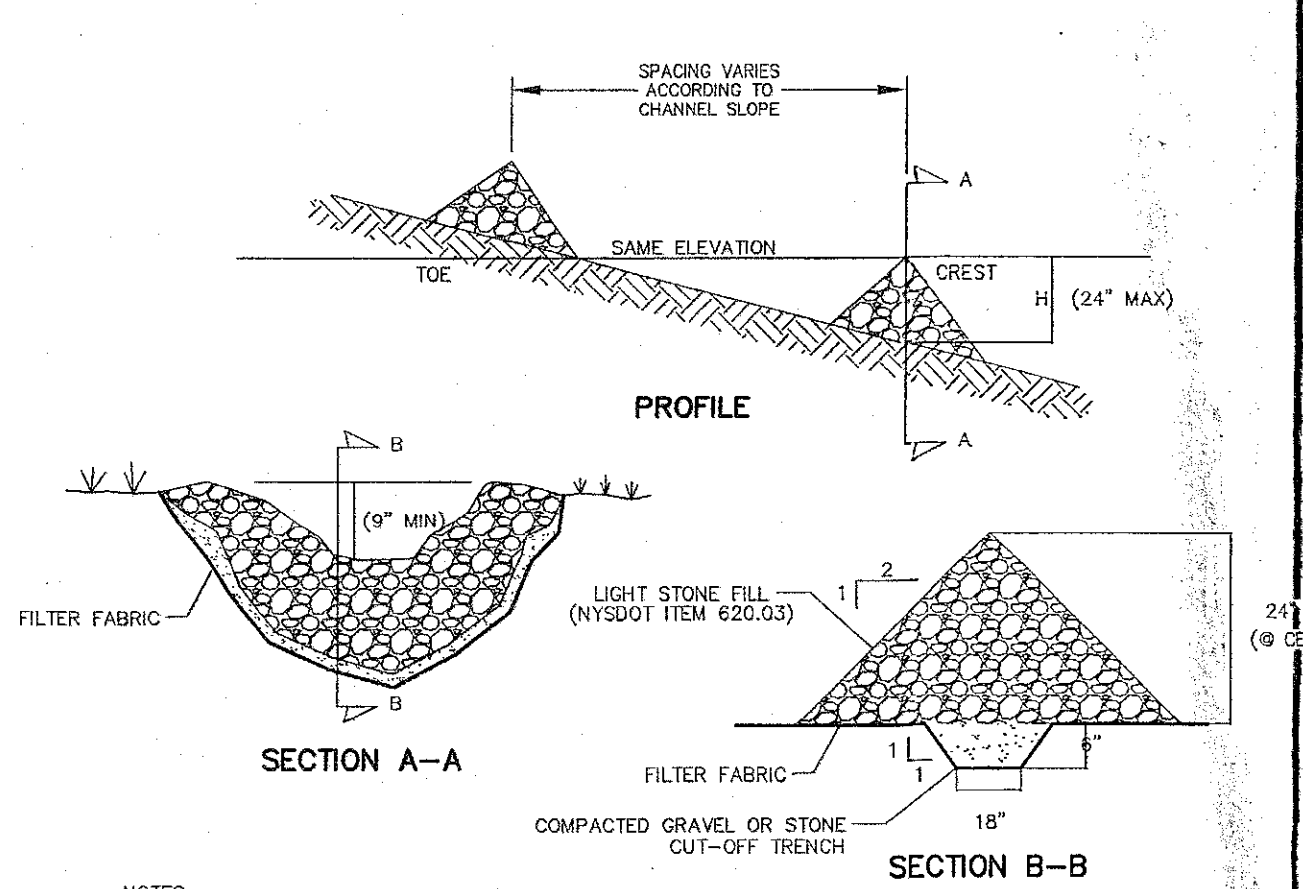
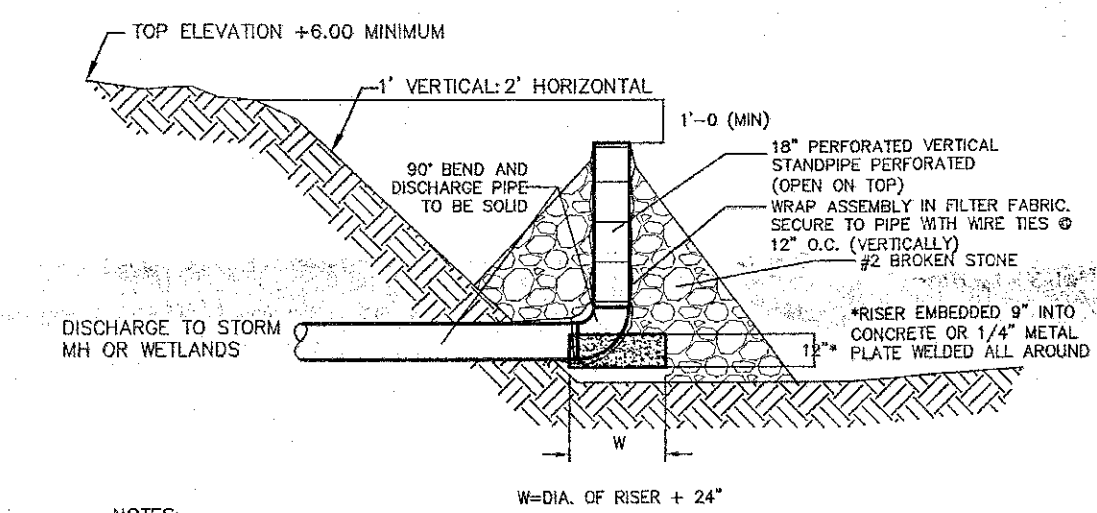
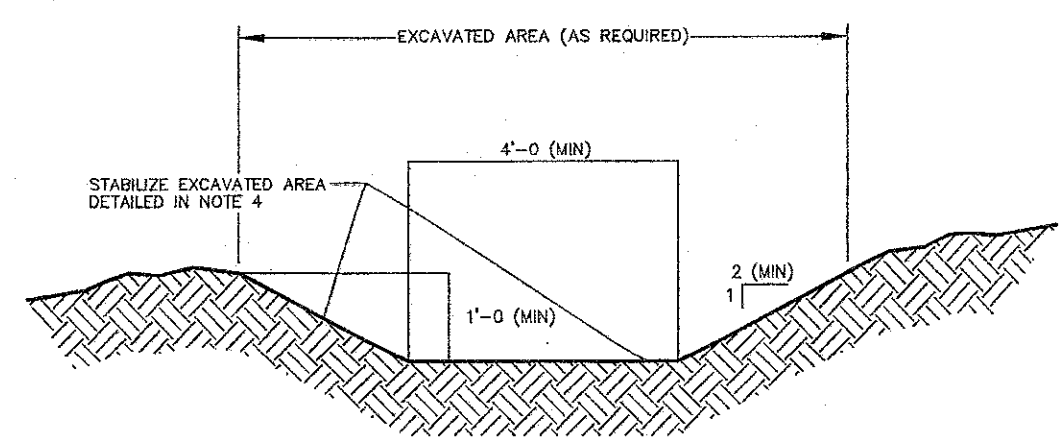




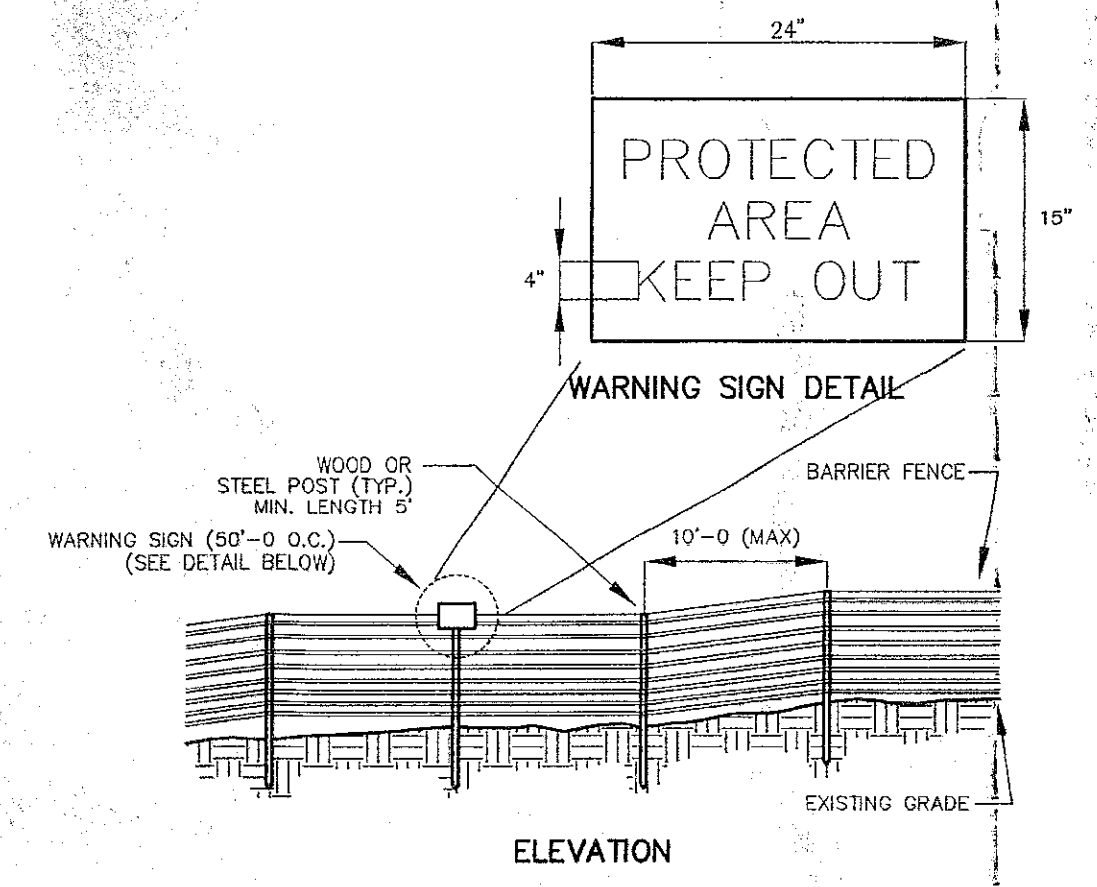
TEMPORARY STONE CHECK DAM DETAIL



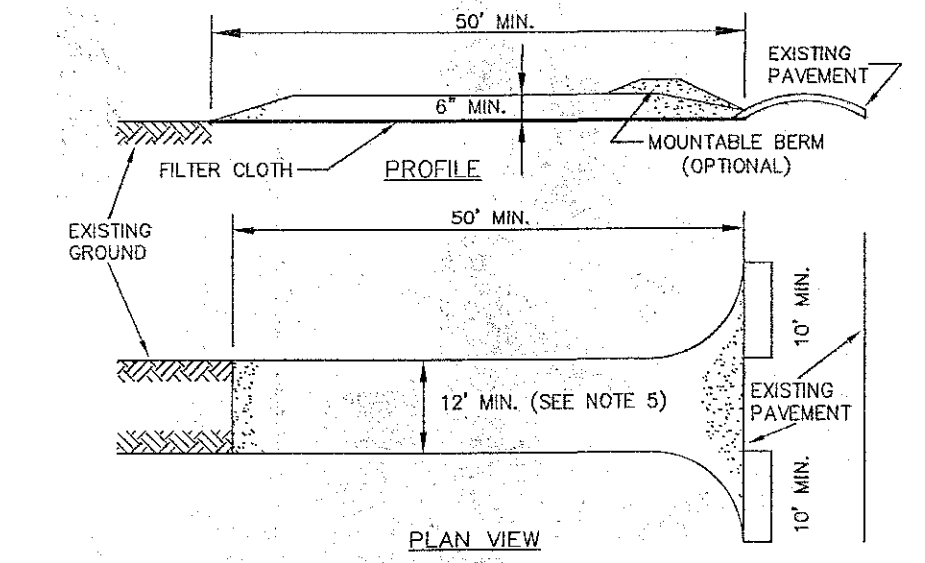
TEMPORARY SEDIMENT TRAP DETAIL



TEMPORARY SWALE DETAIL



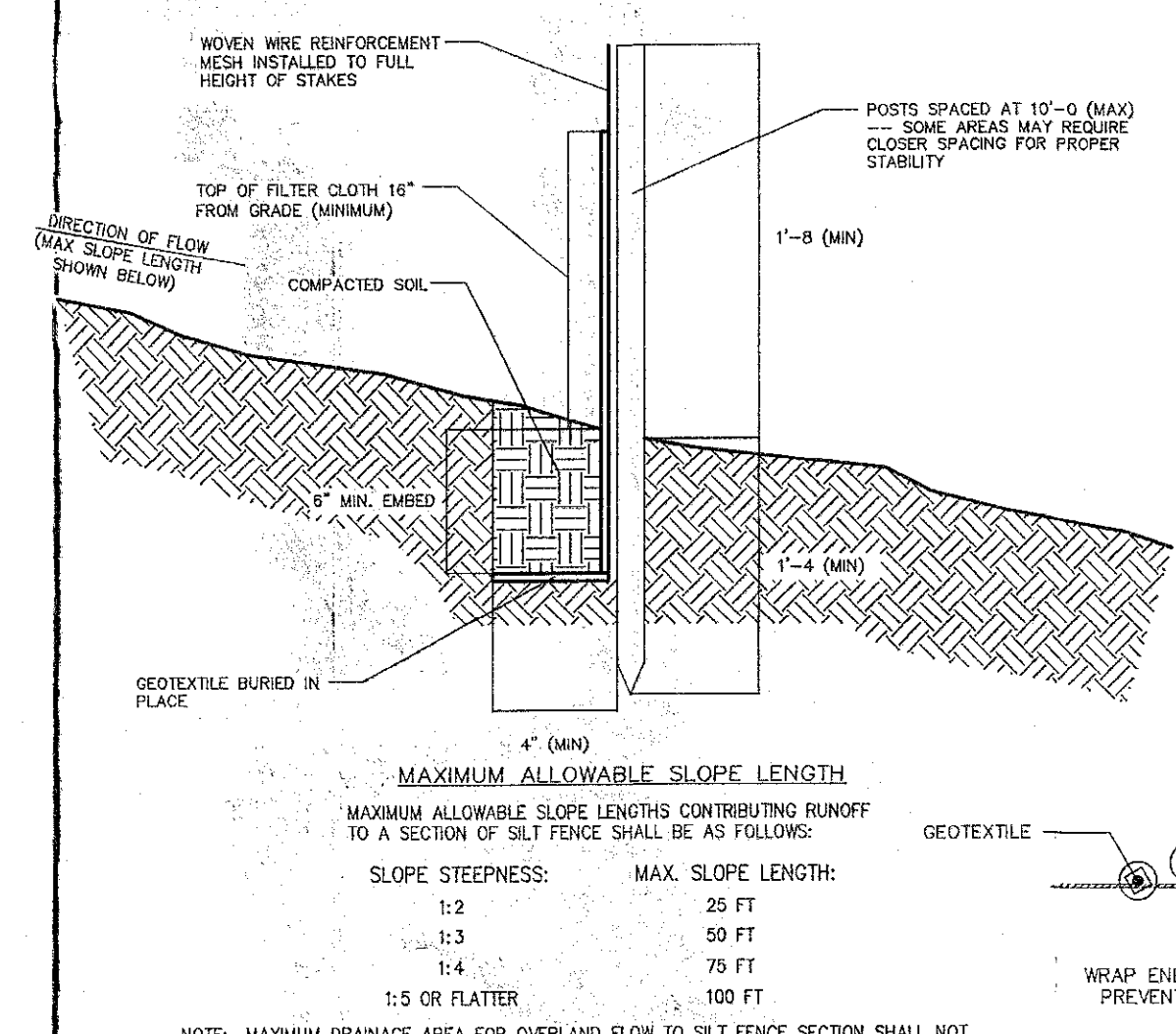
CONSTRUCTION FENCE DETAIL (PROTECTED AREA ONLY)



CONSTRUCTION SPECIFICATIONS

1. INSTALL CONSTRUCTION ENTRANCE IN ACCORDANCE WITH 'NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL', SECTION 7A.
2. STONE SIZE - USE 2\"/>
3. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
4. THICKNESS - NOT LESS THAN (6) INCHES.
5. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. IF CONSTRUCTED AS THE ONLY ENTRANCE TO THE SITE, WIDTH SHALL BE TWENTY-FOUR (24) FEET.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE FIRED 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 ONTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL



MAXIMUM ALLOWABLE SLOPE LENGTH

CHANNEL GRADE:	REQUIRED SURFACE TREATMENT:
A 0.5 - 3.0%	SEED & STRAW MULCH
B 3.1 - 5.0%	SEED & STRAW MULCH
C 5.1 - 8.0%	SEED AND COVER WITH JUTE, SOO OR LINE WITH 2\"/>
D 8.1 - 20%	LINE WITH LIGHT STONE FILL

NOTE: MAXIMUM DRAINAGE AREA FOR OVERLAND FLOW TO SILT FENCE SECTION SHALL NOT EXCEED 1/4 ACRE PER 100 FT OF FENCE. CONCENTRATED DISCHARGE OF SEDIMENT LADEN WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY TO THE FENCING.

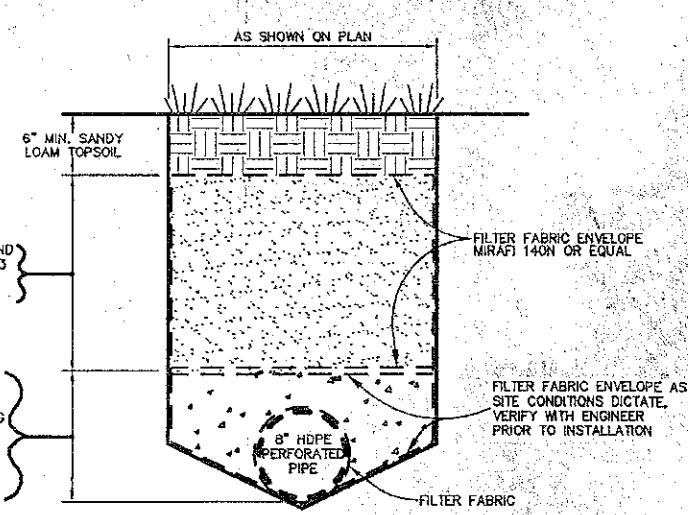
SEDIMENT CONTROL FENCE INSTALLATION DETAIL

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

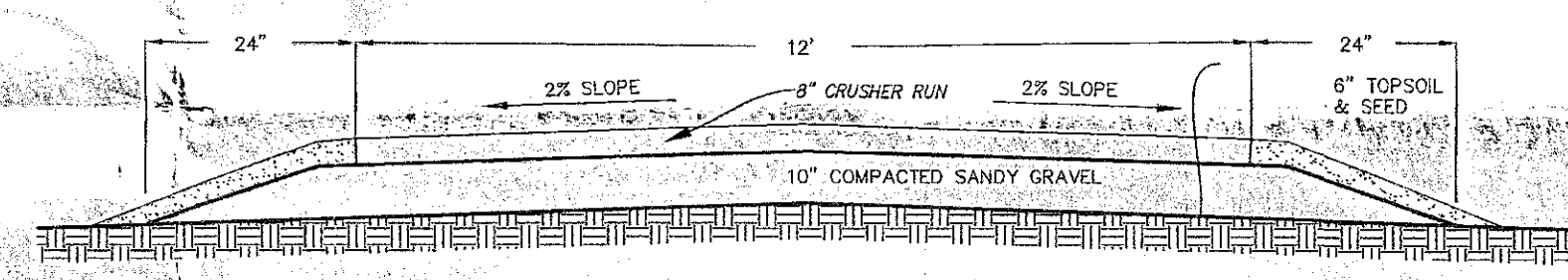
1. INSTALL SILT FENCE IN ACCORDANCE WITH THE 'NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL', SECTION 7A.
2. WOVEN WIRE FENCE SHALL BE 12 1/2 GA., 6\"/>
3. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24\"/>
4. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE WRAPPED TOGETHER PER DETAIL 4 ON THIS PAGE.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SEDIMENT REMOVED WHEN ACCUMULATION REACHES 1/2 OF DESIGN CAPACITY OF FENCE (1/2 HEIGHT OF FILTER FABRIC) OR WHEN 'BULGES' DEVELOP IN FENCING.

- POSTS: STEEL EITHER '1\"/>
- FENCE: WOVEN WIRE, 12 1/2 GA. 6\"/>
- FILTER CLOTH: FILTER X, MIRAFIB 100X, STABILINKA 1140N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOTAB, ENVOFENCE, OR APPROVED EQUAL.

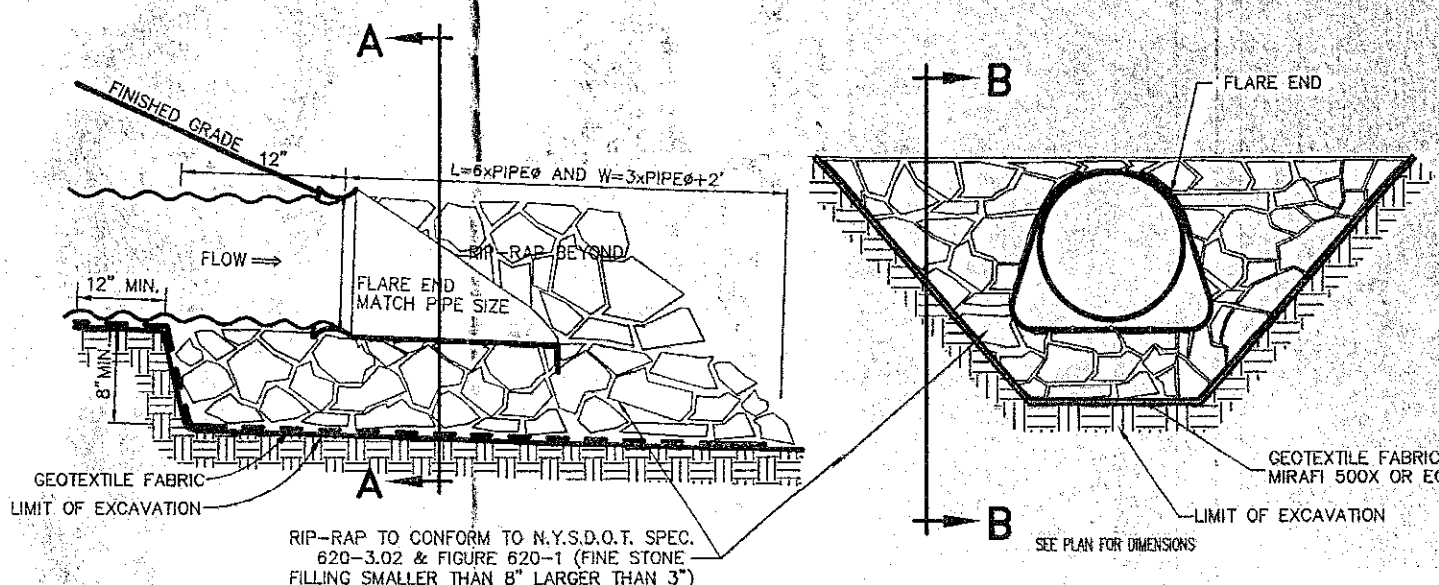
SILT FENCE JOINT DETAIL



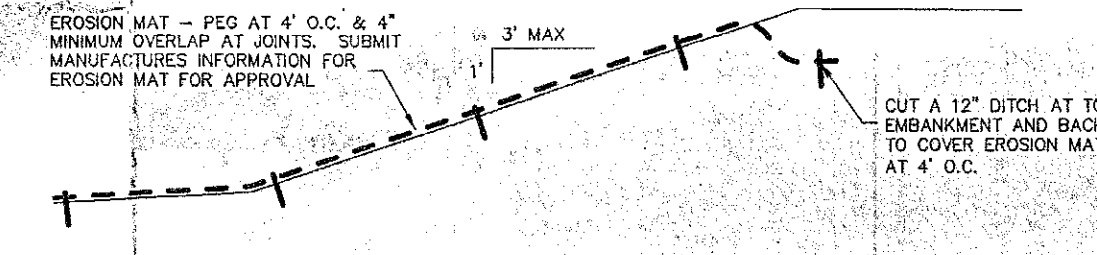
SAND FILTER BED SECTION DETAIL



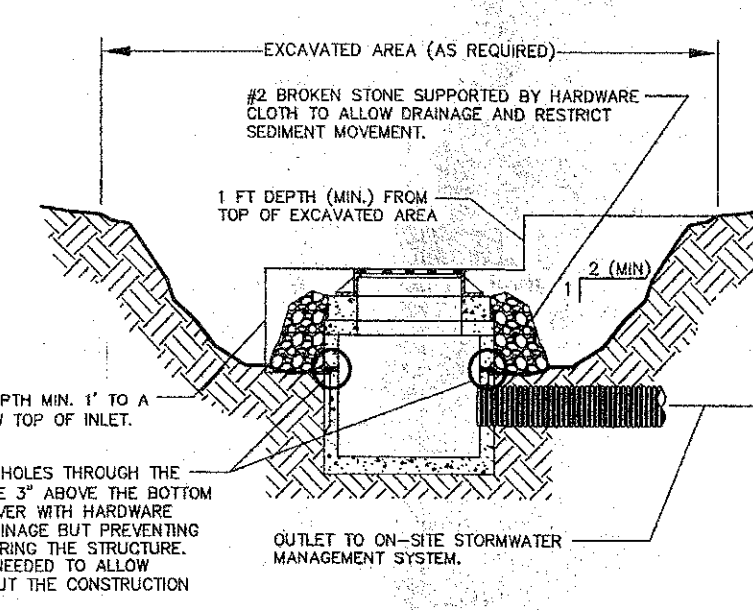
MAINTENANCE ROAD DETAIL



FLARE END SECTION DETAIL

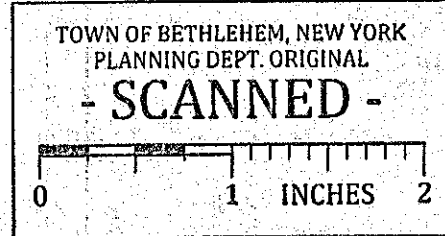


STABILIZED SLOPE DETAIL



1. INSTALL INLET PROTECTION IN ACCORDANCE WITH THE 'NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL', SECTION 7A FOR ALL STRUCTURES THAT WILL BE COLLECTING RUNOFF DURING CONSTRUCTION.
2. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
3. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
4. WEAP HOLES SHALL BE PROTECTED BY 2\"/>
5. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEAP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
6. THE MAXIMUM DRAINAGE AREA SHALL BE 1 ACRE.
7. THE STORAGE VOLUME OF THE EXCAVATED AREA SHALL BE 900 CUBIC FEET. EXAMPLES: A BASIN 22 FT WIDE BY 22 FT LONG BY 2 FT DEEP, OR A BASIN 30 FT WIDE BY 30 FT LONG BY 1 FT DEEP, OR A BASIN 13 FT WIDE BY 30 FT LONG BY 2 FT DEEP, ETC.

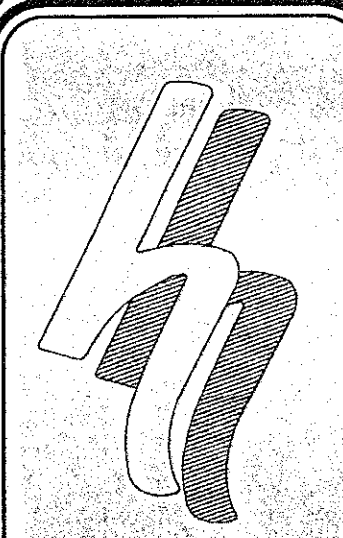
EXCAVATED DROP INLET PROTECTION



TOWN OF BETHELEHEM PLANNING BOARD APPROVAL

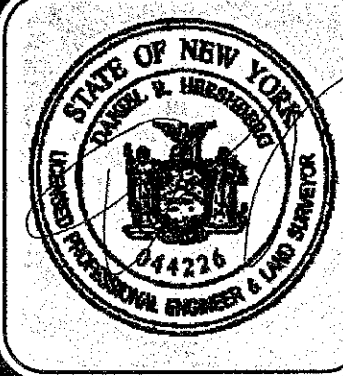
PLANNING BOARD
TOWN OF BETHELEHEM
ALBANY COUNTY, NEW YORK

This Site Plan Approved: *[Signature]*
Title: CHAIRMAN
Date: 6/13/2011 SPA-172



HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

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DATE	REVISIONS
12/20/10	GENERAL REVISIONS
2/4/11	GENERAL REVISIONS
3/3/11	GENERAL REVISIONS
5/28/11	COMMENT LETTER (3/18/11)
5/11/11	COMMENTS/FLOOR PLAN
5/12/11	FLOOR PLAN

SWPPP DETAILS
PROPOSED APARTMENT COMPLEX
HAGUE BLVD. & ROUTE 9W
TOWN OF BETHELEHEM
ALBANY COUNTY, NY

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