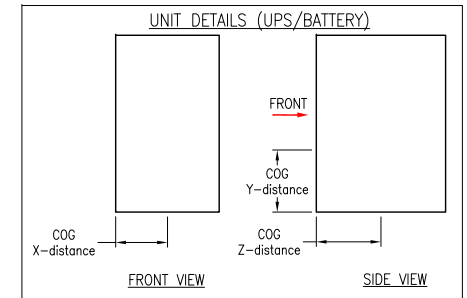


Floor loading and cable entry details					
Component Category	SKU Number/ Rating	Dimensions HxWxD in Inches [mm]	Weight in lb [kg]	Floor loading in lb/Sq. ft [kg/Sq. m]	Cable Entry
UPS	10-50kW (208V/480V)	58.46x20.51x33.35 [1485x521x847]	463 [210]	97 [476]	Bottom / Rear
	60-100kW (208V/480V)	58.46x20.51x33.35 [1485x521x847]	551 [250]	116 [567]	
Classic Battery Cabinet	GVSCBT4	58.46x39.37x33.08 [1485x1000x840]	2913 [1324]	322 [1576]	Top / Bottom
	GVSCBT4ST		3029 [1377]	335 [1639]	
	GVSCBT5		3352 [1524]	371 [1814]	
	GVSCBT5ST		3468 [1576]	383 [1876]	
Maintenance Bypass Cabinet	GVSBPIT25	58.46x23.63x32.91 [1485x600x836]	869 [395]	161 [787]	Top / Bottom
	GVSBPIT50		1166 [530]	216 [1057]	
	GVSBPOT50		1166 [530]	216 [1057]	
	GVSBPOT100		1419 [645]	263 [1286]	

Center Of Gravity (COG) Details ⁶				
Component Category	SKU Number/ Component Description	Center of gravity distance in Inches [mm]		
		X-Distance	Y-Distance	Z-Distance
UPS	10-50kW (208V/480V)	10.2 [260]	32.5 [825]	15.9 [405]
	60-100kW (208V/480V)	10.2 [260]	35 [888]	15.8 [401]
Classic Battery Cabinet	GVSCBT4	16.9 [429]	29.1 [739]	16.4 [417]
	GVSCBT4ST			
	GVSCBT5	17.4 [442]	29.2 [742]	16.7 [424]
	GVSCBT5ST			
Maintenance Bypass Cabinet	GVSBPSU80G	5.91 [150]	28.74 [730]	13.98 [355]
	GVSBPSU150G	5.91 [150]	29.13 [740]	13.78 [350]



NOTES:

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- 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. MINIMUM REQUIRED FRONT CLEARANCE IS 38.58[980]. REAR CLEARANCE REQUIRED IS 5.91[150].
- ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
- THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
- FOR INDIVIDUAL UNIT DETAILS REFER TO SUBMITTAL DRAWINGS.

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TITLE: Galaxy VS SOLUTION
 Input: 480V/208V AC, 3PH, 60Hz
 Output: 480V, 10-100kW/208V, 10-50kW, AC 3PH, 60Hz
 1 MOD UPS, MBP(w/XFMR)&1/2-1000mm WIDTH BATT CAB
 SOLUTION-GENERAL ARRANGEMENT

PROJECT: DRAWINGS **SHEET** 1 OF 4

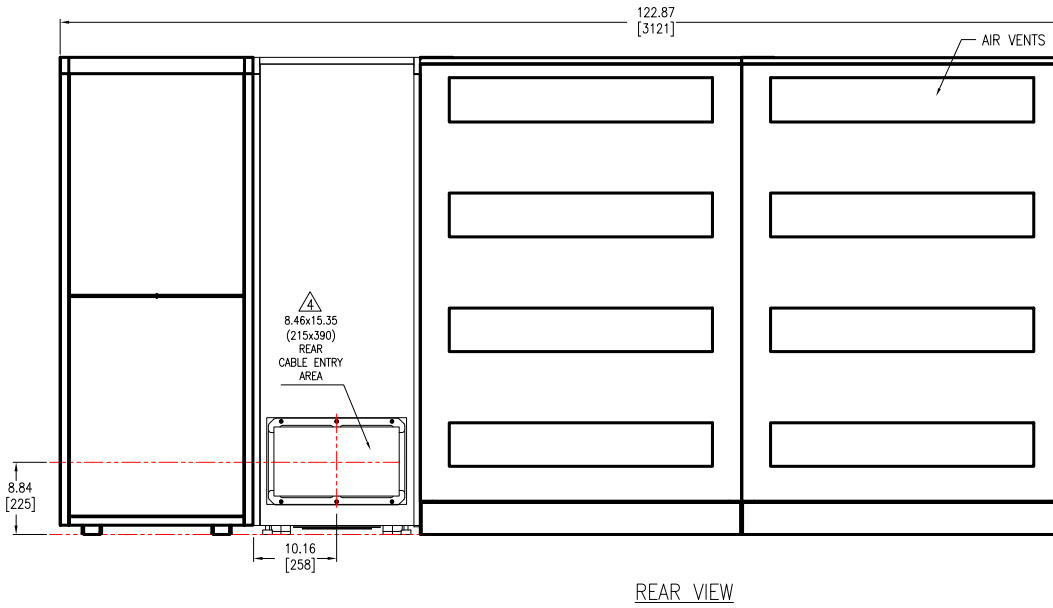
DWG NO: GVS10MBPIO **REV.** 0

DRAWN BY: NAGENDRA **05-FEB-19** **THIRD**

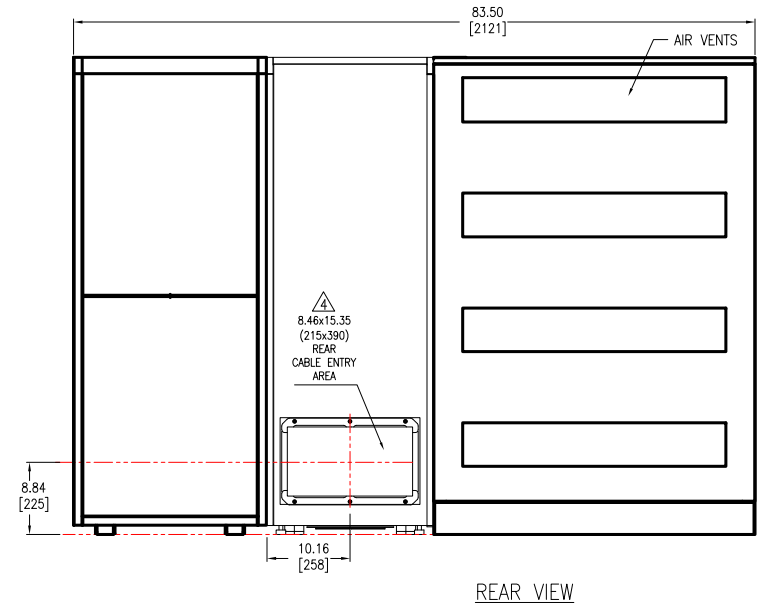
ENGINEER: I K **05-FEB-19** **ANGLE**

APPROVED BY: I K **05-FEB-19** **PROJECTION**

CONFIGURATION = GVS UPS+2xGVSCBT4/4ST/5/5ST



CONFIGURATION = GVS UPS+GVSCBT4/4ST/5/5S5T



BATTERY RUNTIME DETAILS

BATTERY RUNTIMES (minutes)
at Full Load (calculated)

		Classic Battery Cabinets														
		1x GVSCBT4 1x GVSCBT4ST			1x GVSCBT5 1x GVSCBT5ST			2x GVSCBT4 2x GVSCBT4ST			2x GVSCBT5 2x GVSCBT5ST					
		39" / 1000mm Wide			39" / 1000mm Wide			2x 39" / 1000mm Wide			2x 39" / 1000mm Wide					
		40 Batteries			40 Batteries			40 Batteries			40 Batteries					
		UPS SKU	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1		
GALAXY VS (1 PM)	480V	20kW	GVSUPS20KGS	94.5	82.5	72.0	115.0	100.0	88.5	220.0	190.0	170.0	265.0	230.0	205.0	
		30kW	GVSUPS30KGS	57.5	49.5	43.0	71.0	61.0	53.5	135.0	115.0	100.0	165.0	140.0	125.0	
		40kW	GVSUPS40KGS	39.5	34.0	29.5	49.5	42.5	37.0	95.5	82.5	72.0	115.0	100.0	85.5	
		50kW	GVSUPS50KGS	29.5	25.5	22.0	37.0	32.0	27.5	72.0	62.5	54.5	88.5	77.0	67.5	
GALAXY VS (2 PM)	480V	60kW	GVSUPS60KGS	23.5	20.0	17.0	29.0	25.0	21.5	57.5	49.5	43.5	71.0	61.5	53.5	
		80kW	GVSUPS80KGS	15.5	13.0	11.0	19.5	16.5	14.5	40.0	34.0	30.0	49.5	42.5	37.0	
		100kW	GVSUPS100KGS	11.0	9.5	8.0	14.5	12.0	10.0	29.5	25.5	22.0	37.0	32.0	27.5	
GALAXY VS (1 PM)	208V	10kW	GVSUPS10KFS	215.0	190.0	165.0	260.0	225.0	200.0	505.0	440.0	390.0	600.0	520.0	460.0	
		15kW	GVSUPS15KFS	130.0	115.0	100.0	160.0	140.0	120.0	310.0	270.0	235.0	370.0	325.0	285.0	
		20kW	GVSUPS20KFS	94.0	81.5	71.5	115.0	100.0	88.0	220.0	190.0	165.0	260.0	230.0	200.0	
GALAXY VS (2 PM)	208V	25kW	GVSUPS25KFS	71.5	61.5	54.0	88.0	75.5	66.5	165.0	145.0	125.0	200.0	175.0	155.0	
		30kW	GVSUPS30KFS	57.0	49.0	42.5	70.0	60.5	53.0	135.0	115.0	100.0	160.0	140.0	120.0	
		40kW	GVSUPS40KFS	39.5	33.5	29.5	49.0	42.0	36.5	94.5	81.5	71.5	115.0	100.0	88.0	
		50kW	GVSUPS50KFS	29.5	25.0	21.5	36.5	31.5	27.5	71.5	61.5	54.0	88.0	76.0	66.5	

EMERGENCY LIGHTING AND POWER SYSTEM PER UL 924						
Voltage	UPS		Battery Cabinet			Runtime
	Rated Output kW (kVA)	UPS SKU	Battery SKU	Battery Model	Number of battery cabinets	Minutes
480V	30	GVSUPS30KGS	GVSCBT4*	EnerSys 12HX300	2	90
	15	GVSUPS15KFS	GVSCBT4*	EnerSys 12HX300	1	90
208V	25	GVSUPS25KFS	GVSCBT4*	EnerSys 12HX300	2	90
	30	GVSUPS30KFS	GVSCBT4*	EnerSys 12HX300	2	90

CANADIAN EMERGENCY LIGHTING AND POWER SYSTEM PER CSA 22.2 NO. 141-15						
Voltage	UPS		Battery Cabinet			Runtime
	Rated Output kW (kVA)	UPS SKU	Battery SKU	Battery Model	Number of battery cabinets	Minutes
480V	30	GVSUPS30KGS	GVSCBT4*	EnerSys 12HX300	1	30
	40	GVSUPS40KGS	GVSCBT5*	EnerSys 12HX330	1	30
	50	GVSUPS50KGS	GVSCBT4*	EnerSys 12HX300	2	30
	60	GVSUPS60KGS	GVSCBT4*	EnerSys 12HX300	2	30
208V	80	GVSUPS80KGS	GVSCBT5*	EnerSys 12HX330	2	30
	25	GVSUPS25KFS	GVSCBT4*	EnerSys 12HX300	1	30
	30	GVSUPS30KFS	GVSCBT4*	EnerSys 12HX300	1	30
	40	GVSUPS40KFS	GVSCBT5*	EnerSys 12HX330	1	30
	50	GVSUPS50KFS	GVSCBT4*	EnerSys 12HX300	2	30

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3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- △ 4. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.

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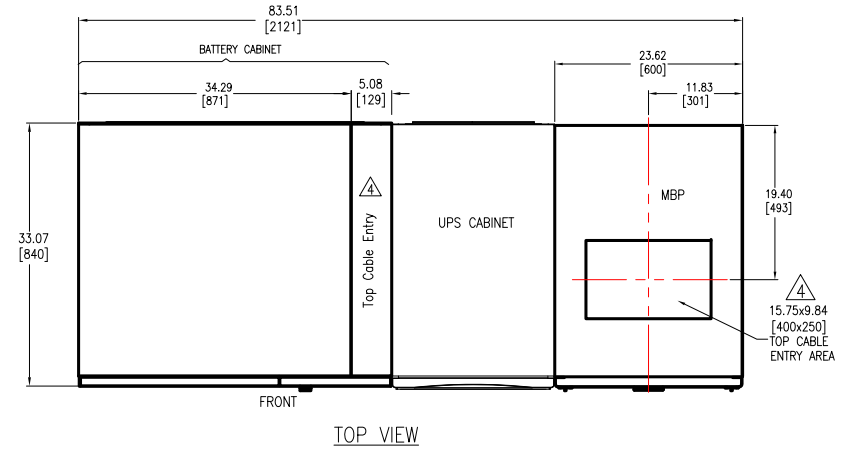
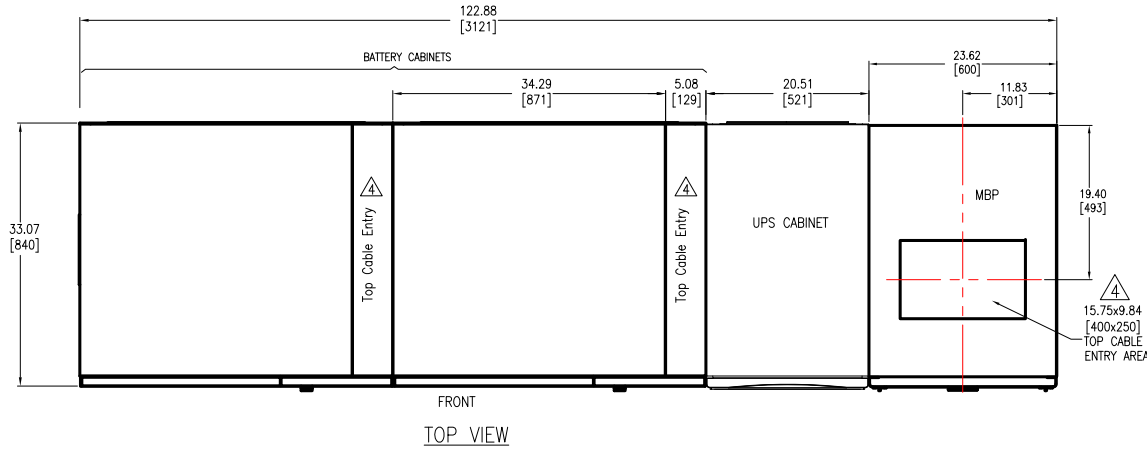


TITLE:	Galaxy VS SOLUTION	DWG NO:	GVS10MBPIO	REV.	1
Input:	480V/208V AC, 3PH, 60Hz	Output:	480V, 10-100kW/208V, 10-50kW, AC 3PH, 60Hz	DRAWN BY:	JAYAPRAKASH
1 MOD UPS, MBP(w/XFMR)&1/2-1000mm WIDTH BATT CAB SOLUTION-REAR VIEW		ENGINEER:	I K	29-MAR-19	THIRD ANGLE PROJECTION
PROJECT: DRAWINGS	SHEET 2 OF 4	APPROVED BY:	I K	29-MAR-19	

CONFIGURATION = GVS UPS+2xGVSCBT4/4ST/5/5ST

TOP VIEWS

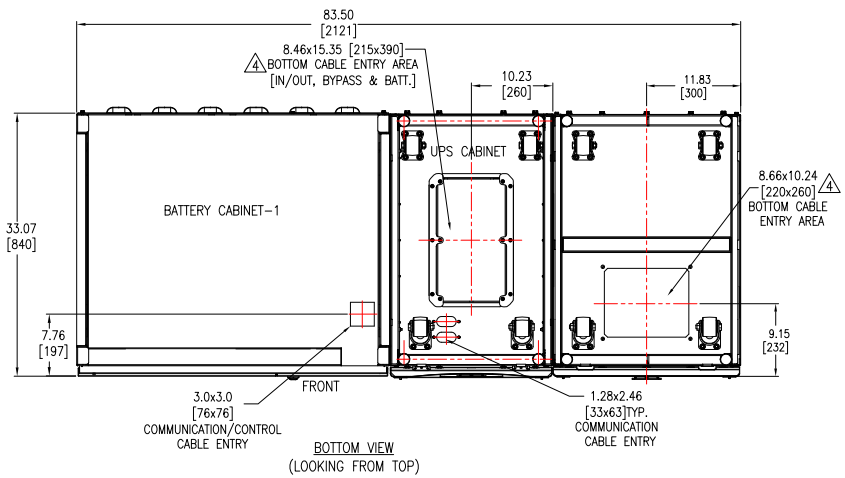
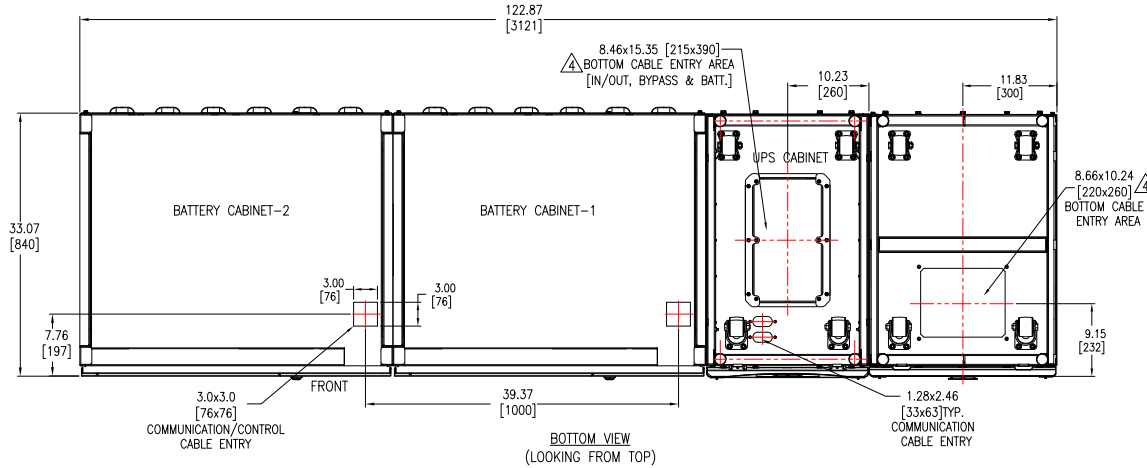
CONFIGURATION = GVS UPS+GVSCBT4/4ST/5/5S5T



CONFIGURATION = GVS UPS+2xGVSCBT4/4ST/5/5ST

BOTTOM VIEWS

CONFIGURATION = GVS UPS+GVSCBT4/4ST/5/5S5T



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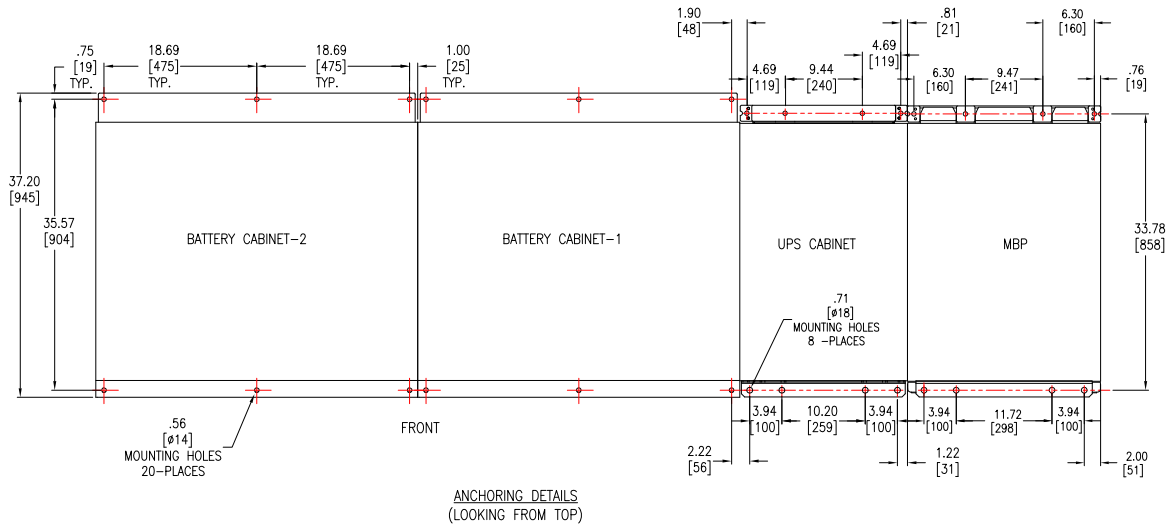


TITLE: Galaxy VS SOLUTION
Input: 480V/208V AC, 3PH, 60Hz
Output: 480V, 10-100kW/208V, 10-50kW, AC 3PH, 60Hz
1 MOD UPS, MBP(w/XFMR)&1/2-1000mm WIDTH BATT CAB
SOLUTION-TOP AND BOTTOM VIEWS
PROJECT: DRAWINGS SHEET 3 OF 4

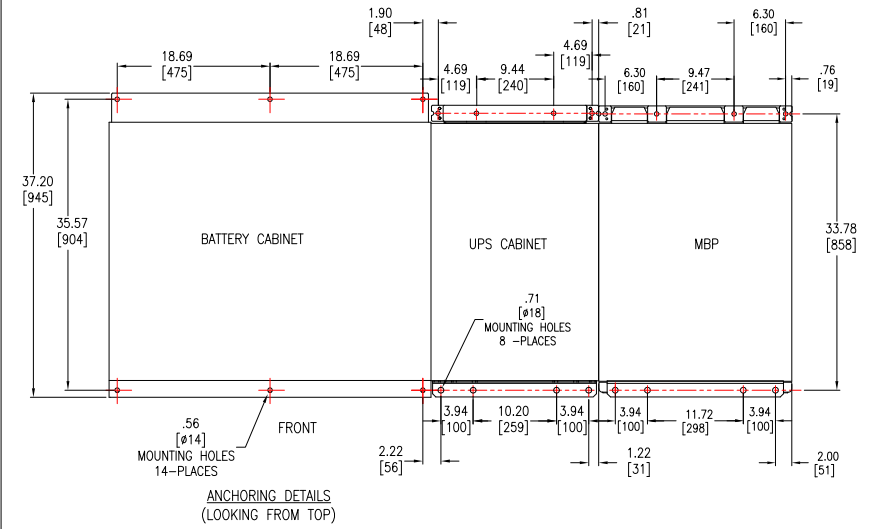
DWG NO:	GVS10MBPIO	REV:	0
DRAWN BY:	NAGENDRA	DATE:	05-FEB-19
ENGINEER:	I K	DATE:	05-FEB-19
APPROVED BY:	I K	DATE:	05-FEB-19
		THIRD ANGLE PROJECTION	

ANCHORING DETAILS

CONFIGURATION = GVS UPS+2xGVSCBT4/4ST/5/5ST



CONFIGURATION = GVS UPS+GVSCBT4/4ST/5/5ST



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 Output: 480V, 10-100kW/208V, 10-50kW, AC 3PH, 60Hz
 1 MOD UPS, MBP(w/XFMR)&1/2-1000mm WIDTH BATT CAB
 SOLUTION-ANCHORING DETAILS

PROJECT: DRAWINGS **SHEET** 4 OF 4

DWG NO: GVS10MBPIO

DRAWN BY: NAGENDRA **05-FEB-19**

ENGINEER: I K **05-FEB-19**

APPROVED BY: I K **05-FEB-19**

REV. 0

THIRD

ANGLE

PROJECTION