## TEMPORARY EROSION AND SEDIMENT CONTROL NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE LATEST EDITION OF "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL", EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES.
2. IT IS THE INTENT OF THE EROSION CONTROL PLANS AND NOTES TO BE USED AS A GUIDE BY THE CONTRACTOR TO INSURE THAT NO ERODED MATERIAL MIGRATES FROM THE SITE OR ENTERS ANY WATER COURSE AS WELL. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THIS GOAL IS MET, BY IMPLEMENTING THESE PLANS AS WELL AS ANY ADDITIONAL MEASURES THAT MAY BE NEEDED TO ACHIEVE THIS GOAL. ADDITIONAL MEASURES MAY BE REQUIRED BY THE TOWN ENGINEER.
3. EROSION CONTROL DEVICES SHALL BE INSPECTED AT REGULAR INTERVALS AND IMMEDIATELY AFTER ANY RAINFALL. DEVICES SHALL BE CLEANED AND REPAIRED AS NECESSARY TO ENSURE THEIR PROPER OPERATION.
4. EROSION CONTROL DEVICE SHALL BE REMOVED ONLY WITH THE APPROVAL OF THE TOWN ENGINEER.
5. HAY BALE/ROCK CHECK DAMS AND SILT FENCE TO BE INSTALLED PER PLAN DETAILS.
6. WATER PUMPED AS A RESULT OF DEWATERING ACTIVITIES SHALL BE DISCHARGED INTO A DEWATERING PIT AS SHOWN ON THE PLAN DETAILS.
7. IT IS RECOMMENDED THAT ALL EROSION CONTROL DEVICES BE PLACED FOR THE ENTIRE PHASE AS SHOWN ON THE EROSION CONTROL PLAN. HOWEVER, PLACEMENT MAY BE DONE TO SUIT CONSTRUCTION SEQUENCING AS APPROVED BY THE TOWN ENGINEER.
8. PRIOR TO CONSTRUCTION OF ANY PHASE, AS SHOWN ON THE EROSION CONTROL PLANS, THE STABILIZED CONSTRUCTION ENTRANCES MUST BE CONSTRUCTED AS SHOWN ON THE PLANS.
9. UPON INSTALLATION OF ANY CATCH BASIN, A SEDIMENT CAPTURE DEVICE (SILTSACK) SHALL BE PLACED UNDER THE GRATE AND SHALL REMAIN UNTIL ROADWAY PAVING IS COMPLETE.
10. ALL DISTURBED AREAS SHALL BE SEEDED AS SOON AS POSSIBLE.
11. DUST SHALL BE CONTROLLED ON ROADWAY AREAS BY THE APPLICATION OF WATER AT THE DIRECTION OF THE TOWN ENGINEER.
12. EXISTING PAVEMENT AREAS SHALL BE CLEANED AS REQUIRED AT THE DIRECTION OF THE TOWN ENGINEER.
13. WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY CEASES ON ANY PARTICULAR AREA, ALL DISTURBED GROUND WHERE THERE WILL NOT BE CONSTRUCTION MUST BE SEEDED WITH FAST-GERMINATING TEMPORARY SEED AND PROTECTED WITH MULTCH.
14. ALL DISTURBED SLOPES SHALL BE RE-SEEDED.
15. SILT FENCING SHALL BE INSTALLED AT THE DOWN GRADIENT PERIMETERS OF ALL SLOPES TO BE RE-GRADED.
16. SEDIMENT STILLING DETENTION BASINS SHALL BE UTILIZED TO PREVENT OFF SITE EROSION.
17. THE STORMWATER DETENTION POND AND CUT-OFF SWALES SHALL BE COMPLETED BEFORE CONSTRUCTION.
18. TEMPORARY GRADING SHALL BE UTILIZED TO ROUTE STORMWATER RUNOFF TO CUT OFF SWALES AND DETENTION PONDS.
19. WATER TRUCKS SHALL BE UTILIZED TO MINIMZE DUST POLLUTION.
20. PRIOR TO ANY CONSTRUCTION ANY FEDERAL JURISDICTIONAL WETLANDS TO BE PRESERVED SHALL BE FIELD LOCATED AND DELINEATED WITH SILT FENCING AND ORANGE CONSTRUCTION FENCE.

## CONSTRUCTION SEQUENCE NOTES

A) TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THEIR TRIBUTARY AREAS.

B) CONTRACTOR SHALL CLEAR AND GRUB THE AREA OF THE STORMWATER MANAGEMENT BASIN. THIS AREA SHALL NOT EXCEED FIVE (5) ACRES IN EXTENT WITHOUT TEMPORARY STABILIZATION.

C) THE STORMWATER DETENTION BASIN SHALL BE UTILIZED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION. THE CONTARCTOR SHALL INSTALL THE OUTLET CONTROL STRUCTURES AND THE EARTHEN BERM.

D) CONTRACTOR SHALL COVER THE PRIMARY INLET OF THE OUTLET CONTROL STRUCTURE WITH AMOCO TYPE 4545 OR EQUAL CONSTRUCTION FABRIC TO PREVENT FINES FROM ENTERING THE STORM WATER DISCHARGES FROM THE SITE.

E) PRIOR TO COMMENCING CLEARING, GRUBBING AND/OR EARTHWORK ACTIVITIES IN ANY OTHER AREA OF THE SITE, THE CONTRACTOR SHALL INSTALL INLET AND OUTLET PROTECTION MEASURES (RIPRAP, OVERFLOW WEIR(S), CULVERT INLET / OUTLET PROTECTION, ETC.) AND SHALL STABILIZE THE AREAS DISTURBED DURING THE CONSTRUCTION OF THE SEDIMENT BASIN.

F) CONTRACTOR SHALL INSTALL TEMPORARY DIVERSION MEASURES WITH ASSOCIATED STABILIZATION MEASURES (I.E., VEGETATIVE COVER, DRAINAGE DITCH SEDIMENT FILTERS, STORM DRAIN SEDIMENT FILTERS, ETC.) TO ASSURE THAT STORMWATER RUNOFF IS CONVEYED TO THE TEMPORARY SEDIMENT BASIN.

G) TEMPORARY DIVERSION MEASURES SHALL BE LOCATED IN A MANNER THAT WILL ASSURE THAT THE AREA TRIBUTARY TO EACH DIVERSION DOES NOT EXCEED FIVE (5) ACRES. THESE TEMPORARY DIVERSION MEASURES SHALL BE INSPECTED DAILY AND REPAIRED / STABILIZED AS NECESSARY TO MINIMIZE EROSION.

H) CONTRACTOR SHALL COMMENCE SITE CONSTRUCTION ACTIVITES AS REQUIRED.

I) IMMEDIATELY FOLLOWING COMPLETION OR SUSPENSION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.

J) PRIOR TO FINALIZING CONSTRUCTION OF THE STORMWATER MANAGEMENT BASIN, ALL CATCH BASINS AND DRAINAGE LINES SHALL BE CLEANED OF ALL SILT AND SEDIMENT.

K) UPON COMPLETION OF SITE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL FINALIZE CONSTRUCTION OF THE STORMWATER DETENTION BASIN. CONTRACTOR SHALL FINISH GRADE THE FOREBAY(S), AQUATIC BENCHES, AND WET POOL(S) AND STABLIZE AS INDICATED IN THE PROJECT DRAWINGS.

L) UPON ESTABLISHMENT OF PERMANENT VEGETATIVE COVER ON ALL DISTURBED AREAS OF THE SITE, THE CONTRACTOR SHALL REMOVE THE CONSTRUCTION FABRIC FROM THE PRIMARY INLET OF THE OUTLET CONTROL STRUCTURE. THIS SHALL ONLY BE DONE WHEN THE PRIMARY OUTLET IS NO LONGER SUBMERGED.

M) CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AND IMMEDIATELY ESTABLISH PERMANENT VEGETATION ON THE AREAS DISTURBED DURING THE REMOVAL.

## PARTICULAR MEASURES:

1. STORM DRAIN INLET HAY BALE FILTER: IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, STORM DRAIN INLET HAY BALE FILTERS SHALL BE CONSTRUCTED AND SILTSACKS INSTALLED. THE HAY BALE FILTERS SHALL FUNCTION TO PREVENT SEDIMENT ENTRANCE TO THE STORM DRAINS. THEY SHALL BE MAINTAINED IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS WELL ESTABLISHED.
2. HAY BALE BERMS: HAY BALE BERMS OR SILT FENCE SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL, TOPSOIL, AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN EXPOSED FOR PERIODS LESS THAN 14 DAYS. HAY BALE BERMS SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS SAID STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.
3. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 14 DAYS SHALL BE STABILIZED BY SEEDING. PRIOR TO THE SEEDING OPERATION, THE STOCKPILED MATERIAL SHALL BE GRADED AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING.
4. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.
5. PERMANENT VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
6. ALL HEALTHY TREES OF DESIRABLE SPECIES ARE TO BE PROTECTED FROM DAMAGE. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED.

SOIL EROSION AND SEDIMENT CONTROL MEASURES

1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
2. INSOFAR AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED.
3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISRUPTION, PER THE CONSTRUCTION PHASING, LESS THAN 5 ACRES TO BE DISTURBED AT ONE TIME.
4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED.
5. CONSTRUCTION TRAFFIC SHALL NOT CROSS STREAMS OR DITCHES EXCEPT AT SUITABLE CROSSING FACILITIES, AND SHALL NOT OPERATE UNNECESSARILY WITHIN WATERWAYS OR DRAINAGE DITCHES.

## OUTLET CONTROL PRACTICES:

1. RIP-RAP OUTLET PROTECTION: RIP-RAP SHALL BE PROVIDED AT CULVERT LOCATIONS AS INDICATED ON THE DRAWINGS. THE RIP-RAP SHALL PROTECT SIDE SLOPES FROM EROSION.
2. HAY BALE DIKES/SILT FENCE SHALL BE PROVIDED AT ALL STORM WATER OUTLETS UNTIL SURROUNDING VEGETATION HAS BEEN STABILIZED.

## MAINTENANCE OF EROSION CONTROL MEASURES

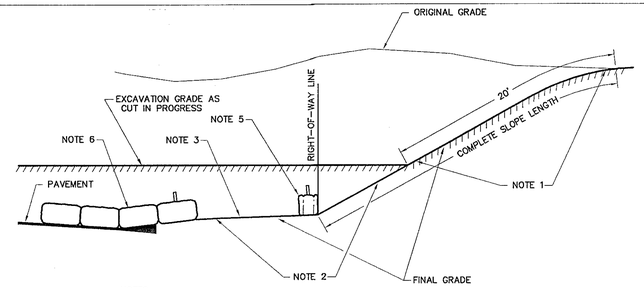
1. THE DEVELOPER/CONTRACTOR OR HIS BUILDER SHALL INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE DEVELOPMENT PROCESS. TO ASSURE PROPER FUNCTION, SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL ACCUMULATED SEDIMENT 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.
2. SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PROFESSIONAL ONCE A WEEK AND WITHIN 24-HOURS AFTER A RAINFALL EVENT OF A HALF INCH OR GREATER. THE FOLLOWING ITEMS SHALL BE CHECKED IN PARTICULAR.
   - A. THE BASIN INLET LOCATIONS SHALL BE INSPECTED FOR SILT ACCUMULATION DUE TO THE LACK OF ESTABLISHED SURROUNDING VEGETATION.
   - B. CATCH BASINS SHALL BE CHECKED FOR SEDIMENT ACCUMULATION.
   - C. RIP-RAP OUTLET PROTECTION SHALL BE CHECKED REGULARLY FOR SEDIMENT ACCUMULATION. IF SIGNIFICANT AMOUNTS OF SEDIMENT ACCUMULATE, RIP-RAP SHALL BE REMOVED AND REPLACED.
   - D. HAY/STRAW BALES AND SILT FENCING SHALL BE INSPECTED REGULARLY FOR UNDERMINING AND DETERIORATION.
   - E. SEEDED/MULCHED AREAS SHALL BE INSPECTED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE REPAIRED AS NECESSARY.
3. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPS AND/OR PONDS WHENEVER THEIR CAPACITY HAS BEEN REDUCED BY 50% FROM THE DESIGN CAPACITY.

## GENERAL NOTES

1. REFERENCE SWPPP PREPARED BY INGALLS & ASSOCIATES LLP.
2. RESPONSIBLE PARTIES:
   - OWNER– ULTIMATE RESPONSIBLE TO EDUCATE CONTRACTOR/BUILDER
   - SITE CONTRACTOR– WORK WITHIN R.O.W., INCLUDING ROAD AND RELATED UTILITY INSTALLATION
   - BUILDER– LOTS

## *TEMPORARY EROSION CONTROL NOTES*

1. AT LEAST 2 ROWS OF HAY BALES SHALL BE USED AS TEMPORARY EROSION CONTROL TO LINE ALL SWALES AND DITCHES TRIBUTARY TO DRAINAGE STRUCTURES WHICH DRAIN WATER FLOWING THROUGH UNPROTECTED SOIL AREAS CREATED BY CLEARING AND GRUBBING AND EXCAVATION AND FILLING OPERATIONS. HAY BALES SHALL BE REPLACED AND DITCHES CLEANED AS NECESSARY TO PROTECT THESE DRAINAGE STRUCTURES FROM SEDIMENTATION.
2. PERMANENT GRASSES SHALL BE PLANTED AS SOON AS PRACTICAL AFTER HOUSE CONSTRUCTION.

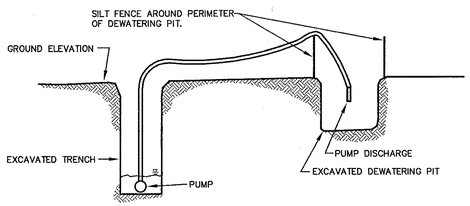



NOTES:

1) WHEN 20' OF CUT 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 IS TRIMMED "OUT OF SEASON" (FROM NOV. 1 THRU APRIL 1), MULCH THE SLOPE AND SEED ON TOP OF THE MULCH IN THE NEXT SEEDING SEASON.
2) THE REMAINING CUT SLOPE SHOULD BE TRIMMED AND PERMANENT SEEDING AND MULCHING DONE AS SOON AS THE FINAL GRADE IS REACHED.
3) IF THE SLOPE WITHIN THE RIGHT-OF-WAY CAN NOT BE COMPLETED BECAUSE PAVING IS REQUIRED OR FOR OTHER REASONS, THE SEEDING AND MULCHING SHOULD BE COMPLETED TO OUTSIDE THE RIGHT-OF-WAY LINE.
4) WHEN THE CUT CANNOT BE BROUGHT TO FINAL GRADE IN A REASONABLE LENGTH OF TIME (WITHIN ONE MONTH) IT SHOULD BE MULCHED.
5) PROVIDE A CONTINUOUS LINE OF HAY OR STRAW BALES AT RIGHT-OF-WAY LINE UNTIL SLOPE GRASS HAS TAKEN HOLD.
6) PROVIDE HAY BALE CHECK DAM IN PAVED GUTTER AREA 20' BEFORE CATCH BASINS AND PROVIDE FILTER FABRIC UNDER CATCH BASIN MANHOLE COVER UNTIL SLOPE GRASS HAS TAKEN HOLD.
9) HAY BALES SHALL BE REPLACED AND DITCHES CLEANED AS NECESSARY TO PROTECT DRAINAGE STRUCTURES FROM SEDIMENTATION.

## SEEDING AND MULCHING GUIDES
### CUT SLOPES

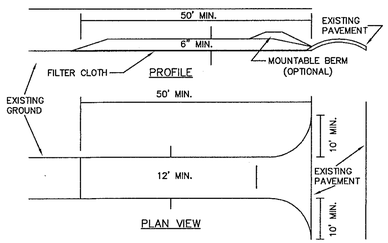
NO SCALE




TYPICAL DEWATERING DETAIL

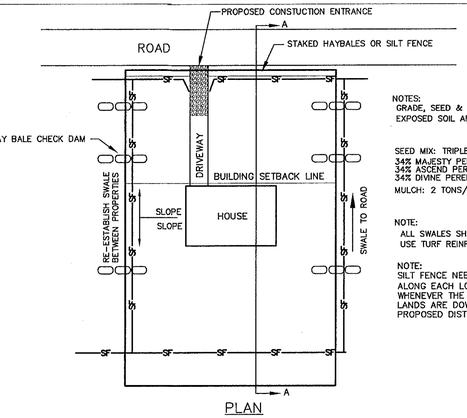
N.T.S.

## STABILIZED CONSTRUCTION ENTRANCE DETAILS




### 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 TRACTED 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.




PLAN

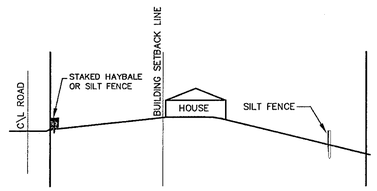
NOTES:
GRADE, SEED & MULCH ANY EXPOSED SOIL AREAS IMMEDIATELY.

SEED MIX: TRIPLE RYE.
34% MAJESTY PERENNIAL RYE GRASS
34% ASCEND PERENNIAL RYE GRASS
34% DIVINE PERENNIAL RYE GRASS
MULCH: 2 TONS/ACRE

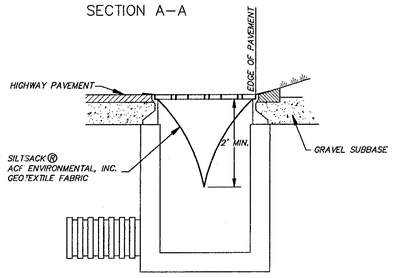
NOTE:
ALL SWALES SHALL BE GRASS SODDED OR USE TURF REINFORCED MAT.

NOTE:
SILT FENCE NEEDS TO BE INSTALLED ALONG EACH LOT'S PROPERTY LINES WHENEVER THE ADJACENT OFF-SITE LANDS ARE DOWN-GRADIENT OF THE PROPOSED DISTURBANCE.

## TYPICAL EROSION & SEDIMENT CONTROL PLAN



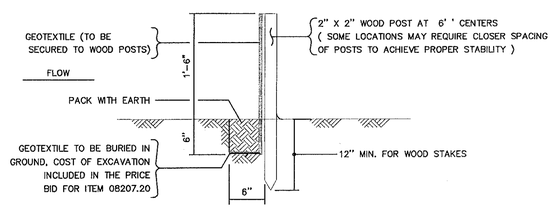

SECTION A–A




*CATCH BASIN IN ROAD (FOR OFF-ROAD INSTALLATION, ADD STAKED STRAW HAY BALES AROUND PERIMETER OF INLET).*

## CATCH BASIN SEDIMENT CAPTURE DEVICE

NOT TO SCALE



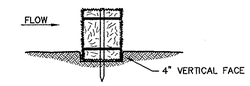

(NOT TO SCALE)

### CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE 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 OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE

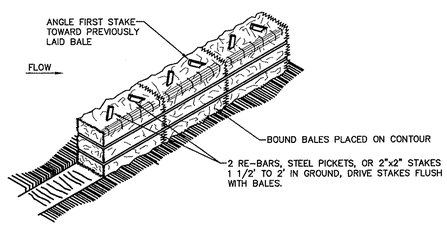
POSTS: STEEL EITHER "T" OR "U" TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 14 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

**FOR INFORMATION ONLY NOT FOR CONSTRUCTION**




## BEDDING DETAIL

DRAINAGE AREA NO MORE THAN 1/4 ACRE PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 25%




## ANCHORING DETAIL

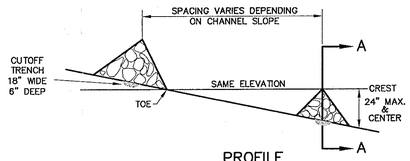
### CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE, OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

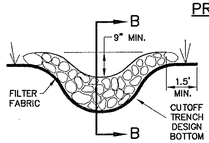
▭▭▭▭▭▭▭▭▭▭▭ = STRAW BALE DIKES

## STRAW BALE DIKE DETAIL

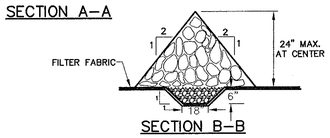
N.T.S.




## PROFILE




## SECTION A–A



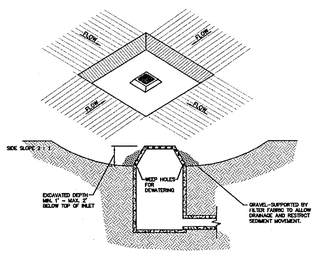

## SECTION B–B

### 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 STONES.

## CHECK DAM DETAILS

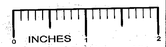
NOT TO SCALE




**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 CONSTRUCTION DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH SEED AND MULCH.
MAXIMUM DRAINAGE AREA 1 ACRE




Town of Bethlehem, NY

| NO. | DATE: | REVISIONS | BY: |
|---|---|---|---|
| 1 | 12/05 | REVISED PER TOWN COMMENTS DATED 12-9-05 | SDP |

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# *SOIL EROSION DETAILS*

TRINITY MANOR
ROSEWOOD HOME BUILDERS
TOWN OF BETHLEHEM
COUNTY OF ALBANY STATE OF NEW YORK

DRAWN BY: M.P.H. | CHECKED BY: D.F.I.
CADD:CDS REV 12-05.DWG | JOB NO. 04-016
SCALE: 1" = 50'
DATE: FEBRUARY 11, 2005
SHEET 10