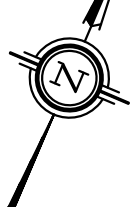
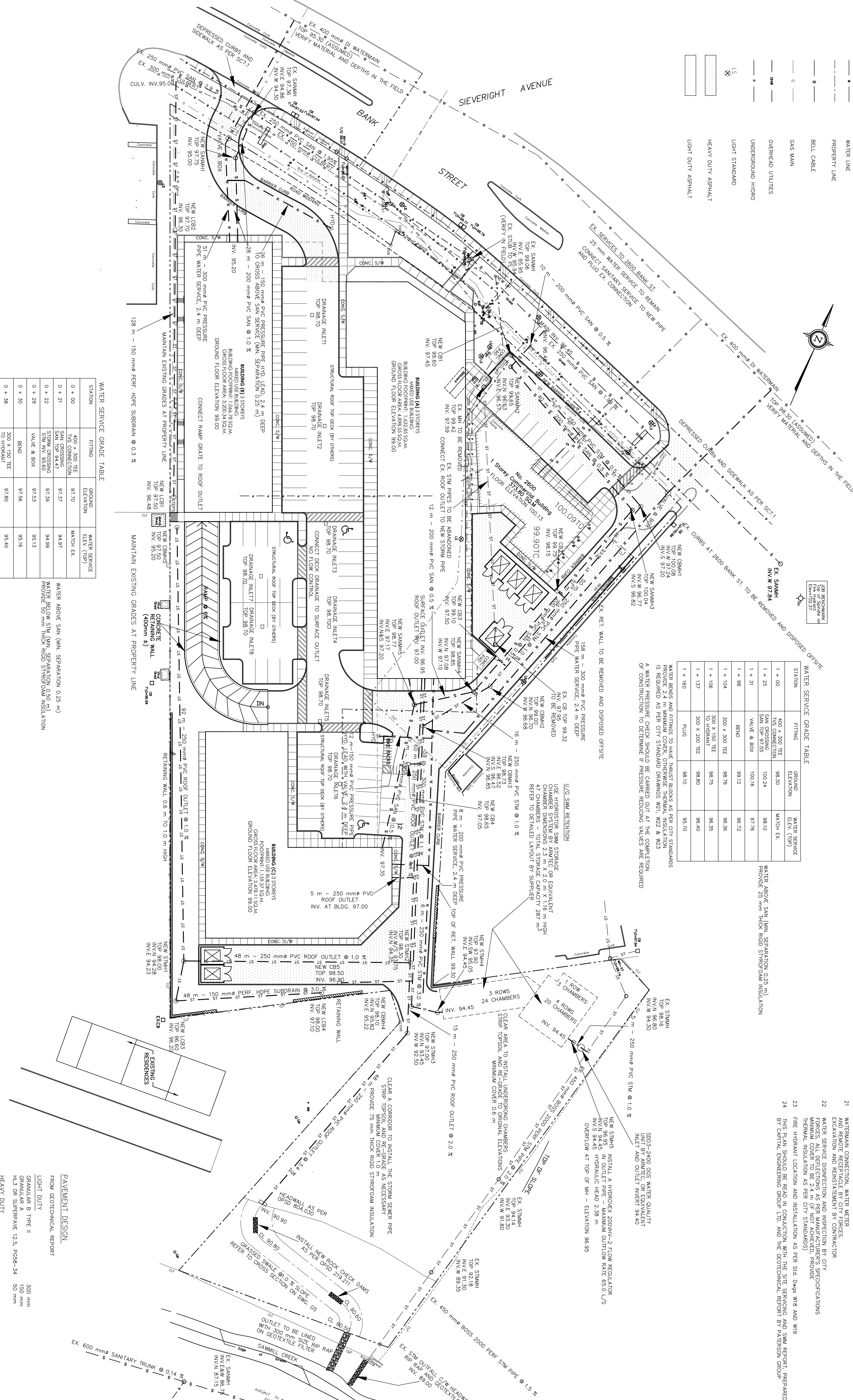


LEGEND

99.40	PROPOSED ELEVATION
EXISTING ELEVATION	
98.70TC	TOP OF CURB
→	DIRECTION OF FLOW
UP	UTILITY POLE
DC	DEPRESSED CURB
—	STORM SEWER
—	SANITARY SEWER
—	WATER LINE
—	PROPERTY LINE
—	BELL CABLE
—	GAS MAIN
—	OVERHEAD UTILITIES
—	UNDERGROUND HURO
—	LIGHT STANDARD
⊗	HEAVY DUTY ASPHALT
⊗	LIGHT DUTY ASPHALT



WATER SERVICE GRADE TABLE

STATION	FITTING	GROUND ELEVATION	WATER SERVICE ELEV. (TOP)	MATCH EX.
1 + 00	400 x 300 TE	98.30	98.30	
1 + 25	T/S CONNECTION	100.24	98.10	
1 + 31	VALVE & BOX	100.16	97.76	
1 + 38	END	99.12	96.72	
1 + 104	300 x 300 TE	98.76	96.36	
1 + 106	300 X 150 TE TO HYDRANT	98.75	96.35	
1 + 137	300 X 200 TE	98.80	96.40	
1 + 160	PLUG	98.10	95.70	

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1 + 106	300 X 150 TE TO HYDRANT	98.75	96.35	
1 + 137	300 X 200 TE	98.80	96.40	
1 + 160	PLUG	98.10	95.70	

- NOTES
- DO NOT SCALE DRAWING
 - VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SERVICES PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE TO OBTAIN LOCATES. CALL (613) 797-6534 BEFORE EXCAVATING
 - CONTRACTOR IS TO COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR MUNICIPAL ROAD
 - ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA AND / OR ONTARIO PROVINCIAL STANDARDS (OPS)
 - NEW SANITARY AND STORM MANHOLES AND CHAMBERS TO BE 1200 mm AS PER OPS 701.010
 - SANITARY MANHOLE BENCHING AS PER CITY STANDARD DRAWING 701.021
 - SANITARY MANHOLE COVER AS PER CITY STANDARD DRAWING 705.010
 - NEW CATCH BASINS ARE STANDARD SIZE 600 mm x 600 mm AS PER OPS 705.010
 - CATCH BASIN COVER AS PER CITY STANDARD DRAWING 519.1
 - STORM MANHOLES AND CHAMBERS TO BE CONSTRUCTED WITH 300 mm SWIRS. CBS WITH 600 mm SWIRS
 - LANDSCAPE CATCH BASINS (LCB) AS PER CITY STANDARD DRAWINGS S30 AND S31
 - BARBER CURB WITH SIDEWALK AS PER STANDARD DRAWING SC1.1
 - PROVIDE 600 mm GRANULAR BASE FOR THE SIDEWALK ADJACENT TO BUILDING
 - NEW SEWERS TO BE INSPECTED USING CCTV AS REQUIRED BY THE CITY OPS-407. TEST TO BE WITNESSED BY A PROFESSIONAL ENGINEER
 - CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION
 - RESTORE PAVEMENT STRUCTURE, CURBS AND SURFACES ON EXISTING ROADS TO THEIR ORIGINAL CONDITIONS
 - PROVIDE 200 mm GRANULAR BASE FOR SIDEWALK AS PER S10 DWG. R10
 - BUILDING DIMENSIONS AND SITE LAYOUT, DIMENSIONS AND LAYOUT INFORMATION SHALL CONSTRUCTION PRIOR TO COMMENCEMENT OF CONSTRUCTION
 - REFER TO MECHANICAL DRAWINGS FOR INTERNAL CONNECTIONS OF THE WATER, SANITARY AND STORM SERVICES
 - WATERMAIN CONNECTION, WATER METER, EXCAVATION AND REINSTATEMENT BY CONTRACTOR
 - WATER SERVICE DISINFECTION AND INSPECTION BY CITY
 - FORCES, ALL DEFLECTIONS AS PER MANUFACTURER'S SPECIFICATIONS THERMAL EXPANSION AS PER CITY STANDARDS
 - THIS PLAN SHOWS THE LOCATION AND INSTALLATION AS PER S10 DWG. W19 AND W19
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0 + 00	400 x 300 TE	97.70	94.97	
0 + 21	SAN CROSSING	97.37	94.99	
0 + 22	STORM CROSSING	97.39	94.99	
0 + 29	VALVE & BOX	97.53	95.13	
0 + 30	END	97.56	95.16	
0 + 38	300 X 150 TE TO HYDRANT	97.80	95.40	
0 + 56	BUILDING	98.60	96.20	

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PAVEMENT DESIGN

FROM GEOTECHNICAL REPORT

LIGHT DUTY	300 mm GRANULAR B TYPE II
HEAVY DUTY	175 mm GRANULAR B TYPE II
	150 mm HLB OR SUPERPAVE 19, PG58-34
	40 mm HLB OR SUPERPAVE 12.5, PG58-34
	50 mm MINIMUM PERFORMANCE GRADED (PG) 58-34 ASPHALT CEMENT

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GENERAL NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THESE DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITIONING IS NOT GUARANTEED. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

WATER BRINGS AND FITTINGS TO HAVE THURST BLOCKS AS PER CITY STANDARDS
 PROVIDE 2.4 m MINIMUM COVER, OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARD DRAWINGS W21, W22 & W23
 A WATER PRESSURE CHECK SHOULD BE CARRIED OUT AT THE COMPLETION OF CONSTRUCTION TO DETERMINE IF PRESSURE REDUCING VALVES ARE REQUIRED

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PROJECT: UPPER HUNT CLUB CENTRE
 DRAWING: Servicing Plan
 PROJECT NO.: PVZ-2020
 SCALE: 1 : 400
 DRAWN BY: ANDREW
 CHECKED BY: AN

2800 BANK STREET
 Ottawa, Ontario

Professional Engineer
 License No. 12345
 Name: MAHMOUD
 Date: Aug 25/20

PROJECT NORTH
 TRUE NORTH

NO.	ISSUE & REVISIONS	DATE
1	Issued for Client Review	2021/07/30
2	Issued for Site Plan Application	2021/08/25

Capital Engineering
 Group Ltd
 Municipal / Land Development
 110 Dufferin Way
 Ottawa, Ontario K1G 4S5
 T: (613) 736-0776 F: (613) 736-7302
 E: ce@cegroupers.com

TOPOGRAPHIC PLAN OF SURVEY OF
 PART OF LOT 7
 CONCEPTION 4 (RIDEAU FRONT)
 Geographic Township of Gloucester
 and
 PART OF LOT 19
 REGISTERED PLAN 141
 City of Ottawa
 Surveyed by: Amins, O'Sullivan, Yolebekk Ltd.

Scale bar: 0, 10, 20, 30 meters