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	67.77	65.370	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. FIRE HYDRANT 150mmØ TEE
0+040	68.00	65.600	TOP OF PIPE
0+060	67.96	65.560	TOP OF PIPE
0+080	68.04	65.640	TOP OF PIPE
0+100	68.27	65.870	TOP OF PIPE
0+120	68.37	65.970	TOP OF PIPE
0+140	68.48	66.080	TOP OF PIPE
0+148.1	68.42	66.020	200mmØ VALVE AND VALVE BOX
0+160	68.53	66.130	TOP OF PIPE
0+167.1	68.45	66.050	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+168.1	68.43	65.740	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+170.1	68.41	65.740	RECONNECT EX. 100mmØ SERVICE 200mmØ x 100mmØ TEE
0+172.1	68.40	65.740	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+173.1	68.41	66.010	45° VERTICAL BEND DEFLECT W/M AS PER W25
0+180	68.60	66.200	TOP OF PIPE
0+188.4	68.66	66.260	150mmØ FIRE HYDRANT TEE
0+196.2	68.52	66.120	200mmØ CROSS
0+200	68.53	66.130	TOP OF PIPE
0+208.9	68.51	66.110	200mmØ VALVE AND VALVE BOX
0+214.9	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+020	68.74	66.340	TOP OF PIPE
0+040	68.78	66.380	TOP OF PIPE
0+059.1	68.66	66.260	200mmØ VALVE AND VALVE BOX
0+074.7	65.53	63.130	200mmØ WATER SERVICE
0+080	68.51	66.110	TOP OF PIPE
0+085.1	68.52	66.120	200mmØ x 200mmØ CROSS
0+091.1	68.47	66.47±	200mmØ PVC CONNECTION TO EX.127mmØ UCI

SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	COMB INV	COMB OBV
△1	64.79(64.69) ±	65.39(65.49) ±	63.67	63.97				
△2	65.27(65.17) ±	65.80(65.90) ±	63.52	63.77				
△3	65.28(65.18) ±	65.81(65.91) ±			66.57	66.52	62.87(62.72) ±	64.07(64.22) ±
△4	65.42(65.33) ±	65.95(66.04) ±			66.57	66.52	62.82(62.67) ±	64.02(64.17) ±
△5	65.43(65.34) ±	65.96(66.05) ±	66.66	66.81				
△6					66.24	66.04	62.78(62.58) ±	63.98(64.18) ±
△7					66.13	65.93	64.48(64.38) ±	64.78(64.88) ±
△8					66.10	65.90	64.46(64.36) ±	64.76(64.86) ±

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

KEY PLAN
N.T.S.

Stantec

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Legend

— – —	PROPOSED WATERMAIN
⧓	PROPOSED VALVE AND VALVE BOX
⊗	PROPOSED VALVE CHAMBER
◎	PROPOSED W3 CHAMBER
◀	PROPOSED REDUCER
●	PROPOSED FIRE HYDRANT
—●—	PROPOSED SANITARY SEWER
– ○ –	PROPOSED STORM SEWER
◐	PROPOSED CATCHBASIN MANHOLE
– ■ –	PROPOSED CATCHBASIN
— – —	EXISTING WATERMAIN
⧓	EXISTING VALVE AND VALVE BOX
⊗	EXISTING VALVE CHAMBER
◀	EXISTING REDUCER
●	EXISTING FIRE HYDRANT
—●—	EXISTING COMBINED SEWER
– ○ –	EXISTING STORM SEWER
◐	EXISTING CATCHBASIN MANHOLE
– ■ –	EXISTING CATCHBASIN
DC	PROPOSED DEPRESSED CURB LOCATIONS
═	PROPOSED BARRIER CURB
▨	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.
(M)	WATER METER
(RM)	REMOTE WATER METER

Notes

1. ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS.
2. FINAL METER AND REMOTE METER LOCATINS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
3. 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.
4. INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
5. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH 2 CISTERNS. ONE CISTERN PER DEVELOPMENT PHASE.
    PHASE 1 CISTERN = 130.0m³
    PHASE 2 CISTERN = 180.0m³
6. MAX. CISTERN RELEASE RATE TO STORM SEWER
    PHASE 1 CISTERN RELEASE RATE = 12.47L/s
    PHASE 2 CISTERN RELEASE RATE = 18.87L/s
7. BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS 6-STOREYS AND HIGHER.
8. SUMP PUMP REQUIRED TO DISCHARGE TO INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
9. FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
10. USF TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

		By	Appd.	YY.MM.DD
0	ISSUED FOR SPA	MJS	MF	23.05.15

Revision

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Permit-Seal

2023-05-15
M. A. FORD
100072580

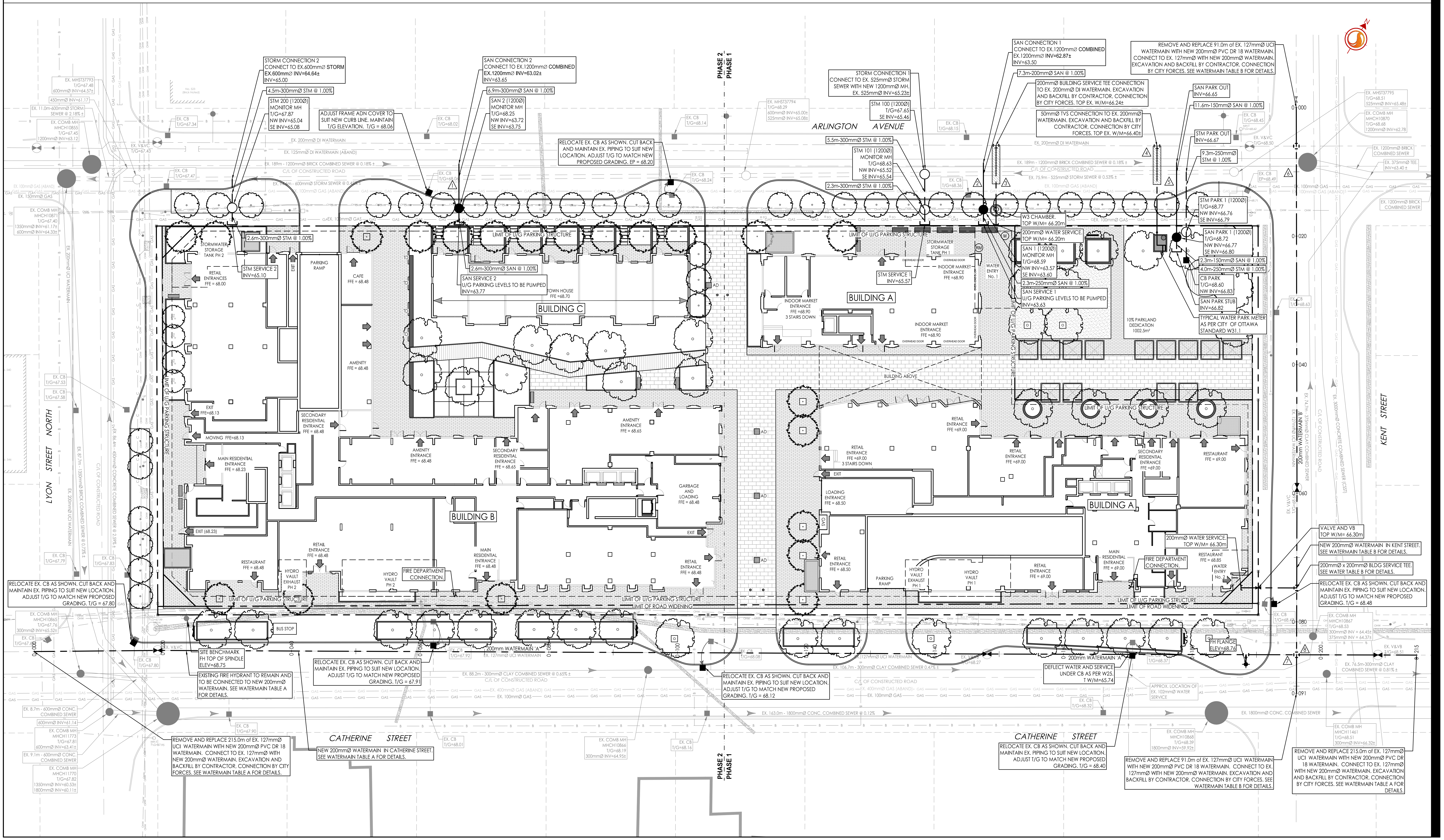
Client/Project
BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title
SITE SERVICING PLAN

Project No. 160401663
Scale 1:300 (0 3 9 15m)
Drawing No. SSP-1
Sheet 3 of 7
Revision 0



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ORIGINAL SHEET - ARCH D