

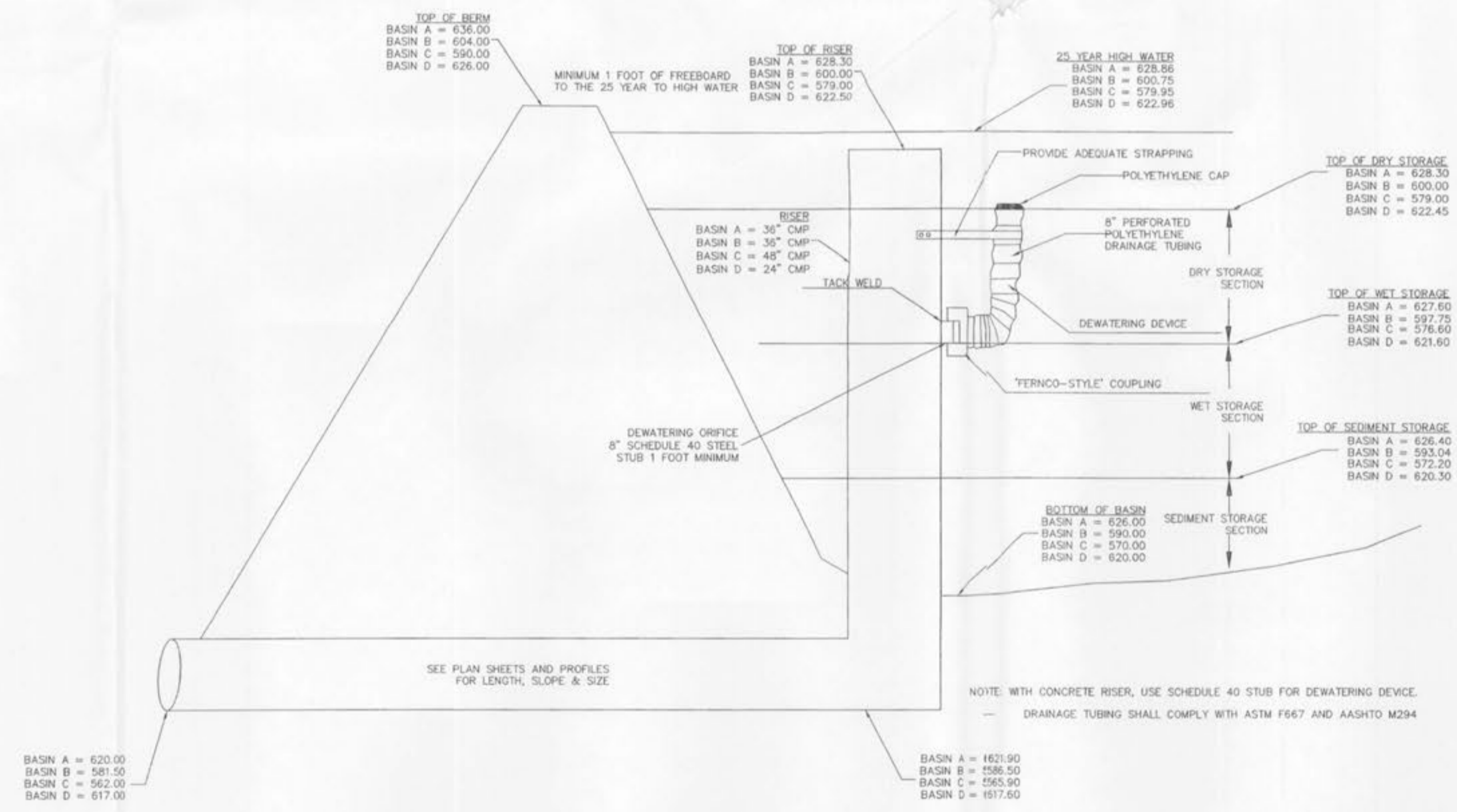
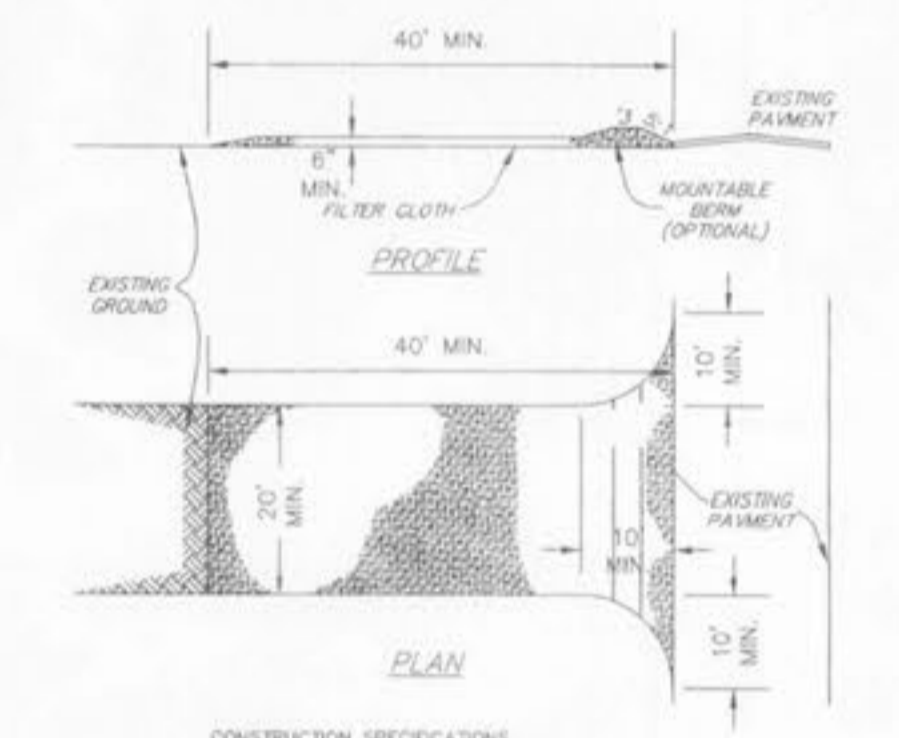
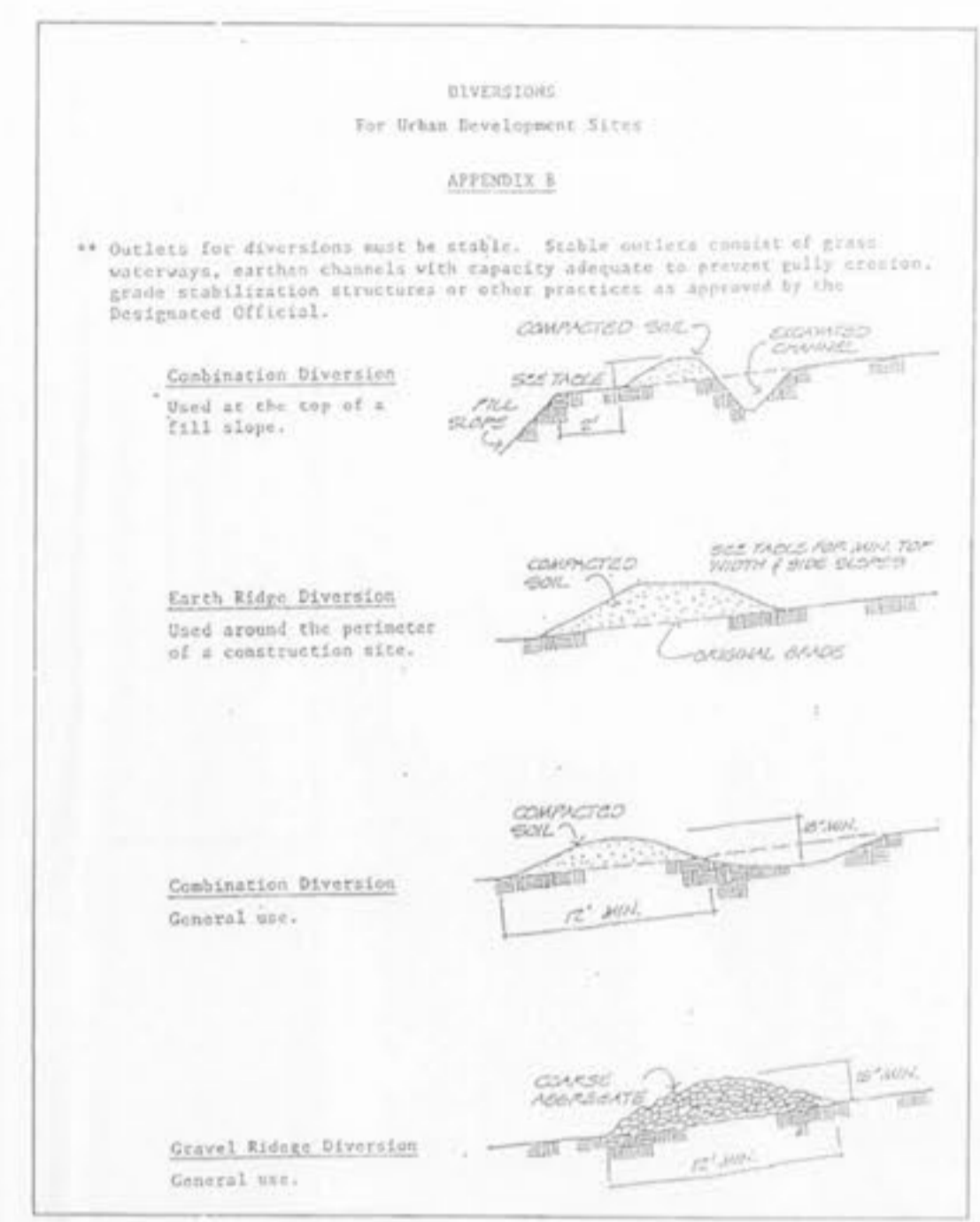
**PLACEMENT AND CONSTRUCTION OF A STRAW BALE BARRIER**  
 NOT TO SCALE

Maximum Discharge (Q) = 4.00 cfs  
 Maximum Velocity (V) = 4.00 ft/sec  
 N = 0.030 (grass)  
 Maximum side slopes = 3 (horizontal) 1 (vertical)

Longitudinal Slope (%)	Discharge (cfs)	Velocity (ft/sec)	Depth (ft)
0.5	4	1.89481682	0.836852769
1.0	4	2.4372734	0.736618011
2.0	4	3.118668924	0.64843326
3.0	4	3.71000033	0.59499523
4.0	3.51071886	4	0.5408807
5.0	2.9208592	4	0.45733605
6.0	1.9109329	4	0.39050698
7.0	1.518488	4	0.355491209
8.0	1.2412206	4	0.321813971
9.0	1.04021299	4	0.29442173
10.0	0.886149422	4	0.242052296

6.0' MINIMUM WIDTH  
 3.0'  
 MIN. DEPTH 1.0'  
 3:1 SLOPED SIDE SLOPES

**TYPICAL SWALE CROSS SECTION**  
 NOT TO SCALE



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