

CULTEC RECHARGER 330XLHD

REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION

THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED

STANDARE CATCH BASIN TRAP

3. EARTH COVER - 0 TO 5 FEET 4. CONSTRUCTION JOINT - LAPPED

BY CAMPBELL FOUNDRY 2560 —

OR APPROVED EQUAL

NOTES:

1. CONCRETE - 3,500 PSI MINIMUM STRENGTH @ 28 DAYS

2. DESIGN LOADING - AASHTO HS20-44

GUIDELINES.

HEAVY DUTY CAST IRON CAMPBELL GRATE -2814 OR EQUAL

3,500 PSI _

CONCRETE

6" SUBBASE COURSE TYPE 2

UNDISTURBED

INSTALLATION INSTRUCTIONS

LENGTH OF THE CHAMBER.

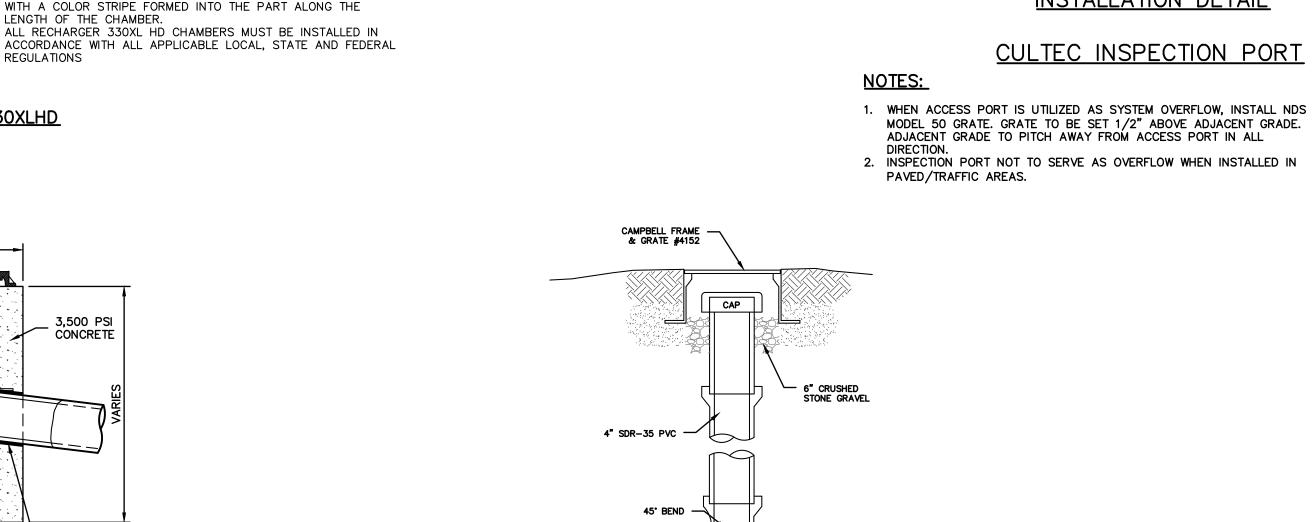
3,500 PS CONCRETE

PROVIDE BOOT OR

RING FOR PVC OR

DIP PIPE OPENING IN CATCH BASIN

REGULATIONS



SEE PAVED SURFACE -

SDR-35 PVC PIPE

TYPICAL CULTEC CHAMBER

INSPECTION PORT

INSTALLATION DETAIL

CULTEC INSPECTION PORT

-6" SDR-35/SCH.40

W/ SCREW-IN CAP

CLEAN-OUT ADAPTER

6" INTERNAL COUPLING

PVC ENDCAP

(SEE NOTE 1)

INSTALLATION DETAIL FOR

INSTALLATION IN TRAFFIC AREAS.

FINISHED GRADE _ 6" SCH. 40 PVC OR

NATURALLY COMPACTED FILL-

REFER TO RECOMMENDED MIN. – MAX. BURIAL

REQUIREMENTS

CULTEC NO. 410 NON-WOVEN-

GEOTEXTILE AROUND STONE.

BOTTOM PER ENGINEER'S

1 - 2 IN. DIA. WASHED,-

SURROUNDING CHAMBER

BOTTOM TO FINAL ELEVATION

AND INSPECTION PORT

(THIS CHAMBER ONLY)

DESIGN PREFERENCE

CRUSHED STONE

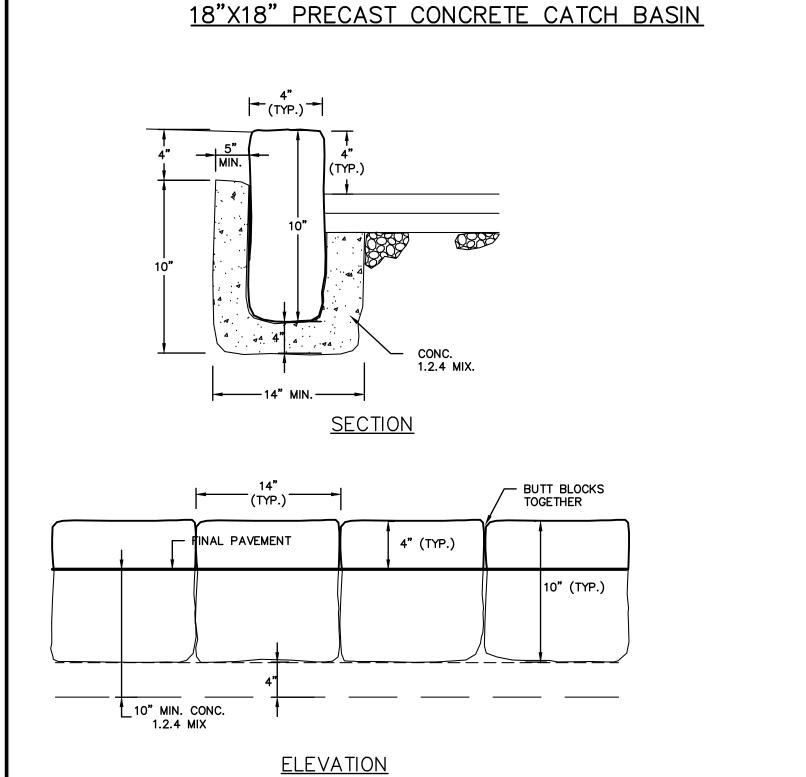
ASSEMBLY FROM

TOP AND SIDES MANDATORY,

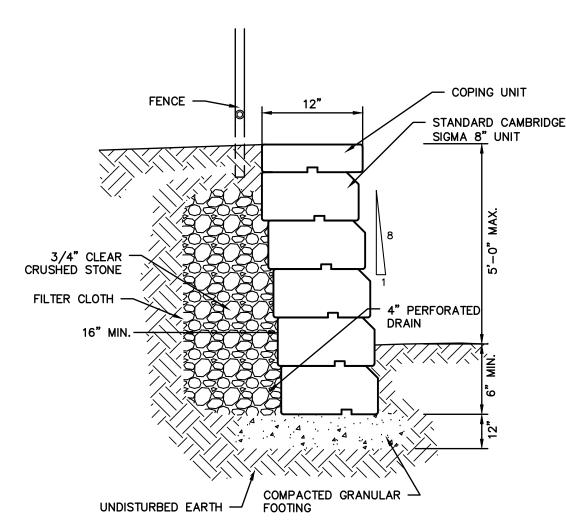
NOTES (STORM SEWER):
1. REFER TO PLAN FOR SPECIFIC PIPE SIZING AND SLOPE SPECIFICATIONS; HOWEVER, IN GENERAL, ALL STORM SEWER SERVICES TO BE 6"0 SCH. 40 @ 1.0% MINIMUM. CLEANOUTS SHALL BE PLACED BEFORE SIGNIFICANT PIPE BEND LOCATIONS (I.E., JUNCTIONS, 90-DEGREE BENDS, ETC.) UNLESS A ROOF LEADER DOWNSPOUT CONNECTION

(STORM OR SANITARY)

SEWER CLEANOUT DETAIL (GRAVITY)

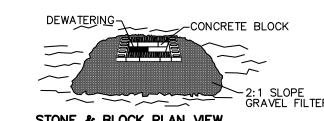


BELGIUM BLOCK CURB DETAIL

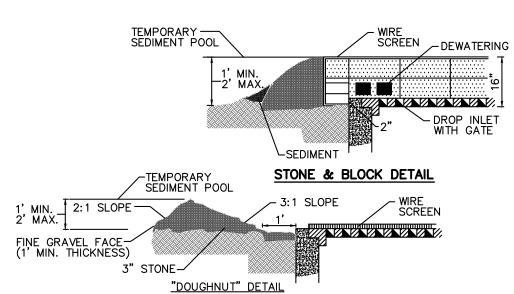


INTERLOCKING RETAINING WALL CONTRACTOR TO SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL

STONE & BLOCK DROP INLET PROTECTION

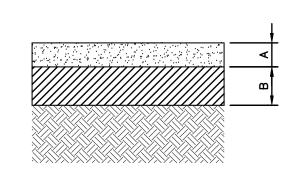


STONE & BLOCK PLAN VIEW

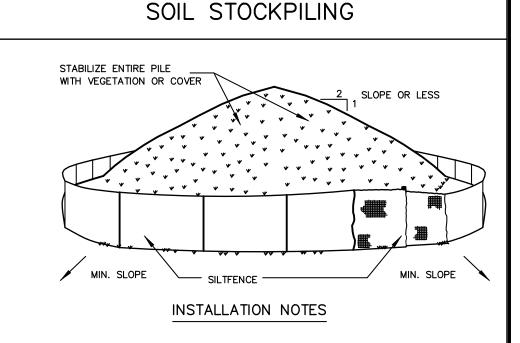


CONSTRUCTION SPECIFICATION

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR DEWATERING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
- 2. HARDWARECLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
- 3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF BLOCK ON A 2:1 SLOPE OR FLATTER. 4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS. MAXIMUM DRAINAGE AREA 1 ACRE.

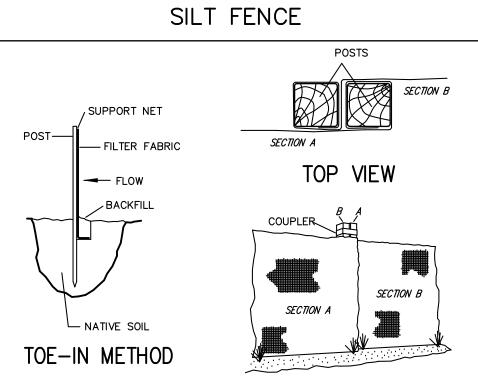


A- 2" TOP COURSE- N.Y.S.D.O.T. ITEM, 403.178202, TYPE 6 F2 B- 4" SUBBASE COURSE- N.Y.S.D.O.T. ITEM, 304.12, TYPE 2 DRIVEWAY PAVEMENT SECTION



INSTALLATION NOTES: 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. SOILS OR FILL TO BE STOCKPILED ON SITE DURING CUTTING AND FILLING ACTIVITIES SHOULD BE LOCATED ON LEVEL PORTIONS OF THE SITE WITH A MINIMUM OF 50-75 FOOT SETBACKS FROM TEMPORARY DRAINAGE SWALES.
3. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. 4. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

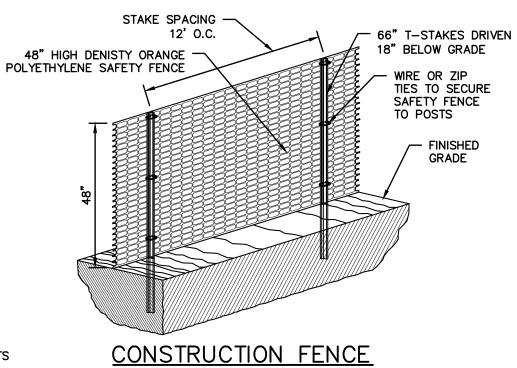
5. STOCKPILES REMAINING IN PLACE FOR MORE THAN A WEEK SHOULD BE SEEDED AND MULCHED OR COVERED WITH GEOTEXTILE FABRIC SURROUNDED BY SILT FENCE. 6. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.

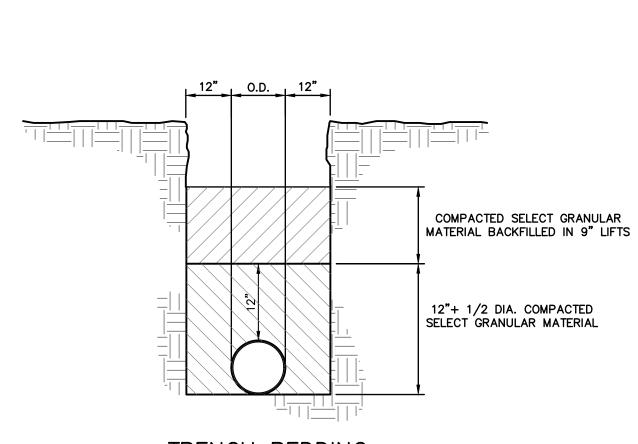


JOINING SECTIONS OF FENCING

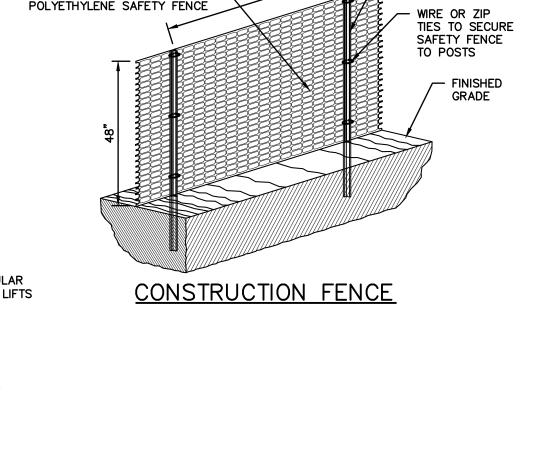
INSTALLATION NOTES: 1. EXCAVATE A 4 INCH * 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM)WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).

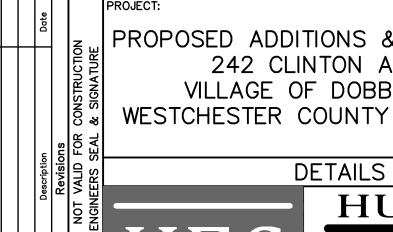
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM. 4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT 5. JOIN SECTIONS AS SHOWN ABOVE.



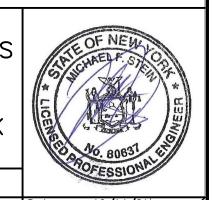


TRENCH BEDDING





PROPOSED ADDITIONS & ALTERATIONS 242 CLINTON AVENUE VILLAGE OF DOBBS FERRY WESTCHESTER COUNTY - NEW YORK



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Designed By: N.S. Checked By: M.S.

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