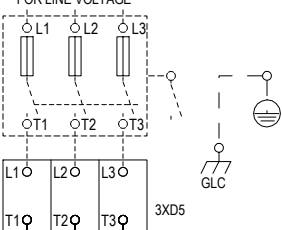
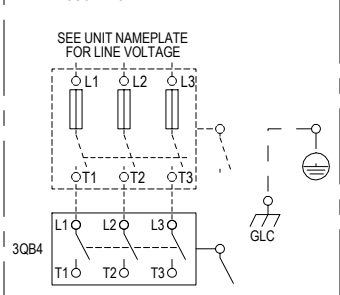


421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480

SEE UNIT NAMEPLATE
FOR LINE VOLTAGE

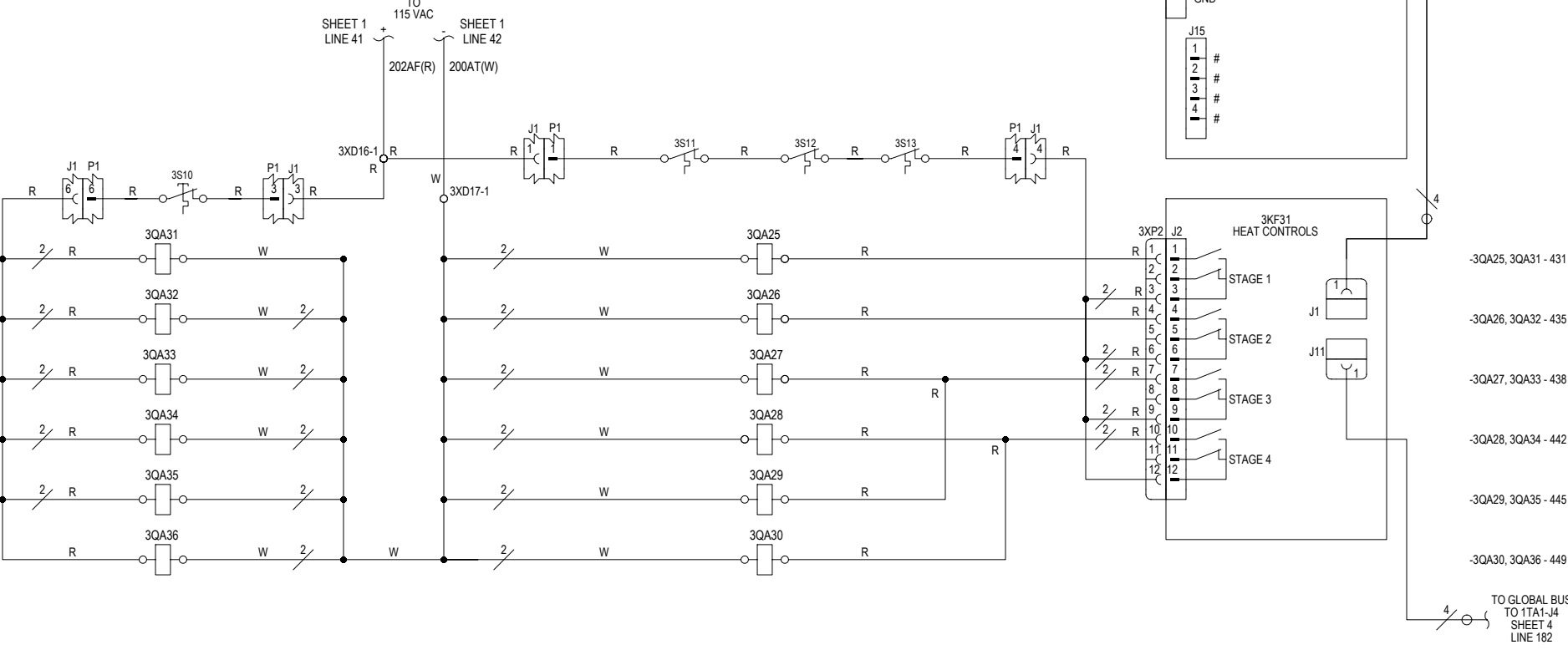
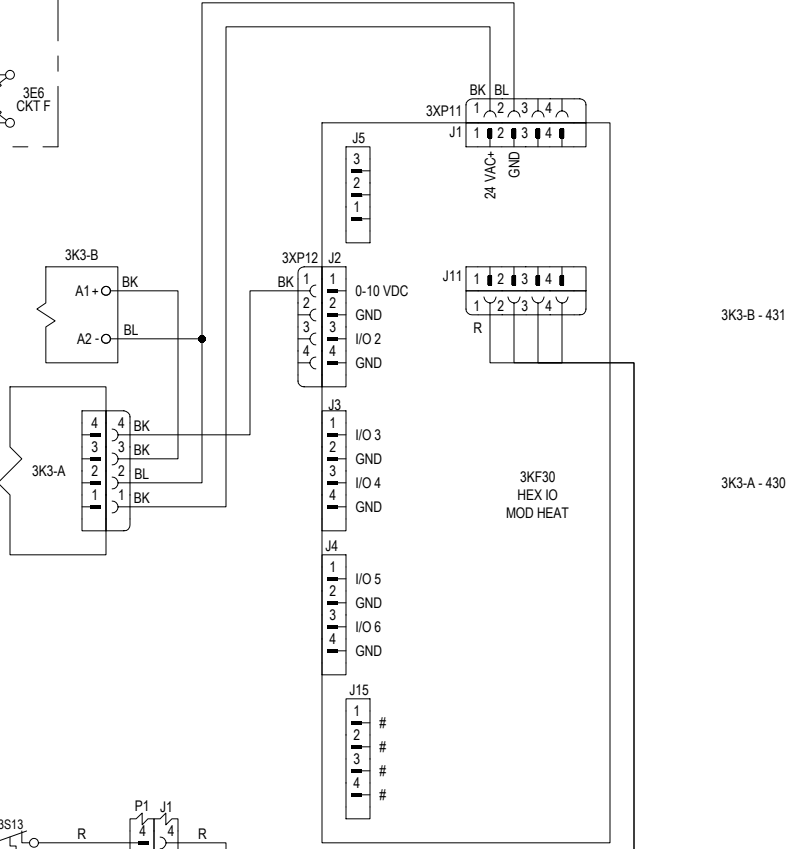
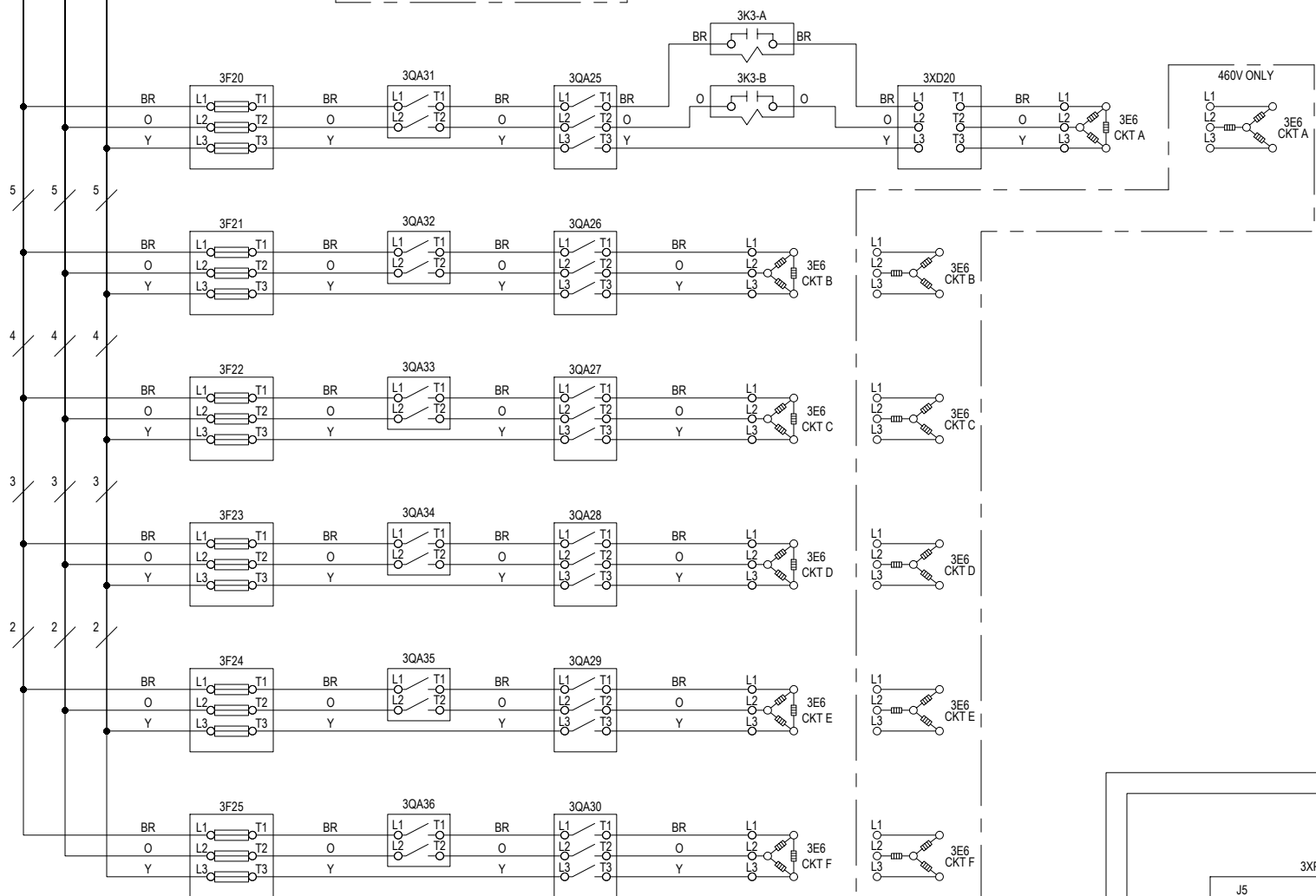


ELECTRIC HEAT (200V-230V)
WITH DISCONNECT



WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V (PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW

REF DES	DESCRIPTION	LINE NO
3E6	HEAT ELEMENT - DELTA - CKT A	431
3E6	HEAT ELEMENT - DELTA - CKT B	435
3E6	HEAT ELEMENT - DELTA - CKT C	439
3E6	HEAT ELEMENT - DELTA - CKT D	442
3E6	HEAT ELEMENT - DELTA - CKT E	446
3E6	HEAT ELEMENT - DELTA - CKT F	449
3E6	HEAT ELEMENT - WYE - CKT A	431
3E6	HEAT ELEMENT - WYE - CKT B	435
3E6	HEAT ELEMENT - WYE - CKT C	439
3E6	HEAT ELEMENT - WYE - CKT D	442
3E6	HEAT ELEMENT - WYE - CKT E	446
3E6	HEAT ELEMENT - WYE - CKT F	449
3F20	FUSE BLOCK	432
3F21	FUSE BLOCK	435
3F22	FUSE BLOCK	439
3F23	FUSE BLOCK	442
3F24	FUSE BLOCK	446
3F25	FUSE BLOCK	449
3K3-A	SCR RELAY - POWER SWITCH	430
3K3-A	SCR RELAY - PRIMARY CONTROL	456
3K3-B	SCR RELAY - POWER SWITCH	431
3K3-B	SCR RELAY - SECONDARY CONTROL	454
3KF30	LLID (HEX) - MOD HEAT CONTROLS	451
3KF31	HEAT CONTROLS	467
3QA25	CONTACTOR - HEAT CIRCUIT A	432
3QA25	CONTACTOR - HEAT CIRCUIT A	467
3QA26	CONTACTOR - HEAT CIRCUIT B	469
3QA26	CONTACTOR - HEAT CIRCUIT B	435
3QA27	CONTACTOR - HEAT CIRCUIT C	470
3QA27	CONTACTOR - HEAT CIRCUIT C	439
3QA28	CONTACTOR - HEAT CIRCUIT D	442
3QA28	CONTACTOR - HEAT CIRCUIT D	472
3QA29	CONTACTOR - HEAT CIRCUIT E	474
3QA29	CONTACTOR - HEAT CIRCUIT E	446
3QA30	CONTACTOR - HEAT CIRCUIT F	449
3QA30	CONTACTOR - HEAT CIRCUIT F	475
3QA31	CONTACTOR - BACK-UP	432
3QA31	CONTACTOR - BACK-UP	467
3QA32	CONTACTOR - BACK-UP	469
3QA32	CONTACTOR - BACK-UP	435
3QA33	CONTACTOR - BACK-UP	470
3QA33	CONTACTOR - BACK-UP	439
3QA34	CONTACTOR - BACK-UP	442
3QA34	CONTACTOR - BACK-UP	472
3QA35	CONTACTOR - BACK-UP	446
3QA35	CONTACTOR - BACK-UP	473
3QA36	CONTACTOR - BACK-UP	475
3QA36	CONTACTOR - BACK-UP	449
3QB4	DISCONNECT ELECTRIC HEAT	428
3S10	HIGH TEMP LIMIT - MANUAL RESET	466
3S11	HIGH TEMP LIMIT - AUTO RESET #1	465
3S12	HIGH TEMP LIMIT - AUTO RESET #2	465
3S13	HIGH TEMP LIMIT - AUTO RESET #3	465
3XD5	TERMINAL BLOCK	425
3XD16	TERM BLOCK - 115 VAC	465
3XD17	TERM BLOCK - 115 VAC COM	466
3XD20	TERMINAL BLOCK	432
GLC	EARTH GROUND TO CHASSIS	423
GLC	EARTH GROUND TO CHASSIS	426



- NOTES:
- SEE SHEET 1 FOR STANDARD NOTES 1-2 THAT APPLY TO ALL SHEETS.
3. NUMBERS ALONG THE RIGHT SIDE MARGIN OF THE SCHEMATIC DESIGNATE BY LINE NUMBER THE LOCATION OF CONTACTS ENERGIZED BY COIL. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD POINTING UPWARD BELOW THE LINE NUMBER INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

DESIGNER:	T. PEED
ENGINEER:	E. CAROTA
TRANE © DATE:	4/19/2024
REPLACES:	
SIMILAR TO:	
REVISION DATE:	4/19/2024
REVISED BY:	T. PEED
APPROVED BY:	
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

THIS DRAWING IS PROPRIETARY
AND SHALL NOT BE COPIED OR
ITS CONTENTS DISCLOSED TO
OUTSIDE PARTIES WITHOUT THE
WRITTEN CONSENT OF TRANE.

INTELLIPAK 3
SCHEMATIC
ELECTRIC HEAT
WITH SCR MODULATING
120KW - 208V / 240V

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12132848	8	B