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Legend

The legend defines symbols for stormwater management features. It includes two circular catchment area diagrams: one for 'L101A' with runoff coefficients of 1.000 and 0.85, and another for 'EXT-1' with coefficients of 1.000 and 0.50. Below these are symbols for flow direction (a thick arrow), proposed storm MH and sewer (a circle on a dashed line), proposed catchbasin manhole (a solid black circle), proposed catchbasin (a solid black square), proposed C&T and subdrain (a circle on a dashed line), existing storm MH and sewer (a circle on a solid line), existing catchbasin (a solid grey square), existing combined MH and sewer (a solid grey circle on a solid line), thermal insulation on storm sewer where cover is less than 2.0m (a hatched rectangle), maximum static ponding limits (a diagonal hatched rectangle), proposed roof drains (a square with 'RD'), and proposed roof cuppers (a square with 'SC').

L101A AREA ID
1.000 0.85 RUNOFF COEFFICIENT
STORM DRAINAGE AREA No.
STORM DRAINAGE BOUNDARY

EXT-1 AREA ID
1.000 0.50 EXTERNAL RUNOFF COEFFICIENT
EXTERNAL STORM DRAINAGE AREA No.
EXTERNAL STORM DRAINAGE BOUNDARY

DIRECTION OF OVERLAND FLOW

PROPOSED STORM MH AND SEWER

PROPOSED CATCHBASIN MANHOLE

PROPOSED CATCHBASIN

PROPOSED C&T AND SUBDRAIN

EXISTING STORM MH AND SEWER

EXISTING CATCHBASIN

EXISTING COMBINED MH AND SEWER

THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AS PER S35.

MAXIMUM STATIC PONDING LIMITS

■ RD PROPOSED ROOF DRAINS
■ SC PROPOSED ROOF CUPPERS

Notes

1. TRENCH DRAIN TO U/G PARKING TO BE CONNECTED TO INTERNAL PLUMBING AND DIRECTED TO THE STORM SERVICE DOWNSTREAM OF THE BUILDING CISTERN.
2. FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
3. 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, WATERMAINS AND UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS.
4. IF DISCREPANCY WITH THE INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
5. INTERNAL PLUMBING TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
6. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 20m³ CISTERN LOCATED IN THE INTERIOR OF THE BUILDING.
7. CISTERN IS TO BE MECHANICALLY PUMPED, MAX. CISTERN RELEASE RATE TO STORM SEWER = 3.0 L/s
7. FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO EXISTING INTERNAL PLUMBING AND DIRECTED TO THE STORM SERVICE.
8. 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
STORM DRAINAGE PLAN

Project No. 160402005

Scale 0 2 6 10m
1:200

Drawing No. Sheet Revision

SD-1 8 of 9 0
PLAN # XXXXX

