

NO.	DATE	REVISION

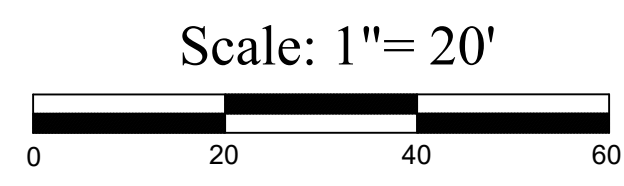
DECOULOS & COMPANY
 185 ALEWIFE BROOK PARKWAY
 CAMBRIDGE, MA 02138
 WWW.DECOULOS.COM
 617 489 7795

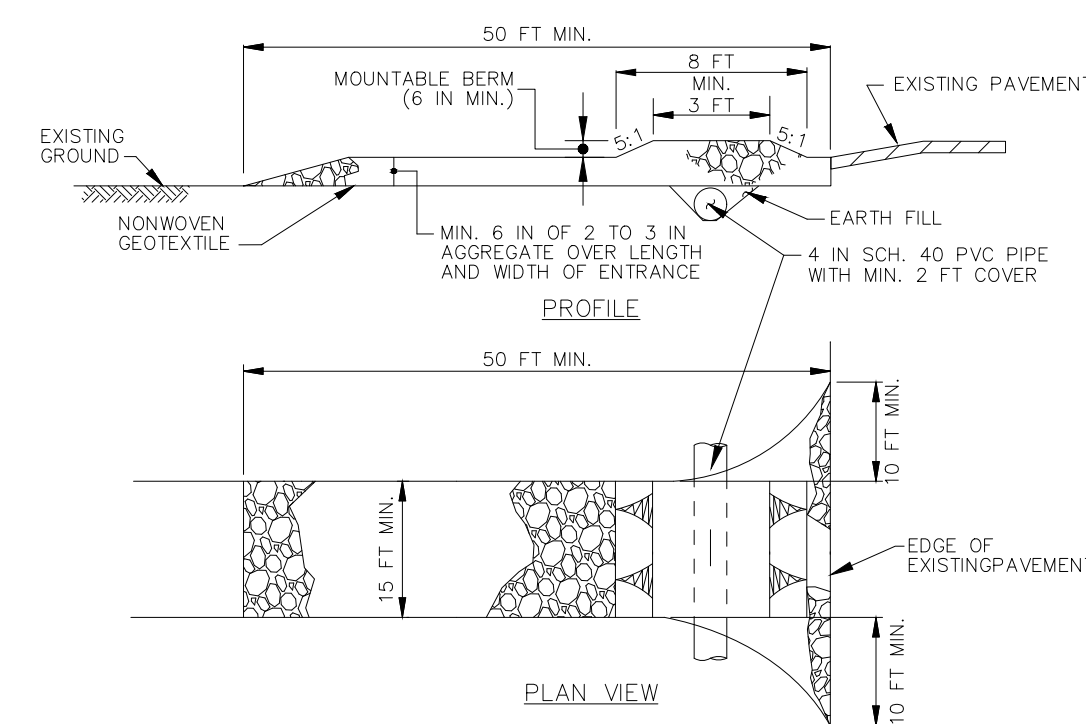
PROPOSED CONDITIONS
DANIELSVILLE OSRD - LOTS 1 TO 5
ROWLEY, MASSACHUSETTS

DATE	10/30/23
SCALE	1" = 20'
DRWN	TCM
DES	JJD
CHKD	GPB
APRVD	JJD
SHEET NO.	1 of 2

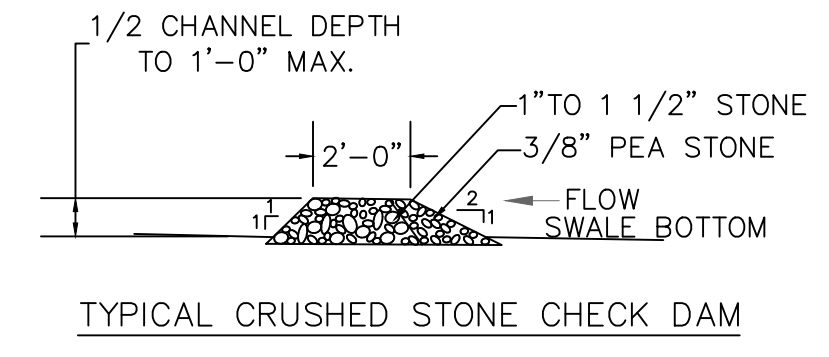
LEGEND

- BORDERING VEGETATED WETLAND
 - 25' NO DISTURBANCE ZONE
 - 100' BWV BUFFER ZONE
 - PROP. EROSION CONTROL BARRIER
 - PROP. DRAINAGE CATCH BASIN
 - PROP. DRAINAGE MANHOLE
 - PROP. STORMWATER SEPARATOR
 - PROP. SEWER COLLECTION PIPING
 - PROP. STONE RETAINING WALL
 - PROP. 8 INCH BLUE BRUTE WATER PIPE
 - PROP. WATER GATE VALVE
 - PROP. FIRE HYDRANT
 - PROP. UNDERGROUND ELECTRIC/TELECOM
 - PROP. ELECTRICAL TRANSFORMER
 - PROP. STREET LIGHT
 - PROP. 2,000 GALLON SEPTIC TANK
- PROPOSED STORMWATER INFILTRATION FIELD FOR ROOF RUNOFF SHALL CONSIST OF FOUR CULTREC RECHARGER 280HD UNITS SURROUNDED BY 12 INCHES OF 1 1/2 INCH WASHED, CRUSHED STONE. INSPECTION PORTS SHALL BE PROVIDED AT INLET AND OUTLETS TO THE FIELD. INLET AND OUTLET PIPING SHALL BE SIX INCH SCH. 40 PVC.
- PROPOSED STORMWATER QUALITY SWALE WITH SEDIMENT FOREBAY FOR MANAGING RUNOFF FROM DRIVEWAY SURFACES FOLLOWING THE GUIDELINES OF THE MASSDEP STORMWATER HANDBOOK. SUBJECT TO FIELD REVIEW AND ADMINISTRATIVE APPROVAL BY ROWLEY CONSERVATION COMMISSION AGENT.

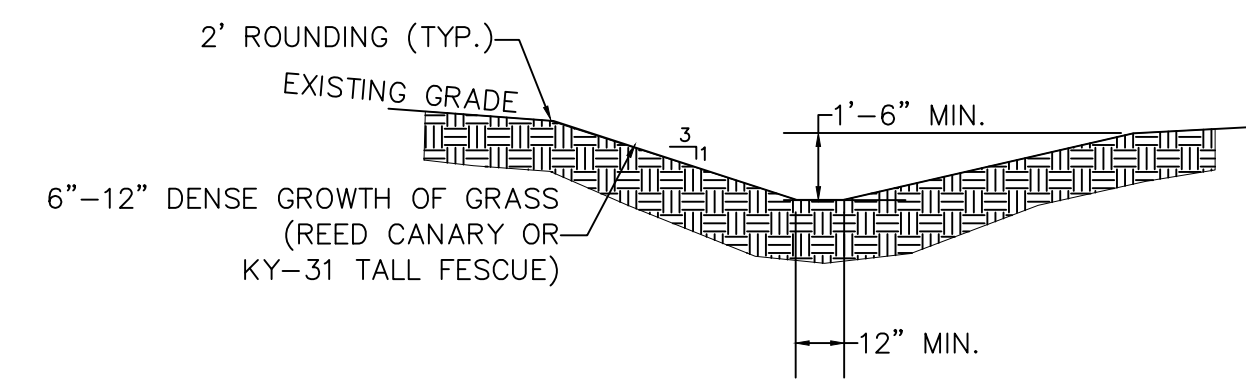




TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
N.T.S.



TYPICAL CRUSHED STONE CHECK DAM

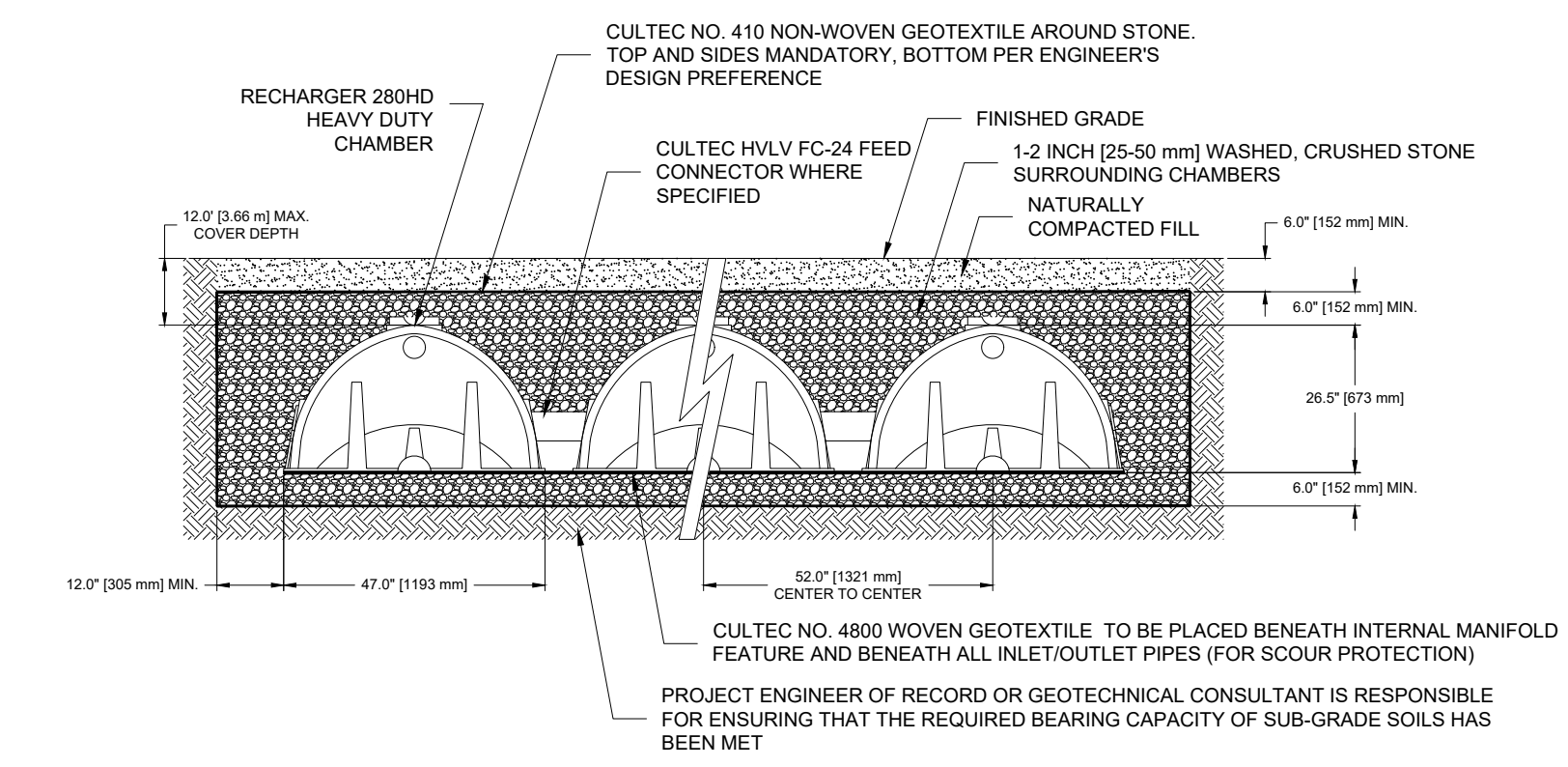


CHANNEL STABILIZATION SCHEDULE

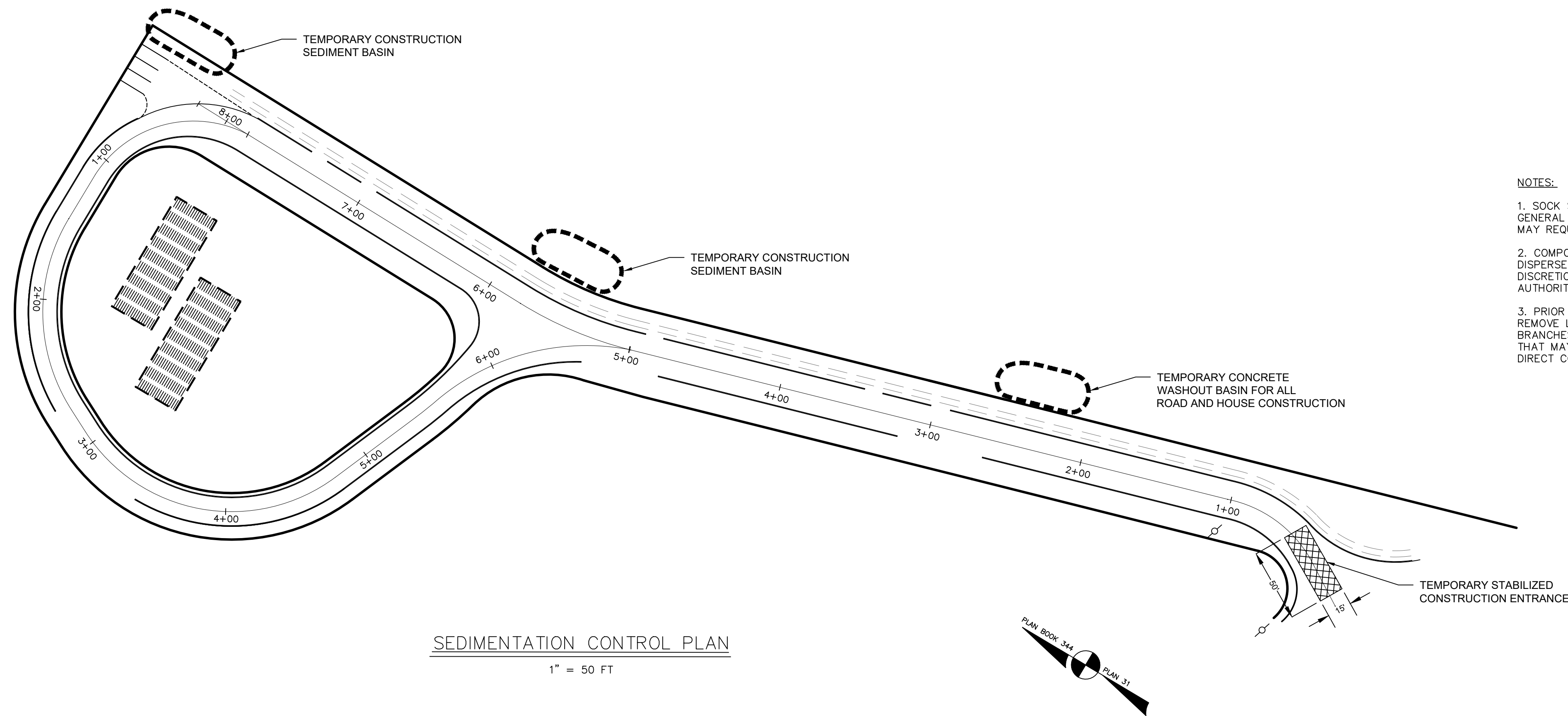
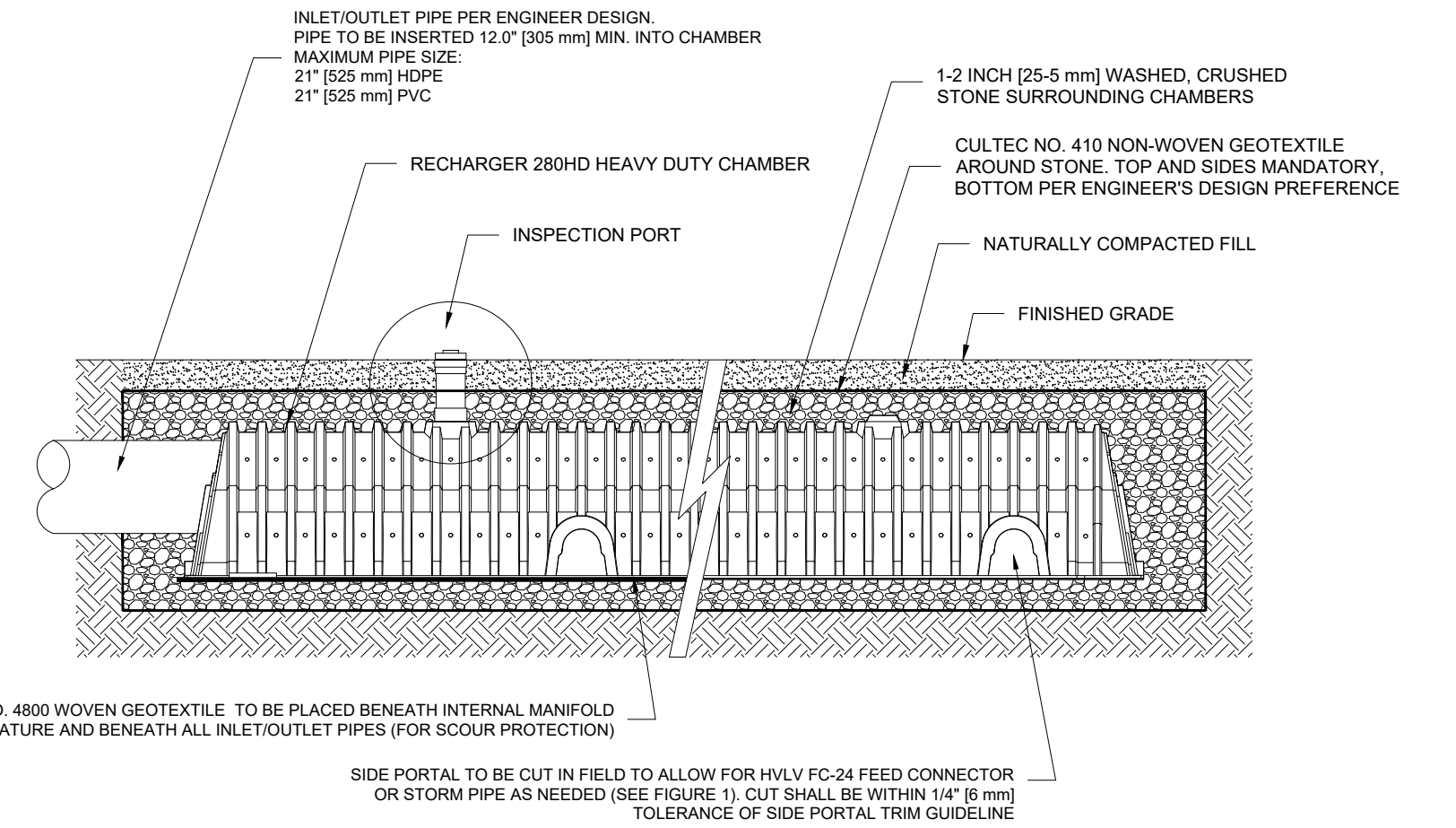
GRADE	TYPE OF TREATMENT
0.5-3.0%	LOAM & SEED, MULCH
3.1-5.0%	LOAM & SEED, TEMPORARY WOVEN LINING, CHECK DAMS
5.1-8.0%	LOAM & SEED, PERMANENT WOVEN LINING, CHECK DAMS
8.1-20.0%	RIPRAP LINED

- NOTES
1. INSTALL CRUSHED STONE CHECK DAM IN UPGRADIENT PORTION OF SWALE TO CREATE A SEDIMENT FOREBAY.
 2. SWALE SLOPES AS NOTED ON PLANS ARE MINIMUM SLOPES.

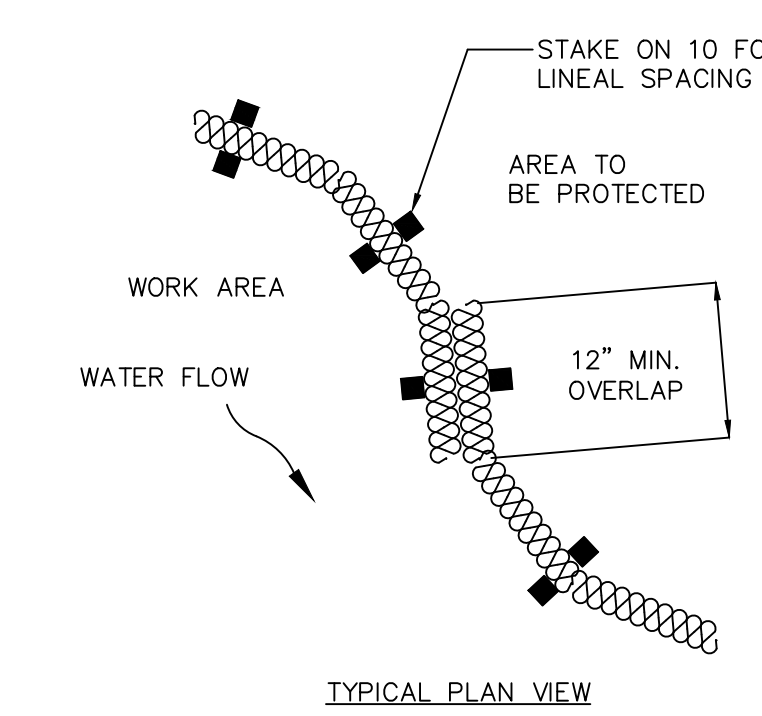
STORMWATER QUALITY SWALE FOR DRIVEWAYS
N.T.S.



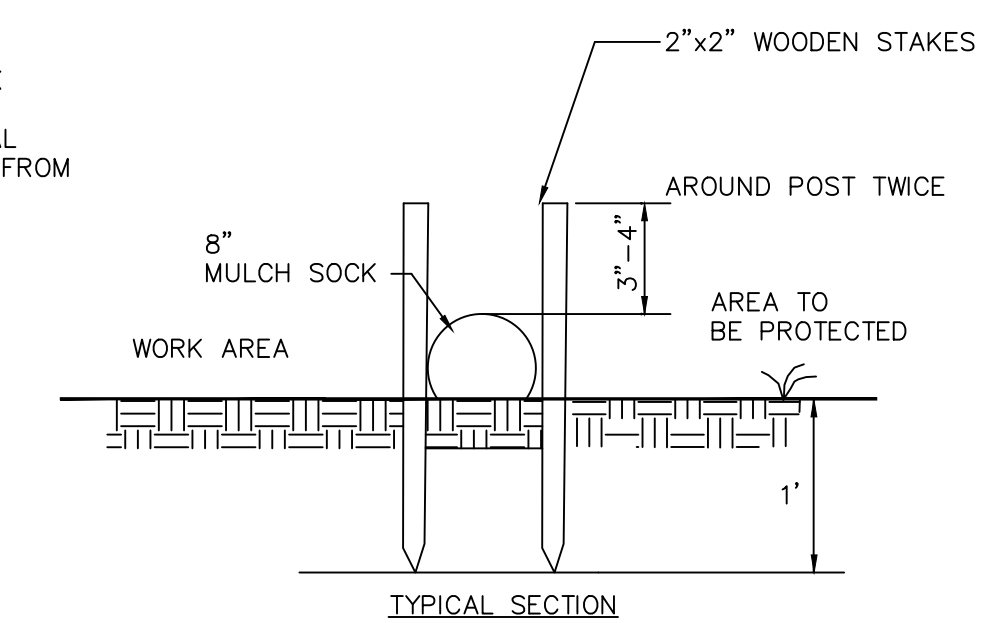
CULTEC RECHARGER 280HD FOR HOUSES
N.T.S.



SEDIMENTATION CONTROL PLAN
1" = 50 FT



- NOTES:
1. SOCK SIZE DEPICTED FOR GENERAL SIZE. GREATER SLOPES MAY REQUIRE LARGER SOCK.
 2. COMPOST MATERIAL MAY BE DISPERSED ON SITE AT THE DISCRETION OF THE APPROVING AUTHORITY.
 3. PRIOR TO SETTING THE SOCK REMOVE LOOSE FOREST LITTER, BRANCHES AND OTHER MATERIAL THAT MAY PREVENT THE SOCK FROM DIRECT CONTACT WITH GROUND.



COMPOSTABLE FILTER EROSION CONTROL SOCK
N.T.S.

DECOULOS & COMPANY
185 ALEWIFE BROOK PARKWAY
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ROWLEY, MASSACHUSETTS

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10/30/23
SCALE
AS NOTED

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DES JJD
CHKD GPB
APRVD JJD

SHEET NO.
2 of 2

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