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NOTES:

- 1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2.
- 3 WIRE NUMBER 36AE IS NOT USED FOR YC_600.
- 4 REQUIRED FOR OPTIONAL REFERENCE ENTHALPY CONTROL.
- 5 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.
- 6 LPC1 LPC2 ARE LOW PRESSURE CUTOFF SWITCHES 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 (SEE INSET D).
- 9 XFR CAN BE FOUND ON LINES 20.21 & 175.
- 10 REMOVE JUMPER BETWEEN LT8-5 AND LT8-6 AND INSTALL FIELD PROVIDED DEVICE WHEN REQUIRED.
- 11 TO ENABLE COMPRESSOR LEAD/LAG OPERATION, CUT WIRE 36AG.
- 12 RELAY ENERGIZED DURING ALL CV MODES: UNOCC, DWU, MWU.

WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN.
FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

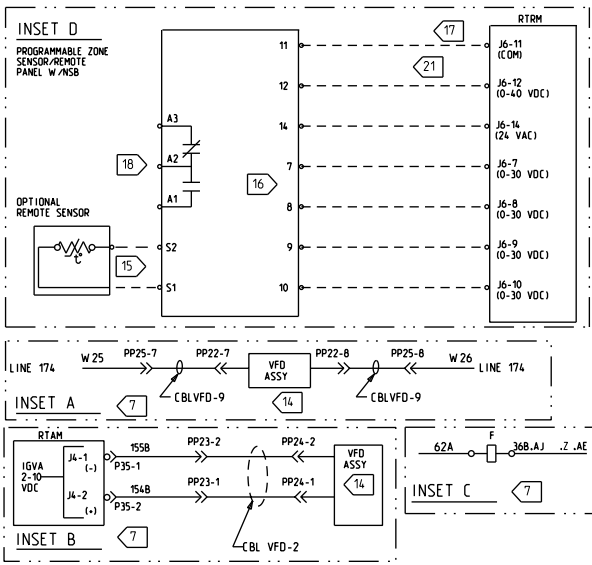
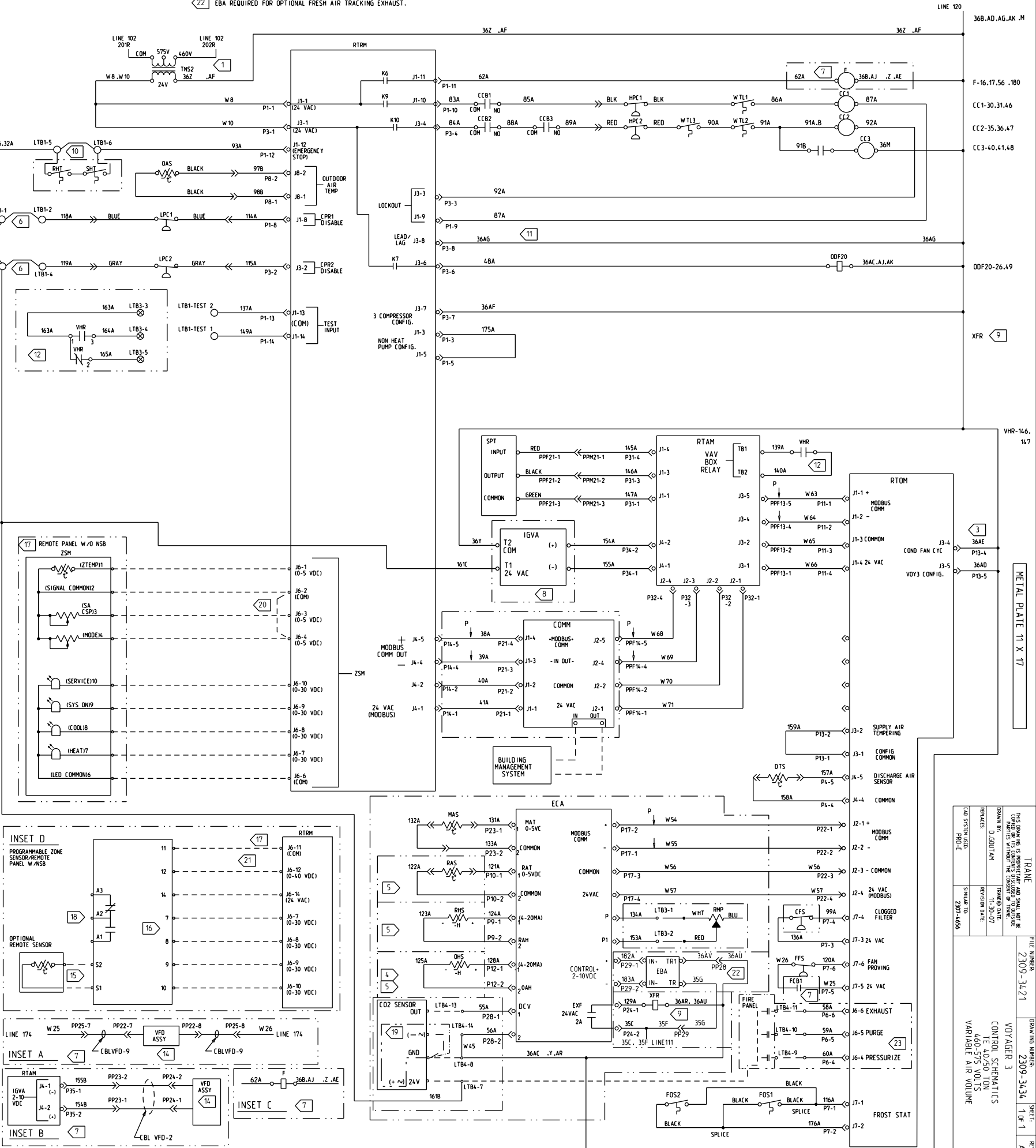
CAUTION

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.

23 OPTIONAL VENTILATION OVERRIDE

- 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.
- 16 TERMINALS 7,8,9 10 ARE FOR OPTIONAL INDICATORS.
- 17 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 RTM J6-2 RTM J6-4 TO ENABLE AUTO MODE WHEN NO OTHER MODE INPUT IS USED.
- 21 PROVIDE CONTACT CLOSURE BETWEEN RTM J6-11 RTM J6-12 TO ENABLE UNOCCUPIED MODE WHEN NOT USING PROGRAMMABLE ZSM/REMOTE PANEL OR BMS.
- 22 EBA REQUIRED FOR OPTIONAL FRESH AIR TRACKING EXHAUST.

• • LEGEND • •			• • LEGEND • •		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER	DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
CC1	COMPRESSOR CONTACTOR #1	136	ODF20	OUTDOOR FAN RELAY #20	143
CC2	COMPRESSOR CONTACTOR #2	137	DHS	OUTSIDE HUMIDITY SENSOR	173
CC3	COMPRESSOR CONTACTOR #3	138	RAS	RETURN AIR SENSOR	169
CFS	CLOGGED FILTER SWITCH	171	RHS	RETURN HUMIDITY SENSOR	171
CO2 SENSOR	CO2 SENSOR	175	RHT	RETURN HIGH TEMP.	139
COMM	COMMUNICATIONS MODULE	159	RMP	REMOTE MINIMUM POSITION	171
DTS	DISCHARGE TEMP SENSOR	165	RTAM	VAV MODULE	151,179
ECA	ECONOMIZER ACTUATOR	167	RTOM	OPTIONS MODULE	153
F	IDM FAN CONTACTOR	135	RTRM	REFRIGERATION MODULE	134,168
F	IDM FAN RELAY	180	SHT	SUPPLY HIGH TEMP.	139
FIRE PANEL	FIRE PANEL	175	SPT	STATIC PRESS. TRANSDUCER	151
FFS	FAN FAILURE SWITCH	173	THERMOSTAT	THERMOSTAT	148
FOS1	FROST STAT 1	179	TNS2	CONTROL TRANSFORMER	134
FOS2	FROST STAT 2	179			
HPC1	HIGH PRESSURE CUTOFF #1	136	VFD	VARIABLE FREQUENCY DRIVE	176,179
HPC2	HIGH PRESSURE CUTOFF #2	137	VHR	VAV BOX RELAY	146,147
IGVA	INLET GUIDE VANE ACTUATOR	155			
LPC1	LOW PRESSURE CUTOFF #1	141	WTL1	WINDING TEMP LIMIT #1	136
LPC2	LOW PRESSURE CUTOFF #2	143	WTL2	WINDING TEMP LIMIT #2	137
MAS	MIXED AIR SENSOR	167	WTL3	WINDING TEMP LIMIT #3	137
OAS	OUTSIDE AIR SENSOR	139	XFR	EXHAUST FAN RELAY	175
EBA	EXHAUST BLADE ACTUATOR	173	ZSM	ZONE SENSOR MODULE	156,168



TRAN		FILE NUMBER		DRAWING NUMBER		SHEET	
2309-3421		2309-3421		2309-3421		1 OF 1	
VOYAGER 3		CONTROL SCHEMATICS		460-575 UNITS		REV	
VARIABLE AIR VOLUME		2307-4456		2307-4456		A	