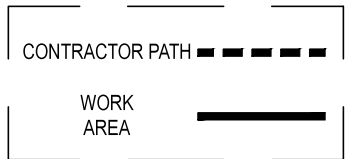


1
1 1 **LAYOUT PLAN**
SCALE: 1:2000



Notes: Notes:

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 - WELDS MUST BE GROUND
 - AVOID SHARP EDGES, ALL CORNERS MUST BE ROUNDED



WORK AREA SEPARATION OF Q-R YARDS, I BLOCK

02	FOR TENDER INFORMATION	13/09/2019
01		19/08/2019
Titre du projet		Project title
SCC_321-3907		
UIS DONNACONA, I BLOCK		
SEPARATION OF THE Q-R YARD		
Titre du dessin		Drawing title
LAYOUT		
Conçu par:		Designed by:
E.G.		
Dessiné par:		Drawn by:
E.G.		
Approuvé par:		Approved by:
E.G.		
No de projet		Project number
321-3907		
No du dessin	Drawing no	Date
INDICATED		13/09/2019
Echelle	Scale	No de feuille
INDICATED		A1/8

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. 350x450 mm CONCRETE FOUNDATION
- 29. DOOR FRAME BRACKET MADE OF A 150X16 mm GALVANIZED STEEL "C", WELDED TO THE FENCE POSTS
- 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:

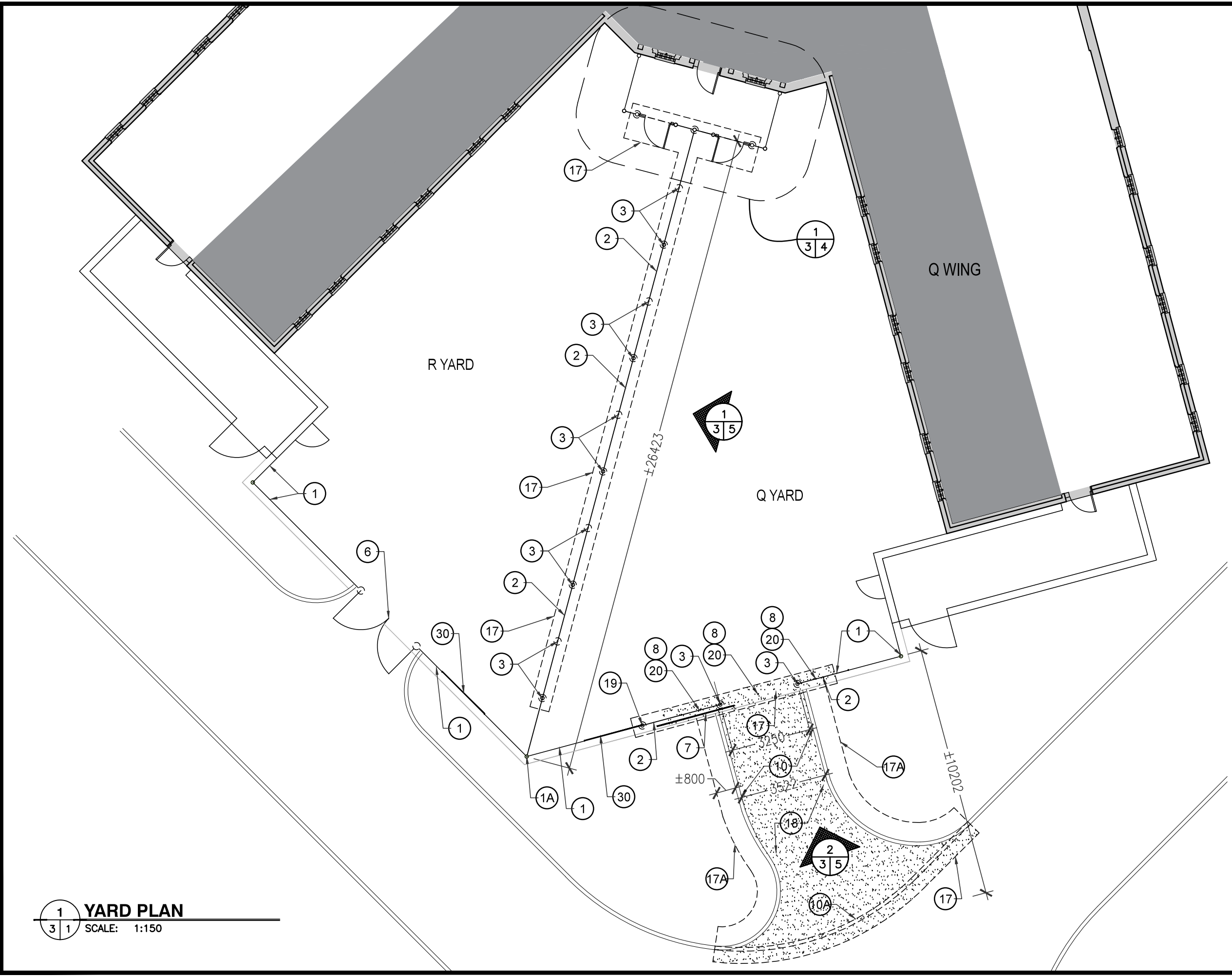
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02	FOR TENDER	13/09/2019
01	INFORMATION	19/08/2019
Titre du projet		Project title
SCC_321-3907		
UIS DONNACONA, I BLOCK		
SEPARATION OF THE Q-R YARD		
Titre du dessin		Drawing title
NOTES:		
Conçu par:	E.G.	Designed by:
Dessiné par:	E.G.	Drawn by:
Approuvé par:	E.G.	Approved by:
No de projet		Project number
321-3907		
No du dessin	Drawing no	Date
INDICATED		13/09/2019
Echelle	Scale	No de feuille
INDICATED		A2 / 8

Notes: _____ Notes: _____

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02	FOR TENDER INFORMATION	13/09/2019
01		19/08/2019

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

Titre du dessin	YARD PLAN	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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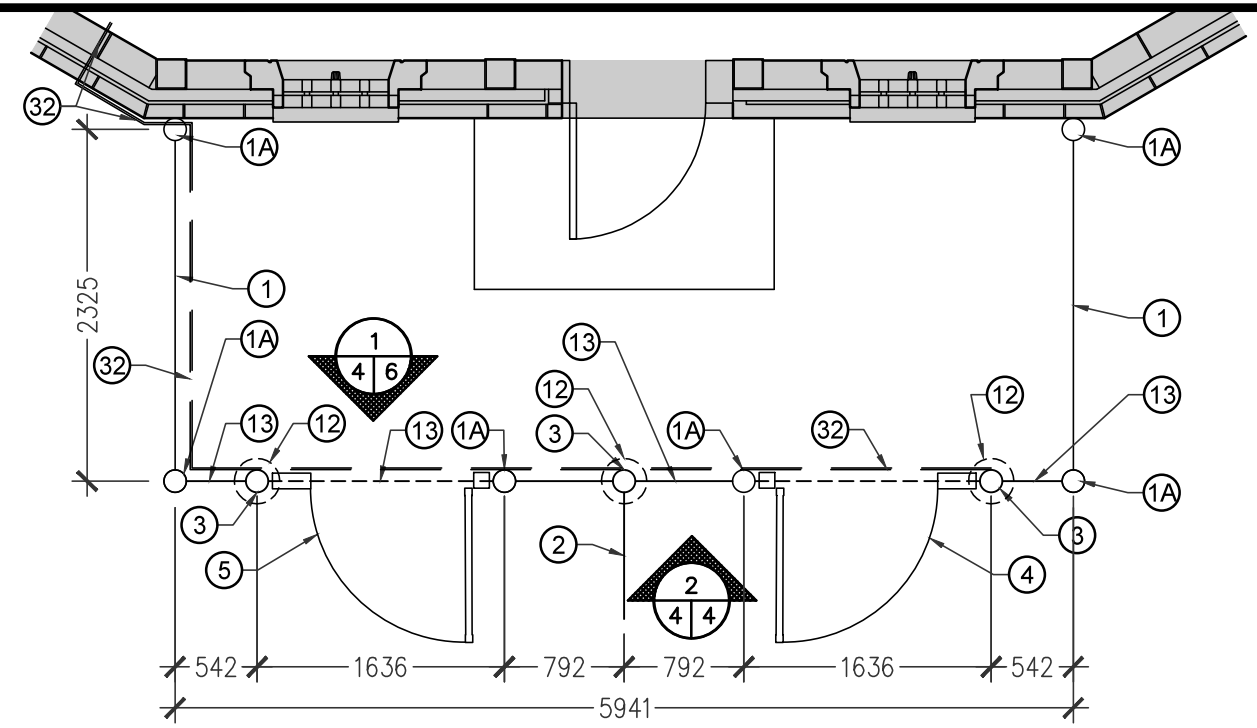
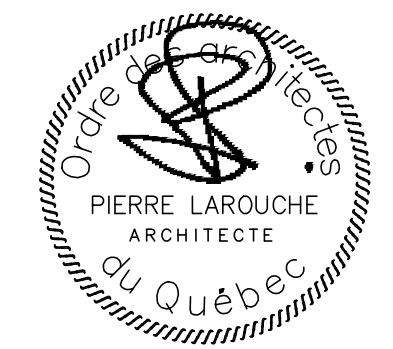
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Echelle	INDICATED	Scale	No de feuille	A3 / 8	Sheet no
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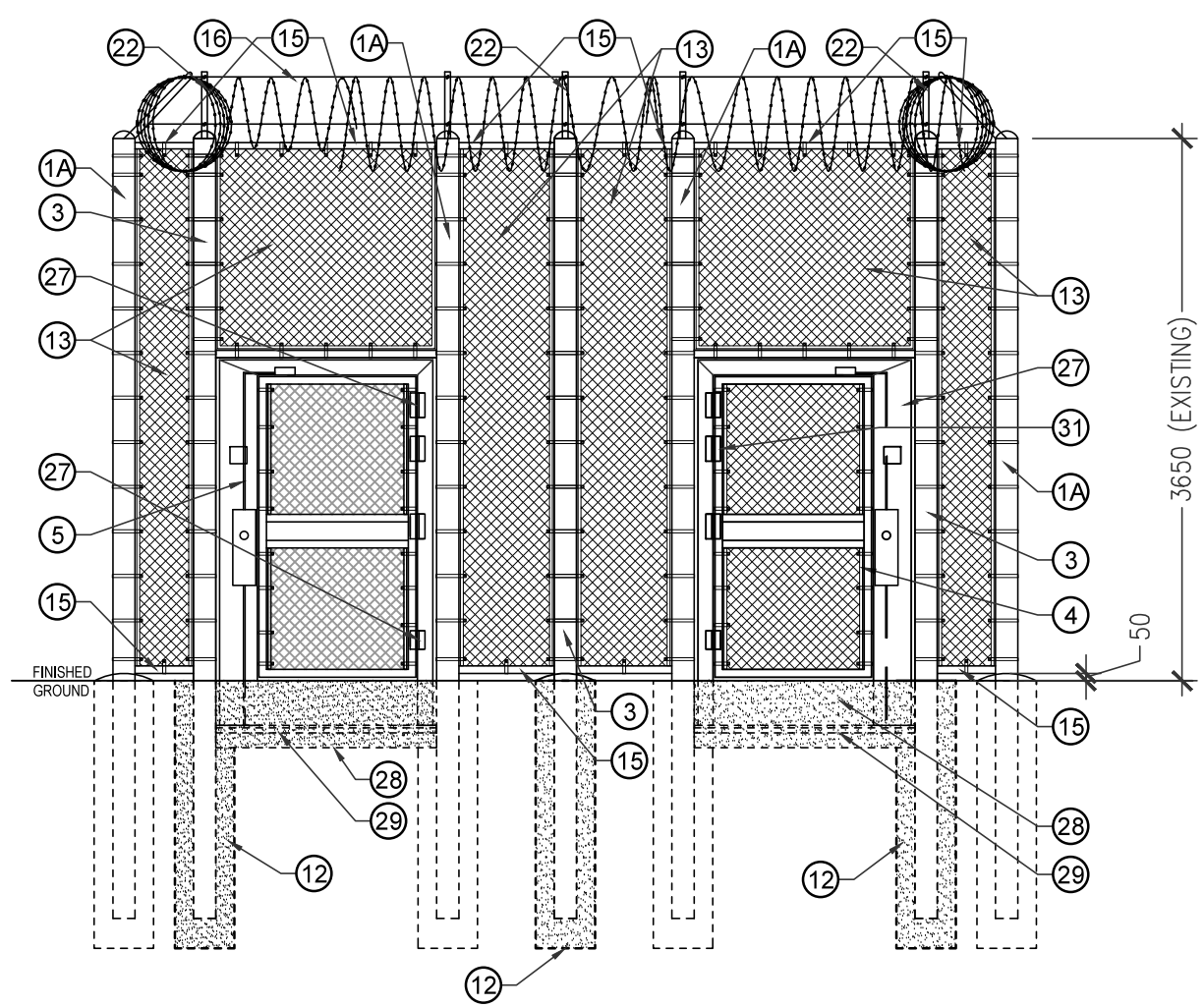

YARD PLAN
 SCALE: 1:150

Notes: Notes:

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1 EXTENDED PLAN TRANSITION AREA
SCALE: 1:50



2 DOOR ELEVATION
SCALE: 1:50

02	FOR TENDER	13/09/2019
01	INFORMATION	19/08/2019
Titre du projet		Project title
SCC_321-3907		
UIS DONNACONA, I BLOCK		
SEPARATION OF THE Q-R YARD		
Titre du dessin		Drawing title
ENHANCED PLAN AND ELEVATION		
Conçu par:		Designed by:
E.G.		
Dessiné par:		Drawn by:
E.G.		
Approuvé par:		Approved by:
E.G.		
No de projet		Project number
321-3907		
No du dessin	Drawing no	Date
INDICATED		13/09/2019
Echelle	Scale	No de feuille
INDICATED		A4 / 8

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02 01	FOR TENDER INFORMATION	13/09/2019 19/08/2019
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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	Drawing title
FENCE ELEVATIONS	

Conçu par:	Designed by:
E.G.	

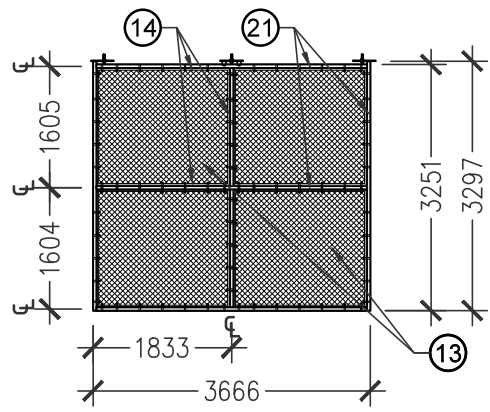
Dessiné par:	Drawn by:
E.G.	

Approuvé par:	Approved by:
E.G.	

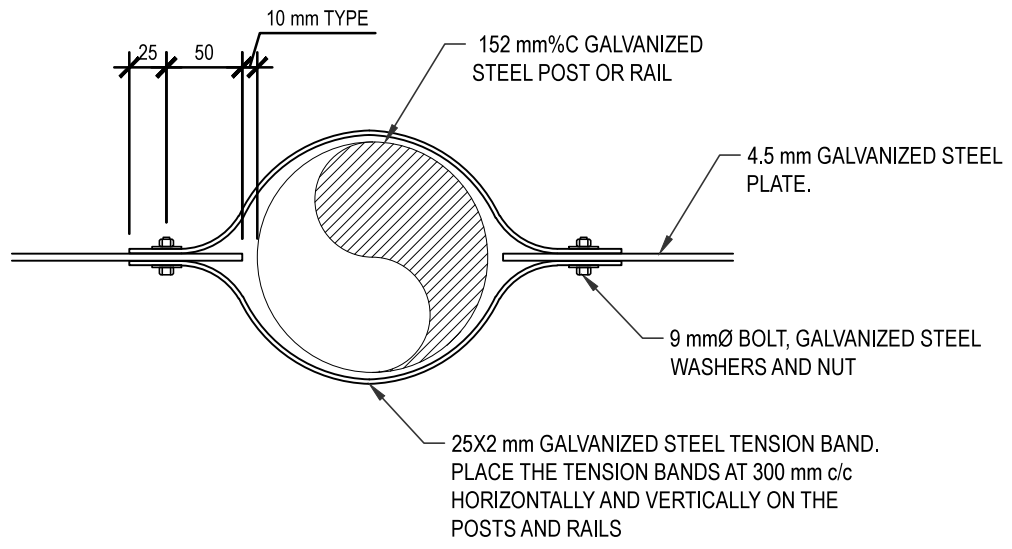
No de projet	Project number
321-3907	

No du dessin	Drawing no	Date	Date
INDICATED		13/09/2019	

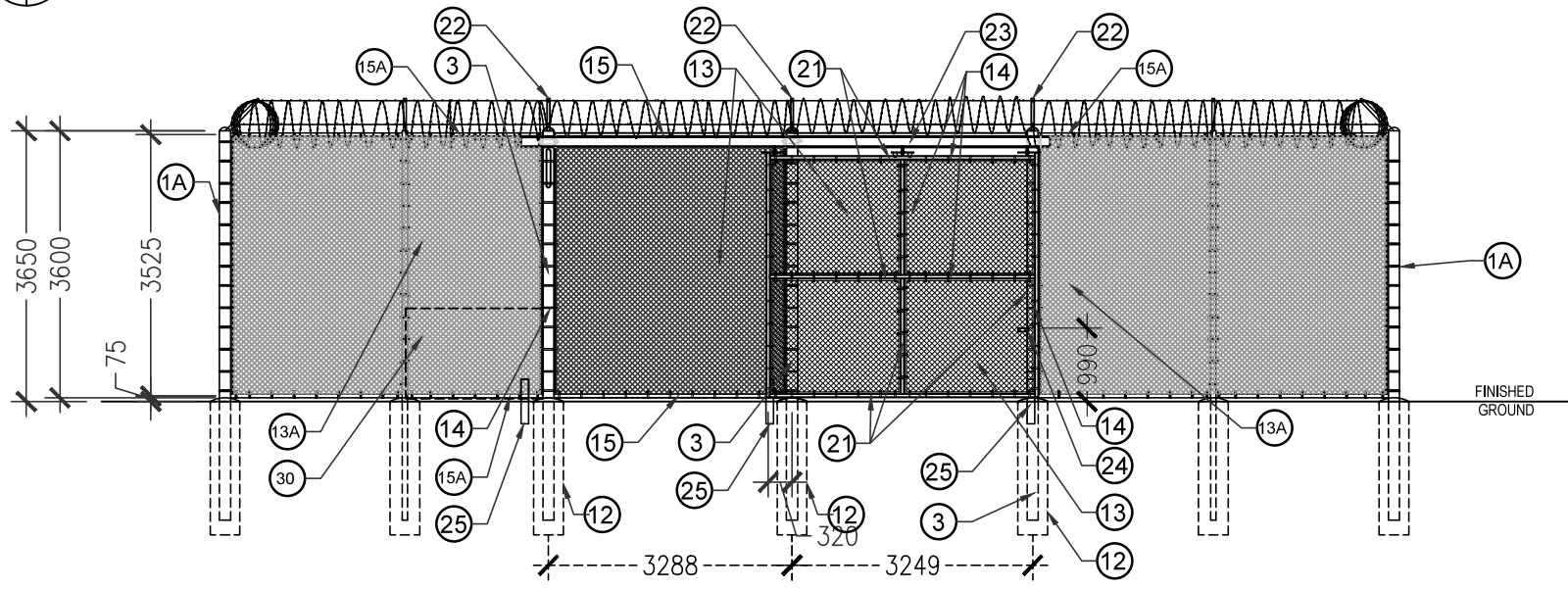
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INDICATED		A5 / 8	



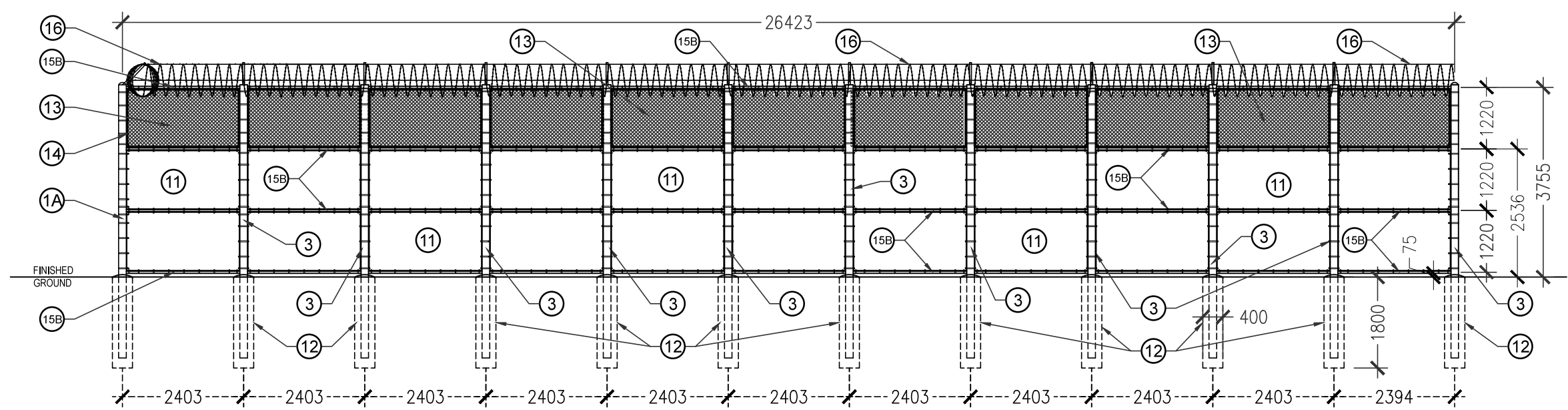
3 SLIDING GATE ELEVATION
SCALE: 1:100



3 PLATE ATTACHMENT BANDS
SCALE: 1:5 TOP VIEW, TYPICAL DETAIL



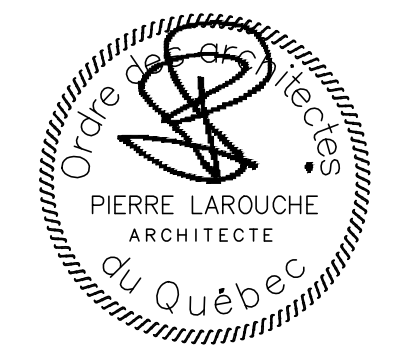
2 SLIDING GATE ELEVATION
SCALE: 1:100



1 ELEVATION SEPARATION OF THE YARD
SCALE: 1:100

Notes: _____ Notes: _____

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02	FOR TENDER INFORMATION	13/09/2019
01		19/08/2019

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

Titre du dessin	DOOR DETAILS	Drawing title
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Conçu par:	E.G.	Designed by:
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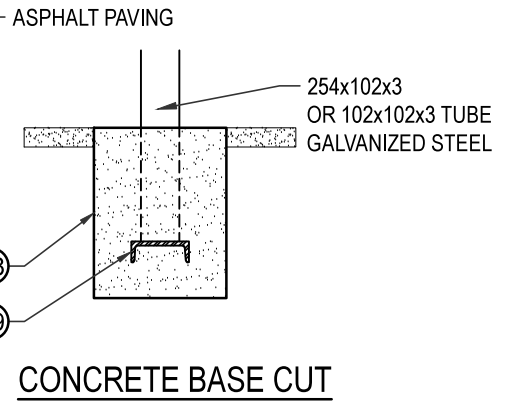
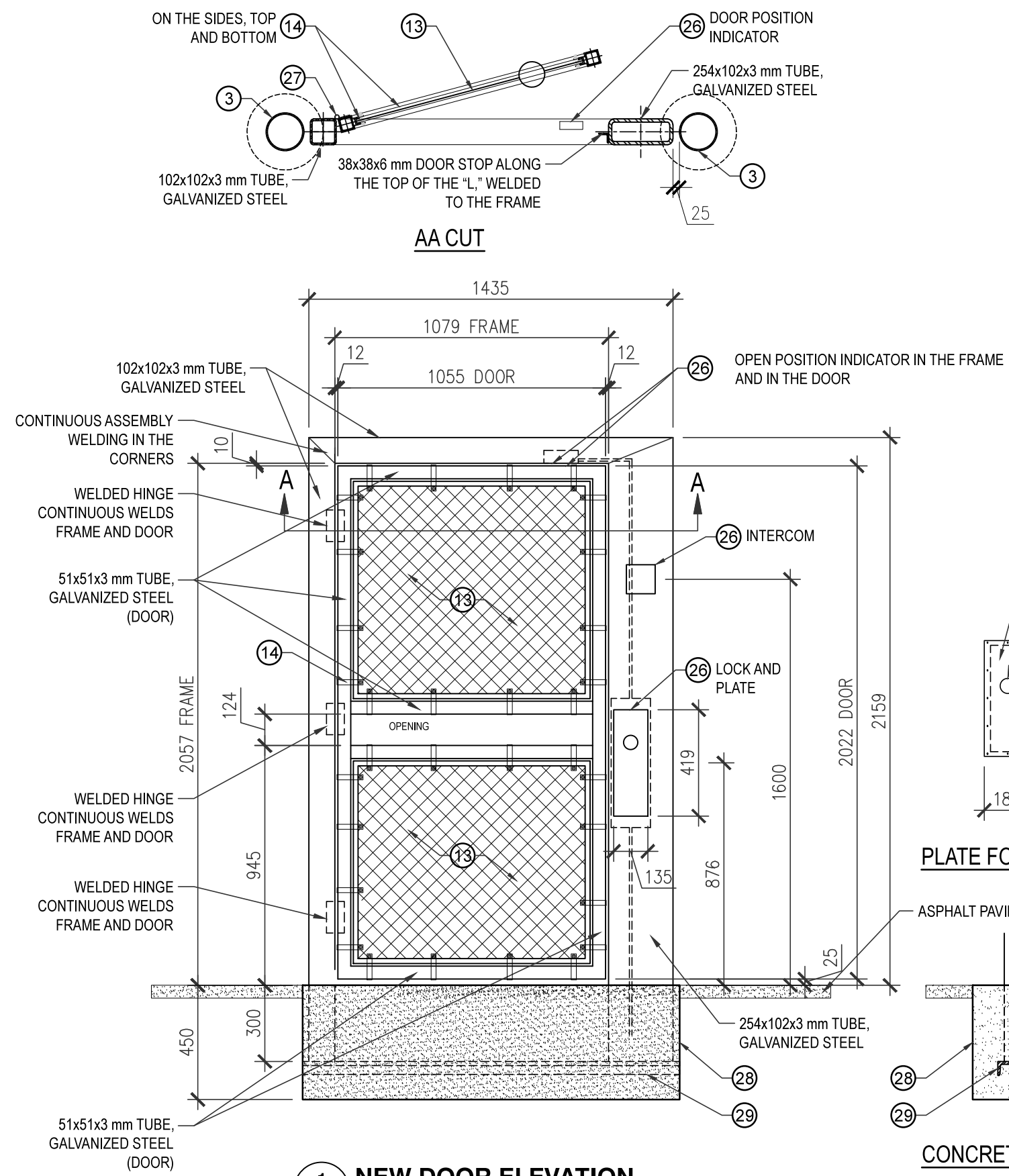
Dessiné par:	E.G.	Drawn by:
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Approuvé par:	E.G.	Approved by:
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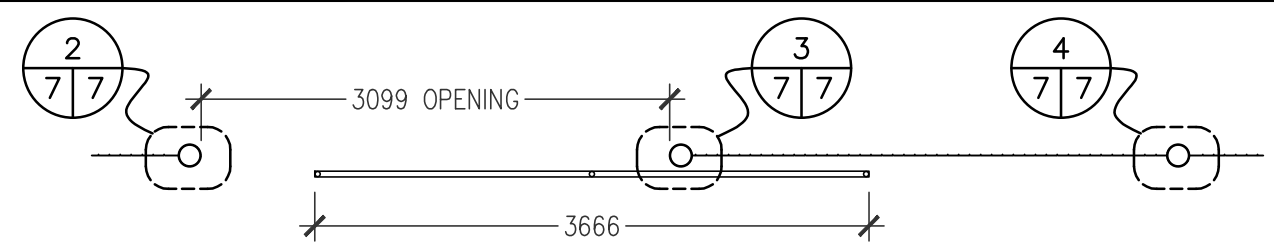
No de projet	321-3907	Project number
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No du dessin	INDICATED	Date	13/09/2019
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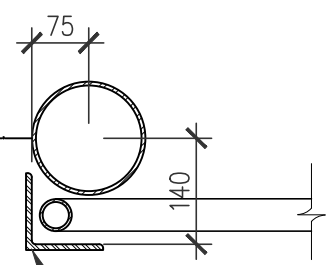
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1 NEW DOOR ELEVATION
6 | 4 SCALE: 1:20

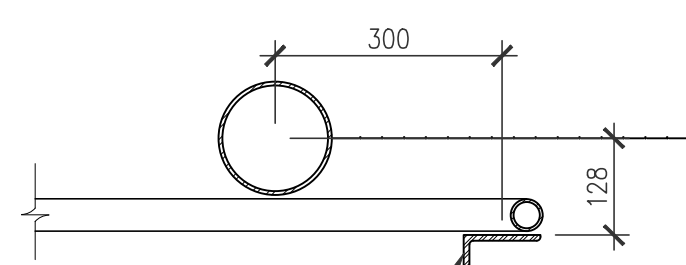


1 SLIDING GATE TOP VIEW
SCALE: 1:50



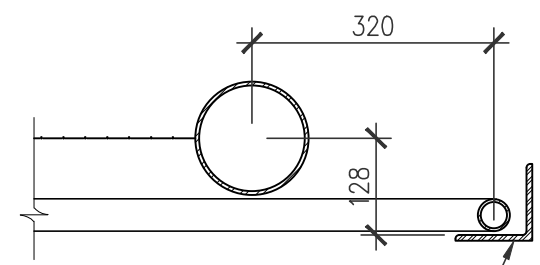
GUIDE FOR SLIDING GATE; GALVANIZED STEEL ANGLE 100x100x9.5 mm, 600 mm LONG, 300 mm IN THE CONCRETE FOUNDATION

2 GATE DETAIL
SCALE: 1:10



GUIDE FOR SLIDING GATE; GALVANIZED STEEL ANGLE 100x100x9.5 mm, 600 mm LONG, 300 mm IN THE CONCRETE FOUNDATION

3 GATE DETAIL
SCALE: 1:10

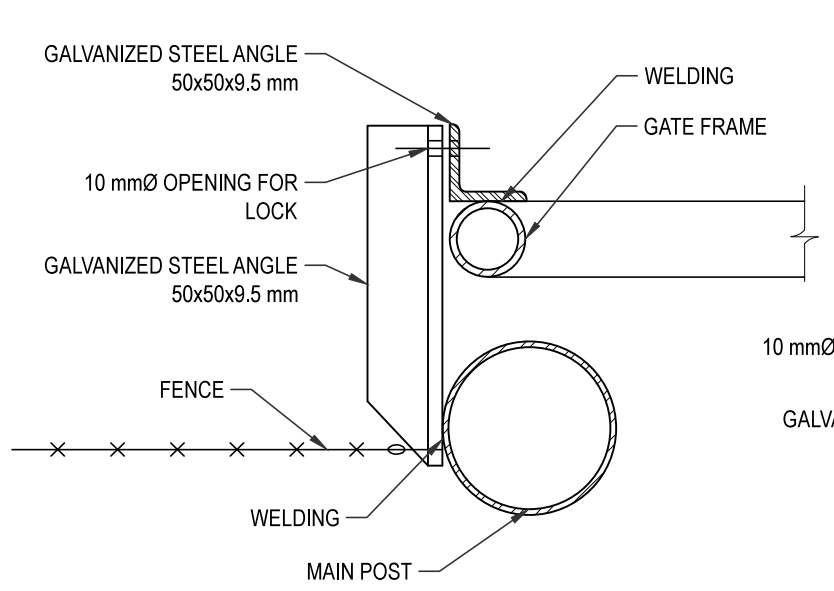


GUIDE FOR SLIDING GATE; GALVANIZED STEEL ANGLE 100x100x9.5 mm, 600 mm LONG, 300 mm IN THE CONCRETE FOUNDATION

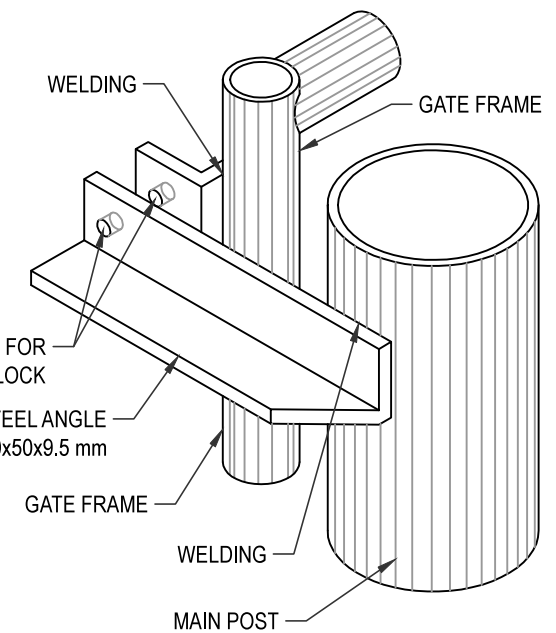
4 GATE DETAIL
SCALE: 1:10

Notes: _____ Notes: _____

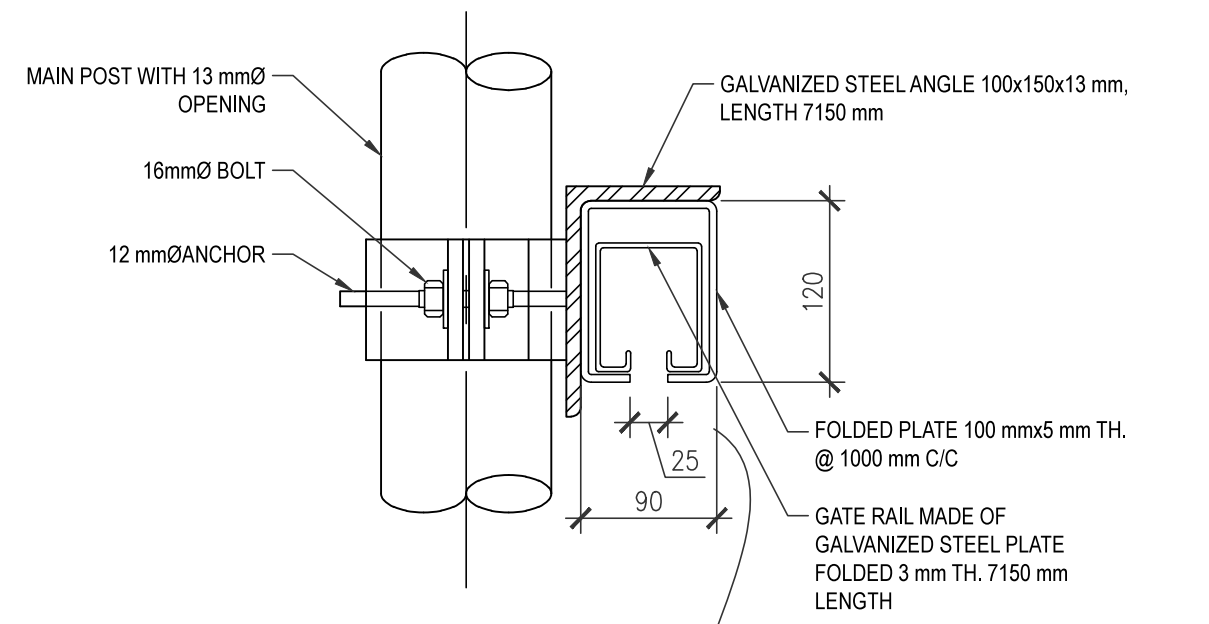
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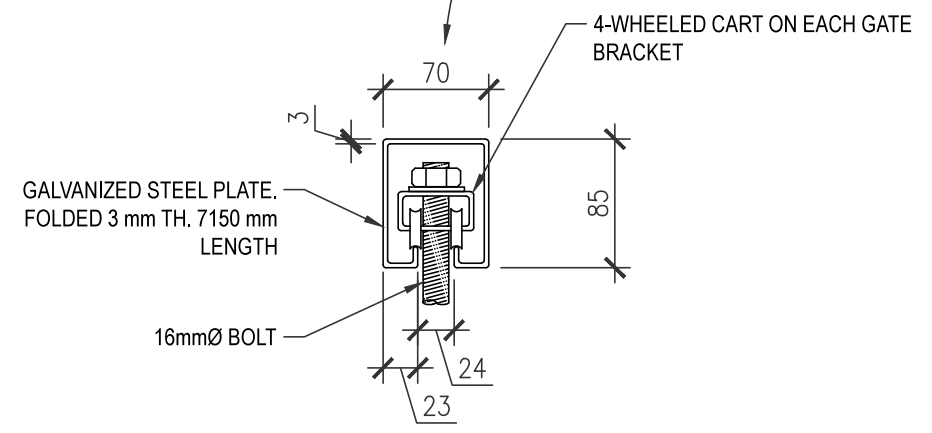
5 DETAIL OF THE SLIDING GATE LOCK
SCALE: 1:5



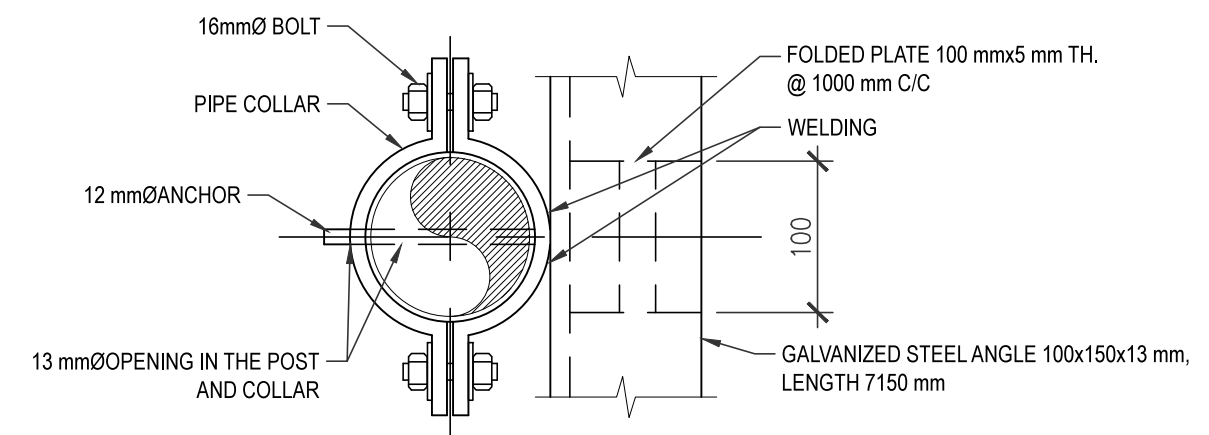
02	FOR TENDER INFORMATION	13/09/2019
01		19/08/2019
Titre du projet		Project title
SCC_321-3907		
UIS DONNACONA, I BLOCK		
SEPARATION OF THE Q-R YARD		
Titre du dessin		Drawing title
DETAILS		
Conçu par:		Designed by:
E.G.		
Dessiné par:		Drawn by:
E.G.		
Approuvé par:		Approved by:
E.G.		
No de projet		Project number
321-3907		
No du dessin	Drawing no	Date
INDICATED		13/09/2019
Echelle	Scale	No de feuille
INDICATED		A7/8



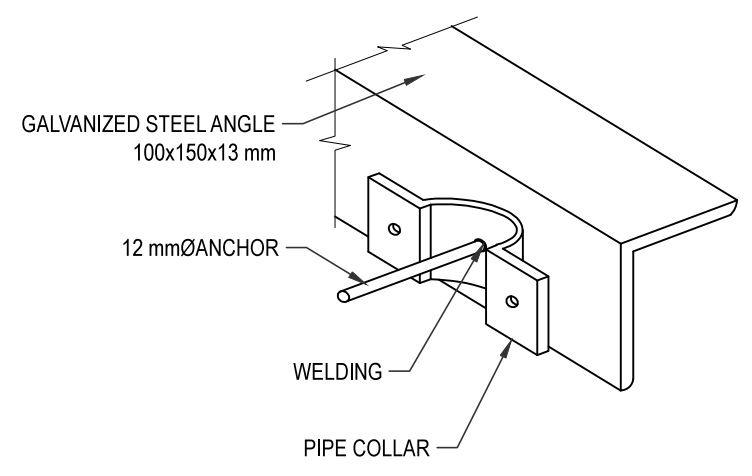
GATE RAIL BRACKET
CROSS-SECTION



GATE CART
CROSS-SECTION



GATE RAIL BRACKET
TOP VIEW



GATE RAIL BRACKET
AXONOMETRIC VIEW

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02	FOR TENDER INFORMATION	13/09/2019
01		19/08/2019

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

Titre du dessin	DETAILS	Drawing title
-----------------	---------	---------------

Conçu par:	E.G.	Designed by:
------------	------	--------------

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	13/09/2019
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Echelle	INDICATED	No de feuille	A8 / 8
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