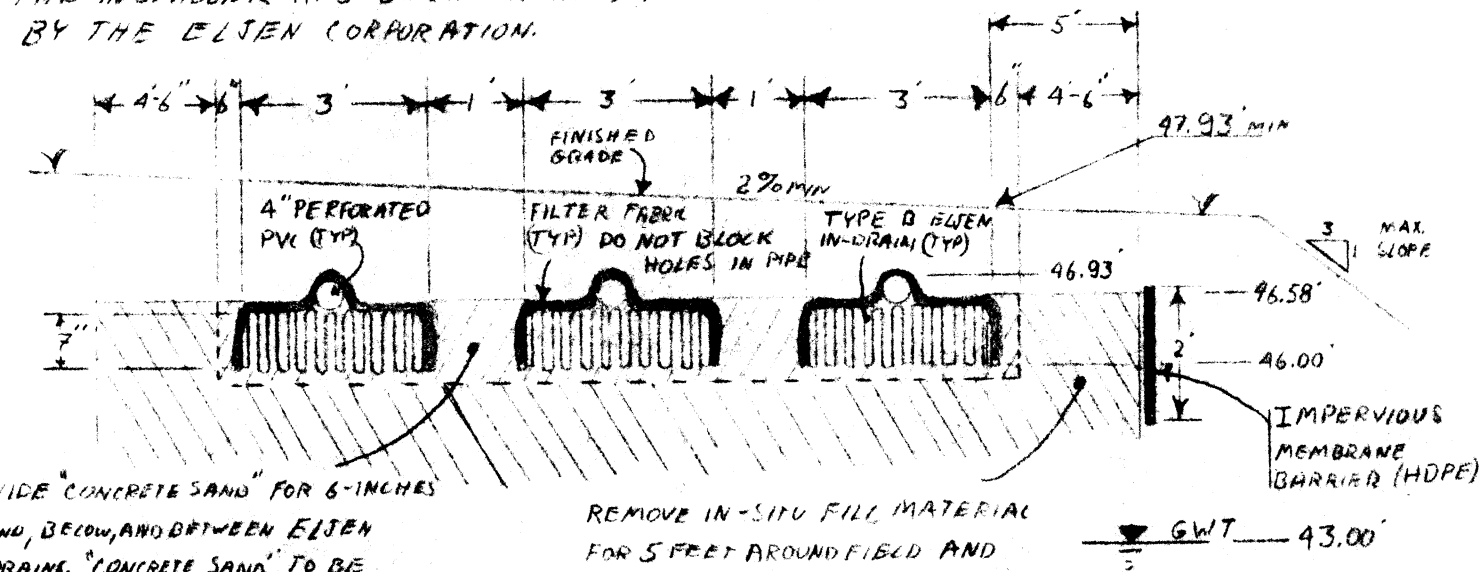


FLOW: (3BDRM)*(10 GPD/BDRM)=330 GPD ⇒ 660 GPD PEAK
 SEPTIC TANK: USE 1500 GAL > 660 GAL
 LEACHING FIELD: RATE = 1.35 SF/GPD FOR PERC. = 5 MIN/IN
 MINIMUM SIZE: (330 GPD)*(1.35 SF/GPD) = 446 SF
 AS PER DEP CERTIFICATION FOR GENERAL USE
 I. DESIGN STANDARDS: THE TYPE B ELJEN IN-DRAIN PROVIDES AN EFFECTIVE LEACHING AREA OF 6.2 SF PER LINEAR FEET, TYPE B-3 FEET WIDE BY 4 FEET LONG.
 USE: (6 TYPE B IN-DRAINS PER ROW)*(4 LINEAR FEET PER IN-DRAIN)*(3 ROWS)*(6.2 SF PER LINEAR FOOT) = 446.4 SF
 NOTE: 6-INCHES OF ASTM C-33 SAND SHALL BE USED UNDER AND ON THE SIDES OF THE SYSTEM INSTEAD OF BASE AGGREGATE.

DESIGN DATA

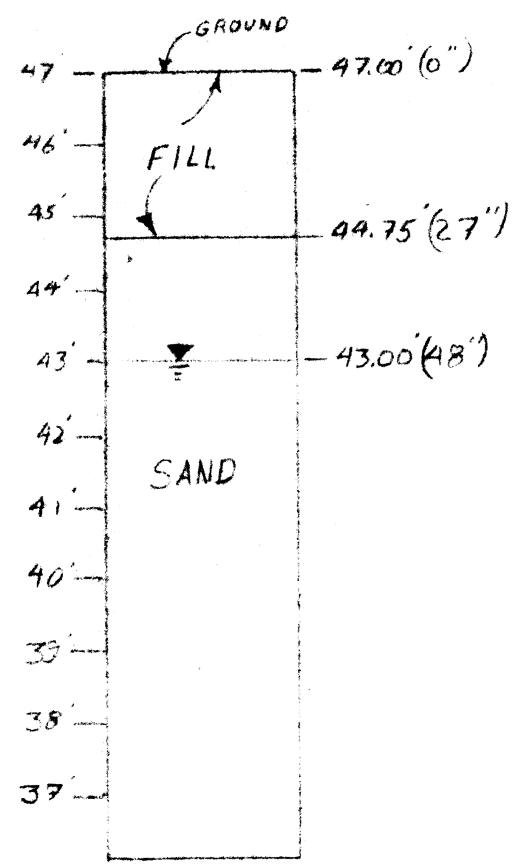
SPECIAL CONDITIONS APPLICABLE TO SYSTEM INSTALLERS

- 1) EACH INSTALLER SHALL INSTALL TYPE B ELJEN IN-DRAIN SYSTEMS IN ACCORDANCE WITH TRAINING PROVIDED BY THE ELJEN CORPORATION, 15 WESTWOOD ROAD, STORRS, CT 06268.
- 2) NO INSTALLER SHALL INSTALL A TYPE B ELJEN IN-DRAIN UNLESS THE INSTALLER HAS BEEN TRAINED AND CERTIFIED TO DO SO BY THE ELJEN CORPORATION.



PROVIDE "CONCRETE SAND" FOR 6-INCHES AROUND, BELOW, AND BETWEEN ELJEN IN-DRAINS. "CONCRETE SAND" TO BE MEDIUM TO COARSE WASHED SAND WITH MAXIMUM 5% PASSING #200 SIEVE BY WEIGHT AND PASSES AN EFFECTIVE SIZE (D₁₀) EQUAL TO 0.25 TO 0.075 mm. SAND TO CONFORM TO ASTM C-33

SECTION THROUGH LEACH FIELD
NOT TO SCALE



DATE: 10/23/96
 BOH AGENT: H.E. CHENEVERT JR
 ENGINEER: D.R. MONSEES

TEST PIT (47.00')
 0'-27' FILL
 27'-48' SAND
 GROUND WATER @ 48'
 PERC. RATE: 5 MIN/INCH
 AS PER B.O.H. AGENT
 H.E. CHENEVERT JR.
SOIL AND PERC. DATA

GENERAL NOTES

1. INSTALLER TO NOTIFY B.O.H. TO INSPECT 24 HOURS IN ADVANCE; ONCE WHEN SEPTIC TANK AND DISTRIBUTION BOX HAVE BEEN SET, TWICE WHEN EXCAVATION COMPLETE PRIOR TO PLACING STONE IN LEACHING AREA AND THIRD WHEN PIPE AND STONE IN PLACE PRIOR TO BACKFILLING. CONTRACTOR TO PROVIDE TRANSIT DURING INSPECTION. ONCE SECOND INSPECTION COMPLETE THE INSTALLER MUST COMPLETE THE SYSTEM CONSTRUCTION WITHIN FIFTEEN (15) DAYS FROM THE DATE OF THE BOTTOM (FIRST) INSPECTION.
2. A CERTIFICATE OF COMPLIANCE AND AS-BUILT PLAN MUST BE PREPARED BY THE DESIGN ENGINEER AND SUBMITTED TO THE B.O.H. WITHIN 10 DAYS UPON COMPLETION OF THE SYSTEM.
3. ALL COMPONENTS TO BE INSTALLED IN ACCORDANCE WITH TITLE 5 OF THE STATE ENVIRONMENTAL CODE, ALL APPLICABLE B.O.H. RULES AND CONSERVATION COMMISSION RULES.
4. NO HEAVY EQUIPMENT IS TO OPERATE OVER THE LIMITS OF THE SYSTEM DURING AND AFTER THE COURSE OF THE CONSTRUCTION OF THE SYSTEM.
5. ALL SLIPJAP JOINTS IN SEPTIC TANK TO BE SEALED WITH NEOPRENE GASKET OR ASPHALT CEMENT.
6. PROVIDE WATER TIGHT SEAL BY GROUTING FOR PIPES ENTERING AND LEAVING CONCRETE STRUCTURES.
7. ALL PIPE JOINTS OF THE BUILDING SEWER SHALL BE MADE WATER TIGHT.
8. THIS SYSTEM IS NOT DESIGNED FOR A GARBAGE GRINDER.
9. ALL ELEVATIONS BASED ON A DATUM OF 50.00'.
10. INSTALL ALL COMPONENTS ON STABLE LEVEL BASE AS PER STATE ENVIRONMENTAL CODE.
11. ABANDON CESSPOOL AS PER STATE ENVIRONMENTAL CODE.
12. FINE RAKE AND SEED ALL CONSTRUCTION AREAS AT PROJECTS END.
13. NO MODIFICATIONS WITHOUT APPROVAL OF ENGINEER AND B.O.H. AGENT.
14. HDPE GEOMEMBRANE TO BE AN APPROVED MATERIAL AND DESIGNED TO BE USED IN SEPTIC SYSTEM APPLICATIONS.

I CERTIFY THAT ALL ADJUTERS TO THIS PROPERTY HAVE BEEN CONTACTED AND THERE ARE NO WELLS WITHIN TWO HUNDRED FEET OF THE PROPOSED SEPTIC SYSTEM.

I CERTIFY THAT I HAVE CONTACTED THE STATE DISTRICT FOR THE LOCATION OF THE EXISTING SERVICE CURB STOP TO LOT 617 AND I SHOW CORRECTLY THE WATER SERVICE S ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEAKONK WAT.

LEGEND

- HAY BALES
- 100' WETLANDS BUFFER
- WETLANDS FLAG
- CESSPOOL
- SEPTIC TANK
- DISTRIBUTION BOX
- ELJEN IN-DRAINS
- 40 MIL (HDPE) GEOMEMBRANE
- TEST PIT
- 4" CAST IRON
- SCH. 40 PVC
- SCH. 40 PERFORATED PVC
- ELECTRICAL/WATER SERVICE
- 47 FINISHED GRADE
- 49 EXISTING GRADE
- WATER STOP
- TOWN WATER LINE

REVISIONS:

PROPOSED SUBSURFACE WASTEWATER DISPOSAL SYSTEM
 PLAT 19, LOT 617, 0.50 ACRES

DATE: 4/13/97
 PREPARED BY: RAYMOND SALLEBA
 270 TAUNTON AVE, SEAKONK, MA
 OSD ENGINEERING ASSOCIATES, SEAKONK, MASSACHUSETTS 02981

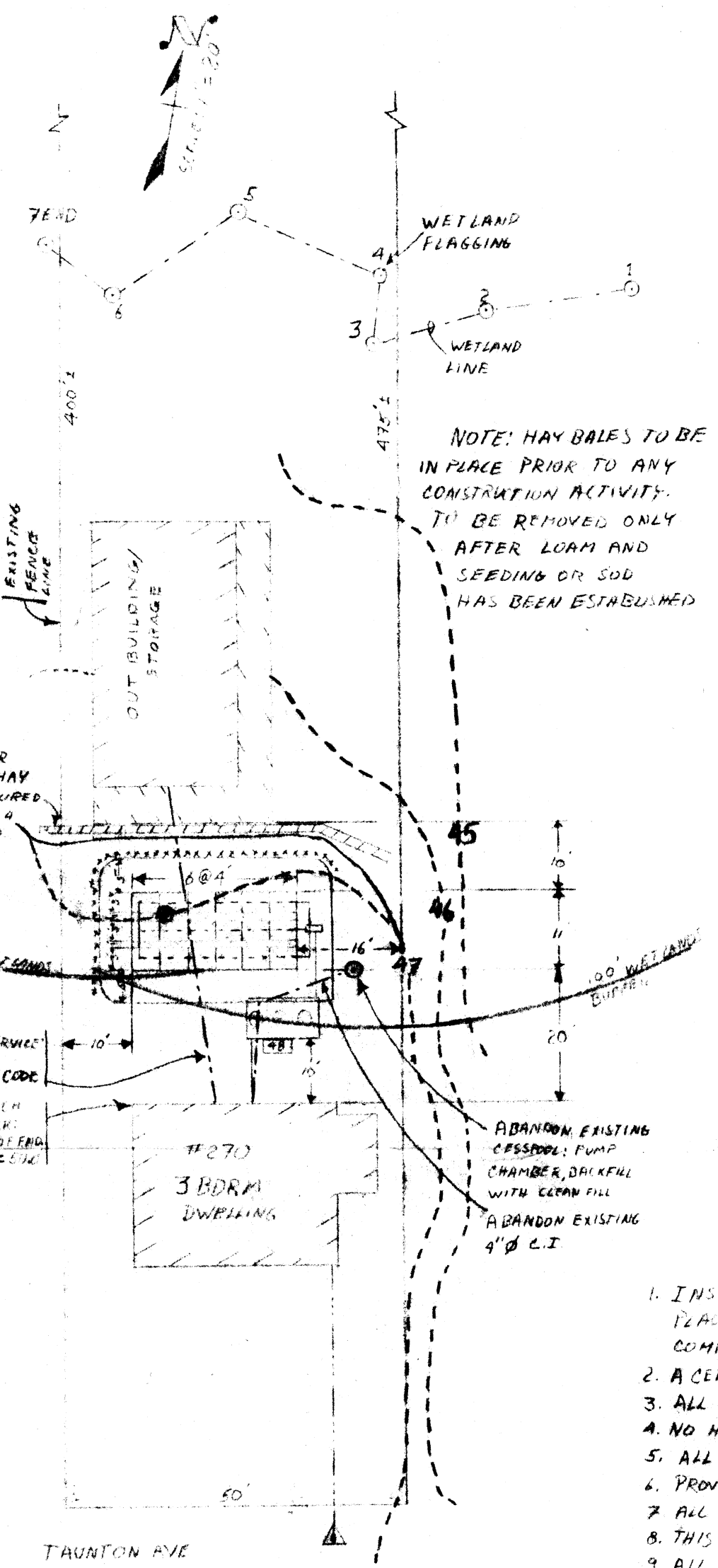
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DRAWN BY: [Signature]
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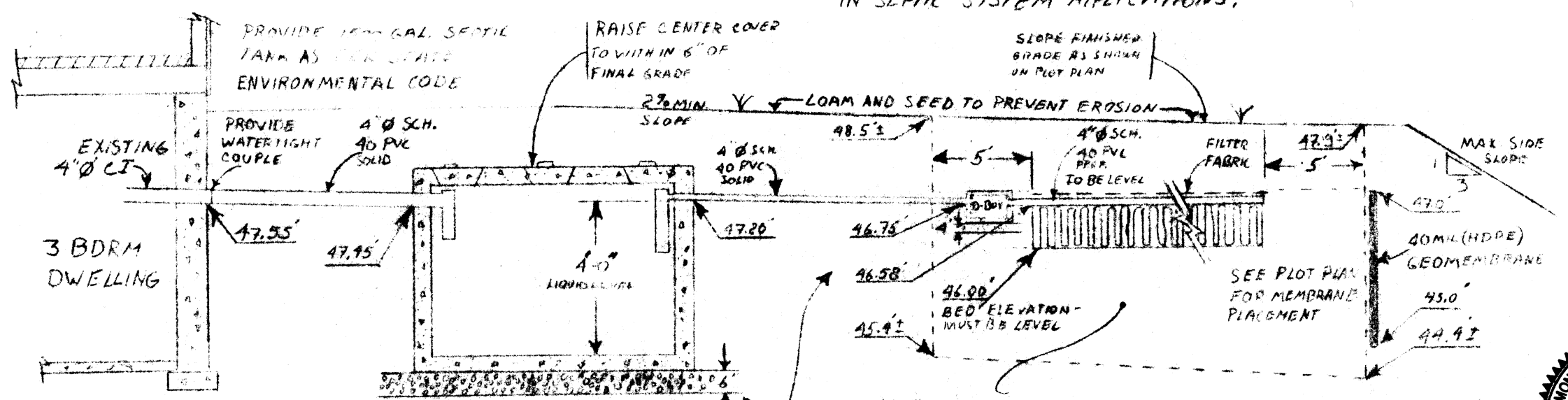
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4-13-97



PLOT PLAN
270 TAUNTON AVE.
LOT # 617



SYSTEM PROFILE
NOT TO SCALE

INSTALL ALL COMPONENTS ON STABLE LEVEL BASE AS PER STATE ENVIRONMENTAL CODE.

NOTE: PROVIDE FILL MATERIAL MEETING SPECIFICATIONS OF 300 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE AROUND FIELD FOR 5 FEET. UNDER FIELD PROVIDE THIS MATERIAL UNTILL IN-SITU SAND LAYER ENCOUNTERED. PROVIDE 6" ASTM C-33 SAND UNDER AND ON SIDES OF IN-DRAINS