

NOTES:

- 121- 4 REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
5 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
124- 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.
125- 7 WIRING SHOWN IS FOR UNIT WITH INDOOR FAN MOTOR DRIVES. WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE INSETS A, B, AND C.
126- 8 NOT USED ON UNITS WITH VARIABLE FREQUENCY DRIVES (SEE INSET B).
127- 9 XFR CAN BE FOUND ON LINES 20,21, & 175.
128- 10 REMOVE JUMPER BETWEEN LTB-5 AND LTB-6 AND INSTALL FIELD PROVIDED DEVICE WHEN REQUIRED.
129- 11 TO ENABLE COMPRESSOR LEAD/LAG OPERATION, CUT WIRE 36AG.
130- 12 RELAY ENERGIZED DURING ALL CV MODES: UNOCC, DWU, MWU.

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.

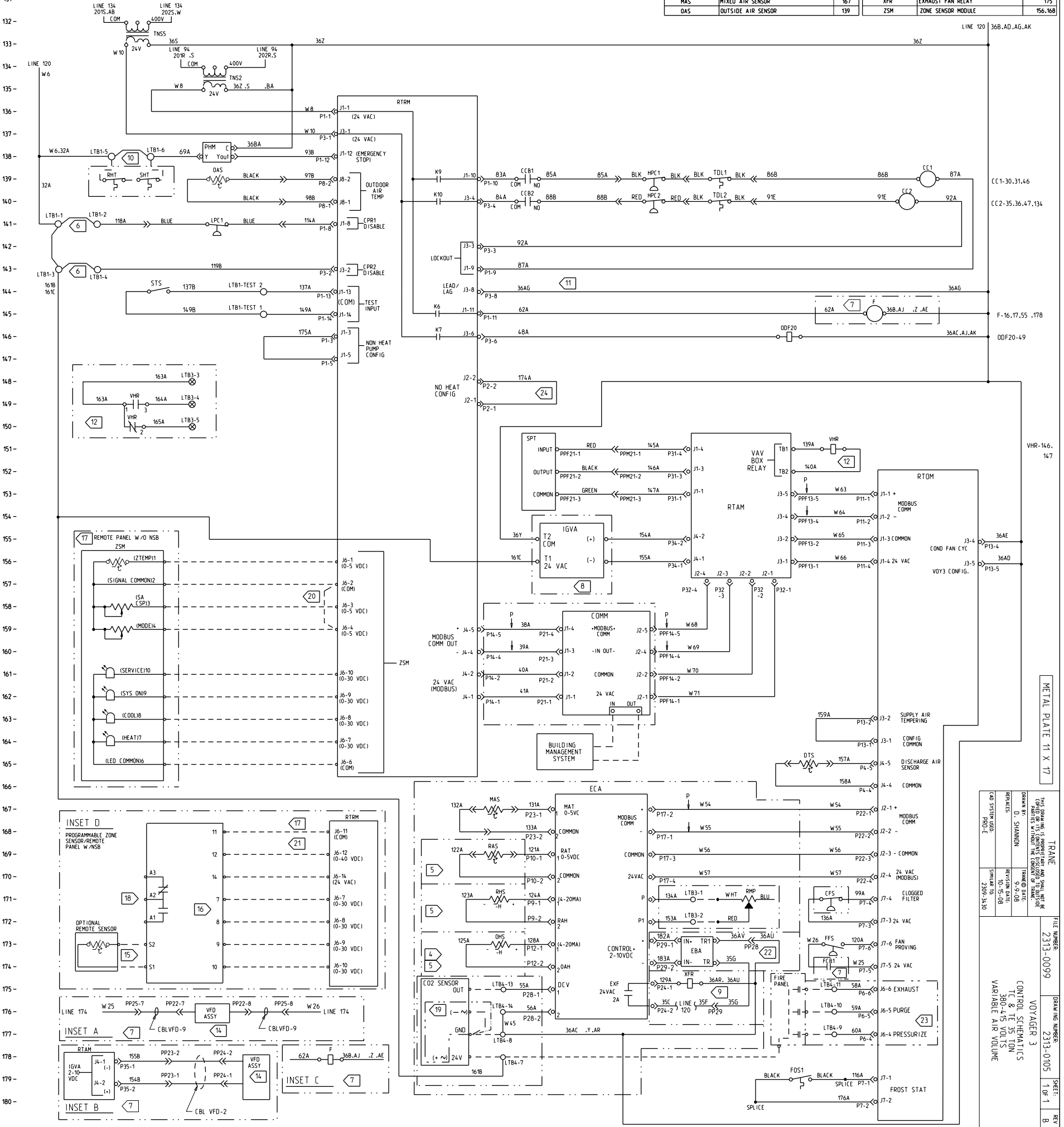
ATTENTION

UTILICE UNICAMENTE 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.

- 21 PROVIDE CONTACT CLOSURE BETWEEN RTRM J6-11 & RTRM J6-12 TO ENABLE UNOCCUPIED MODE WHEN NOT USING PROGRAMMABLE ZSM/REMOTE PANEL OR BMS.
22 EBA REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST.
23 OPTIONAL VENTILATION OVERRIDE
24 WIRE 174A REQUIRED FOR ALL TC UNITS.

- 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/NSB LITERATURE FOR OPTION CONFIGURATION. TERMINALS 7,8,9 & 10 ARE FOR OPTIONAL INDICATORS.
16 INSET D IS FOR OPTIONAL PROGRAMMABLE ZONE SENSOR.
18 AUXILIARY RELAY ENERGIZED DURING OCCUPIED PERIODS.
19 0-10 VDC DUCT MOUNTED SENSOR ONLY.
20 PROVIDE JUMPER BETWEEN RTRM J6-2 & RTRM J6-4 TO ENABLE AUTO MODE WHEN NO OTHER MODE INPUT IS USED.

** 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	OHS	OUTSIDE HUMIDITY SENSOR	173
CFS	CLOGGED FILTER SWITCH	171	PHM	PHASE MONITOR	138
CO2 SENSOR	CO2 SENSOR	175	RAS	RETURN AIR SENSOR	169
COMM	COMMUNICATIONS MODULE	159	RHS	RETURN HUMIDITY SENSOR	171
			RHT	RETURN HIGH TEMP.	139
			RMP	REMOTE MINIMUM POSITION	171
DTS	DISCHARGE TEMP SENSOR	165	RTM	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	144
FFS	FAN FAILURE SWITCH	173	TDL1	TEMPERATURE DISCHARGE LIMIT #1	139
FOS1	FROST STAT 1	179	TDL2	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	TNS5	CONTROL TRANSFORMER	132
			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



MATERIAL PLATE 11 X 17

TRANE

FILE NUMBER
2313-0099

DRAWING NUMBER
VOYAGER 3

SHEET
1 OF 1

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B

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REPLACES: CAB SYSTEM LOGIC P0001E			

CONTROL SCHEMATIC
180-415 VOLT
VARIABLE AIR VOLUME