

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.  
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM PONDING LIMITS
- DIRECTION OF EMERGENCY OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED WATTS AREA DRAIN FD-530 (OR EQUIVALENT) REFER TO MECHANICAL PLANS FOR DETAILS.
- PROPOSED SUB DRAIN CATCH BASIN AS PER CITY OF OTTAWA STANDARD DETAIL DRAWINGS L10 AND L11.
- PROPOSED PERFORATED SUBDRAIN
- EXISTING CATCHBASIN MANHOLE
- EXISTING STORM SEWER
- EXISTING CATCHBASIN
- EXISTING SUBDRAIN CATCHBASIN
- 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.

Notes

SCHEDULE OF ROOF RELEASE RATES				
BUILDING	DRAIN TYPE	# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
BLOCK 8	WATTS ACQUFLOW (50% OPEN)	11	0.15	13.80

SCHEDULE OF INLET CONTROL DEVICES					
AREA ID	CATCHBASIN ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)	DEPTH OF PONDING (m)
F1002A	CB1002A	LMF 70	2.00	6.10	0.30
F1002B	STM1002B	LMF 65	2.82	6.09	0.02

SCHEDULE FOR PARKING RAMP TRENCH DRAINS			
BLOCK ID	DRAINAGE AREA ID	100YR RELEASE RATE (L/s)	
RAMP	F1002C	11.91	
PARKING DECK	F1002D	11.9	

- NOTES:  
1. PROPOSED BUILDINGS TO BE EQUIPPED WITH BACKWATER VALVES  
2. PROPOSED TRENCH DRAINS TO BE DESIGNED TO CAPTURE 100 YEAR PEAK FLOWS.

2	REVISED AS PER CITY COMMENTS	MJS	TR	21.09.20
1	REVISED AS PER NEW SITE PLAN AND CITY COMMENTS	MJS	AMP	21.03.24
0	ISSUED FOR SPA	MJS	AMP	19.12.13
Revision		By	Appd.	YY.MM.DD
File Name:	160401331 DB2.dwg	MJS	AMP	MJS
		Dwn.	Chkd.	Dgn.
				YY.MM.DD

Permit-Seal



Client/Project

BRIGIL  
PETRIE'S LANDING II  
  
BLOCK 8  
180 Prestige Circle  
OTTAWA, ON, CANADA

Title

STORM DRAINAGE PLAN

Project No.	Scale	0	2.5	7.5	12.5m
160401331	1:250				
Drawing No.	Sheet	Revision			
SD-1	5 of 6	2			

