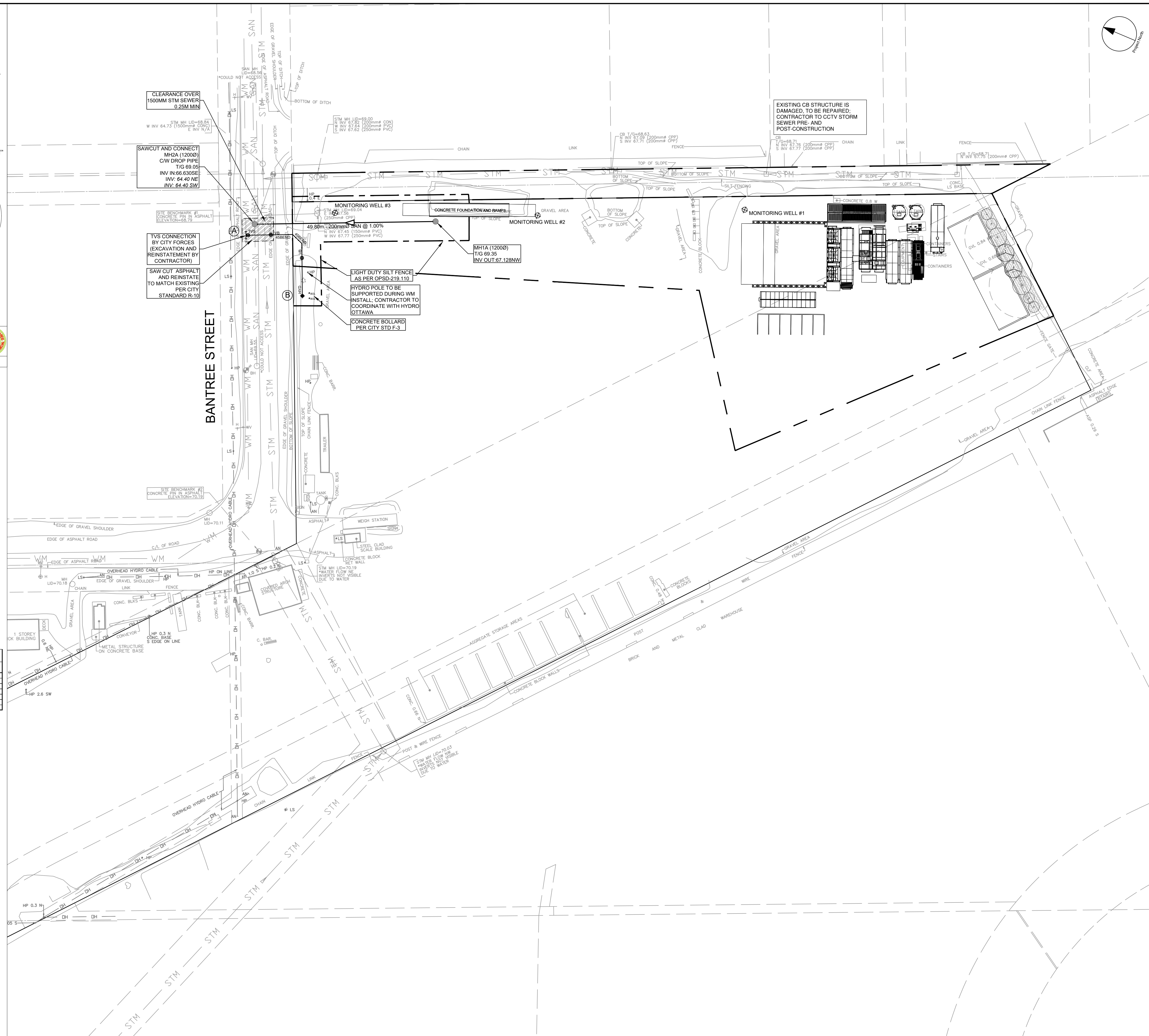


- NOTES:**
1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OTHERWISE IF CHANGES AND SPECIFICATIONS DO NOT APPLY.
 2. THE POSITION OF UNDERGROUND AND ABOVE GROUND SERVICE, UTILITIES AND STRUCTURES MUST BE INDICATED NOT SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE LOCATION OF SUCH SERVICE, UTILITIES AND STRUCTURES SHALL BE VERIFIED BY THE CONTRACTOR BY MEANS OF A GROUND PENETRATING RADAR (GPR) LOCATION, BORE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
 3. THE CONTRACTOR SHALL REPORT ALL UTILITIES, DISCOVERIES OF ERROR AND DISCREPANCIES TO THE ENGINEER.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL LANDS BEYOND THE SITE LIMITS, ANY AREAS BEYOND THE SITE LIMITS THAT ARE DISTURBED DURING THE CONSTRUCTION OF THE PROJECT AND RESTORED TO ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE ADJACENT LAND OWNER, THE OWNER, THE OWNERS REPRESENTATIVES AND/OR THE AUTHORITY OF THE MUNICIPALITY AT THE EXPENSE OF THE CONTRACTOR.
 6. WHERE NECESSARY, THE CONTRACTOR SHALL IMPLEMENT A TRAFFIC MANAGEMENT PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA AND THE ADJACENT LAND OWNERS. THE LATEST VERSION OF THE M.T.D. MANUAL OF URBAN TRAFFIC CONTROL, CHANGES, ALL TEMPORARY TRAFFIC CONTROL MEASURES MUST BE IMPLEMENTED PRIOR TO THE COMPLETION OF THE WORKS.
 7. SHOULD ANY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY, STOP CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE OWNER TO CONTACT THE OTTAWA ARCHAEOLOGICAL UNIT OF THE CITY OF OTTAWA AND MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY, AND WORK WITHIN THE AREA SHALL BE CEASED UNTIL FURTHER NOTICE.
 8. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR ANY PURPOSES.
 9. THE CONTRACTOR SHALL HAVE THE DESIGN AND REMEDIATION SOLUTIONS APPROVED PRIOR TO THE COMMENCEMENT OF ANY WORK ON SITE. ALL PROPOSED AND EXISTING CONSTRUCTION MEASURES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER. A RESULT OF ANY ADVISORY BOARD REVIEW OF THE CONSTRUCTION PROJECT, MEASURES SHALL BE MARKED UNTIL VEGETATION IS ESTABLISHED OR UPON THE START OF A SUBSEQUENT PHASE.
 10. CONTRACTORS SHALL BE RESPONSIBLE FOR KEEPING CLEAR ALL ROADS WHICH BECOME COVERED OR CLOSED, DURING AND AFTER THE PROJECT, TO THE SATISFACTION OF THE CITY OF OTTAWA.
 11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL BORDERS OR ADDITIONAL STRENGTHENING MEASURES SHOULD THE MAXIMUM CRISP DITCH WIDTH BE EXCEEDED.
 12. ALL PIPE, CULVERTS, STRUCTURES REQUIRE NORMAL INSIDE DIMENSIONS.
 13. SHOULD CULVERTS BE REQUIRED, THEY SHALL BE INSTALLED AS PER THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL ANALYSIS.
 14. INSIDE SPECIFICALLY NOTED OTHERWISE, PIPE MATERIALS SHALL BE AS FOLLOWS:
 - WASTEWATER TO BE PVC D11
 - SEWANTER SERVICES TO BE PVC D30
 15. ALL CONNECTIONS TO EXISTING WASTEWATER ARE TO BE COMPLETED BY CITY FORCES. CONTRACTORS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
 16. ANY AND ALL TRENCHES LESS THAN 2' deep AND ANY DEWET WITHIN LESS THAN 2' DEPTH OF GROUND require thermal insulation AS PER CITY OF OTTAWA STANDARD W12 OR AS APPROVED BY THE ENGINEER.
 17. ALL PIPE, HYDRANTS AS PER CITY STANDARD W10, up to 160mm LEAD UNLESS OTHERWISE SPECIFIED.
 18. THE ELEVATION OF ALL STRUCTURES, PIPE, DRAINAGE, SIDEWALKS AND BUILDINGS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
 19. TOP COURSE ASPHALT SHALL NOT BE PLACED UNTIL THE FINAL CIVIL INSPECTION AND NECESSARY REPAIRS HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA.
 20. BEGINNING NEW SANITARY MANHOLE PER STD 1021.
 21. STANDARD DROP PIPE PER STD 100-1.080

WATERMAIN SCHEDULE						
	Station	Description	Finished Grade	Top of Watermain	Watermain Cover	As Built Watermain
	A	EX 305 DI WATERMAIN - 150T/VS	69 040	68 540	2,400	
		150T/VS	69 020	68 620	2,400	
		45 BEND	68 960	68 560	2,400	
		45 BEND	68 880	68 440	2,400	
B	B	HYDRANT VALVE	69 106	68 700	2,400	
		HYDRANT	69 550	67 250	2,400	



CLIENT

HARBOUR
ENVIRONMENTAL
GROUP

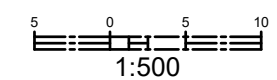
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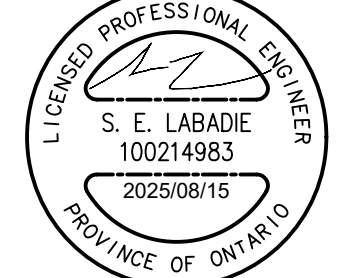
Arcadis Professional Services (Canada) Inc.
formerly IBI Group Professional Services (Canada) Inc.

ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION TO CITY	2024-11-25
2	SUBMISSION 2	2025-02-28
3	REVISED PR CITY COMMENTS	2025-07-03
4	REVISED PER CITY COMMENTS	2025-08-15

NOT FOR CONSTRUCTION



SEAL



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PROJECT
1850 BANTREE STREET

PROJECT NO: 118204

DRAWN BY: D.D.	CHECKED BY: T.R.B.
PROJECT MGR: T.R.B.	APPROVED BY: S.E.L.

SHEET TITLE
SERVICES AND SEDIMENTATION PLAN

SHEET NUMBER	ISSUE
001	4