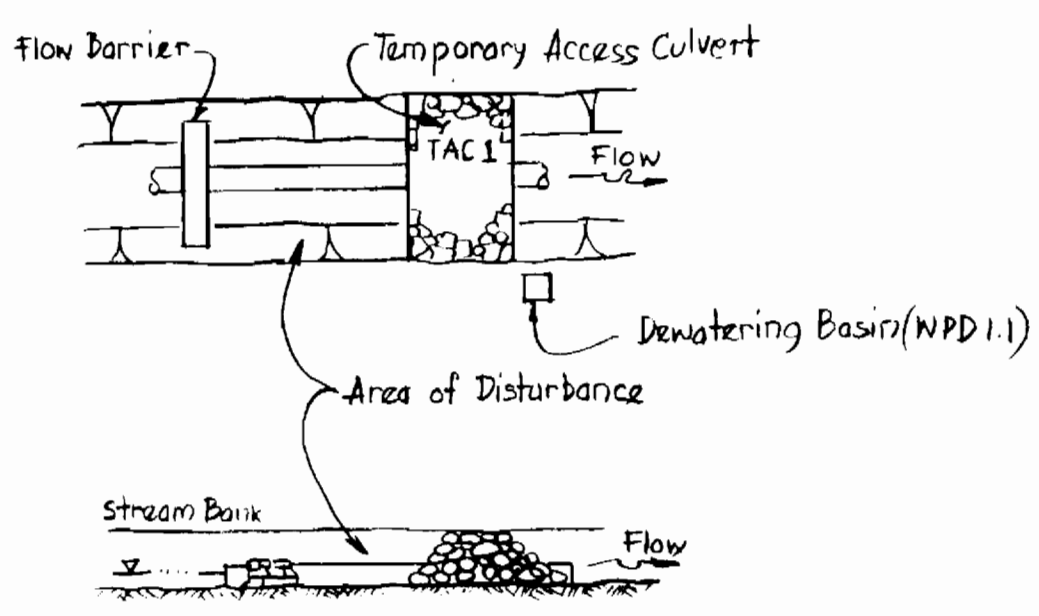


BENCH MARKS

WR #A B.M. #2 Elev 382.61
 Boat Spike in Gas and Electric Pole # 390112, S.W. of Intersection of Columbia Road and Old Annapolis.

WR #A B.M. #23 Elev 337.19
 R.R. Spike in Base of 12" Triple Aspen, 90' Left of E Rd Sta. 23+00 Dorsey Hall Drive.



- CONSTRUCTION REQUIREMENTS**
1. ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS THE FIRST ORDER OF BUSINESS.
 2. PIPES MUST BE SIZED TO ACCOMMODATE NORMAL STREAM FLOW.
 3. THE FLOW BARRIER SHALL BE CONSTRUCTED OF SANDBAGS, WASHED RIPRAP, OR OTHER APPROVED MATERIAL AS PER WPD2.3. THE MATERIALS SHALL BE SIZED TO WITHSTAND NORMAL STREAM FLOW VELOCITIES.
 4. ALL DEWATERING OF THE CONSTRUCTION AREA SHALL BE PUMPED TO A DEWATERING BASIN (WPD1.1) PRIOR TO RE-ENTERING THE STREAM.
 5. THE TEMPORARY CULVERT CROSSING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL (TAC-1), 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SEDIMENT AND EROSION CONTROL.
 6. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED IN ACCORDANCE WITH AN APPROVED SEDIMENT AND EROSION CONTROL PLAN AND THE INSPECTING AUTHORITY APPROVES THEIR REMOVAL.
- PIPE CULVERT WITH ACCESS ROAD**

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 8-7-86
 DIRECTOR OF PUBLIC WORKS - DATE

[Signature] 8-9-86
 CHIEF - BUREAU OF UTILITIES - DATE

WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS

2315 ST PAUL ST
 BALTIMORE, MARYLAND

[Signature] 8-5-86
 CHIEF - BUREAU OF ENGINEERING - DATE

[Signature] 8-11-86
 CHIEF - LAND DEVELOPMENT DIVISION - DATE

DES. S.J.					
DRN. DMD					
CHK. R.B.N.					
DATE	BY	NO.	REVISION	DATE	

PLAN & PROFILE OF
 WATER & SEWER MAINS

600' SCALE MAP NO. _____ BLOCK NO. _____

DORSEY HALL
 SECTION 2 AREA 3
 ELECTION DISTRICT NO. 2
 CONTRACT NO. 24-1465-D

SCALE AS SHOWN

SHEET 2 OF 2