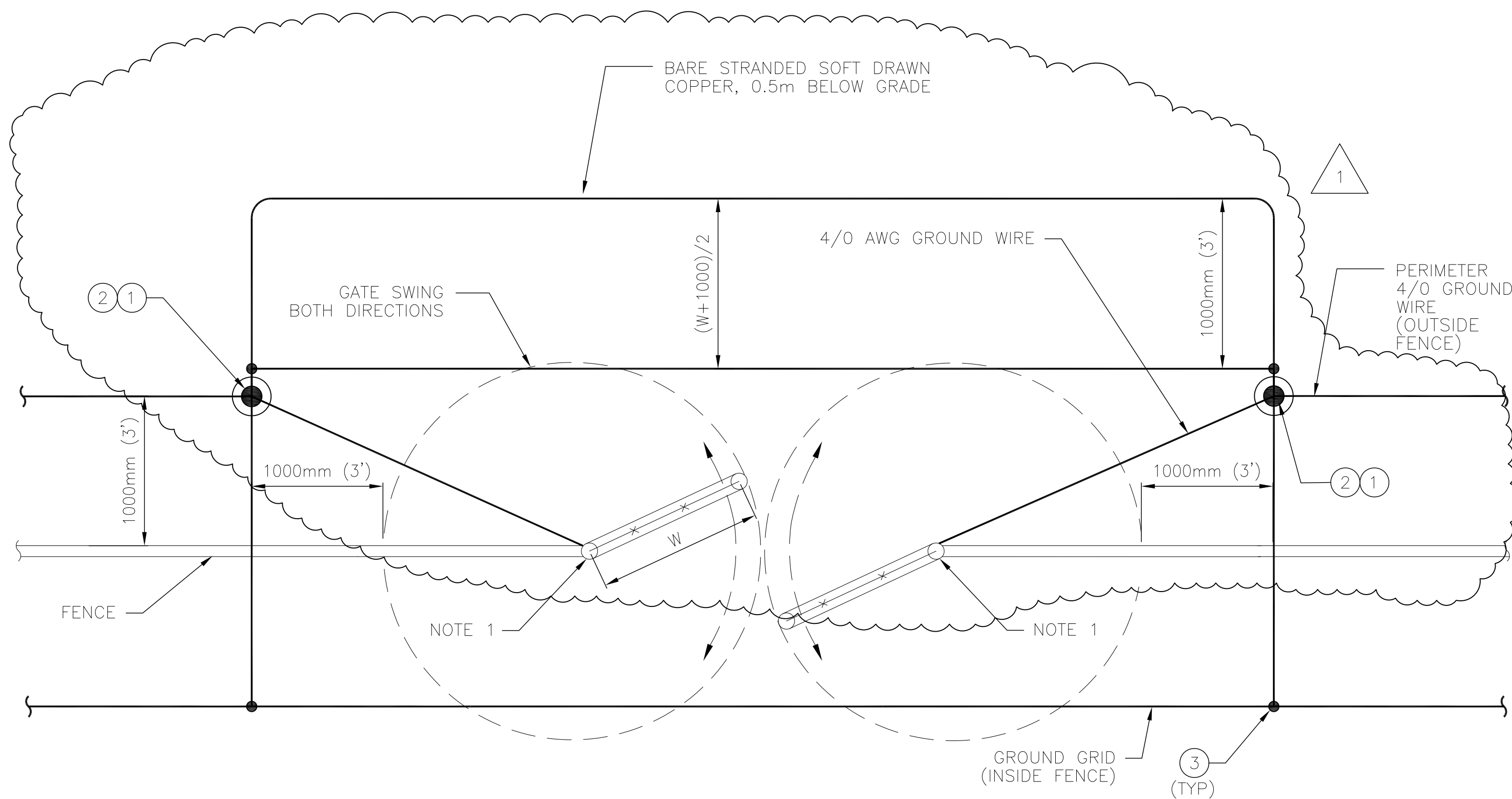


NOTES:

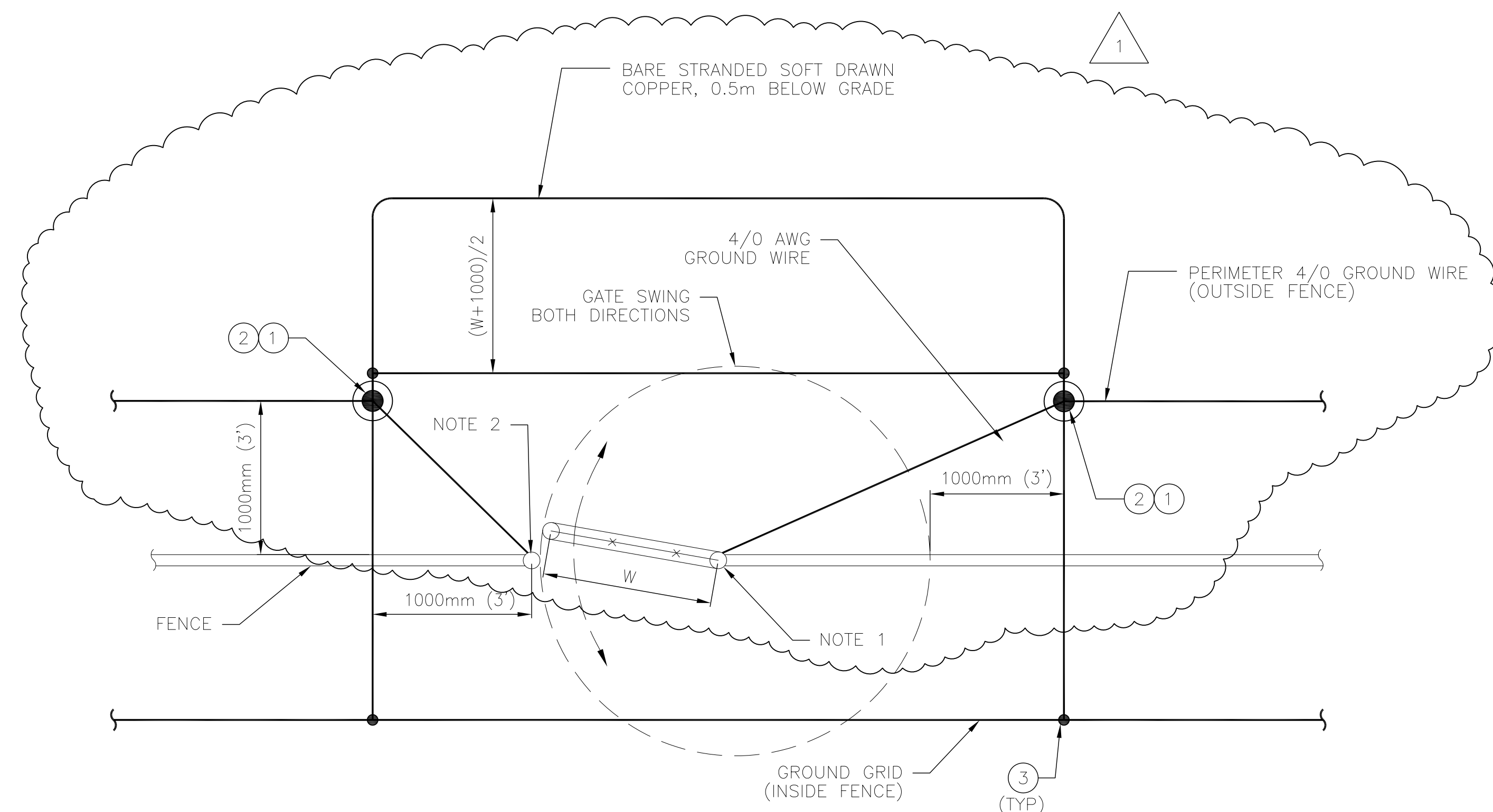
- REFER TO MXS-200-006 FOR DETAIL OF GROUNDING CONNECTIONS TO FENCE GATE.



DETAIL 1 - GROUND GRID AT SWING GATE (DOUBLE)

NOTES:

- REFER TO MXS-200-006 FOR DETAIL OF GROUNDING CONNECTIONS TO FENCE GATE.
- REFER TO MXS-200-006 FOR DETAIL OF GROUNDING CONNECTIONS TO FENCE POST.



DETAIL 2 - GROUND GRID AT SWING GATE (SINGLE)

NOTE:  
THIS DRAWING IS PROVIDED FOR INSTRUCTIONAL DESIGN PURPOSES ONLY BASED ON METROLINX GO TRANSIT DESIGN GUIDELINES AND REQUIREMENTS. THE CONSULTANT SHALL VERIFY FOR LOCAL CODE COMPLIANCE, EXISTING SITE CONDITIONS AND INTER DISCIPLINARY DRAWING COORDINATION. ALL DIMENSIONS AND SPECIFICATIONS SHOULD BE VERIFIED BY CONSULTANT AND/OR CONTRACTOR BEFORE ACTUAL CONSTRUCTION BEGINS.

ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	2	EA	COPPER CLAD STEEL GROUND ROD 3MX20MM	(GENERIC)
2	2	EA	HORIZONTAL PARALLEL RUN 4/0 WIRE TO GROUND ROD	BURNDY: B-5677 OR EQUIVALENT
3	4	EA	HORIZONTAL 4/0 WIRE TAP TO HORIZONTAL 4/0 WIRE RUN EXOTHERMIC CONNECTION	BURNDY: B-241 OR EQUIVALENT

ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	2	EA	COPPER CLAD STEEL GROUND ROD 3MX20MM	(GENERIC)
2	2	EA	HORIZONTAL PARALLEL RUN 4/0 WIRE TO GROUND ROD	BURNDY: B-5677 OR EQUIVALENT
3	4	EA	HORIZONTAL 4/0 WIRE TAP TO HORIZONTAL 4/0 WIRE RUN EXOTHERMIC CONNECTION	BURNDY: B-241 OR EQUIVALENT

REFERENCE DRAWINGS		ISSUE		REVISIONS	
DWG NO.	TITLE	NO.	DATE	ISSUED FOR	REV. DATE
		3	15/04/06	FINAL DESIGN	
		2	15/03/06	100% DESIGN	
		1	15/02/09	90% DESIGN	
		0	15/01/16	60% DESIGN	
		1	15/04/15	REVISED DETAIL 1 AND 2	

DRAWN BY: SB 14/12/11	DESIGNED BY: SXF 14/12/11
CHECKED BY: CTG 15/01/16	APPROVED BY: ZBT 15/01/16
SCALE: NTS FULL SIZE ONLY	



TRACTION ELECTRIFICATION  
GROUNDING AND BONDING  
STANDARD INSTALLATION DESIGN DETAILS  
FENCE GATE GROUND LOOPS

CONTRACT NO. RQQ-2011-PP-032	DWG. NO. MXS-200-007	REV. 1	SHEET 15/26
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PLOTTED BY: PAULRI PLOTTED DATE: 2015/04/17 PAPER SIZE AT FULL: ANSI D (22.00 x 34.00 INCHES) FILE: \\FILE-RGCC01\DEPT\GOIC\07 PROGRAM MANAGEMENT & STANDARD\SPMPS DESIGN STANDARDS\7 ELECTRIFICATION\GROUNDING AND BONDING STANDARD DRAWINGS\MXS-200-007 REV.1.DWG