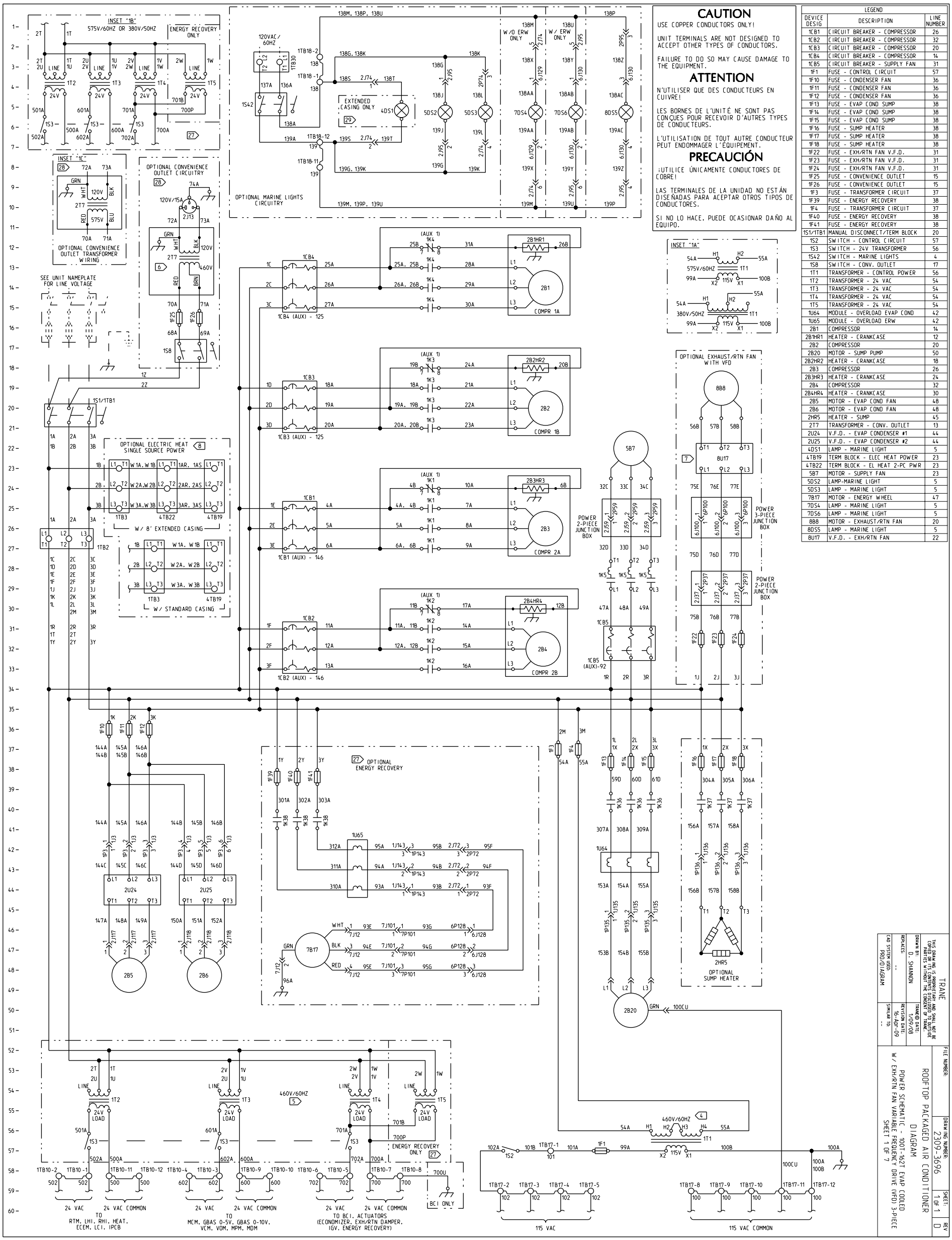

CAUTION

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.

ATTENTION

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'ÉQUIPEMENT.

PRECAUCIÓN

¡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.

LEGEND

DEVICE DESIG	DESCRIPTION	LINE NUMBER
1CB1	CIRCUIT BREAKER - COMPRESSOR	26
1CB2	CIRCUIT BREAKER - COMPRESSOR	32
1CB3	CIRCUIT BREAKER - COMPRESSOR	20
1CB4	CIRCUIT BREAKER - COMPRESSOR	14
1CB5	CIRCUIT BREAKER - SUPPLY FAN	31
1F1	FUSE - CONTROL CIRCUIT	57
1F10	FUSE - CONDENSER FAN	36
1F11	FUSE - CONDENSER FAN	36
1F12	FUSE - CONDENSER FAN	36
1F13	FUSE - EVAP COND SUMP	38
1F14	FUSE - EVAP COND SUMP	38
1F15	FUSE - EVAP COND SUMP	38
1F16	FUSE - SUMP HEATER	38
1F17	FUSE - SUMP HEATER	38
1F18	FUSE - SUMP HEATER	38
1F22	FUSE - EXH/RTN FAN V.F.D.	31
1F23	FUSE - EXH/RTN FAN V.F.D.	31
1F24	FUSE - EXH/RTN FAN V.F.D.	31
1F25	FUSE - CONVENIENCE OUTLET	15
1F26	FUSE - CONVENIENCE OUTLET	15
1F3	FUSE - TRANSFORMER CIRCUIT	37
1F39	FUSE - ENERGY RECOVERY	38
1F4	FUSE - TRANSFORMER CIRCUIT	37
1F40	FUSE - ENERGY RECOVERY	38
1F41	FUSE - ENERGY RECOVERY	38
1S1/1TB1	MANUAL DISCONNECT/TERM BLOCK	20
1S2	SWITCH - CONTROL CIRCUIT	57
1S3	SWITCH - 24V TRANSFORMER	56
1S42	SWITCH - MARINE LIGHTS	4
1S8	SWITCH - CONV. OUTLET	17
1T1	TRANSFORMER - CONTROL POWER	56
1T2	TRANSFORMER - 24 VAC	54
1T3	TRANSFORMER - 24 VAC	54
1T4	TRANSFORMER - 24 VAC	54
1T5	TRANSFORMER - 24 VAC	54
1U64	MODULE - OVERLOAD EVAP COND	42
1U65	MODULE - OVERLOAD ERW	42
2B1	COMPRESSOR	14
2B1HR1	HEATER - CRANKCASE	12
2B2	COMPRESSOR	20
2B20	MOTOR - SUMP PUMP	50
2B2HR2	HEATER - CRANKCASE	18
2B3	COMPRESSOR	26
2B3HR3	HEATER - CRANKCASE	24
2B4	COMPRESSOR	32
2B4HR4	HEATER - CRANKCASE	30
2B5	MOTOR - EVAP COND FAN	48
2B6	MOTOR - EVAP COND FAN	48
2HR5	HEATER - SUMP	45
2T7	TRANSFORMER - CONV. OUTLET	13
2U24	V.F.D. - EVAP CONDENSER #1	44
2U25	V.F.D. - EVAP CONDENSER #2	44
4DS1	LAMP - MARINE LIGHT	5
4TB19	TERM BLOCK - ELEC HEAT POWER	23
4TB22	TERM BLOCK - EL HEAT 2-PC PWR	23
5B7	MOTOR - SUPPLY FAN	23
5DS2	LAMP-MARINE LIGHT	5
5DS3	LAMP - MARINE LIGHT	5
7B17	MOTOR - ENERGY WHEEL	47
7DS4	LAMP - MARINE LIGHT	5
7DS6	LAMP - MARINE LIGHT	5
8B8	MOTOR - EXHAUST/RTN FAN	20
8DS5	LAMP - MARINE LIGHT	5
8U17	V.F.D. - EXH/RTN FAN	22

TRANE

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DRAWN BY: D. SHANNON
TRANE® DATE: 1/09/08
REPLACES: --
REVISION DATE: 16-Apr-09
CAD SYSTEM USED: PRO/DIAGRAM
SIMILAR TO: --

FILE NUMBER:
DRAWING NUMBER: 2309-3696
SHEET: 1 of 1
REV: D

ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM

POWER SCHEMATIC - 100T-162T EVAP COOLED W/ EXH/RTN FAN VARIABLE FREQUENCY DRIVE (VFD) 3-PIECE SHEET 1 OF 7