

TYPICAL BED PROFILE DETAIL

SCALES { HORIZONTAL I"=10' VERTICAL I"=2'

TYPICAL BED SECTION DETAIL

VERTICAL

SHORIZONTAL I"=10'

- ALL WORK SHALL CONFORM TO THE 310 CMR 15.00 STATE ENVIRONMENTAL CODE TITLE 5, THE RULES AND REGULATIONS OF THE SEEKONK BOARD OF HEALTH AND THE LOCAL UPGRADES APPROVED FOR THIS
- 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 THE EDGE OF LEACHING TRENCHES HORIZONTALLY IN ALL DIRECTIONS, WHERE POSSIBLE. AT A MINIMUM THE INSTALLER IS TO STRIP MATERIAL 3" VERTICALLY INTO THE NATURALLY OCCURRING PERVIOUS MATERIAL. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CMR 15.255 FILL TO THE LIMITS INDICATED (BREAKOUT).
- 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. YERTICAL LIMITS MAY BE VARIABLE.
- REMOVE ALL FOUNDATION WALLS WITHIN 20' OF PROPOSED SOIL ABSORPTION SYSTEM. REMOVE ENTIRE <u>CELLAR FLOOR OF EXISTING BUILDING.</u>
- CONTRACTOR SHALL CONTACT "DIG-SAFE" PRIOR TO CONSTRUCTION. LOCATION OF UTILITIES ON THIS PLAN ARE FROM EXISTING INFORMATION, BUT ARE ONLY TO BE CONSIDERED APPROXIMATE. ALL PIPE TO BE 4" P. V. C. SCHEDULE 40, UNLESS OTHERWISE NOTED.
- SEPTIC TANK AND DISTRIBUTION BOX SHALL BE DESIGNED FOR HS-10, AND SHALL BE PROTECTED FROM VEHICULAR TRAFFIC BOTH DURING AND AFTER INSTALLATION.
- PLACE 6" MINIMUM COMPACTED CRUSHED STONE UNDER SEPTIC TANK AND DISTRIBUTION BOX
- SOIL TESTING FOR THIS PROJECT WAS PERFORMED BY CAPUTO AND WICK LTD. AND WITNESSED BY THE SEEKONK BOARD OF HEALTH AGENT, BETH HALLAL. IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. AND THE TOWN OF SEEKONK HEALTH AGENT BEFORE PROCEEDING WITH CONSTRUCTION. IF IN DOUBT, ASK.
- 10. GARBAGE GRINDER IS NOT ALLOWED WITH THIS DESIGN. BACKWASH OF WATER PURIFICATION OR FILTRATION DEVICES SHALL NOT BE DISCHARGED TO THE SEWAGE
- INLET AND OUTLET TEES FOR SEPTIC TANK ARE TO BE LOCATED DIRECTLY BELOW ACCESS COVERS.
- BREAKOUT ELEVATION = 101.33. NO FINISHED GRADE BELOW 101.33 FOR 15 FEET (MINIMUM) FROM THE EDGE OF THE CHAMBERS, UNLESS IMPERVIOUS BARRIER IS INSTALLED. EXISTING WATER WELLS WERE FOUND WITHIN 200' OF PROPOSED SEWAGE DISPOSAL SYSTEM ARE SHOWN.
- 15. IT IS RECOMMENDED THAT THE SEPTIC TANK BE INSPECTED TWICE A YEAR, AND BE CLEANED WHEN THE SOLIDS ARE LESS THAN 12" BELOW THE OUTLET TEE OR EFFLUENT FILTER. MATERIAL AND EQUIPMENT FROM ALTERNATE MANUFACTURERS MAY BE USED IF EQUAL. APPROVAL FOR
- ALTERNATE MATERIAL AND/OR EQUIPMENT REQUIRED FROM ENGINEER AND THE TOWN PRIOR TO CONSTRUCTION. FULL SPECIFICATIONS FOR ALTERNATE EQUIPMENT MUST BE PROVIDED BY THE 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.
- 18. 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 INCLUDING APPROVED LOCAL UPGRADES 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. 19. 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 SYSTEM IS TO BE CONSTRUCTED BY
- A INSTALLER LICENSED BY THE SEEKONK BOARD OF HEALTH. 20. 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.
- FILL MEETING THE REQUIREMENTS OF 310 CMR 15.255(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 15.255(6). THE DISCHARGE WATER MUST BE PROPERLY DISPOSED OF AND SHALL NOT BE A SOURCE OF POLLUTION AND/OR EROSION. 22. INSTALL MAGNETIC TAPE OVER ALL PIPE AND SYSTEM COMPONENTS
- 23. ALL DISTURBED AREAS NOT DEPICTED TO HAVE OTHER FINAL SURFACE TREATMENT SHALL RECEIVE 4" LOAM
- 24. THE CONTRACTOR MUST BE FAMILIAR WITH THE PROPOSED ALTERNATIVE SOIL ABSORPTION SYSTEM TECHNOLOGY AND MUST STRICTLY FOLLOW MANUFACTURERS INSTALLATION INSTRUCTION AND MA. DEP

			DEC	D ODCEDVATION HOL	- A		
	V		DE	P OBSERVATION HOL	<u> </u>		
			ORIG	SINAL ELEVATION - 98	3.03		
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
0 - 12"	FILL & A	SANDY LOAM	10 YR 4/3		MASSIVE		SOME FILL, GRAVELLY
12" - 34"	Bw	SANDY LOAM	10 YR 6/3		MASSIVE	FRIABLE	GRAVELLY
34" - 92"	С	M-C SAND	2.5 Y 3/3	• 40" COMM., DIST., COARSE	SINGLE GR.	LOOSE	GRAVELLY

STANDING WATER - 78" (ELEV. 91.53) WEEPING WATER - 70" (ELEV. 92.00) ESTIMATED SEASONAL HIGH GW - 40" (ELEV. 94.70) PERC. A @ 40" + 18" = 1 MPI

			DEE	P OBSERVATION HOLE	Ξ 2				
			ORIG	INAL ELEVATION - 99	9.33				
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE OTHER			
0 - 7"	FILL & A	SANDY LOAM	10 YR 4/3		MASSIVE	FRIABLE	SOME FILL, GRAVELLY		
7" - 37"	Bw	SANDY LOAM	10 YR 6/3		MASSIVE	FRIABLE	GRAVELLY		
37" - 101"	С	M-C SAND		● 48" COMM., DIST., COARSE	SINGLE GR.	LOOSE	GRAVELLY		
STANDING WATER - 85" (ELEV. 92.25) WEEPING WATER - 81" (ELEV. 92.58) ESTIMATED SEASONAL HIGH GW - 48" (ELEV. 95.33) REMOVE TO 3" INTO C HORIZON DEEP OBSERVATION HOLE 3									
ORIGINAL ELEVATION — 99.28									
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER		
0 - 9"	FILL & A	SANDY LOAM	10 YR 4/3		MASSIVE	FRIABLE	SOME FILL, GRAVELLY		
9" - 36"	Bw	SANDY LOAM	10 YR 6/3		MASSIVE	FRIARI F	GRAVELLY		

STANDING WATER - 85" (ELEV. 92.20) WEEPING WATER - 81" (ELEV. 92.53) ESTIMATED SEASONAL HIGH GW - 48" (ELEV. 95.28) REMOVE TO 3" INTO C HORIZON

	***	·	DEE	EP OBSERVATION HOLE	4		
			ORIC	GINAL ELEVATION - 99	.36		
DEPTH	HORIZON	TEXTURE	COLOR	MOTTLING	STRUCTURE	CONSISTENCE	OTHER
0 - 12"	FILL & A	SANDY LOAM	10 YR 4/3		MASSIVE	FRIABLE	SOME FILL, GRAVELL
12" - 35"	Bw	SANDY LOAM	10 YR 6/3		MASSIVE		GRAVELLY
35" - 102"		M-C SAND	2.5 Y 3/3	• 48" COMM., DIST., COARSE	SINGLE GR.	LOOSE	GRAVELLY
STANDING WATER COLLARSED							

M-C SAND 2.5 Y 3/3 ● 48" COMM., DIST., COARSE SINGLE GR. LOOSE

STANDING WATER - COLLAPSED WEEPING WATER - 82" (ELEV. 92 ESTIMATED SEASONAL HIGH GW - 48" (ELEV. 95.36) REMOVE TO 3" INTO C HORIZON WEEPING WATER - 82" (ELEV. 92.53)

PERC. B • 43" + 18" - <2MPI (UNABLE TO SATURATE) WITNESS: BETH HALLAL, SEEKONK BOARD OF HEALTH TESTING PERFORMED BY: CAPUTO AND WICK LTD. DATE OF SOIL TEST — FEBRUARY 4, 2014

LEGEND

EXISTING CONTOUR -100-PROPOSED CONTOUR MA. STD. MASSACHUSETTS STANDARD INVERT OF PIPE POLYVINYL CHLORIDE PIPE STANDARD DIMENSION RATIO ST REINFORCED CONCRETE PIPE DB CONCRETE (BIT. OR P. C.) CONC. BITUMINOUS PORTLAND CEMENT

+ 100.00 FINISHED SPOT GRADE X 100.00 EXISTING SPOT GRADE TOP OF CURB BOTTOM OF CURB PROPERTY LINE SEPTIC TANK DISTRIBUTION BOX PERCOLATION TEST DEEP OBSERVATION HOLE

MAY 5, 2014

SHEET

TYPICAL PREPARED FOR - SCOTT SMITH

TOTAL AREA = 15,408 S.F.

HEALTH REGULATIONS.

I CERTIFY THAT I HAVE CONTACTED THE SEEKONK WATER DISTRICT FOR THE LOCATION OF THE EXISTING WATER SERVICE CURB STOP FOR PLAT 29, LOTS 44 \$ 47 AND WAS INFORMED THAT THERE IS NO CURB STOP CURRENTLY FOR THIS LOT. THE PROPOSED DWELLING WILL BE SERVED BY A PRIVATE WELL TO BE INSTALLED IN CONFORMANCE WITH THE SEEKONK BOARD OF

SEWAGE DISPOSAL SYSTEM 25 RACINE AVENUE 455E550R'S PLAT 29 - LOTS 44&47 SEEKONK, MASSACHUSETTS

CAPUTO AND WICK LTD. 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880