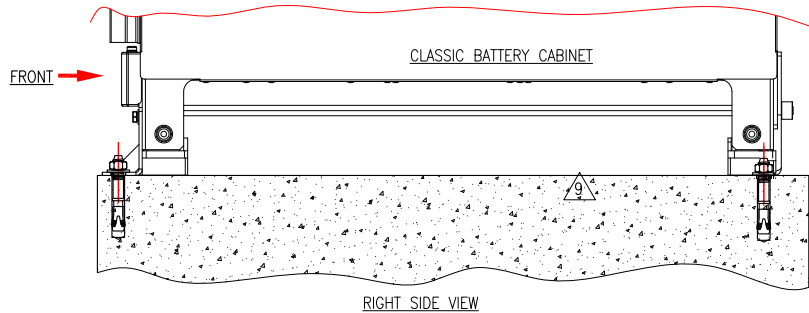
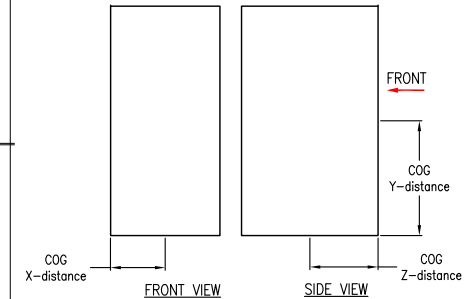


SKU Numbers	Cabinet	WEIGHT in kg/lb	CENTER OF GRAVITY		
			Center of Gravity in mm [Inches]		
			X-Distance	Y-Distance	Z-Distance
GVMSB160KHS	I/O Cabinet	230 / 506	200 [7.87]	800 [31.49]	300 [11.81]
	Power Cabinet	469 / 1032	300 [11.81]	950 [37.40]	379 [14.92]
GVMPB160KHS	I/O Cabinet	230 / 506	180 [7.08]	870 [34.25]	320 [12.6]
	Power Cabinet	469 / 1032	300 [11.81]	950 [37.40]	379 [14.92]
GVMSB200KHS	I/O Cabinet	230 / 506	200 [7.87]	800 [31.49]	300 [11.81]
	Power Cabinet	494 / 1087	300 [11.81]	950 [37.40]	379 [14.92]
GVMPB200KHS	I/O Cabinet	230 / 506	180 [7.08]	870 [34.25]	320 [12.6]
	Power Cabinet	494 / 1087	300 [11.81]	950 [37.40]	379 [14.92]



SKU Numbers	WEIGHT in kg/lb	CENTER OF GRAVITY		
		Center of Gravity in mm [Inches]		
		X-Distance	Y-Distance	Z-Distance
GVMCBCABNE	252 / 554	402 [15.83]	1000 [39.37]	387 [15.24]
GVMCBCABWE	303 / 667	482 [18.98]	1000 [39.37]	387 [15.24]
GVMCBC2NEC	2399 / 5278	330 [12.99]	1000 [39.37]	400 [15.75]
GVMCBC2WEC	3314 / 7291	450 [17.71]	1000 [39.37]	400 [15.75]
GVMCBC2WED	3314 / 7291			
GVMCBC3WEC	4934 / 10855			
GVMCBC3WED	4960 / 10935			
GVMCBCWEA	1662 / 3656			
GVMCBC2WAC	3196 / 7031			
GVMCBC2WAD	2604 / 5729			
GVMCBC2WAE	2892 / 6362			
GVMCBCWAC	1598 / 3516			

TYPICAL REPRESENTATION OF CENTER OF GRAVITY FOR
POWER/INPUT OUTPUT/MODULAR BATTERY/
CLASSIC BATTERY/EMPTY BATTERY CABINETS



- 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].
 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
M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR
AN ANCHORING HOLE OF DIA 18mm.
 7. TESTED TO ICC ES AC156 WITH LEVEL2 PARAMETERS FROM TABLE-1.
 8. FLOOR 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.
 11. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY
CALCULATION.

Table-1									
Test Criteria	SDS (g) *		z/h*	Horizontal			Vertical		
	Horizontal	Vertical		AFLEX*	ARIG*	AFLEX/ARIG	AFLEX*	ARIG*	AFLEX/ARIG
Level 1	1.25	1.78	1	2	1.5	1.33	1.19	0.48	2.5
Level 2	1.78	2.46	1	2.85	2.14	1.33	1.64	0.66	2.5

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

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Schneider Electric

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

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 8

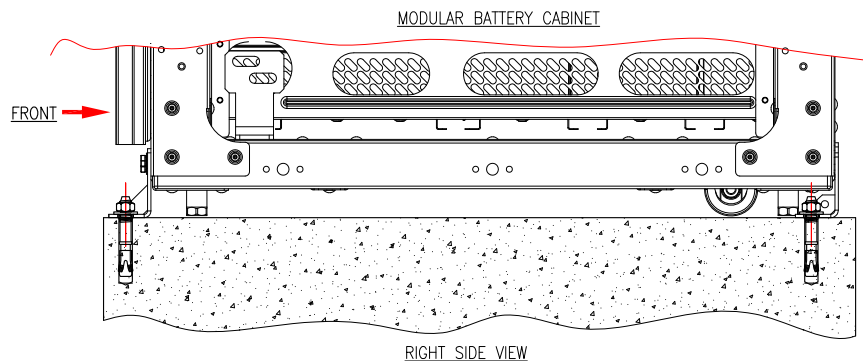
DWG NO: GVMANCHORING-SA-IEC

DRAWN: BALAMURUGAN/KN 09-JUN-15

ENGINEER: C.G/S.M/H.D/LS/M.G/M.W 09-JUN-15

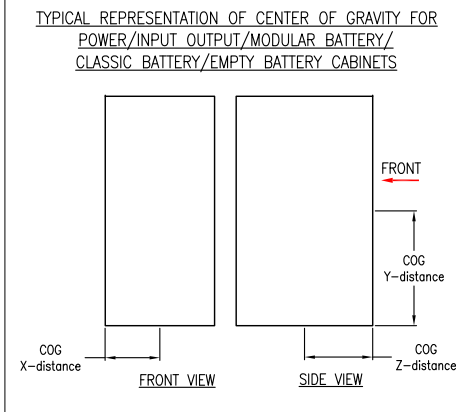
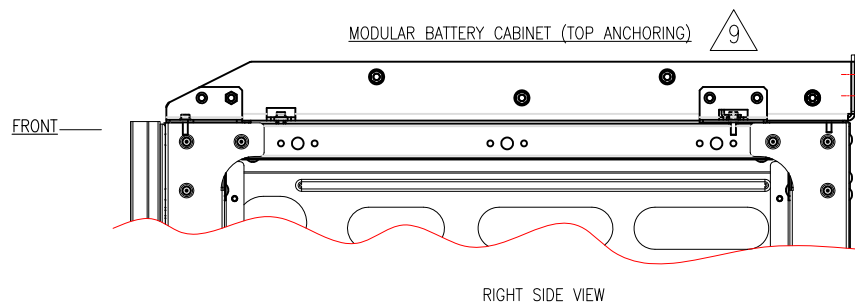
APPROVED: B.H/W.Z/M.P/C.A/T.A 09-JUN-15

REV. 2
FIRST ANGLE
PROJECTION



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

Modular battery cartridge
GVMMBTU = 4 x 0G-GVMBTU = 1 String $\Delta 9$
Weight of GVMMBTU = 4 x 30 = 120kg



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 11. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY
CALCULATION.

Table-1										
Test Criteria	Sds (g) *		z/h *	Horizontal			Vertical			Ip
	Horizontal	Vertical		AFLEX*	ARIG*	AFLEX/ARIG	AFLEX*	ARIG*	AFLEX/ARIG	
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

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

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Schneider Electric

TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
TYPICAL INSTALLATION-2

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 8

DWG NO: GVMANCHORING-SA-IEC

DRAWN: BALAMURUGAN/KN 09-JUN-15

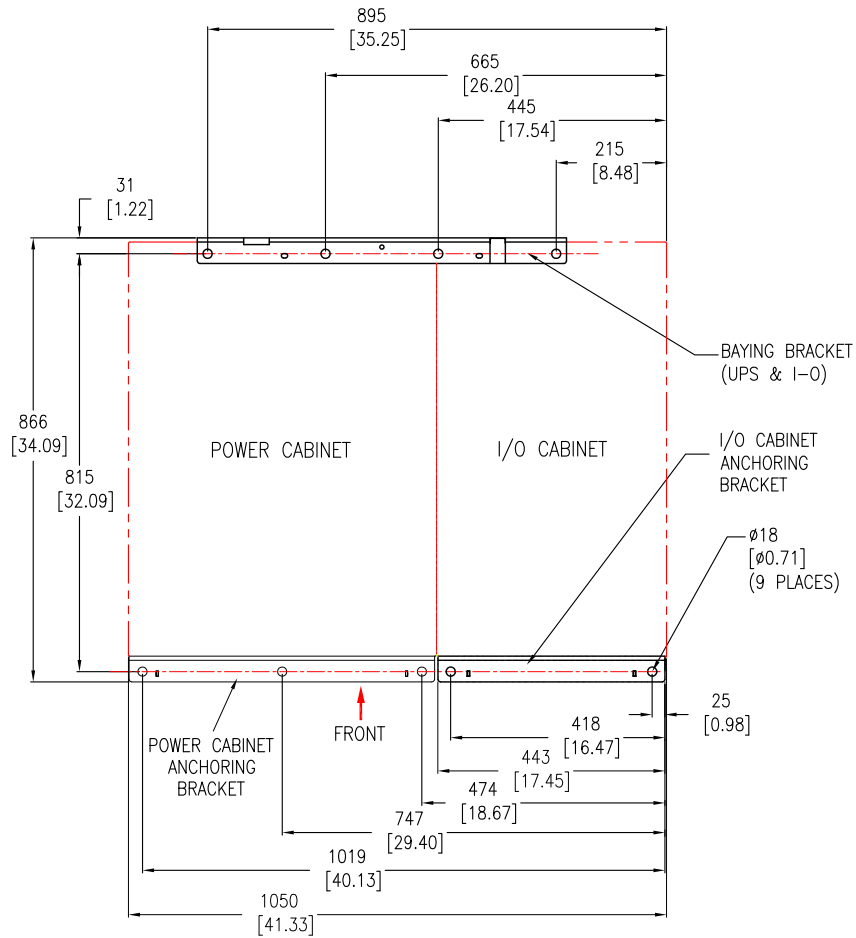
ENGINEER: C.G/S.M/H.D/LS/M.G/M.W 09-JUN-15

APPROVED: B.H/W.Z/M.P/C.A/T.A 09-JUN-15

REV. 0

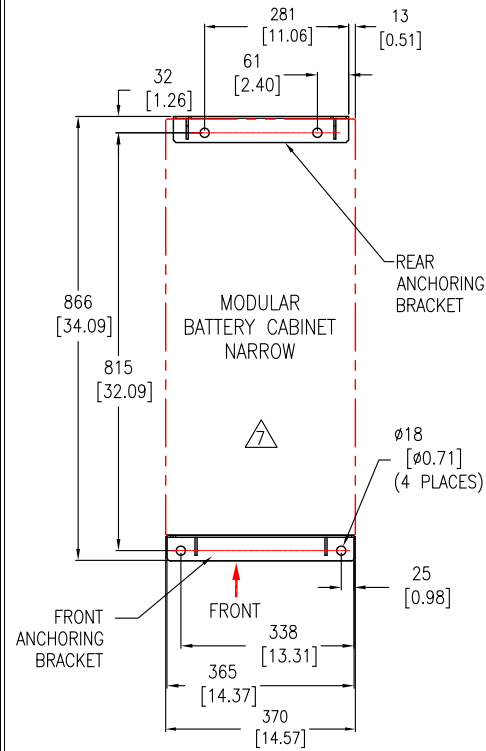
FIRST ANGLE PROJECTION

TYPICAL SEISMIC ANCHORING DETAILS



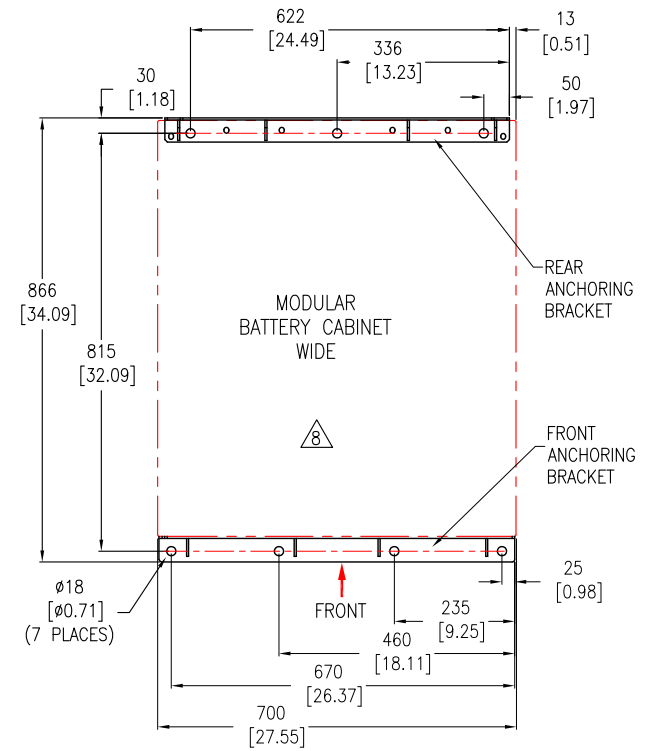
TOP VIEW

APPLICABLE SKUs: GVMSB160KHS/GVMPB160KHS
GVMSB200KHS/GVMPB200KHS



TOP VIEW

APPLICABLE SKU: GVMMDBCNS



TOP VIEW

APPLICABLE SKU: GVMMDBCWS

- NOTES:
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 3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
 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
M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.
 - △ 7. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1.
(1.25g<SDS<1.78g) 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.

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Schneider Electric

TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
UPS AND MODULAR BATTERY CABINETS

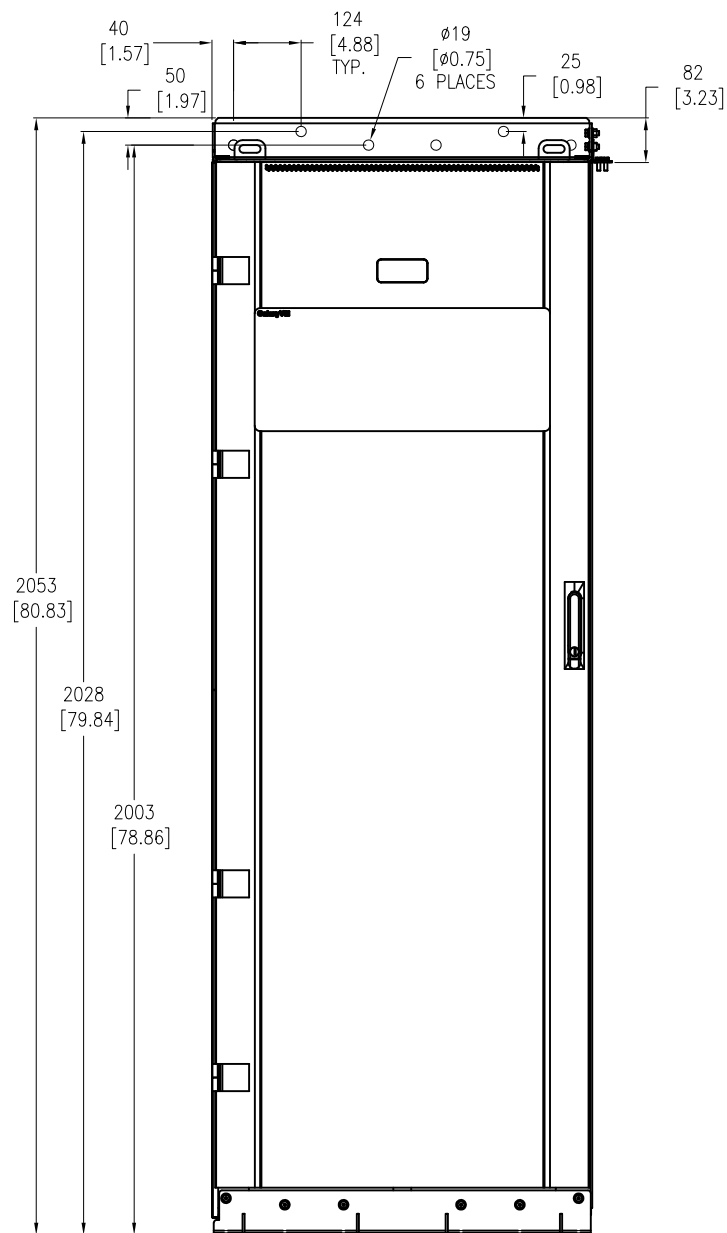
DWG NO: GVMANCHORING-SA-IEC
DRAWN: BALAMURUGAN/KN
ENGINEER: C.G/S.M/H.D/LS/M.G/M.W

REV. 2

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 8

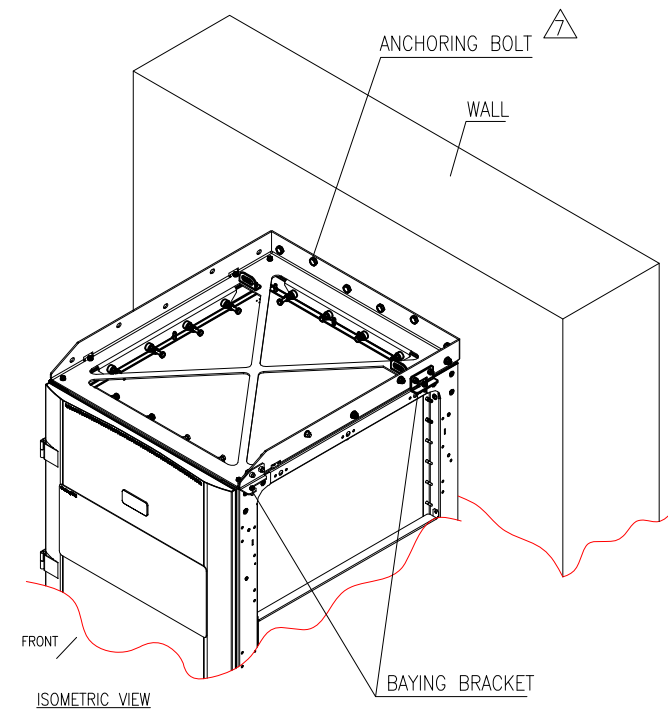
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09-JUN-15
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09-JUN-15
FIRST ANGLE PROJECTION

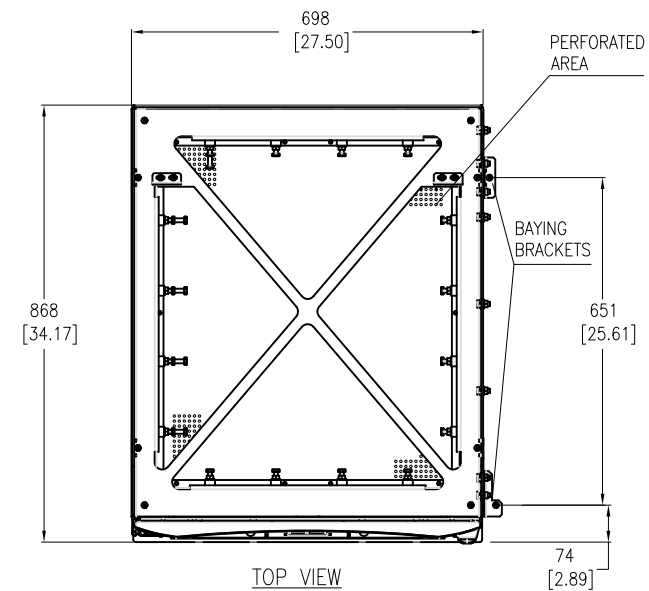


FRONT VIEW

- NOTES:
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 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
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 6. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1.
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- △7. CABINETS WERE SEISMIC TESTED USING
M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.



ISOMETRIC VIEW



TOP VIEW

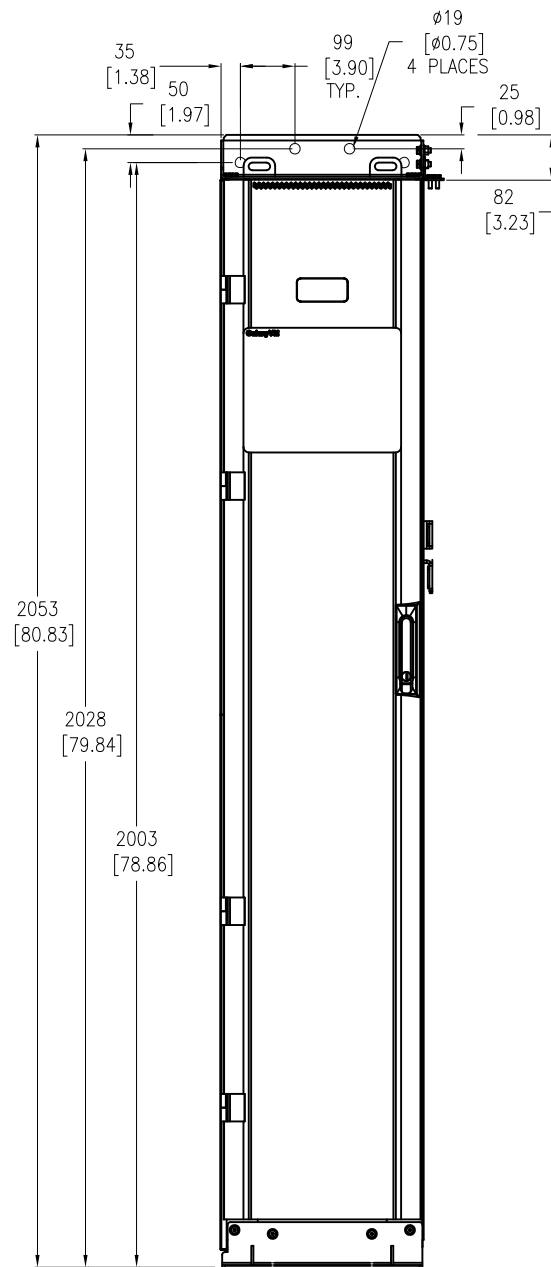
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TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
WIDE MODULAR BATT. CABINET-TOP ANCHORING

DWG NO: GVMANCHORING-SA-IEC
DRAWN: BALAMURUGAN/KN
ENGINEER: C.G/S.M/H.D/LS/M.G/M.W
APPROVED: B.H/W.Z/M.P/C.A/T.A

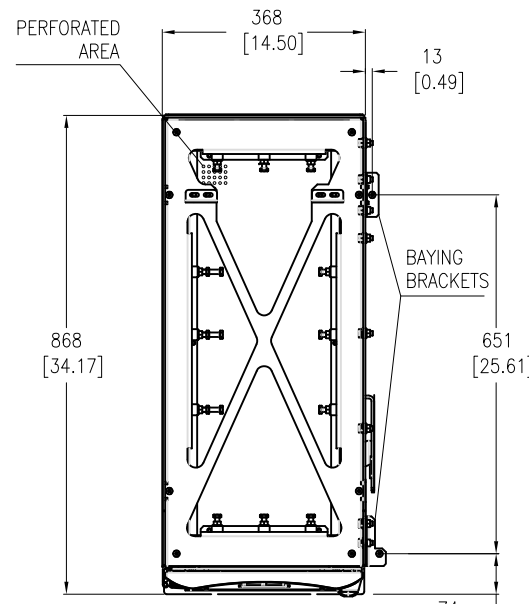
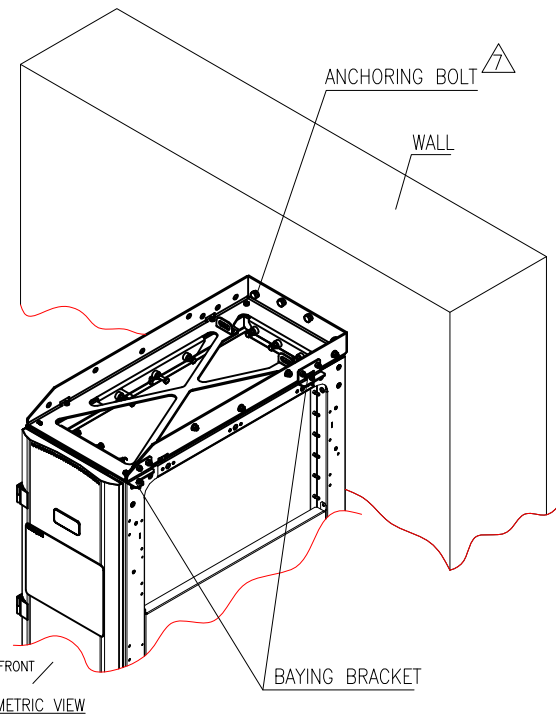
REV. 0
09-JUN-15
09-JUN-15
09-JUN-15
FIRST ANGLE PROJECTION



FRONT 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.
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 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.
 7. IN LOCATIONS WITH SEISMIC REQUIREMENTS ABOVE LEVEL-1.
- (1.25g<SDS<1.78g) ADDITIONAL TOP ANCHORING IS REQUIRED. KIT:- GVML2MBCN-KIT.
- △7. CABINETS WERE SEISMIC TESTED USING M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.

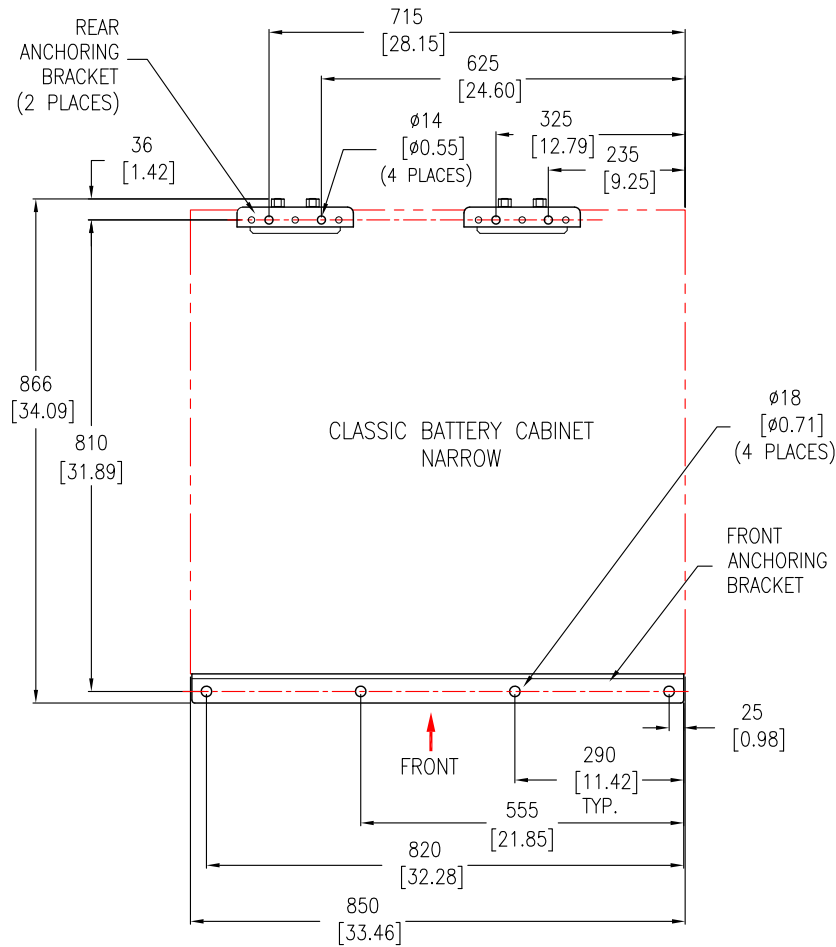
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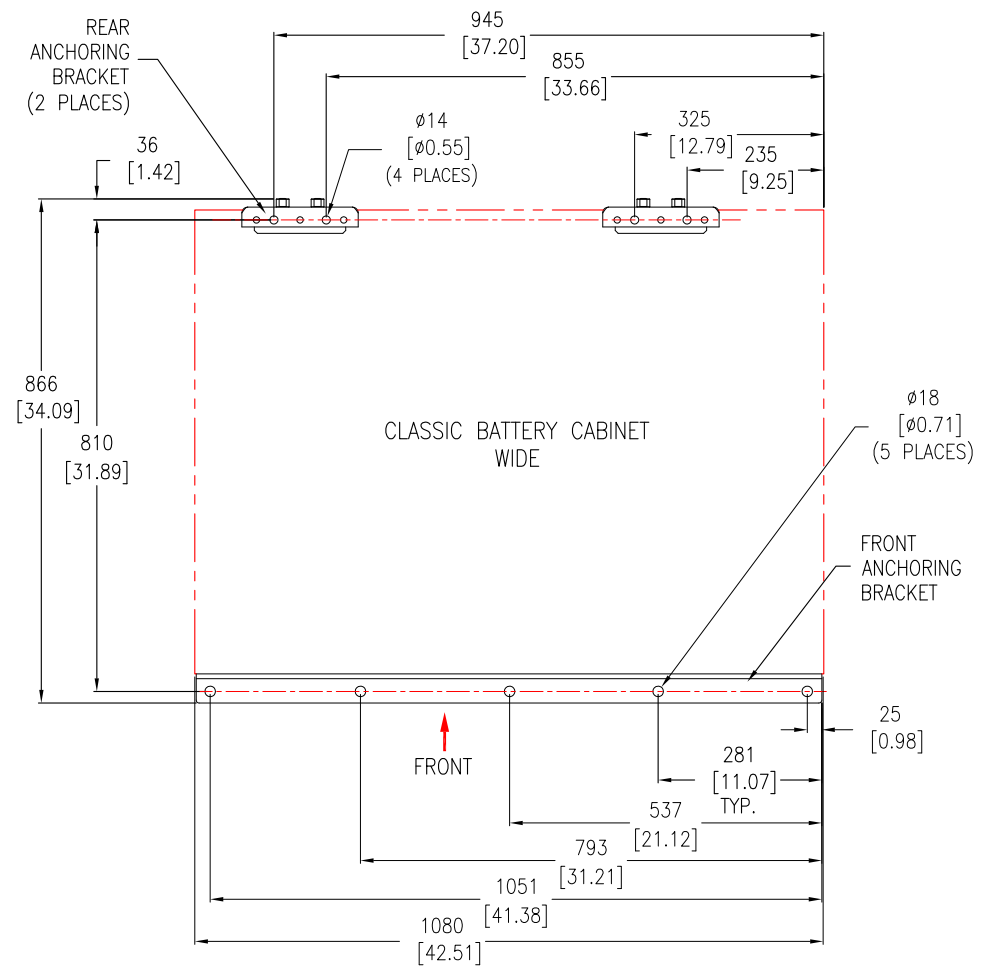
TOP VIEW

TITLE: Galaxy VM PRODUCTS TYPICAL INSTALLATION DETAILS FOR SEISMIC ANCHORING NARROW MOD. BATT. CABINETS-TOP ANCHORING		DWG NO: GVMANCHORING-SA-IEC		REV. 0
ENGINEER: C.G/S.M/H.D/L.S/M.G/M.W		DRAWN: BALAMURUGAN/KN		09-JUN-15
APPROVED B.H/W.Z/M.P/C.A/T.A		09-JUN-15		FIRST ANGLE PROJECTION
PROJECT: SUBMITTAL DRAWINGS		SHEET 5 OF 8		

TYPICAL SEISMIC ANCHORING DETAILS



TOP VIEW
APPLICABLE SKU: GVMCBCABNE



TOP VIEW
APPLICABLE SKUs: GVMCBCWEA/GVMCBCABWE/GVMCBCWAC

- NOTES:**
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 3. ALL DIMENSIONS ARE IN MILLIMETERS [INCHES].
 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 M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.

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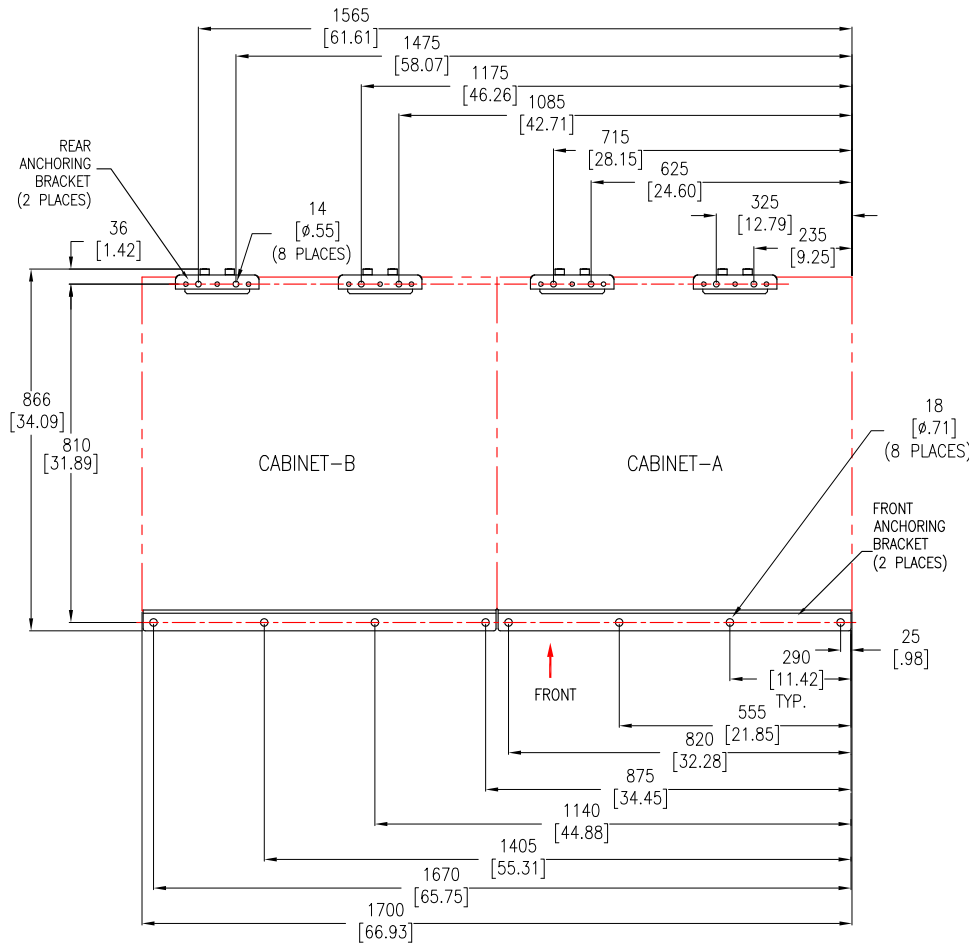
TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
CLASSIC BATTERY CABINETS-1

PROJECT: SUBMITTAL DRAWINGS SHEET 6 OF 8

DWG NO: GVMANCHORING-SA-IEC
DRAWN: BALAMURUGAN/KN
ENGINEER: C.G/S.M/H.D/LS/M.G/M.W
APPROVED: B.H/W.Z/M.P/C.A/T.A

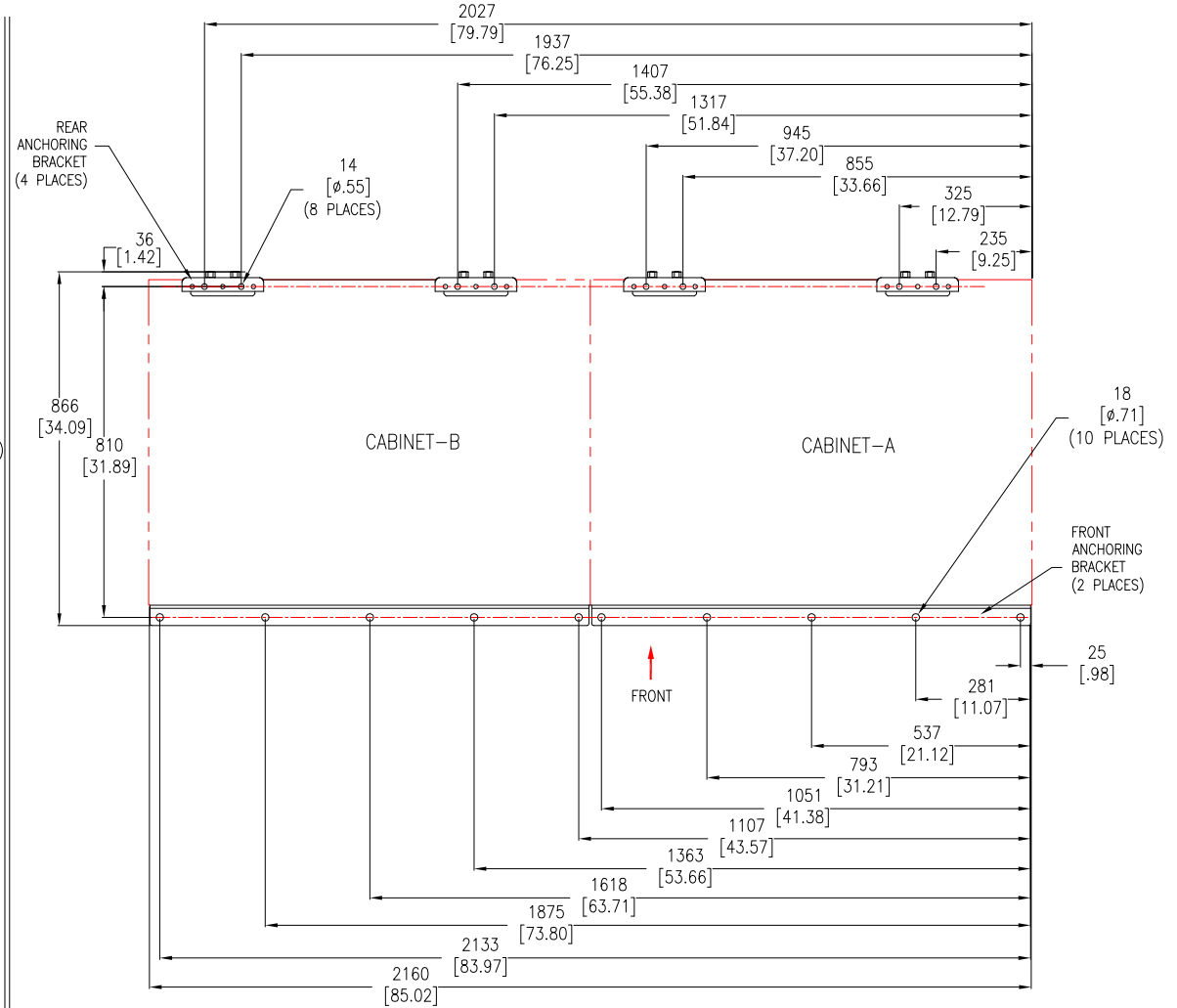
REV. 1
FIRST ANGLE PROJECTION

TYPICAL SEISMIC ANCHORING DETAILS



TOP VIEW-CLASSIC BATTERY CABINET
APPLICABLE SKU: GVMCBC2NEC

- 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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 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 M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.



TOP VIEW-CLASSIC BATTERY CABINET
APPLICABLE SKUs: GVMCBC2WEC/GVMCBC2WED/
GVMCBC2WAC/GVMCBC2WAD/GVMCBC2WAE

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Schneider Electric

TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
CLASSIC BATTERY CABINETS-2

PROJECT: SUBMITTAL DRAWINGS SHEET 7 OF 8

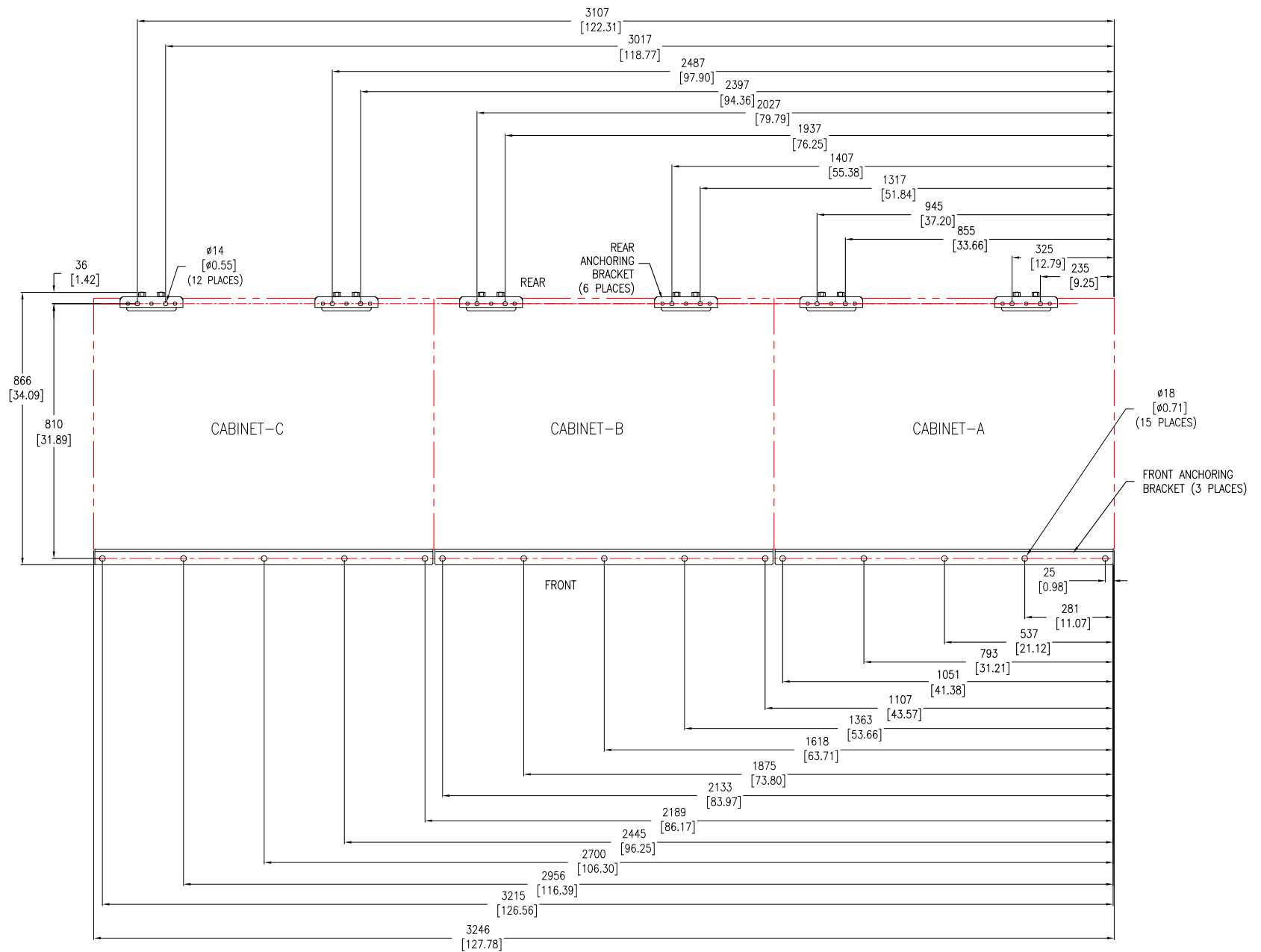
DWG NO: GVMANCHORING-SA-IEC

DRAWN: BALAMURUGAN/KN 09-JUN-15

ENGINEER: C.G/S.M/H.D/LS/M.G/M.W 09-JUN-15

APPROVED: B.H/W.Z/M.P/C.A/T.A 09-JUN-15

REV. 1
FIRST ANGLE PROJECTION



BASE TOP VIEW
MOUNTING HOLE LOCATIONS FOR ANCHORING BRACKETS

- 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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 4. SELECT APPROPRIATE HOLE PATTERN FOR EQUIPMENT REQUIRED.
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 6. CABINETS WERE SEISMIC TESTED USING M12 TYPE 8.8 BOLTS TORQUED TO 88Nm FOR AN ANCHORING HOLE OF DIA 18mm.

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Schneider Electric

TITLE: Galaxy VM
PRODUCTS TYPICAL INSTALLATION DETAILS
FOR SEISMIC ANCHORING
CLASSIC BATTERY CABINETS-3

PROJECT: SUBMITTAL DRAWINGS SHEET 8 OF 8

DWG NO: GVMANCHORING-SA-IEC
DRAWN: BALAMURUGAN/KN
ENGINEER: C.G/S.M/H.D/LS/M.G/M.W

APPROVED: B.H/W.Z/M.P/C.A/T.A

REV. 2
09-JUN-15
09-JUN-15
09-JUN-15
FIRST ANGLE PROJECTION