## INDEX OF SHEETS

- 1. TITLE SHE T
- 2. PLAN AND DIFAILS EROSION AND SEDIMENT CONTROL
- 3 PROFILES
- 4. PIPE DIVERSION
- 5. WETLANDS PLAN
- 6. EROSION AND SEDIMENT CONTROL DETAILS

#### DESIGN CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF HOWARD CONSERVATION DISTRICT.

DESIGNER'S SIGNATURE

MARYLAND REGISTRATION NO. 10989 (P.E./, R.L.S., OR R.L.A.)

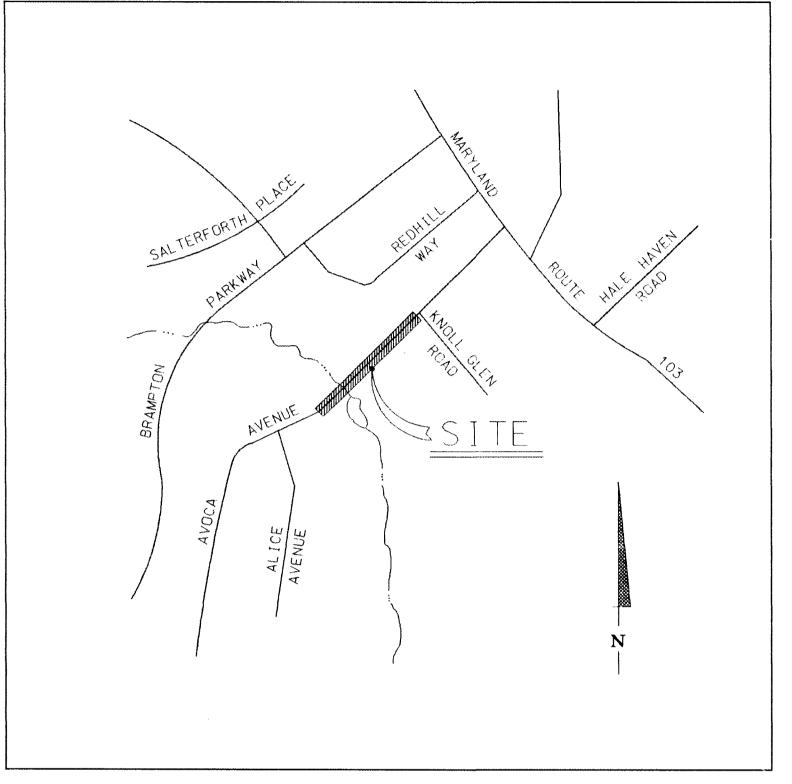
Kenneth M. Johns PRINTED NAME

### OWNER'S DEVELOPER'S CERTIFICATION

"I/WE HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

OWNER/DEVELOPER SIGNATURE

PRINTED NAME AND TITLE



SCALE: 1'' = 600'

QUANTITIES									
ITEM	ESTIMATE	AS-BUILT	MATL./ SUPPLIER						
15"RCP CL. IV	680 L.F.								
TYPE D INLET	6 EA.								
CONCRETE END SECTION	1 EA.								

# CAPITAL PROJECT No. D - 1078 S.E. HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS

WRA LETTER OF AUTORIZATION NO. 94\_NT- 0214

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION AND MEETS TECHNICAL REQUIREMENTS.

TURAL RESOURCES CONSERVATION SERVICE

CHIEF. BUREAU OF HIGHWAYS 146 DAYE

THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND

SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.

DEPARTMENT OF PUBLIC WORKS

HOWARD COUNTY, MARYLAND EBA ENGINEERING. INC. 5800 METRO DRIVE BALTIMORE, MARYLAND 21215 (410) 358-7171

CHIEF TRANSPORTATION PROJECTS

AND WATERSHED MANAGEMENT

DES: L.C. DRN: JDP CHK: L.C. DATE: 06/06/1995 BY NO. REVISION DATE 600' SCALE MAP NO. ---

TITLE SHEET

- BLOCK NO.

GENERAL NOTES:

#### DRAINAGE SYSTEM IMPROVEMENT PROGRAM CAPITAL PROJECT No. D-1078 S.E. HOWARD COUNTY, MARYLAND CONTRACT No.

ELECTION DISTRICT No. 6

2. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS BEFORE STARTING WORK SHOWN HEREON: MISS UTILITY 1-800-257-7777

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS

OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE,

BALTIMORE GAS & ELECTRIC CO., UNDERGROUND ELECTRICAL DISTRIBUTION ENGINEERING DAMAGE CONTROL 234-6313

BALTIMORE GAS & ELECTRIC CO., UNDERGROUND GAS DISTRIBUTION ENGINEERING 234-5533 CHESAPEAKE AND POTOMAC TELEPHONE CO. 725-9976 COLONIAL PIPELINE COMPANY 781-4641 HOWARD COUNTY BUREAU OF UTILITIES 313-4900

HOWARD COUNTY BUREAU OF CONSTRUCTION INSPECTION 313-1870 HOWARD COUNTY TRAFFIC DIVISION 313-2430 HOWARD COUNTY SURVEYING AND DRAFTING DIVISION 313-2417

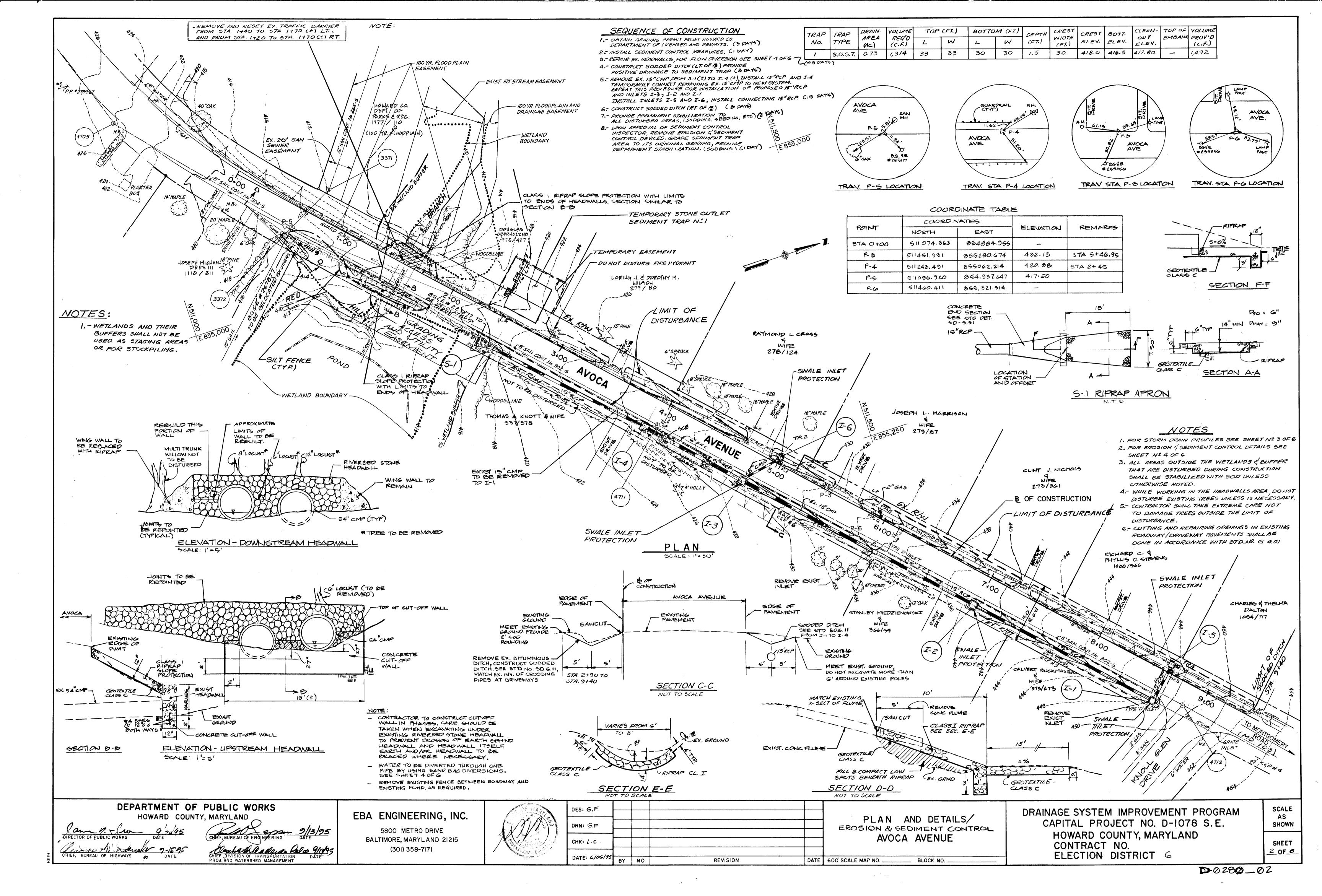
- 3. TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- 4. SURVEY OF THE SITE WAS PERFORMED BY EBA ENGINEERING IN JUNE, 1991.
- 5. COORDINATES AND ELEVATIONS ARE BASED ON HOWARD COUNTY CONTROL STATION NOS. 2139003. 2139004 AND 2139005.
- WETLANDS WERE DELINEATED BY HUMAN & RODHE, INC. ON JUNE 28, 1993.
- 7. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 FOR UNDERGROUND UTILITY LOCATIONS AT LEAST FIVE (5) DAYS PRIOR TO COMMENCING WORK SHOWN ON THE PLANS.
- 8. ALL TOP ELEVATIONS FOR THE PROPOSED INLETS AND MANHOLES ARE APPROXIMATE AND ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND THE ENGINEER. WHERE THE PROPOSED STORM DRAINS CROSS VEGETATED AREAS, POSITIVE DRAINAGE SHALL BE MAINTAINED AND THE TOP ELEVATIONS ADJUSTED AS DIRECTED BY THE ENGINEER.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ALL EXISTING DRIVEWAYS DAMAGED DURING CONSTRUCTION.
- 10. TREES ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES LOCATED OUTSIDE THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- 11. THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ON THESE PLANS ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION BEFORE STARTING CONSTRUCTION. NEITHER THE ENGINEER NOR THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS WARRANT OR GUARANTEE THE COMPLETENESS OR THE CORRECTNESS OF THE INFORMATION SHOWN.
- 12. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES. ANY DAMAGE DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE. CLEAR ALL UTILITIES BY A MINIMUM OF 6 INCHES.
- 13. TEST PITS SHALL BE DUG AT ALL UTILITY CROSSINGS TO DETERMINE EXISTING HORIZONTAL AND VERTICAL ALIGNMENT OF UTILITIES. TEST PITS SHALL BE DUG A SUFFICIENT AMOUNT OF TIME IN ADVANCE OF THE CONSTRUCTION OR TRENCHING OPERATION TO ALLOW FOR NECESSARY ADJUSTMENTS.
- 14. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL 🖼 THE RESULTS TEST PITS ARE INCLUDED ON THE STORM DRAIN PROFILES.
- 15. ALL UTILITY POLES MUST BE CLEARED BY FIVE (5) FEET. IF THE STORM DRAIN PIPING OR STRUCTURE WORK IS WITHIN FIVE (5) FEET OF A UTILITY POLE, THE POLE IS TO BE BRACED OR RELOCATED. RELOCATION OR BRACING OF UTILITY POLES WILL BE DONE BY OTHERS.
- 16. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- 17. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG LINE OF EXCAVATION AS DIRECTED BY THE ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR FURNISHING AND LAYING STORM DRAIN PIPE.
- 18. EXISTING WATER HOUSE SERVICES THAT ARE IN CONFLICT WITH THE PROPOSED STORM DRAINAGE FACILITIES SHALL BE ADJUSTED BY THE CONTRACTOR.
- 19. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, THE CONTRACTOR SHALL ABIDE BY THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, "STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION" AND THE SPECIAL PROVISIONS. IN THE EVENT OF ANY DISCREPANCY BETWEEN THESE TWO SOURCES, THE LATTER SHALL GOVERN.
- 20. EXISTING FENCES, MAILBOXES, SIGNS AND SHRUBS DISTURBED BY THE WORK SHALL BE RECONSTRUCTED OR REPLACED IN KIND.
- 21. ALL SLOPES AND/OR DISTURBED AREAS SHALL RECEIVE TWO (2) INCH DEPTH OF TOPSOIL AND SODDING EXCEPT WHERE OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- 22. LOCATION POINTS FOR INLETS, MANHOLES AND STRUCTURES:

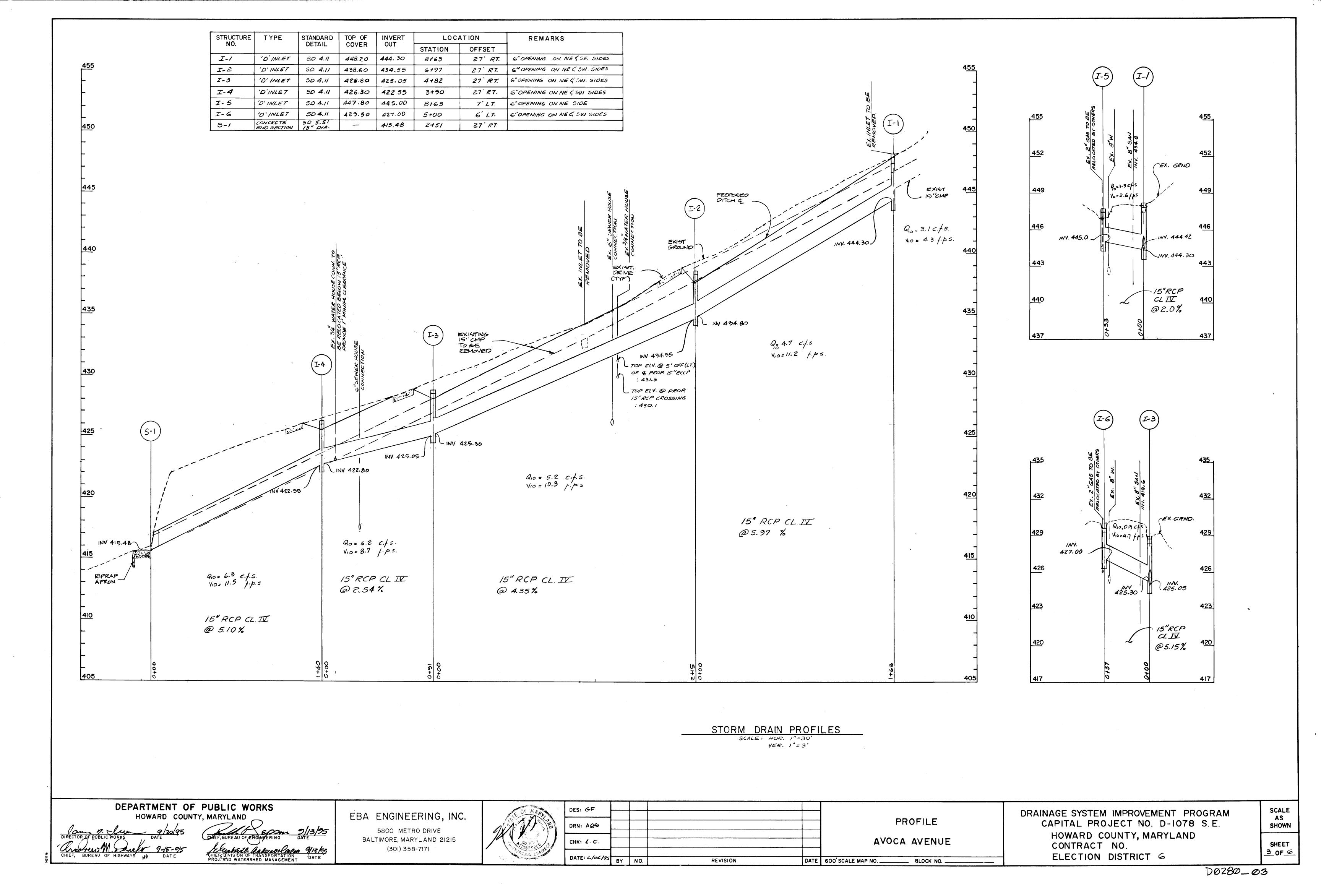
HORIZONTAL LOCATION VERTICAL LOCATION CURB TYPE INLETS TOP OF CURB CENTER FACE OF CURB GRATE TYPE INLETS CENTER OF GRATE TOP OF GRATE MANHOLES CENTER OF COVER TOP OF COVER ENDWALLS CENTER OF WALL TOP OF WALL

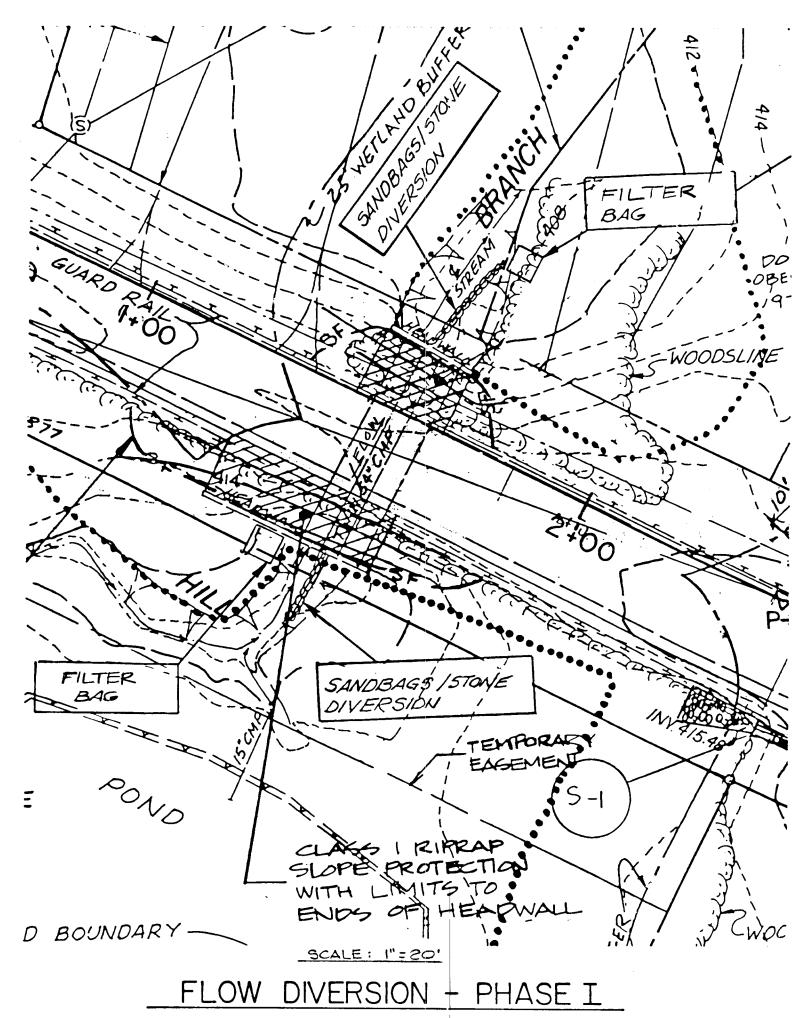
- 23. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO (2) WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES. COST SHALL BE INCLUDED IN THE UNIT PRICES BID FOR STORM DRAIN ITEMS.
- 24. ALL INVERTS SHALL BE FULLY DEVELOPED.
- 25. LENGTHS OF DISTURBANCE SHALL BE LIMITED TO A MAXIMUM OF 100 FT. AT ANY ONE TIME. AT THE END OF EACH WORKING DAY, PROVIDE STABILIZATION ACCORDING WITH PLANS.
- 26. THERE IS A POSSIBILITY THAT HIGH GROUNDWATER MAY BE ENCOUNTERED WHEN EXCAVATING FOR INSTALLATION OF THE CLOSED STORM DRAIN PSYSTEM, CONTRACTOR TO TAKE PROVISION TO WORK UNDER THOSE CONDITIONS

SCALE SHEET 1 OF 6

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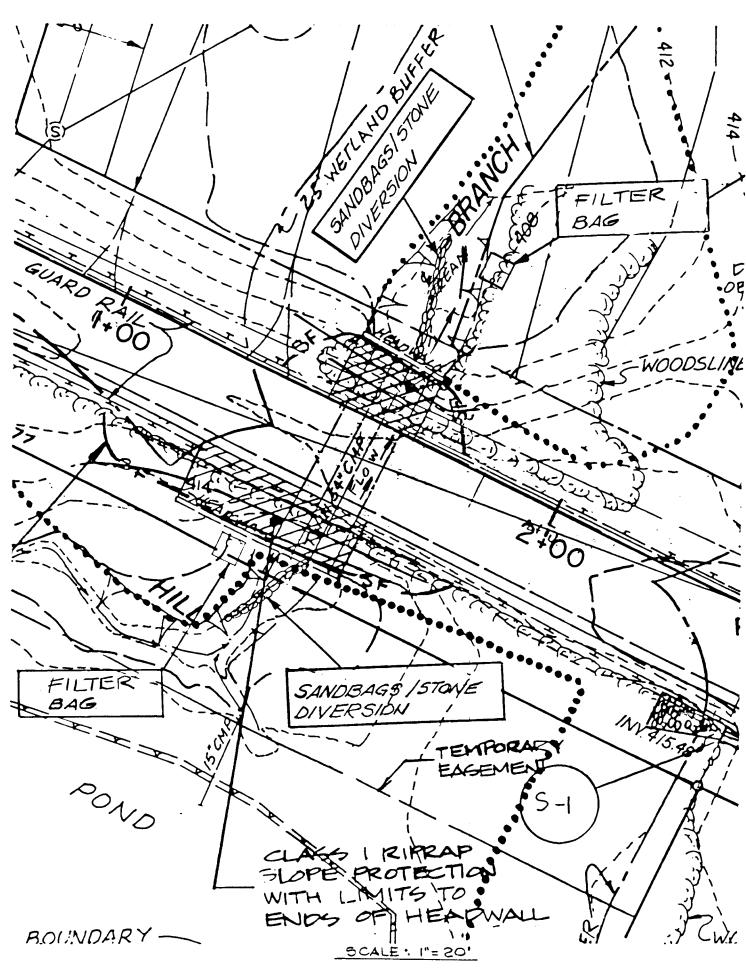






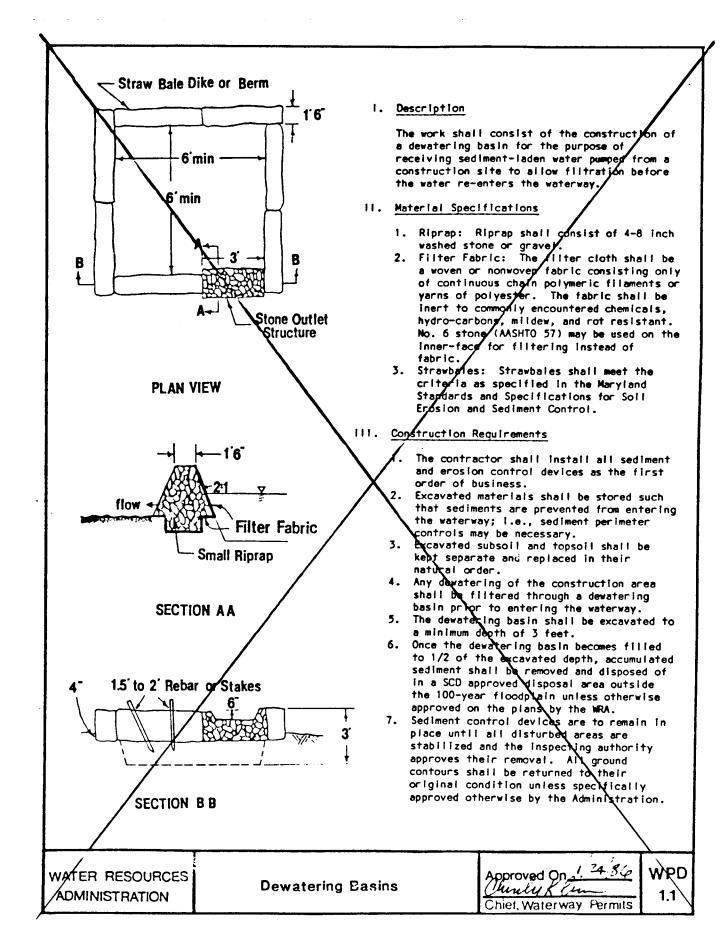
- 1.- Install Sandbags/stone diversion and dewatering basin according to blan and details on this sheet. Obtain approval from Eroston/Sectiment Control Inspector.

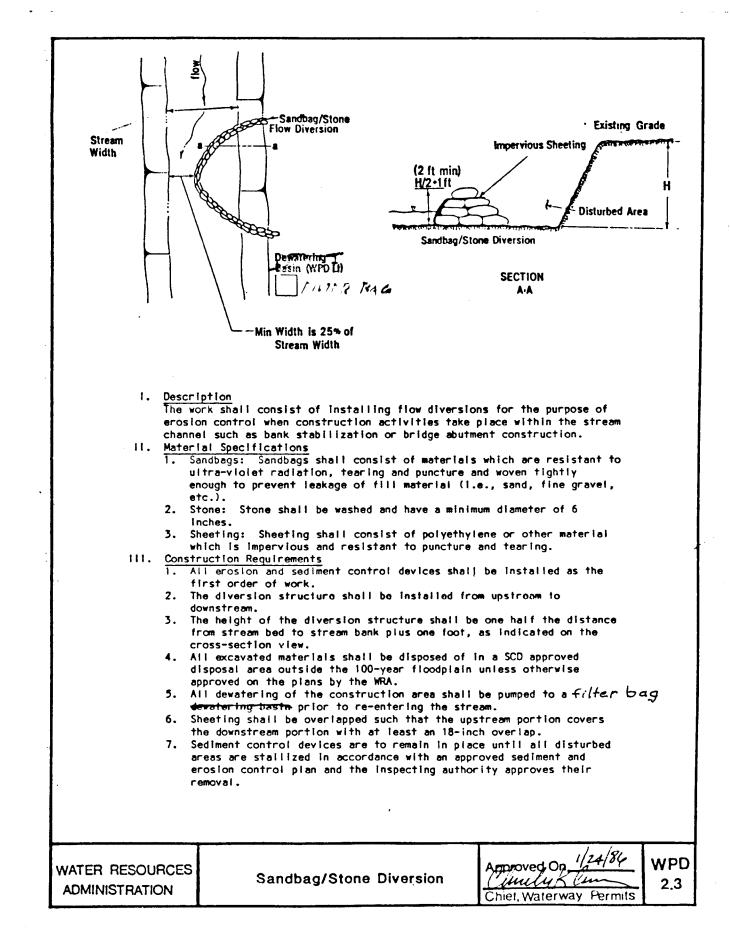
  2.- Perform all proposed work on the headwalls and side slopes at the right side of the sandbag/stone diversion, according to plan and details on sheet 20FG.

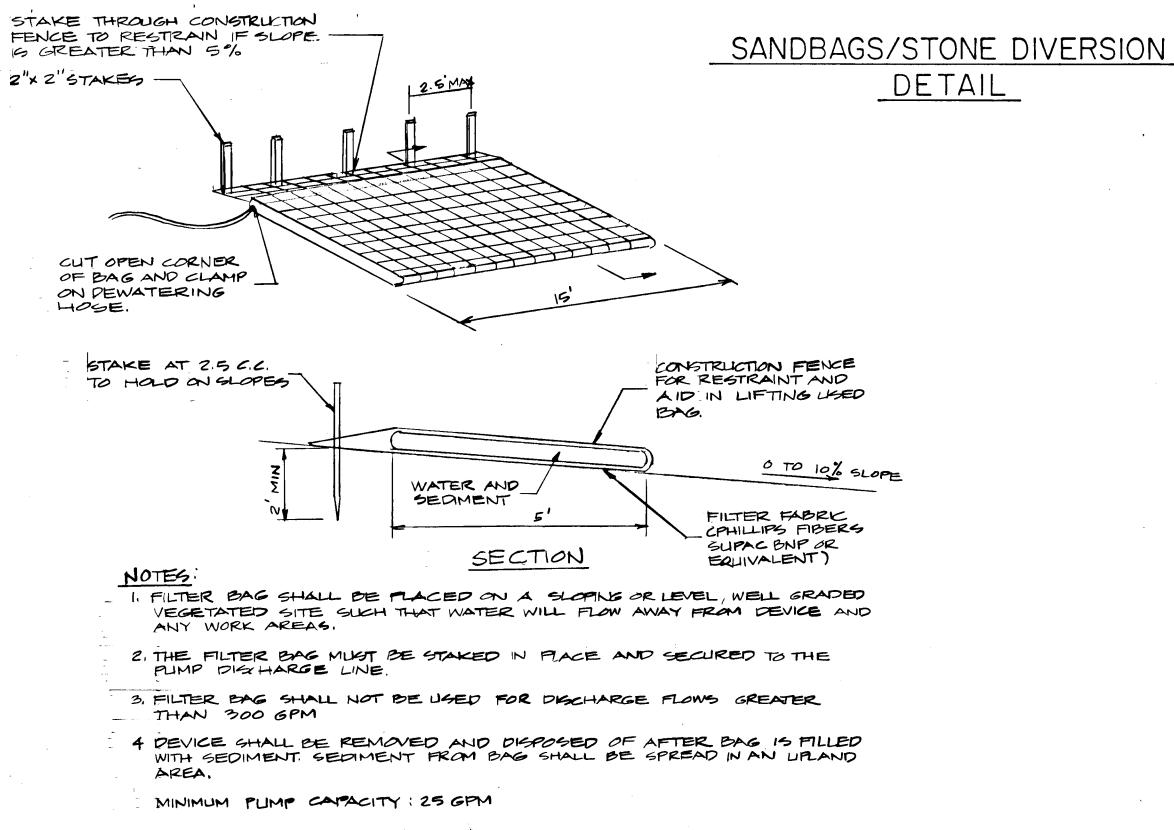


# FLOW DIVERSION - PHASE II

- 1.- Install Sandbags stone diversion and dewatering basin according to plan and details on this sheet. Obtain approval from Erosion | Seaiment Control, Inspector,
- z. Parform all proposed work on the headwalls at left side of southous/stone diversion according to plan and details on sheet 20F6
- 3.- At end of work, and with the inspector's permission, remove sandbug Istone diversion and dewatering basin, regrade to meet original ground.







FILTER BAG

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Menelogth anderson alea 9/3/7

EBA ENGINEERING, INC. 5800 METRO DRIVE BALTIMORE, MARYLAND 21215 (410) 358-7171

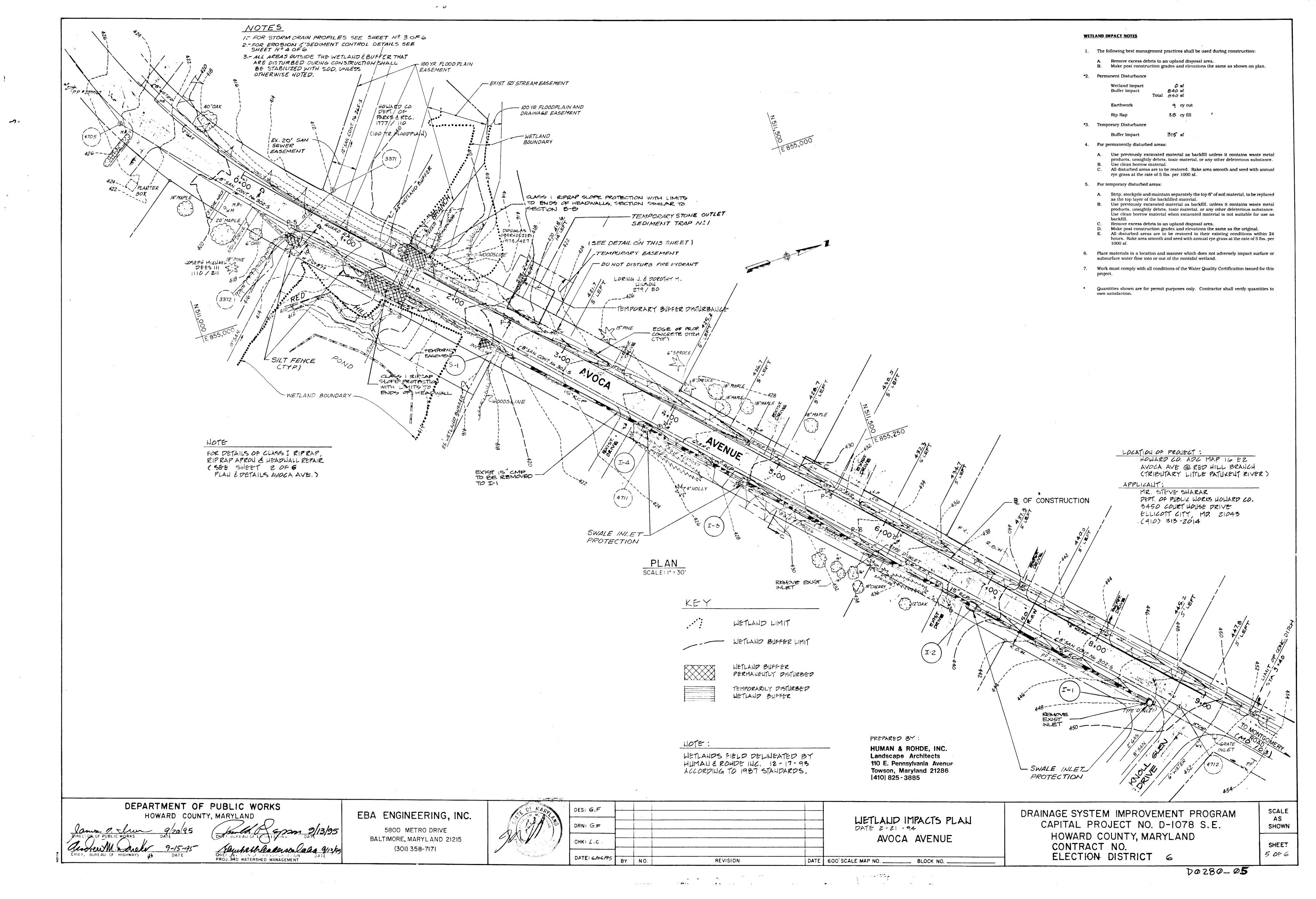
-	DES:	L.C.					
	DRN:	JDP					AVO
	снк:	L.C.					7,0
	DATE:	6/95	BY	NO.	REVISION	DATE	600' SCALE MAP NO

AVOCA AVENUE

BLOCK NO.

DRAINAGE SYSTEM IMPROVEMENT PROGRAM CAPITAL PROJECT No. D-1078 S.E. HOWARD COUNTY, MARYLAND CONTRACT No. ELECTION DISTRICT No. 6

SCALE SHEET 4 OF 6



#### GENERAL NOTES FOR SEDIMENT & EROSION CONTROL

- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1855).
- 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES. DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 4. ALL SEDIMENT CONTROL TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 7. SITE ANALYSIS: ( FOR EROSION AND SEDIMENT CONTROL ONLY, NOT FOR BIDDING )
  - TOTAL AREA OF SITE AREA DISTURBED
  - AREA TO BE ROOFED OR PAVED
  - AREA TO BE VEGETATIVELY STABILIZED 0.36
  - TOTAL CUT <u>400 </u> CU. YDS. TOTAL FILL
- CU. YDS.
  TO BE DETERMINED BY THE CONTRACTOR OFFSITE WASTE/BORROW AREA LOCATION
- Location shall have an active Grading Permit

  8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- 9. ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 10. ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- 11. TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

#### TEMPORARY SEEDING SPECIFICATIONS

- 1. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED
- 2. SEEDED BED PREPARATION THE TOP LAYER OF SOIL SHALL BE LOOSENED BY DISCING OR RAKING (SHALL BE DONE ON CONTOUR) TO A DEPTH OF AT LEAST 3" BEFORE SEEDING OCCURS, APPLY TWO (2) TON PER ACRE OF LIME AND 1000 LBS, PER ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT. THOROUGHLY MIX INTO SOIL TO A MINIMUM OF 3". APPLY 2" OF TOPSOIL.
- 3. SEEDING METHOD OF APPLICATION APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER DRILL, CULTIPACKER SEEDER OR HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).
- 4. SEEDING FOR THE PERIOD 2/1 4/30 AND 8/15 11/30 USE ITALIAN OR PERENNIAL RYEGRASS 40 LBS./ACRE OR .92 LBS./1000 SQ. FT. DURING THE PERIOD 5/1 - 8/14 USE MILLET 40 LBS./ACRE OR .92 LBS./1000 SQ. FT.
- 5. MULCHING USE CLEAN, UNWEATHERED, UNCHOPPED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE ANCHORED DOWN WITH CUTBACK ASPHALT AT THE RATE OF 5-8 GALLONS PER 1000 SQ. FT.
- 6. DISCING AND HARROWING SHALL BE DONE ON CONTOUR.

#### STANDARD STABILIZATION NOTE:

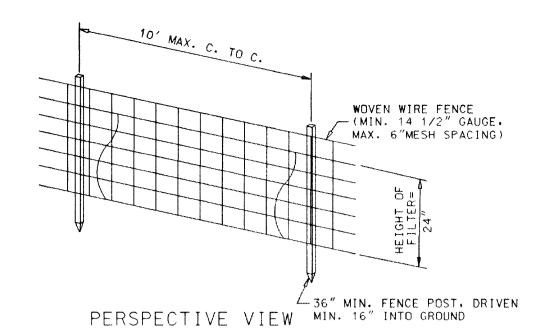
"FOLLOWING INITIAL SOIL DISTURBANCE OF REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS AS TO THE SURFACE OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND FOURTEEN DAYS (14) AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE."

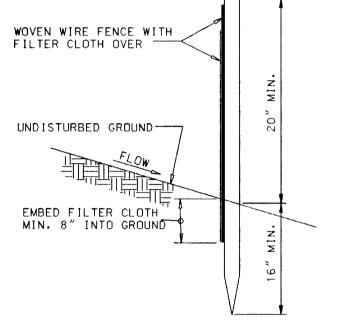
#### PERMANENT SEEDING SPECIFICATIONS

- 1. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED
- 2. SEEDED BED PREPARATION THE TOP LAYER OF SOIL SHALL BE LOOSENED BY DISCING OR RAKING (SHALL BE DONE ON CONTOUR) TO A DEPTH OF AT LEAST 3" BEFORE SEEDING OCCURS, APPLY TWO (2) TON PER ACRE OF LIME AND 1000 LBS. PER ACRE OF 10-10-10 FERTILIZER OR EQUIVALENT. THOROUGHLY MIX INTO SOIL TO A MINIMUM OF 3".
- 3. SEEDING METHOD OF APPLICATION APPLY SEED UNIFORMLY WITH A CYCLONE SEED DRILL, CULTIPACKER SEEDER OR HYDROSEEDER (SLURRY INCLUDES SEED AND FERTILIZER).
- 4. SEEDING USE 50% KENTUCKY BLUEGRASS, 40% PENNLAWN CREEPING RED FESCUE AND 10% OF RED TOP AT THE RATE OF 90 LBS. PER ACRE. PERMANENT SEEDING TO BE DONE ONLY DURING THE PERIOD OF 2/1 TO 4/30 AND 8/15 TO 10/31.
- 5. MULCHING USE CLEAN, UNWEATHERED, UNCHOPPED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE ANCHORED DOWN WITH CUTBACK ASPHALT AT THE RATE OF 5-8 GALLONS PER 1000 SQ. FT.

#### SODDING

CLASS OF TURFGRASS SOD SHALL BE MARYLAND OR VIRGINIA STATE CERTIFIED, OR MARYLAND OR VIRGINIA STATE APPROVED SOD. SOD SHALL BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD SHALL BE LAID ON SOIL PREPARED IN ACCORDANCE WITH NOTE 2 PERMANENT SEEDING. SOD IS TO BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOUR WITH STAGGERED JOINTS WITH ALL ENDS TIGHTLY ABUTTING AND NOT OVERLAPPING. SOD SHALL BE ROLLED AND THOROUGHLY WATERED WITHIN EIGHT HOURS OF INSTALLATION. DAILY WATERING TO MAINTAIN 4 INCH DEPTH OF MOISTURE FOR THE FIRST WEEK IS REQUIRED IN THE ABSENCE OF RAINFALL. SOD IS NOT TO BE APPLIED ON FROZEN GROUND.





# CONSTRUCTION NOTES FOR

FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.

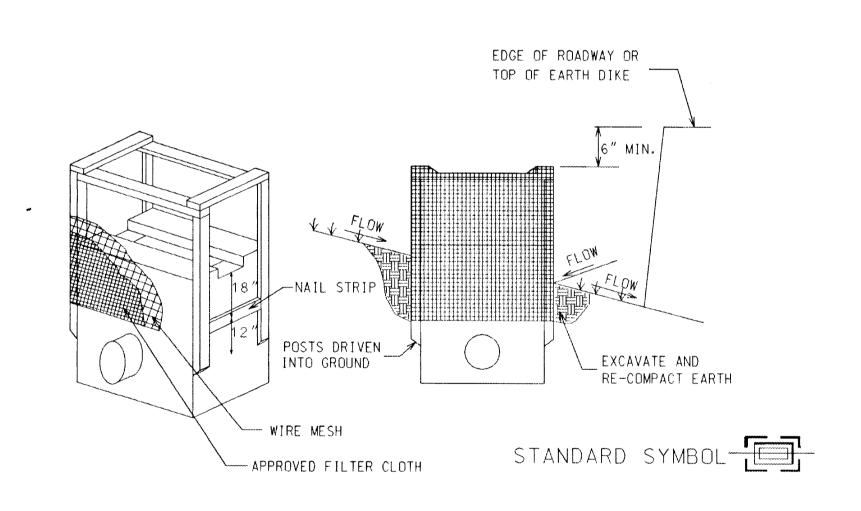
STANDARD SYMBOL

- 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND BOTTOM.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.

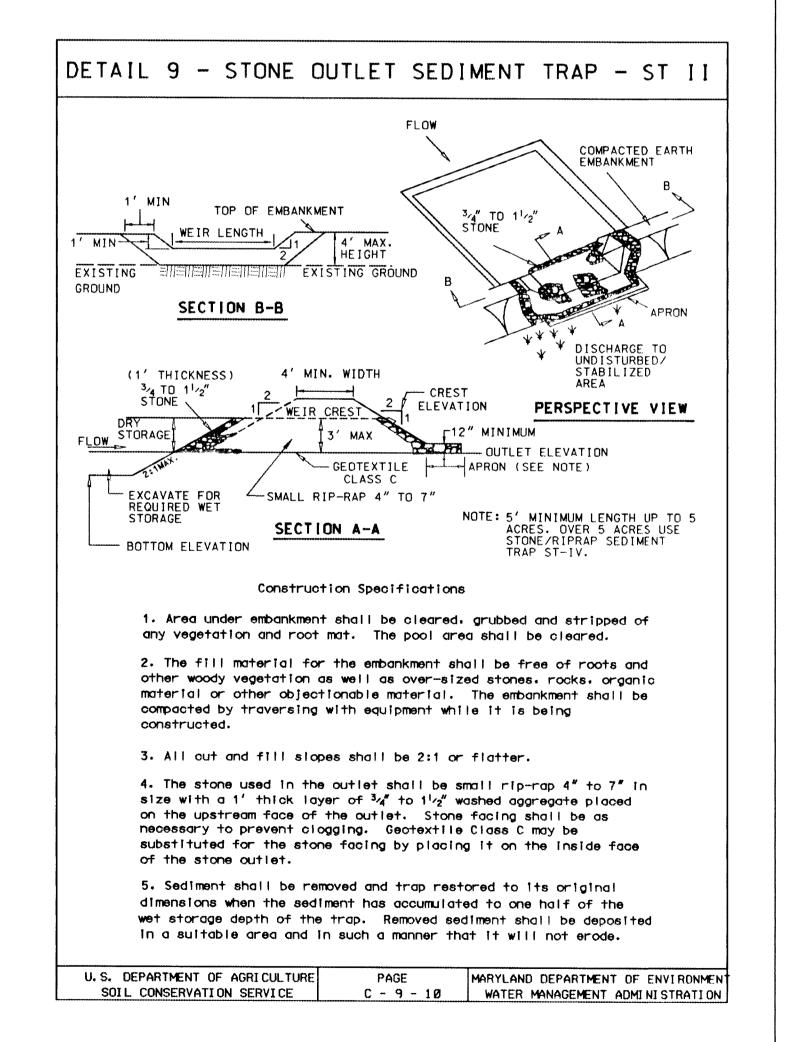
POSTS: STEEL (EITHER T OR U TYPE) OR 2" HARDWOOD FENCE: WOVEN WIRE, 14 1/2 GAUGE, 6" MAX. MESH OPENING

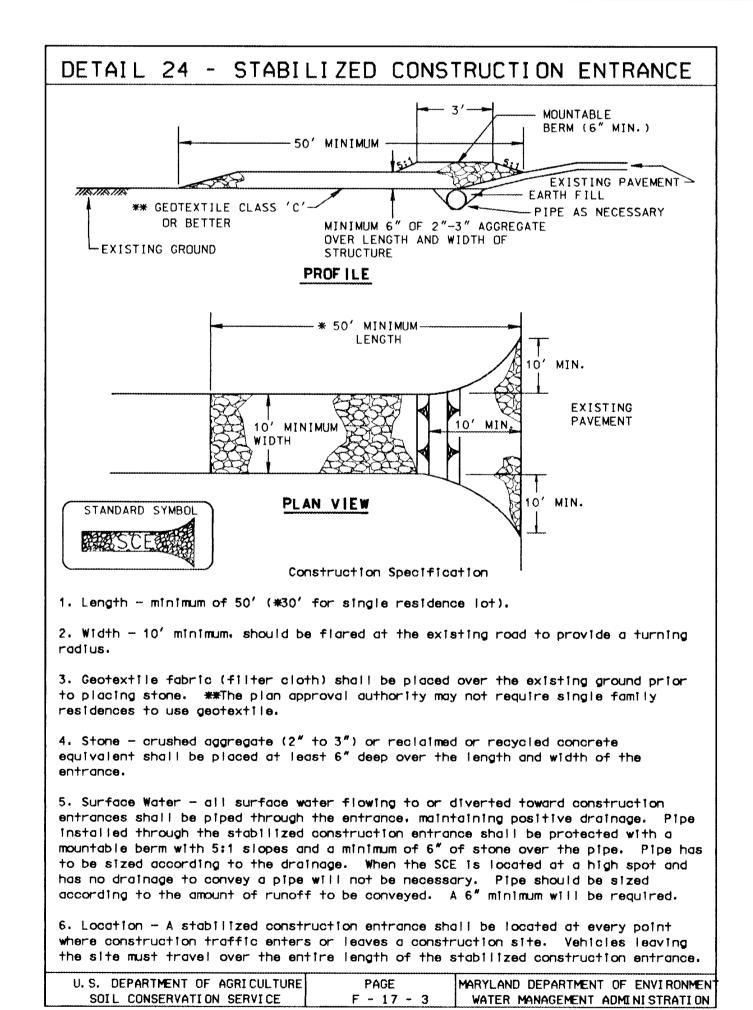
FILTER CLOTH: FILTER X, MIRAFI 100X, STABLINKA T140N OR APPROVED EQUAL PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL

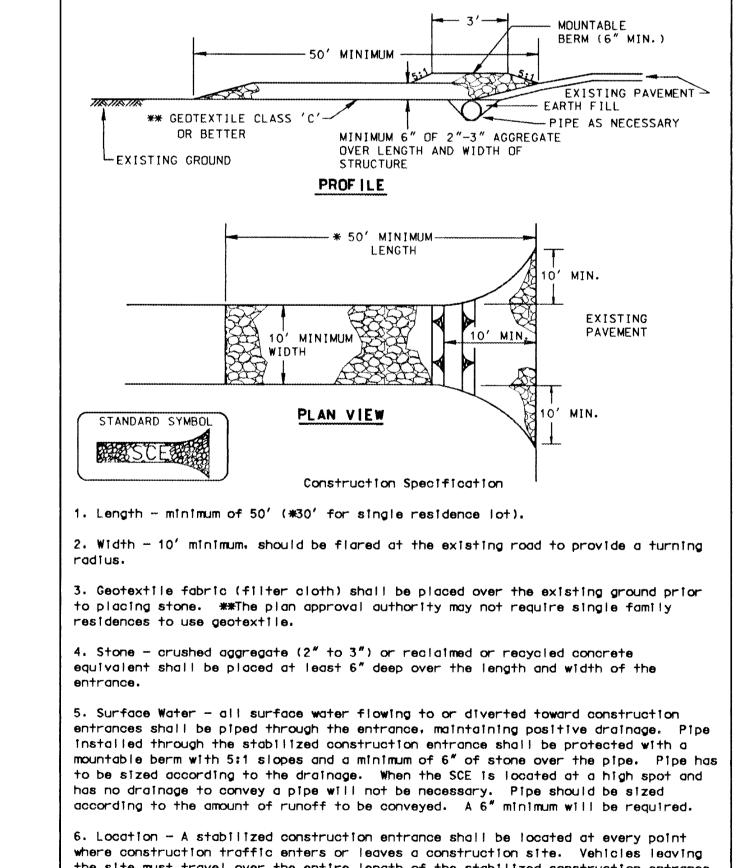
SECTION



# INLET PROTECTION







DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

Khapsh anderson Calea 9/13/25 AND WATERSHED MANAGEMENT

EBA ENGINEERING, INC. 5800 METRO DRIVE BALTIMORE, MARYLAND 21215 (410) 358-7171

DES: L.C. DRN: AQS CHK: L.C. DATE: 06/08/95 BY NO. DATE 600' SCALE MAP NO. BLOCK NO. REVISION

AVOCA AVENUE EROSION AND SEDIMENT CONTROL DETAILS

DRAINAGE SYSTEM IMPROVEMENT PROGRAM CAPITAL PROJECT NO. D-1078 S.E. HOWARD COUNTY, MARYLAND CONTRACT NO. ELECTION DISTRICT NO. 6

SCALE SHEET

<u>6 OF 6</u>