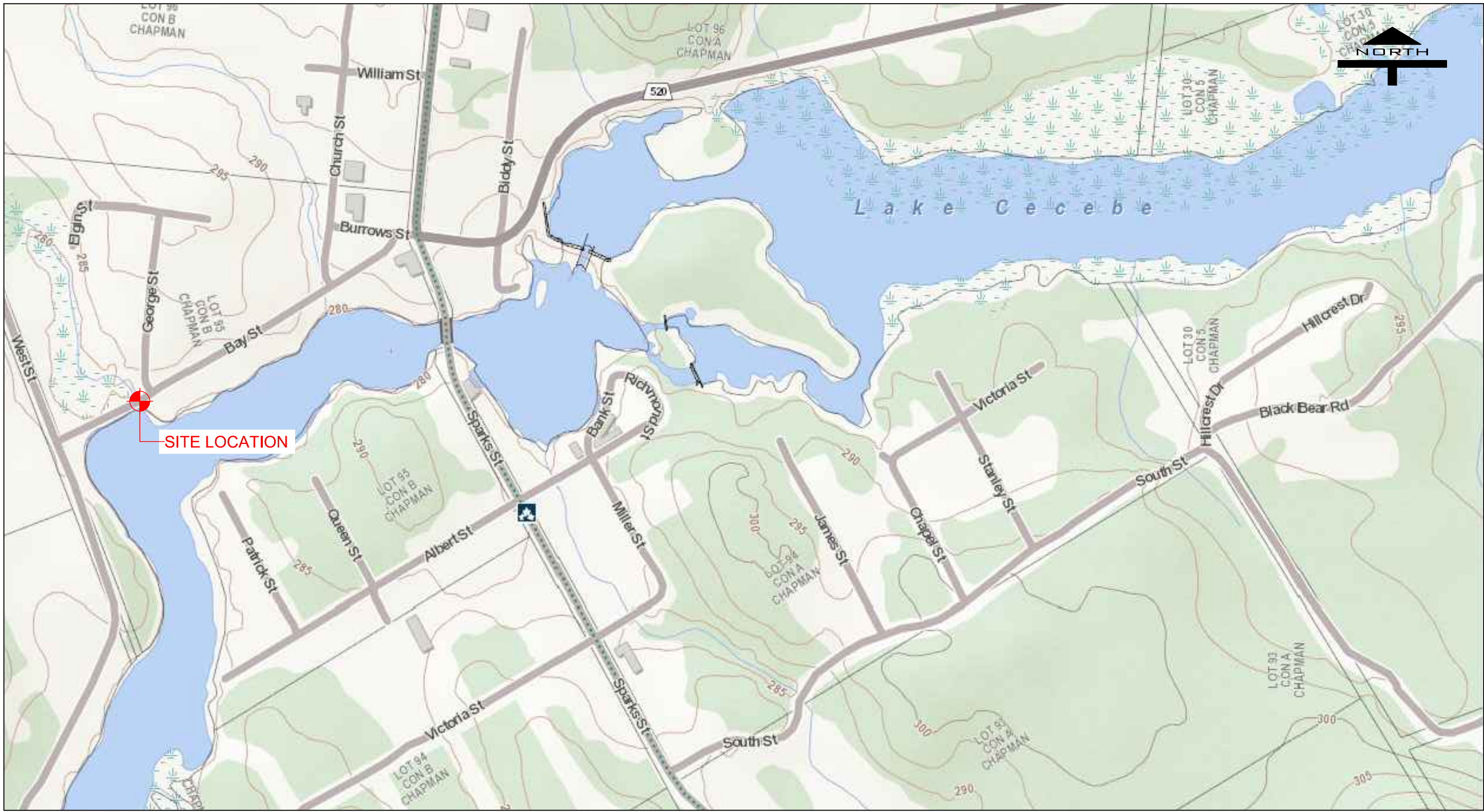


# MUNICIPALITY OF MAGNETAWAN

# BAY STREET BRIDGE REHABILITATION

BAY STREET  
MAGNETAWAN, ONTARIO



SITE GEOGRAPHIC LOCATION:  
45.663104, -79.648874

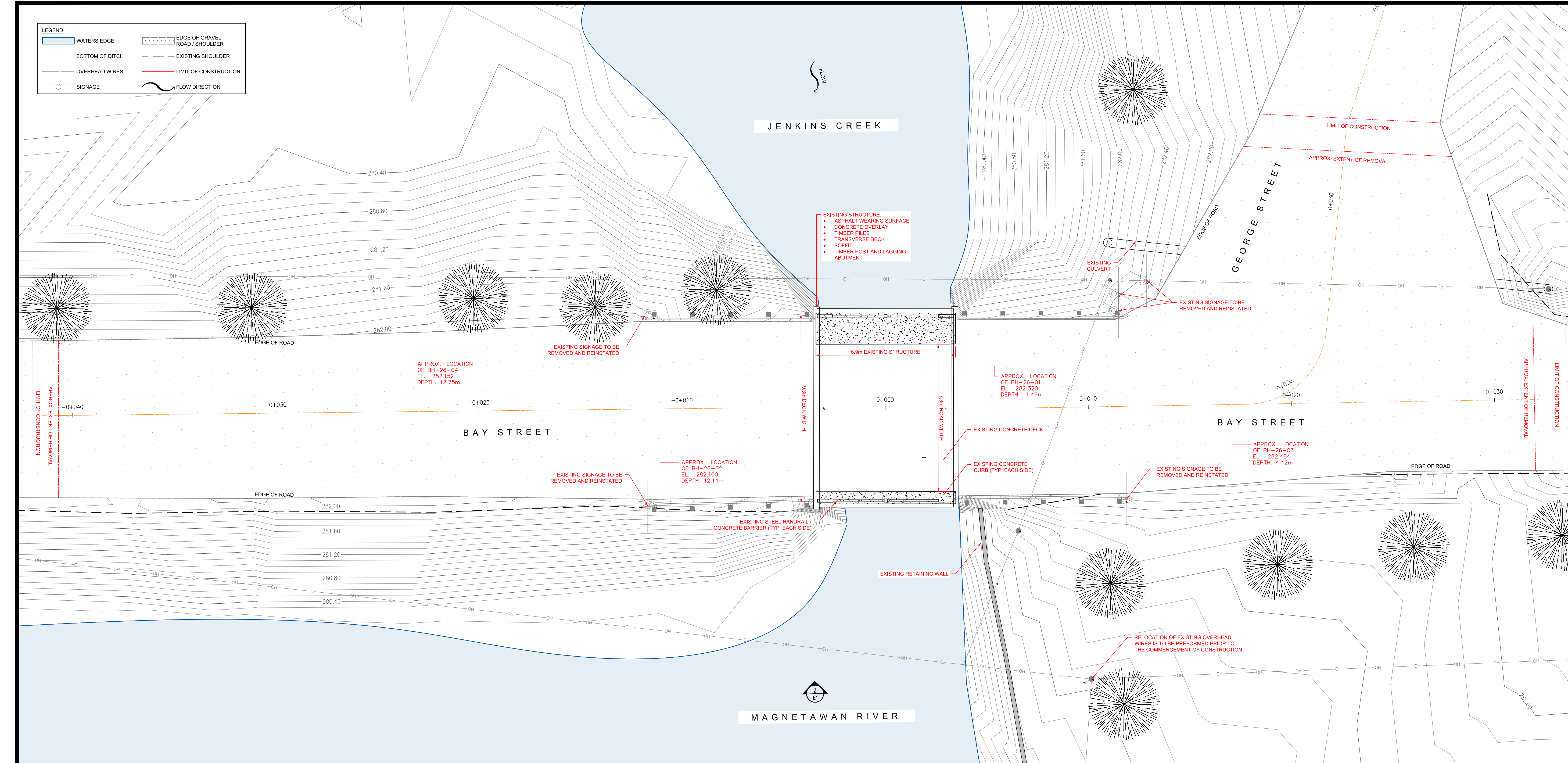
| LIST OF DRAWINGS |      |                                             |
|------------------|------|---------------------------------------------|
| No.              | Rev. | DRAWING DESCRIPTION                         |
| E1               | 1    | EXISTING CONDITIONS AND REMOVALS            |
| E2               | 1    | ENVIRONMENTAL PROTECTION PLAN               |
| S1               | 1    | PROPOSED CONDITIONS PLAN AND PROFILE        |
| S2               | 1    | PROPOSED SECTIONS AND DETAILS               |
| S3               | 1    | PROPOSED ABUTMENT DETAILS AND GENERAL NOTES |
|                  |      |                                             |
|                  |      |                                             |
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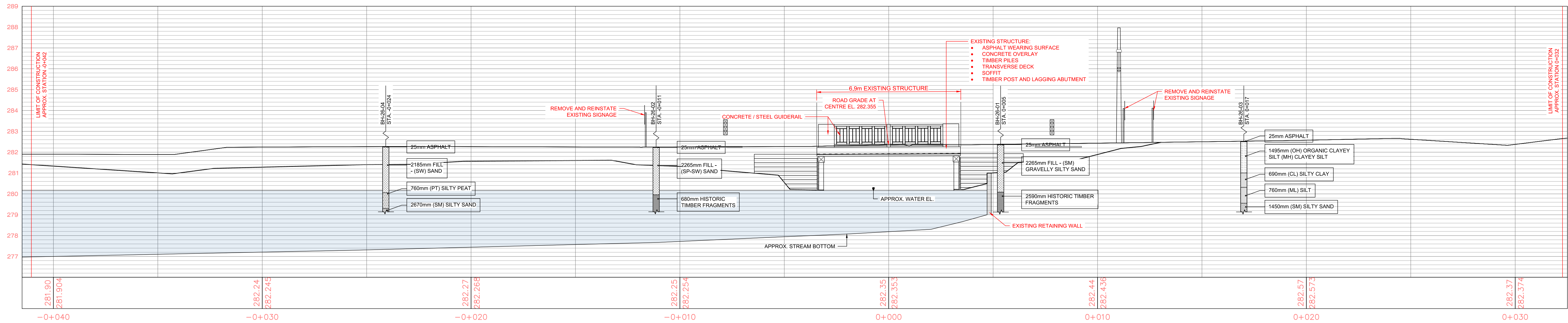
Municipality of  
Magnetawan



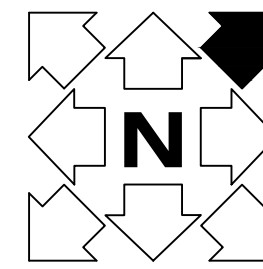
PROJECT No. 26-0649



1 EXISTING CONDITIONS AND REMOVALS - PLAN VIEW  
SCALE 1:100



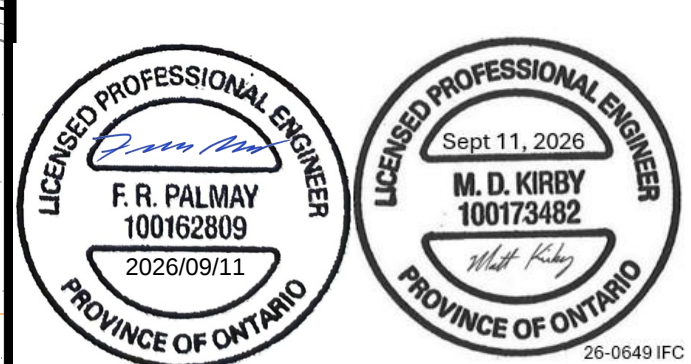
2 EXISTING CONDITIONS AND REMOVALS - ELEVATION VIEW  
SCALE 1:100



KEY PLAN



ENGINEER'S SEAL:



|            |      |                         |    |       |
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| 2026/09/11 | 1    | ISSUED FOR CONSTRUCTION | HD | FP    |
| 2026/08/21 | 0    | ISSUED FOR REVIEW       | HD | FP    |
| DATE       | REV. | REVISION                | BY | APP'D |

CLIENT:



CONSULTANT:



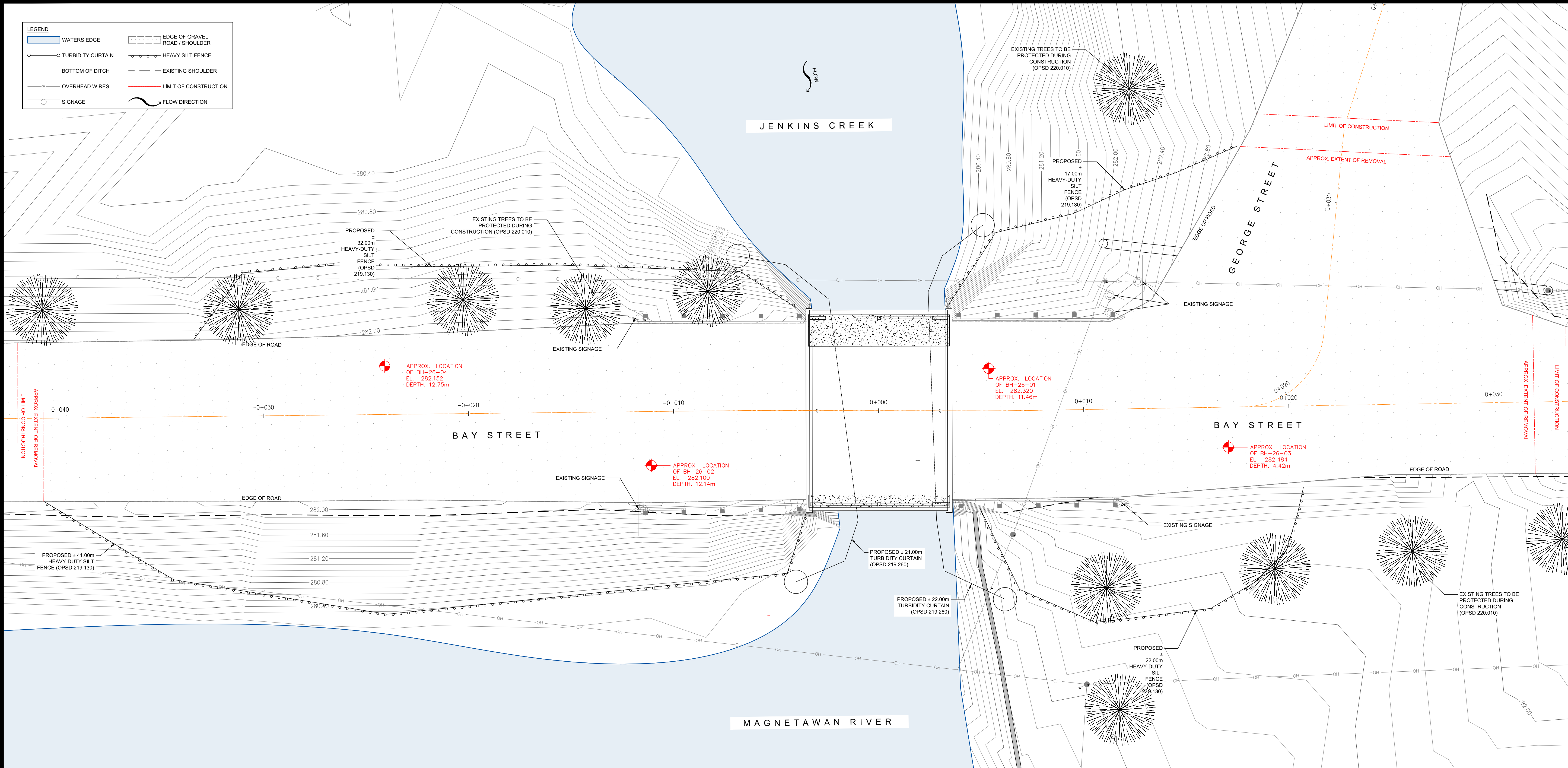
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**BAY STREET BRIDGE  
REHABILITATION**

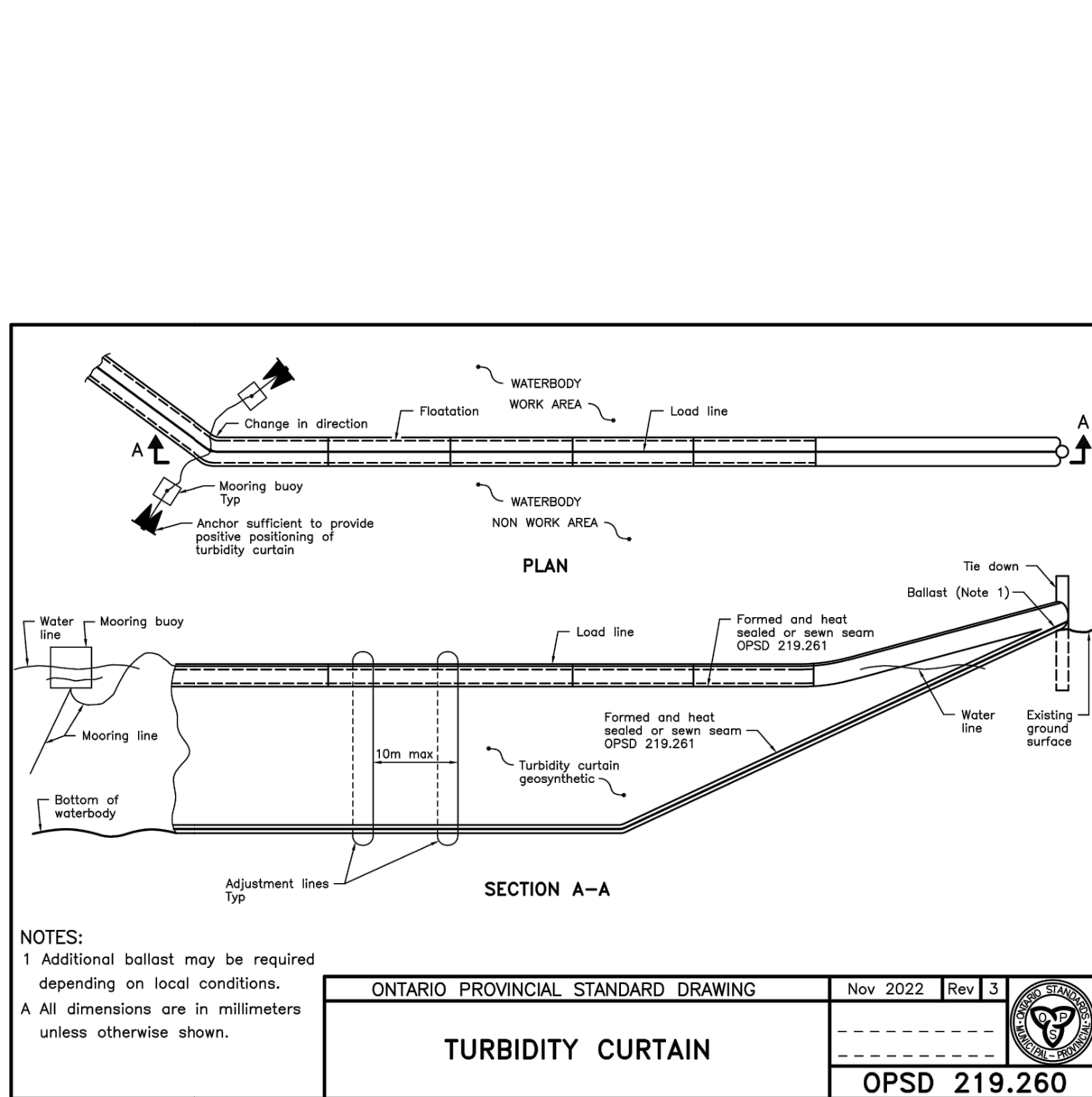
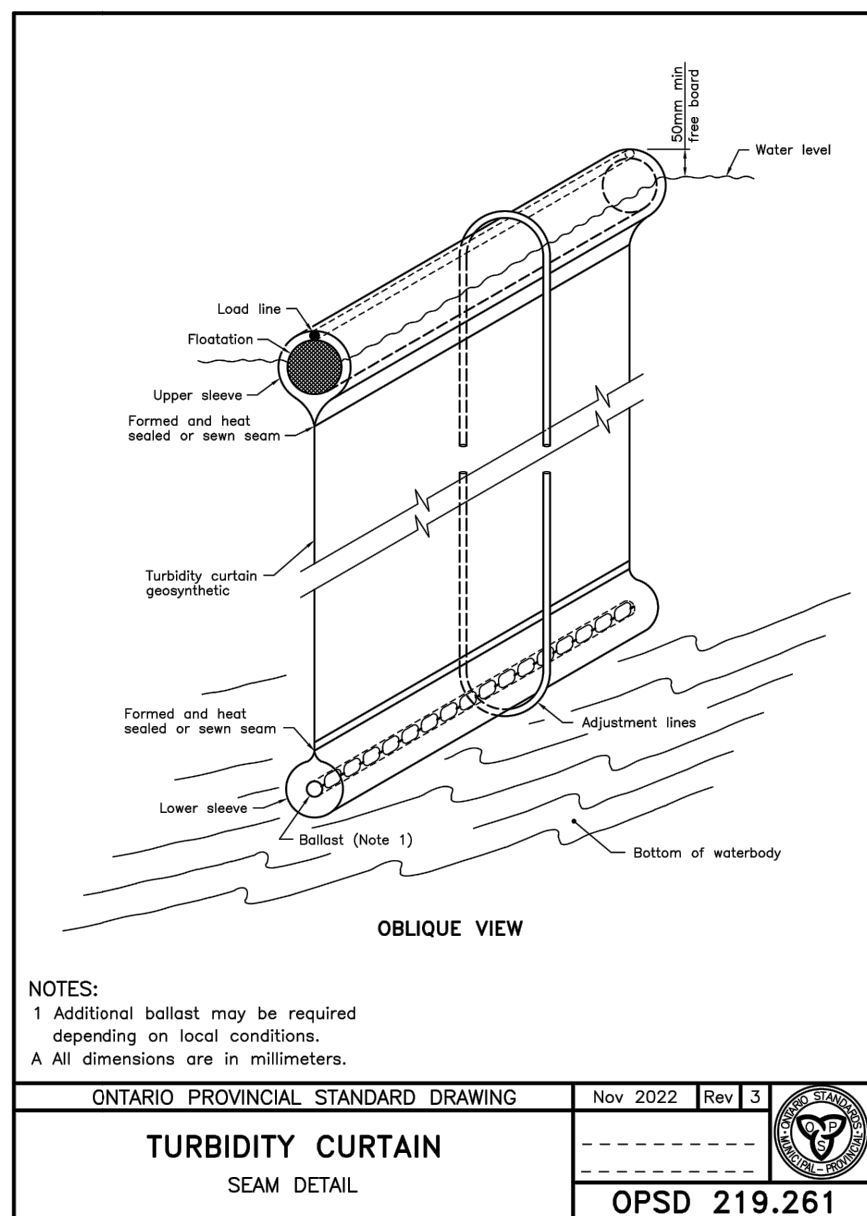
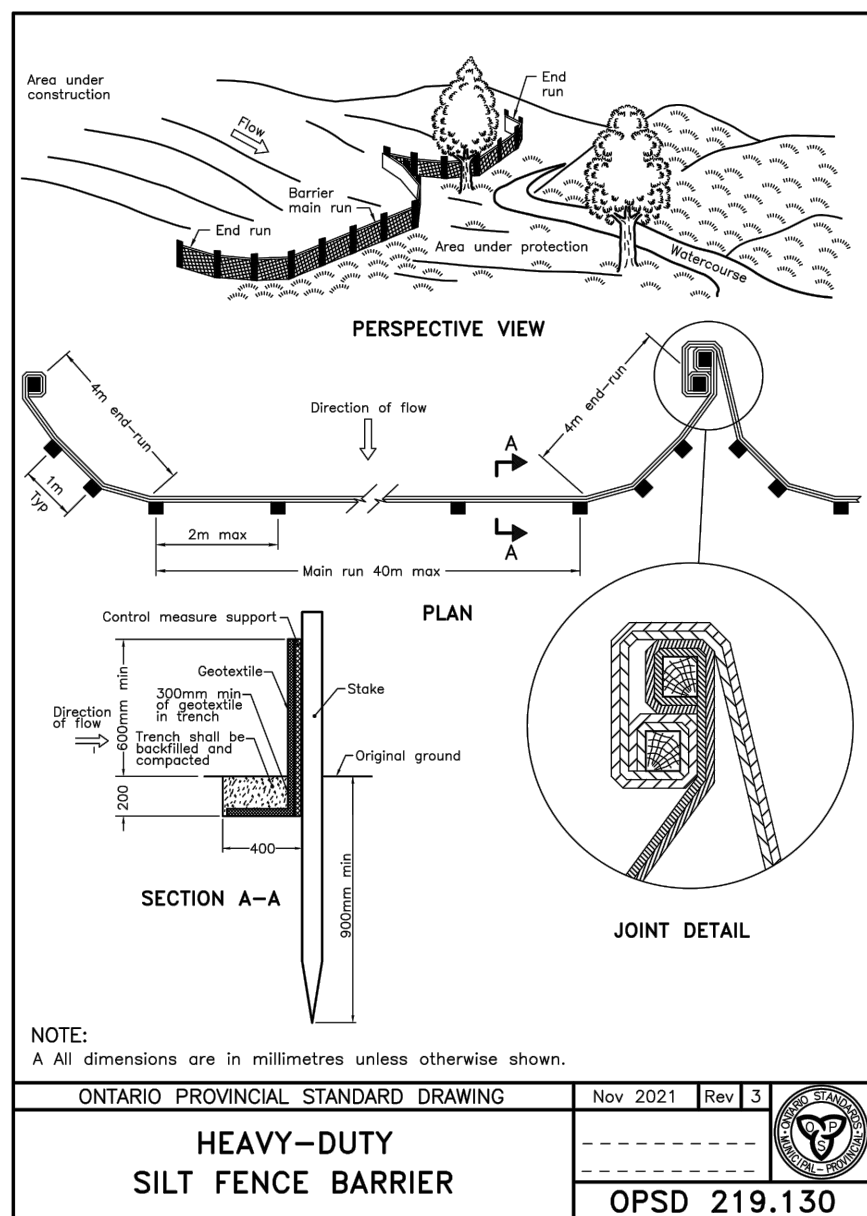
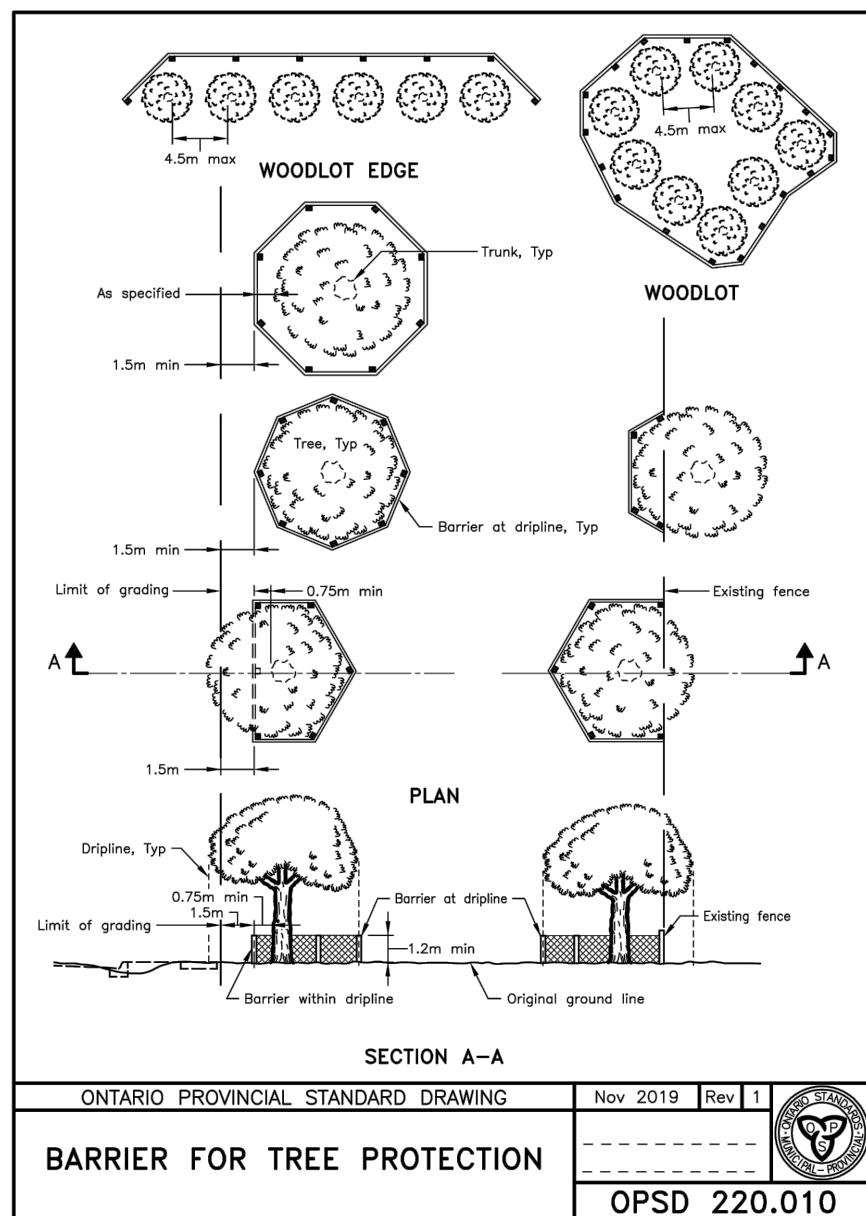
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**EXISTING CONDITIONS  
AND REMOVALS**

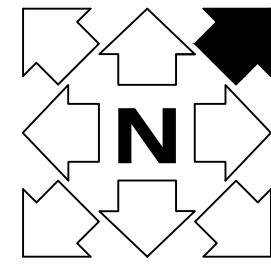
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| AS NOTED    |          | 2026/09/11 |          |
| SCALE       |          | DATE       |          |
| 260649      | 1        | E1         |          |
| PROJECT No. | REVISION | DRAWING    |          |



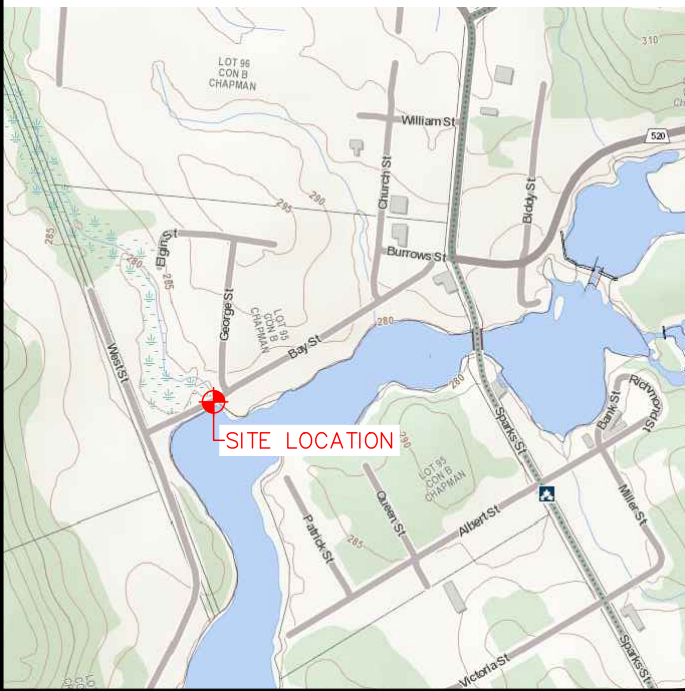
1 ENVIRONMENTAL PROTECTION PLAN  
E2 SCALE 1:100



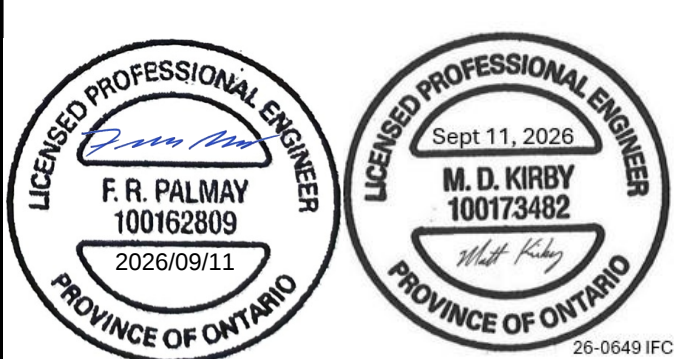
| SEDIMENT AND EROSION CONTROL STRATEGIES                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. PRE-CONSTRUCTION SITE ACTIVITIES                                                                                                                                                                                                                                                                                                 | 5. SEQUENCE FOR BRIDGE INSTALLATION                                                                                                                                                                                                                        |
| 1.1 ALL MATERIALS AND EQUIPMENT USED FOR THE PURPOSE OF SITE PREPARATION AND PROJECT COMPLETION SHOULD BE OPERATED AND STORED IN A MANNER THAT PREVENTS ANY DELETERIOUS SUBSTANCE (E.G. PETROLEUM PRODUCTS, SILT, ETC.) FROM ENTERING THE WATER. THE EQUIPMENT SHALL BE CLEARED OF ALL CONTAMINATES PRIOR TO BEING BROUGHT ON SITE. | 5.1 INSTALL SILT FENCE (OPSD 219.130) AND TURBIDITY CURTAIN (OPSD 219.260 AND OPSD 219.261), AS SHOWN, ALONG THE MARGIN OF THE WATERCOURSE TO PREVENT ANY DISTURBED PARTICLES FROM ENTERING THE WATER.                                                     |
| 2. ADMINISTRATIVE MEASURES                                                                                                                                                                                                                                                                                                          | 5.2 REMOVE ALL EXISTING MATERIALS REQUIRED TO CONSTRUCT THE NEW WORKS FROM THE AREA WITHIN THE COFFERDAM AND DISPOSE IN AN APPROVED MANNER.                                                                                                                |
| 2.1 THE CONTRACTOR WILL BE IN CHARGE OF ON-SITE WORK AND IS RESPONSIBLE FOR THE IMPLEMENTATION OF THE ENVIRONMENTAL PROTECTION PLAN. MITIGATION MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE 'ENVIRONMENTAL GUIDELINES FOR ACCESS ROADS AND WATER CROSSINGS'.                                                                | 5.3 EXISTING BACKFILL SHALL BE STOCKPILED AND PROTECTED DURING THE CONSTRUCTION PHASE.                                                                                                                                                                     |
| 2.2 THE SITE SUPERVISOR WILL HOLD A MEETING OF ALL EQUIPMENT OPERATORS WORKING AT THE SITE TO MAKE THEM AWARE OF THE ENVIRONMENTAL CONCERNS AND MEASURES SET OUT IN THIS PLAN TO CONTROL SEDIMENT. EXISTING VEGETATION IS TO BE PROTECTED TO THE MAXIMUM EXTENT POSSIBLE.                                                           | 6. INSPECTION AND MAINTENANCE                                                                                                                                                                                                                              |
| 3. IDENTIFIED VALUES AND MINISTRY CONCERNS                                                                                                                                                                                                                                                                                          | 6.1 CONSTRUCTION OPERATIONS WILL BE UNDER THE DIRECTION OF THE SITE SUPERVISOR FOR THE CONTRACTOR AND INSPECTED BY THE SITE INSPECTOR FOR THE OWNER. ANY PROBLEMS OR CONCERNS WILL BE RESOLVED ON SITE WITH THE ENGINEER.                                  |
| 3.1 TO THE MAXIMUM EXTENT POSSIBLE, NO SEDIMENTS SHALL ENTER THE WATER DURING ANY ASPECT OF THE WORK. SHORT TERM INTRODUCTION OF SEDIMENTS SHALL BE KEPT TO THE LOWEST PRACTICAL LEVEL AND THERE SHOULD BE NO LONG TERM SOURCES OF SEDIMENT FROM THE COMPLETED PROJECT.                                                             | 7. CONTINGENCY PLANS                                                                                                                                                                                                                                       |
| 4. SEDIMENT CONTROL MEASURES                                                                                                                                                                                                                                                                                                        | 7.1 THE CONTINGENCY PLANS WILL BE INITIATED AS CONDITIONS IN THE FIELD DICTATE.                                                                                                                                                                            |
| 4.1 THE CONTRACTOR SHALL INSTALL SEDIMENT AND EROSION MEASURES PRIOR TO CONSTRUCTION AND MAINTAIN UNTIL THE WORK SITE IS STABILIZED TO PREVENT ENTRY OF SEDIMENT INTO THE WATER.                                                                                                                                                    | 7.2 RAIN STORMS MAY REQUIRE THE SUSPENSION OF WORK TO PREVENT SEDIMENTATION OF THE WATERBODY. THE CONTRACTOR SHALL REVERSE THEIR METHODS AS NECESSARY TO PREVENT SEDIMENTATION. THE REVERSED METHOD WILL BE AT THE APPROVAL OF THE CONTRACT ADMINISTRATOR. |
|                                                                                                                                                                                                                                                                                                                                     | 8. GENERAL RESTORATION GUIDELINES                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                     | 8.1 ALL DISTURBED AREAS ON THE CONSTRUCTION SITE SHALL BE PROTECTED FROM EROSION BY THE PLACEMENT OF R-40 RIP RAP ADJACENT TO THE WATERBODY AND APPROVED NON-ERODIBLE MATERIAL IN ALL OTHER DISTURBED AREAS.                                               |
|                                                                                                                                                                                                                                                                                                                                     | 8.2 SLOPE PROTECTION MAXIMUM STONE SIZE TO BE 1.5 TIMES NORMAL STONE SIZE. 80% OF STONES BY MASS MUST HAVE DIAMETER OF AT LEAST 60% OF NORMAL STONE SIZE.                                                                                                  |



KEY PLAN



ENGINEER'S SEAL:



|                 |      |                         |    |       |
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| 2026/09/11      | 1    | ISSUED FOR CONSTRUCTION | HD | FP    |
| 2026/08/21      | 0    | ISSUED FOR REVIEW       | HD | FP    |
| DATE (YY/MM/DD) | REV. | REVISION                | BY | APP'D |

CLIENT:



CONSULTANT:



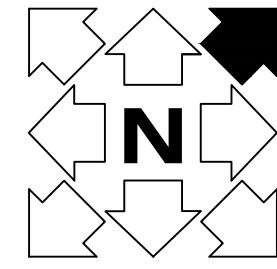
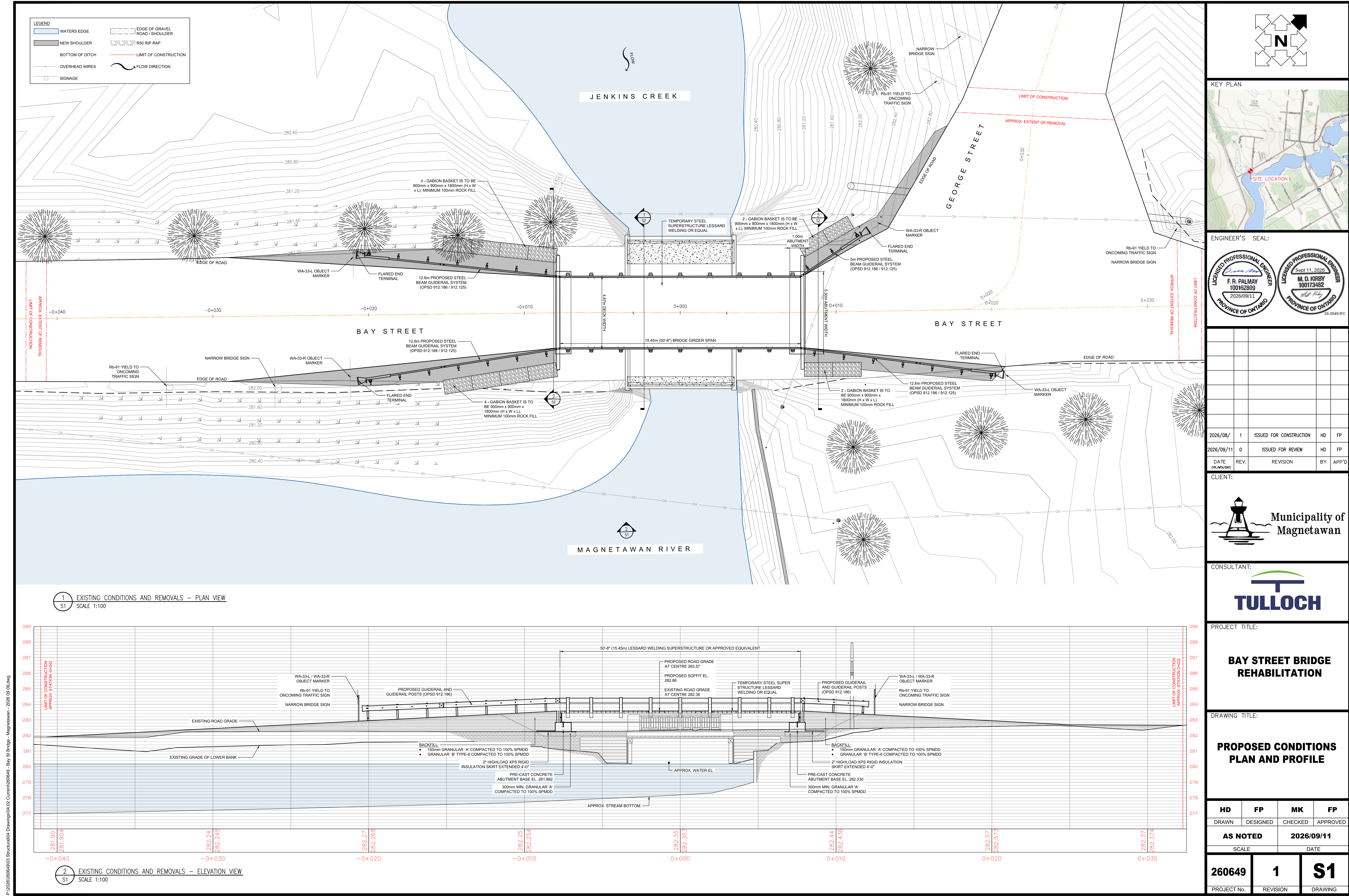
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**BAY STREET BRIDGE REHABILITATION**

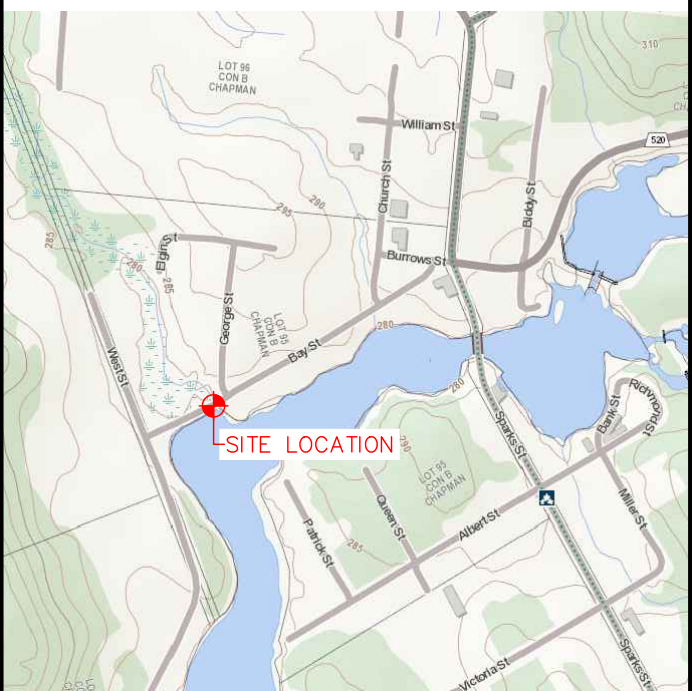
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**ENVIRONMENTAL PROTECTION PLAN**

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| DRAWN       | DESIGNED | CHECKED    | APPROVED |
| AS NOTED    |          | 2026/09/11 |          |
| SCALE       |          | DATE       |          |
| 260649      | 1        | E2         |          |
| PROJECT No. | REVISION | DRAWING    |          |



KEY PLAN



ENGINEER'S SEAL:



|                    |      |                         |    |       |
|--------------------|------|-------------------------|----|-------|
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| DATE<br>(YY/MM/DD) | REV. | REVISION                | BY | APP'D |

CLIENT:



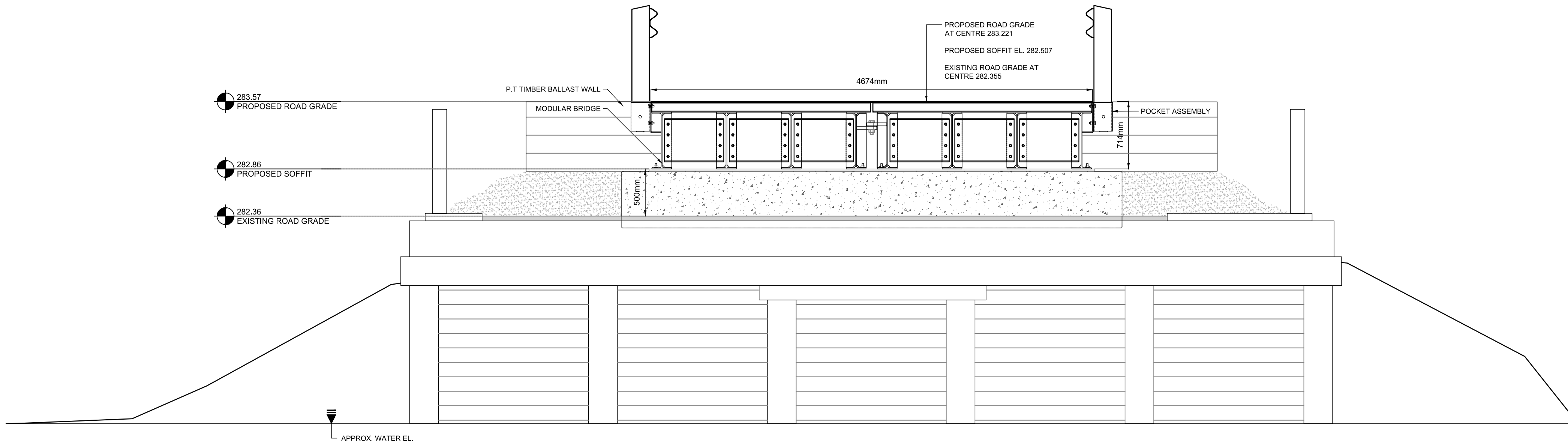
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**BAY STREET BRIDGE REHABILITATION**

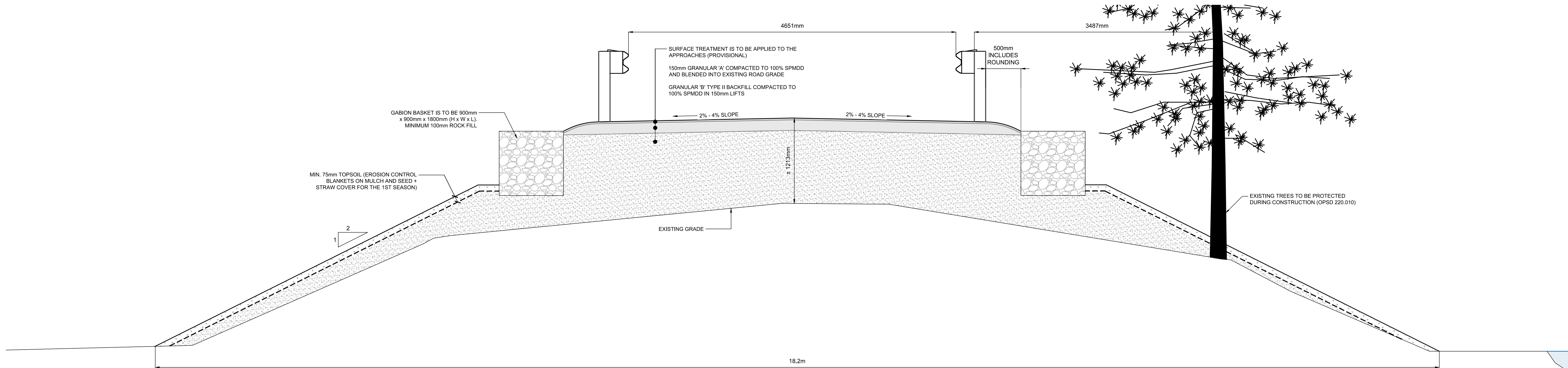
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**PROPOSED CONDITIONS  
PLAN AND PROFILE**

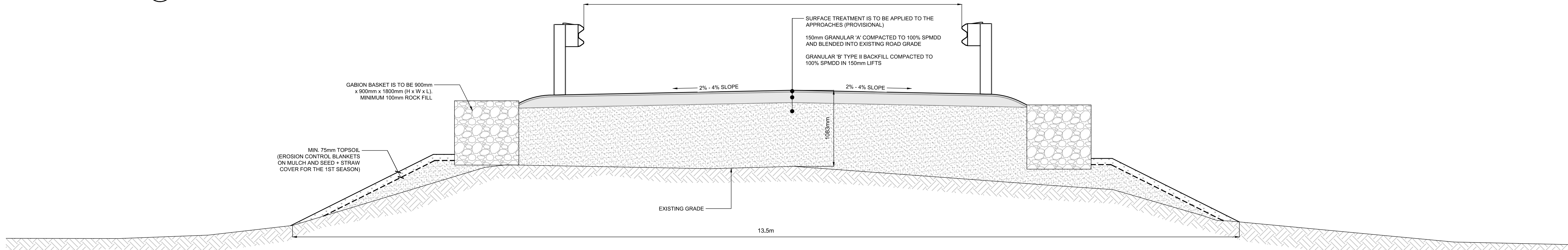
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| SCALE       |          | DATE       |          |
| 260649      | 1        | S1         |          |
| PROJECT No. | REVISION | DRAWING    |          |



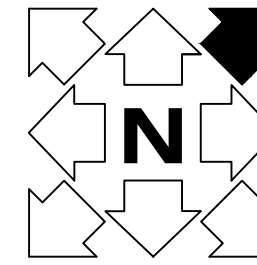
1 PRE-CAST CONCRETE ABUTMENT SECTION  
SCALE 1:30



2 SOUTH WEST ROAD SECTION  
SCALE 1:30



3 NORTH EAST ROAD SECTION  
SCALE 1:30



KEY PLAN



ENGINEER'S SEAL:



| DATE       | REV. | REVISION                | BY | APP'D |
|------------|------|-------------------------|----|-------|
| 2026/09/11 | 1    | ISSUED FOR CONSTRUCTION | HD | FP    |
| 2026/08/21 | 0    | ISSUED FOR REVIEW       | HD | FP    |

CLIENT:



CONSULTANT:



PROJECT TITLE:

**BAY STREET BRIDGE  
REHABILITATION**

DRAWING TITLE:

**PROPOSED SECTIONS AND  
DETAILS**

| HD          | FP       | MK         | FP       |
|-------------|----------|------------|----------|
| DRAWN       | DESIGNED | CHECKED    | APPROVED |
| AS NOTED    |          | 2026/09/11 |          |
| SCALE       |          | DATE       |          |
| 260649      | 2        | S2         |          |
| PROJECT No. | REVISION | DRAWING    |          |



1. CLOSURE SIGNS SHALL CONFORM TO THE 'ONTARIO TRAFFIC MANUAL - BOOK 7, TEMPORARY CONDITIONS'.
2. CONTRACTOR SHALL SUBMIT A DETAILED SIGNAGE PLAN AS PART OF TRAFFIC CONTROL SUBMISSION.
3. CONTRACTOR TO NOTIFY THE MNR, MUNICIPALITY AND EMERGENCY SERVICES SEVEN (7) DAYS IN ADVANCE OF CLOSURE AND PROVIDE ANTICIPATED CLOSURE TIMES.

