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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED W3 CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- 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
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- THERMAL INSULATION ON STORM SEWERS WITH LESS THAN 2.0m COVER AND SANITARY SEWERS WITH LESS THAN 2.5m COVER TO BE INSULATED IN ACCORDANCE WITH CITY STANDARD S35.
- THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
- REMOTE WATER METER
- LIMITS OF ASPHALT OVERLAY FOLLOWING SERVICING, CURBS AND SIDEWALK INSTALLATION.
- PROPOSED CLAY SEAL AS PER GEOTECH RECOMMENDATIONS

Notes

1. ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT SYSTEM. INSTALLATION BY OTHERS.
2. FINAL METER AND REMOTE METER LOCATIONS 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 CISTERNS. ONE CISTERN PER DEVELOPMENT PHASE.
PHASE 1 CISTERN = 190.0m³
PHASE 2 CISTERN = 160.0m³
6. MAX. CISTERN RELEASE RATE TO STORM SEWER
PHASE 1 CISTERN RELEASE RATE = 24.3L/s
PHASE 2 CISTERN RELEASE RATE = 22.3L/s
7. BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS
6-STORIES 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. USE TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

NO.	REVISION	DATE	BY	APP'D.
6	REVISED PARK GRADING UPDATES	MJS	DT	26.05.15
5	30% ISSUED FOR COORDINATION	MJS	DT	25.09.19
4	REVISED AS PER CITY COMMENTS	MJS	DT	25.05.14
3	REVISED AS PER CITY COMMENTS	MJS	DT	24.09.16
2	REVISED AS PER CITY COMMENTS	MJS	DT	24.05.20
1	REVISED AS PER CITY COMMENTS	MJS	DT	24.03.13
0	ISSUED FOR SPA	MJS	MF	23.05.15

NO.	REVISION	DATE	BY	APP'D.
1	REVISED AS PER CITY COMMENTS	MJS	DT	23.02.06

File Name: 160401663 DB - 1.dwg

Permit/Seal

Client/Project
BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title
SITE SERVICING PLAN

Project No.
160401663

Drawing No.
SSP-1

Scale
1:300

Sheet
3 of 8

Revision
6

PLAN # 18991

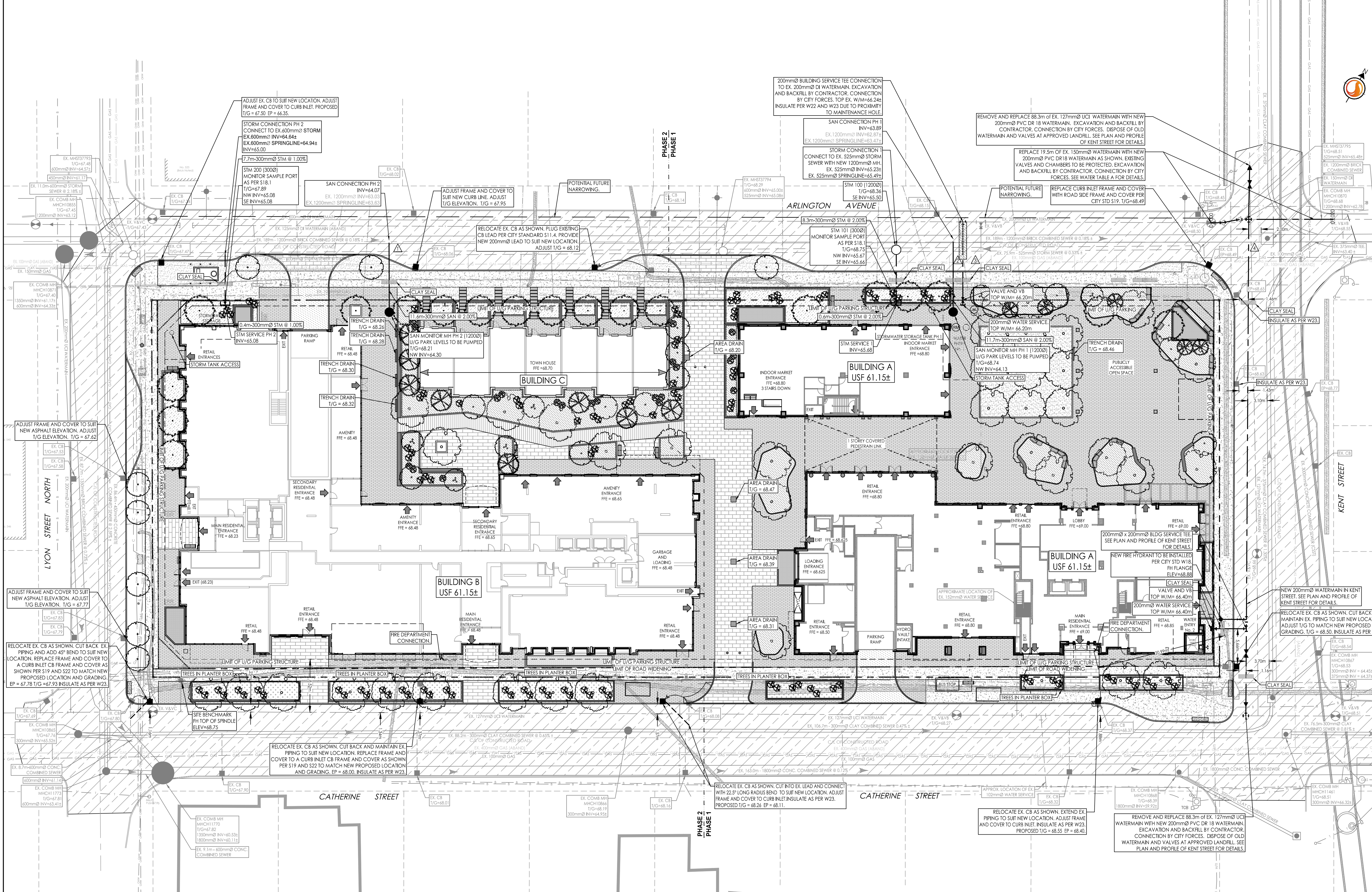
200mmØ WATERMAIN 'A'

STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	68.54	66.40±	CONNECT TO EXISTING 200mmØ V & VC
0+001.9	68.55	66.150	200mmØ x 127mmØ REDUCER
0+004.6	68.67	66.270	200mmØ x 200mmØ CROSS
0+006.1	68.63	66.230	11.2" HORIZONTAL BEND
0+010	68.65	66.250	11.2" HORIZONTAL BEND
0+019.5	68.55	66.45±	EXISTING 200mmØ VALVE AND VALVE BOX

SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	COMB INV	COMB OBV
▲	64.77(64.67) ±	65.37(65.47) ±	64.11	64.41				
▲	65.27(65.17) ±	65.80(65.90) ±	63.92	64.22				
▲	65.28(65.18) ±	65.81(65.91) ±			66.57	66.52	62.87(62.72) ±	64.07(64.22) ±
▲					66.24	66.04	62.78(62.58) ±	63.98(64.18) ±

BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS



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ORIGINAL SHEET - ARCH 0

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