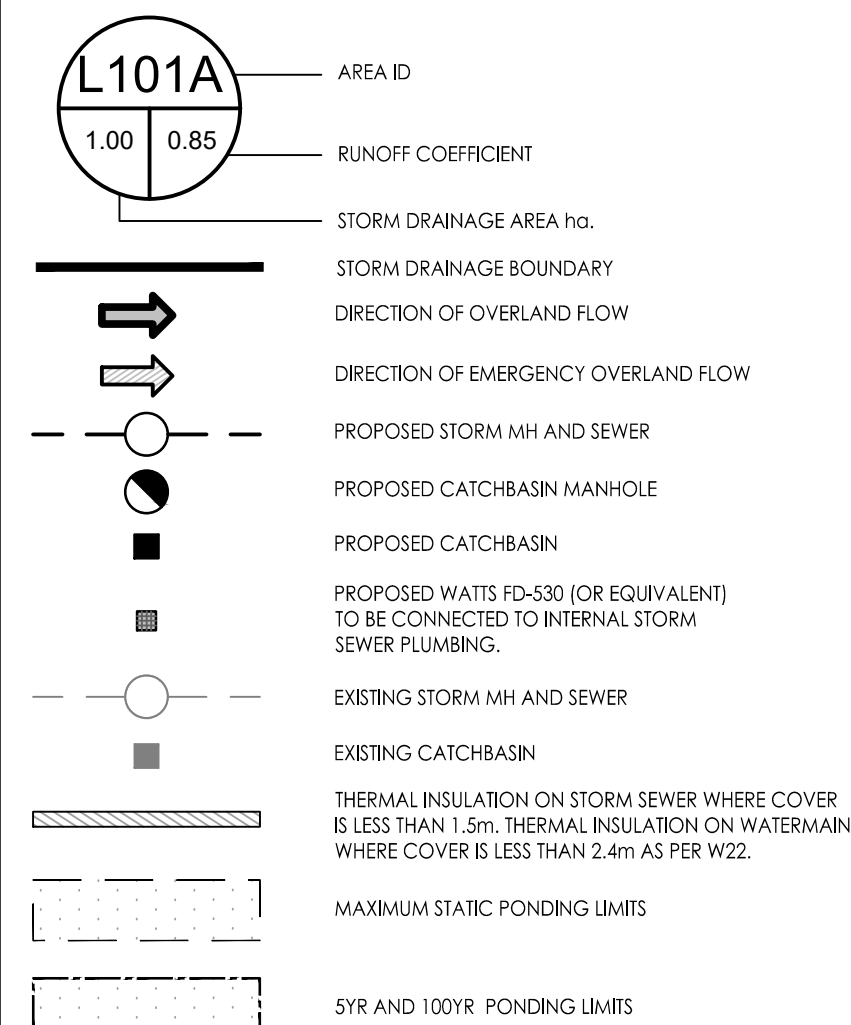


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Legend



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 = 45.0m³ AND RELEASE RATE 32L/s PUMP RATE
 - BUILDING 2 CISTERN B = 40.0m³ AND RELEASE RATE 10L/s PUMP RATE
 - TOTAL PERMITTED RELEASE RATE FROM SITE = 72.6 L/S
 - TOTAL POST DEVELOPMENT RELEASE RATE FROM SITE = 72.3 L/S (100 YR)

Revision	By	Appd.	YY.MM.DD
3	JP	DT	23.02.27
2	JP	DT	22.11.29
1	JP	DT	22.05.25
0	MJS	DT	21.11.22

Revision

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

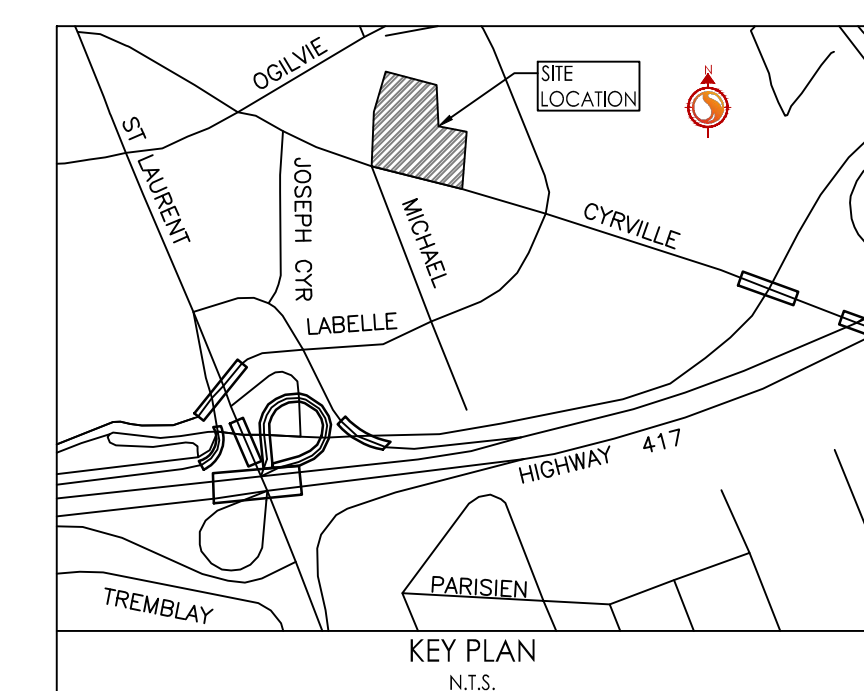
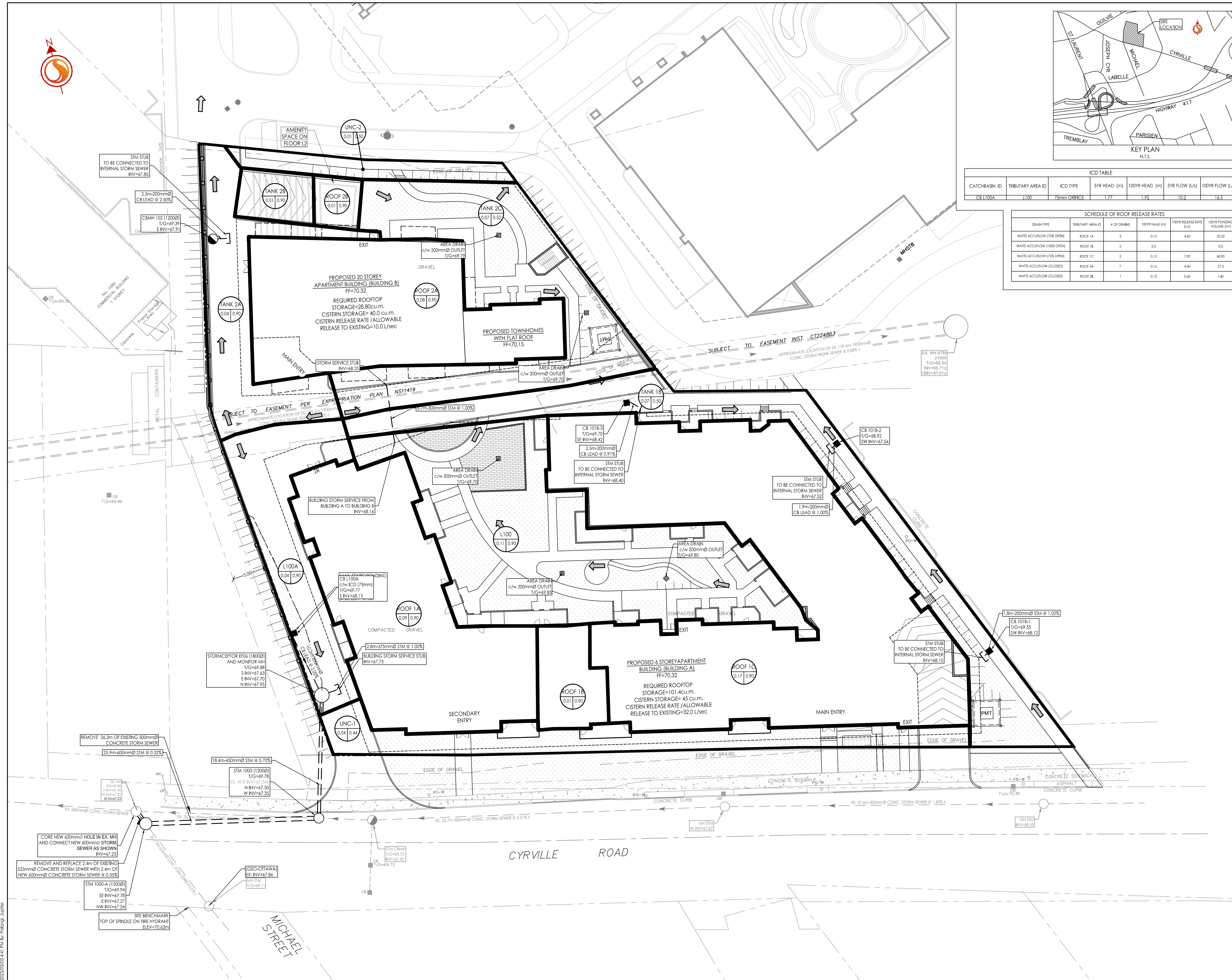
Permit-Seal

Client/Project
WESTRICH PACIFIC CORP.

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

Title
STORM DRAINAGE AREA PLAN

Project No.	Scale	0	2.5	7.5	12.5m
160401672	1:250				
Drawing No.	Sheet	Revision			
SD-1	6 of 7	3			



ICD TABLE

CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	5YR HEAD (m)	100YR HEAD (m)	5YR FLOW (L/s)	100YR FLOW (L/s)
CB L100A	L100	75mm ORIFICE	1.77	1.92	10.2	16.5

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)
WATTS ACCUMULOW (PSE OPEN)	ROOF 1A	3	0.15	4.60	32.50
WATTS ACCUMULOW (100% OPEN)	ROOF 1B	2	0.0	0.0	0.0
WATTS ACCUMULOW (PSE OPEN)	ROOF 1C	5	0.15	7.90	68.90
WATTS ACCUMULOW (CLOSED)	ROOF 2A	7	0.15	4.40	27.4
WATTS ACCUMULOW (CLOSED)	ROOF 2B	1	0.15	0.60	1.40

2025/03/04 14:41:07 Design drawing 160401672.DWG
 2025/03/04 14:41:07 P166 - Design - 1/250