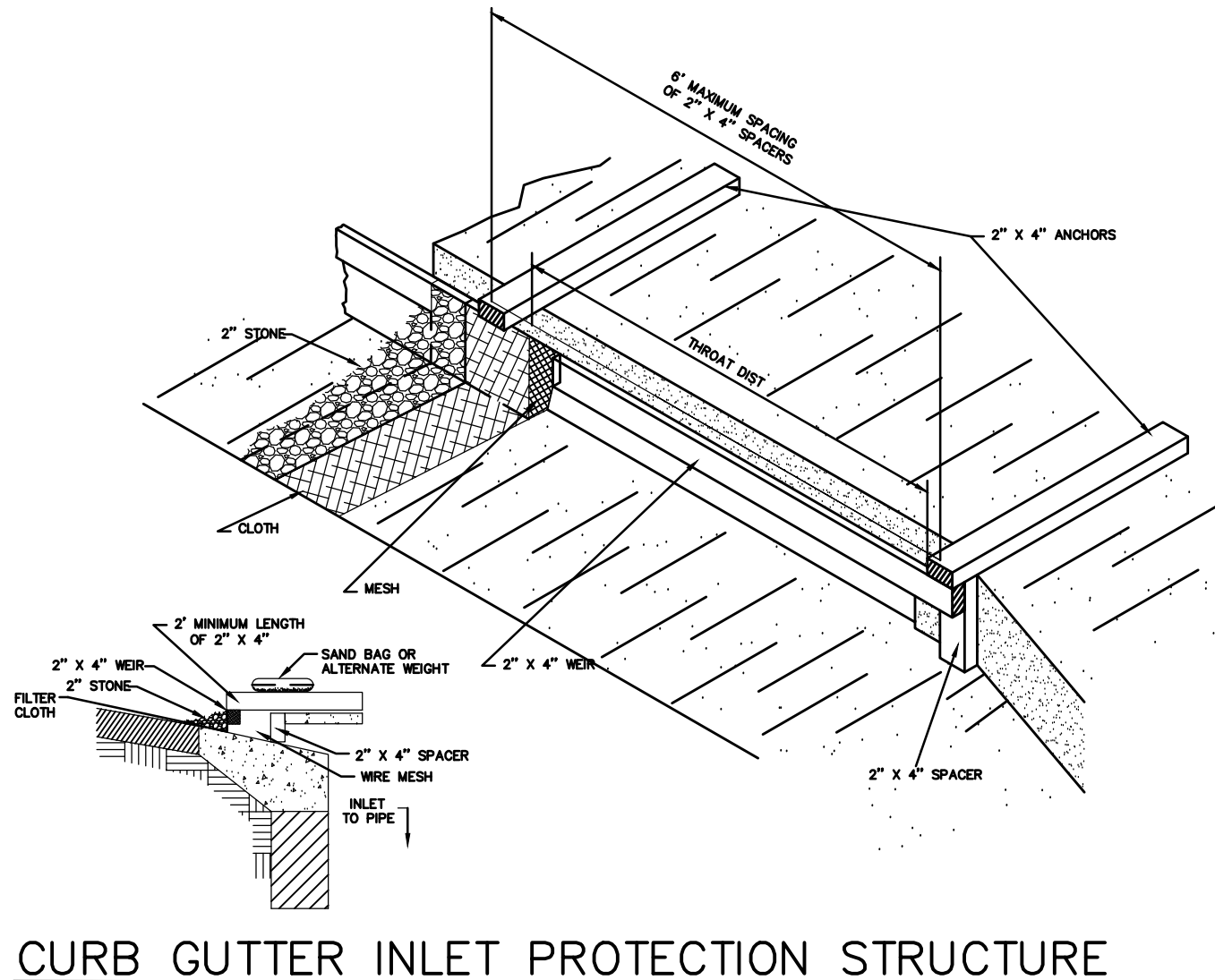


CONSTRUCTION SPECIFICATIONS

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. 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.

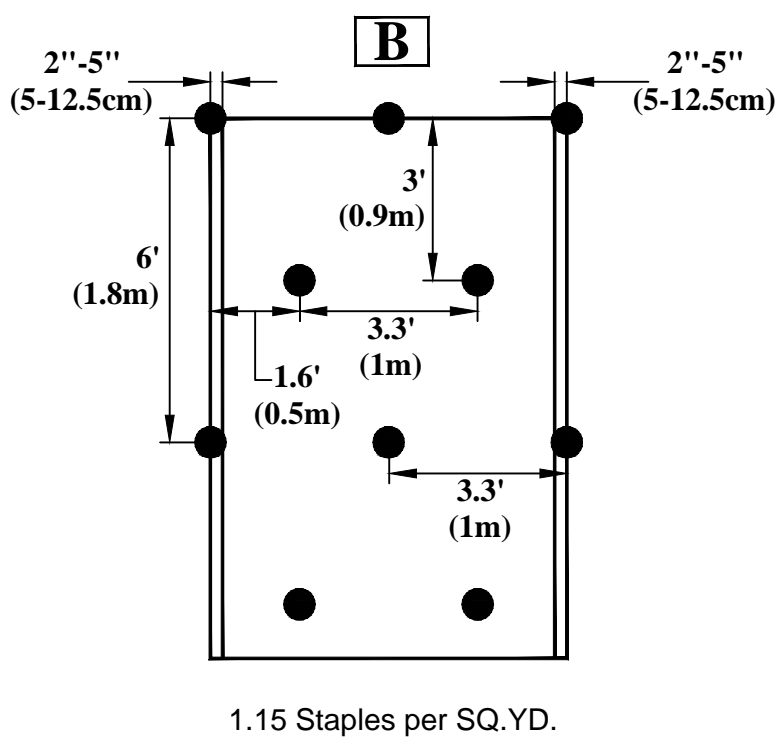
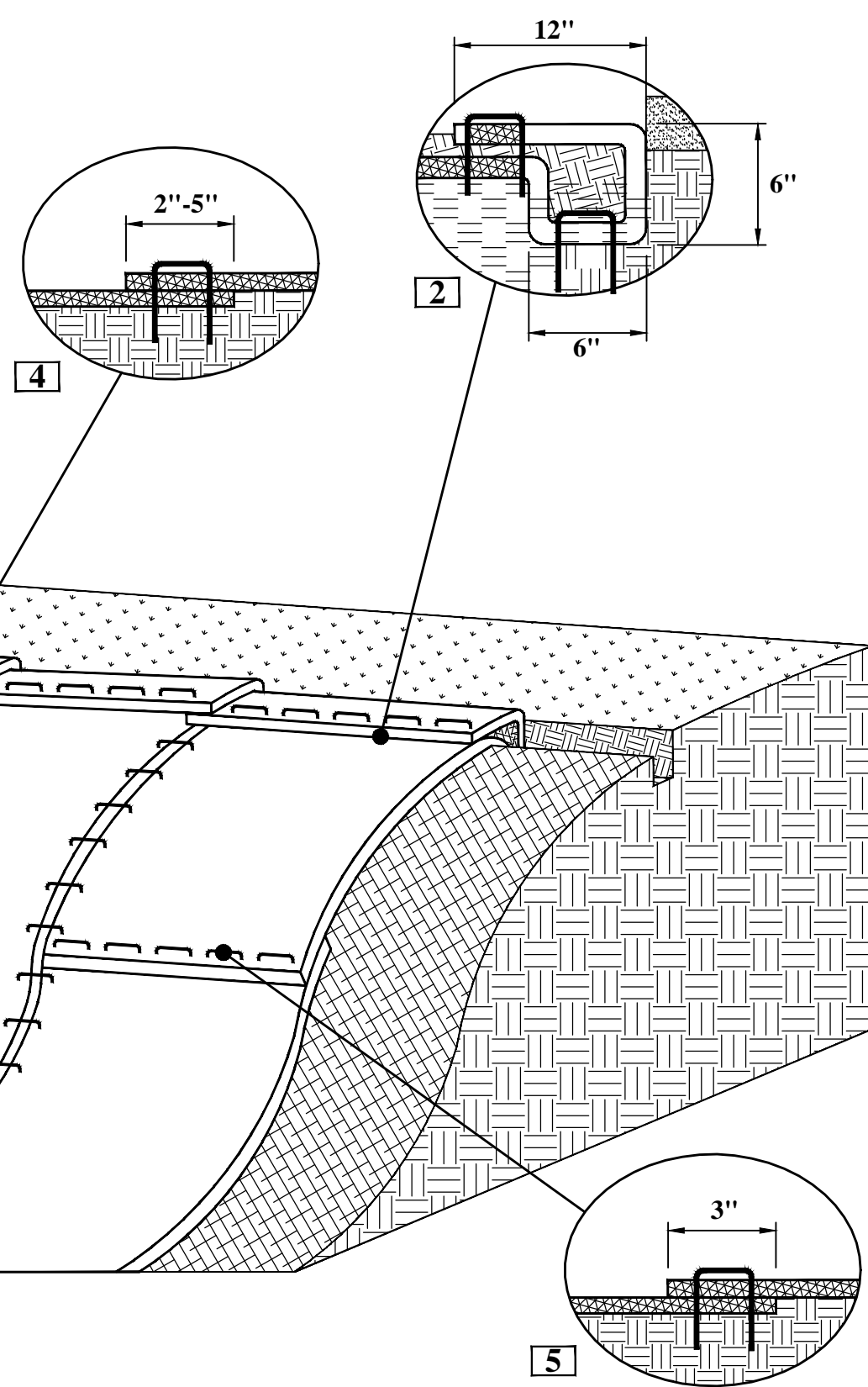
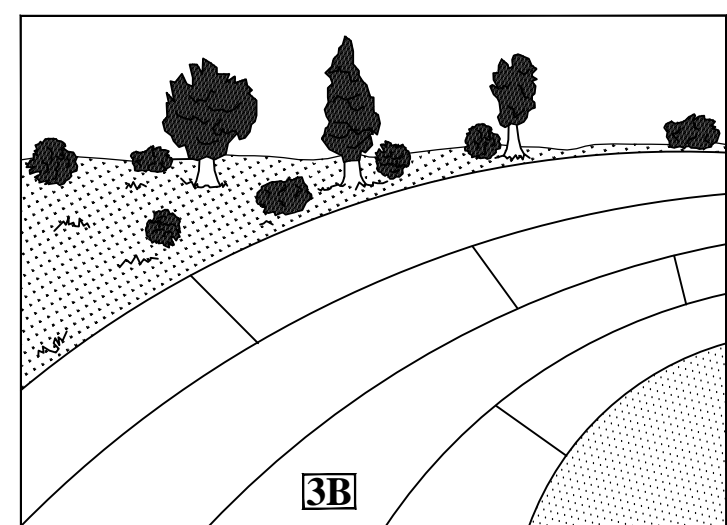
MAXIMUM DRAINAGE AREA 1 ACRE



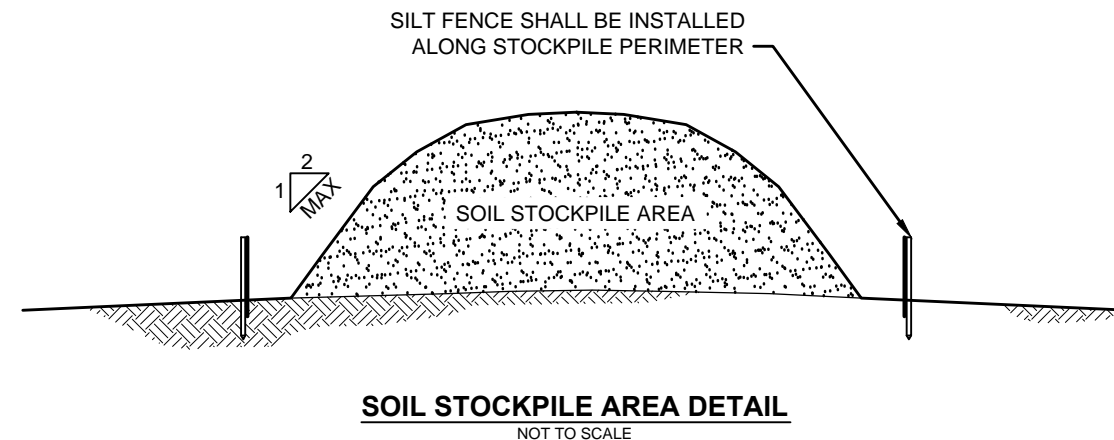
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WIRE.
4. THE WEIR SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES LONG SPACED NO MORE THAN 6 FEET APART.
5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.

MAXIMUM DRAINAGE AREA 1 ACRE



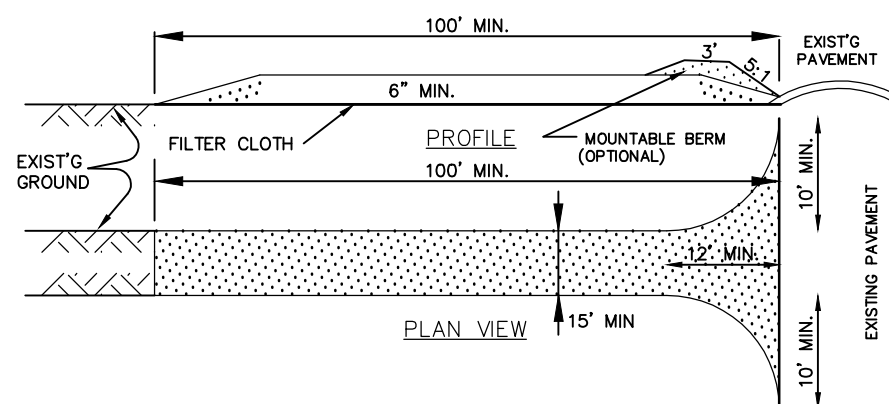
NOTE: 12" STAPLES SHALL BE USED IN SANDY SOIL CONDITIONS.



NOTE: SOIL STOCKPILES TO REMAIN INACTIVE FOR 7 DAYS OR GREATER MUST BE STABILIZED WITH TEMPORARY SEEDING OR MULCH (DEPENDENT UPON WEATHER CONDITIONS) AND ENCLOSED WITH SILT FENCE.

CONSTRUCTION SPECIFICATIONS FOR TEMPORARY VEGETATIVE COVER

1. RYE GRASS (ANNUAL OR PERENNIAL) AT 30 LBS. PER ACRE (0.7 LBS/1000 SF)
 2. CERTIFIED "ARCOSTOCK" WINTER RYE (CEREAL RYE) AT 100 LBS. PER ACRE (2.5 LBS/SF)
- METHOD OF DUST CONTROL: TEMPORARY SEEDING SHALL BE AS FOLLOWS:
USE WINTER RYE IF SEEDING IN OCTOBER/NOVEMBER. HYDROSEED OR USE OF EROSION CONTROL BLANKETS/ANCHORING MAY BE NECESSARY TO ENSURE GOOD SEED TO SOIL CONTACT ON STEEP SLOPES AND TO MAINTAIN MOISTURE.
MULCH (INCLUDING GRAVEL MULCH) - MULCH OFFERS A FAST EFFECTIVE MEANS OF CONTROLLING DUST AND PROVIDES FOR STABILIZATION IN WINTER MONTHS. APPLICATION OF HAY MULCH SHALL BE 50 LBS./1,000 SF WITH UNIFORM APPLICATION OR APPROVED EQUAL. MULCH ANCHORING OR MACHINE TRACKING MAY BE NECESSARY TO ENSURE STABILIZATION.



1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 100 FEET
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - FIFTEEN (15) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
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 PIPIED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOVABLE 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. TRM MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE (SEE DETAIL).
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.

DUST CONTROL NOTES

NOT TO SCALE

DEFINITION

The control of dust resulting from land-disturbing activities.

PURPOSE

To prevent surface and air movement of dust from disturbed soil surfaces that may cause off-site damage, health hazards, and traffic safety problems.

CONDITIONS WHERE PRACTICE APPLIES

On construction roads, access points, and other disturbed areas subject to surface dust movement and dust blowing where off-site damage may occur if dust is not controlled.

DESIGN CRITERIA

Construction operations should be scheduled to minimize the amount of area disturbed at one time. Buffer areas of vegetation should be left where practical. Temporary or permanent stabilization measures should be installed. No specific design criteria is given; see construction specifications below for common methods of dust control.

CONSTRUCTION SPECIFICATIONS

Vegetative Cover - For disturbed areas not subject to traffic; vegetation provides the most practical method of dust control. Temporary seeding shall be as follows:

1. Rye Grass (Annual or Perennial) at 30 lbs. per acre (0.7 lbs/1000 SF)
2. Certified "ArcoStock" Winter Rye (Cereal Rye) at 100 lbs. per acre (2.5 lbs/SF)

Use Winter Rye if seeding in October/November.

Mulch (including gravel mulch) - Mulch offers a fast effective means of controlling dust.

Spray Adhesives - Examples of spray adhesives for use on mineral soils are shown in the following table.

Material	Water Dilution	Type of Nozzle	Apply Gallons/Acre
Acrylic Polymer	9:1	Coarse Spray	500
Liter Emulsion	12:5:1	Fine Spray	235
Resin in Water	4:1	Fine Spray	300

Water quality should be considered when materials are selected for dust control.

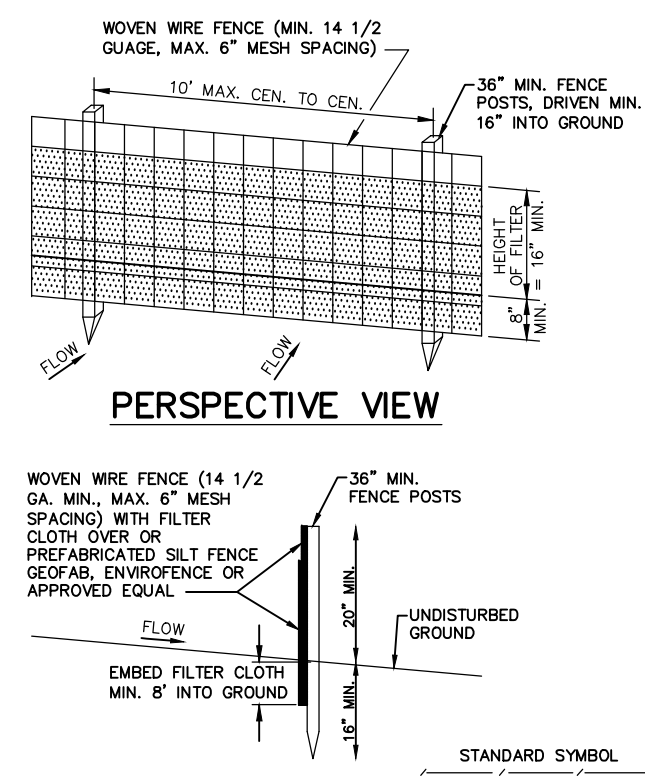
Seeding - The site may be sprayed until the surface is wet. This is especially effective on haul roads and access routes.

Stone used for construction roads is also effective for dust control.

Barriers - A fence or similar barrier can control air currents at intervals equal to fifteen times the barrier height. Preserve existing wind barrier vegetation as much as practical.

MAINTENANCE

1. Apply temporary stabilization seeding (or mulch/approved seed in winter conditions) to any area to remain inactive for 14 days or more.
2. Maintain dust control measures through dry weather periods until all disturbed areas are stabilized.



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 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 INWARD AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
4. FILTER CLOTH: FILTER X, MEANS 100% OR APPROXIMATELY EQUAL, PRETREATED UNIT: GEOTEX, ENVIRONMENTAL, OR APPROVED EQUAL.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 1/4 1/2 GA. 6" MAX. MESH OPENING

UNIT: GEOTEX, ENVIRONMENTAL, OR APPROVED EQUAL.

NOTES:

1. PREPARE SOIL BEFORE INSTALLING TURF REINFORCEMENT MAT (TRM), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, SEED AND INSTALLATION OF TREES AND SHRUBS.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE TRM IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF TRM EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE TRM WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12" PORTION OF TRM BACK OVER THE SEED AND COMPACTED SOIL. SECURE TRM OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE TRM.
3. ROLL THE TRM (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. TRM WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL TRM MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE (SEE DETAIL).
4. THE EDGES OF PARALLEL TRM MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON THE TRM TYPE.
5. CONSECUTIVE TRM SPLICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE TRM WIDTH.
6. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE TRM.
7. CUT THE TRM AROUND TREES AND SHRUBS AS NECESSARY BUT ONLY THE MINIMUM REQUIRED FOR INSTALLATION. ALL SEAMS REQUIRED SHALL BE OVERLAPPED AND STAPLED.

3.	3-20-15	NO REVISIONS THIS SHEET	CCV
2.	6-16-14	NO REVISIONS THIS SHEET	CCV
1.	6-3-14	REVISED AS PER VILLAGE COMMENT LETTER DATED 5-15-14, SHEET ADDED TO SET	JRW
No.	DATE	REVISION	BY:
EROSION CONTROL DETAILS VILLAGE VISTAS SITUATED AT THE INCORPORATED VILLAGE OF PORT JEFFERSON TOWN OF BROOKHAVEN, SUFFOLK COUNTY, NEW YORK S.C.T.M No. 0206-016-08-LOTS 7, 8.1, 8.2, 9, 10, 13.1, 18, 23, 24, 25 & P/O WILLOUGHBY STREET			
NELSON & POPE ENGINEERS • DESIGNERS • SURVEYORS 572 WALT WHITMAN ROAD, MELVILLE, N.Y. 11747-2188 (631) 427-5665 FAX (631) 427-5620			
DWN. BY: CCV DATE: 4-25-14 CHK'D BY: TCD DATE: 4-25-14 JOB No.: 03309 FILE: CADD: 03309AMNDSP7 SCALE: AS SHOWN SHEET: 12 OF 19			