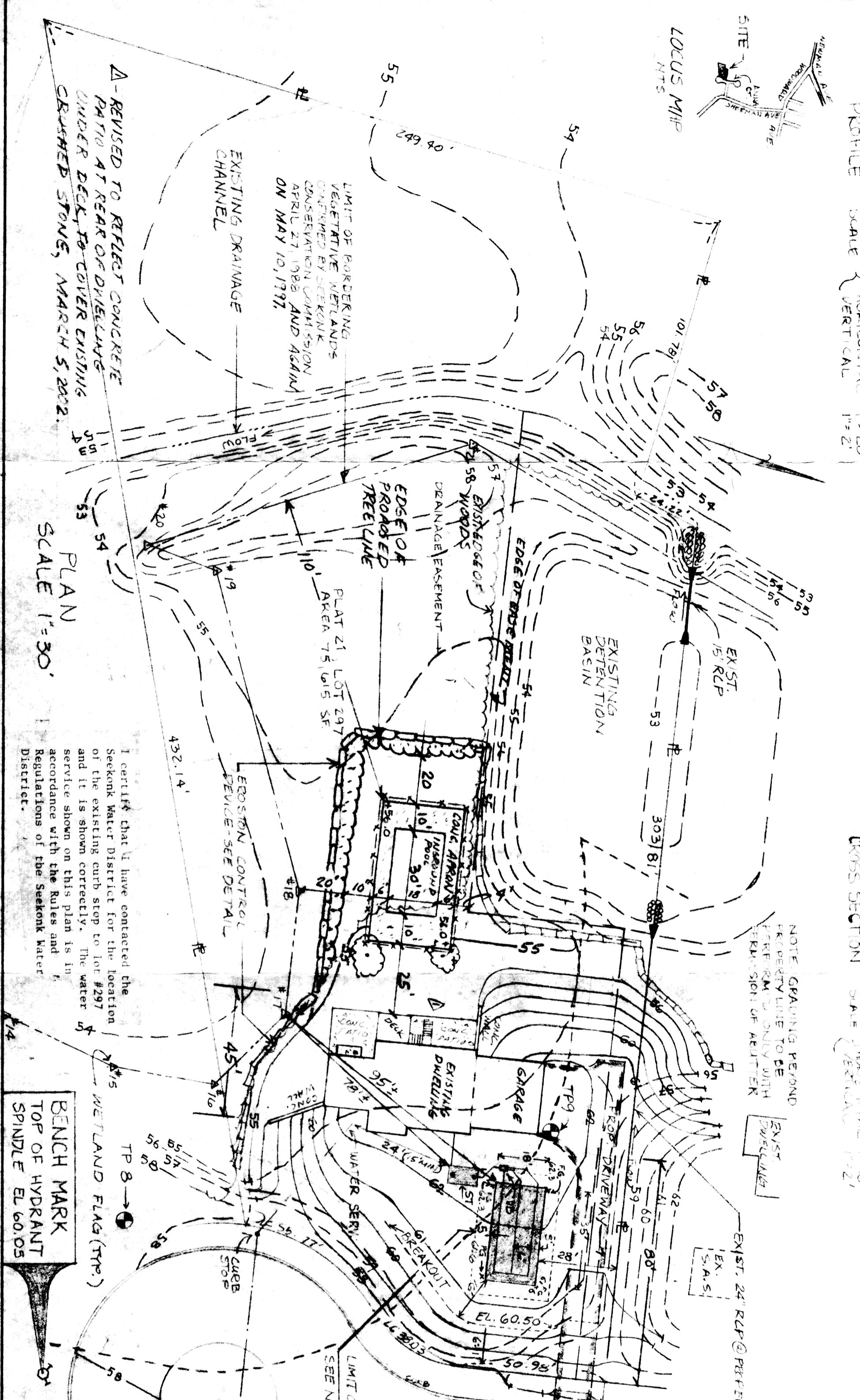
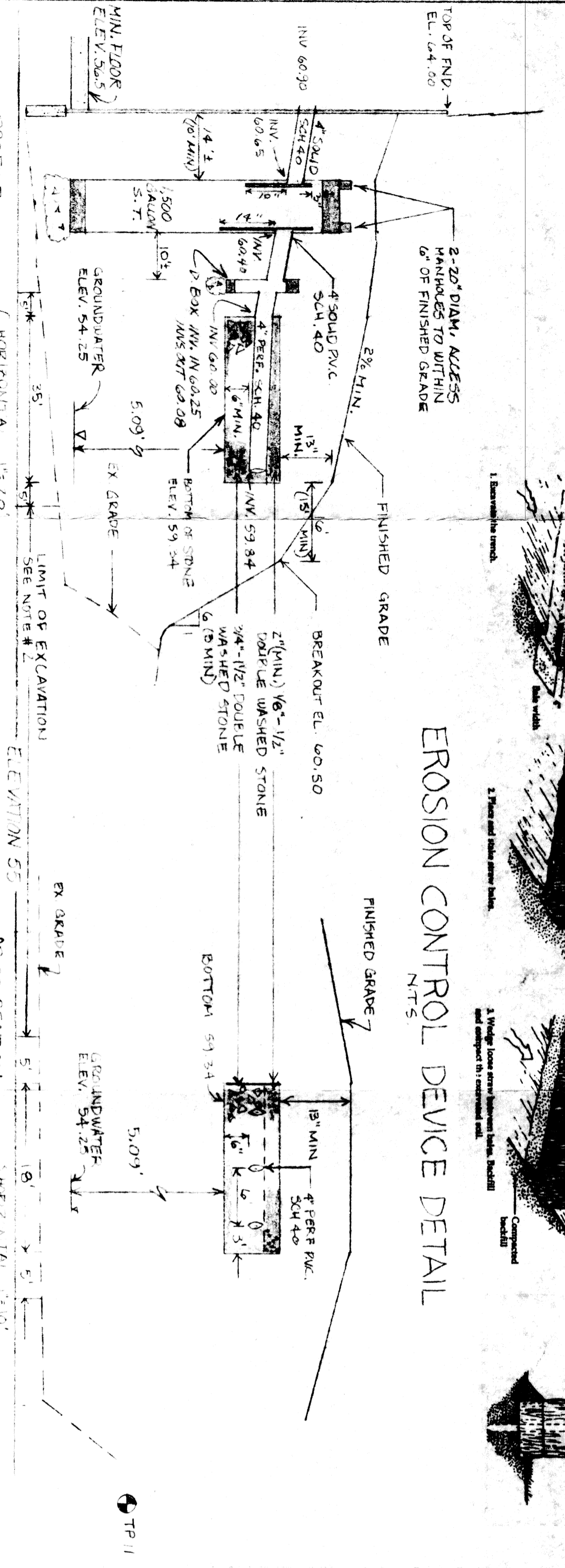


EROSION CONTROL DEVICE DETAIL



NOTES:

- 1) ALL WORK SHALL CONFORM TO THE 310 CUR 15.00 STATE ENGINEERING BOARD OF TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
- 2) STUMP REMOVAL, SUBSOIL AND UNSUITABLE MATERIAL, TREE ROOTS AND STUMPS AND 5 FEET BENEATH OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET BENEATH DEPOSITATIONS OF 310 CUR 15.00(3) SHALL BE REMOVED AND REPLACED WITH GRANULAR FILL TO THE ORIGINAL SURFACE. ALL PIPE TO BE 4" R.V.C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
- 3) PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK AND DISTRIBUTION BOX.
- 4) IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. BEFORE PROCEEDING WITH CONSTRUCTION.
- 5) GARbage GRINDER IS NOT ALLOWED WITH THIS DESIGN. IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH. BREAKOUT ELEVATION = 60.50. NO FINISHED GRADE BELOW 60.50 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.
- 6) ALL DESIGN BY OTHERS.
- 7) DESIGN DATA
- 8) DAILY SEWAGE FLOW: PROPOSED BEDROOMS = FOUR; BATHS = TWO; SEPTIC TANK REQUIRED DAILY FLOW = 880 GALLONS; VOLUME = 2' x 1500 GALLONS; MINIMUM SIZE = 1500 GALLONS.
- 9) LEACHING AREA REQUIREMENTS: PERCOLATION RATE = < 2 MINUTES PER INCH; DESIGN FOR 5 MINUTES PER INCH; SOIL TEXTURE CLASS - I; EFFLUENT LOADING RATE = 0.74 GAL. PER S.F.; SIDEWALL AREA = 0 SQUARE FEET (FIELD); BOTTOM AREA = 3.5' x 15' = 52.5 SQUARE FEET; TOTAL LEACHING CAPACITY = 52.5 S.F. x 0.74 GAL./DAY/S.F. = 40.0 GAL./DAY x 440 GPD = 17,600 GAL./DAY.

LEGEND

- 100 - EXISTING CONTOUR
- 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
- BIT. BITUMINOUS
- F.G. FINISHED SPOT GRADE
- 100/200 EXISTING SPOT GRADE
- ST. SEPTIC TANK
- DB. DEEP OBSERVATION HOLE

TEST PIT "8" LOG
 ORIGINAL GRADE - 55.25
 DEPTH 0 - 14" SOIL DESCRIPTION TOPSOIL COLOR ORANGE - BROWN
 14" - 20" BONEY SAND ORANGE - BROWN
 24" - 120" FINE SAND GRAY
 GROUNDWATER - 30" 4/2/87

TEST PIT "9" LOG
 ORIGINAL GRADE - 55.00
 DEPTH 0 - 12" SOIL DESCRIPTION TOPSOIL COLOR ORANGE - BROWN
 12" - 24" BONEY SAND ORANGE - BROWN
 24" - 120" FINE SAND GRAY
 GROUNDWATER - 9" 4/2/87 & 3/10/92

TEST PIT "11" LOG
 ORIGINAL GRADE - 55.50
 DEPTH 0 - 12" SOIL DESCRIPTION TOPSOIL COLOR ORANGE - BROWN
 12" - 24" BONEY SAND ORANGE - BROWN
 24" - 120" FINE SAND GRAY
 GROUNDWATER - 9" 4/2/87 & 3/10/92

ALL PERCOLATION TEST: 2 MINUTES PER INCH
 WITNESS: MR. WELLS & MR. CHEWENET, SEEKONK BOARD OF HEALTH
 TESTING PERFORMED BY: DIPRETE ENGINEERING ASSOCIATES, INC.
 DATE OF TESTS - PERC.: 1/6/89, GROUNDWATER 4/2/87 - REBOUND 3/10/92

SEWAGE DISPOSAL SYSTEM
 KEITH CORRIEA
 PLAT 21, LOT 297
 SEEKONK, ANNA COURT
 MASSACHUSETTS

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

DATE: April, 1997
 SHEET: 1 OF 1