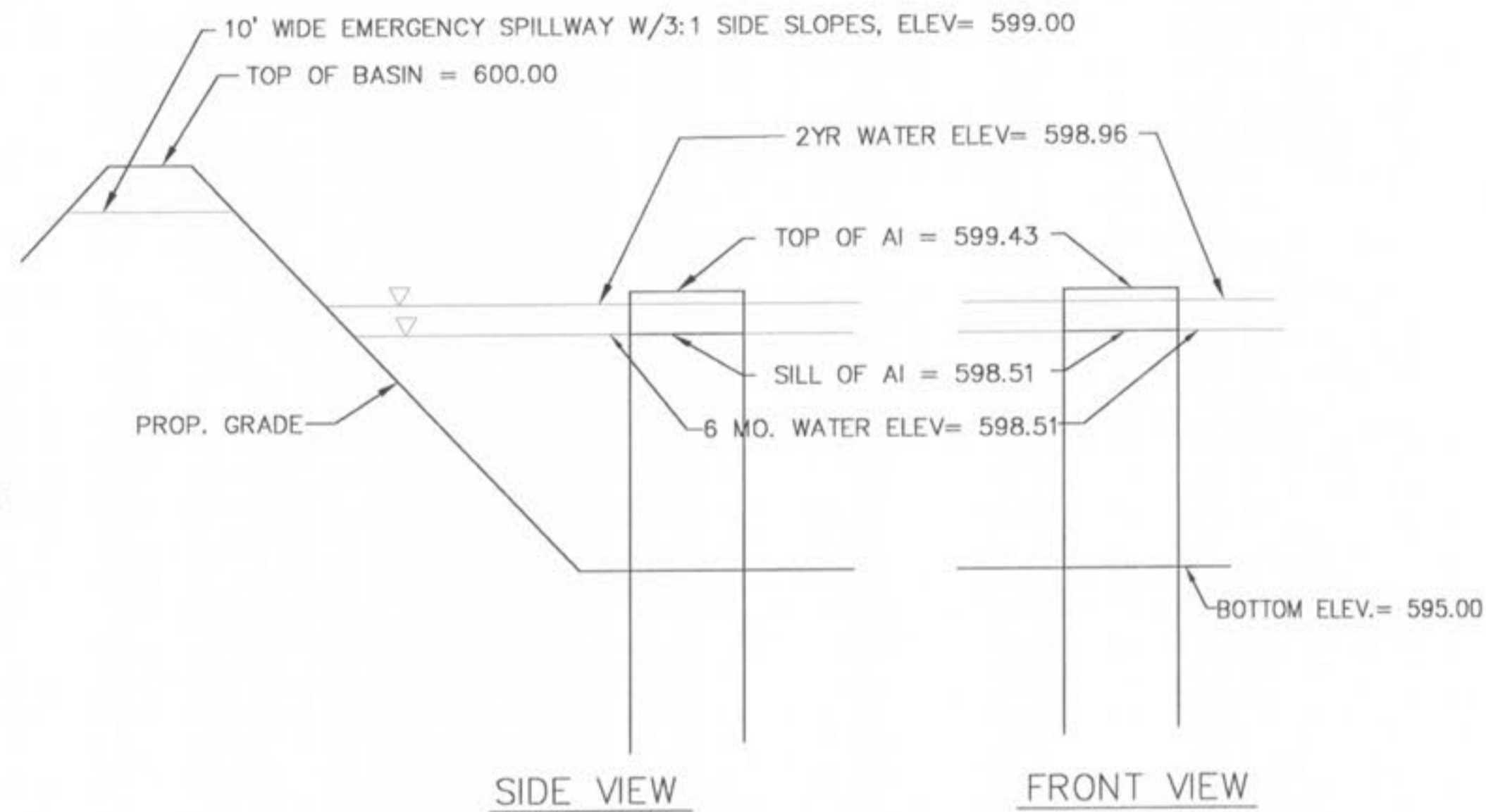


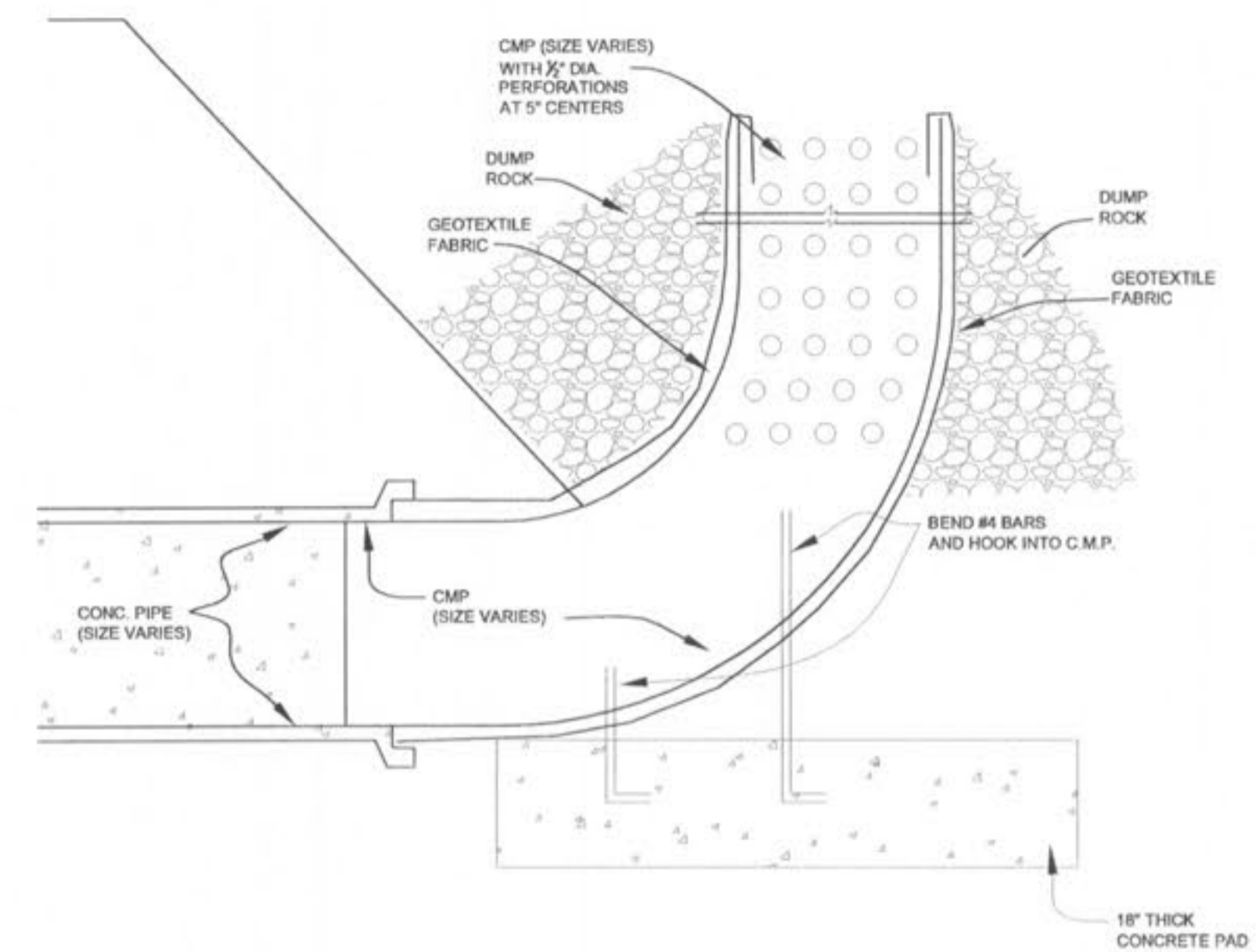
SIDE VIEW FRONT VIEW

1 SEDIMENT BASIN "B"-STRUCTURE 96
SCALE: N.T.S. REF. DWG.

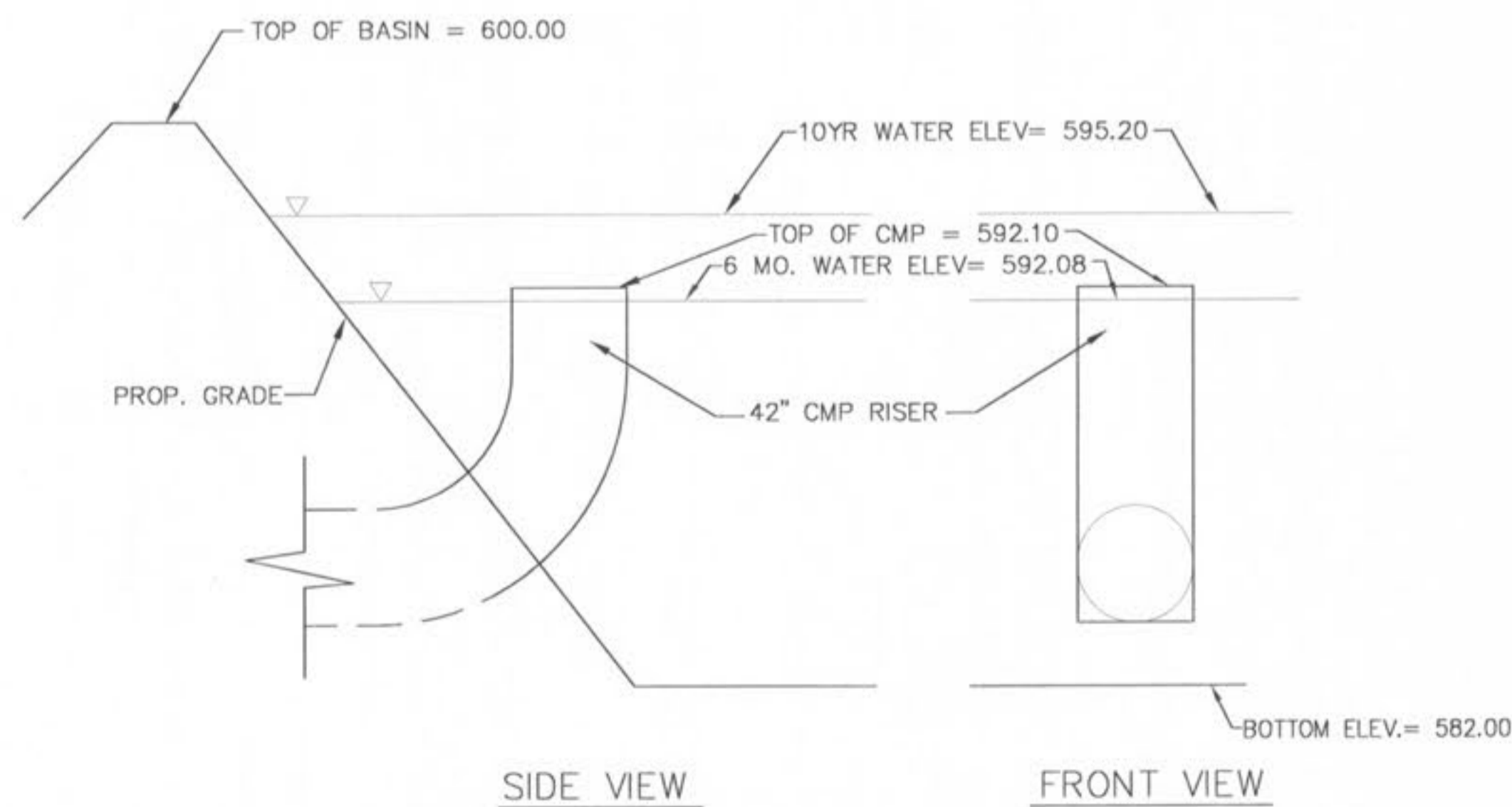


SIDE VIEW FRONT VIEW

2 SEDIMENT TRAP-STRUCTURE 88
SCALE: N.T.S. REF. DWG.



3 TEMPORARY BASIN SEDIMENT STRUCTURE
SCALE: N.T.S. REF. DWG.



SIDE VIEW FRONT VIEW

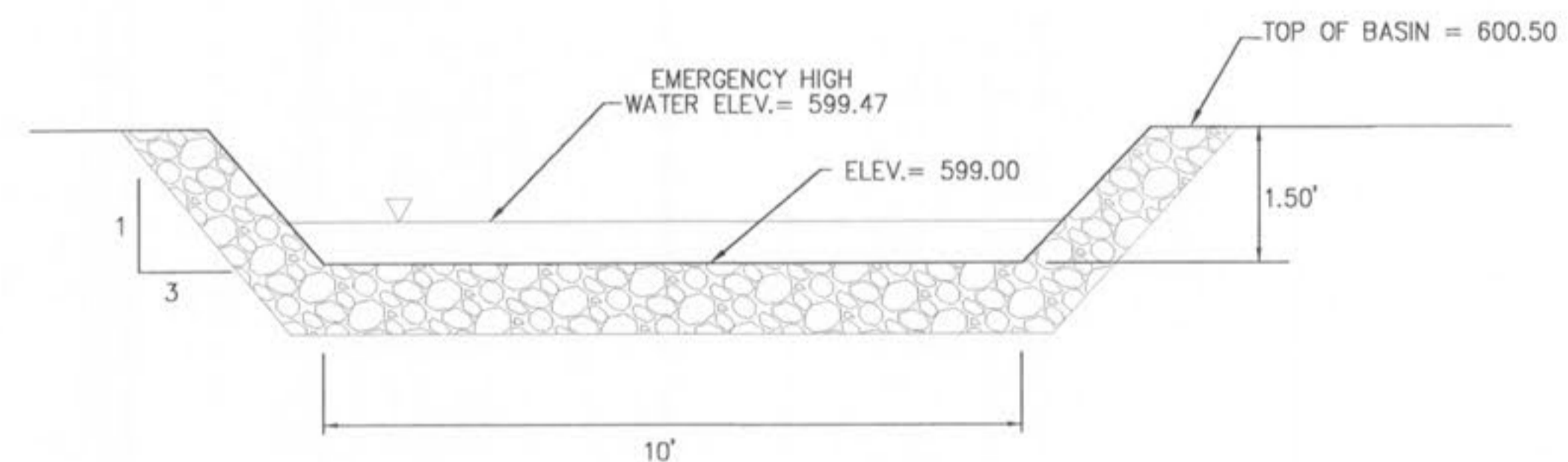
4 SEDIMENT TRAP "C"-STRUCTURE TSP
SCALE: N.T.S. REF. DWG.

TRAPEZOIDAL CHANNEL ANALYSIS
NORMAL DEPTH COMPUTATION
SEDIMENT TRAP "B"
June 11, 2007

PROGRAM INPUT DATA		VALUE
DESCRIPTION		
Flow Rate (cfs)	17.41	
Channel Bottom Slope (ft/ft)	0.01	
Manning's Roughness Coefficient (n-value)	0.025	
Channel Left Side Slope (horizontal/vertical)	3.0	
Channel Right Side Slope (horizontal/vertical)	3.0	
Channel Bottom Width (ft)	10.0	

COMPUTATION RESULTS		VALUE
DESCRIPTION		
Normal Depth (ft)	0.47	
Flow Velocity (fps)	3.29	
Froude Number	0.9	
Velocity Head (ft)	0.17	
Energy Head (ft)	0.63	
Cross-Sectional Area of Flow (sq ft)	5.30	
Top Width of Flow (ft)	12.79	

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Phone: (281) 440-3787, Fax: (281) 440-4742, Email: software@dodson-hydro.com
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5 OVERFLOW DETAIL SEDIMENT TRAP "B"
SCALE: N.T.S. REF. DWG.

USER: jkilton TAB: G6.2
DATE: Sep 26, 2007 - 3:46pm
DRAWING: S:\085\085007\07-0041\07-0041.dwg MASS GRADING PLANS PHASE 2B\0_CPLAN_G6.0 DETAILS.dwg

REVISIONS DATE: 9/27/07 BY: JKW DESCRIPTION: CITY COMMENTS DATE: 9/27/07 BY: JKW DESCRIPTION: CITY COMMENTS DATE: 9/28/07 BY: JKW DESCRIPTION: CITY COMMENTS	
DEVELOPER/OWNER: THE JONES COMPANY HOMES, L.L.C. 16840 CHESTERFIELD GROVE, SUITE 200 CHESTERFIELD, MO 63005 PHONE: (636) 537-7192	
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DETAILS	
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DESIGNED BY: JKW DRAWN BY: JKW CHECKED BY: JFH DATE: 8/13/07 Job Number: 07-0041 Sheet Number: G6.2	