

NORTH

### LEGEND

 (103)	EXISTING SANITARY MANHOLE, SEWER & FLOW DIRECTION		HYDRANT C/W VALVE & LEAD
 (155)	EXISTING STORM MANHOLE SEWER & FLOW DIRECTION	 FDC	FIRE DEPARTMENT CONNECTION
 EX 300mmØ WM	EXISTING WATERMAIN AND DIAMETER		CAP
 150mmØ	WATER SERVICE AND DIAMETER		
 • VB1	VALVE & VALVE BOX		
	SANITARY SERVICE AND FLOW DIRECTION		
	STORM SEWER AND FLOW DIRECTION		
 CB3 □ T/G=67.60	PROPOSED CATCHBASIN		
 LCB3 ◎ T/G=66.64	PROPOSED LANDSCAPE TYPE CATCHBASIN		
 PD1	PODIUM DRAIN		

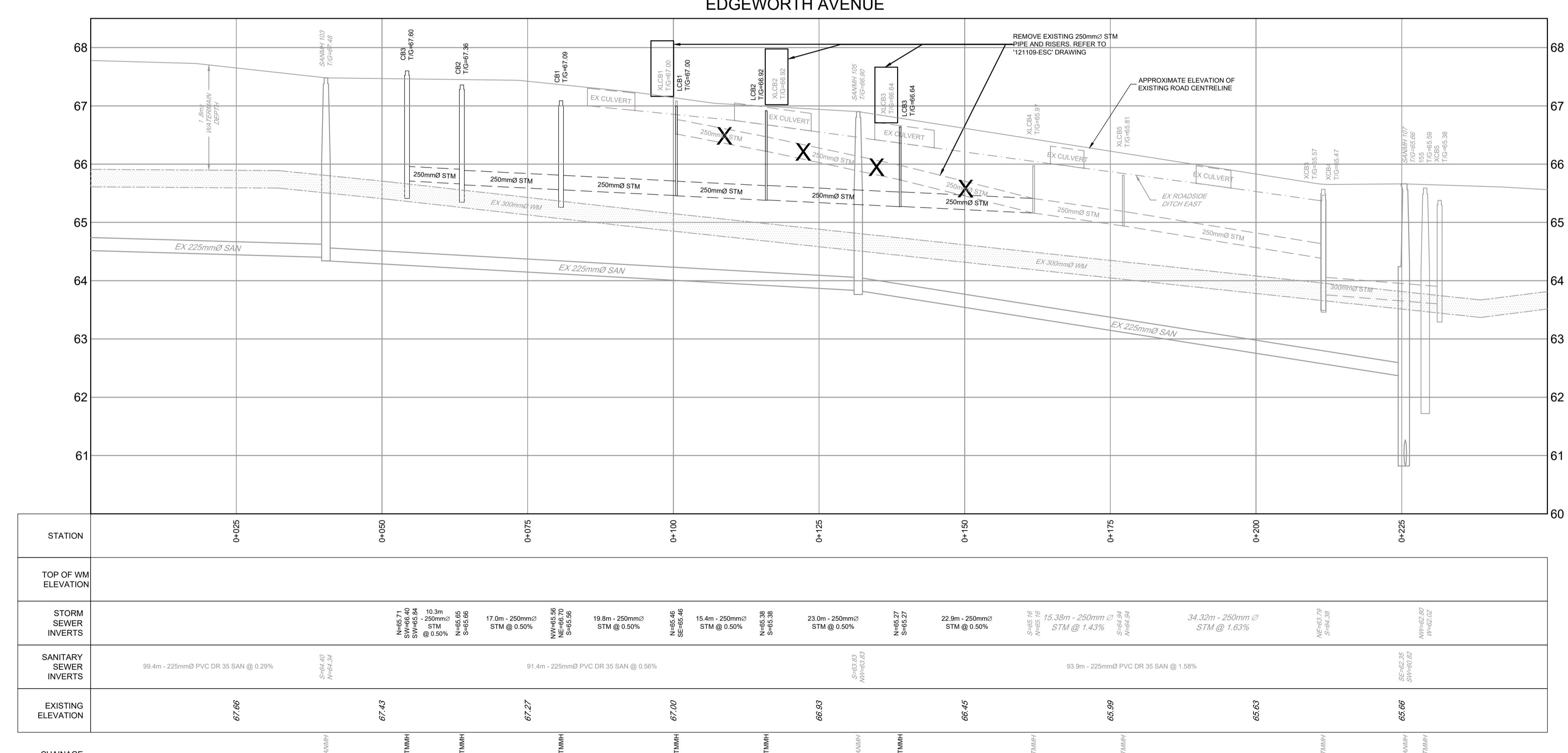
#### GENERAL NOTES:

1. DIMENSIONS AND LAYOUT INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE ORIGINAL TOPOGRAPHY AND GROUND ELEVATIONS, SERVICING AND SURVEY INFORMATION SHOWN ON THIS PLAN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL INFORMATION OBTAINED FROM THIS PLAN.
3. CO-ORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
4. BEFORE COMMENCING CONSTRUCTION, PROVIDE PROOF OF COMPREHENSIVE ALL RISK AND OPERATIONAL LIABILITY INSURANCE INCLUDING BLASTING. INSURANCE POLICY TO NAME THE OWNER, ENGINEER AND THE CITY AS CO-INSURED.
5. CONNECT TO EXISTING SYSTEMS AS DETAILED, INCLUDING ALL RESTORATION WORK NECESSARY TO REINSTATE SURFACES TO EXISTING CONDITIONS OR BETTER.
6. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS.
7. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS BEFORE COMMENCING CONSTRUCTION.
8. RESTORE ALL TRENCHES AND SURFACE FEATURES TO EXISTING CONDITIONS OR BETTER AND TO THE SATISFACTION OF MUNICIPAL AUTHORITIES.
9. REMOVE FROM SITE ALL DEBRIS AND EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.
10. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
11. REFER TO GEOTECHNICAL INVESTIGATION OTT-23002437-80 - FINAL REPORT (DATED AUG 26, 2025), PREPARED BY EXP SERVICES FOR SUBSURFACE CONDITIONS AND CONSTRUCTION RECOMMENDATIONS.
12. PERFORATED PIPE SUB-DRAINS TO BE PROVIDED AT SUBGRADE LEVEL EXTENDING FROM THE ROADSIDE CATCHBASIN FOR A DISTANCE OF 3.0m PARALLEL TO THE CURB IN TWO DIRECTIONS.

SEWFR NOTES

1. SPECIFICATIONS:

<u>ITEM</u>	<u>SPEC. No.</u>	<u>REFERENCE</u>
STORM SEWER	HDPE	(CLASS SPECIFIED ON PROFILE DRAWINGS)
2. INSULATE ALL PIPES (SAN/STM) THAT HAVE LESS THAN 1.5m COVER WITH 50mmX1200mm HI-40 INSULATION. PROVIDE 150mm CLEARANCE BETWEEN PIPE AND INSULATION.
3. PIPE BEDDING, COVER AND BACKFILL ARE TO BE COMPAKTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY. THE USE OF CLEAR CRUSHED STONE AS A BEDDING LAYER SHALL NOT BE PERMITTED.
4. SEWER SERVICE CONNECTIONS PER CITY OF OTTAWA DETAILS S11 AND S11.1.
5. THE SITE SERVICING CONTRACTOR SHALL PERFORM FIELD TESTS FOR QUALITY CONTROL OF ALL SANITARY SEWERS. LEAKAGE TESTING SHALL BE COMPLETED IN ACCORDANCE WITH OPSS 410.07.16 AND 407.07.24. DYE TESTING IS TO BE COMPLETED ON ALL SANITARY SERVICES TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN. THE FIELD TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
6. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS, 200mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
7. BUILDING FOUNDATION DRAIN PUMPED TO STORM SERVICE DOWNSTREAM OF CISTERNS CLEAN OUT.
8. DORMITORY DRAINS 1.0 ROUTED TO CISTERNS (BY MECHANICAL).



**NOTE:**  
THE POSITION OF ALL POLE LINES, CONDUITS,  
WATERMAINS, SEWERS AND OTHER  
UNDERGROUND AND OVERGROUND UTILITIES AND  
STRUCTURES IS NOT NECESSARILY SHOWN ON  
THE CONTRACT DRAWINGS, AND WHERE SHOWN,  
THE ACCURACY OF THE POSITION OF SUCH  
UTILITIES AND STRUCTURES IS NOT GUARANTEED.  
BEFORE STARTING WORK, DETERMINE THE EXACT  
LOCATION OF ALL SUCH UTILITIES AND  
STRUCTURES AND ASSUME ALL LIABILITY FOR  
DAMAGE TO THEM.

			SCALE		DESIGN		FOR REVIEW ON	
			 HORIZONTAL		LRW CHECKED MAB DRAWN LPA CHECKED LRW APPROVED MAB		 VERTICAL	
1. ISSUED WITH SITE PLAN APPLICATION			OCT 08/25	MAB			 	

**CITY OF OTTAWA**  
500 & 508 EDGEWORTH AVENUE

**NOVATECH**  
Engineers, Planners & Landscape Architects  
Suite 200, 240 Michael Cowpland Drive  
Ottawa, Ontario, Canada K2M 1P6  
Telephone (613) 254-9643  
Facsimile (613) 254-5867  
Website [www.novatech-eng.com](http://www.novatech-eng.com)

Website: [www.misrateen.org.com](http://www.misrateen.org.com)

THE CITY OF OTTAWA  
10 & 508 EDGEWORTH AVENUE

# PLAN & PROFILE DGEWORTH AVENUE

LAN & PROFILE  
DGEWORTH AVENUE  
STA 0+000 TO 0+250