

VULCAN INDUSTRIES IS NOT RESPONSIBLE FOR CONDUIT AND WIRING BETWEEN THE CONTROL PANEL AND THE EQUIPMENT.

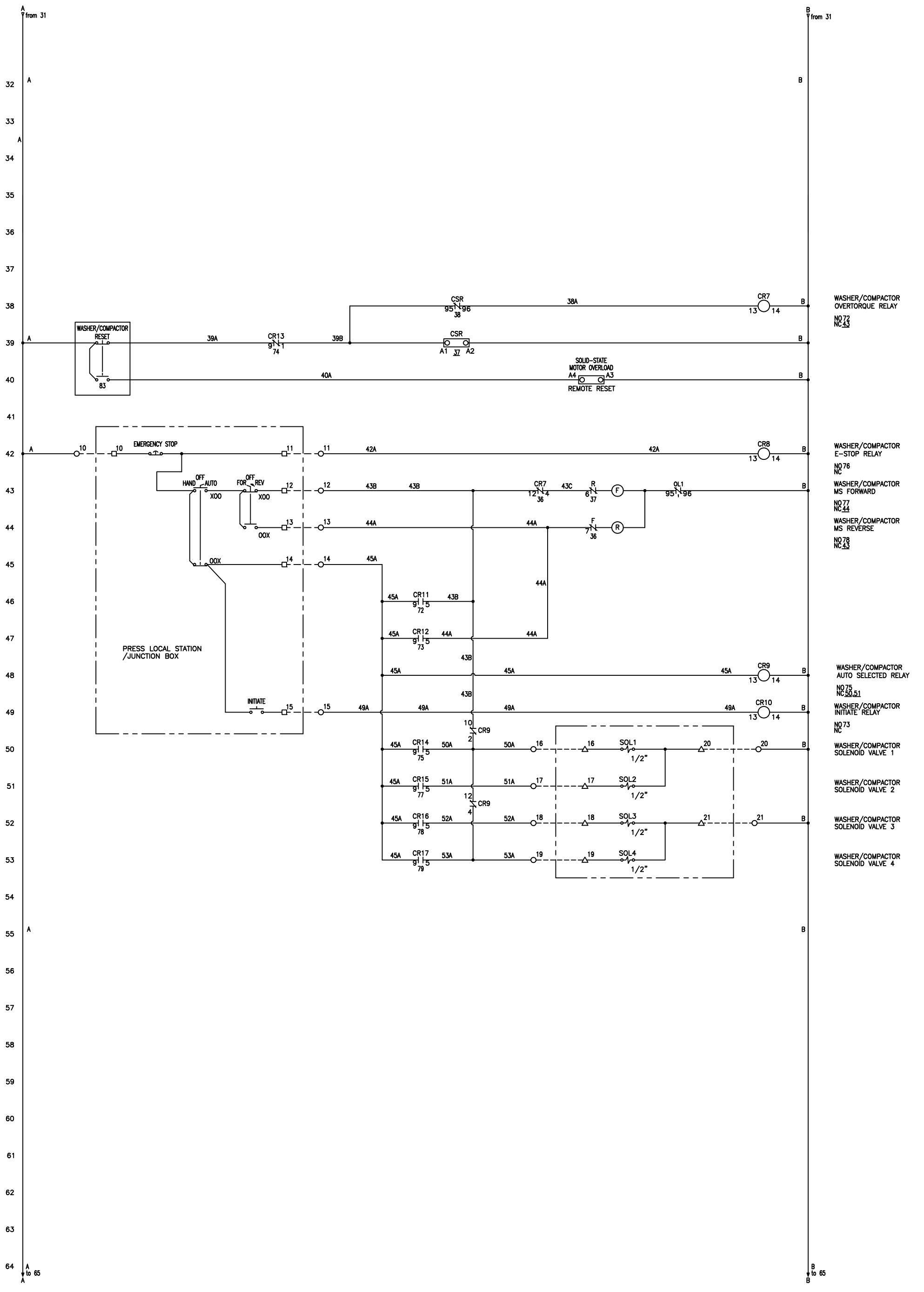
CAUTION!
THIS CONTROL PANEL IS DESIGNED TO BE MOUNTED IN A NON-EXPLOSIVE ENVIRONMENT. INSTALL PROPER CONDUIT RUNS AND SEALING FITTINGS BETWEEN EXPLOSIVE AND NON-EXPLOSIVE ENVIRONMENTS PER NATIONAL ELECTRIC CODES.

1. CONTROL PANEL NEMA 4X SS.
2. LOCAL STATION NEMA 4X SS.
3. HEAT SHRINK WIRE MARKERS.
4. CONTROL PANEL UL LISTED.
5. PVC COATED ALUMINUM CONDUIT.

- CONTROL WIRING
- FIELD WIRING
- CONTROL PANEL TERMINAL
- PRESS LCS/VALVE STAND TERMINAL
- △ SCREEN LCS TERMINAL

DENOTES EXTERNALLY MOUNTED
 DENOTES DOOR MOUNTED

		212 SOUTH KIRLIN STREET MISSOURI VALLEY, IA 51555 712-642-2755 www.vulcanindustries.com	
		SCALE: NONE DATE: 2/24/2021 SHEET NUMBER: 1 OF 4 TITLE: VMR & EWP CONTROL SCHEMATIC PROJECT: VMR HEAT TRACED & EWP IN HEATED BOX	DRAWN BY: SEB REVIEWED BY: SEB PROJECT NUMBER: REFERENCE DRAWING NUMBER: ED-REF ONLY

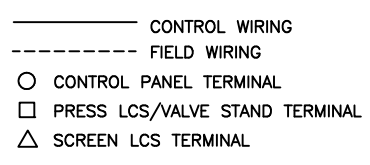


- WASHER/COMPACTOR
OVERTORQUE RELAY
NO 72
NC 43
- WASHER/COMPACTOR
E-STOP RELAY
NO 76
NC
- WASHER/COMPACTOR
MS FORWARD
NO 77
NC 44
- WASHER/COMPACTOR
MS REVERSE
NO 78
NC 43
- WASHER/COMPACTOR
AUTO SELECTED RELAY
NO 75
NC 50, 51
- WASHER/COMPACTOR
INITIATE RELAY
NO 73
NC
- WASHER/COMPACTOR
SOLENOID VALVE 1
- WASHER/COMPACTOR
SOLENOID VALVE 2
- WASHER/COMPACTOR
SOLENOID VALVE 3
- WASHER/COMPACTOR
SOLENOID VALVE 4

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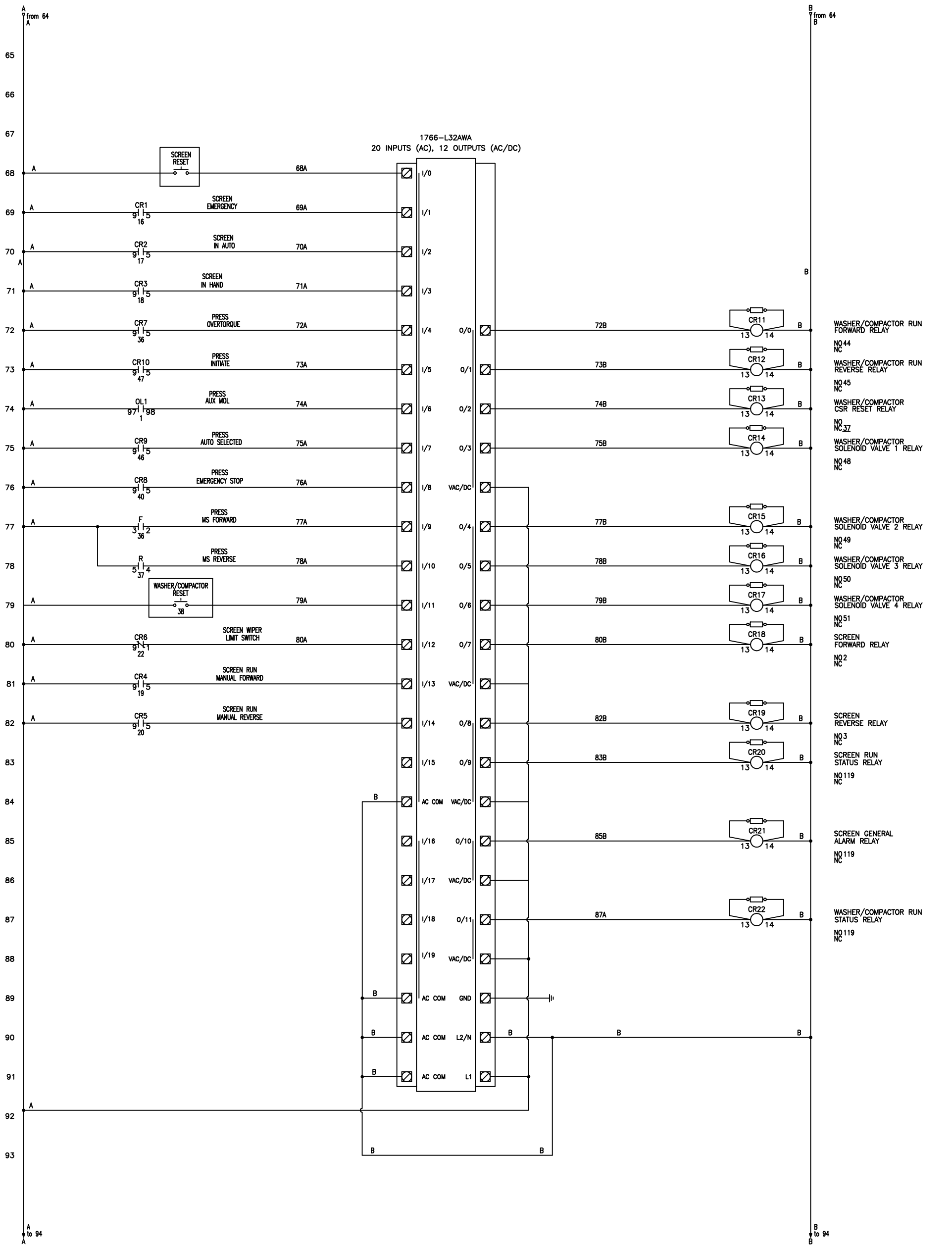
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		212 SOUTH KIRLIN STREET MISSOURI VALLEY, IA. 51555 712-642-2755 www.vulcanindustries.com	
SCALE: NONE	SHEET NUMBER: 2 OF 4	DRAWN BY: SEB	REVIEWED BY: SEB
DATE: 2/24/2021		PROJECT NUMBER: REFERENCE	
TITLE: VKR & EWP CONTROL SCHEMATIC		DRAWING NUMBER: ED-REF ONLY	
PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE			




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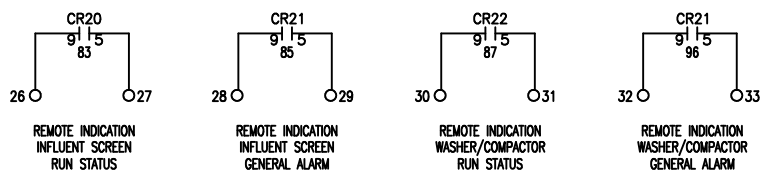
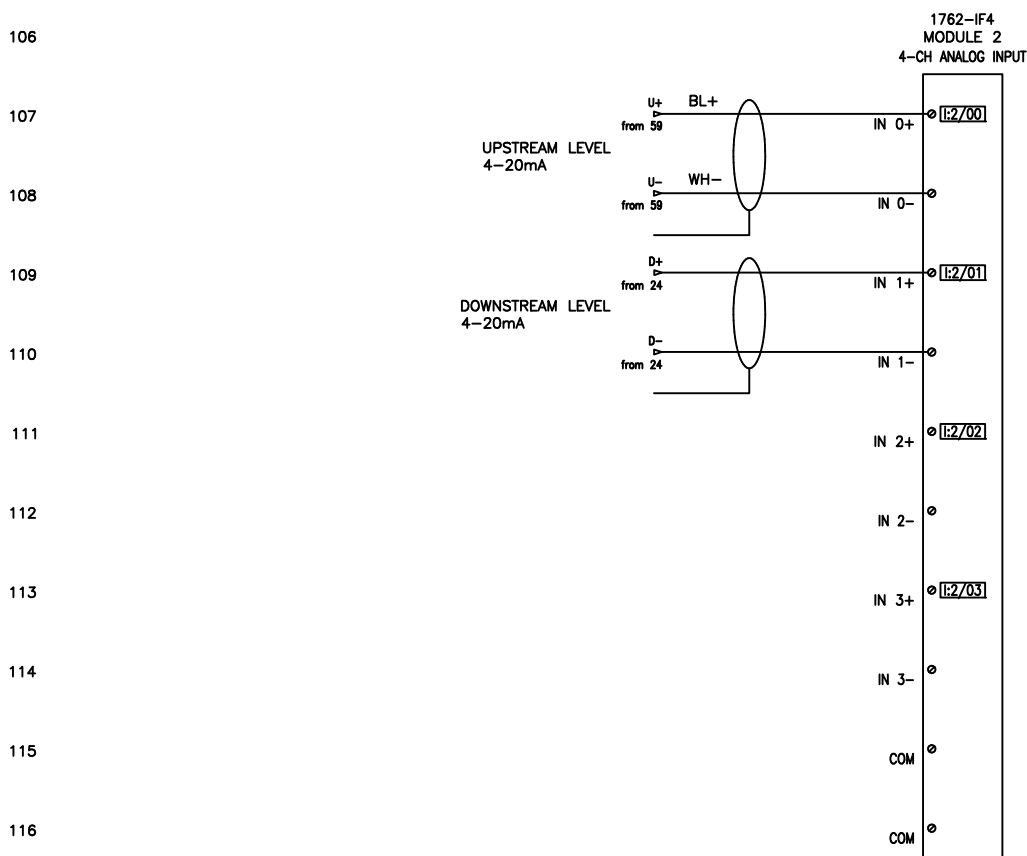
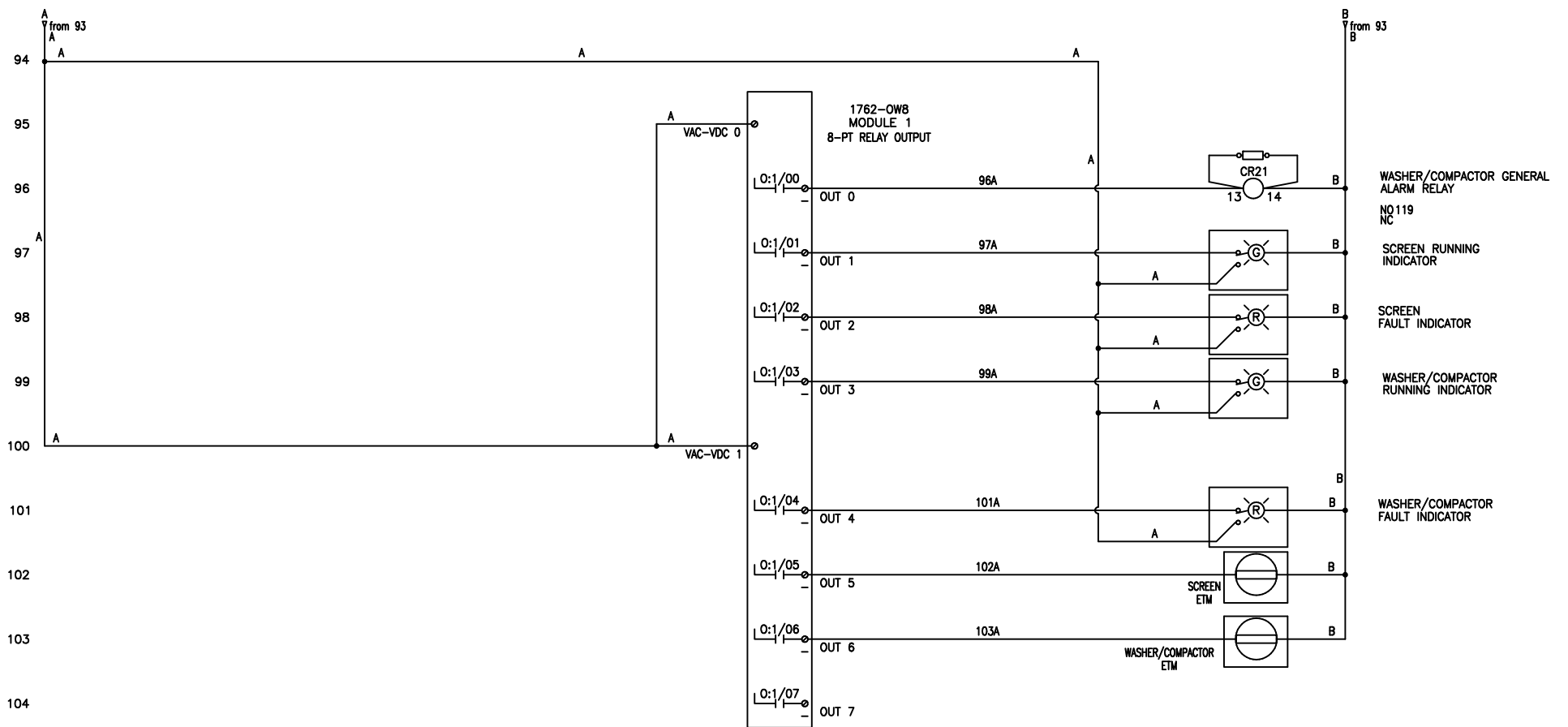
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- - - - - FIELD WIRING
- CONTROL PANEL TERMINAL
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- △ SCREEN LCS TERMINAL

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□ DENOTES DOOR MOUNTED

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SCALE: NONE	DATE: 2/24/2021	SHEET NUMBER: 3 OF 4	DRAWN BY: SEB
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PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY	



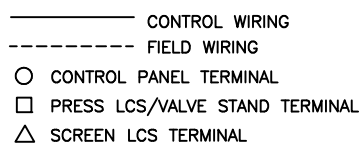
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DENOTES DOOR MOUNTED

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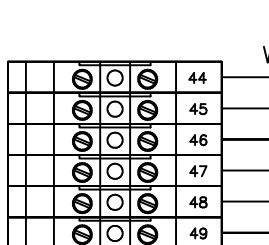
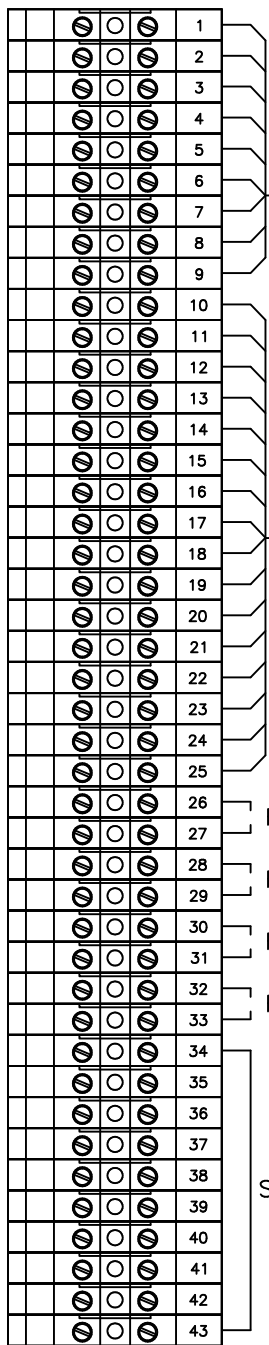
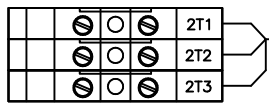
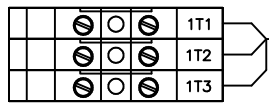
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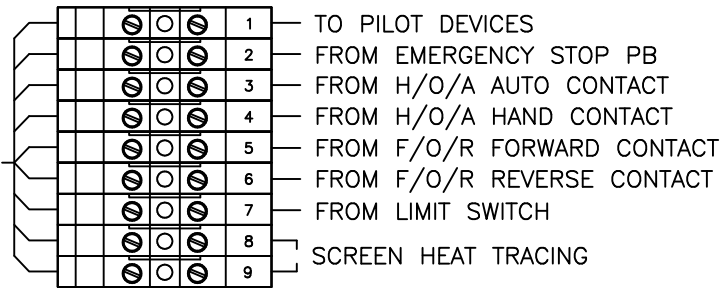
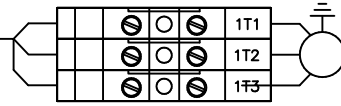


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PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY	

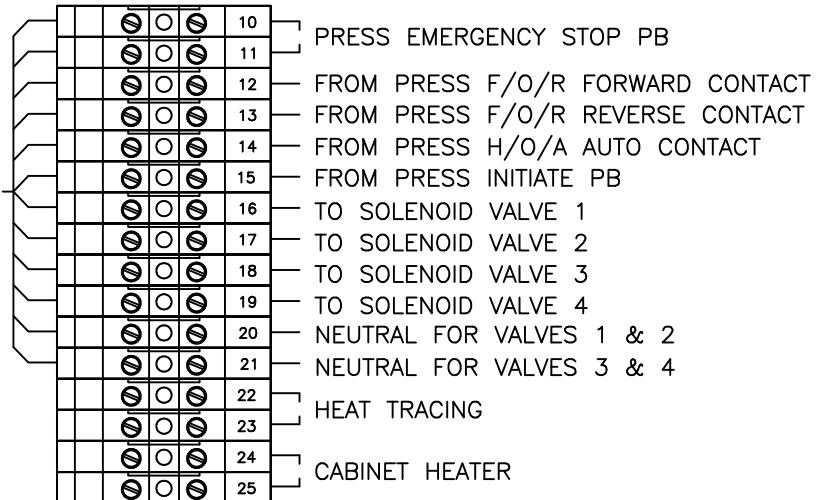
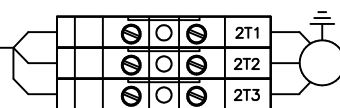
MAIN CONTROL PANEL
TERMINAL BLOCKS



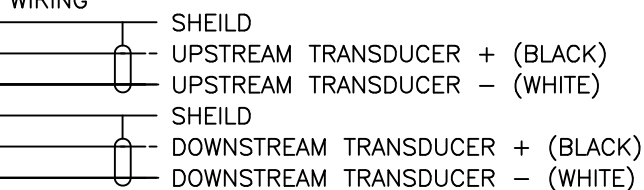
SCREEN LOCAL CONTROL/J-BOX
TERMINAL BLOCKS



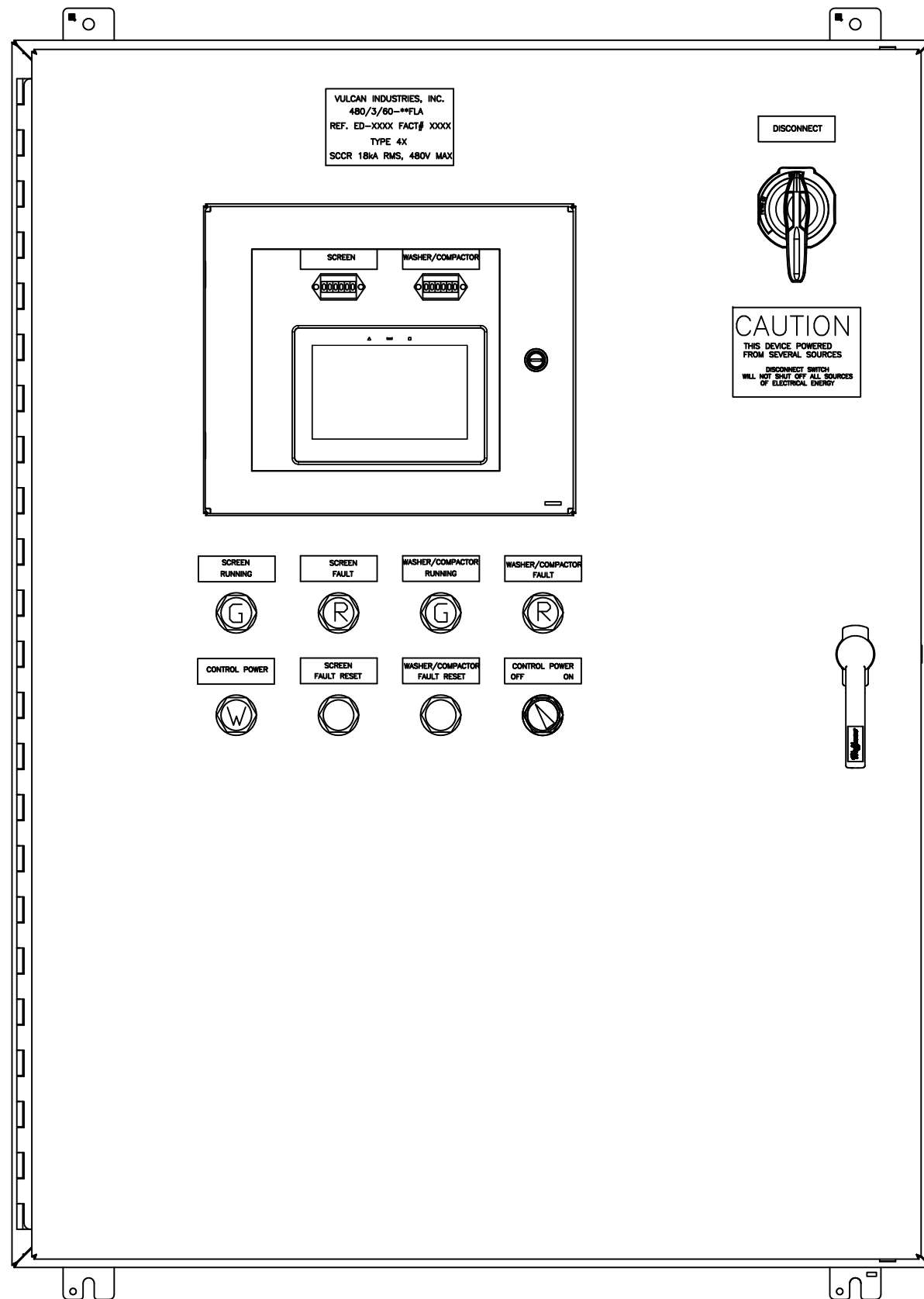
PRESS LOCAL CONTROL/J-BOX
TERMINAL BLOCKS



FIELD
WIRING

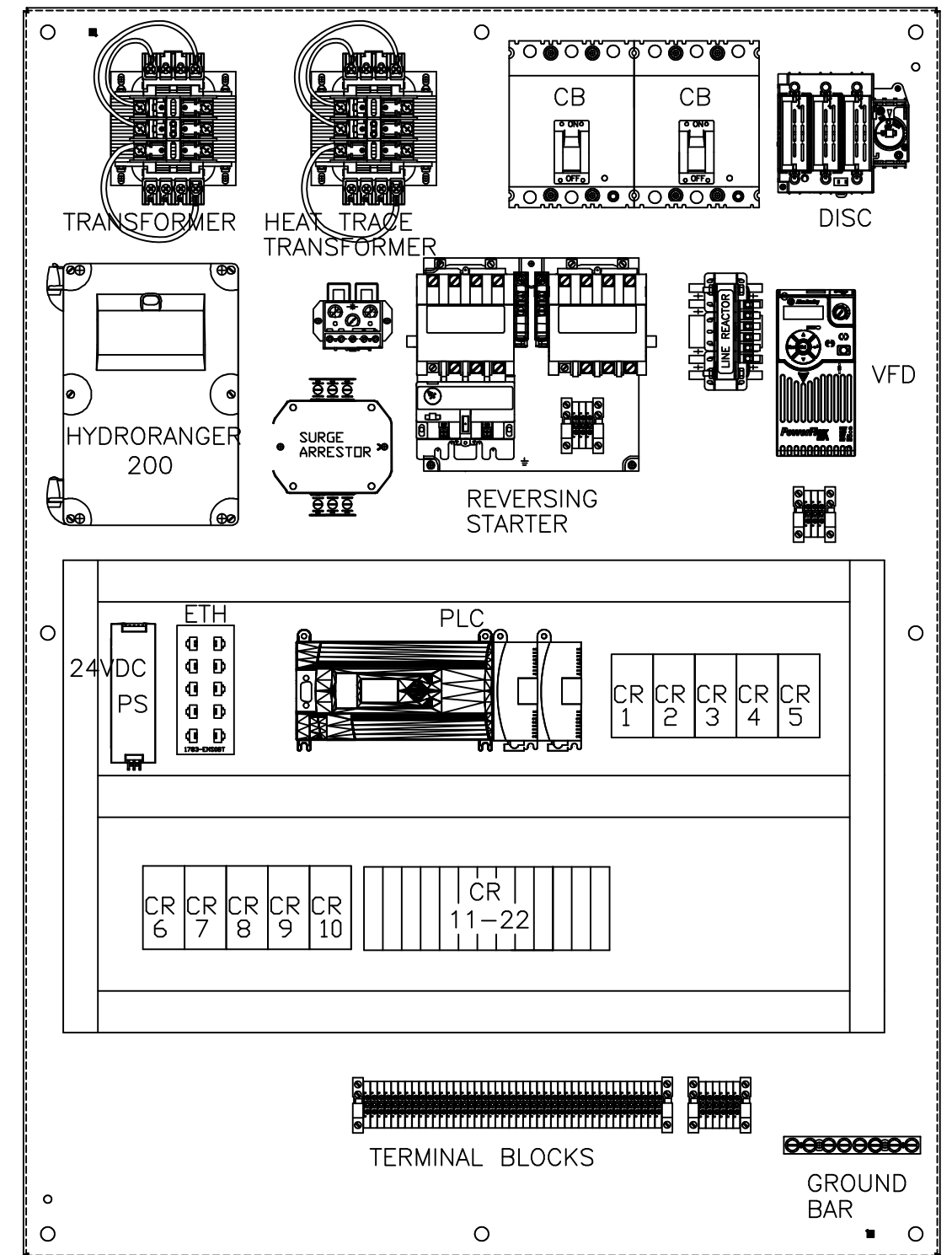


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		SCALE: NONE	DRAWN BY: SES
DATE: 2/24/2021	SHEET NUMBER: 1 OF 1	REVIEWED BY: SES	
TITLE: VKR & EWP TERMINAL BLOCKS		PROJECT NUMBER: REFERENCE	
PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY	



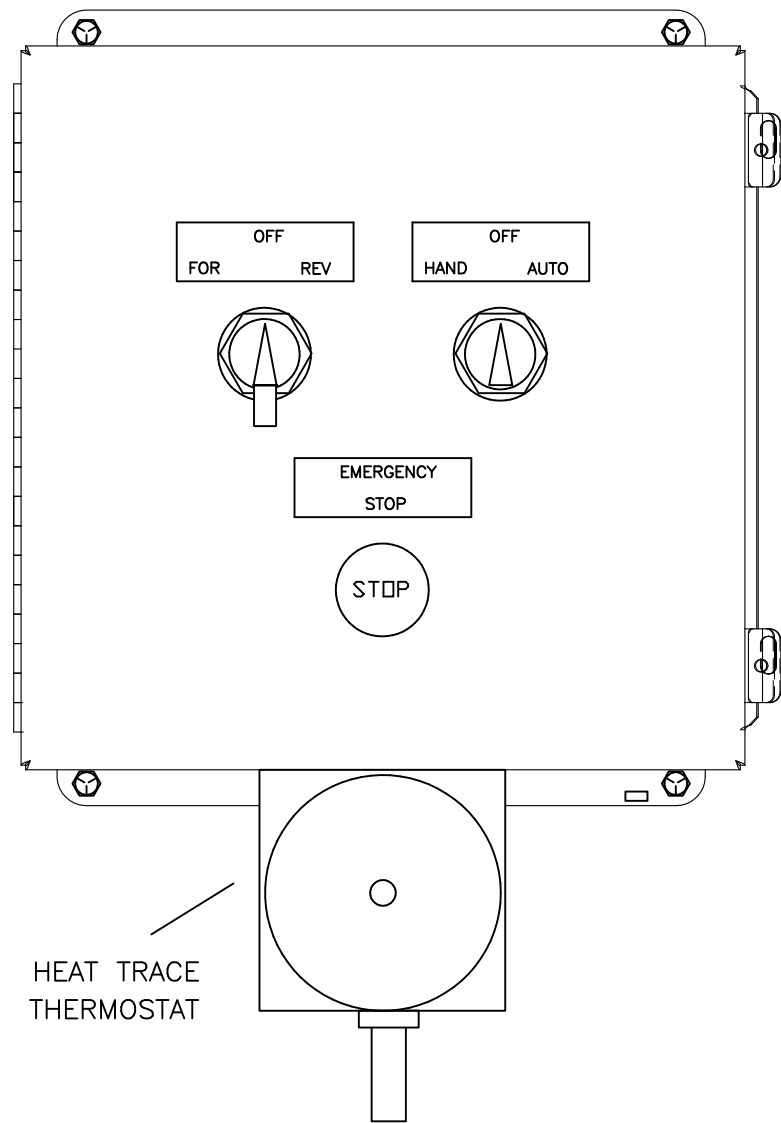
NO CONDUIT ENTRANCES
PROVIDED IN THE ENCLOSURE

ENCLOSURE HOFFMAN A48H3608SSLP3PT
NEMA TYPE 4X 304SS

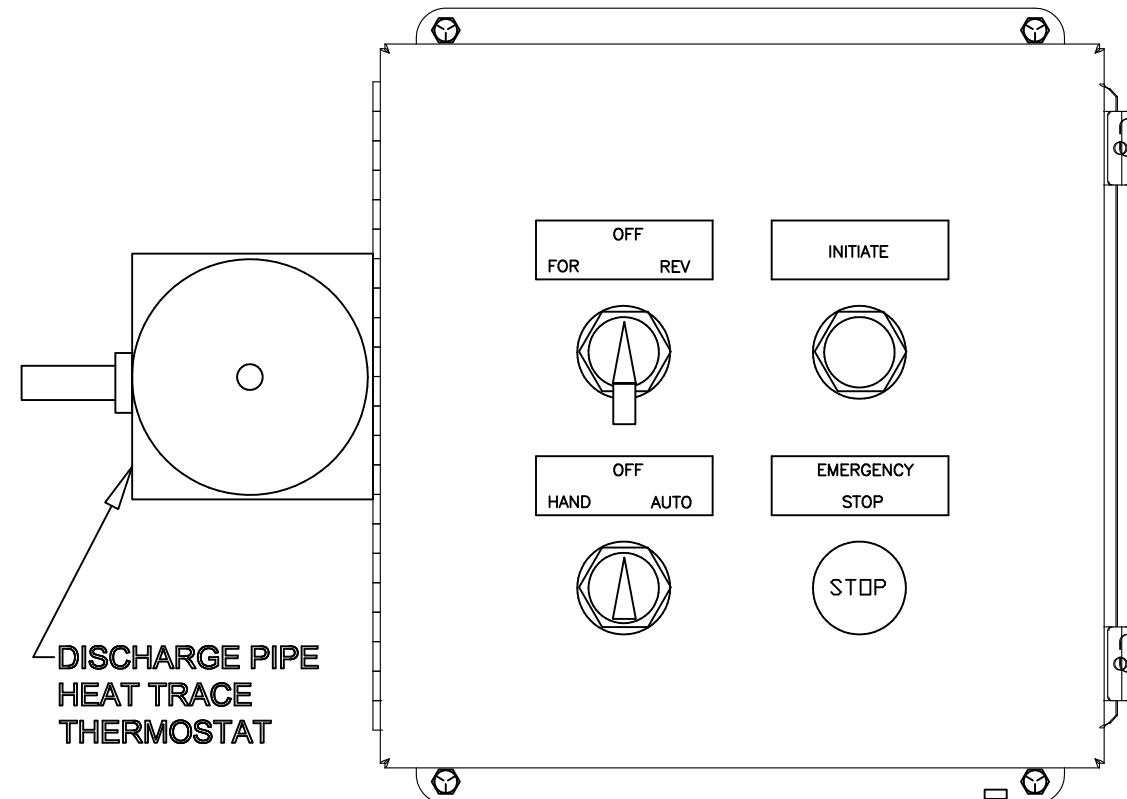


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		SCALE: NONE	DRAWN BY: SES
DATE: 2/24/2021	SHEET NUMBER: 1 OF 1	REVIEWED BY: SES	
TITLE: PANEL LAYOUT		PROJECT NUMBER: REFERENCE	
PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY	


MOUNTED ON SCREEN
 DRIVE MOTOR, LIMIT SWITCH & HEAT TRACE
 FACTORY WIRED TO THIS ENCLOSURE

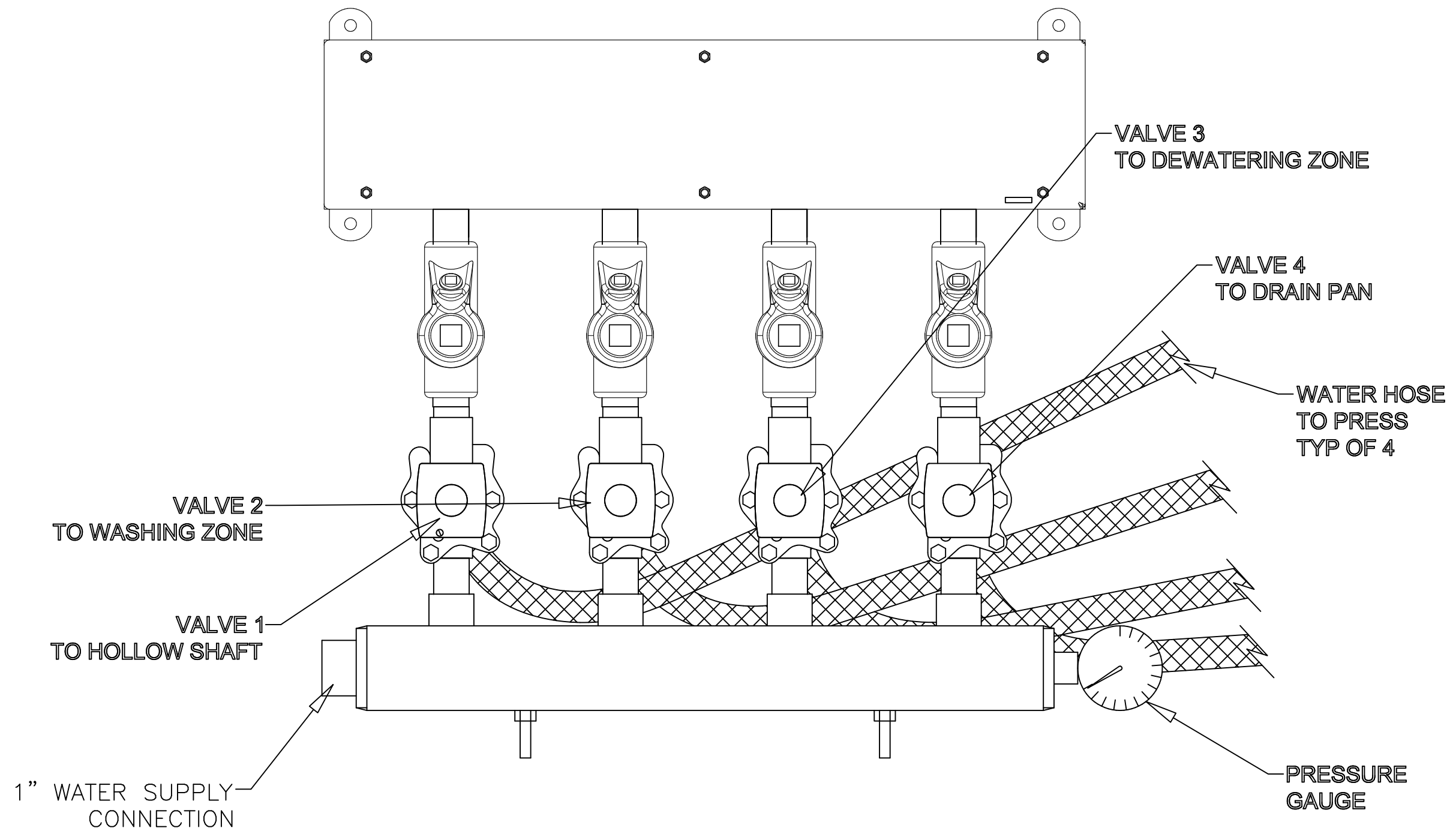


MOUNTED ON EXTERIOR OF PRESS CABINET
 DRIVE MOTOR & VALVES
 FACTORY WIRED TO THIS ENCLOSURE




INTERCONNECTING CONDUIT AND WIRING
 TO BE PROVIDED BY OTHERS.

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		SCALE: NONE	DRAWN BY: SES
DATE: 2/24/2021	SHEET NUMBER: 1 OF 1	REVIEWED BY: SES	
TITLE: LOCAL CONTROL STATIONS		PROJECT NUMBER: REFERENCE	
PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY	



MOUNTED ON THE INTERIOR OF PRESS CABINET
VALVES FACTORY WIRED TO LOCAL ENCLOSURE

		212 SOUTH KIRLIN STREET MISSOURI VALLEY, IA. 51555 712-642-2755 www.vulcanindustries.com	
		SCALE: NONE	
DATE: 2/24/2021	SHEET NUMBER: 1 OF 1	REVIEWED BY: SES	
TITLE: VALVE MANIFOLD & SOLENOID VALVE STACK		PROJECT NUMBER: REFERENCE	
PROJECT: VMR HEAT TRACED & EWP IN HEATED ENCLOSURE		DRAWING NUMBER: ED-REF ONLY-A	