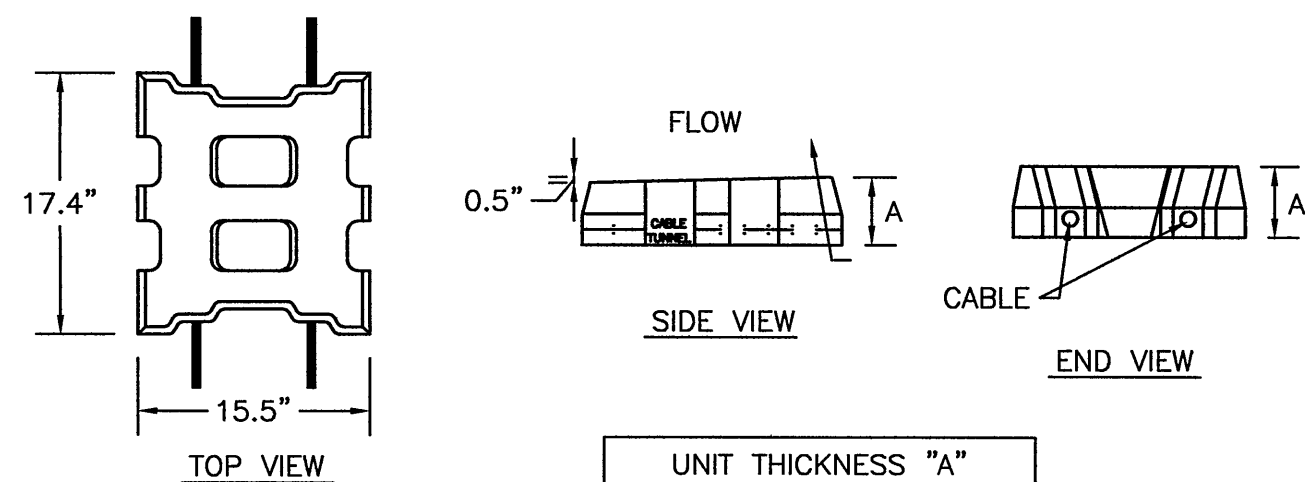
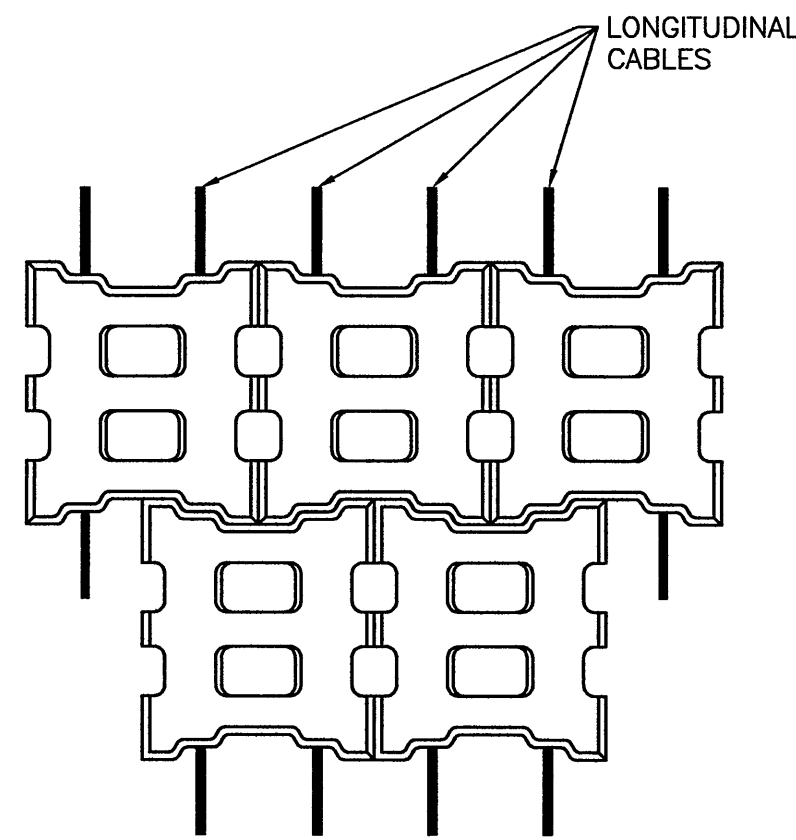
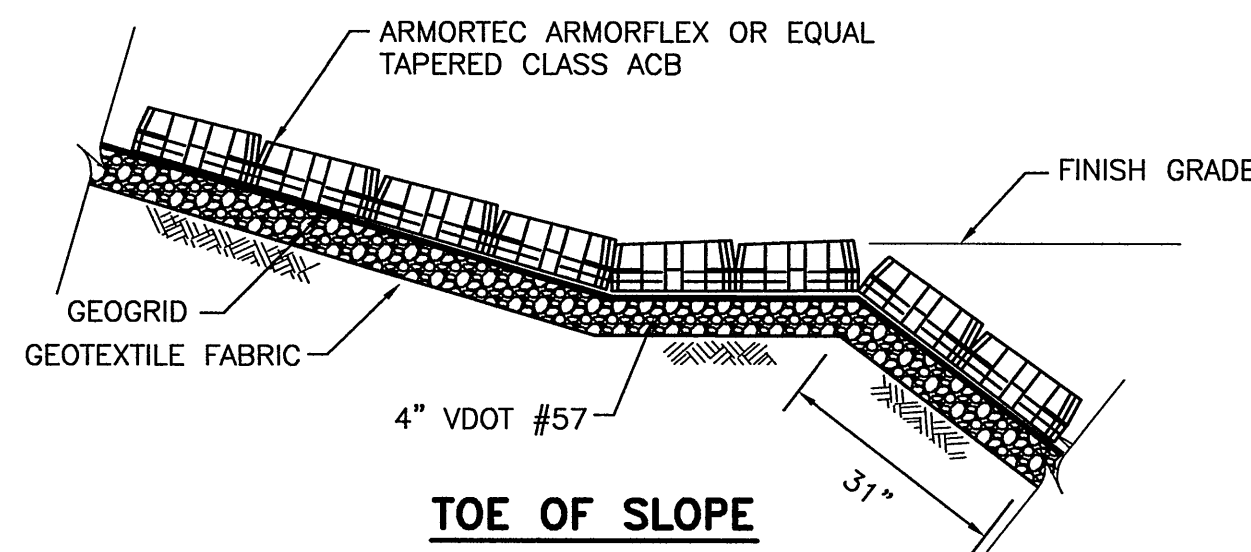
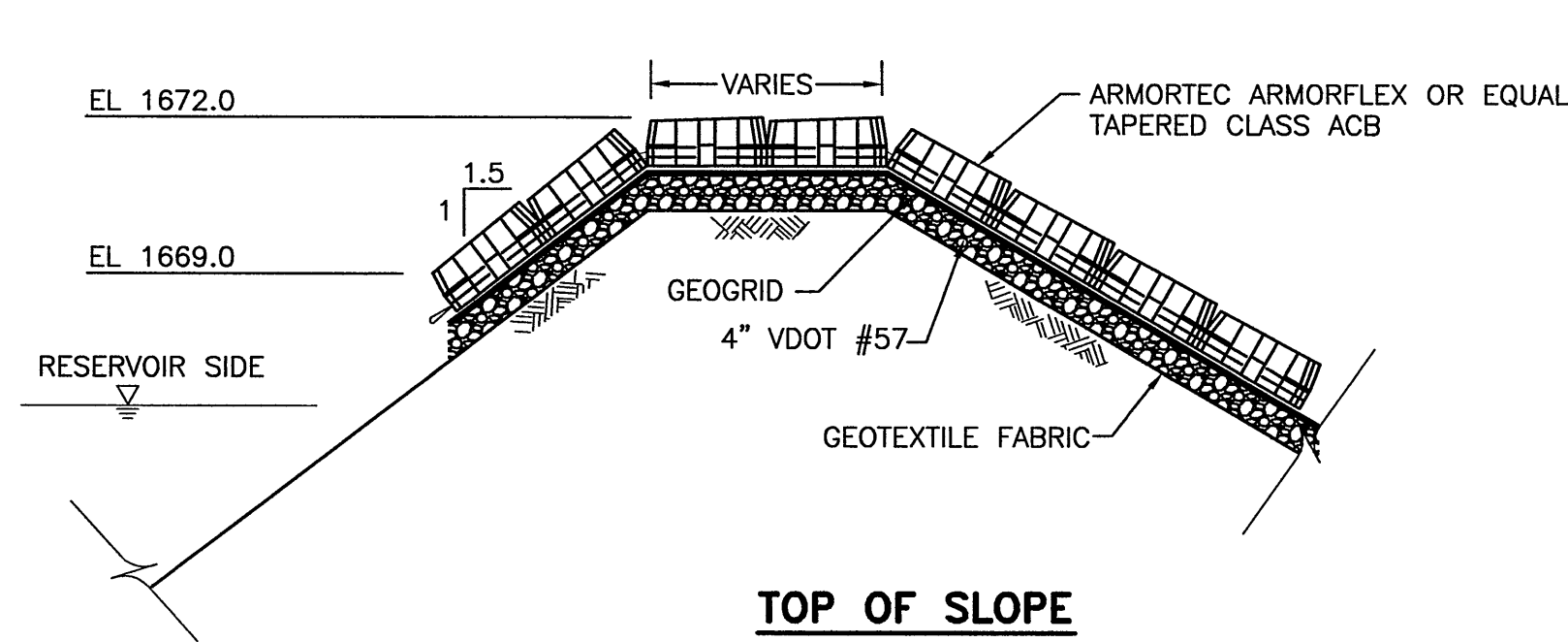


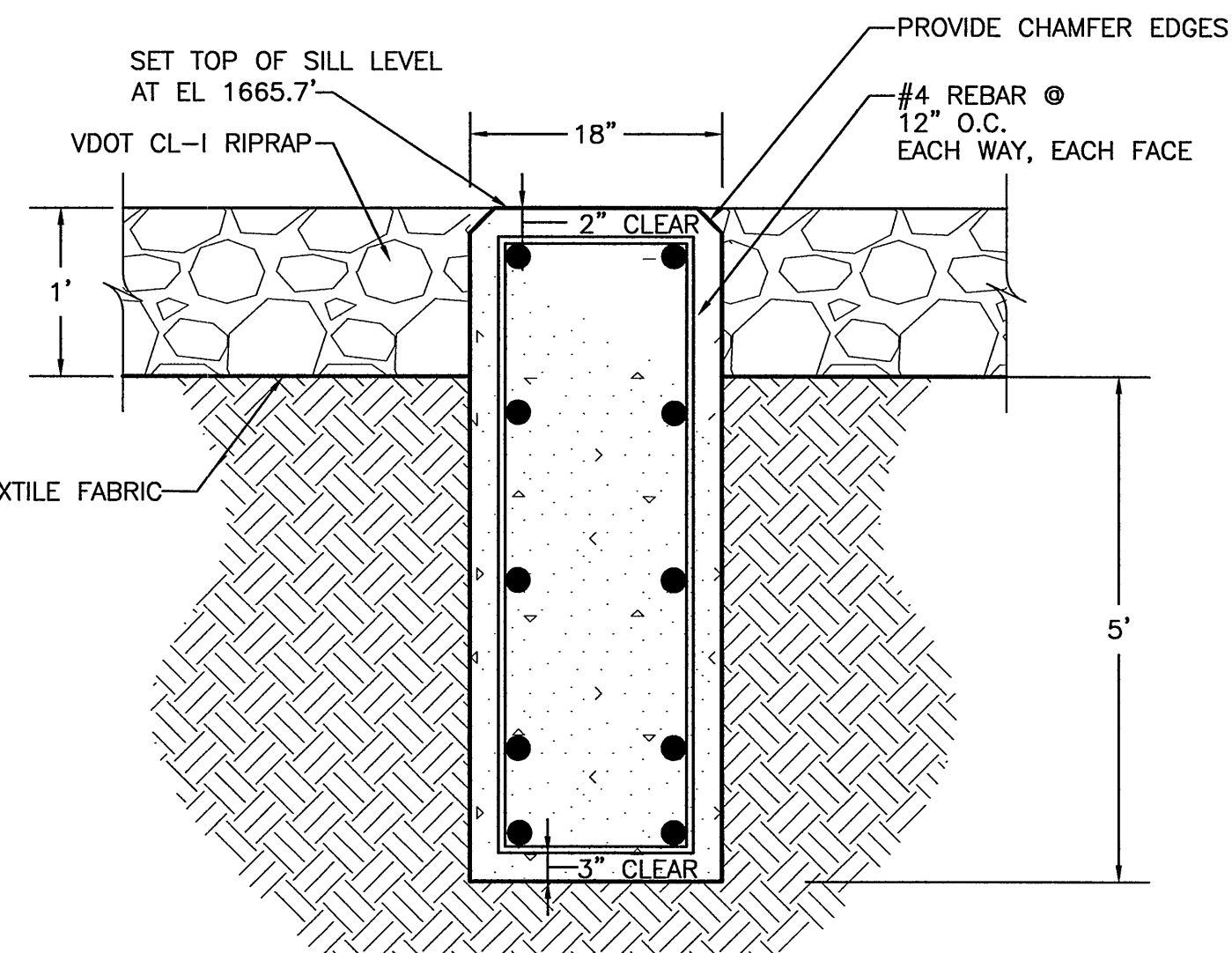


UNIT THICKNESS "A"	
CLASS 70-T	9.00"

ARTICULATED CONCRETE BLOCK MATTING
NO SCALE

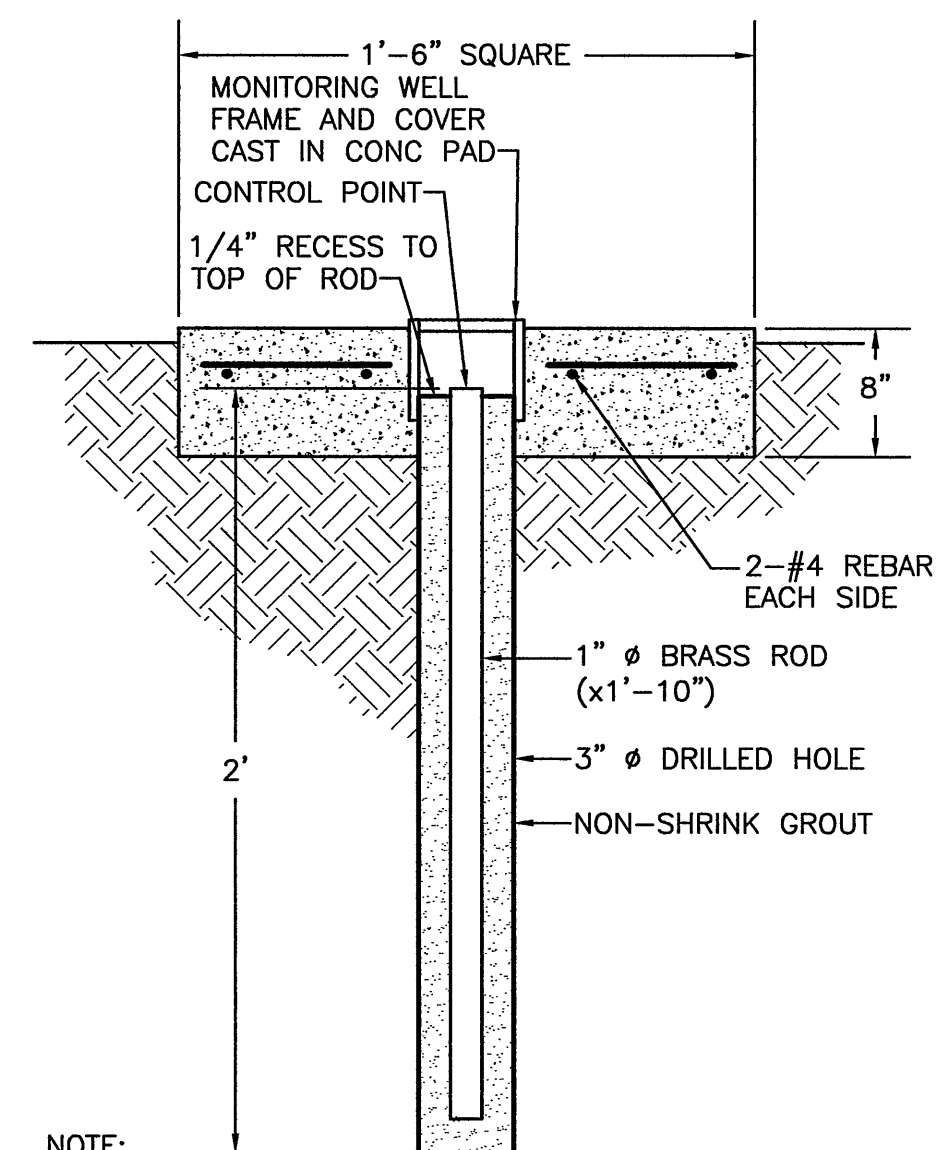


SLOPE ANCHORING DETAIL
WITH MECHANICAL ANCHORING
NO SCALE



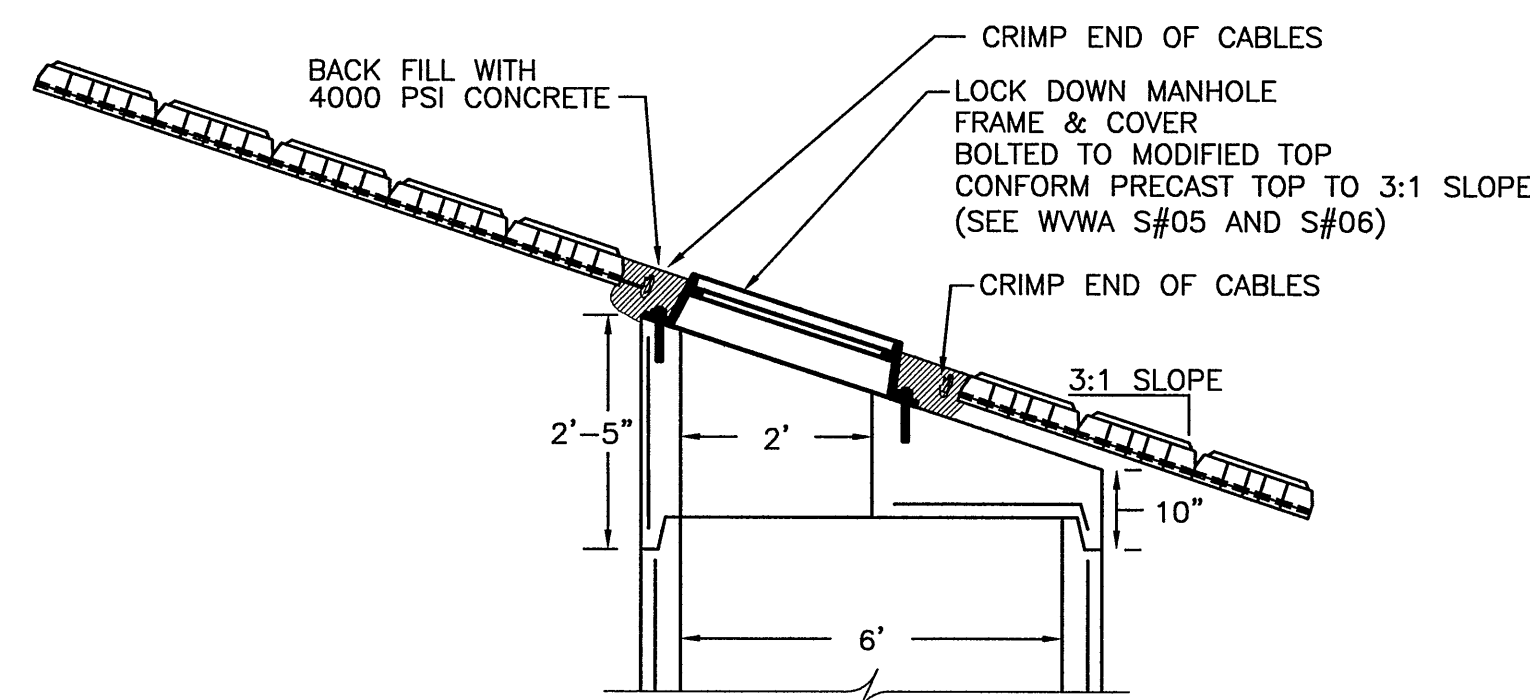
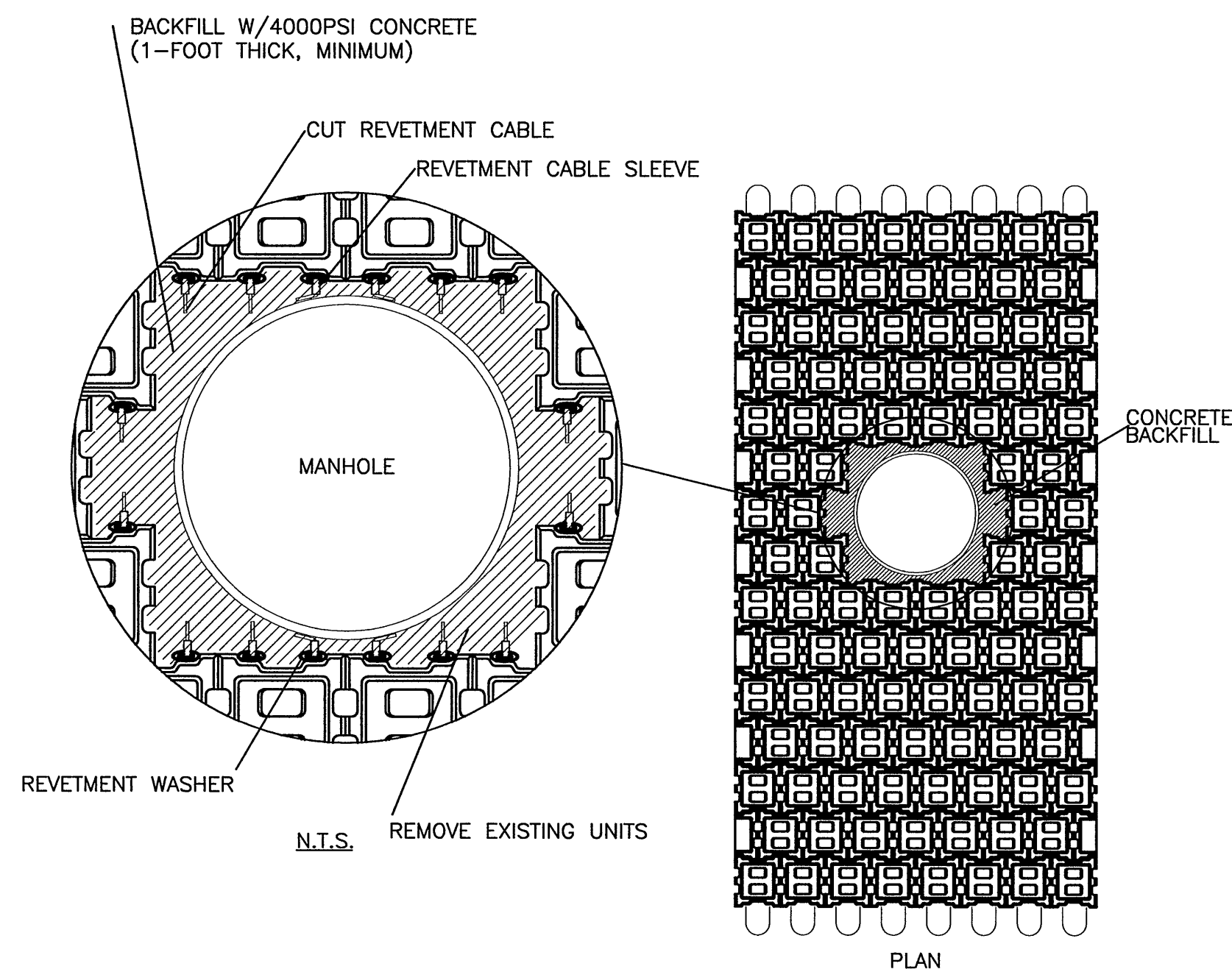
- NOTES:
- TOP OF CONCRETE SILL ELEVATION TOLERANCE IS $\pm 0.025'$
 - CONCRETE SILL IS 50' LONG. RIPRAP SHALL EXTEND A MINIMUM OF 5' ON BOTH SIDES OF CONCRETE SILL.

CONCRETE SILL
ON SERVICE SPILLWAY APPROACH CHANNEL
NO SCALE



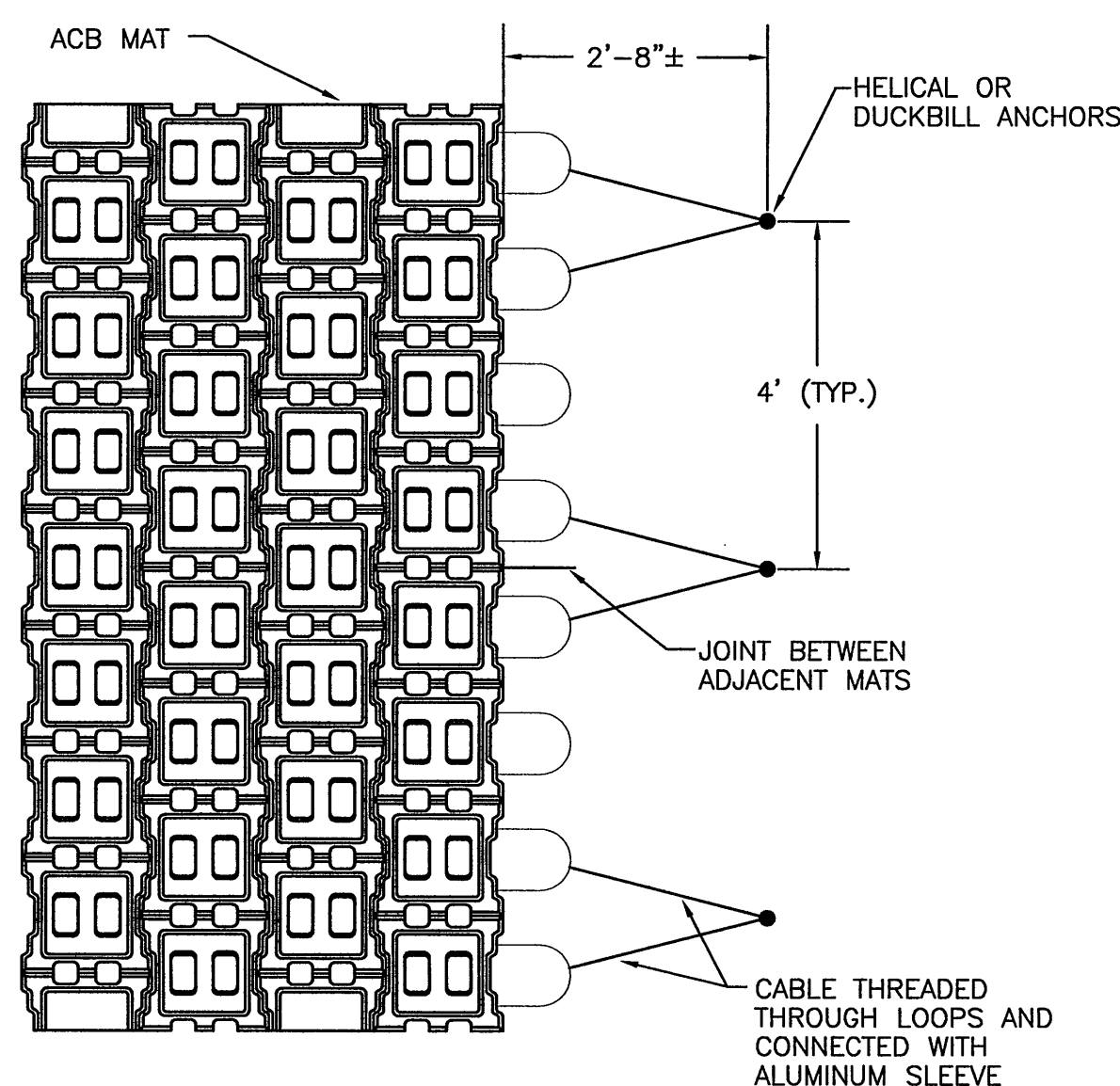
- NOTE:
- PROVIDE "AS-BUILT" LOCATION (HORIZONTAL AND VERTICAL) FOR EACH CONTROL POINT CERTIFIED BY A LAND SURVEYOR LICENSED IN VIRGINIA.

SURVEY MONITORING POINT (SMP)
NO SCALE



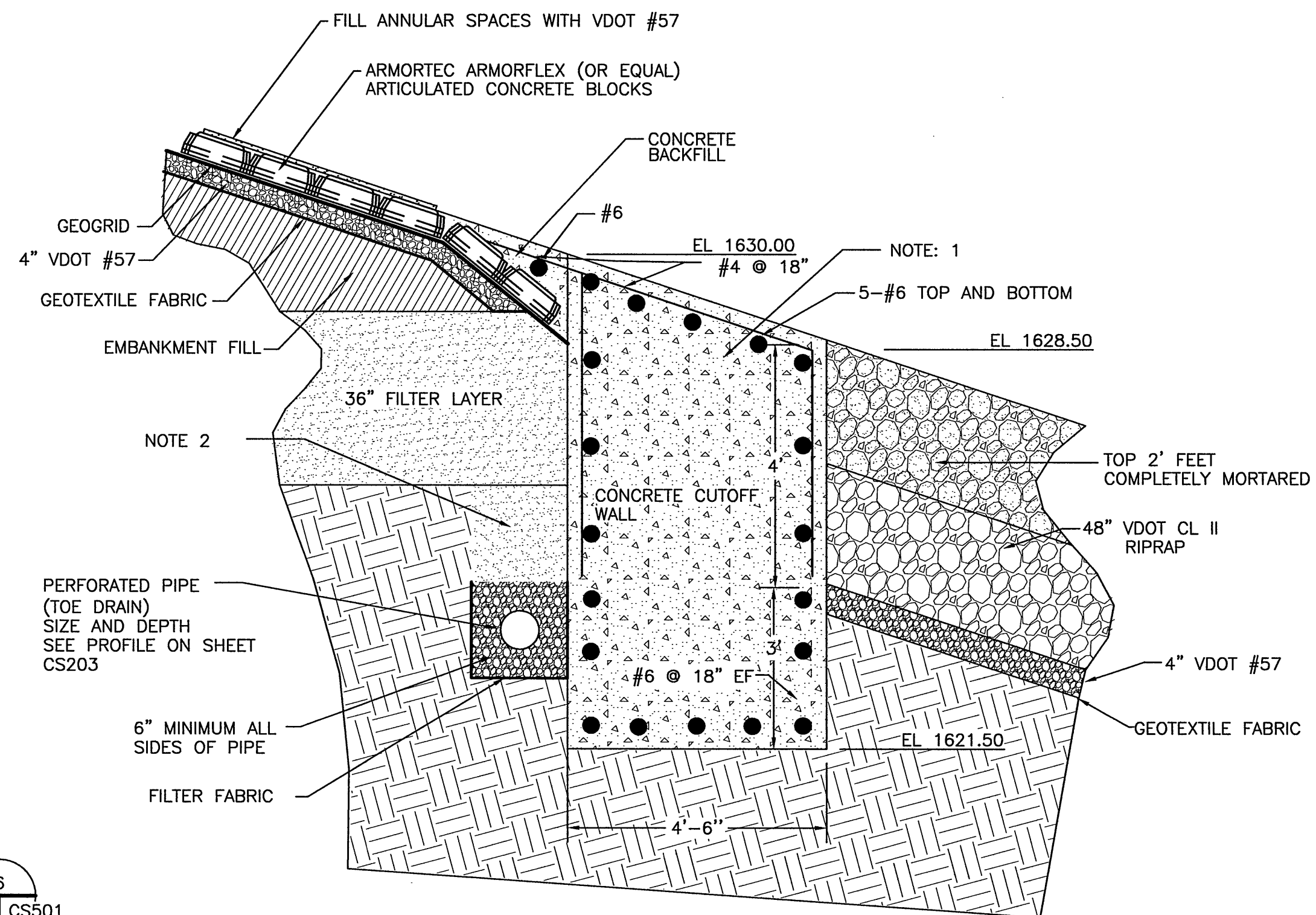
- NOTES:
- OTHER PENETRATIONS THROUGH ACB FOR MONITORING WELLS ARE SIMILAR.
 - ALSO SEE

MANHOLE PENETRATION THROUGH ACB (MH-1, MH-6 & MH TD2)
NO SCALE



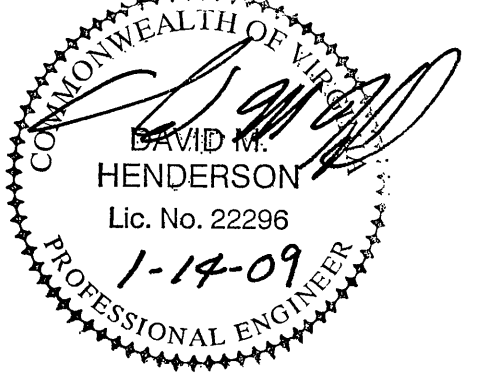
- NOTE:
- PROVIDE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

TOP OF SLOPE ANCHOR CONNECTION FOR ACB
NO SCALE



CONCRETE CUTOFF WALL
SCALE: 1"=2'

- NOTES:
- CAST CONCRETE CUTOFF WALL IN ALTERNATE PANELS, NOT TO EXCEED 40 FEET IN LENGTH, CONTINUE REINFORCEMENT THROUGH JOINT.
 - PLACE THE BOTTOM OF THE FILTER LAYER IN DIRECT CONTACT WITH THE TOP OF THE FILTER MEDIA. DO NOT SEPARATE WITH DRAINAGE FABRIC.



FALLING CREEK
DAM RENOVATION

WESTERN VIRGINIA
WATER AUTHORITY

BEDFORD COUNTY, VIRGINIA

REV	DATE	DESCRIPTION	APP

REV	DATE	DESCRIPTION	APP

PROJECT NO: 61034	PROJECT PH: REGULATORY REVIEW
ISSUE DATE: JANUARY 12, 2009	DESIGNED BY: DMH
CHECKED BY: CGH	DRAWN BY: MAL
	SUBMITTED BY: DMH

CIVIL

DAM
DETAILS

CS501