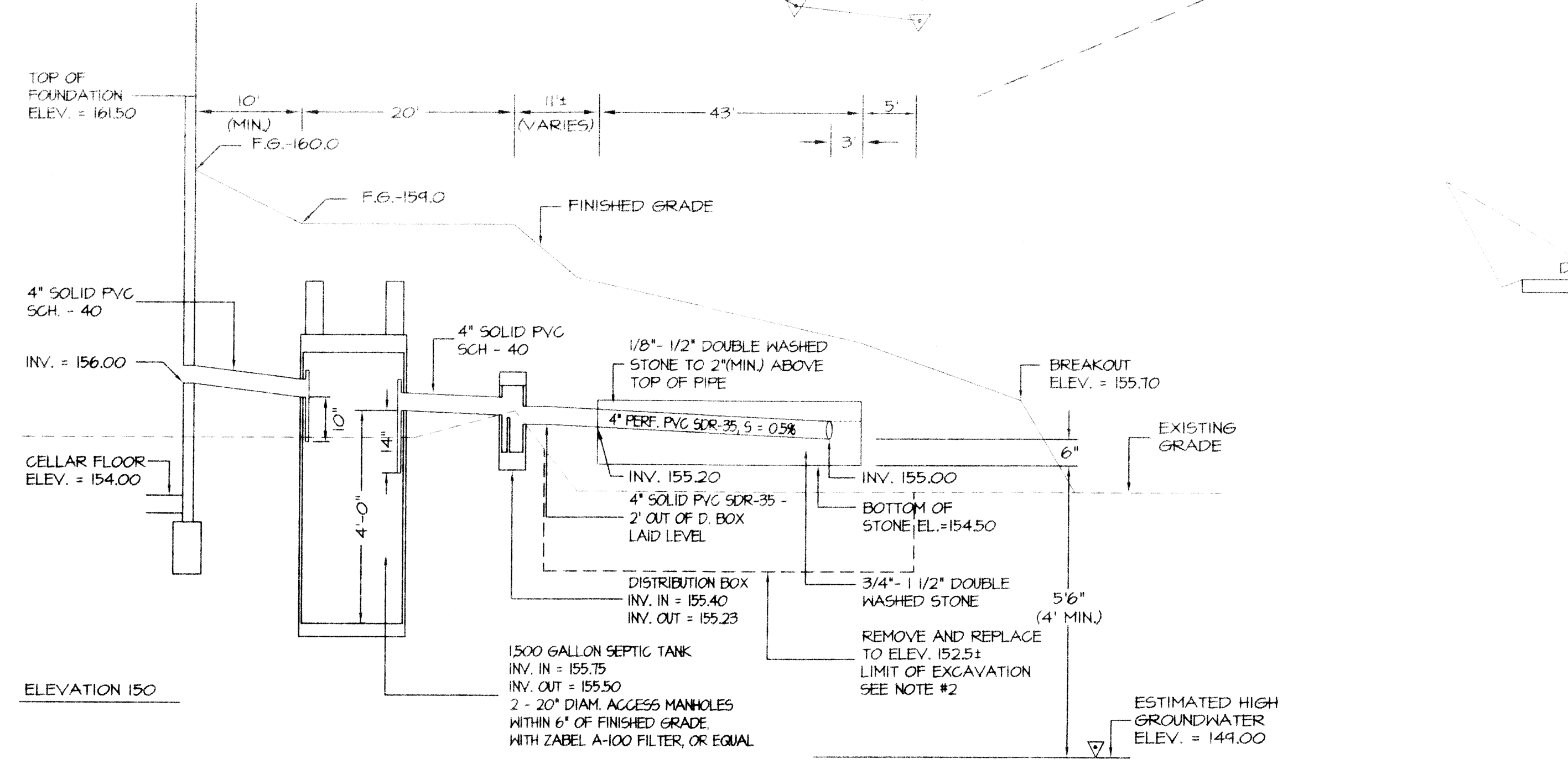
- 1) All perimeter erosion and sedimentation controls must be installed prior to the commencement of earthwork.
- 2) Accessible reserves of hay bales and stakes are to be maintained on site for routine maintenance and in the event of unanticipated problems requiring emergency response.
- 3) Hay bales 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) Appropriate precautions should be taken to prevent the transport of soil off site 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.

DEEP OBSERVATION HOLES

	TEST-6 LOT-7	TEST-6A LOT-7	TEST-7 LOT-8
TOPSOIL AND SUBSOIL	154.3	161.0	158.0
20'	152.3		156.0
MEDIUM SAND AND GRAVEL LITTLE SILT	PERC RATE 6 MIN/INCH	NO SOIL DATA	SILTY SAND AND GRAVEL, LARGE ROCK AT BOTTOM OF HOLE
16'	146.3		149.0
PERC @ 4" = 6 MPF GROUNDWATER AT 8'-0" (ELEV. 146.3) MAY 1, 1994 WITNESS: MANUEL MELLO PERFORMED BY: GORDON WOLFE		PERC @ 4" = 6 MPF GROUNDWATER AT 8'-0" (ELEV. 146.3) MAY 1, 1994 WITNESS: MANUEL MELLO PERFORMED BY: GORDON WOLFE	PERC @ 4" = 6 MPF GROUNDWATER AT 8'-0" (ELEV. 149.0) MAY 1, 1994 WITNESS: MANUEL MELLO PERFORMED BY: GORDON WOLFE
DRY AT 63" (ELEV. 149.0) APRIL 21, 1994 WITNESS: HAROLD CHENEVERT READ BY: GORDON WOLFE		DRY AT 108" (ELEV. 150.2) APRIL 21, 1994 WITNESS: HAROLD CHENEVERT READ BY: GORDON WOLFE	DRY AT 98" (ELEV. 149.0) APRIL 21, 1994 WITNESS: HAROLD CHENEVERT READ BY: GORDON WOLFE

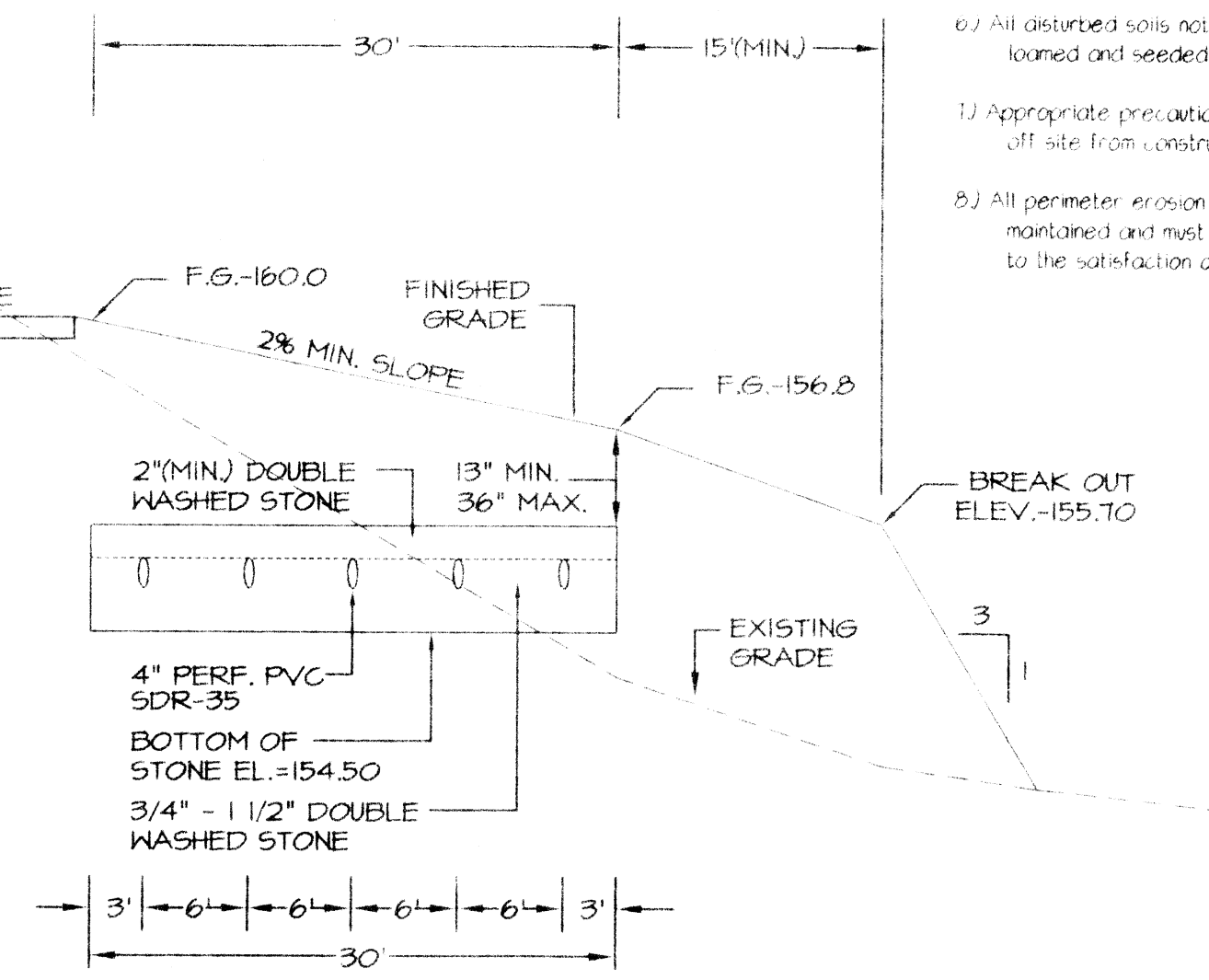
LEGEND

- 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.G. 100X00 FINISHED SPOT GRADE
- 100X00 EXISTING SPOT GRADE
- T.C. TOP OF CURB
- B.C. BOTTOM OF CURB
- PROPERTY LINE
- x-CLF-x- CHAIN LINK FENCE
- ST. SEPTIC TANK
- DB. DISTRIBUTION BOX
- D.O.H. DEEP OBSERVATION HOLE
- EXISTING EDGE OF WOODS



LEACHING FIELD PROFILE

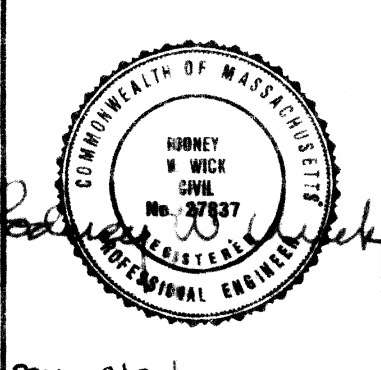
SCALE: HORIZONTAL 1"=10'
VERTICAL 1"=2'



LEACHING FIELD SECTION

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

NOTE:
THE INSTALLATION OF A SUMP PUMP PIT LOCATED IN THE BASEMENT FLOOR IS RECOMMENDED.



SEWAGE DISPOSAL SYSTEM
PETER TROY
ROBINCREST COURT
SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD. DATE: JULY 7, 1999
 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 SHEET: 1 OF 1
 REV. 9/20/99 REV. 3/9/99

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