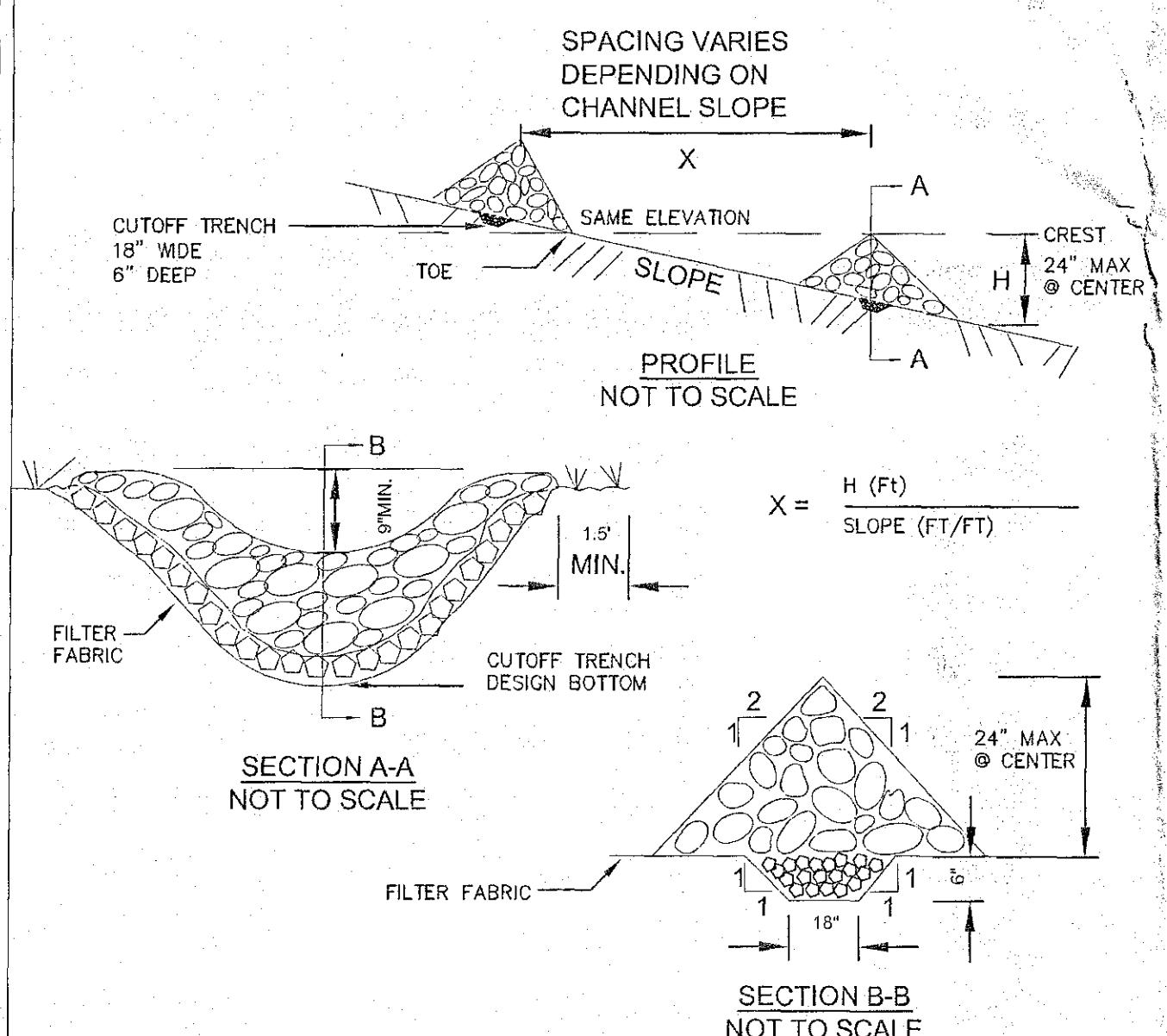


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. INSTALL SILT FENCE IN ACCORDANCE WITH THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE WRAPPED TOGETHER PER DETAIL 4 ON THIS PAGE.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN ACCUMULATION REACHES 1/2 DESIGN CAPACITY OF FENCE (1/2 HEIGHT OF FILTER FABRIC) OR WHEN "BULGES" DEVELOP IN FENCING.



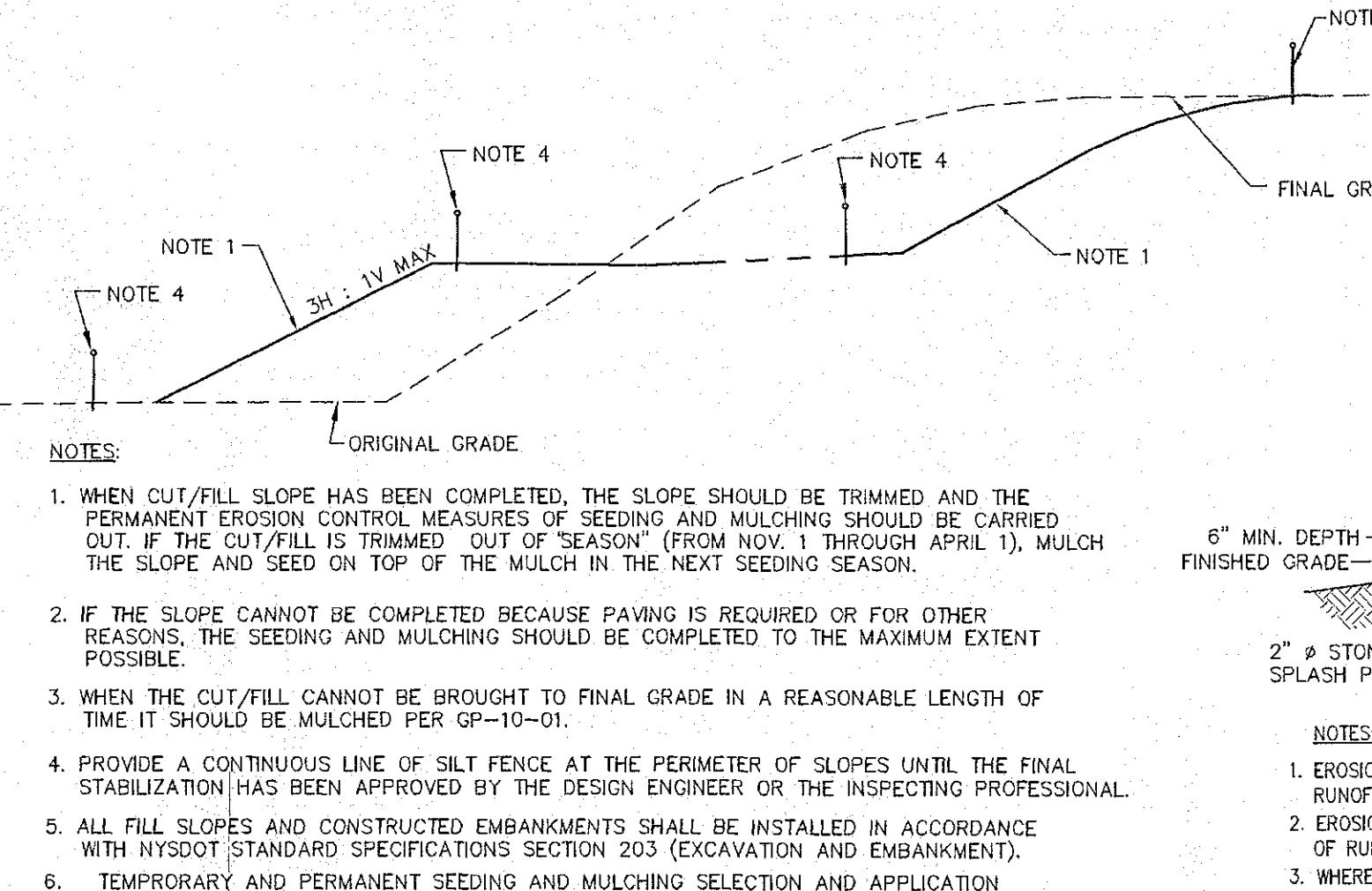
CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
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.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

MAXIMUM DRAINAGE AREA 2 ACRES.

STONE CHECK DAM DETAIL

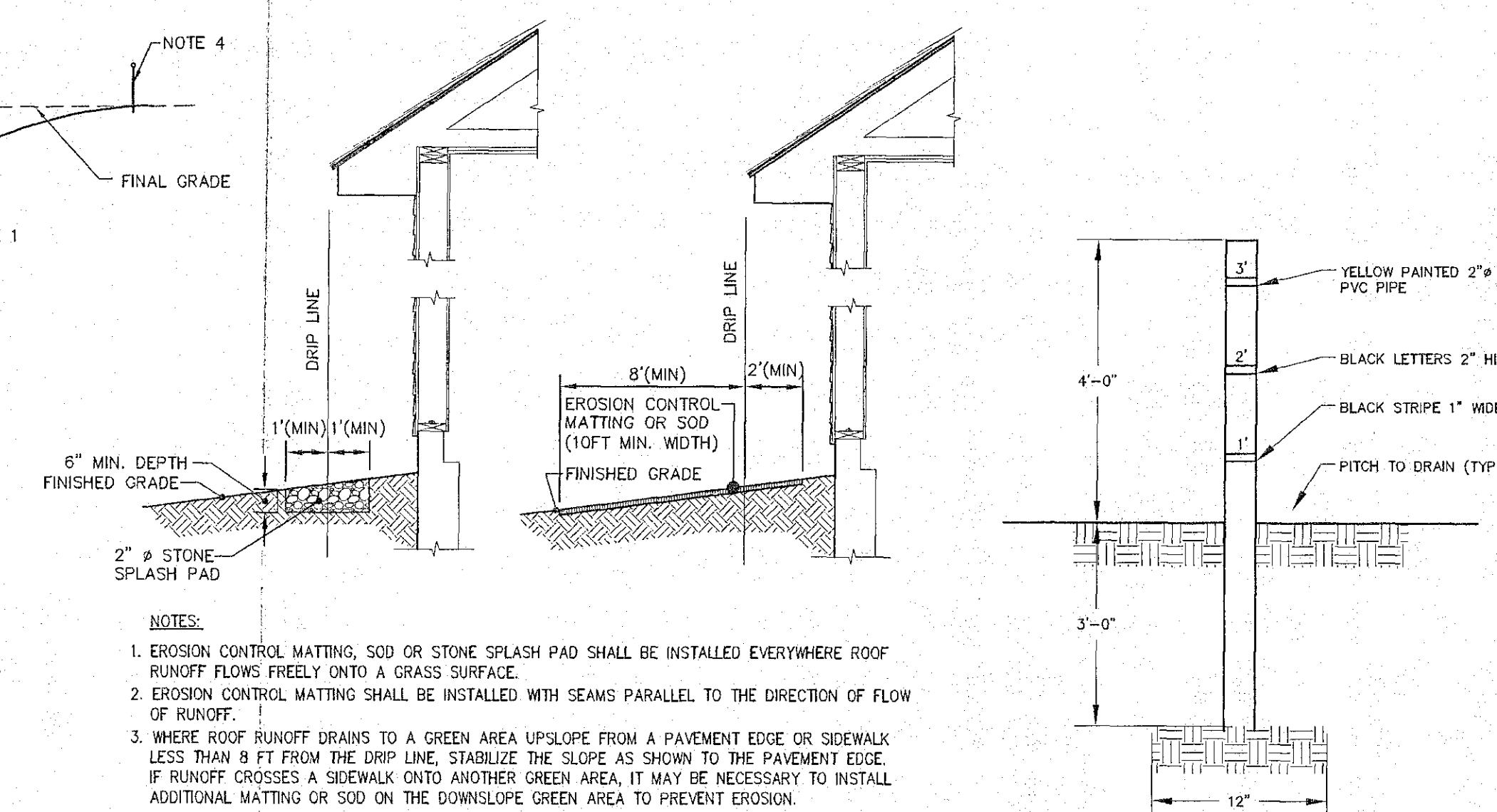
NOT TO SCALE



SEEDING AND MULCHING GUIDES - CUT/FILL SLOPES

NOT TO SCALE

1. WHEN CUT/FILL SLOPE HAS BEEN COMPLETED, THE SLOPE SHOULD BE TRIMMED AND THE PERMANENT EROSION CONTROL MEASURES OF SEEDING AND MULCHING SHOULD BE CARRIED OUT. IF THE CUT/FILL IS TRIMMED OUT OF "SEASON" (FROM NOV. 1 THROUGH APRIL 1), MULCH THE SLOPE AND SEED ON TOP OF THE MULCH IN THE NEXT SEEDING SEASON.
2. IF THE SLOPE CANNOT BE COMPLETED BECAUSE PAVING IS REQUIRED OR FOR OTHER REASONS, THE SEEDING AND MULCHING SHOULD BE COMPLETED TO THE MAXIMUM EXTENT POSSIBLE.
3. WHEN THE CUT/FILL CANNOT BE BROUGHT TO FINAL GRADE IN A REASONABLE LENGTH OF TIME IT SHOULD BE MULCHED PER GP-10-01.
4. PROVIDE A CONTINUOUS LINE OF SILT FENCE AT THE PERIMETER OF SLOPES UNTIL THE FINAL STABILIZATION HAS BEEN APPROVED BY THE DESIGN ENGINEER OR THE INSPECTING PROFESSIONAL.
5. ALL FILL SLOPES AND CONSTRUCTED EMBANKMENTS SHALL BE INSTALLED IN ACCORDANCE WITH NYSCOT STANDARD SPECIFICATIONS SECTION 203 (EXCAVATION AND EMBANKMENT).
6. TEMPORARY AND PERMANENT SEEDING AND MULCHING SELECTION AND APPLICATION RATES SHALL BE IN ACCORDANCE WITH THE NY'S STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, CHAPTER 3.



TYPICAL SLOPE PROTECTION FROM ROOF RUNOFF

NOT TO SCALE

1. EROSION CONTROL MATTING, SOD OR STONE SPLASH PAD SHALL BE INSTALLED EVERYWHERE ROOF RUNOFF FLOWS FREELY ONTO A GRASS SURFACE.
2. EROSION CONTROL MATTING SHALL BE INSTALLED WITH SEAMS PARALLEL TO THE DIRECTION OF FLOW OF RUNOFF.
3. WHERE ROOF RUNOFF DRAINS TO A GREEN AREA UPLINE FROM A PAVEMENT EDGE OR SIDEWALK LESS THAN 8 FT FROM THE DRIP LINE, STABILIZE THE SLOPE AS SHOWN TO THE PAVEMENT EDGE. IF RUNOFF CROSSES A SIDEWALK INTO ANOTHER GREEN AREA, IT MAY BE NECESSARY TO INSTALL ADDITIONAL MATTING OR SOD ON THE DOWNSLOPE GREEN AREA TO PREVENT EROSION.

SEDIMENT DEPTH MARKER DETAIL (TYP.)

NOT TO SCALE

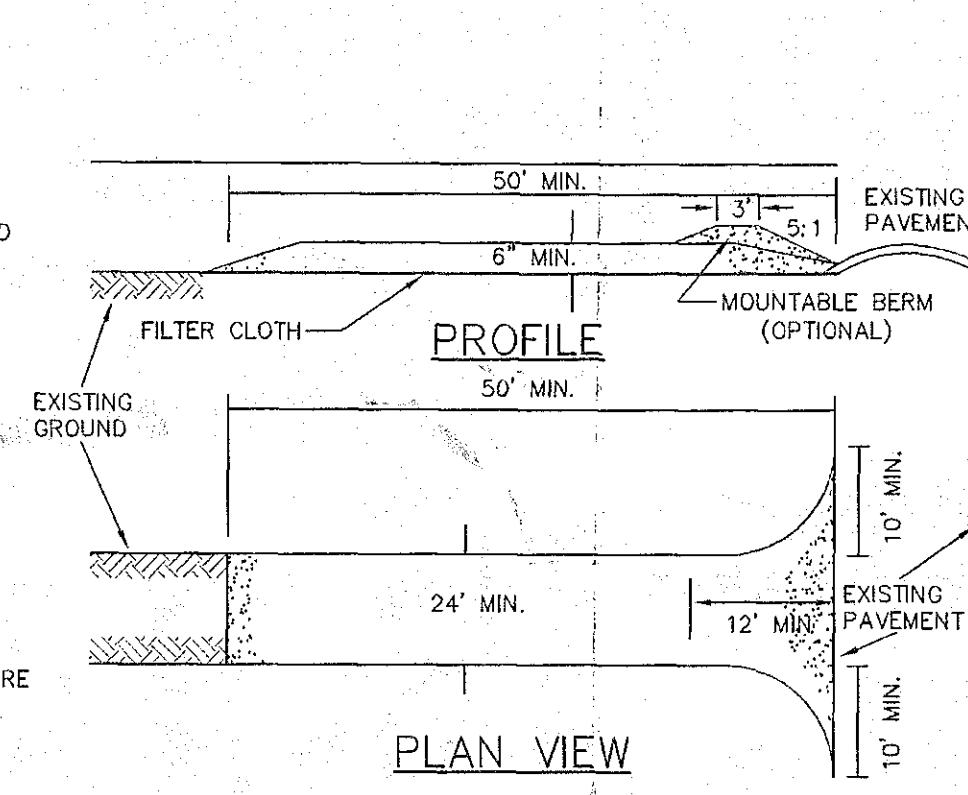
ESM - ENVIRONMENTAL SEED MIX	
(ENVIRONMENTAL SEED MIX IS NOT TO BE USED IN ANY WETLAND AREAS)	
GRASS NAMES	PERCENT BY WEIGHT
KENTUCKY BLUE GRASS	15%
PERENNIAL RYE GRASS	20%
TIMOTHY	15%
ORCHARD GRASS	10%
BIRDSFOOT TREFOIL	15%
TALL FESCUE	10%
REED CANARY GRASS	05%
SEED AT 20 LBS/ACRE ABOVE 100 YR. STORM EL.	

WHM - WETLAND HUMMOCK SEED MIX

(SOUTHERN TIER CONSULTING, INC.)

CAREX VULPINOIDEA	FOX SEDGE	20%
LEPTOSA CRYPTOCHELE	RICE CUT GRASS	15%
CAREX LUPIDA/CRINTA	SEDGE	10%
JUNCUS EFFUSUS	SOFT RUSH	20%
SCIRPUS ATROVIRENS/CYPERINUS	BULRUSH	15%
CAREX COMOSA/INTUMESCENTS	SEED	15%
SEED AT 4 LBS/ACRE ON SATURATED GROUND BETWEEN THE PERM. POOL EL. AND THE 100 YR. STORM EL.		

**REFER TO TABLES 3.7 & 3.8 OF NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION CONTROL FOR MULCHING REQUIREMENTS.

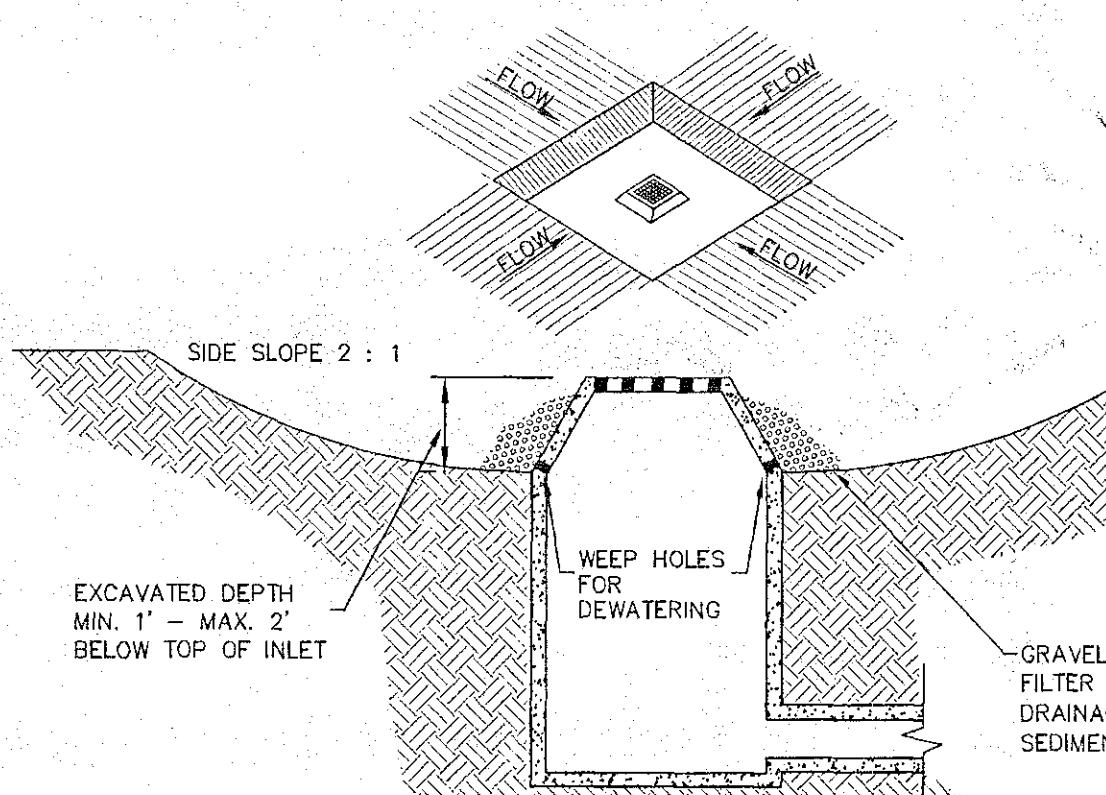


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FEET 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. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS 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 AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAILS

NOT TO SCALE



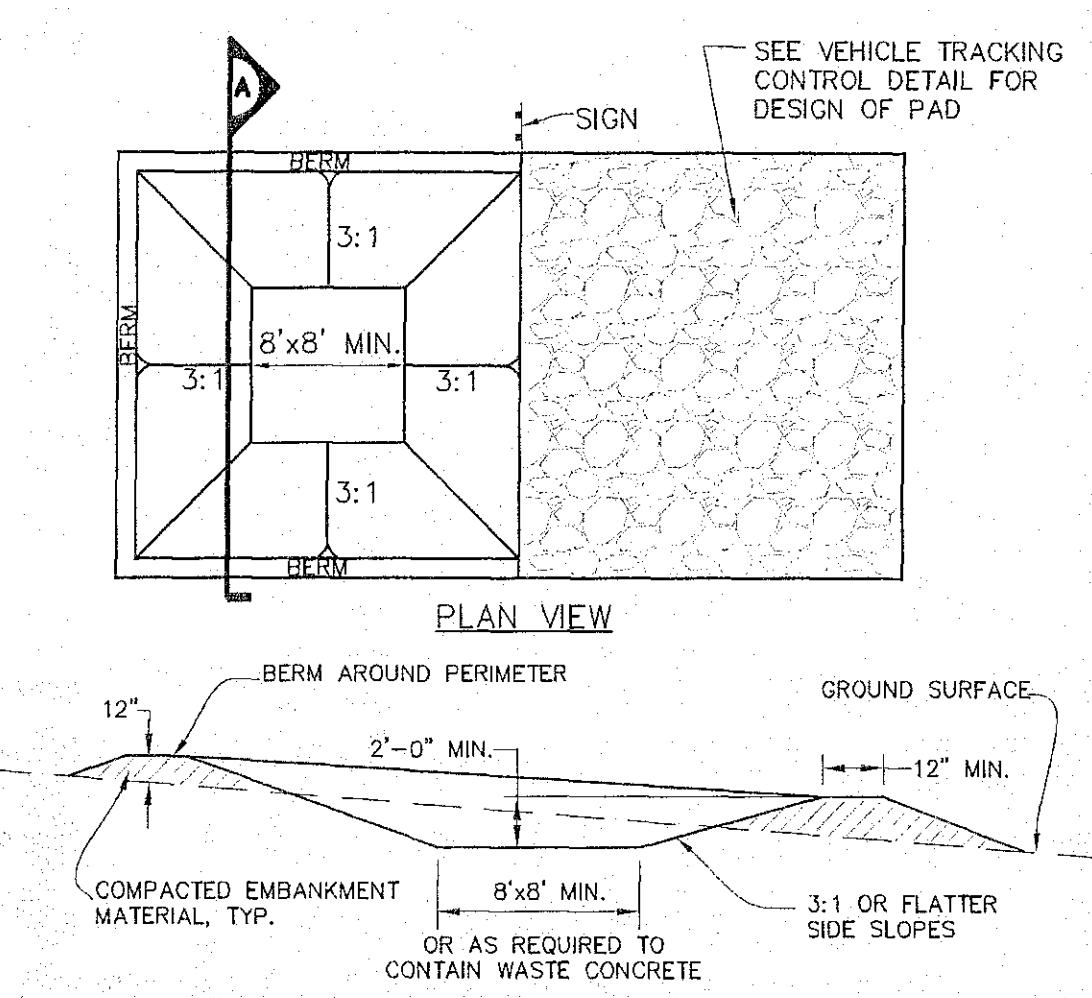
EXCAVATED DROP INLET PROTECTION DETAILS FOR UNPAVED AREAS

NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
6. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.

MAXIMUM DRAINAGE AREA 1 ACRE.



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 SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED DIRT, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNEFASHION IN THE JURISDICTION.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.

CONCRETE WASHOUT AREA DETAIL

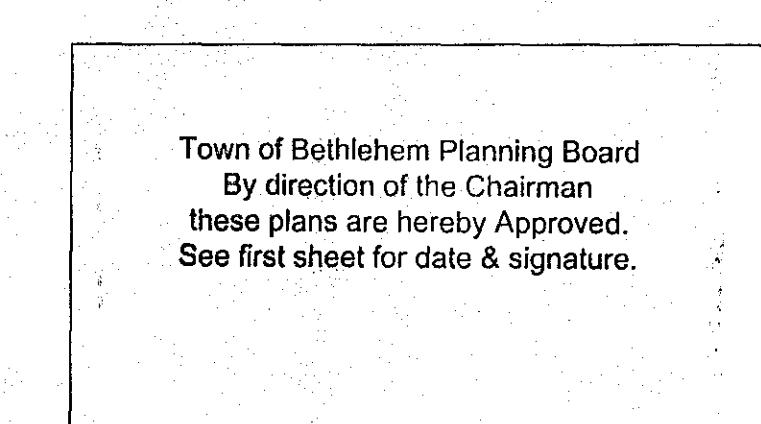
NOT TO SCALE

ALBANY COUNTY DEPARTMENT OF HEALTH

DIVISION OF ENVIRONMENTAL HEALTH SERVICE

By direction of the Commissioner of Health, these plans are hereby approved. See first sheet for date and signature.

FOR INFORMATION ONLY
NOT FOR CONSTRUCTION

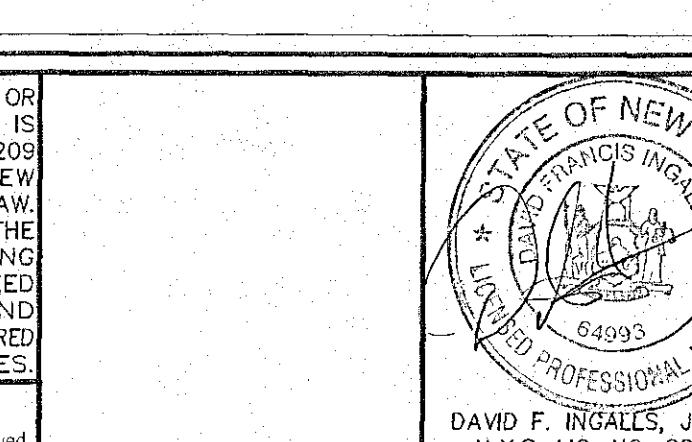


PLANNING BOARD APPROVAL

NOTE: 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONTACT DIG SAFELY NEW YORK TO LOCATE ALL UNDERGROUND UTILITIES. 1-800-962-7962

2/12/2011	REVISIONS PER TDE COMMENTS	CDL
1/11/2011	REVISIONS PER TOWN & TDE COMMENTS	CDL
NO. DATE:	REVISIONS	CDL

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engineers / surveyors

1035 ROUTE 9W
LOCUST VIEW APARTMENTS
TOWN OF BETHLEHEM
COUNTY OF ALBANY
STATE OF NEW YORK
DATE: JANUARY 11, 2011
CHECKED BY: D.F.I.
JOS NO. 10-084
SCALE: 1" = 40'
DRAWN BY: C.D.L.
CADD FILE: ESC PLAN.DWG
SHEET 7 OF 10