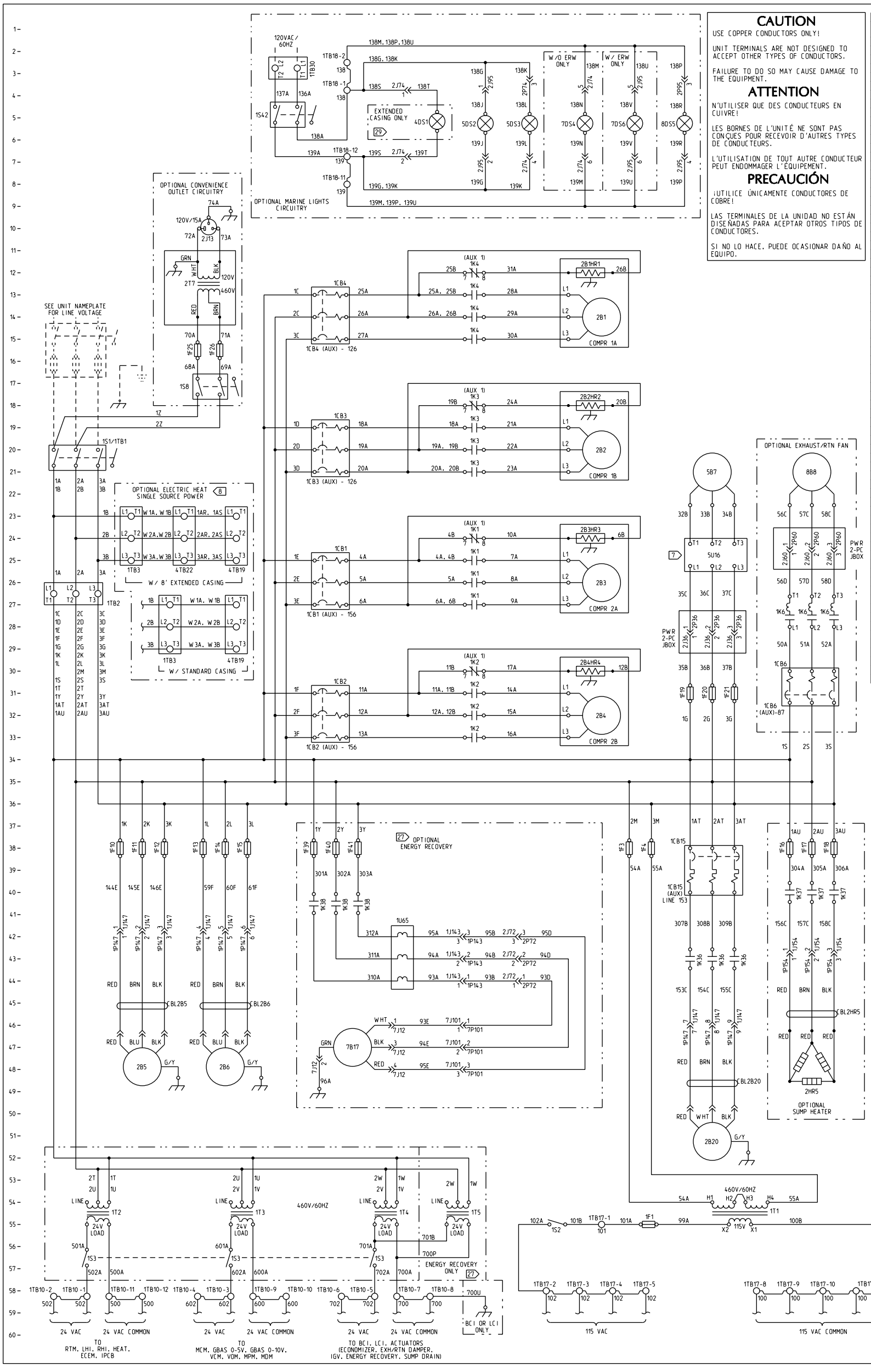

CAUTION

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
1CB15	CIRCUIT BREAKER - SUMP PUMP	38
1CB2	CIRCUIT BREAKER - COMPRESSOR	32
1CB3	CIRCUIT BREAKER - COMPRESSOR	20
1CB4	CIRCUIT BREAKER - COMPRESSOR	14
1CB6	CIRCUIT BREAKER - EXH/RTN FAN	30
1F1	FUSE - CONTROL CIRCUIT	55
1F10	FUSE - CONDENSER FAN CKT #1	38
1F11	FUSE - CONDENSER FAN CKT #1	38
1F12	FUSE - CONDENSER FAN CKT #1	38
1F13	FUSE - CONDENSER FAN CKT #2	38
1F14	FUSE - CONDENSER FAN CKT #2	38
1F15	FUSE - CONDENSER FAN CKT #2	38
1F16	FUSE - SUMP HEATER	38
1F17	FUSE - SUMP HEATER	38
1F18	FUSE - SUMP HEATER	38
1F19	FUSE - SUPPLY FAN V.F.D.	31
1F20	FUSE - SUPPLY FAN V.F.D.	31
1F21	FUSE - SUPPLY FAN V.F.D.	31
1F25	FUSE - CONVENIENCE OUTLET	15
1F26	FUSE - CONVENIENCE OUTLET	15
1F3	FUSE - TRANSFORMER CIRCUIT	38
1F39	FUSE - ENERGY RECOVERY	38
1F4	FUSE - TRANSFORMER CIRCUIT	38
1F40	FUSE - ENERGY RECOVERY	38
1F41	FUSE - ENERGY RECOVERY	38
1K1	CONTACTOR - COMPRESSOR	24.25.26.27
1K2	CONTACTOR - COMPRESSOR	30.31.32.33
1K3	CONTACTOR - COMPRESSOR	18.19.20.21
1K36	CONTACTOR - SUMP PUMP	42
1K37	CONTACTOR - SUMP HEATER	39
1K38	CONTACTOR - ENERGY RECOVERY	40
1K4	CONTACTOR - COMPRESSOR	12.13.14.15
1K6	STARTER - EXHAUST/RETURN FAN	28
1S1/1TB1	MANUAL DISCONNECT/TERM BLOCK	20
1S2	SWITCH - CONTROL CIRCUIT	55
1S3	SWITCH - 24V TRANSFORMER	56
1S42	SWITCH - MARINE LIGHTS	4
1S8	SWITCH - CONV. OUTLET	17
1T1	TRANSFORMER - CONTROL POWER	54
1T2	TRANSFORMER - 24 VAC	54
1T3	TRANSFORMER - 24 VAC	54
1T4	TRANSFORMER - 24 VAC	54
1T5	TRANSFORMER - 24 VAC	54
1TB2	TERM BLOCK - DISTRIBUTION	26
1TB3	TERM BLOCK - ELEC HEAT DIST	23
1TB30	TERM BLOCK - MARINE LIGHTS	3
1U65	MODULE - OVERLOAD ERW	42
2B1	COMPRESSOR	14
2B1HR1	HEATER - CRANKCASE	12
2B2	COMPRESSOR	20
2B20	MOTOR - SUMP PUMP	51
2B2HR2	HEATER - CRANKCASE	18
2B3	COMPRESSOR	26
2B3HR3	HEATER - CRANKCASE	24
2B4	COMPRESSOR	32
2B4HR4	HEATER - CRANKCASE	30
2B5	MOTOR - CONDENSER FAN	48
2B6	MOTOR - CONDENSER FAN	48
2HR5	HEATER - SUMP	46
2T7	TRANSFORMER - CONV. OUTLET	13
4DS1	LAMP - MARINE LIGHT	5
4TB19	TERM BLOCK - ELEC HEAT POWER	23
4TB22	TERM BLOCK - EH 2-PC W/ 8' EXT	23
5B7	MOTOR - SUPPLY FAN	22
5DS2	LAMP - MARINE LIGHT	5
5DS3	LAMP - MARINE LIGHT	5
5U16	V.F.D. - SUPPLY FAN	24
7B17	MOTOR - ENERGY WHEEL	47
7DS4	LAMP - MARINE LIGHT	5
7DS6	LAMP - MARINE LIGHT	5
8B8	MOTOR - EXHAUST/RTN FAN	22
8DS5	LAMP - MARINE LIGHT	5

CONTACTOR COIL LOCATION

DEVICE DESIG	DESCRIPTION	LINE NUMBER
1K1	CONTACTOR - COMPRESSOR	161
1K2	CONTACTOR - COMPRESSOR	163
1K3	CONTACTOR - COMPRESSOR	131
1K36	CONTACTOR - SUMP PUMP	147
1K37	CONTACTOR - SUMP HEATER	144
1K38	CONTACTOR - ENERGY RECOVERY	269
1K4	CONTACTOR - COMPRESSOR	129
1K6	STARTER - EXHAUST/RETURN FAN	100

TRANE

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DRAWN BY: B.W.ALDEN
TRANE® DATE: 14-DEC-10
REPLACES: 2313-0802-A
REVISION DATE: --
CAD SYSTEM USED: Pro/DIAGRAM
SIMILAR TO: --

FILE NUMBER:
DRAWING NUMBER: 2313-0856
SHEET: 1 OF 1
REV: A

ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM

POWER SCHEMATIC - 100T-162T EVAP COOLED W/ SUPPLY FAN VARIABLE FREQUENCY DRIVE (VFD) 2-PIECE SCHEMATIC 1 OF 7