DISTURBANCE WHENEVER POSSIBLE.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE STATE OF CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. 2002.

ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PROPERLY MAINTAINED UNTIL STABILIZATION HAS BEEN ACHIEVED.

ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD IF NECESSARY OR REQUIRED. A MINIMUM OF 50 FEET OF SILT FENCE SHALL BE STORED AT THE SITE FOR EMERGENCY USE.

ANY EXCAVATIONS THAT MUST BE DEWATERED WILL BE PUMPED INTO A 15'x15' DIRTBAG ON-SITE. THE INLETS OF ALL PUMPS ARE TO BE FLOATED A MINIMUM OF 24 INCHES OFF THE BOTTOM OF THE EXCAVATION. THE CONTRACTOR SHALL KEEP A MINIMUM OF (2) 15'x15' DIRTBAGS ON-SITE THROUGHOUT THE EXCAVATION OF PROPOSED FOUNDATIONS.

WATER AND CALCIUM CHLORIDE SHALL BE APPLIED TO UNPAVED ACCESSWAYS TO PREVENT WIND GENERATED SEDIMENTS AND DUST.

DEBRIS AND OTHER WASTES RESULTING FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION ACTIVITIES WILL NOT BE DISCARDED ON-SITE.

SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH INTENT OF THE PLAN.

SILT FENCES SHALL HAVE SEDIMENT REMOVED WHEN THE DEPTH OF THE SEDIMENT IS EQUAL TO 1/3 TO 1/2 THE HEIGHT OF THE FENCE. FENCES SHALL BE PROPERLY INSTALLED AND RIPPED FENCE OR BROKEN POSTS REPAIRED AS SOON

ANTI-TRACKING PADS AND GRAVEL CHECK DAMS SHALL BE REPLACED WHEN VOID SPACES ARE FULL OR STRUCTURES ARE BREACHED, AS APPLICABLE.

TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AND THE SOIL SURFACE STABILIZED WHEN CONSTRUCTION IS COMPLETE AND THE SOIL SURFACES ARE PERMANENTLY STABILIZED. STRUCTURAL COMPONENTS SHALL BE CLEANED OF ALL SEDIMENT UPON COMPLETION OF CONSTRUCTION.

THE OWNER IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES INSTALLATION AND MAINTENANCE OF CONTROL MEASURES. INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING COMMISSION OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT PLAN IF AND WHEN THE TITLE OF LAND IS TRANSFERRED.

EXCAVATION/FILL NOTES:

. NO PROCESSING OF EARTH OF ANY KIND SHALL BE CONDUCTED ON THE SITE EXCEPT FOR MATERIAL THAT IS EXCAVATED DIRECTLY FROM THE PROJECT SITE FOR USE ON THE PROJECT SITE. THERE SHALL BE NO SHARP DECLIVITIES, PITS OR DEPRESSIONS. 3. PROPER SURFACE DRAINAGE SHALL BE PROVIDED AND GROUNDWATER SHALL NOT BE POLLUTED.

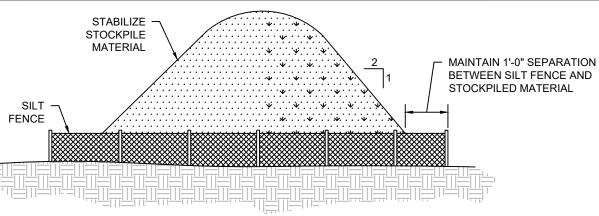
4. AFTER EXCAVATION OR FILLING, THE PREMISES SHALL BE CLEARED OF DEBRIS AND TEMPORARY STRUCTURES WITHIN THE TIME PROVIDED IN THE PERMIT

5. FILL MATERIAL SHALL NOT INCLUDE ORGANIC (FOR EXAMPLE TREE STUMPS, LEAVES, BRUSH OR OTHER MATERIALS THAT DECOMPOSE, ETC.) OR PETROLEUM BASED PRODUCTS OR MATERIALS.

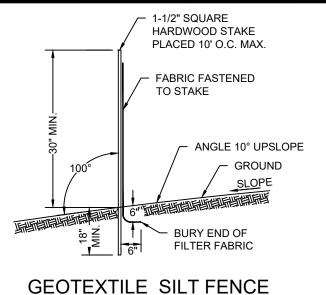
15,660 X 50% OF THE ALLOWABLE TOTAL COVERAGE PERCENTAGE IN RESPECTIVE ZONE X 10' DIVIDED BY 27 CUBIC FEET =

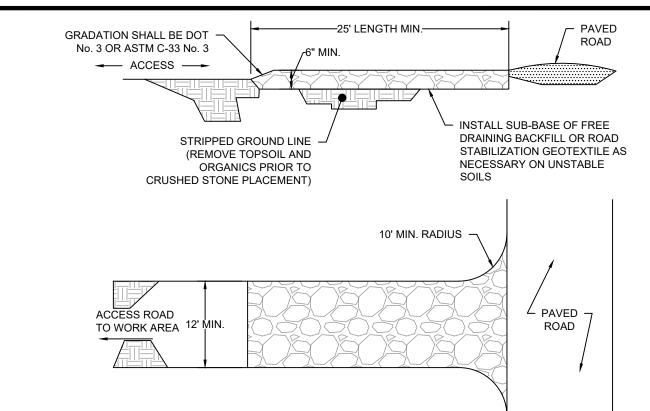
15,660 SF X (0.5 X 25%) X 10 / 27 = 725 CY

PROPOSED FILL: 125 CY PROPOSED CUT: 10 CY TOTAL: 135 CY 135 CY < 725 CY



STOCKPILE DETAIL





CONSTRUCTION ENTRANCE

WASHED, CRUSHED STONE FEED CONNECTOR WHERE SPECIFIED CULTEC NO. 410 NON-WOVEN GEOTEXTILE AROUND STONE. TOP AND SIDES ARE MANDATORY; BOTTOM RECHARGER 150XLHD -- FINISHED GRADE PER ENGINEER'S HEAVY DUTY CHAMBER DESIGN PREFERENCE - NATURALLY COMPACTED FILL 12.0' [3.65m] MAX 6.0" [152mm] MIN. BURIAL DÉPTH f 6.0" [152mm] MIN. 18.5" [470mm] 6.0" [152mm] MIN. - CULTEC NO. 4800 WOVEN GEOTEXTILE (FOR SCOUR PROTECTION) TO BE PLACED BENEATH INTERNAL 39.0" [991mm] MANIFOLD FEATURE AND BENEATH ALL INLET/OUTLET 12.0" [305mm] MIN. 33.0" [838mm] ---CENTER TO CENTER - DESIGN ENGINEER RESPONSIBLE FOR ENSURING THE REQUIRED BEARING CAPACITY OF SUB-GRADE SOILS (TYP.)

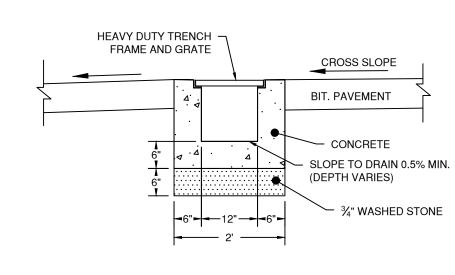
_ 1 - 2 INCH [25- 51mm] DIA.

CULTEC HVLV FC-24 ¬

RECHARGER 150XLHD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 4.89 CF/FT (0.45 m³/m) PER DESIGN UNIT. REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. MAXIMUM ALLOWED COVER OVER TOP OF UNIT SHALL BE 12 '(3.65m). THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.

ALL RECHARGER 150XLHD HEAVY DUTY UNITS ARE MARKED WITH A COLORED STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER. ALL RECHARGER 150XLHD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

CULTEC RECHARGER 150XLHD HEAVY DUTY (NON-TRAFFIC APP.) TYPICAL CROSS SECTION



TEST HOLE DATA

TEST HOLE 101

TEST HOLE 102

TEST HOLE 103

PERCOLATION TEST DATA

11:40

11:50

12:00

12:10

12:20

12:30

Final Rate:

0 - 14''

14 – 51"

5**1 –** 96"

0 - 24"

24 – 36"

36 – 80"

0 – 18"

18 – 30"

30 – 80"

SOIL TEST CONDUCTED ON NOVEMBER 13, 2023

BROWN SAND & SILT

GRAY MOTTLED SILT

RESTRICTIVE LAYER AT 51"

TAN MOTTLED HARDPAN

RESTRICTIVE LAYER AT 24"

TAN MOTTLED HARDPAN

RESTRICTIVE LAYER AT 18"

GRAY MOTTLED SILT

12.00

19.00

21.00

22.50

23.50

GRAY MOTTLED SILT

MOTTLING AT 51", GROUNDWATER AT 94", NO LEDGE

MOTTLING AT 24", GROUNDWATER AT 78", NO LEDGE

MOTTLING AT 18", GROUNDWATER AT 73", NO LEDGE

Drop Interval

5.00 00:10

3.00 00:10

2.00 00:10

1.50 00:10

1.00 00:10

10.00 minutes

00:10

Date: 11/14/2023

(min./in.)

2.00

5.00

6.67

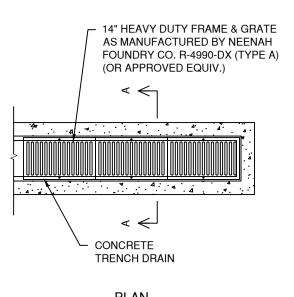
10.00

Presoak: 1 hr

ROOTS TO 35"

TOPSOIL

SECTION A-A



TRENCH DRAIN

SITE/CIVIL • ENVIRONMENTAL • SURVEYING • PLANNING 518 RIVERSIDE AVENUE • WESTPORT, CT 06880 • 203-454-2110

HELLO@LANDTECHCONSULT.COM • WWW.LANDTECHCONSULT.COM

PAUL & CATHERINE HAVAS

9 LAKEVIEW ROAD WESTPORT, CT

SITE IMPROVEMENTS FOR A PROPOSED SINGLE FAMILY RESIDENCE

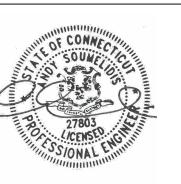
DRAWING TITLE:

NOTES AND DETAILS

PROJECT No. 23234-01 DESIGNED BY: CHECKED BY: 11/01/2023

N.T.S.

DRAFT PRINT NOT FOR CONSTRUCTION



C-2.0