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PROPOSED WATERMAIN PROPOSED VALVE AND VALVE BOX PROPOSED VALVE CHAMBER PROPOSED REDUCER PROPOSED FIRE HYDRANT PROPOSED WATER METER PROPOSED REMOTE WATER METER PROPOSED PRESSURE REDUCING VALVE PROPOSED THRUST BLOCK LOCATIONS PROPOSED SANITARY SEWER PROPOSED STORM SEWER PROPOSED CATCHBASIN MANHOLE PROPOSED CATCHBASIN PROPOSED SUBDRAIN CATCHBASIN EXISTING WATERMAIN EXISTING VALVE AND VALVE BOX EXISTING VALVE CHAMBER EXISTING REDUCER EXISTING FIRE HYDRANT **EXISTING SANITARY SEWER** EXISTING STORM SEWER EXISTING CATCHBASIN MANHOLE 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

	SCH	IEDULE OF F	OOF RELEASE F	ATES	
BUILDING	DRAIN TYPE		# DRAINS	100YR Head (m)	100YR RELEASE RATE (L/s)
BLOCK 8	WATTS ACCUFLOW (50% OPEN)	8	0.15	10.02
SCHEDULE F	OR PARKING RAMP TR	RENCH DRAIN	s		
BLOCK ID	DRAINAGE AREA ID	100YR REI RATE (L			
BLOCK 8	F1000A	11.91			

SCHEDULE OF INLET CONTROL DEVICES						
AREA ID	CATCHBASIN ID	CATCHBASIN ID TYPE 100YF		100YR RELEASE RATE (L/s)		
F1001A	CB1001A	90mmø ORIFICE	1.85	23.38		
F1001B	CB1001B	LMF 70	2.00	6.10		
F1004A	CBMH1003	90mmø ORIFICE	1.83	23.25		

1. PROPOSED BUILDINGS TO BE EQUIPPED WITH BACKWATER VALVES

2. PROPOSED TRENCH DRAINS TO BE DESIGNED TO CAPTURE 100 YEAR PEAK FLOWS.

3. STORM MAINTENANCE HOLES LOCATED IN PONDING AREAS SHALL HAVE WATER TIGHT FRAME AND COVERS AS PER CITY STANDARD S24,1 AND S25, (STM MH 1001)

4. MECHANICAL CONSULTANT TO PROVIDED PRESSURE REDUCING VALVE FOR LOWER LEVELS AND BOOSTER PUMP FOR UPPER LEVELS.

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Revision		Ву	Appd.	YY.MM.DD
File Name: 160401331 DB2.dwg	STW	AMP	MJS	19.06.20
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

BRIGIL PETRIE'S LANDING II

BLOCK 6, 7, AND 8 8466 JEANNE D'ARC BOULEVARD OTTAWA, ON, CANADA

SITE SERVICING PLAN

