

Stantec

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- AREA ID TO CISTERN 1

- RUNOFF COEFFICIENT

— AREA ID TO CISTERN 2

- RUNOFF COEFFICIENT

STORM DRAINAGE BOUNDARY

STORM DRAINAGE BOUNDARY

- EXTERNAL STORM DRAINAGE AREA ha.

EXTERNAL STORM DRAINAGE BOUNDARY

Legend







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DIRECTION OF OVERLAND FLOW PROPOSED STORM MH AND SEWER PROPOSED CATCHBASIN MANHOLE

PROPOSED CATCHBASIN

EXISTING STORM MH AND SEWER

EXISTING CATCHBASIN EXISTING COMBINED MH AND SEWER THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.

MAXIMUM STATIC PONDING LIMITS

ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS.

STORMWATER MANAGEMENT TO BE PROVIDED THROUGH 2 CISTERNS. ONE CISTERN PER DEVELOPMENT PHASE. PHASE 1 CISTERN = 110.0m³

PHASE 2 CISTERN = 170.0m³

MAX. CISTERN RELEASE RATE TO STORM SEWER PHASE 1 CISTERN RELEASE RATE = 14.3L/s PHASE 2 CISTERN RELEASE RATE = 23.6L/s

2	REVISED AS PER CITY COMMENTS		SLW	DT	24.05.20
1	REVISED AS PER CITY COMMENTS		SLW	DT	24.03.13
0	Issued for spa		SLW	MF	23.05.15
Revision		Ву	Appd.	YY.MM.DD	
File Name: 160401663 DB - 1.dwg MJS		DT	STW	23.02.06	
		Dwn.	Chkd.	Dsgn.	YY.MM.DD
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Permit-Seal

Client/Project BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title

STORM DRAINAGE PLAN

Project No. Scale ₀ 160401663 1:300 Sheet Revision Drawing No. SD-6 of 7