

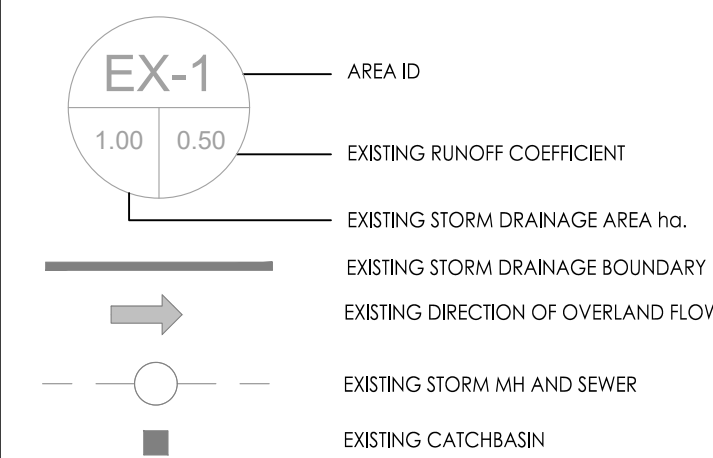


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Legend



Notes

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

Revision By Appd. YY.MM.DD

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

Permit-Seal

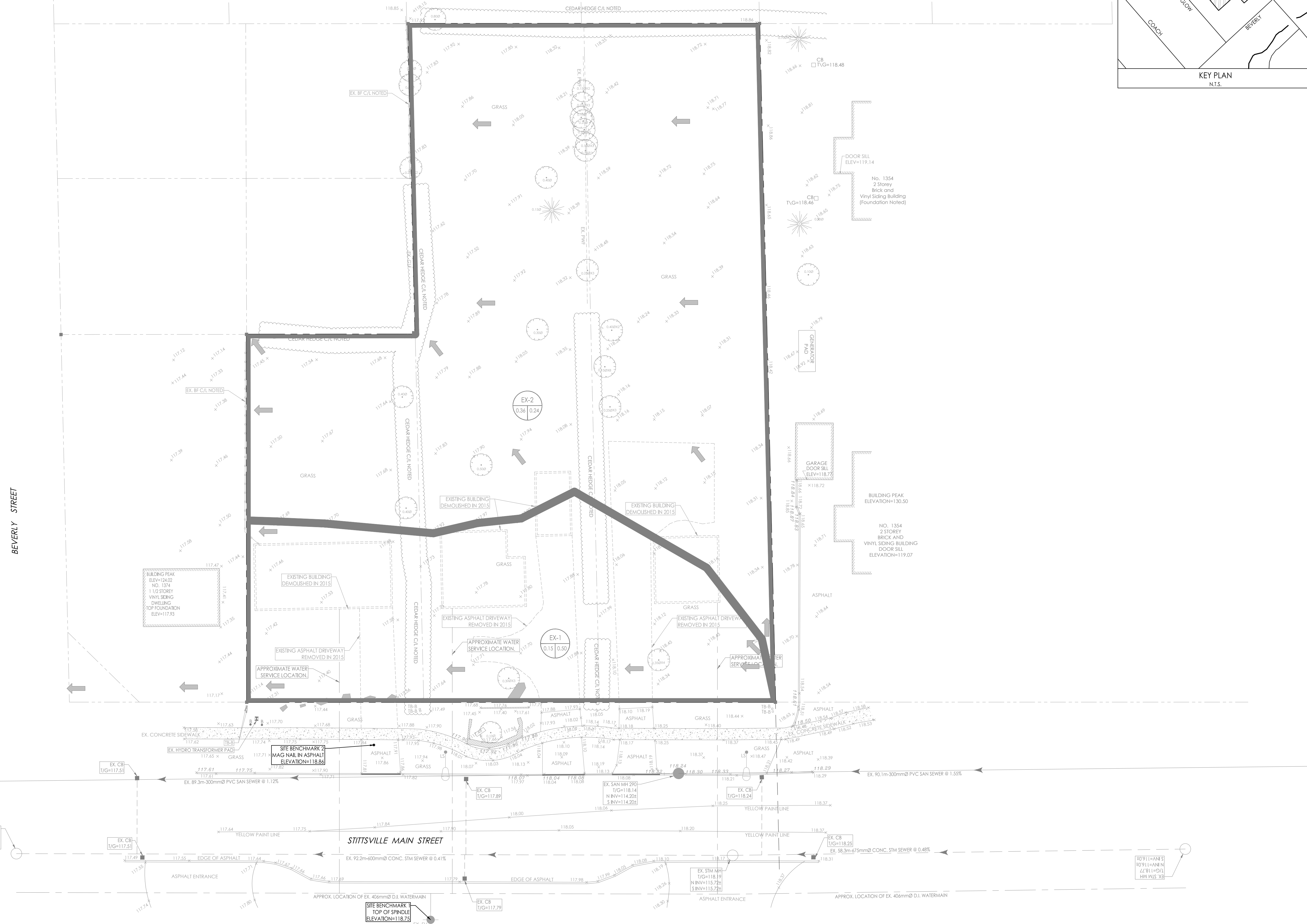
Client/Project
BAYVIEW STITTSVILLE INC.

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

Title
PRE-DEVELOPMENT
EXISTING STORM DRAINAGE PLAN

Project No.	Scale	0	2.5	7.5	12.5m
160401727	1:250				

Drawing No.	Sheet	Revision
SD-1	6 of 8	2

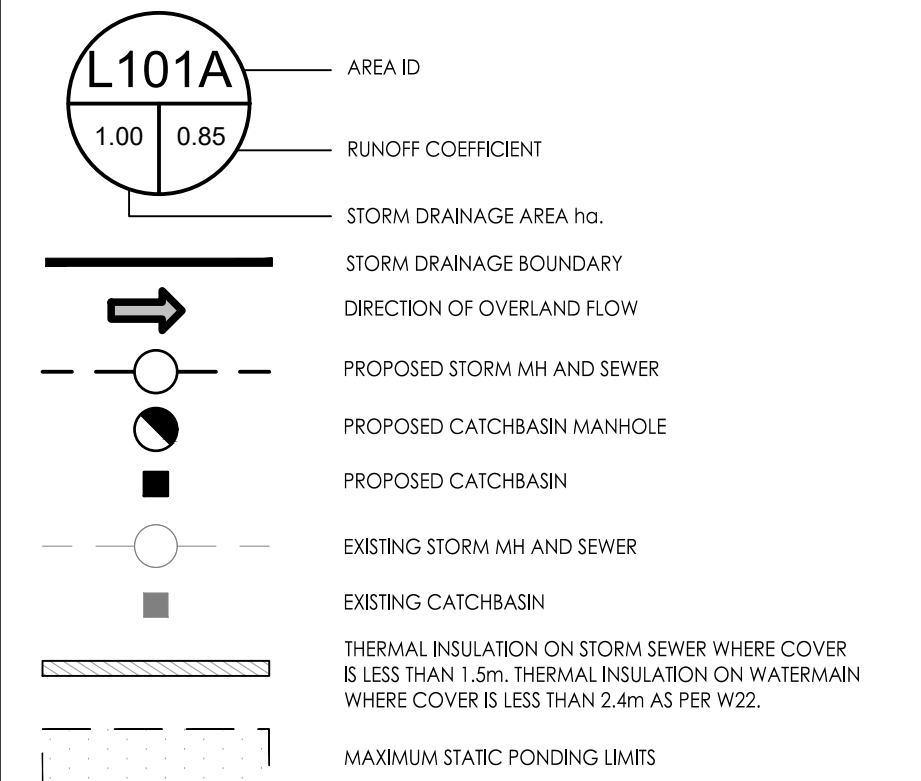




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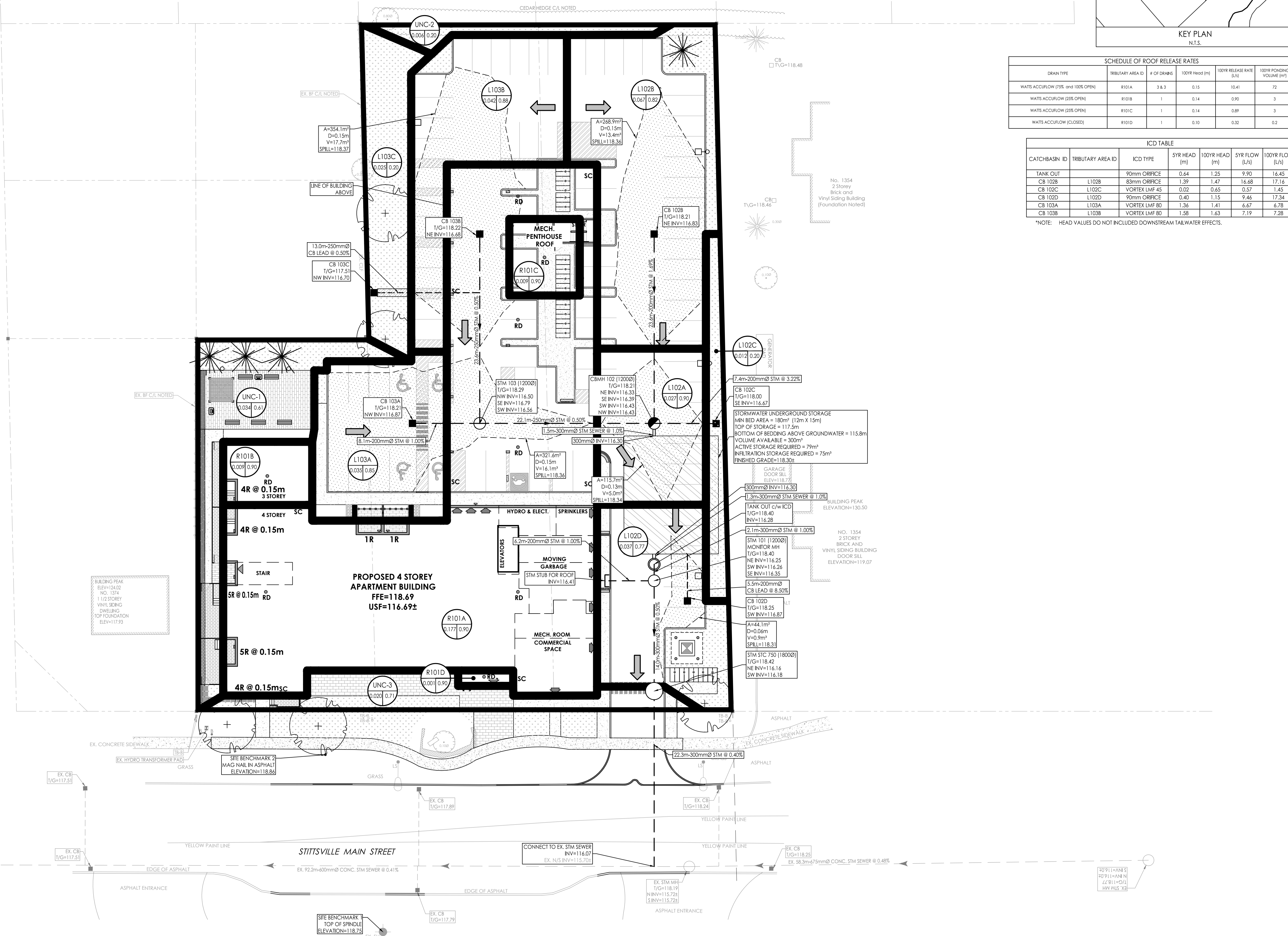
Legend



SCHEDULE OF ROOF RELEASE RATES					
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/S)	100YR PONDING VOLUME (m³)
WATTS ACC/FLOW (25% and 100% OPEN)	R101A	3 & 3	0.15	10.41	72
WATTS ACC/FLOW (25% OPEN)	R101B	1	0.14	0.90	3
WATTS ACC/FLOW (25% OPEN)	R101C	1	0.14	0.89	3
WATTS ACC/FLOW (CLOSED)	R101D	1	0.10	0.32	0.2

ICD TABLE						
CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	5YR HEAD (m)	100YR HEAD (m)	5YR FLOW (L/S)	100YR FLOW (L/S)
TANK OUT		90mm ORIFICE	0.64	1.25	9.90	16.45
CB 102B	L102B	83mm ORIFICE	1.39	1.47	16.68	17.16
CB 102C	L102C	VORTEX LMF 45	0.02	0.65	0.57	1.45
CB 102D	L102D	90mm ORIFICE	0.40	1.15	9.46	17.34
CB 103A	L103A	VORTEX LMF 80	1.36	1.41	6.67	6.78
CB 103B	L103B	VORTEX LMF 80	1.58	1.43	7.19	7.28

*NOTE: HEAD VALUES DO NOT INCLUDE DOWNSTREAM TAILWATER EFFECTS.



Notes

Revision	By	Appd.	YY.MM.DD
2	MJS	NC	22.08.03
1	MJS	DT	22.07.11
0	MJS	DT	22.03.28

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Permit-Seal

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BAYVIEW STITTVILLE INC.

THE LANDING ON MAIN
1364-1370 STITTVILLE MAIN STREET
STITTVILLE, 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	2			