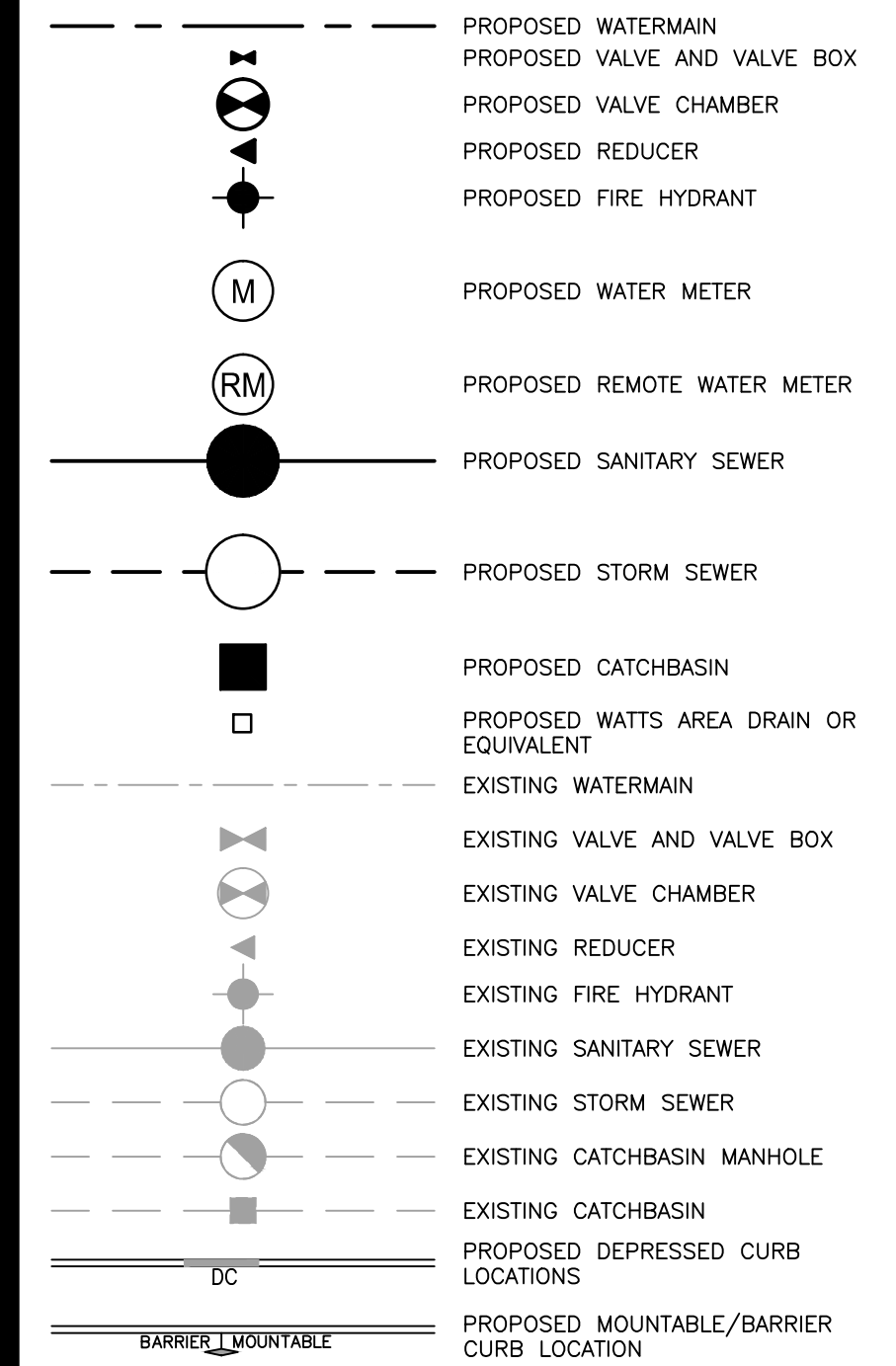


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Legend



Notes

- PROPOSED BUILDING TO BE EQUIPPED WITH SUMP PUMP AND BACKWATER VALVE AT STORM CONNECTION TO CLARENCE STREET.
- MAXIMUM STORM RELEASE RATE AND UNDERGROUND CISTERN STORAGE REQUIREMENTS TO BE COORDINATED WITH MECHANICAL ENGINEER.
- AS RECOMMENDED IN THE GEOTECHNICAL INVESTIGATION, A TRENCH DRAIN SYSTEM IS TO BE INSTALLED AS A PRECAUTIONARY MEASURE, AROUND THE EXTERIOR PERIMETER WALLS AND BENEATH THE DEEPEST BASEMENT FLOOR SLAB. THE DRAIN SYSTEM SHOULD BE PROVIDED WITH SUFFICIENT CLEAN-OUTS TO PERMIT MAINTENANCE WHEN REQUIRED AND SHOULD ALSO BE CONNECTED TO A SUITABLE SUMP PIT(S) FOR MECHANICAL EVACUATION.
- UNDERGROUND PARKING DRAINAGE TO BE CONNECTED TO SANITARY SEWER SERVICE.

Revision	By	Appd.	YY.MM.DD
2	MJS	KJK	16.09.21
1	MJS	KJK	16.04.04
0	MJS	KJK	15.08.26

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2	MJS	KJK	16.09.21
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File Name	MJS	KJK	MJS	15.02.10
160401149-D8.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit/Seal	MJS	KJK	MJS	15.02.10
160401149-D8.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Client/Project
CLAUDE LAUZON GROUP LTD.

275 KING EDWARD AVENUE

Ottawa, ON

Title

SITE SERVICING PLAN

Project No.	Scale	Sheet	Revision
160401149	1:150	1	1

Drawing No. 160401149-01
Scale 1:150
Sheet 1 of 7
Revision 1

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	COMMENTS
▲	54.77(54.69)	55.15(55.23)	53.85(53.78)	54.15(54.22)	55.88	55.73	WATER SERVICE CROSSING STORM SEWER
▲	54.89	55.09	53.85(53.78)	54.15(54.22)	55.47	55.32	WATER SERVICE CROSSING SANITARY SEWER

▲ BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS
● DEPTH OF WATER ASSUMED TO BE 2.1m ON CLARENCE AVENUE.

STATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000	58.004	55.924	150mm x 150mm TEE CONNECTION TO EXISTING WM
0+002.4	58.004	55.88	WATER SERVICE CROSSING STORM C/W INSULATION
0+007.1	57.874	55.470	WATER SERVICE CROSSING SANITARY
0+009.9	58.03	55.630	150mm VALVE AND BOX
0+011.4	58.04	55.640	CAP AND THRUST BLOCK

AREA ID	AREA(ha)	HEAD (m)	Release (L/s)	Volume (m³)
BLDG 1	0.054	0.13	6.1	16.7
BLDG 2	0.015	0.13	1.9	2.9
BLDG 3	0.002	0.08	1.2	0.2
BLDG 4	0.009	0.11	1.8	1.6
BLDG 5	0.004	0.09	1.4	0.4

NOTE: STANDARD ZURN MODEL Z-105-5 CONTROL-FLO SINGLE NOTCH OF DRAINS OR APPROVED EQUIVALENT.

