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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED WS CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING REDUCER
- EXISTING FIRE HYDRANT
- EXISTING COMBINED SEWER
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER S35.
- WATER METER
- REMOTE WATER METER

Notes

- TRENCH DRAIN TO U/G PARKING TO BE CONNECTED TO INTERNAL PLUMBING AND DIRECTED TO THE STORM SERVICE DOWNSTREAM OF THE BUILDING CISTERN.
- FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
- THE LOCATION AND ELEVATION OF SEWERS, WATERMAIN AND UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION AND ELEVATIONS SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION AND ELEVATION OF SEWERS, WATERMANS AND UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS. ANY DISCREPANCY WITH THE INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION. INTERNAL PLUMBING TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 20m³ CISTERN LOCATED IN THE UNDERGROUND PARKING.
- CISTERN IS TO BE MECHANICALLY PUMPED. MAX. CISTERN RELEASE RATE TO STORM SEWER = 3.0L/s
- FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
- USE TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

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Permit-Seal

Client/Project

1146 SNOW STREET INC.
5669 POWER ROAD

1146 SNOW STREET
4 STOREY 43 UNIT APARTMENT BUILDING
OTTAWA, ON

Title

SITE SERVICING PLAN

Project No.
160402005

Drawing No.

Scale
1:200

Sheet

Revision

SP-1

3 of 9

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PLAN # XXXXX

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 ACCUFLOW (50% OPEN)	R102A	3	0.15	3.7	24.9
WATTS ACCUFLOW (CLOSED)	R102B	8	0.13	2.5	6.7

ICD TABLE					
CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	5YR HEAD (m)	100YR HEAD (m)	5YR FLOW (L/s)
CB 500	C500A	LMP 40	1.38	1.38	1.59

SEWER AND WATER CROSSING TABLE							COMMENTS
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	
▲	72.06	72.26	70.74	70.94	71.52±	71.37±	CB LEAD CROSSING WATERMAIN
▲	70.58	70.78	70.74	70.94	71.60±	71.45±	STORM AND SANITARY CROSSING WATERMAIN

