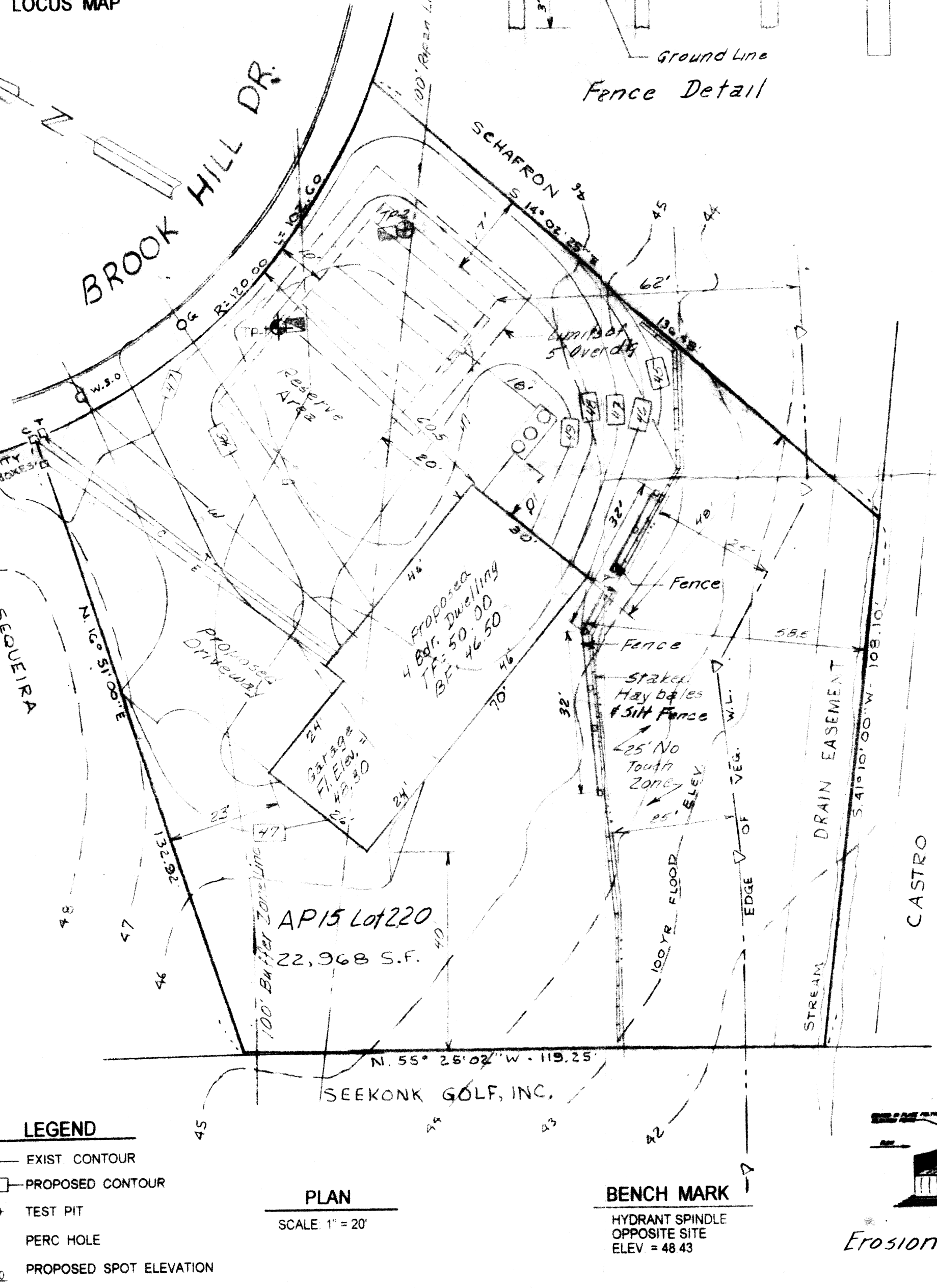
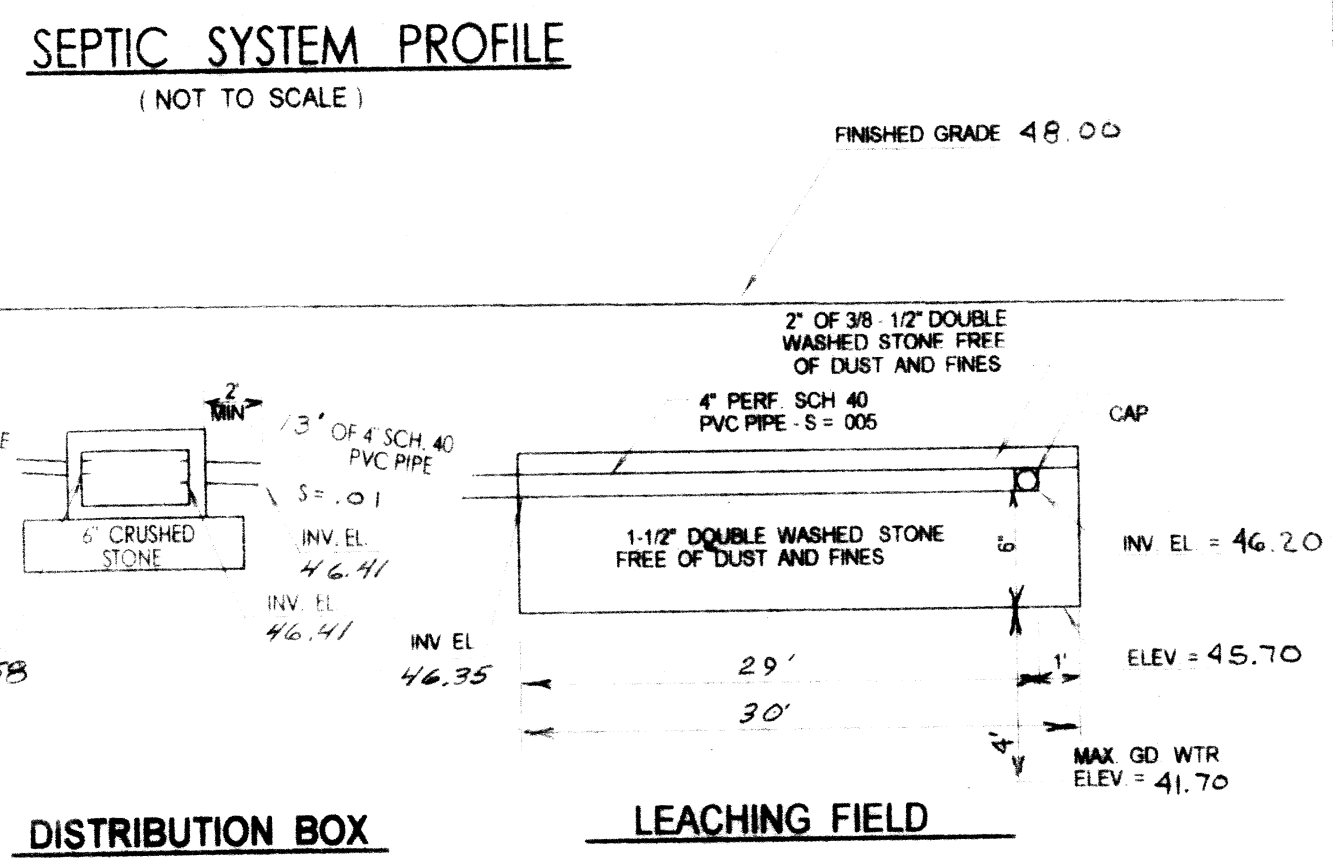
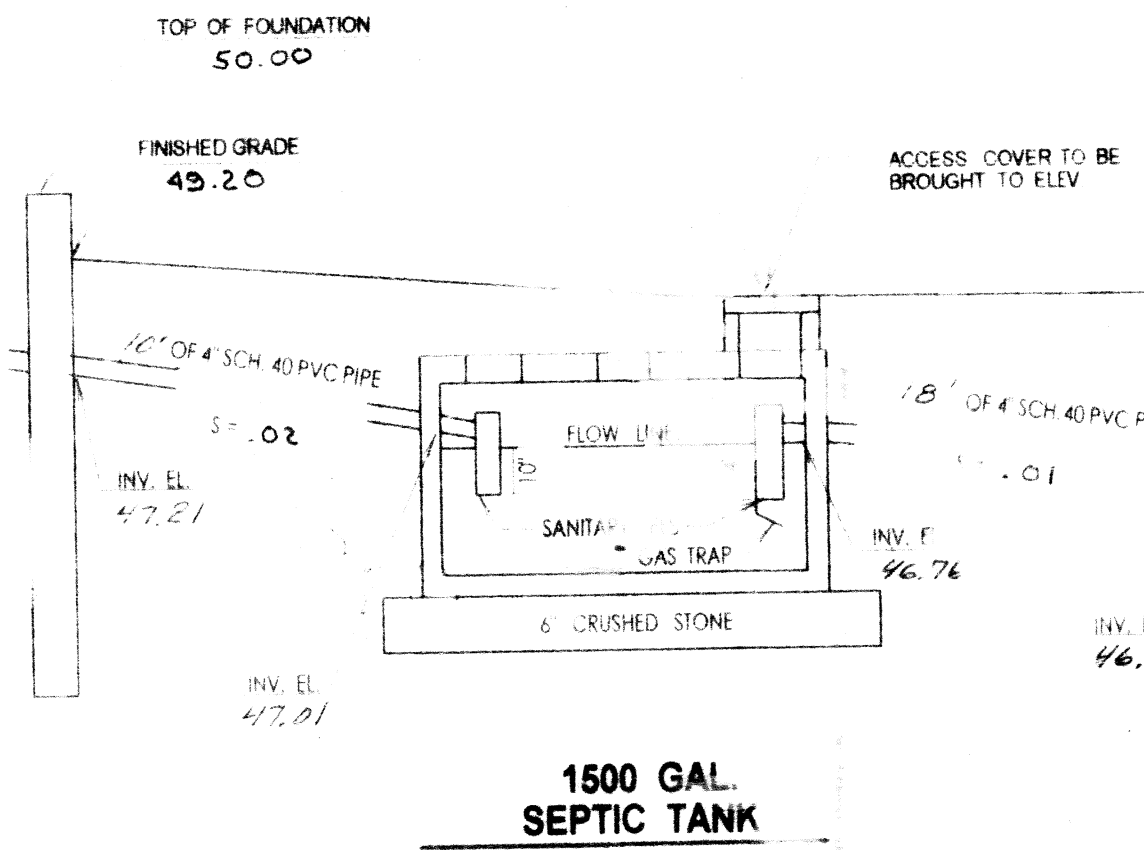
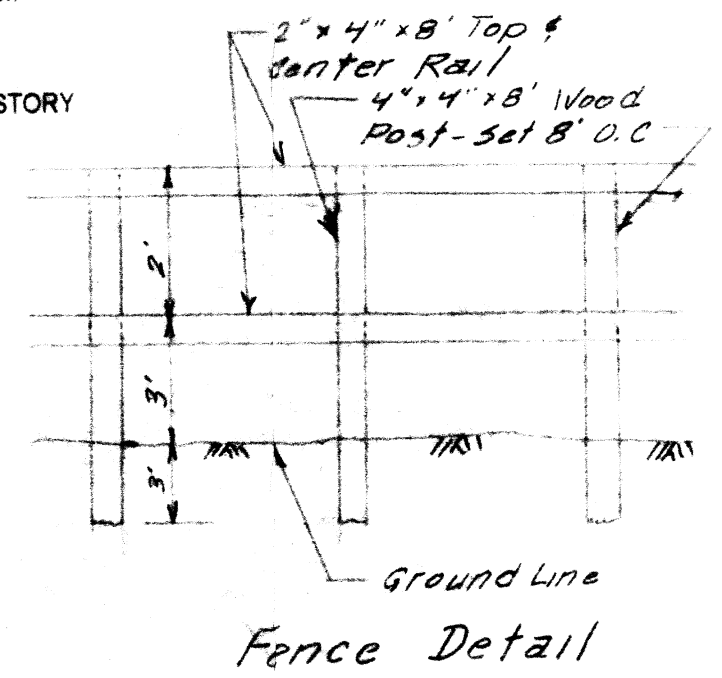


**ZONING DISTRICT - RESIDENTIAL R-1**  
 MIN. LOT AREA = 14,400 S.F.  
 MIN. FRONTAGE = 100'  
 MIN. LOT WIDTH = 120'  
 FRONT SETBACK = 35'  
 SIDE SETBACK = 15' + 5'/STORY  
 REAR SETBACK = 25'



- NOTES**
- ALL COMPONENTS SHALL BE ROTONDO PRECAST OR EQUAL
  - ALL PIPE SHALL BE 4" SCH 40 PVC
  - MATERIALS AND METHODS OF CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF TITLE V, MASS ENVIRONMENTAL CODE, AND THE REQUIREMENTS OF THE LOCAL BOARD OF HEALTH
  - ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL SHALL BE REMOVED AS PER 310 CMR 15.255 (5) FOR A MINIMUM DISTANCE OF 5' LATERALLY FROM ALL SIDES OF THE OUTER PERIMETER OF THE PROPOSED SOIL ABSORPTION SYSTEM AND FROM BENEATH THE SOIL ABSORPTION SYSTEM TO ELEV. 39.00 OR UNTIL NATURALLY OCCURRING PERVIOUS MATERIAL IS REACHED PER 310 CMR 15.250 AND THE LOCAL B.O.H. OFFICER. AFTER THE EXCAVATION IS COMPLETE, THE AREA SHALL BE BACKFILLED AS PER 310 CMR 15.255 (3) AND THE LOCAL B.O.H. REGULATIONS
  - ALL UTILITIES SHOWN ARE PLOTTED FROM BEST AVAILABLE INFORMATION AND SHALL BE VERIFIED BY THE CONTRACTOR FOR EXACT ELEVATION AND LOCATION PRIOR TO CONSTRUCTION OF THE PROPOSED SEWAGE DISPOSAL SYSTEM
  - THIS PLAN IS DESIGNED TO COMPLY WITH SEC 15.404 AND 15.408 OF THE MASS SANITARY CODE
  - ALL CHANGES AND VARIATIONS FROM THIS PLAN MUST BE APPROVED, IN WRITING, BY BOTH MILLER ENGINEERING AND THE LOCAL BOARD OF HEALTH

100 YEAR FLOOD ELEVATION (43.00)  
 TAKEN FROM FEMA MAP PANEL 0220003  
 010A

PLAN REFERENCE: TRIPLET SECTION A AND REPEAT OF PORTIONS OF SECTIONS B AND C BROOK HILL ACRES BY STANLEY ENGINEERING, INC. MARCH 1985 PLAN BOOK 223, P. 43.

DEED REFERENCE: DEED BOOK 4620, P. 299  
 EASEMENT DEED: DEED BOOK 2771, P. 250

**SOIL DATA**

SOIL TEST PERFORMED Jan 16, 1999 BY RICHARD C BELLAVANCE AND WITNESSED BY J R CHENEVERT OF THE SEEKONK BOARD OF HEALTH

	TEST PIT 1	TEST PIT 2
0"	0" SANDY LOAM	0" SANDY LOAM
47.2	6" SANDY LOAM	46.3
46.7	FILL	46.1
	FILL	FILL
41.4	70" PEAT	40.1
40.3	76" SAND	39.4
36.7	126" SAND	35.4
		138"
	PERC RATE = 4 MPI PERC DEPTH = 88" GW DEPTH = 66" - 41.70	PERC RATE = 6 MPI PERC DEPTH = 104" GW DEPTH = 66" - 41.40

- DESIGN DATA**
- DESIGN FLOW: 4 BEDROOM HOUSE, NO GARBAGE GRINDER  
 DESIGN FLOW 4 BEDROOM x 110 GAL/DAY/BR = 440 GAL/DAY
  - LEACHING AREA PERCOLATION RATE = 6 MPI SOIL CLASS II  
 DESIGN PERCOLATION RATE = 6 MPI  
 PROVIDE LEACHING FIELD: 30' LONG, 26' WIDE, 6" DEEP
  - LEACHING AREA PROVIDED  
 BOTTOM: 30' LRG x 26' WIDE = 780 SQ FT  
 TOTAL AREA PROVIDED = 780 SQ FT
  - CAPACITY: 780 SQ FT x .60 GAL/SF = 468 GAL/DAY

DEP # SE 69-486

**PROPOSED HOUSE AND SEWAGE DISPOSAL SYSTEM**

LOCATION: ASSESSOR'S MAP 15, LOT 220 BROOK HILL DRIVE - SEEKONK, MA

APPLICANT: JOHN & MARIA GABRIELA SILVESTRE  
 84 FARNUM ST.  
 E. PROVIDENCE, RI 02914

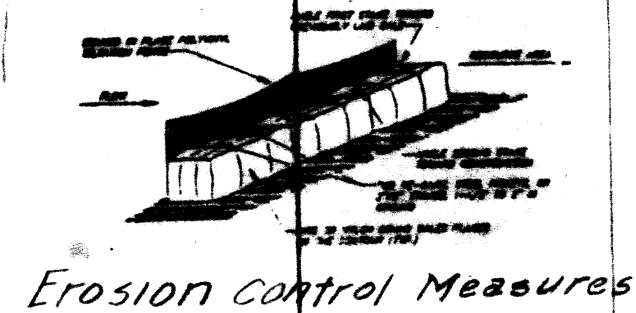
PREPARED BY: MILLER ENGINEERING  
 21 BROOK STREET  
 SEEKONK, MA 02771  
 (508) 761-7790

JUNE 6, 2000

REVISOR: 6-11-01 Added 5th Fence  
 6-17-01 Added Fence

CHECKED

Received  
 JUN 25 2001  
 Con. Comm.



- LEGEND**
- EXIST CONTOUR
  - PROPOSED CONTOUR
  - TEST PIT
  - PERC HOLE
  - PROPOSED SPOT ELEVATION

SCALE 1" = 20'

**BENCH MARK**  
 HYDRANT SPINDLE  
 OPPOSITE SITE  
 ELEV = 48.43