

REVISED ON JULY 18, 1997.

EROSION & SEDIMENT CONTROL GENERAL

1. THIS PROJECT QUALIFIES FOR COVERAGE UNDER THE NYSDEC GENERAL PERMIT GP 0-20-001. A NOTICE OF INTENT (NOI) MUST BE FILED WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION AND AUTHORIZATION RECEIVED PRIOR TO CONSTRUCTION ACTIVITIES.

2. A STORMWATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES GP 0-20-001 AND SHALL BE CONSIDERED SUPPLEMENTAL TO THESE PLANS.

3. ANY CONTRACTOR INVOLVED IN ANY EARTHWORK ACTIVITY SHALL REVIEW ALL PLANS AND PERMIT CONDITIONS AND CERTIFY ACKNOWLEDGEMENT IN WRITING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT ALL EROSION CONTROLS DESCRIBED IN GP 0-20-001, AND IT IS NOT THE INTENT OF THESE DRAWINGS TO REPLACE OR DISSEMINATE THE PERMIT REQUIREMENTS. THE CONTRACTOR SHALL REMAIN IN COMPLIANCE WITH THE PERMIT AT ALL TIMES

4. NO MORE THAN FIVE (5) ACRES OF SITE SHALL BE DISTURBED AT ONE TIME. THE CONTRACTOR SHALL COORDINATE EARTHWORK ACTIVITIES AND IMPLEMENTATION OF SOIL STABILIZATION MEASURES TO ENSURE COMPLIANCE WITH THIS REQUIREMENT.

5. DISTURBED AREAS SHALL NOT BE LEFT UNSTABILIZED FOR MORE THAN 14 DAYS AFTER COMPLETION OR SUSPENSION OF GRADING OPERATIONS.

6. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE LATEST EDITION OF NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL." (aka: THE BLUE BOOK) EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

7. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE TOWN ENGINEER HAS APPROVED FINAL STABILIZATION.

8. SILT FENCE AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THESE DETAIL SHEETS AND SECTION 7A OF THE BLUE BOOK.

9. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.

TEMPORARY EROSION AND SEDIMENT CONTROL NOTES:

1. IT IS THE INTENT OF THESE PLANS AND NOTES TO BE USED AS A GUIDE BY THE CONTRACTOR TO ENSURE THAT NO ERODED MATERIAL MIGRATES FROM THE SITE OR ENTERS ANY WATER COURSE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THIS GOAL IS MET, BY IMPLEMENTING THESE PLANS AND ANY ADDITIONAL MEANS THAT MAY BE NECESSARY. FURTHER MEASURES MAY BE REQUIRED BY THE CITY, VILLAGE, OR TOWN ENGINEER. WHILE MANY OF THE EROSION CONTROL DETAILS CONTAINED WITHIN THESE PLANS ARE TAKEN DIRECTLY FROM THE BLUE BOOK, THE CONTRACTOR SHOULD CONSIDER ANY OF THE DETAILS CONTAINED IN SECTION 7A OF THE BLUE BOOK AS ACCEPTABLE PRACTICE IN THE APPROPRIATE APPLICATION.

2. THE OWNER/OPERATOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES DAILY AND AFTER EACH RAINFALL EVENT THROUGH THE ENTIRE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE—SEEDED AND PROTECTED FROM FURTHER EROSION. ALL SEDIMENT ACCUMULATED SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDED AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. DURING THESE PERIODIC INSPECTIONS, THE FOLLOWING ITEMS SHOULD BE PAID PARTICULAR ATTENTION: A. SILT FENCING SHALL BE INSPECTED FOR UNDERMINING AND DETERIORATION. B. SEEDED/MULCHED AREAS SHALL BE INSPECTED TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.

3. PRIOR TO ANY CONSTRUCTION ACTIVITY, THE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.

4. SILT FENCE AND OTHER EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THESE DETAIL SHEETS AND SECTION 7A OF THE BLUE BOOK. SILT FENCING SHALL BE INSTALLED AT THE PERIMETER OF ALL SLOPES TO BE GRADED, PRIOR TO GRADING OPERATIONS.

5. CLEARING OPERATIONS SHALL BE LIMITED TO ACTIVE WORK

6. CARE SHALL BE TAKEN TO PRESERVE AS MUCH EXISTING VEGETATION AS POSSIBLE AND HEALTHY TREES OF DESIRABLE SPECIES SHALL BE PROTECTED.

7. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES. EQUIPMENT SHALL NOT OPERATE, UNNECESSARILY, WITHIN WATERWAYS OR DRAINAGE DITCHES.

8. EXISTING PAVEMENT AREAS SHALL BE CLEANED AT THE DIRECTION OF THE CITY, VILLAGE, OR TOWN ENGINEER.

9. WATER TRUCKS SHALL BE USED TO MINIMIZE DUST POLLUTION ON SITE, AND ON ADJACENT ROADWAY AREAS AS DIRECTED BY THE CITY, VILLAGE, OR TOWN ENGINEER.

10. ANY WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE PUMPED INTO A DEWATERING PIT.

11. ALL AREAS DISTURBED IN THE CONSTRUCTION PROCESS SHALL BE STABILIZED WITH SEED AND MULCH NO MORE THAN 14 DAYS AFTER THE COMPLETION OF WORK IN SUCH AREA. IT MAY BE NECESSARY TO SEED AND MULCH SOME AREAS SEVERAL TIMES TO MEET THIS REQUIREMENT.

12. ALL EROSION CONTROL DEVICES SHALL BE PLACED IN THE ENTIRE PHASE AS SHOWN ON THE EROSION CONTROL PLAN PRIOR TO ANY WORK ON SUCH PHASE.

13. STOCK PILES SHALL BE PROTECTED BY SILT FENCE AND SEEDED PER GP 0-20-001. THESE DEVICES SHALL BE MAINTAINED IN GOOD CONDITION UNTIL SAID STOCK PILES ARE REMOVED AND AREAS ARE PERMANENTLY STABILIZED.

14. WHEN RUNOFF IS COLLECTED AND FLOW IS CONCENTRATED IN A SWALE OR DRAINAGE DITCH, THEN CHECK DAMS SHALL BE INSTALLED TO REDUCE VELOCITY UNTIL THE SWALE AND THE AREA DRAINING TO THE SWALE ARE STABILIZED. SEDIMENT SHALL BE REMOVED FROM THE DAM AS NEEDED TO ALLOW THE CHANNEL TO DRAIN THROUGH THE DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT

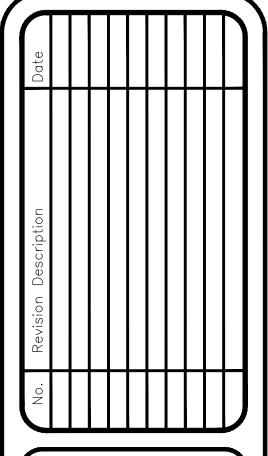
15. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.

16. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION AND EQUIPMENT ENTRANCE WHENEVER PRACTICABLE.

17. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL THE CITY, VILLAGE OR TOWN ENGINEER HAS APPROVED FINAL STABILIZATION



SITE LOCATION MAP SCALE: N.T.S.



PRIOR TO ANY EARTH
DISTURBANCE THE CONTRACTOR
SHALL CALL IN A TICKET TO
DIG SAFE NY AND OBTAIN A
CLEAR TO DIG

IT IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTER ANY ITEM ON THIS PLAN IN ANY WAY UNLESS HE/SHE IS ACTING UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER.

CHRISTOPHER D. LONGO, PE N.Y.S. LIC. # 095840

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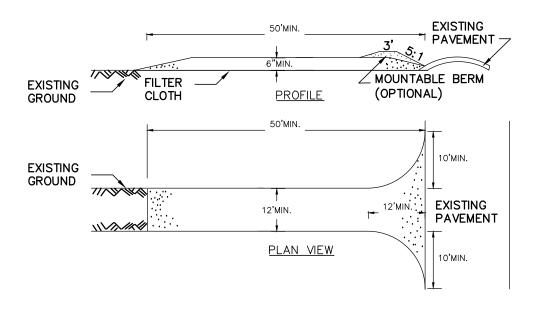
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ROJECT CAROGA LAKE ARTS COLLECTIVE, INC.

1989 STATE HWY 10 CAROGA LAKE, NY

E&SC PLAN

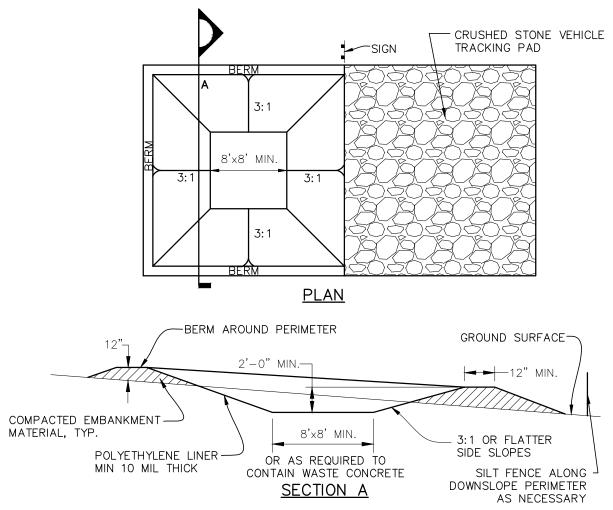
Date 06/23/2021 Sheet 1"=40' 1 0



1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE

- EQUIVALENT. 2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 4. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE
- ENTRANCE TO SITE. 5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CON-STRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS
- IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED. 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

STABILIZED CONSTRUCTION ENTRANCE DETAIL



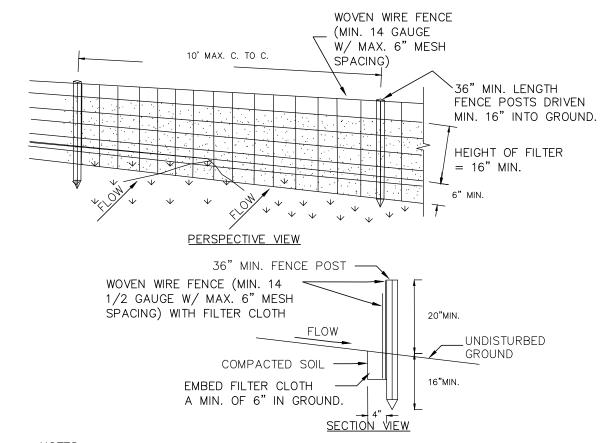
- CONCRETE WASHOUT AREA INSTALLATION NOTES

 1. SEE PLAN VIEW FOR LOCATIONS OF CONCRETE WASHOUT AREA
 2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
- VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT. 4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF CONCRETE WASHOUT AREA TO
- OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- 5. A POLYETHYLENE LINER MINIMUM 10 MIL THICKNESS SHALL BE INSTALLED AND SECURED WITHIN THE WASHOUT AREA.

6. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

- CONCRETE WASHOUT AREA MAINTENANCE NOTES THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS
- NFCESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE. 2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
- 3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL, SEED AND MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
- 4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.

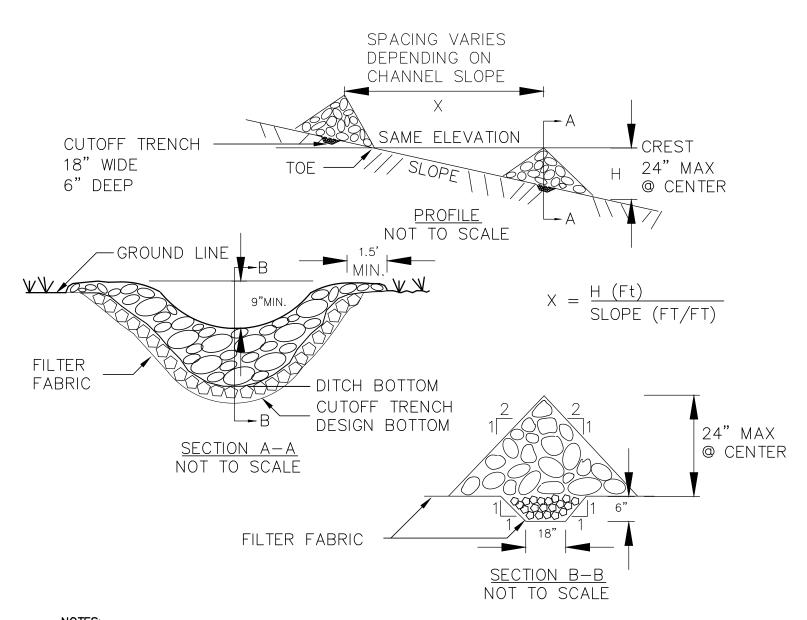
CONCRETE WASHOUT DETAIL



1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD. 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.

3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT. 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE DETAIL

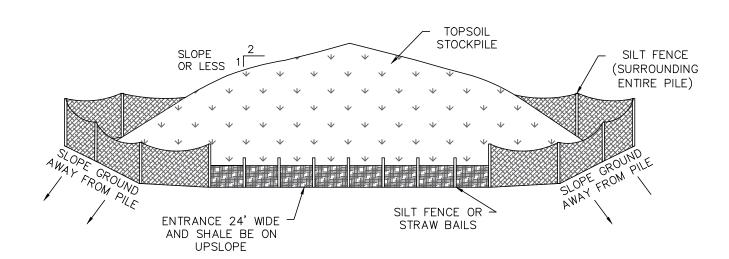


NOTES: 1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE

- 2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS
- AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.

 EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR
- LINER AS APPROPRIATE. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT
- TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. 6. MAXIMUM DRAINAGE AREA 2 ACRES.

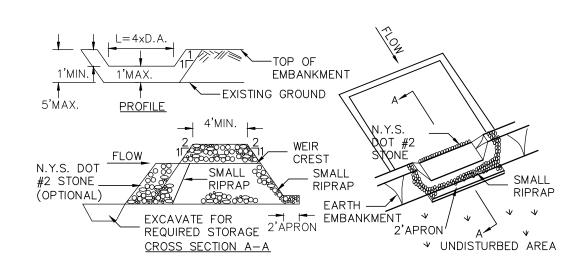
CHECK DAM DETAIL



NECESSARY.

- SILT FENCE SHALL BE INSTALLED PER DETAIL. 2. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS,
- IT SHALL BE STABILIZED WITH SEED AND MULCH IMMEDIATELY AFTER COMPLETION OF STOCKPILING.
- 3. SILT FENCE SHALL BE INSPECTED WEEKLY AND SEDIMENT TRAPPED BY THE FENCING SHALL BE REMOVED OF AS
- 4. SILT FENCE SHALL REMAIN IN PLACE UNTIL THE ENTIRE PILE HAS BEEN ELIMINATED.
- 5. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.

TEMPORARY TOPSOIL STOCKPILE DETAIL

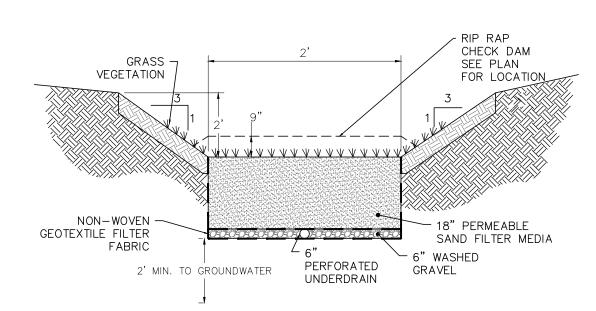


1. AREA UNDER EMBANKMENT SHALL BE CLEARED, GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. 2. THE FILL MATERIAL FOR THE EMBANKMENT SHALL BE FREE OF ROOTS AND OTHER WOODY VEGETATION AS WELL AS OVER-SIZED STONES, ROCKS, ORGANIC MATERIAL OR OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED. 3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.

4. THE STONE USED IN THE OUTLET SHALL BE SMALL RIPRAP 4"-8" ALONG WITH A 1' THICKNESS OF 2" AGGREGATE PLACED ON THE UP-GRADE SIDE ON THE SMALL RIPRAP OR EMBEDDED FILTER CLOTH IN THE RIPRAP. 5. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. 6. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS

7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION 8. THE STRUCTURE SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED. MAXIMUM DRAINAGE AREA 5 ACRES

STONE OUTLET SEDIMENT TRAP DETAIL

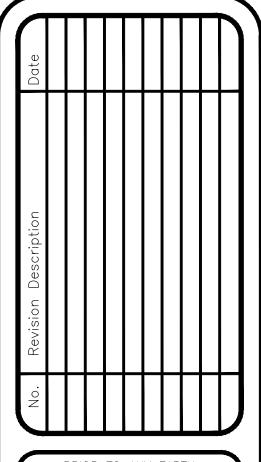


NOTES:

1. DISTURBED AREAS SHALL BE PLANTED WITH ENVIRONMENTAL SEED MIX.

- VEGETATION SHALL BE MAINTAINED AT 6" HEIGHT. 3. ALL TREES, BRUSH, STUMPS AND OTHER OBSTRUCTIONS SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTION OF THE
- 4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO MEET THE CROSS SECTION SHOWN ABOVE AND SHALL BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES THAT MAY IMPEDE FLOW.
- 5. NON-WOVEN GEOTEXTILE FABRIC SHALL BE INSTALLED ON THE BOTTOM AND SIDES OF THE TRENCH AS WELL AS BETWEEN THE STONE AND SAND LAYERS.

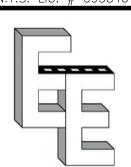
DRY SWALE DETAIL



PRIOR TO ANY EARTH DISTURBANCE THE CONTRACTOR SHALL CALL IN A TICKET TO DIG SAFE NY AND OBTAIN A CLEAR TO DIG

IS A VIOLATION OF SECTION 7209 OF THE NYS EDUCATION LAW FOR ANY PERSON TO ALTE ANY ITEM ON THIS PLAN IN AN' WAY UNLESS HE/SHE IS ACTIN UNDER THE DIRÉCT SUPERVISION OF A PROFESSIONAL ENGINEER

> CHRISTOPHER D. LONGO, PE N.Y.S. LIC. # 095840



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