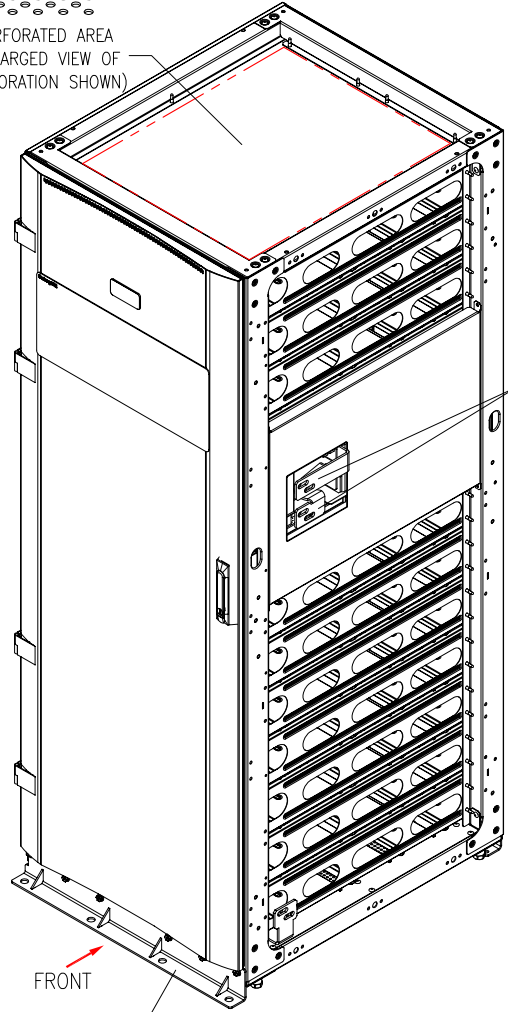


PERFORATED AREA
(ENLARGED VIEW OF
PERFORATION SHOWN)



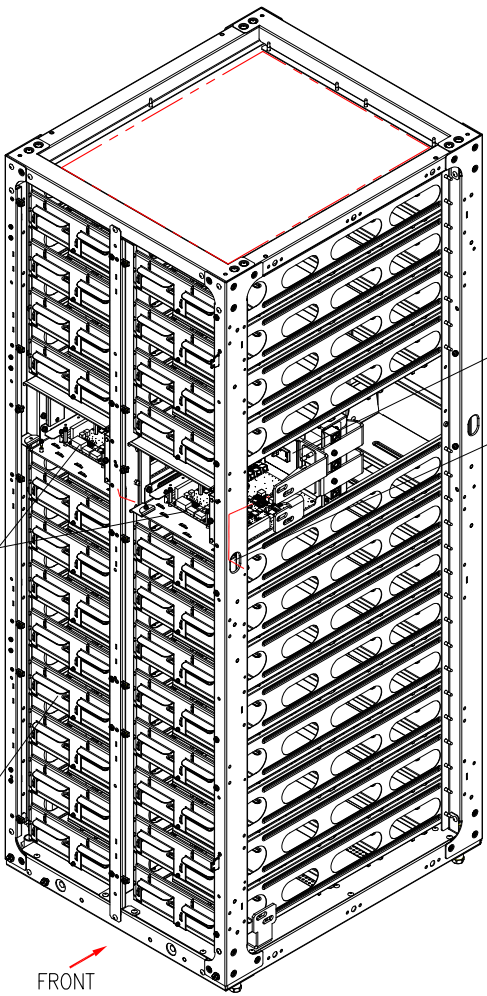
4 5
FRONT ANCHORING
BRACKETS

EXTERNAL ISOMETRIC VIEW

INTERCONNECTION
BUSBARS

INTERFACE/COMM.
PCB

BATTERY
MTG. AREA

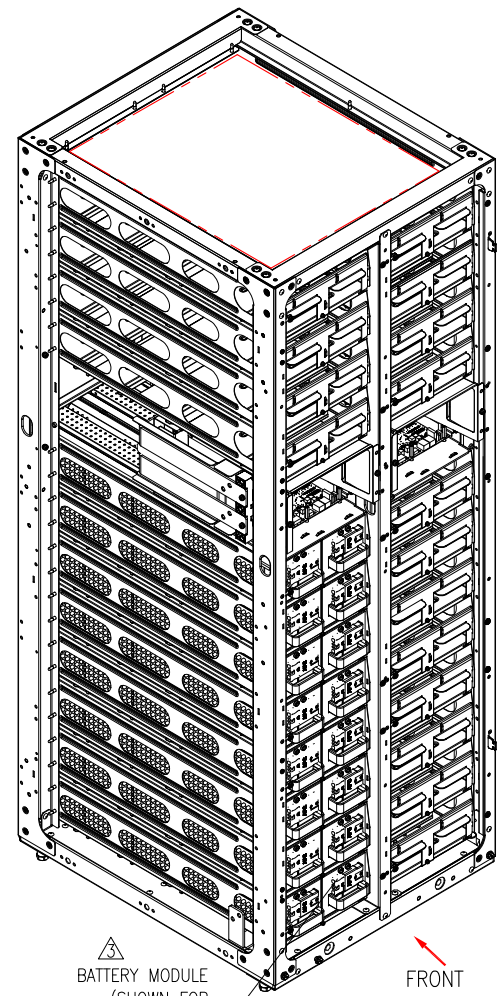


FRONT

INTERNAL ISOMETRIC VIEW
(FRONT DOORS NOT SHOWN)

BATTERY
BREAKER

COMMUNICATION
CABLE ENTRY/EXIT



BATTERY MODULE
(SHOWN FOR
REFERENCE ONLY)

FRONT

INTERNAL ISOMETRIC VIEW
(BATTERY POPULATED IN LEFT-LOWER COLUMN)

- 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. MODULAR BATTERY (GVMMBTU) NOT PART OF THE SKU (GVMMODBCW). SHOWN FOR ILLUSTRATION PURPOSE ONLY.
 4. IN AREAS WHERE SEISMIC PROTECTION IS REQUIRED, FOLLOW THE INSTRUCTIONS IN GVMANCHORING-SA DRAWING.
 5. FOR INSTALLATION ON RAISED FLOOR, FOLLOW THE INSTRUCTIONS IN GVMANCHORING-RF DRAWING

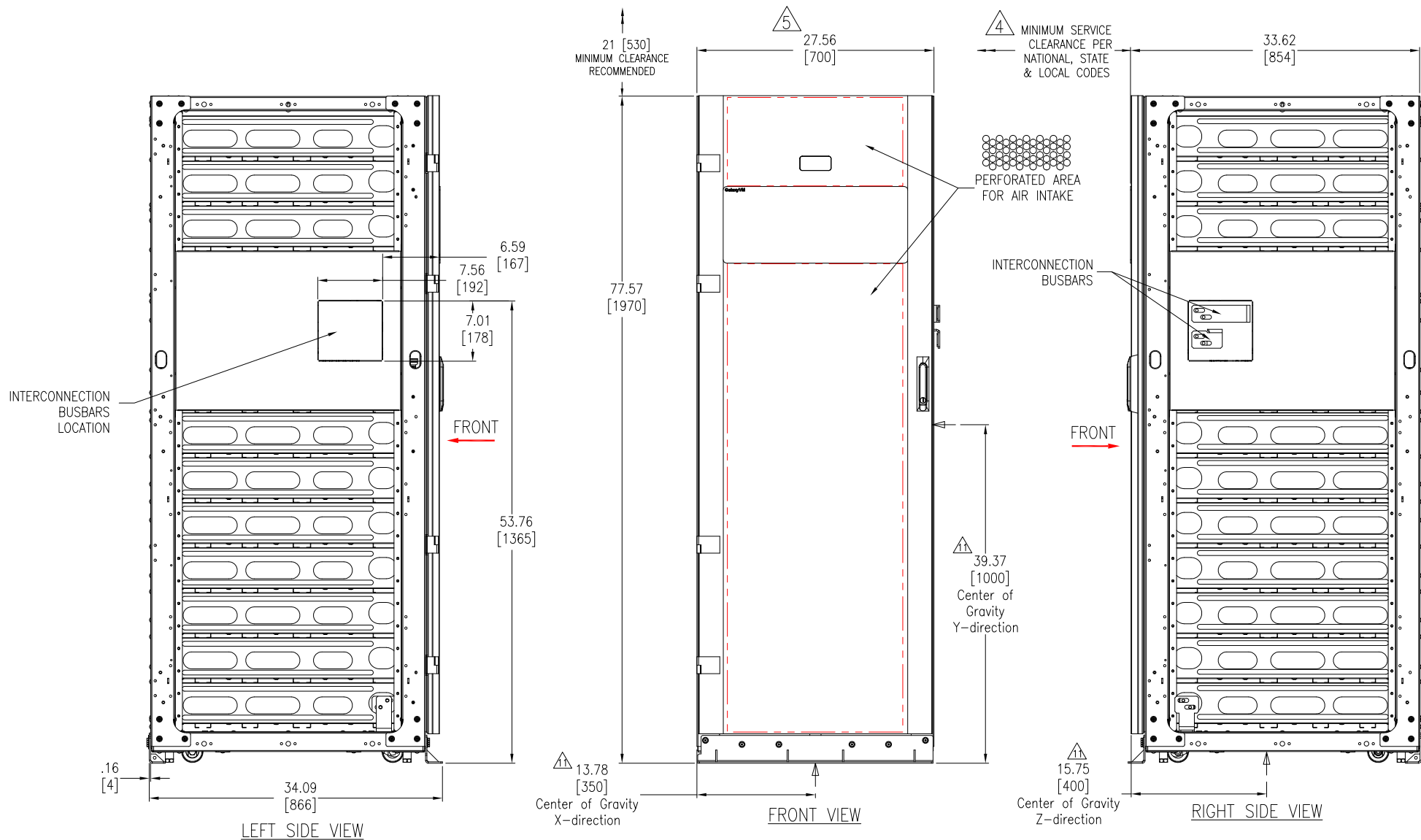
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TITLE:
Galaxy VM
MODULAR BATTERY CABINET - WIDE
ISOMETRIC VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 7

DWG NO:	GVMMODBCW	REV:	3
DRAWN BY:	JAYAPRAKASH	31-AUG-18	THIRD
ENGINEER:	J VANGSGAARD/Z WILLIAM	31-AUG-18	ANGLE
APPROVED BY:	M PAULSEN	31-AUG-18	PROJECTION



NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- FRONT ACCESS REQUIRED FOR SERVICE.
- DIMENSION EXCLUDES SKIN AND SCREW PROJECTIONS.
- THE WEIGHT OF THE UNIT (WITHOUT BATTERIES) IS 462 lb [210.0 kg].
WEIGHT OF ONE BATTERY STRING (GVMMBTU) IS 264 lb [120 kg]. BATTERY STRING IS NOT PART OF THIS SKU.
- COLOR: RAL 9003 WHITE.
- PROTECTION CLASS: IP20
- OPERATING TEMPERATURE: 32°F TO 103°F [0°C TO 40°C].
TO OPTIMIZE THE LIFE OF BATTERY, IT IS RECOMMENDED TO MAINTAIN 77°F [25°C].
- AS THE MODULAR BATTERY CABINET IS BAYED WITH ANOTHER BATTERY CABINET OR POWER FRAME,
LEFT SIDE PANELS (COVERS) OF THE POWER FRAME WILL BE TAKEN OUT AND MOUNTED ON LEFT SIDE OF THE BATTERY CABINET.
- THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
- DOOR SWING: FREELY ROTATES BY 180°.
- CABLE ENTRY IS FROM SIDE OF THE UNIT.

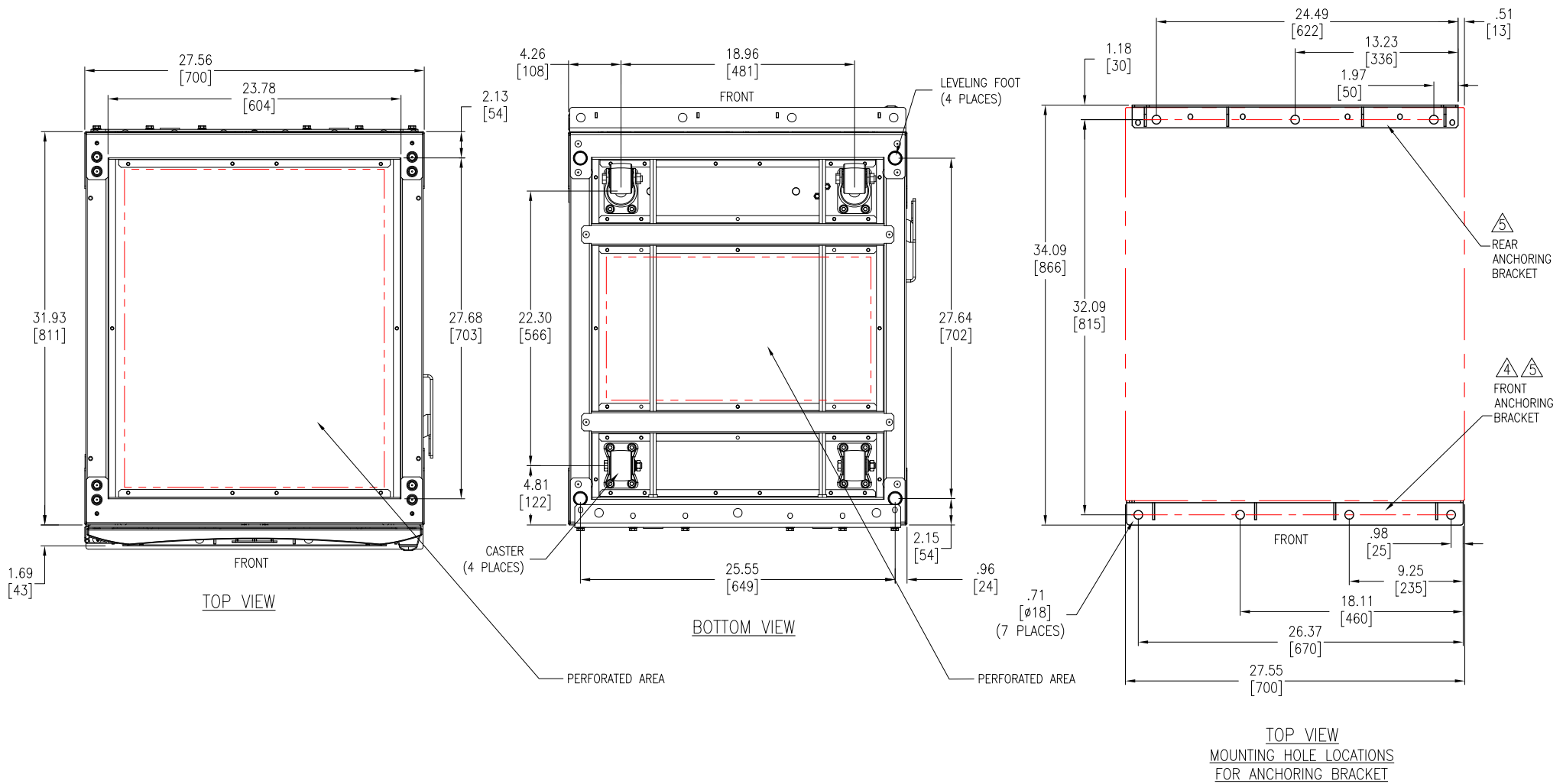
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TITLE:
Galaxy VM
MODULAR BATTERY CABINET – WIDE
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS **SHEET 2 OF 7**

DWG NO:	GVMMODBCW		REV.	4
DRAWN BY:	JAYAPRAKASH	31-AUG-18	THIRD ANGLE PROJECTION	
ENGINEER:	J VANGSGAARD/Z WILLIAM	31-AUG-18		
APPROVED BY:	M PAULSEN	31-AUG-18		



NOTES:

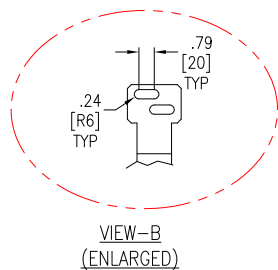
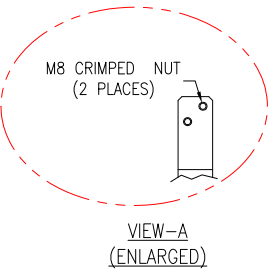
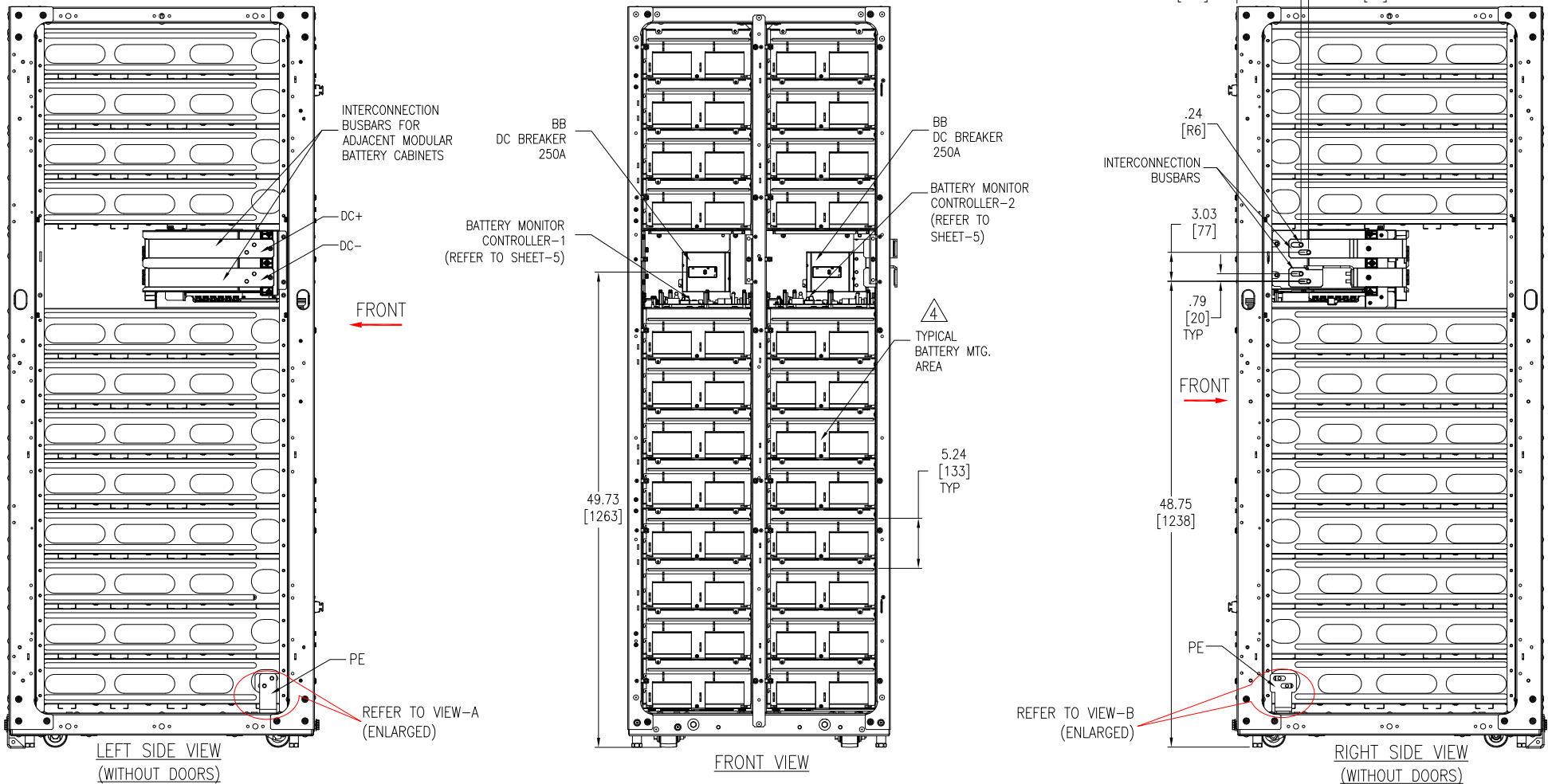
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- △4. FIXATION OF ANCHORING BRACKETS IN FRONT IS OPTIONAL IN NON-SEISMIC LOCATIONS.
- △5. IN AREAS WHERE SEISMIC PROTECTION IS REQUIRED, FOLLOW THE INSTRUCTION IN GVMANCHORING-SA DRAWING. FLOOR ANCHORING BOLTS ARE NOT SUPPLIED.
6. FOR INSTALLATION ON RAISED FLOOR, FOLLOW THE INSTRUCTION IN GVMANCHORING-RF DRAWING. FLOOR ANCHORING BOLTS ARE NOT SUPPLIED.

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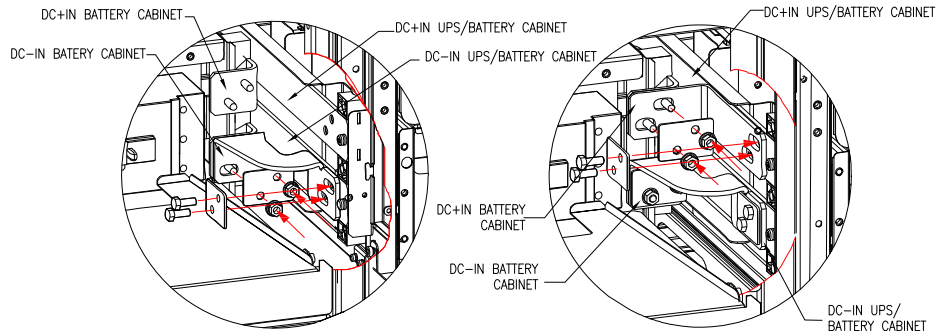


TITLE:
Galaxy VM
MODULAR BATTERY CABINET - WIDE
TOP - BOTTOM VIEWS AND
ANCHORING DETAILS
PROJECT: SUBMITTAL DRAWINGS **SHEET 3 OF 7**

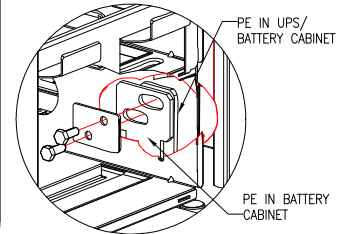
DWG NO:	GVMMODBCW	REV:	3
DRAWN BY:	JAYAPRAKASH	31-AUG-18	THIRD
ENGINEER:	J VANGSGAARD/Z WILLIAM	31-AUG-18	ANGLE
APPROVED BY:	M PAULSEN	31-AUG-18	PROJECTION



**DC BUSBARS INTERCONNECTION BETWEEN TWO MODULAR BATTERY CABINETS/
BETWEEN MODULAR BATTERY CABINET AND UPS POWER CABINET**



**PE BUSBARS INTERCONNECTION BETWEEN TWO MODULAR BATTERY CABINETS/
BETWEEN MODULAR BATTERY CABINET AND UPS POWER CABINET**



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 INCHES [MILLIMETERS].
4. MODULAR BATTERY (GVMMBTU) NOT PART OF THE SKU (GVMMODBCW), SHOWN FOR ILLUSTRATION PURPOSE ONLY.
5. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

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:

Galaxy VM
MODULAR BATTERY CABINET - WIDE
INTERNAL VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 7

DWG NO:

GVMMODBCW

REV:

3

DRAWN BY:

JAYAPRAKASH 31-AUG-18

THIRD

ENGINEER:

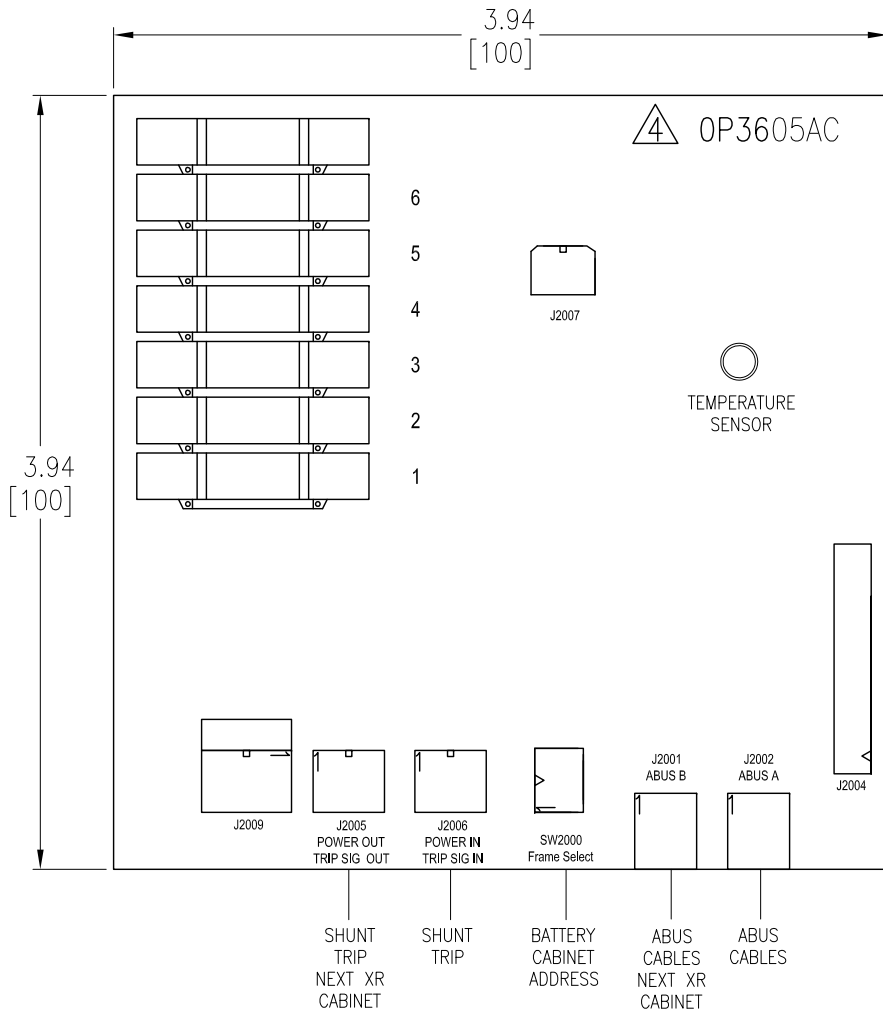
J YANGSGAARD/Z WILLIAM 31-AUG-18

ANGLE

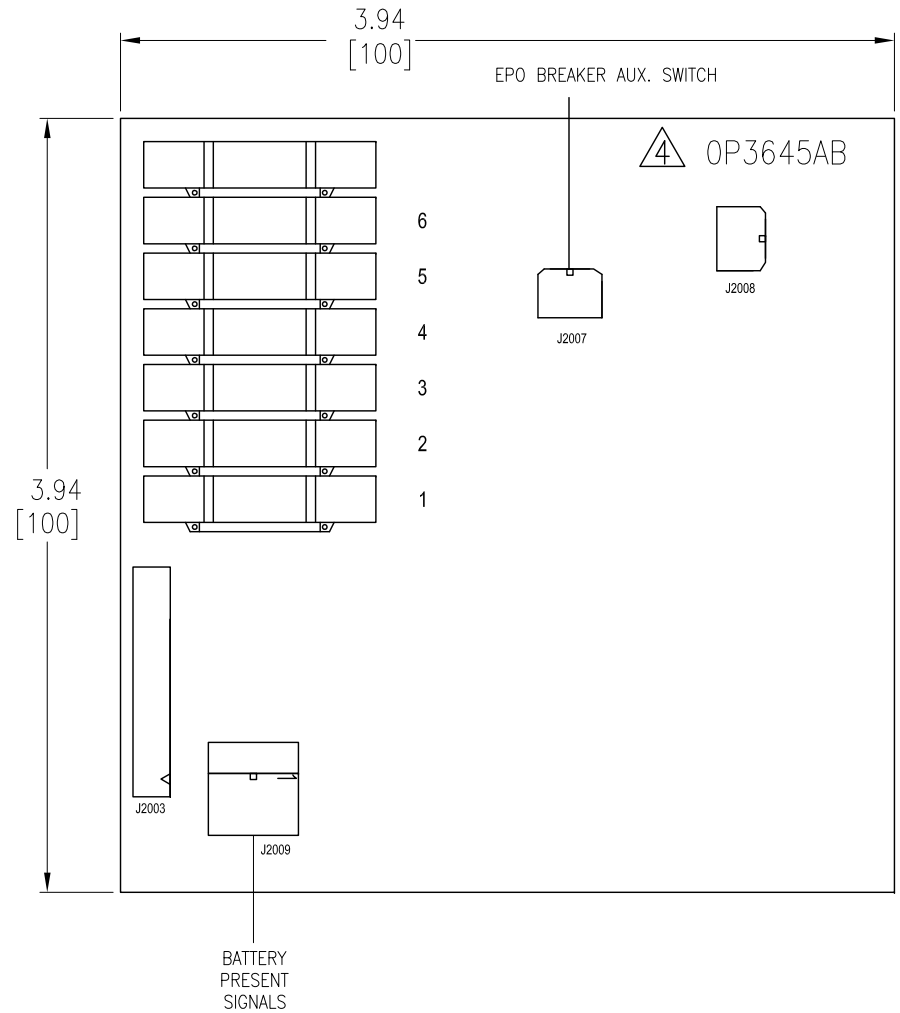
APPROVED BY:

M PAULSEN 31-AUG-18

PROJECTION



BATTERY MONITOR CONTROLLER-1



BATTERY MONITOR CONTROLLER-2

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 INCHES [MILLIMETERS].
- △4. FOR LATEST VERSION OF THE BOARD/S CONTACT SCHNEIDER ELECTRIC.

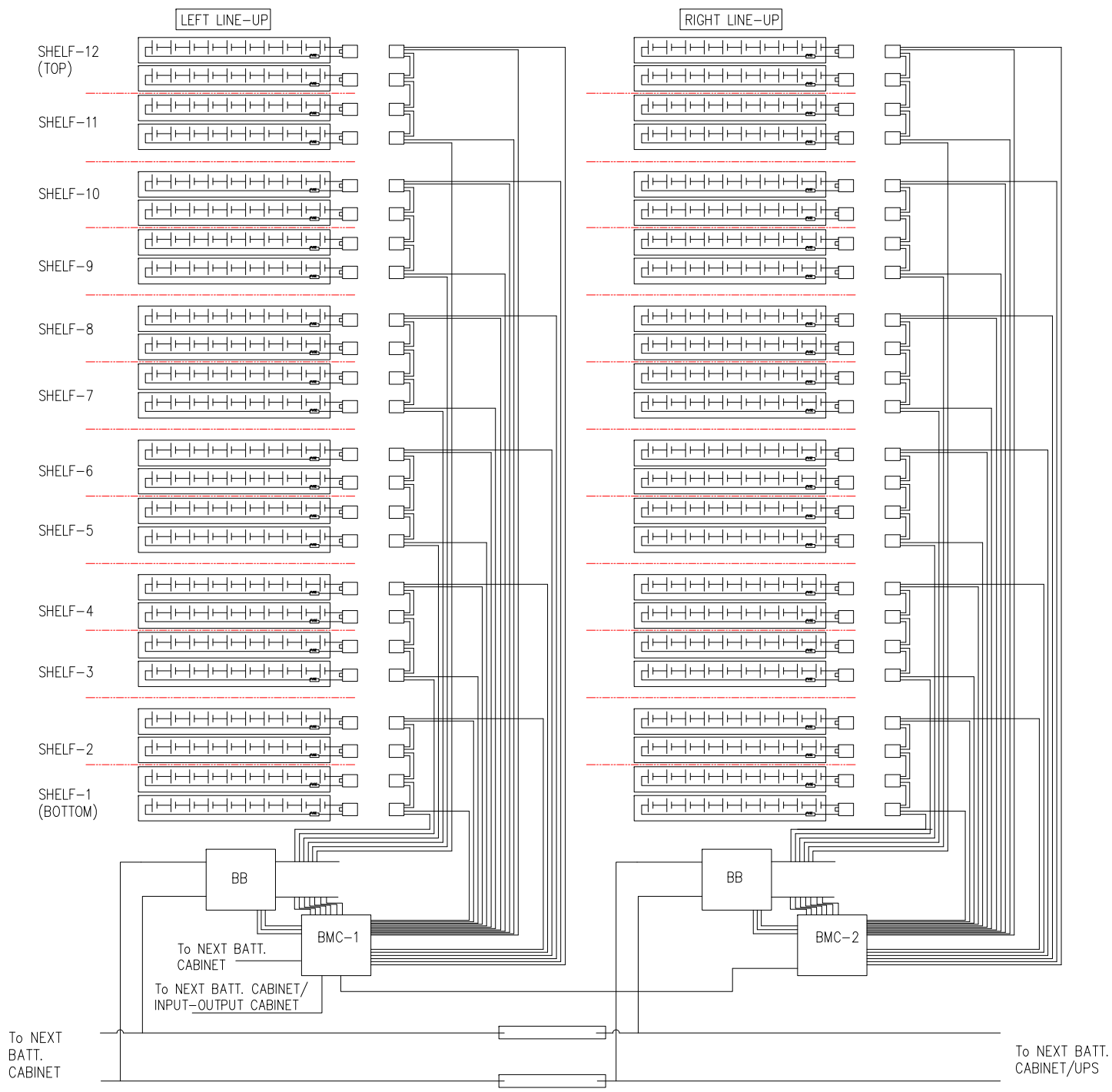
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TITLE:
Galaxy VM
MODULAR BATTERY CABINET - WIDE
BATTERY MONITOR CONTROLLER

PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 7

DWG NO:	GVMMODBCW		REV:	3
DRAWN BY:	JAYAPRAKASH	31-AUG-18	THIRD	
ENGINEER:	J VANGSGAARD/Z WILLIAM	31-AUG-18	ANGLE	
APPROVED BY:	M PAULSEN	31-AUG-18	PROJECTION	



- 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.

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TITLE: Galaxy VM MODULAR BATTERY CABINET - WIDE CABLING DIAGRAM
PROJECT: SUBMITTAL DRAWINGS **SHEET 6 OF 7**

DWG NO: GVMMODBCW	REV: 3
DRAWN BY: JAYAPRAKASH	31-AUG-18
ENGINEER: J VANGSGAARD/Z WILLIAM	31-AUG-18
APPROVED BY: M PAULSEN	31-AUG-18
	ANGLE PROJECTION
	N.A.

MODULAR BATTERY CABINET RUNTIME CHART TYPICAL

(Battery Strings are not part of the battery cabinet SKUs "GVMMODBCW, GVMMODBCN", can be ordered separately)

Legend :-,

UPS Rating in kVA	6.7min	← Runtime in Minutes
	10	← No. of String (SKU: GVMMBTU)
160	1W	← Type of Battery Cabinet

1N = 1 Narrow Battery Cabinet : SKU no. GVMMODBCN

1W = 1 Wide Battery Cabinet : SKU no. GVMMODBCW

UPS Rating in kVA	6.7min	7.8 min	8.8 min	9.9 min	11 min	12 min	13 min	14.5 min	15.5 min	22.5 min	30 min	38 min	46 min	54 min	62.5 min	71 min	79.5 min	88.5 min	97.5 min	105 min	115 min	125 min
160	10	11	12	13	14	15	16	17	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	1W	1W	1W	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	2W	2W+1N	3W	3W+1N	4W	4W+1N	5W	5W+1N	6W	6W+1N	7W	7W+1N	8W

UPS Rating in kVA	7.4min	8.3 min	9.3 min	10 min	11 min	12 min	13 min	19.5 min	26 min	32.5 min	39.5 min	46.5 min	54 min	61 min	69 min	76.5 min	84.5 min	92 min	100 min	105 min
180	12	13	14	15	16	17	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	1W	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	2W	2W+1N	3W	3W+1N	4W	4W+1N	5W	5W+1N	6W	6W+1N	7W	7W+1N	8W

UPS Rating in kVA	7.1min	7.9min	8.8min	9.7min	10.5min	11.5min	17min	22.5min	28.5min	34.5min	41min	47.5min	54min	60.5min	67.5min	74min	81min	88min	95.5min
200	13	14	15	16	17	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	2W	2W+1N	3W	3W+1N	4W	4W+1N	5W	5W+1N	6W	6W+1N	7W	7W+1N	8W

UPS Rating in kVA	6.6min	7.3min	8.1 min	8.9min	9.7 min	14.5 min	19.5 min	24.5 min	30 min	35.5 min	41 min	46.5 min	52.5 min	58 min	64 min	70 min	77.5 min	82.5 min
225	14	15	16	17	18	24	30	36	42	48	54	60	66	72	78	84	90	96
	1W+1N	1W+1N	1W+1N	1W+1N	1W+1N	2W	2W+1N	3W	3W+1N	4W	4W+1N	5W	5W+1N	6W	6W+1N	7W	7W+1N	8W

- Note:
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. Battery runtimes are theoretical and calculated based on data provided by battery manufacturer, assuming optimum environment and load conditions.
 4. For intermediary runtime details , contact Schneider Electric.

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TITLE: Galaxy VM MODULAR BATTERY CABINET - WIDE RUNTIME CHART		DWG NO: GVMMODBCW	REV. 3
PROJECT: SUBMITTAL DRAWINGS	SHEET 7 OF 7	DRAWN BY: JAYAPRAKASH	31-AUG-18
		ENGINEER: J VANGSGAARD/Z WILLIAM	31-AUG-18
		APPROVED BY: M PAULSEN	31-AUG-18
			THIRD ANGLE PROJECTION