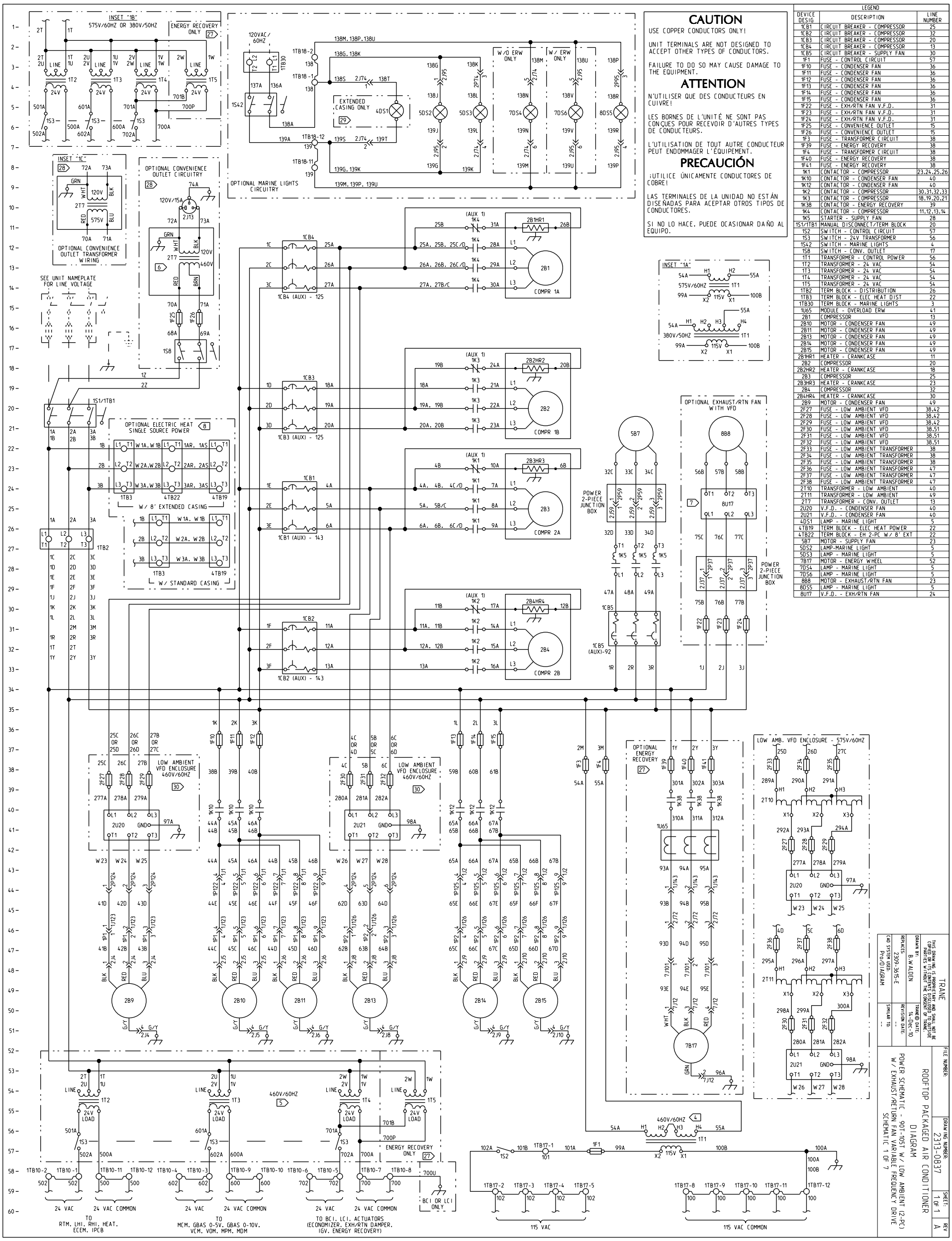

CAUTION

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	25
1CB2	CIRCUIT BREAKER - COMPRESSOR	32
1CB3	CIRCUIT BREAKER - COMPRESSOR	20
1CB4	CIRCUIT BREAKER - COMPRESSOR	13
1CB5	CIRCUIT BREAKER - SUPPLY FAN	30
1F1	FUSE - CONTROL CIRCUIT	57
1F10	FUSE - CONDENSER FAN	36
1F11	FUSE - CONDENSER FAN	36
1F12	FUSE - CONDENSER FAN	36
1F13	FUSE - CONDENSER FAN	36
1F14	FUSE - CONDENSER FAN	36
1F15	FUSE - CONDENSER FAN	36
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	38
1F39	FUSE - ENERGY RECOVERY	38
1F4	FUSE - TRANSFORMER CIRCUIT	38
1F40	FUSE - ENERGY RECOVERY	38
1F41	FUSE - ENERGY RECOVERY	38
1K1	CONTACTOR - COMPRESSOR	23.24.25.26
1K10	CONTACTOR - CONDENSER FAN	40
1K12	CONTACTOR - CONDENSER FAN	40
1K2	CONTACTOR - COMPRESSOR	30.31.32.33
1K3	CONTACTOR - COMPRESSOR	18.19.20.21
1K38	CONTACTOR - ENERGY RECOVERY	39
1K4	CONTACTOR - COMPRESSOR	11.12.13.14
1K5	STARTER - SUPPLY FAN	28
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
1TB2	TERM BLOCK - DISTRIBUTION	26
1TB3	TERM BLOCK - ELEC HEAT DIST	22
1TB30	TERM BLOCK - MARINE LIGHTS	3
1U65	MODULE - OVERLOAD ERW	41
2B1	COMPRESSOR	13
2B10	MOTOR - CONDENSER FAN	49
2B11	MOTOR - CONDENSER FAN	49
2B13	MOTOR - CONDENSER FAN	49
2B14	MOTOR - CONDENSER FAN	49
2B15	MOTOR - CONDENSER FAN	49
2B1HR1	HEATER - CRANKCASE	11
2B2	COMPRESSOR	20
2B2HR2	HEATER - CRANKCASE	18
2B3	COMPRESSOR	25
2B3HR3	HEATER - CRANKCASE	23
2B4	COMPRESSOR	32
2B4HR4	HEATER - CRANKCASE	30
2B9	MOTOR - CONDENSER FAN	49
2F27	FUSE - LOW AMBIENT VFD	38.42
2F28	FUSE - LOW AMBIENT VFD	38.42
2F29	FUSE - LOW AMBIENT VFD	38.42
2F30	FUSE - LOW AMBIENT VFD	38.51
2F31	FUSE - LOW AMBIENT VFD	38.51
2F32	FUSE - LOW AMBIENT VFD	38.51
2F33	FUSE - LOW AMBIENT TRANSFORMER	38
2F34	FUSE - LOW AMBIENT TRANSFORMER	38
2F35	FUSE - LOW AMBIENT TRANSFORMER	38
2F36	FUSE - LOW AMBIENT TRANSFORMER	47
2F37	FUSE - LOW AMBIENT TRANSFORMER	47
2F38	FUSE - LOW AMBIENT TRANSFORMER	47
2T10	TRANSFORMER - LOW AMBIENT	40
2T11	TRANSFORMER - LOW AMBIENT	49
2T7	TRANSFORMER - CONV. OUTLET	13
2U20	V.F.D. - CONDENSER FAN	40
2U21	V.F.D. - CONDENSER FAN	40
4DS1	LAMP - MARINE LIGHT	5
4TB19	TERM BLOCK - ELEC HEAT POWER	22
4TB22	TERM BLOCK - EH 2-PC W/ 8' EXT	22
5B7	MOTOR - SUPPLY FAN	23
5DS2	LAMP-MARINE LIGHT	5
5DS3	LAMP - MARINE LIGHT	5
7B17	MOTOR - ENERGY WHEEL	52
7DS4	LAMP - MARINE LIGHT	5
7DS6	LAMP - MARINE LIGHT	5
8B8	MOTOR - EXHAUST/RTN FAN	23
8DS5	LAMP - MARINE LIGHT	5
8U17	V.F.D. - EXH/RTN FAN	24

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

TRANE

DRAWN BY: B.W.ALDEN
REPLACES: 2309-3615-E
CAD SYSTEM USED: Pro/DIAGRAM
TRANE® DATE: 14-Dec-10
REVISION DATE: --
SIMILAR TO: --

FILE NUMBER:

ROOFTOP PACKAGED AIR CONDITIONER DIAGRAM

POWER SCHEMATIC - 90T-105T W/ LOW AMBIENT (2-PC) W/ EXHAUST/RETURN FAN VARIABLE FREQUENCY DRIVE SCHEMATIC 1 OF 7

DRAWING NUMBER: 2313-0837
SHEET: 1 OF 1
REV: A