

VILLAGE OF DOWNERS GROVE
Report for the Village Council Meeting
9/7/2021

SUBJECT:	SUBMITTED BY:
Fire Station #2 UPS Replacement	Dave Kenny Director, Information Technology

SYNOPSIS

A motion is requested to authorize the purchase of an APC Galaxy VS 20kW UPS along with installation services from Graybar of Glendale Heights, Illinois in an amount of \$32,120.22.

STRATEGIC PLAN ALIGNMENT

The goals for 2019-2021 include *Exceptional Municipal Services*.

FISCAL IMPACT

The FY21 Budget includes the necessary funds from the Major Buildings Fund for this purchase.

RECOMMENDATION

Approval on the September 7, 2021 Consent Agenda.

BACKGROUND

UPS stands for “uninterruptible power supply.” It is a type of power supply that uses battery backup to maintain power during unexpected power outages.

Fire Station #2 has a power generator in place but a UPS supplies power to critical alerting, data and voice systems during the two minutes it takes for the generator to become fully operational. The current UPS that was installed when the Fire Station was constructed has failed, is beyond “end of life” and not repairable.

Due to the exigent circumstances, staff determined that the fastest recourse would be to use the Suburban Purchasing Cooperative (SPC) to expedite the UPS replacement when compared to the time it would take to draft and evaluate vendors via an RFP. The SPC represents 142 municipalities and townships in northeastern Illinois. Graybar is the vendor identified for power backup and protection solutions.

Staff recommends the purchase and installation of an APC Galaxy VS 20kW UPS from Graybar in an amount of \$32,120.22.

ATTACHMENTS

Contract Documents



900 REGENCY DR
 GLENDALE HEIGHTS IL 60139-2287
 Phone: 630-893-3600
 Fax: 630-671-6600

To: VILLAGE OF DOWNERS GROVE
 5101 WALNUT AVE
 DOWNERS GROVE IL 60515
 Attn: Dave Kenny
 Phone: 630-553-5500
 Fax:
 Email: stephen.pleli@graybar.com

Date: 08/25/2021
Proj Name: FIRE STATION 2 UPS
GB Quote #: 0238742935
 Release Nbr:
 Purchase Order Nbr:
 Additional Ref#
 Valid From: 08/25/2021
 Valid To: 09/24/2021
 Contact: STEPHEN PLELI
 Email: stephen.pleli@graybar.com

Proposal

We Appreciate Your Request and Take Pleasure in Responding As Follows

Notes: QUOTE BASED ON OMNIA PARTNERS(U.S. COMMUNITIUES) CONTRACT EV-2370

Item	Item/Type	Quantity	Supplier	Catalog Nbr	Description	Price	Unit	Ext.Price
100		1 EA	SEPS, INC.	APC GALAXY VS 20KW UPS	UPS CONFIGURATION INCLUDES: - INPUT: 208Y 4-WIRE (L1 L2 L3 N G) - OUTPUT: 4-WIRE (L1 L2 L3 N G) - (3) INTERNAL BATTERY STRINGS EXPANDABLE TO 5 PROVIDING APPROXIMATELY 10 MINUTES OF RUNTIME AT FULL LOAD - 3-BREAKER WALL MOUNT MAINTENANCE BYPASS SWITCH - NETWORK SNMP WEB CARD - UPS START-UP 7X24 - SHIPPING & DELIVERY - WARRANTY: 1 YEAR PARTS AND LABOR ** UPS	\$19,685.39	1	\$19,685.39

This equipment and associated installation charges may be financed for a low monthly payment through Graybar Financial Services (subject to credit approval). For more information call 1-800-241-7408 to speak with a leasing specialist.

To learn more about Graybar, visit our website at www.graybar.com

24-Hour Emergency Phone#: 1-800-GRAYBAR

This Graybar quote is based on the terms of sale in the EV2370 Master Agreement which can be found by clicking the link found at https://www.omniapartners.com/hubfs/PUBLIC%20SECTOR/Supplier%20Information/Graybar/EV2370_Graybar_MAD_2017_12_20.pdf

To: VILLAGE OF DOWNERS GROVE
5101 WALNUT AVE
DOWNERS GROVE IL 60515
Attn: Dave Kenny

Date: 08/25/2021
Proj Name: FIRE STATION 2 UPS
GB Quote #: 0238742935

Proposal

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DIMENSIONS:
77.56 X 21.65 X
33.35 (H X W X D)
** BYPASS
DIMENSIONS:
39.37 X 33.46 X
11.02 (H X W X D)

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200	1 EA	SEPS, INC.	INSTALL NEW UPS	INSTALLATION PROVIDE NECESSARY TOOLS L NEW UPS. REMOVE AND DISPOSE OF EXISTING CHLORIDE 30K UPS. ARRANGEMENTS TO REMOVE FROM SITE AND DISPOSE OF. MOVE NEW UPS TO BASEMENT DATA CENTER AND SET IN PLACE. PROVIDE MATERIALS AND LABOR TO INSTALL NEW 20K UPS AND WALL MOUNT MBS. EXTEND AND RECONNECT ALARM POINTS. CLARIFICATIONS AND EXCLUSIONS: THE FOLLOWING ITEMS ARE NOT INCLUDED EXCEPT WHERE SPECIFICALLY CALLED OUT ABOVE: O CONDUIT/CORING/ SLEEING/RACEW AYS NOT SPECIFICALLY LISTED IN ABOVE SCOPE O GROUNDING RISERS/BUSBARS	\$12,434.83	1	\$12,434.83
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Proj Name: FIRE STATION 2 UPS
GB Quote #: 0238742935

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O LOW VOLTAGE
CABLING
O
NETWORK/SECURI
TY/AV EQUIPMENT
O FIRE ALARM
TESTING OR
DRAWINGS
O TAXES FOR
LABOR OR
MATERIAL
O BOND COSTS
OR PERMIT FEES
O SUPPLEMENTAL
MBE/WBE
PARTICIPATION
O MINORITY
GENDER
RESIDENCY
LABOR
PARTICIPATION
O 3D/BIM COSTS
OR
COORDINATION
O CUTTING OR
PATCHING WALLS
IS NOT INCLUDED.
WALLS MAY NEED
TO BE CUT
WHERE WHIPPING
DOWN EXISTING
WALLS IS NOT
POSSIBLE.
O REMOVAL OF
CEILING WHERE
REQUIRED FOR
ACCESS.
O PLYWOOD OR
OTHER
BACKBOARDS
O ALL
PROTECTION
REMOVAL
REPLACEMENT
AND REPAIR OF
EXISTING

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Proj Name: FIRE STATION 2 UPS
GB Quote #: 0238742935

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FINISHES
O CLEANING OR
DISPOSAL OF
TRASH OR DEBRIS
BEYOND
DEPOSITING IN
LOCAL
RECEPTACLES
PROVIDED BY THE
GC
O CONTAINMENT
OR HEPA CARTS
PRICE IS BASED
ON STRAIGHT
TIME MONDAY
THRU FRIDAY 7:00
AM TILL 3:30 PM
EXCEPT WHERE
OTHERWISE
SPECIFIED IN
ABOVE
SCOPE.
THE EXISTENCE
OF SPARE
CIRCUITS ON
EXISTING PANELS
FOR POWERING
DEVICES IS
ASSUMED
EXCEPT WHERE
NEW CIRCUITS
ARE
SPECIFICALLY
NOTED AS
PROVIDED IN
ABOVE SCOPE.
THE EXISTENCE
OF A DATA RACK
AND ASSOCIATED
PATCH PANELS IN
THE TELECLOSET
ROOM IS
ASSUMED
EXCEPT WHERE
SPECIFICALLY
NOTED AS

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PROVIDED IN
ABOVE SCOPE.
PROPOSAL IS
BASED ON THE
CONTENTS OF
THIS LETTER
BECOMING PART
OF THE FINAL
CONTRACT.
DUE TO CURRENT
MARKET
FLUCTUATIONS
MATERIAL COSTS
MAY BE SUBJECT
TO INCREASE
AFTER 30 DAYS
FROM THE DATE
OF THIS
PROPOSAL.
IF ANY AS-BUILT
DRAWINGS ARE
REQUIRED IT IS
EXPECTED
UPDATED CAD
FILES WILL BE
PROVIDED.
PRICE IS
SUBMITTED
CURRENT
INSURANCE
PROGRAM. ANY
EXTRA
INSURANCE
REQUIREMENTS
MAY RESULT IN
ADDITIONAL
COST.
COST IMPACT
FOR UPDATED
2017 OSHA
CRYSTALLINE
SILICA STANDARD
FOR
CONSTRUCTION
(29 CFR 1926.1153)
BEYOND OUR

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Proj Name: FIRE STATION 2 UPS
GB Quote #: 0238742935

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SPECIFIC SCOPE
OF WORK IS NOT
INCLUDED.

Total in USD (Tax not included): \$32,120.22

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Signed:_____

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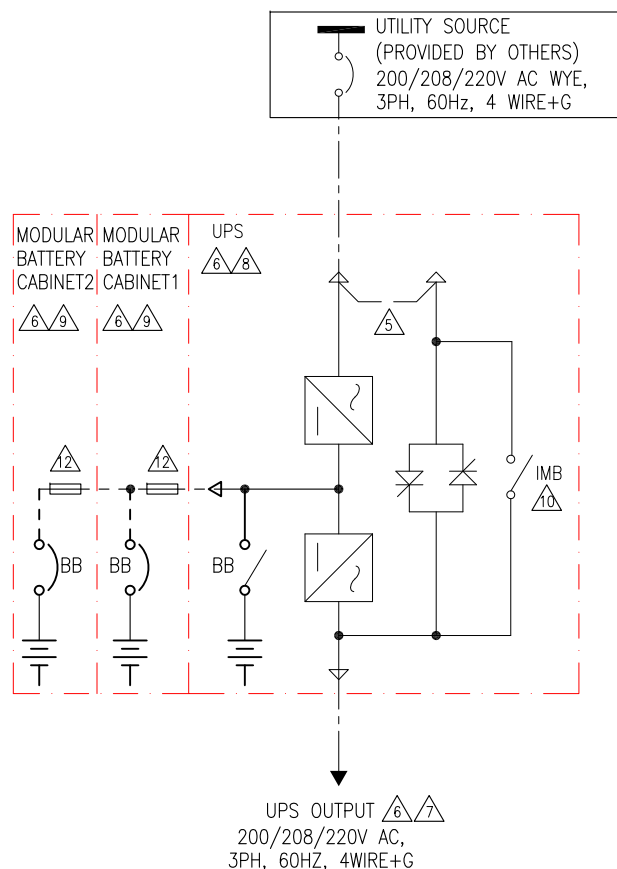
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DRAWING GUIDE				
INPUT VOLTAGE	OUTPUT VOLTAGE	CABLE ENTRY	DESCRIPTION	REFERENCE SHEETS
208V AC	208V AC	TOP/BOTTOM	1 MODULE UPS WITHOUT MBC	2 & 7
		TOP/BOTTOM	1 MODULE UPS WITH MBC (WALL MOUNT-TOP/BOTTOM ENTRY)	3 & 7
		TOP/BOTTOM	1 MODULE UPS WITH MBC -FLOOR MOUNT (TOP/BOTTOM ENTRY - WITH/WITHOUT CONDUIT BOX)	4 & 7
480/600V AC		TOP/BOTTOM	1 MODULE UPS WITH INPUT XFMR WITH/WITHOUT CONDUIT BOX (TOP/BOTTOM ENTRY)	5 & 7
208V AC		TOP/BOTTOM	1+1 SIMPLIFIED PARALLEL REDUNDANT UPS WITHOUT MBC	6 & 7
480/600V AC OR 208V AC		TOP/BOTTOM	SITE PLANNING DATA	7

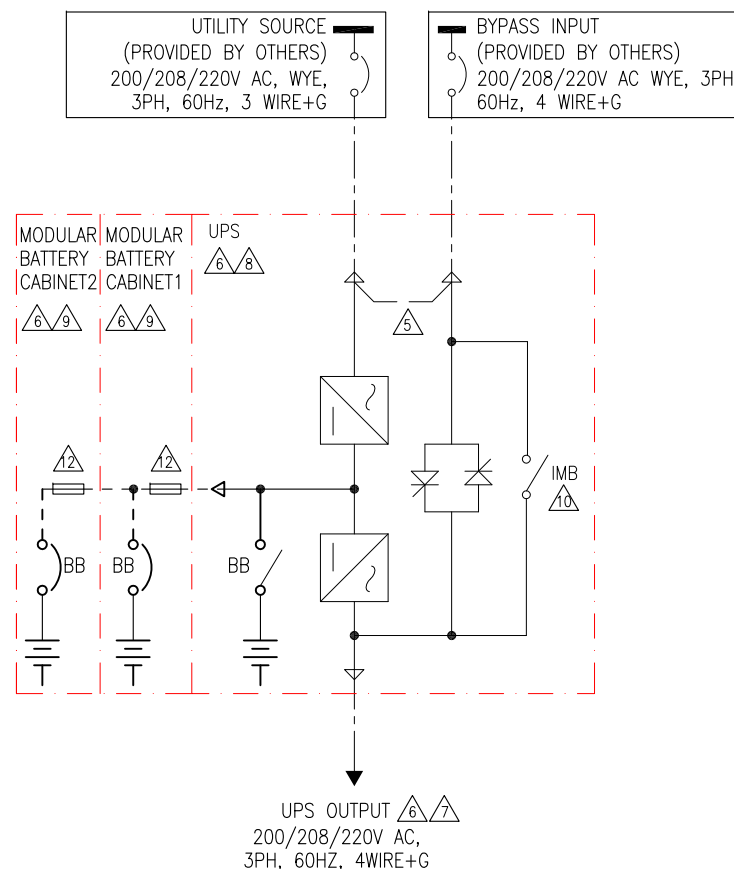


1 MODULE UPS WITH INTERNAL/EXTERNAL BATTERIES

SINGLE MAINS (ADJACENT BATTERY)

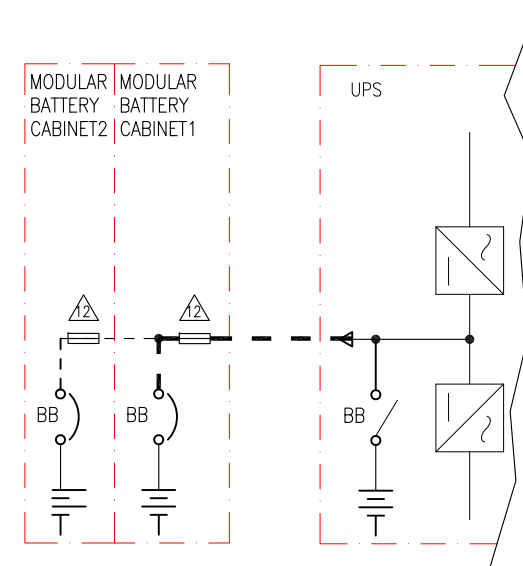


DUAL MAINS (ADJACENT BATTERY)



REMOTE BATTERY-TYPICAL

(REST OF CONNECTIONS
SIMILAR TO ADJACENT BATTERY
EXCEPT BELOW)



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- Δ5. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS INSTALLATION.
- Δ6. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-7.
- Δ7. THE NUMBER OF OUTPUT WIRES MUST MATCH THE NUMBER OF INPUT WIRES IN SINGLE MAINS OR BYPASS WIRES FOR DUAL MAINS. OUTPUT OVER-CURRENT PROTECTION MUST BE PROVIDED BY OTHERS.
- Δ8. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: $I_{cw}=65\text{ kA}$ RMS SYMMETRICAL.
- Δ9. APPLICABLE FOR ALL UPSs EXCEPT GVSUPS10KB2FS & GVSUPS20KB2GS. TWO CABINETS SHOWN. MAXIMUM OF FOUR BATTERY CABINETS CAN BE BAYED WITH THE UPS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
- Δ10. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN ONLY BE USED IN SINGLE SYSTEMS WITH NO EXTERNAL MAINTENANCE BYPASS BREAKER.
11. CABLE LUGS ARE PROVIDED BY OTHERS EXCEPT FOR ADJACENT BATTERY CABINET INSTALLATION.
- Δ12. REFER TO GVSMODBC6 DRAWING FOR ADDITIONAL DETAILS.

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 VS
Input: 208V(OR) 480/600V AC 3PH, 60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
1 MOD UPS WITH BATTERY
SYSTEM ONE LINE DIAGRAM

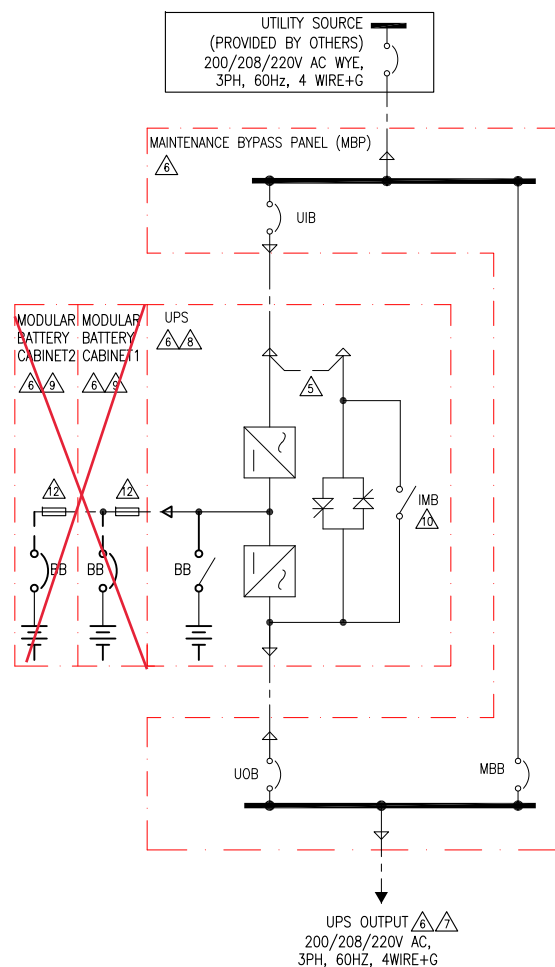
PROJECT: DRAWINGS SHEET 2 OF 7

DWG NO:	GVS10K25LGFSAI0-SD	REV.	2
DRAWN BY:	BALA	4-DEC-19	ANGLE
ENGINEER:	C B/P J	12-DEC-19	PROJECTION
APPROVED BY:	C C / S V	12-DEC-19	N . A

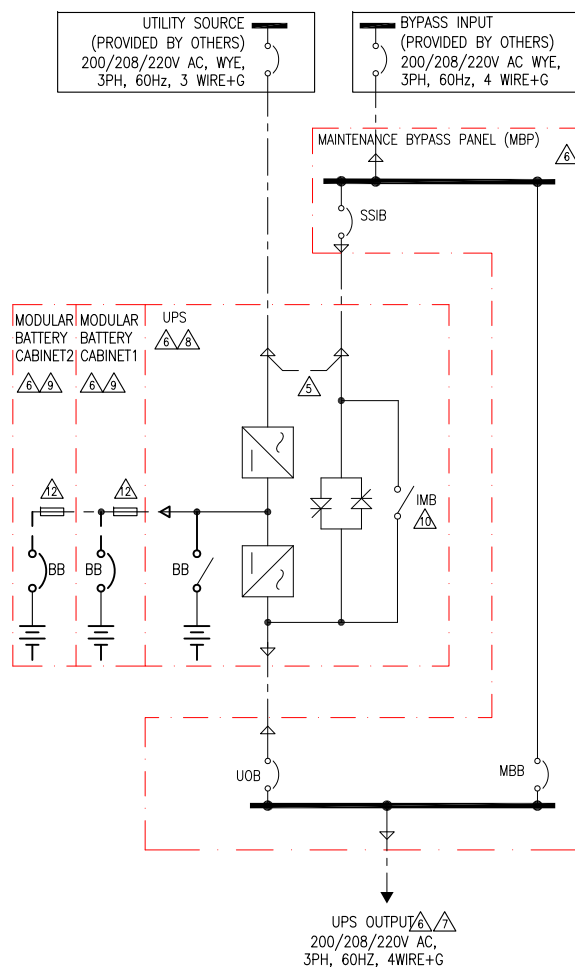
LEGEND:
 - - - - - AC CABLE (PROVIDED BY OTHERS)
 - - - - - 600V DC CABLE (PART OF MODULAR BATTERY CABINET)
 - - - - - 600V DC CABLE (PROVIDED BY OTHERS)

1 MODULE UPS WITH INTERNAL/EXTERNAL BATTERIES & MAINTENANCE BYPASS PANEL(MBP)/
(TOP/BOTTOM ENTRY -WALLMOUNT MBP(GVSBPSU60G-WP))

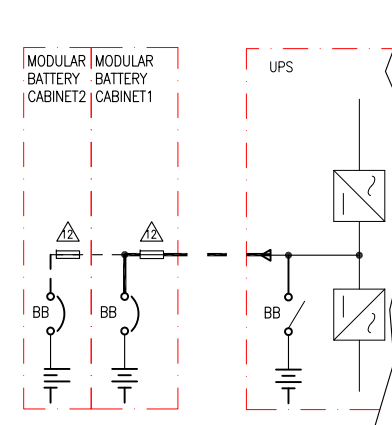
SINGLE MAINS (ADJACENT BATTERY)



DUAL MAINS (ADJACENT BATTERY)



REMOTE BATTERY-TYPICAL
(REST OF CONNECTIONS
SIMILAR TO ADJACENT BATTERY
EXCEPT BELOW)



NOTES:

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2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- △5. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS INSTALLATION.
- △6. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-7.
- △7. THE NUMBER OF OUTPUT WIRES MUST MATCH THE NUMBER OF INPUT WIRES IN SINGLE MAINS OR BYPASS WIRES FOR DUAL MAINS. OUTPUT OVER-CURRENT PROTECTION MUST BE PROVIDED BY OTHERS.
- △8. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: $I_{cw}=65ka$ RMS SYMMETRICAL.
- △9. APPLICABLE FOR ALL UPSs EXCEPT GVSUPS10KB2FS & GVSUPS20KB2GS. TWO CABINETS SHOWN. MAXIMUM OF FOUR BATTERY CABINETS CAN BE BAYED WITH THE UPS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
- △10. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN ONLY BE USED IN SINGLE SYSTEMS WITH NO EXTERNAL MAINTENANCE BYPASS BREAKER.
11. CABLE LUGS ARE PROVIDED BY OTHERS EXCEPT FOR ADJACENT BATTERY CABINET INSTALLATION.
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Schneider Electric

TITLE: GALAXY VS
Input:208V(OR)480/600V AC 3PH,60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
1 MOD UPS w BATTERY CABINET AND MBC
SYSTEM ONE LINE DIAGRAM

PROJECT: DRAWINGS SHEET 3 OF 7

DWG NO:	GVS10K25LGFAIO-SD	REV.	3
DRAWN BY:	BALA	19-DEC-19	ANGLE
ENGINEER:	C B/P J	19-DEC-19	PROJECTION
APPROVED BY:	C C / S V	19-DEC-19	N. A

LEGEND:
- - - - - AC CABLE (PROVIDED BY OTHERS)
- - - - - 600V DC CABLE (PART OF MODULAR BATTERY CABINET)
- - - - - 600V DC CABLE (PROVIDED BY OTHERS)

1 MODULE UPS WITH INTERNAL/EXTERNAL BATTERIES & MAINTENANCE BYPASS CABINET(MBC)
(TOP/BOTTOM ENTRY WITH/WITHOUT CONDUIT BOX FOR FLOORMOUNT MBC(GVSBPSU80G))
(OPTIONAL CONDUIT BOX SKU-GVSOPT018)

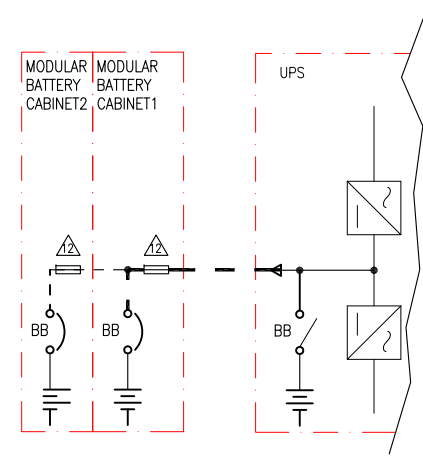
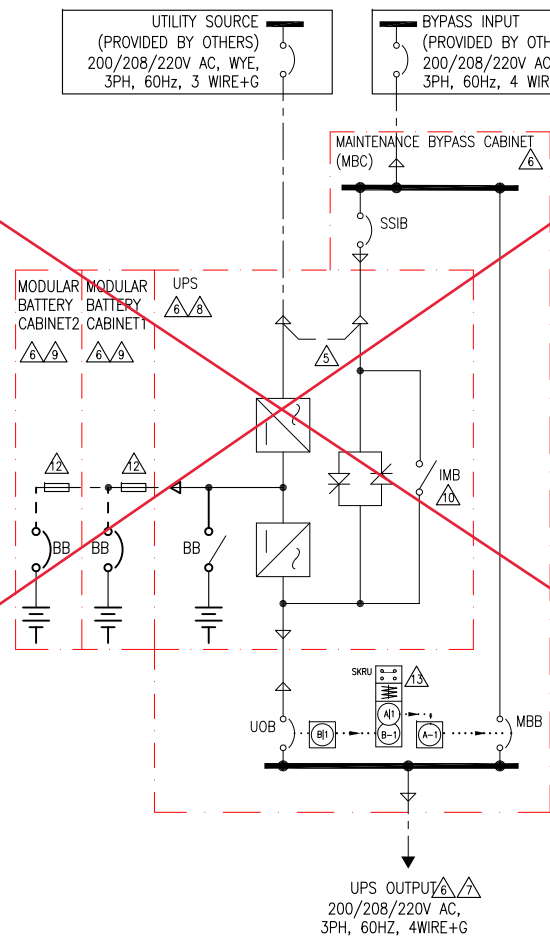
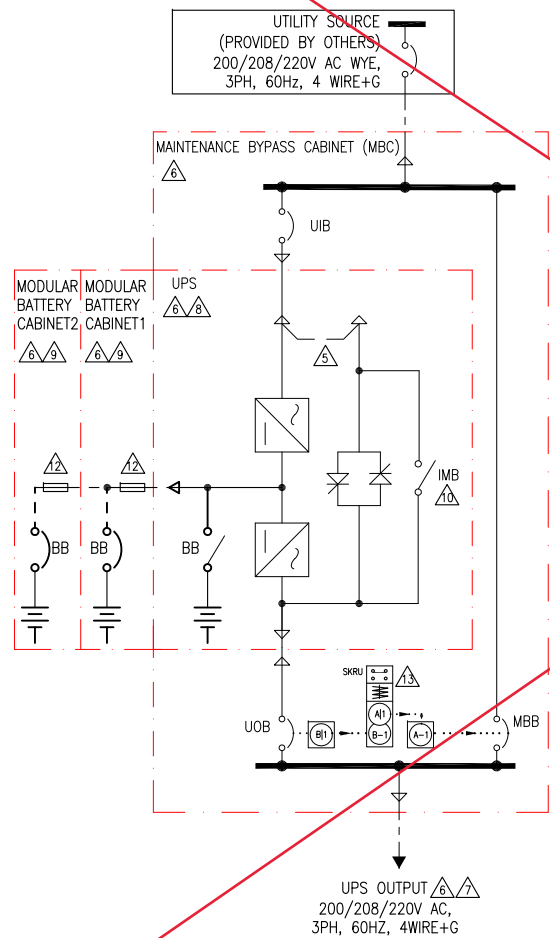
14

SINGLE MAINS (ADJACENT BATTERY)

DUAL MAINS (ADJACENT BATTERY)

REMOTE BATTERY-TYPICAL

(REST OF CONNECTIONS
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- △9. APPLICABLE FOR ALL UPSs EXCEPT GVSUPS10KB2FS & GVSUPS20KB2GS. TWO CABINETS SHOWN. MAXIMUM OF FOUR BATTERY CABINETS CAN BE BAYED WITH THE UPS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
- △10. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN ONLY BE USED IN SINGLE SYSTEMS WITH NO EXTERNAL MAINTENANCE BYPASS BREAKER.
11. CABLE LUGS ARE PROVIDED BY OTHERS EXCEPT FOR ADJACENT BATTERY CABINET INSTALLATION.

NOTES:

- △12. REFER TO GVSMODBC6 DRAWING FOR ADDITIONAL DETAILS.
- △13. KIRK KEY INTERLOCK IS OPTIONAL(GVSOPT004) AND APPLICABLE ONLY FOR MBC SKU# GVSBPUS80G.
- △14. THIS SHEET OF DRAWING IS NOT APPLICABLE FOR UPS SKU#s: GVSUPS10KB2FS & GVSUPS20KB2GS.

LEGEND:	
---	AC CABLE (PROVIDED BY OTHERS)
----	600V DC CABLE (PART OF MODULAR BATTERY CABINET)
----	600V DC CABLE (PROVIDED BY OTHERS)

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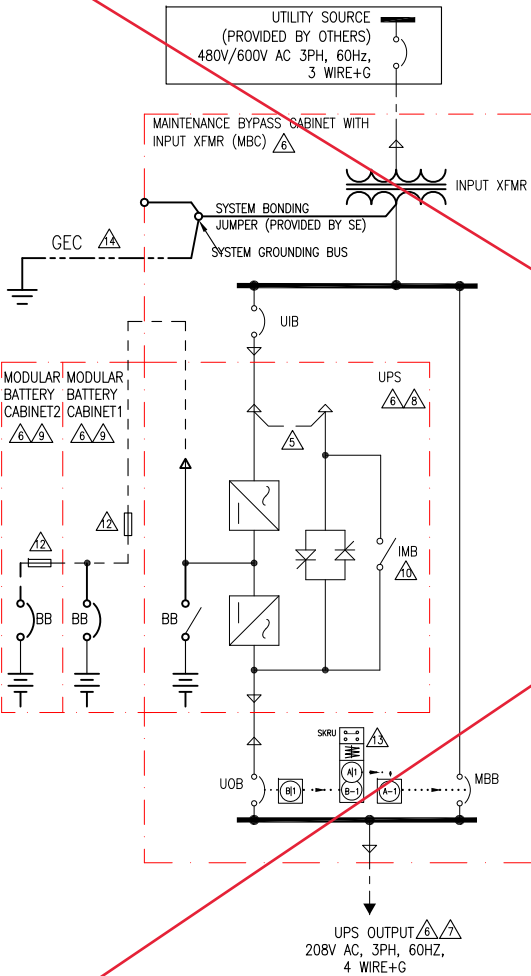
TITLE: GALAXY VS
Input:208V(OR)480/600V AC 3PH,60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
1 MOD UPS w BATTERY CABINET AND MBC
SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS SHEET 4 OF 7

DWG NO:	GVS10K25LGFSIAIO-SD	REV:	3
DRAWN BY:	BALA	19-DEC-19	ANGLE
ENGINEER:	C B/P J	19-DEC-19	PROJECTION
APPROVED BY:	C C / S V	19-DEC-19	N. A

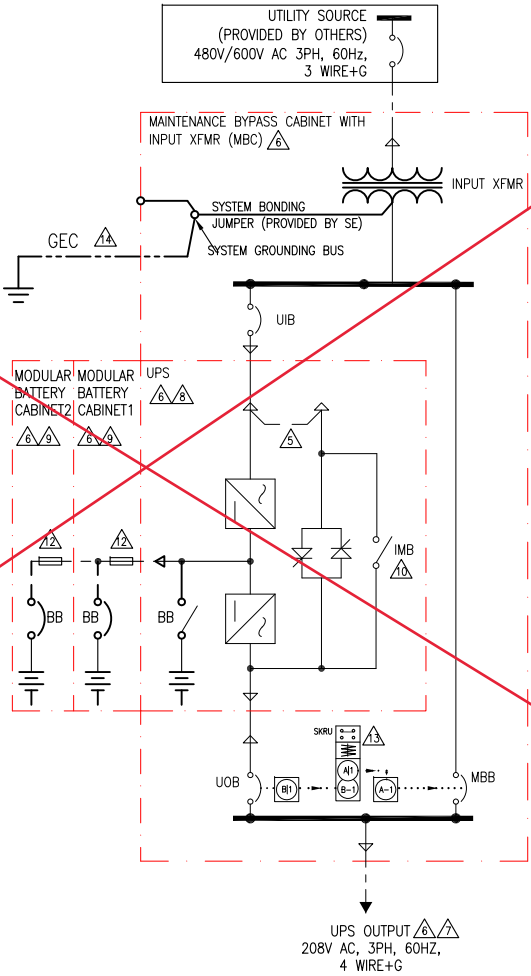
1 MODULE UPS SINGLE MAINS WITH BATTERIES & MAINTENANCE BYPASS PANEL WITH INPUT XFMR WITH AND WITHOUT CONDUIT BOX(GVSOPT013)

15

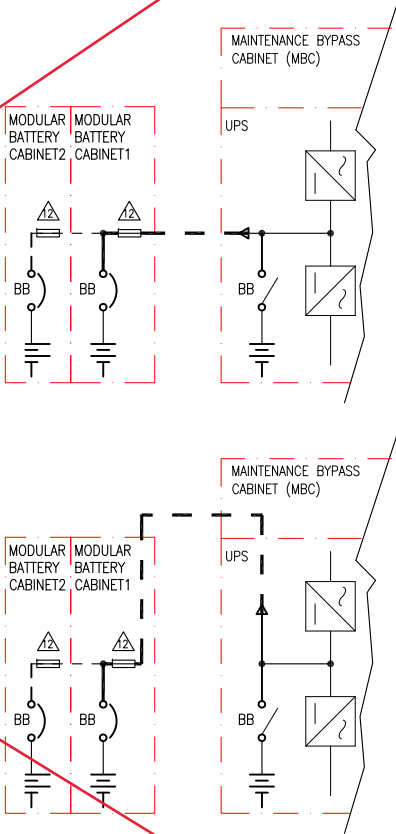
MBP WITH INPUT XFMR WITHOUT CONDUIT BOX
TOP ENTRY (ADJACENT BATTERY)



MBP WITH INPUT XFMR TOP ENTRY WITH CONDUIT BOX
BOTTOM ENTRY WITH/WITHOUT CONDUIT BOX(ADJACENT BATTERY)



REMOTE BATTERY-TYPICAL
(REST OF CONNECTIONS
SIMILAR TO ADJACENT BATTERY
EXCEPT BELOW)



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
 3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
 4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
 - △5. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS INSTALLATION.
 - △6. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-7.
 - △7. THE NUMBER OF OUTPUT WIRES MUST MATCH THE NUMBER OF INPUT WIRES IN SINGLE MAINS OR BYPASS WIRES FOR DUAL MAINS. OUTPUT OVER-CURRENT PROTECTION MUST BE PROVIDED BY OTHERS.
 - △8. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: $I_{cw}=65kA$ RMS SYMMETRICAL.
 - △9. APPLICABLE FOR ALL UPSs EXCEPT GVSUPS10KB2FS & GVSUPS20KB2GS. TWO CABINETS SHOWN. MAXIMUM OF FOUR BATTERY CABINETS CAN BE BAYED WITH THE UPS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
 - △10. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN ONLY BE USED IN SINGLE SYSTEMS WITH NO EXTERNAL MAINTENANCE BYPASS BREAKER.
 11. CABLE LUGS ARE PROVIDED BY OTHERS EXCEPT FOR ADJACENT BATTERY CABINET INSTALLATION.

- NOTES:
- △12. REFER TO GVSMODBC6 DRAWING FOR ADDITIONAL DETAILS.
 - △13. KIRK KEY INTERLOCK IS OPTIONAL AND APPLICABLE ONLY FOR MBC SKU# GVSBPSU80G.
 - △14. THIS SYSTEM SHALL BE INSTALLED AS A SEPARATELY DERIVED SYSTEM IN ACCORDANCE WITH LOCAL AND NATIONAL CODES. THE GROUNDING ELECTRODE CONDUCTOR (GEC) SHALL BE PROVIDED BY OTHERS.
 - △15. THIS SHEET OF DRAWING IS NOT APPLICABLE FOR UPS SKU#s: GVSUPS10KB2FS & GVSUPS20KB2GS.

LEGEND:	
---	AC CABLE (PROVIDED BY OTHERS)
---	600V DC CABLE (PART OF MODULAR BATTERY CABINET)
---	600V DC CABLE (PROVIDED BY OTHERS)

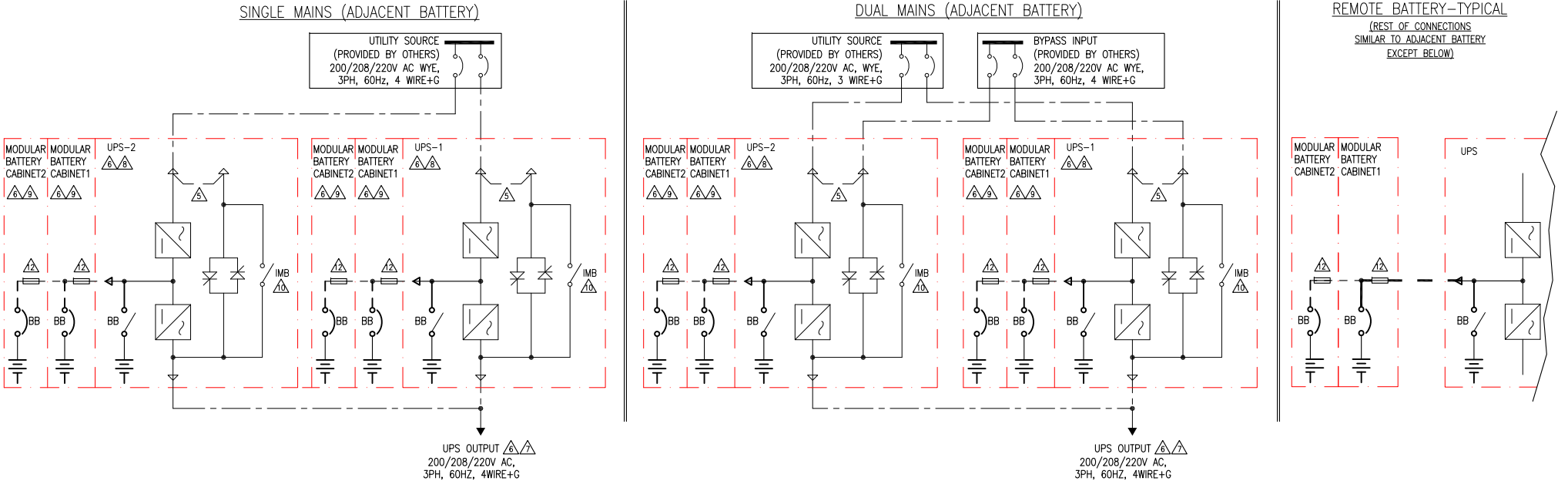
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Schneider
Electric

TITLE: GALAXY VS
Input:208V(OR)480/600V AC 3PH,60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
1 MOD UPS WITH MBC & BATTERY-TOP ENTRY
SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS SHEET 5 OF 7

DWG NO:	GVS10K25LGFSIAO-SD	REV.	3
DRAWN BY:	BALA	19-DEC-19	ANGLE
ENGINEER:	C B/P J	19-DEC-19	PROJECTION
APPROVED BY:	C C / S V	19-DEC-19	N. A

1+1 SIMPLIFIED PARALLEL UPS WITH INTERNAL/EXTERNAL BATTERIES 13



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
 3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
 4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
 - △5. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS INSTALLATION.
 - △6. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-7.
 - △7. THE NUMBER OF OUTPUT WIRES MUST MATCH THE NUMBER OF INPUT WIRES IN SINGLE MAINS OR BYPASS WIRES FOR DUAL MAINS. OUTPUT OVER-CURRENT PROTECTION MUST BE PROVIDED BY OTHERS.
 - △8. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: $I_{cw}=65kA$ RMS SYMMETRICAL.
 - △9. APPLICABLE FOR ALL UPSs EXCEPT GVSUPS10KB2FS & GVSUPS20KB2GS. TWO CABINETS SHOWN. MAXIMUM OF FOUR BATTERY CABINETS CAN BE BAYED WITH THE UPS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
 - △10. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN ONLY BE USED IN SINGLE SYSTEMS WITH NO EXTERNAL MAINTENANCE BYPASS BREAKER.
 11. CABLE LUGS ARE PROVIDED BY OTHERS EXCEPT FOR ADJACENT BATTERY CABINET INSTALLATION.
 - △12. REFER TO GVSMODBC6 DRAWING FOR ADDITIONAL DETAILS.
 - △13. THIS SHEET OF DRAWING IS NOT APPLICABLE FOR BELOW UPS SKU#s: GVSUPS10KB2FS & GVSUPS20KB2GS.

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.



TITLE: GALAXY VS
Input:208V(OR)480/600V AC 3PH,60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
1 MOD UPS WITH MBC & BATTERY-TOP ENTRY
SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS SHEET 6 OF 7

DWG NO:	GVS10K25LGFSIAO-SD	REV.	2
DRAWN BY:	BALA	4-DEC-19	ANGLE
ENGINEER:	C B/P J	12-DEC-19	PROJECTION
APPROVED BY:	C C / S V	12-DEC-19	N. A

LEGEND:	
---	AC CABLE (PROVIDED BY OTHERS)
----	600V DC CABLE (PART OF MODULAR BATTERY CABINET)
----	600V DC CABLE (PROVIDED BY OTHERS)

GALAXY VS 10-25KW 200/208/220V AC IN-200/208/220V AC OUT UPS SYSTEM SITE PLANNING DATA

MAINS INPUT (SINGLE MAINS): 200/208/220V AC, 60HZ 3PH, WYE 4 WIRE+G BYPASS INPUT: 200/208/220V AC, 60HZ, 3PH, WYE, 4 WIRE+G OUTPUT: 200/208/220V AC, 60HZ, 3PH, 4 WIRE+G
MAINS INPUT (DUAL MAINS): 200/208/220V AC, 60HZ 3PH, WYE, 3 WIRE+G NOMINAL DC VOLTAGE: 480V DC, 40 BLOCKS, 9AH, VRLA 12V

UPS RATING (kW)	UPS SKU NUMBER	UPS INTERNAL BATTERY STRING		APPLICABLE MAINTENANCE BYPASS CABINET SKU NUMBER (65kA@480V AC)		APPLICABLE BATTERY CABINET SKU NUMBERS	NOMINAL MAINS INPUT CURRENT (A) @200/ 220/ 208V AC	MAXIMUM INPUT CURRENT (A) @200/ 208/ 220V AC	NOMINAL BYPASS INPUT CURRENT		UPS / SYSTEM OUTPUT CURRENT (A) @200/ 208/ 220V AC	BATTERY CURRENT (40 BLOCKS) (A DC)		UPS WITHOUT MBC RECOMMENDED UPSTREAM PROTECTION I _r RATING (A) (tr@6 I _r IS 0.5 AND I _i (x I _n) IS 1.5) (MAKE: SCHNEIDER ELECTRIC) 3 POLE BREAKERS				WALLMOUNT MBP RECOMMENDED UPSTREAM PROTECTION I _r RATING (A) (tr@6 I _r IS 0.5 AND I _i (x I _n) IS 1.5) (MAKE: SCHNEIDER ELECTRIC) 3 POLE BREAKERS			FLOOR MOUNT MBC RECOMMENDED UPSTREAM PROTECTION I _r RATING (A) (tr@6 I _r IS 0.5 AND I _i (x I _n) IS 1.5) (MAKE: SCHNEIDER ELECTRIC)				
		MAXIMUM CAPACITY	STRINGS INCLUDED	WALLMOUNT	FLOOR MOUNT				PHASE CURRENT (A) @200/208/ 220V AC	NEUTRAL CURRENT (A) @200/208/ 220V AC		FULL LOAD CURRENT @NOMINAL VOLTAGE (480V DC)	FULL LOAD CURRENT @EOD VOLTAGE (384V DC)	MAINS INPUT	BYPASS INPUT	MAINS INPUT	BYPASS INPUT	BREAKER MODEL NUMBER	MAINS INPUT	BYPASS INPUT	BREAKER MODEL NUMBER		MAINS INPUT	BYPASS INPUT	
10	GVSUPS10KB2FS	2	1		N A	N A	31/30/28	37/36/34	29/28/27	50/48/45	29/28/26	22	27	HJF36100U31X		50	40	HJF36100U31X		50	40	HJF36100U31X		50	40
10	GVSUPS10KB4FS	4	1	GVSBPSU60G-WP	GVSBPSU80G	GVSMODBC6 (MAXIMUM BATTERY STRING CAPACITY-6)	31/30/28	37/36/34	29/28/27	50/48/45	29/28/26	22	27			50	40			50	40			50	40
15	GVSUPS15KB4FS		2				47/45/42	56/54/51	44/42/40	75/72/68	43/42/39	33	41			80	60			70	80			80	60
20	GVSUPS20KB4FS		2				62/60/56	74/72/68	58/56/53	100/96/91	58/56/52	44	54			100	80			100	80			100	80
25	GVSUPS25KB4FS		2	GVSBPSU60G-WP/ GVSBPSU80G			78/75/71	91/90/85	73/70/66	125/120/114	72/69/66	55	68	HJF36150U31X	HJF36100U31X	125	100	HJF36150U31X	125	100	HJF36150U31X	HJF36100U31X	125	100	

GALAXY VS 10-25KW 480/600V AC IN-208V AC OUT UPS SYSTEM SITE PLANNING DATA

MAINS INPUT: 480/600V AC, 60HZ 3PH, WYE 3 WIRE+G BYPASS INPUT: 480/600V AC, 60HZ, 3PH, WYE, 3WIRE+G OUTPUT: 208V AC, 60HZ, 3PH, 4 WIRE+G
NOMINAL DC VOLTAGE: 480V DC, 40 BLOCKS, 9AH, VRLA 12V

UPS RATING (kW)	UPS SKU NUMBER	UPS INTERNAL BATTERY STRING		APPLICABLE MAINTENANCE BYPASS CABINET WITH INPUT XFMR SKU NUMBER (65kA@480V AC & 25kA@600V AC)	APPLICABLE BATTERY CABINET SKU NUMBERS	NOMINAL SYSTEM MAINS INPUT CURRENT (A) @480/ 600V AC	MAXIMUM SYSTEM INPUT CURRENT (A) @480/ 600V AC	NOMINAL UPS MAINS INPUT CURRENT (A) @208V	MAXIMUM UPS MAINS INPUT CURRENT (A) @208V	UPS/ SYSTEM OUTPUT CURRENT (A) @208V AC	BATTERY CURRENT (40 BLOCKS) (A DC)		RECOMMENDED UPSTREAM PROTECTION TRIP SETTING @480V/600V AC INPUT (tr @6 Ir(A) IS 4, li(A) IS 6) (MAKE: SCHNEIDER ELECTRIC- HJL36060U31X)	
		MAXIMUM CAPACITY	STRINGS INCLUDED								FULL LOAD CURRENT @NOMINAL VOLTAGE (480V DC)	FULL LOAD CURRENT @EOD VOLTAGE (384V DC)	Ir (A) @480V AC	Ir (A) @600V AC
10	GVSUPS10KB2FS	2	1	N A	N A	13/10	15/12	30	36	28	22	27	20	15
10	GVSUPS10KB4FS	4	1	GVSBPIT25B ##	GVSMODBC6 (MAXIMUM BATTERY STRING CAPACITY-6)	13/10	15/12	30	36	28	22	27	20	15
15	GVSUPS15KB4FS		2			19/15	23/16	45	54	42	33	41	30	20
20	GVSUPS20KB4FS		2			26/20	31/25	60	72	56	44	54	40	35
25	GVSUPS25KB4FS		2			32/26	38/31	75	90	69	55	68	50	40

MAINTENANCE BYPASS CABINET (MBC) SWITCHGEAR DETAIL (MAKE: SCHNEIDER ELECTRIC)		
DEVICE ID	MBC TYPE AND SKU NUMBER	
	GVSBP <u>S</u> U60G-WP (WALLMOUNT)	GVSBP <u>S</u> U80G (FLOOR MOUNT)
UIB / SSIB	150A 600V AC 3P (HJF36150CU31X)	150A 600V AC 3P (HJF36150CU31X)
MBB / UOB	125A 600V AC 4P (BJF46125)	

MAINTENANCE BYPASS CABINET (MBC) SWITCHGEAR DETAIL (MAKE: SCHNEIDER ELECTRIC)	
DEVICE ID	MBC WITH INPUT XFMR SKU NUMBER
	GVSBPIT25B
UIB / SSIB	150A 600V AC 3P (HJF36150CU31X)
MBB / UOB	

TRANSFORMER DETAIL: 30KVA, 600/480V IN- 208V OUT, D-Y, K1

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.

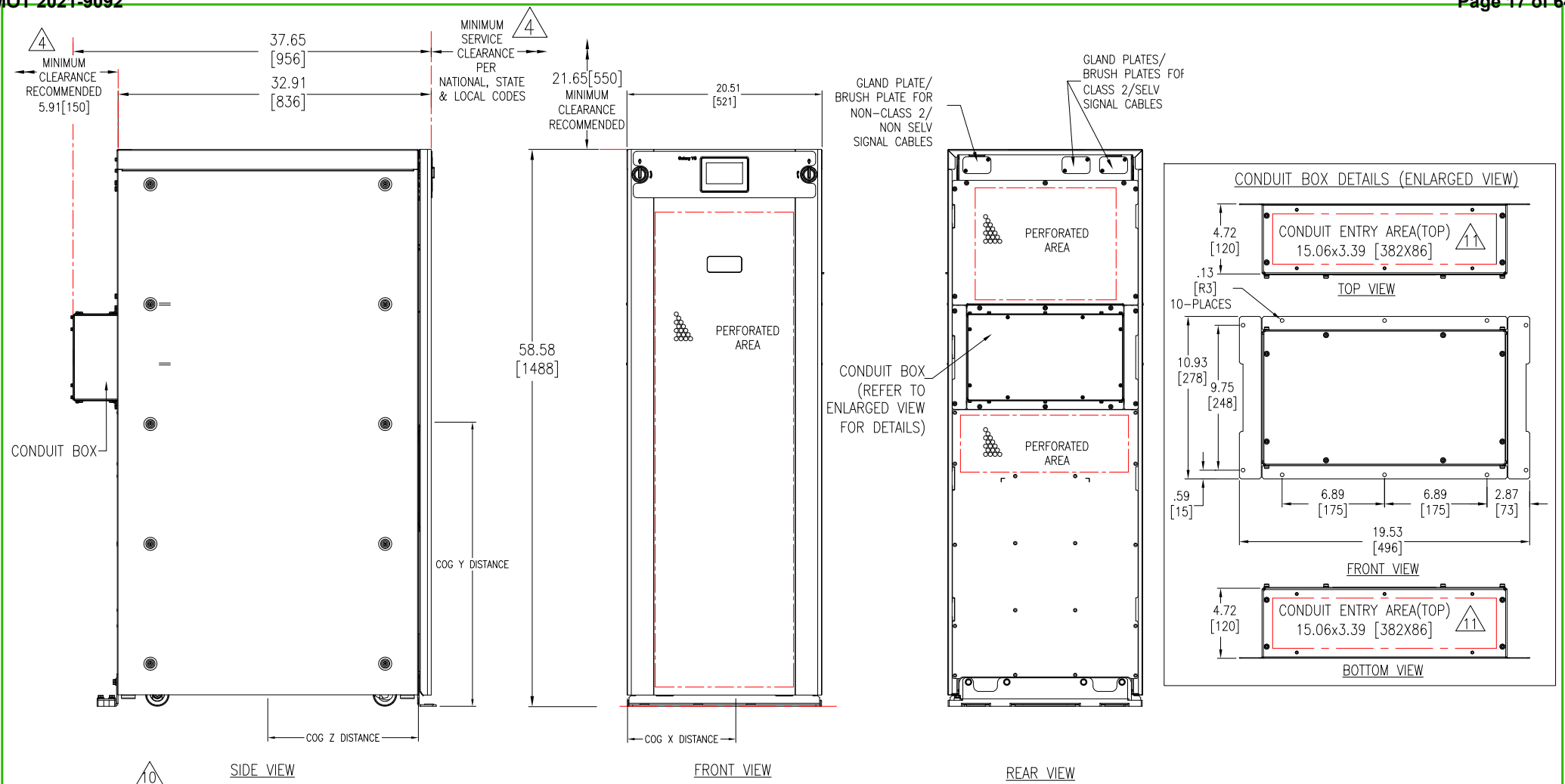
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TITLE: GALAXY VS
Input:208V(OR)480/600V AC 3PH,60Hz SINGLE/DUAL FEED
Output: 208V AC 3PH 60Hz, 10-25kW
10-50kW 1 MOD UPS WITH BATTERY CABINET
BATTERY SOLUTION AND SITE PLANNING
PROJECT: DRAWINGS SHEET 7 OF 7

DWG NO: GVS10K25LGFSAlO-SD
DRAWN BY: BALA 19-DEC-19
ENGINEER: C B/P J 19-DEC-19
APPROVED BY: C C / S V 19-DEC-19

REV. 3
ANGLE
PROJECTION
N.A



10

SIDE VIEW

CENTER OF GRAVITY AND WEIGHT DETAILS -EMPTY FRAME

Details	Center of Gravity in Inches [mm]			Weight lbs [kg]
	X-Distance	Y-Distance	Z-Distance	
UPS Frame (without Power Modules and Battery Modules)	102.36 [260]	301.97 [767]	142.57 [362]	401.2 [182]

10

FRONT VIEW

CENTER OF GRAVITY AND WEIGHT DETAILS

UPS SKU Number	RATING	No. of Batt. Strings included	Center of Gravity in Inches [mm]			Weight lbs [kg]
			X-Distance	Y-Distance	Z-Distance	
GVSUPS10KB4FS	10kW@208V	1				705.5 [320]
GVSUPS15KB4FS	15kW@208V		102.36 [260]	256.9 [650]	164.57 [418]	1014.12 [460]
GVSUPS20KB4FS	20kW@208V	2				
GVSUPS25KB4FS	25kW@208V					

1 BATTERY STRING CONSISTS OF 4 BATTERY MODULES.

WEIGHT OF ONE BATTERY MODULE IS APPROXIMATELY 70.5 lbs [32 kg]

10

REAR VIEW

CENTER OF GRAVITY AND WEIGHT DETAILS

UPS SKU Number	RATING	No. of Batt. Strings	Center of Gravity in Inches [mm]			Weight lbs [kg]
			X-Distance	Y-Distance	Z-Distance	
GVSUPS10K0B4FS	10kW@208V					423.3 [192]
GVSUPS15K0B4FS	15kW@208V	0	102.36 [260]	256.9 [650]	164.57 [418]	450 [204]
GVSUPS20K0B4FS	20kW@208V					
GVSUPS25K0B4FS	25kW@208V					

UPS SKU Number	RATING	No. of Batt. Strings	Center of Gravity in Inches [mm]			Weight lbs [kg]
			X-Distance	Y-Distance	Z-Distance	
GVSUPS20K0B4GS	20kW@480V	1				705.5 [320]
GVSUPS30K0B4GS	30kW@480V		102.36 [260]	256.9 [650]	164.57 [418]	1014.12 [460]
GVSUPS40K0B4GS	40kW@480V	2				
GVSUPS50K0B4GS	50kW@480V					

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. CLEARANCE DIMENSIONS ARE RECOMMENDED FOR AIRFLOW AND SERVICE ACCESS ONLY.
5. ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
6. CABLE ENTRY IS FROM REAR OF THE UNIT.
7. OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C].
8. PROTECTION CLASS: IP20.
9. COLOR: RAL 9003, GLOSS LEVEL 85%.
10. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
11. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.

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Schneider Electric

TITLE: Galaxy VS
UPS 10-25kW 208V / 20-50kW 480V
10-25kW 208V-IN-208V OUT 3PH 60Hz/
20-50kW 480V-IN-480V OUT 3PH 60Hz
GENERAL ARRANGEMENT

DWG NO: GVS10K50FCSAIO

ENGINEER: N R / C B

APPROVED BY: J L

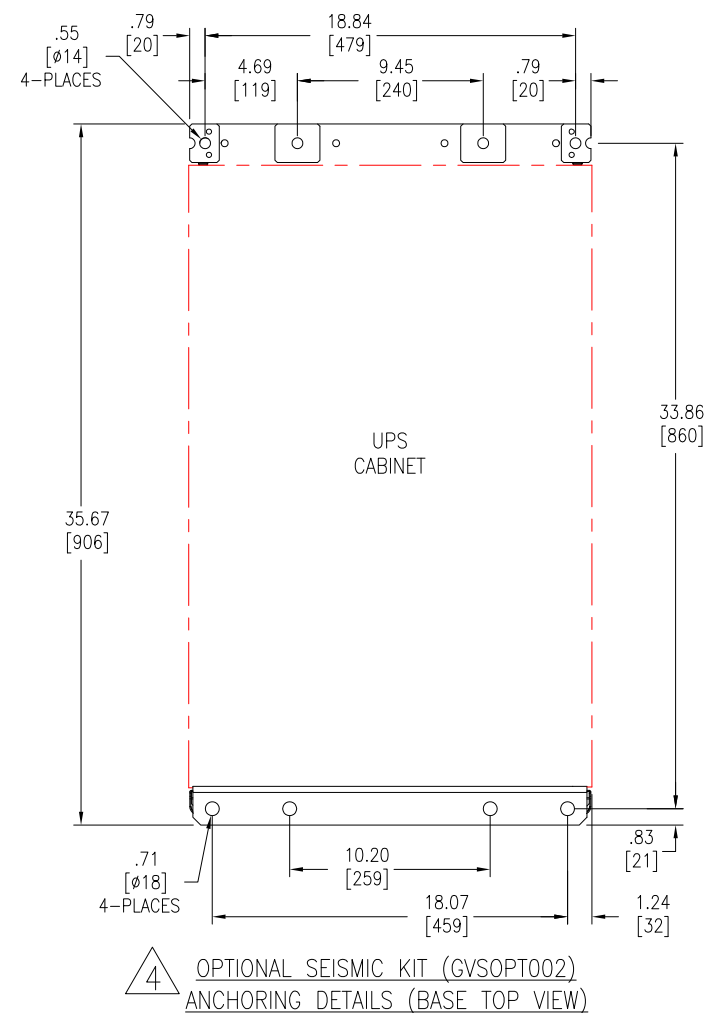
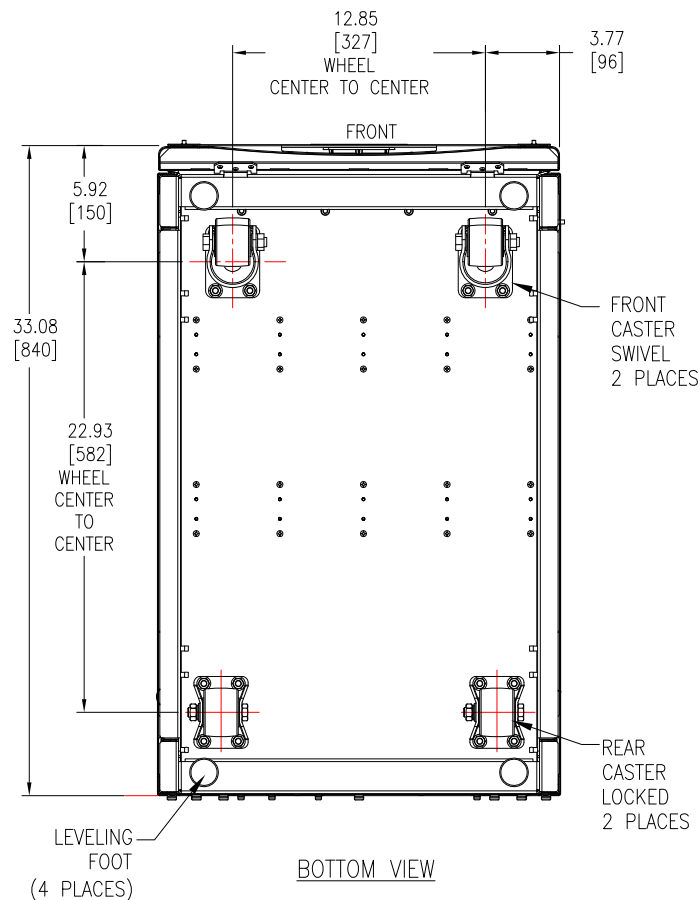
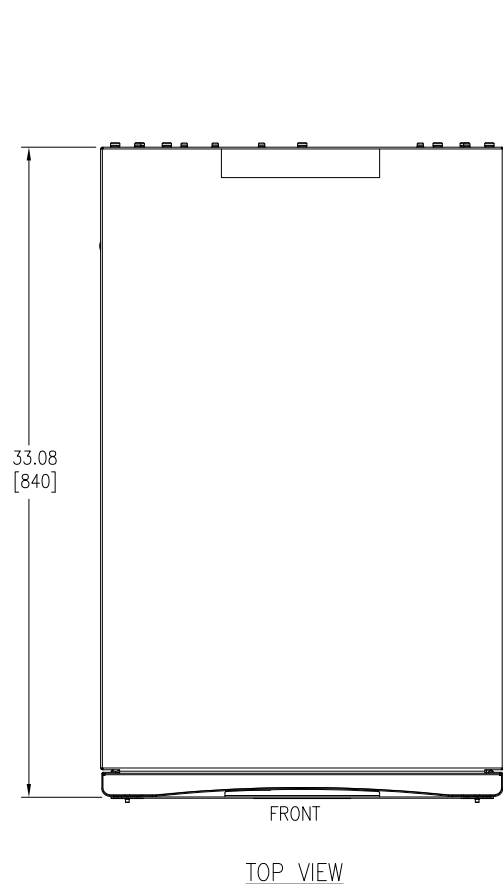
PROJECT: SUBMITTAL DRAWINGS

SHEET 1 OF 4

REV. 2

10-JAN-20

THIRD ANGLE 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.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
- △ 4. SEISMIC LOCATION : OPTIONAL SEISMIC KIT IS REQUIRED.
NON-SEISMIC LOCATION (REUSE THE TRANSPORT FRONT ANCHOR)

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Schneider
Electric

TITLE: Galaxy VS
UPS 10-25kW 208V / 20-50kW 480V
10-25kW 208V-IN-208V OUT 3PH 60Hz/
20-50kW 480V-IN-480V OUT 3PH 60Hz
TOP-BOTTOM VIEWS & ANCHORING

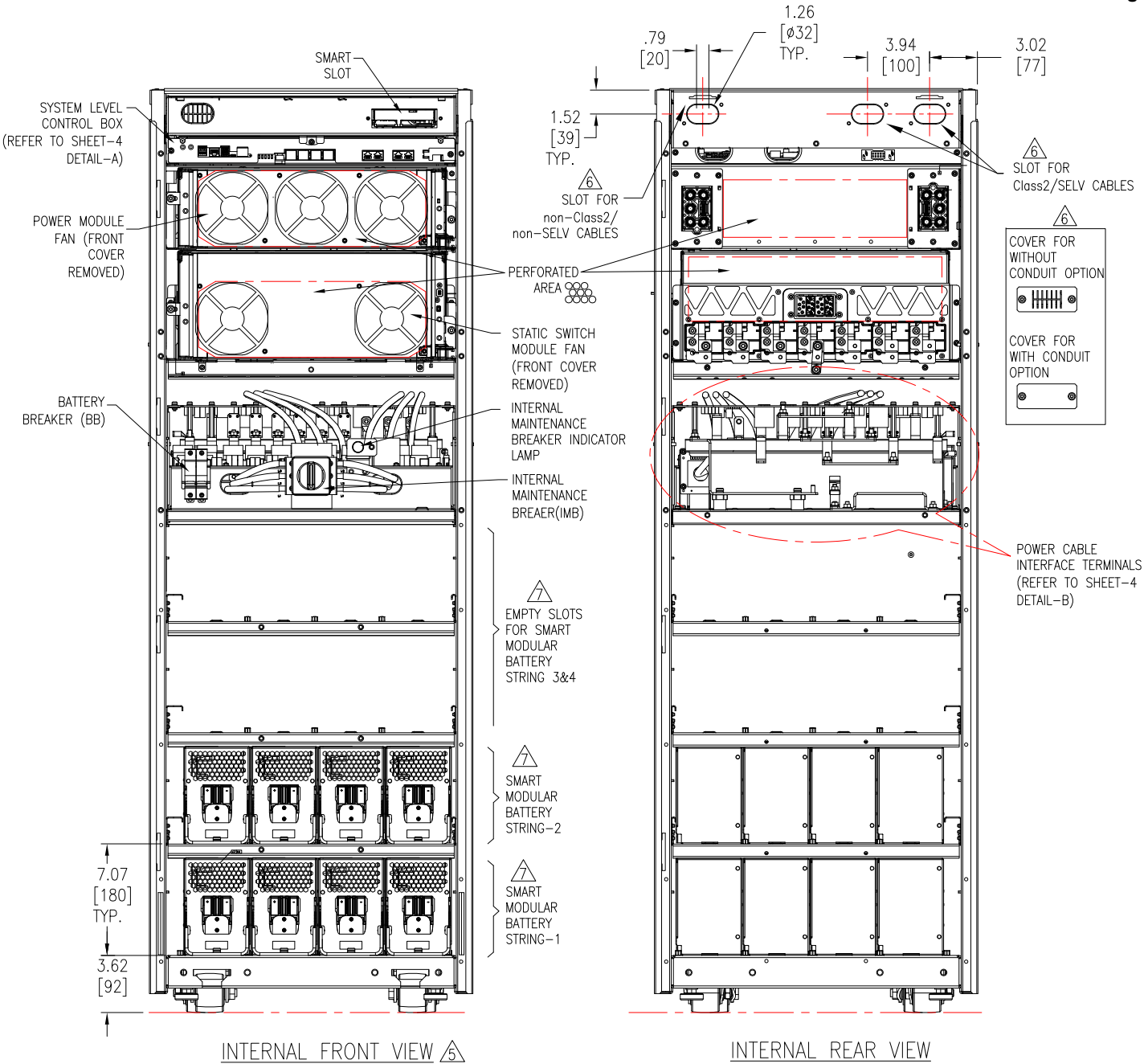
PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 4

DWG NO: GVS10K50FGSAIO
DRAWN BY: K.NAGENDRA
ENGINEER: N R / C B

APPROVED BY: J L

REV. 0
16-SEP-19
15-OCT-19
15-OCT-19
THIRD
ANGLE
PROJECTION

7 BATTERY STRING DETAILS				
VOLTAGE RATING	UPS SKU NUMBER	RATING (kW)	AVAILABLE WITH DEFAULT NUMBER OF STRINGS	MAXIMUM NUMBER OF STRING CAPACITY
208V	GVSUPS10KB4FS	10	1 (GVSBTH4)	4 (GVSBTH4)
	GVSUPS15KB4FS	15	2 (GVSBTH4)	
	GVSUPS20KB4FS	20		
	GVSUPS25KB4FS	25		
	GVSUPS10K0B4FS	10	0 (GVSBTH4)	
	GVSUPS15K0B4FS	15		
	GVSUPS20K0B4FS	20		
	GVSUPS25K0B4FS	25		
480V	GVSUPS20KB4GS	20	1 (GVSBTH4)	
	GVSUPS30KB4GS	30	2 (GVSBTH4)	
	GVSUPS40KB4GS	40		
	GVSUPS50KB4GS	50		
	GVSUPS20K0B4GS	20	0 (GVSBTH4)	
	GVSUPS30K0B4GS	30		
	GVSUPS40K0B4GS	40		
	GVSUPS50K0B4GS	50		



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. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
- △5. FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM GVS10K50LGFSAIO-WD.

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

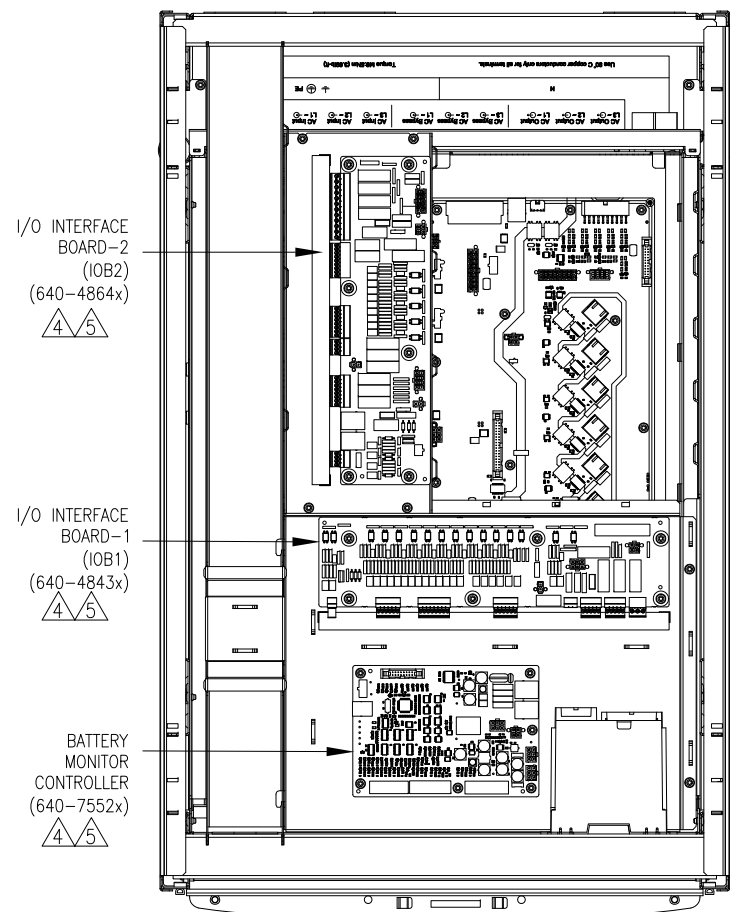
TITLE: Galaxy VS
UPS 10-25kW 208V / 20-50kW 480V
10-25kW 208V-IN-208V OUT 3PH 60Hz/
20-50kW 480V-IN-480V OUT 3PH 60Hz
INTERNAL VIEWS

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4

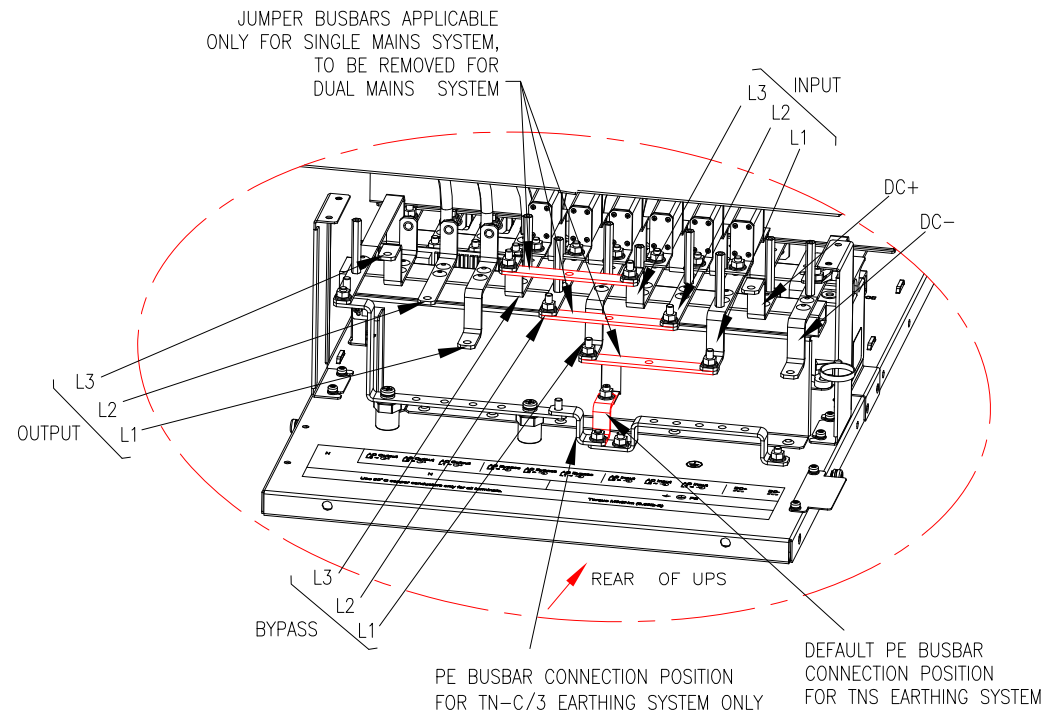
DWG NO: GVS10K50FGSAIO
DRAWN BY: K.NAGENDRA
ENGINEER: N R / C B

APPROVED BY: J L

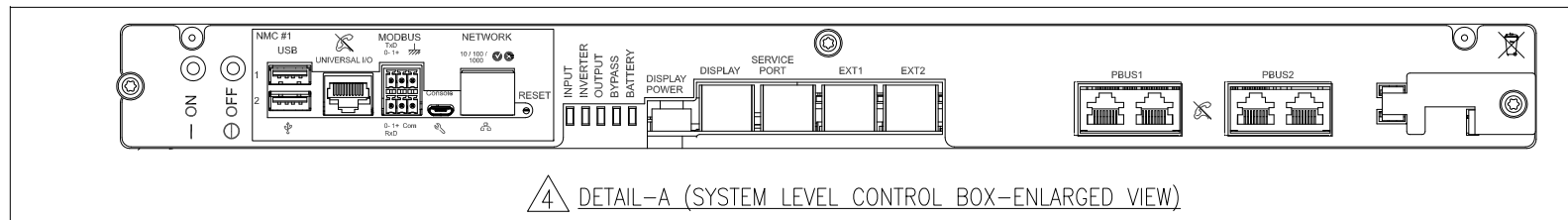
REV. 1
THIRD ANGLE PROJECTION



INTERNAL TOP VIEW



DETAIL-B (POWER CABLE INTERFACE)



△ DETAIL-A (SYSTEM LEVEL CONTROL BOX-ENLARGED 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.
 3. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
- △ 4. FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM GVS10K50LFGSAIO-WD.
- △ 5. FOR LATEST BOARD PART NUMBER CONTACT SCHNEIDER ELECTRIC.

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TITLE: Galaxy VS
UPS 10-25kW 208V / 20-50kW 480V
10-25kW 208V-IN-208V OUT 3PH 60Hz/
20-50kW 480V-IN-480V OUT 3PH 60Hz
INTERNAL DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4

DWG NO: GVS10K50FGSAIO

DRAWN BY: K.NAGENDRA 17-SEP-19

ENGINEER: N R / C B 15-OCT-19

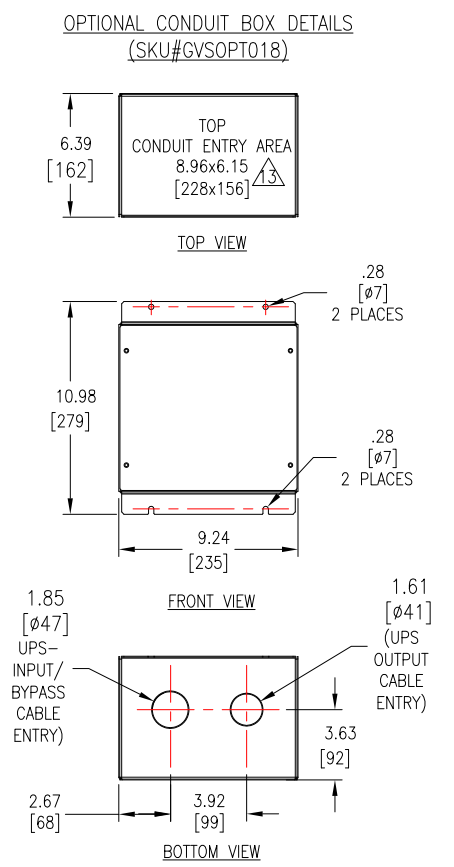
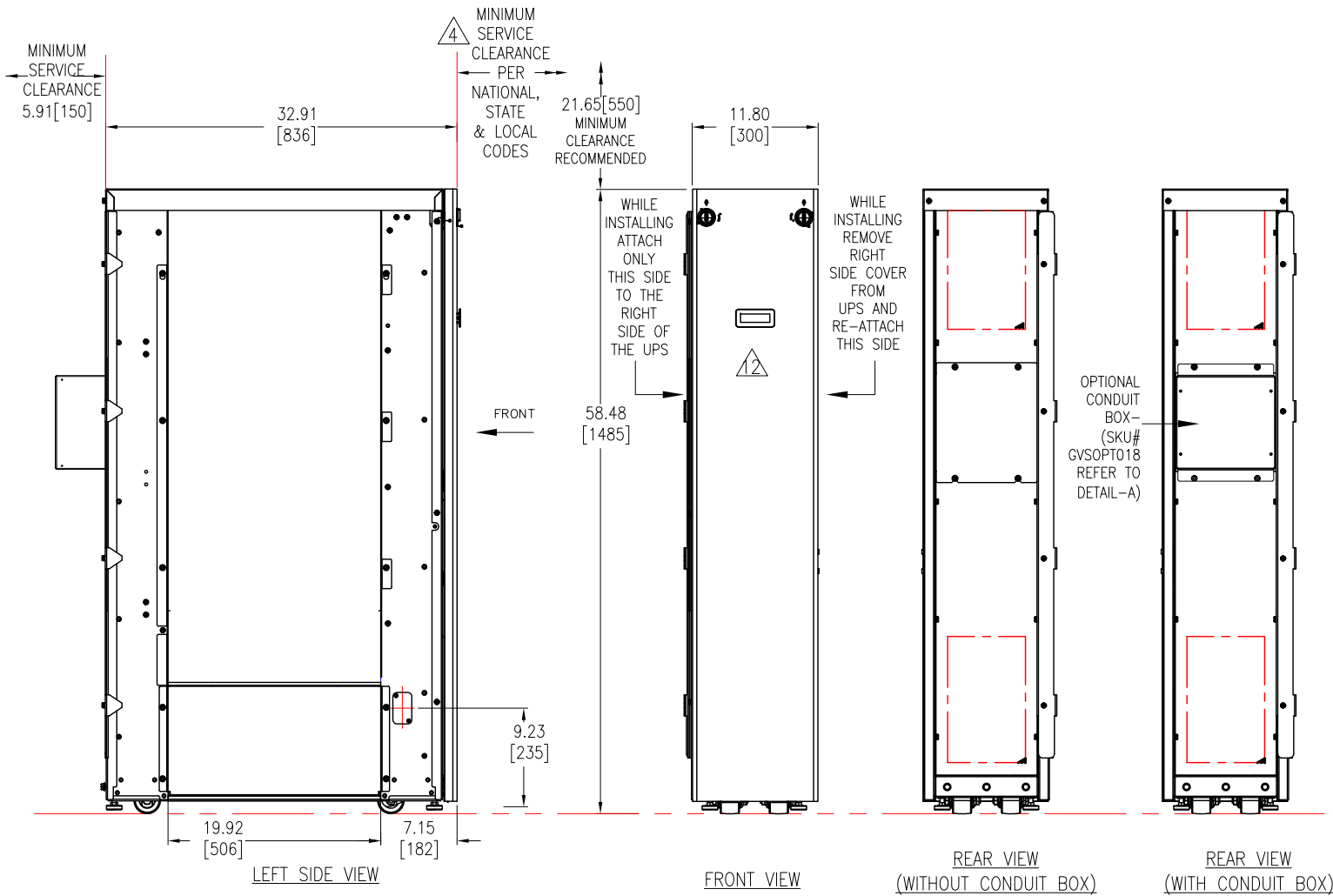
APPROVED BY: J L 15-OCT-19

REV. 0

THIRD

ANGLE

PROJECTION

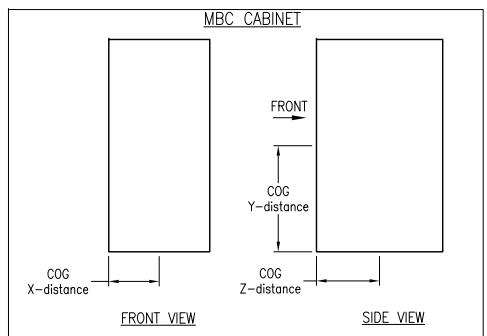


- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
 3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
 4. FRONT ACCESS REQUIRED FOR SERVICE.
- MINIMUM REQUIRED FRONT CLEARANCE IS 38.58[980].
- REAR CLEARANCE REQUIRED IS 5.91[150]. TOP CLEARANCE REQUIRED IS 21.65[550].
5. ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
 6. CABLE ENTRY IS FROM TOP OR BOTTOM OF THE UNIT.
 7. WEIGHT OF THE UNIT IS 242 LBS [110 kg].
 8. OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C].
 9. PROTECTION CLASS: IP20.
 10. COLOR: RAL 9003 WHITE.
- Δ11. THIS INFORMATION PROVIDES APPROXIMATE CENTER OF GRAVITY CALCULATION.
- Δ12. WHILE INSTALLING WITH UPS, REMOVE RIGHT SIDE COVER OF THE UPS UNIT AND ATTACH THE MBC UNIT TO THE RIGHT SIDE OF THE UPS UNIT. RE-ATTACH RIGHT SIDE COVER OF THE UPS TO THE RIGHT SIDE OF THE MBC UNIT.
- Δ13. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.

Δ11

CENTER OF GRAVITY DETAILS

RATING	Center of Gravity in Inches [mm]		
	X-Distance	Y-Distance	Z-Distance
10-80kW	5.91 [150]	28.74 [730]	13.98 [355]



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Schneider Electric

TITLE: Galaxy VS MAINTENANCE BYPASS CABINET 10-80kW
Input: 208/480V, 3PH, 60Hz
Output: 208/480V, 3PH OR 3PH+N, 60Hz
GENERAL ARRANGEMENT

PROJECT: SUBMITTAL DRAWINGS

DWG NO: GVSBSU80C

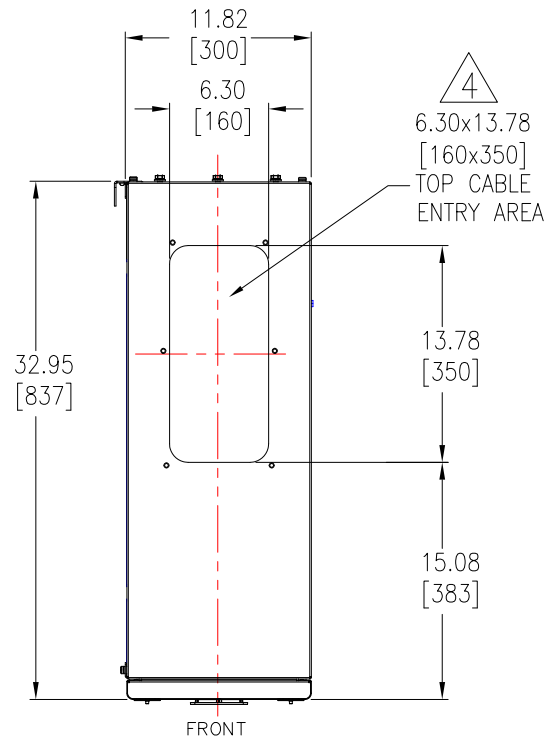
DRAWN BY: K.NAGENDRA

ENGINEER: JIACHEN LIN

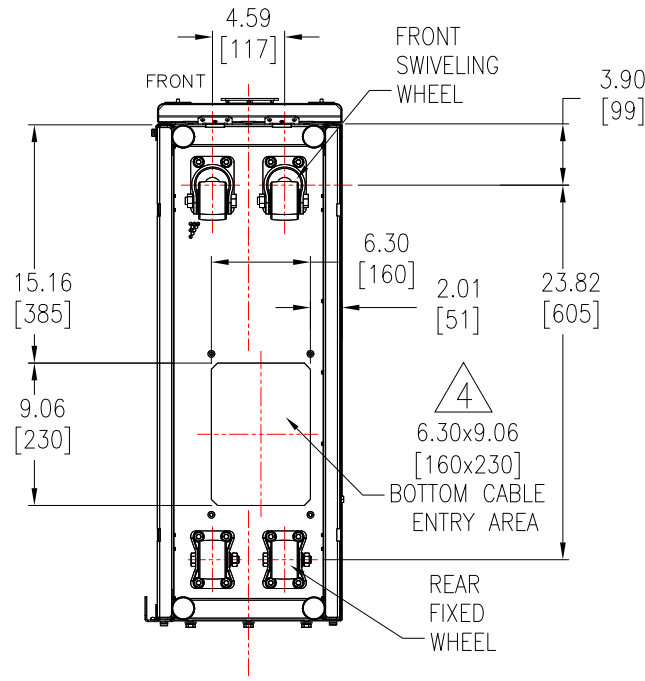
APPROVED BY: JIACHEN L/RENE I

REV. 2

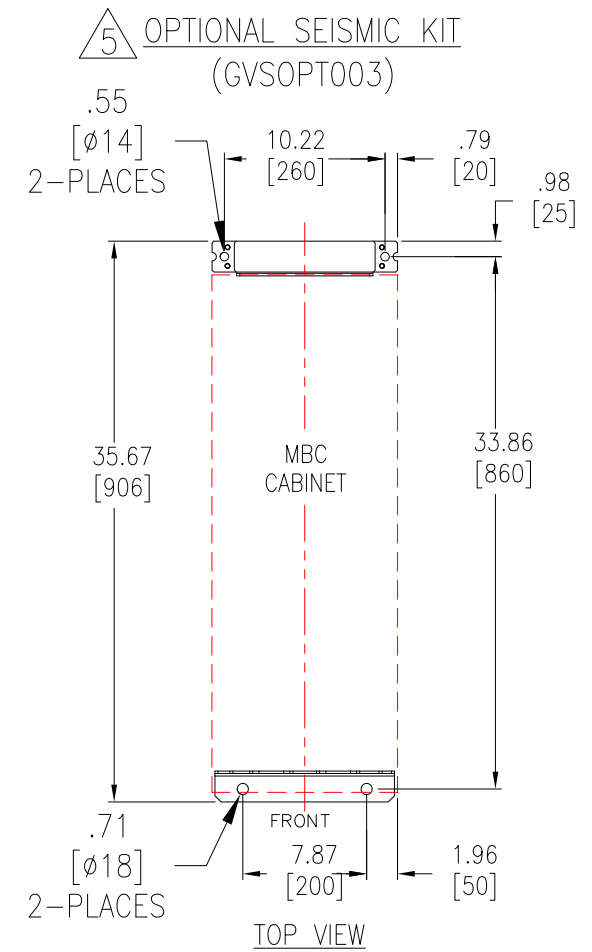
THIRD ANGLE PROJECTION



TOP VIEW
(WITHOUT CONDUIT BOX)



BOTTOM VIEW
(WITHOUT CONDUIT BOX)



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. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
- △ 5. FIXATION OF ANCHORING BRACKETS IS OPTIONAL IN NON-SEISMIC LOCATIONS.

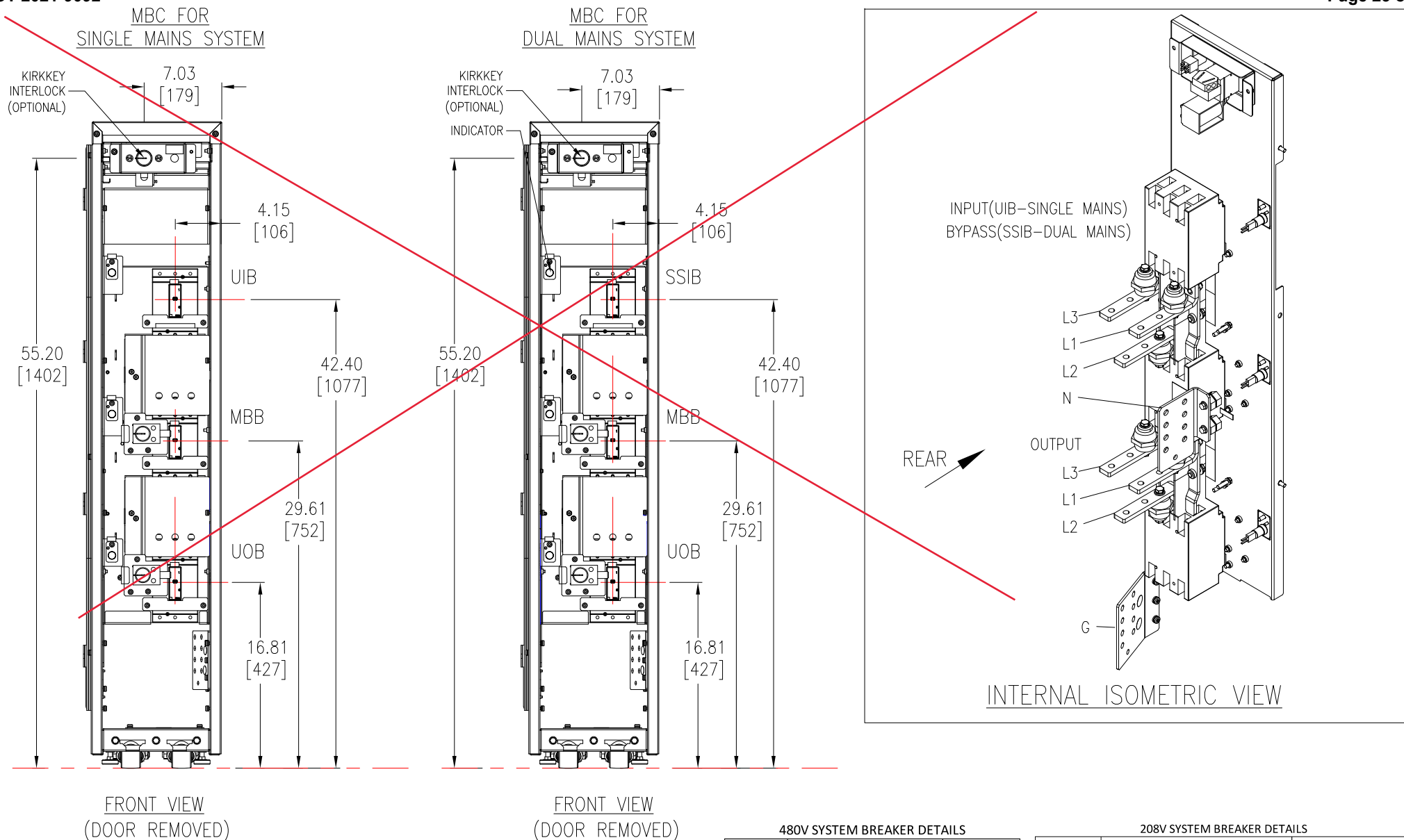
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Schneider
Electric

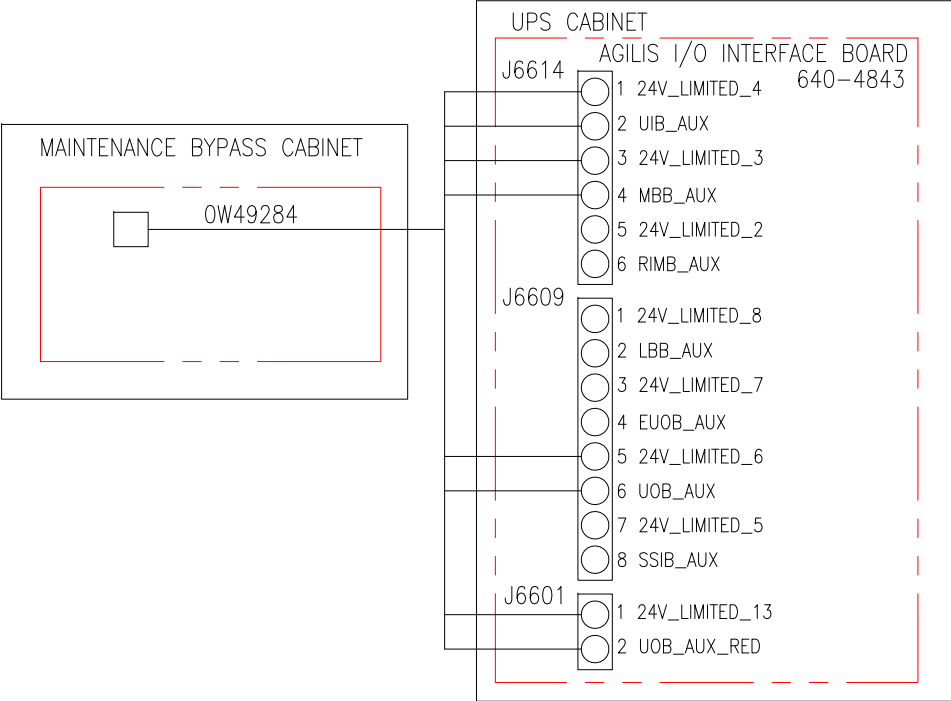
TITLE: Galaxy VS
MAINTENANCE BYPASS CABINET 10-80kW
Input: 208/480V, 3PH, 60Hz
Output: 208/480V, 3PH OR 3PH+N, 60Hz
TOP-BOTTOM VIEWS & ANCHORING

PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 4

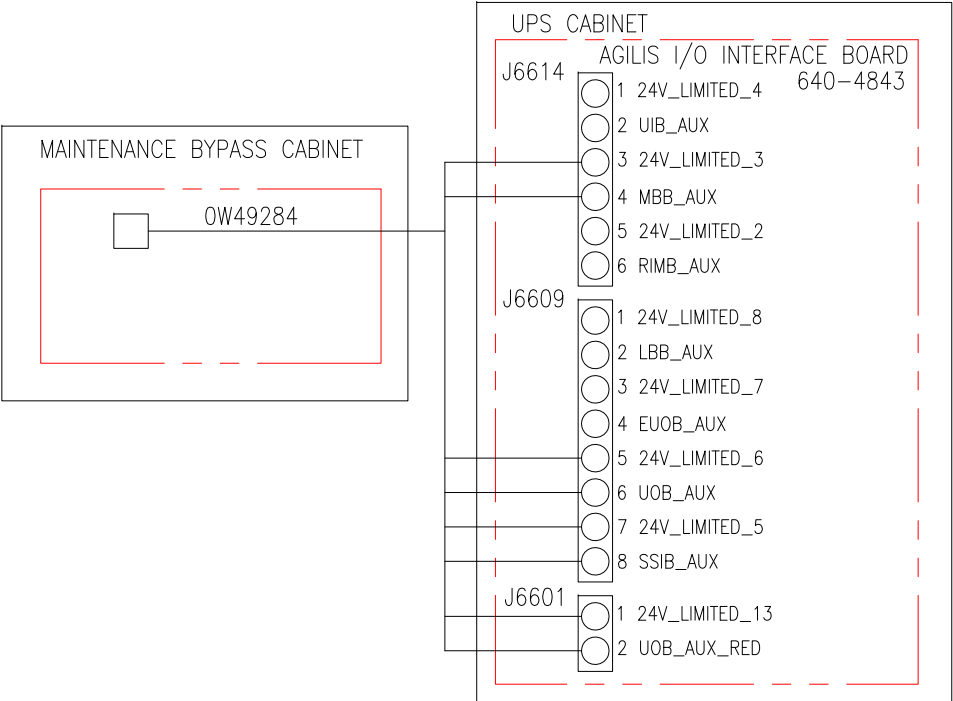
DWG NO:	GVSBPSU80G	REV.	0
DRAWN BY:	K.NAGENDRA	11-JAN-19	THIRD
ENGINEER:	JACHEN LIN	11-JAN-19	ANGLE
APPROVED BY:	JACHEN L/RENE I	11-JAN-19	PROJECTION



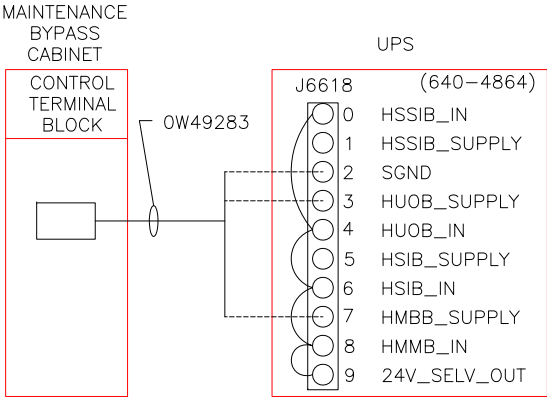
SINGLE MAINS SYSTEM
(non-CLASS 2/non-SELV)



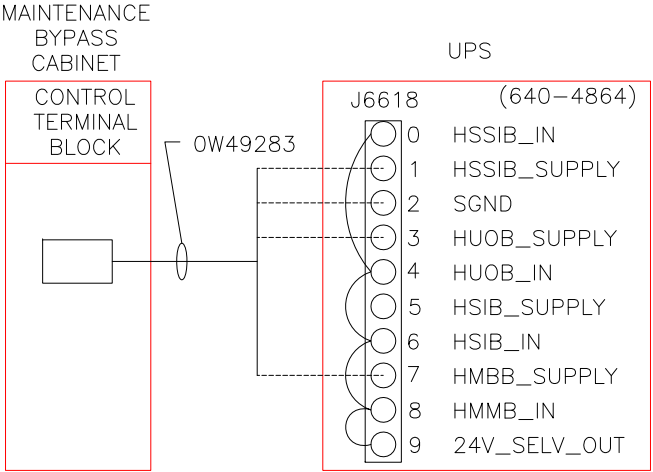
DUAL MAINS SYSTEM
(non-CLASS 2/non-SELV)



SINGLE MAINS SYSTEM
(CLASS 2/SELV)



DUAL MAINS SYSTEM
(CLASS 2/SELV)



- NOTES:
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 2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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TITLE: Galaxy VS
MAINTENANCE BYPASS CABINET 10-80kW
Input: 208/480V, 3PH, 60Hz
Output: 208/480V, 3PH OR 3PH+N, 60Hz
INTERFACE DETAILS

DWG NO: GVSbpsu80C

REV. 1

DRAWN BY: K.NAGENDRA/BALA 15-OCT-19

THIRD

ENGINEER: JACHEN LIN 15-OCT-19

ANGLE

APPROVED BY: JACHEN L/RENE I 15-OCT-19

PROJECTION

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4

2021



Joint Purchasing Program



*DuPAGE
MAYORS AND MANAGERS
CONFERENCE*



*NORTHWEST MUNICIPAL
CONFERENCE*



WILL COUNTY
GOVERNMENTAL LEAGUE

ABOUT THE SPC

The Suburban Purchasing Cooperative is a joint purchasing program sponsored by the Northwest Municipal Conference (NWMC), DuPage Mayors & Managers Conference (DMMC), South Suburban Mayors and Managers Association (SSMMA), and Will County Governmental League (WCGL). Together the SPC represents 142 municipalities and townships in northeastern Illinois.

All public agencies as defined by the Illinois Governmental Joint Purchasing Act, as well as not-for-profit agencies that qualify under Section 45-35 of the Illinois Procurement Code, are eligible to participate in SPC joint purchasing programs.

ILL COMP. STAT. ANN §220/2. Definitions for the purpose of this Act: The term "public agency" shall mean any unit of local government as defined in the Illinois constitution of 1970, any school district, any public community college district, any public building commission, the State of Illinois, any agency of the State government or of the United States, or of any other State, any political subdivision of another State, and any combination of the above pursuant to an intergovernmental agreement which includes provisions for a governing body of the agency created by the agreement.

The SPC exemplifies the benefits of intergovernmental cooperation on a regional basis. The goal of the SPC is to combine the resources and purchasing power of governments and not-for-profit entities to jointly negotiate advantageous contract terms on a line of high quality products at the lowest possible price.

Economies of scale in terms of pricing and staff resources are the prime objectives of the SPC Joint Purchasing Program. By purchasing through the SPC, participants not only save money but time as well. Acting as an extension of the purchaser's staff, SPC staff works diligently in order to avoid the needless duplication of effort through in-house coordination of several functions involved in the procurement process.

Illinois statutes, 525/2 from Ch. 85, par. 1602. (Governmental Joint Purchasing Act), authorizes that any governmental unit may purchase personal property, supplies and services jointly with one or more other governmental units. All such joint purchases shall be by competitive solicitation as provided in Section 4 of this Act.

Since 2007, the SPC Program is centrally operated by the Northwest Municipal Conference with shared program oversight by the SPC Governing Board and SPC Technical Review Committee.

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AMBULANCES

Product Information - **Contract #174**

Type 1 Additional Duty Ambulance

The SPC Governing Board has approved the third of four (4) contract extensions on the SPC 2021-22 Type I Additional Duty Ambulance Contract #174 to Foster Coach Sales Inc. for Horton Emergency Vehicles from January 1, 2021 through December 31, 2021. In addition, new pricing has been approved as follows:

Chassis	2020 Price	2021 Price
2021 MY Ford Diesel F-550 4x4 Per SPC Specifications	\$292,244.00	\$295,881.00
Option:		
2021 MY Ford Gas F-550 4x4 (7.3-liter V-8)	\$284,257.00	\$287,799.00
*Deduct (\$2,593.00) for a 2WD (4x2) Chassis		
Alternate Chassis Options:		
2022 MY Freightliner M2 Per SPC Specifications	\$316,110.00	\$318,974.00
*Add \$10,500.00 for Liquid Spring Suspension in Lieu of Air Ride		
2022 MY International MV607 Per SPC Specifications	\$315,424.00	\$318,877.00
*Add \$7,747.00 for Liquid Spring Suspension in Lieu of Air Ride		
2021 MY International CV 4x4 with Liquid Spring Suspension	N/A	\$303,192.00
*Deduct (\$2,800.00) for a 2WD (4x2) Chassis		

Ordering Information

Orders are placed directly with Foster Coach Sales, Inc.

Foster Coach Sales, Inc.
 PO Box 700, 903 Prosperity Drive
 Sterling, IL 61081
 Contact Person: P.J. Foster
 P: 800-369-4215 x7 Cell: 630-470-5687
 F: 815-625-7222
pj@fostercoach.com

AMBULANCES

Product Information - Contract #177

Type 3 Medium Duty Ambulance

The SPC Governing Board has approved the Third of four (4) one-year contract extensions on the 2022 Type III Medium Duty Ambulance Contract (#177) to both Foster Coach, Sterling, IL and Fire Service, Inc., Naperville, IL through July 16, 2022.

Chassis	Foster Coach	Fire Service
2023 Ford E-450 7.3 Liter V-8 Gas Engine per speci-	\$285,279.00	\$288,495.00
2022 Chevrolet G-4500 6.6 Liter V-8 Gas Engine	\$279,306.00	\$285,165.00

In addition, Foster Coach is still offering prepayment discounts of \$4,221.00 on the Ford E450 and \$4,132.00 on the Chevrolet G-4500 to all SPC contract participants based on the total cost of the new ambulance:

Ordering Information

Foster Coach Sales, Inc.

PO Box 700, 903 Prosperity Drive
Sterling, IL 61081

Contact Person: P.J. Foster

P: 800-369-4215 x7 Cell: 630-470-5687 F: 815-625-7222

pj@fostercoach.com

Fire Service, Inc.

1805 High Grove Lane, Naperville, IL 60540

Contact: Jeff LeBeda

P: 630-546-5232 Indiana Office: 219-365-7157

F: 800-578-4281

jeff@fireserviceinc.com

DIESEL FUEL INCLUDING GASOLINE (87, 89 & 92 OCTANE), ETHANOL 75 & 85 and B2 BIO DIESEL FUEL

Product Information - Contract #198

The SPC Governing Board has approved the first of three (3) one-year contract extensions of the 2021 Gasoline (87, 89, & 92 Octane), Diesel Fuel, Ethanol 75 & 85 and B20 Bio Diesel Fuel Contract (#198) to Al Warren Oil Co., Inc. from July 6, 2021 through July 5, 2022. The SPC reserves the right to extend the contract for two additional (1) one-year periods under the same terms and conditions of the original contract.

Prices are based on **OIL PRICE INFORMATION SERVICE (OPIS) Low Chicago** published price per gallon dated **June 8, 2020** plus or minus the bidder's profit/overhead ("contractor mark-up"). The price per gallon will be based on the low posted for the day of delivery. The mark-up amount will remain firm throughout the term of the contract.

Ordering Information

Every municipality and government agency in the State of Illinois is authorized to participate in this program. To participate in this contract, please contact Shaleen Okon at 312-881-9324 with your billing and delivery address along with a contact name. **All billing is handled by Al Warren Oil, Inc.**

Al Warren Oil Co., Inc.
1646 Summer Street
Hammond, IN 46320
C: 312-881-9324 F: 219-228-5259
Contact Person: Shaleen Okon
sokon@alwarrenoil.com

LIQUID CALCIUM CHLORIDE

The new LCC **Contract #194** with Sicalco is effective through December 4, 2021.

Product Information

Liquid Calcium Chloride is used as a winter maintenance application to melt ice both economically and effectively.

Ordering Information

Orders are placed directly with Sicalco Ltd.

Sicalco Ltd.

522 Chestnut, Suite GB
Hinsdale, IL 60521
Contact Person: Frank Sibr
P: 630-371-2655 F: 630-371-1026
fsibr@sicalco.net

Pricing

Orders are placed directly through Sicalco. Billing is performed by the vendor.

Price/Gal	Delivery	Total Delivered Price
\$0.4828	\$0.140	\$0.6228

Billing shall also include a line item for the SPC administrative fee of \$0.02 per gallon for total actual gallons purchased.

ELECTRICAL LIGHTING & SERVICES

Product Information - **Contract #192**

The SPC Governing Board is pleased to announce the award of Electrical Lighting, Data/Communication, Networking, Wireless, Security and Related MRO Supplies and Services (Contract #192) to GraybaR, St. Louis, MO by piggybacking onto the Omnia Partners Contract #EV2370 awarded by lead agency, the City of Kansas City, according to the State of Illinois statues, 525/2 from Ch. 85, par. 1602. (Governmental Joint Purchasing Act), which authorizes any governmental unit may purchase personal property, supplies and services jointly with one or more other governmental units. The contract is effective immediately and will expire on January 31, 2023. The contract can then be renewed annually for the duration of the contract, which expires January 31, 2029.

The SPC will work with Graybar to rollout the program in detail to all interested members. In the meantime, we are pleased to announce the soft launch so you can begin utilizing the contract immediately.

Graybar, a Fortune 500 company is a leading distributor of data/communication, networking, wireless, security, electrical and lighting products. OMNIA Partners lowers your overall project and purchasing costs while providing the quality of service and expertise customers expect from Graybar.

Over 4,000 of our associates actively work in support of participating public agencies each year - from locations right down the street. With over \$500 million in inventory, material is available when and where our OMNIA Partners customers need it.

Graybar operates a centralized Call Center to support our State/Local Government and Education customers. Call Center agents assist customers on a regional basis and support order requests through local branch or service center inventory.

The program offers their best overall value to a state and local government agency. Graybar/OMNIA has worked with their key Graybar suppliers to negotiate reduced costs wherever possible on frequently purchased items in the core list provided. For items frequently purchased by multiple agencies, our proposal targets 5 - 10% savings to the participants assuming a consistent mix of product purchases.

The contract is good for:

Electrical: A complete and comprehensive offering of wholesale electrical supplies such as, but not limited

- Conduit, Wire, Boxes, Fittings, Devices, Enclosures, Fuses, Power Distribution and Control and Related General Electrical Materials

Lighting: A complete and comprehensive offering of wholesale lighting products such as, but not limited to:

- Lamps, Ballasts, Fixtures, Controls, all related Lighting and LED Products

Value Added Services: A complete and comprehensive offering of value-added services to support products submitted in the vendor's proposal. Services may include, but are not limited to: Assessment, Repair, Renovation, Installation, Testing, Inventory, Emergency, Training and other related services that may be offered by Supplier

Related Maintenance, Repair and Operation (MRO) and Other Products: A complete and comprehensive offering of related wholesale MRO and other products to support agency-specific needs

Graybar Communication/Security Products and Services

- Data / Communication, Networking & Wireless: A complete and comprehensive offering of wholesale data/communication, networking, and wireless supplies such as, but not limited to:
- Networking & Wireless, Copper/Fiber Cabling, Connectivity and Termination, Power Backup & Power Protection, Racks, Cabinets and Enclosures, Raceway, and Wire-Way

Security: A complete and comprehensive offering of wholesale security products such as, but not limited to:

- Cameras, Monitoring, Entrance Protection, Fire, and Intrusion

Disaster Preparedness

While disasters or emergencies are not something we like to think about, the reality is they happen — and Graybar is prepared. We have the locations, processes and products available to assist our public agencies in the event of an emergency or disaster. As a leading distributor of electrical, lighting, data/communications, networking and security products, Graybar helps its customers power, network and secure their facilities with speed, intelligence, and efficiency. Graybar can quickly provide the materials necessary in an emergency situation to set up command centers, power-up shelters, set up security systems, repair or replace damaged electrical, lighting and communication systems.

Other Graybar Services:

Product Kitting

Just in Time (JIT) Benefits

Graybar Financial Services

Project Order Management

Smartstock Streamlines Replenishment Process

Material Staging

Technical Assistance

Ordering Information

Orders are placed directly on the OMNIA Partners/Graybar website:

<https://www.graybar.com/store/en/gb?hssc=258705621.1.1581017497990&hstc=258705621.144c74dd2381d1f7c1f96c7166b69fa.1581017497989.1581017497989.1581017497989.1&hsfp=2516081976&hsCtaTracking=78be873b-89db-4800-b02a-f216c8663b75%7C6001d77f-5f44-4d17-bb23-32e3d7f4d4d6>

Billing is performed by the vendor.

If you need help getting started, have questions or need additional information, please contact Omnia Partners Public Strategic Contract Manager Jeff Peskuski.

GraybaR

1164 LaFayette Drive

South Elgin, IL 60177

Contact Person: Jeff Peskuski

Direct: 314-573-7154 Cell: 630-640-4905

Jeff.Peskuski@graybar.com

OFFICE SUPPLIES & JANITORIAL SUPPLIES

Warehouse Direct - Contract #189

COMBINED OFFICE SUPPLIES & JANITORIAL SUPPLIES

The SPC Governing Board is pleased to announce the award a combined Office Supplies & Janitorial Supplies Contract (#189) by piggybacking onto the National Cooperative Purchasing Alliance (NCPA) agreement with American Office Products Distributors (AOPD), solicited and awarded by lead agency Region XIV Education Service Center, Abilene, TX according to the State of Illinois statutes, 525/2 from Ch. 85, par. 1602. (Governmental Joint Purchasing Act), which authorizes any governmental unit may purchase personal property, supplies and services jointly with one or more other governmental units. The contract is effective immediately and will expire on May 31, 2023. The contract can then be renewed annually for an additional two years, if mutually agreed on by Region XIV ESC and American Office Products Distributors, Inc. (AOPD).

Warehouse Direct has been a valued vendor for the SPC for over ten years. Combining Office Supplies and Janitorial Supplies onto one contract will simplify ordering for contract participants.

Under this Agreement, all Suburban Purchasing Cooperative members, non-profit and "public agency" participants will be grouped under one Master SPC Account to aggregate all purchases towards volume rebate incentives. Additionally, individual entities will receive up to a 1% e-commerce rebate paid in the form of a credit towards future purchases no later than 45 days from the end of each quarter (40-79% online = 0.5% rebate; 80% or more purchased online = 1% rebate).

Ordering Information

Office Supplies & Janitorial Supplies

To set up your account please contact your local sales support team:

Please contact either Spencer Touchie or Rick Schackle, or their respective customer service contacts, Kathy Johnson 847-631-7194 or Margaret Dawson 847-631-7177.

Warehouse Direct Workplace Solutions

2001 S. Mount Prospect Rd.
Des Plaines, IL 60018

Spencer Touchie, Account Executive, 847-631-7188

stouchie@warehousedirect.com

Rick Schackle, Account Executive, 847-631-7428

rickschackle@warehousedirect.com

Orders placed today will be delivered next day. Office supplies and janitorial supplies use the same delivery trucks. Orders may be consolidated or placed separately by phone, fax, or online the same as office products. There is no minimum order requirement and standard delivery is free.

TELECOMMUNICATIONS PROGRAM

Product Information - Contract #188

SPC Telecommunications Contract Extension

The Suburban Purchasing Cooperative's Governing Board has approved the second of four (4) possible one-year contract extensions on the SPC 2021 Telecommunication Services Vendor for Term Contract (#188) to Call One, Inc. Chicago, IL from June 1, 2021 through May 31, 2022. The SPC reserves the right to extend the contract for up to (2) two additional one-year terms upon mutual agreement of both the vendor and the SPC on a negotiated basis.

Call One provides a one-stop source for:

- Local Services
- Long Distance Service
- Analog and Digital Circuits
- Data Services
- Data Center
- Equipment Solutions
- Support
- Billing
- Continuity
- Cloud Based Solutions

Billing is performed by Call One. Call One charges a \$10.00 paper invoice fee, but may be accessed online at no cost.

Call One

225 W. Wacker Drive

Chicago, IL 60606

Contact Person: Peter Lock

Phone: 312-800-0093 Mobile: 312-282-9637

plock@callone.com

THERMOPLASTIC ROAD STRIPING

Product Information - Contract #201

The Suburban Purchasing Cooperative (SPC) is pleased to announce the award of the 2021 Thermoplastic &/or Urethane Lane Marking Material and Labor Road Marking Program (Contract #201) to Superior Road Striping, Melrose Park, from April 12, 2021 through April 11, 2022 with three (3) possible, one-year contract extensions.

Ordering Information

Contact Superior Road Striping directly with any questions and to schedule work for your municipality.

Superior Road Striping

1967 Cornell Avenue

Melrose Park, IL 60160

Contact: Joan Yario or Sandy DeHoyos

P:708-865-0718 F:708-865-0296

thermopros@sbcglobal.net

Thermoplastic Pavement Marking Line

Item Description	2021 Unit \$
4" Marking Line	\$0.53
6" Marking Line	\$0.75
12" Marking Line	\$1.50
24" Marking Line	\$3.75
Marking Letters & Symbols	\$3.75
Removal	\$0.30

Urethane Pavement Marking Line

Item Description	2021 Unit \$
4" Marking Line	\$0.50
6" Marking Line	\$1.00
12" Marking Line	\$2.00
24" Marking Line	\$4.00
Marking Letters & Symbols	\$5.00

Note: All unit prices are per foot, except Letters & Symbols and Removal, which are priced per square foot.

This award is not in conjunction with the Illinois Department of Transportation, so participating communities may not utilize Motor Fuel Tax (MFT) funds. However, Superior Road Striping must comply with all IDOT rules and regulations, as well as prevailing wage and certified payroll.

VEHICLES

The SPC offers the following vehicles: administrative vehicles, pick-up trucks, chassis cabs, sport utility vehicles, police pursuit vehicles, street sweepers, sewer cleaner trucks, cargo van and also hybrids. Each vehicle is listed with a base unit price, additional options are available. Vehicle specification sheets that include pricing and additional options may be found on our website, www.spc-il.org.

Each vehicle purchased will be assessed an administrative fee that is payable within the dealer's invoice.

Orders are placed directly with the dealer, who also performs the billing.

*Please note that order cut off dates are sometimes extended by the vehicle manufacturer. Call the dealership for further information.

ADMINISTRATIVE VEHICLES**Product Information - Contract #175**

2022 Chevrolet Bolt EV 5 Door Hatchback \$28,875.00

All Electric Vehicle Contract

The 2022 Chevrolet Bolt EV 5 Door Hatchback Plus Option Packages and Other Options (contract #175) is the first all-electric vehicle under contract. At the SPC contract price of \$28,875.00, the Bolt EV is the first affordable all-electric car to offer an EPA-estimated 238 miles of range on a single charge. It's on point with some of the most technologically advanced features and airy spaciousness.

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors Chevrolet

8401 W. Roosevelt Rd.

Forest Park, IL 60130

P: 630-877-5076

Contact Person: Tom Colgan

tom@curriemotors.com

tsullivan@curriemotors.com

The final contract extension for the 2022 Chevrolet Bolt runs through the end of the 2022 model year.

TRUCKS

Product Information

Contract #178-Ford F-250 Super Duty Pick Up: \$23,440.00

Contract #184-Ford F-350 XL Chassis Cab: \$24,360.00

Contract #181-Ford F-450 XL Chassis Cab: \$32,050.00

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors

10125 W. Laraway Rd.

Frankfort, IL 60423

P: 815-464-9200 F: 815-464-7500

Contact Person: Tom Sullivan

tsullivan@curriemotors.com

The 2022 Ford F-250 and F-450 contracts are effective through the end of 2022 model year. The order cut-off date is November 12, 2021.

The 2022 Ford F-350 XL Chassis Cab contract is effective through August 21, 2021.

Product Information - Contract #182

2022 Ford F-550 XL 4x2 Chassis Cab: \$32,247.00

The contract for the Ford F-550 runs through July 17, 2022.

Ordering Information

Orders are placed directly through Sutton Auto Group, a MBC certified vendor. Billing is performed by the dealer.

Sutton Auto Group

21315 Central Ave M., Matteson, IL 60443

Cell: 219-201-1819

Contact Person: Kyle Mohrbach

kmohrbach@suttonford.com

Product Information

Contract #187-Ford F-150 XL (2WD) Regular Cab: \$19,850.00

Contract #180-Ford F-350 XL 4x2 Pick Up: \$23,475.00

Ordering Information

Orders are placed directly through Roesch Ford. Billing is performed by the dealer.

Roesch Ford

333 W. Grand Avenue

Bensenville, IL 60106

630-279-6000 ext. 2254

Contact Person: Fred Seng

fredseng@roeschford.com

The 2021 Ford F-150 contract extension is from January 14, 2021 through January 13, 2022.

The contract for the 2021 Ford F-350 runs through July 17, 2021.

Product Information - Contract #186

2021 Chevrolet Silverado

Regular Cab 1500 Work Truck: \$23,993.00

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors Chevrolet

8401 W. Roosevelt Rd.

Forest Park, IL 60130

P: 630-877-5076

Contact Person: Tom Colgan

tom@curriemotors.com

Contact Person: Tom Sullivan

tsullivan@curriemotors.com

The contract for the 2021 Chevy Silverado model year rollover runs through November 21, 2021.

VANS**Product Information - Contract #150**

2021 Ford Transit Full Sized Van: \$23,200.00
Plus Option Packages and Other Options

The SPC Governing Board has approved the rollover contract pricing on the 2021 Ford Transit Full Sized Van with Option Packages and Other Options to Currie Motors, Frankfort IL through the end of production of the 2021 model year.

The order cut-off date is April 2, 2021.

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors

10125 W. Laraway Rd.
Frankfort, IL 60423
P: 815-464-9200 F: 815-464-7500
Contact Person: Tom Sullivan
tsullivan@curriemotors.com

Product Information - Contract #190

2020 Ford Transit Connect XL: \$21,051.00
2020 Ford Transit Connect XLT: \$23,254.00

Ordering Information

Orders are placed directly through Roesch Ford. Billing is performed by the dealer.

Roesch Ford

333 W. Grand Avenue
Bensenville, IL 60106
630-279-6000 ext. 2254
Contact Person: Fred Seng
fredseng@roeschford.com

The contract for Ford Transit Connect runs through April 21, 2021.

POLICE PURSUIT VEHICLES

Product Information – Contract #179

2021 Ford F-150 Police Responder: \$34,472.00

The Ford F-150 Police Responder is the first-ever pursuit-rated pickup truck. Off-road capability includes a purpose-tuned suspension, electronic-locking rear axle and underbody skid plates. Brakes have been upgraded compared to the consumer F-150, and police-pursuit calibrated.

The 2021 Model Year of the F-150 is a complete redesign. For questions or additional information, please contact Fleet Manager Kyle Mohrbach. Sutton Ford is a MBE certified vendor.

Ordering Information

Orders are placed directly through Sutton Auto Group. Billing is performed by the dealer.

Sutton Auto Group

21315 Central Ave M

Matteson, IL 60443

Cell: 219.201.1819

Contact Person: Kyle Mohrbach

kmohrbach@suttonford.com

The Ford F-150 Police Responder contract is effective through July 17, 2022.

Product Information – Contract #152

2021 Ford Utility Police Interceptor AWD Hybrid: \$35,259.00

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors

10125 W. Laraway Rd.
Frankfort, IL 60423
P: 815-464-9200 F: 815-464-7500
Contact Person: Tom Sullivan
tsullivan@curriemotors.com

The final contract extension for the Ford Utility Interceptors is effective through the end of the 2021 model year.

Product Information – Contract #185

2021 Chevrolet Tahoe Patrol Package: \$34,007.80

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer. The factory order cut off date is February 26, 2021.

Currie Motors Chevrolet

8401 W. Roosevelt Rd.
Forest Park, IL 60130
P: 815-412-3227
Contact Person: Tom Sullivan
tsullivan@curriemotors.com

The contract extension for the Chevrolet Tahoe is effective through September 12, 2021.

**NEW 2021 DODGE POLICE PURSUIT & SPECIAL SERVICE
VEHICLE CONTRACTS!**

The following contracts have been awarded from November 4,
2020 through November 3, 2021.

Product Information - Contract #200

2021 Dodge Charger Pursuit Vehicles

RWD: \$24,985.00

AWD: \$26,982.00

Product Information - Contract #201

2021 Dodge Durango Vehicles

RWD SSV V6: \$27,444.00

RWD SSV V8: \$30,050.00

AWD Pursuit V6: \$29,997.00

AWD Pursuit V8: \$32,603.00

Product Information - Contract #202

2021 Dodge Ram 1500 SSV Crew Cab: \$26,961.00

Ordering Information

Orders are placed directly through Roesch Chrysler Jeep
Dodge. Billing is performed by the dealer:

Roesch Chrysler Jeep Dodge
303 W. Grand Ave.
Bensenville, IL 60106
Contact Person: Michael Hilmers
Government & Fleet Sales Manager
630-279-6000 (office)
630-247-5383 (cell)
630-451-3509 (fax)
Mikehilmers@roeschtrucks.com

Product Information - Contract #171

2021 Ford Expedition XL 4x4

Special Services Vehicle: \$37,583.00

Ordering Information

Orders are placed directly through Kunes Country Auto Group.
Billing is performed by the dealer.

Kunes Country Ford of Antioch

104 Route 173

Antioch, IL 60002

P: 847-395-3900 F: 847-838-9206

Contact Person: Tony Walus

tony.walus@kunescountry.com

The contract extension for the Ford Expedition is effective through November 21, 2021.

SPORT UTILITY VEHICLES

The SPC Governing Board has approved the rollover contract pricing on the 2021 Ford Escape with Option Packages and Other Options to Currie Motors, Frankfort IL through the end of the model year, with pricing as follows:

Product Information - Contract #165

Escape S Front Wheel Drive: \$20,885.00

Escape SE All Wheel Drive: \$23,986.00

Escape SE FHEV All Wheel Drive: \$26,715.00

The order cut-off date is June 25, 2021.

Ordering Information

Orders are placed directly through Currie Motors. Billing is performed by the dealer.

Currie Motors

10125 W. Laraway Rd.

Frankfort, IL 60423

P: 815-464-9200 F: 815-464-7500

Contact Person: Tom Sullivan

tsullivan@curriemotors.com

Product Information - Contract #191

The SPC Governing Board has approved the 2021 Ford Explorer with Option Packages and Other Options contract to Kunes Country Auto Group.

2021 Ford Explorer: \$25,415.00
Plus Option Packages and Other Options

Ordering Information

Orders are placed directly through Kunes Country Auto Group. Billing is performed by the dealer.

Kunes Country Ford of Antioch

104 Route 173

Antioch, IL 60002

P: 847-395-3900 C: 262-620-7259

F: 847-838-9206

Contact Person: Tony Walus

tony.walus@kunescountry.com

The contract for the Ford Explorer runs from September 17, 2020 through September 16, 2021.

AUTO PARTS PROGRAMS

The Suburban Purchasing Cooperative (SPC) Governing Board is pleased to announce the approval of contract extensions on two popular programs to supply vehicle/truck parts and manage fleet inventory operations. The contract extensions piggyback onto programs offered by the Sourcewell (formerly NJPA), a Staples, Minnesota based national municipal contracting agency and run from February 3, 2021 through June 30, 2021. Sourcewell was created by Minnesota law as an Educational Cooperative Service Unit (Independent School District #924) to serve education and government entities with solutions, as outlined in [Minn. Stat. 123A.21](#), which are more efficiently delivered cooperatively than by an entity individually. As a service cooperative, Sourcewell is a [governmental unit of the State of Minnesota](#), all Sourcewell employees are government employees.

Product Information - Contract #168

NAPA IBS Sourcewell Contract #110520-GPC (SPC Contract #168) supplies on-site and offsite vendor managed inventory operations with government fleet and warehousing facilities. NAPA-IBS can provide key added-value assistance to government fleet organizations to help their shop's parts operation run smoothly and efficiently. NAPA Auto Parts, utilizing their own resources and strategic partnerships with numerous additional local and national resources, currently provides parts, service and expertise necessary to provide a reliable and complete "dedicated" on-site source of repair parts and services for Sourcewell/SPC members to:

- Achieve a significant reduction in administrative procedures
- Reduce transactional costs through centralized billing across multiple vendors
- Deliver increases in on-demand parts availability
- Drive increases in fleet technician performance
- Reduce vehicle downtime in fleet operations
- Eliminate obsolete parts and shrinkage costs through efficient parts room management technologies
- Significantly reduce the cost of parts and warehouse inventory ownership

Provide a turn-key sourcing solution service that will enable government agencies to operate repair and warehouse facilities more efficiently, resulting in savings of funds through cost avoidance

NAPA IBS

Jett Kuntz

Vice President of IBS Fleet & Government

770-855-2221

jett_kuntz@genpt.com

The contract extension has been awarded through June 30, 2021.

Product Information - Contract #169

NAPA Parts Sourcewell Contract #062916-GPC (SPC Contract #169) brings more than 400,000 NAPA Parts and Accessories to contract purchasing. NAPA is the leader in automotive & truck replacement parts, auto-body & paint products, tools & equipment, specialty parts, accessories and service items. Two-hour delivery is generally available throughout the U.S. from 6,000 stores in all 50 states. Non-locally stocked products generally ship next day from one of 59 distribution centers. Utilizing Sourcewell's national, competitively solicited contract gives technicians the parts they need, when they need them, saving time and money while satisfying all SPC bidding requirements.

<https://www.nwmc-cog.org/suburban-purchasing-cooperative/auto-parts-program>

NAPA Genuine Parts

Donald Lachance
Government Sales Manager
678-934-5057 Work
404-386-4157 Mobile
Don_Lachance@genpt.com

The contract extension has been awarded through June 30, 2021.

SEWER CLEANER TRUCKS

Product Information

2020 contracts run through December 8, 2020.

Contract #161

10 Yard Fan Catch Basin/Sewer Cleaner

10 Yard Fan Catch Basin/Sewer Cleaner with Freightliner Engine Mounted on Heavy Duty Chassis including all standard equipment and delivery.

Additional options are available at quoted prices.

Vactor 2110 Base Price: \$345,461.00

Alternate Vendor: EJ Equipment: \$308,457.10

Contract #162

12 Yard Fan Catch Basin/Sewer Cleaner

12 Yard Fan Catch Basin/Sewer Cleaner with Freightliner Engine Mounted on Heavy Duty Chassis including all standard equipment and delivery.

Additional options are available at quoted prices.

Vactor 2112 Base Price: \$361,722

Alternate Vendor: EJ Equipment - \$331,290.26

Ordering Information

Orders are placed directly through the Vendor. Billing is performed by the dealer.

Primary Vendor
Standard Equipment Company

Brandon Shelton
625 S. IL RT 83
Elmhurst, IL 60126
(Main) 312.829.1919 (C) 312.241.4449
bshelton@standardequipment.com

Alternate Vendor
EJ Equipment, Inc.

Eric LeSage
6949 N 3000E Road,
Manteno, IL, 60950-3022
(C) 815.370.3549 (F) 815.468.0341
(O) 815.468.0250
eric@ejequipment.com

STREET SWEEPER**Product Information - Contract #155**

2020 Elgin Pelican NP Dual Side Broom Street Sweeper

The SPC Governing Board has issued the contract extension to Standard Equipment for the Elgin Pelican Sweeper at a contract price of **\$204,697.00**.

Ordering Information

Orders are placed directly through the Vendor. Billing is performed by the dealer.

Standard Equipment Company

Brandon Shelton
625 S. IL RT 83
Elmhurst, IL 60126
(Main) 312.829.1919 (C) 312.241.4449
bshelton@standardequipment.com

The duration of the contract extension was awarded through December 31, 2020.

NWMC Membership

Antioch	Libertyville
Arlington Heights	Lincolnshire
Bannockburn	Lincolnwood
Barrington	Morton Grove
Bartlett	Mount Prospect
Buffalo Grove	Niles
Deer Park	Northbrook
Deerfield	Northfield
Des Plaines	Northfield Township
Elk Grove Village	Palatine
Evanston	Park Ridge
Fox Lake	Prospect Heights
Glencoe	Rolling Meadows
Glenview	Schaumburg
Grayslake	Skokie
Hanover Park	Streamwood
Highland Park	Vernon Hills
Hoffman Estates	West Dundee
Kenilworth	Wheeling
Lake Bluff	Wilmette
Lake Forest	Winnetka
Lake Zurich	

DMMC Membership

Addison	Lisle
Aurora	Lombard
Bartlett	Naperville
Bensenville	Oak Brook
Bloomington	Oak Brook Terrace
Bolingbrook	Roselle
Burr Ridge	Schaumburg
Carol Stream	Villa Park
Clarendon Hills	Warrenville
Darien	Wayne
Downers Grove	West Chicago
Elmhurst	Westmont
Glen Ellyn	Wheaton
Glendale Heights	Willowbrook
Hanover Park	Winfield
Hinsdale	Wood Dale
Itasca	Woodridge
Lemont	

SSMMA Membership

Alsip	Midlothian
Beecher	Mokena
Blue Island	Monee
Burnham	Oak Forest
Calumet City	Olympia Fields
Calumet Park	Orland Hills
Chicago Heights	Orland Park
Country Club Hills	Park Forest
Crestwood	Peotone
Crete	Phoenix
Dixmoor	Posen
Dolton	Richton Park
East Hazel Crest	Riverdale
Flossmoor	Robbins
Ford Heights	Sauk Village
Glenwood	S. Chicago Hts.
Harvey	South Holland
Hazel Crest	Steger
Homewood	Thornton
Lansing	Tinley Park
Lynwood	University Park
Markham	Worth
Matteson	

WCGL Membership

Beecher	Monee
Bolingbrook	Morris
Braidwood	Naperville
Channahon	New Lenox
Coal City	Orland Park
Crest Hill	Oswego
Diamond	Peotone
Elwood	Plainfield
Frankfort	Rockdale
Grundy County	Romeoville
Homer Glen	Shorewood
Joliet	Symerton
Lemont	University Park
Lockport	Wilmington
Manhattan	Woodridge
Minooka	Will County
Mokena	

SPC Representatives

DuPage Mayors & Managers Conference

1220 Oak Brook Road
Oak Brook, IL 60523
T: 630-571-0480
F: 630-571-0484

www.dmmc-cog.org

SPC Representative:
Suzette Quintell

Northwest Municipal Conference

1600 E. Golf Rd., Suite 0700
Des Plaines, IL 60016
T: 847-296-9200
F: 847-296-9207

www.spc-il.org

SPC Representative:
Ellen Dayan, CPPB

South Suburban Mayors & Managers Association

1904 W. 174th Street
East Hazel Crest, IL 60429
T: 708-206-1155
F: 708-206-1133

www.ssmma.org

SPC Representatives:
Melissa Doud
Kristi DeLaurentiis

Will County Governmental League

15905 S. Frederick Street
Suite 107
Plainfield, IL 60586
T: 815-254-7700

www.wcgl.org

SPC Representative:
Cherie Belom