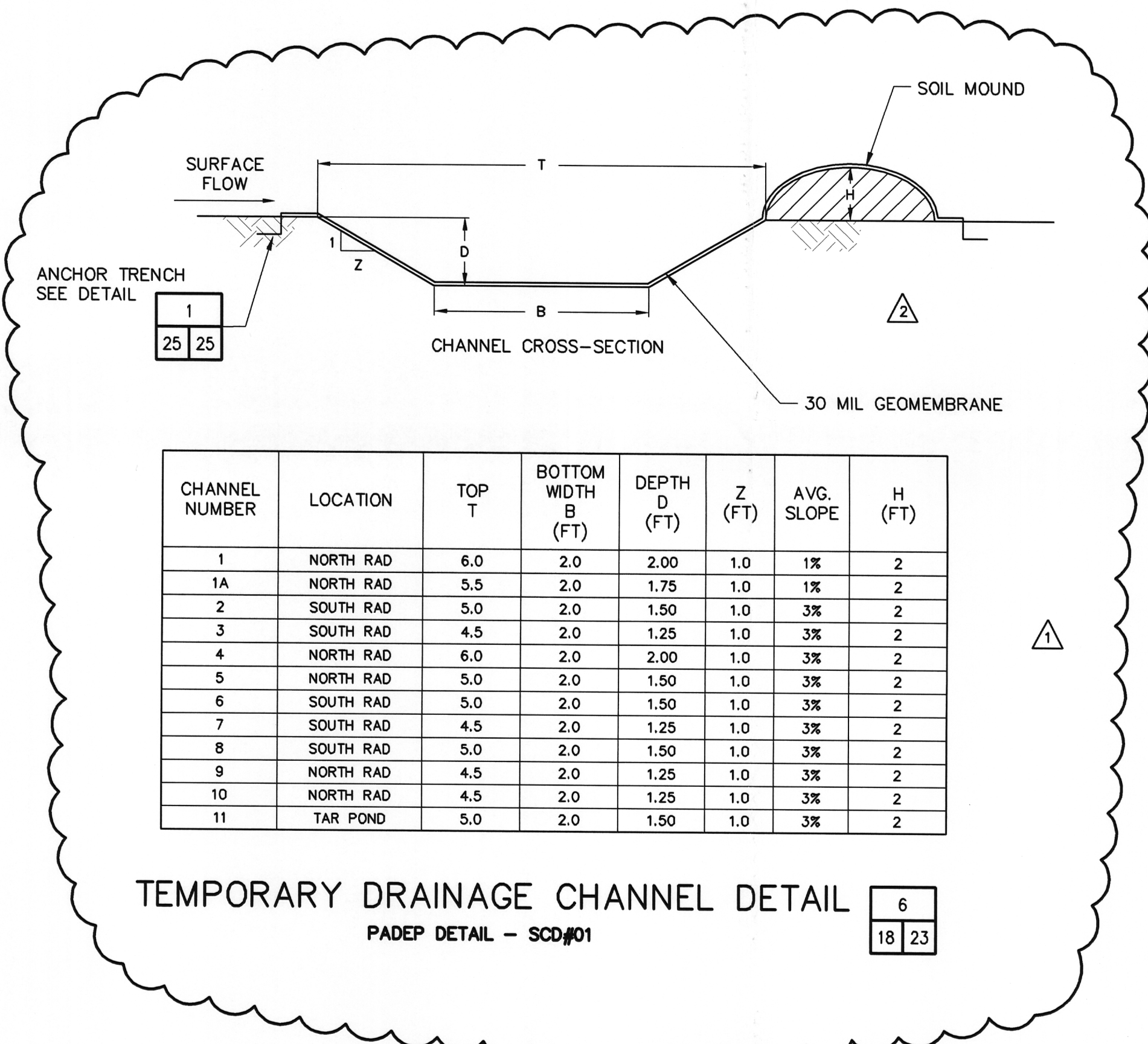
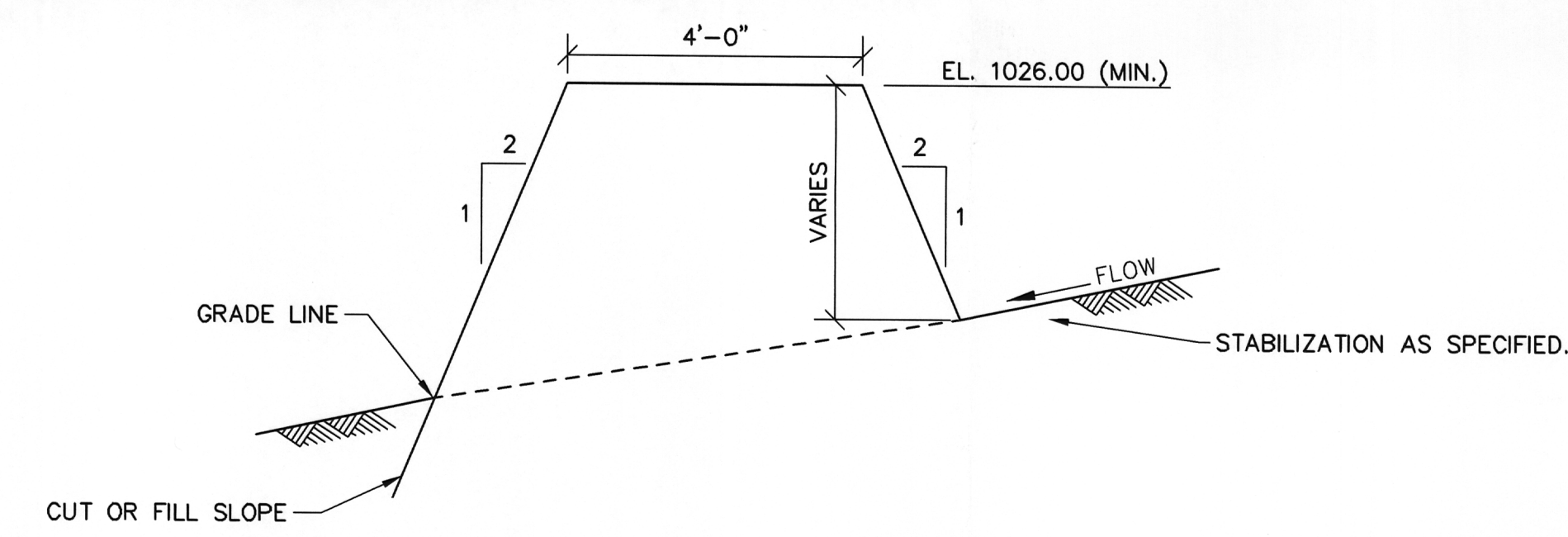


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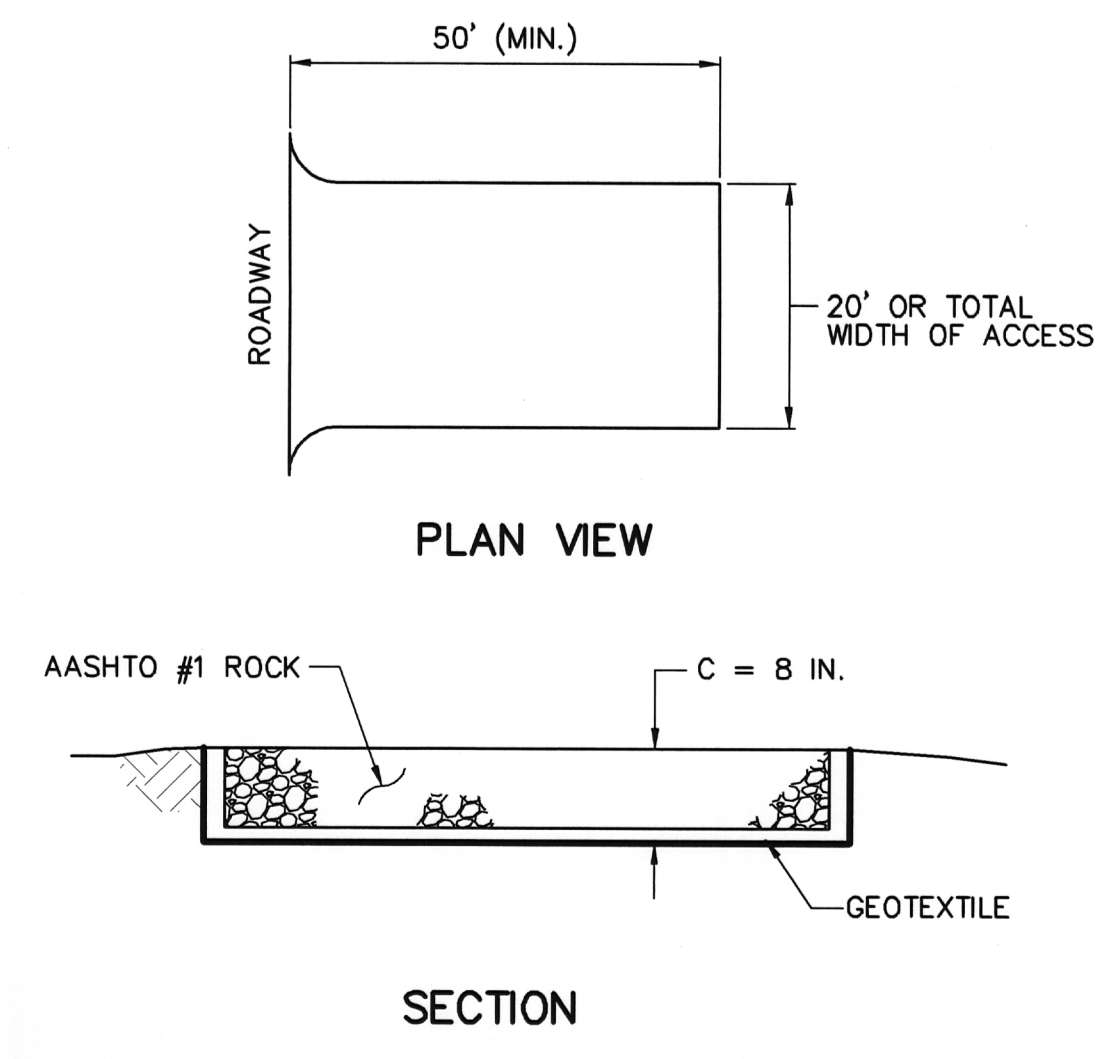


CHANNEL NUMBER	LOCATION	TOP T	BOTTOM WIDTH B (FT)	DEPTH D (FT)	Z (FT)	AVG. SLOPE	H (FT)
1	NORTH RAD	6.0	2.0	2.00	1.0	1%	2
1A	NORTH RAD	5.5	2.0	1.75	1.0	1%	2
2	SOUTH RAD	5.0	2.0	1.50	1.0	3%	2
3	SOUTH RAD	4.5	2.0	1.25	1.0	3%	2
4	NORTH RAD	6.0	2.0	2.00	1.0	3%	2
5	NORTH RAD	5.0	2.0	1.50	1.0	3%	2
6	SOUTH RAD	5.0	2.0	1.50	1.0	3%	2
7	SOUTH RAD	4.5	2.0	1.25	1.0	3%	2
8	SOUTH RAD	5.0	2.0	1.50	1.0	3%	2
9	NORTH RAD	4.5	2.0	1.25	1.0	3%	2
10	NORTH RAD	4.5	2.0	1.25	1.0	3%	2
11	TAR POND	5.0	2.0	1.50	1.0	3%	2

TEMPORARY DRAINAGE CHANNEL DETAIL
 PADEP DETAIL - SCD#01



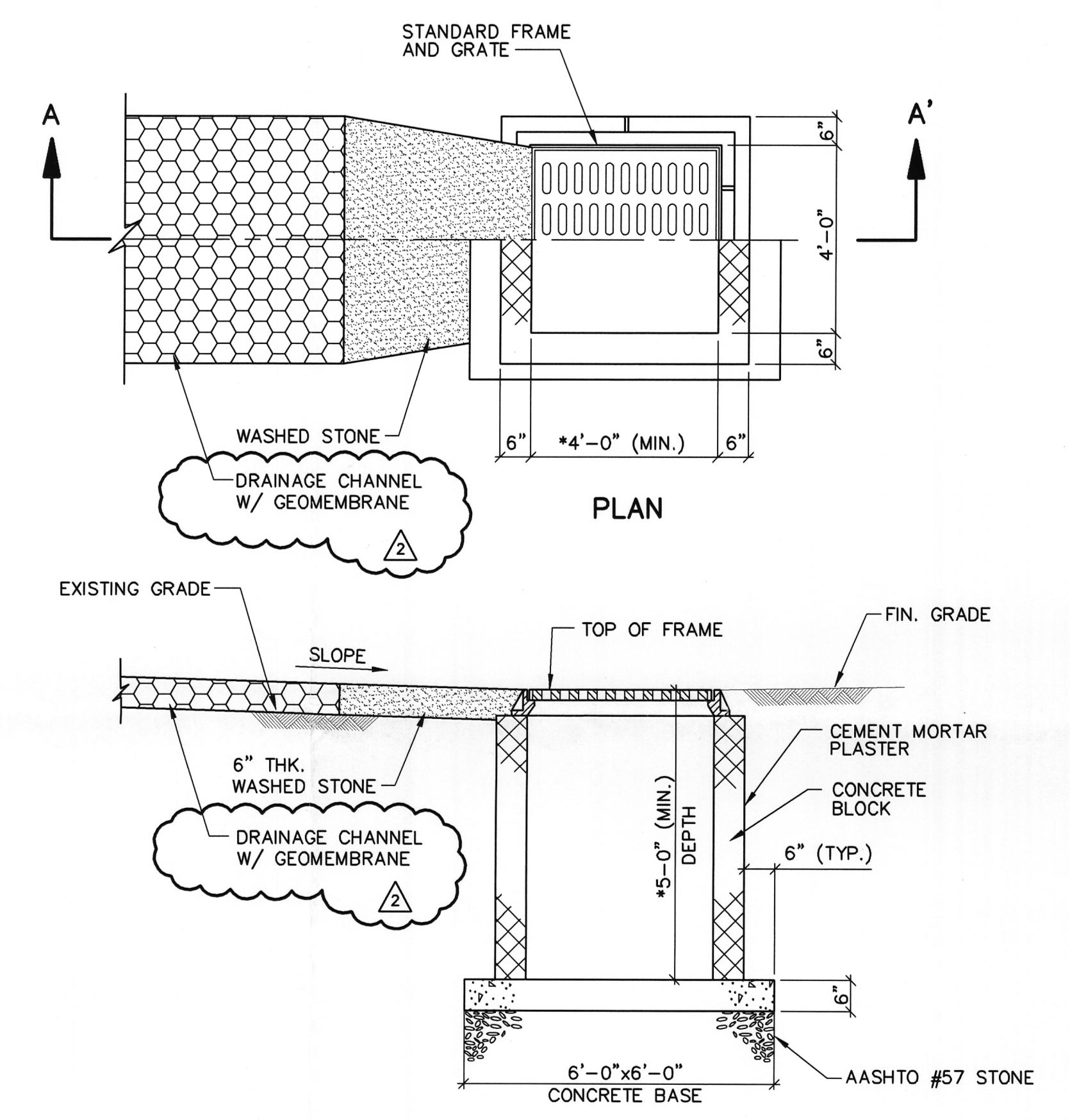
EARTHEN BERM DETAIL
 NOT TO SCALE



ROCK CONSTRUCTION ENTRANCE DETAIL
 PADEP DETAIL - SCD#16

NOTE:
 1. ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.

CATCH BASIN SCHEDULE					
ID	STATION	SIZE	PIPE SIZE	RIM ELEVATION	INVERT ELEVATION
NORTH					
CAN-1	0+00	3x3	12	1045.00	1040.50
CAN-2	1+68	3x3	12	1032.00	1027.50
CAN-3	3+69	3x3	18	1021.00	1016.00
CAN-4	5+24	3x3	18	1019.50	1015.07
CAN-5	6+99	3x3	18	1018.50	1014.02
CAN-6	8+25	3x3	18	1019.00	1013.26
OUTLET	8+37				1013.00
SOUTH					
CAS-1	0+00	3x3	12	1045.00	1040.50
CAS-2	1+68	3x3	12	1032.00	1027.50
CAS-3	3+69	3x3	15	1021.00	1016.00
CAS-4	5+24	3x3	15	1019.50	1015.07
CAS-5	6+99	3x3	15	1018.50	1014.04
CAS-6	7+79	3x3	15	1019.00	1013.26
OUTLET	7+91				1013.00



SECTION A-A'
 DRAINAGE CHANNEL CATCH BASIN DETAIL
 NOT TO SCALE

NOTE:
 1. DIMENSIONS MAY VARY. CONTRACTOR SHALL SIZE BASIN TO ACCOMMODATE PUMPS/DEWATERING EQUIPMENT.



NO.	BY	DATE	REMARKS
1	TCS	11/15/05	REVISED PER POST BID CHANGE
2	TCS	02/27/06	REVISED PER PERMIT CHANGE

DES: BEG
 DWN: TCS
 CKD: KRM

MOLYCORP, INC
 WASHINGTON, PA
 SITE REMEDIATION CONSTRUCTION

BEST MANAGEMENT PRACTICE
 DETAILS
 NOT TO SCALE

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 DATE: JUNE 2005
 M SHEET 23 OF 46
 CAD REF. NO. M-23