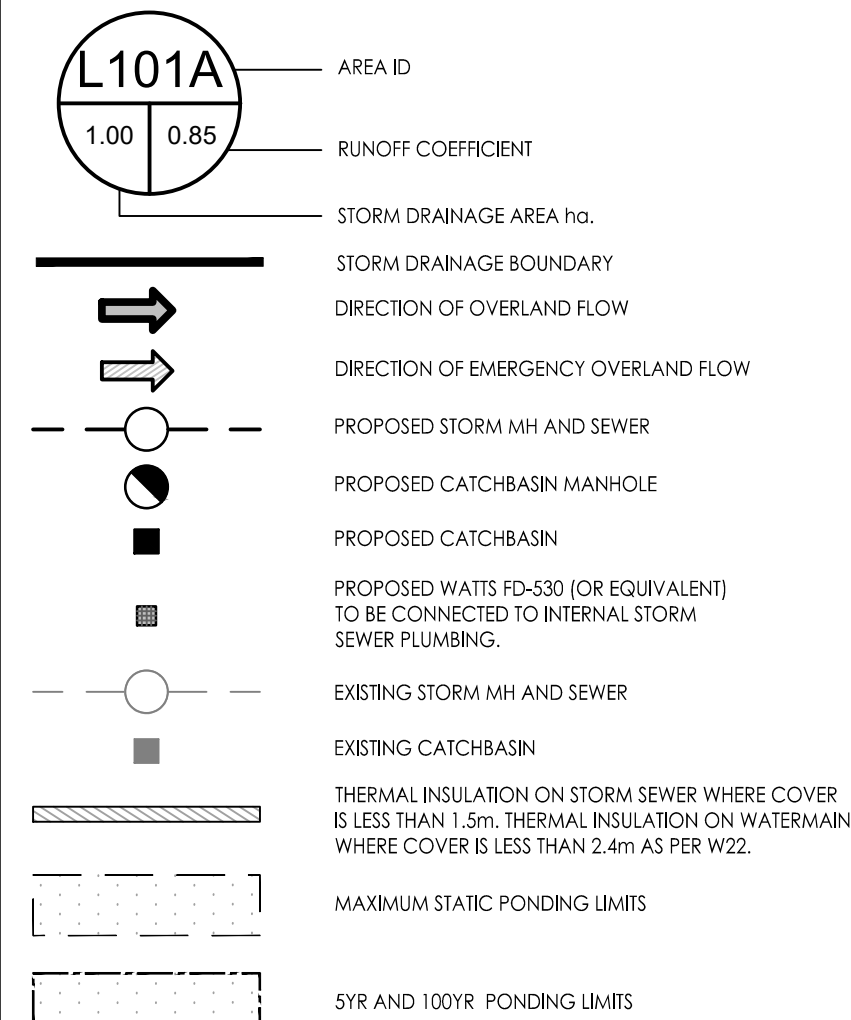


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Legend



Notes

- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- THE INTERNAL PLUMBING IN BUILDING A TO ACCOMMODATE THE INDEPENDENT CONNECTIONS OF BUILDING B TO THE SANITARY, WATER AND STORM SERVICE STUBS AT BUILDING A.
- STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A CISTERN IN EACH BUILDING. CISTERN TO BE LOCATED IN THE ASSOCIATED UNDERGROUND PARKING.
 - BUILDING 1 CISTERN A = 40.0m³ AND RELEASE RATE 20L/s PUMP RATE
 - BUILDING 2 CISTERN B = 40.0m³ AND RELEASE RATE 15L/s PUMP RATE
 - TOTAL PERMITTED RELEASE RATE FROM SITE = 72.0 L/S
 - TOTAL POST DEVELOPMENT RELEASE RATE FROM SITE= 68.9 L/S (100 YR)

Revision	By	Appd.	YY.MM.DD	
2	ISSUED FOR SPA	JP	DT	22.11.29
1	ISSUED FOR SPA	JP	DT	22.05.25
0	ISSUED FOR SPA	MJS	DT	21.11.22

File Name:	MJS	DT	MJS	21.09.22
160401672.DB	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project
WESTRICH PACIFIC CORP.

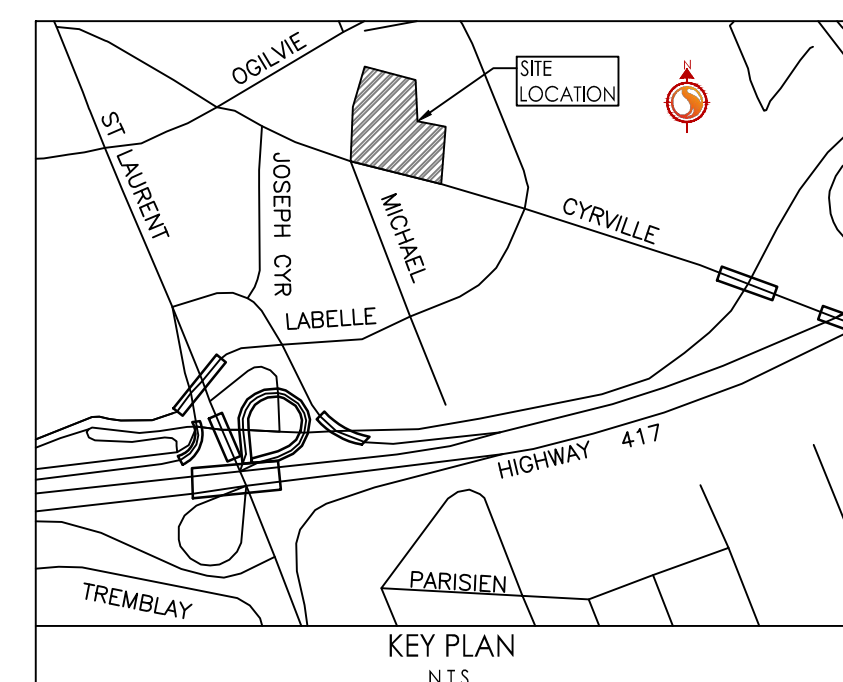
MULTI-FAMILY RESIDENTIAL DEVELOPMENT
1125-1149 CYRVILLE ROAD
OTTAWA, ON, CANADA

Title
STORM DRAINAGE AREA PLAN

Project No. 160401672 Scale 1:250

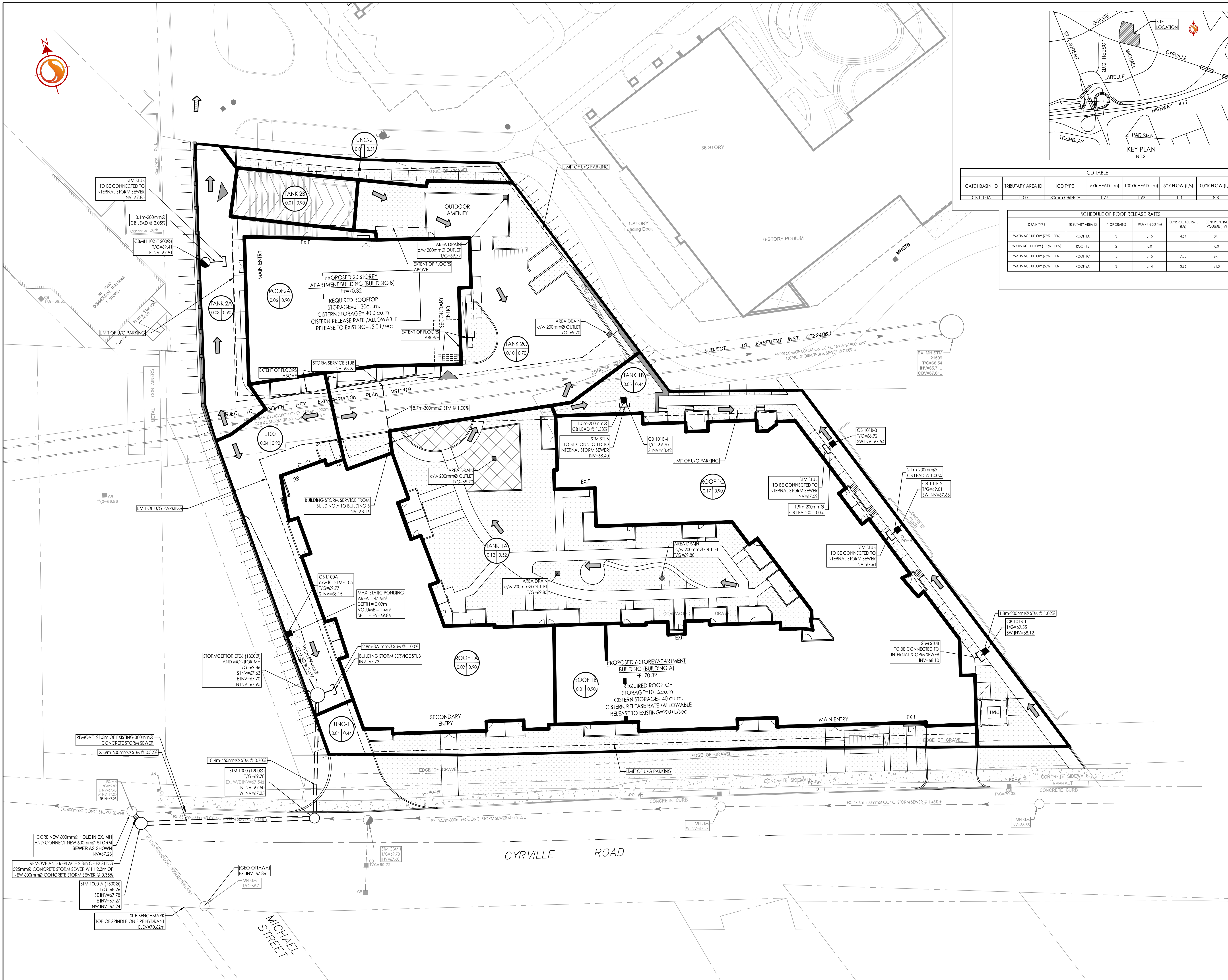
Drawing No. SD-1 Sheet 6 of 7 Revision 2

DWG# 18599



CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	SYR HEAD (m)	100YR HEAD (m)	SYR FLOW (L/s)	100YR FLOW (L/s)
CB L100A	L100	80mm ORIFICE	1.77	1.92	11.3	18.8

SCHEDULE OF ROOF RELEASE RATES						
DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/s)	100YR PONDING VOLUME (m ³)	
WATS ACCUFLOW (PSE OPEN)	ROOF 1A	3	0.15	4.64	34.1	
WATS ACCUFLOW (100% OPEN)	ROOF 1B	2	0.0	0.0	0.0	
WATS ACCUFLOW (PSE OPEN)	ROOF 1C	5	0.15	7.85	67.1	
WATS ACCUFLOW (PSE OPEN)	ROOF 2A	3	0.14	3.66	21.3	



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