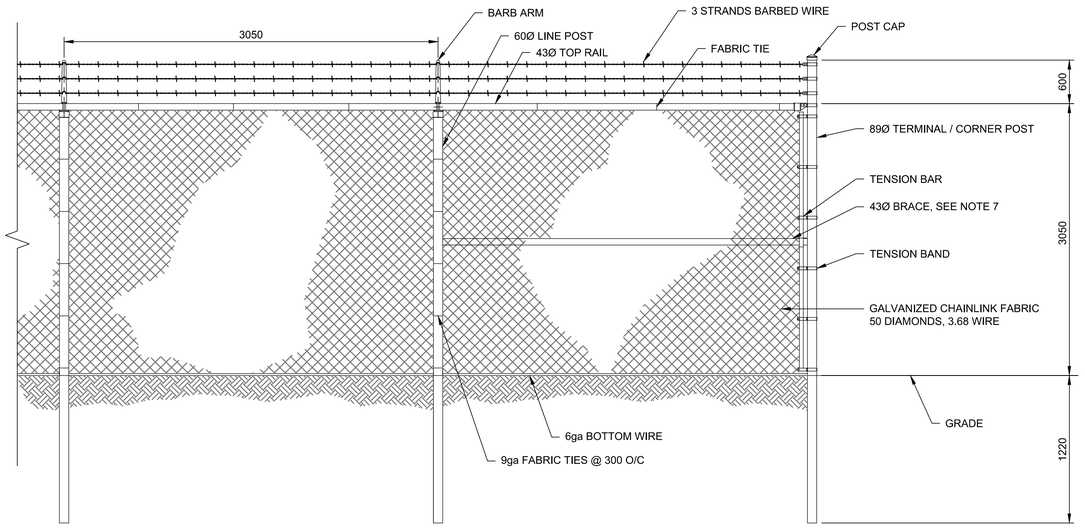
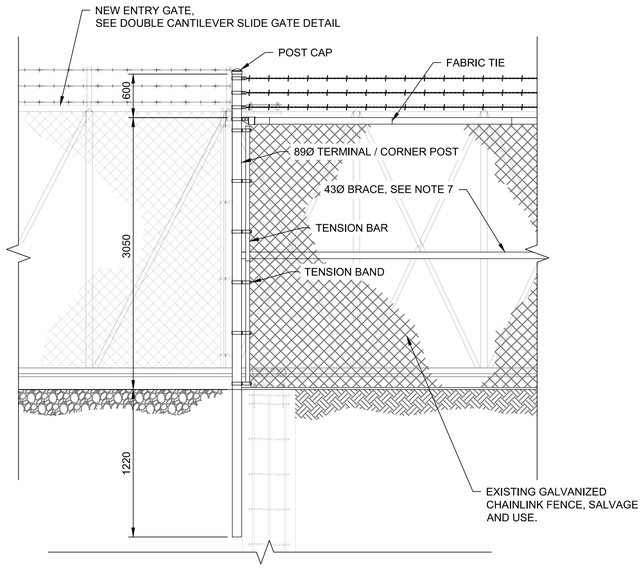


1 PERIMETER FENCE DETAIL
CT-02, CT-03, CT-04, CT-05



2 EXISTING FENCE AT NEW GATE LOCATION DETAIL
CT-03, CT-05

FENCING:

1. EXCEPT SPECIFIED OTHERWISE, FENCING SHALL BE PROVIDED IN ACCORDANCE WITH CW 3550-R3.
2. THE 3050mm HIGH FENCING SHALL BE PROVIDED WITH THE FOLLOWING SPECIFICATIONS:

2.1 LINE POSTS, TERMINAL POSTS AND CORNER POSTS: SCHEDULE 40 HOT DIP GALVANIZED STEEL PIPE, SIZED AS PER DETAILS.

2.2 TOP RAILS: SCHEDULE 40 HOT DIP GALVANIZED STEEL PIPE, IN 6.4m LENGTHS, NOT LESS THAN 43mm OUTSIDE DIAMETER.

2.3 BOTTOM TENSION WIRE: NO. 6 GAUGE SINGLE STRAND GALVANIZED STEEL WIRE.

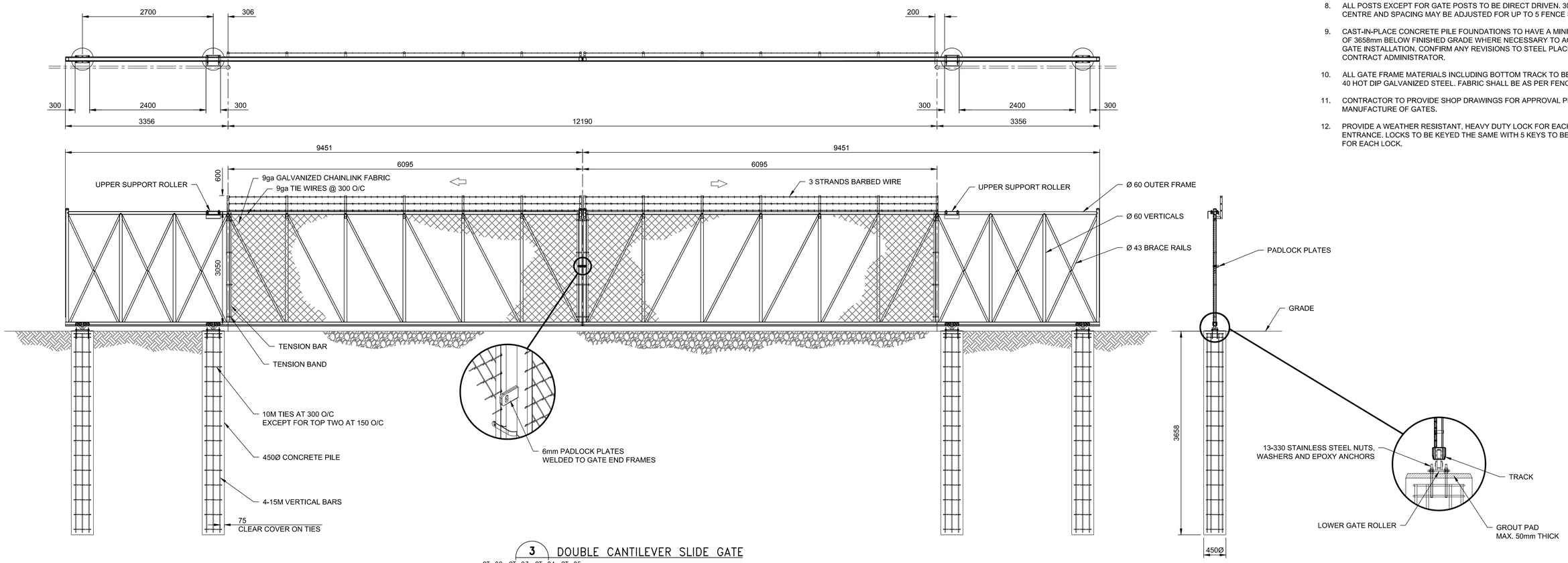
2.4 FABRIC SHALL BE No. 9 GAUGE STEEL WIRE WOVEN INTO A UNIFORM 50mm DIAMOND PATTERN MESH AS SPECIFIED IN CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS CW 3550-R3.

2.5 FABRIC SHALL BE ZINC COATED BEFORE WEAVING BY THE HOT DIP PROCESS TO AN AVERAGE MASS PER UNIT AREA OF NOT LESS THAN 490g/m2.

2.6 FABRIC SHALL BE FREE OF EXCESSIVE ROUGHNESS, BLISTERS, SAL AMMONIAC SPOTS, BRUISES, OR FLAKING.

2.7 TENSION BANDS SHALL BE AS SPECIFIED IN CW3550-R3 AND WITH A MAXIMUM SPACING OF 380mm ON TERMINAL POSTS.

3. PROVIDE TOP GUARD CONSISTING OF 600mm TALL OUTRIGGER BARBED WIRE AT 45 DEGREE ANGLE, FACING OUTWARD WITH 3 STRANDS OF 13.5 GAUGE BARBED WIRE TO THE TOP OF ALL 3050mm HIGH FENCING.
4. FENCING SHALL BE STEPPED IF NECESSARY TO ACCOMMODATE UNEVEN GROUND.
5. FENCE POST LENGTHS TO BE EXTENDED AT DITCH CROSSING LOCATION TO SUIT GROUND LEVELS. TOP OF FENCE AND POST TO POST DIMENSIONS REMAIN AS PER DETAIL 1. VOID BELOW BOTTOM RAIL AND FINISHED GROUND LEVEL TO BE CLOSED USING A MESH OF 13mm DIAMETER GALVANIZED STEEL RODS AT 150mm BOTH WAYS. (GALVANIZED AFTER WELDING).
6. CONNECTIONS TO THE EXISTING FENCE SHALL BE MADE AT POSTS. ADJUST EXISTING FENCE AS NECESSARY TO ACCOMODATE NEW GATES.
7. BRACE FENCING AT MID-HEIGHT WITH SCHEDULE 40 HOT DIP GALVANIZED STEEL PIPE NOT LESS THAN 43mm OUTSIDE DIAMETER FOR ONE FENCE SECTION FROM CORNER AND TERMINAL POSTS. CORNER POSTS REQUIRE 2 BRACES.
8. ALL POSTS EXCEPT FOR GATE POSTS TO BE DIRECT DRIVEN. 3050mm ON CENTRE AND SPACING MAY BE ADJUSTED FOR UP TO 5 FENCE SECTIONS.
9. CAST-IN-PLACE CONCRETE PILE FOUNDATIONS TO HAVE A MINIMUM DEPTH OF 3658mm BELOW FINISHED GRADE WHERE NECESSARY TO ACCOMODATE GATE INSTALLATION. CONFIRM ANY REVISIONS TO STEEL PLACEMENT WITH CONTRACT ADMINISTRATOR.
10. ALL GATE FRAME MATERIALS INCLUDING BOTTOM TRACK TO BE SCHEDULE 40 HOT DIP GALVANIZED STEEL. FABRIC SHALL BE AS PER FENCING NOTE 2.4.
11. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURE OF GATES.
12. PROVIDE A WEATHER RESISTANT, HEAVY DUTY LOCK FOR EACH GATE ENTRANCE. LOCKS TO BE KEYED THE SAME WITH 5 KEYS TO BE PROVIDED FOR EACH LOCK.



3 DOUBLE CANTILEVER SLIDE GATE
CT-02, CT-03, CT-04, CT-05

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: JUNE 27, 2018

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NO.	REVISIONS	DATE	DESIGN	CHECK
1	ISSUED FOR ADDENDUM 1	2018-07-06	CS	BC
0	ISSUED FOR TENDER	2018-06-27	CS	BC
A	ISSUED FOR 90% REVIEW	2018-05-30	CS	BC

AECOM

DESIGNED BY: CS	CHECKED BY: BC/RC
DRAWN BY: CS	APPROVED BY: RC
SCALE: NTS	RELEASED FOR CONSTRUCTION BY:
DATE: 2018-07-06	DATE:
CONSULTANT NO.: CT-07	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R. T. CUNNINGHAM
Member
24711
REGISTERED PROFESSIONAL ENGINEER

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NEWPCC UPGRADE SITE PREPARATION WORKS
PARCEL B ROAD AND ASSOCIATED WORKS
FENCE DETAIL SHEET

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-CRSW-Y007	001	0	A1

A1 SIZE - 594mm x 841mm

LAST SAVE: 2018/07/05 10:28 AM
PATH: \\CAWPG1FP0004.aecom.ext\Data\Projects\60484163\900-Work\910-CAD\20-SHEETS\31 Temporary Access Contract\1-0101-CRSW-Y007-001-1.dwg