

EXISTING HEADWALL SHALL BE REMOVED

CONCRETE SLOPE PROTECTION

CLASS 2 RIP RAP SHALL BE PLACED ON STILLING BASIN BOTTOM

CLASS 1 RIP RAP SHALL BE PLACED ON STILLING BASIN BANKS

NOTES:

PROPOSED 54" φ CMP EXTENSION SHALL BE 14 ga.

DOWNSTREAM EXTENSION SHALL BE CONSTRUCTED WHEN TRAFFIC HAS BEEN SHIFTED TO THE WESTERN PORTION OF CENTENNIAL LANE.

LIMITS OF RIPRAP SHOWN ARE APPROXIMATE AND SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

PROPOSED 2:1 ROADWAY FILL SLOPE SHALL TIE INTO EXISTING SLOPES AS DIRECTED BY THE ENGINEER.

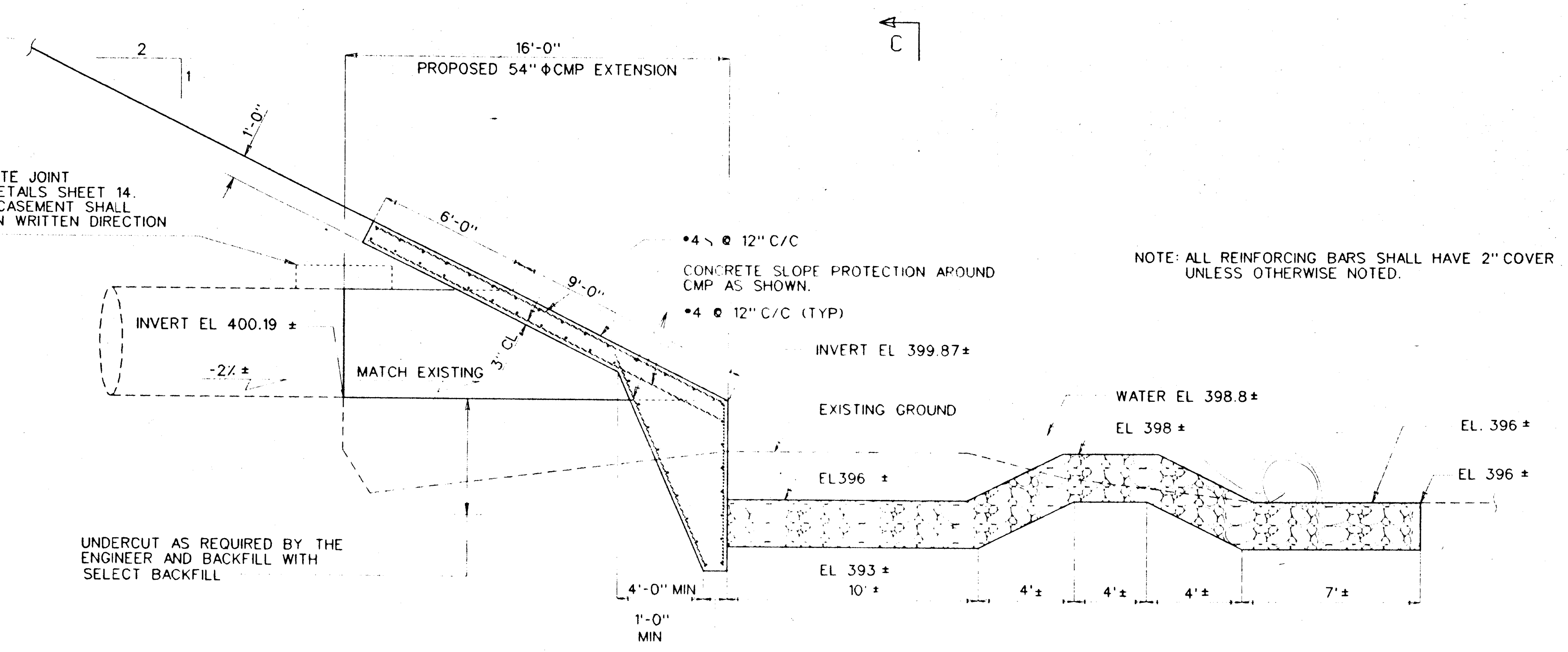
FOR SECTIONS A-A AND B-B SEE SHEET 14B.

FOR STREAM DIVERSION SEE SHEET 14C.

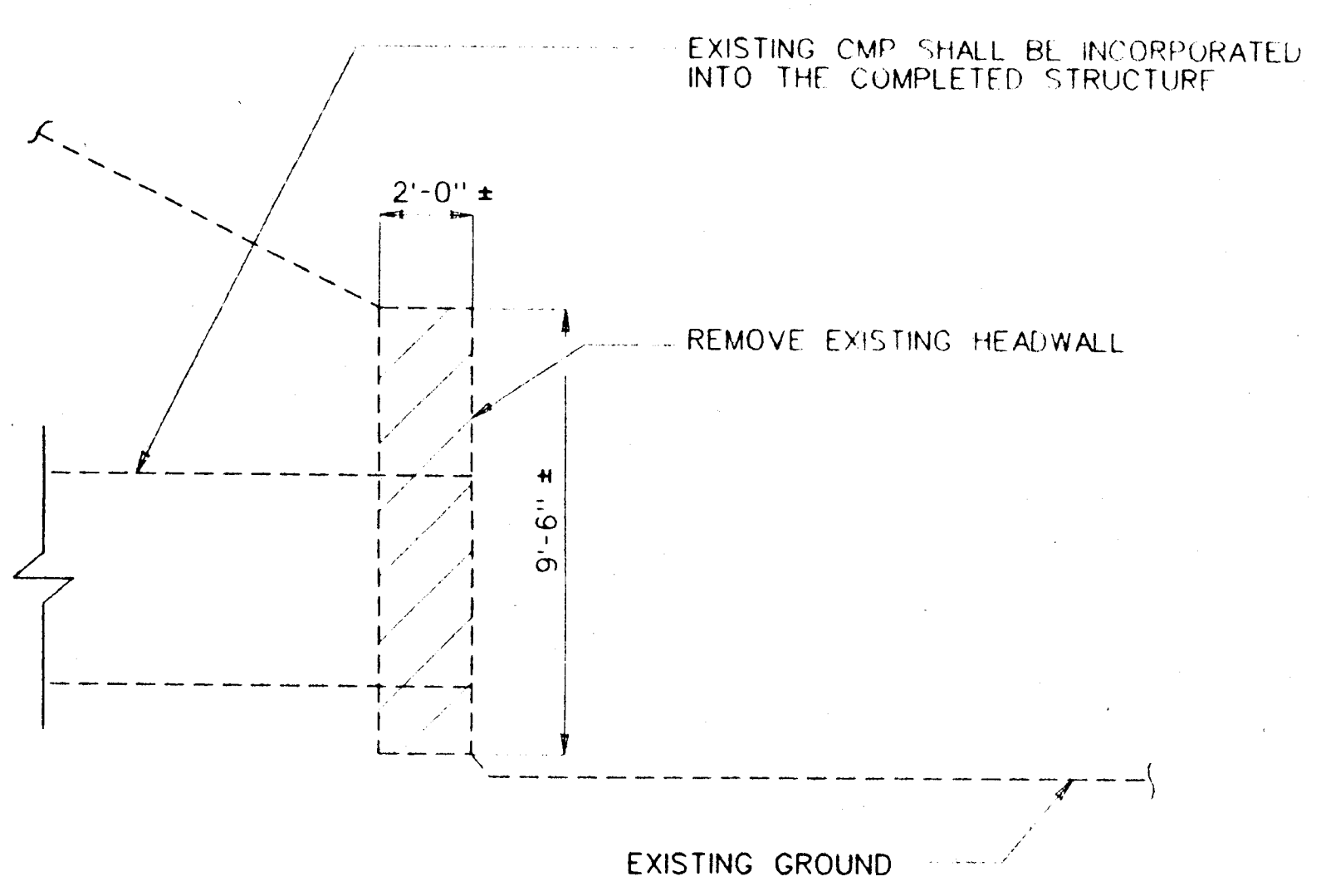
PLAN VIEW
SCALE: 1" = 10'

<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p><i>James A. ...</i> 8/13/93 DIRECTOR OF PUBLIC WORKS</p> <p><i>Robert ...</i> 8/11/93 CHIEF OF TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT DIVISION</p>	<p>PREPARED BY: TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT DIVISION D.P.W. / BUREAU OF ENGINEERING HOWARD COUNTY, MARYLAND.</p>		<p>DATE: 7/28/93 BY: WFM CHECKED: WFM TWO: TW DATE: 7/28/93</p>	<p>NEW SHEET ADDED 7/93 54" DIA CMP AT STA 112+ DOWNSTREAM EXTENSION GENERAL PLAN</p>	<p>CENTENNIAL LANE OLD ANNAPOLIS ROAD TO STA 136+00 CAPITAL PROJECT J-4015-111 ELECTION DISTRICT NO 2 HOWARD COUNTY, MARYLAND</p>	<p>SCALE AS SHOWN SHEET 14 OF 27</p>
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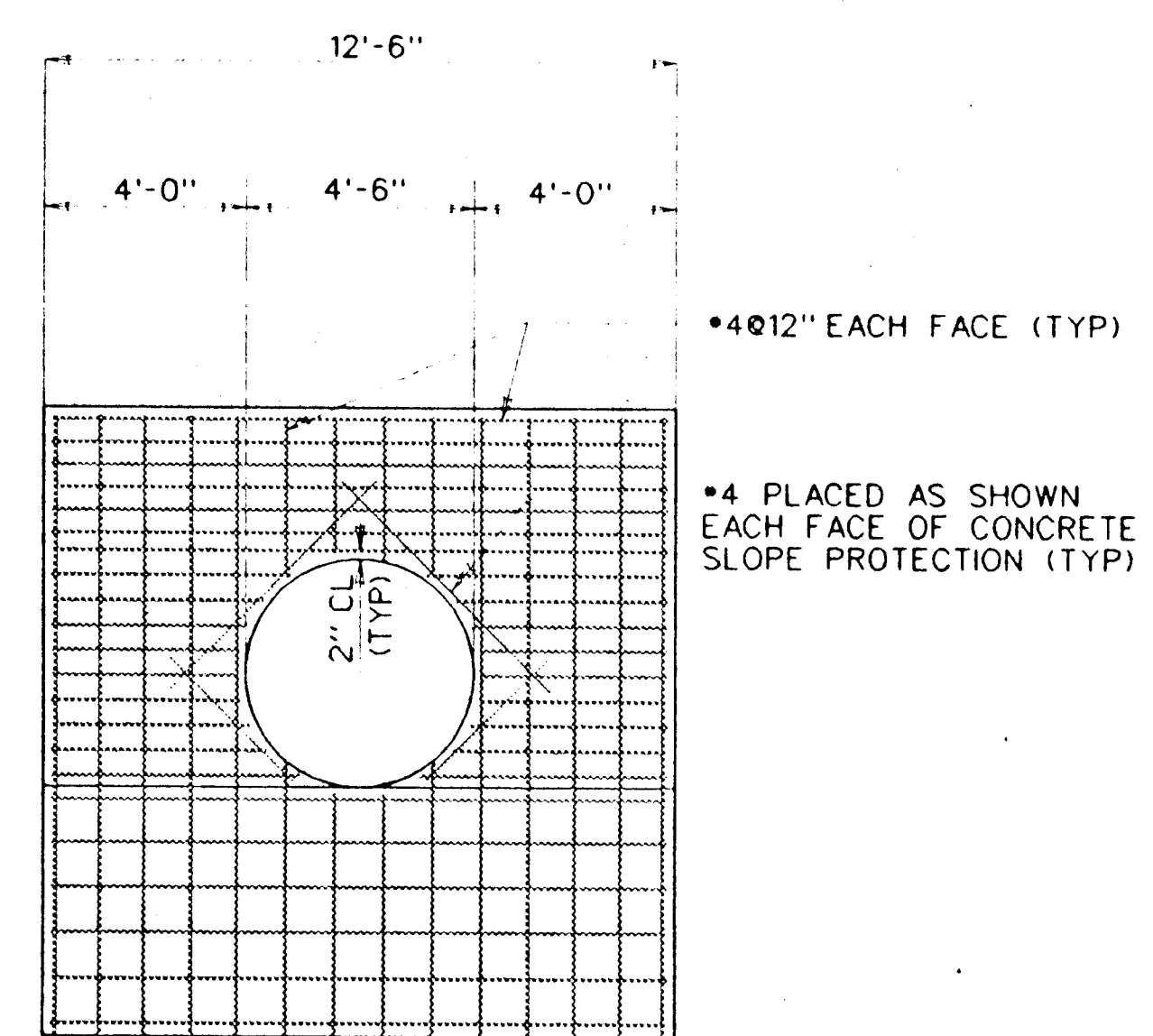
CONTINGENT CONCRETE JOINT ENCASEMENT. SEE DETAILS SHEET 14. CONCRETE JOINT ENCASEMENT SHALL BE USED ONLY UPON WRITTEN DIRECTION OF THE ENGINEER.



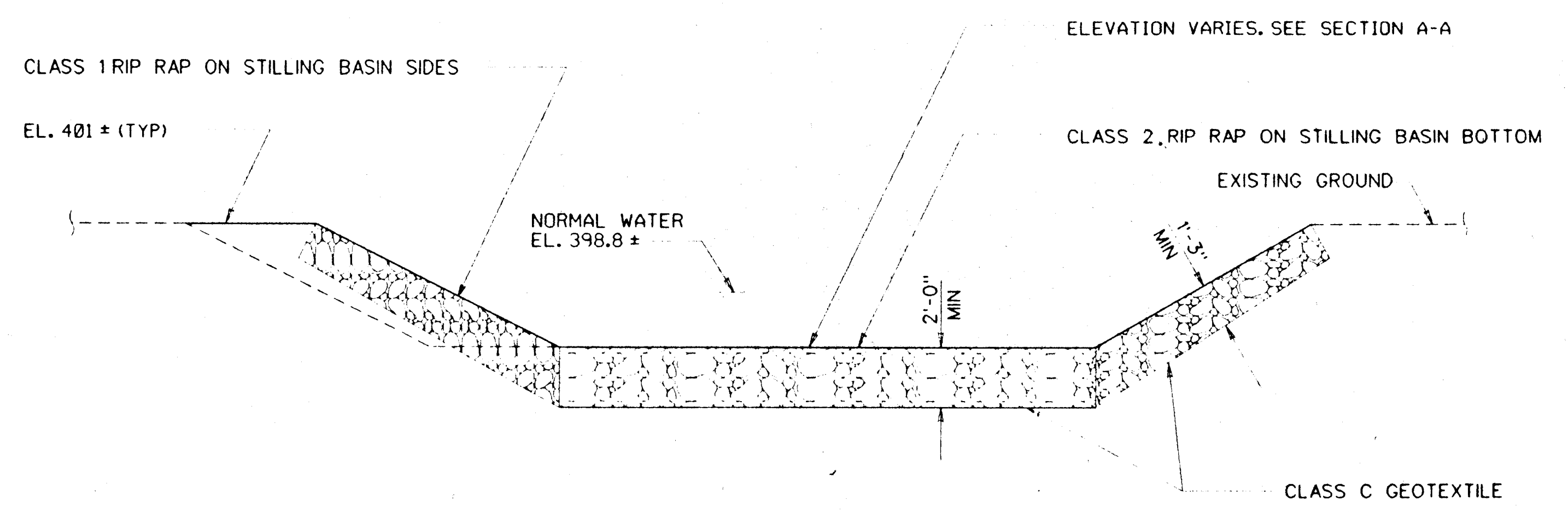
SECTION A-A
SCALE: NTS



REMOVAL
SCALE: NTS



SECTION C-C
SCALE: NTS



SECTION B-B
SCALE: NTS

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

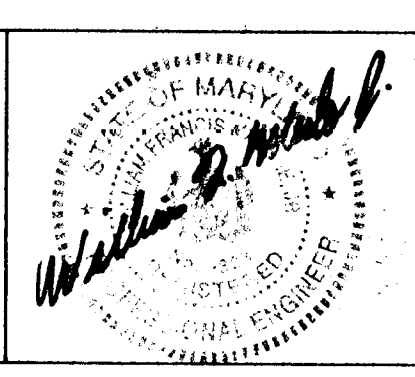
Laura A. Lee 8/13/93
DIRECTOR OF PUBLIC WORKS

Elizabeth Anderson-Cole 8/11/93
CHIEF, TRANSPORTATION PROJECTS AND STORMWATER MANAGEMENT

Paul J. Sisson 8/11/93
CHIEF, BUREAU OF ENGINEERING

Andrew M. Conner 8-12-93
CHIEF, BUREAU OF HIGHWAYS

PREPARED BY:
TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT DIVISION
D.P.W. / BUREAU OF ENGINEERING
HOWARD COUNTY, MARYLAND.

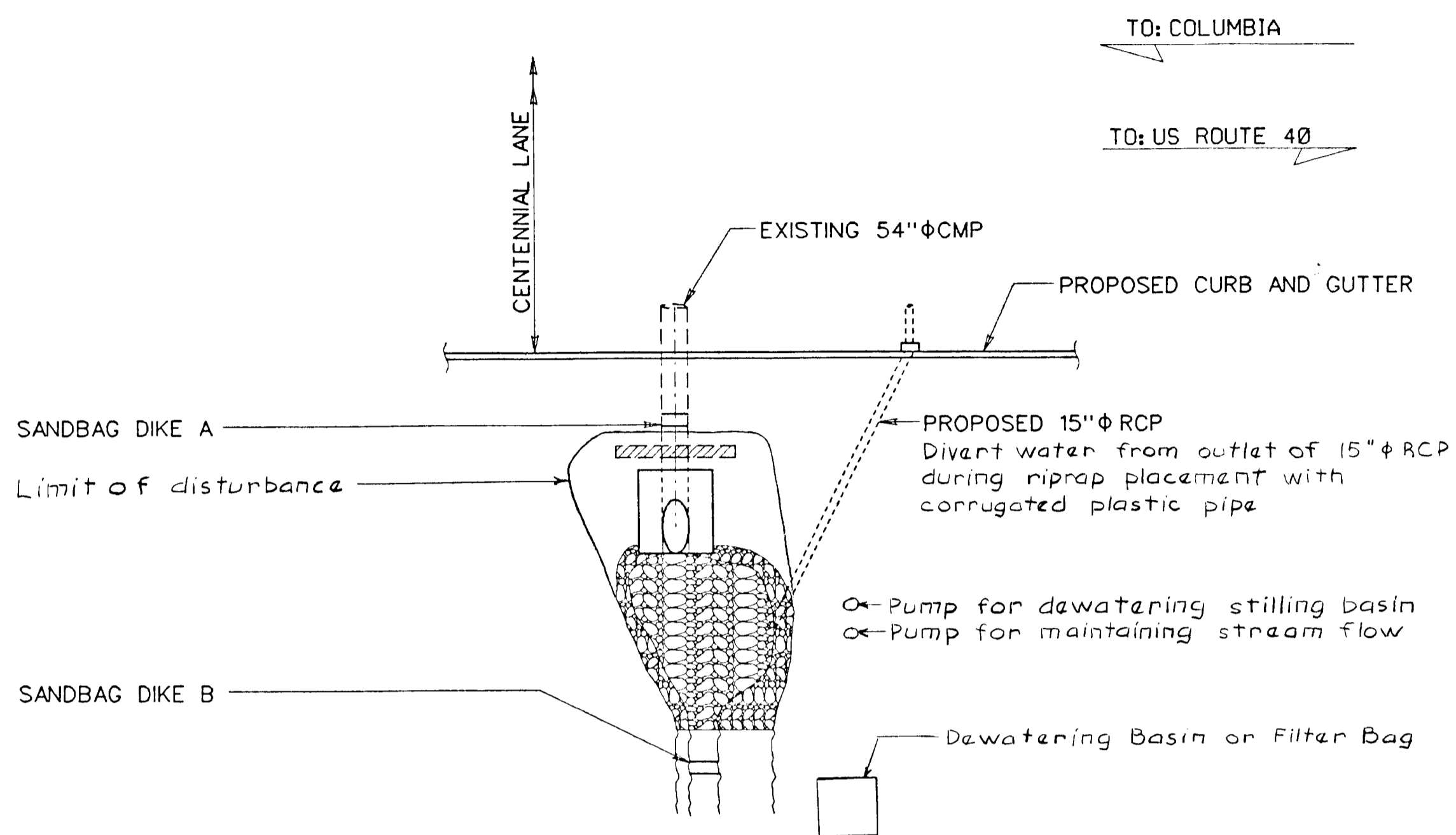
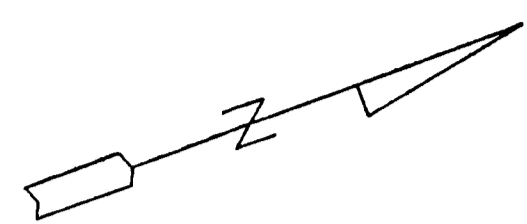


DESIGNED BY: WFM	WFM 2	NEW SHEET ADDED	7/93
DRAWN BY: WFM			
CHECKED BY: TW			
DATE: 7/28/93	BY NO.	REVISION	DATE

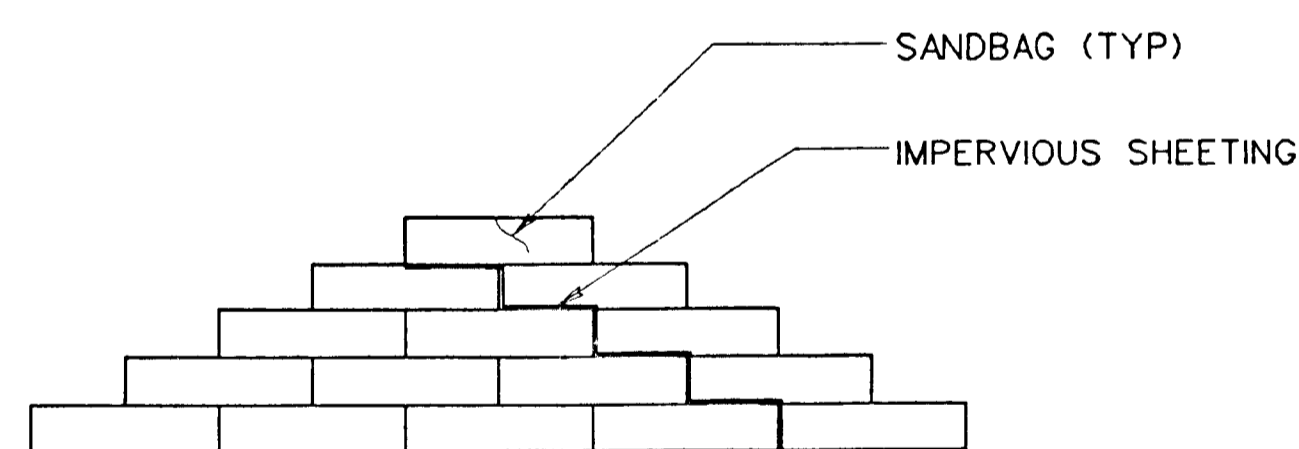
54" DIA CMP AT STA 112±
DOWNSTREAM EXTENSION
SECTIONS

CENTENNIAL LANE
OLD ANNAPOLIS ROAD TO STA 136+00
CAPITAL PROJECT J-4015-III
ELECTION DISTRICT NO 2
HOWARD COUNTY, MARYLAND

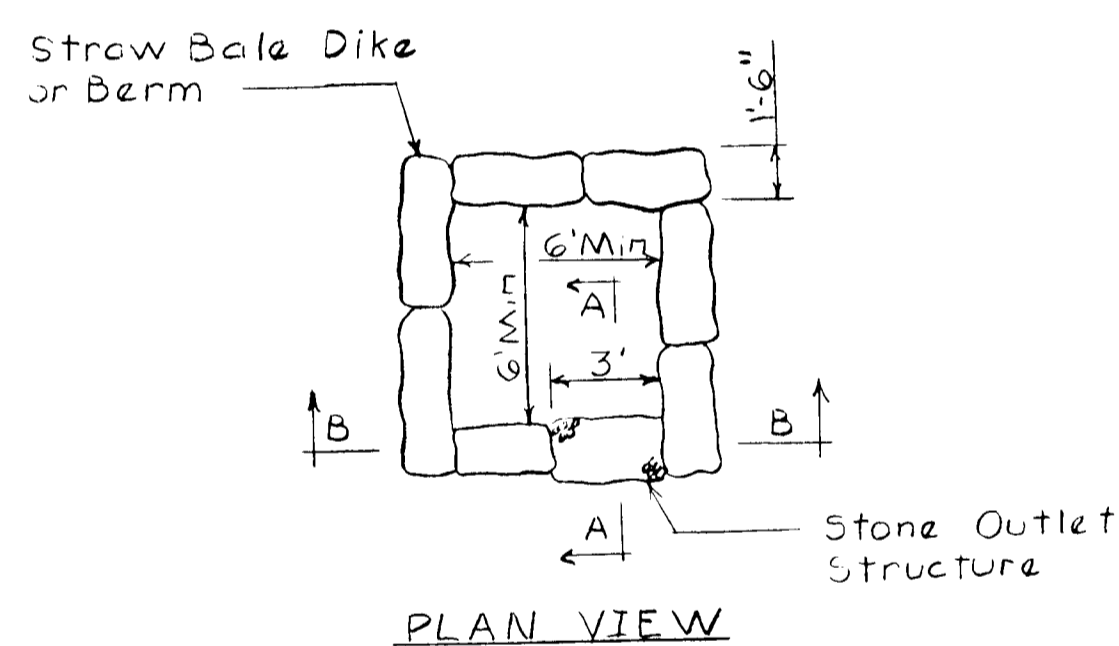
SCALE AS SHOWN
SHEET 14 OF 27



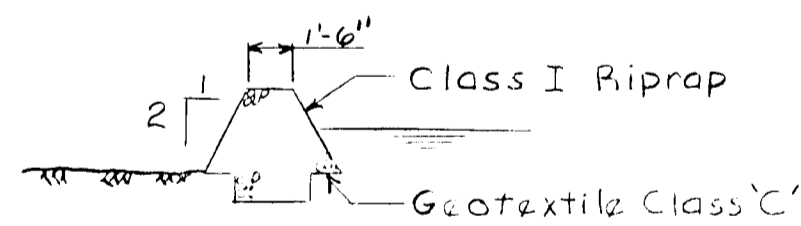
PLAN VIEW
SCALE: 1" = 10'



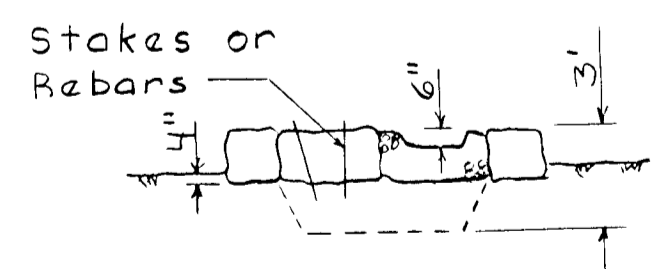
TYPICAL SANDBAG DIKE
SCALE: NTS



PLAN VIEW



SECTION A-A



SECTION B-B

DEWATERING BASIN DETAILS
Scale: None

SEQUENCE OF STREAM DIVERSION:

ACTIVITY	DURATION
CONSTRUCT SANDBAG DIKE A.	1 Day
*PUMP WATER FROM UPSTREAM OF SANDBAG DIKE A TO DOWNSTREAM OF PROPOSED SANDBAG DIKE B.	NA
CONSTRUCT SANDBAG DIKE B.	1 Day
**PUMP WATER FROM STILLING BASIN TO DOWNSTREAM OF SANDBAG DIKE B: Dewatering Basin	NA
CONSTRUCT CMP EXTENSION AND RCP.	15 Days
CONSTRUCT RIP RAP STILLING BASIN.	6 Days
REMOVE SANDBAG DIKE B.	1 Day
REMOVE SANDBAG DIKE A AND CEASE PUMPING.	1 Day

* Pump shall be capable of 5 gal/min minimum
** Pump shall be capable of 10 gal/min minimum

NOTES:

- There shall be a 5 day clear weather forecast prior to starting this work.
- The Engineer shall notify the Sediment Control Inspector prior to allowing the Contractor to begin this work.
- The Contractor shall not remove the sandbag dikes until permission is received from the Sediment Control Inspector.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND.		PREPARED BY: TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT DIVISION D.P.W. / BUREAU OF ENGINEERING HOWARD COUNTY, MARYLAND.		DES: WFM DRN: WFM CHK: TW DATE: 7/28/93		WFM 2 WFM 3 NEW SHEET ADDED Sediment/Erosion Notes Added 7/93 9/93		54" DIA CMP AT STA 112 ± DOWNSTREAM EXTENSION STREAM DIVERSION		CENTENNIAL LANE OLD ANNAPOLIS ROAD TO STA 136+00 CAPITAL PROJECT J-4015-111 ELECTION DISTRICT NO 2 HOWARD COUNTY, MARYLAND		SCALE AS SHOWN
DIRECTOR OF PUBLIC WORKS _____ DATE _____ CHIEF, TRANSPORTATION PROJECTS AND WATERSHED MANAGEMENT DIVISION	CHIEF, BUREAU OF ENGINEERING _____ DATE _____ CHIEF, BUREAU OF HIGHWAYS _____ DATE _____											SHEET 14 OF 27