

BALDOR ELECTRIC COMPANY

5711 R.S. Boreham Jr. St.
Fort Smith, AR 72901
(479) 646-4711

Customer :KAMAN INDUSTRIAL TECHNOLOGIES
Plant designation :BALDOR DRIVES CENTER
Catalog number :CUSTOM

Manufacturer (Firm) :BALDOR ELECTRIC COMPANY
Spec. Number (TDB) :PN0018B27
Horsepower :20HP(3)
Voltage :460V
Package Group :CUSTOM

What native native software format were these
drawings created in?

Created on : 09-13-2010 by : KIMTHOAI TRAN Highest Page No. : 11
Processed on : 09-27-2010 by : KTT No. of pages : 11

MATL:

REV:

-

BALDOR ELECTRIC Co.

VR420-C4

SCALE:

BY:

KTT

REVISED:

09-28-2010

FILE:

TDR:

556787

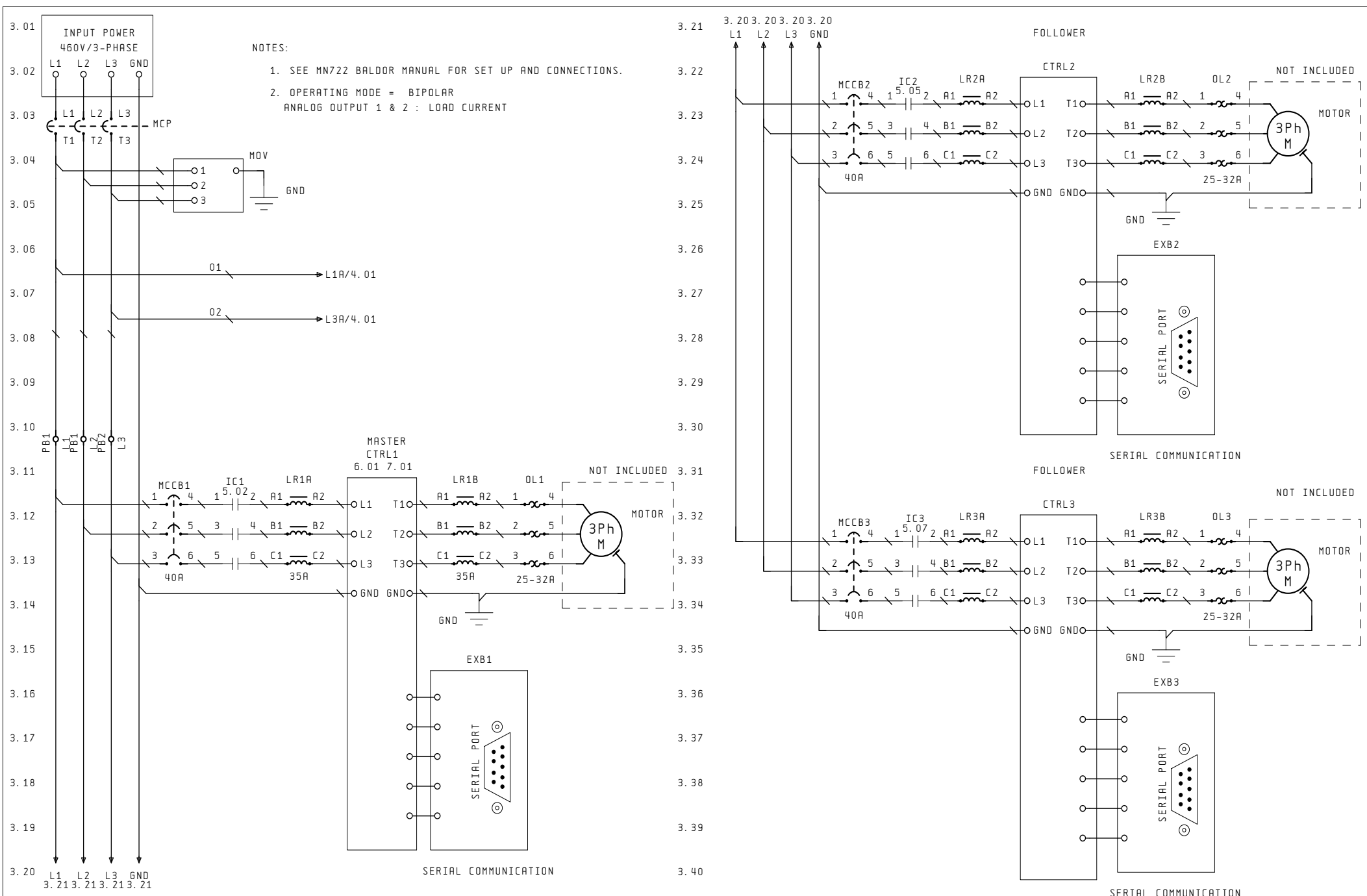
BALDOR COVER SHEET

Page overview

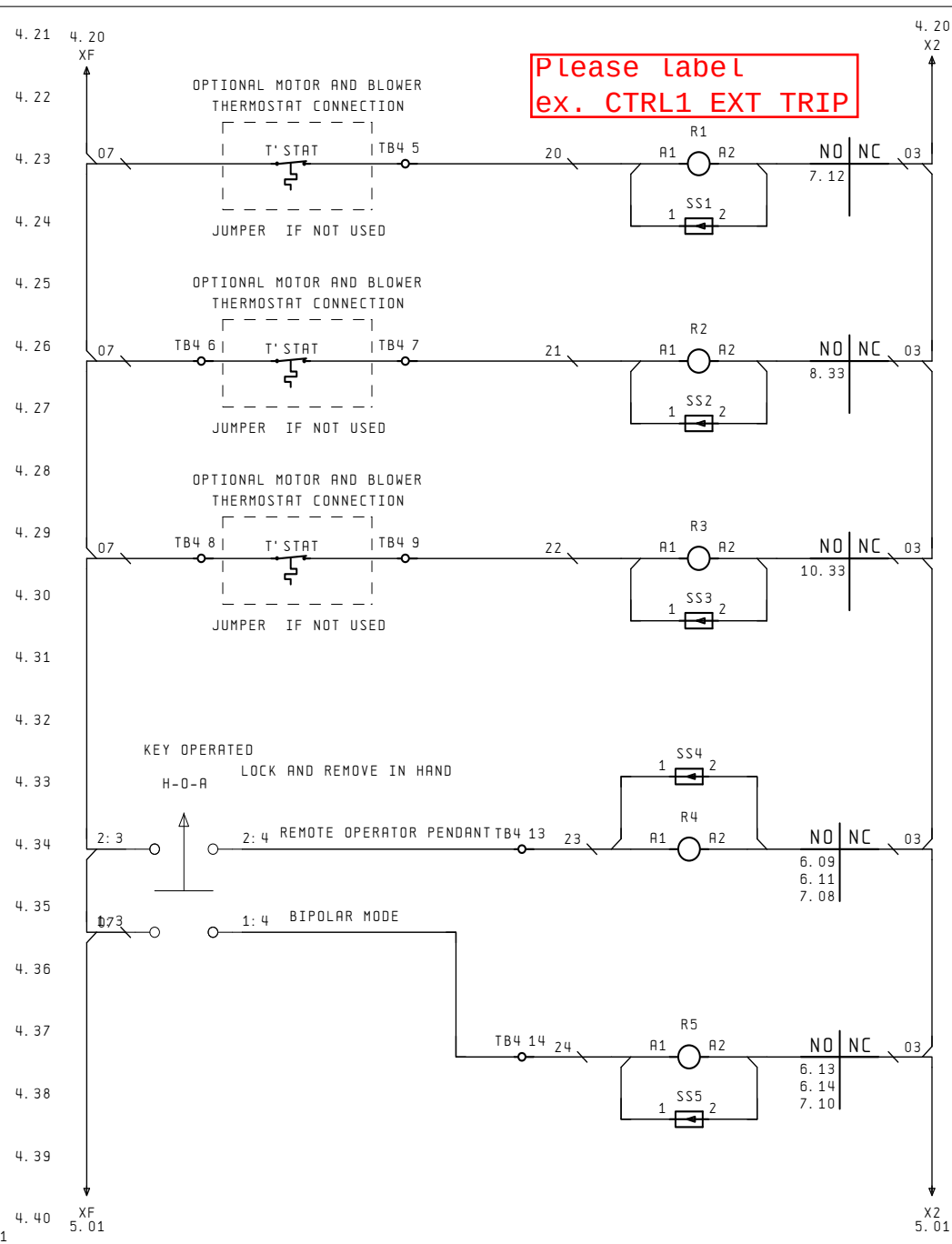
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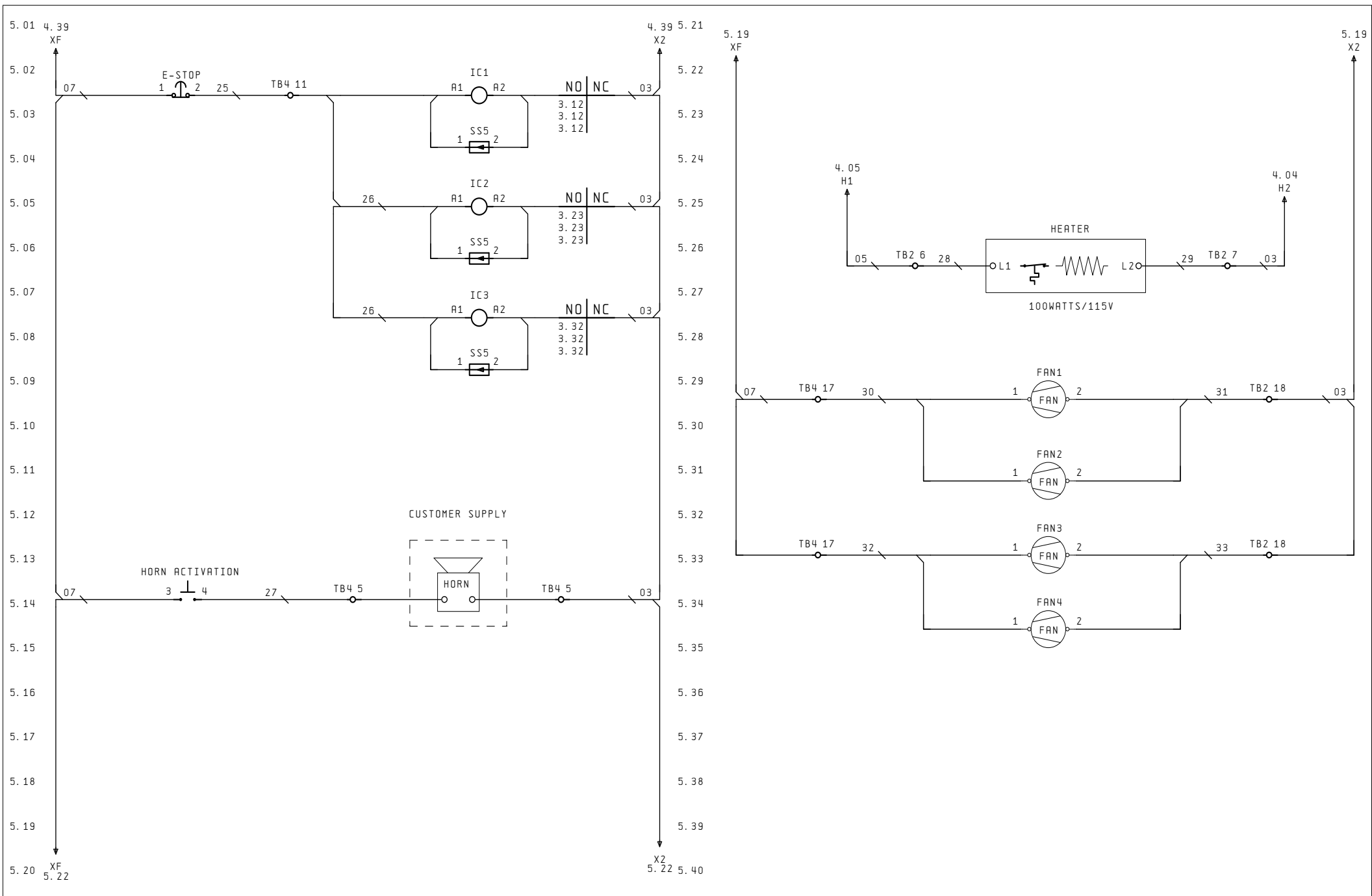
Revision	-	Date	09-28-2010	BALDOR DRIVES CENTER	BALDOR ELECTRIC COMPANY 5711 R.S. BOREHAM JR. ST. FORT SMITH, AR 72901	Table of contents	09-27-2010		
		Editor	KIM TRAN						
		Spec.	PN0018B27						
		TDR #	556787	Engineer - KIM TRAN	Original			VR420-C4	Pg. 2 of 11

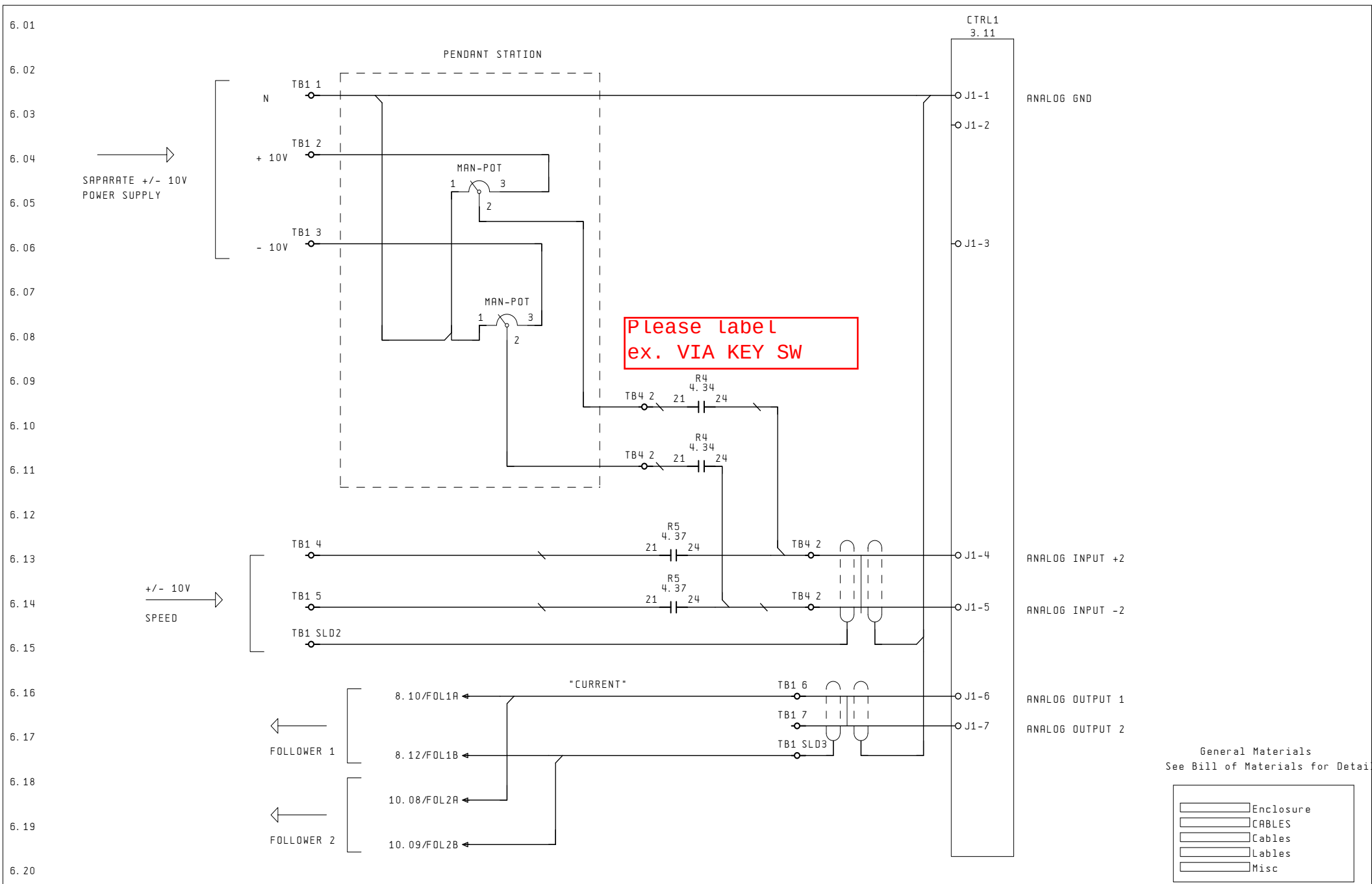


MATL:			BALDOR ELECTRIC Co.		Pg. 3
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			FILE:	TDR: 556787	
ELECTRICAL SCHEMATIC					

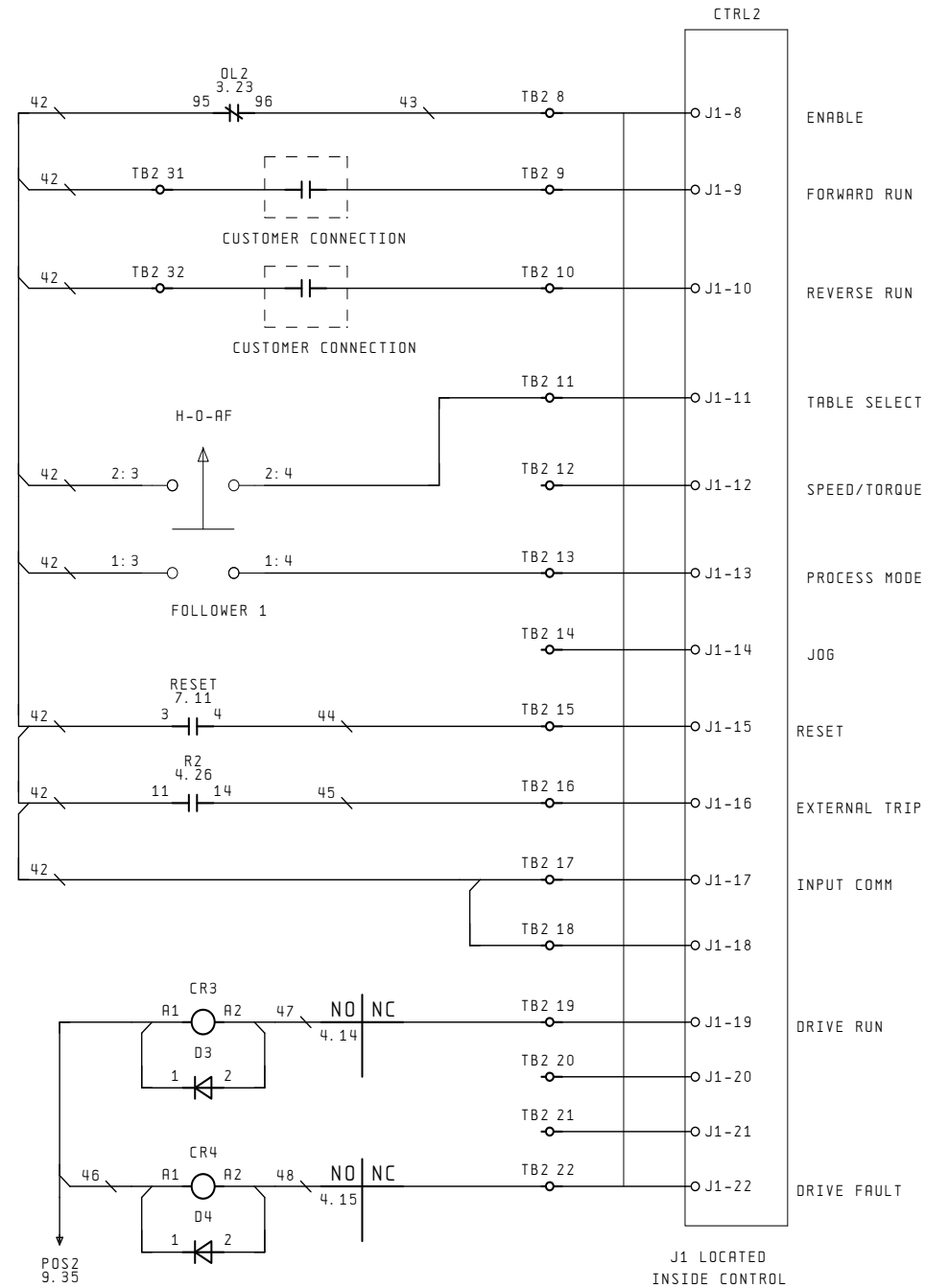
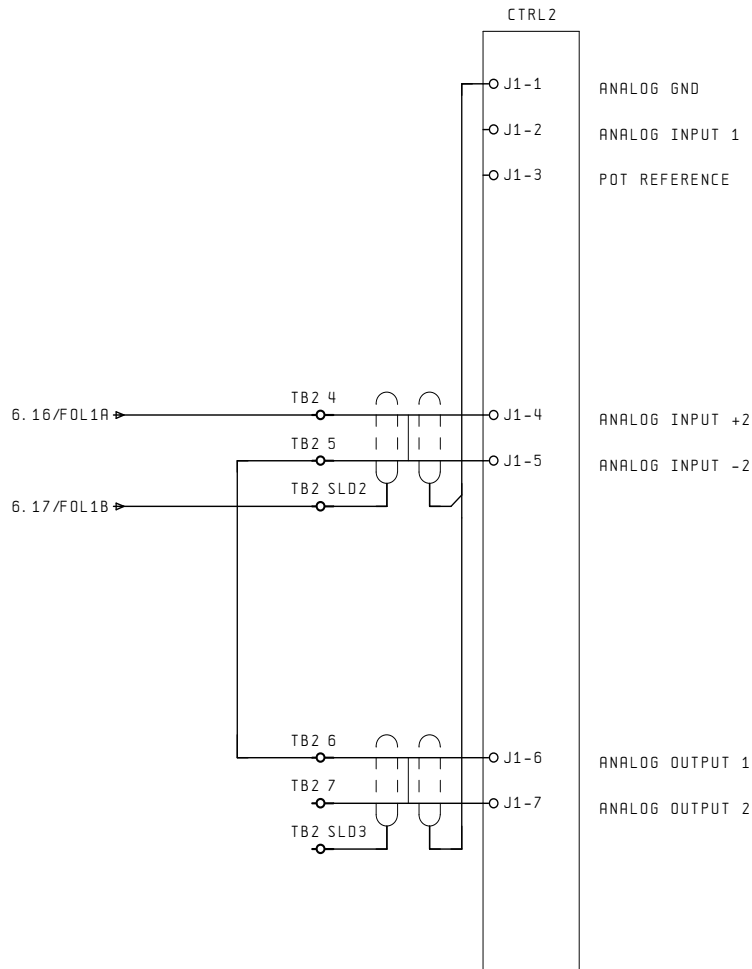


BALDOR ELECTRIC Co.		Pg. 4
ELECTRICAL SCHEMATIC		





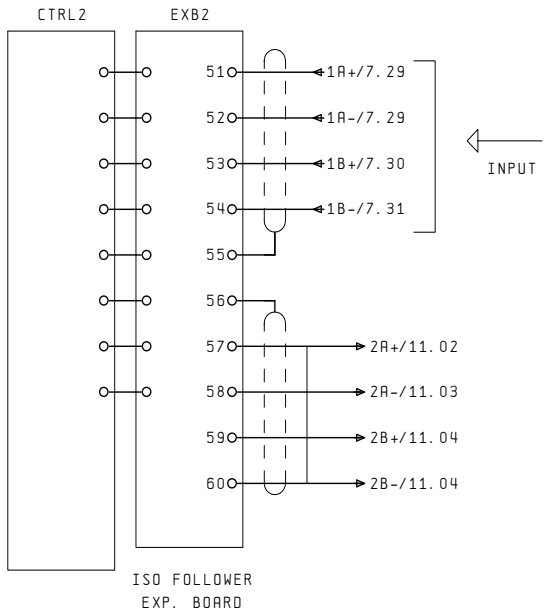
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INPUT NOTE: COMMAND SELECT : EXB PULSE FOL
ANALOG OUTPUT 1 & 2 : LOAD CURRENT



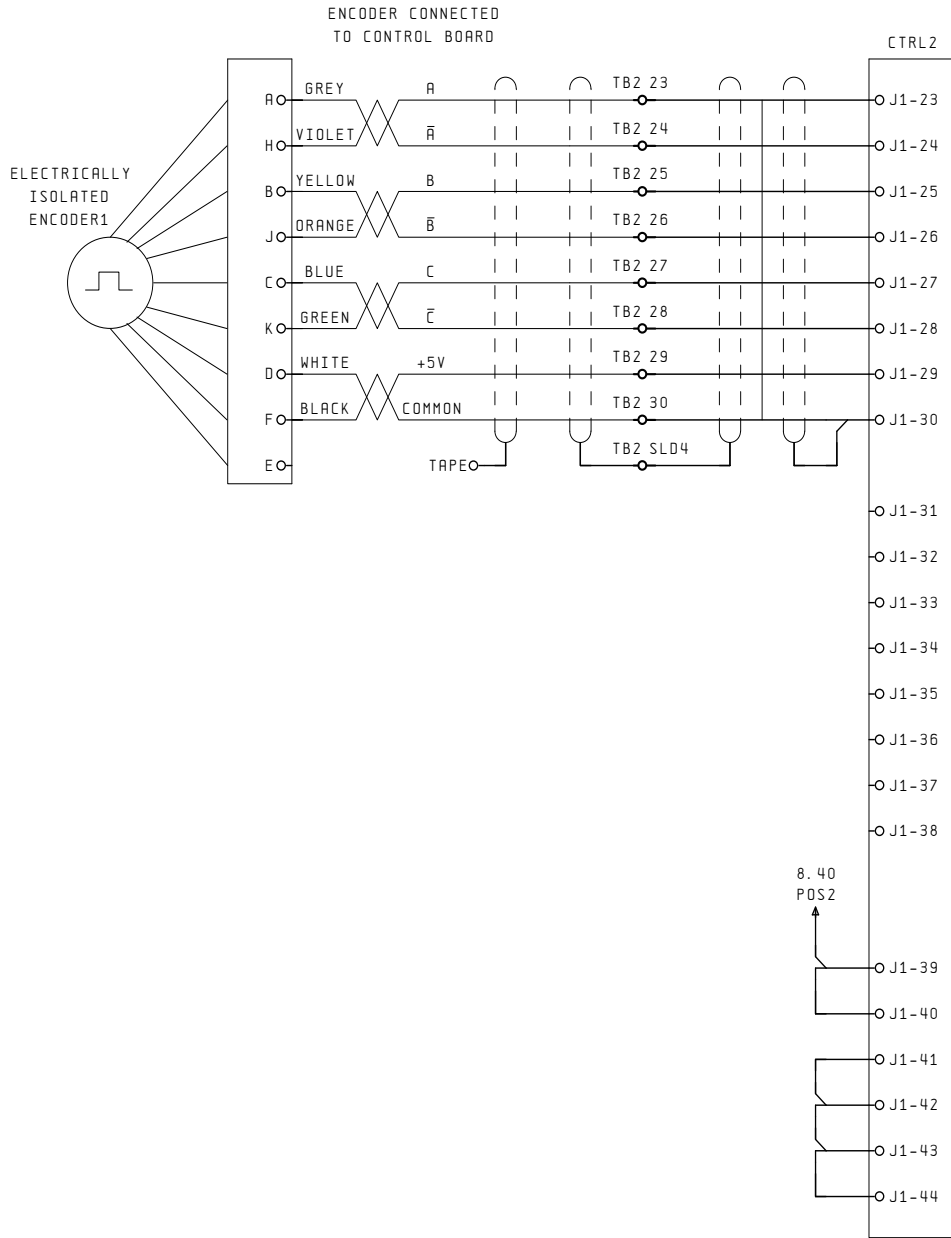
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VR420-C4		SCALE:	BY: KTT
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		FILE:	TDR: 556787

BALDOR ELECTRIC Co.
ELECTRICAL SCHEMATIC

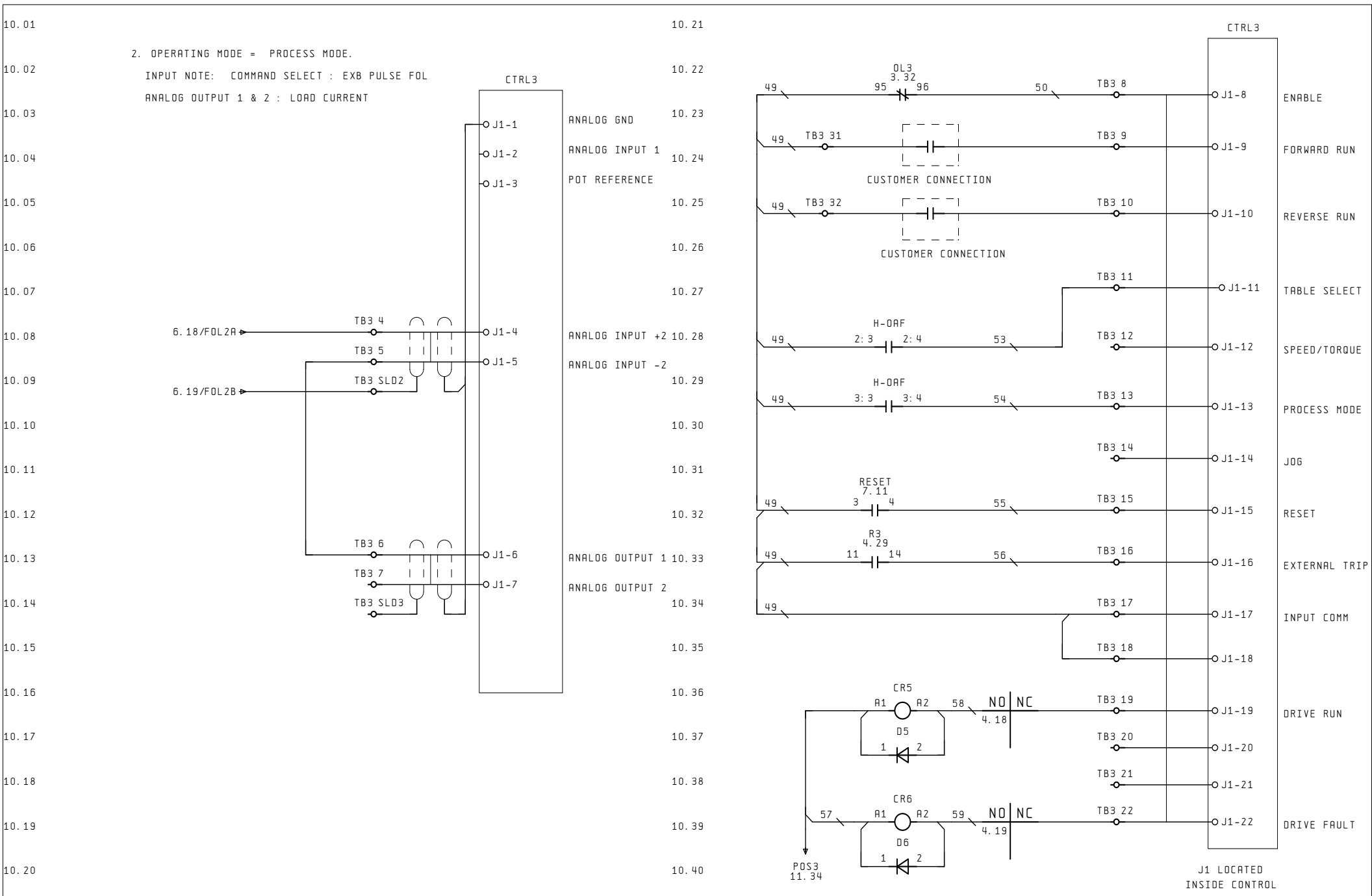
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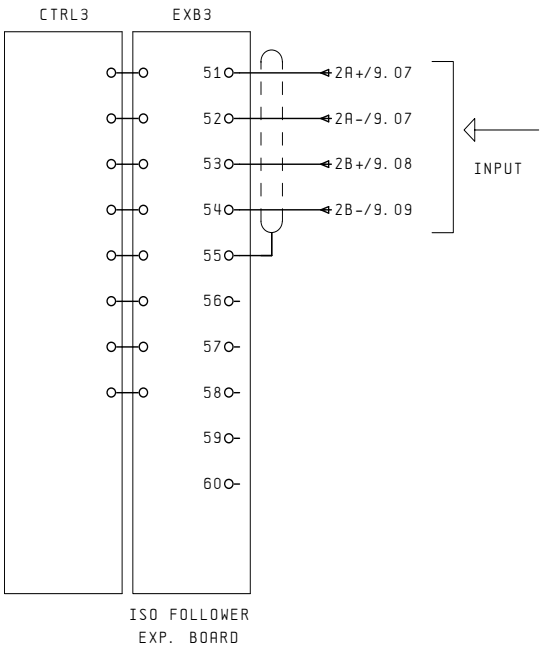
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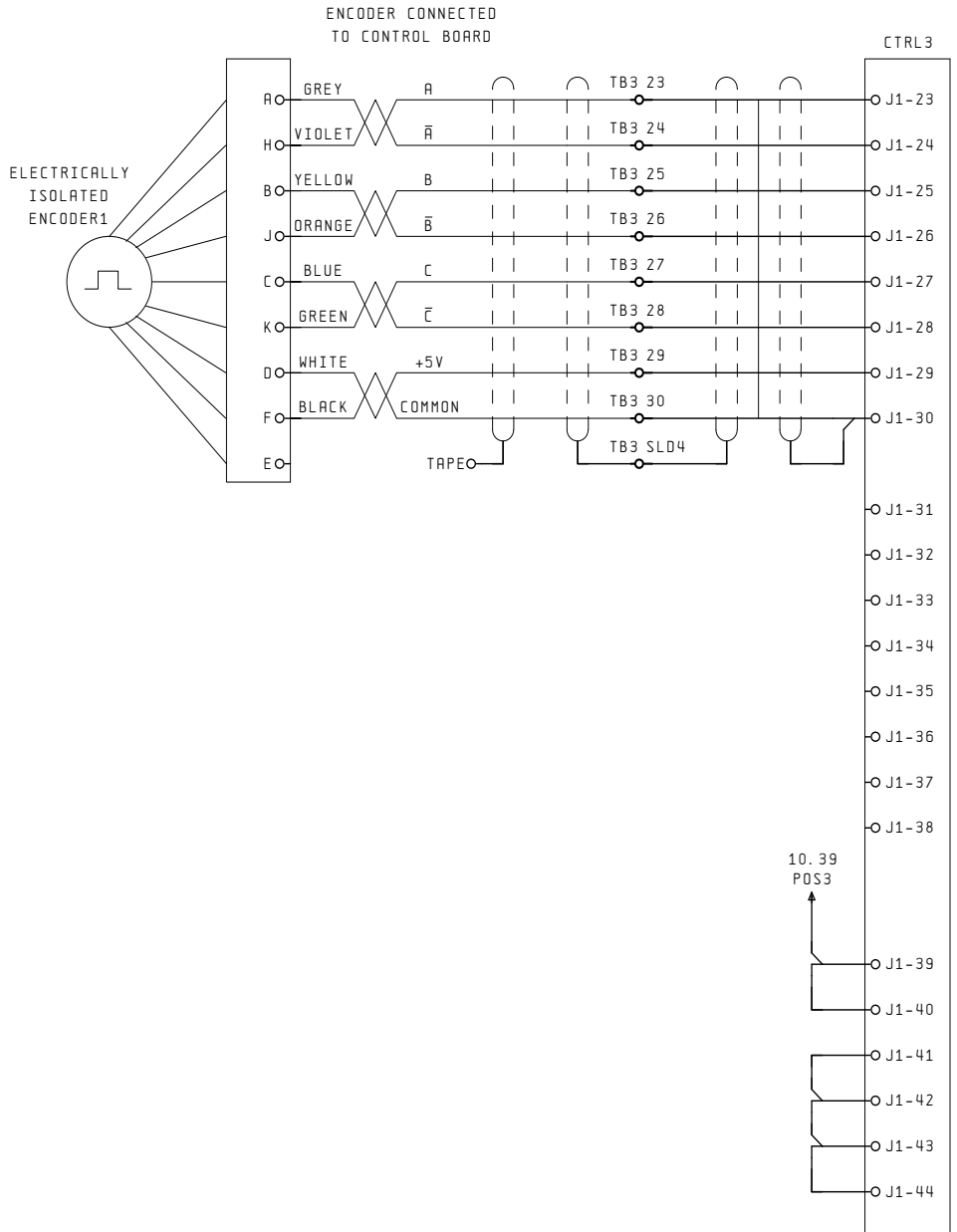
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VR420-C4		SCALE:	BY: KTT
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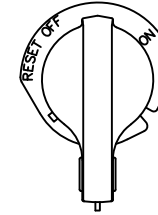


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VR420-C4		SCALE:	BY: KTT
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BALDOR

CONTROL PANEL

PN0018B27D1

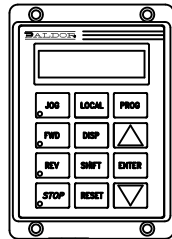
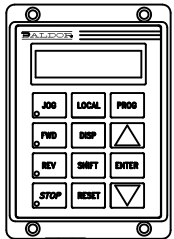


MASTER



INVERTTER

CONVERTER



Needs capability for
lockout/tagout
provisions.



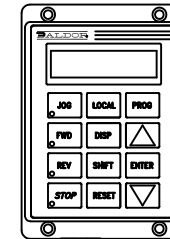
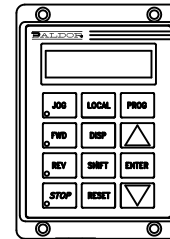
Needs to operate the
same horn buzzer as
the pendent station.

FOLLOWER 1



INVERTTER

CONVERTER

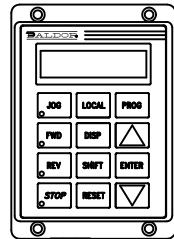
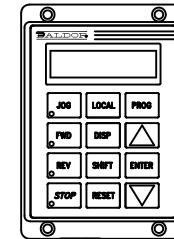


FOLLOWER 2



INVERTTER

CONVERTER



Should be
removed

PN0018B27D1

REV. DESC: NEW

REV. LTR: -

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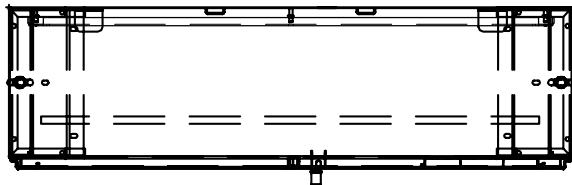
MTL: -

BY: ENKIMTO

BALDOR • DODGE • RELIANCE

OVERALL LAYOUT, 20HP(3), 460V, 22H, MATER, FOLLOWER(2), NEMA 12V

SH 1 of 1



Prefer the fans for the cabinet to be located at the top of the unit.

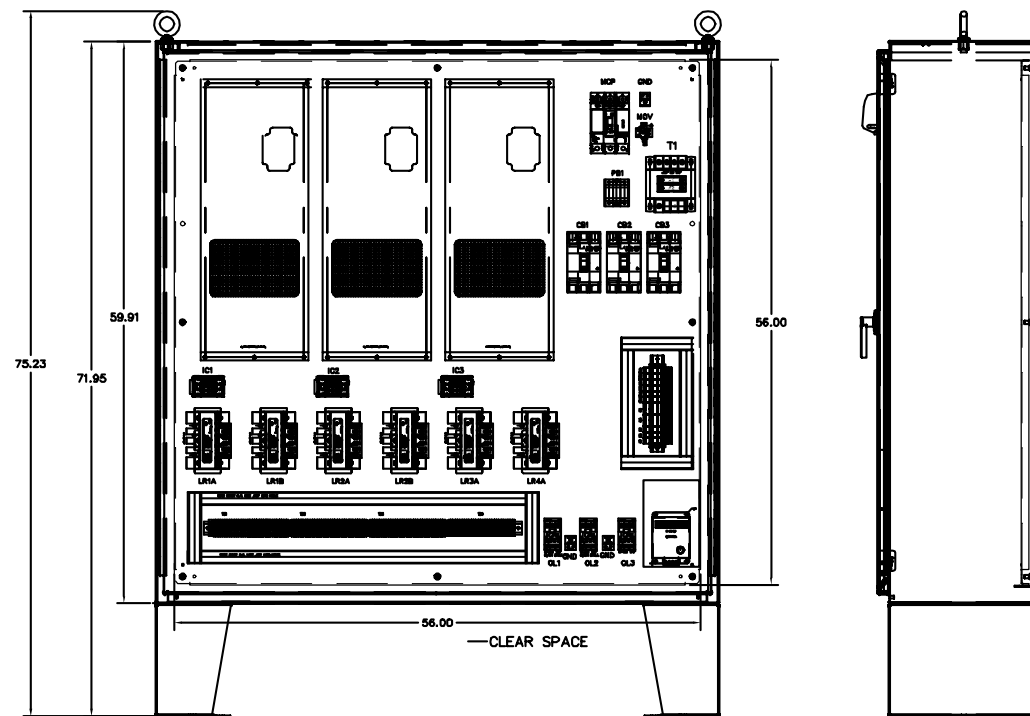
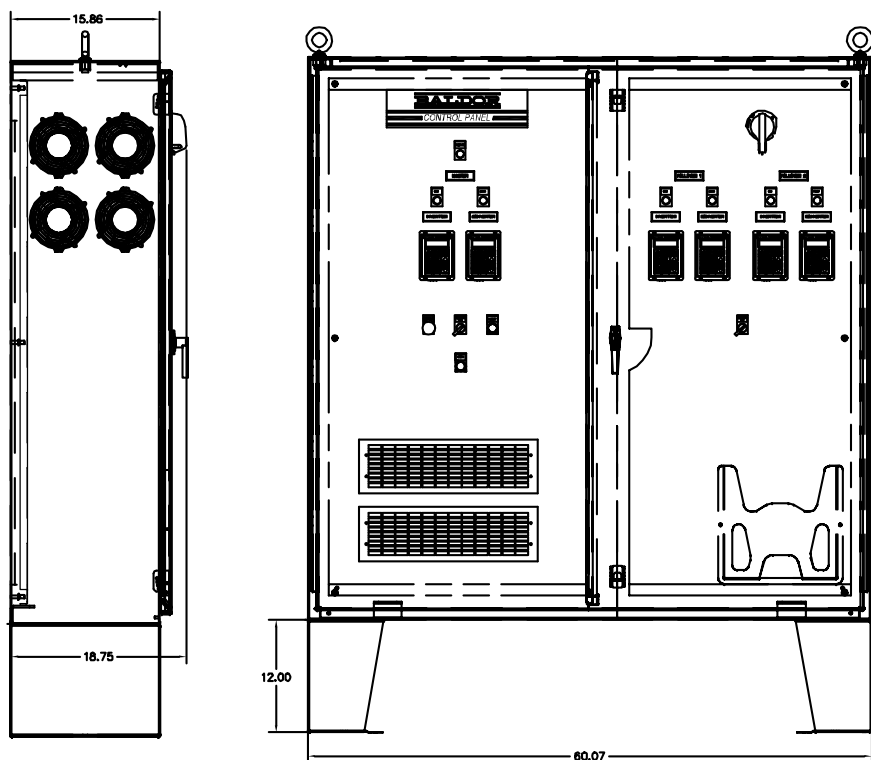
Need to make sure there is enough room at the bottom of the cabinet for a heat exchanger 12" x 12" x 6" in case we need to add on later for mitigation.

LEFT SIDE VIEW

FRONT VIEW

PANEL LAYOUT

RIGHT SIDE VIEW



Missing the casters or wheels on legs of the cabinet needs wheel lock capability.

Missing the drawing for the pendent station:

-It needs to include an on/off switch on the pendent, a provision for the horn buzzer-the horn buzzer needs to activate a relay built into the cabinet and capable of switching 110V. This will provide the signal which can be routed to where our buzzer is currently located in the building.

REV. DESC: NEW

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VERSION: 00

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BALDOR • DODGE • RELIANCE

OVERALL LAYOUT, 20HP(3), 460V, 22H, MATER, FOLLOWER(2), NEMA 12V

SH 1 of 1