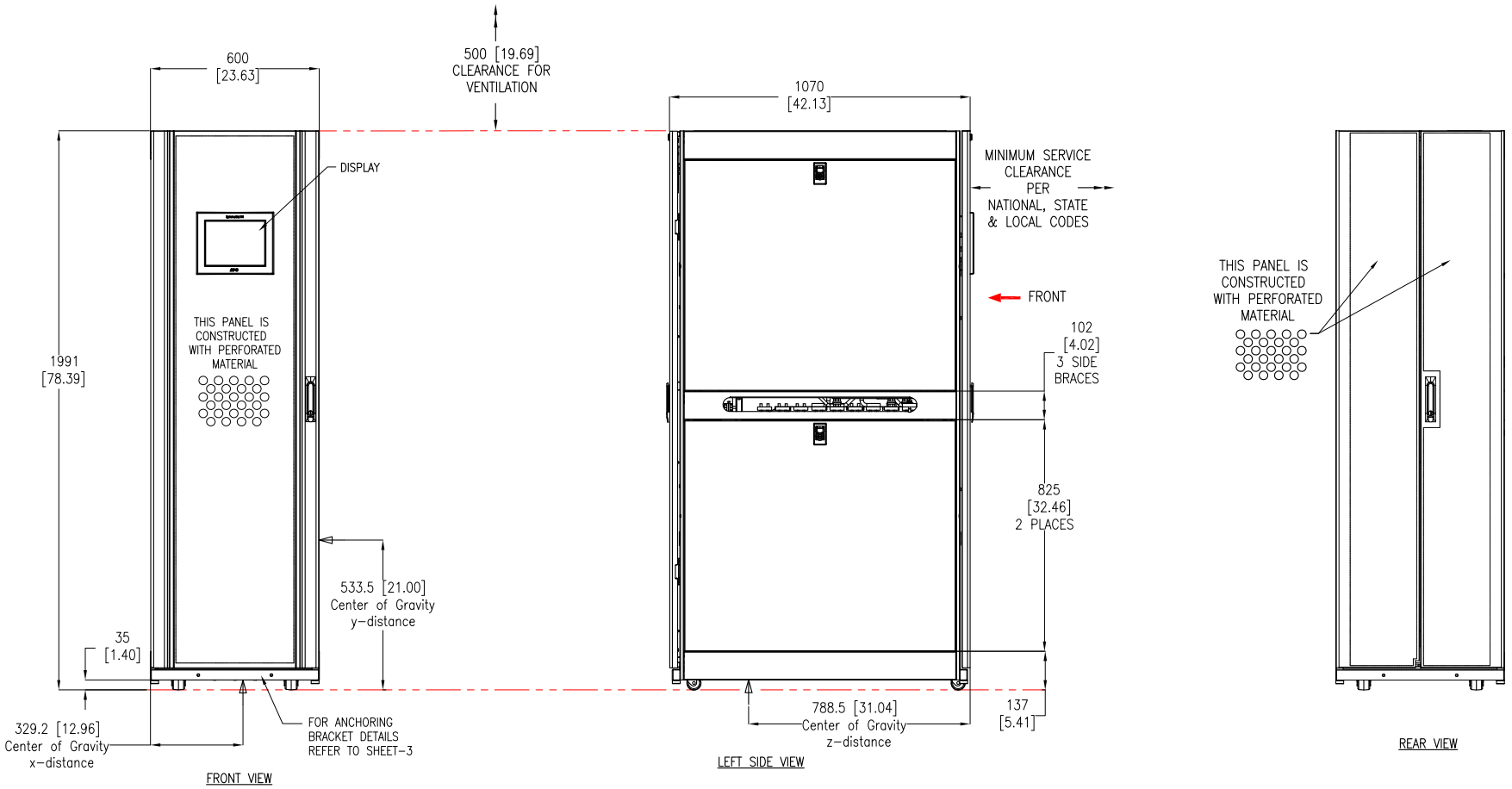
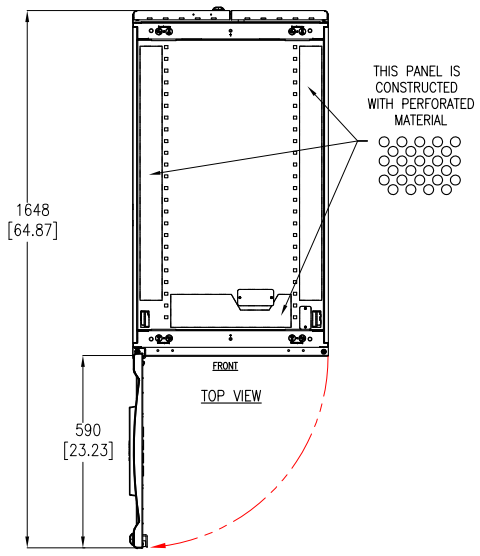




NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES], UNLESS OTHERWISE SPECIFIED.
4. CABLE ENTRY TOP OR BOTTOM.
   BOTTOM CABLE ENTRY THROUGH BOTTOM FEED FRAME ONLY.
   SIDE CABLE CONNECTIONS ARE FOR INTERNAL CABLING FROM/TO MBwD ONLY.
5. FRONT SERVICE ACCESS
6. NET WEIGHT OF FRAME WITHOUT STATIC SWITCH – 332kg [730 LBS].
   NET WEIGHT OF 250kW STATIC SWITCH – 79 kg [174 LBS].
   NET WEIGHT OF 500kW STATIC SWITCH – 108 kg [238 LBS].
   STATIC SWITCH CONSIDERED AS A SEPARATE ITEM.
   FRAME SHIPPED WITHOUT STATIC SWITCH

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

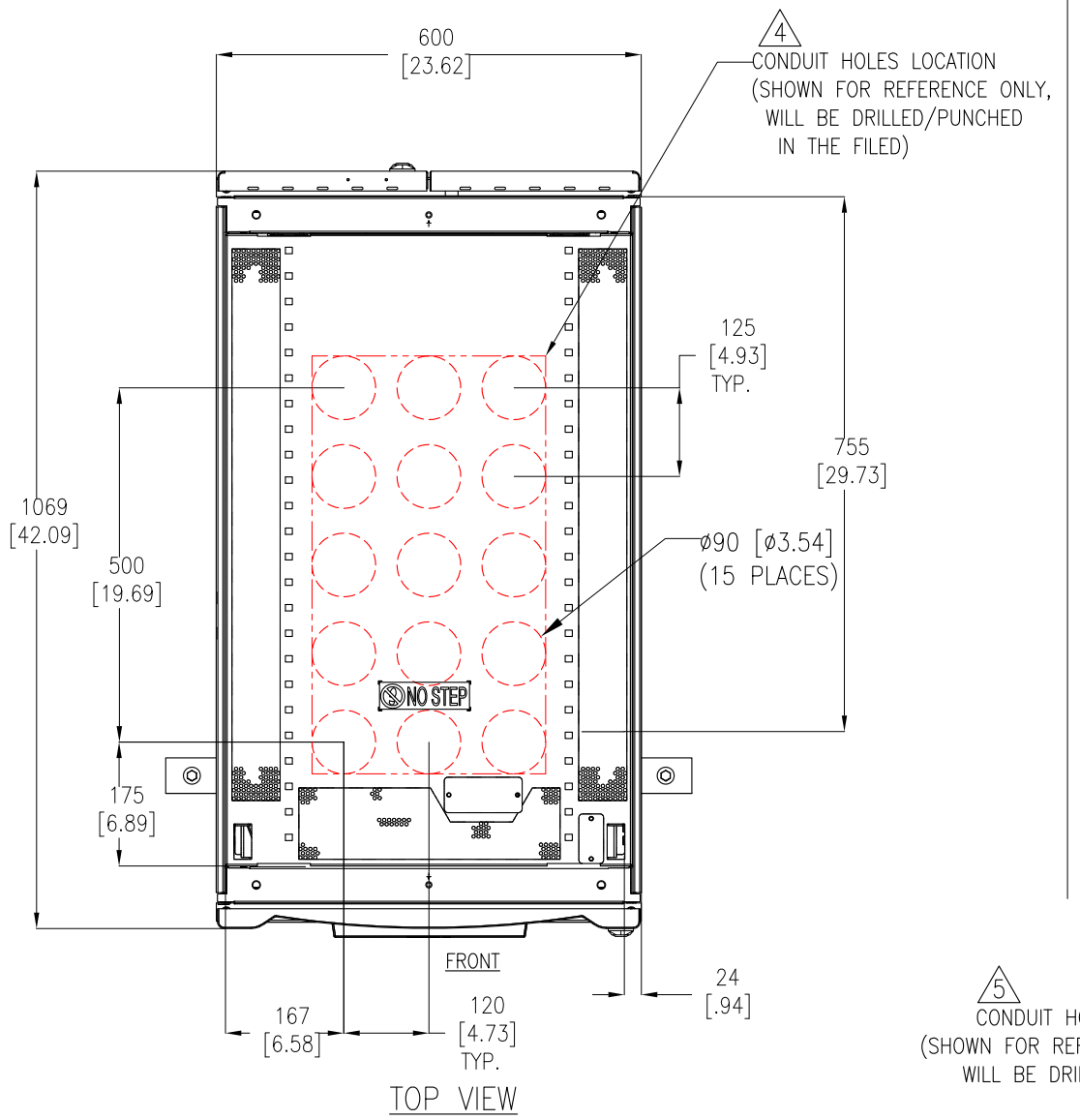
Schneider Electric

TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
MAIN MECHANICAL

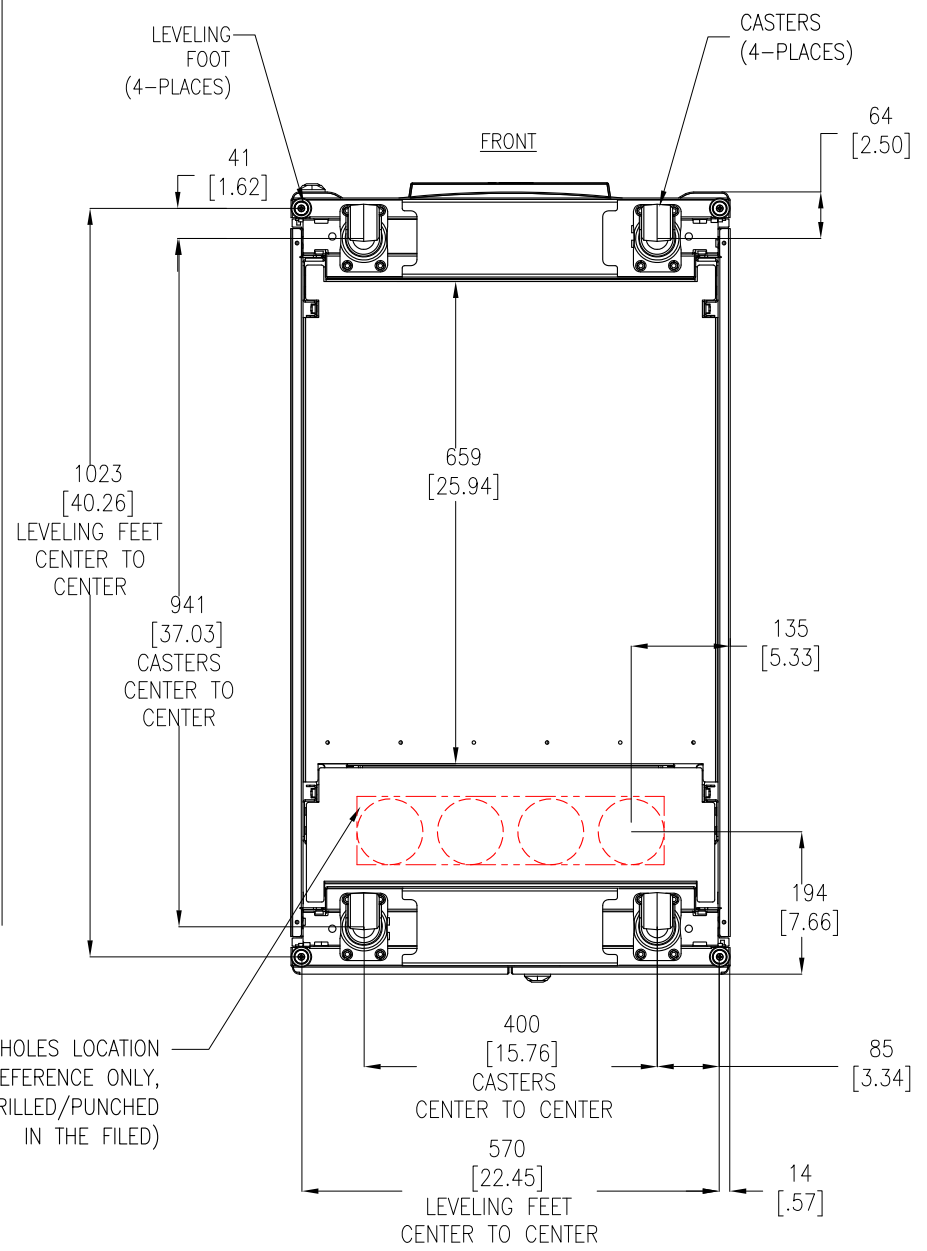
PROJECT: SUBMITTAL DRAWING | SHEET 1 OF 9

DWG NO: SYIOF500KD | REV. 3

DRAWN:	BALAMURUGAN	25-FEB-15	FIRST
ENGINEER:	H NICOLAISEN/T MULLER	25-FEB-15	ANGLE
APPROVED:	B S/F D/S W	25-FEB-15	PROJ



TOP VIEW



BOTTOM VIEW

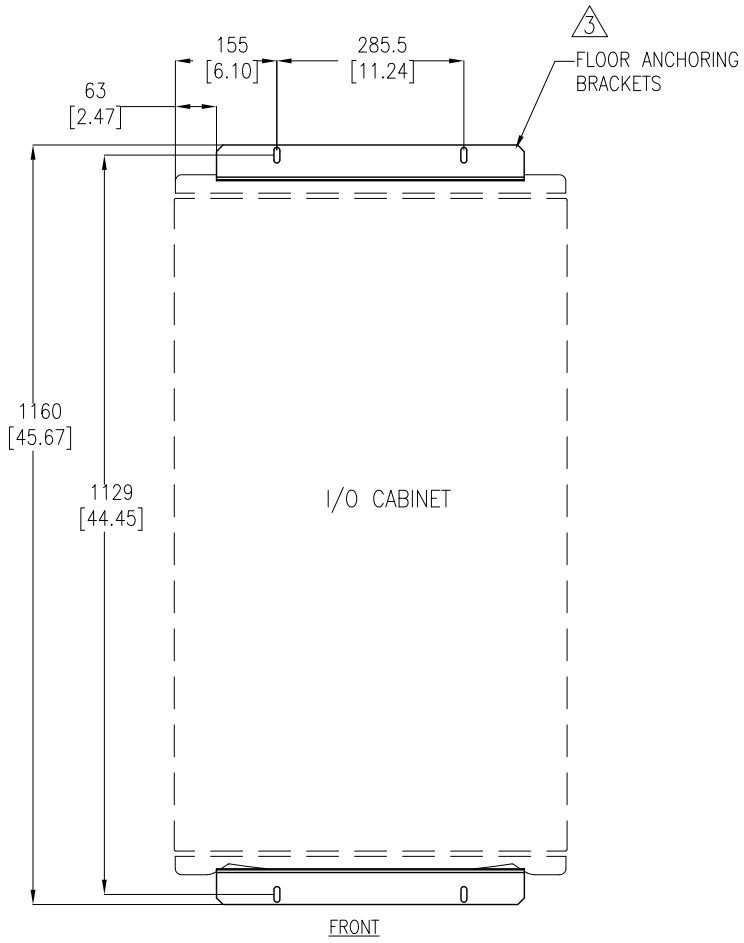
NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
△4. PUNCHING/DRILLING FOR CONDUIT HOLES SHOULD BE DONE FOR SYSTEMS WITH TOP CABLE ENTRY.
△5. PUNCHING/DRILLING FOR CONDUIT HOLES SHOULD BE DONE FOR SYSTEMS WITH BOTTOM CABLE ENTRY ONLY TO RUN AC OUTPUT CABLES, MAINS AND BYPASS CABLES ROUTED THROUGH THE BOTTOM OF THE BOTTOM FEED ENCLOSURE.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider Electric

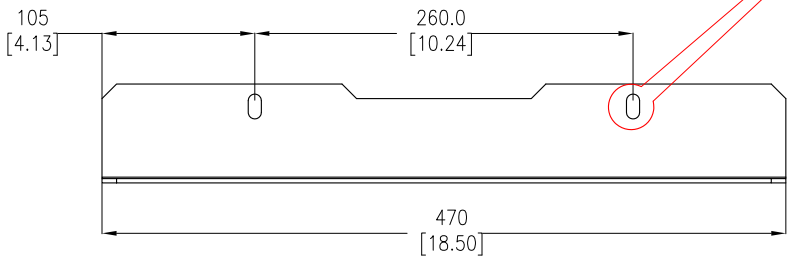
TITLE: InfraStruXure Symmetra PX 250/500kW Input Output Frame without MBP INPUT: 400/480V, 3ϕ, 50/60Hz OUTPUT: 400/480V, 3ϕ, 50/60Hz TOP & BOTTOM VIEW	DWG NO: SYIOF500KD		REV: 3
	DRAWN: JAYAPRAKASH/BALA	25-FEB-15	FIRST ANGLE PROJ
	ENGINEER: H NICOLAISEN/T MULLER	25-FEB-15	
PROJECT: SUBMITTAL DRAWING SHEET 2 OF 9	APPROVED: B S/F D/S W	25-FEB-15	



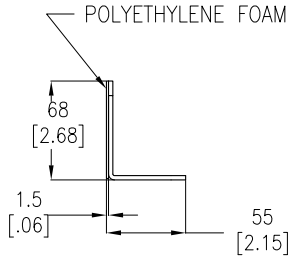
FOOT PRINT

FLOOR ANCHORING BRACKET DETAILS

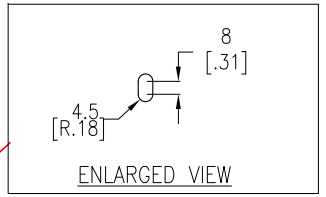
{Thickness–3.0mm [11Gauge]}



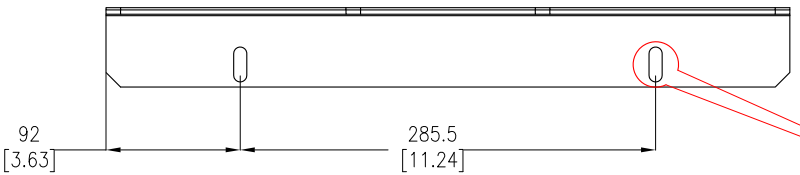
FRONT VIEW



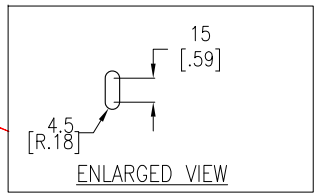
LEFT SIDE VIEW



ENLARGED VIEW



TOP VIEW



ENLARGED VIEW

NOTES:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
△3. FLOOR ANCHORING BRACKETS CAN BE USED TO ANCHOR ENCLOSURE. USE CODE COMPLIANT FASTENERS TO SECURE THE UNIT.
IF REAR BRACKET IS USED. 760mm [30"] REAR CLEARANCE IS REQUIRED FOR INSTALLATION.
4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].

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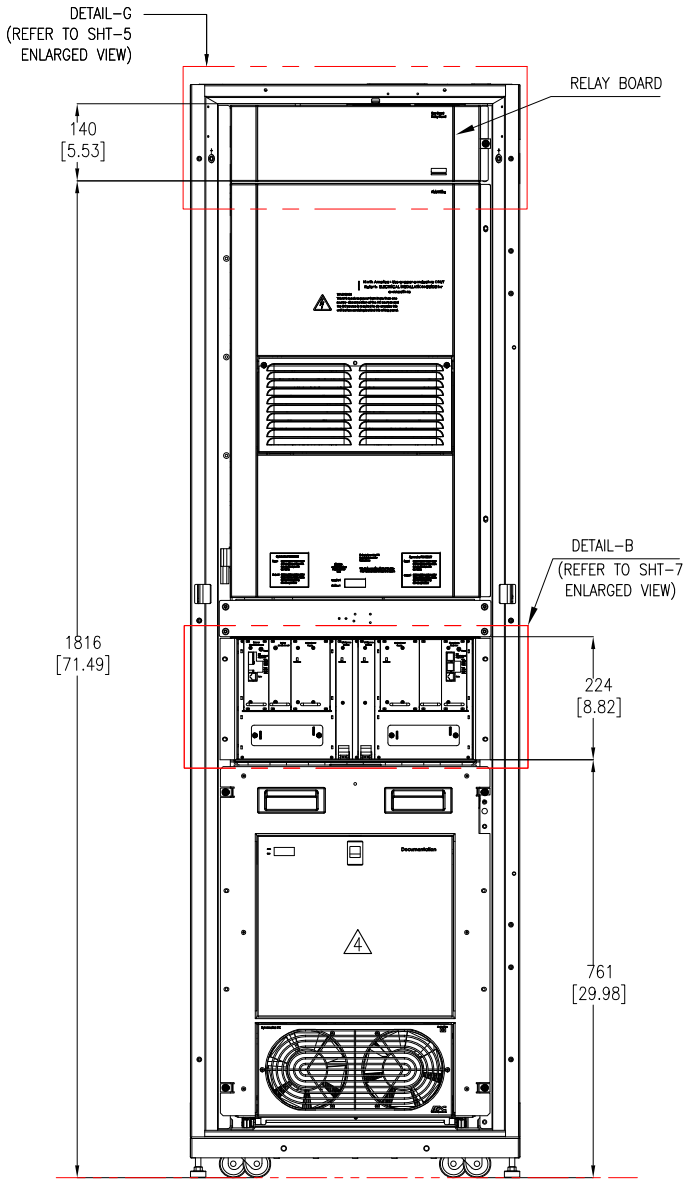
Schneider Electric

TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
ANCHORING DETAIL

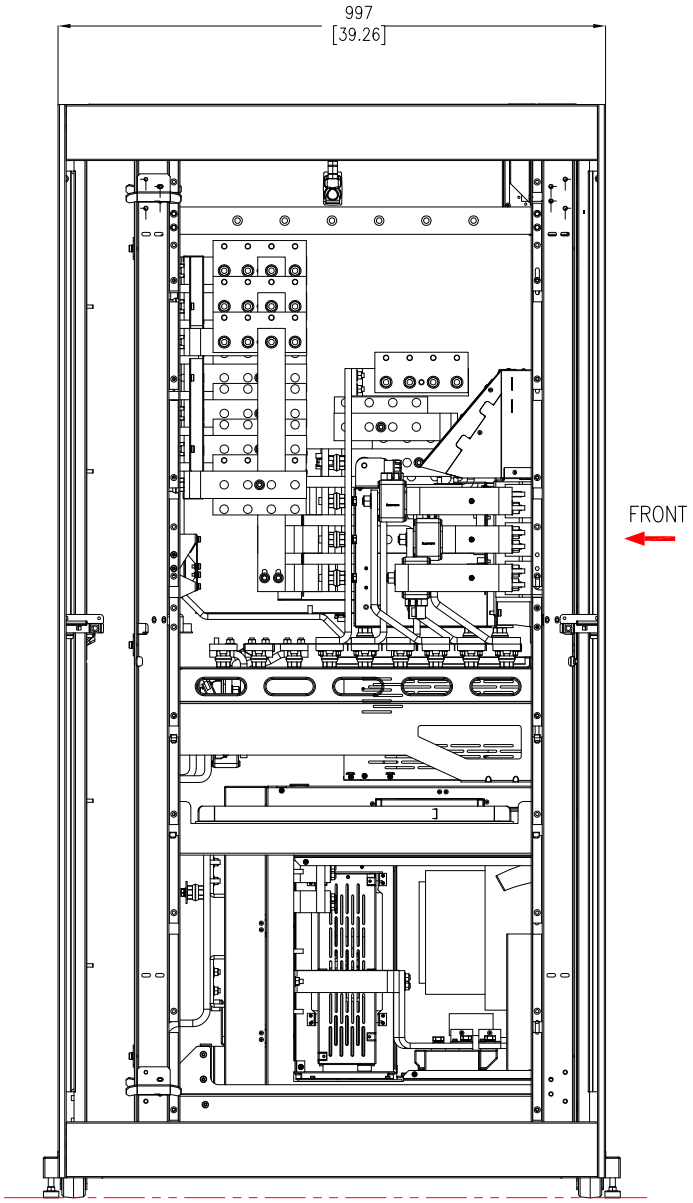
PROJECT: SUBMITTAL DRAWING | SHEET 3 OF 9

DWG NO: SYIOF500KD | REV: 1

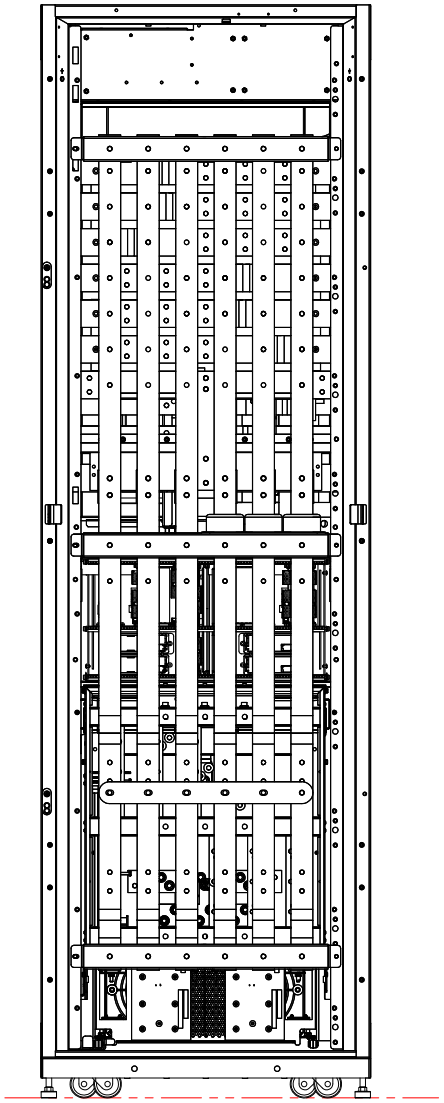
DRAWN:	JAYAPRAKASH	21-FEB-11	FIRST
ENGINEER:	M LEPARD	21-FEB-11	ANGLE
APPROVED:	B S/F D/S W	21-FEB-11	PROJ



FRONT VIEW
(Door Removed)



SIDE VIEW
(Side covers removed)



REAR VIEW
(Rear door removed)

NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES], UNLESS OTHERWISE SPECIFIED.
△4. SYSW250KD SKU IS FOR 250kW SOLUTION,
SYSW500KD SKU IS FOR 500kW SOLUTION.

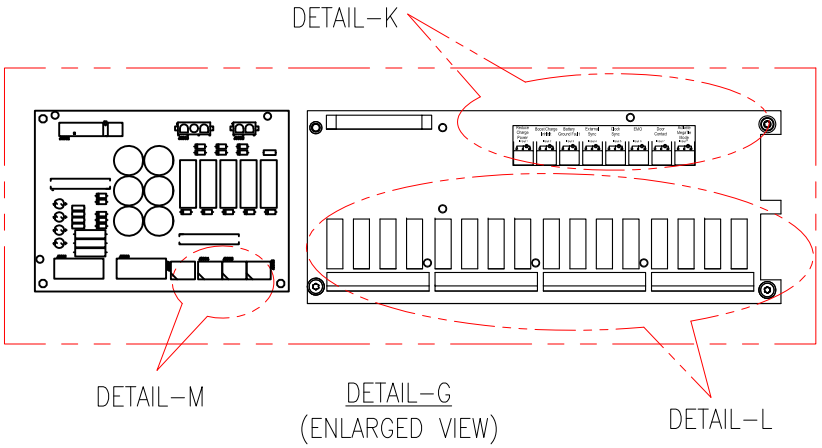
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Schneider Electric

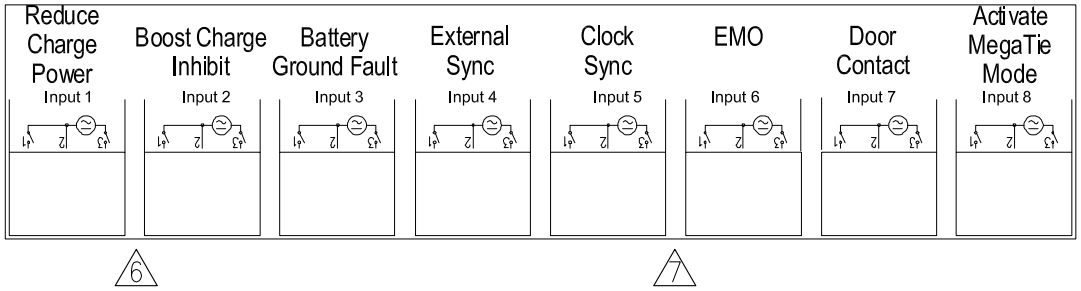
TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
INTERNAL VIEW

PROJECT: SUBMITTAL DRAWING | SHEET 4 OF 9

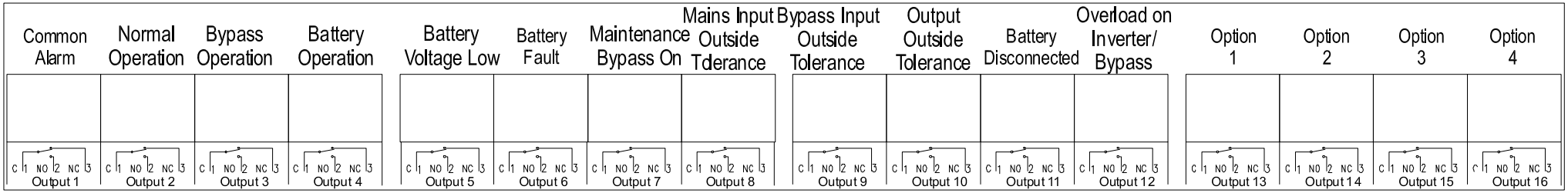
DWG NO:	SYIOF500KD	REV:	2
DRAWN:	C KRISHNA/BALA	25-FEB-15	FIRST
ENGINEER:	H NICOLAISEN/T MULLER	25-FEB-15	ANGLE
APPROVED:	B S/F D/S W	25-FEB-15	PROJ



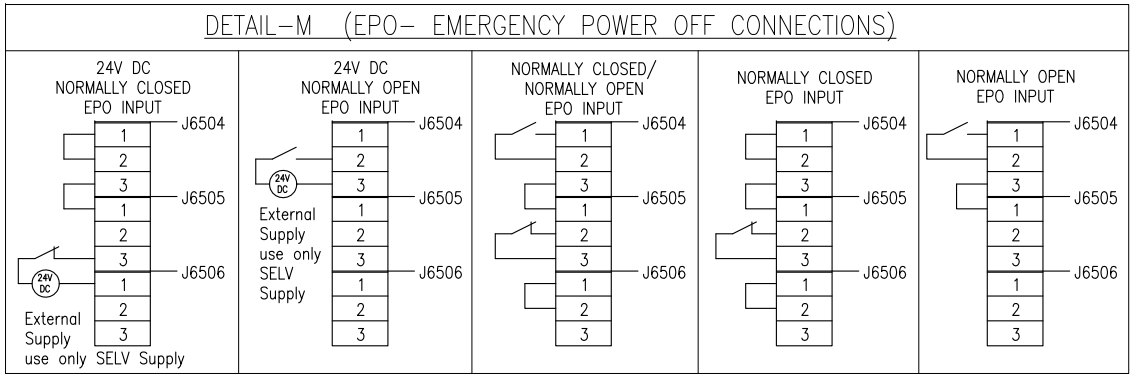
DETAIL–K (ENLARGED VIEW)



DETAIL–L (ENLARGED VIEW)



DETAIL–M (EPO– EMERGENCY POWER OFF CONNECTIONS)



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. OUTPUT RELAYS SPECIFICATION–MAXIMUM CURRENT ACCEPTED BY EACH OUTPUT RELAY IS 7.2A/250VAC.
4. INPUT RELAYS SPECIFICATION–MINIMUM 12VAC/DC, MAX. 28VAC/40VDC, ALL INPUTS MUST BE FROM THE SAME SOURCE.
5. ALL WIRING TO THE RELAY BOARD SHOULD BE CONSIDERED AS FIELD WIRING RATED MINIMUM 480V AC, AND MUST USE COPPER CONDUCTORS ONLY.
6. △ PLACE A JUMPER OR CONTROL SIGNAL BETWEEN PIN 1&2, IF EXTERNAL SYNCHRONIZATION FEATURE IS USED.
7. △ INPUTS 5 AND 6 ARE RESERVED FOR FUTURE USE.

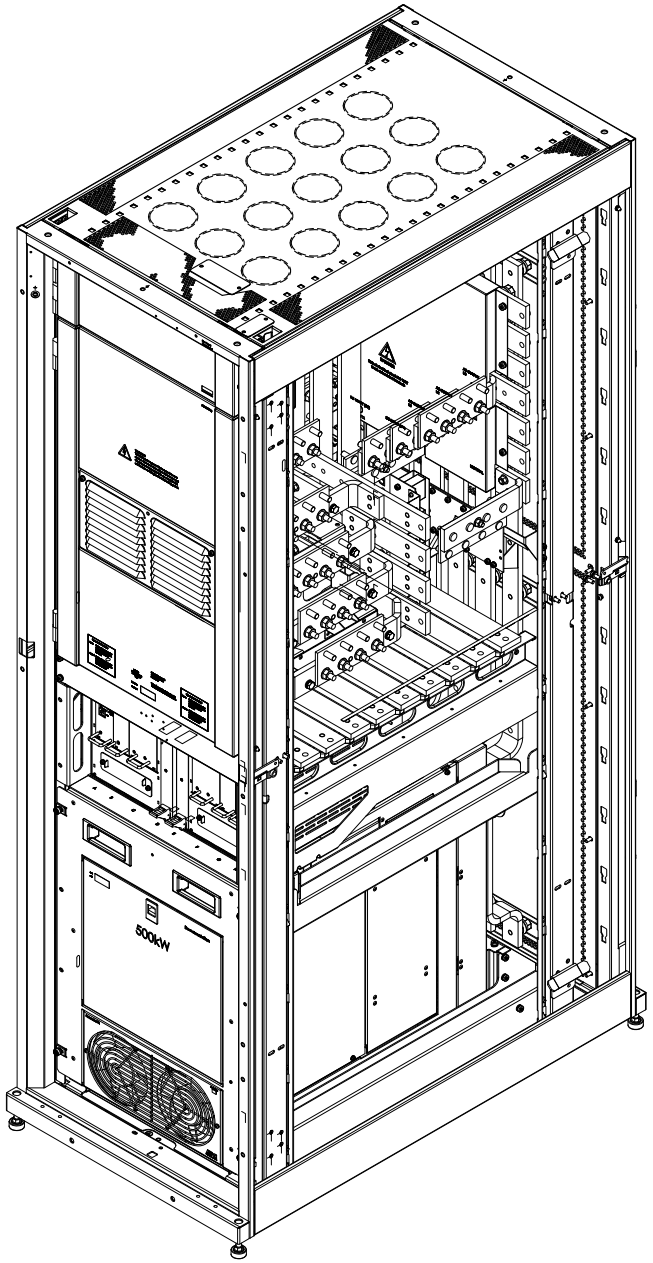
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

Schneider Electric

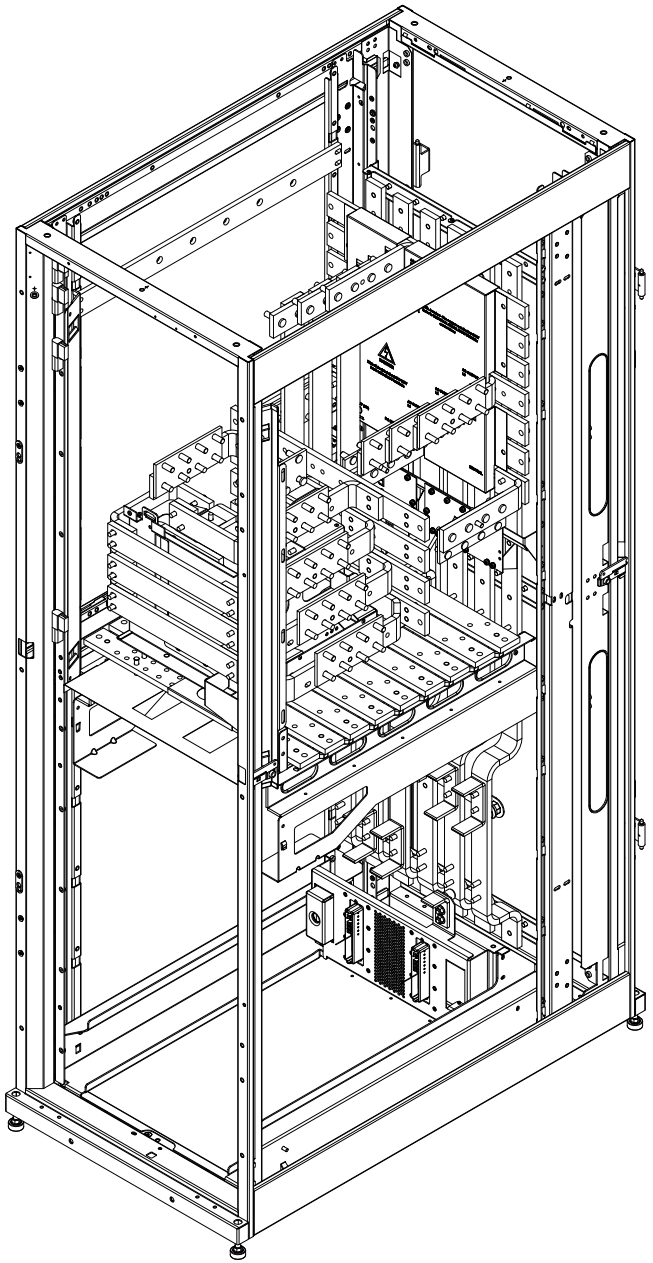
TITLE: InfraStruXure Symmetra PX 250/500kW Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
INTERNAL VIEW–DETAIL

PROJECT: SUBMITTAL DRAWING | SHEET 5 OF 9

DWG NO:	SYIOF500KD		REV: 3
DRAWN:	BALAMURUGAN/S CUNHA	07–MAR–14	FIRST ANGLE PROJ
ENGINEER:	H N/T M/F J	12–NOV–12	
APPROVED:	B S/F D/S W	07–MAR–14	



ISOMETRIC VIEW–INTERNAL



ISOMETRIC VIEW–INTERNAL
(WITHOUT SSW & POWER SUPPLY UNIT)

NOTES:

1. INSTALLATION MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. SOME MECHANICAL DETAILS HAVE BEEN OMITTED FOR CLARITY PURPOSE.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.

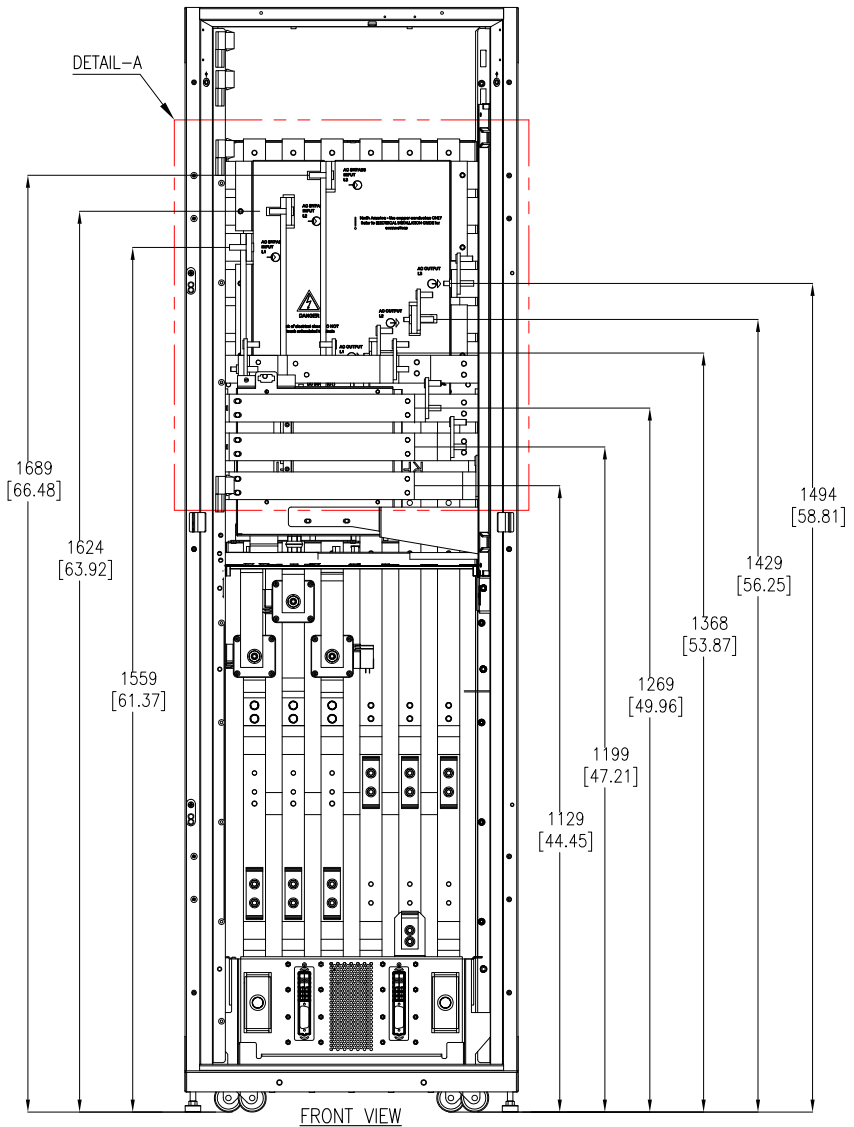
Schneider Electric

TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
INTERNAL–ISOMETRIC VIEW

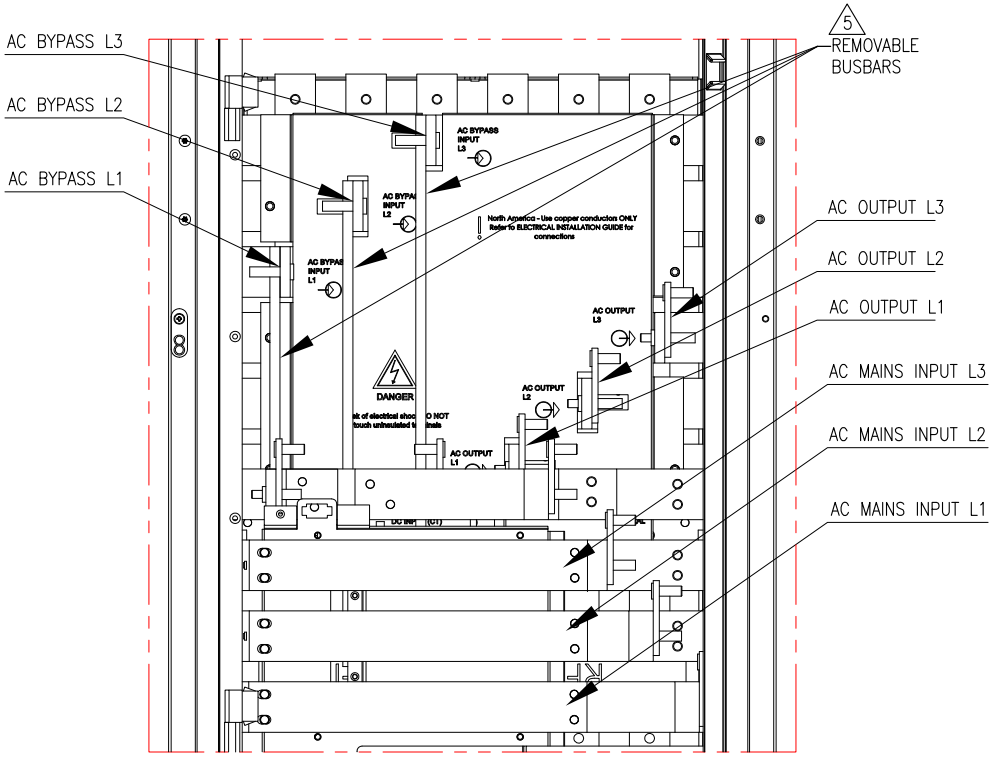
DWG NO: SYIOF500KD REV: 2

DRAWN:	C KRISHNA/BALA	25–FEB–15	FIRST
ENGINEER:	H NICOLAISEN/T MULLER/F JOHANSEN	25–FEB–15	ANGLE
APPROVED:	B S/F D/S W	25–FEB–15	PROJ

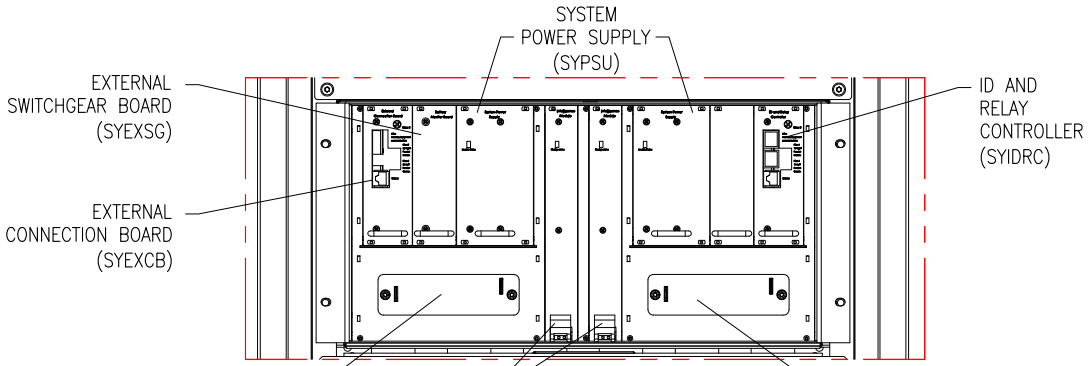
PROJECT: SUBMITTAL DRAWING | SHEET 6 OF 9



FRONT VIEW
(DOOR & SSW REMOVED)



DETAIL–A
(ENLARGED VIEW)



DETAIL–B
(ENLARGED VIEW)

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
4. ONLY ONE NMC (NETWORK MANAGEMENT CARD) IS INSTALLED AS STANDARD. THE OTHER NMC IS OPTIONAL.
5. BUSBARS SHALL BE REMOVED FOR DUAL MAINS CONFIGURATION.
6. SOME MECHANICAL DETAILS HAVE BEEN OMITTED FOR CLARITY PURPOSE.

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Schneider Electric

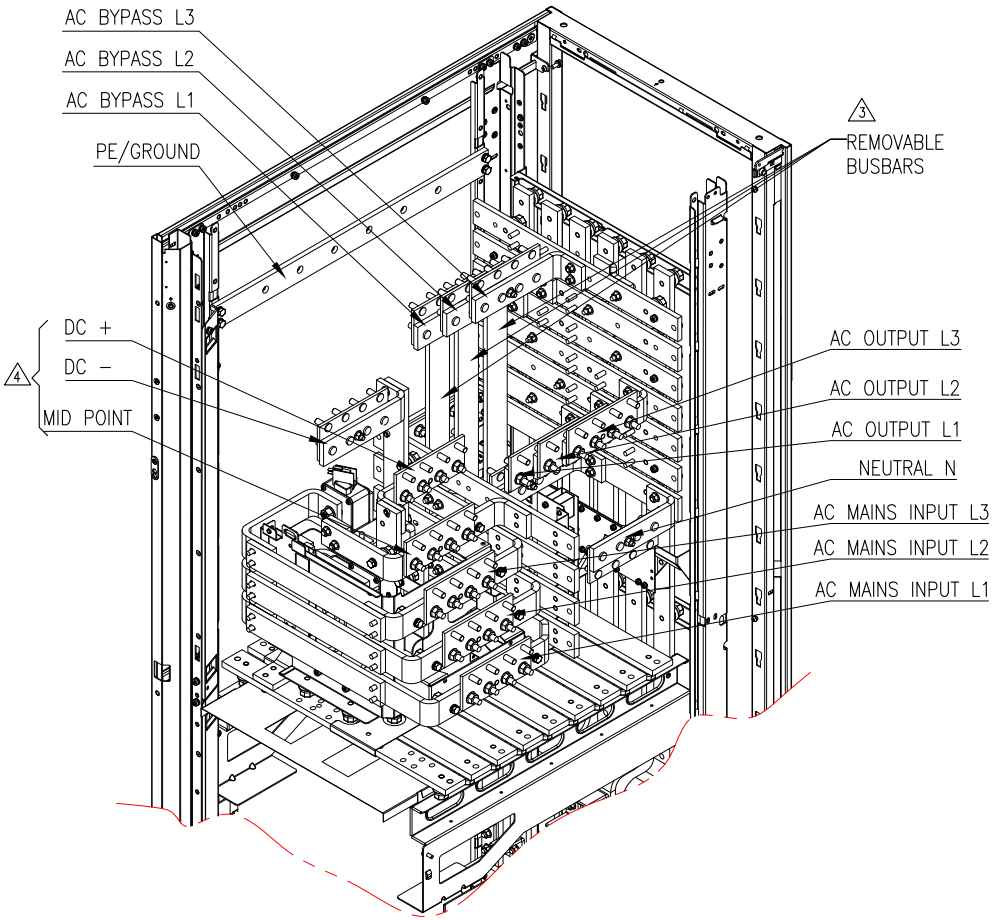
TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
INPUT–OUTPUT CONNECTION–1

PROJECT: SUBMITTAL DRAWING | SHEET 7 OF 9

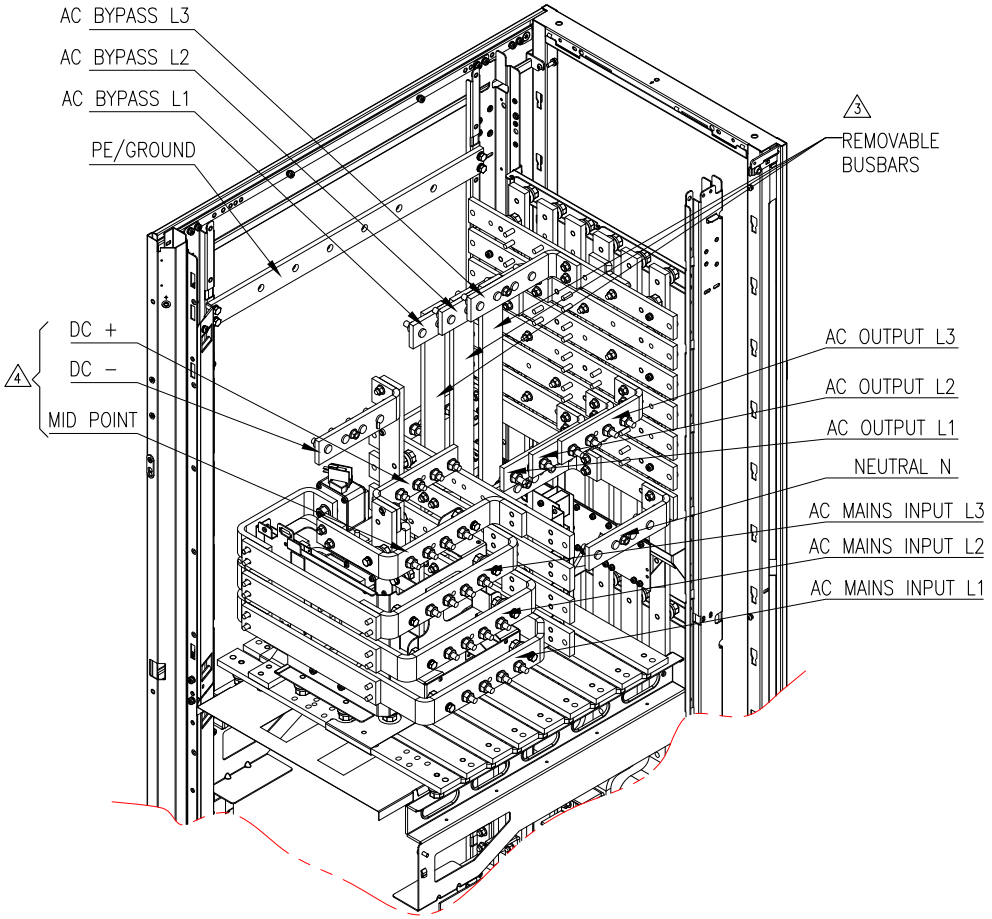
DWG NO: SYIOF500KD | REV. 2

DRAWN:	JAYAPRAKASH	01–FEB–16
ENGINEER:	H NICOLAISEN/T MULLER	01–FEB–16
APPROVED:	B S/F D/S W	01–FEB–16

FIRST ANGLE PROJ



DETAIL–A (ISOMETRIC VIEW)
BUSBARS WITH NEMA PLATES



DETAIL–A (ISOMETRIC VIEW)
WITH NORMAL BUSBARS

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
△ 3. BUSBARS SHALL BE REMOVED FOR DUAL MAINS CONFIGURATION.
△ 4. NOT REQUIRED FOR LINE UP & MATCH BATTERY SOLUTION.
ONLY USED FOR REMOTE XR BATTERY CABINETS OR FOR THIRD PARTY BATTERY SOLUTIONS.
5. SOME MECHANICAL DETAILS HAVE BEEN OMITTED FOR CLARITY PURPOSE.

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Schneider Electric

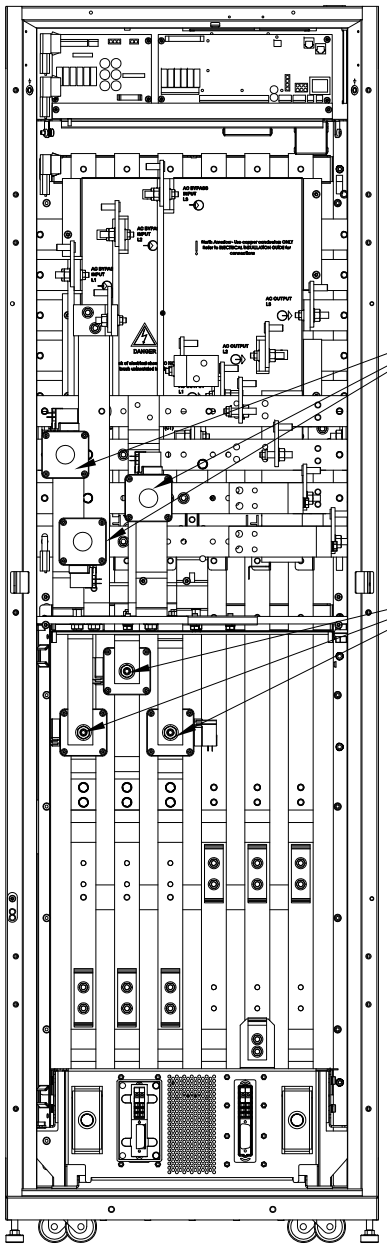
TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
INPUT–OUTPUT CONNECTIONS–2

PROJECT: SUBMITTAL DRAWING | SHEET 8 OF 9

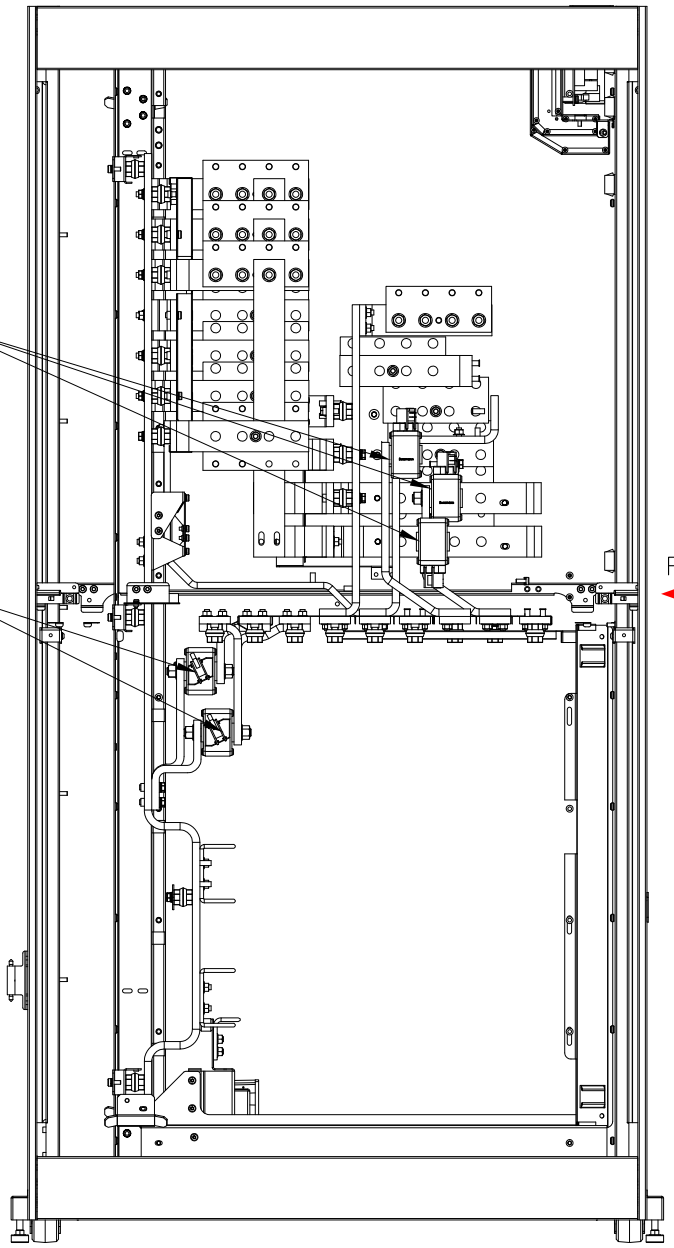
DWG NO: SYIOF500KD | REV. 3

DRAWN:	JAYAPRAKASH/BALA	25–FEB–15
ENGINEER:	M DESHPANDE	25–FEB–15
APPROVED:	B S/F D/S W	25–FEB–15

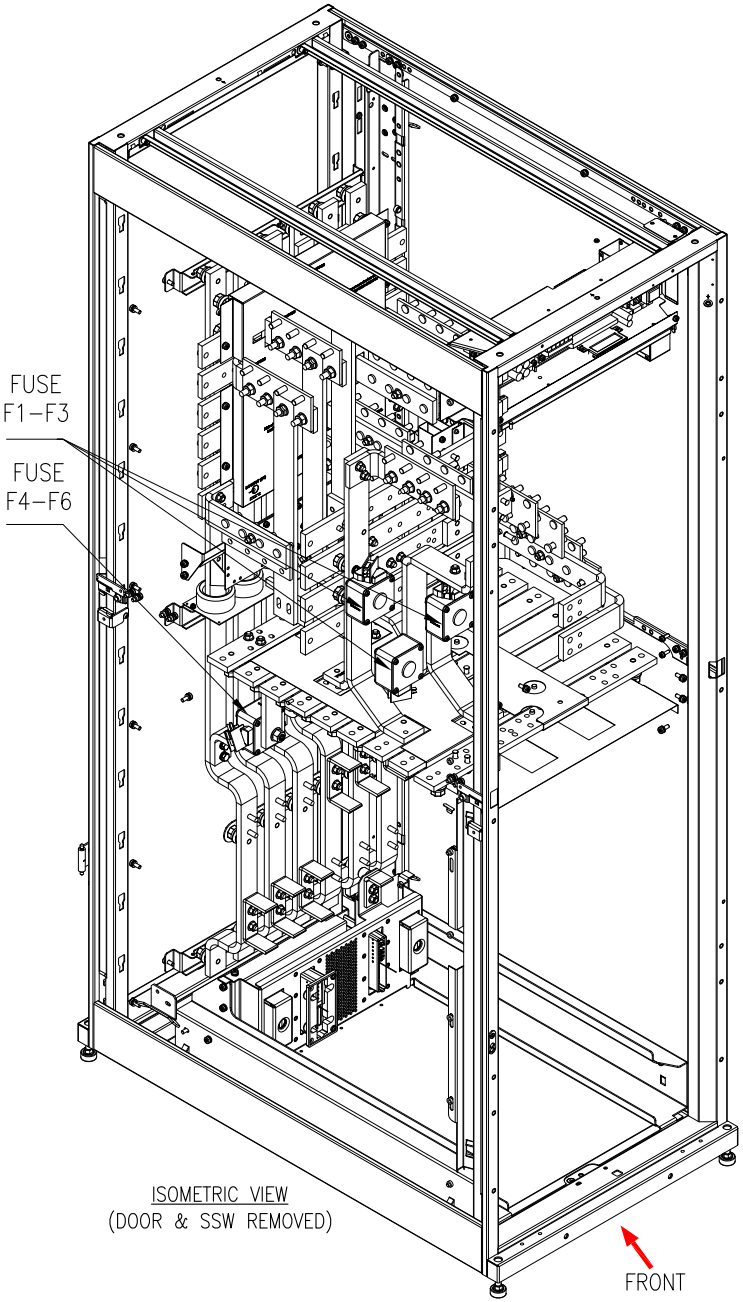
FIRST ANGLE PROJ



FRONT VIEW
(DOOR & SSW REMOVED)



SIDE VIEW
(DOOR & SSW REMOVED)



ISOMETRIC VIEW
(DOOR & SSW REMOVED)

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
△ 3. BUSBARS SHALL BE REMOVED FOR DUAL MAINS CONFIGURATION.
△ 4. THESE BUSBARS ARE NOT USED FOR CABLE LANDING FOR SOLUTIONS WITH MBwD.
△ 5. NOT REQUIRED FOR LINE UP & MATCH BATTERY SOLUTION.
ONLY USED FOR REMOTE XR BATTERY CABINETS OR FOR THIRD PARTY BATTERY SOLUTIONS.
6. SOME MECHANICAL DETAILS HAVE BEEN OMITTED FOR CLARITY PURPOSE.

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Schneider Electric

TITLE: InfraStruXure Symmetra PX 250/500kW
Input Output Frame without MBP
INPUT: 400/480V, 3ϕ, 50/60Hz
OUTPUT: 400/480V, 3ϕ, 50/60Hz
FUSE DETAILS

PROJECT: SUBMITTAL DRAWING | SHEET 9 OF 9

DWG NO:	SYIOF500KD		REV. 0
DRAWN:	C KRISHNA	03-DEC-14	FIRST ANGLE PROJ
ENGINEER:	M DESHPANDE	03-DEC-14	
APPROVED:	B S/F D/S W	03-DEC-14	