



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
- A3.1 CONTROL POST ARM 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

[12 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:

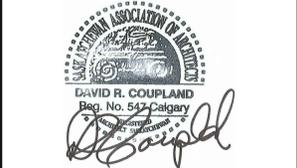
Refer to New Construction Fence Legend and Gate Legend on Drawing A3.0 for CSC Technical Criteria Fence Construction & CSC Technical Criteria Gate Construction

- EPF** - EXISTING TOTAL LENGTH = 938.5 lm [930.5 lm Fence + [2] 4.0m Gates]
 - Fence Height = 4.2 m
 - Remove existing barbed wire and concertina coil
 - Supply and install new barbed wire and concertina coil in accordance to CSC Technical Criteria Items 12 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 lm [909.0 lm Fence + [2] 4.0m Gates]
 - Fence Height = 4.2 m
 - Remove existing barbed wire and concertina coil
 - Supply and install new barbed wire and concertina coil in accordance to CSC Technical Criteria Items 12 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 lm
 - Existing Fence Height = 4.2 m
 - Remove a portion of the Fence & Gate assembly
 - 4.0m wide double swing Gate
 - 6.0 lm fence [see Elevation]
 - fence posts, foundations & supporting structure
 - Provide new 114mm Ø strain post @ 2.5m off of IPF
 - 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 lm [79 lm 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 lm 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 lm [80.3 lm 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 lm 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 G4 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 lm [109.8 lm Fence + 4.0m Gate]
 - Existing Fence Height = 3.6 m
 - Remove the entire existing Fence assembly
 - 4.0m wide double swing Gate
 - 109.8 lm 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 lm [41.1 lm 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.
 - Cut off existing wire ties at post and Paint over existing primed weld locations on posts as per 2 Step Paint Note and install new wire ties in accordance to CSC Technical Criteria Item 7 at each existing tie location.
- DF6** - EXISTING TOTAL LENGTH = 21.8 lm [20.6 lm 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.
 - Cut off existing wire ties at post and Paint over existing primed weld locations on posts as per 2 Step Paint Note and install new wire ties in accordance to CSC Technical Criteria Item 7 at each existing tie location.
- DF7** - EXISTING TOTAL LENGTH = 51.6 lm [50.4 lm 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.
 - Cut off existing wire ties at post and Paint over existing primed weld locations on posts as per 2 Step Paint Note and install new wire ties in accordance to CSC Technical Criteria Item 7 at each existing tie location.
- DF8** - NEW TOTAL LENGTH = 53.8 lm [48.6 lm 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 lm 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 lm [48.6 lm 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 lm 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 lm [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 lm [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)



2	ADDENDUM #2 SUBMISSION	2018/04/17
1	ADDENDUM #1 SUBMISSION	2018/04/11
0	TENDER SUBMISSION	2018/02/15

REVISIONS	DESCRIPTION	DATE
A	detail number number du détail	
B	source drawing no. de dessin no.	
C	detail on drawing no. détail sur dessin no.	

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 / échelle
AS NOTED

project no. / projet no.
R.084540.001

date / date
2018/02/15

sheet / feuille
A0.0
OF 16