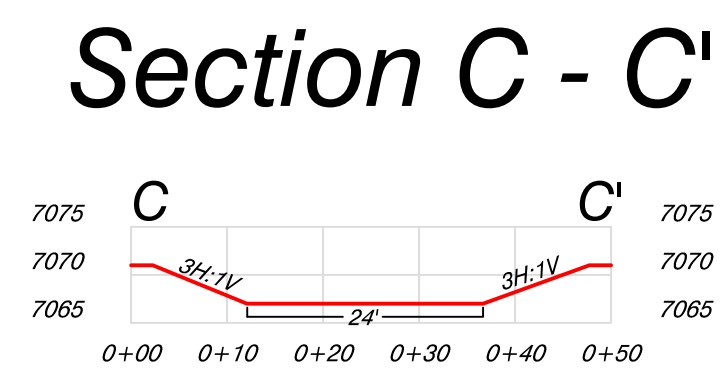
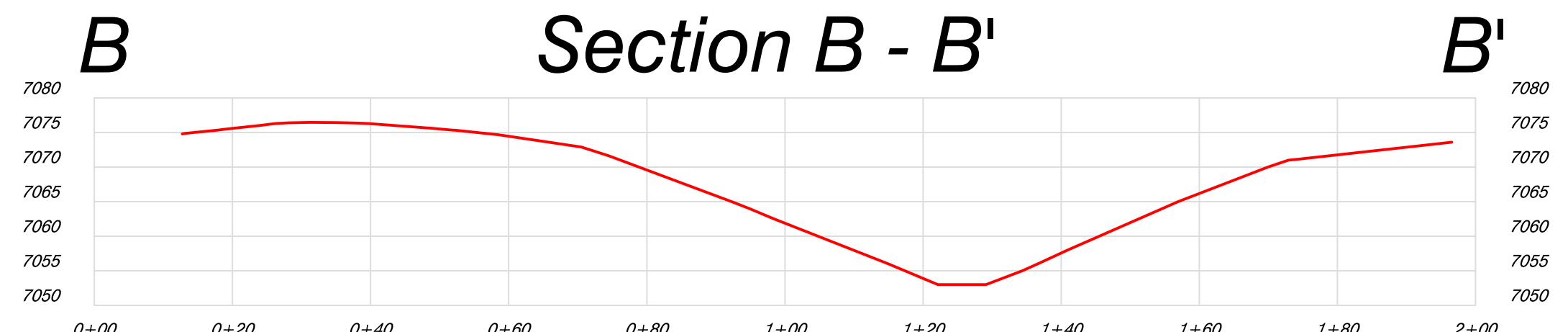
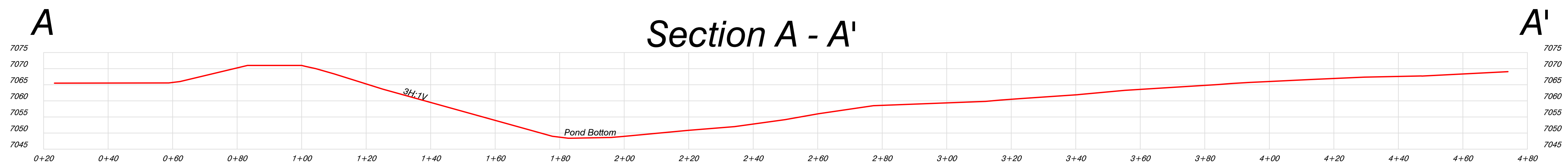
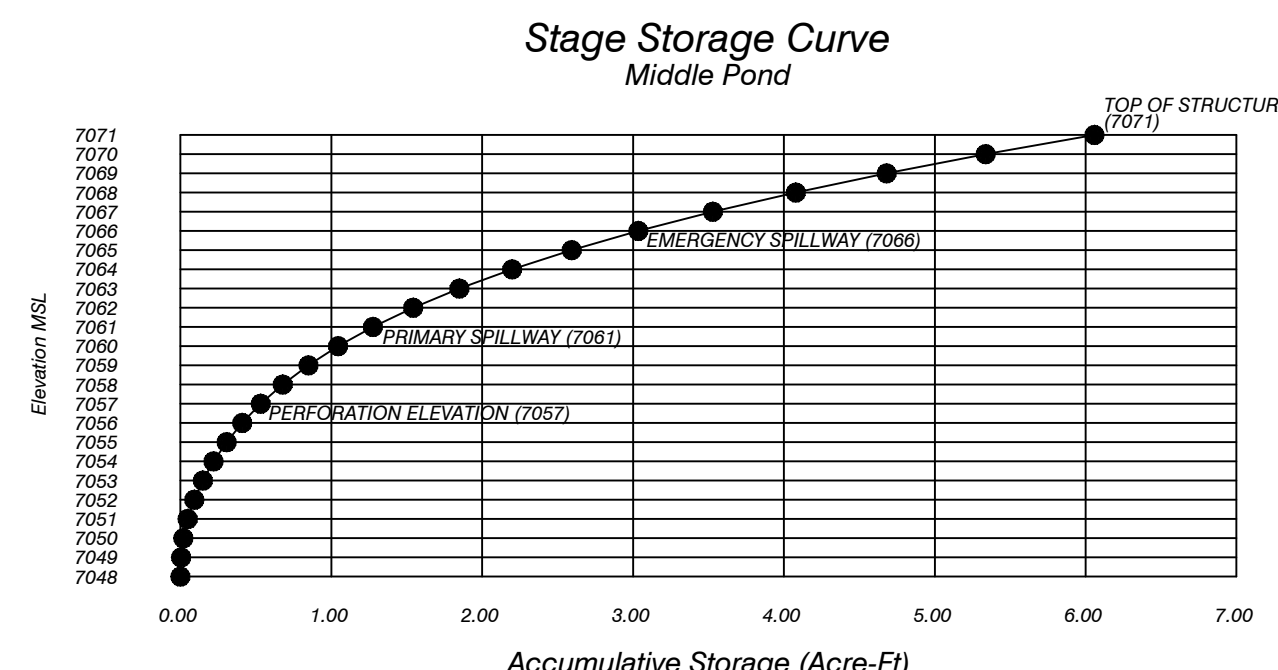
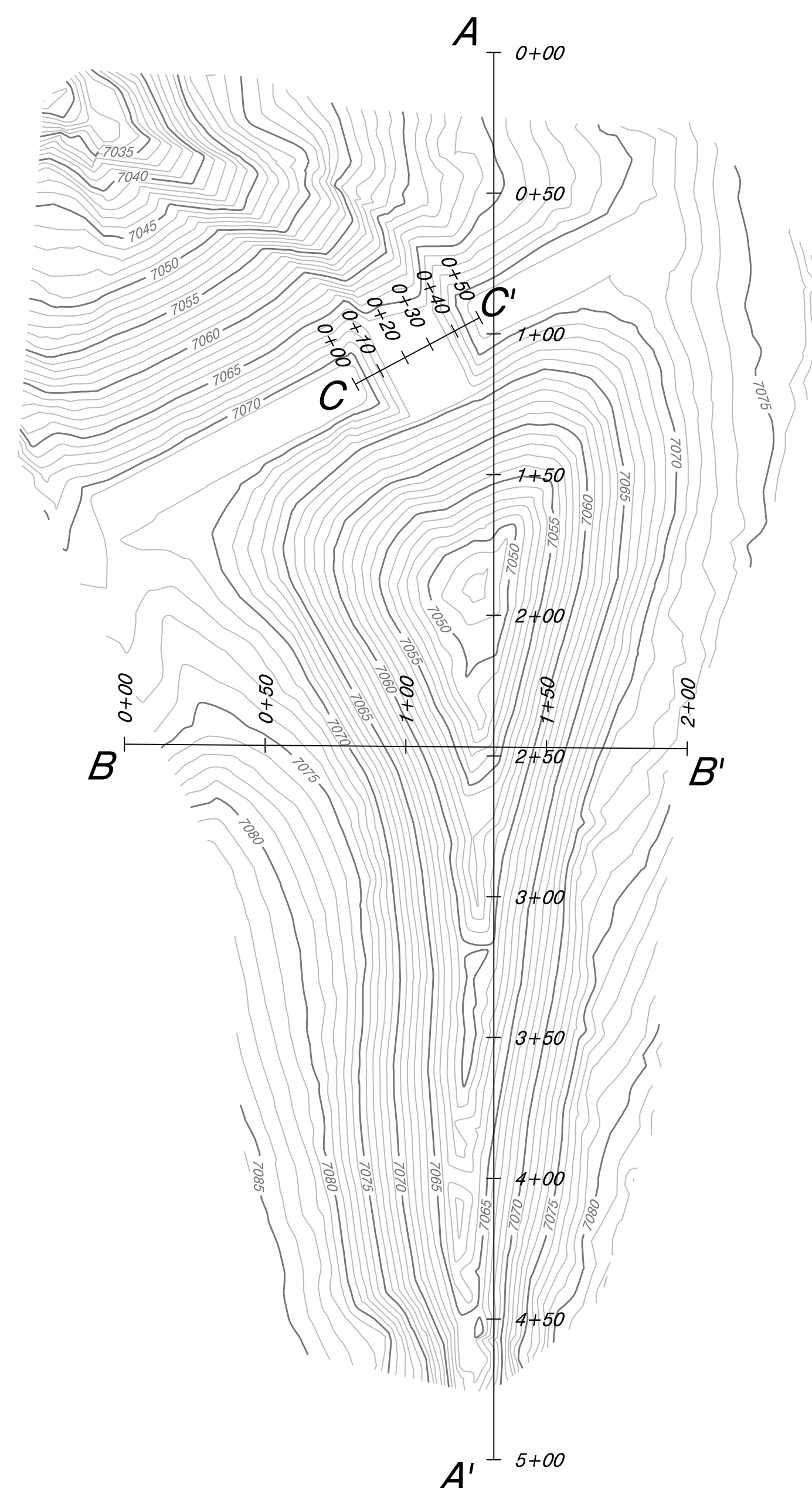


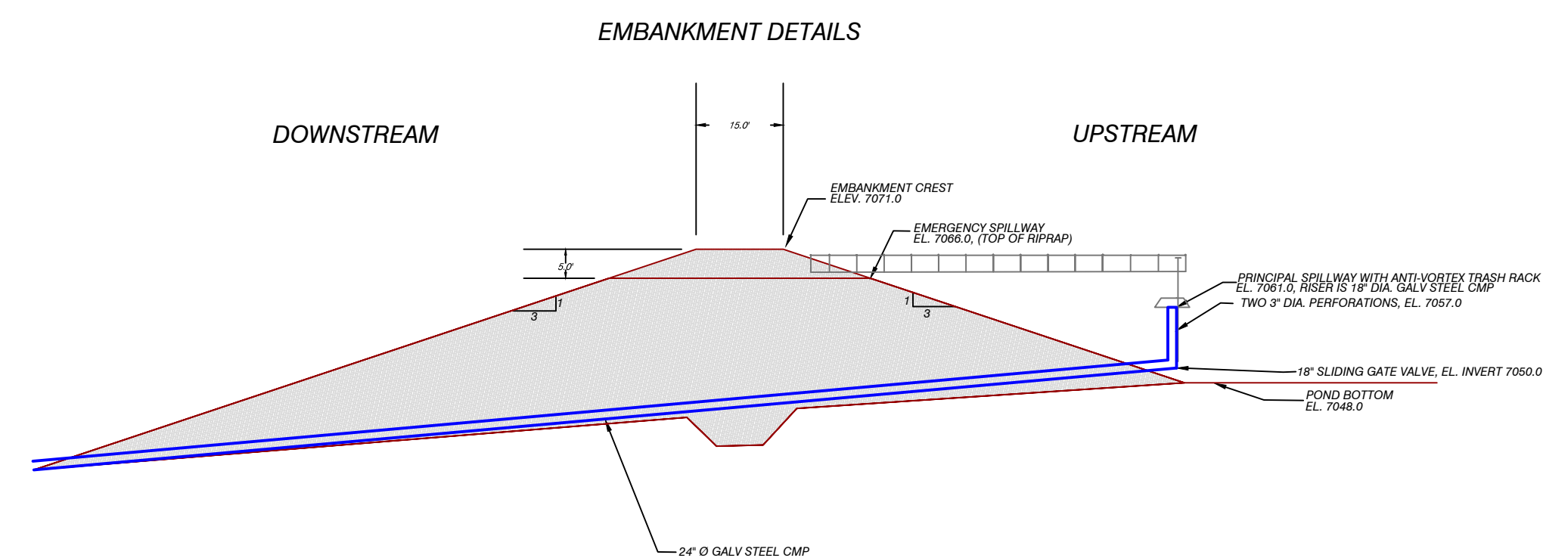


Scale 1" = 20'



Storage Volume Computations

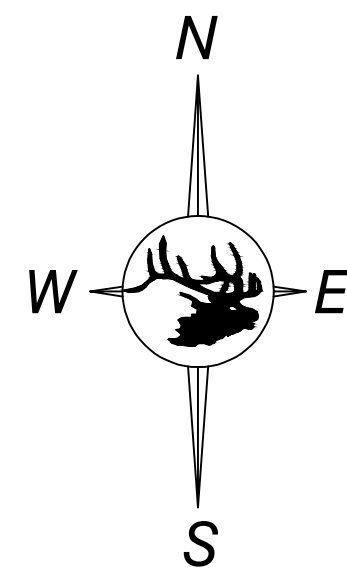
ELEV. (ft)	AREA (ac)	AVG. AREA (ac)	INTERVAL (ft)	STORAGE (ac-ft)	ACC. STORAGE (ac-ft)	STAGE INTERVAL (ft)
7048.00	0.0000	0.0044	1.00	0.0047	0.0047	1.00
7049.00	0.0086	0.0149	1.00	0.0148	0.0195	2.00
7050.00	0.0209	0.0283	1.00	0.0288	0.0483	3.00
7051.00	0.0356	0.0430	1.00	0.0436	0.0919	4.00
7052.00	0.0504	0.0599	1.00	0.0598	0.1487	5.00
7053.00	0.0634	0.0708	1.00	0.0708	0.2195	6.00
7054.00	0.0783	0.0867	1.00	0.0866	0.3061	7.00
7055.00	0.0950	0.1038	1.00	0.1037	0.4099	8.00
7056.00	0.1126	0.1225	1.00	0.1223	0.5322	9.00
7057.00	0.1324	0.1452	1.00	0.1461	0.6783	10.00
7058.00	0.1579	0.1704	1.00	0.1704	0.8487	11.00
7059.00	0.1830	0.1964	1.00	0.1963	1.0450	12.00
7060.00	0.2099	0.2291	1.00	0.2213	1.2763	13.00
7061.00	0.2482	0.2653	1.00	0.2654	1.5426	14.00
7062.00	0.2844	0.3058	1.00	0.3064	1.8490	15.00
7063.00	0.3272	0.3492	1.00	0.3498	2.1989	16.00
7064.00	0.3711	0.3943	1.00	0.3947	2.5936	17.00
7065.00	0.4175	0.4413	1.00	0.4416	3.0351	18.00
7066.00	0.4650	0.4937	1.00	0.4940	3.5292	19.00
7067.00	0.5225	0.5490	1.00	0.5490	4.0791	20.00
7068.00	0.5755	0.6010	1.00	0.6018	4.6809	21.00
7069.00	0.6263	0.6565	1.00	0.6564	5.3373	22.00
7070.00	0.6847	0.7222	1.00	0.7211	6.0584	23.00
7071.00	0.7597					



Scale 1" = 25'

Scale 1" = 40'
Contour Interval = 1 Ft.

Note: A staff gauge is installed inside the pond near the primary discharge.



ENGINEERS CERTIFICATION
I, LEE E. SAMPSON, hereby certify that this map has been reviewed by me and is true and correct to the best of my knowledge and information, relying on information supplied by experts employed by Colowyo Coal Company or qualified consultants working for Colowyo Coal Company, and that I am a Professional Engineer licensed in Colorado as required by the provisions of C.R.S. 12-25-101 through C.R.S. 12-25-119. IN WITNESS WHEREOF, I have hereunder set my hand and affixed my seal.



Middle Pond As-Built				
 Colowyo Coal Company 6731 State Highway 13 Meeker, Colorado 81641		SCALE: <u>As Shown</u> DATE: <u>4/18/18</u> DRWG. BY: <u>Tony</u> APPROVED BY: <u>PW</u>		
		DRWG NO. Figure 7-231-1		
No.	REVISION	DATE	BY	CHK
MR-199	Added Staff Gauge Note	3/25/19	Tony	BC
TR-154	Revised Drawing Number	4/28/22	Tony	LES