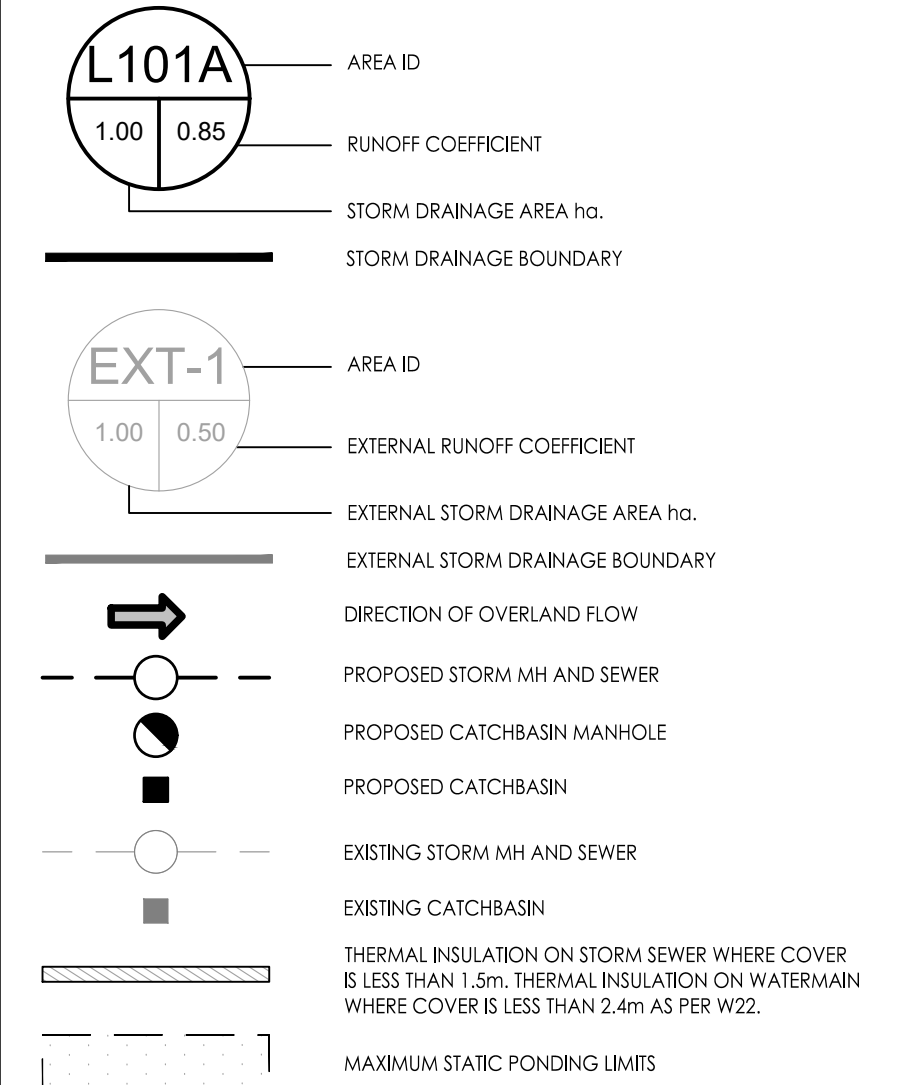




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Legend



Notes

Revision	By	Appd.	YY.MM.DD	
5	REVISED AS PER CITY COMMENTS	MJS	NC	23.03.23
4	REVISED AS PER CITY COMMENTS	MJS	NC	22.12.22
3	REVISED AS PER CITY COMMENTS	MJS	NC	22.10.27
2	REVISED AS PER CITY COMMENTS	MJS	NC	22.08.03
1	ISSUED FOR GEOTECH REVIEW	MJS	DT	22.07.11
0	ISSUED FOR SPA	MJS	DT	22.03.28

File Name:	MJS	PM	MJS	22.02.14
160401727 DB.dwg	Dwn.	Chkd.	Dagn.	YY.MM.DD

Permit-Seal

Client/Project
BAYVIEW STITTSVILLE INC.

THE LANDING ON MAIN
1364-1370 STITTSVILLE MAIN STREET
STITTSVILLE, ON, CANADA

Title
STORM DRAINAGE PLAN

Project No.	Scale	0	2.5	7.5	12.5m
160401727	1:250				
Drawing No.	Sheet	Revision			
SD-2	7 of 8	5			



SCHEDULE OF ROOF RELEASE RATES

DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100'YR HEAD (m)	100'YR RELEASE RATE (L/S)	100'YR PONDING VOLUME (m³)
WATTS ACCURFLOW (25% OPEN)	R101A	5	0.15	6.24	68
WATTS ACCURFLOW (25% OPEN)	R101B	1	0.13	0.89	3
WATTS ACCURFLOW (25% OPEN)	R101C	1	0.13	0.89	3
WATTS ACCURFLOW (25% OPEN)	R101D	1	0.04	0.48	0.01

ICD TABLE

CATCHBASIN / MANHOLE ID	TRIBUTARY AREA ID	ICD TYPE	2YR HEAD (m)	100'YR HEAD (m)	2YR FLOW (L/S)	100'YR FLOW (L/S)
MH 101A	L102B	95mm ORIFICE	0.72	1.58	10.09	20.19
CB 102B	L102B	83mm ORIFICE	0.77	1.47	12.27	17.14
CB 102C	L102C / EXT-2	150mm ORIFICE	0.10	0.82	6.30	24.89
CB 102D	L102D / EXT-1	90mm ORIFICE	0.21	1.24	6.50	18.27
CB 103A	L103A	VORTEX LMF 80	1.05	1.41	5.84	6.77
CB 103B	L103B	VORTEX LMF 80	1.52	1.43	7.04	7.28
CB 103C	L103C	150mm ORIFICE	0.0	0.81	0.0	7.86

*NOTE: HEAD VALUES DO NOT INCLUDE DOWNSTREAM TAIL WATER EFFECTS.

Allison Hamlin
ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

APPROVED
By Allison Hamlin at 12:51 pm, Apr 28, 2023

