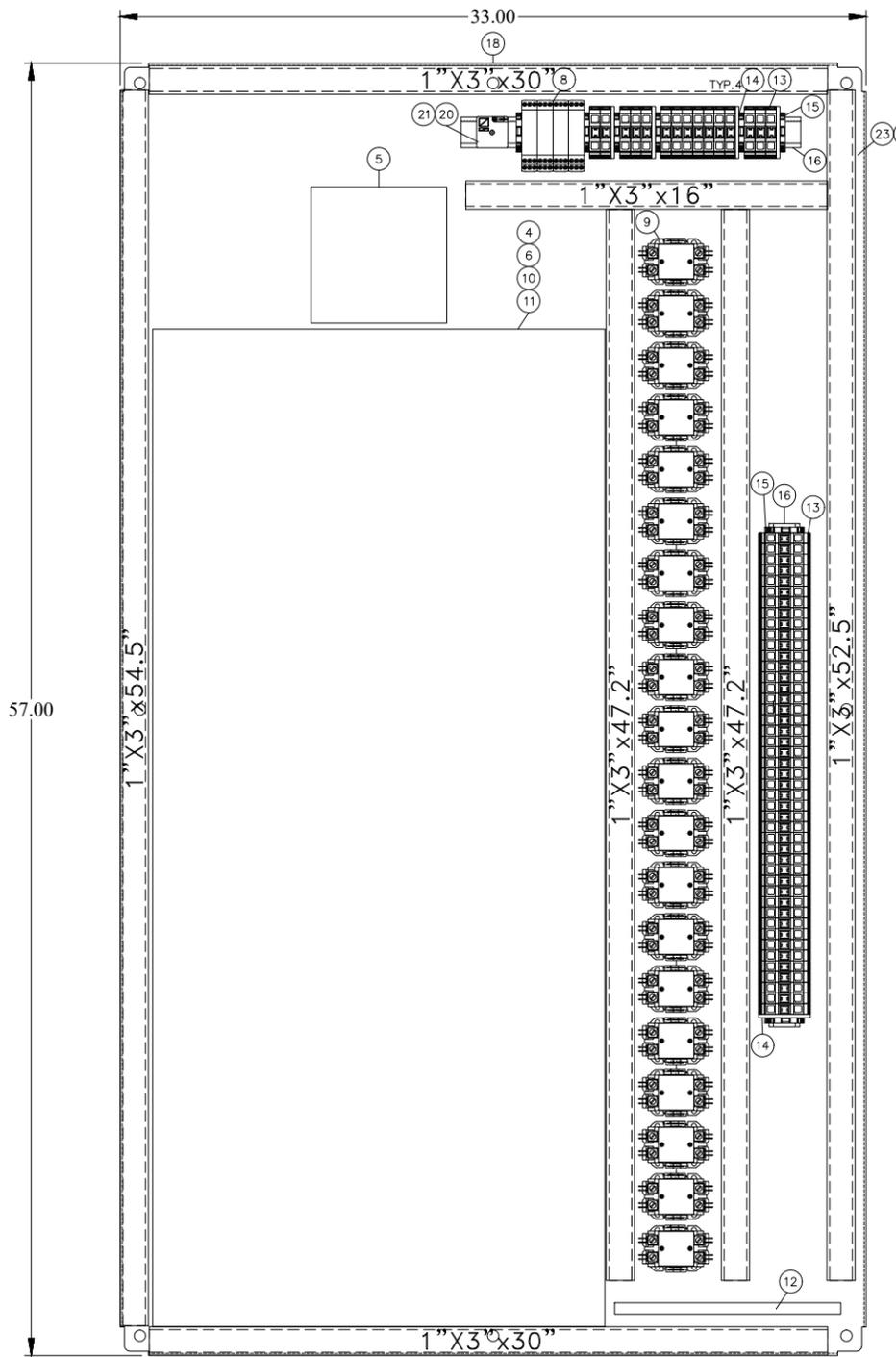


EXTERIOR LAYOUT



INTERIOR LAYOUT

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	PART NO.	DESCRIPTION
1	1	ALLEN BRADLEY	800T-QT-10A	INDICATOR LIGHT
2	1	ALLEN BRADLEY	800T-J20A	THREE POSITION SWITCH
3	1	ALLEN BRADLEY	800T-XAF	CONTACT BLOCK
4	20	SIEMENS	BE230	2-POLE 30 AMP QB-BREAKER GFI-EDP
5	1	SIEMENS	MBKQR3150A MTG KIT	150-AMP-3-PHASE BREAKER
6	2	SIEMENS	B130	1 POLE 30 AMP QB-BREAKER
7	1	CHROMALOX	6040-RR000	TEMPERATURE CONTROLLER
8	4	ALLEN BRADLEY	700-FS-101JU23	TIME DELAY RELAY
9	20	ALLEN BRADLEY	400DP40ND2	CONTACTOR, 40A,2P,120/60
10	1	SIEMENS	P1X42MC250CT	250A 208/120V 42-CIRCUIT UPB
11	1	SIEMENS	DFFFP1	FILLER PLATE, BL/BQD/ED2 PNLBD & SWBD
12	1	SIEMENS	EKG-44CONN	AL, GROUND BUS
13	60	ALLEN BRADLEY	1492-J16	TERMINAL BLOCK
14	5	ALLEN BRADLEY	1492-EBJ3	TERMINAL BLOCK, END PLATE
15	8	ALLEN BRADLEY	1492-EAJ35	TERMINAL BLOCK, END STOP
16	4	TYC	17322005	DIN RAIL
17	1	HOFFMAN	CSD603612	60 X 36 X 12, MSTL ENCLOSURE
18	1	HOFFMAN	C-P6036	BACK PLATE
19	1	T&B	WAT-5013	208V DANGER LABEL
20	1	ALLEN BRADLEY	700HA-32A1	INDUSTRIAL RELAY, DPDT
21	1	ALLEN BRADLEY	700-HN100	RELAY BASE 8 PIN
22	1	N/A	N/A	ENGRAVED NAMEPLATE FOR MARKER HOLDERS (SEE NAMEPLATE SCHEDULE)
-	-	-	-	-
23	5	PANDUIT	G1X3LG6	1"X3" WIRE DUCT
24	5	PANDUIT	G1LG6	1" WIRE DUCT COVER
25	1	RACHEM	RTD-200	TEMPERATURE SENSOR FOR AMBIENT SENSING

NAME PLATE / TB MARKER SCHEDULE

ITEM	QTY	LINE 1	LINE 2	LINE 3	TEXT HEIGHT	NP SIZE	TYPE
N1	1	HTP-200	HEAT TRACE	CONTROL PANEL	3/16"	2" x 4"	WHT W/BLK LETTERS
N2							

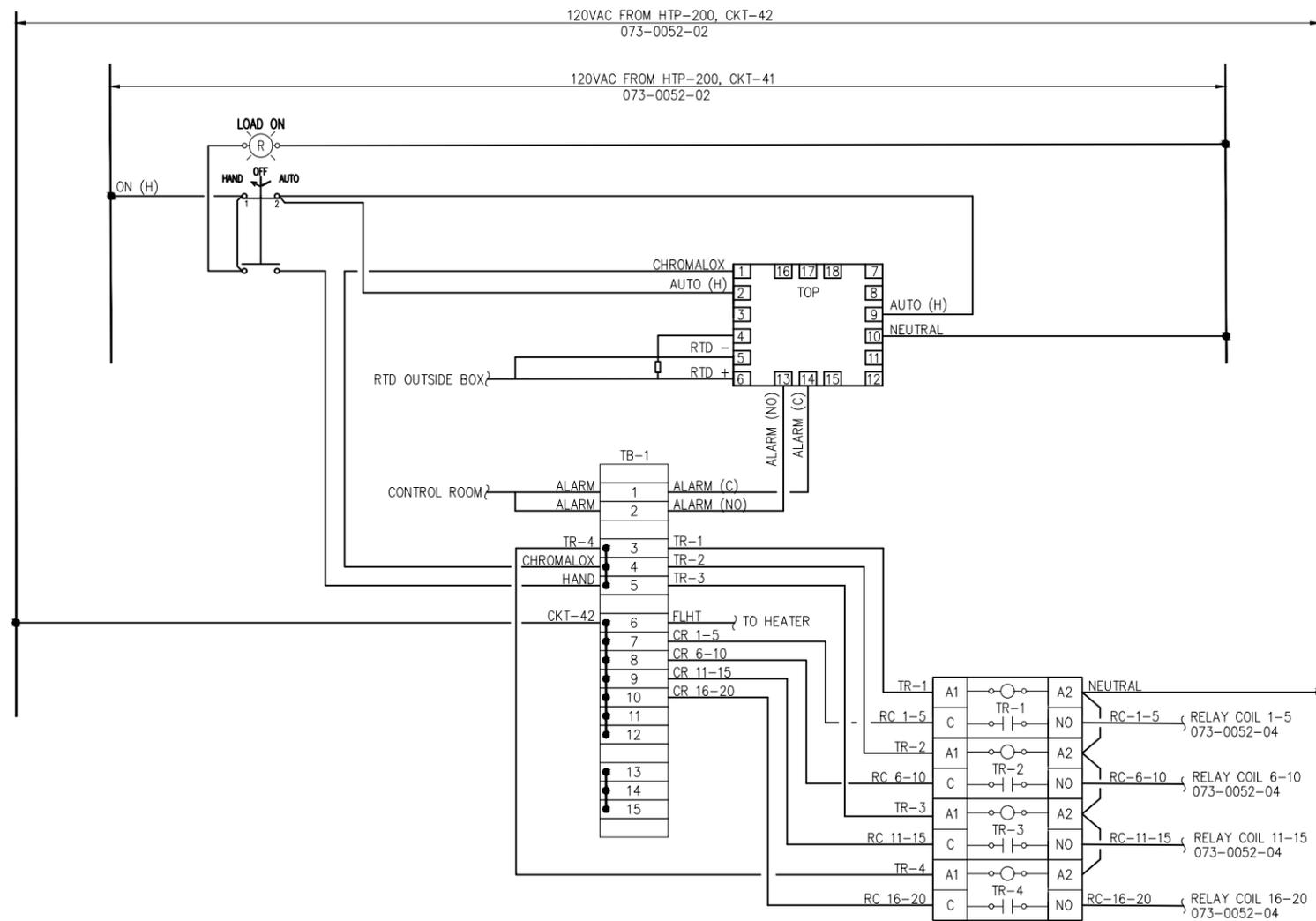
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DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CK'D	APP	DATE	APP	DATE
073-0052-02	HTP-200 LOAD CENTER PANEL SCHEDULE	A	07/24	ISSUED FOR REVIEW	DS	BC	RD			
073-0052-03	HTP-200 HEAT TRACE PANEL TB-1 WIRING DIAGRAM	0	08/24	ISSUED FOR CONSTRUCTION	DS	BC	RD			
073-0052-04	HTP-200 HEAT TRACE PANEL TB-2 WIRING DIAGRAM									
071-0005-03	HTP-200 HEAT TRACE PANEL ONE-LINE DIAGRAM									
071-0005-04	HTP-200 HEAT TRACE PANEL ONE-LINE DIAGRAM									

NOTES

ENGINEERING RECORD	DATE
DRN: DS	07/24
CHK: BC	07/24
APP: RD	07/24
APP:	
W.O. No.:	
SCALE:	


 MCBU, PERMIAN MIDLAND, TEXAS
 SOUTH CHINA DRAW CGC
 ELECTRICAL
 HTP-200 HEAT TRACE CONTROL PANEL LAYOUT & BOM
 DWG. NO. PRM-80357-00-073-0052-01 REV 0

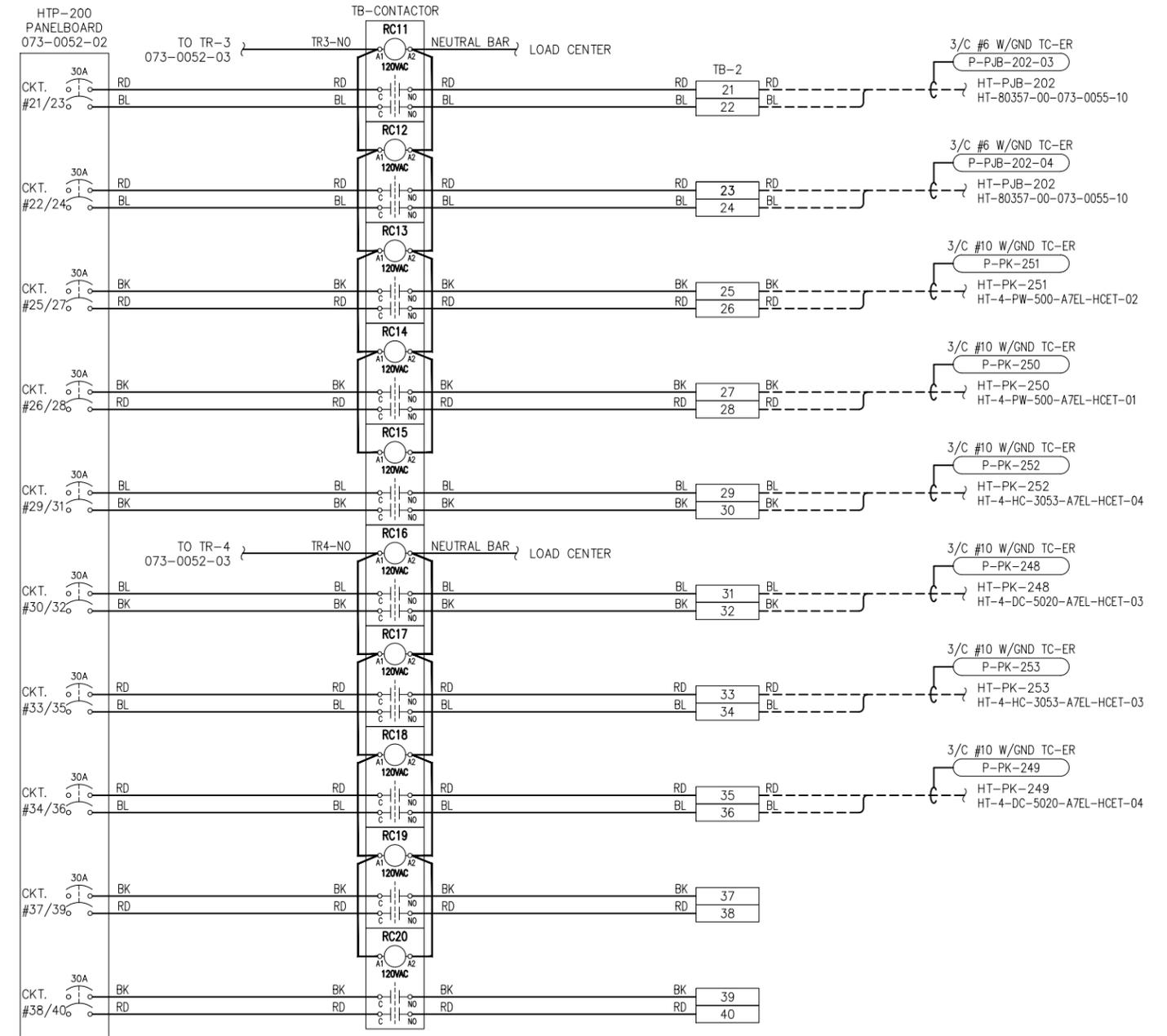
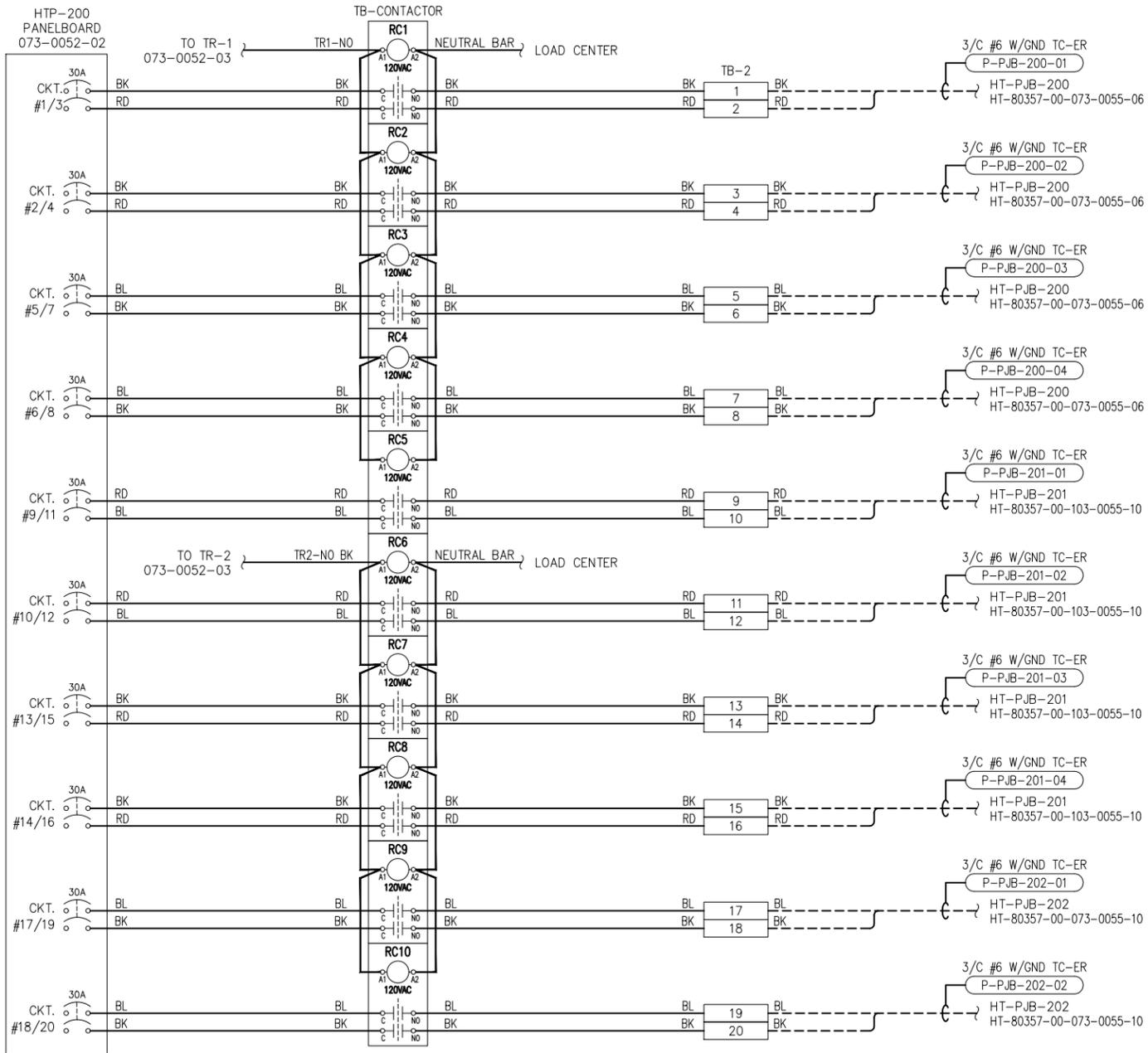


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DWG. NO.	REFERENCE DRAWINGS	NO.	DATE	REVISIONS	BY	CK'D	APP	DATE	APP	DATE	NOTES
073-0052-01	HTP-200 HEAT TRACE CONTROL PANEL LAYOUT & BOM	A	07/24	ISSUED FOR REVIEW	DS	BC	RD				
073-0052-02	HTP-200 LOAD CENTER PANEL SCHEDULE	0	08/24	ISSUED FOR CONSTRUCTION	DS	BC	RD				
073-0052-03	HTP-200 HEAT TRACE PANEL TB-1 WIRING DIAGRAM										
071-0052-04	HTP-200 HEAT TRACE PANEL TB-2 WIRING DIAGRAM										
071-0005-03/04	HTP-200 HEAT TRACE PANEL ONE-LINE DIAGRAM										

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 SOUTH CHINA DRAW CGC
 ELECTRICAL
 HTP-200 HEAT TRACE PANEL TB-1 WIRING DIAGRAM
 DWG. No. PRM-80357-00-073-0052-03 REV 0



LEGEND

- PANEL WIRING
- - - - FIELD WIRING

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ConocoPhillips MCBU, PERMIAN MIDLAND, TEXAS

SOUTH CHINA DRAW CGC ELECTRICAL

HTP-200 HEAT TRACE PANEL TB-2 WIRING DIAGRAM

DWG. No. PRM-80357-00-073-0052-04 REV 0