

HIGH CENTER OF GRAVITY - USE CAUTION WHEN MOVING CABINET

USE A FORKLIFT OR SIMILAR DEVICE WITH APPROPRIATE LIFTING CAPACITY TO LIFT THE CABINET.

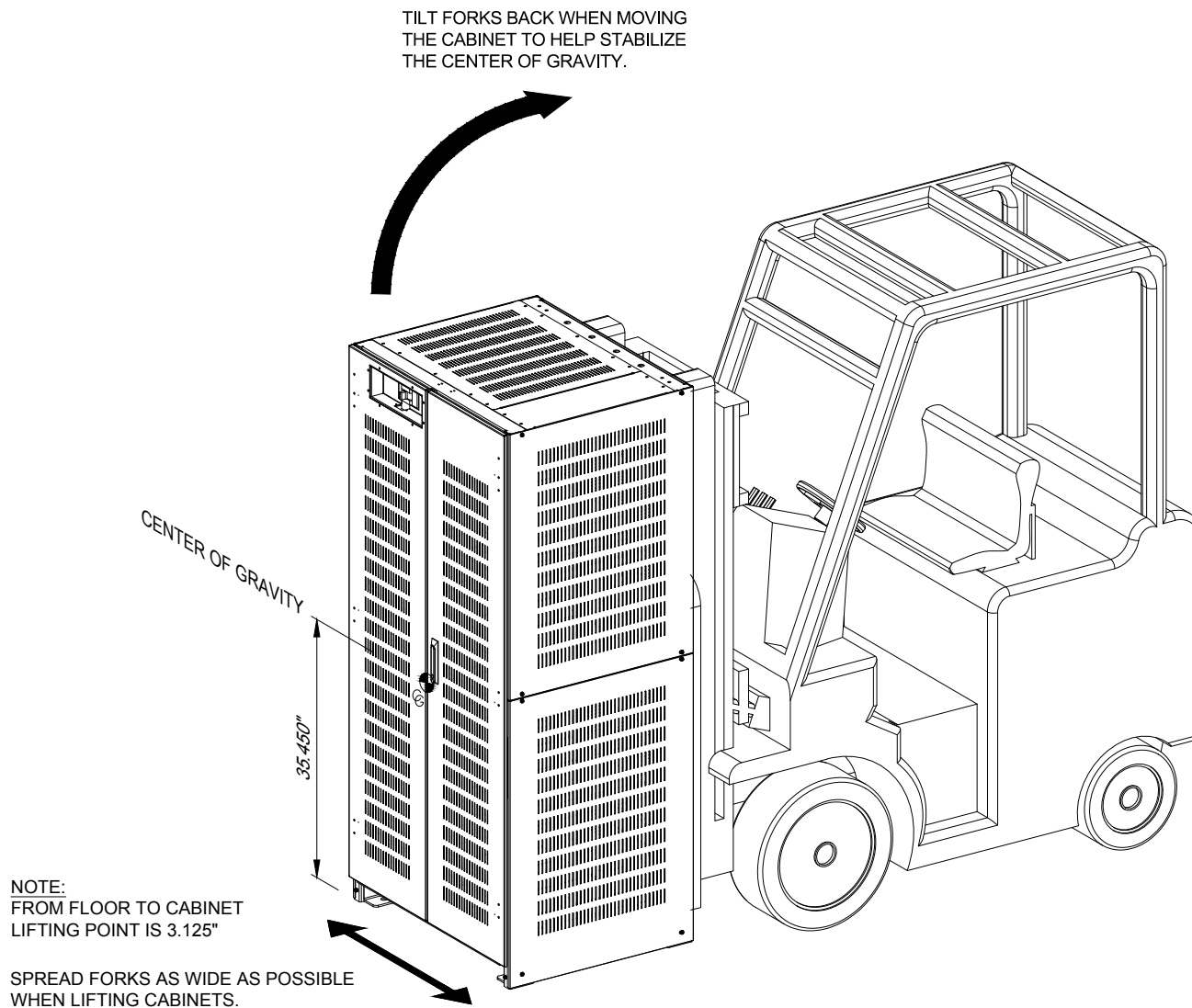
MOVE SLOWLY WHEN HANDLING. AVOID BOUNCING THE CABINET WHILE MOVING. THE CABINET COULD FALL FORWARD OR SIDWAYS IF HANDLED ROUGHLY.

## **STEPS FOR BATTERY CABINET INSTALLATION PROCEDURE**

1. TO HELP PREVENT DAMAGE, ALL PANELS FROM ALL BATTERY CABINETS SHOULD BE LABELED TO THEIR PROSPECTIVE CABINET, REMOVED AND PUT ASIDE IN A SAFE LOCATION WHILE MOVING THE CABINETS TO FINAL INSTALL POSITION.
2. INSTALL AND ALIGN THE FIRST CABINET, THEN EACH CABINET ADJACENT TO EACH OTHER. REFER TO PAGE 3 FOR PROPER LINE UP.
3. ROUTE THE POWER CABLES AS SHOWN ON SHEET 4.
4. INSTALL SIDE PANEL ONTO THE OPEN SIDES OF THE BATTERY CABINET. INSTALL THE DOORS AND LOCK WHEN NOT OPEN FOR MAINTENANCE.
5. THE CABINET MUST BE ANCHORED TO THE FLOOR FOR SEISMIC SENSITIVE AREAS. AND TO MAINTAIN THE SEISMIC INTEGRITY OF THE BATTERY CABINET. ANCHORING HARDWARE IS NOT INCLUDED. CONTACT INTRAPACK TO PURCHASE ANCHORING HARDWARE

- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION

\* REVIEW THE DRAWINGS AND READ ALL INFORMATION BEFORE PROCEEDING WITH MOVING AND INSTALLING THESE BATTERY CABINETS



## MOVING A BATTERY CABINET

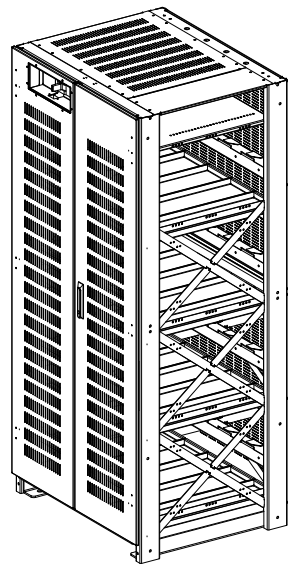
**DO NOT LIFT THE CABINET HIGHER THAN NECESSARY TO CLEAR THE FLOOR WHEN MOVING**

**ABB** MEGAFLEX UPS BATTERY SKU  
MGD1200-7-49-ALT

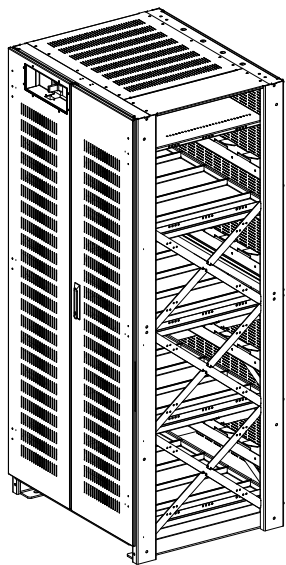
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NO.	DATE	REVISION DESCRIPTION	 <p>10650 MARKISON ROAD DALLAS, TX. 75238 PHONE: 214-348-7105 EMAIL: SALES@INTRAPACK.COM © INTRAPACK 2020 WWW.INTRAPACK.COM</p>	SYSTEM WEIGHT: 42,355 lbs				ADJACENT REMOTE TOP TERMINAL BATTERY CABINET SYSTEM	1 OF 6
				JOB NO.	N/A	DATE:	01/29/2021		
				QUOTE NO.	IPC20-1032	DRAWN BY:	VZ	DRAWING NO. IP5-280P545-480-7-7D500-AR-JC	
				SCALE:	N.T.S.	APPR. BY:			

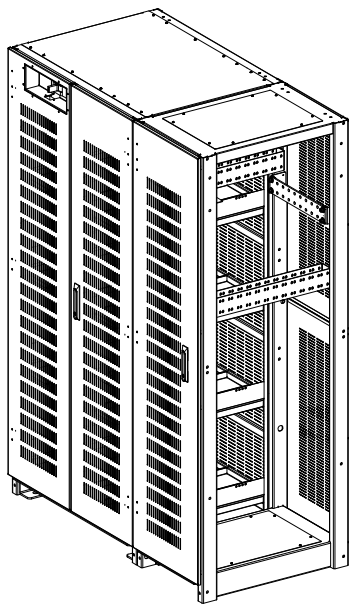
- CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK
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  - ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION



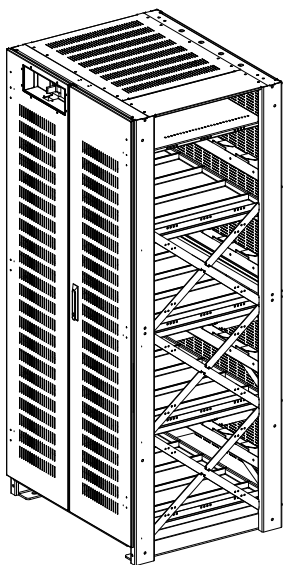
CABINET A



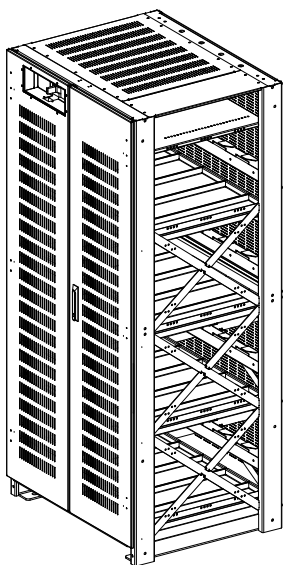
CABINET B



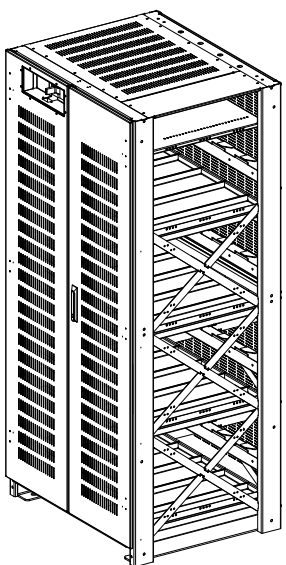
CABINET C & CJC



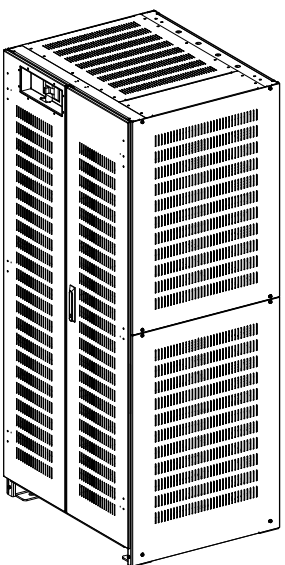
CABINET D



CABINET E



CABINET F



CABINET G

ISOMETRIC BATTERY CABINET VIEW

ABB

MEGAFLEX UPS BATTERY SKU  
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- 
- Technical drawing of a building facade elevation. The drawing shows a long, low structure with a series of vertical elements (possibly columns or panels) and a central circular feature labeled 'B 5'. Dimensions are provided in inches:
- Overall width: 286.20"
  - Overall height: 30.91"
  - Height of the main structure: 24.26"
  - Width of the first section: 38.00"
  - Width of the second section: 8.25"
  - Width of the third section: 20.00"

TOP VIEW

Technical drawing of a laboratory bench layout, showing 12 bays. The overall dimensions are 82.00" in height and 35.45" in width. Each bay contains a sink, a faucet, and a drain. The drawing includes a detailed view of the first bay on the left, showing the sink, faucet, and drain. The remaining 11 bays are shown in a simplified, repetitive manner. The drawing is a top-down view, showing the layout of the bays and the placement of the equipment.

CABINET G

FRONT VIEW

30.91"

SIDE VIEW

24.00"

32.25"

Ø.875"

BOTTOM VIEW

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**IntraPack**® 10650 MARKISON ROAD  
DALLAS, TX. 75238  
PHONE: 214-348-7105  
EMAIL: SALES@INTRAPACK.COM  
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SYSTEM WEIGHT: 42,355 lbs			
JOB NO.	N/A	DATE:	01/29/2021
QUOTE NO.	IPC20-1032	DRAWN BY:	VZ
SCALE:	N.T.S.	APPR. BY:	

ADJACENT REMOTE TOP TERMINAL  
BATTERY CABINET SYSTEM

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DRAWING NO.  
IP5-280P545-480-7-7D500-AR-JC

3  
OF  
6

1

DC POWER CABLES FROM CJC TO THE UPS PROVIDED BY OTHERS. REFER TO NEC FOR PROPER AWG SIZE

2

TERMINAL BLOCK TO TERMINAL BLOCK AND TERMINAL BLOCK TO UPS CONTROL WIRING WILL BE 16-20 GA STRANDED, PROVIDED BY OTHERS

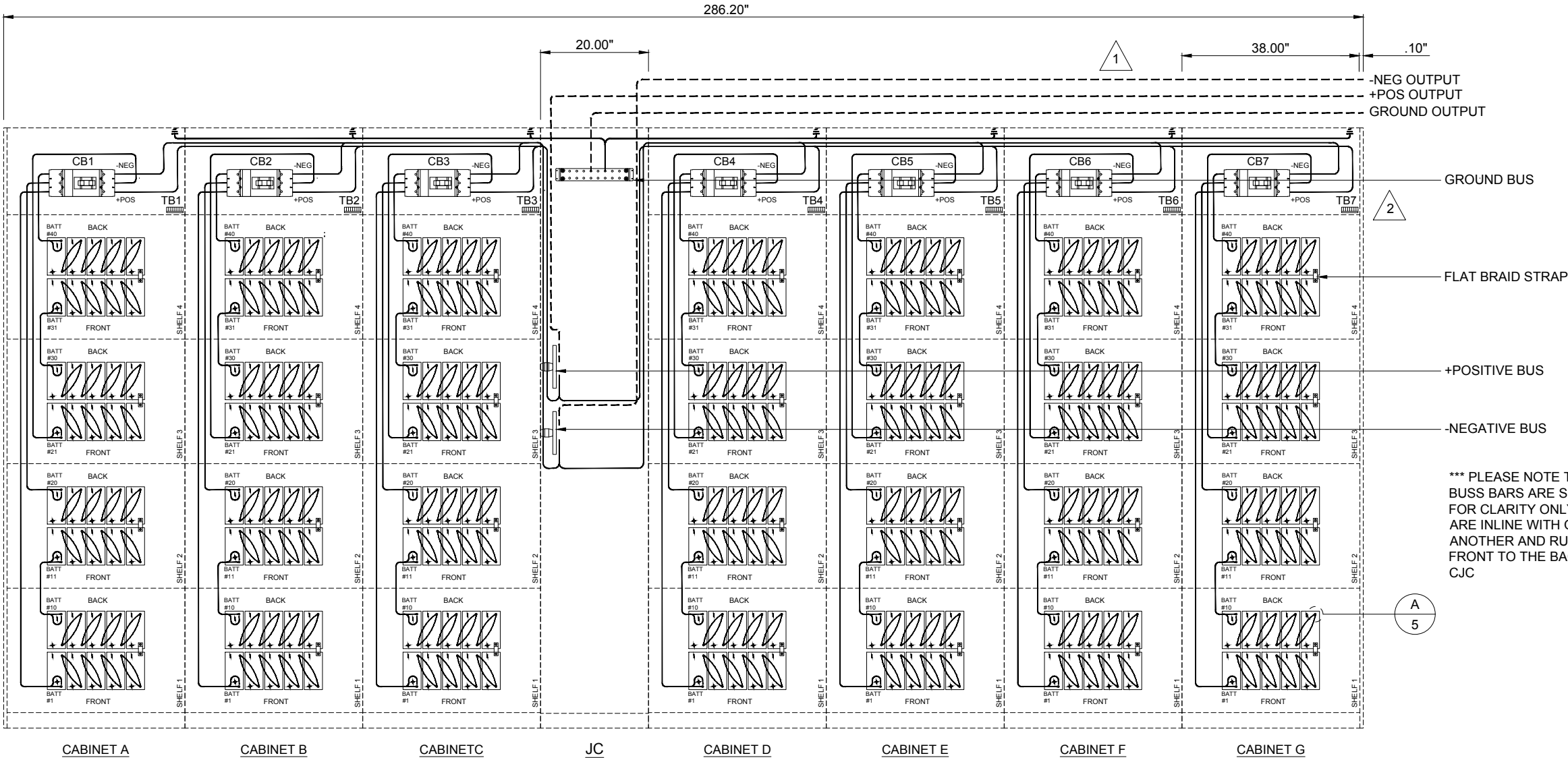
POSITIONING OF COMPONENTS ARE FOR ILLUSTRATION PURPOSES AND MAY NOT BE REPRESENTED IN THE EXACT LOCATION INDICATED.

**CAUTION: HIGH VOLTAGE, RISK OF ELECTRICAL SHOCK**

- FOLLOW ALL SAFETY PRECAUTIONS WHEN WORKING ON THIS SYSTEM
- ALWAYS WEAR PROPER SAFETY EQUIPMENT INCLUDING EYE PROTECTION

**GENERAL NOTES:**

- ONLY QUALIFIED TECHNICIANS SHOULD PERFORM INSTALLATION OR MAINTENANCE OF THIS BATTERY SYSTEM.
- ALL TOOLS SHOULD BE INSULATED TO PREVENT ELECTRICAL SHOCK.
- OPEN DISCONNECTS BEFORE INSTALLATION OR MAINTENANCE.
- CHECK DC VOLTAGE AT BATTERY OUTPUT AND UPS OUTPUT TO ENSURE PROPER POLARITY BEFORE MAKING FINAL CONNECTIONS.



ELECTRICAL ILLUSTRATION

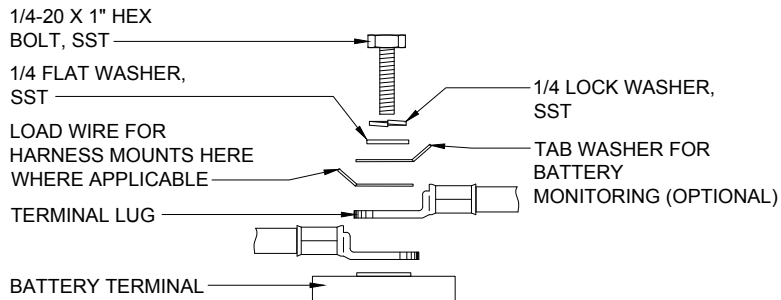
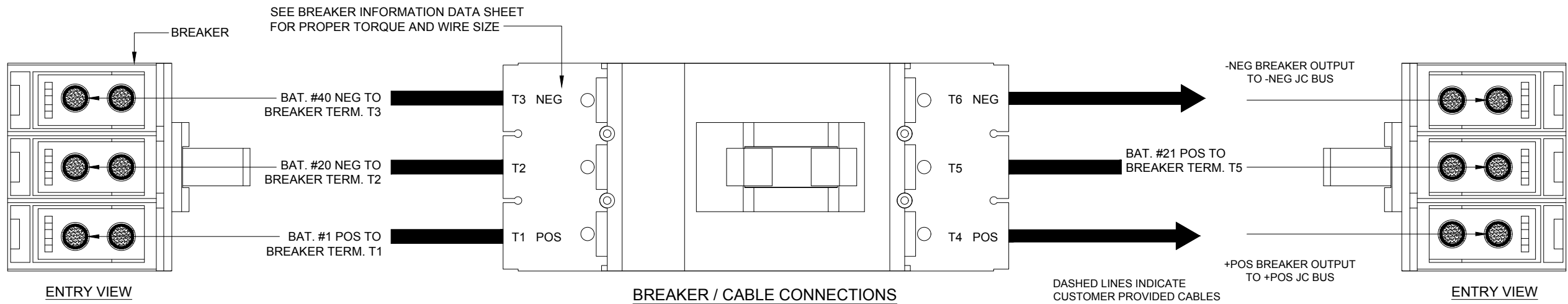
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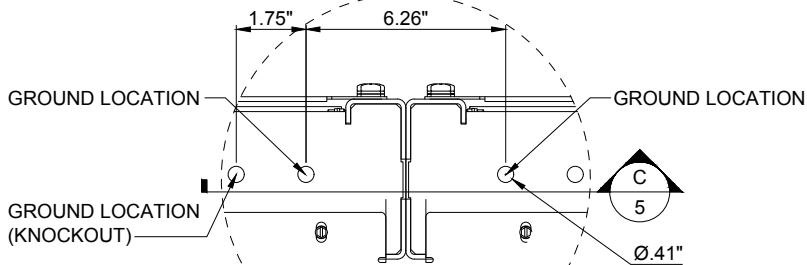


INSERT-TYPE POST (DYNASTY)

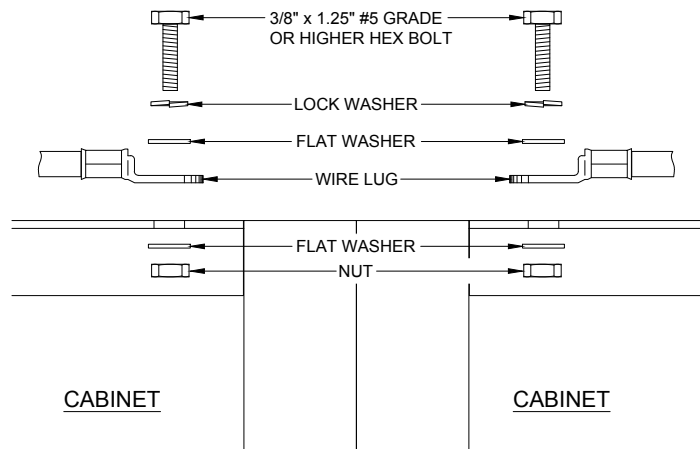
UPS12-305PLP, UPS12-355PLP, UPS12-405PLP, UPS12-495PLP, UPS12-545PLP, UPS6-605PLP  
TORQUE TO 110 IN-LBS.

MANUFACTURERS WEB SITE- <https://alpinepowersystems.com/backup-power-products/backup-batteries/ups-batteries/c-d-pure-lead-plus/>

DETAIL 'A'  
REF: SHEET 4



DETAIL 'B'  
REF: SHEET 3



\*\*\* GROUND WIRE AND CONNECTIONS TO BE SUPPLIED BY CUSTOMER. WIRE LENGTH AND SIZE DETERMINED BY CUSTOMER

DETAIL 'C'

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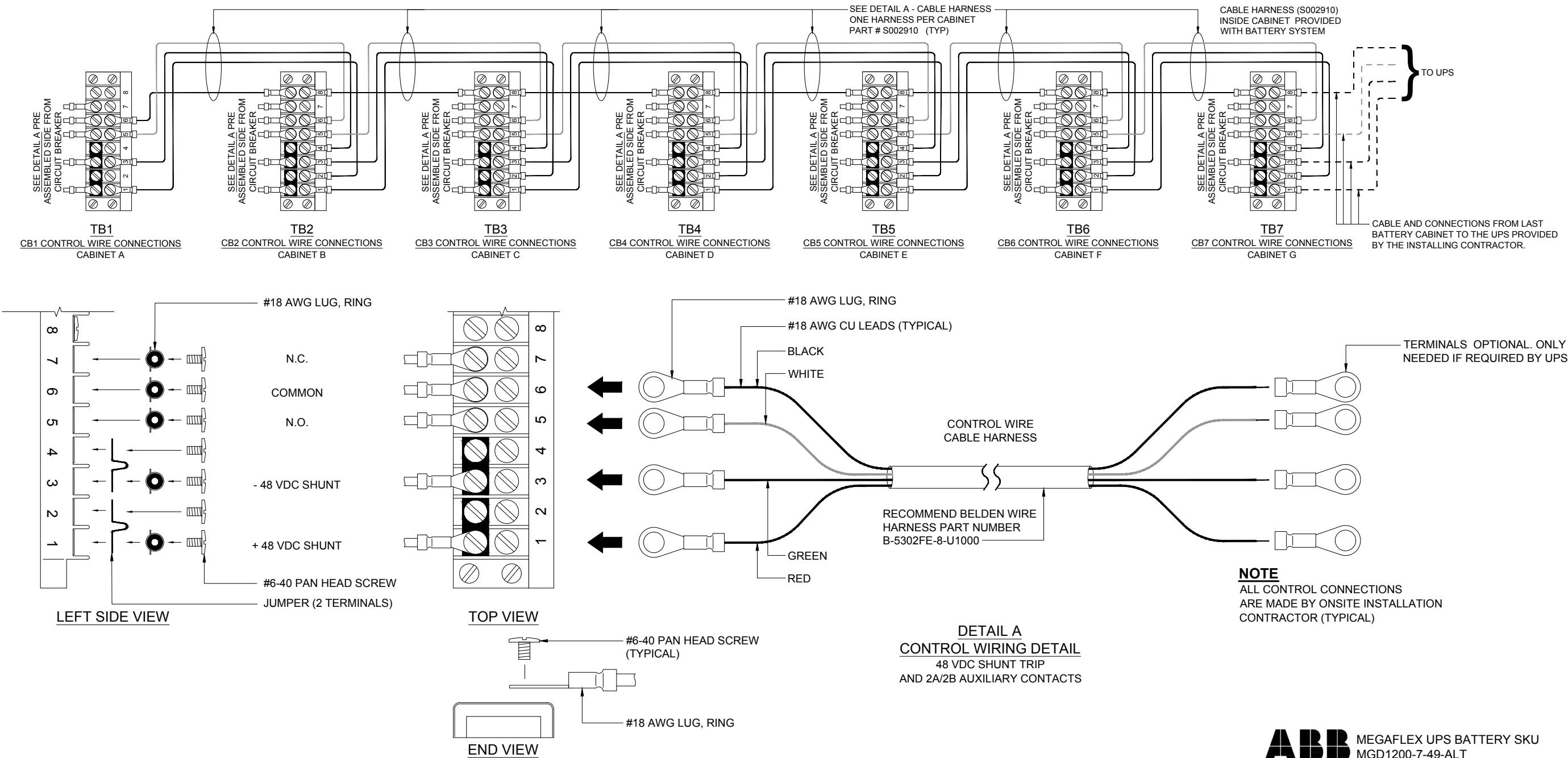
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ADJACENT BATTERY CABINET SYSTEM:  
ALL CABLE HARNESSES ARE PROVIDED IN BOTH THE BATTERY CABINET TO BATTERY CABINET CONNECTION INCLUDING THE BATTERY CABINET CABLE HARNESS TO THE UPS.

ADJACENT REMOTE BATTERY CABINET SYSTEM:  
ALL CABLE HARNESSES FROM BATTERY CABINET TO BATTERY CABINET WILL BE PROVIDED. THE BATTERY CABINET TO UPS CABLE HARNESS WILL BE PROVIDED BY THE INSTALLING CONTRACTOR.

REMOTE BATTERY CABINET SYSTEM:  
ALL CABLE HARNESSES FROM BATTERY CABINET TO BATTERY CABINET AND BATTERY CABINET TO UPS WILL BE PROVIDED BY THE INSTALLING CONTRACTOR.

CONTROL WIRING ROUTING



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