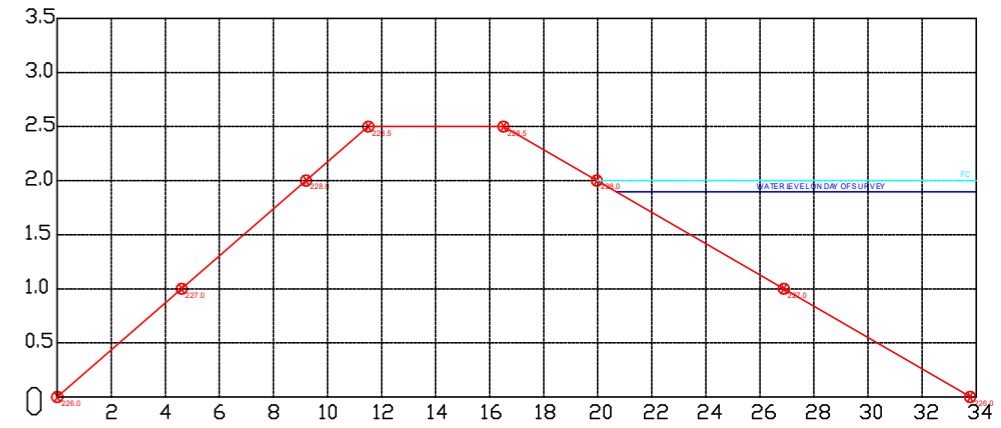
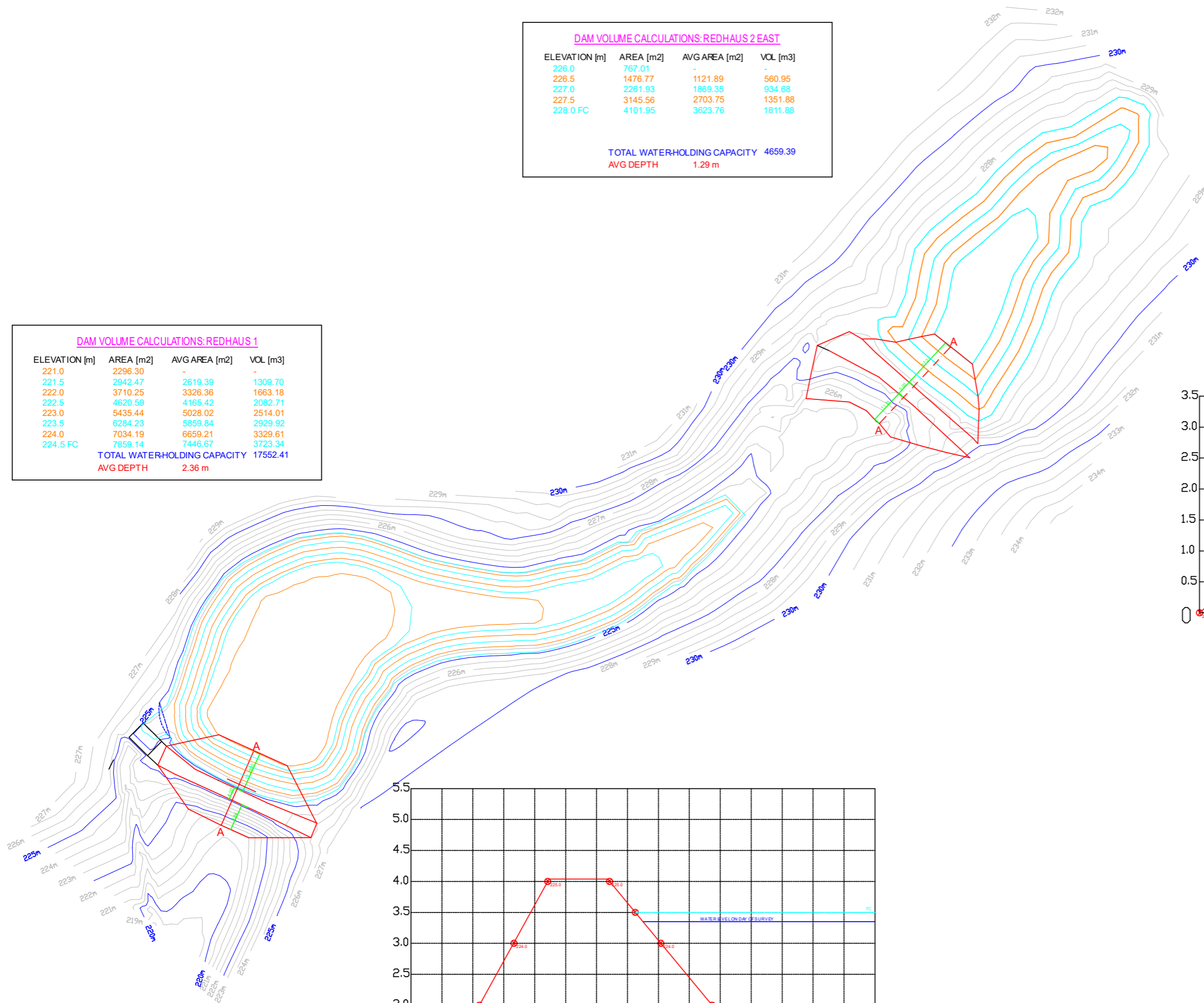


**DAM VOLUME CALCULATIONS: REDHAUS 2 EAST**

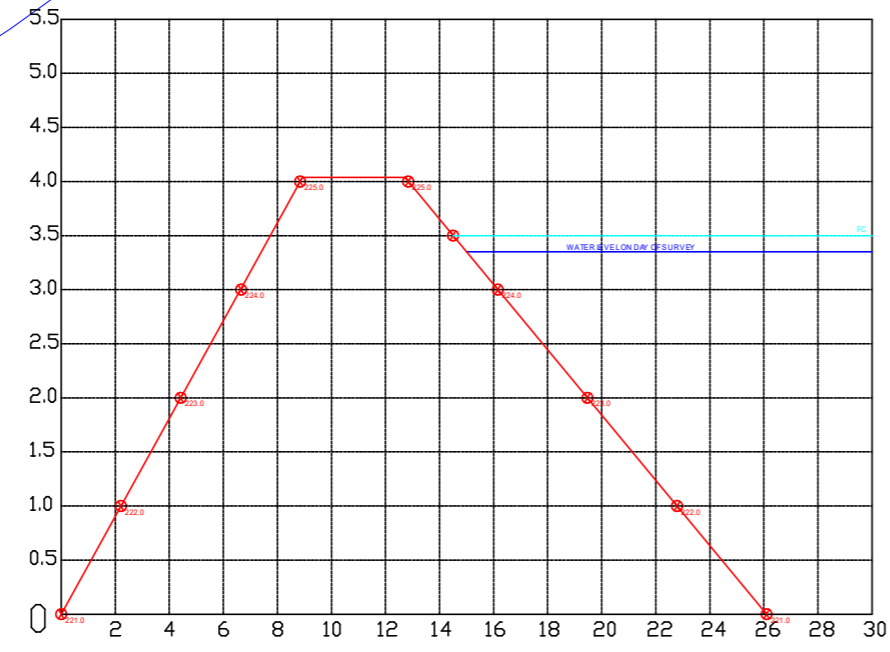
ELEVATION [m]	AREA [m <sup>2</sup> ]	AVG AREA [m <sup>2</sup> ]	VOL [m <sup>3</sup> ]
226.0	767.01	-	-
226.5	1476.77	1121.89	560.95
227.0	2261.93	1869.35	934.68
227.5	3145.56	2703.75	1351.88
228.0 FC	4101.95	3623.76	1811.88
<b>TOTAL WATERHOLDING CAPACITY</b>			<b>4659.39</b>
<b>AVG DEPTH</b>			<b>1.29 m</b>

**DAM VOLUME CALCULATIONS: REDHAUS 1**

ELEVATION [m]	AREA [m <sup>2</sup> ]	AVG AREA [m <sup>2</sup> ]	VOL [m <sup>3</sup> ]
221.0	2296.30	-	-
221.5	2942.47	2619.39	1309.70
222.0	3710.25	3326.36	1663.18
222.5	4620.59	4165.42	2082.71
223.0	5435.44	5028.02	2514.01
223.5	6284.23	5859.84	2929.92
224.0	7034.19	6659.21	3329.61
224.5 FC	7859.14	7446.67	3723.34
<b>TOTAL WATERHOLDING CAPACITY</b>			<b>17552.41</b>
<b>AVG DEPTH</b>			<b>2.36 m</b>



**ASSUME 2:3 WALL SLOPE**



**ASSUME 2:3 WALL SLOPE**