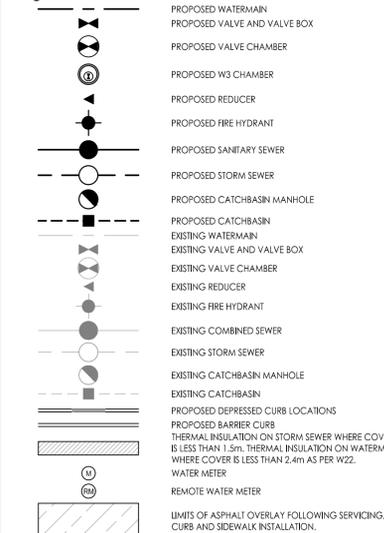


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Legend



Notes

- ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS.
- FINAL METER AND METER LOCATION TO BE CONFIRMED BY MECHANICAL CONSULTANT.
- THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS.
- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
- 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
- BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS 6-STORIES AND HIGHER.
- SUMP PUMP REQUIRED TO DISCHARGE TO INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
- FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
- USF TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

1	REVISED AS PER CITY COMMENTS	MJS	DT	24.03.13
0	ISSUED FOR SPA	MJS	MF	23.05.15
Revision		By	Appd.	YY.MM.DD
File Name:	160401663 DB - 1.dwg	MJS	DT	MJS
		Dwn.	Chkd.	Dgn.
				YY.MM.DD

Permit-Seal

Client/Project

BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title

SITE SERVICING PLAN

Project No.	Scale	0 3 9 15m
160401663	1:300	
Drawing No.	Sheet	Revision
SSP-1		1

CATHERINE STREET - 200mmØ WATERMAIN 'A'			
STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	67.70	65.70±	200mmØ PVC CONNECTION TO EX.127mmØ UCI
0+006	67.78	65.380	200mmØ x 200mmØ TEE
0+019.2	67.84	65.440	200mmØ VALVE AND VALVE BOX
0+023.6	67.87	65.470	RE-CONNECT EX. HRE HYDRANT 150mmØ TEE
0+040	68.00	65.600	TOP OF PIPE
0+057.4	67.96	65.560	11 1/2" HORIZONTAL BEND
0+069.1	67.97	65.570	11 1/2" HORIZONTAL BEND
0+086.7	67.97	65.570	11 1/2" HORIZONTAL BEND
0+080	68.04	65.640	TOP OF PIPE
0+100	68.13	65.730	TOP OF PIPE
0+120	68.37	65.970	TOP OF PIPE
0+140	68.46	66.060	TOP OF PIPE
0+158.7	68.70	66.300	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+160.2	68.69	66.290	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+161.7	68.69	66.290	RECONNECT EX. 100mmØ SERVICE 200mmØ x 100mmØ TEE
0+163.2	68.68	66.280	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+164.7	68.63	66.230	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+167.5	68.44	66.040	22 1/2" HORIZONTAL BEND
0+169.5	68.41	66.010	22 1/2" HORIZONTAL BEND
0+172.4	68.61	66.210	22 1/2" HORIZONTAL BEND
0+174.4	68.57	66.170	22 1/2" HORIZONTAL BEND
0+185.5	68.43	66.230	150mmØ HRE HYDRANT TEE
0+193.4	68.50	66.100	200mmØ VALVE AND VALVE BOX
0+194.4	68.52	66.120	200mmØ x 200mmØ TEE
0+202.4	68.53	66.130	200mmØ VALVE AND VALVE BOX
0+204.8	68.54	66.140	11 1/2" HORIZONTAL BEND
0+209.3	68.52	66.120	11 1/2" HORIZONTAL BEND
0+215.3	68.51	66.51±	200mmØ PVC CONNECTION TO EX.127mmØ UCI

KENT STREET - 200mmØ WATERMAIN 'B'			
STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	68.65	66.65±	200mmØ PVC CONNECTION TO EX.127mmØ UCI
0+006	68.67	66.270	200mmØ x 200mmØ CROSS
0+012	68.67	66.270	11 1/2" HORIZONTAL BEND
0+017	68.67	66.270	11 1/2" HORIZONTAL BEND
0+023	68.72	66.320	200mmØ VALVE AND VALVE BOX
0+040	38.78	36.380	TOP OF PIPE
0+060	68.67	66.270	TOP OF PIPE
0+074.8	65.53	63.130	200mmØ BUILDING WATER SERVICE
0+078.8	68.50	66.100	200mmØ VALVE AND VALVE BOX
0+084.8	68.52	66.120	200mmØ x 200mmØ TEE

SEWER AND WATERMAIN CROSSING TABLE							
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	COMB INV
▲	64.79(64.69) ±	65.39(65.49) ±	64.12	64.42			
▲	65.27(65.17) ±	65.80(65.90) ±	63.92	64.17			
▲	65.28(65.18) ±	65.81(65.91) ±			66.57	66.52	62.87(62.72) ±
▲	65.42(65.33) ±	65.95(66.04) ±			66.57	66.52	62.82(62.67) ±
▲	65.43(65.34) ±	65.96(66.05) ±	66.66	66.81			64.02(64.17) ±
▲					66.24	66.04	62.78(62.58) ±
▲					66.12	65.92	64.46(64.36) ±
▲							64.76(64.86) ±

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

