

Stormwater MHFD Calculation comments.pdf Markup Summary

SW - Textbox (1)

Subject: SW - Textbox
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See comments on calculations in drainage report

STORAGE TABLE BUILDER
ver 4.07 (June 2017)

See comments on calculations in drainage report

Storage Depth (ft)	Storage Volume (cu ft)	Storage Area (sq ft)	Storage Volume (cu ft)	Storage Area (sq ft)	Storage Volume (cu ft)	Storage Area (sq ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.25	1.00	4.00	1.00	4.00	1.00	4.00
0.50	4.00	16.00	4.00	16.00	4.00	16.00
0.75	9.00	36.00	9.00	36.00	9.00	36.00
1.00	16.00	64.00	16.00	64.00	16.00	64.00
1.25	25.00	100.00	25.00	100.00	25.00	100.00
1.50	36.00	144.00	36.00	144.00	36.00	144.00
1.75	49.00	196.00	49.00	196.00	49.00	196.00
2.00	64.00	256.00	64.00	256.00	64.00	256.00
2.25	81.00	324.00	81.00	324.00	81.00	324.00
2.50	100.00	400.00	100.00	400.00	100.00	400.00
2.75	121.00	484.00	121.00	484.00	121.00	484.00
3.00	144.00	576.00	144.00	576.00	144.00	576.00
3.25	169.00	676.00	169.00	676.00	169.00	676.00
3.50	196.00	784.00	196.00	784.00	196.00	784.00
3.75	225.00	900.00	225.00	900.00	225.00	900.00
4.00	256.00	1024.00	256.00	1024.00	256.00	1024.00

TAIT Response:

The CUHP values are being used on the MHFD Detention calculations instead of being overridden using rational. Updates have been made to the orifice plate in order to meet requirements. The slope has been changed to 4:1 matching other documents.