

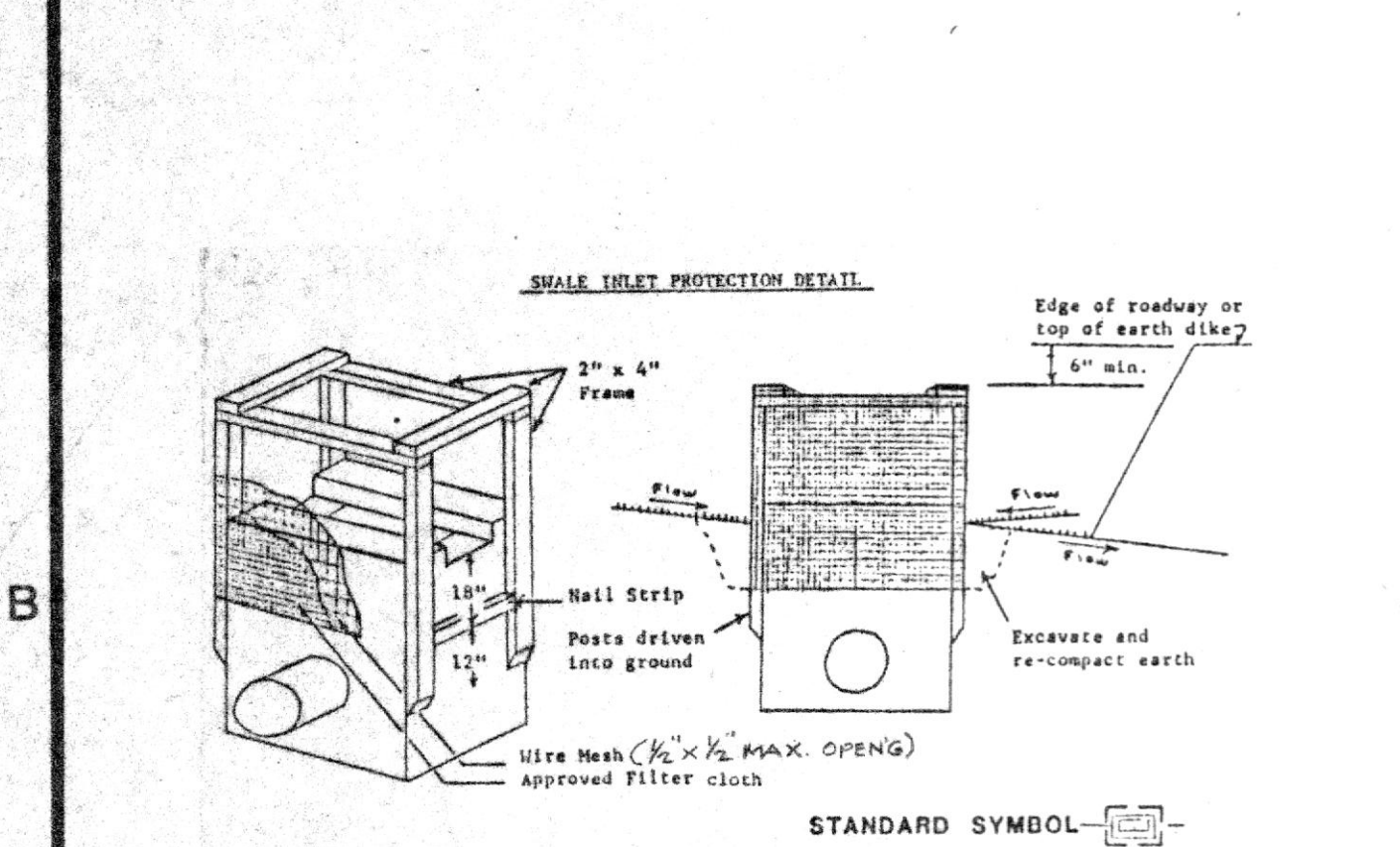
CONSTRUCTION SPECIFICATIONS

- Show Size - 2" x 4" wood, as indicated or recycled concrete equivalent.
- Length - As required, but not less than 50 ft. (except on a single residence lot where a 30 ft. minimum length would apply).
- Supports - Not less than 6" diameter.
- Width - The (30 ft.) minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or directed toward construction entrance shall be ponded across the entrance. If ponding is impractical, a channel with 2% slope will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent clogging or flowing of surface water past the entrance. This may require periodic top dressing with additional stone or maintenance of stone and repair and/or cleaning of any measure used to trap sediment. All sediment, silt, gravel, washed or tracked dirt public right-of-way must be removed immediately.
- Marking - Means shall be placed to remove sediment prior to entrance and public right-of-way. When used in a residential area, it shall be done in an area that will not be visible from an adjacent roadway through a fence. The marking shall be provided after each rain.
- Inspection - Inspection and record maintenance shall be provided after each rain.

U.S. DEPARTMENT OF AGRICULTURE STABILIZED CONSTRUCTION ENTRANCE SOIL CONSERVATION SERVICE COLLEGE PARK, MD. 14-03

TEMPORARY SEEDING NOTES

- Soil Preparation: Loosen upper three inches by dicing, raking or other acceptable means before seeding.
- Soil Amendments: Apply 600 lbs./acre (14 lbs./1000 sq. ft.) of 10-10-10 fertilizer.
- Seeding: For periods March 1 thru April 30, and August 15 thru November 15, seed with 2 1/2 lbs./acre of annual ryegrass (13.2 lbs./1000 sq. ft.). For the period May 1 thru August 15, seed with 3 lbs. per acre of Weeping Lovegrass (0.07 lbs./1000 sq. ft.). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring.
- Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal./1000 sq. ft.) of unsulfated kelp meal on five acres. On slopes 4 feet or higher, use 3 1/2 gallons per acre (8 gal./1000 sq. ft.) for anchoring.



CONSTRUCTION SPECIFICATIONS FOR SHALE INLET PROTECTION

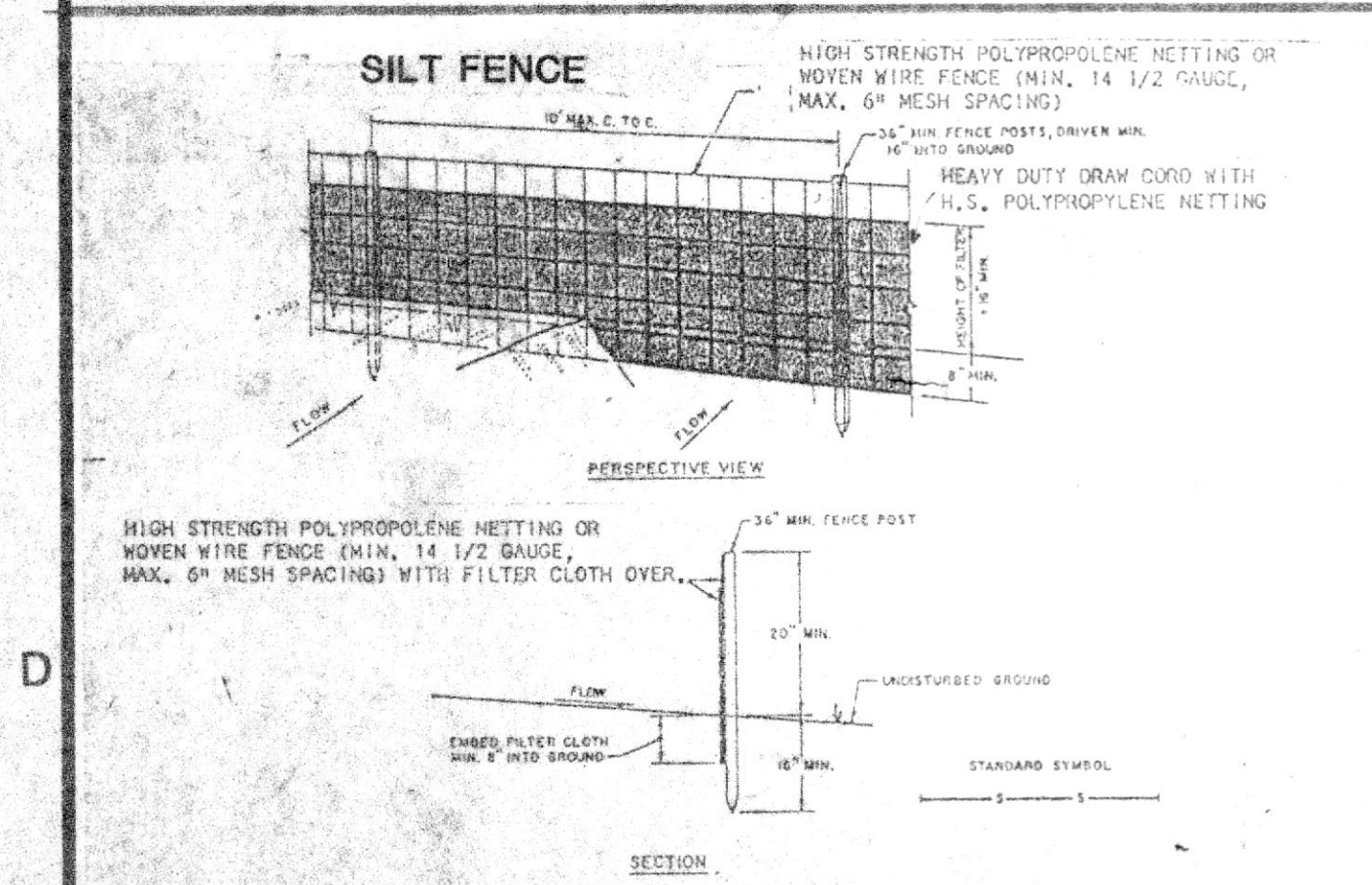
- MATERIALS**
 - Wooden frame is to be constructed of 2" x 4" construction grade lumber.
 - Wire mesh must be of sufficient strength to support filter fabric, and secure for curb inlets, with water fully impounded against it.
 - Filter cloth must be of a type approved for this purpose; resistant to sunlight with a life expectancy of 5 years, to allow sufficient passage of water and removal of sediment.
 - Stone is to be 2" in size and clean, since fines would clog the cloth.
- PROCEDURE**
 - Excavate completely around inlet to a depth of 18" below inlet elevation.
 - Bridge 2 x 4 post 1" into ground at four corners of inlet. Place nails on line between posts on ends of inlet. Assemble top portion of 2 x 4 frame using overlap joints shown. Top of frame (exterior) must be 4" below edge of roadway adjacent to inlet.
 - Stretch wire mesh tightly around frame and fasten securely. Secure mesh at post.
 - Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet mesh above. Fasten securely to frame. Stone must not be placed in overtopped inlet before the fabric is down.
 - Backfill around inlet in compacted 4" layers until level of earth is even with notch elevation on ends and top elevation on sides.
 - If the inlet is not in a low point, construct a connected earth dike in the ditchline below it. The top of this dike is to be at least 4" higher than the top of frame (exterior).
 - This structure must be inspected frequently and the filter fabric replaced when clogged.

TEMPORARY METHOD FOR DUST CONTROL

- Mulches** - See standards for erosion control areas stabilization with mulches etc. Chemical mulch binders may be used instead of asphalt to bind mulch material. Binders such as Oxaloid or Terracote should be used according to manufacturer's recommendations.
- Vegetative Cover** - See standards for temporary vegetative cover.
- Spillage Absorbents** - On mineral soils (not effective on rock soils). Keep traffic off these areas.

Water Application	Type of Mulch	Apply Gallons/Ac.
Atomic asphalt emulsion	7:1 Coarse Spray	1,300
Laticrete emulsion	2 1/2:1 Fine Spray	235
Pectin-Glycerin emulsion	4:1 Fine Spray	305

- Dicing** - To roughen surface and bring solids to the surface. This is an emergency measure which should be used before soil binding agents begin piling on windward side of sites. Critical-type plows appear about 12" apart, application of barrows, and other plows are examples of equipment which may produce the desired effect.
- Installation** - This is generally done as an emergency treatment. Site is sprinkled with water until the surface is moist. Repeat as needed.
- Barriers** - Solid board fences, snow fences, burlap fences, straw walls, piles of hay and similar material can be used to control air currents and soil blowing. Barriers placed at right angles to prevailing winds at intervals of about 15 times their height are effective in controlling soil blowing.



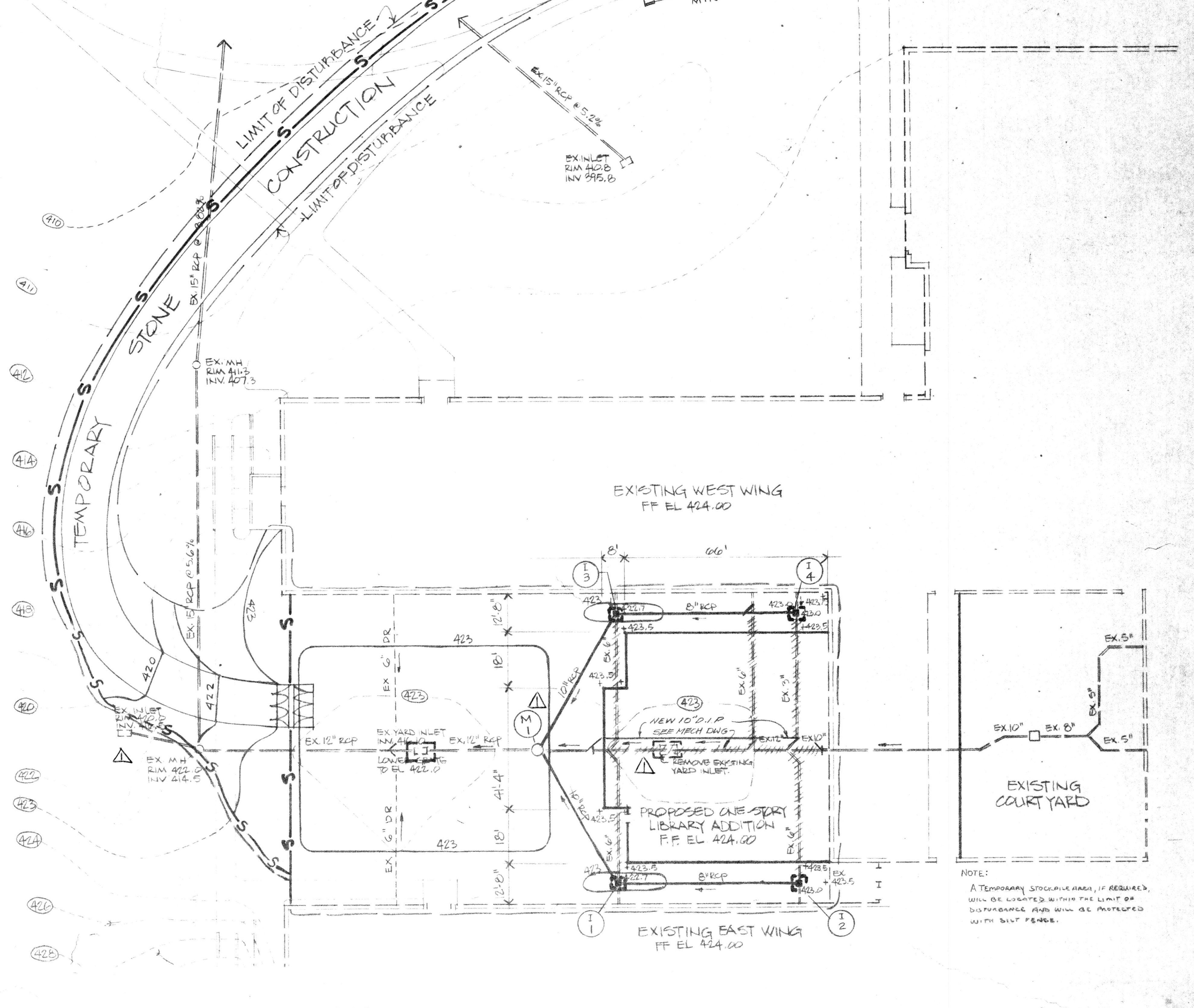
CONSTRUCTION WIRE FOR FABRICATED SILT FENCE

- HIGH STRENGTH POLYPROPYLENE NETTING OR WOVEN WIRE FENCE TO BE FASTENED SECURELY TO POLE POSTS WITH WIRE STAPLES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH ZEE SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL MOVED WHEN NECESSARY TO REPAIR OR REPLACE THE SILT FENCE.

POSTS: STEEL T OR U TYPE OR 1 1/4" X 1 1/4" MINIMUM ACTUAL DIMENSIONS HARDWOOD.

FENCE: WOVEN WIRE, 14 GA., 5" HAVING MESH OPENING OR HIGH STRENGTH POLYPROPYLENE NETTING.

FILTER CLOTH: FILTER X, HIRAFIL 100X, STABILIZED TYPAR OR APPROVED EQUAL, PREFABRICATED UNITS, GEOTEX, ENVIROFORCE, OR APPROVED EQUAL.



GENERAL NOTES

- REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN.
- WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, FINDER FIELD ADJUSTMENTS CAN AND WILL BE MADE TO INSURE THE CONTROL OF ANY SEDIMENT. CHANGES IN SEDIMENT CONTROL PRACTICES REQUIRE PRIOR APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT.
- AT THE END OF EACH WORKING DAY, ALL SEDIMENT CONTROL PRACTICES WILL BE INSPECTED AND LEFT IN OPERATIONAL CONDITION.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETE WITHIN 14 SEVEN CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DICES, GRAPES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND 8:1 FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WHICH WILL REMAIN UNDEVELOPED FOR FOURTEEN DAYS.
- ANY CHANGE TO THE GRADING PROPOSED ON THIS PLAN WHICH WOULD ALTER THE SURFACE DRAINAGE PATTERN REQUIRES RESUBMISSION OF A REVISED PLAN TO THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT.
- ANY VARIATION FROM THE SEQUENCE OF OPERATIONS STATED ON THIS PLAN REQUIRES THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR AND THE BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT PRIOR TO INITIATION OF THE CHANGE.
- EXCESS CUT OR BLOWN MATERIAL SHALL GO TO OR FROM, RESPECTIVELY, A SITE WITH AN OPEN GRADING PERMIT.

CONTRACTOR'S CERTIFICATION:

I, *Robert S. Fisher*, certify that this plan of erosion and sediment control practices is a practical and workable plan based on my personal knowledge of the site, and that this plan was prepared in accordance with the requirements of the BALTIMORE COUNTY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND RESOURCE MANAGEMENT AND THE CURRENT STATE OF MARYLAND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS GRADING AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

Robert S. Fisher 5/15/91 DATE
ROBERT S. FISHER, P.E. 7195 NO. LICENSE NUMBER

OWNER/DEVELOPER'S CERTIFICATION:

I, *Sister Helen Marie*, HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THIS CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENTAL PROTECTION TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I, *Sister Helen Marie*, ALSO CERTIFY THAT THE SITE WILL BE PROTECTED AT THE END OF EACH WORKING DAY, AND THAT ANY NEEDED MAINTENANCE WILL BE COMPLETED SO AS TO INSURE THAT ALL SEDIMENT CONTROL PRACTICES ARE LEFT IN OPERATIONAL CONDITION. I, *Sister Helen Marie*, WILL CONTACT THE BUREAU OF AIR QUALITY, FIELD SERVICES SECTION (667-3757) AT LEAST THREE DAYS PRIOR TO BEGINNING WORK.

Sister Helen Marie DATE
SIGNATURE OWNER/DEVELOPER TITLE

NOTE: ALL CONSTRUCTION FOR THIS CONTRACT SHALL BE ACCOMPLISHED WITHIN THE SCHOOL PROPERTY.

LEGEND:

- LIMIT OF DISTURBANCE
- SILT FENCE
- INLET PROTECTION
- MOUNTABLE BEAM
- STABILIZED CONSTRUCTION ENTRANCE
- EXISTING GROUND CONTOURS
- PROPOSED GRADE CONTOURS

TOTAL AREA TO BE DISTURBED: 29,945 SF OR 0.681 AC
TOTAL AREA TO BE VEGETATIVELY STABILIZED: 24,530 SF
EARTH QUANTITIES WILL BE TAKEN BY THE CONTRACTOR.

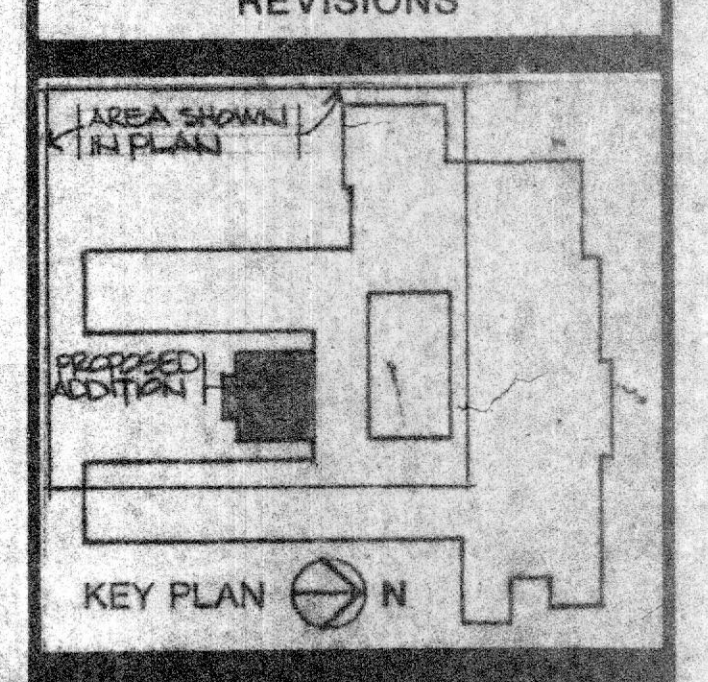


810 Light Street Baltimore Maryland 21202

- PERMITS OF CONSTRUCTION:**
- Notify Baltimore County Department of Environmental Protection and Resource Management, Sediment Control Division (667-2261) at least 48 hours prior to beginning work on-site.
 - Install silt fence along route of construction road and maintain until work of existing building is shown. Also install SCE and inlet protection at existing inlets as shown.
 - Construct temporary stone construction road for contractor's access.
 - Notify Baltimore County Department of Environmental Protection & Resource Management, Sediment Control Division, upon completion of site stabilization.
 - With the approval of Baltimore County Department of Environmental Protection & Resource Management, sediment control inspector, proceed with construction.
 - Contractor to obtain location and direction of existing drains and then construct storm drainage system from the site to street and T.M. Install silt protection at new inlets.
 - Construct new 10" ductile iron pipe thru building foundation location and connect to existing storm drainage system.
 - After clearing all existing drains to the new system, remove all existing drains from beneath the building addition outline and proceed with building construction and site work.
 - Note that sediment and erosion control measures and devices shall be inspected and maintained by the Contractor daily during the entire project.
 - When Contractor's access road is no longer required, remove at least 4" of stone, replace the area to the original ground contour and cover with a minimum of 4" top soil and topsoil and maintain disturbed areas. SCE TO REMAIN UNTIL NOTE 11.
 - With the approval of the sediment control inspector, remove sediment control measures.
 - Stabilize all remaining areas.

SITE DATA NOTE: SITE DATA FOR BUILDING FOOTPRINT CONTOURS, ELEVATIONS, UNDERGROUND PIPE SIZES, LOCATION, INSETS AND SLATES ARE FROM DRAWING A-1 AS PREPARED BY TAYLOR AND FISHER ARCHITECTS DATED APRIL 1, 1987, AND DRAWING ME-1 AS PREPARED BY HEURY ADAMS, INC. MECHANICAL ENGINEERS DATED APRIL 1987.

No.	Date	Description
6/14/91		ADDENDUM NO. 1



ADDITIONS AND RENOVATIONS TO
NOTRE DAME PREPARATORY SCHOOL
Towson, Maryland

PROJ NO	DWG NO
9060	C-2
DATE	APR 29 1991
	6/14/91