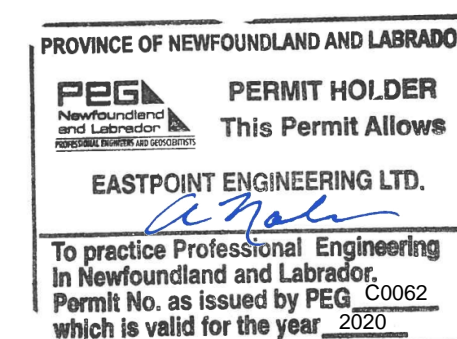
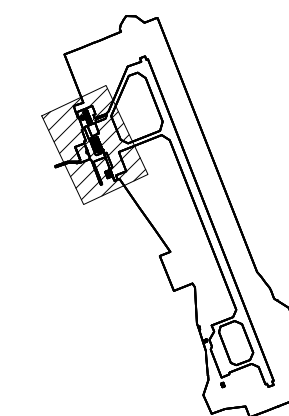
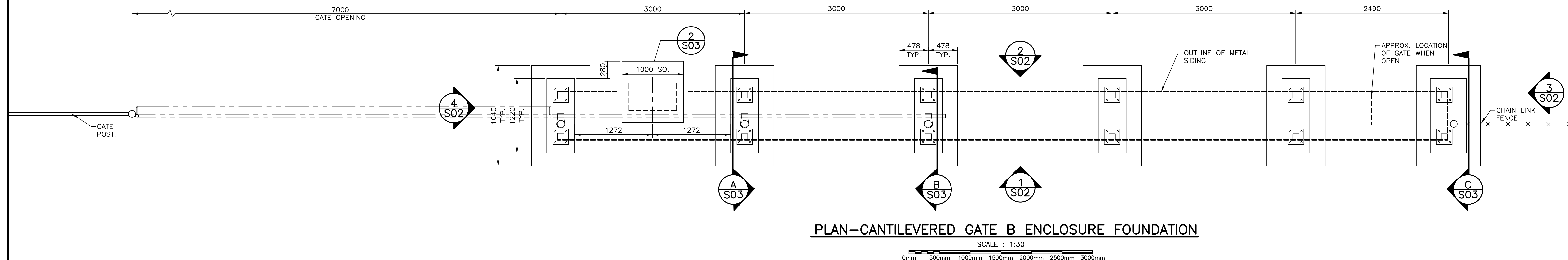


KEYPLAN
N15

0	RE-ISSUED FOR TENDER	SEP 04 2020
revisions		date
project	project	
AIRPORT PERIMETER FENCE AND ROAD REHABILITATION ATB GATE B WABUSH, NL		

drawing	designed
AUTOMATED ROLLING GATE DETAILS (GATE B)	

designed	G. FRASER	conçu
date		
drawn	A. CHOW	dessiné
date		
approved	A. NOBLE	approuvé
date	2019.02.01	
Tender	Soumission	
PWGSC Project Manager	Administrateur de projets TPSGC	
project number	no. du projet	
R.063636.001		
drawing no.	no. du dessin	
S01		



PLAN-CANTILEVERED GATE B ENCLOSURE FOUNDATION

SCALE : 1:30

0mm 500mm 1000mm 1500mm 2000mm 2500mm 3000mm

GENERAL NOTES:

1. ALL WORK AND MATERIALS TO CONFORM TO THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA.
2. DRAWINGS NOT TO BE SCALED, ONLY FIGURED DIMENSIONS TO BE FOLLOWED.
3. LINEAR DIMENSIONS SHOWN ON DRAWINGS ARE IN mm.
4. PRIOR TO PROCEEDING WITH WORK, CONTRACTOR TO VERIFY ALL DIMENSIONS, ELEVATIONS AND ALIGNMENT OF THE NEW AND EXISTING WORK AND TO SUBMIT TO ENGINEER FOR REVIEW ANY INCONSISTENCIES AND ALTERATIONS TO THE WORK PRIOR TO COMMENCING CONSTRUCTION.
5. COORDINATE WORK ON THESE DRAWINGS WITH CIVIL DRAWINGS AND ALL OTHER RELEVANT DOCUMENTATION AND REPORT ANY INCONSISTENCIES TO THE DEPARTMENTAL REPRESENTATIVE PRIOR TO PROCEEDING WITH THE WORK.
6. CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY FOR THE INTEGRITY OF THE STRUCTURES DURING ERECTION. CONTRACTOR IS TO PROVIDE ADEQUATE TEMPORARY BRACING TO MAINTAIN STRUCTURAL SAFETY AND PLUMBNESS AND AND TO KEEP WORK IN TRUE ALIGNMENT UNTIL COMPLETION.
7. ALL STRUCTURAL DESIGN WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS (LATEST EDITIONS):
 - a. NATIONAL BUILDING CODE OF CANADA
 - b. CSA STANDARD A23.3
 - c. CSA STANDARD S16

CONCRETE NOTES:

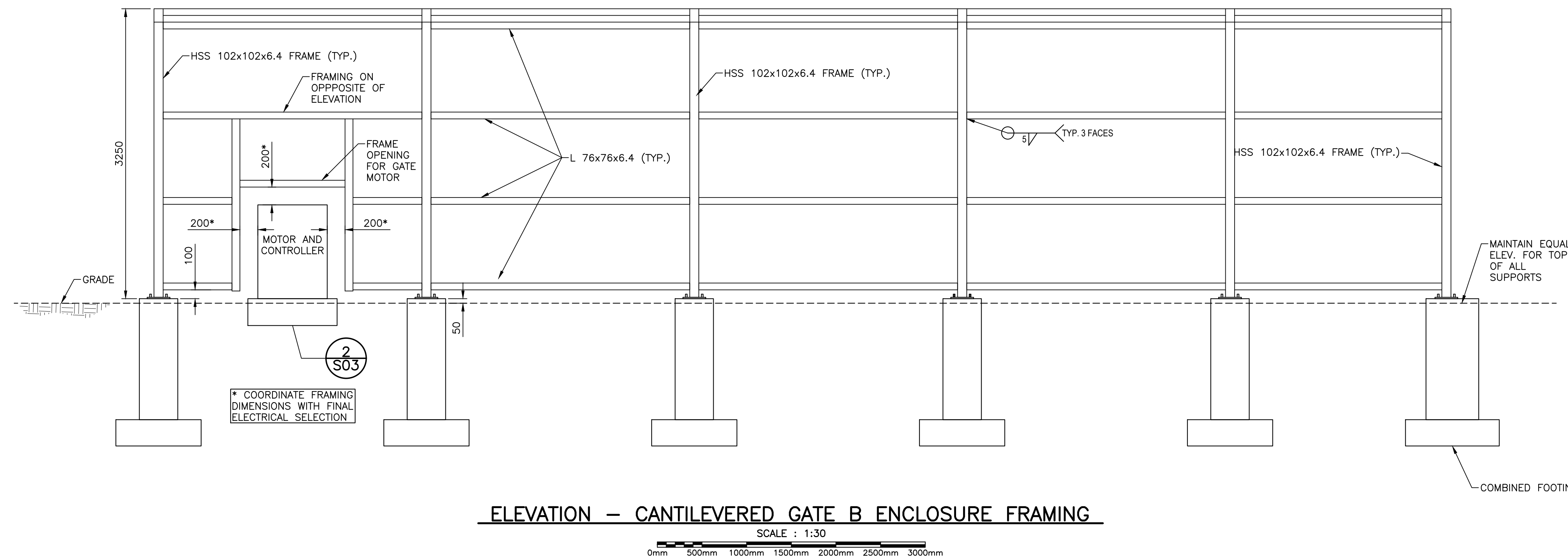
1. ALL MIX DESIGNS SHALL CONFORM TO CSA A23.1, PROVIDE STAMPED MIX DESIGN PRIOR TO START OF WORK.
2. NO CONCRETE SHALL BE PLACED WITHOUT PRIOR APPROVAL, PROVIDE MINIMUM 48 HOURS NOTICE PRIOR TO PLACING CONCRETE.
3. CONCRETE MIX DESIGNS AS FOLLOWS:
 - a. CONCRETE FOUNDATIONS: 28 DAY COMPRESSIVE STRENGTH OF 35MPa AND EXPOSURE CLASS C-1.
4. CONCRETE SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH CSA A23.2. TESTING LABORATORY CERTIFIED TO CSA A283. TESTING AS OUTLINED BELOW:
 - a. CAST A MINIMUM OF (3) 100mm X 200mm TEST CYLINDERS FOR:
 - a.1. THE FIRST LOAD OF EACH DAYS POUR.
 - a.2. MIX DESIGN CHANGE OF CONCRETE.
 - a.3. EACH CHANGE OF SUPPLIER.
 - a.4. EACH ADDITIONAL 50m³ OR FRACTION THEREOF.
 - b. ADDITIONAL TEST SPECIMENS SHALL BE TAKEN WHENEVER REQUESTED BY DEPARTMENTAL REPRESENTATIVE TO VERIFY THE CONCRETE.
5. ALL AGGREGATE SHALL BE NON-REACTIVE IN ACCORDANCE WITH CSA A23.2.
6. DO NOT CAST CONCRETE ON FROZEN GROUND, PROTECT CONCRETE FROM FREEZING.

REINFORCING NOTES:

1. SUBMIT PLACEMENT DRAWINGS INDICATING PLACING OF REINFORCEMENT, BAR BEND DETAILS, SCHEDULES, SIZES, SPACING, CHAIRS, HANGARS, LOCATIONS AND ALL OTHER INFORMATION REQUIRED FOR CORRECT PLACEMENT WITHOUT REFERENCE TO STRUCTURAL DRAWINGS.
2. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED, PLACED AND SUPPORTED IN ACCORDANCE WITH THE REINFORCING STEEL MANUAL OF STANDARD PRACTICE BY THE REINFORCING STEEL INSTITUTE OF CANADA AND CSA A23.3
3. DO NOT FIELD BEND REINFORCING STEEL.

STRUCTURAL STEEL NOTES:

1. ALL STRUCTURAL STEEL SHALL BE NEW STOCK AND SHALL CONFORM TO THE FOLLOWING GRADES AND STANDARDS:
 - a. CSA G40.21 TYPE 350W FOR ROLLED SECTIONS, PLATES AND HSS.
2. ALL WELDED JOINTS SHALL BE SEAL WELDED, GROUND SMOOTH AND HAVE WELD SPATTER REMOVED PRIOR TO FINISHING. UNLESS NOTED OTHERWISE, ALL WELDS SHALL BE 5mm FILLET WELDS ALL AROUND.
3. CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND VERIFICATION OF ANCHOR RODS AND OTHER HARDWARE BEFORE AND AFTER INSTALLATIONS OF ASSOCIATED WORKS.
4. STRUCTURAL STEEL FINISH: GALVANIZE AS DESCRIBED BELOW:
 - a. HOT DIP GALVANIZE ALL STEEL AFTER FABRICATION TO CSA G164 MINIMUM ZINC COATING OF 600g/m²
5. ALL WELDING TO BE ACCORDANCE WITH CSA W59 AND W47
6. ALL COMPANIES AND WELDERS SHALL BE CERTIFIED BY AND QUALIFIED IN ACCORDANCE WITH CSA W47.1 DIVISION 1 OR 2.1.



ELEVATION - CANTILEVERED GATE B ENCLOSURE FRAMING

SCALE : 1:30

0mm 500mm 1000mm 1500mm 2000mm 2500mm 3000mm