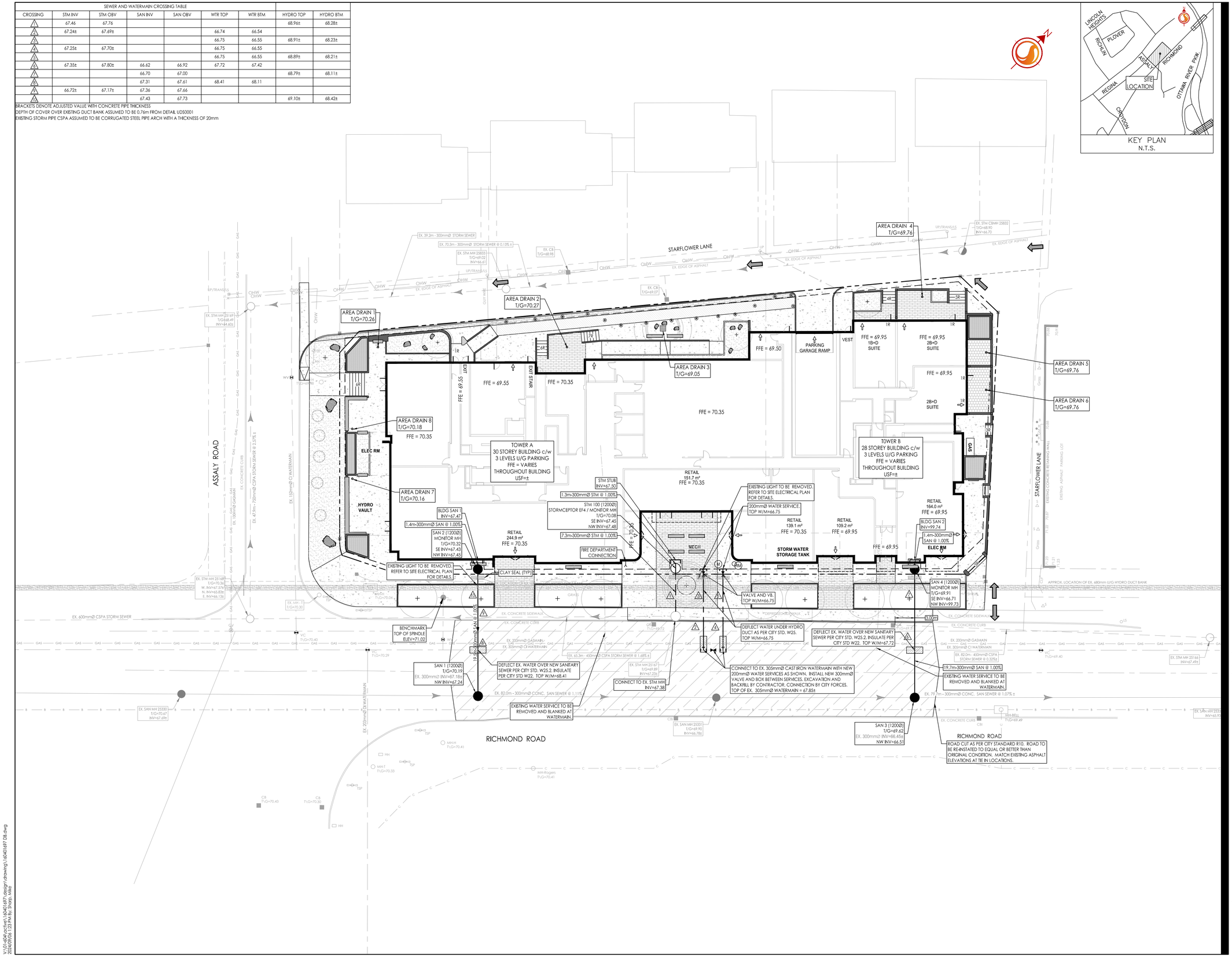
SEWER AND WATERMAIN CROSSING TABLE								
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	HYDRO TOP	HYDRO BTM
1	67.46	67.76					68.96±	68.28±
2	67.24±	67.69±			66.74	66.54		
3					66.75	66.55	68.91±	68.23±
4	67.25±	67.70±			66.75	66.55		
5					66.75	66.55	68.89±	68.21±
6	67.35±	67.80±	66.62	66.92	67.72	67.42		
7			66.70	67.00			68.79±	68.11±
8			67.31	67.61	68.41	68.11		
9	66.72±	67.17±	67.36	67.66				
10			67.43	67.73			69.10±	68.42±

BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS
DEPTH OF COVER OVER EXISTING DUCT BANK ASSUMED TO BE 0.76m FROM DETAIL UD50001
EXISTING STORM PIPE CSPA ASSUMED TO BE CORRUGATED STEEL PIPE ARCH WITH A THICKNESS OF 20mm



Stantec

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

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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
- PROPOSED TRENCH AND AREA DRAINS TO BE CONNECTED TO BUILDING MECHANICAL (PART OF U/G STRUCTURE)
- 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 SEWER WHERE COVER IS LESS THAN 2.0m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22 AND W35.
- WATER METER
- REMOTE WATER METER
- 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 CISTERN. INSTALLATION BY OTHERS.
2. FINAL METER AND REMOTE METER LOCATINS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
3. SEWER AND WATER AS-BUILT INFORMATION IS APPROXIMATE AND MUST BE VERIFIED BY CONTRACTOR PRIOR TO INSTALLATION OF SERVICING. ENGINEER MUST BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO INSTALLATION.
4. 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.
5. INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
6. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 120.0m³ CISTERN LOCATED IN THE UNDERGROUND PARKING.
7. MAX. CISTERN RELEASE RATE TO STORM SEWER = 23.7L/s
8. BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS 6-STOREYS AND HIGHER.
9. SUMP PUMP REQUIRED TO DISCHARGE TO INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
10. FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
11. USF TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT.

Revision				
1	REVISED AS PER CITY COMMENTS	MJS	PM	24.09.04
0	ISSUED FOR SPA	MJS	PM	23.06.01
		By	Appd.	YY.MM.DD

File Name: 160401697 D8.dwg	MJS	DT	MJS	23.05.01
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
P. MOROZ
90493552
2024-09-11
PROVINCE OF ONTARIO

Client/Project

BRIGIL HOMES

1299 RICHMOND ROAD
MIXED USE TOWER DEVELOPMENT
OTTAWA, ON, CANADA

Title

SITE SERVICING PLAN

Project No.	Scale	Sheet	Revision
160401697	1:250 (0 2.5 7.5 12.5m)	3 of 7	1

Drawing No.
SSP-1

ORIGINAL SHEET - ARCH D

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