

DISPLAY (ENLARGED VIEW)

400V						Heat Dissipation (BTU/hr)					
Load	AM005	Normal Operation	ECO Mode	ECONversion	Battery Operation	Load	1000kW	Normal Operation	ECO Mode	ECONversion	Battery Operation
100%		82260	13758	13758	78519	100%			179570	30987	31342
Load	AM525	Normal Operation	ECO Mode	ECONversion	Battery Operation	Load	1100kW	Normal Operation	ECO Mode	ECONversion	Battery Operation
100%		91170	19367	19367	98149	100%			144204	26458	30658
Load	AM762	Normal Operation	ECO Mode	ECONversion	Battery Operation	Load	1250kW	Normal Operation	ECO Mode	ECONversion	Battery Operation
100%		129025	23240	23240	117778	100%			215042	30065	34838
Load	AM908	Normal Operation	ECO Mode	ECONversion	Battery Operation						
100%		137672	24790	24790	125630						

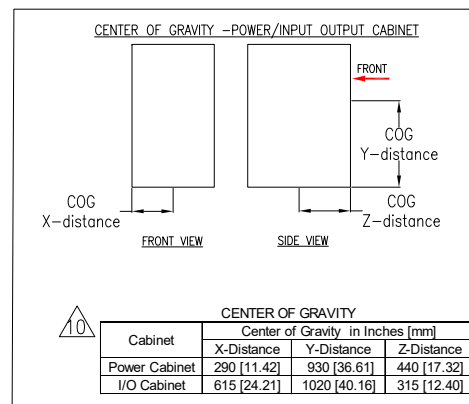


TABLE-1

SKU NUMBER	UPS RATING (kVA)	APPLICABLE NUMBER OF CABINETS		WEIGHT DATA FOR SKUS in kg [lb] (I/O CABINET-UNIT WEIGHT: 950[2094], POWER CABINET-UNIT WEIGHT: 540 [1190])
		I/O CABINET	POWER CABINET	
GVX500K500NHS / GVX500K750NHS/ GVX500K1000NHS/ GVX500K1250NHS	500	1	2	2030 [4474]
GVX750K500NHS	500 N+1			
GVX625K625NHS/ GVX625K1000NHS	625	1	3	2570 [5664]
GVX750K750NHS/ GVX750K1000NHS/ GVX750K1250NHS	750			
GVX1000K750NHS	750 N+1			
GVX800K800NHS	800	1	4	3110 [6854]
GVX1000K1000NHS/ GVX1000K1250NHS	1000			
GVX1250K1000NHS	1000 N+1			
GVX1100K1100NHS	1100	1	5	3650 [8044]
GVX1250K1250NHS	1250			
GVX1500K1100NHS	1100 N+1			
GVX1500K1250NHS	1250 N+1	1	6	4190 [9234]

#### NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
4. FRONT ACCESS REQUIRED FOR SERVICE. MINIMUM REQUIRED FRONT CLEARANCE IS 1020 [40.20]. REAR OR SIDE ACCESS NOT REQUIRED.
5. INPUT POWER CABLE ENTRY IS FROM TOP OR BOTTOM OF THE UNIT I/O CABINET ONLY.
6. FOR WEIGHT OF THE UNIT REFER TO THE TABLE-1.
7. OPERATING TEMPERATURE: 0°C TO 40°C [32°F TO 104°F].
8. DOOR SWING-ROTATES FREELY 180°.
9. COLOR: RAL 9003 WHITE.
10. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.

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**Schneider Electric**

TITLE: Galaxy VX SINGLE/PARALLEL  
UPS 500/625/750/1000/1250kVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
GENERAL ARRANGEMENT

DWG NO: GVX500K1250NHS

REV. 1

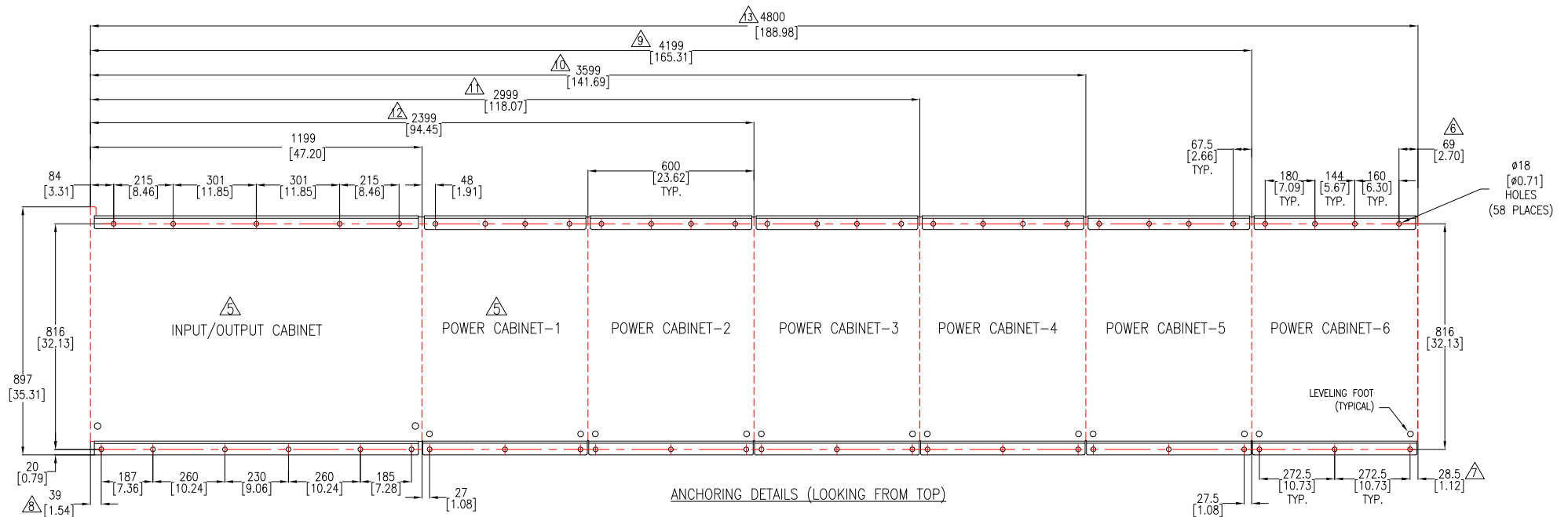
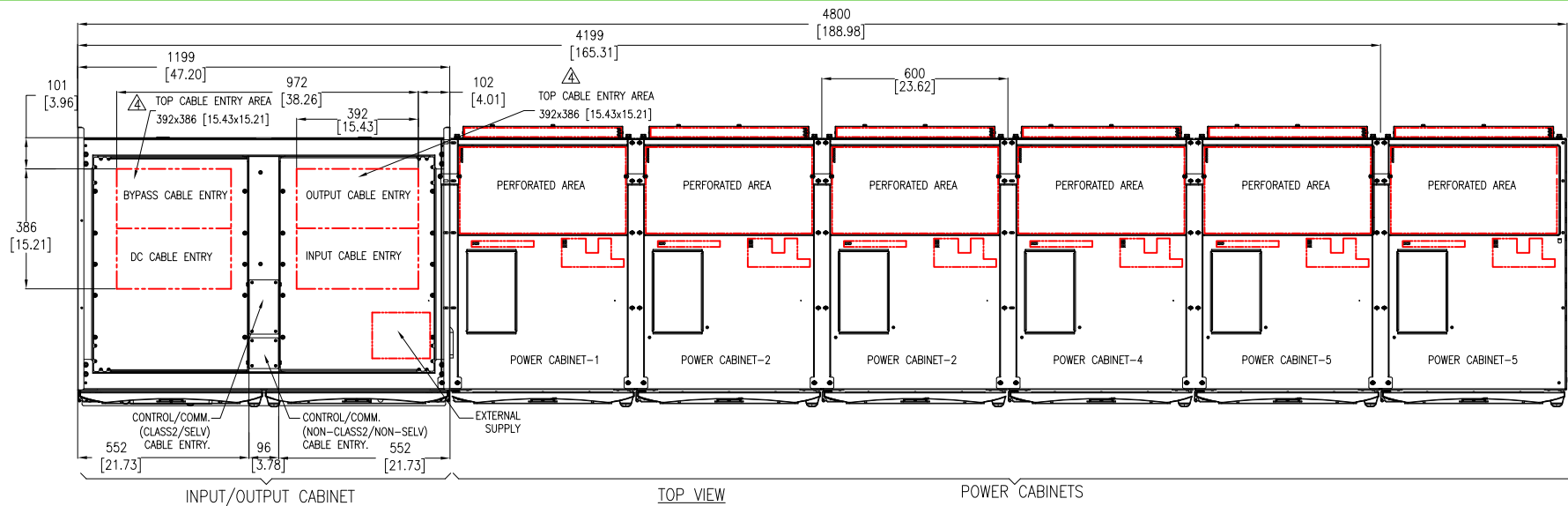
DRAWN: JAYAPRAKASH 13-NOV-23

ENGINEER: VINAYKUMAR N 13-NOV-23

APPROVED: VINAYKUMAR N 13-NOV-23

FIRST ANGLE PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 8



#### NOTES:

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2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].

△ DRILL/PUNCH HOLES IN PLATE AS PER DESCRIPTION GUIDELINES SHOWN.

REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.

△ FOR WEIGHT DETAILS REFER TO SHEET-1.

WITH SIDE COVERS	WITHOUT SIDE COVERS
△ 69.0 [2.70]	△ 68.0 [2.66]
△ 28.5 [1.12]	△ 27.5 [1.08]
△ 39.0 [1.54]	△ 38.0 [1.49]

#### WITHOUT SIDE COVERS

△ 4199 [165.31]
△ 3599 [141.69]
△ 2999 [118.07]
△ 2399 [94.45]
△ 1799 [70.87]

#### WITH SIDE COVERS

4200 [165.35]
3600 [141.73]
3000 [118.11]
2400 [94.49]
1800 [70.87]

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**Schneider Electric**

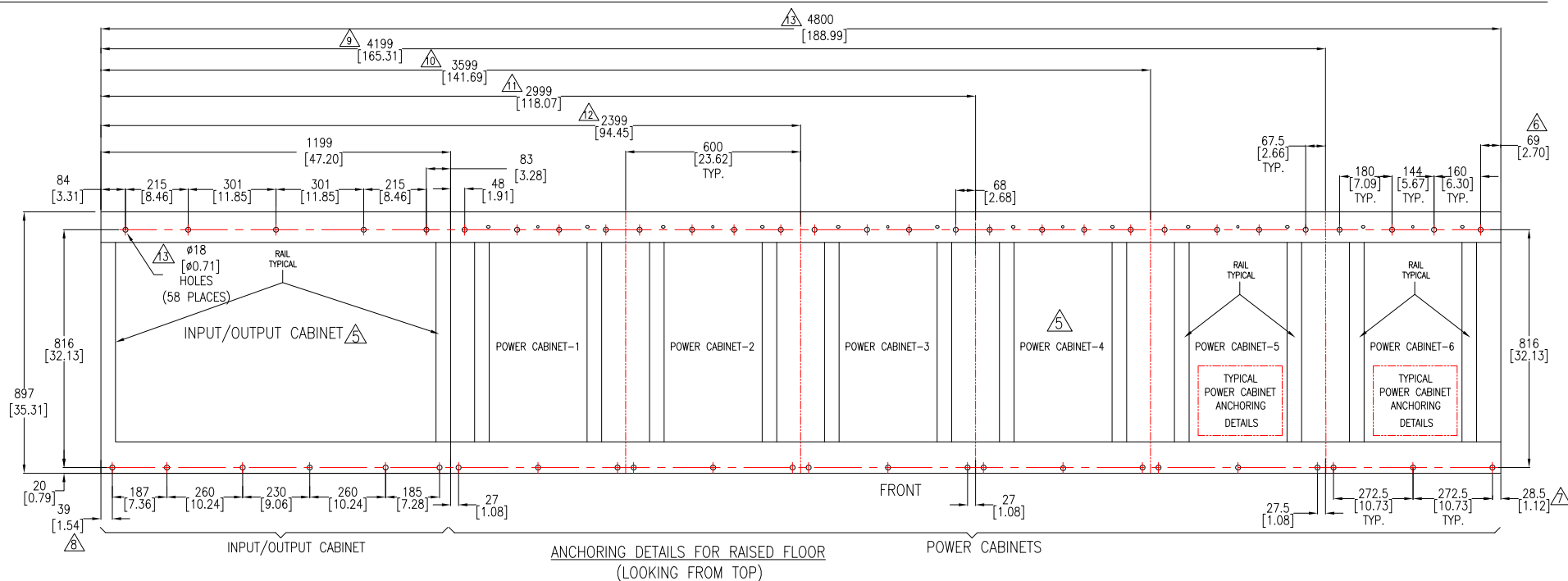
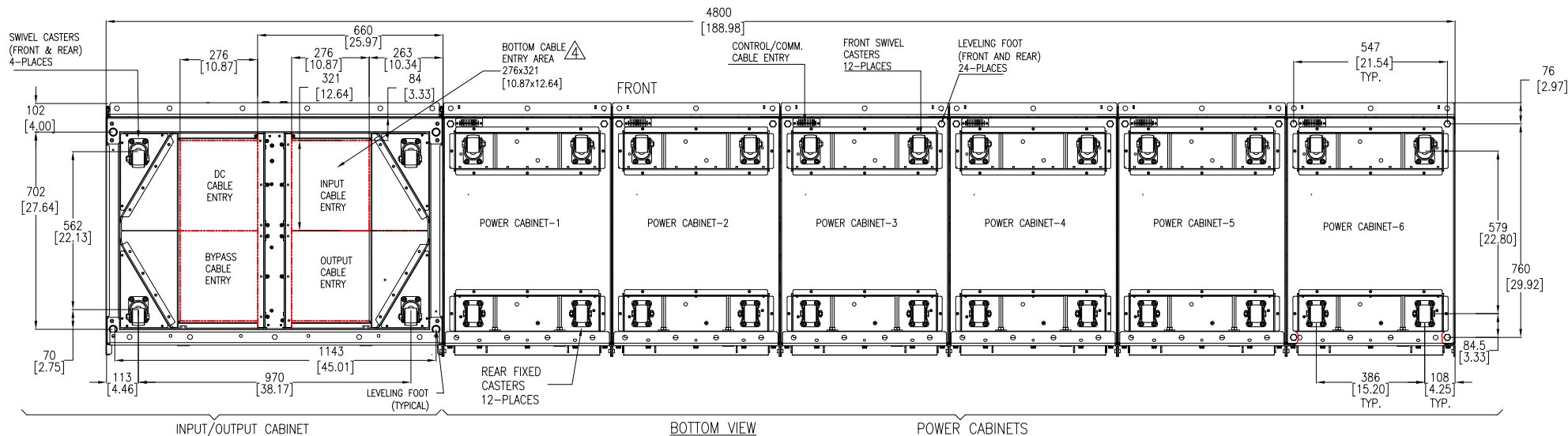
TITLE: Galaxy VX SINGLE/PARALLEL  
UPS 500/625/750/1000/1250kVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
TOP VIEW & ANCHORING

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 8

DWG NO: GVX500K1250NHS

DRAWN: JAYAPRAKASH	13-NOV-23
ENGINEER: VINAYKUMAR N	13-NOV-23
APPROVED: VINAYKUMAR N	13-NOV-23

REV. 1  
FIRST ANGLE PROJECTION



#### NOTES:

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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
- △ DRILL/PUNCH HOLES IN PLATE AS PER DESCRIPTION GUIDELINES SHOWN.  
REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
- △ FOR WEIGHT DETAILS REFER TO SHEET-1.
- | WITH SIDE COVERS | WITHOUT SIDE COVERS |
|------------------|---------------------|
| △ 69.0 [2.70]    | △ 68.0 [2.66]       |
| △ 28.5 [1.12]    | △ 27.5 [1.08]       |
| △ 39.0 [1.54]    | △ 38.0 [1.49]       |

	WITHOUT SIDE COVERS	WITH SIDE COVERS
△ 9	4199 [165.31]	4200 [165.35]
△ 10	3599 [141.69]	3600 [141.73]
△ 11	2999 [118.07]	3000 [118.11]
△ 12	2399 [94.45]	2400 [94.49]
△ 13	4799 [188.94]	4800 [188.98]

14. UPS HAS BEEN SEISMIC TESTED WITH M12 BOLTS.

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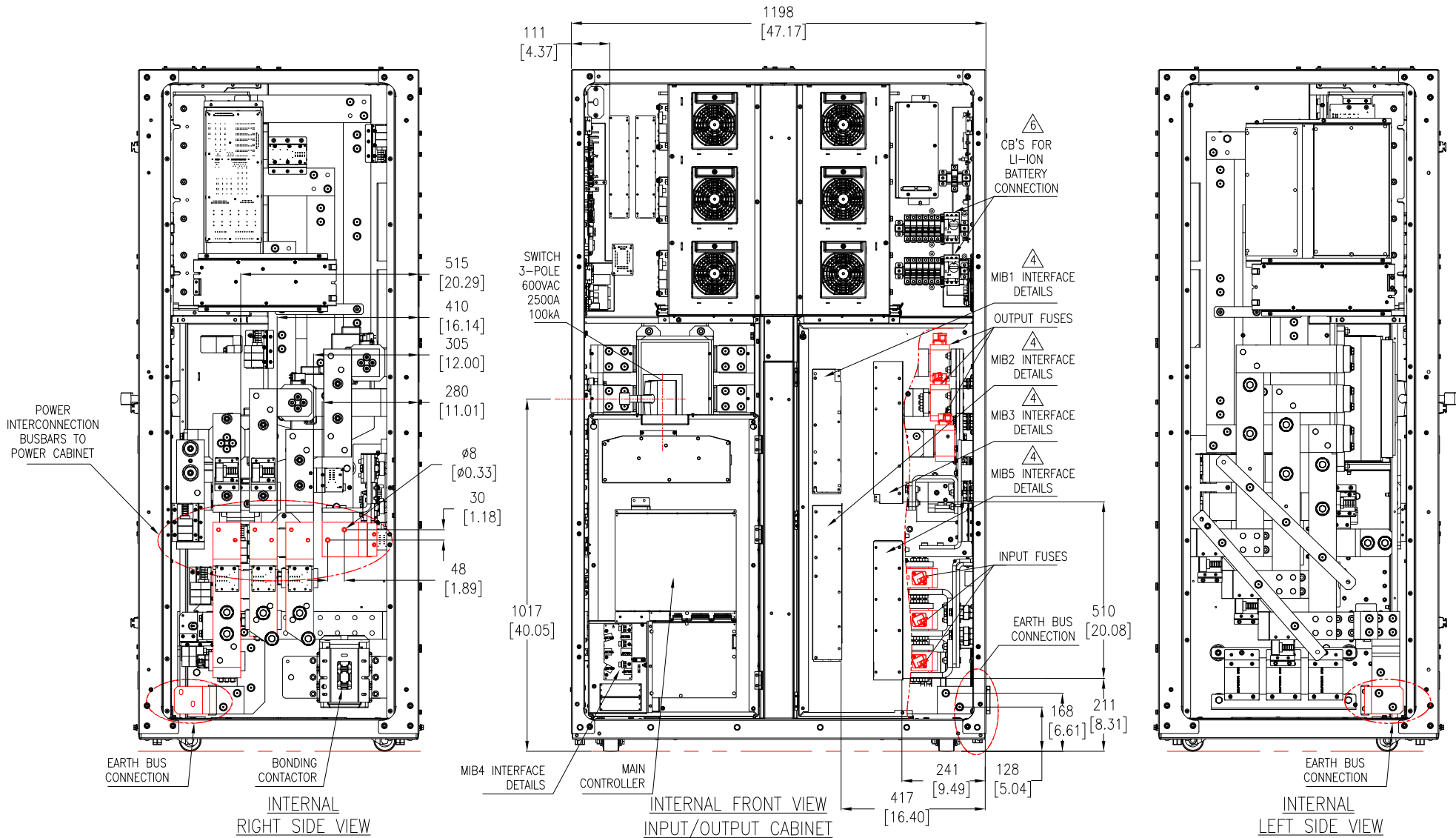
**Schneider Electric**

TITLE: Galaxy Vx SINGLE/PARALLEL  
UPS 500/625/750/1000/1250KVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
BOTTOM VIEW & RAISED FLOOR ANCHORING

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 8

DWG NO: GVX500K1250NHS  
DRAWN: JAYAPRAKASH  
ENGINEER: VINAYKUMAR N  
APPROVED: VINAYKUMAR N

REV. 1  
13-NOV-23  
13-NOV-23  
13-NOV-23  
FIRST ANGLE PROJECTION



- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
  - △ 4. FOR MIB INTERFACE DETAILS REFER TO UPS INSTALLATION MANUAL.
  - △ 5. FOR HIGH IMPEDANCE GROUNDING INSTALLATION REFER TO INSTALLATION MANUAL.
  - △ 6. REFER TO LI-ION BATTERY INSTALLATION MANUAL FOR CONNECTION DETAILS.

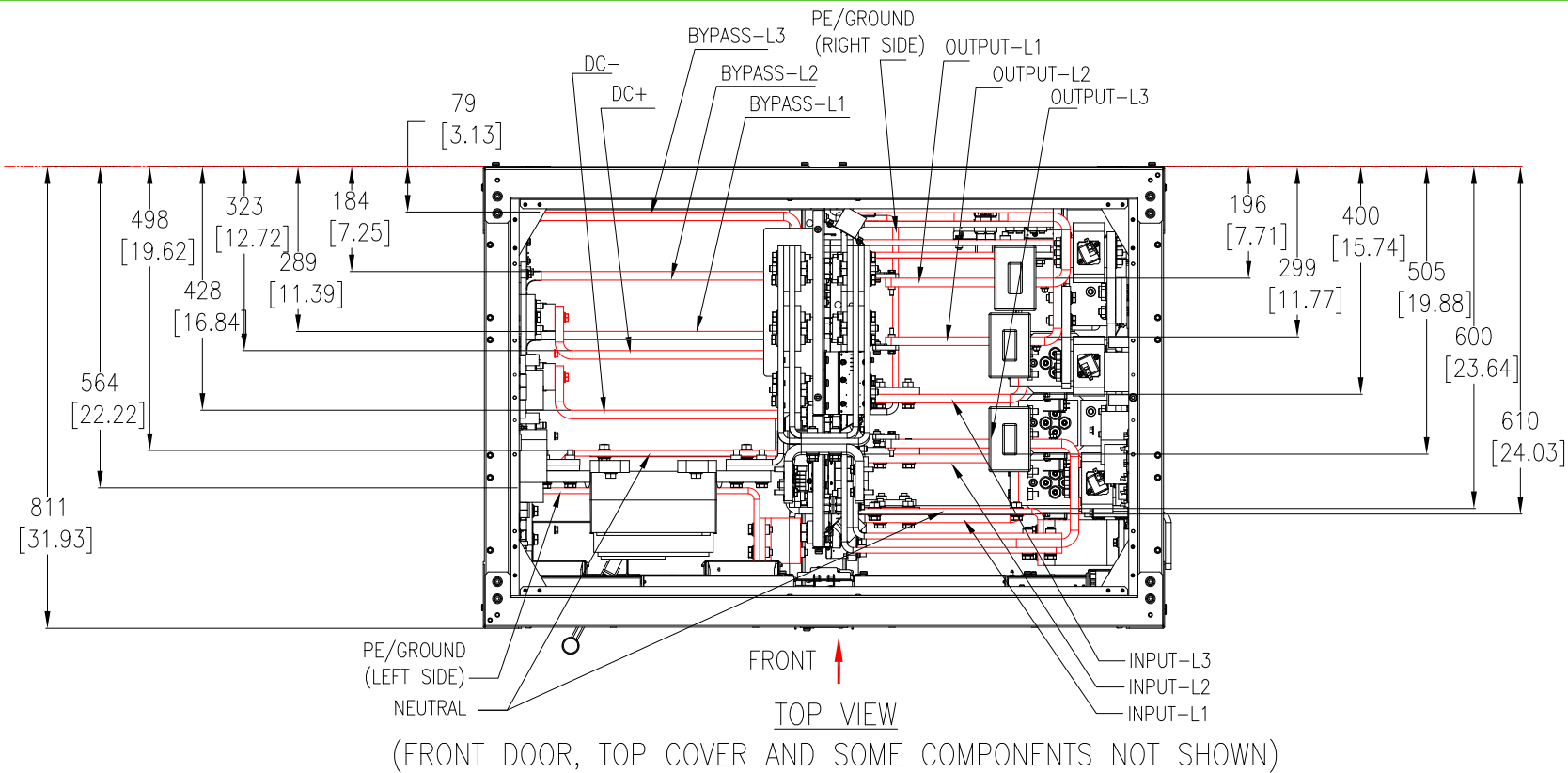
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**TITLE:** Galaxy VX SINGLE/PARALLEL  
UPS 500/625/750/1000/1250KVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
INPUT-OUTPUT CABINET INTERNAL

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 8

<b>DWG NO:</b> GVX500K1250NHS	<b>REV:</b> 0
<b>DRAWN:</b> K NAGENDRA	13-MAR-20
<b>ENGINEER:</b> J NoehrVangsgaard	14-MAR-20
<b>APPROVED:</b> J NoehrVangsgaard	14-MAR-20
<b>FIRST ANGLE PROJECTION</b>	



## BUSBAR DETAILS

<p>OUTPUT BUSBARS (L1, L3, L3)</p> <p>THICKNESS: 0.59 [15.0]</p>	<p>BYPASS BUSBARS (L1, L3, L3)</p> <p>THICKNESS: 0.59 [15.0]</p>	<p>NEUTRAL BUSBARS</p> <p>THICKNESS: 0.39 [10.0]</p>	
<p>INPUT BUSBARS (L1, L3, L3)</p> <p>THICKNESS: 0.59 [15.0]</p>	<p>PE/GROUND BUSBAR-LEFT SIDE</p> <p>THICKNESS: 0.39 [10.0]</p>	<p>PE/GROUND BUSBAR-RIGHT SIDE</p> <p>THICKNESS: 0.39 [10.0]</p>	<p>DC+/DC- BUSBARS</p> <p>THICKNESS: 0.59 [15.0]</p>

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3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
4. CONTROL WIRES MUST BE RUN IN INDIVIDUAL CONDUIT SEPARATE FROM POWER WIRES.
5. ALL EXTERNAL WIRING BY CUSTOMER.

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**Schneider Electric**

TITLE: Galaxy VX SINGLE/PARALLEL  
UPS 500/625/750/1000/1250KVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
INTERNAL DETAILS-1

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 8

DWG NO: GVX500K1250NHS

DRAWN: K NAGENDRA 13-MAR-20

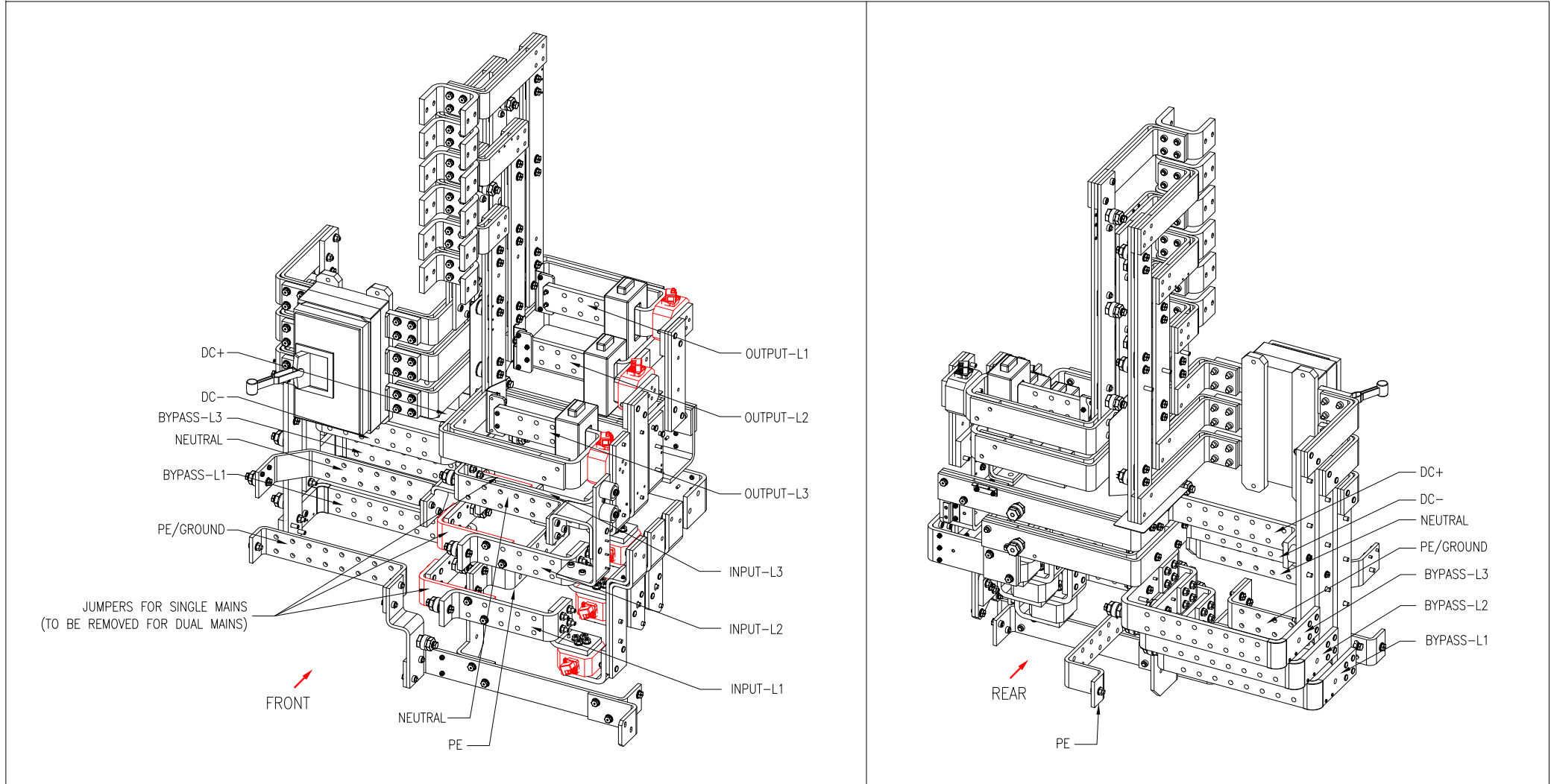
ENGINEER: J NoehrVangsgaard 14-MAR-20

REV: 0

FIRST ANGLE

PROJECTION

# ISOMETRIC VIEW



## NOTES:

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**Schneider Electric**

TITLE: Galaxy VX SINGLE/PARALLEL  
UPS 500/625/750/1000/1250kVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
INTERNAL DETAILS-2

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 8

DWG NO: GVX500K1250NHS

DRAWN: K NAGENDRA 13-MAR-20

ENGINEER: J NoehrVangsgaard 14-MAR-20

APPROVED: J NoehrVangsgaard 14-MAR-20

REV. 0

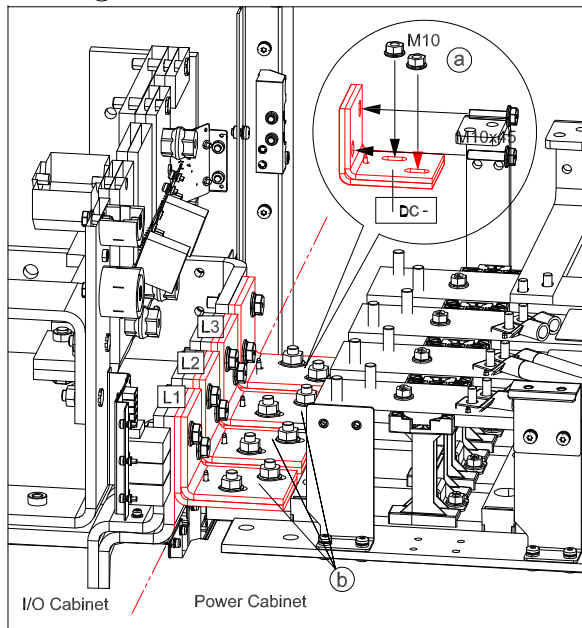
FIRST

ANGLE

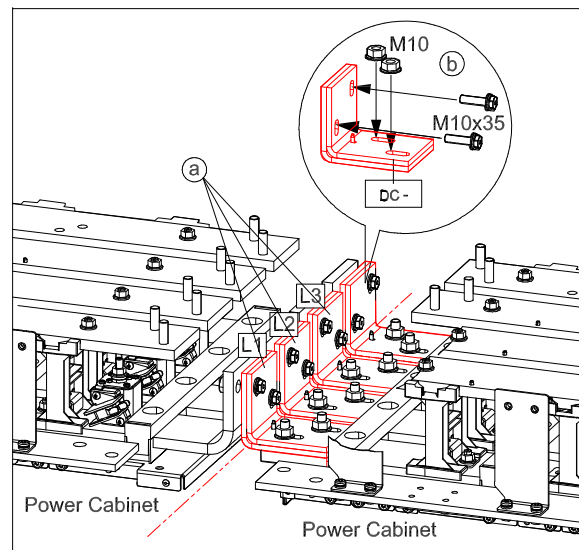
PROJECTION



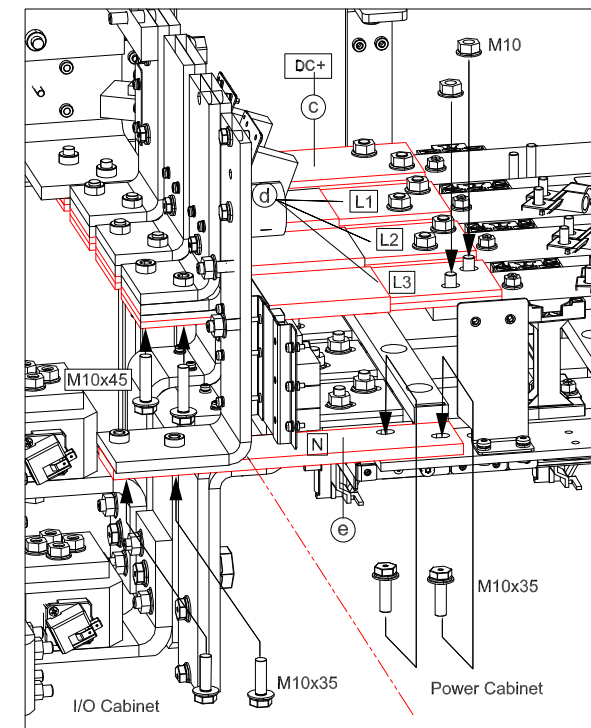
- Ⓐ DC- interconnection busbars
- Ⓑ Input interconnection busbars



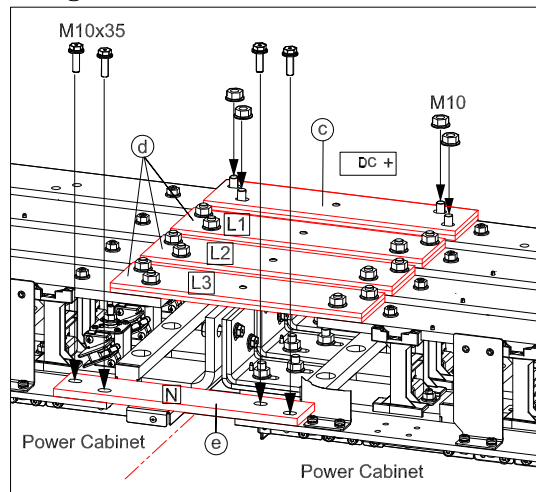
- Ⓐ Input interconnection busbars
- Ⓑ DC- interconnection busbars



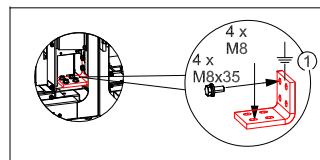
- Ⓒ DC+ interconnection busbars
- Ⓓ Output interconnection busbars
- Ⓔ Neutral interconnection busbars



- Ⓒ DC+ and DC- interconnection busbars
- Ⓓ Output interconnection busbars
- Ⓔ Neutral interconnection busbars



- Ⓐ Grounding busbars between power cabinets



**NOTES:**

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5. ALL EXTERNAL WIRING BY CUSTOMER.

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**Schneider Electric**

TITLE: Galaxy Vx SINGLE/PARALLEL  
UPS 500/625/750/1000/1250kVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
INTERCONNECTION BUSBAR DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 8

DWG NO: GVX500K1250NHS

DRAWN: K NAGENDRA 13-MAR-20

ENGINEER: J NoehrVangsgaard 14-MAR-20

APPROVED: J NoehrVangsgaard 14-MAR-20

REV. 0

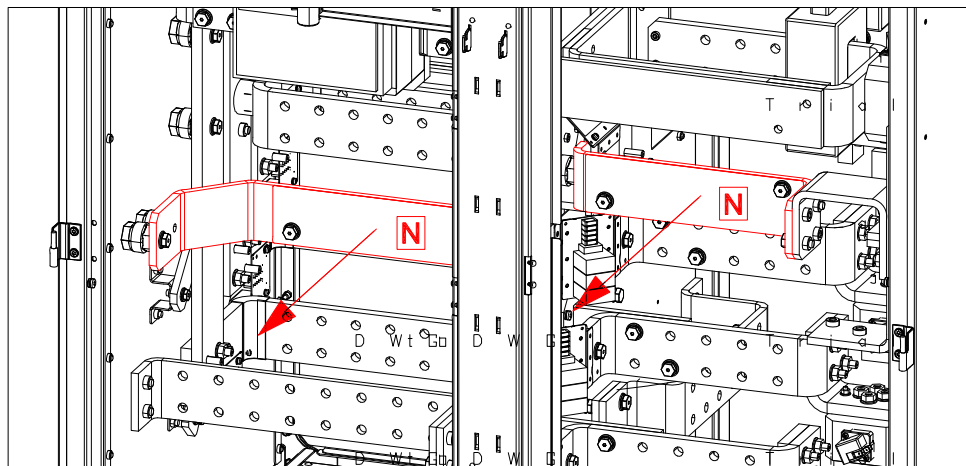
FIRST ANGLE

PROJECTION

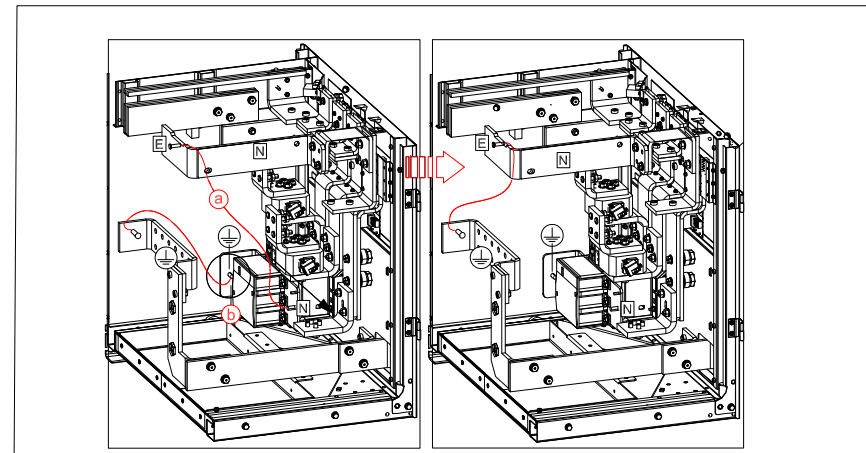
# CONNECTING CABLES IN 380/400/415/440V SYSTEMS

Only applicable to TNC systems

Only applicable to installation with Neutral connection.  
Remove Lexan plate from the N busbars.

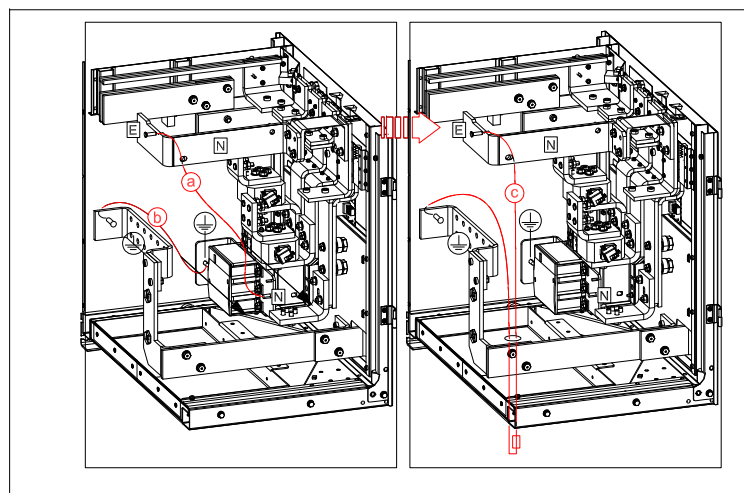


- Remove the jumper cable between the N-terminal on the bonding contactor and the E-terminal.
- Disconnect the jumper cable from the PE terminal on the bonding contactor and connect to the E-terminal.



Only applicable to 4-wire IT systems

- Remove the jumper cable between the N-terminal on the bonding contactor and the E-terminal.
- Remove the jumper cable between the PE terminal on the bonding contactor and the PE busbar
- Connect and external Impedance between the E-terminal and the PE busbar.



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**Schneider Electric**

TITLE: Galaxy Vx SINGLE/PARALLEL  
UPS 500/625/750/1000/1250kVA  
Input: 400V, 3PH, 50Hz, Single/Dual Mains  
Output: 400V, 3PH, 50Hz  
BUSBAR CONNECTION DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 8 OF 8

DWG NO: GVX500K1250NHS

DRAWN: K NAGENDRA 13-MAR-20

ENGINEER: J NoehrVangsgaard 14-MAR-20

APPROVED: J NoehrVangsgaard 14-MAR-20

REV: 0

FIRST

ANGLE

PROJECTION