

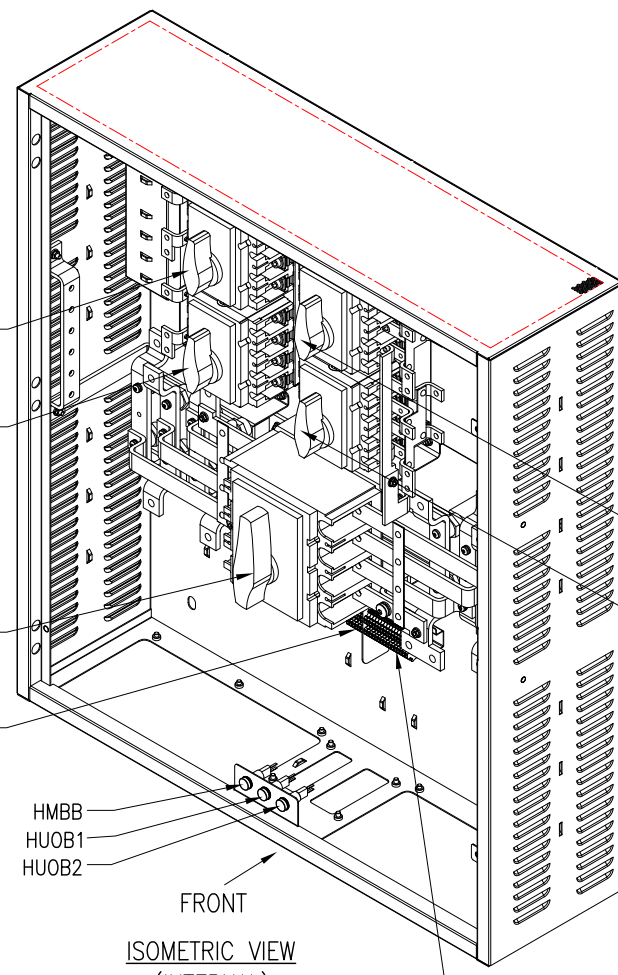
ISOMETRIC VIEW
(EXTERNAL)

UIB1
(UNIT INPUT BREAKER-UPS1)

UIB2
(UNIT INPUT BREAKER-UPS2)

MBB
(MAINTENANCE BYPASS BREAKER)

CLASS-2/SELV
CONTROL
TERMINALS



ISOMETRIC VIEW
(INTERNAL)

UOB1
(UNIT OUTPUT BREAKER-UPS1)

UOB2
(UNIT OUTPUT BREAKER-UPS2)

NON-CLASS 2/NON-SELV
CONTROL TERMINALS

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

THIS SYSTEM BYPASS PANEL CAN BE USED WITH FOLLOWING UPS CONFIGURATIONS		
UPS SKU NUMBER / RATING	CONFIGURATION	SYSTEM RATING IN KW
GVSUPS60KH / 60KW	1+1	60
	2+0	120
GVSUPS80KH / 80KW	1+1	80
	2+0	160
GVSUPS100KH / 100KW	1+1	100
	2+0	200

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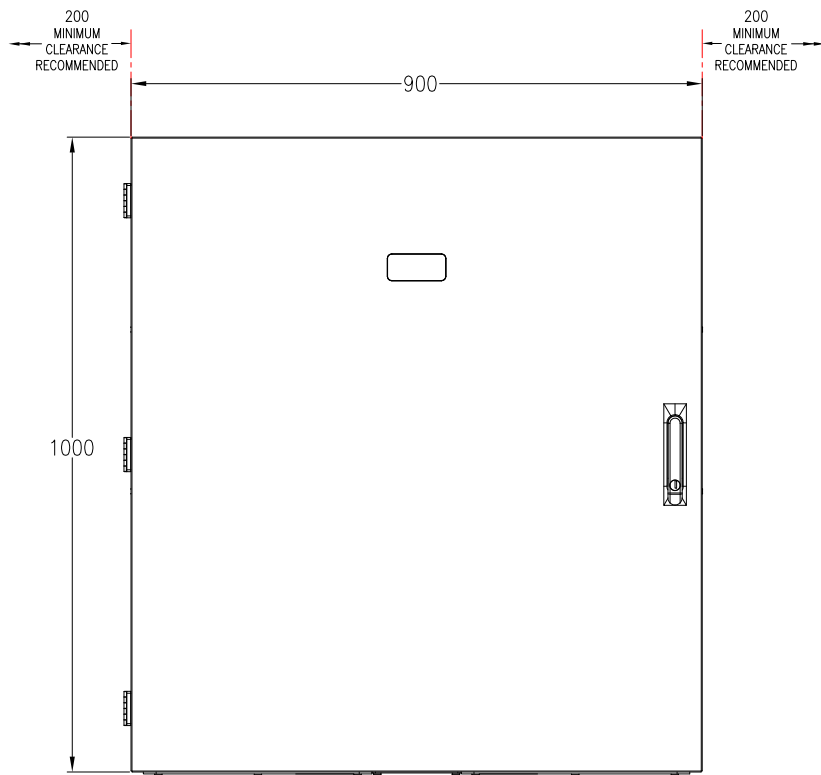
TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
60-120KW, 3PH 400V TWO UNITS
ISOMETRIC VIEW

PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 5

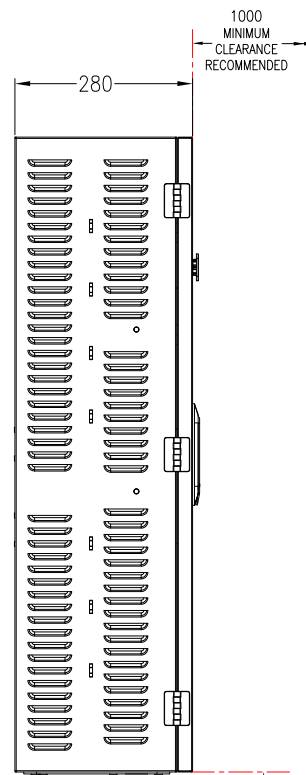
DWG NO: GVSBP60K120H

DRAWN: BALA	20-SEP-22
ENGINEER: JiaChen LIN	20-SEP-22
APPROVED: J L / R I / H N	20-SEP-22

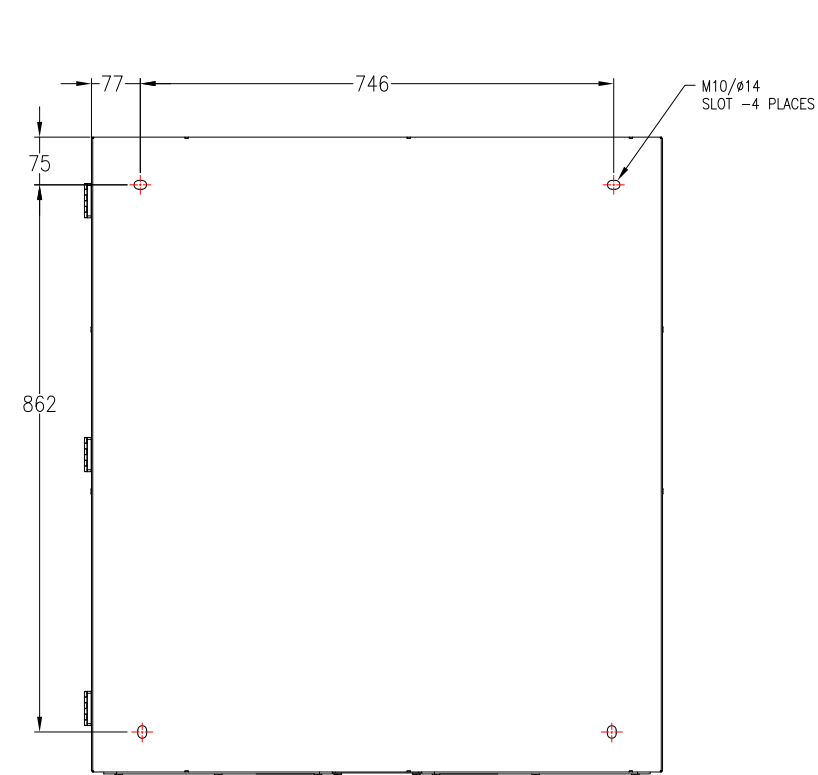
REV. 1
FIRST ANGLE PROJECTION



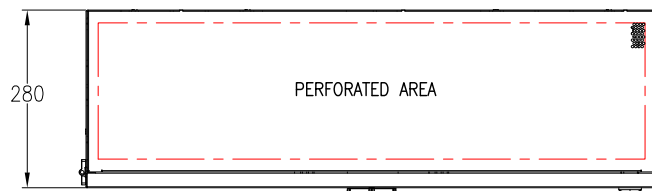
FRONT VIEW



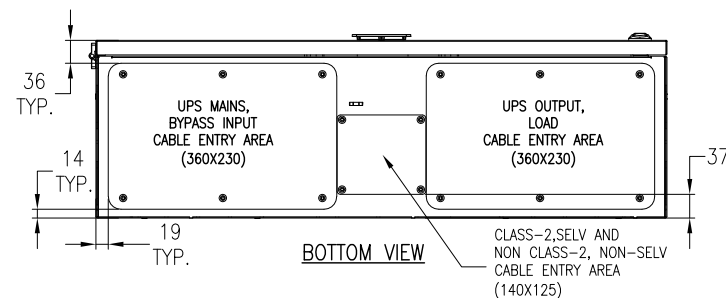
LEFT SIDE VIEW



FRONT VIEW-WALLMOUNT DETAILS
(DOOR AND INTERNAL DETAILS NOT SHOWN)



TOP VIEW



BOTTOM VIEW

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS.
 4. CABLE ENTRY IS THROUGH THE BOTTOM OF UNIT.
 5. FRONT AND BOTTOM SERVICE ACCESS REQUIRED, RIGHT,LEFT SIDE VENTILATION CLEARANCES RECOMMENDED.
 6. NET WEIGHT OF THE UNIT IS 83kg.
 7. PROTECTION CLASS: IP20.
 8. PANEL COLOR: RAL 9003, GLOSS LEVEL 85%.
 9. OPERATING TEMPERATURE: 0°C TO 40°C.

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TITLE: GALAXY VS WALLMOUNT MAINTENANCE BYPASS PANEL 60-120KW, 3PH 400V TWO UNITS GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 5

DWG NO: GVSBPAP60K120H

DRAWN: BALA 20-SEP-22

ENGINEER: JiaChen LIN 20-SEP-22

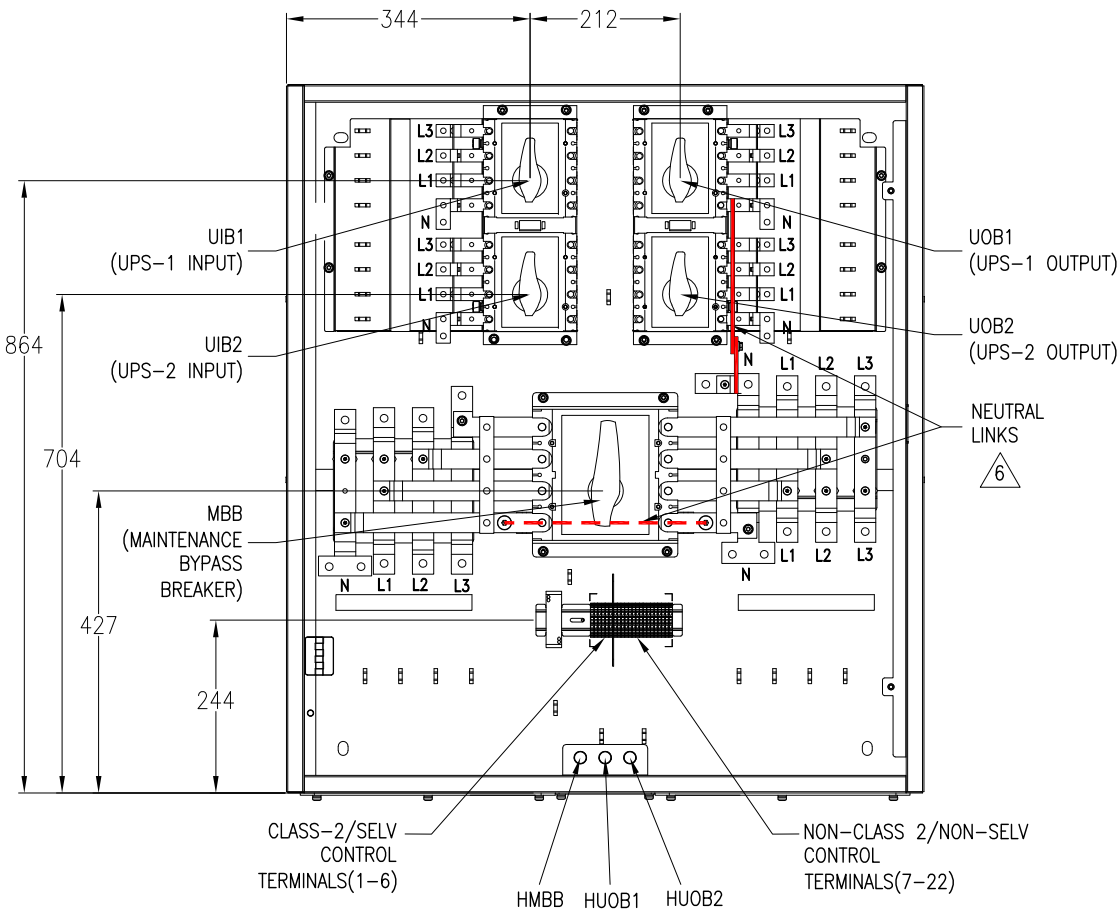
APPROVED: J L / R I / H N 20-SEP-22

REV. 1

FIRST ANGLE

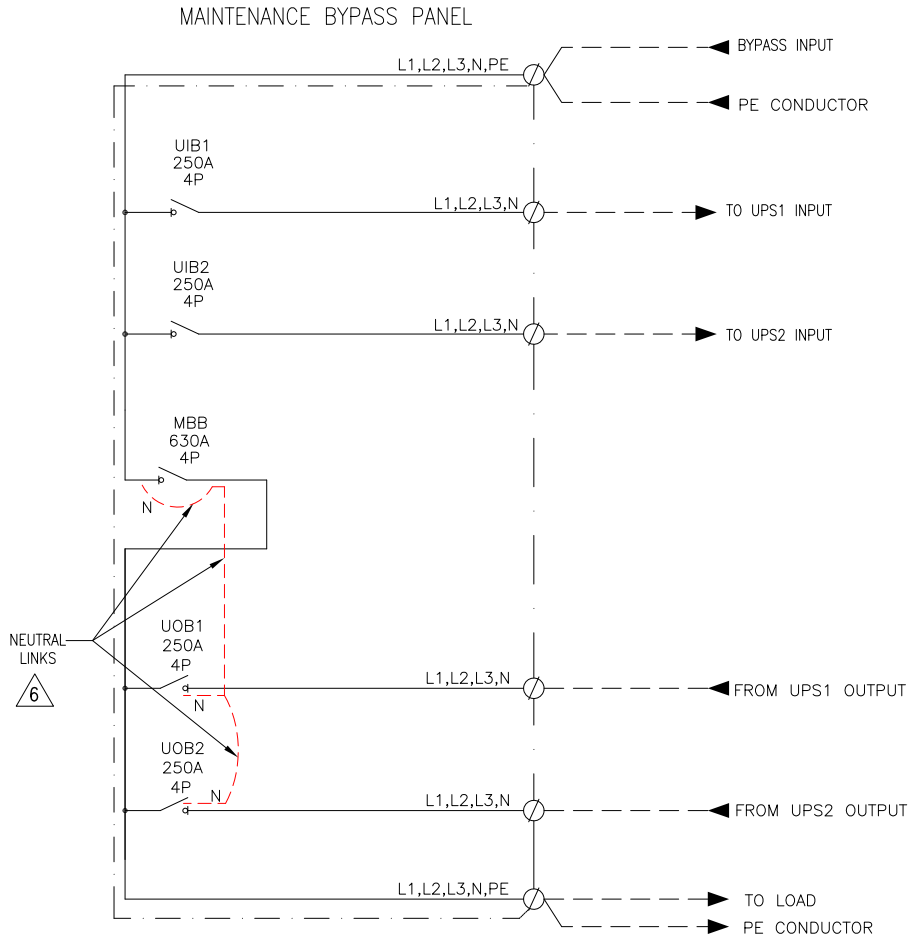
PROJECTION:

INTERNAL DETAILS



INTERNAL FRONT VIEW
(FRONT DOOR AND COVER REMOVED)

POWER CIRCUIT DIAGRAM



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN MILLIMETERS.
 4. DASH-DOT (— · — · —) LINES INSIDE OF MBP UNIT, REPRESENT PE-CONDUCTOR CONNECTION.
 5. DASHED (— — —) LINES OUTSIDE OF MBP UNIT, REPRESENT CABLING PROVIDED BY OTHERS.
 - △ 6. THE NEUTRAL JUMPERS MAKES A BOLTED CONNECTION OF THE NEUTRAL SO THAT THE NEUTRAL IS NOT DISCONNECTED WHEN THE 4-POLE BREAKERS ARE OPENED. DO NOT REMOVE THE NEUTRAL JUMPERS UNLESS ALLOWED BY LOCAL REGULATIONS.
 7. MAXIMUM ALLOWABLE INPUT CABLE AND LOAD CABLE SIZE IS 185 SQMM.
 8. MAXIMUM ALLOWABLE BYPASS INPUT AND OUTPUT CABLE SIZE IS 50 SQMM.

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TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
60-120kW, 3PH 400V TWO UNITS
INTERNAL VIEW AND POWER CIRCUIT

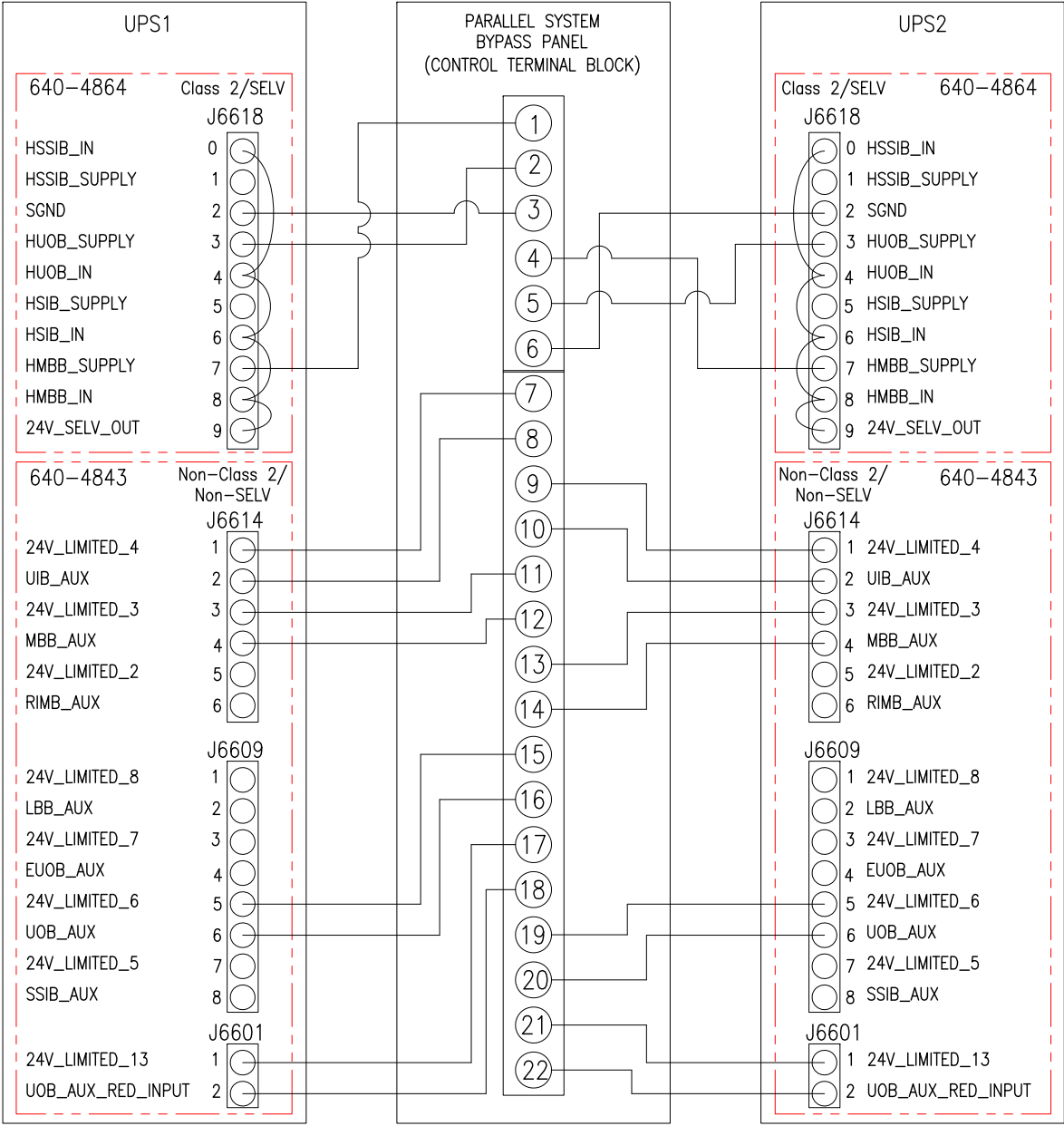
PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 5

DWG NO: GVSBBPAR60K120H

DRAWN: BALA 20-SEP-22
ENGINEER: JiaChen LIN 20-SEP-22
APPROVED: J L / R I / H N 20-SEP-22

REV. 2
FIRST ANGLE PROJECTION

INTERFACE WIRING BETWEEN UPS AND SYSTEM BYPASS PANEL



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. CABLES BETWEEN UPSs AND SYSTEM BYPASS PANEL PROVIDED BY OTHERS.
 4. ROUTE THE CLASS 2/SELV CABLES SEPARATELY FROM THE NON-CLASS 2/NON-SELV CABLES.

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TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
60-120kW, 3PH 400V TWO UNITS
CONTROL CONNECTIONS

DWG NO: GVSBPAP60K120H

REV. 2

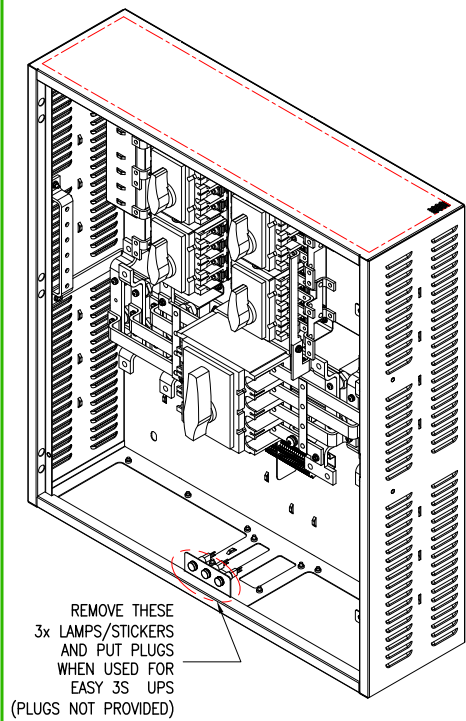
DRAWN: BALA 20-SEP-22

ENGINEER: JiaChen LIN 20-SEP-22

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 5

APPROVED: J L / R I / H N 20-SEP-22

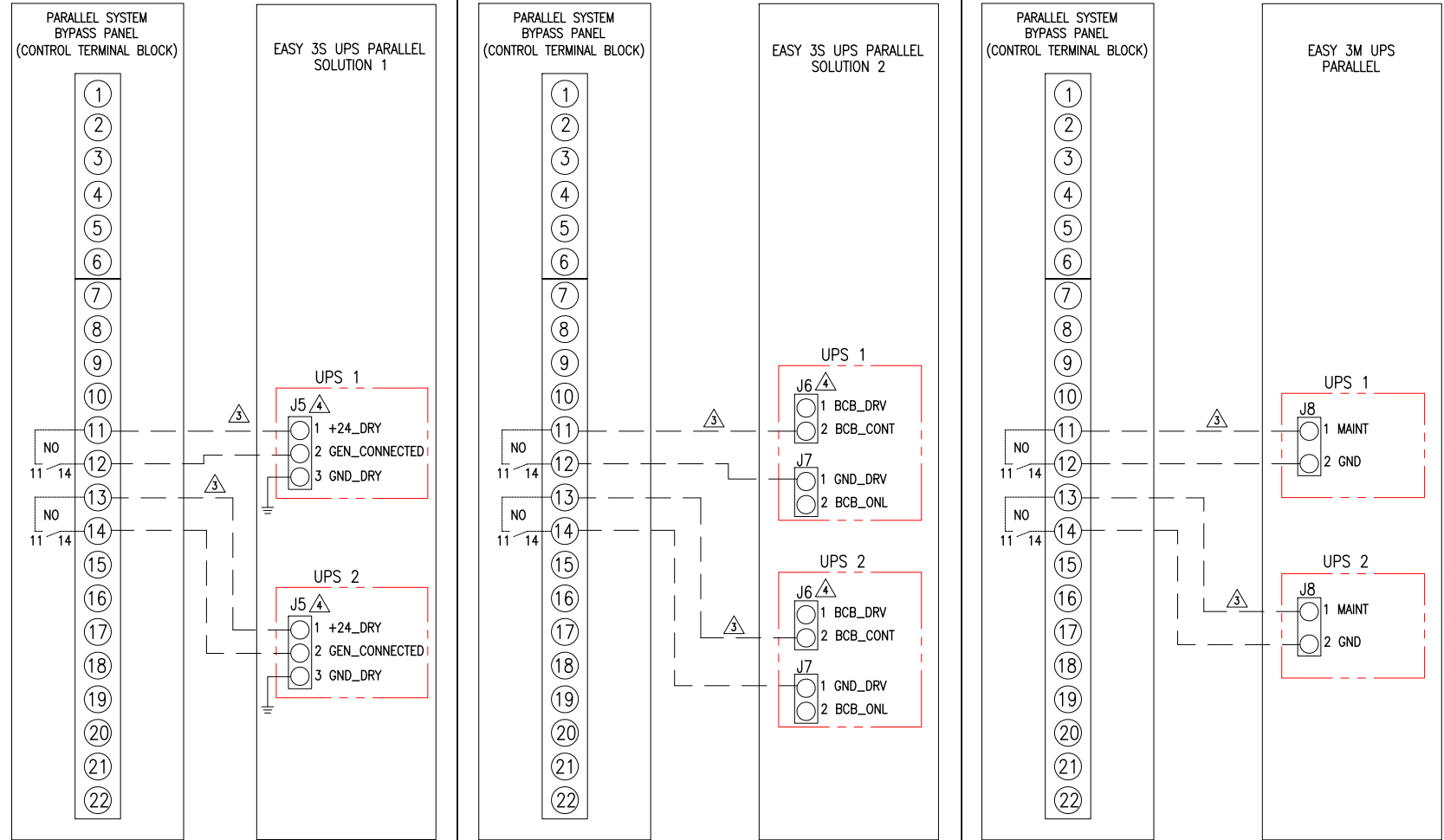
FIRST
ANGLE
PROJECTION



FRONT ISOMETRIC VIEW-INTERNAL
(FRONT DOOR REMOVED)

POSSIBLE ASSOCIATIONS	
EASY UPS 3S	EASY UPS 3M
3:1	3:3
2 x 10kVA	2 x 60kVA
2 x 15kVA	2 x 80kVA
2 x 20kVA	
2 x 30kVA	
For 3:1, use N & L1 only; L2 & L3 not used	

INTERFACE DETAILS FOR GVS BYPASS PANEL TO USE WITH PARALLEL EASY 3S & 3M UPS (USE ONE OF THE METHODS SHOWN BELOW)



REMOVE 3x INDICATOR LAMPS INTERNAL CONNECTIONS AND CHANGE MBB AUX CONTACT CABLING FROM NC TO NO

- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ELECTRICAL REGULATIONS.
 2. PLEASE REFER TO PRODUCT MANUALS FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. CABLES BETWEEN UPS AND MAINTENANCE BYPASS PANEL ARE PROVIDED BY OTHERS.
 4. THERE IS NO DEDICATED INPUT CONTACT IN EASY 3S UPS FOR MBB. PROGRAMMABLE J5 AND J6 CONTACT TO BE CONFIGURED AS MAIN CB NO.
 5. ROUTE THE SIGNAL CABLES SEPARATELY FROM THE POWER CABLES AND ALSO ROUTE THE CLASS 2/SELV CABLES SEPARATELY FROM THE NON-CLASS 2/NON-SELV CABLES.

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TITLE: GALAXY VS
WALLMOUNT MAINTENANCE BYPASS PANEL
3PH 400V TWO UNITS
INTERFACE DETAILS FOR EASY UPS 3S & 3M
PROJECT: SUBMITTAL DRAWINGS SHEET 5 OF 5

DWG NO: GVSBBPAR60K120H
DRAWN: JAYAPRAKASH
ENGINEER: Leon DU
APPROVED: HARISH R
REV. 0
20-SEP-22
20-SEP-22
20-SEP-22
ANGLE PROJECTION
N.A.