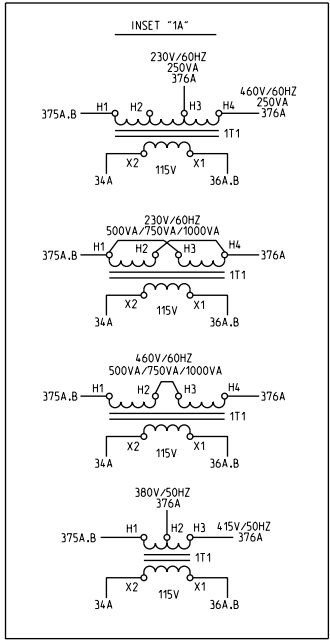
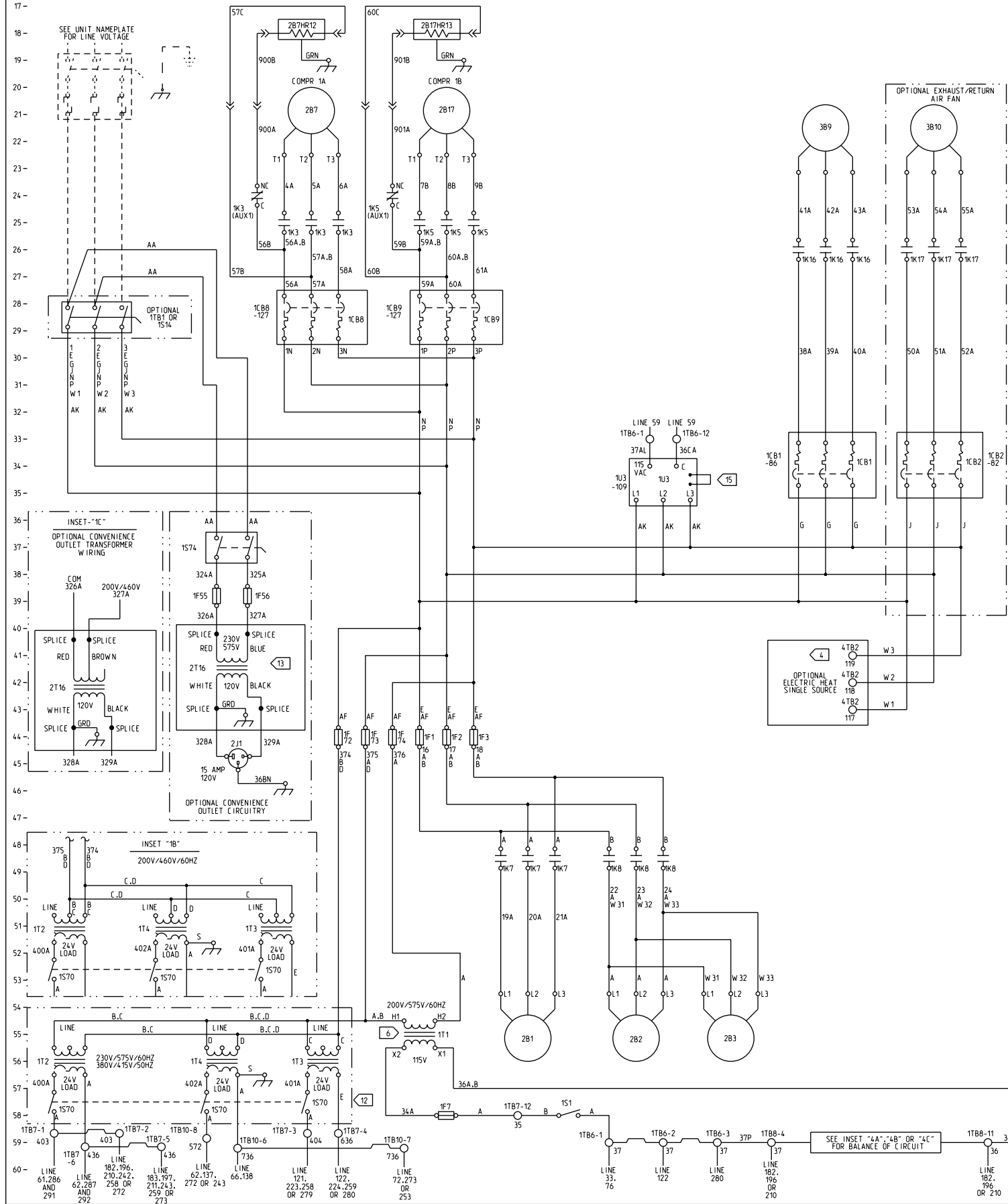


DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	CONDENSER SECTION
3	AIR HANDLER SECTION
4	HEATING SECTION
5	EXTERNAL FIELD MTD DEVICE



- NOTES:
1. UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F), AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
 2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SLEDS OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 3. NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT, AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
4. SEE APPLICABLE HEATING SECTION DIAGRAM FOR BALANCE OF CIRCUIT.
6. 200V/60HZ OR 575V/60HZ TRANSFORMER SHOWN. SEE INSET "1A" FOR 460V/60HZ, 230V/60HZ, 380V/50HZ OR 415V/50HZ CONNECTIONS.
12. 230V/60HZ, 380V/50HZ, 415V/50HZ OR 575V/60HZ TRANSFORMERS SHOWN. SEE INSET "1B" FOR 200V/60HZ OR 460V/60HZ CONNECTIONS.
13. 230V/60HZ, 575V/60HZ TRANSFORMERS SHOWN. SEE INSET "1C" FOR 200V/60HZ AND 460V/60HZ TRANSFORMERS.
15. CUT 103 PHASE MONITOR JUMPER WIRE ON 380V/415V/50HZ APPLICATIONS ONLY.



LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1CB1	SUPPLY FAN BREAKER	34
1CB2	EXHAUST FAN BREAKER	34
1CB9 - 1CB9	COMPRESSOR CIRCUIT BREAKER	28
1F1 - 1F3	CONDENSER FAN FUSE	44
1F7	CONTROL CIRCUIT FUSE	58
1F44	COMPRESSOR PROTECTOR FUSE	127
1F55, 1F56	CONVENIENCE OUTLET FUSE	39
1F72 - 1F74	TRANSFORMER CIRCUIT FUSE	44
1K3	COMPRESSOR CONTACTOR	125
1K5	COMPRESSOR CONTACTOR	123
1K7	CONDENSER FAN CONTACTOR	133
1K16	SUPPLY FAN CONTACTOR	86
1K17	EXHAUST FAN CONTACTOR	82
1S1	CONTROL CIRCUIT SWITCH	58
1S14	MANUAL DISCONNECT SWITCH	28
1S70	24 VOLT TRANSFORMER SWITCH	57
1S74	CONV. OUTLET SWITCH	37
1T1	CONTROL POWER TRANSFORMER	55
1T2, 1T3, 1T4	24 VOLT TRANSFORMER	56
1TB1	POWER TERMINAL BLOCK	28
1TB4, 5, 16, 17	CONTROL TERMINAL BLOCK (CUSTOMER)	
1TB6 - 1TB10	CONTROL TERMINAL BLOCK (FACTORY)	
1U3	PHASE MONITOR	34
1U4B	ROOFTOP MODULE	61
1U4, 9	COMPRESSOR MODULE	121, 126
1U50	HEAT MODULE	182, 196, 210
1U51	GENERIC B.A.S. MODULE	223
1U52	EXH/COMP ENTHALPHY MODULE	242
1U53	VENTILATION OVERRIDE MODULE	258
1U54, 1U104	BAS/NETWORK COMM MODULE	272
1U55	INTERPRO COMM BRIDGE MODULE	279
1U65	HUMAN INTERFACE MODULE	286
1U105	MULTI PURPOSE MODULE	258
1U107	MODULATING DEHUMID. MODULE	279
2B1 - 2B3	CONDENSER FAN MOTOR	55
2B7, 2B17	COMPRESSOR	21
2B7HR12	COMPRESSOR CRANKCASE HEATER	18
2B7HR13	COMPRESSOR CRANKCASE HEATER	18
2J1	CONVENIENCE OUTLET	45
2L25	MODULATING REHEAT VALVE	283
2L26	MODULATING CONDENSER VALVE	289
2L31	HOT GAS BYPASS SOLENOID VALVE	131
2RT1	SAT COND TEMP SENSOR	127
2S2	HIGH PRESS CUTOUT	127
2S4	LOW PRESS CUTOUT	125
2T16	CONV. OUTLET TRANSFORMER	42
2U84	LOW AMBIENT DAMPER ACT #1	137
3B9	SUPPLY FAN MOTOR	22
3B10	EXHAUST/RETURN FAN MOTOR	22
3L21	SPACE PRESS CALIBRATED SOL	248
3L24	PLENUM PRESS CALIBRATED SOL	264
3L27	REHEAT PUMPOUT SOLENOID	284
3L28	CONDENSER PUMPOUT SOLENOID	285
3RT3	OUTDOOR AIR TEMP SENSOR	100
3RT6	RETURN AIR TEMP SENSOR	251
3RT9	SUPPLY AIR TEMP SENSOR	91
3RT14	LEAVING EVAP TEMP SENSOR	123
3S16	R/A HIGH DUCT TEMP T-STAT	106
3S17	S/A HIGH DUCT TEMP T-STAT	106
3S21	FILTER SWITCH	117
3S68	SPRAY AIRFLOW PROVING SWITCH	113
3S69	EXH/RET AIRFLOW PROVING SWT	115
3RT28	ENTERING EVAP TEMP SENSOR	132
3U12	EXHAUST ACTUATOR	72, 253
3U13	ECONOMIZER ACTUATOR	72
3U17	VAV INLET VANE ACTUATOR	66
3U60	S/A DUCT PRESS TRANSDUCER	95
3U62	SPACE PRESS TRANSDUCER	247
3U63	D/A HUMIDITY SENSOR	104
3U64	R/A HUMIDITY SENSOR	254
3U106	R/A PLENUM PRESSURE TRANSDUCER	263
4S12	FREEZE STAT	218
4TB2, 4TB3	TERM BLOCK-ELEC HT SECT	
4TB4	TERM BLOCK-ELEC HT SECT	
4U15	HYDRONIC HEAT ACTUATOR	212
5K86	OCCUPIED/UNOCCUPIED RELAY	112
5K87	VAV CHANGEOVER RELAY	119
5K89	DEMAND LIMIT RELAY	231
5K90, 5K91	VENT OVERRIDE MODE RELAY	260, 262
5K92, 5K93, 5K94	VENT OVERRIDE MODE RELAY	264, 266, 268
5S76	MORNING WARM-UP TEMP SENSOR	187, 201, 215
5S17	EXTERNAL AUTO STOP SWITCH	109
5S71	EMERGENCY STOP	106
5U56	CV REMOTE PANEL	81
5U57	REMOTE ZONE TEMP SENSOR	87
5U58	CV/VAV REM PNL W/ NSB	69
5U59	VAV REMOTE PANEL	79
5U61	VAV ZONE RESET TEMP SENSOR	98
5U66	REMOTE HUMAN INTERFACE MODULE	291
5U68	CV ZONE PANEL	76
5U69	REMOTE ZONE TEMP SENSOR	89
5U70	REMOTE MIN POSITION POT	120
5U108	SPACE HUMIDITY SENSOR	96

THIS DRAWING IS FOR INFORMATION ONLY AND SHALL NOT BE USED FOR CONSTRUCTION OF THE PROJECT WITHOUT THE CONSENT OF BAAE. DATE: 2007-4-29 DESIGNED BY: 2007-4-29 REVISION DATE: 7-16-09 CAD SYSTEM USED: SIMULIA 2.0 PRO/DETAIL: --		FILE NUMBER: 2307-9127 DRAWING NUMBER: 2307-9128 SHEET: 1 OF 1 REV: B
ROOF TOP PACKAGED AIR CONDITIONER DIA GRAM POWER SCHEMATIC - RT 25 TON SHEET 1 OF 5		