

**TYPICAL CSC TECHNICAL CRITERIA FENCE CONSTRUCTION (Refer to Specifications)**

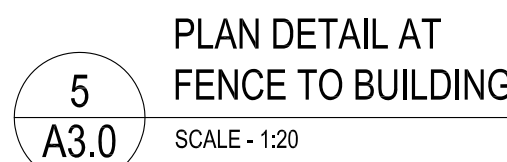
1. Chain Link Fabric: Mesh size to be 50.8 mm, Wire Size to be 4.8 mm (6 Gauge).
2. Posts shall be spaced a maximum of 2.5 m apart.
3. Line Post minimum size shall be 73 mm O.D. 8.6 kg/m.
4. Strain Post minimum size shall be 114 mm O.D. 15.92 kg/m. Spaced not more than 60 m apart.
5. Corner and Gate Post minimum size shall be 150 mm O.D. 21.0 kg/m.
6. Bottom and Top Rails minimum size shall be 42.2 mm O.D. 3.4 kg/m.
7. The Wires shall be 3.7 mm diameter (9 Gauge) galvanized steel wire to secure chain link fabric to bottom rail, top rail and line posts at 300 mm spacing. Provide minimum 3 full twists at each corner/innate side of posts and rails. Bend twisted wire ties back to face of posts and rails.
8. Tension Bars for holding ends of chain link fabric at locations of Strain Posts and Corner/Gate Posts shall be 5 mm x 20 mm x full height of fabric galvanized steel.
9. Tension Bar Bands shall be 3 mm x 20 mm galvanized steel spaced vertically at 300 mm.
10. Posts shall be provided with post caps. Post caps shall be provided as follows:
  - a. Galvanized Steel Arms shall be provided on all posts where barbed concertina is to be installed.
11. For concertina coil support at fence top, two barbed wires stretched and fixed to post arms shall be provided. Barbed Wire shall consist of two strands of 12 gauge wire with 4 point barbs at 130 mm spacing; all galvanized.
12. Barbed Tense Concertina (B.T.C.) shall be supplied and installed in accordance to the specification.
13. All new Fences to be 3.6m high; unless stated otherwise.

**TYPICAL SPEC SPEC TECHNICAL CRITERIA GATE CONSTRUCTION: SWING GATES ONLY (Refer to Specifications)**

1. Chain Link Fabric: Mesh size to be 50.8 mm. Wire Size to be 4.8 mm (6 Gauge).
2. Vehicle Gate Framing members shall be 73 mm O.D. 8.6 kg/m galvanized pipe welded and drained.
3. Vehicle Gate shall have three gate hings. Foot, mid height and top locking shall be accomplished with detention grade cremone lockers engineered mechanism and locked with padlocks.
4. Pedestrian Gate Framing members shall be 43 mm O.D. 3.4 kg/m galvanized pipe welded and drained.
5. Pedestrian Gate Bars shall be 1.2 m X 2.1 m clear opening minimum.
6. Fencing Bars for holding ends of chain link fabric at locations of Gate Frame members shall be 5 mm x 20 mm x full height of fabric, galvanized steel.
7. Vehicle Bar Bands shall be 3 mm x 20 mm galvanized steel spaced vertically at 300 mm.
8. Galvanized Steel Arms shall be provided on vertical gate frame members where barbed concertina is to be installed. Vehicle Gates in Fences with B.T.C.
9. For concertina coil support at gate top, two barbed wires stretched and fixed to steel arms shall be provided. Barbed Wire shall consist of two strands of 12 gauge wire with 4 point bars at 120 mm spacing, all galvanized. Vehicle Gates in Fences with 5-T.C.
10. Barbed Tape Concertina (B.T.C.) shall be supplied and installed in accordance to the specifications. Vehicle Gates in Fences with B.T.C.

- 1) All Existing Vehicle Double Gates constructed with 42 OD Pipe not 73 OD Pipe.
- 2) New Gate Sizes are located on Sheet A3.0 within Gate Elevations.

1) Top bolt must engage receiver prior to bottom bolt; in order to allow manual alignment of Gates.



NOTE: CONCERTINA BARB TAPE: 710mm Ø NOMINAL - INSTALLED @ 630mm Ø

0	TENDER SUBMISSION	2018/02/15
REVISIONS	DESCRIPTION	DATE

A detail number  
number du detail

B source drawing no.  
de dessin no.

C detail on drawing no.  
detail sur dessin no.

project title	titre du projet
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### Fence Assessment and Repair

**CSC REGIONAL PSYCHIATRIC CENTRE  
SASKATOON, SASKATCHEWAN**

### CSC TECHNICAL CRITERIA

#### TYPICAL FENCE & GATE DETAILS

designed by	DRC	conçu par	
drawn by	dessiné par		
	coupland		
approved by	approuvé par		
PWOSC Project Manager		Administrateur de Projets TPSCG	
JERRY AUJLA			
scale	echelle	sheet	feuille
AS NOTED		<div style="font-size: 2em; font-weight: bold; text-align: center;">A3.0</div>	
project no.	project no.		
R.084540.001			
date	date	OF 16	
2018/02/15			