

LOT 12 - DEEP OBSERVATION HOLE 1

ORIGINAL ELEVATION - 158.22

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
0 - 8"	A	SANDY LOAM	10 YR 3/3		MASSIVE	FRABLE	GRAVELLY
8" - 24"	Bw	SANDY LOAM	10 YR 4/6		MASSIVE	FRABLE	GRAVELLY
24" - 32"	Cd1	SANDY LOAM	2.5 Y 4/3		MASSIVE	FIRM	GRAVELLY, COBBLY
32" - 120"	Cd2	SANDY LOAM	2.5 Y 4/3	35° COMM., DIST., COARSE	MASSIVE	FRABLE	GRAVELLY, COBBLY, STONY W/POCKETS OF LOAMY SAND
120"	R						BOULDERS / LEDGE

OBSERVED STANDING GROUNDWATER - NONE

ESTIMATED SEASONAL HIGH GW - 35" (ELEV. 155.30)

REMOVE TO INTO Cd2 HORIZON

OBSERVED WEEPING GROUNDWATER - NONE

PERC. @ 42" + 18" = 1 MPI

DESIGN FOR CLASS II SOIL

LOT 12 - DEEP OBSERVATION HOLE 2

ORIGINAL ELEVATION - 159.38

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
0 - 9"	A	SANDY LOAM	10 YR 3/3		MASSIVE	FRABLE	GRAVELLY
9" - 26"	Bw	SANDY LOAM	10 YR 4/6		MASSIVE	FRABLE	GRAVELLY
26" - 35"	Cd1	SANDY LOAM	2.5 Y 4/4	43° COMM., DIST., COARSE	MASSIVE	FRABLE	GRAVELLY, COBBLY, STONY
35" - 130"	Cd2	SANDY LOAM	2.5 Y 4/3		MASSIVE	FRABLE	GRAVELLY, COBBLY, STONY W/POCKETS OF LOAMY SAND

OBSERVED STANDING GROUNDWATER - NONE

ESTIMATED SEASONAL HIGH GW - 43" (ELEV. 155.80)

REMOVE TO INTO Cd1 HORIZON

OBSERVED WEEPING GROUNDWATER - NONE

PERC. @ 42" + 18" = 24 MPI

DESIGN FOR CLASS II SOIL

LOT 12 - DEEP OBSERVATION HOLE 5

ORIGINAL ELEVATION - 159.62

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
0 - 9"	A	SANDY LOAM	10 YR 3/3		MASSIVE	FRABLE	GRAVELLY
9" - 31"	Bw	SANDY LOAM	10 YR 4/6		MASSIVE	FRABLE	GRAVELLY
31" - 93"	Cd1	SANDY LOAM	3.5 Y 4/4	40° COMM., DIST., COARSE	MASSIVE	FRABLE	GRAVELLY, COBBLY
93" - 120"	Cd2	SANDY LOAM	2.5 Y 4/3		MASSIVE	FIRM	GRAVELLY, COBBLY, VERY STONY, BOULDERS

OBSERVED STANDING GROUNDWATER - NONE

ESTIMATED SEASONAL HIGH GW - 28" (ELEV. 157.28)

REMOVE TO INTO Cd1 HORIZON

OBSERVED WEEPING GROUNDWATER - NONE

PERC. @ 42" + 18" = 24 MPI

DESIGN FOR CLASS II SOIL

LOT 12 - DEEP OBSERVATION HOLE Y2K-4

ORIGINAL ELEVATION - 159.75

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
+3 - 0"	0	-	-	-	-	-	-
0" - 3"	A	SANDY LOAM	10 YR 4/6		-	-	-
3" - 27"	B	SANDY LOAM	10 YR 5/8		-	-	-
27" - 80"	C1	LOAMY SAND	2.5 Y 6/4		-	-	5% GRAVEL
80" - 122"	Cd2	SANDY LOAM	2.5 Y 5/3	COMMON, 10YR 6/8 & 2.5 Y 8/1	-	-	BASIL(SIC)

OBSERVED GROUNDWATER - NONE

MOTTLES @ 83" (ELEV. 152.83)

PERC. RATE = 7 MPI @ 45"

WEEPING FROM PIT FACE - NONE

ESTIMATED S.H.G.W. = 63" (ELEV. 154.5)

DATE OF TESTING - 9/25/00

LOT 12 - DEEP OBSERVATION HOLE Y2K-4B

ORIGINAL ELEVATION - 160.00

DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
+5 - 0"	0	-	-	-	-	-	-
0" - 30"	B	SANDY LOAM	10 YR 6/7		-	-	-
30" - 96"	C1	SANDY LOAM	2.5 Y 5/3	COMMON 10 YR 6/8	-	-	5% GRAVEL
96" - 144"	Cd2	SILT LOAM	2.5 Y 5/2		-	-	-

OBSERVED GROUNDWATER - NONE

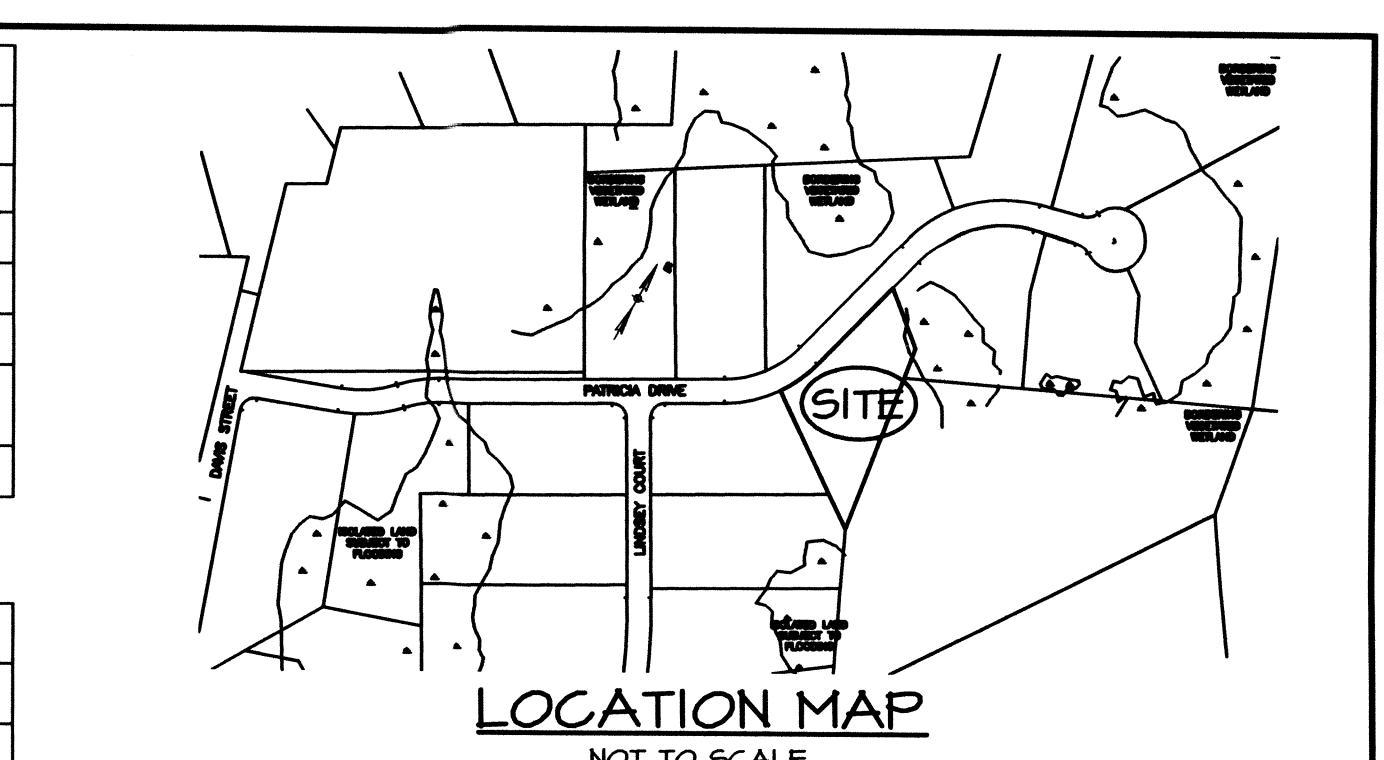
ESTIMATED S.H.G.W. = 72" (ELEV. 154.0)

PERC. RATE = 5 MPI @ 48"

WEEPING FROM PIT FACE - NONE

ESTIMATED S.H.G.W. = 63" (ELEV. 154.5)

DATE OF TESTING - 7/11/01



- NOTES:
- WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE - TITLE 5 AND THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH.
  - STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL, TREE ROOTS AND STUMPS AND ANY OTHER INFERRIORS OR SPECIFIED SOIL IN THE AREA OF THE SYSTEM AND 5 FEET HORIZONTALLY BEYOND THE EDGE OF THE SYSTEM STONE IN ALL DIRECTIONS, WHERE POSSIBLE, STRIP MATERIAL VERTICALLY 3' MINIMUM INTO THE NATURALLY OCCURRING PERVIOUS MATERIAL. THE CONTRACTOR IS TO REMOVE ALL UNSUITABLE MATERIAL BELOW THE PROPOSED SOIL ABSORPTION SYSTEM PRIOR TO INSTALLATION. SEE DEEP OBSERVATION HOLES SOIL DATA FOR FURTHER INFORMATION. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CMR 15.25(3). ACTUAL FILL MATERIAL IS SUBJECT TO APPROVAL BY THE DESIGN ENGINEER AND/OR SEEKONK HEALTH AGENT. THE DESIGN ENGINEER AND/OR HEALTH AGENT MAY ALSO REQUIRE A SIEVE ANALYSIS OF THE FILL MATERIAL.
  - UNUSABLE MATERIAL USED TO BACKFILL THE TEST HOLES SHALL BE REMOVED AND REPLACED WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CMR 15.25(3).
  - ALL PIPE TO BE 4" P. V. C. SCHEDULE 40 UNLESS OTHERWISE NOTED.
  - PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK, AND DISTRIBUTION BOX.
  - SOIL TESTING FOR THIS PROJECT WAS PERFORMED BY DEAN MONSEES AND WITNESSED BY THE SEEKONK BOARD OF HEALTH AGENT, HAROLD CHENEVERT, JR.. ADDITIONAL TESTING WAS PERFORMED BY CAPUTO AND WICK, LTD. AND WITNESSED BY BETH HALLAL, SEEKONK BOARD OF HEALTH AGENT. IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. BEFORE PROCEEDING WITH CONSTRUCTION. IF IN DOUBT, ASK.
  - GARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN.
  - INLET AND OUTLET TEES FOR SEPTIC TANK ARE TO BE LOCATED DIRECTLY BELOW ACCESS COVERS.
  - SEPTIC TANK AND DISTRIBUTION BOX SHALL BE DESIGNED FOR H5-10, AND SHALL BE PROTECTED FROM VEHICULAR TRAFFIC BOTH DURING AND AFTER INSTALLATION.
  - IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS EQUAL ONE THIRD THE LIQUID DEPTH. EFFLUENT FILTER MUST BE CLEANED ANNUALLY, AT A MINIMUM.
  - BREAKOUT ELEVATION = 163.33. NO FINISHED GRADE BELOW 163.33 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE LEACHING AREA.
  - CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM BEST AVAILABLE EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE.
  - EXISTING AND PROPOSED WATER WELLS FOUND WITHIN 200' OF PROPOSED SEWAGE DISPOSAL SYSTEM ARE INDICATED ON THE PLAN. EXISTING AND PROPOSED SEWAGE DISPOSAL SYSTEMS FOUND WITHIN 200' OF PROPOSED WATER WELL ARE INDICATED ON THE PLAN.
  - MATERIAL AND EQUIPMENT FROM ALTERNATE MANUFACTURERS MAY BE USED IF EQUAL. APPROVAL FOR ALTERNATE MATERIAL AND/OR EQUIPMENT REQUIRED FROM ENGINEER AND THE BOARD OF HEALTH PRIOR TO CONSTRUCTION. FULL SPECIFICATIONS FOR ALTERNATE EQUIPMENT MUST BE PROVIDED BY THE CONTRACTOR.
  - THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR MONITORING, INSPECTING OR SUPERVISING THE ACTUAL CONSTRUCTION WORK. AFTER EXCAVATING AND PRIOR TO INSTALLING ANY IMPORTED MATERIAL, CONTACT THE BOARD OF HEALTH AGENT FOR A BOTTOM OF EXCAVATION INSPECTION. AFTER SYSTEM COMPONENTS ARE IN PLACE AND PRIOR TO BACKFILLING, CONTACT THE DESIGNER TO VERIFY THE LOCATION AND ELEVATION OF SYSTEM COMPONENTS AND PREPARE A RECORD DRAWING AS REQUIRED BY THE BOARD OF HEALTH.
  - THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY, FOR THE INSTALLATION AND MAINTENANCE OF THE SYSTEM. IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO CONSTRUCT THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND LOCAL BOARD OF HEALTH REGULATIONS AND THE RESPONSIBILITY OF THE OWNER FOR PROPERLY MAINTAINING THE SYSTEM IN ACCORDANCE WITH 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS.
  - REFER TO 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS FOR ADDITIONAL INFORMATION CONCERNING THE CONSTRUCTION AND OPERATION OF THE SYSTEM. THE INSTALLER AND OWNER SHOULD REVIEW AND APPLY 310 CMR 15.00 AND THE LOCAL BOARD OF HEALTH REGULATIONS SYSTEM TO BE CONSTRUCTED BY AN INSTALLER LICENSED BY THE SEEKONK BOARD OF HEALTH.
  - FILL MEETING THE REQUIREMENTS OF 310 CMR 15.25(3) MUST BE PLACED ON SCARIFIED, RELATIVELY DRY NATURAL SOIL. THE CONTRACTOR SHALL PROVIDE FOR DEWATERING AS REQUIRED AND ALL WORK SHALL BE PERFORMED UNDER DRY CONDITIONS PER 310 CMR 15.25(3).
  - THE CELLAR FLOOR ELEVATION SHOWN HAS BEEN SUGGESTED AS A MINIMUM BASED ON OBSERVED GROUNDWATER CONDITIONS. SINCE THE GROUNDWATER LEVELS FLUCTUATE ANNUALLY, NO WARRANTY OF A DRY CELLAR IS EXPRESSED OR IMPLIED.
  - INSTALL MAGNETIC TAPE OVER ALL PIPE AND SYSTEM COMPONENTS.
  - PLAN EXISTING GRADES MAY VARY FROM ORIGINAL GRADES DUE TO SUBDIVISION CONSTRUCTION ACTIVITY.
  - CONTRACTOR MUST BE FAMILIAR WITH CHAMBER PRODUCTS PROPOSED FOR THIS SITE. SEE INFILTRATOR INSTALLATION MANUAL FOR ADDITIONAL DETAILS OF CHAMBER INSTALLATION.

