1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.

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 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

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.

6. 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 OF THE TEST PITS ARE SHOWN ON THE STORM DRAIN PROFILES. FOR MORE INFORMATION CONTACT HOWARD COUNTY OFFICE.

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, WALKWAYS AND SHRUBS DISTURBED BY THE WORK SHALL BE RECONSTRUCTED OR REPLACED IN KIND. EXISTING MANHOLES MUST BE ADJUSTED TO MEET PROP. GRADE.

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 /COMB. INLETS CENTER OF STRUCTURE TOP OF CURB TYPE "D" INLETS CENTER OF STRUCTURE TOP OF COVER MANHOLES CENTER OF STRUCTURE 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. TRENCH EXCAVATION SHALL BE LIMITED TO LENGTHS THAT CAN BE BACKFILLED AND STABILIZED IN ONE WORKING DAY.

26. THERE IS A POSSIBILITY THAT HIGH GROUNDWATER MAY BE ENCOUNTERED WHEN EXCAVATING FOR INSTALLATION OF THE CLOSED STORM DRAIN SYSTEM, CONTRACTOR TO TAKE PROVISION TO WORK UNDER THOSE CONDITIONS

DRAINAGE SYSTEM IMPROVEMENT PROGRAM TITLE SHEET

DATE 600' SCALE MAP NO. 50 BLOCK NO. -

CAPITAL PROJECT No. D-1099 SCALE HOWARD COUNTY, MARYLAND CONTRACT No. SHEET ELECTION DISTRICT No. 6 <u> 1</u> of <u>6</u>

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 SOIL CONSERVATION DISTRICT.

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.

4/2/96

OWNER/DEVEL)OFER SIGNATURE Ronald G. Lepson, Chief, Bureau of Engineering
PRINTED NAME AND TITLE

CAPITAL PROJECT No. D - 1099 PHASE I NORTH LAUREL PARK

HOWARD COUNTY, MARYLAND

SCALE: 1'' = 600'

PROPOSED

BALTIMORE AVE

CONSTRUCTION

BALTIMORE /THIRD ST

DEPARTMENT OF PUBLIC WORKS

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. (NATURAL RESOURCES CONSERVATION SERVICE

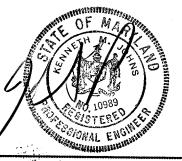
THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.

DEPARTMENT OF PUBLIC WORKS

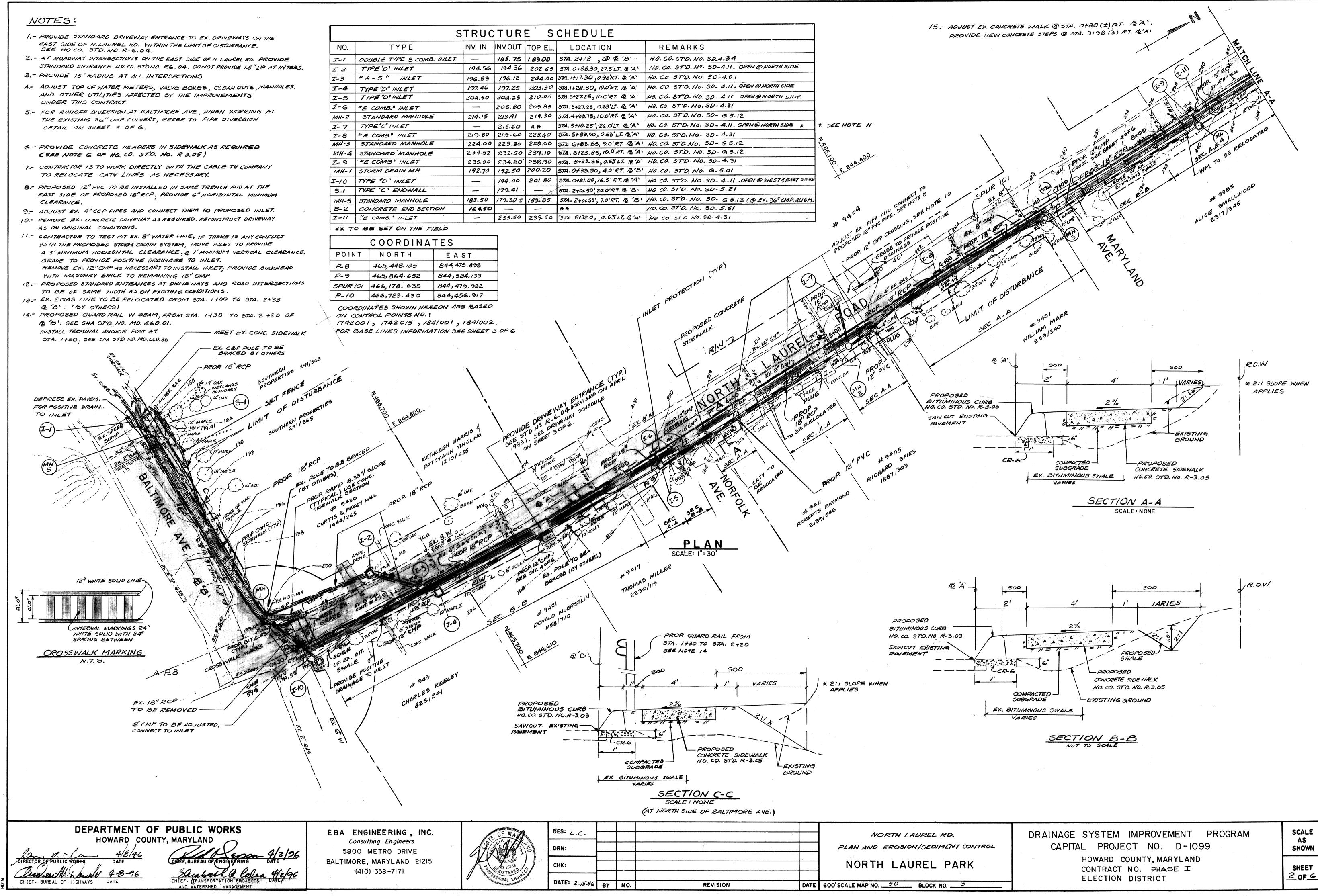
HOWARD . COUNTY, MARYLAND Sucreed M. havelor 4-8-96 CHIEF. BUREAU OF HIGHWAYS DATE

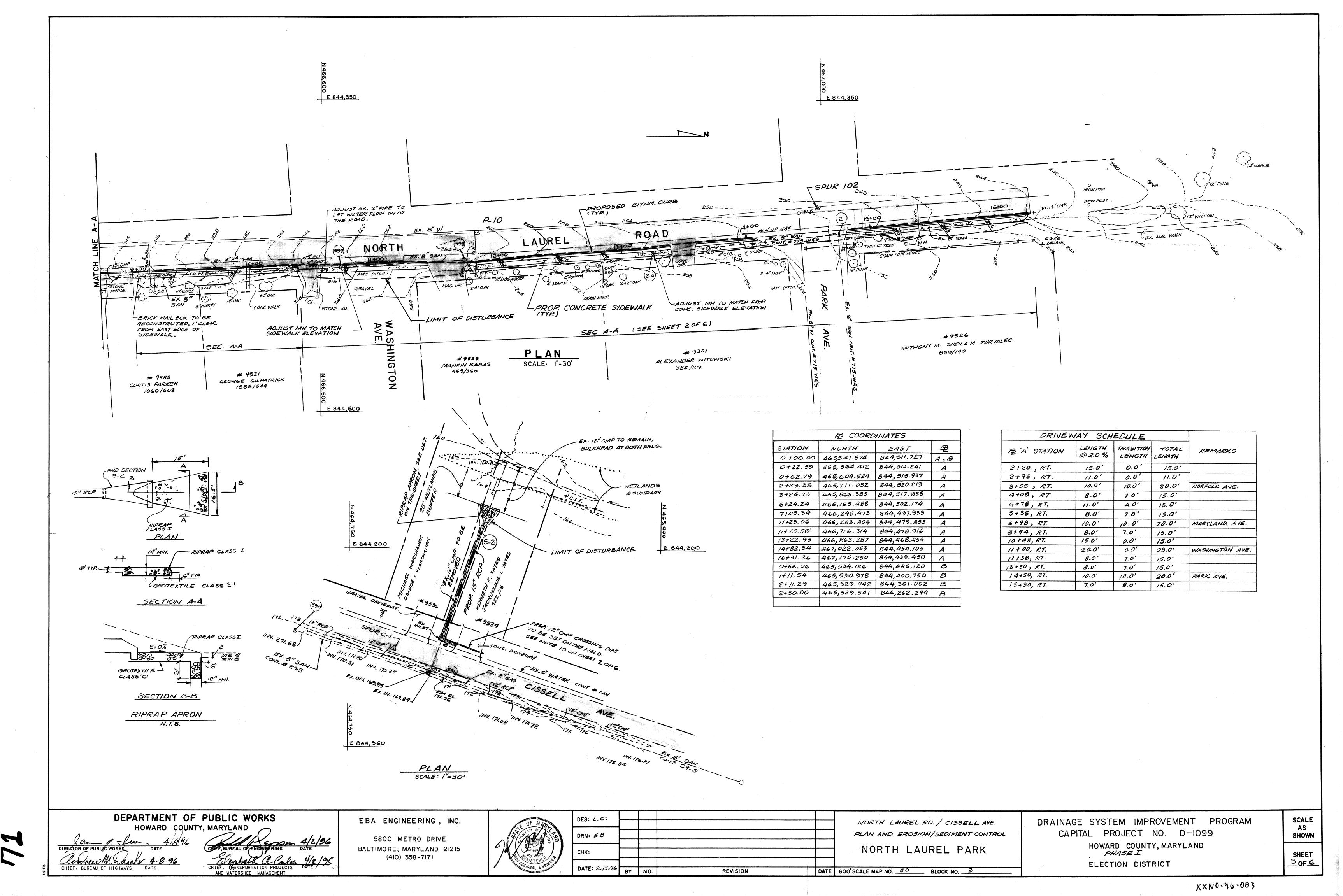
CHIEF TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT

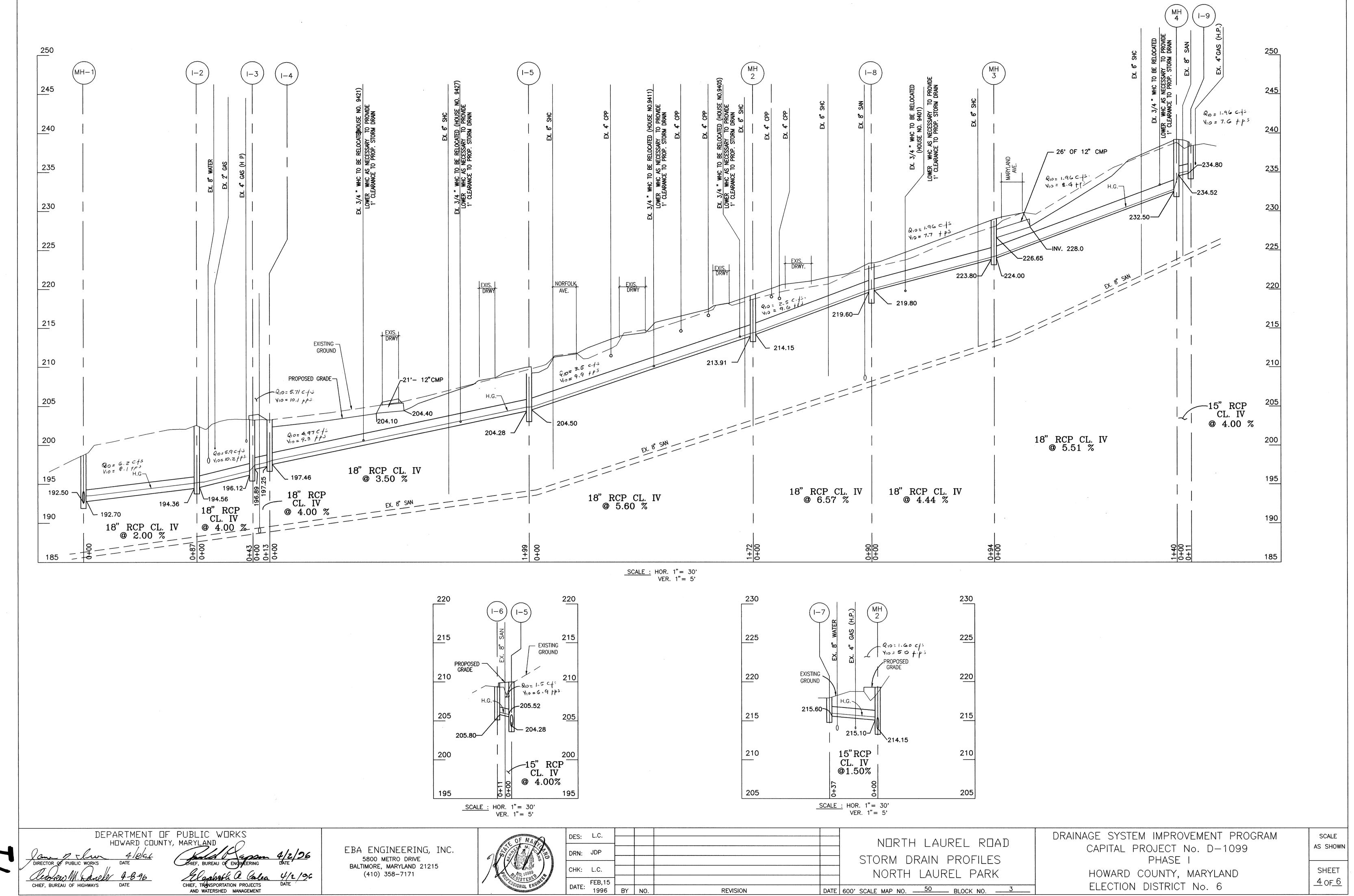
EBA ENGINEERING. INC. 5800 METRO DRIVE BALTIMORE, MARYLAND 21215 (410) 358-7171

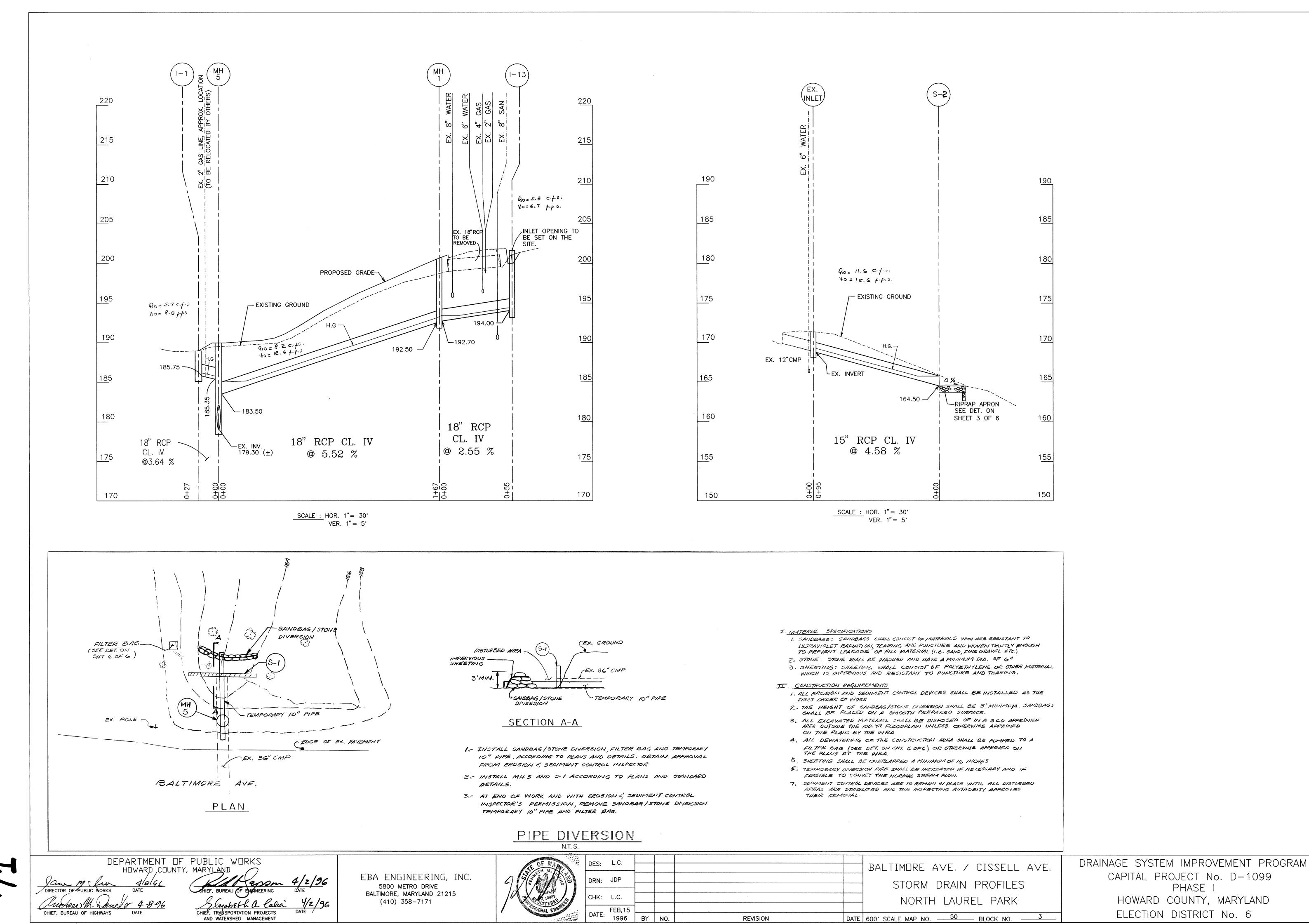


		1	t .	
	DES: L.C.			
	DRN: JDP			
	CHK: L.C.			
	DATE:			
	FEB 15,1996	BY	NO.	REVISION









SCALE

AS SHOWN

SHEET

<u>5 of 6</u>

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

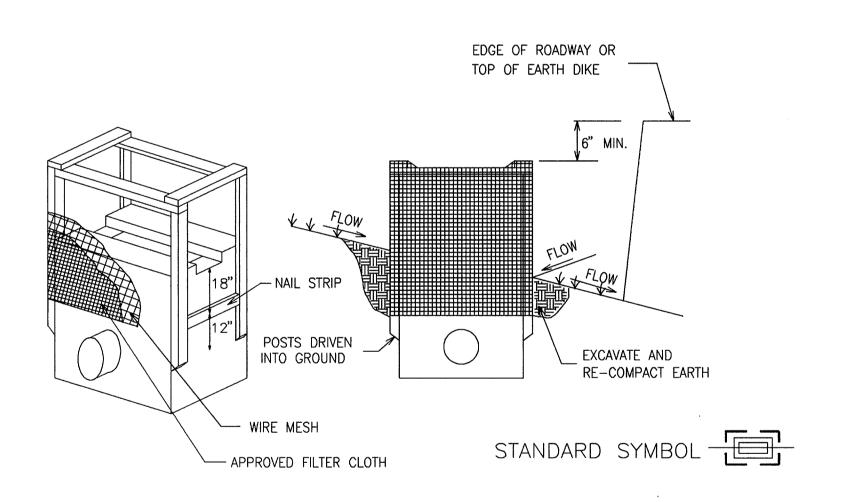
TOTAL CUT TOTAL FILL

CHIEF, BUREAU OF HIGHWAYS

250 CU. YDS.

TO BE DETERMINED BY THE CONTRACTOR, THE SITE MUST HAVE OFFSITE WASTE/BORROW AREA LOCATION: AN ACTIVE GRADING PERMIT AND MUST BE APPROVED BY THE ENGINEER.

- 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.



INLET PROTECTION

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."

STAKE THROUGH CONSTRUCTION FENCE TO RESTRAIN

IF SLOPE IS GREATER THAN 5%. ----

2"x2" STAKES-

CUT OPEN CORNER ---OF BAG AND CLAMP ON DEWATERING HOSE

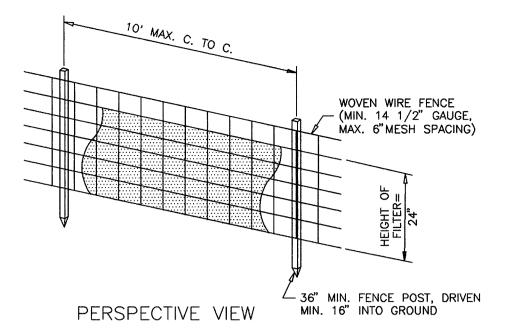
STAKES AT 2.5' C.C. — TO HOLD ON SLOPES

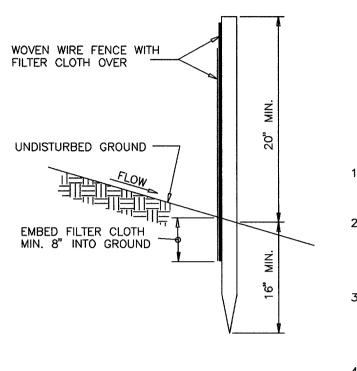
PERMANENT SEEDING SPECIFICATIONS

- 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

STANDARD SYMBOL

- 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 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 X, MIRAFI 100X, STABLINKA T140N OR APPROVED EQUAL

GEOFAB, ENVIROFENCE, OR PREFABRICATED UNIT:

APPROVED EQUAL

SILT FENCE

SECTION

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT FROM HOWARD COUNTY DEPARTMENT OF LICENSES AND PERMITS. (3 DAYS) 2. INSTALL STORM DRAIN FROM MH-5 TO I-1; PROVIDE INLET PROTECTION. (3 DAYS) SEE PIPE DIVERSION ON SHT 50FF
- 3. INSTALL EROSION AND SEDIMENT CONTROS DEVICES AS SHOWN ON PLAN. ISTALL STRUCTURE S-1. (4 DAYS) SEE PIPE DIVERSION ON SHT. 50F6
- 4. INSTALL STORM DRAIN SYSTEM FROM MH-5TO I-10; PROVIDE INLET PROTECTION. (3 DAYS) 5. PERFORM PROPOSED WORK AT BALTIMORE AVE. PROVIDE STABILIZATION TO DISTURBED AREAS. (6 DAYS)
- INSTALL STORM DRAIN SYSTEM FROM MH-1 TO I-11; PROVIDE INLET PROTECTION TO ALL INLETS. (20 DAYS)
- 7. PERFORM ALL PROPOSED WORK ALONG NORTH LAUREL RD. PROVIDE STABILIZATION TO DISTURBED AREAS. (20 DAYS) 8. INSTALL STORM DRAIN SYSTEM FROM EX. INLET TO S-2 AT CISSELL AVE. PROVIDE STABILIZATION
- TO ALL DISTURBED AREAS. (3 DAYS) 9. WITH APPROVAL OF THE EROSION SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES. (1 DAY)

- 1. FILTER BAG SHALL BE PLACED ON A SLOPING OR LEVEL, WELL GRADED VEGETATED SITE, SUCH THAT WATER WILL FLOW AWAY FROM DEVICE AND FROM ANY WORK AREAS.
- 2. THE FILTER BAG MUST BE STAKED IN PLACE AND SECURED TO THE PUMP DISCHARGE LINE.
- 3. FILTER BAG SHALL NOT BE USED FOR DISCHARGE FLOWS GREATER THAN 300 GPM.
- 4. DEVICE SHALL BE REMOVED AND DISPOSED OF AFTER BAG IS FILLED WITH SEDIMENT. SEDIMENT FROM BAG SHALL BE SPREAD IN A UPLAND AREA. MINIMUM PUMP CAPACITY: 25 GPM.

<u>filter</u> bag

WATER AND -

SECTION A-A

SEDIMENT

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLANI EBA ENGINEERING, INC. 5800 METRO DRIVE BALTIMORE, MARYLAND 21215 (410) 358-7171

DES: L.C. DRN: AQS CHK: L.C. 02/15/96 BY DATE 600' SCALE MAP NO. 50 BLOCK NO. **REVISION**

CONSTRUCTION FENCE FOR RESTRAINT AND AID IN

0 TO 10% SLOPE

(PHILLIPS FIBERS SUPAC BNP OR

- FILTER FABRIC

EQUIVALENT)

LIFTING USED BAG.

EROSION AND SEDIMENT CONTROL DETAILS NORTH LAUREL PARK

DRAINAGE SYSTEM IMPROVEMENT PROGRAM CAPITAL PROJECT NO. D-1099PHASE I HOWARD COUNTY, MARYLAND ELECTION DISTRICT NO. 6

SCALE SHEET <u>6 OF 6</u>