

SPECIFICATIONS OF STRUCTURAL ELEMENTS

THE FOLLOWING SPECIFICATIONS ARE FOR REFERENCE AND COORDINATION PURPOSES. PLEASE VALIDATE WITH STRUCTURE.

- CONCRETE: 25 MPA MINIMUM
- PAVEMENT AND ASPHALT CONSTRUCTION
 - UPPER COATING: BITUMINOUS CONCRETE EB10S, 45 mm
 - LOWER COATING: BITUMINOUS CONCRETE EB20, 75 mm
 - UPPER FOUNDATION: CRUSHED STONES MG-20, 300 mm COMPACTED TO 300 mm FROM THE MP
 - LOWER FOUNDATION: 300 mm OF SAND MG-112, 300 mm COMPACTED TO 300 mm FROM THE MP

- 23. GALVANIZED STEEL SLIDING GATE BRACKET AND RAIL
- 24. LOCK HASP
- 25. GATE GUIDE, 100x100x9.5 mm ANGLE IRON, 600 mm LONG (300 mm IN FOUNDATION), GALVANIZED STEEL
- 26. HOLES TO BE PLANNED IN THE FRAME AND DOOR FOR EQUIPMENT/HARDWARE, COORDINATE WITH OTHER CONTRACTORS FOR THE DIMENSIONS FOR ELECTRICAL FEED, COMMUNICATIONS ETC. NOTE: THESE HOLES SHOULD BE DRILLED BEFORE GALVANIZATION
- 27. HINGES WELDED TO THE FRAME AND TO THE DOOR
- 28. INSTALL THE BOTTOM OF THE DOOR AND DOOR FRAME AT 5MM FROM FINISH GROUND
- 29. N/A
- 30. 3 mm GALVANIZED STEEL PANEL MECHANICALLY ATTACHED WITH 300 mm STEEL RIM. INSTALL A 4' PANEL AT THE BOTTOM FROM POST TO POST. YARD SIDE.
- 31. WELD A HINGE TO THE EXISTING DOOR.
- 32. PLACE 2 ELECTRICAL CONDUITS AND 4 WEATHERPROOF CONNECTION BOXES AT THE TOP OF THE FENCE FOR ELECTRICAL WIRING AND CONTROL OF THE DOORS, INTERCOM AND OTHER ELECTRICAL/ELECTRONIC ELEMENTS. PLAN TO DRILL THE CASING APPROXIMATELY AT THE LOCATION INDICATED. CHECK THE ROUTE OF THE CONDUITS AND THE DRILLING OF THE CASING WITH THE OWNER BEFORE STARTING. SEE ELECTRICITY. MAKE SURE THAT THE BOX IS WEATHERPROOF AND LEVEL OFF THE FINISHES.

LEGEND:

- 1. EXISTING FENCE TO BE KEPT
- 1A. EXISTING POST AND PILE TO BE KEPT
- 2. NEW FENCE, SEE DETAILS
- 3. NEW GALVANIZED STEEL POST, 152 mm DIA. AND CONCRETE BASE
- 4. RELOCATED EXISTING DOOR AND FRAMES
- 5. NEW DOOR AND NEW FRAME
- 6. EXISTING SLIDING DOOR TO BE KEPT
- 7. NEW SLIDING DOOR
- 8. PART OF EXISTING FENCE TO BE DEMOLISHED TO ALLOW MODIFICATIONS
- 9. SECTION OF CONCRETE CURB TO BE DEMOLISHED
- 10. NEW POURED CONCRETE CURB, IDENTICAL TO EXISTING CURB, SEE ENG.
- 10A. CONCRETE CURB TO BE CUT AND DEMOLISHED, PLAN TO REPAIR ASPHALT AND UNDERPINNING.
- 11. 3 mm GALVANIZED STEEL PANEL MECHANICALLY ATTACHED WITH GALVANIZED STEEL BANDS @ 300 mm C/C, SEE DETAILS.
- 12. NEW CONCRETE PILE, SEE STRUCTURE
- 13. NEW 50 #6 GALVANIZED STEEL CHAIN LINK ATTACHED TO TENSION BARS
- 13A. EXISTING CHAIN LINK TO BE MODIFIED AFTER NEW POLES ARE INSTALLED
- 14. 5x20 mm GALVANIZED STEEL TENSION BARS WITH 3x20 mm TENSION BANDS @ 300 mm C/C
- 15. 42.2 mmØ GALVANIZED STEEL TOP RAIL (ext.)
- 15A. EXISTING TOP RAIL TO BE MODIFIED AFTER NEW POSTS ARE INSTALLED
- 15B. 76 mmØ GALVANIZED STEEL TOP RAIL (ext.)
- 16. 635 mmØ SPIRAL BARBED WIRE ATTACHED TO TIE WIRE TO CREATE 230 mm OF ALTERNATING SPACE
- 17. ASPHALT PAVING REPAIR AREA
- 17A. GRASS AND SOIL RECOVERY AREA FOLLOWING CURB REPAIR WORK
- 18. NEW ASPHALT PAVING, SEE CIVIL
- 19. EXISTING STEEL POST TO BE REPLACED BY 150 mmØ GALVANIZED STEEL POLE AND NEW CONCRETE BASE
- 20. EXISTING POST TO BE DEMOLISHED
- 21. 42.2 mmØ GALVANIZED STEEL FRAME ON THE SLIDING DOOR
- 22. NEW TOP RAIL/BARBED WIRE BRACKET MADE OF 45° GALVANIZED STEEL

SPECIFIC NOTES:

- A. THIS FENCE MODIFICATION PROJECT INCLUDES ALL NECESSARY DEMOLITION AND REPLACEMENT OF ADJACENT ELEMENTS AFFECTED BY CONSTRUCTION TO PERMIT THE WORK DESCRIBED IN THIS PLAN, EVEN IF THE DEMOLITION IS NOT SPECIFICALLY INDICATED IN THESE DOCUMENTS.
- B. CONCERNING THE EXISTING DOOR TO BE RELOCATED, DISCONNECT THE ELECTRONIC HARDWARE AND DISMANTLE THE FRAME AND DOOR COMPONENTS, INCLUDING ITS BASE. BREAK AND DETACH THE CONCRETE BASE TO ALLOW A NEW ONE TO BE POURED AT THE NEW LOCATION. PLAN TO RECONNECT AND COMMISSION ALL ELECTRICAL HARDWARE. COORDINATE WITH THE OWNER.
- C. THE NEW FENCE AND GATE SYSTEM MUST BE DESIGNED TO RESIST THE LATERAL LOADS PRESCRIBED IN THE CODES AND REGULATIONS. SHOP DRAWINGS MUST BEAR THE SEAL OF A QUALIFIED ENGINEER. SEE INDICATIONS.
- D. REPAIR PAVING AT THE INDICATED PLACES FOR ALL DEMOLITION AND CONSTRUCTION WORK.
- E. REPAIR THE STRUCTURE AND INFRASTRUCTURE OF PAVING USING BEST PRACTICES TO ENSURE STABILITY AND QUALITY. IF NECESSARY, CONSULT A COMPETENT ENGINEER FOR PAVING AND CONCRETE CURB RESURFACING.

Notes: _____

GENERAL NOTES:

- ALL MEASUREMENTS INDICATED ARE FOR REFERENCE PURPOSES ONLY. MEASUREMENTS MUST BE TAKEN ON SITE BY CONTRACTOR ABEFORE CONSTRUCTION BEGINS.
- ALL STEEL ELEMENTS MUST BE HOT-DIP GALVANIZED (WELDED) AFTER ASSEMBLY
- WELDS MUST BE GROUND
- AVOID SHARP EDGES, ALL CORNERS MUST BE ROUNDED



03	ADDENDUM A01	27/09/2019
02	FOR TENDER	13/09/2019

Titre du projet	SCC_321-3907	Project title
UIS DONNACONA, I BLOCK SEPARATION OF THE Q-R YARD		

Titre du dessin	NOTES:	Drawing title
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Conçu par:	E.G.	Designed by:
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Dessiné par:	E.G.	Drawn by:
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Approuvé par:	E.G.	Approved by:
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No de projet	321-3907	Project number
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No du dessin	INDICATED	Date	27/09/2019
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Echelle	INDICATED	No de feuille	A2 / 8	Sheet no
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Titre du projet: **SCC_321-3907** Project title
UIS DONNACONA, I BLOCK
SEPARATION OF THE Q-R YARD

Titre du dessin: **ENHANCED PLAN AND ELEVATION** Drawing title

Conçu par: **E.G.** Designed by:

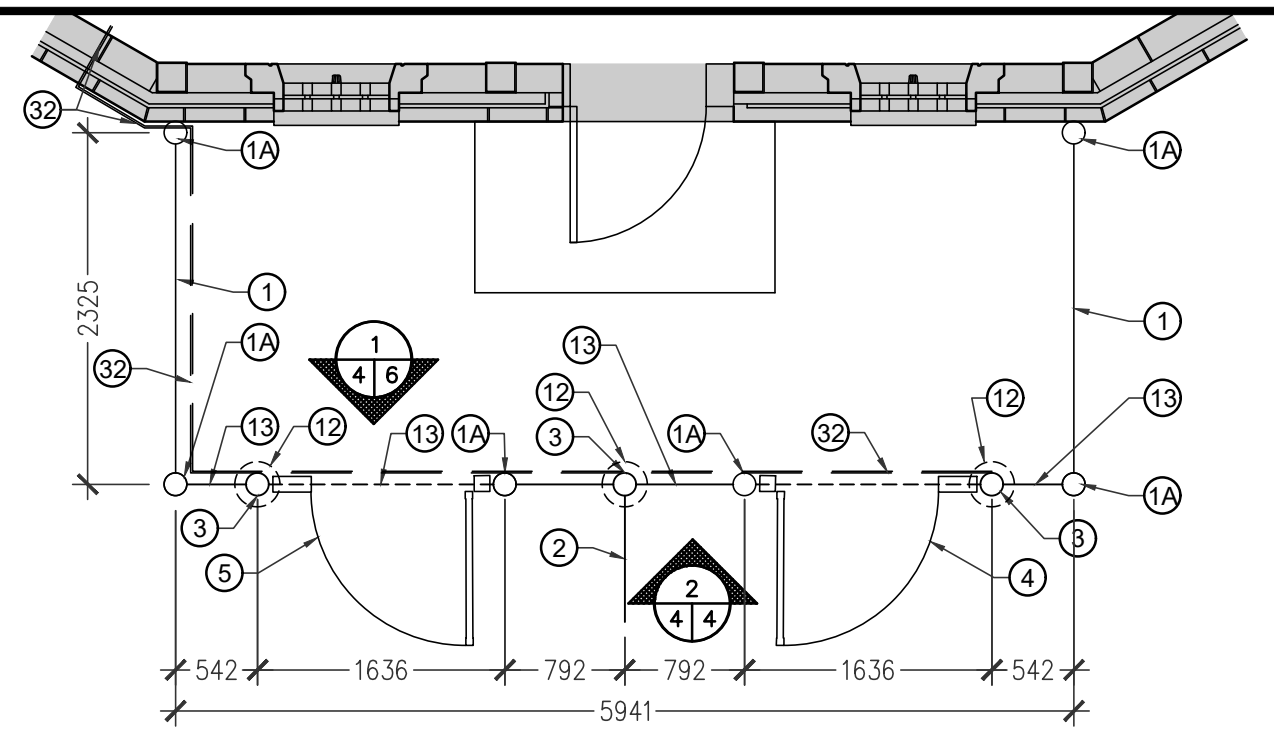
Dessiné par: **E.G.** Drawn by:

Approuvé par: **E.G.** Approved by:

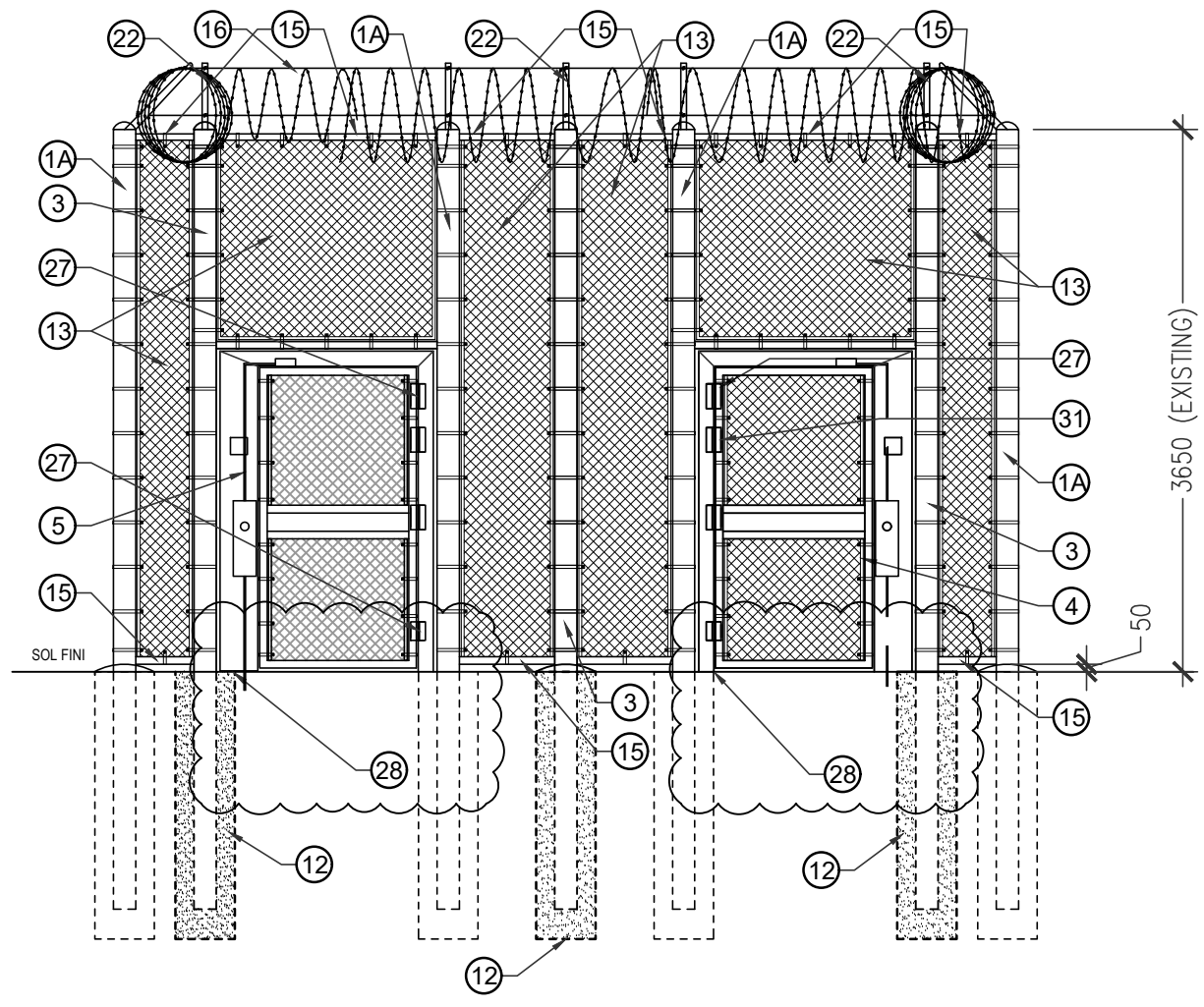
No de projet: **321-3907** Project number

No du dessin	Drawing no	Date	Date
INDICATED		27/09/2019	

Echelle	Scale	No de feuille	Sheet no
INDICATED		A4 / 8	



1 EXTENDED PLAN TRANSITION AREA
SCALE: 1:50



2 DOOR ELEVATION
SCALE: 1:50

