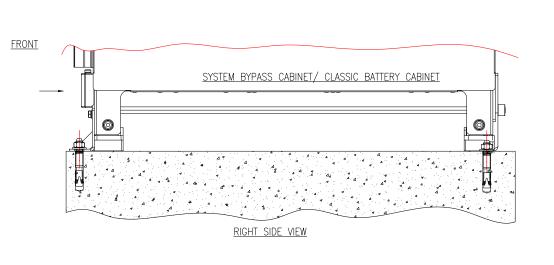
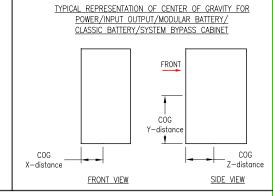


Applicable SKU		WEIGHT in	CENTER OF GRAVITY Center of Gravity in Inches [mm]				
Numbers	Cabinet						
		lb/kg	X-Distance	Y-Distance	Z-Distance		
GVMSB160KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVISB 100KG03S	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMSB180KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVISB 100KG033	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMSB225KG65S	Power Cabinet	1087 / 494	11.81[300]	37.40[950]	14.92[379]		
GVIVISB223NG03S	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMPB160KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVIPB 100KG033	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMPB180KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVIPB 100KG033	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMPB225KG65S	Power Cabinet	1087 / 494	11.81[300]	37.40[950]	14.92[379]		
GVIVIPBZZONGOOS	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMRB160KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVINB IOUNG035	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
GVMRB180KG65S	Power Cabinet	1032 / 469	11.81 [300]	37.40 [950]	14.92 [379]		
GVIVIRD 100KG03S	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		
CVIMPROSEKOSES	Power Cabinet	1087 / 494	11.81[300]	37.40[950]	14.92[379]		
GVMRB225KG65S	I/O Cabinet	463 / 210	7.48 [190]	33.46 [850]	9.02 [229]		



Applicable SKU Numbers	Cabinet	WEIGHT in	CENTER OF GRAVITY Center of Gravity in Inches [mm]				
		100000000000000000000000000000000000000					
		lb/kg	X-Distance	Y-Distance	Z-Distance		
GVMCBCWUE / GVMCBC2WUE/ GVMCBC2WUF/ GVMCBC3WUF		3995 / 1816			15.75 [400] (each cabinet)		
		7997 / 3635	17.71 [450] (each cabinet)	39.37 [1000]			
		6378 / 2899		(each cabinet)			
		9579 / 4354		JAN DICE BOOK BOUNE PE			
GVMSBC4	50KG/	1069 / 485	29.65 [753]	35.83 [910]	11.61 [295]		
GVMSBC	675KG	1113 / 505	29.65 [753]	36.53 [905]	12.01 [305]		
GVMSBCLE	3675KG	1290 / 585	38.39 [975]	35.43 [900]	12.01 [305]		



Vertical

ARIG*

0.48

0.66

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. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING
 - 1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"...
- 7. TESTED TO ICC ES AC156 WITH LEVEL2 PARAMETERS FROM TABLE-1.
- 8. FLOOR/WALL ANCHORING BOLTS ARE NOT SUPPLIED.
- △ 9. MODULAR BATTERY CABINETS REQUIRE TOP ANCHORING ABOVE LEVEL-1.

 △ 10. FOR NUMBER OF STRINGS CORRESPONDING TO VARIOUS RUNTIMES

 REFER TO SUBMITTAL DRAWINGS GVMMODBCW / GVMMODBCN.

 Output

 Description

 REFER TO SUBMITTAL DRAWINGS GVMMODBCW / GVMMODBCN.

 Output

 Description

 Descript
- △11. THIS INFORMATION PROVIDES CONSERVATIVE CENTER OF GRAVITY
 CALCULATION.

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2.46

SDS (g) *

Horizontal Vertical

Criteria

Level 1

	TITLE: Galaxy VM	
	PRODUCTS TYPICAL INSTALLATION	DETAILS
•	FOR SEISMIC ANCHORING	
	TYPICAL INSTALLTION-1	

PROJECT: DRAWINGS SHEET 1 0F 9

Table-1

AFLEX/ARIG

1.33

AFLEX*

1.19

1.64

Horizontal

1.5

2.14

ARIG*

Equipment is qualified for SDS & z/h values shown. Qualification may be valid for higher SDS where z/h <1.0

AFLEX*

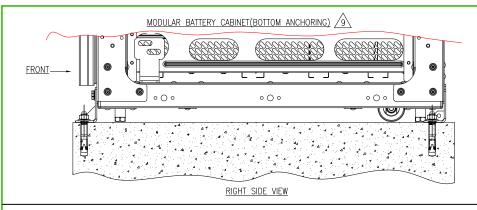
2.85

DWG NO: GVN	REV.		
DRAWN BY:	K.NAGENDRA	09-JUN-15	THIRD
ENGINEER: C	ANDERSEN/Z WILLIAM	09-JUN-15	ANGLE
APPROVED BY:	B SHERIDAN	09-JUN-15	PROJECTION

AFLEX/ARIG

1.5

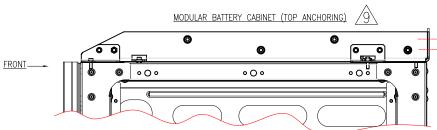
1.5

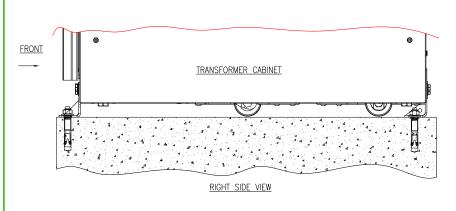




Applicable SKU Numbers	WEIGHT:	CENTER OF GRAVITY Center of Gravity in Inches [mm]					
	WEIGHT in						
	lb/kg	X-Distance	Y-Distance	Z-Distance			
GVMMODBCN	306 / 139	7.24 [184]	39.37 [1000]	15.75 [400]			
GVMMODBCW	462 /210	13.74 [349]	39.37 [1000]	15.75 [400]			
GVMMBTU	66 / 30						

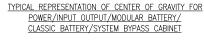
10\ 1 STRING = (4)GVMMBTU

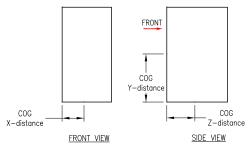






Applicable SKU Numbers	WEIGHT:	CE	NTER OF GRAV	'ITY		
	WEIGHT in lb/kg	Center of Gravity in Inches [mm]				
		X-Distance	Y-Distance	Z-Distance		
GVMTF22KGF	2640[1200]	15.78 [401]	24.4 [620]	20.86 [530]		





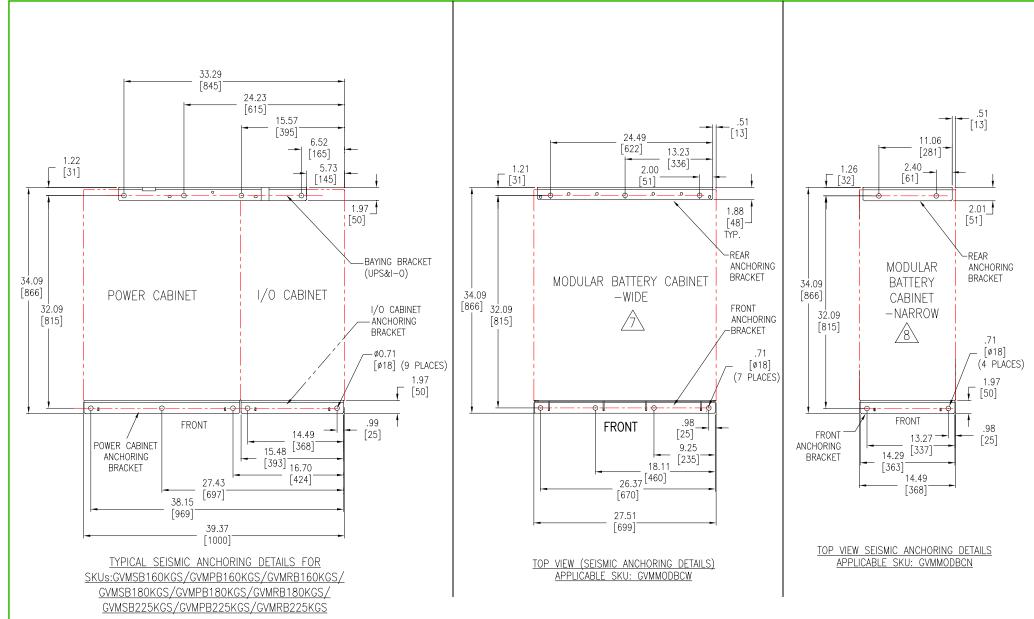
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- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING
 - 1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"...
- 7. TESTED TO ICC ES AC156 WITH LEVEL2 PARAMETERS FROM TABLE-1.
- 8. FLOOR/WALL ANCHORING BOLTS ARE NOT SUPPLIED.
- riangle 9. MODULAR BATTERY CABINETS REQUIRE TOP ANCHORING ABOVE LEVEL-1. △10. FOR NUMBER OF STRINGS CORRESPONDING TO VARIOUS RUNTIMES
- REFER TO SUBMITTAL DRAWINGS GVMMODBCW / GVMMODBCN. △11. THIS INFORMATION PROVIDES CONSERVATIVE CENTER OF GRAVITY CALCULATION.
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Test SDS (g Criteria Horizontal)	(g) *	-/-* Horizontal		tal	Vertical					
	Horizontal	Vertical	z/h*	AFLEX*	ARIG*	AFLEX/ARIG	AFLEX*	ARIG*	AFLEX/ARIG	IΡ
Level 1	1.25	1.78	1	2	1.5	1.33	1.19	0.48	2.5	1.5
Level 2	1.78	2.46	1	2.85	2.14	1.33	1.64	0.66	2.5	1.5



	TITLE: Galaxy VM	
	PRODUCTS TYPICAL IŃSTALLAT	
•	FOR SEISMIC ANCHOR	RING
	TYPICAL INSTALLTION—2)

TITLE: Galaxy VM PRODUCTS TYPICAL INSTALLATION		DWG NO: GVM65KANCHORING—SA REV. O					
FOR SEISMIC ANCHORING TYPICAL INSTALLTION-2	DRAWN B	Y: K.NA	GENDRA	09-JUN-15	THIRD		
	ENGINEER	: C ANDERSEN	I/Z WILLIAM	09-JUN-15	ANGLE		
PROJECT: DRAWINGS SHE	T 2 OF 9 APPROVE	D BY: B S	SHERIDAN	09-JUN-15	PROJECTION		

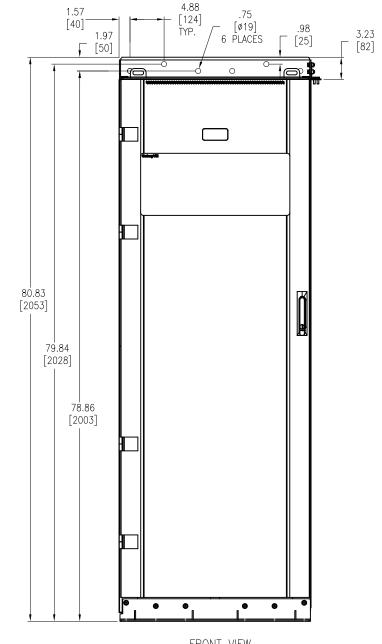


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- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
- 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING
 - 1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71" ..
- ∧7. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1. (1.25q<SDS<1.78q) ADDITIONAL TOP ANCHORING IS REQUIRED. KIT:- GVML2MBCW-KIT.
- △8. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1. (1.25g<SDS<1.78g) ADDITIONAL TOP ANCHORING IS REQUIRED. KIT:- GVML2MBCN-KIT.



IIILE:	Galaxy VM	
	ANCHORING DIMENSIONAL DETAILS	
	FOR SEISMIC ANCHORING	
	UPS AND MODULAR BATTERY CABINETS	

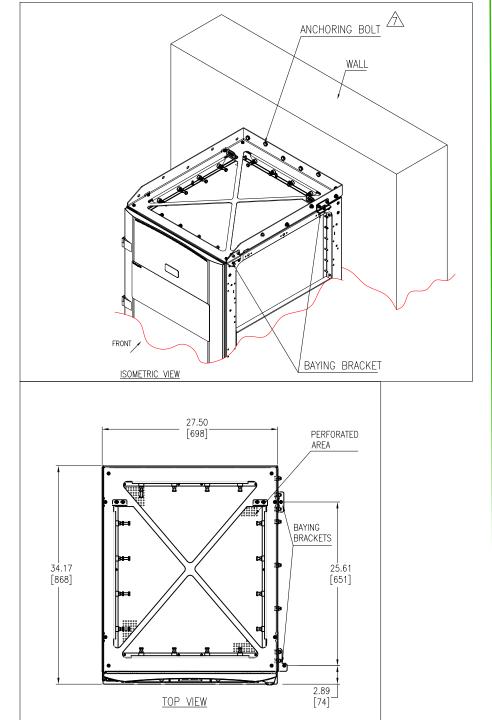
TITLE: Galaxy VM ANCHORING DIMENSIONAL DETAILS	DWG NO:	DWG NO: GVM65KANCHORING—SA REV. 1					
FOR SEISMIC ANCHORING UPS AND MODULAR BATTERY CABINETS	DRAWN E	Y: K.I	NAGENDRA	04-JUL-18	THIRD		
	ENGINEER	: C ANDERS	SEN/Z WILLIAM	04-JUL-18	ANGLE		
PROJECT: DRAWINGS SHEET 3	OF 9 APPROVE	D BY: B	SHERIDAN	04-JUL-18	PROJECTION		



FRONT VIEW

- 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. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1. (1.25g<SDS<1.78g) ADDITIONAL TOP ANCHORING IS REQUIRED. KIT:- GVML2MBCW-KIT.
- △ 7. CABINET WERE SEISMIC TESTED USING 1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"

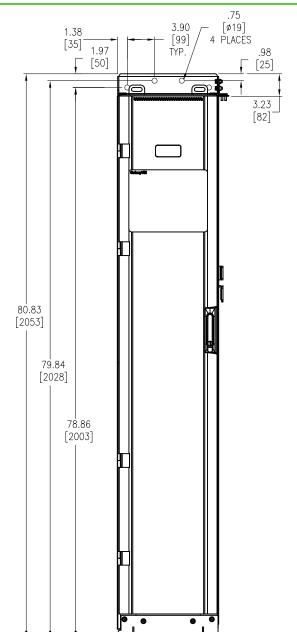
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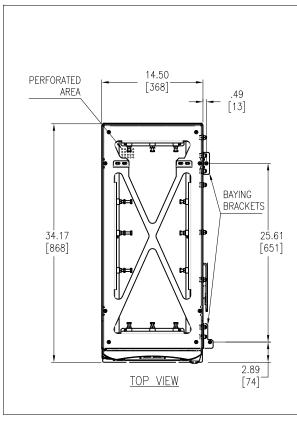


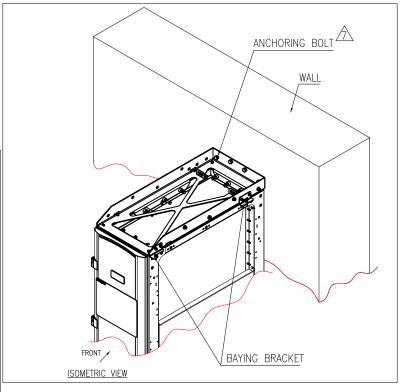
Schneider Electric

LE: Galaxy VM
ANCHORING DIMENSIONAL DETAILS
FOR SEISMIC ANCHORING
WIDE MODULAR BATTERY CABINET—TOP ANCHORING

TREV. GVM65KANCHORING-SA DRAWN BY: K.NAGENDRA 09-JUN-15 THIRD ENGINEER: C ANDERSEN/Z WILLIAM 09-JUN-15 ANGLE PROJECT: DRAWINGS SHEET 4 OF 9 APPROVED BY: B SHERIDAN 09-JUN-15 PROJECTION







FRONT VIEW

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. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.

5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.

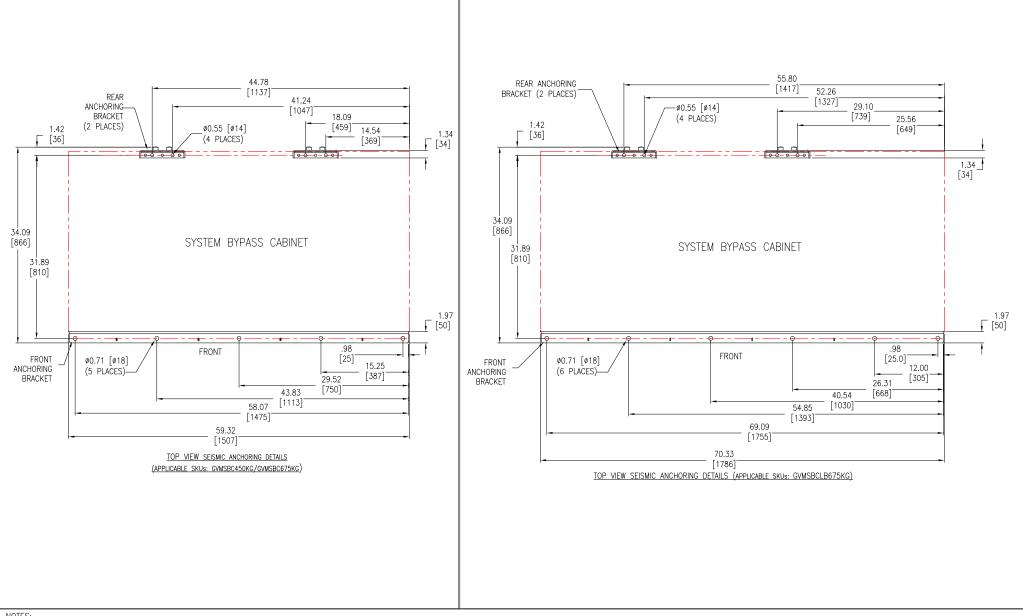
6. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1. (1.25g<SDS<1.78g) ADDITIONAL TOP ANCHORING IS REQUIRED. KIT:- GVML2MBCN-KIT.

△7. CABINET WERE SEISMIC TESTED USING 1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"



ITLE:			(Galax	/ VM			
	ANG		1G [)IMEN	SIONAL			
					ANCHO			
NAR	ROW	MODULA	VR BA	ATTERY	CABINET	-TOP	ANCHORING	

ANCHORING DIMENSIONAL DETAILS FOR SEISMIC ANCHORING NARROW MODULAR BATTERY CABINET—TOP ANCHORING		DWG NO: GVM65KANCHORING—SA REV. O				
		DRAWN BY:	K.N	IAGENDRA	09-JUN-15	THIRD
		ENGINEER:	C ANDERS	EN/Z WILLIAM	09-JUN-15	ANGLE
PROJECT: DRAWINGS	SHEET 5 OF 9	APPROVED	BY: B	SHERIDAN	09-JUN-15	PROJECTION



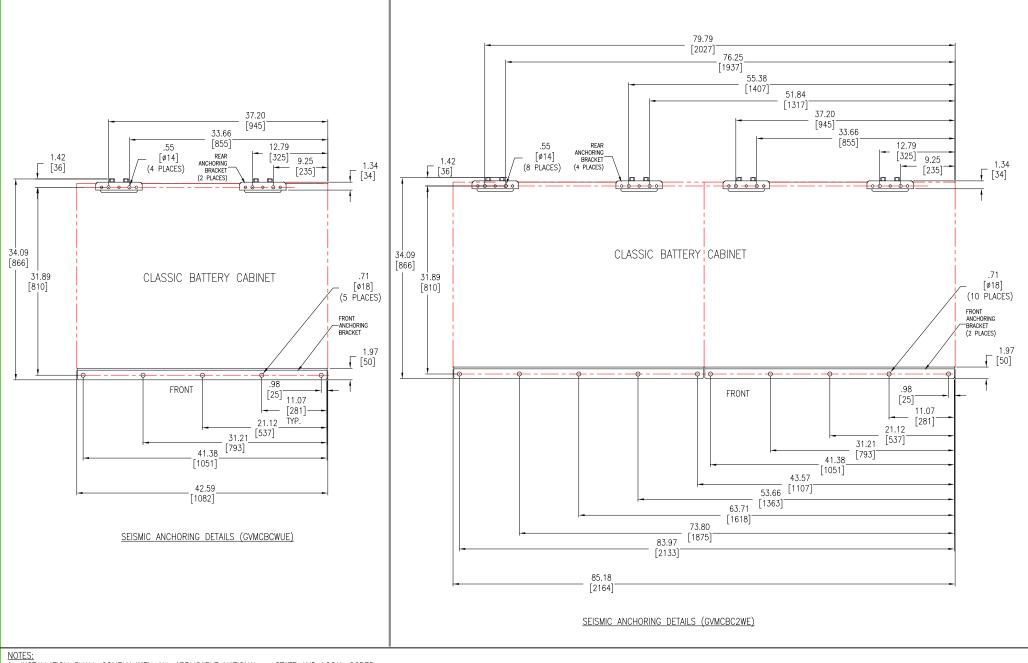
- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING

1/2" GRADE 5 BOLTS TORQUED TO 65ft-Ibs FOR AN ANCHORING HOLE OF DIA 0.71" ..



IIILE:	Galaxy VM
	ANCHORING DIMENSIONAL DETAILS
	FOR SEISMIC ANCHORING
	SYSTEM BYPASS CABINET

ANCHORING DIMENSIONAL DETAILS FOR SEISMIC ANCHORING SYSTEM BYPASS CABINET		DWG NO: G	DWG NO: GVM65KANCHORING—SA				
		DRAWN BY:	K.NAGENDRA	09-JUN-15	THIRD		
		ENGINEER:	C ANDERSEN/Z WILLIAM	09-JUN-15	ANGLE		
PROJECT: DRAWING	GS SHEET 6 OF 9	APPROVED B	Y: M DESHPANDE	09-JUN-15	PROJECTION		



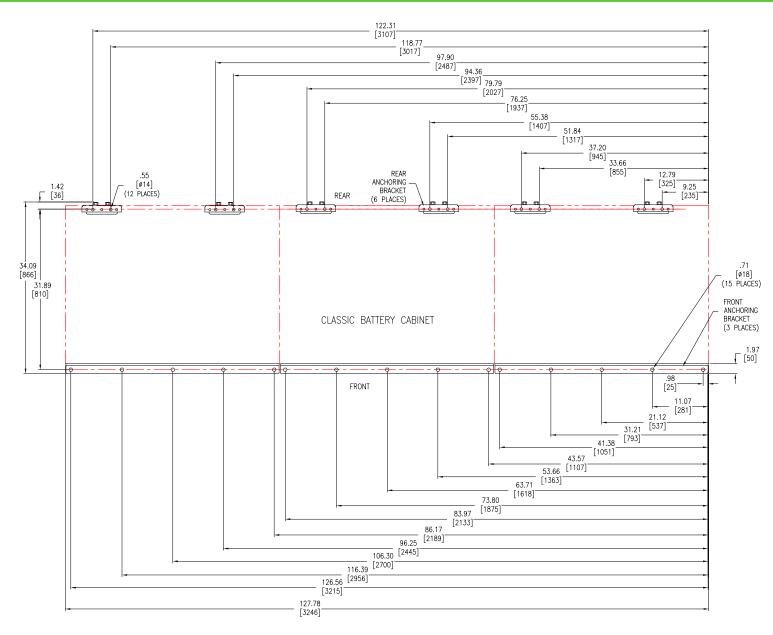
- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING

1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"..



IIILE:	Galaxy VM
	ANCHORING DIMENSIONAL DETAILS
	FOR SEISMIC ANCHORING
	CLASSIC BATTERY CABINETS-1

ANCHORING DIMENSIONAL DETAILS		DWG NO: GVM6	REV.			
FOR SEISMIC ANCHORING CLASSIC BATTERY CABINETS—1			DRAWN BY:	K.NAGENDRA	09-JUN-15	THIRD
33333 32 3.52.3			ENGINEER: C AND	ERSEN/Z WILLIAM	09-JUN-15	ANGLE
	PROJECT: DRAWINGS	SHEET 7 OF 9	APPROVED BY: M	DESHPANDE	09-JUN-15	PROJECTION



SEISMIC ANCHORING DETAILS (GVMCBC3WUF)

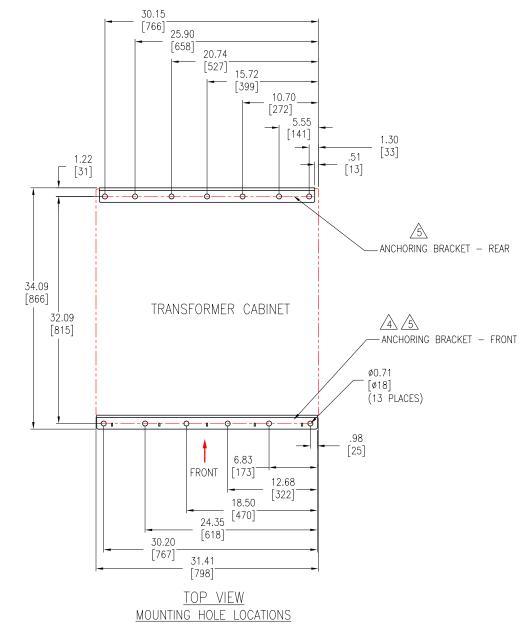
- 1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
- 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
- 5. SCHNEIDER ELECTRIC DOES NOT UNDERTAKE RESPONSIBILITY FOR THE LAYOUT OR CONSTRUCTION OF THE FLOOR.
- 6. CABINETS WERE SEISMIC TESTED USING

1/2" GRADE 5 BOLTS TORQUED TO 65ft-lbs FOR AN ANCHORING HOLE OF DIA 0.71"..



IITLE:	ANCHORING DIMENSIONAL DETAILS	DWG
	FOR SEISMIC ANCHORING CLASSIC BATTERY CABINETS—2	DRA
		ENG

DWG NO: GVN	165KANCH	ORING-SA	REV.
DRAWN BY:	K.NAGENDRA	09-JUN-15	THIRD
ENGINEER: C A	NDERSEN/Z WILLIAM	09-JUN-15	angle
APPROVED BY:	M DESHPANDE	09-JUN-15	PROJECTION



FOR ANCHORING BRACKETS

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 INSTRUCTIONS IN GVM65KANCHORING-SA DRAWING.

FLOOR ANCHORING BOLTS ARE NOT SUPPLIED.

6. FOR INSTALLATION ON RAISED FLOOR, FOLLOW THE INSTRUCTIONS IN GVMANCHORING-RF DRAWING.

7. REAR ANCHORING BRACKET MUST BE BOLTED TO THE FLOOR.



IIILE:	Galaxy VM
	ANCHORING DIMENSIONAL DETAILS
	FOR SEISMIC ANCHORING
	TRANSFORMER CABINET—ANCHORING

ANCHORING DIMENSIONAL DETAILS FOR SEISMIC ANCHORING TRANSFORMER CABINET—ANCHORING		DWG NO: (REV.				
		DRAWN BY:		K.NAGENDRA	09-JUN-15	THIRD	
		ENGINEER:	C AND	ERSEN/Z WILLIAM	09-JUN-15	ANGLE	
ĺ	PROJECT: DRAWINGS	SHEET 9 OF 9	APPROVED	BY: M	DESHPANDE	09-JUN-15	PROJECTION