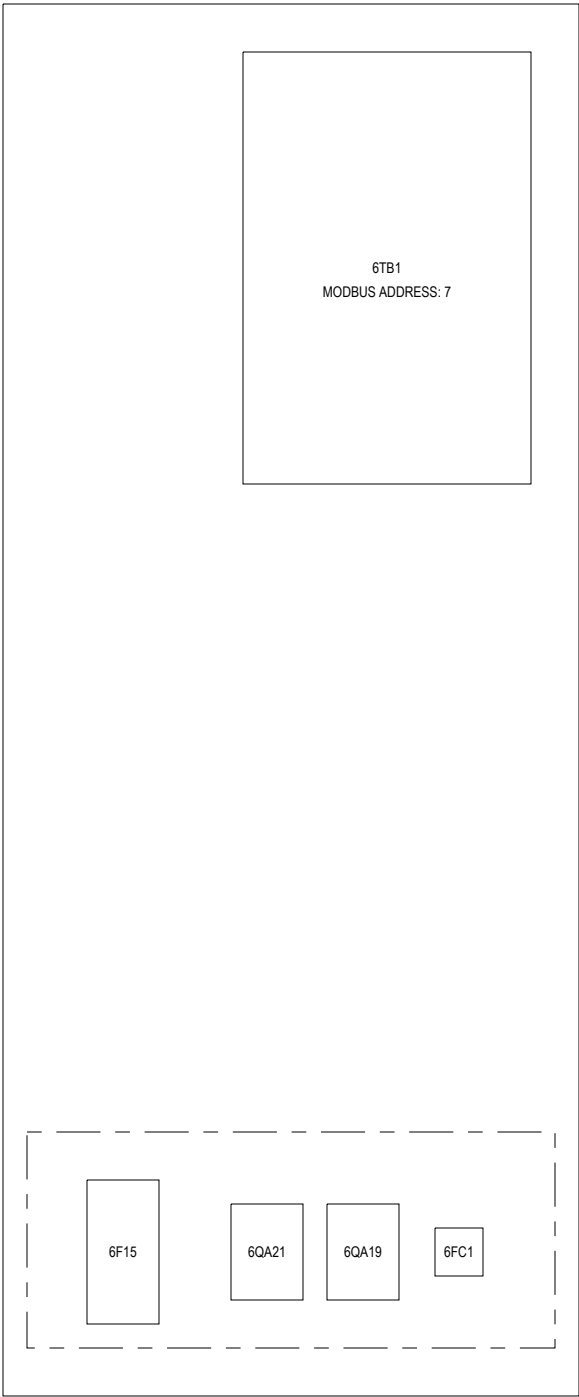
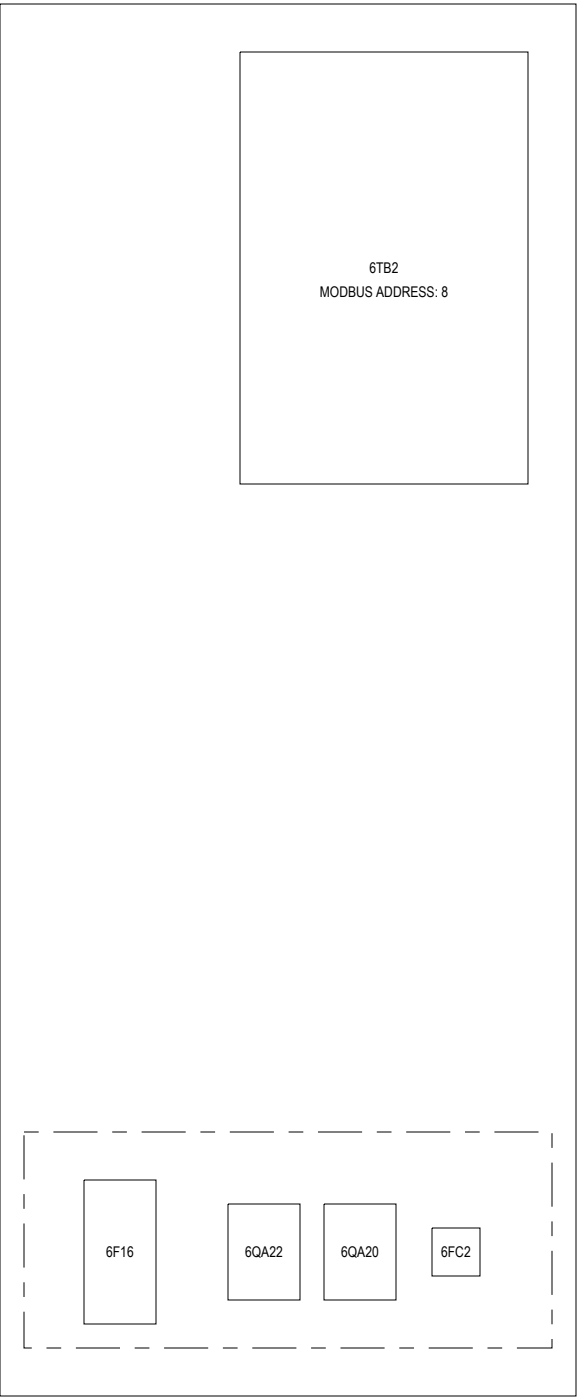


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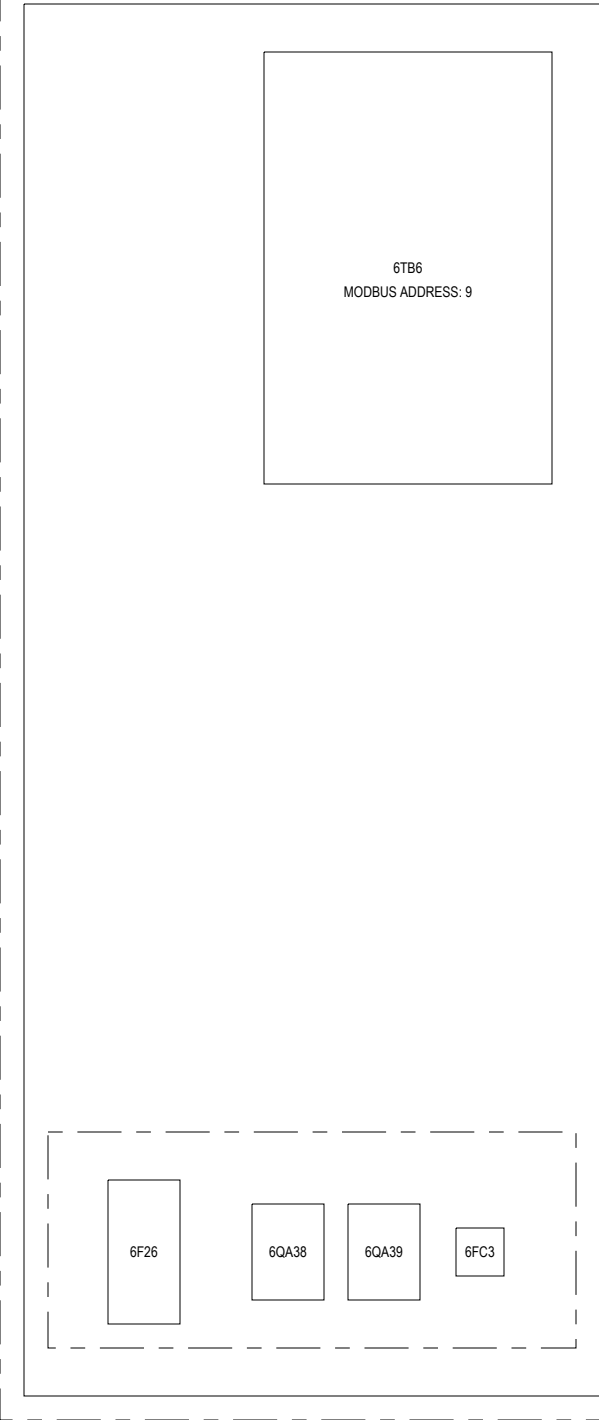
SUPPLY FAN #1 VFD PANEL



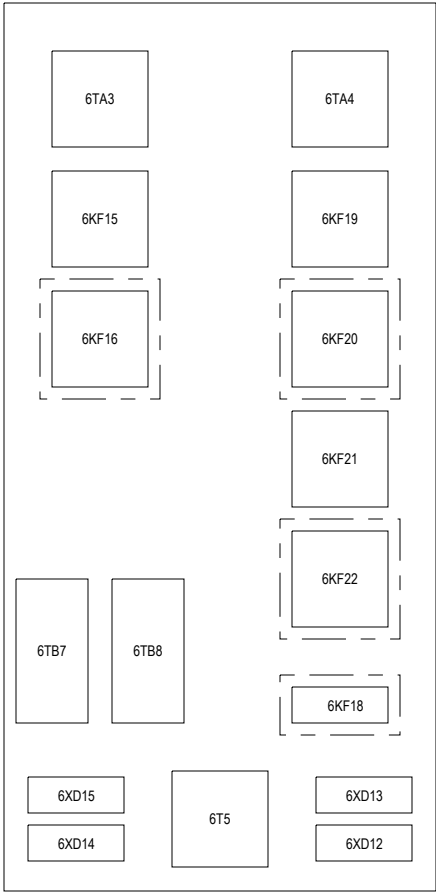
SUPPLY FAN #2 VFD PANEL



RELIEF FAN VFD PANEL



AIR HANDLER CONTROL PANEL



| SUPPLY VFD PROTECTION, WITH BYPASS (6F15, 6F16) - x3 EACH |            |               |
|-----------------------------------------------------------|------------|---------------|
| VOLTAGE                                                   | MOTOR SIZE | FUSE SIZE     |
| 460V                                                      | 2X 15HP    | 50A CLASS JLS |
|                                                           | 2X 20HP    | 50A CLASS JLS |
|                                                           | 2X 25HP    | 80A CLASS JLS |
|                                                           | 2X 30HP    | 80A CLASS JLS |
|                                                           | 2X 40HP    | 125A CLASS T  |
| 575V                                                      | 2X 15HP    | 30A CLASS JLS |
|                                                           | 2X 20HP    | 30A CLASS JLS |
|                                                           | 2X 25HP    | 80A CLASS JLS |
|                                                           | 2X 30HP    | 80A CLASS JLS |
|                                                           | 2X 40HP    | 80A CLASS JLS |

| RELIEF VFD PROTECTION, WITH BYPASS (6F26)-x3 EACH |            |               |
|---------------------------------------------------|------------|---------------|
| VOLTAGE                                           | MOTOR SIZE | FUSE SIZE     |
| 460V                                              | 15HP       | 50A CLASS JLS |
|                                                   | 20HP       | 50A CLASS JLS |
|                                                   | 25HP       | 80A CLASS JLS |
|                                                   | 30HP       | 80A CLASS JLS |
|                                                   | 40HP       | 125A CLASS T  |
| 575V                                              | 15HP       | 30A CLASS JLS |
|                                                   | 20HP       | 30A CLASS JLS |
|                                                   | 25HP       | 80A CLASS JLS |
|                                                   | 30HP       | 80A CLASS JLS |
|                                                   | 40HP       | 80A CLASS JLS |

| LEGEND  |                                      |         |
|---------|--------------------------------------|---------|
| REF DES | DESCRIPTION                          | LINE NO |
| 6F15    | FUSEBLOCK - SUPPLY FAN VFD #1        | 928     |
| 6F16    | FUSEBLOCK - SUPPLY FAN VFD #2        | 928     |
| 6F26    | FUSEBLOCK - RELIEF FAN VFD           | 928     |
| 6FC1    | OVERLOAD - SUPPLY FAN #1             | 929     |
| 6FC2    | OVERLOAD - SUPPLY FAN #2             | 929     |
| 6FC3    | OVERLOAD - RELIEF FAN                | 929     |
| 6KF15   | LLID (HEX) - DAMPER CONTROLS         | 940     |
| 6KF16   | LLID (HEX) - SPACE PRESSURE/TRAQ     | 943     |
| 6KF18   | LLID (DUAL) - VFD BYPASS ENABLE      | 951     |
| 6KF19   | LLID (HEX) - SUPPLY AIR PRESSURE     | 940     |
| 6KF20   | LLID (HEX) - HUMIDITY                | 942     |
| 6KF21   | LLID (HEX) - FILTER STATUS #1        | 945     |
| 6KF22   | LLID (HEX) - FILTER STATUS #2        | 947     |
| 6QA19   | CONTACTOR - BYPASS SUPPLY FAN VFD #1 | 928     |
| 6QA20   | CONTACTOR - BYPASS SUPPLY FAN VFD #2 | 929     |
| 6QA21   | CONTACTOR - RUN SUPPLY FAN VFD #1    | 928     |
| 6QA22   | CONTACTOR - RUN SUPPLY FAN VFD #2    | 929     |
| 6QA38   | CONTACTOR - RUN RELIEF FAN VFD       | 929     |
| 6QA39   | CONTACTOR - BYPASS RELIEF FAN VFD    | 929     |
| 6T5     | TRANSFORMER - 24V ACTUATORS          | 952     |
| 6TA3    | POWER SUPPLY #1 - RETURN SECTION     | 938     |
| 6TA4    | POWER SUPPLY #2 - RETURN SECTION     | 937     |
| 6TB1    | SUPPLY FAN VFD #1                    | 907     |
| 6TB2    | SUPPLY FAN VFD #2                    | 907     |
| 6TB6    | RELIEF FAN VFD                       | 907     |
| 6TB7    | SUPPLY FAN VFD #1 KEYPAD             | 948     |
| 6TB8    | SUPPLY FAN VFD #2 KEYPAD             | 948     |
| 6XD12   | TERMINAL BLOCK - 115VAC              | 953     |
| 6XD13   | TERMINAL BLOCK - 115VAC COMMON       | 952     |
| 6XD14   | TERMINAL BLOCK - 24VAC               | 953     |
| 6XD15   | TERMINAL BLOCK - 24VAC COMMON        | 952     |

NOTES:  
1. ALL FUSES ARE RATED FOR 600VAC

|                  |                 |
|------------------|-----------------|
| DESIGNER:        | A. WAELE        |
| ENGINEER:        | S. MCKINLEY     |
| TRANE © DATE:    | 4-FEB-2022      |
| REPLACES:        |                 |
| SIMILAR TO:      |                 |
| REVISION DATE:   | 4-FEB-2022      |
| REVISED BY:      | A. WAELE        |
| APPROVED BY:     | S. MCKINLEY     |
| CAD SYSTEM USED: | CREO SCHEMATICS |

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IPAK 1  
COMPONENT LAYOUT  
90-130T VFD SECTION PANELS

|                |                 |          |     |
|----------------|-----------------|----------|-----|
| MASTER NUMBER: | DRAWING NUMBER: | SHEET:   | REV |
|                | 12134390        | 16 OF 17 | B   |