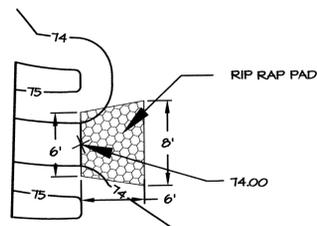


RECHARGE NOTES:

1. STRIP ALL TOPSOIL, SUBSOIL AND UNSUITABLE MATERIAL, FILL, TREE ROOTS AND STUMPS AND ANY OTHER IMPERVIOUS OR SPECIFIED SOIL IN THE AREA OF THE STRUCTURE AND 5 FEET BEYOND HORIZONTALLY IN ALL DIRECTIONS, WHERE POSSIBLE. STRIP MATERIAL VERTICALLY TO 3" MINIMUM INTO PERMEABLE NATIVE SOIL. REPLACE WITH GRANULAR FILL MEETING THE LATEST SPECIFICATIONS OF 310 CHR 15.255
2. CHAMBERS ARE TO BE INSTALLED AS PER MANUFACTURER'S INSTRUCTIONS.
3. IF CONDITIONS ENCOUNTERED DURING CONSTRUCTION VARY SUBSTANTIALLY FROM THOSE SHOWN ON THIS PLAN, NOTIFY CAPUTO AND WICK, LTD. BEFORE PROCEEDING WITH CONSTRUCTION.
4. ALL STONE USED FOR CONSTRUCTION OF THE SYSTEM MUST BE DOUBLE WASHED AS SPECIFIED BY 310 CHR 15.241. ACTUAL STONE MATERIAL MAY ALSO BE SUBJECT TO APPROVAL BY ENGINEER.
5. MATERIAL AND EQUIPMENT FROM ALTERNATE MANUFACTURERS MAY BE USED IF EQUAL. APPROVAL FOR ALTERNATE MATERIAL AND/OR EQUIPMENT REQUIRED FROM ENGINEER PRIOR TO CONSTRUCTION. FULL SPECIFICATIONS FOR ALTERNATE EQUIPMENT MUST BE PROVIDED BY CONTRACTOR.
6. THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR MONITORING, INSPECTING OR SUPERVISING THE ACTUAL CONSTRUCTION WORK. THE DESIGNER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR THE INSTALLATION AND MAINTENANCE OF THE SYSTEM.
7. FILL MEETING THE REQUIREMENTS OF 310 CHR 15.255 MUST BE PLACED ON SCARIFIED, RELATIVELY DRY NATIVE SOIL. THE CONTRACTOR SHALL PROVIDE FOR DEWATERING AS REQUIRED AND ALL WORK SHALL BE PERFORMED UNDER DRY CONDITIONS. IF DEWATERING IS NECESSARY DISCHARGE WATER MUST BE FILTERED THROUGH A "DANDY DEWATERING BAG", OR EQUAL.
8. BACKFILL STRUCTURE WITH WELL GRADED GRANULAR BACKFILL WHICH CONTAIN AN EVEN DISTRIBUTION OF PARTICLE SIZES WITH NO MORE THAN 12% PASSING THE #200 SIEVE COMPACTED TO A MINIMUM OF 95% OF THE STANDARD PROCTOR DENSITY. SEE THE TABLE OF ACCEPTABLE FILL MATERIALS IN STORMTECH'S DESIGN MANUAL, INSTALLATION MANUAL, OR WWW.STORMTECH.COM.

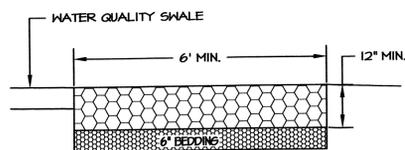
ROOF DRAIN RECHARGE STRUCTURE DETAIL

SCALE 1/4" = 1'-0"



RIP RAP PAD DETAIL

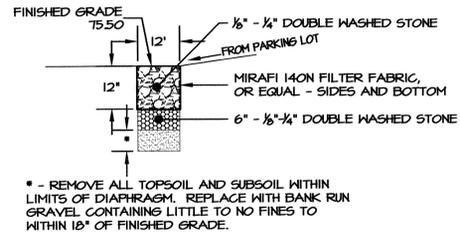
SCALE 1" = 8"



RIP RAP PAD SECTION

SCALE 1" = 8"

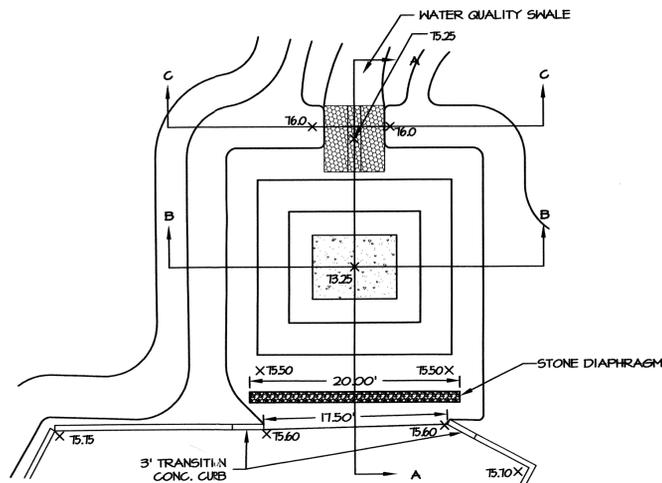
NOTE:
SIZE OF RIP-RAP TO BE MASS HIGHWAY STANDARD SPECIFICATIONS, DIVISION III MATERIAL CODE - M2.02.3 STONE FOR PIPE ENDS. EACH STONE SHALL WEIGH NOT LESS THAN 50 POUNDS NOT MORE THAN 125 POUNDS AND AT LEAST 75% OF THE VOLUME SHALL CONSIST OF STONES WEIGHING NOT LESS THAN 75 POUNDS EACH. BEDDING SHALL BE M2.01.1 CRUSHED STONE.



CRUSHED STONE DIAPHRAGM DETAIL

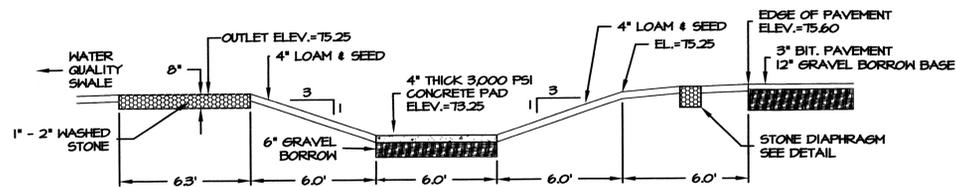
SCALE 1" = 2'-0"

* - REMOVE ALL TOPSOIL AND SUBSOIL WITHIN LIMITS OF DIAPHRAGM. REPLACE WITH BANK RUN GRAVEL CONTAINING LITTLE TO NO FINES TO WITHIN 10' OF FINISHED GRADE.



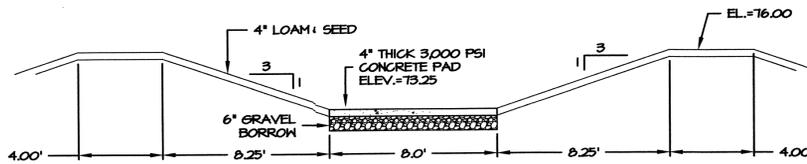
SEDIMENT TRAP

SCALE 1" = 8"



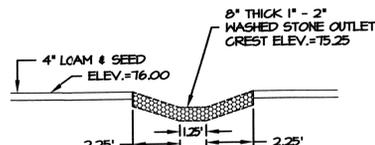
SECTION A-A

SCALE 1" = 4"



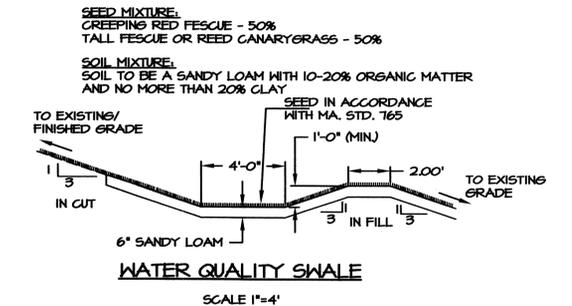
SECTION B-B

SCALE 1" = 4"



SECTION C-C

SCALE 1" = 4"



WATER QUALITY SWALE

SCALE 1" = 4"

EROSION & SEDIMENTATION CONTROL

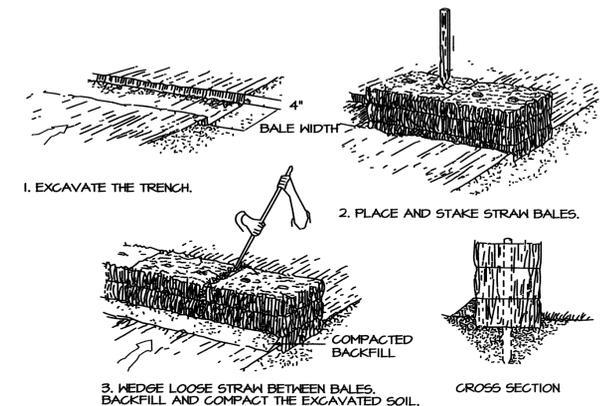
1. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2. ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
3. HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
4. NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
5. NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
6. ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
7. APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFFSITE FROM CONSTRUCTION EQUIPMENT.
8. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.

STORMWATER MANAGEMENT OPERATION AND MAINTENANCE PLAN

THE OWNERSHIP, OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM WILL BE THE RESPONSIBILITY OF THE OWNER, SHARUM ASSOCIATES, LLC.

RECOMMENDED STORMWATER MAINTENANCE SCHEDULE

1. THE DRIVEWAY AND PARKING AREAS SHALL BE SWEPT CLEAN ON A SEMI-ANNUAL BASIS TO REMOVE CONTAMINANTS AND SOIL FINES. IT IS PARTICULARLY IMPORTANT TO SCHEDULE SPRING SWEEPING TO REMOVE RESIDUAL SAND RESULTING FROM WINTER SNOW AND ICE REMOVAL OPERATIONS.
2. INSPECT THE FOREBAY AND WATER QUALITY SHALE ON AN ANNUAL BASIS, AND REMOVE ANY SEDIMENT, LEAVES AND DEBRIS. A LATE SPRING OR EARLY SUMMER INSPECTION SCHEDULE IS CONSIDERED PREFERABLE.



HAY BALE DETAIL

DETAILS 2

SEWAGE DISPOSAL SYSTEM PLAN	
PREPARED FOR SHARUM ASSOCIATES, LLC 25 TOWER ROAD SEEKONK, MASSACHUSETTS	
CAPUTO AND WICK LTD.	DATE FEB. 2008
1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	SHEET 4 OF 4