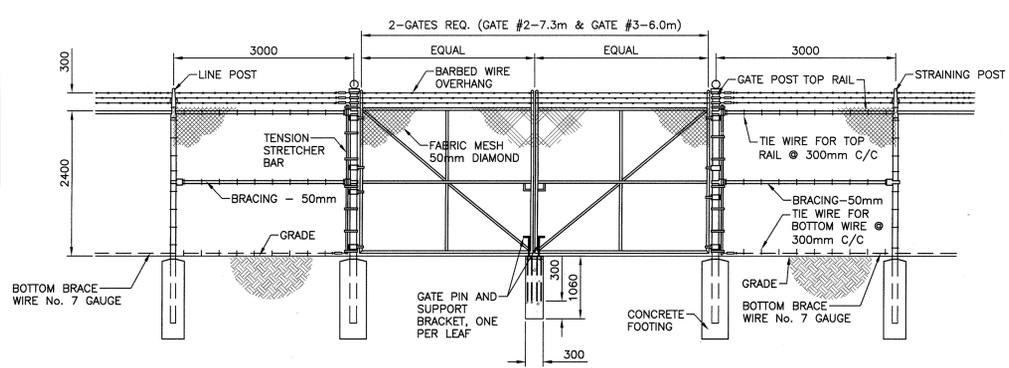


**GENERAL FENCE NOTES:**

- CHAIN LINK FENCE SHALL BE COMPOSED OF CHAIN LINK FABRIC, TERMINAL AND GATE POSTS, CORNER POSTS, LINE POSTS, TOP RAIL, BRACES, BOTTOM STEEL WIRE, BARBED WIRE AND ALL REQUIRED ACCESSORIES.
- ALL WORK SHALL BE IN CONFORMITY WITH THIS DRAWING AND THE REQUIREMENTS OF THE LATEST ISSUES OF THE FOLLOWING CODES AND LATEST REVISIONS STANDARDS:
- ASTM F2811: STANDARD GUIDE FOR DESIGN CONSTRUCTION OF CHAIN LINK SECURITY FENCING.
- ASTM A121: STANDARD SPECIFICATION FOR METALLIC-COATED CARBON STEEL BARBED WIRE.
- ASTM F567: STANDARD PRACTICE FOR INSTALLATION OF CHAIN-LINK FENCE.
- ASTM F626: STANDARD SPECIFICATION FOR FENCE FITTINGS.
- ASTM A817: STANDARD SPECIFICATION FOR METALLIC-COATED STEEL WIRE FOR CHAIN-LINK FABRIC AND MARCELLED TENSION WIRE.
- ASTM A824: STANDARD SPECIFICATION FOR METALLIC-COATED STEEL MARCELLED TENSION WIRE FOR USE WITH CHAIN LINK FENCE.
- ASTM F900: STANDARD SPECIFICATION FOR INDUSTRIAL AND COMMERCIAL STEEL SWING GATES.
- ASTM F1043: STANDARD SPECIFICATION FOR STRENGTH AND PROTECTIVE COATINGS ON STEEL INDUSTRIAL FENCE FRAMEWORK.
- ASTM F1083: STANDARD SPECIFICATION FOR PIPE, STEEL, HOT-DIPPED ZINC COATED (ZINC COATED), WELDED FOR FENCE STRUCTURES.
- ASTM A491 - 11 STANDARD SPECIFICATION FOR ALUMINUM-COATED STEEL CHAIN-LINK FENCE FABRIC.
- CHAIN LINK FABRIC: THE FABRIC SHALL BE 2400 mm WIDE WITH A UNIFORM 50 mm PATTERN CHAIN-LINK MESH, INTERWOVEN 3.75 mm WIRE, IN ACCORDANCE WITH ASTM A817. THE FENCE WIRE SHALL BE ALUMINUM COATED STEEL IN ACCORDANCE TO ASTM A491.
- POSTS AND RAILS SHALL BE SCHEDULE 40 HIGH STRENGTH GRADE, GRADE B, HOT-DIPPED PROTECTIVE ZINC COATING, IN ACCORDANCE TO ASTM F1043 / F1083 (FY=240 MPa).
- SWING GATE MEMBERS SHALL BE SCHEDULE 40 HIGH STRENGTH GRADE, GRADE B, HOT-DIPPED PROTECTIVE ZINC COATING, IN ACCORDANCE TO ASTM F1043 / F1083 (FY=240 MPa).
- GATE LEAF SHALL HAVE VERTICAL INTERIOR BRACING AND DIAGONAL MEMBER. HORIZONTAL INTERIOR BRACES SHALL NOT BE USED.
- ALL GATES SHALL BE CAPABLE OF OPENING 180 DEG. ALL GATES SHALL BE HORIZONTALLY INSTALLED EVEN IF THE FINISHED GRADE IS SLOPED.
- TENSION WIRE: STEEL WIRE 7 GA (4.5 mm), TYPE 1 ALUMINUM-COATED (122 gm/m<sup>2</sup>) CONFORM TO ASTM A817 AND A824.
- BARBED WIRE: TYPE 12-4-5-14R IN ACCORDANCE WITH TABLE 1- ASTM A121. EACH STRAND SHALL CONSIST OF TWO TWISTED STRANDS EACH OF NOT LESS THAN 2.31 mm STEEL WIRE WITH 4 BARBS (POINTS) OF NOT LIGHTER THAN 2 mm WIRE SPACED 127 mm APART.
- THE BARBED WIRE SHALL BE ALUMINUM-COATED STEEL WIRE (COATING TYPE A) IN ACCORDANCE WITH SPECIFICATION ASTM A824.
- BARBED WIRE SUPPORTING BRACKETS SHALL SLOPE OUTWARD. A SINGLE 45 DEG BENT EXTENSION ARM SUITABLE FOR THE ATTACHMENT OF THREE STRANDS OF BARBED WIRE SHALL BE PROVIDED. THE ARM SHALL BE DESIGNED SO THAT THE BARBED WIRE WILL BE HELD IN THE WIRE SLOTS BY MEANS OF LUGS OR STITCH WIRE, HOLDING THE BARBED WIRE IN THESE SLOTS BY MEANS OF THE TENSION IN THE WIRE ALONE SHALL NOT BE PERMITTED.
- BARBED WIRE IS TO BE FASTENED USING TURNBUCKLES.
- FITTINGS SHALL BE IN ACCORDANCE TO ASTM F626. ALL FITTINGS SHALL BE STEEL HAVING A HOT DIPPED GALVANIZED COATING WITH A MINIMUM (366 gm/m<sup>2</sup>) OF ZINC COATING OF THE SURFACE AREA.
- ALL WELDING SHALL CONFORM TO CSA W59, CSA S16 AND SHALL BE PERFORMED BY A WELDER QUALIFIED UNDER CSA W47.

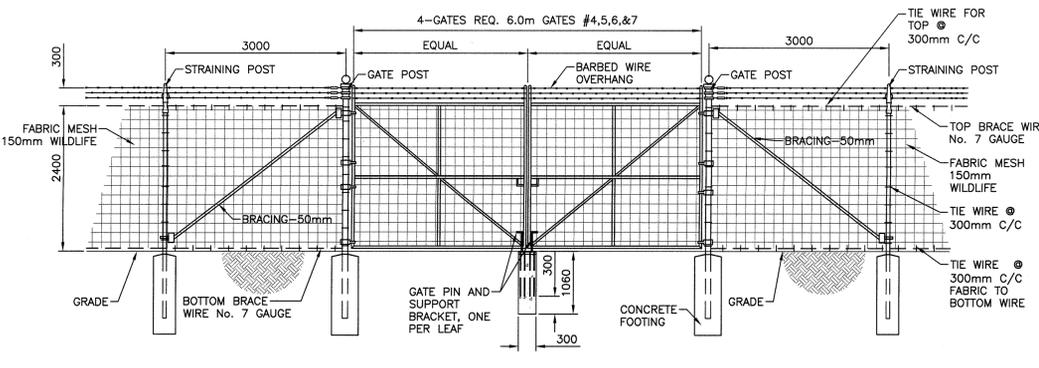


CHAIN LINK FENCE

ELEVATION - MANUALLY OPERATED VEHICLE (DOUBLE) SWING GATE **1**

SCALE: 1:50

CHAIN LINK SECURITY FENCE POST SCHEDULE				
POST	CONCRETE FOOTINGS 30MPa		STEEL POSTS - ALL SCHEDULE 40	
POST TYPE	DIA. OF FOOTING	DEPTH OF FOOTING	DIAMETER	DEPTH IN FOOTING
CORNER END/ STRAINING/ CHANGE OF DIRECTION	375mm	1500mm	88.9mm	1200mm
VEHICLE / MAN GATE	450mm	1500mm	114.3mm	1200mm
LINE POST	300mm	1200mm	60.3mm	1100mm

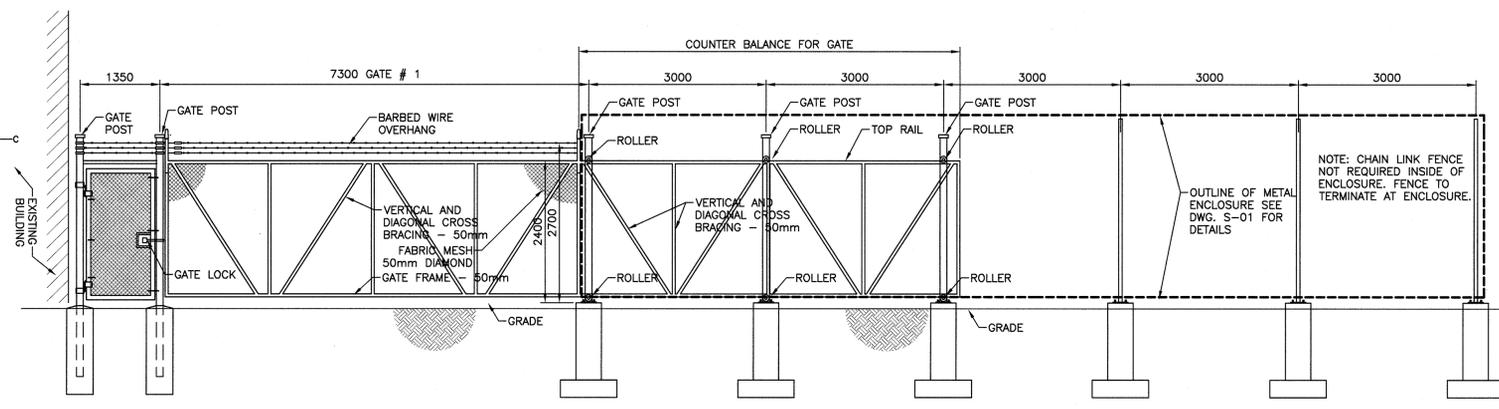


WILD LIFE FENCE

ELEVATION - MANUALLY OPERATED VEHICLE (DOUBLE) SWING GATE **2**

SCALE: 1:50

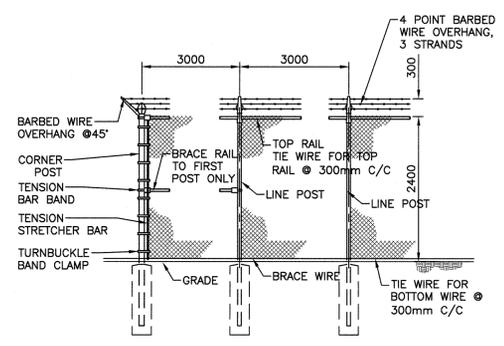
WILDLIFE SECURITY FENCE POST SCHEDULE				
POST	CONCRETE FOOTINGS 30MPa		STEEL POSTS - ALL SCHEDULE 40	
POST TYPE	DIA. OF FOOTING	DEPTH OF FOOTING	DIAMETER	DEPTH IN FOOTING
CORNER END/ STRAINING/ CHANGE OF DIRECTION	375mm	1500mm	60.3mm	1200mm
VEHICLE / MAN GATE	450mm	1500mm	88.9mm	1200mm
LINE POST - T BARS	200mm	1200mm	T BARS	1100mm



CHAIN LINK FENCE  
AUTOMATED OPERATION c/w PROXIMITY READER

DETAIL - CANTILEVERED GATE **3**

SCALE: 1:50



TYPICAL CONCRETE  
FOOTING DETAIL - SOIL **6**

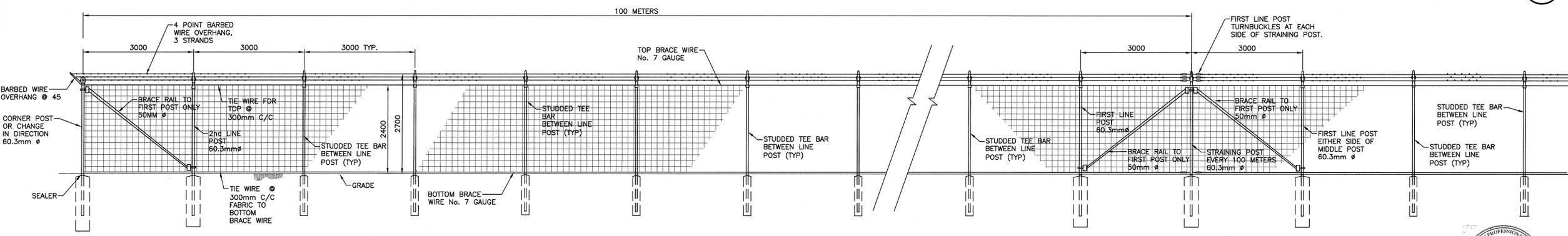
SCALE: 1:50

CHAIN LINK SECURITY FENCE DETAILS **4**

SCALE: 1:50

TYPICAL CONCRETE  
FOOTING DETAIL - ROCK **7**

SCALE: N.T.S.



DETAIL - WILD LIFE FENCE **5**

SCALE: 1:50

0	ISSUED FOR TENDER	JAN. 26 2017
revisions		date
project	FENCE GATE REPLACEMENT ST. ANTHONY AIRPORT ST. ANTHONY NEWFOUNDLAND AND LABRADOR	
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drawn	AC	dessiné
date		
approved	CSF	approuvé
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Tender	Submitted	
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