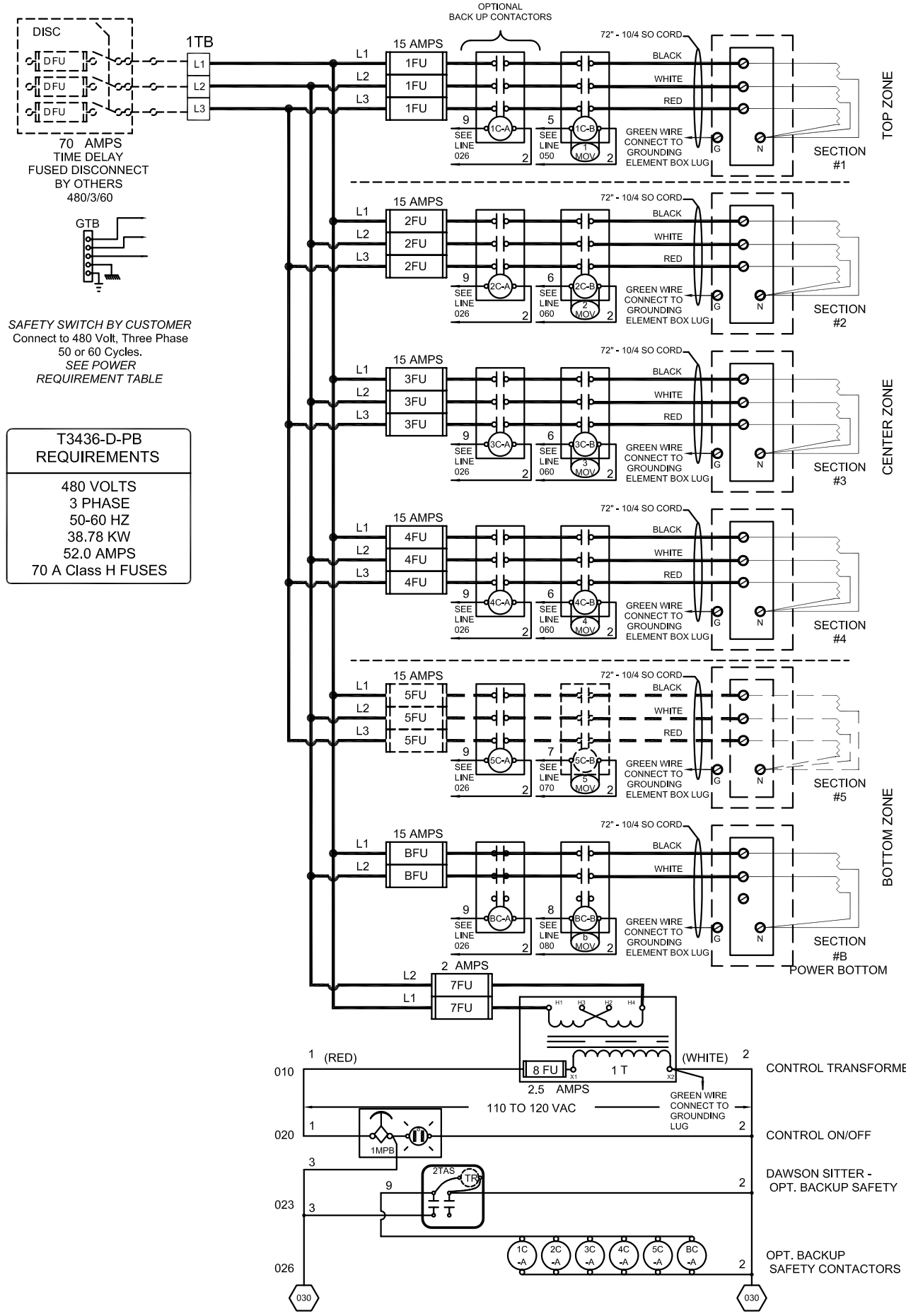

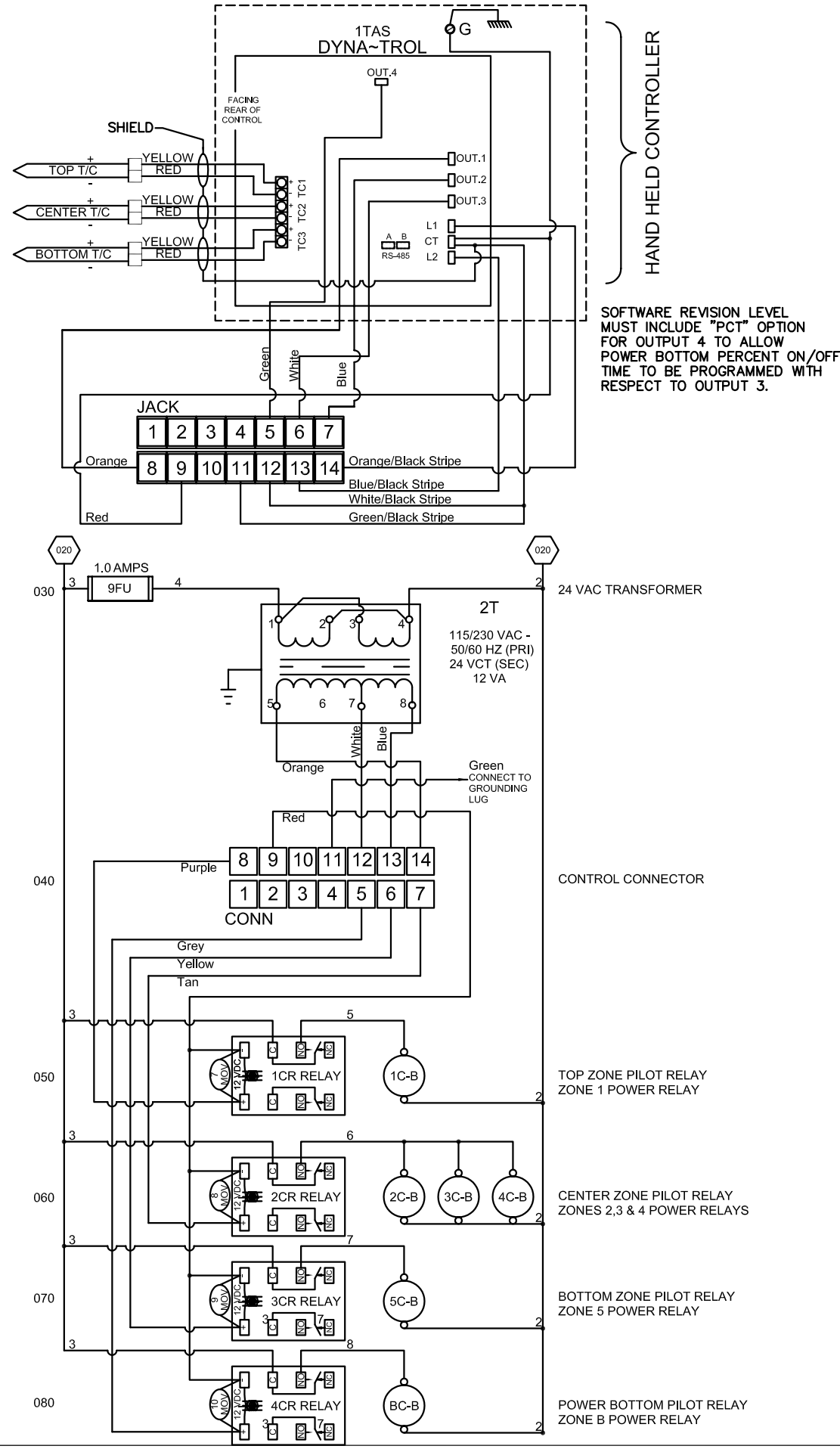

NOTES

1) All electrical feeders & equipment will be supplied & installed by the customer, meeting requirements set by the local & national electrical code standards. L & L recommends any such installation be approved by a certified electrical inspector.
2) For Furnaces not equipped with a fused safety disconnect switch, L & L recommends the customer to Install such equipment within 6 feet of operating furnace.
3) Industrial & commercial applications may require the installation of a LOCKOUT/TAGOUT device to meet safety & maintenance requirements.
6) Power Wires are 10 AWG SRML; control circuit wires are 16 AWG MTW; common neutral is white, all other AC wires are red, and DC wires are blue, unless otherwise specified. Control Xfmr. common is connected to ground.

CONN OR JACK

Relay 1 (Top)	8	1	Not Used
Relay Common	9	2	RS-485 (A)
Not Used	10	3	RS-485 (B)
Chassis Ground	11	4	Not Used
Transformer Center Tap	12	5	Future (Vent)
Transformer Secondary	13	6	Relay 3 (Bottom)
Transformer Secondary	14	7	Relay 2 (Center)

Pin Listing of 14-Pin Connector

UL 499

REV#	DATE	REVISION DESCRIPTION
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A	8/31/09	CORRECTED TITLE BLOCK, ADDED MET CERTIFIED MARK & NEW LOGO
0	9/16/05	AS BUILT

LKilns
hotkilns.com
505 SHARPTOWN ROAD
SWEDESBORO, NJ 08085
PHONE:(856) 294-0077
FAX: (856) 294-0070

TITLE

DaVINCI WIRING DIAGRAM
MODEL T3436-D-PB
480 VAC / 3 / 60
DYNA-TROL CONTROLLER WITH NEMA 1 PANEL

DRAWN BY: G.D.L.		REV. CODE: A	DRAWING NO.: KS050902
DATE: 9/9/05	SCALE: 1 = 8		
CHK: .	APP: .		
JOB NO: AZOT00	SER NO: 091305-x		SHEET NO.: 1 OF 2
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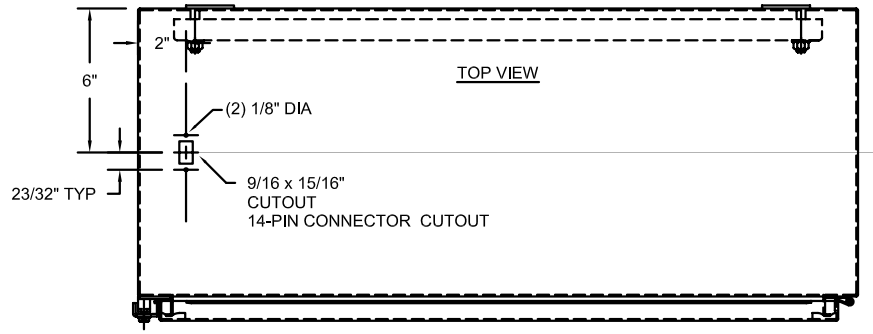
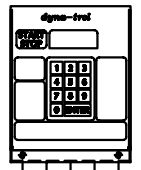
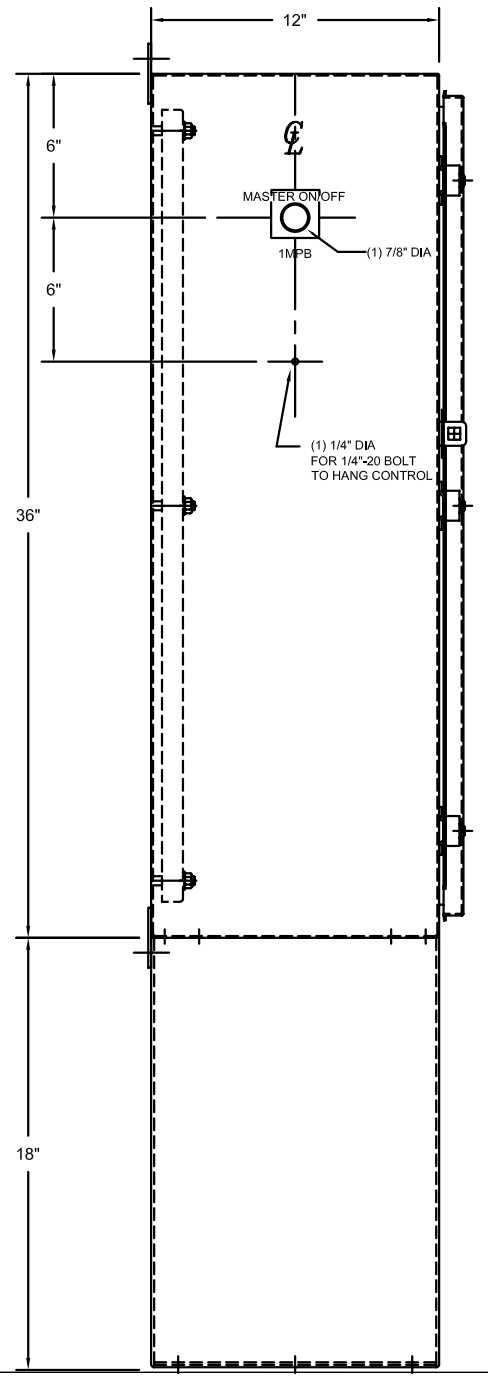
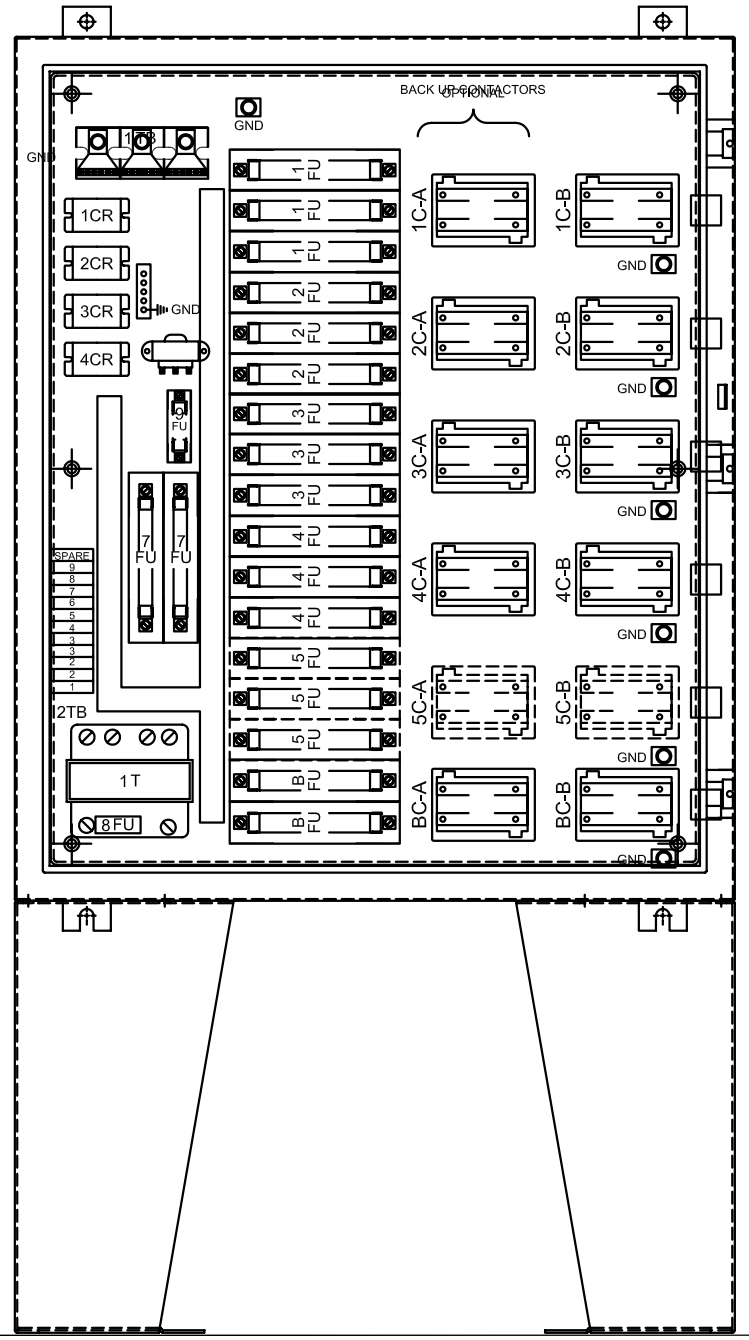
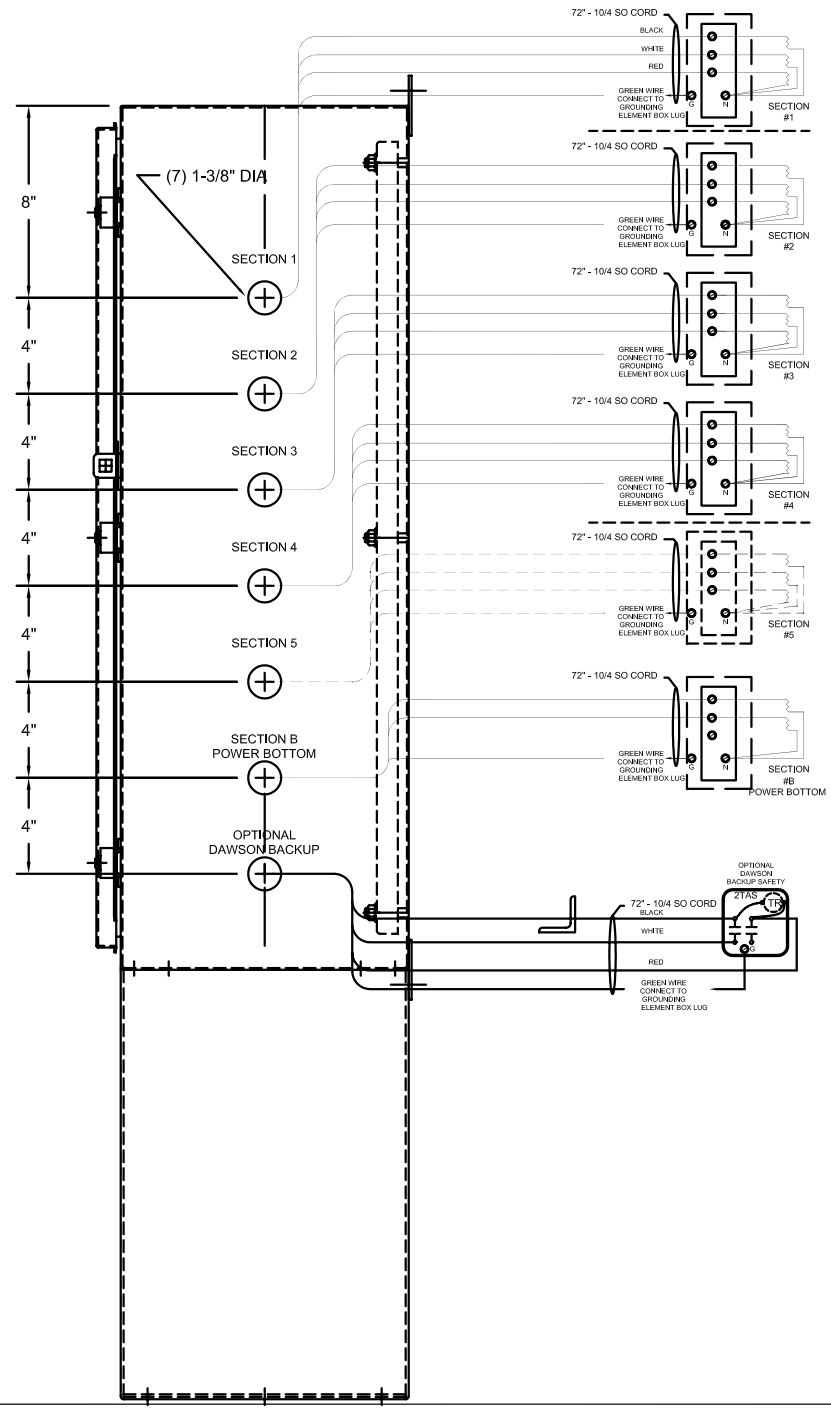


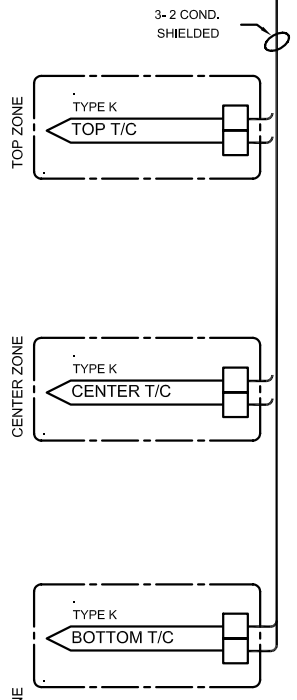


RS-485 CABLE
FOR CONNECTION TO PC FOR MONITORING









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