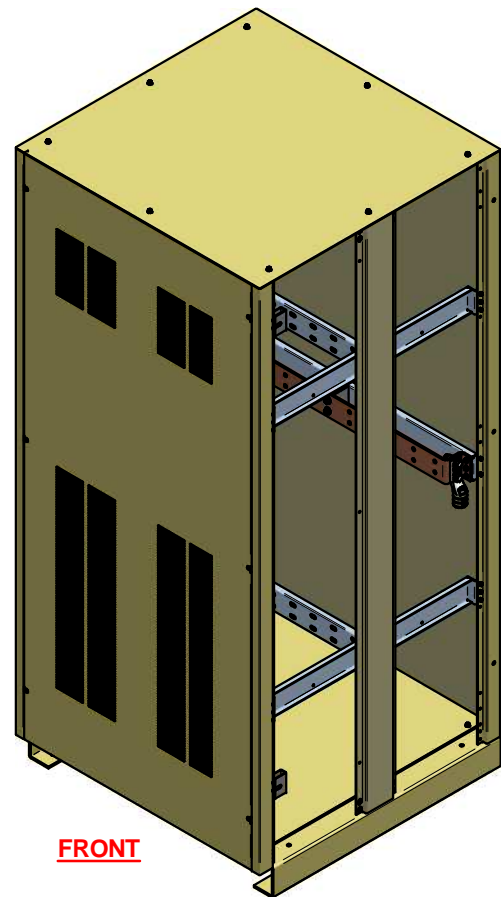


BILL OF MATERIAL



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	FINISH
1	1	UD-100701	FRAME 36" X 35.49" X 78.8		N/A
2	1	100.002.492	GROUND BUSS	1/4"THK	SILVER FLASH
3	6	900.000.001	SCREW;HX;HD;THD FORM; 1/4-20X1/2;ZNSTL		ZINC STL
4	4	900.000.008	WASHER;FLAT;1/2;SAE;ZNSTL		ZINC STL
5	2	900.000.020	NUT;HEXHD;1/2-13;GR5;ZNSTL		ZINC STL
6	2	900.000.012	WASHER;SPLIT LOCK;1/2;ZNSTL		ZINC STL
7	2	900.000.031	BOLT;HEXHD;1/2-13X1-3/4;GR5;ZNSTL		ZINC STL
8	11	900.000.007	WASHER;FLAT;3/8;SAE;ZNSTL		ZINC STL
9	2	900.000.011	WASHER; SPLIT LOCK;3/8;ZNSTL		ZINC STL
10	9	900.000.019	NUT;HEX;3/8-16;GR5;ZNSTL		ZINC STL
11	2	900.000.045	BOLT;HEXHD;3/8-16 X 1-1/4;GR5;ZNSTL		ZINC STL
12	1	UA-100318	GROUND WIRE; 750KCMIL		
13	1	900.000.033	BOLT;HEXHD;3/8-16X1-1/2;GR5;ZNSTL		ZINC STL
14	7	900.000.015	WASHER;SPRING;3/8;STL		ZINC STL
15	6	900.000.024	BOLT;HEXHD;3/8-16X3/4;GR5;ZNSTL		ZINC STL

FRONT

Torque Table for Grade 5 Steel Hardware

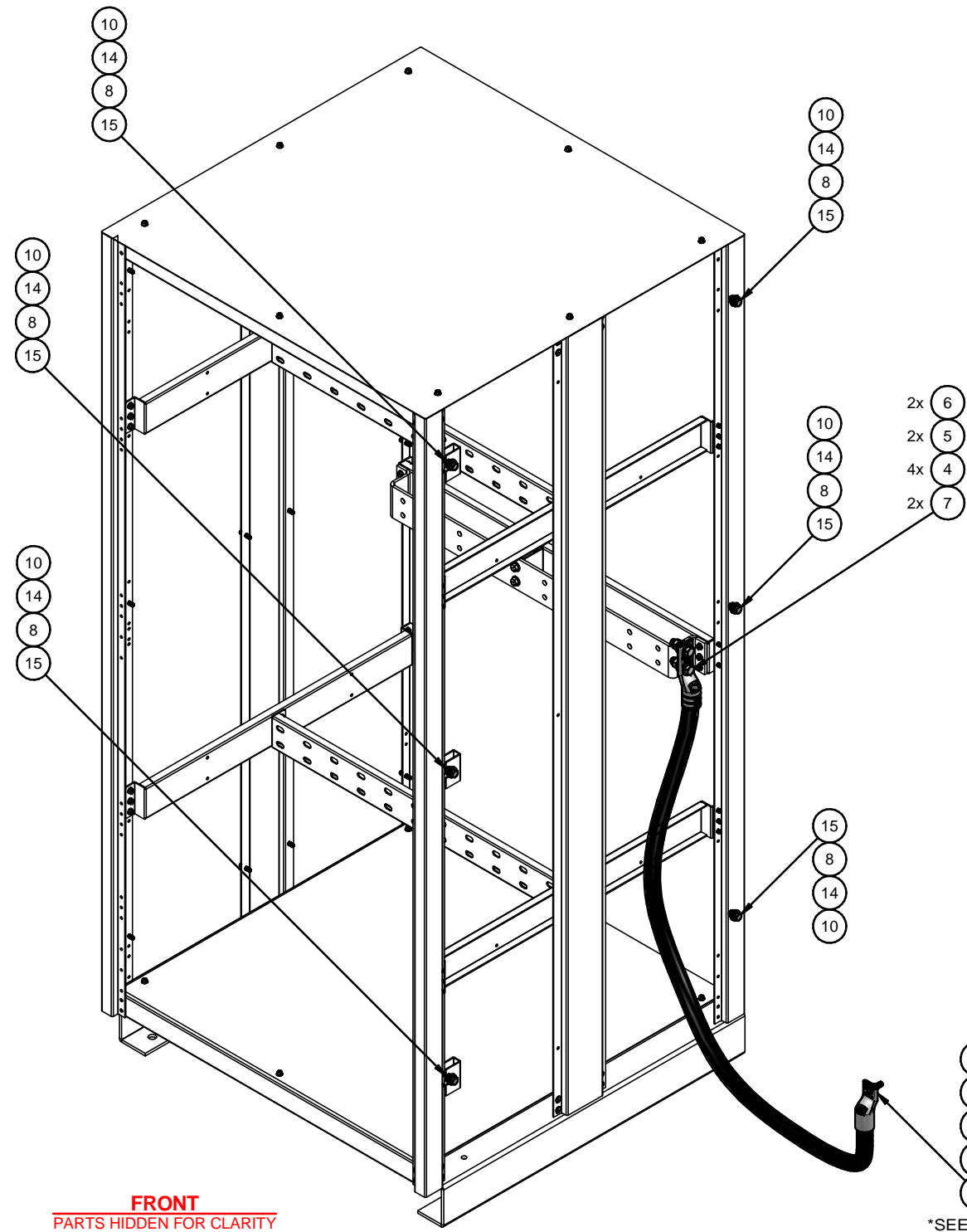
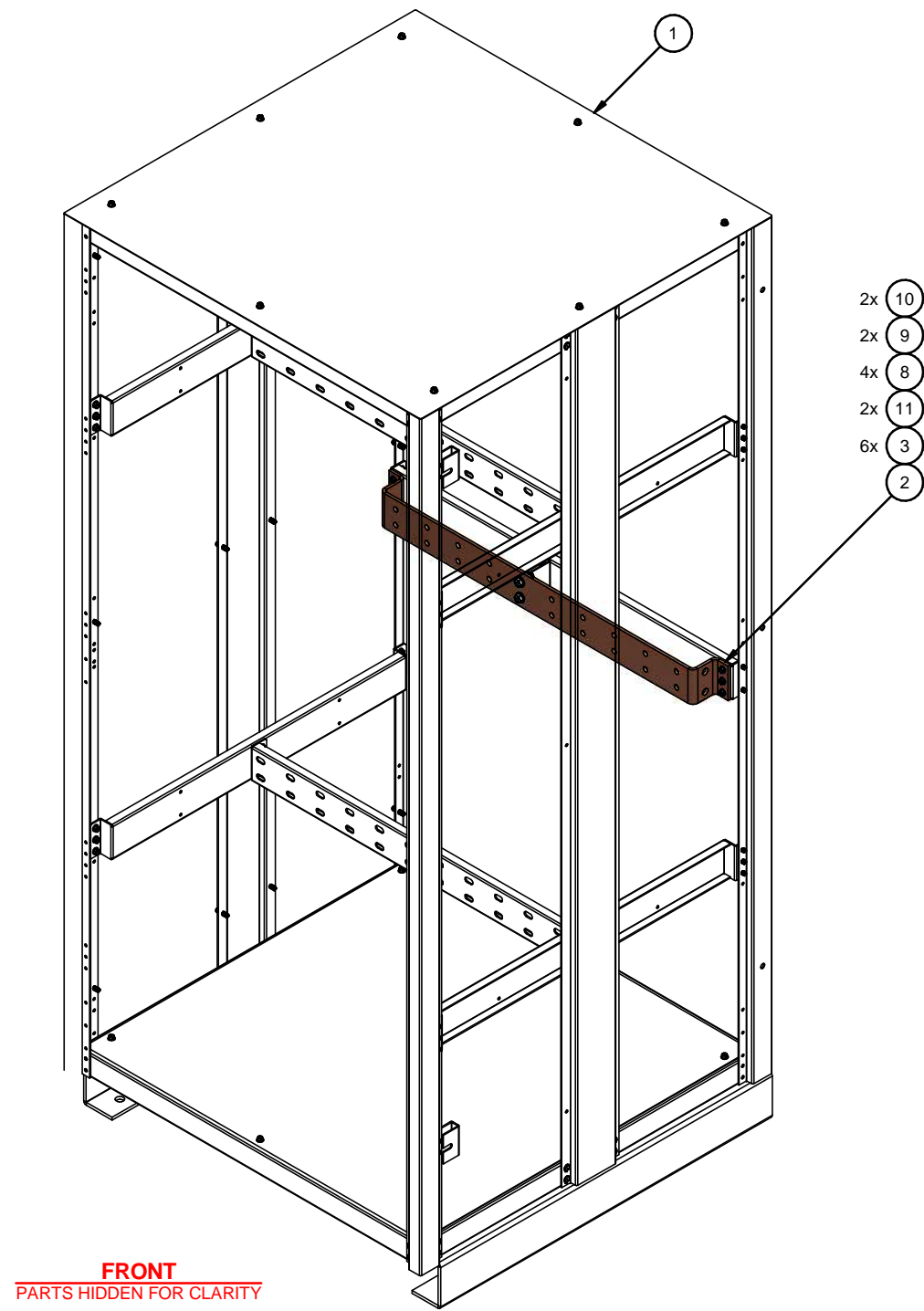
Bolt Size (in.)	Wrench Size	Coarse Threads / inch	Copper to Copper Connections*	Steel to Steel Connections**
			lb-ft.	lb-ft.
1/4	7/16	20	7	10
5/16	1/2	18	15	19
3/8	9/16	16	20	33
1/2	3/4	13	40	78
5/8	15/16	11	55	154
3/4	1 1/8	10	87	257

- NOTES:
1. REFERENCE PUG01 SUPPLIER QUALITY MANUAL, PRIOR TO CONSTRUCTION.
 2. REFERENCE U-ENS00052 MEPPI SPECIFICATION MATRIX, PRIOR TO CONSTRUCTION.
 3. ASSEMBLER SHALL REVIEW ALL DRAWINGS AND NOTES AND RESOLVE ANY CONFLICTING INFORMATION, PRIOR TO CONSTRUCTION.
 4. REFER TO ALL COMPONENT PARTS INSTALLATION INSTRUCTIONS AND TORQUE GUIDELINES UNLESS OTHERWISE NOTED ON DRAWING.
 5. FOR ALL NON-COMPONENT PARTS, REFERENCE U-ENS00054 FOR TORQUE SPECIFICATIONS.
 6. ANY SHIPMENT OF CABINETS OR COMPONENTS IS SUBJECT TO UGS1001.00 (INTERNAL MEPPI USE) OR UGS1001.01 (EXTERNAL SUPPLIER USE).
 7. IT IS THE RESPONSIBILITY OF THE CONSTRUCTING PARTY TO SEEK OUT ANY MISSING SPECIFICATION LISTED ABOVE AND TO ENSURE THE MOST RECENT REVISION IS IN USE, PRIOR TO CONSTRUCTION.
 8. USE GRADE 5 HARDWARE.

SIDE CAR ASSEMBLY

DIMENSIONS IN: IN [MM] (REF)	SCALE - NTS -	DRAFTER M.MARTORELL	DATE 11/09/17	<p>MITSUBISHI ELECTRIC</p>
<p>PROPRIETARY This document is the property of Mitsubishi Electric Power Products, Inc. and contains proprietary and confidential information which must not be duplicated, used or disclosed other than as expressly authorized by Mitsubishi Electric Power Products, Inc.</p>		APPROVED N.RIEMER	DATE 11/09/17	
CORE/REFERENCE DRAWING (IF APPLICABLE)				TITLE 9900CX UPS SIDE CAR ASSEMBLY
DWG. NO. UD-100700		SHEET 1 OF 2		REV. 1

REVISIONS
0. RELEASED FOR CONSTRUCTION
M.MARTORELL
11/09/2017
1. UPDATED AND REVISED FRAME FOR HOLE SIZES AND NEW CABLE AND NEW CABLE REFERENCE
ECN# 1363
J.PRY-SOCK
6/24/2019



NOTES:
1. GROUND CABLE LOOSE END TO BE BUNDLED AND SECURED WITH HARDWARE FASTENED TO LUG

BUSS AND CABLE INSTALLATION

REVISIONS	DESCRIPTION	DATE
0	RELEASED FOR CONSTRUCTION	11/09/2017
1	UPDATED AND REVISED FRAME FOR HOLE SIZES AND NEW CABLE REFERENCE	6/24/2019

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	APPROVED N.RIEMER		DATE 11/09/17	
CORE/REFERENCE DRAWING (IF APPLICABLE)		DWG. NO. UD-100700		SHEET 2 OF 2 REV. 1

	MITSUBISHI ELECTRIC
	TITLE 9900CX UPS SIDE CAR ASSEMBLY