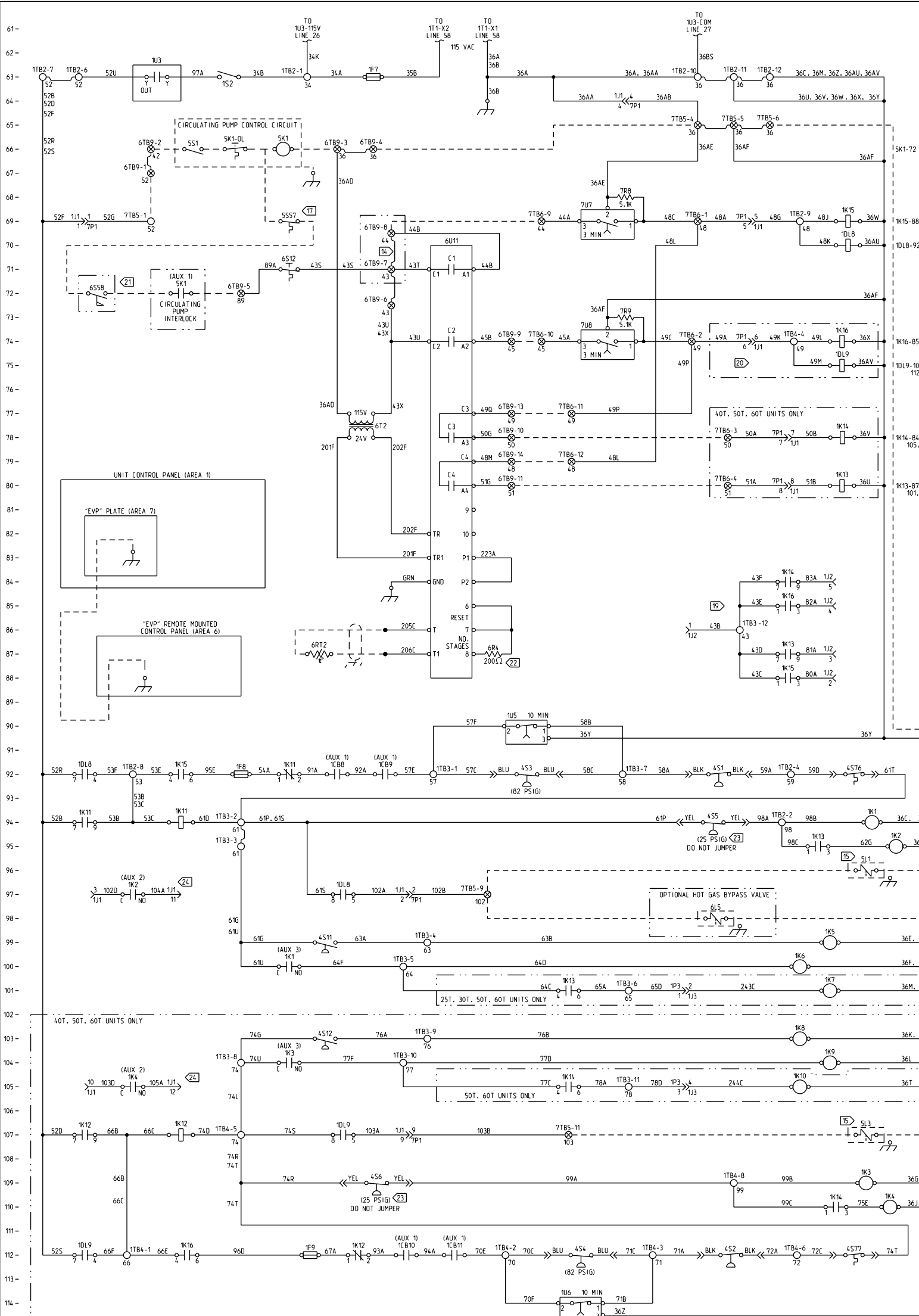




LEGEND		
DEVICE DESIG	DESCRIPTION	LINE NUMBER
1CB10	CIRCUIT BREAKER - COMPR	112
1CB11	CIRCUIT BREAKER - COMPR	112
1CB8	CIRCUIT BREAKER - COMPR	92
1CB9	CIRCUIT BREAKER - COMPR	92
1DL8	RELAY - TIME DELAY	70,92,97
1DL9	RELAY - TIME DELAY	75,107,112
1F7	FUSE - CONTROL CIRCUIT	63
1F8	FUSE - COMPR PROTECTION	92
1F9	FUSE - COMPR PROTECTION	112
1K1	CONTACTOR - COMPRESSOR	94,100
1K10	CONTACTOR - CONDENSOR FAN	105
1K11	RELAY - RESET	92,94
1K12	RELAY - RESET	107,112
1K13	RELAY - COOLING	80,87,95,101,116
1K14	RELAY - COOLING	78,84,105,110
1K15	RELAY - COOLING	69,88,92
1K16	RELAY - COOLING	74,85,112
1K2	CONTACTOR - COMPRESSOR	95,97
1K3	CONTACTOR - COMPRESSOR	104,109
1K4	CONTACTOR - COMPRESSOR	105,110
1K5	CONTACTOR - CONDENSOR FAN	99
1K6	CONTACTOR - CONDENSOR FAN	100
1K7	CONTACTOR - CONDENSOR FAN	101
1K8	CONTACTOR - CONDENSOR FAN	103
1K9	CONTACTOR - CONDENSOR FAN	104
1S2	SWITCH - CONTROL CIRCUIT	63
1U3	PHASE MONITOR	63
1U5	TIMER - LOW PRESSURE	90
1U6	TIMER - LOW PRESSURE	114
4S1	SWITCH - HIGH PRESS CUTOUT	92
4S11	SWITCH - FAN PRESSURE	99
4S12	SWITCH - FAN PRESSURE	103
4S2	SWITCH - HIGH PRESS CUTOUT	112
4S3	SWITCH - LOW PRESSURE CUTOUT	92
4S4	SWITCH - LOW PRESSURE CUTOUT	112
4S5	SWITCH - COMPR PROTECTION	94
4S6	SWITCH - COMPR PROTECTION	109
4S76	SWITCH - DISCHARGE TEMP LIMIT	92
4S77	SWITCH - DISCHARGE TEMP LIMIT	112
5K1	STARTER - CIRCULATING PUMP	66,72
5K1-OL	SWITCH - CIRC PUMP TEMP LIMIT	66
5L1	SOLENOID - ISOLATION LIQUID	96
5L3	SOLENOID - ISOLATION LIQUID	107
5S1	SWITCH - SYSTEM ON/OFF	66
5S57	SWITCH - OUTSIDE AIR T-STAT	69
6L5	SOLENOID - HOT GAS BYPASS	98
6R4	RESISTOR - STAGE	87
6R72	SENSOR - CHILLER TEMP	87
6S12	SWITCH - FREEZE-STAT	71
6S58	SWITCH - FLOW	72
6T2	TRANSFORMER - 24V	77
6U11	CONTROLLER - CHILLER	69
7R8	RESISTOR - TIME DELAY	68
7R9	RESISTOR - TIME DELAY	73
7U7	TIMER - COMPRESSOR FIXED OFF	69
7U8	TIMER - COMPRESSOR FIXED OFF	74

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	INSIDE UNIT CONTROL BOX
2	FAN SECTION
3	COMPRESSOR SECTION
4	EXTERNAL MOUNTED COMPONENTS
5	CUSTOMER OR FIELD PROVIDED
6	SHIP W/ FIELD INSTALLED DEVICE
7	OPTIONAL CONTROL PLATE

TERMINAL BLOCKS	
DEVICE DESIG	DESCRIPTION
1TB2	POWER
1TB3	CONTROLS
1TB4	CONTROLS
6TB9	CUSTOMER CONN
7TB6	CUSTOMER CONN
7TB6	CUSTOMER CONN

TRANF	
THIS DRAWING IS APPROVED BY AND SHALL NOT BE USED FOR ANY OTHER PURPOSES WITHOUT THE CONSENT OF THE COMPANY OR THE FIELD.	DATE: 3-22-11
REVISIONS	REVISION DATE
2007-09-20-E	...
11-03-10-00-00	...

SPLIT SYSTEM CONDENSING UNIT	
SCHEMATIC 2 OF 2	SCHEMATIC 2 OF 2
2307-9211	2307-9211
1 OF 1	REV
A	A

IMPORTANT!
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

PRECAUCIÓN
N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

ATTENTION
¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

- NOTES:
- 16 JUMPER PRESENT BETWEEN 6TB9-7 & 8 (LINE 70) FOR HOT GAS BYPASS OPTION ONLY.
 - 15 ISOLATION LIQUID SOLENOID VALVES (5L1,5L3) ARE REQUIRED FOR CHARGE ISOLATION (PROVIDED & INSTALLED BY THE FIELD).
 - 17 OUTSIDE AIR THERMOSTAT (5S57 - LINE 69) IS REQUIRED FOR LOW AMBIENT COMPRESSOR LOCKOUT.
 - 18 CONNECTIONS TO 1J2 AND 1K13 - 1K16 ARE FOR "NO SYSTEM CONTROLS" OPTION. CONNECTIONS ARE NOT USED ON ALL OTHER CONTROL OPTIONS.
 - 20 COOL-2 CIRCUIT AS SHOWN IS FOR 40 THRU 60 TON UNITS. SEE INSET "C" FOR 20 THRU 30 TON CIRCUIT VARIATION.
 - 21 THE FLOW SWITCH (6S58) IS IMPLEMENTED AND WIRED FOR A SPECIFIC APPLICATION.
 - 22 RESISTOR, 6R4 - 200Ω, AS SHOWN IS FOR 20 THRU 30 TON UNITS. RESISTOR IS 402Ω ON 40 THRU 60 TON UNITS.
 - 23 CAUTION!! DO NOT JUMPER ACROSS SWITCH UNDER ANY CIRCUMSTANCE. 4S5 & 4S6 ARE COMPRESSOR PROTECTION SWITCHES USED FOR COMPRESSOR PROTECTION WHEN A NO REFRIGERANT FLOW CONDITION EXISTS (2S PSIG).
 - 24 CONNECTIONS TO 1J1-3, 1J1-10, 1J1-11, AND 1J1-12 (AS SHOWN) ARE FOR "NO SYSTEM CONTROLS", "CONSTANT VOLUME" & "VARIABLE AIR VOLUME" CONTROL OPTIONS. CONNECTIONS ARE NOT USED ON ALL OTHER CONTROL OPTIONS.