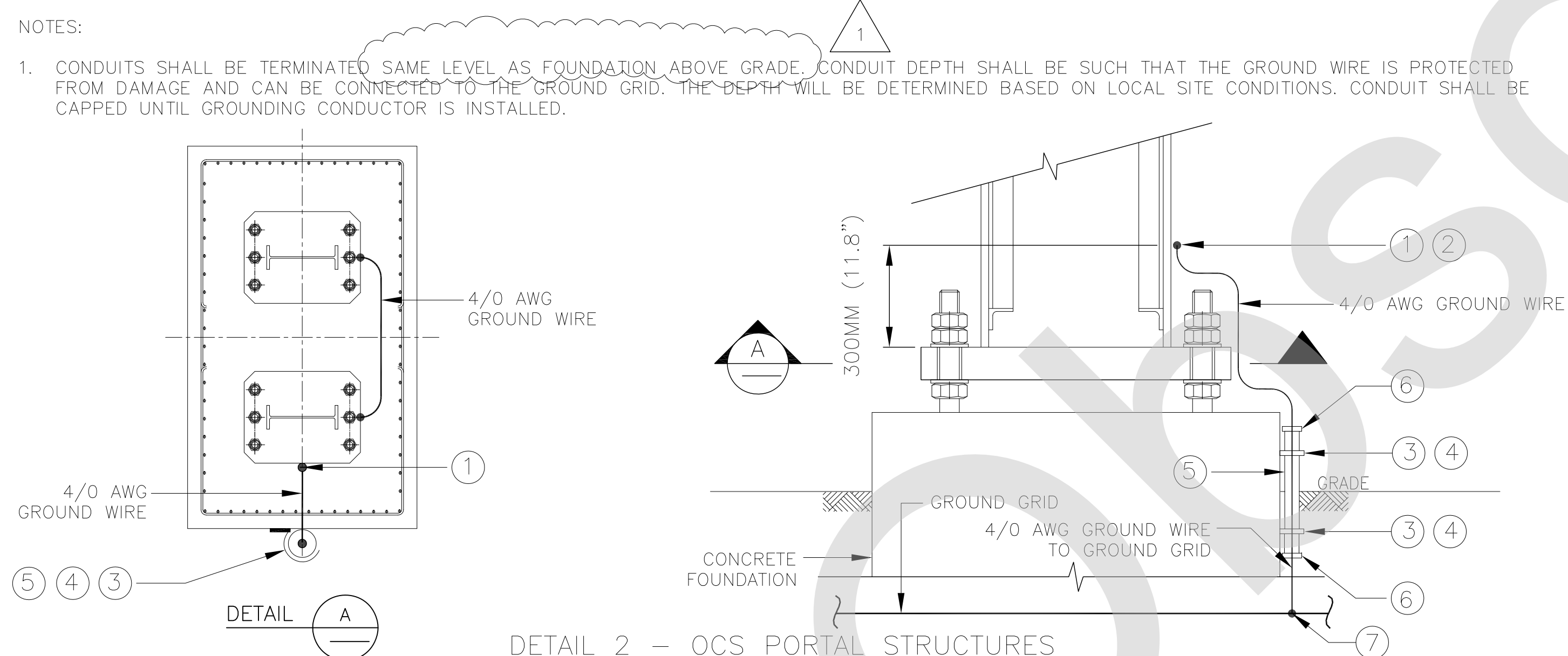


DETAIL 1 – LIGHTING POLES

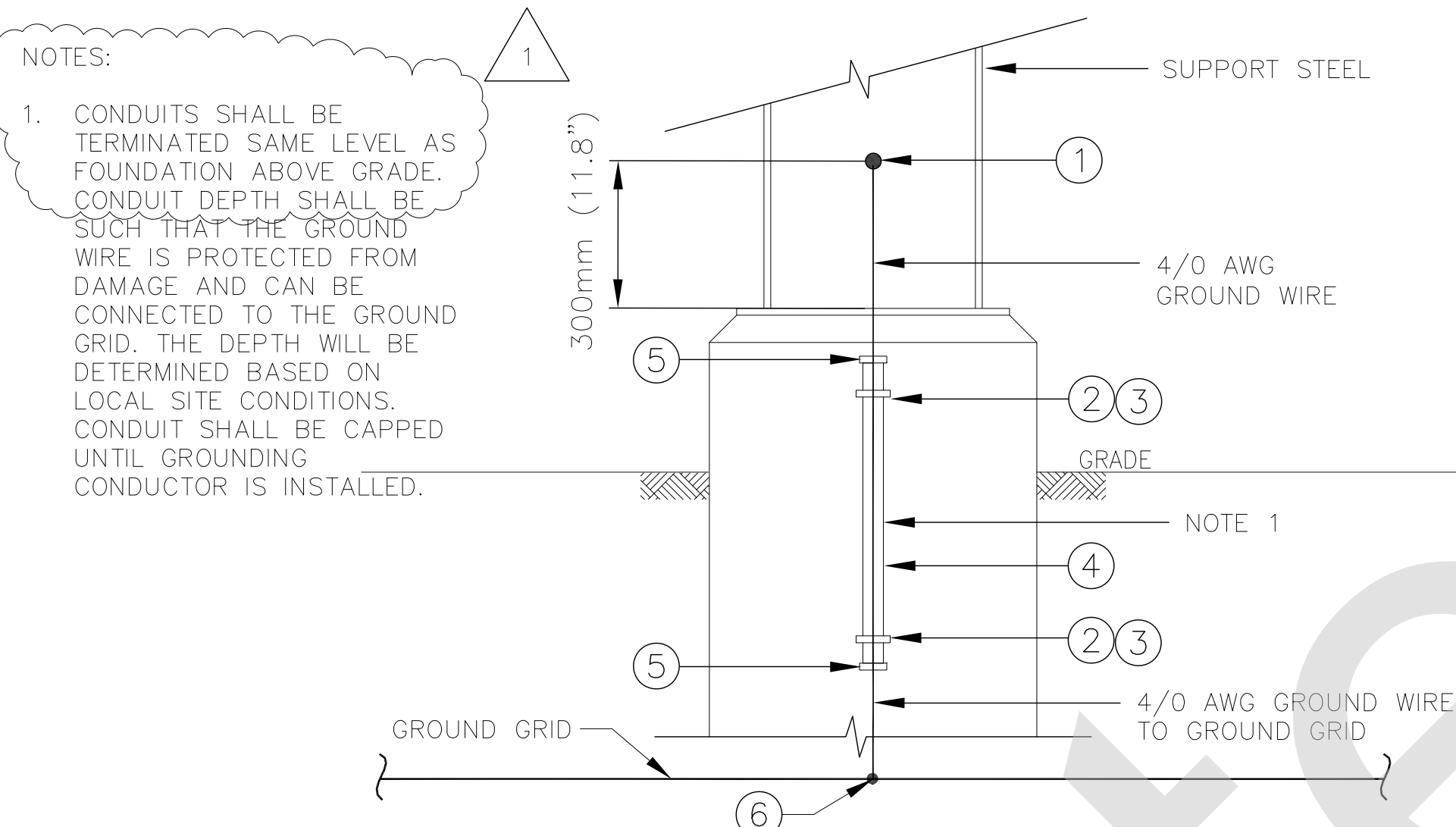
ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	1	EA	VERTICAL WIRE TAP TO VERTICAL STEEL SURFACE.	BURNDY: B-8718 OR EQUIVALENT
2	2	EA	ANCHOR, 1½", SS 304,316	HILTI: KB3 ¼" 2-¼" OR EQUIVALENT
3	2	EA	27mm (1") CONDUIT CLAMP 1-HOLE	T&B: 1278 OR EQUIVALENT
4	PER DESIGN	N/A	27mm (1") CONDUIT	(GENERIC)
5	2	EA	BUSHING	
6	1	EA	4/0 WIRE TAP TO 4/0 WIRE RUN	BURNDY: B-241 OR EQUIVALENT



DETAIL 2 – OCS PORTAL STRUCTURES

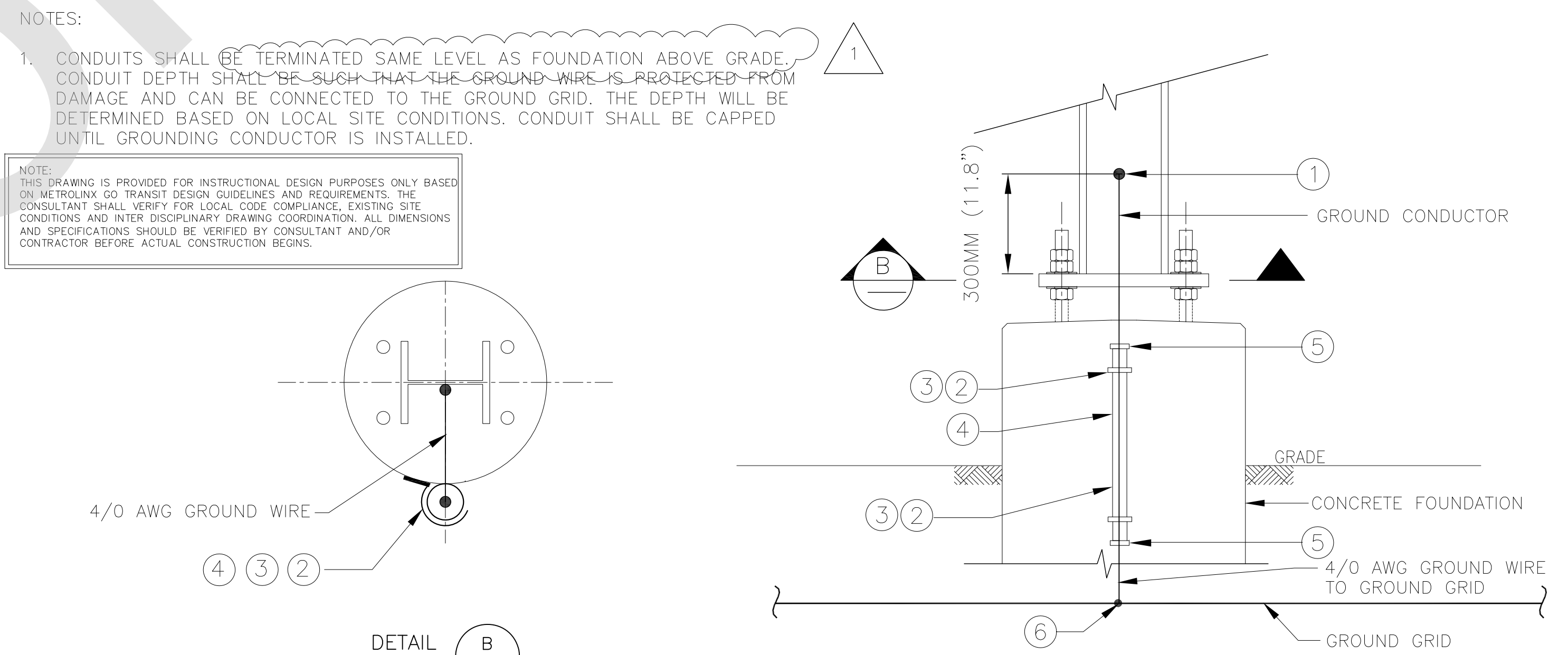
ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	1	EA	VERTICAL WIRE TAP TO VERTICAL STEEL SURFACE.	BURNDY: B-8718 OR EQUIVALENT
2	1	EA	HORIZONTAL WIRE TO A VERTICAL STEEL SURFACE	BURNDY: B-1633 OR EQUIVALENT
3	2	EA	ANCHOR, 1½", SS 304,316	HILTI: KB3 ¾" 2-¼" OR EQUIVALENT
4	2	EA	27mm (1") CONDUIT CLAMP 1-HOLE	T&B: 1278 OR EQUIVALENT
5	PER DESIGN	N/A	27mm (1") CONDUIT	(GENERIC)
6	2	EA	BUSHING	
7	1	EA	4/0 WIRE TAP TO 4/0 WIRE RUN	BURNDY: B-241 OR EQUIVALENT

REFERENCE DRAWINGS		ISSUE			REVISIONS		
		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 NOTES
DWG NO.	TITLE	NO.	DATE	ISSUED FOR	REV.	DATE	





DETAIL 4 – PROTECTIVE CANOPIES AND CANOPY COLUMNS

ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	1	EA	VERTICAL WIRE TAP TO VERTICAL STEEL SURFACE.	BURNDY: B-8718 OR EQUIVALENT
2	2	EA	ANCHOR, 1½", SS 304,316	HILTI: KB3 ¼" 2-¼" OR EQUIVALENT
3	2	EA	27mm (1") CONDUIT CLAMP 1-HOLE	T&B: 1278 OR EQUIVALENT
4	PER DESIGN	N/A	27mm (1") CONDUIT	(GENERIC)
5	2	EA	BUSHING	
6	1	EA	4/0 WIRE TAP TO 4/0 WIRE RUN	BURNDY: B-241 OR EQUIVALENT



DETAIL 3 - OCS POLES

ITEM	QTY	UNIT	MATERIAL DESCRIPTION	MANUFACTURER & CAT. NO.
1	1	EA	VERTICAL WIRE TAP TO VERTICAL STEEL SURFACE.	BURNDY: B-8718 OR EQUIVALENT
2	2	EA	ANCHOR, 1½", SS 304,316	HILTI: KB3 ¼" 2-¼" OR EQUIVALENT
3	2	EA	27mm (1") CONDUIT CLAMP 1-HOLE	T&B: 1278 OR EQUIVALENT
4	PER DESIGN	N/A	27mm (1") PVC CONDUIT	(GENERIC)
5	2	EA	BUSHING	(GENERIC)
6	1	EA	4/0 WIRE TAP TO 4/0 WIRE RUN	BURNDY: B-241 OR EQUIVALENT

REFERENCE DRAWINGS		ISSUE			REVISIONS			DRAWN BY: RCW 14/11/12	DESIGNED BY: SXF 14/11/12			TRACTION ELECTRIFICATION GROUNDING AND BONDING STANDARD INSTALLATION DESIGN DETAILS CANOPY COLUMNS AND OCS POLES			
							CHECKED BY: CTG 15/01/16	APPROVED BY: ZBT 15/01/16							
		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 NOTES							
DWG NO.	TITLE	NO.	DATE	ISSUED FOR	REV.	DATE						CONTRACT NO. RQQ-2011-PP-032	DWG. NO. MXS-200-008	REV. 1	SHEET 16/26