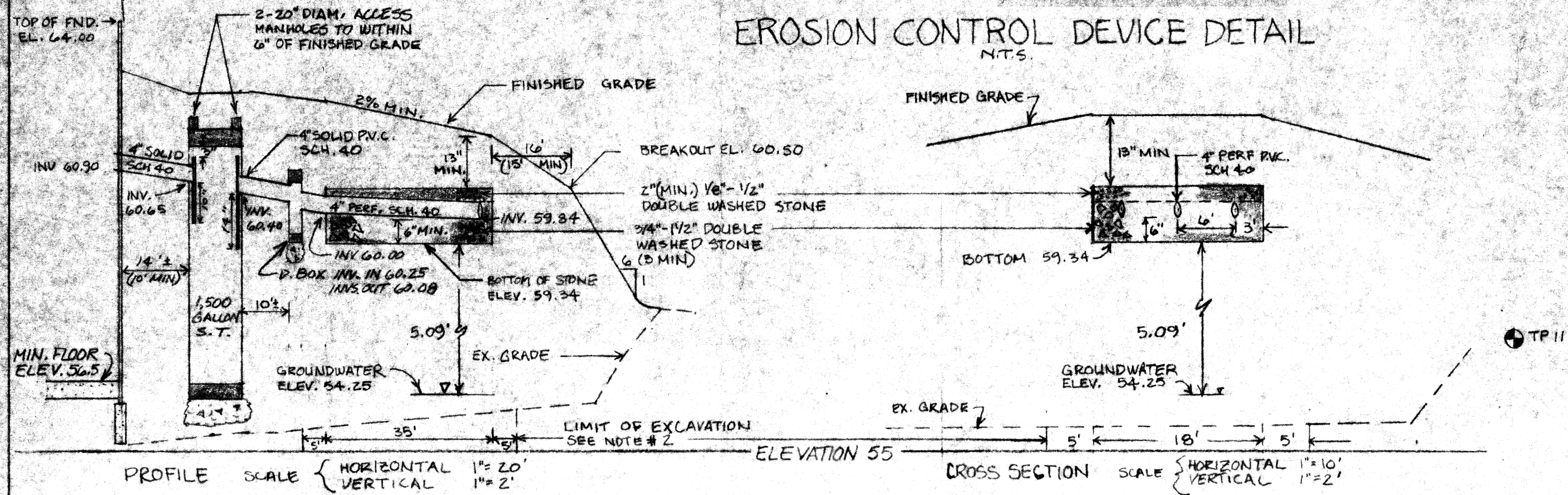




### EROSION CONTROL DEVICE DETAIL

N.T.S.



- NOTES:**
- 1) ALL WORK SHALL CONFORM TO THE 310 GMR 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 GRAVEL MEETING SPECIFICATIONS OF 310 GMR 15.25(3).
  - 3) ALL PIPE TO BE 4" P.V.C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
  - 4) PLACE 8" 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 = 60.50. NO FINISHED GRADE BELOW 60.50 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
  - 9) CONTRACTOR SHALL CONTACT "DIO-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.

**DESIGN DATA**

DAILY SEWAGE FLOW  
 PROPOSED BEDROOMS = FOUR  
 DAILY FLOW = 110 GAL./DAY/BEDROOM x 4 BEDROOMS = 440 GAL./DAY

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

LEACHING AREA REQUIREMENTS  
 PERCOLATION RATE = < 2 MINUTES PER INCH  
 DESIGN FOR 5 MINUTES PER INCH - SOIL TEXTURE CLASS - 1  
 EFFLUENT LOADING RATE = 0.74 GAL PER S.F.  
 SIDEWALL AREA = 0 SQUARE FEET (FIELD)  
 BOTTOM AREA = 3.5' x 1.8' = 6.30 SQUARE FEET  
 TOTAL LEACHING AREA = 6.30 SQUARE FEET  
 TOTAL LEACHING CAPACITY  
 = 6.30 S.F. x 0.74 GAL/DAY/S.F. = 466 GAL/DAY > 440 GPD

**LEGEND**

100	EXISTING CONTOUR
100	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. 100x00	FINISHED SPOT GRADE
100x00	EXISTING SPOT GRADE
100x00	PROPERTY LINE
ST	SEPTIC TANK
DB	DISTRIBUTION BOX
DB	DEEP OBSERVATION HOLE

**TEST PIT "8" LOG**  
 ORIGINAL GRADE - 55.25

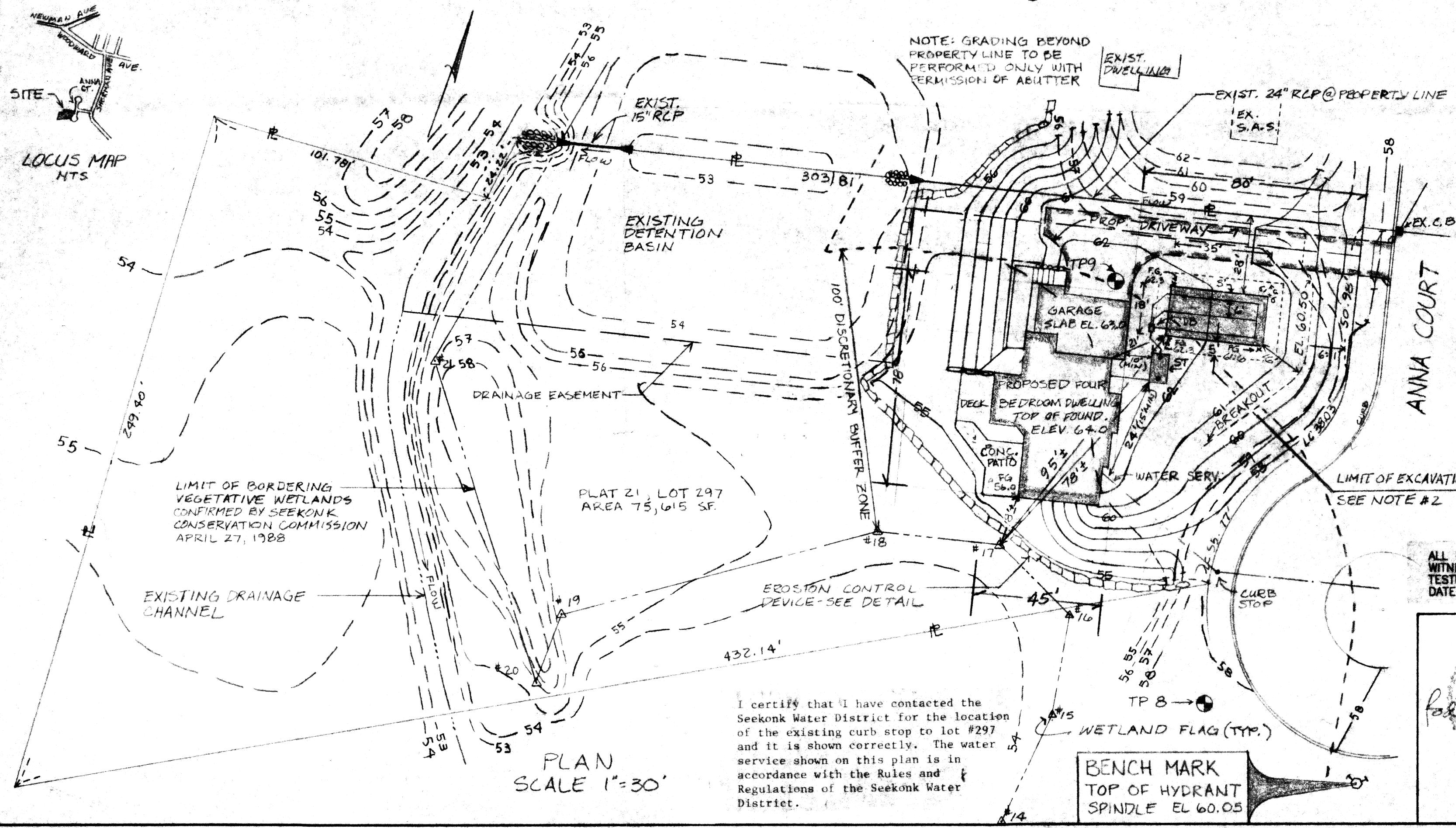
DEPTH	SOIL DESCRIPTION	SOIL COLOR
0 - 14"	TOPSOIL	
14" - 20"	BONEY SAND	ORANGE - BROWN
24" - 120"	FINE SAND	GRAY
GROUNDWATER		30" 4/2/87

**TEST PIT "9" LOG**  
 ORIGINAL GRADE - 55.00

DEPTH	SOIL DESCRIPTION	SOIL COLOR
0 - 12"	TOPSOIL	
12" - 24"	BONEY SAND	ORANGE - BROWN
24" - 120"	FINE SAND	GRAY
GRDWATER		9" 4/2/87 & 3/10/92

**TEST PIT "11" LOG**  
 ORIGINAL GRADE - 55.50

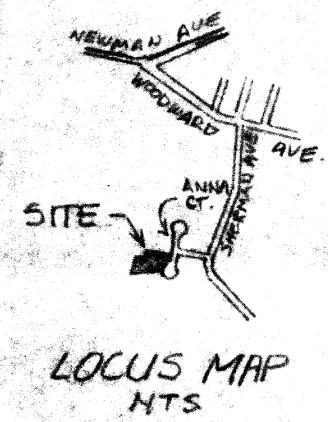
DEPTH	SOIL DESCRIPTION	SOIL COLOR
0 - 12"	TOPSOIL	
12" - 24"	BONEY SAND	ORANGE - BROWN
24" - 120"	FINE SAND	GRAY
GRDWATER		9" 4/2/87 & 3/10/92



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

	<b>SEWAGE DISPOSAL SYSTEM</b> KEITH CORRIEA PLAT 21, LOT 297 ANNA COURT SEEKONK, MASSACHUSETTS	
	<b>CAPUTO AND WICK LTD.</b> 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	DATE APR 11 1997 201 5/12/97 dth SHEET 1 OF 1

I certify that I have contacted the Seekonk Water District for the location of the existing curb stop to lot #297 and it is shown correctly. The water service shown on this plan is in accordance with the Rules and Regulations of the Seekonk Water District.



LIMIT OF BORDERING VEGETATIVE WETLANDS CONFIRMED BY SEEKONK CONSERVATION COMMISSION APRIL 27, 1988

PLAN SCALE 1"=30'

69-367