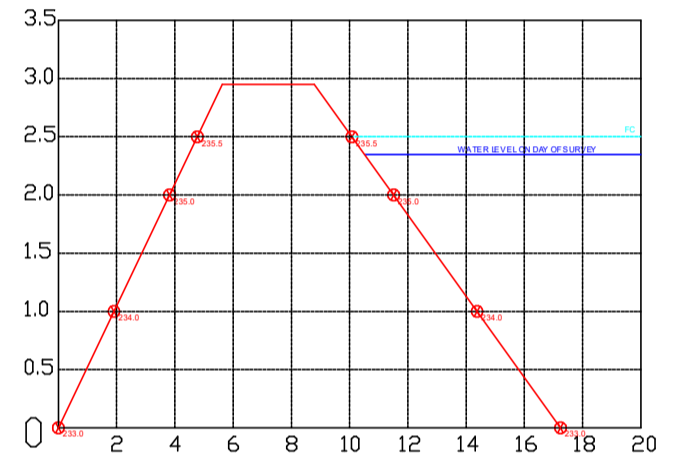
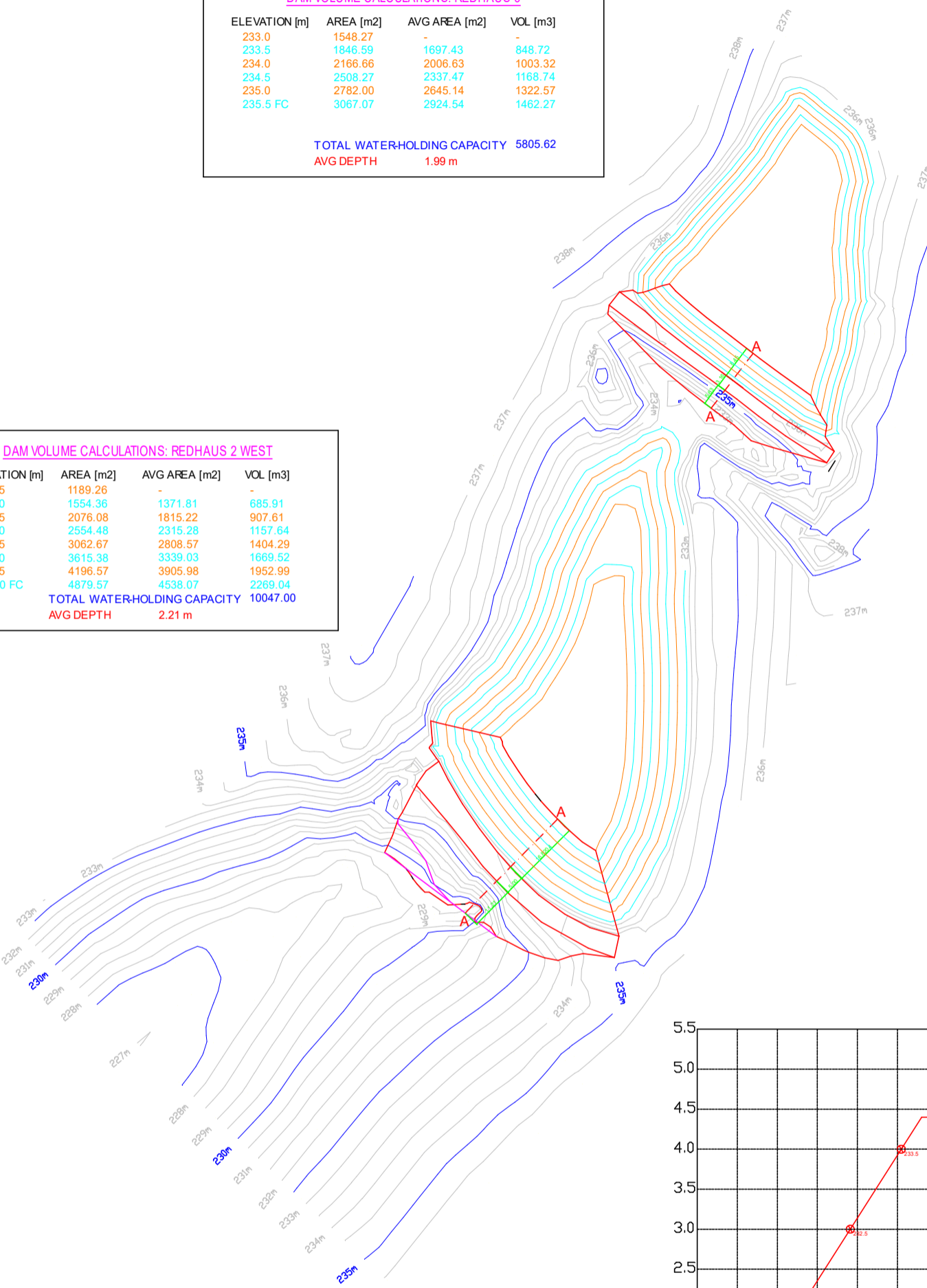


DAM VOLUME CALCULATIONS: REDHAUS 3

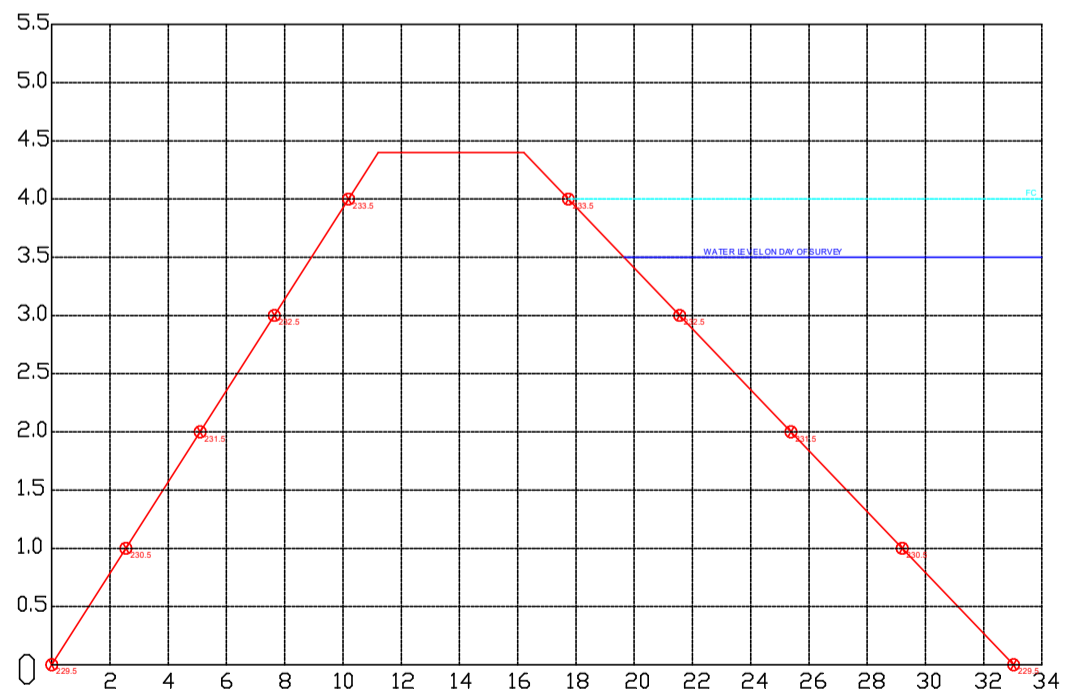
ELEVATION [m]	AREA [m ²]	AVG AREA [m ²]	VOL [m ³]
233.0	1548.27	-	-
233.5	1846.59	1697.43	848.72
234.0	2166.66	2006.63	1003.32
234.5	2508.27	2337.47	1168.74
235.0	2782.00	2645.14	1322.57
235.5 FC	3067.07	2924.54	1462.27
TOTAL WATER-HOLDING CAPACITY			5805.62
AVG DEPTH			1.99 m

DAM VOLUME CALCULATIONS: REDHAUS 2 WEST

ELEVATION [m]	AREA [m ²]	AVG AREA [m ²]	VOL [m ³]
229.5	1189.26	-	-
230.0	1554.36	1371.81	685.91
230.5	2076.08	1815.22	907.61
231.0	2554.48	2315.28	1157.64
231.5	3062.67	2808.57	1404.29
232.0	3615.38	3339.03	1669.52
232.5	4196.57	3905.98	1952.99
233.0 FC	4879.57	4538.07	2269.04
TOTAL WATER-HOLDING CAPACITY			10047.00
AVG DEPTH			2.21 m



ASSUME 2:3 WALL SLOPE



ASSUME 2:3 WALL SLOPE