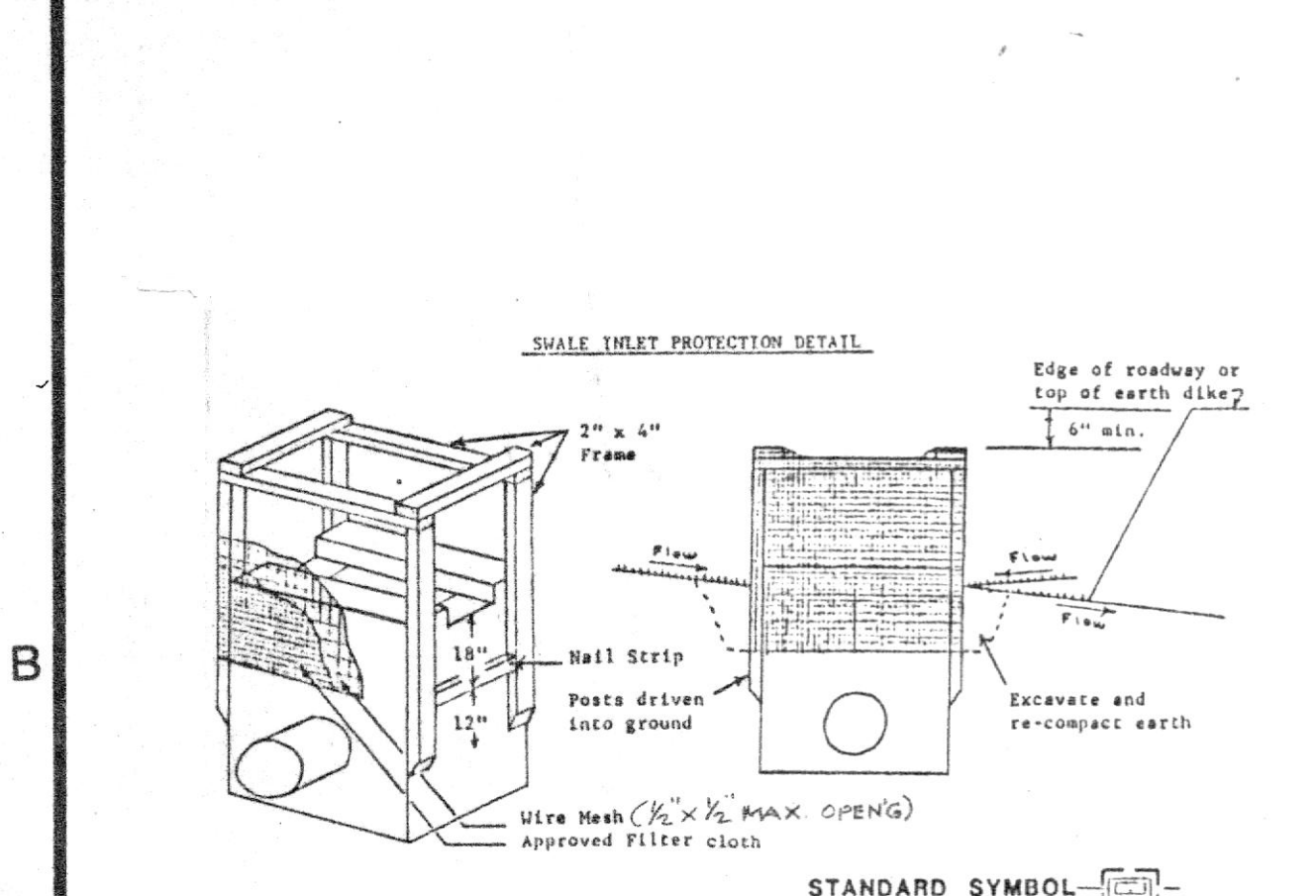


**THIRDMONY SEDIMENT NOTES**

- Soil Preparation:** Loosen upper three inches by raking, 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 from August 15 thru November 15, seed with 2-1/2 lbs./1000 sq. ft. of annual type 13-2 lbs./1000 sq. ft. For the period May 1 thru August 15, seed with 3 lbs. per acre of Weeping Lovegrass (10.07 lbs./1000 sq. ft.). For the period November 15 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in spring.
- Mulching:** Apply 1-1/2 to 2 tons per acre (70 - 90 lbs./1000 sq. ft.) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 210 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes eight feet or higher, use 340 gallons per acre (8 gal./1000 sq. ft.) for anchoring.



**PERMANENT SEDIMENT NOTES**

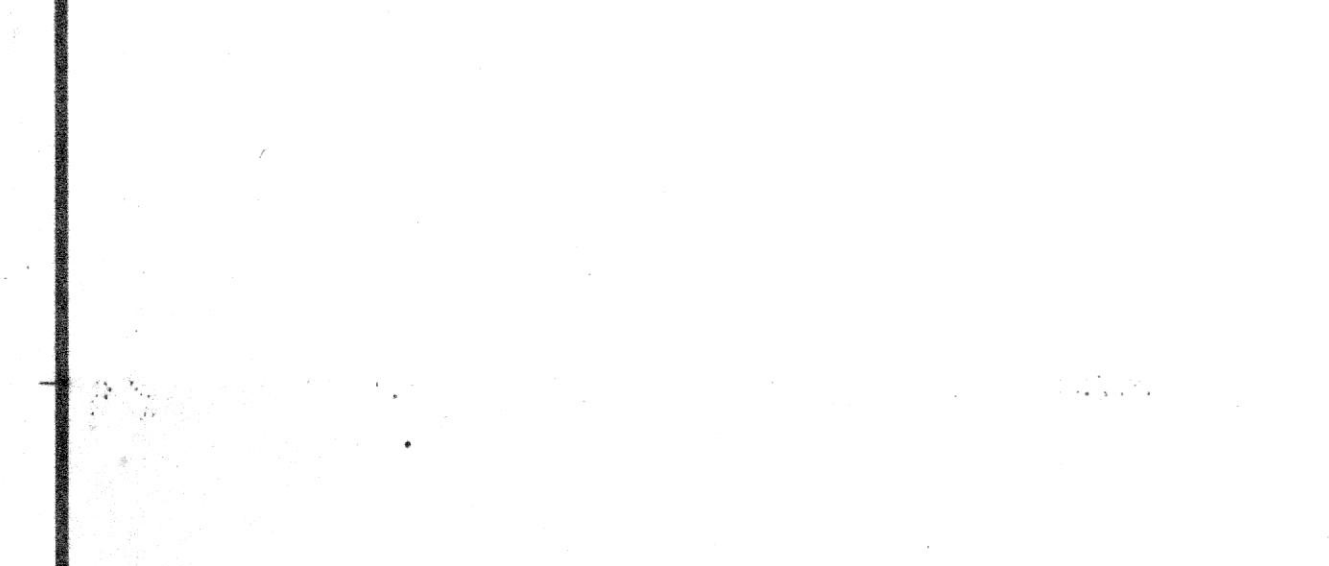
All disturbed areas shall be stabilized as follows:

- Soil Preparation:** Loosen upper three inches of soil by raking, raking or other acceptable means before seeding.
- Soil Amendments:**
  - Preferred:** Apply two tons per acre dolomitic limestone (19 lbs./1000 sq. ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.) before seeding, narrow or disc into upper three inches of soil. At time of seeding, apply 600 lbs. per acre 30-0-0 Ureaform fertilizer (19 lbs./1000 sq. ft.).
  - Acceptable:** Apply two tons per acre dolomitic limestone (19 lbs./1000 sq. ft.) and 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq. ft.) before seeding, narrow or disc into upper three inches of soil.
- Seeding:**

For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. of Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (0.05 lbs./1000 sq. ft.) of Weeping Lovegrass. During the period of October 15 thru February 28, protect site by:

  - 2 tons per acre of well anchored straw mulch and seed as soon as possible in spring.
  - Use seed.
  - Seed with 60 lbs./acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
- 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 of 210 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes eight feet or higher, use 340 gallons per acre (8 gal./1000 sq. ft.) for anchoring.
- Inspect all seeded areas and make needed repairs, replacements and coverings.

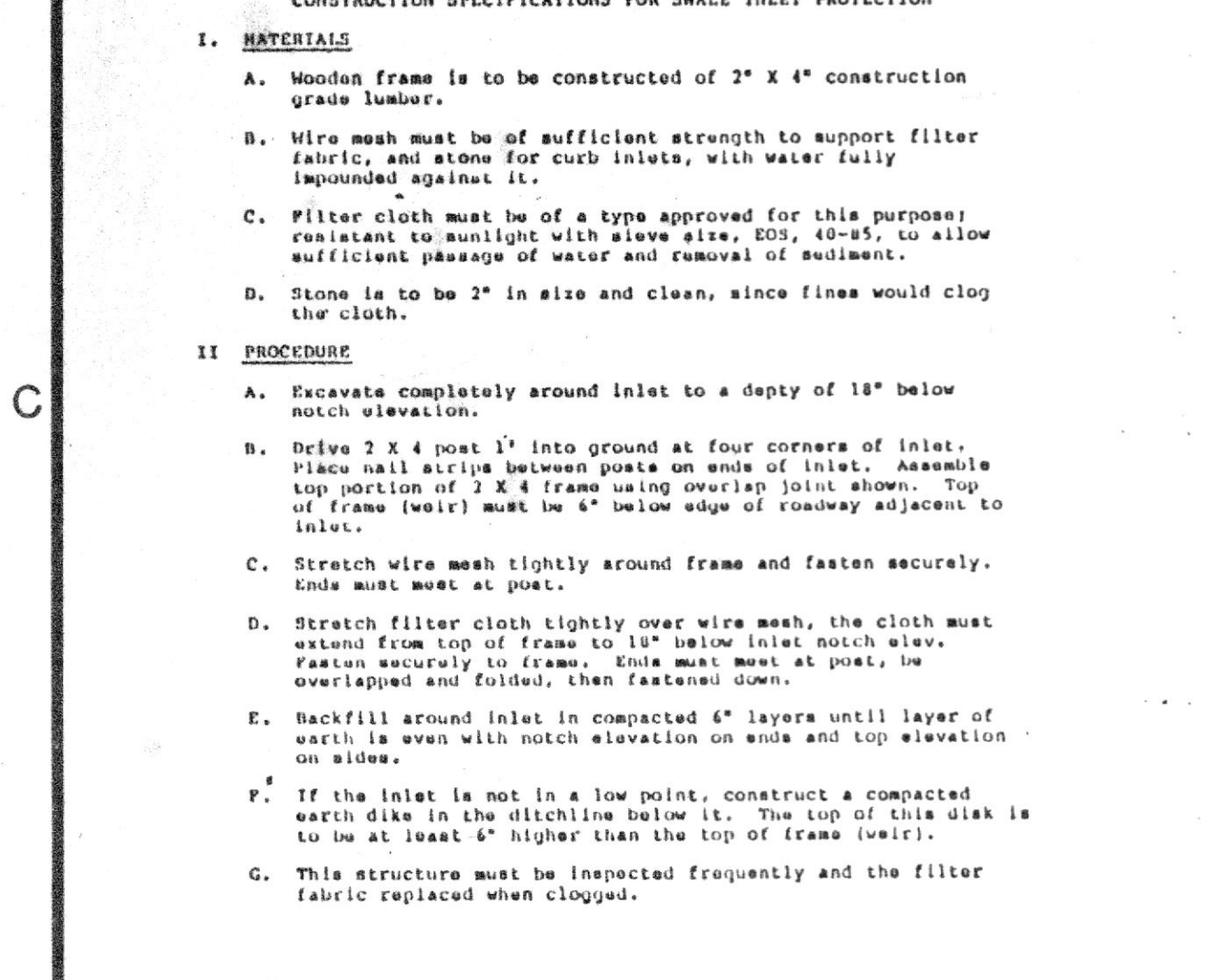


**TEMPORARY METHOD FOR DUST CONTROL**

- Mulches** - See standards for critical area stabilization with mulches only. Chemical mulch binders may be used instead of asphalt to bind mulch material. Binders such as Curatol or Teratrol should be used according to manufacturer's recommendations.
- Vegetative Cover** - See standards for temporary vegetative cover.
- Spay-on Adhesives** - On mineral soils (not effective on muck soils). Keep traffic off these areas.

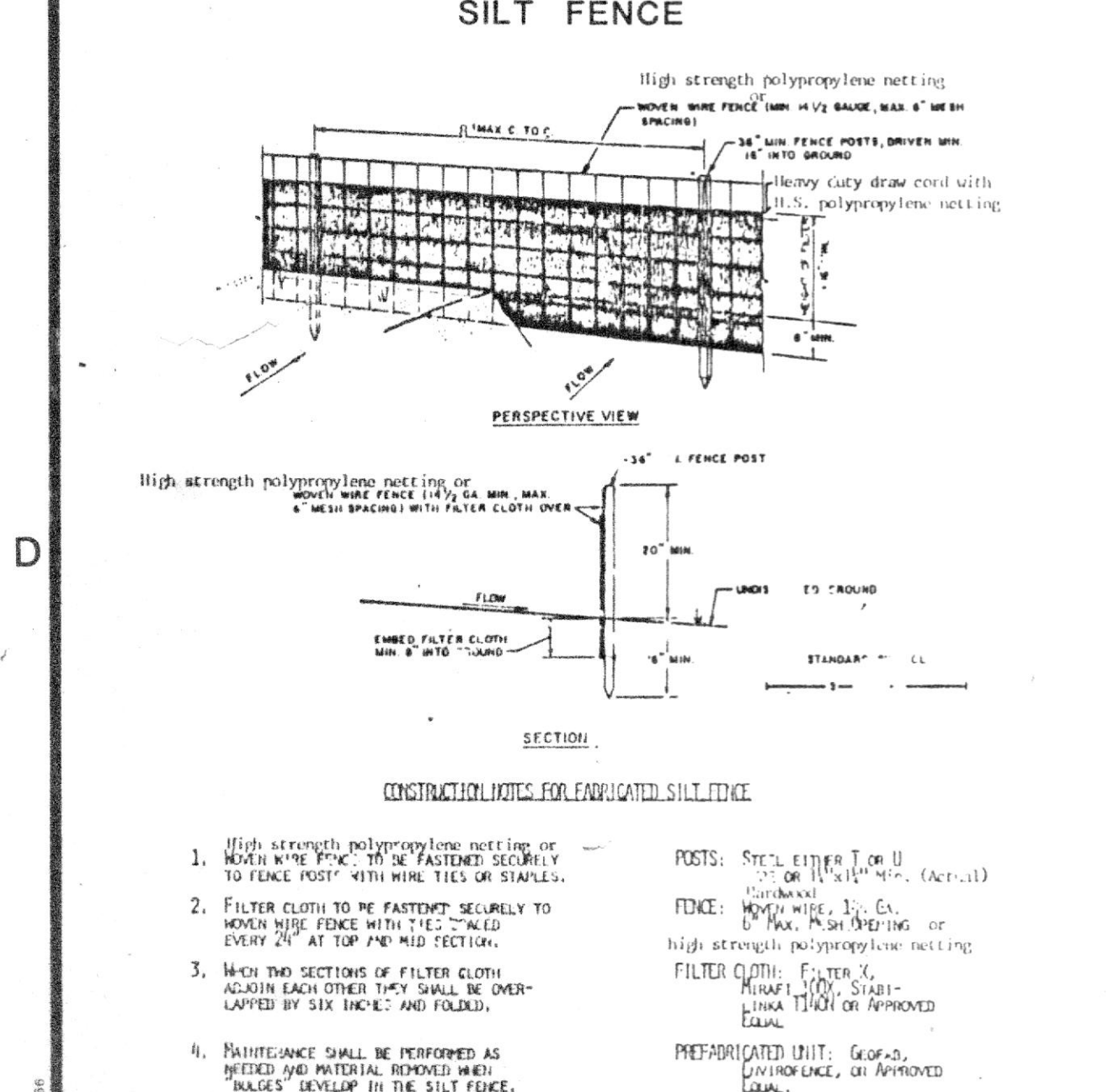
Mulch	Dilution	Type of Nozzle	Applic. Gallons/Ac.
Anticote asphalt emulsion	7:1	Coarse Spray	1,200
Latex emulsion	12:1 to 15:1	Fine Spray	235
Methylacrylate emulsion	4:1	Fine Spray	300

- Walls** - to roughen surface and bring silt to the surface. This is an emergency measure which should be used before soil blowing starts. Begin blowing on windward side of site. Chisel-type blowers about 12' apart, applied to the surface, and similar blowers are examples of equipment which may produce the desired effect.
- Insulation** - 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, etc. are used. Being of hay and similar material can be used to control air currents and soil blowing. Barriers placed at spots subject to severe blowing at intervals of about 15 times their height are effective in controlling soil blowing.



**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, MINOR 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 48 HOURS CALCULATED DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DICES, CHANNELS, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) AND 87 FOURTEEN DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE WHICH WILL REMAIN EXPOSED FOR MORE THAN 14 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 BORROW MATERIAL SHALL GO TO OR FROM, RESPECTIVELY, A SITE WITH AN OPEN GRADING PERMIT.



**CONSTRUCTION NOTES FOR EROSION CONTROL**

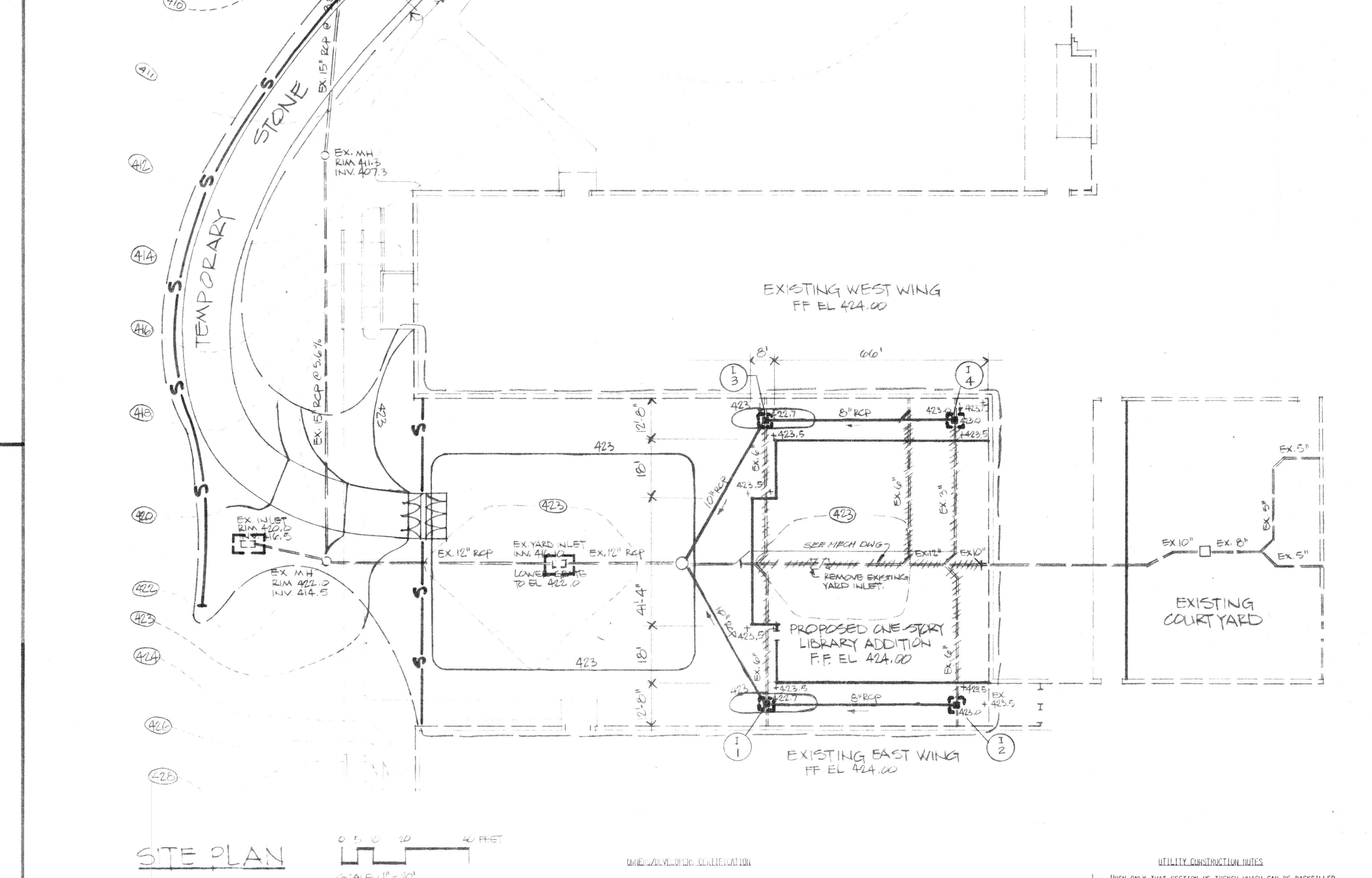
- High strength polypropylene netting or mesh must be secured to the 2' x 4' frame with 1/2 inch mesh.
- Filter cloth to be fastened securely to mesh with 1/2 inch mesh.
- Mesh netting or filter cloth shall be unrolled by six inches and folded.
- Fastening shall be performed as noted and material removed when needed.

**PREPARED BY:** JAMES G. KEERS, P.E. (Professional Engineer)

**DATE:** 5/15/91

**PROJECT NO.:** 715

**REV. LICENSE NUMBER:**



**LEGEND:**

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

**CONTRACTOR'S CERTIFICATION:**

I, the undersigned, hereby certify that I am a responsible person in the State of Maryland and that I am duly licensed as a Professional Engineer in the State of Maryland. I have prepared this plan in accordance with the requirements of the Department of Environmental Protection and Resource Management and the current state of Maryland specifications for soil erosion and sediment control. I have reviewed this plan and I am satisfied that it complies with the requirements of the Department of Environmental Protection and Resource Management.

**SIGNATURE:** James G. Keers, P.E.

**DATE:** 5/15/91

**PROJECT NO.:** 715

**REV. LICENSE NUMBER:**

**UTILITY CONSTRUCTION NOTES**

- USE ONLY THAT SECTION OF TRENCH WHICH CAN BE BACKFILLED AND STABILIZED EACH DAY.
- PLACE ALL EXCAVATED MATERIAL ON THE UPHILL SIDE OF THE TRENCH.
- ANY SEDIMENT CONTROL MEASURES DISTURBED BY UTILITY CONSTRUCTION ARE TO BE REPAIRED IMMEDIATELY.
- EXISTING UNDERGROUND PIPE SHOWING THIS SYMBOL SHALL BE REMOVED. ALL PIPE REMAINING UNDER THE NEW BUILDING SHALL BE REMOVED AND REPLACED WITH CASTLE IRON.

**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**

**Gaudreau, Inc.**  
Architects Planners Engineers  
Baltimore

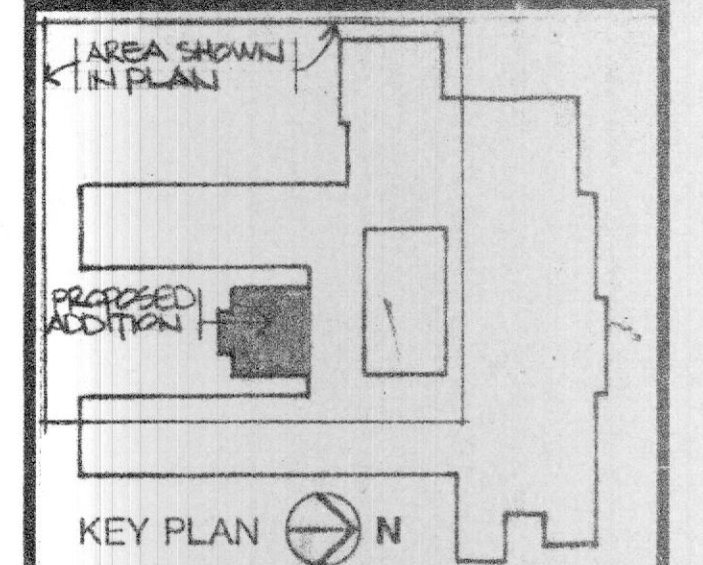
810 Light Street Baltimore Maryland 21203

- SEQUENCE OF CONSTRUCTION**
- Notify Baltimore County Department of Environmental Protection and Resource Management, Sediment Control Division (487-2224) at least 48 hours prior to beginning work on-site.
  - Install silt fence along roads of construction road and between west wings of existing building as shown. Also install silt fence 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 said installation.
  - With the approval of Baltimore County Department of Environmental Protection & Resource Management, Sediment Control Inspector, proceed with construction.
  - Contractor to confirm locations and inverts of existing drains and then construct storm drainage system from inlets 2" and 4" silt fence and inlet protection at new inlets.
  - Construct new 10" ductile iron pipe thru building coordinating location and pipe connections with structural and plumbing requirements.
  - After diverting all existing drains to the new system, remove all existing drains from beneath the building addition 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 then seed and mulch all disturbed areas.
  - With the approval of the sediment control inspector, remove sediment control measures.
  - Stabilize all remaining areas.

**SITE DATA NOTE:**

SITE DATA FOR BUILDING FOOT-PRINT CONTOURS, SPOT ELEVATIONS, UNDERGROUND PIPE SIZES, LOCATION, INVERTS AND SLOPES ARE FROM DRAWINGS AND AS PREPARED BY TAYLOR AND FISHER ARCHITECTS DATED APRIL 1, 1991, AND DRAWING ME-1 AS PREPARED BY HEURY ADAMS, INC. MECHANICAL ENGINEERS DATED APRIL 1, 1991.

No.	Date	Description



**NOTRE DAME PREPARATORY SCHOOL**  
Towson, Maryland

**SEDIMENT & EROSION CONTROL AND DETAILS**

PROJ NO: 9060  
DATE: 5/15/91  
DWG NO: C-2