SEWER AND WATERMAIN CROSSING TABLE						
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM
1	50.92 (50.82)	51.52 (51.62)	50.07	50.27		
2	51.14	51.49	50.26	50.46		

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

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

- 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.
- PROPOSED SITE LIGHTING

Notes

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

SCHEDULE FOR PARKING RAMP TRENCH DRAINS		
BLOCK ID	DRAINAGE AREA ID	100YR RELEASE RATE (L/s)
RAMP	F1002A	11.0
PARKING DECK	F1002B	11.9

SCHEDULE OF INLET CONTROL DEVICES					
AREA ID	CATCHBASIN ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)	DEPTH OF PONDING (m)
F1001A	CB1001A	90mmø ORIFICE	1.53	21.3	0.15
F1001B	CBMH1001	LMF 70	1.95	6.0	0.15

NOTES:

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

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 D82.dwg		MJS	AMP	MJS 19.06.20
		Dwn.	Chkd.	Dsgn. YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
A.M. PAEREZ FERNANDEZ
100105130
2021-03-26
PROVINCE OF ONTARIO

Client/Project

BRIGIL
PETRIE'S LANDING II

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

Title

SITE SERVICING PLAN

Project No.	Scale	
160401331	1:500	0 5 15 25m
Drawing No.	Sheet	Revision
SSP-1	2 of 6	1

D07-12-17-0212

18062

V:\01-404\active\160401331 Petries Landing Block 6-8\design\drawing\Block 8\160401331 D82.dwg
2021/03/19 12:48 PM By: Sharp, Mike

ORIGINAL SHEET - ARCH D