



Public Works
Government Services
Canada

Architectural and
Engineering Services
Western Region

Travaux publics
Services gouvernementaux
Canada

Services d'architecture
et de génie
Région de l'ouest

SASKATOON, SASKATCHEWAN

CORRECTIONAL SERVICES CANADA

FENCE ASSESSMENT AND REPAIR

CSC REGIONAL PSYCHIATRIC CENTRE

PWGSC Project No.: R.084540.001

ISSUED FOR TENDER

DRAWING LIST

A0.0 COVER SHEET, PROJECT INFORMATION & DRAWING LIST

A1.0 SITE PLAN

A1.1 SITE UTILITIES PLAN

A1.2 SITE PHOTOGRAPHS

A2.0 FENCE ELEVATIONS

A2.1 FENCE ELEVATIONS

A2.2 FENCE ELEVATIONS

A2.3 PRINCIPAL ENTRY GATE DETAILS, SP1 @ EXTERIOR PERIMETER FENCE

A2.4 PRINCIPAL ENTRY GATE DETAILS, SP2 @ INTERIOR PERIMETER FENCE

A2.5 PRINCIPAL ENTRY & EMERGENCY ACCESS GATE DETAILS

A3.0 CSC TECHNICAL CRITERIA TYPICAL FENCE & GATE DETAILS

S2.1 PRINCIPAL ENTRY GATE DETAILS, SP1 @ EXTERIOR PERIMETER FENCE

S2.2 PRINCIPAL ENTRY GATE DETAILS, SP2 @ INTERIOR PERIMETER FENCE

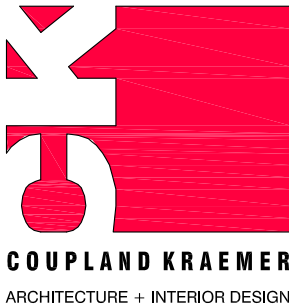
E1.0 PRINCIPAL ENTRY GATE SP1 & SP2 SITE PLAN

E1.1 PRINCIPAL ENTRY GATE SP1 & SP2 ELECTRICAL LAYOUT, SINGLE LINE
DIAGRAM, LEGEND, MOTOR CONTROL SCHEDULE

E1.2 SINGLE LINE DIAGRAM & MAIN ELECTRICAL ROOM

ARCHITECTURAL

[11 Sheets]



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STRUCTURAL

[2 Sheets]



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ELECTRICAL

[3 Sheet]



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FENCES KEY LEGEND

TYPICAL NOTES FOR ALL FENCES:

Refer to New Construction Fence Legend and Gate Legend on Drawing A3.0 for CSC
Technical Criteria Fence Construction & CSC Technical Criteria Gate Construction

- [EPF]** - EXISTING TOTAL LENGTH = 938.5 Im [930.5 Im Fence + [2] 4.0m Gates]
- Fence Height = 4.2 m
- Remove existing post arms, barbed wire and concertina coil
- Supply and install new post arms, barbed wire and concertina coil in accordance to CSC Technical Criteria Items 11 to 13.
- Top Rail will have to be removed and re-installed through post arms.
- Paint post arms and wire ties to match black fence colour. Paint any surfaces discoloured by this work.
- [IPF]** - EXISTING TOTAL LENGTH = 917.0 Im [909.0 Im Fence + [2] 4.0m Gates]
- Fence Height = 4.2 m
- Remove existing post arms, barbed wire and concertina coil
- Supply and install new post arms, barbed wire and concertina coil in accordance to CSC Technical Criteria Items 11 to 13.
- Top Rail will have to be removed and re-installed through post arms.
- Paint post arms and wire ties to match black fence colour. Paint any surfaces discoloured by this work.
- [DF1]** - EXISTING TOTAL LENGTH = 30.1 Im
- Existing Fence Height = 4.2 m
- Remove a portion of the Fence & Gate assembly
• 4.0m wide double swing Gate
• 6.0 Im fence [see Elevation]
• fence posts, foundations & supporting structure
- Provide new 114mm Ø strain post at start of sloped grade
- Provide new G1 Gate c/w new 150mm Ø gate post @ 2.5m off of IPF
- Provide new partial fence on either side of new gate at same height as existing fence in accordance to CSC Technical Criteria Fence & Gate Construction requirements [see Elevations & Details].
- Provide new 114mm Ø strain post @ 2.5m off of IPF, including extension arms on both sides of fence and concertina coils on both sides of fence. Re-Install FDS to this Fence Panel; See Elec. Drwgs.
- [DF2]** - NEW TOTAL LENGTH = 84.2 Im [79 Im Fence + 4.0m Gate + 1.2m Gate]
- Existing Fence Height = 2.4 m
- Remove the entire existing Fence assembly
• 4.0m wide double swing Gate
• 1.2m wide man Gate
• 70.8 Im fence
• fence posts, foundations & supporting structure
- Repair the ground to match existing (see Notes Regarding Repairs to Existing Ground Cover on drawing #A1.0)
- New Fence Height = 3.6 m
- Provide New Fence in accordance to CSC Technical Criteria Fence Construction Items 1 to 14.
- Provide New G0 Gate, New G2 Gate [align with fire hydrant for fire access] at location indicated in accordance to CSC Technical Criteria Gate Construction Items 1 to 10 [see Elevations & Details].
- [DF3]** - NEW TOTAL LENGTH = 85.5 Im [80.3 Im Fence + 4.0m Gate + 1.2m Gate]
- Existing Fence Height = 4.2 m
- Remove the entire existing Fence assembly
• 4.0m wide double swing Gate
• 1.2m wide man Gate
• 80.3 Im fence
• fence posts, foundations & supporting structure
- Repair the ground to match existing (see Notes Regarding Repairs to Existing Ground Cover on drawing #A1.0)
- New Fence Height = 3.6 m
- Provide New Fence in accordance to CSC Technical Criteria Fence Construction Items 1 to 14; including extension arms on both sides of fence and concertina coils on both sides of fence.
- Provide new 114mm Ø strain post @ 2.5m off of IPF & connections to New DF9 & DF10 Fences; including extension arms on both sides of fence and concertina coils on both sides of fence. Re-Install FDS to this Fence Panel; See Elec. Drwgs.
- Provide New G0 Gate, New G1 Gate at location indicated in accordance to CSC Technical Criteria Gate Construction Items 1 to 10. [see Elevations & Details].
- [DF4]** - NEW TOTAL LENGTH = 113.8 Im [109.8 Im Fence + 4.0m Gate]
- Existing Fence Height = 3.6 m
- Remove the entire existing Fence assembly
• 4.0m wide double swing Gate
• 109.8 Im fence
• fence posts, foundations & supporting structure
- Repair the ground to match existing (see Notes Regarding Repairs to Existing Ground Cover on drawing #A1.0)
- New Fence Height = 3.6 m
- Provide New Fence in accordance to CSC Technical Criteria Items 1 to 14.
- Provide new 114mm Ø strain post @ 2.5m off of IPF, including extension arms on both sides of fence and concertina coils on both sides of fence. Re-Install FDS to this Fence Panel; See Elec. Drwgs.
- Provide New G3 Gate, Vehicle / Pedestrian Gate combo, at location indicated in accordance to CSC Technical Criteria Gate Construction Items 1 to 10. [see Elevations & Details].
- [DF5]** - EXISTING TOTAL LENGTH = 42.3 Im [41.1 Im Fence + 1.2m Gate]
- Fence Height = 3.6 m
- Remove existing barbed wire and concertina coil or razor ribbon coil
- Supply and install new barbed wire and concertina coil in accordance to CSC Technical Criteria Items 12 to 13.
- Paint over existing primed weld locations at chain link to posts as per 2 Step Paint Note and install with new wire ties in accordance to CSC Technical Criteria Item 7 between existing weld locations.
- [DF6]** - EXISTING TOTAL LENGTH = 21.8 Im [20.6 Im Fence + 1.2m Gate]
- Fence Height = 3.6 m
- Remove existing barbed wire and concertina coil or razor ribbon coil
- Supply and install new barbed wire and concertina coil in accordance to CSC Technical Criteria Items 12 to 13.
- Paint over existing primed weld locations at chain link to posts as per 2 Step Paint Note and install with new wire ties in accordance to CSC Technical Criteria Item 7 between existing weld locations.
- [DF7]** - EXISTING TOTAL LENGTH = 51.6 Im [50.4 Im Fence + 1.2m Gate]
- Fence Height = 3.6 m
- Supply and install new barbed wire and concertina coil in accordance to CSC Technical Criteria Items 12 to 13.
- Release existing welds of chain link fence to posts and re-install with new wire ties in accordance to CSC Technical Criteria Item 7.
- [DF8]** - NEW TOTAL LENGTH = 53.8 Im [48.6 Im Fence + 4.0m Gate + 1.2m Gate]
- Existing Fence Height = 2.4 m
- Remove the entire existing Fence assembly
• 4.0m wide double swing Gate
• 1.2m wide man Gate
• 48.6 Im fence
• fence posts, foundations & supporting structure
- Repair the ground to match existing (see Notes Regarding Repairs to Existing Ground Cover on drawing #A1.0)
- New Fence Height = 3.6 m
- Provide New Fence in accordance to CSC Technical Criteria Fence Construction Items 1 to 14.
- Provide New G0 Gate, New G2 Gate at location indicated in accordance to CSC Technical Criteria Gate Construction Items 1 to 10 [see Elevations & Details].
- [DF9]** - NEW TOTAL LENGTH = 53.8 Im [48.6 Im Fence + 4.0m Gate + 1.2m Gate]
- Existing Fence Height = 2.4 m
- Remove the entire existing Fence assembly
• 4.0m wide double swing Gate
• 1.2m wide man Gate
• 48.6 Im fence
• fence posts, foundations & supporting structure
- Repair the ground to match existing (see Notes Regarding Repairs to Existing Ground Cover on drawing #A1.0)
- New Fence Height = 3.6 m
- Provide New Fence in accordance to CSC Technical Criteria Fence Construction Items 1 to 14.
- Provide New G0 Gate, New G2 Gate at location indicated in accordance to CSC Technical Criteria Gate Construction Items 1 to 10 [see Elevations & Details].
- [SP1]** - EXISTING TOTAL LENGTH = 13.2 Im [Including New 4.0m Sliding Gate]
- Fence Height = 4.2 m
- Refer to EPF and IPF for identical construction requirements.
- [SP2]** - EXISTING TOTAL LENGTH = 28.4 Im [Including New 4.0m Sliding Gate]
- Fence Height = 4.2 m
- Refer to EPF and IPF for identical construction requirements.
- New Asphalt Ramp For Sidewalk Access To Road [see Details]

PAINT NOTE

Touch-Up paint to make good corrosive protection after site welding.

1. Zinc-Rich Primer (SPRAYON S00740)
2. Spray Finish Paint Coat (KRYLON INDUSTRIAL SILVER ZINC)

	Public Works and Government Services Canada	Travaux publics et Services gouvernementaux Canada
REAL PROPERTY SERVICES Western Region		
Client	Client	
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DAVID R. COUPLAND Reg. No. 542 Calgary		
TENDER SUBMISSION		
0	TENDER SUBMISSION	2018/02/15
REVISIONS	DESCRIPTION	DATE
A	detail number number du detail	A
B	source drawing no. de dessin no.	B
C	detail on drawing no. detail sur dessin no.	C
project title		
titre du projet		
Fence Assessment and Repair		
CSC REGIONAL PSYCHIATRIC CENTRE SASKATOON, SASKATCHEWAN		
drawing title		
titre du dessin		
COVER SHEET, PROJECT INFORMATION & DRAWING LIST		
designed by		
conçu par		
DRC		
drawn by		
dessiné par		
coupland		
approved by		
approuvé par		
PWGSC Project Manager		
Administrateur de Projets TPSGC		
JERRY AUJLA		
scale	AS NOTED	echelle
project no.	R.084540.001	proj. no.
date	2018/02/15	date
		sheet
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		A0.0
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