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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA no.
- STORM DRAINAGE BOUNDARY
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED STORMCEPTOR
- PROPOSED CATCHBASIN
- EXISTING CATCHBASIN
- EXISTING STORM SEWER
- APPROXIMATE LOCATION OF PROPOSED SCUPPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- APPROXIMATE LOCATION OF PROPOSED ROOF DRAIN. REFER TO ARCHITECTURAL PLANS FOR DETAILS.

Notes

- REQUIRED CISTERN VOLUME 9.0m³

5	REVISED AS PER CITY COMMENTS	WAJ	KJK	23.02.13
4	REVISED AS PER CITY COMMENTS	WAJ	KJK	22.07.28
3	REVISED AS PER CITY COMMENTS	MJS	DT	22.03.07
2	ISSUED TO ARCHITECTURE FOR COORDINATION	MJS	KJK	22.02.03
1	ISSUED FOR REVIEW	WAJ	KJK	21.06.18
Revision		By	Appd.	YY.MM.DD

File Name:	160401667-D8.dwg	WAJ	KJK	WAJ	21.04.22
		Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

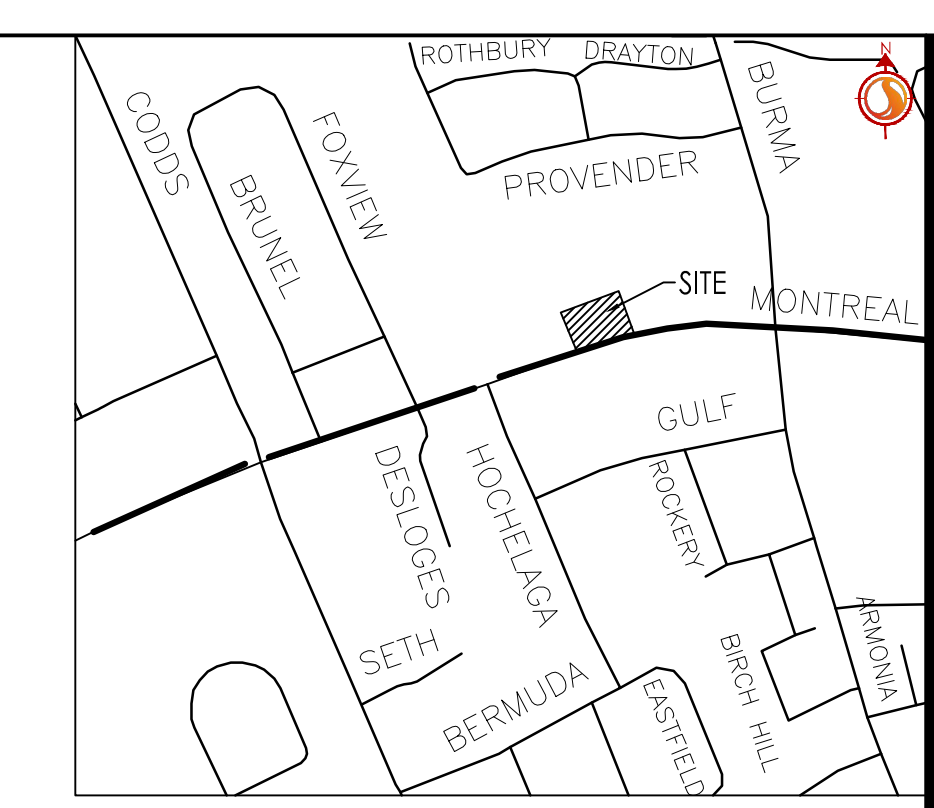
Client/Project
12318407 CANADA INC.

971 MONTREAL ROAD

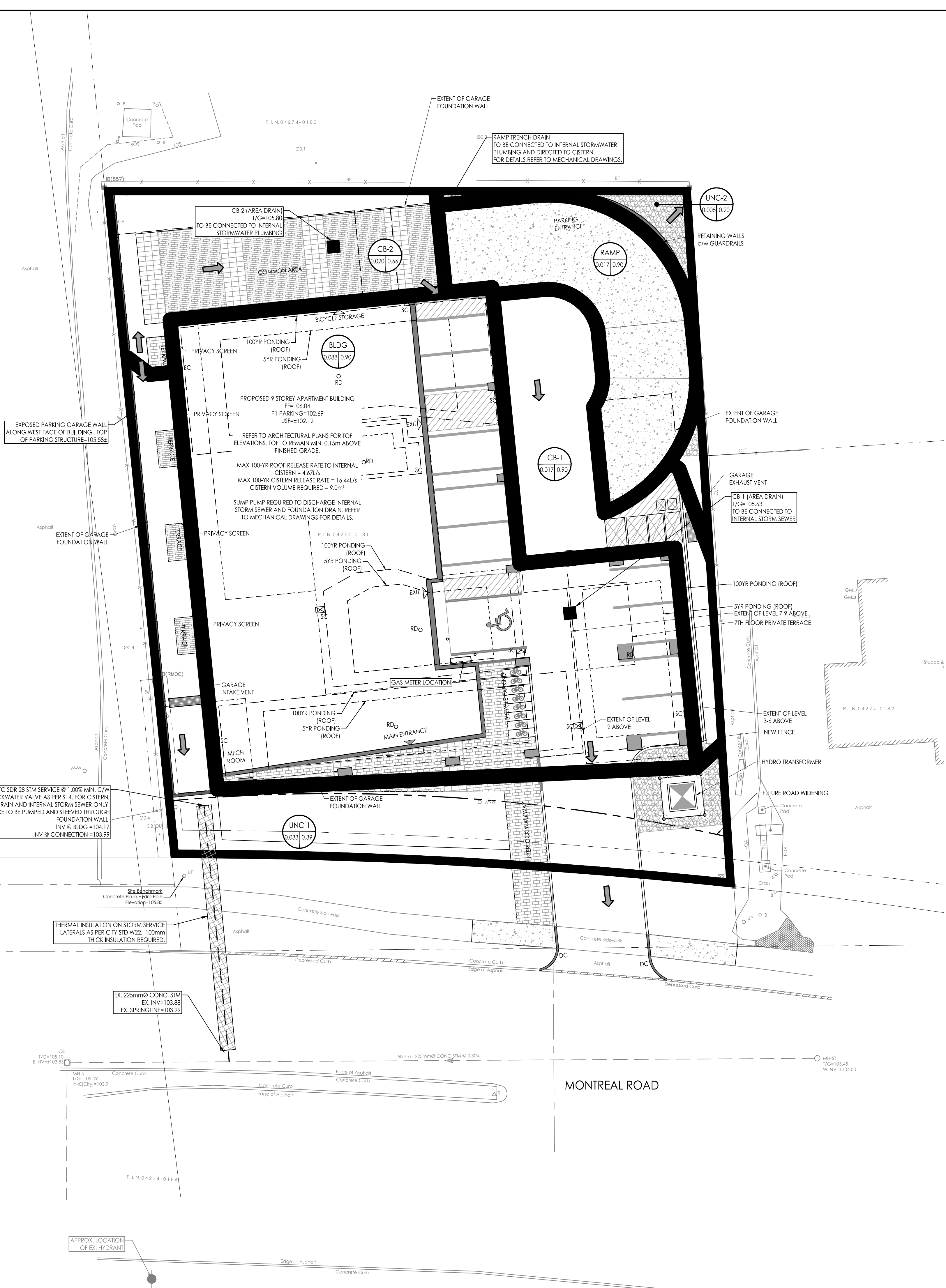
OTTAWA, ON

Title
STORM DRAINAGE PLAN

Project No.	160401667	Scale	0 1.5 4.5 7.5m 1:150
Drawing No.	SD-1	Sheet	5 of 5
		Revision	5 18536



DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	5YR HEAD (m)	100 YEAR HEAD (m)	5YR RELEASE RATE (L/s)	100 YEAR RELEASE RATE (L/s)
BLDG	WATTS ADJUSTABLE ACCUTROL (25% OPEN)	5	0.109	0.146	4.09	4.67



17.5m-200mmØ PVC SDR 28 STM SERVICE @ 1.00% MIN. C/W FULL PORT BACKWATER VALVE AS PER S14. FOR CISTERN FOUNDATION DRAIN AND INTERNAL STORM SEWER ONLY. SERVICE TO BE PUMPED AND SLEEVED THROUGH FOUNDATION WALL. INV @ BLDG = 104.17. INV @ CONNECTION = 103.99

THERMAL INSULATION ON STORM SERVICE LATERALS AS PER CITY STD W/225 100mm THICK INSULATION REQUIRED

EX. 225mmØ CONC. STM
EX. INV.=103.88
EX. SPRINGLINE=103.99

APPROX. LOCATION OF EX. HYDRANT