

NOTES:

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2. PLEASE REFER TO INSTALLATION GUIDE FOR FURTHER INFORMATION.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].

4.

NET WEIGHTS	WITH POWER MODULES		WITHOUT POWER MODULES	
	LBS	KG	LBS	KG
INVERTER SECTIONS	5358	2430	4068	1845
CONTROL SECTION	3197	1450	3197	1450
INPUT/OUTPUT CABINET	5358	2430	4068	1845
TOTAL NET WEIGHT	13914	6310	11334	5140

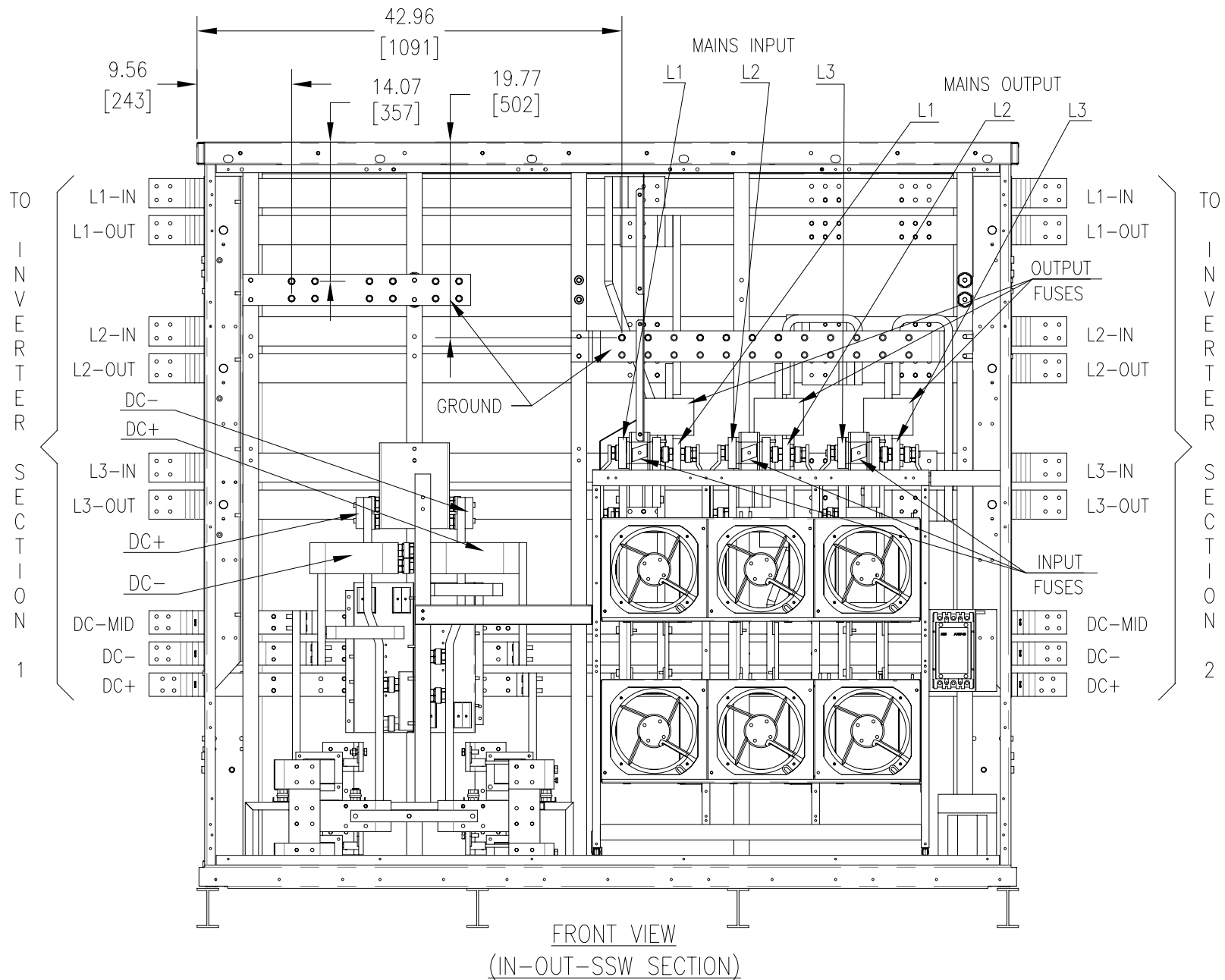
5. ALL DATA IN THIS DRAWING IS FOR A FULLY POPULATED UNIT.
6. CABLE ENTRY IS TOP OF UNIT ONLY.
7. FRONT SERVICE ACCESS.

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TITLE: SYMMETRA MW UPS
 480VAC, 3φ, DUAL/SINGLE MAINS
 480VAC, 3φ, 1200KW
 MECHANICAL LAYOUTS
 GENERAL MECHANICAL LAYOUT
 PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 8

DWG NO:	SYMF1200KG-MM1	REV.	4
DRAWN BY:	M CRAVEN	21-JUN-10	THIRD
ENGINEER:	J RING	21-JUN-10	ANGLE
APPROVED BY:	B SHERIDAN/F DIOSA	21-JUN-10	PROJ



NOTES:

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TITLE: SYMMETRA MW UPS
 480VAC, 3 ϕ , DUAL/SINGLE MAINS
 480VAC, 3 ϕ , 1200kW
 MECHANICAL LAYOUTS
 IN/OUT & SSW SECTION-FRONT

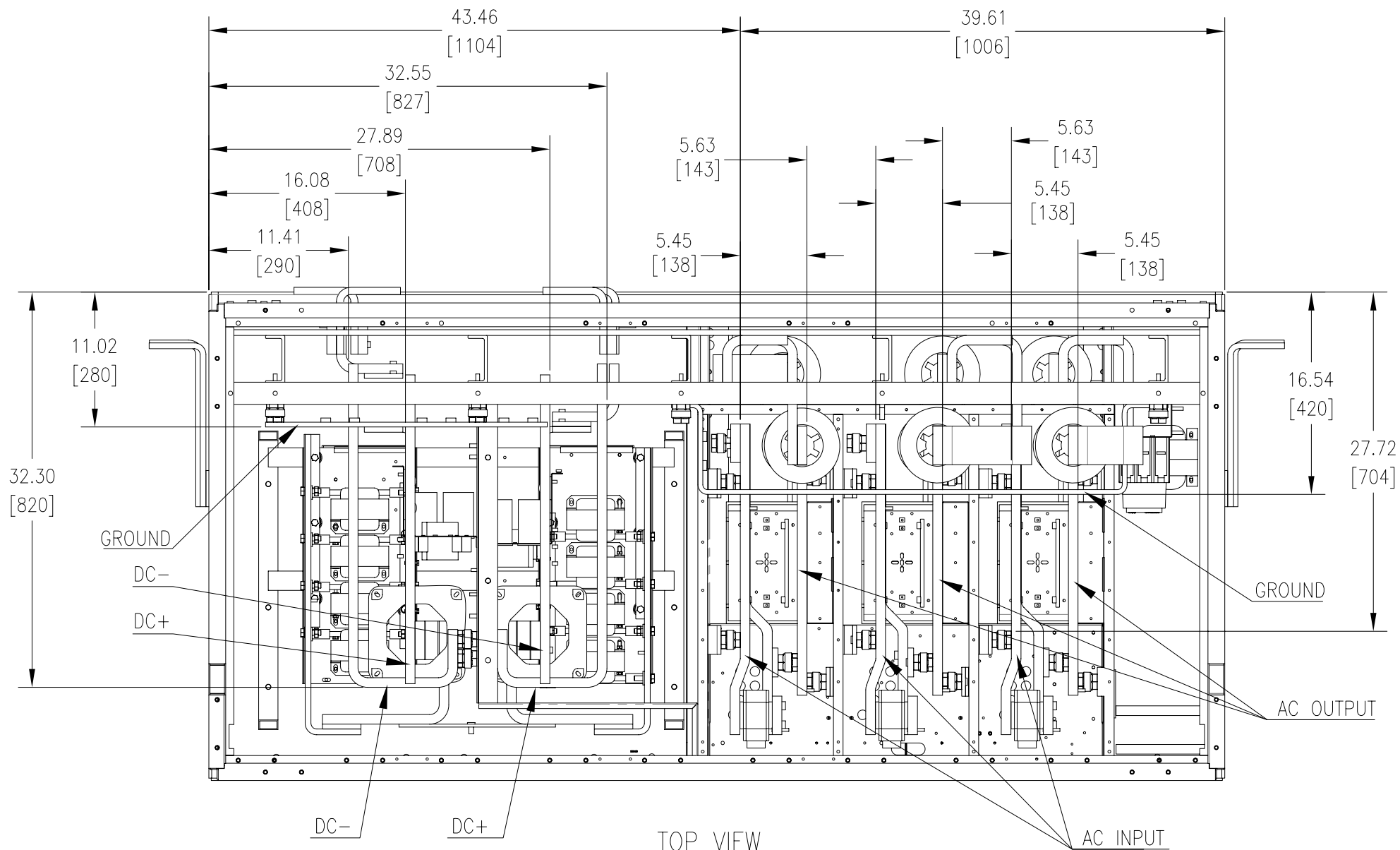
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 8

DWG NO: SYMF1200KG-ME1 REV. 3

DRAWN BY: M CRAVEN 21-JUN-10 THIRD

ENGINEER: J RING 21-JUN-10 ANGLE

APPROVED BY: B SHERIDAN/F DIOSA 21-JUN-10 PROJ



TOP VIEW
(IN-OUT-SSW SECTION)

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TITLE: SYMMETRA MW UPS
480VAC, 3 ϕ , DUAL/SINGLE MAINS
480VAC, 3 ϕ , 1200KW
MECHANICAL LAYOUTS
IN/OUT & SSW SECTION-TOP

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 8

DWG NO: SYMF1200KG-ME2

DRAWN BY: C KRISHNA 11-FEB-11

ENGINEER: J RING 11-FEB-11

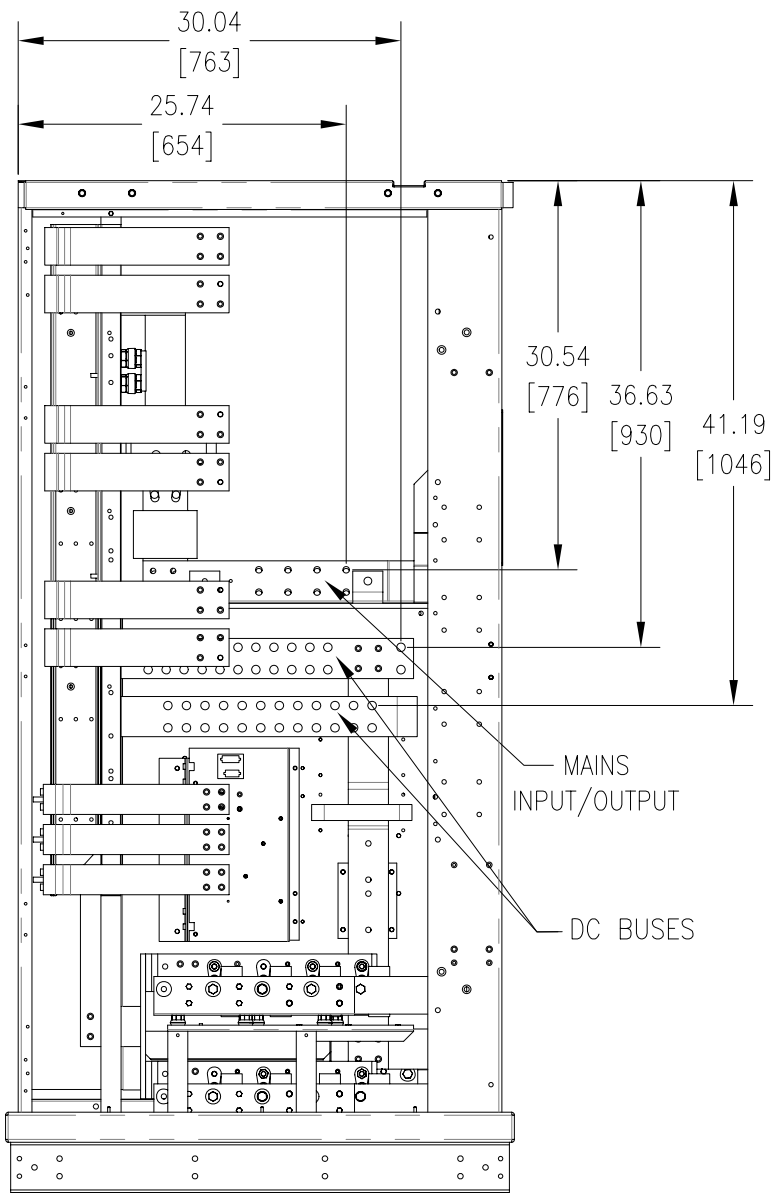
APPROVED BY: B SHERIDAN/F DIOSA 11-FEB-11

REV. 3

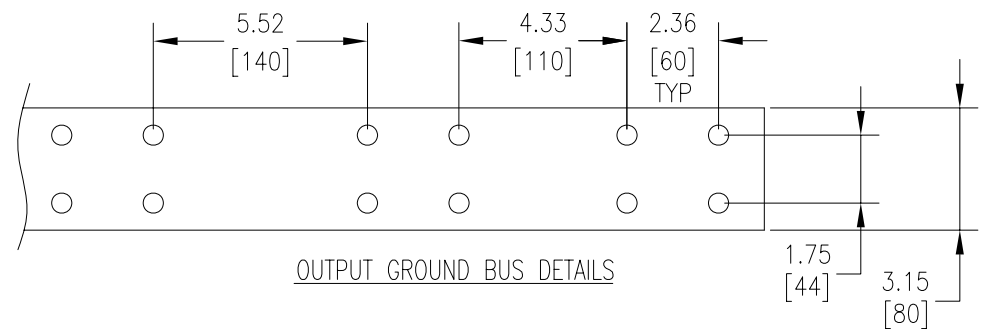
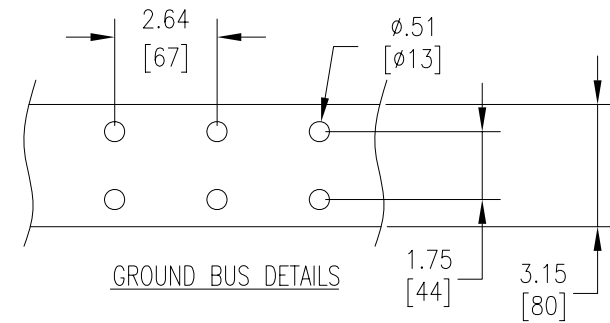
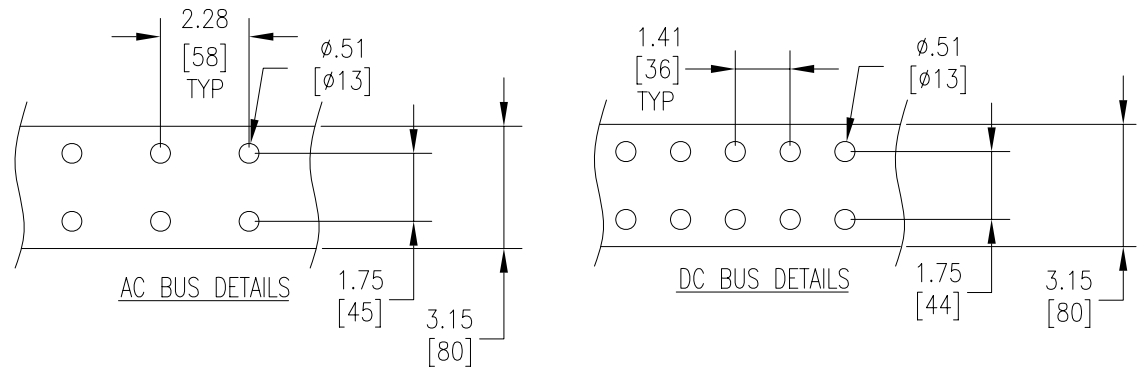
THIRD

ANGLE

PROJ



LEFT SIDE VIEW
(IN-OUT-SSW SECTION)



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TITLE: SYMMETRA MW UPS
480VAC, 3 ϕ , DUAL/SINGLE MAINS
480VAC, 3 ϕ , 1200KW
MECHANICAL LAYOUTS
IN/OUT & SSW SECTION-SIDE

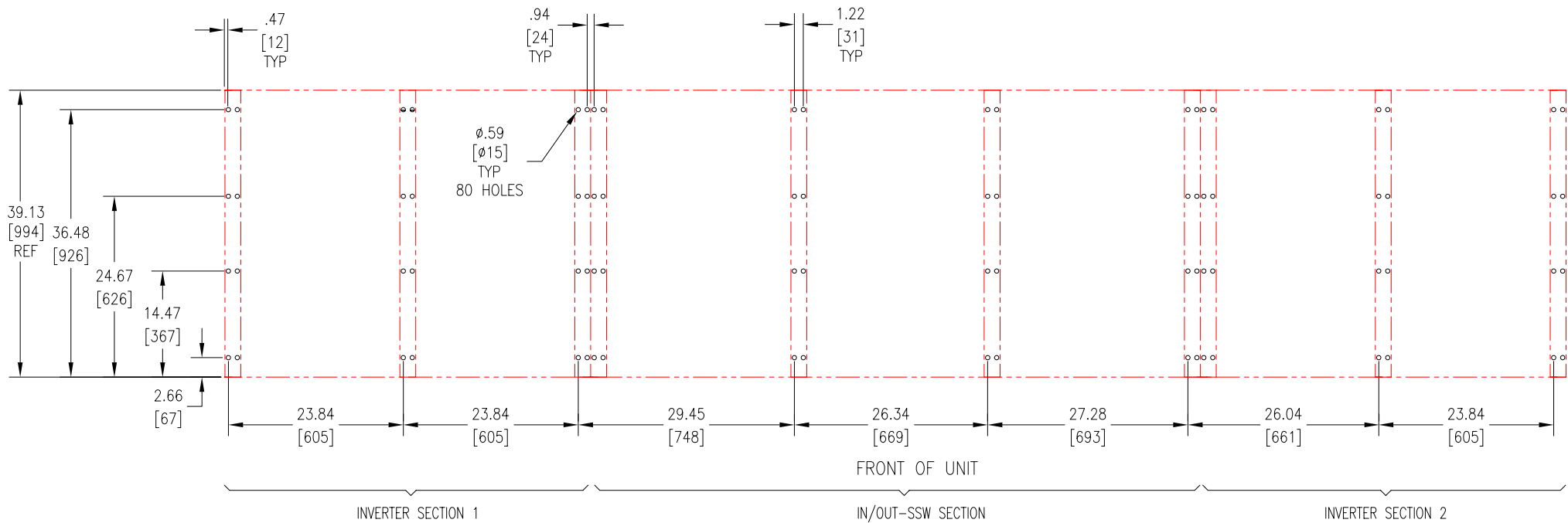
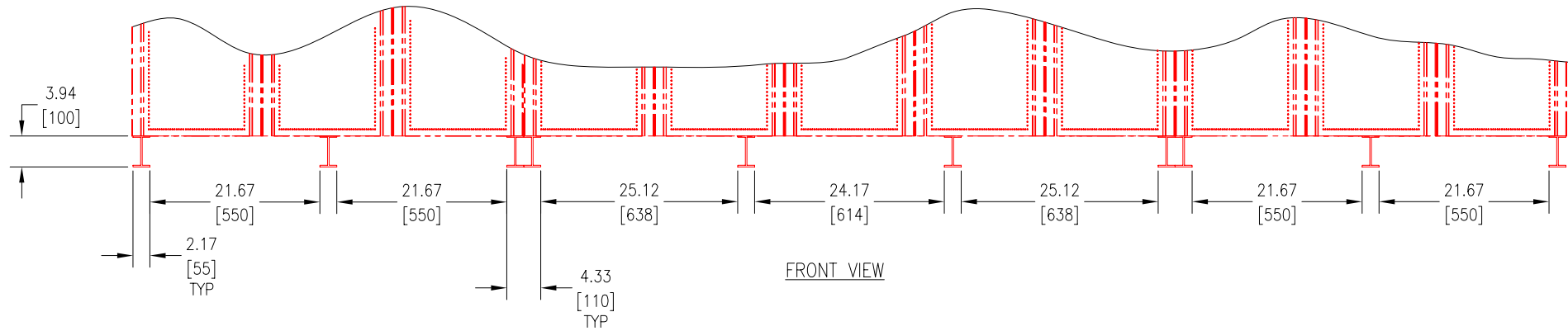
PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 8

DWG NO: SYMF1200KG-ME3 REV. 3

DRAWN BY: M CRAVEN 21-JUN-10 THIRD

ENGINEER: J RING 21-JUN-10 ANGLE

APPROVED BY: B SHERIDAN/F DIOSA 21-JUN-10 PROJ



NOTES:

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TITLE: SYMMETRA MW UPS
 480VAC, 3 ϕ , DUAL/SINGLE MAINS
 480VAC, 3 ϕ , 1200KW
 MECHANICAL LAYOUTS
 FLOOR ANCHORING DETAILS

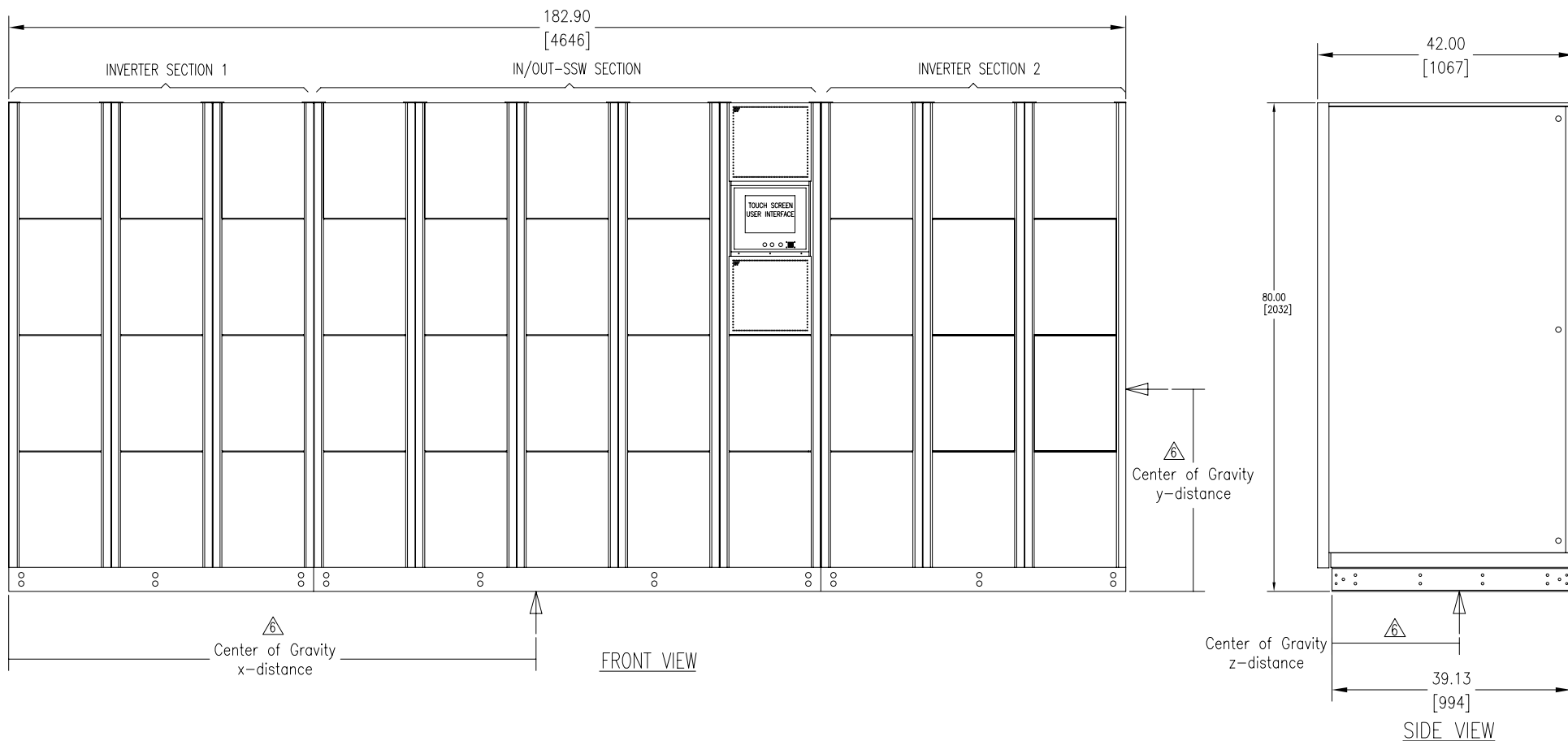
PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 8

DWG NO: SYMF1200KG-MM2 REV. 4

DRAWN BY: M CRAVEN 21-JUN-10 THIRD

ENGINEER: J RING 21-JUN-10 ANGLE

APPROVED BY: B SHERIDAN/F DIOSA 21-JUN-10 PROJ



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△ 6.

CENTER OF GRAVITY	WITH POWER MODULES		WITHOUT POWER MODULES	
	INCHES	MILLIMETERS	INCHES	MILLIMETERS
"X" DISTANCE	76.97	1955	78.11	1984
"Y" DISTANCE	30.35	771	25.91	558
"Z" DISTANCE	21.14	537	22.090	561

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TITLE: SYMMETRA MW UPS
 480VAC, 3φ, DUAL/SINGLE MAINS
 480VAC, 3φ, 1200KW
 MECHANICAL LAYOUTS
 CENTER OF GRAVITY - UPS ASS'Y

DWG NO: SYMF1200KG-CG1 REV. 4

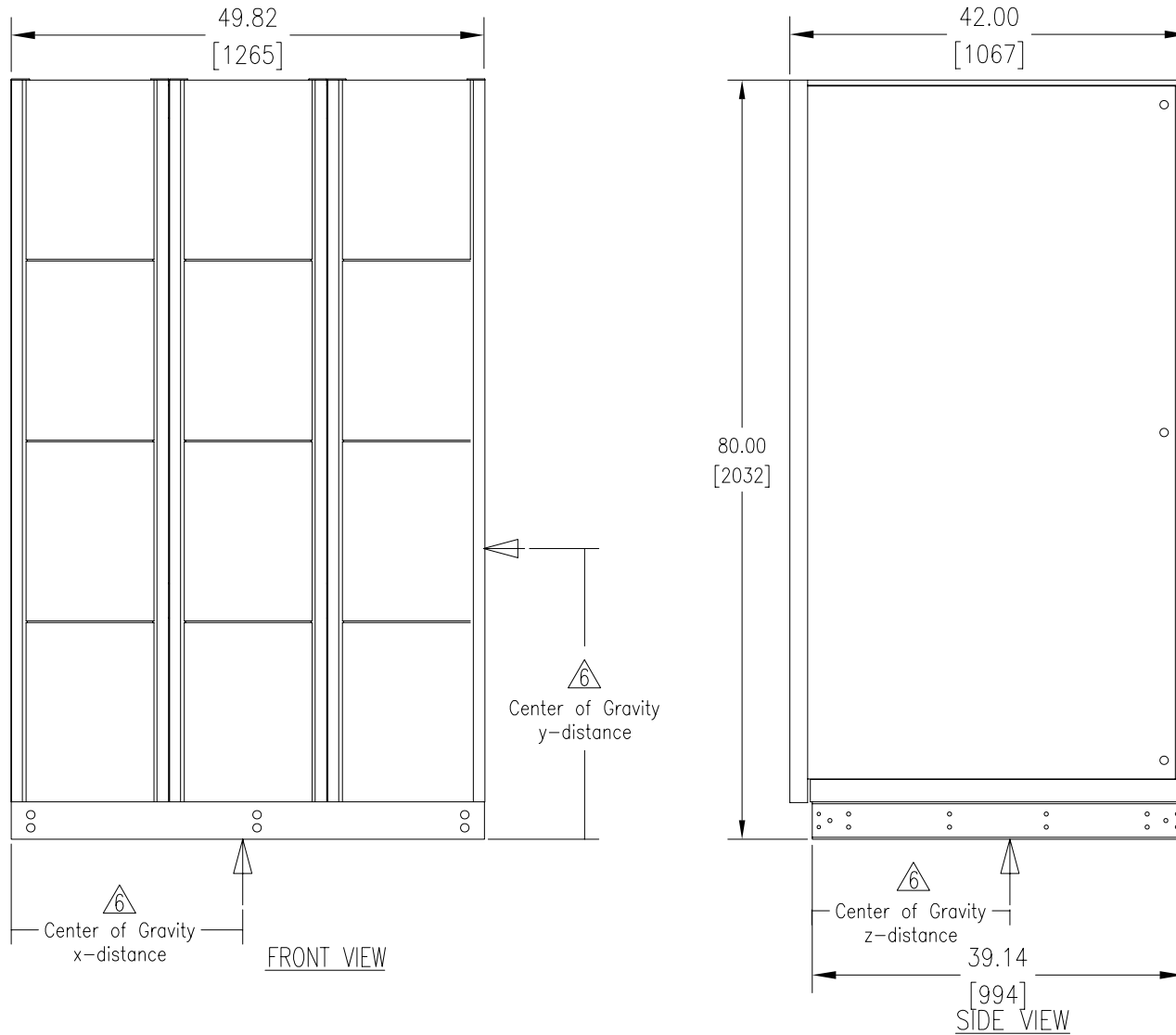
DRAWN BY: M CRAVEN 21-JUN-10 THIRD

ENGINEER: J RING 21-JUN-10 ANGLE

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 8 APPROVED BY: B SHERIDAN/F DIOSA 21-JUN-10 PROJ

CENTER OF GRAVITY FOR INVERTER SECTION

INVERTER SECTION-(TYP)



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CENTER OF GRAVITY	WITH POWER MODULES		WITHOUT POWER MODULES	
	INCHES	MILLIMETERS	INCHES	MILLIMETERS
"X" DISTANCE	24.37	619	24.65	626
"Y" DISTANCE	3059	777	24.45	621
"Z" DISTANCE	20.86	530	22.130	562

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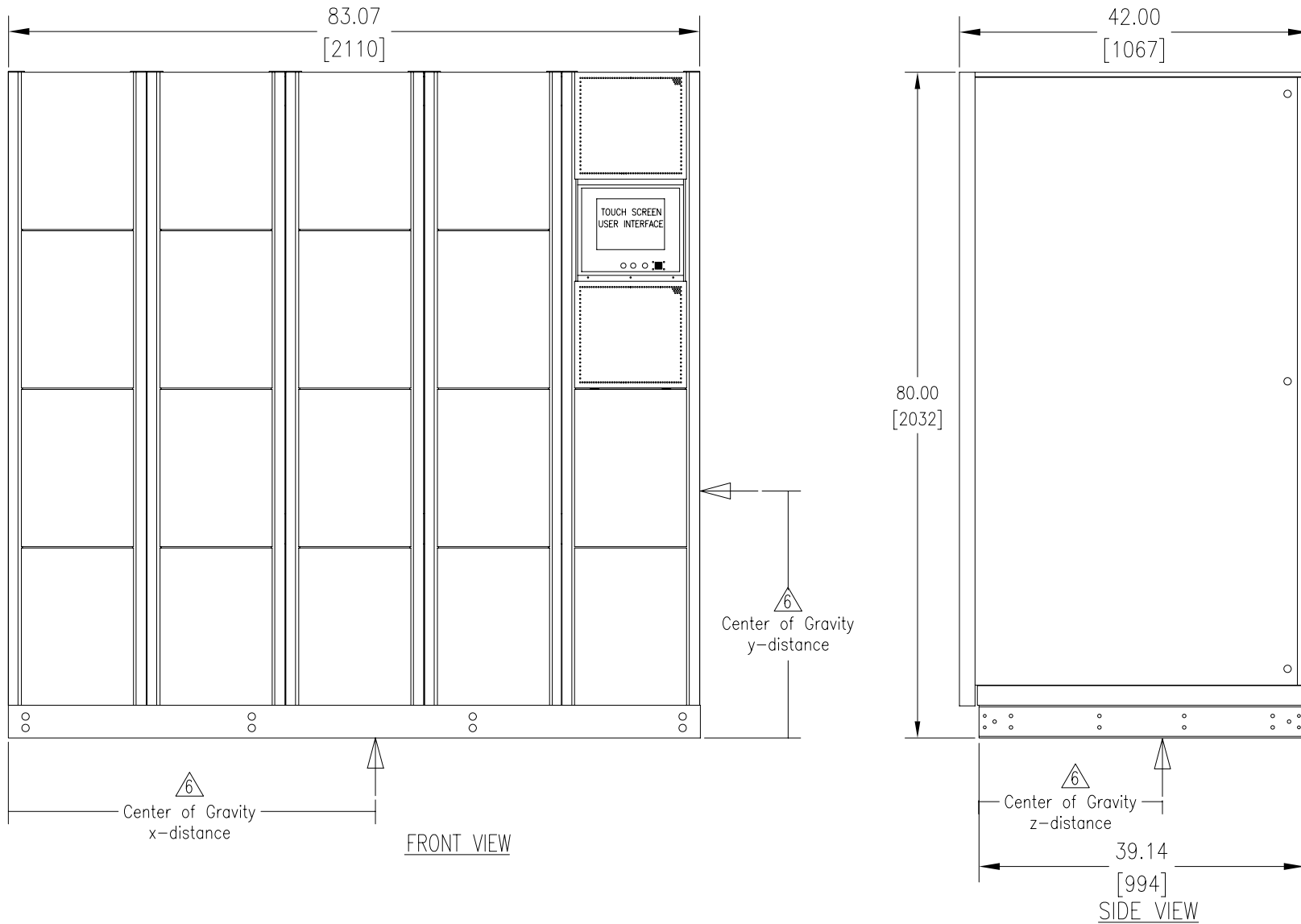


TITLE: SYMMETRA MW UPS
 480VAC, 3 ϕ , DUAL/SINGLE MAINS
 480VAC, 3 ϕ , 1200KW
 MECHANICAL LAYOUTS
 CENTER OF GRAVITY - INVERTER SECTION
 PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 8

DWG NO: SYMF1200KG-CG2
 DRAWN BY: M CRAVEN
 ENGINEER: J RING
 APPROVED BY: B SHERIDAN/F DIOSA

REV. 4
 THIRD ANGLE PROJ

CENTER OF GRAVITY FOR IN/OUT-SSW SECTION



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△ 6. CENTER OF GRAVITY	INCHES	MILLIMETERS
"X" DISTANCE	44.13	1121
"Y" DISTANCE	29.68	754
"Z" DISTANCE	22.09	561

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480VAC, 3φ, DUAL/SINGLE MAINS
480VAC, 3φ, 1200KW
MECHANICAL LAYOUTS
CENTER OF GRAVITY-IN/OUT SECTION

DWG NO: SYMF1200KG-CG3 REV. 4

DRAWN BY: M CRAVEN	21-JUN-10	THIRD
ENGINEER: J RING	21-JUN-10	ANGLE
APPROVED BY: B SHERIDAN/F DIOSA	21-JUN-10	PROJ

PROJECT: SUBMITTAL DRAWINGS SHEET 8 OF 8