

1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2 AND TNS7.

4	REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
5	REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTR

6 LPC1 IS A LOW PRESSURE CUTOUT SWITCH USED FOR COMPRESSOR PROTECTION. CAUTION!! DO NOT JUMPER ACROSS SWITCHES UNDER ANY CIRCUMSTANCES. TO DISABLE COMPRESSORS, REMOVE JUMPERS AND CONNECT FIELD SUPPLIED DEVICE.

7 WIRING SHOWN IS FOR UNIT WITH INDOOR FAN MOTOR DRIVES.
WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE
INSETS A, B, AND C.

8 NOT USED ON UNITS WITH VARIABLE FREQUENCY DRIVES

9 XFR CAN BE FOUND ON LINES 20, 21, & 175.

10 REMOVE JUMPER BETWEEN LTB-5 AND LTB-6 AND INSTALL

11 TO ENABLE COMPRESSOR LEAK-UP OPERATION, CUT WIRE 26AC

10. RELAY CONTACTS EXHAUST ALL ON WIRE UNDER 2000 AMP.

RELAY ENERGIZED DURING ALL LV MODES: UNOLL, DWU, MWU.

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.

14	SEE APPLICABLE VARIABLE FREQUENCY DRIVE DIAGRAM FOR BALANCE OF CIRCUIT.
15	INSTALL OPTIONAL REMOTE SENSOR TO TERMINALS S1 AND S2 WHEN REQUIRED. SEE PROGRAMMABLE ZONE SENSOR / REMOTE PANEL W/ANS
16	TERMINALS 7,8,9 & 10 ARE FOR OPTIONAL INDICATORS.
17	INSERT D IS FOR OPTIONAL PROGRAMMABLE ZONE SENSOR.
18	AUXILIARY RELAY ENERGIZED DURING OCCUPIED PERIODS.
19	0-10 VDC DUCT MOUNTED SENSOR ONLY.
20	ENABLE JUMPER BETWEEN RTM J6-2 & RTM J6-4 TO PROVIDE AUTO MODE WHEN NO OTHER MODE INPUT IS USED.

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.

**ÚTILES ÚNICAMENTE CONDUCTORES
DE COBRE!**

LAS TERMINALES DE LA UNIDAD NO
ESTÁN DISEÑADAS PARA ACEPTAR
OTROS TIPOS DE CONDUCTORES.

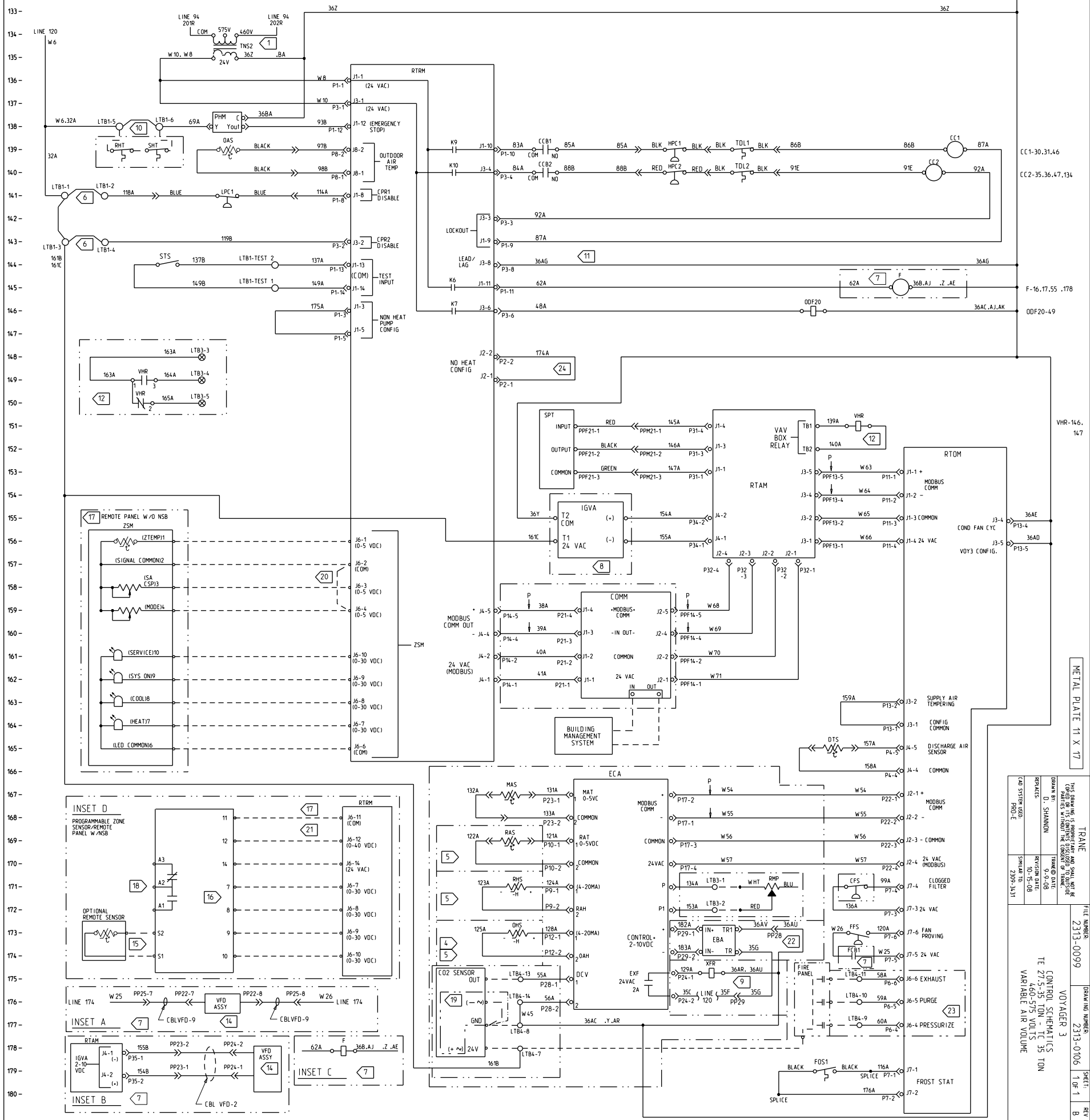
SI NO LO HACE, PUEDE OCASIONAR
DAÑO AL EQUIPO.

T CLOSURE BETWEEN RTRM J6-11 & RTRM
UNOCCUPIED MODE WHEN NOT USING
RSM/REMOTE PANEL OR RMS

FOR OPTIONAL FRESH

ILATION OVERRIDE
REQUIRED FOR ALL TC UNITS.

•• LEGEND ••			•• LEGEND ••		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER	DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
CC1	COMPRESSOR CONTACTOR #1	139	ODF20	OUTDOOR FAN RELAY #20	145
CC2	COMPRESSOR CONTACTOR #2	140	OH5	OUTSIDE HUMIDITY SENSOR	173
			PHM	PHASE MONITOR	131
CFS	CLOGGED FILTER SWITCH	171	RAS	RETURN AIR SENSOR	169
CO2 SENSOR	CO2 SENSOR	175	RHS	RETURN HUMIDITY SENSOR	171
COMM	COMMUNICATIONS MODULE	159	RHT	RETURN HIGH TEMP.	139
			RMP	REMOTE MINIMUM POSITION	171
DTS	DISCHARGE TEMP SENSOR	165	RTAM	VAV MODULE	151,179
EBA	EXHAUST BLADE ACTUATOR	173	RTOM	OPTIONS MODULE	153
ECA	ECONOMIZER ACTUATOR	167	RTRM	REFRIGERATION MODULE	135,168
F	IDM FAN CONTACTOR	147	SHT	SUPPLY HIGH TEMP.	139
F	IDM FAN RELAY	180	SPT	STATIC PRESS. TRANSDUCER	151
FIRE PANEL	FIRE PANEL	175	STS	SERVICE TEST SWITCH	134
FFS	FAN FAILURE SWITCH	173	TOL1	TEMPERATURE DISCHARGE LIMIT #1	149
FDS1	FROST STAT 1	179	TOL2	TEMPERATURE DISCHARGE LIMIT #2	140
HPC1	HIGH PRESSURE CUTOUT #1	139	THERMOSTAT	THERMOSTAT	148
HPC2	HIGH PRESSURE CUTOUT #2	140	TNS2	CONTROL TRANSFORMER	134
IGVA	INLET GUIDE VANE ACTUATOR	155			
			TNS7	CONTROL TRANSFORMER	131
			VFD	VARIABLE FREQUENCY DRIVE	176,179
LPC1	LOW PRESSURE CUTOUT #1	141	VHR	VAV BOX RELAY	149,150,151
MAS	MIXED AIR SENSOR	167	XFR	EXHAUST FAN RELAY	175
OAS	OUTSIDE AIR SENSOR	139	ZSM	ZONE SENSOR MODULE	156,168



METAL PLATE 11 X 17

TRANF

NUMBER:

NUMBER:	SHEET:	REV
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REV