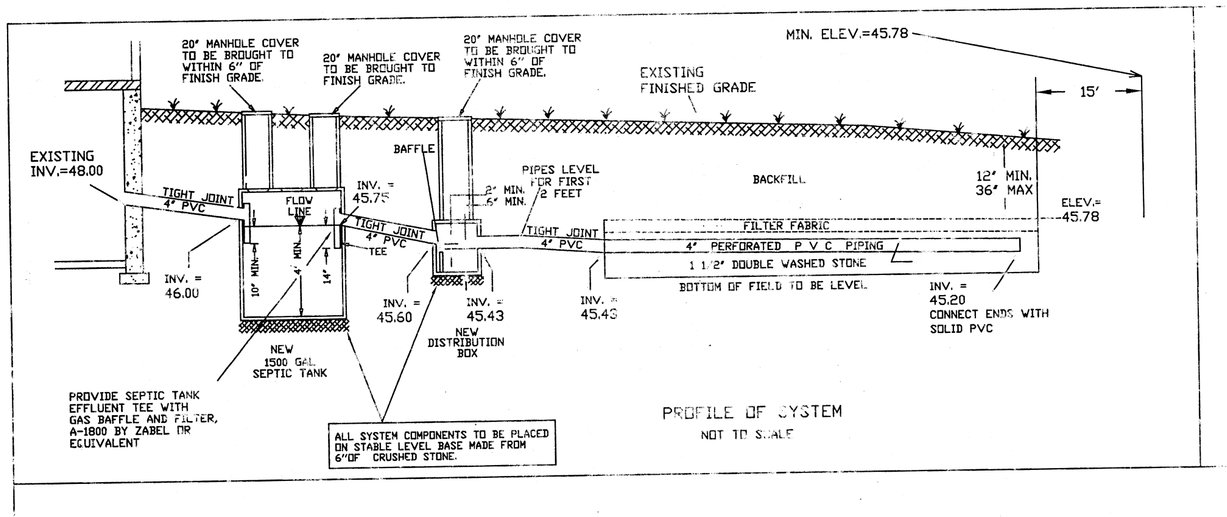
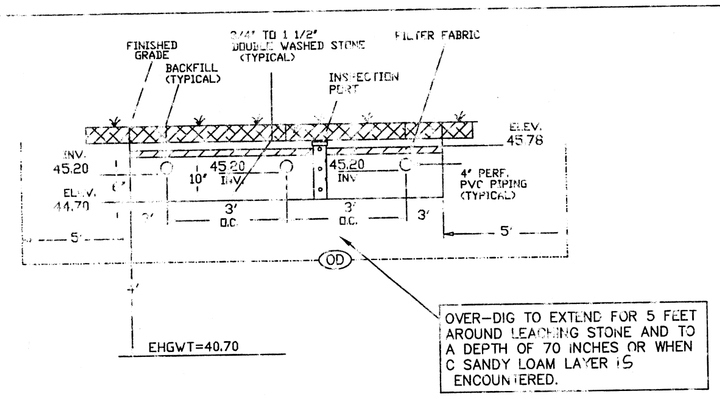


PROFILE OF SYSTEM

NOT TO SCALE

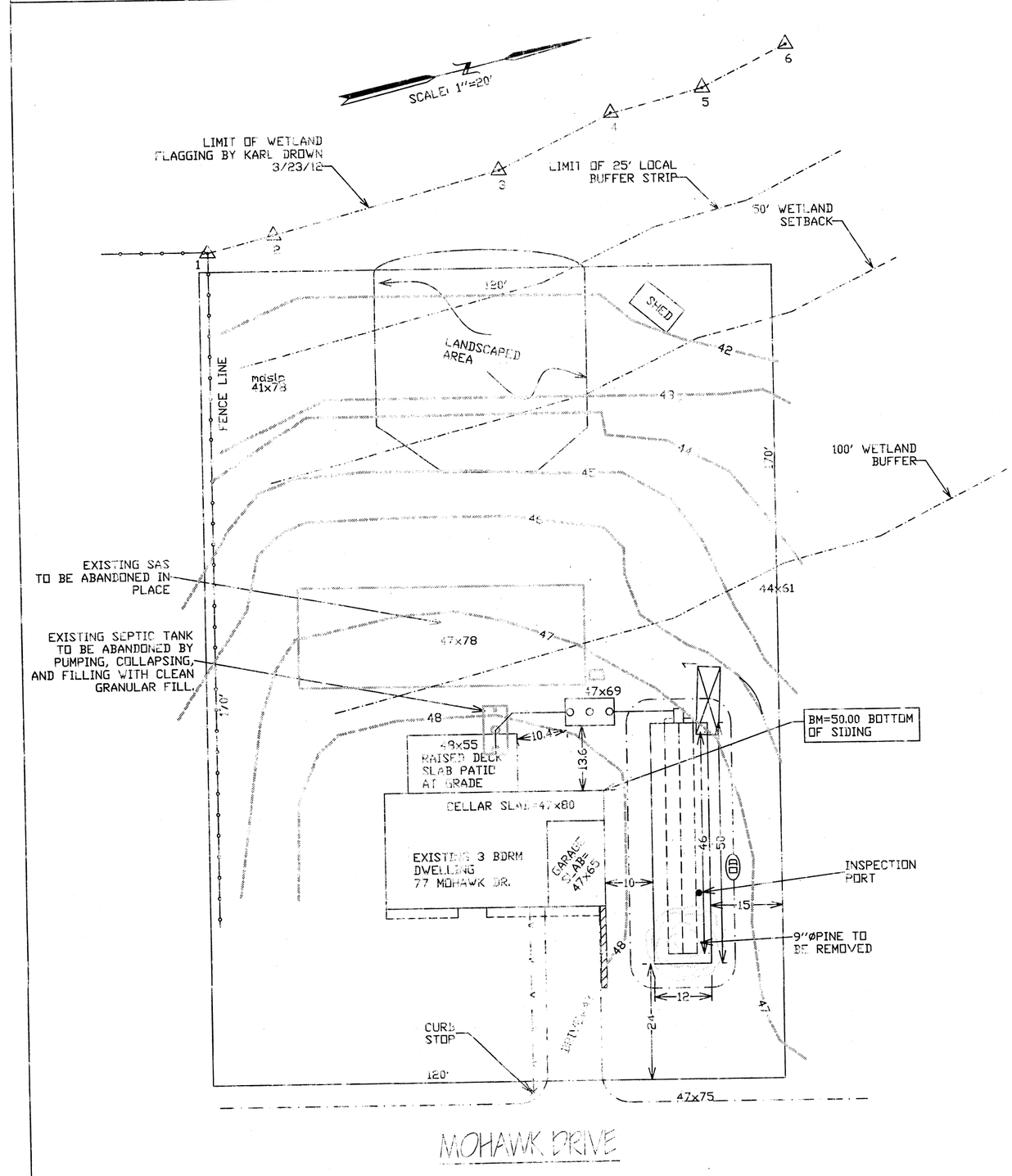


END SECTION THROUGH LEACH FIELD

NOT TO SCALE

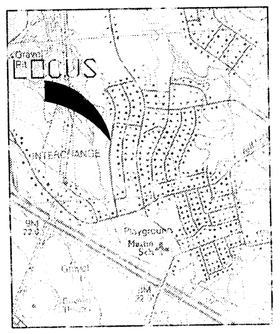
GENERAL NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE TOWN OF SEEKONK BOARD OF HEALTH RULES AND REGULATIONS AND TITLE 5, THE STATE ENVIRONMENTAL CODE.
2. THIS PLAN IS TO BE USED FOR THE CONSTRUCTION OF THE DESIGN DISPOSAL SYSTEM. THIS PLAN DOES NOT REPRESENT ACTUAL AS BUILT CONDITIONS UNLESS OTHERWISE NOTED.
3. THE PROPOSED SYSTEM SHOWN HEREON IS NOT DESIGNED FOR THE USE OF A GARBAGE DISPOSAL AND SAID USE IS NOT ALLOWED.
4. THE SEPTIC TANK SHOULD BE PUMPED OUT EVERY ONE TO TWO YEARS DEPENDING ON USE.
5. ALL BASE AGGREGATE FOR LEACHING STRUCTURES SHALL CONSIST OF 3/4" TO 1 1/2"DOUBLE WASHED STONE FREE OF IRON, FINES, AND DUST IN PLACE.
6. TIGHT JOINT PIPING TO CONSIST OF POLYVINYL CHLORIDE PIPE (PVC) SCHEDULE 40, UNLESS OTHERWISE NOTED.
7. NO PERMANENT STRUCTURE MAY BE CONSTRUCTED OVER THE SEPTIC SYSTEM AREA.
8. BEFORE BEGINNING ANY EXCAVATION OR DEMOLITION CALL "DIG SAFE" AT 1-888-344-7233 TO NOTIFY MEMBER UTILITIES.
9. THE GRADE ABOVE AND ADJACENT TO THE LEACHING FACILITY SHALL BE SLOPED TO PREVENT THE ACCUMULATION OF SURFACE DRAINAGE (2% MINIMUM SLOPE).
10. THE OVER-DIG AREA, (OD) IF SHOWN HEREON IS TO BE STRIPPED OF ALL TREES, BRUSH, STUMPS, TOPSOIL, PEAT, OR OTHER IMPERVIOUS MATERIALS. THE (OD) AREA EXTENDS 5 FEET HORIZONTALLY AROUND THE PROPOSED SYSTEM AND TO THE DEPTH SPECIFIED. THE REPLACEMENT MATERIAL SHALL MEET SPECIFICATIONS OF 310 CMR 15.255 OF THE STATE ENVIRONMENTAL CODE.
11. ANY SOILS ASSOCIATED WITH EXISTING FAILED LEACHING FACILITIES SHALL BE REMOVED AND REPLACED WITH MATERIAL MEETING SPECIFICATIONS OF 310 CMR 15.255 OFTHE STATE ENVIRONMENTAL CODE.
12. THERE SHALL BE NO BACK FILLING PRIOR TO ENGINEERING AND BOARD OF HEALTH INSPECTION AND APPROVAL.
13. INSPECTION PORT TO BE 4"øPERFORATED WITH SCREW TYPE CAP INSTALLED TO WITHIN 3"OF FINAL GRADE.
14. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED
15. THE FINISHED GRADE OVER SEPTIC SYSTEM SHALL BE GRADED, LOAMED, AND SEEDED.



NOTE: THIS PLAN DOES NOT REPRESENT A PROPERTY BOUNDARY SURVEY

LOCUS MAP



CONSTRUCTION NOTE:

1) OSD systems associates, Inc. TO BE NOTIFIED BY THE INSTALLING CONTRACTOR AT THE START OF CONSTRUCTION AND TO BE GIVEN 24 HOUR NOTICE FOR AS-BUILT.
2) GARBAGE DISPOSAL IS TO BE REMOVED AS PART OF THIS SEPTIC SYSTEM REPAIR. SEE GENERAL NOTE #3.

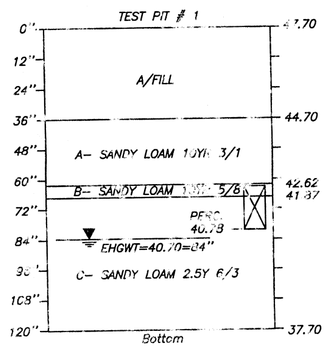
I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT AND THE WATER SERVICE CURB STOP TO LOT#289 IS SHOWN CORRECTLY. THE WATER SERVICE SHOWN ON THIS PLAN IS IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE SEEKONK WATER DISTRICT.

THE BUILDING SEWER OUTLET(S) SHOWN ON THIS PLAN IS (ARE) BASED ON BEST AVAILABLE INFORMATION AT THE TIME OF PLAN DESIGN AND APPROVAL. ANY DESIGN AND/OR CONSTRUCTION COSTS ASSOCIATED WITH ADDITIONAL OUTLETS LATER REVEALED BECOME THE RESPONSIBILITY OF THE OWNER(S).

TEST PIT LOG

NOT TO SCALE

Date Excavated: 2/21/12
Logged by: DEAN MONSEES
Observed by: BETH HALLAL
Board of Health: SEEKONK
Geologic Material: TILL
Landform: MORAINE
DESIGN PERC. RATE: 15mpi



DESIGN CALCULATIONS

FLOW: EXISTING 3 BEDROOM SINGLE FAMILY DWELLING

(3bdrm)(110gpd/bdrm) = 330 gpd-- PEAK=660gpd

SEPTIC TANK:
NEW 1500 GAL TANK > 660 GAL

LEACHING FIELD:
RATE = (1/.56) sf/gpd FOR PERC =15mpi CLASS II
MINIMUM SIZE: (330gpd)(1/.56)sf/gpd) = 590sf
USE LEACHING FIELD 12'x50'=600sf

RECEIVED
MAY 15 2012
SEEKONK CONSERVATION

LEGEND

DEEP OBSERVATION HOLE		EXISTING SPOT GRADE	47x38
DISTRIBUTION BOX		EXISTING CONTOUR	
SEPTIC TANK		WATER LINE	—v —v —v —v —
		FENCE LINE	

REVISIONS

DATE	DESCRIPTION
	RDA 77 Mohawk

SEWAGE DISPOSAL SYSTEM REPAIR PLAN

LOT NUMBER: 289 AREA OF LOT: 20,400sf PLAT NO.: 7

LOT ADDRESS: 77 MOHAWK DRIVE
IN
SEEKONK, MA 02771

PREPARED FOR:
LAM N. DAO
77 MOHAWK DRIVE
SEEKONK, MA 02771

SCALE: AS SHOWN
DATE: 3/28/12

DESIGNED BY: DRM
JOB NO: 12-108
FILE: 77MOHAWK.dwg

Received APR 3 2012 SEEKONK BOH

OSD systems associates, Inc.
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RIVERSIDE, R.I. 02915
(401) 465-6324
OSD