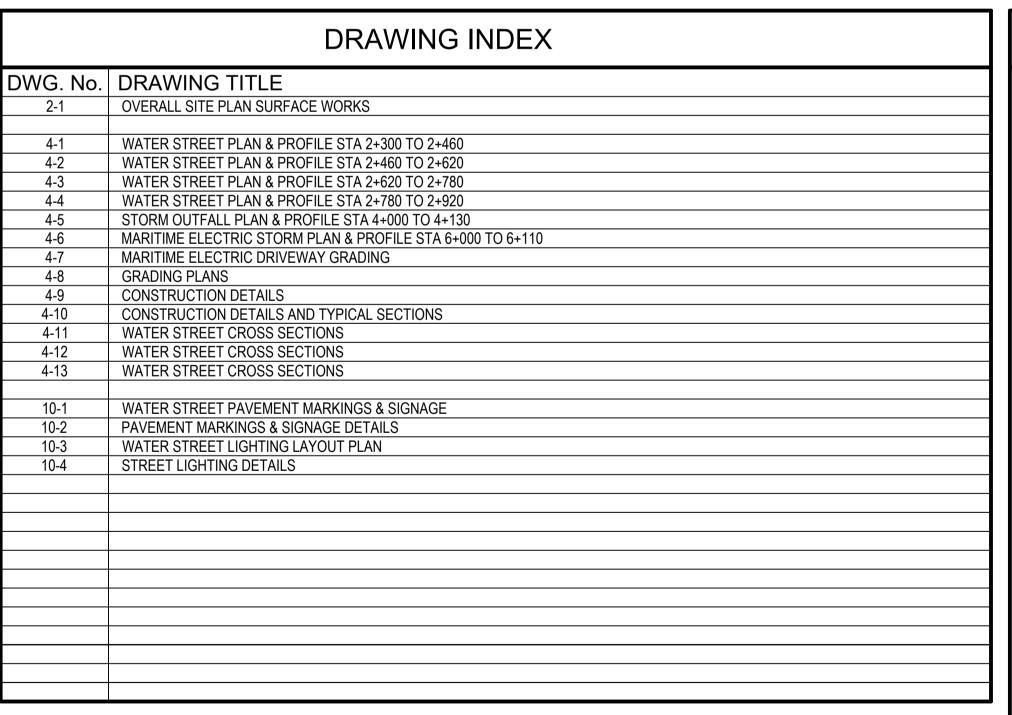
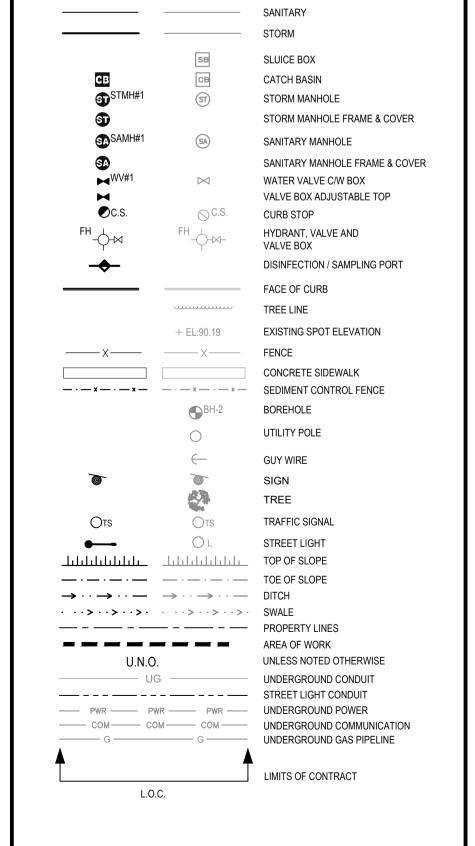
STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

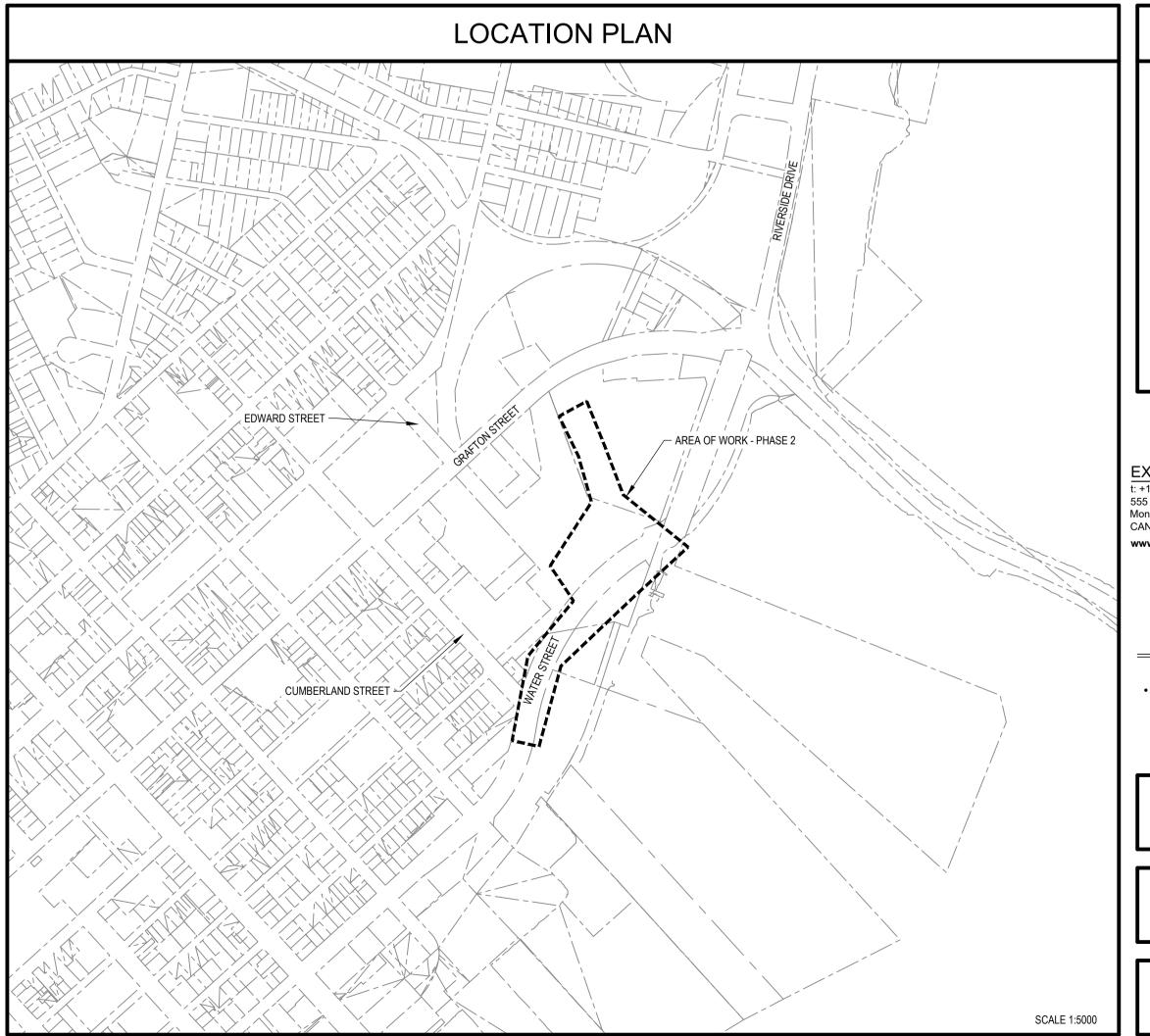
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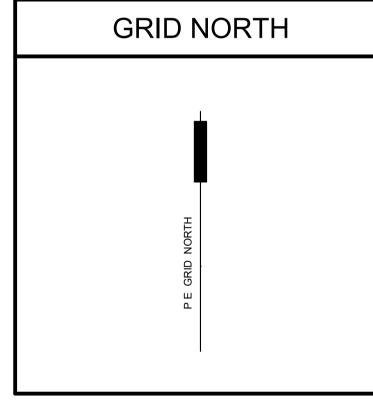






LEGEND





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JANUARY 2024

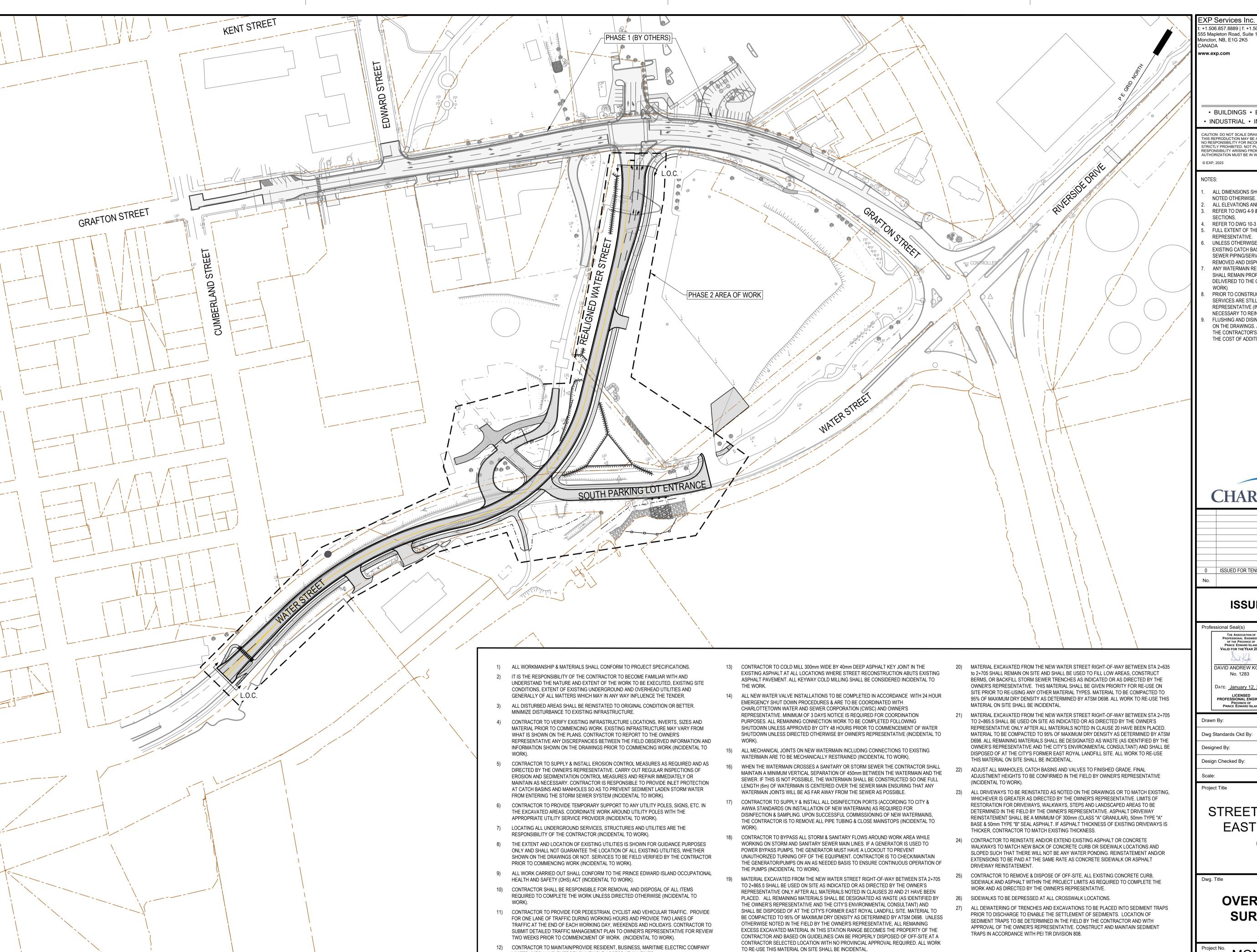
SURVEY REFERENCE DATA

REFERENCE MONUMENT #5952:

NORTHING - 687901.585 EASTING - 391225.592 ELEVATION - 3.414m

NOTE: WHEN CONTRACTOR IS USING HIS OWN SURVEY EQUIPMENT. ELEVATIONS SHOULD

BE TIED TO LOCAL BENCHMARKS ESTABLISHED BY THE CONSULTANT.



LIMITED (MECL) AND EMERGENCY VEHICLE ACCESS AT ALL TIMES.

CONSTRUCTION NOTES

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- REFER TO DWG 10-3 & 10-4 FOR ELECTRICAL STREET LIGHTING DETAILS.
- FULL EXTENT OF THE WORKS TO BE DETERMINED IN FIELD BY OWNER'S
- UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE, ALI EXISTING CATCH BASINS & LEADS, STORM MANHOLES AND STORM SEWER PIPING/SERVICES WITHIN THE PROJECT LIMITS ARE TO BE REMOVED AND DISPOSED OF OFF-SITE. (INCIDENTAL TO THE WORK)
- ANY WATERMAIN RELATED COMPONENTS (E.G. FIRE HYDRANTS, ETC.) SHALL REMAIN PROPERTY OF THE CITY AND SHALL BE SALVAGED AND DELIVERED TO THE CITY'S PUBLIC WORKS GARAGE. (INCIDENTAL TO THE
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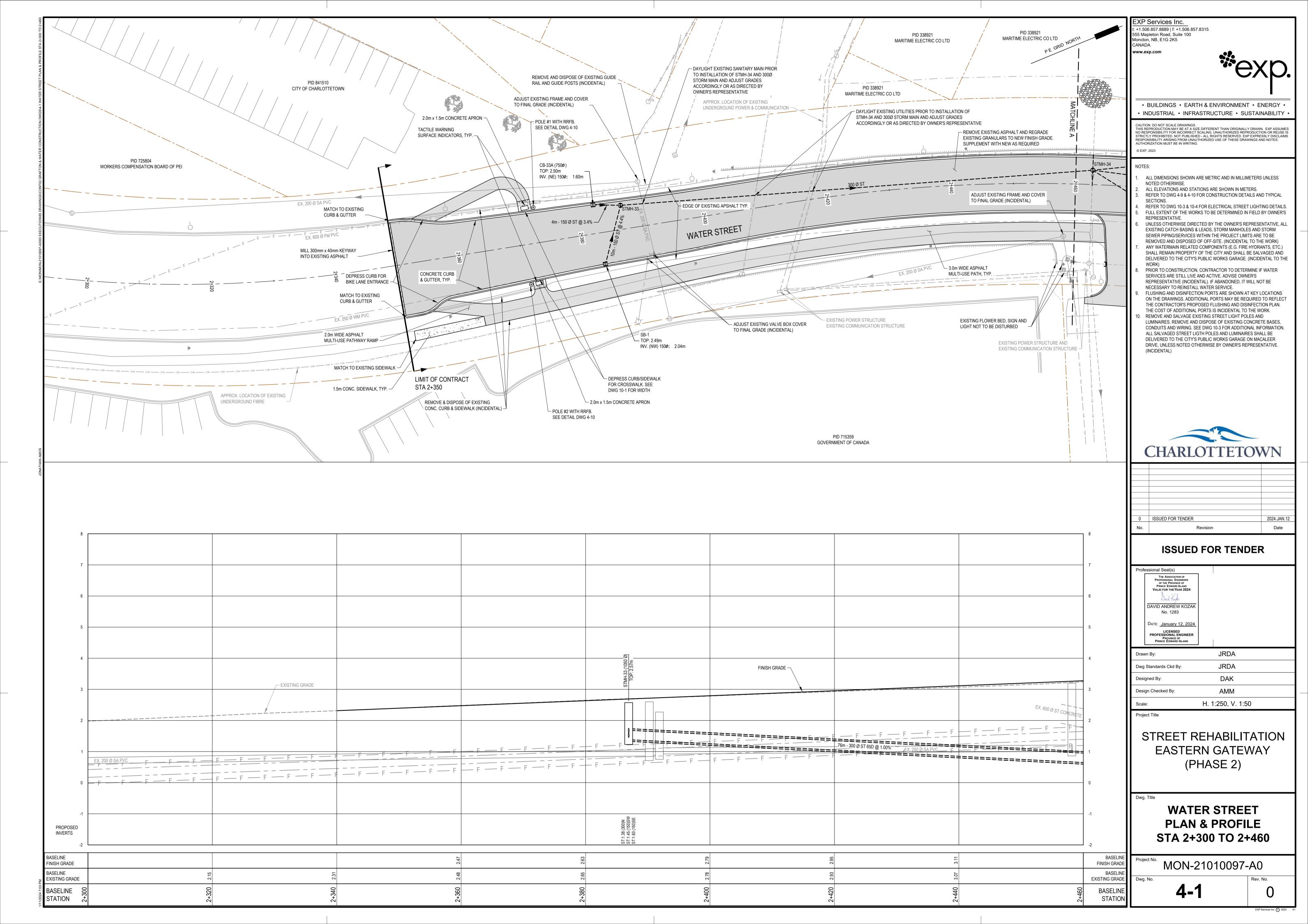
ofessional Seal(s) THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2024 DAVID ANDREW KOZAK No. 1283 Date: <u>January 12, 2024</u> LICENSED
PROFESSIONAL ENGINEER
PROVINCE OF
PRINCE EDWARD ISLAND

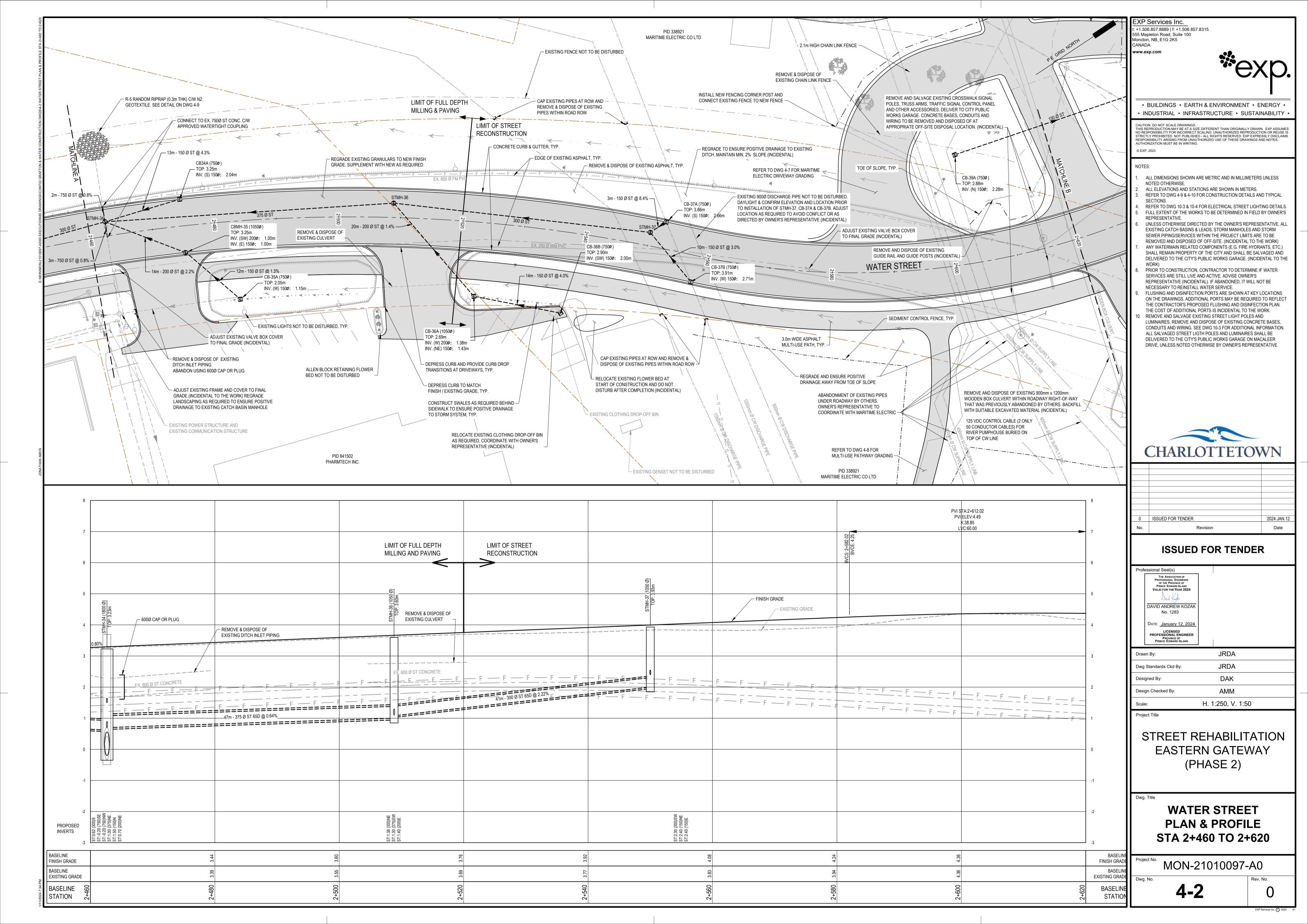
Drawn By:	JRDA
Dwg Standards Ckd By:	JRDA
Designed By:	DAK
Design Checked By:	AMM
Scale:	1:1250

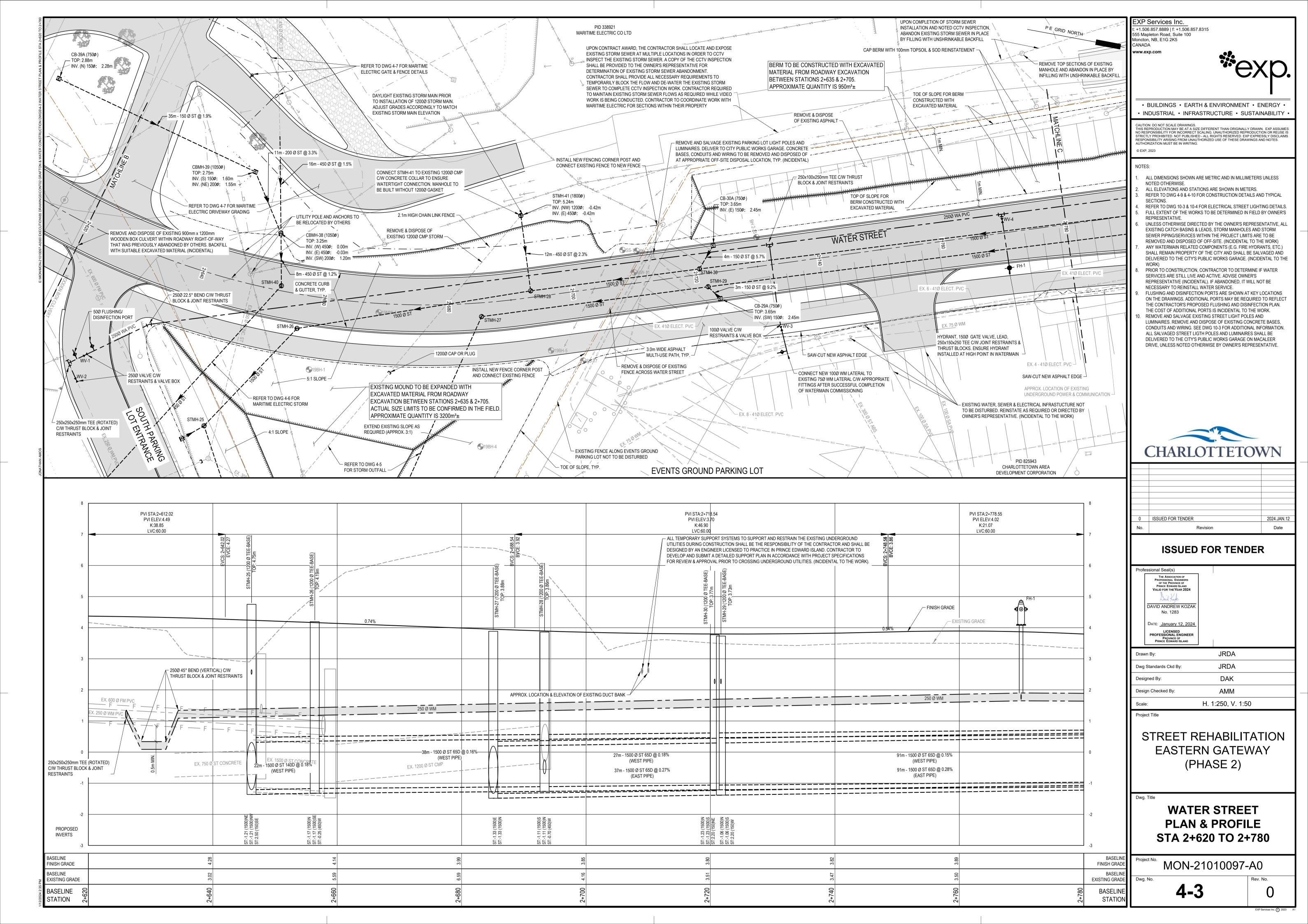
STREET REHABILITATION **EASTERN GATEWAY** (PHASE 2)

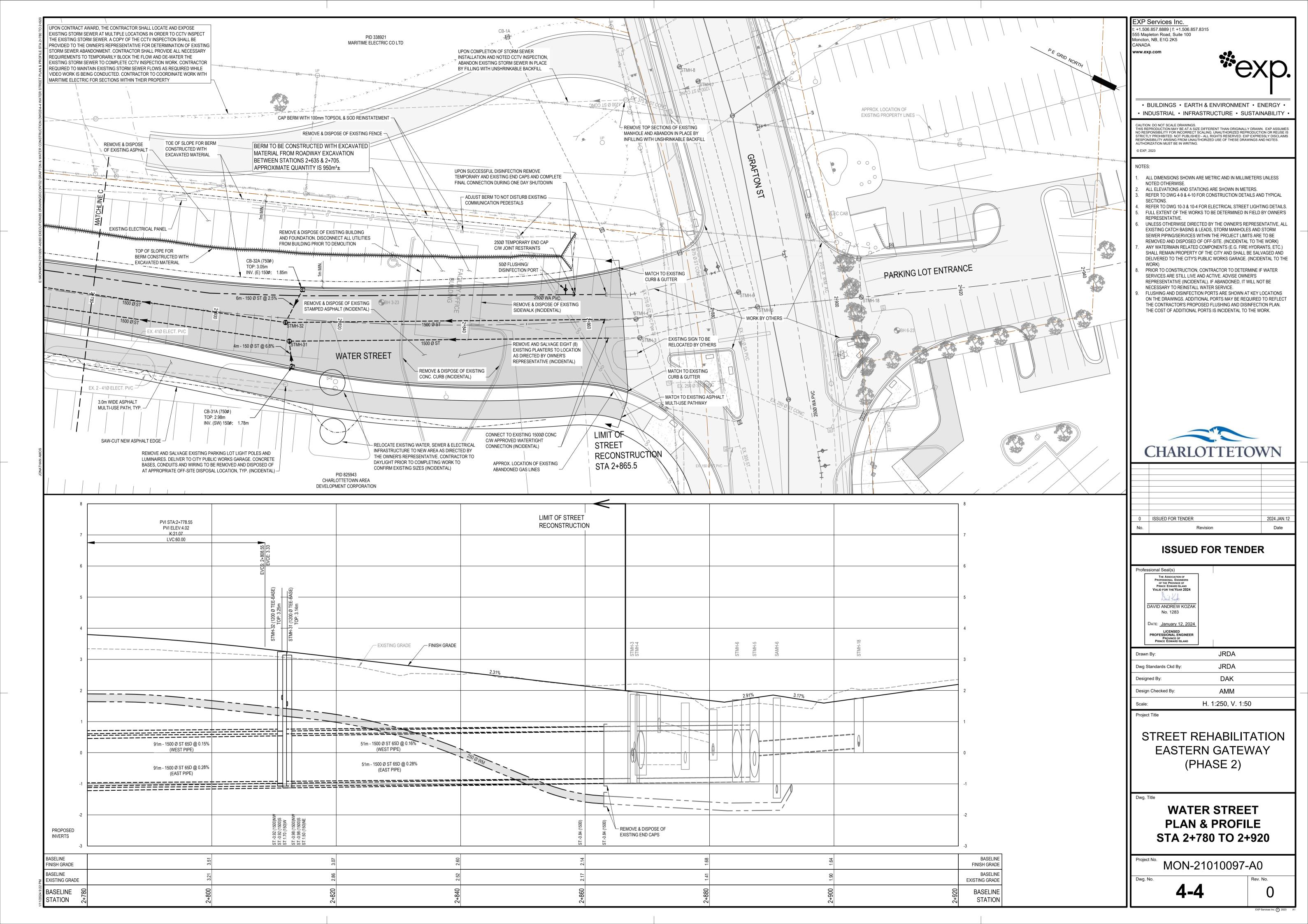
OVERALL SITE PLAN SURFACE WORKS

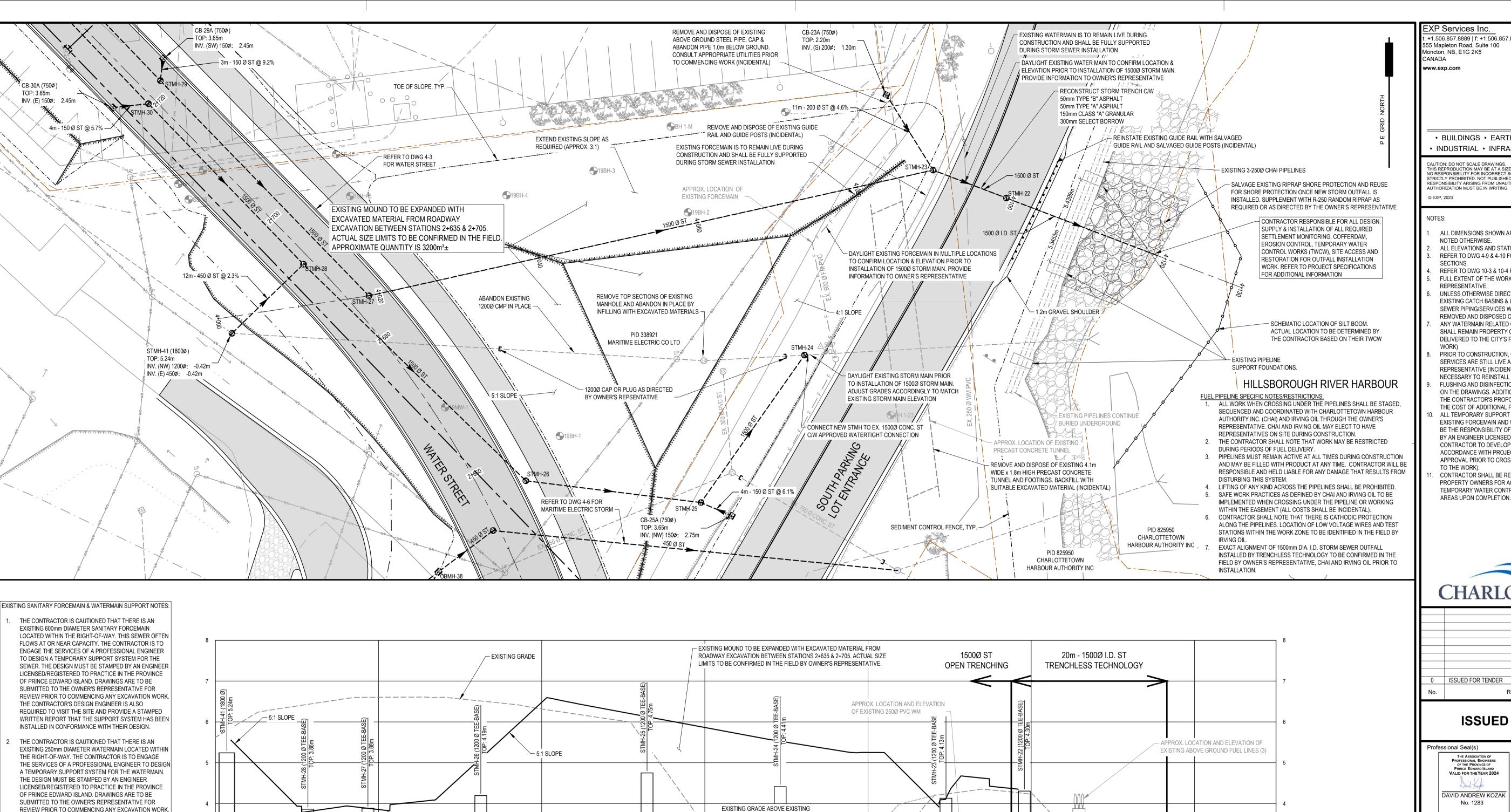
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EXISTING GRADE ABOVE EXISTING PRECAST CONCRETE TUNNEL APPROX. LOCATION OF EXISTING FUEL LINES SUPPORT FOUNDATION AND PILES PPROX. LOCATION AND ELEVATION OF - WATER STREET FINISH GRADE XISTING PRECAST CONCRETE TUNNEL - 250Ø WATERMAIN APPROX. LOCATION AND ELEVATION OF EXISTING 600Ø PVC FM -----------||====== 12m - 450 Ø ST 65D @ 2.30% 22m - 1500 Ø ST 140D @ 0.14% 3T CMP 22m - 1500 Ø ST 140D @ 0.18% 38m - 1500 Ø ST 65D @ 0.16% (WEST PIPE) 71m - 1500 Ø ST 140D @ 0.27% 10m - 1500 Ø ST 65D @ 0.21% 20m - 1500 Ø I.D. ST @ 0.20% (EAST PIPE) (EAST PIPE) ------EXISTING GRADE

THE CONTRACTOR'S DESIGN ENGINEER IS ALSO

INSTALLED IN CONFORMANCE WITH THEIR DESIGN.

REQUIRED TO VISIT THE SITE AND PROVIDE A STAMPED

WRITTEN REPORT THAT THE SUPPORT SYSTEM HAS BEEN

BASELINE

EXISTING GRADE

BASELINE

STATION

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- REFER TO DWG 10-3 & 10-4 FOR ELECTRICAL STREET LIGHTING DETAILS. FULL EXTENT OF THE WORKS TO BE DETERMINED IN FIELD BY OWNER'S
- REPRESENTATIVE UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE, ALL EXISTING CATCH BASINS & LEADS, STORM MANHOLES AND STORM
- SEWER PIPING/SERVICES WITHIN THE PROJECT LIMITS ARE TO BE REMOVED AND DISPOSED OF OFF-SITE. (INCIDENTAL TO THE WORK) ANY WATERMAIN RELATED COMPONENTS (E.G. FIRE HYDRANTS, ETC.) SHALL REMAIN PROPERTY OF THE CITY AND SHALL BE SALVAGED AND DELIVERED TO THE CITY'S PUBLIC WORKS GARAGE. (INCIDENTAL TO THE
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- ALL TEMPORARY SUPPORT SYSTEMS TO SUPPORT AND RESTRAIN THE EXISTING FORCEMAIN AND WATERMAIN DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DESIGNED BY AN ENGINEER LICENSED TO PRACTICE IN PRINCE EDWARD ISLAND. CONTRACTOR TO DEVELOP AND SUBMIT A DETAILED SUPPORT PLAN IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR REVIEW & APPROVAL PRIOR TO CROSSING UNDERGROUND UTILITIES. (INCIDENTAL TO THE WORK)
- CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN PERMISSIONS FROM PROPERTY OWNERS FOR ACCESS TO SHOREFRONT TO CONSTRUCT TEMPORARY WATER CONTROL WORKS. REINSTATE ALL DISTURBED AREAS UPON COMPLETION.

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	0	ISSUED FOR TENDER	2024.JAN.12
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Profe	essional Seal(s)	
	THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2024	
	DAVID ANDREW KOZAK No. 1283	
	DATE: <u>January 12, 2024</u>	
	LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND	

JRDA Drawn By **JRDA** Dwg Standards Ckd By: DAK Design Checked By AMM H. 1:250, V. 1:50

STREET REHABILITATION **EASTERN GATEWAY** (PHASE 2)

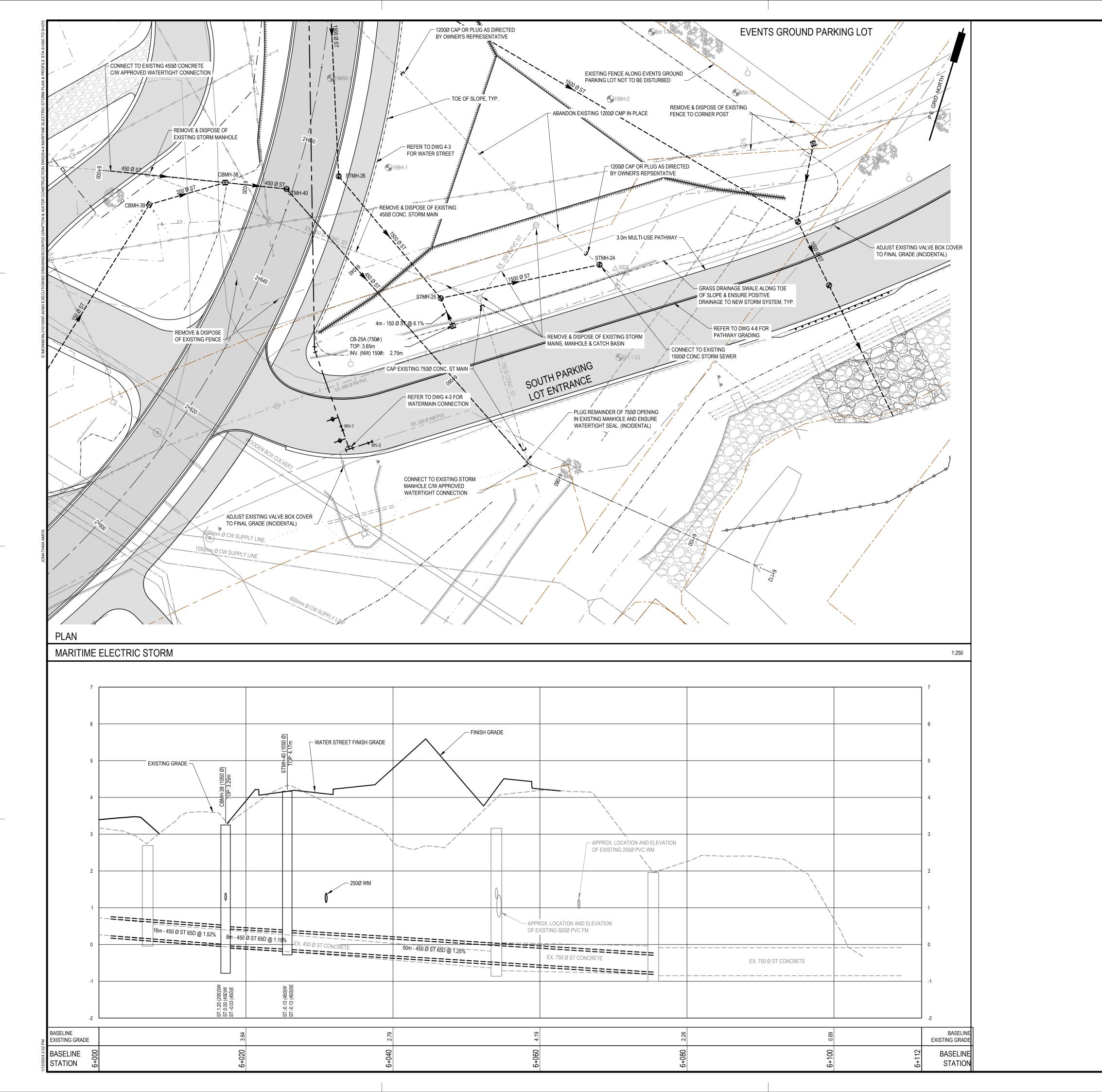
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BASELINE

STATION

STORM OUTFALL **PLAN & PROFILE** STA 4+000 TO 4+130

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Professional Seal(s)

THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2024

DAVID ANDREW KOZAK NO. 1283

DATE: January 12, 2024

LICENSED PROFESSIONAL ENGINEER PROVINCE OF

Drawn By:

Dwg Standards Ckd By:

Designed By:

Design Checked By:

AMM

Scale:

1:250 H., 1:50 V.

Project Title

STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

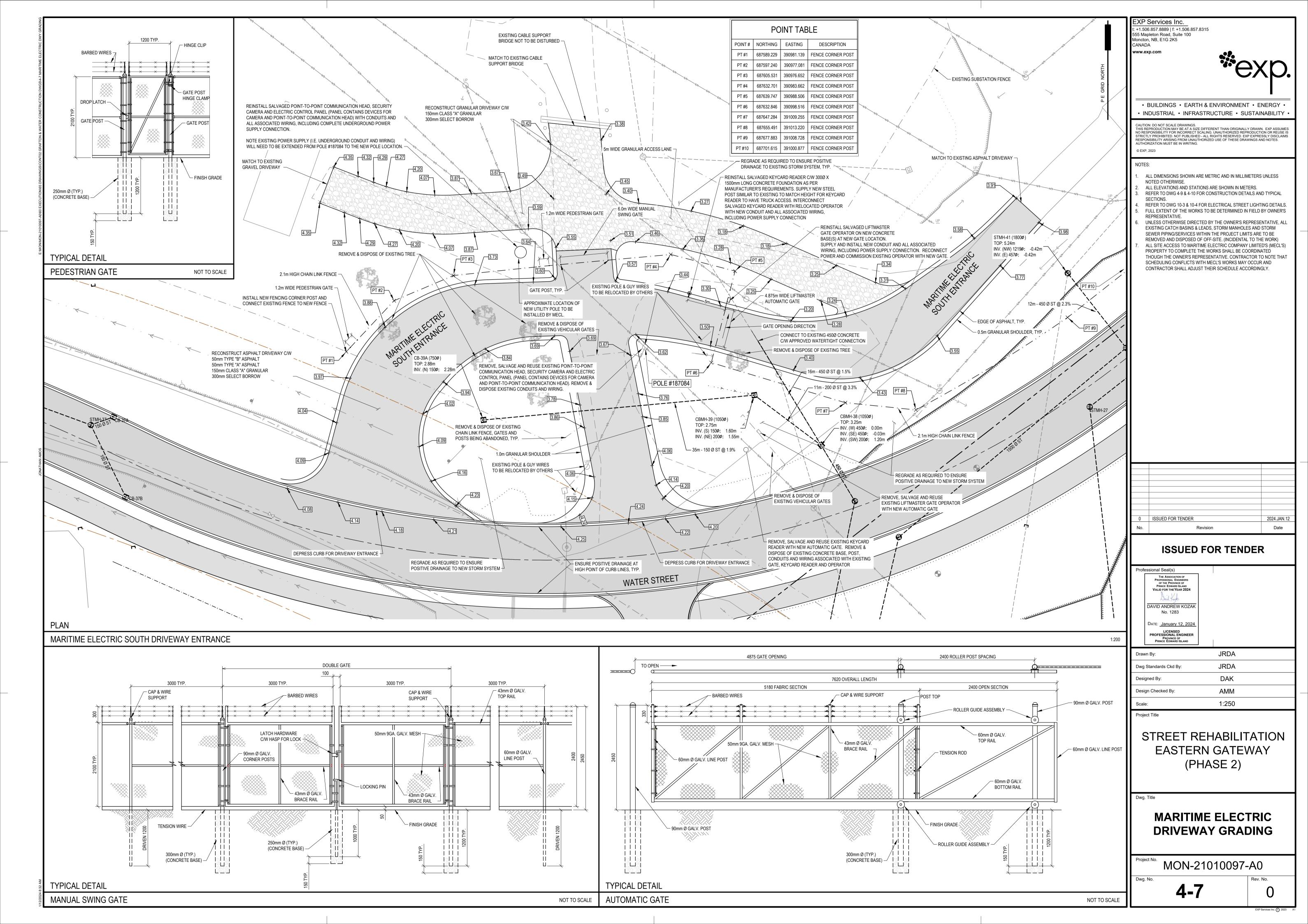
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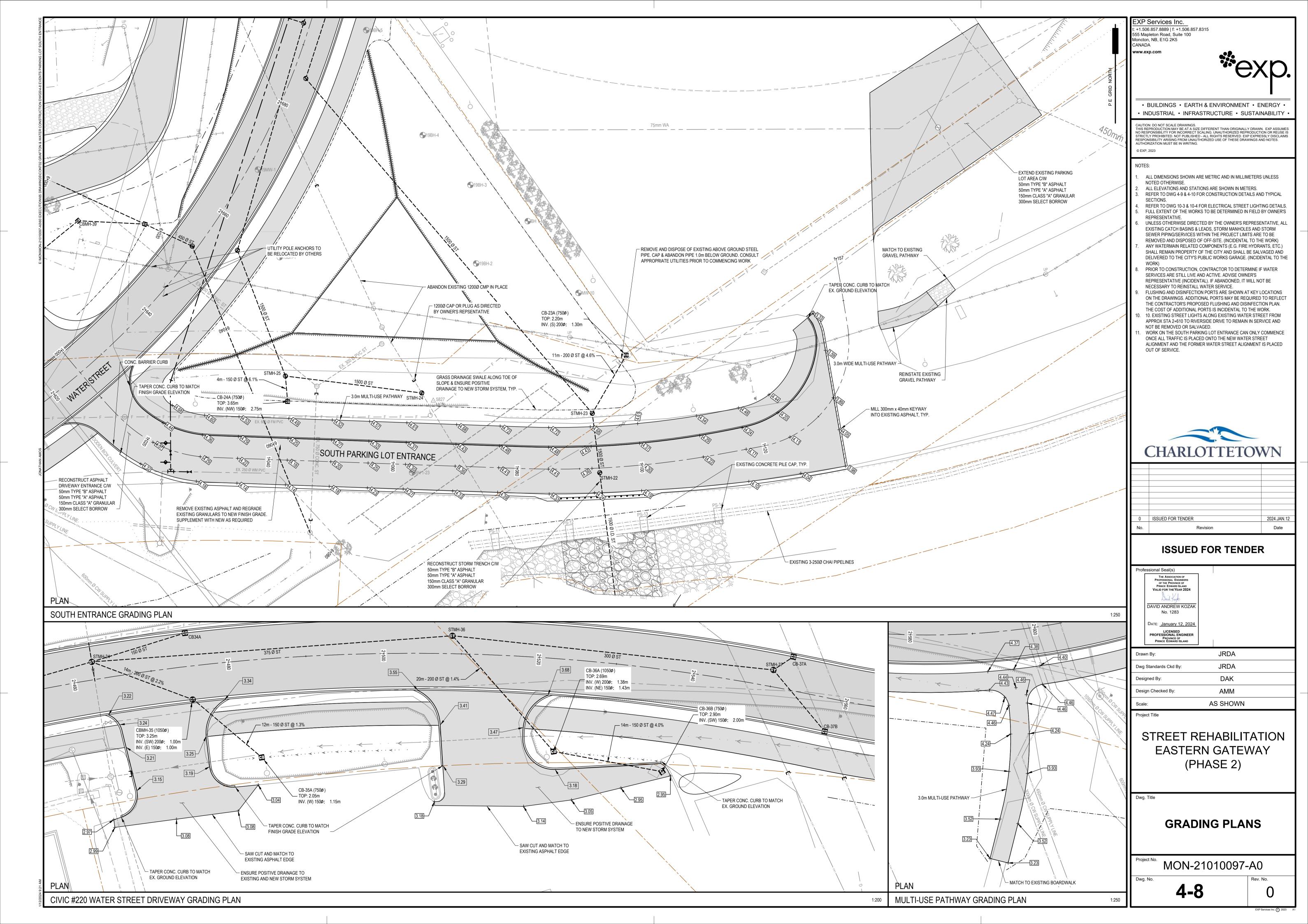
MARITIME ELECTRIC STORM PLAN & PROFILE STA 6+000 TO 6+110

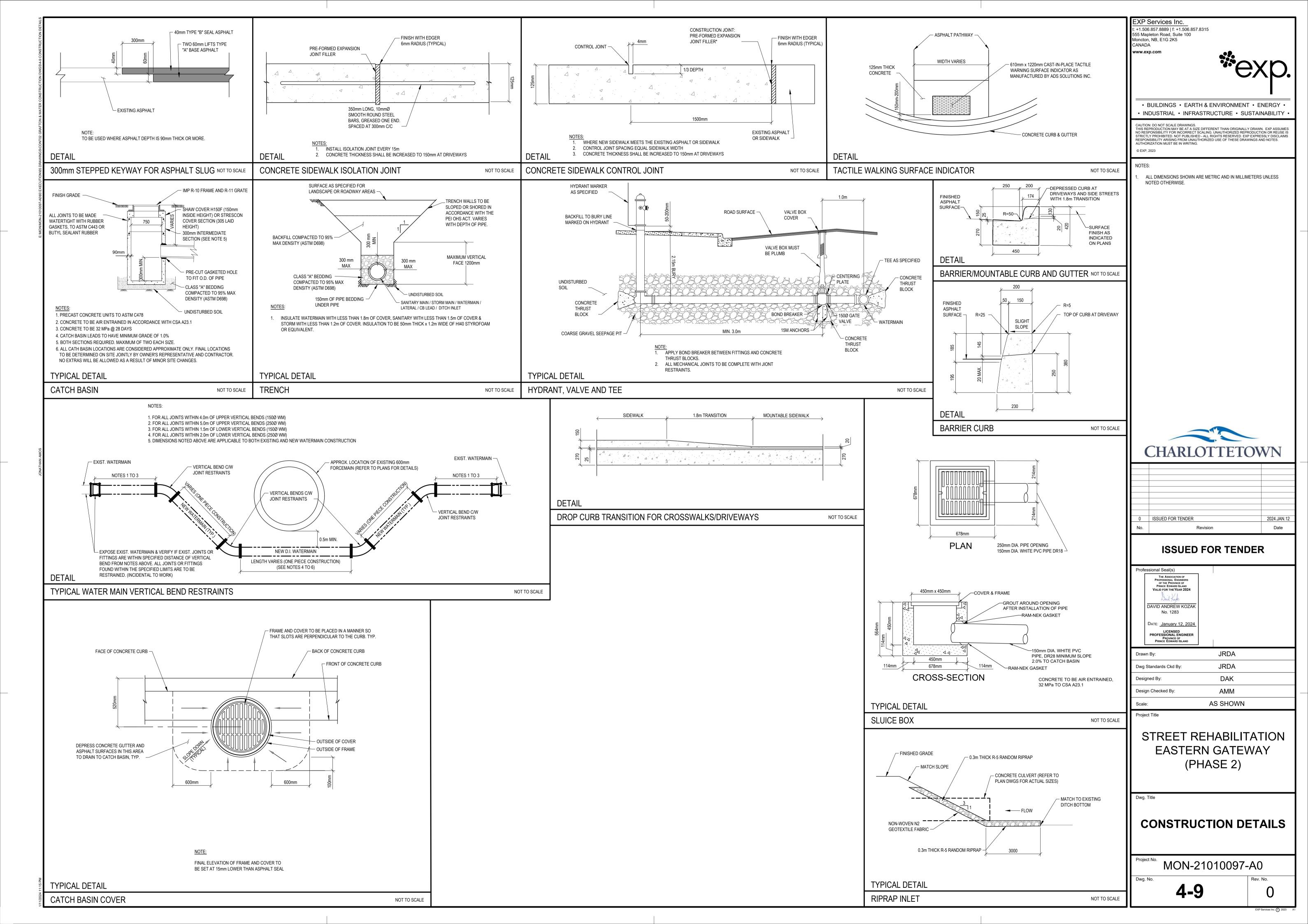
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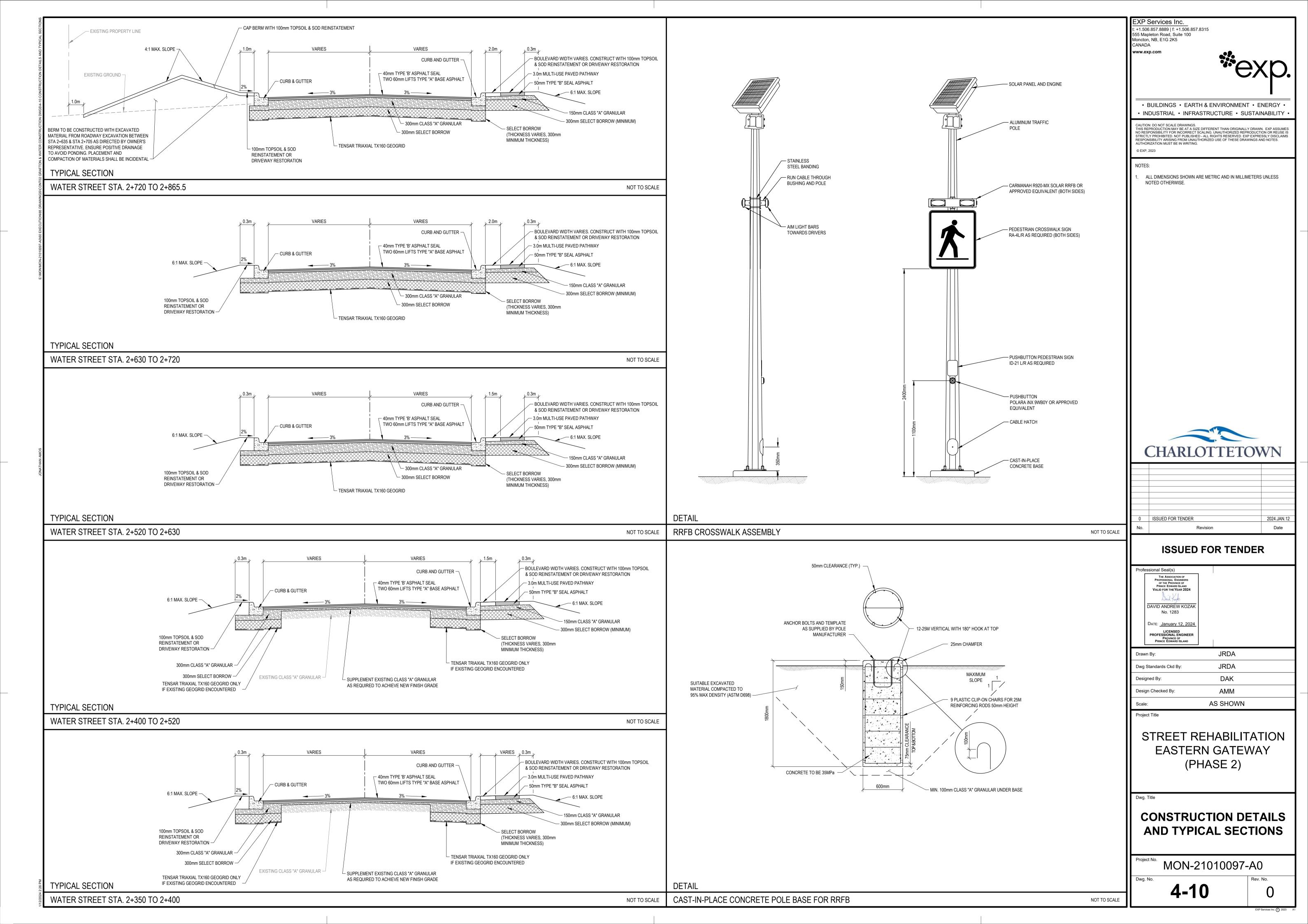
4-6

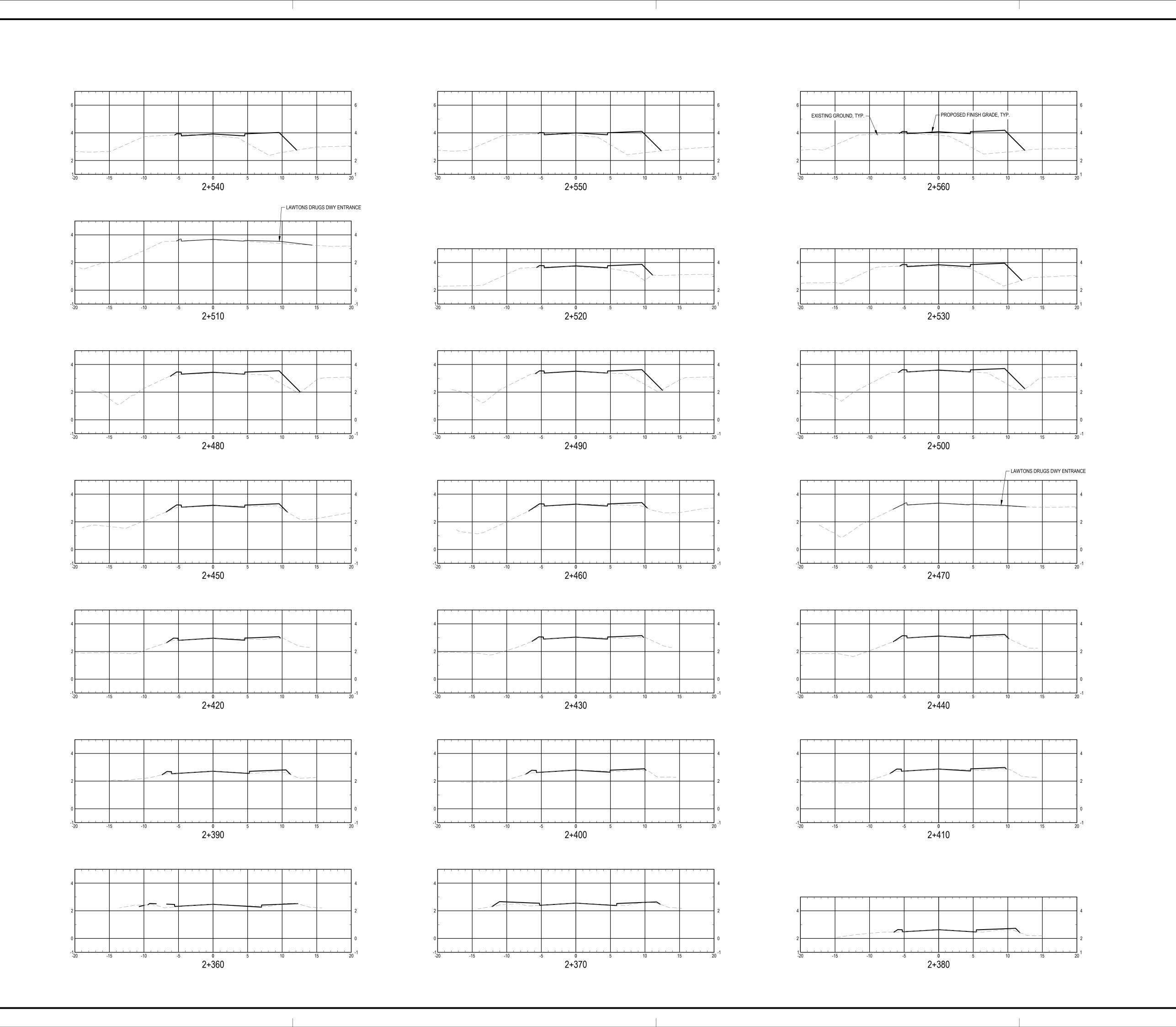
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Profe	Professional Seal(s)		
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	David Loyle		
	DAVID ANDREW KOZAK No. 1283		
	140. 1203		
	Date: <u>January 12, 2024</u>		
	LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND		

Drawn By: JRDA

Dwg Standards Ckd By: JRDA

Designed By: DAK

Design Checked By: AMM

Project Title

STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

1:250 HORIZ., 1:125 VERT.

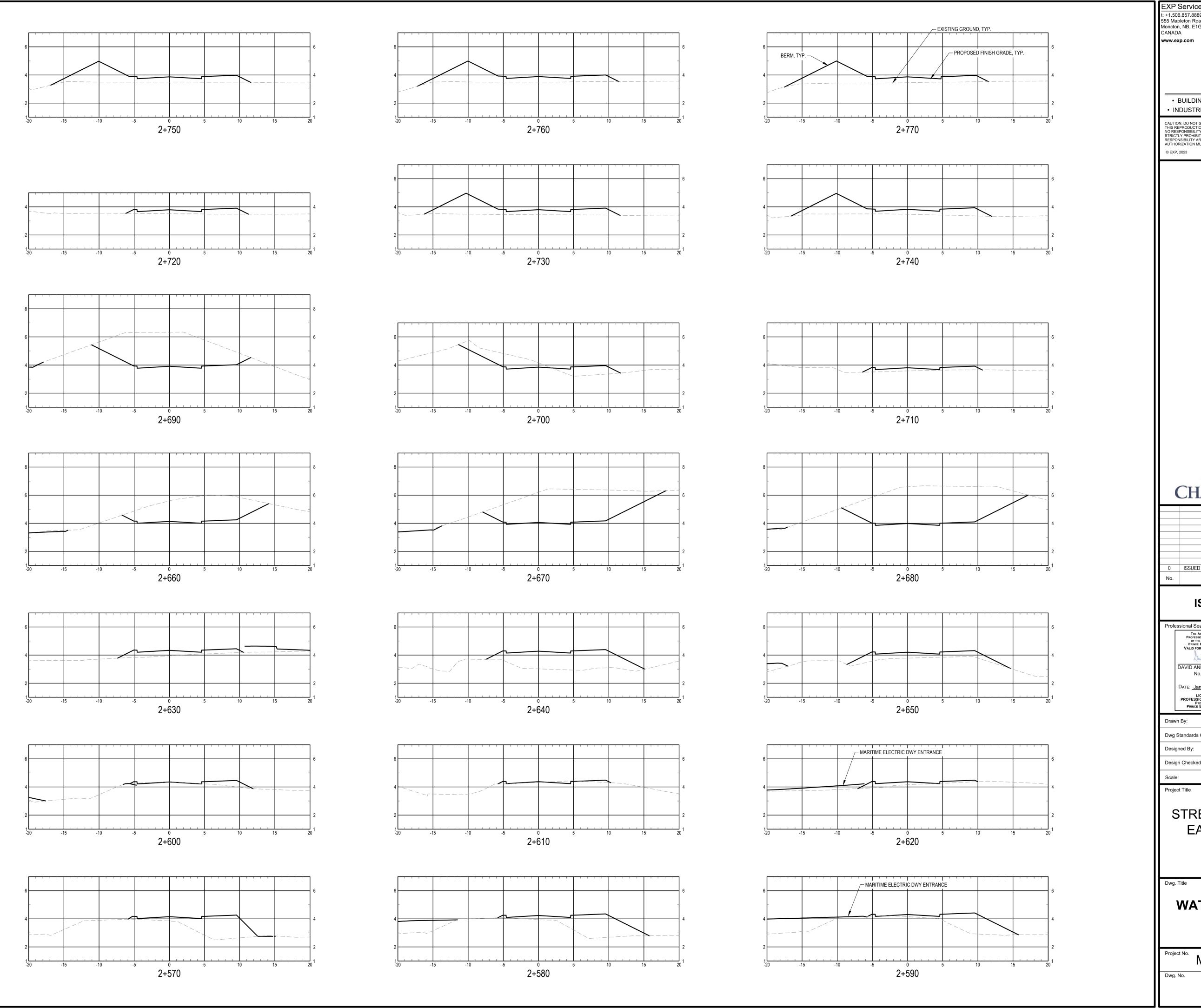
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WATER STREET CROSS SECTIONS

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4-11

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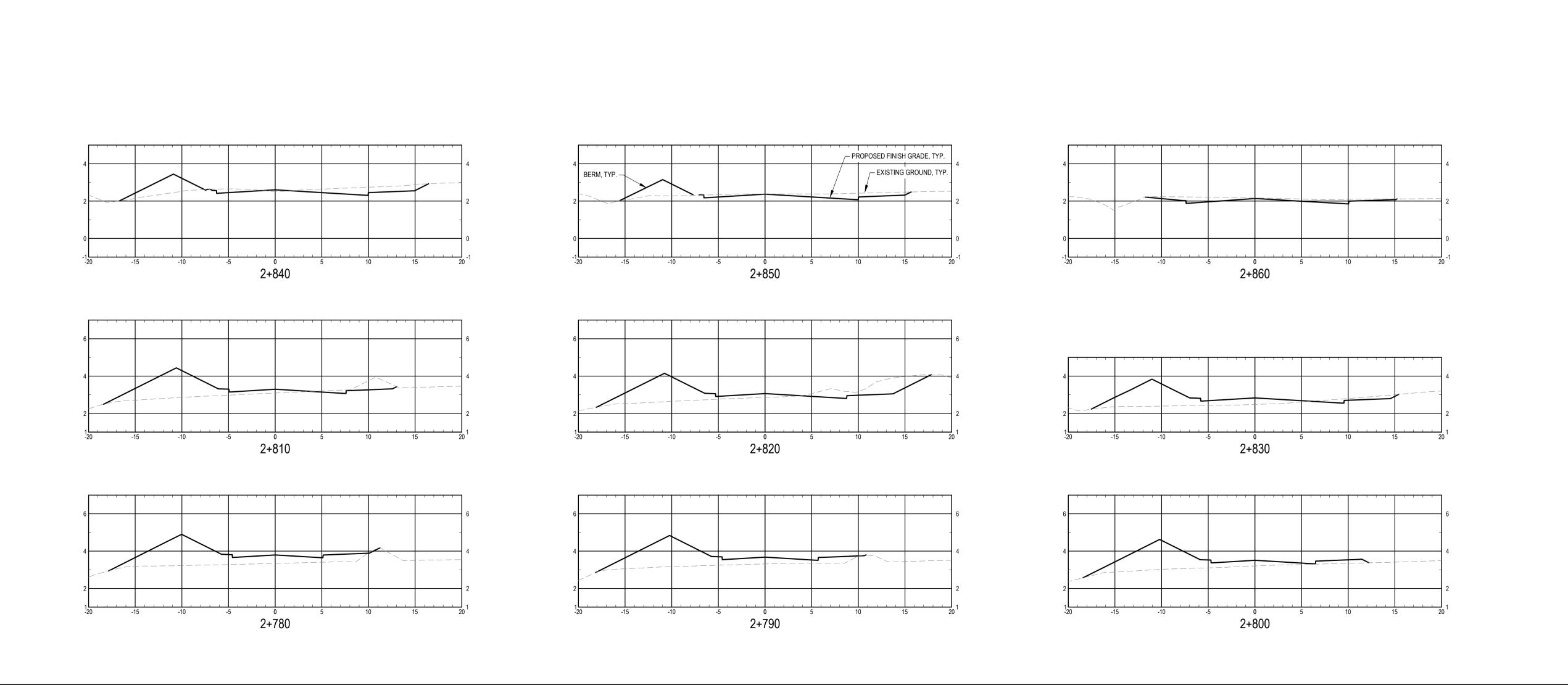
Professional Seal(s) THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF THE PROVINCE OF PRINCE EDWARD ISLAND VALID FOR THE YEAR 2024 DAVID ANDREW KOZAK No. 1283 DATE: <u>January 12, 2024</u>

JRDA JRDA Dwg Standards Ckd By: DAK 1:250 HORIZ., 1:125 VERT.

STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

WATER STREET CROSS **SECTIONS**

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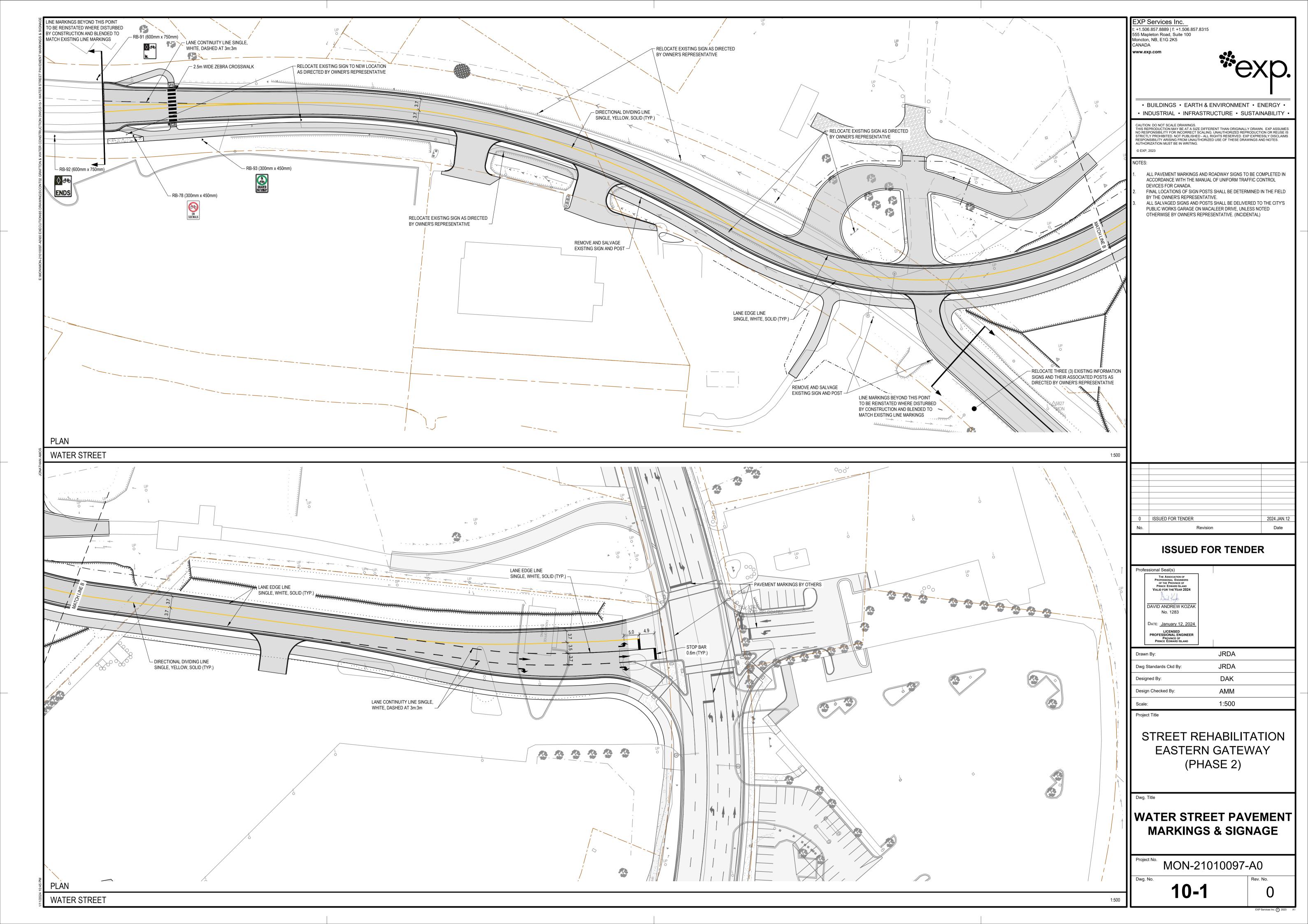
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	Drawn By:	JRDA
	Dwg Standards Ckd By:	JRDA
Iľ	Designed By:	DAK
	Design Checked By:	AMM
	Scale:	1:250 HORIZ., 1:125 VERT.

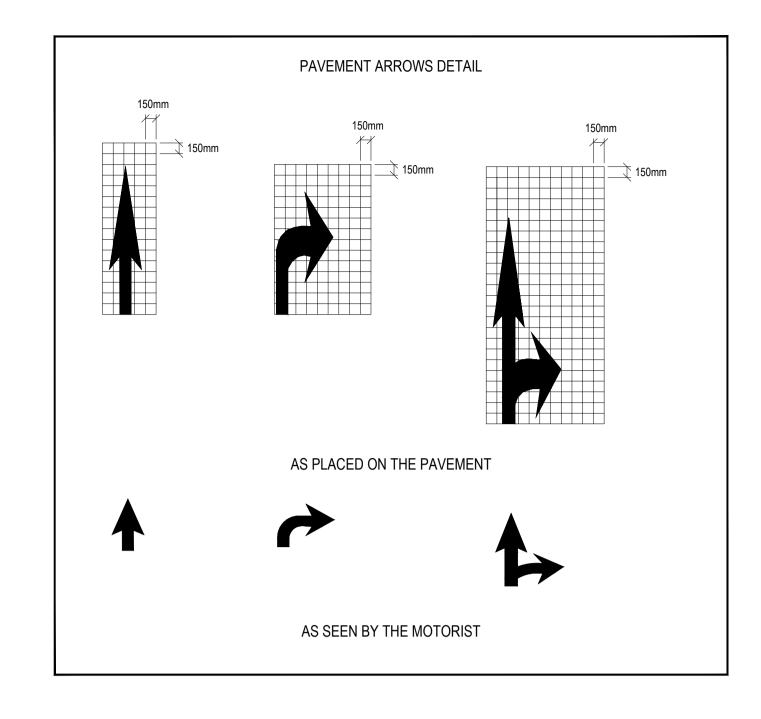
STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

WATER STREET CROSS **SECTIONS**

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		ONGITUDINAL AND TRANSVERSE PAVEMENT MARKING		I
	NAME	LENGTH DIMENSIONS (m) WIDTH DIMENSIONS (m)	COLOUR	USE
1	STOP BAR	600	WHITE	INTERSECTION STOP LINES
2	ZEBRA CROSSWALK LINE	2500 MIN.	WHITE	ZEBRA CROSSWALK
3	CROSSWALK LINE	2500 MIN. 2000 OR 3000	WHITE	TWIN PARALLEL LINE CROSSWALK
4	SINGLE CENTRELINE	100 OR 150	YELLOW	DIRECTIONAL DIVIDING LINES
(5)	DOUBLE CENTRELINE	150 150 150	YELLOW	DIRECTIONAL DIVIDING LINES
6	LANE EDGE AND BIKE LANE LINE	100 OR 150	WHITE	LANE EDGE LINES, LINES PROHIBITING LANE CHANGES REFER TO PAVEMENT MARKIN DRAWING
7	LANE EDGE AND BIKE LANE LINE	H1000 H1000	WHITE	CONTINUITY LINES IN MERGIN AND DIVERGING AREAS, BIKE LANE DISCONTINUATION
8	LANE EDGE LINE, DASHED	3000 3000 3000 3000	WHITE	CONTINUITY LINES IN MERGIN AND DIVERGING AREAS, SPECIAL FUNCTION LANE LINE
9	LANE EDGE LINE, BROKEN	3000 6000 3000	WHITE	CONTINUITY LINES (THRU LANES)
10	ARROW	SEE ARROW DETAIL	WHITE	PERMITTED DIRECTION OF TRAVEL



DETAIL

PAVEMENT MARKINGS

NOT TO SCALE

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ALL PAVEMENT MARKINGS AND ROADWAY SIGNS TO BE COMPLETED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.



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	DAVID ANDREW KOZAK			
	No. 1283			
	DATE: <u>January 12, 2024</u>			
	LICENSED PROFESSIONAL ENGINEER PROVINCE OF PRINCE EDWARD ISLAND			

Drawn By:	JRDA	
Dwg Standards Ckd By:	JRDA	
Designed By:	DAK	
Design Checked By:	AMM	
Scale:	NOT TO SCALE	

STREET REHABILITATION EASTERN GATEWAY (PHASE 2)

PAVEMENT MARKINGS & SIGNAGE DETAILS

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