

The schematic diagram illustrates the layout of an HVAC system, divided into several functional sections:

- RETURN SECTION:** Includes components like ECA (ULL), ECA (STD), EBA, RBA, XFM1 & 2, AIRFI, OAS, RAS, RAH, XFR, FOM, SPC, SPP, OAC, OAF, and RETURN ENCLOSURE.
- EVAP COIL SECTION:** Features ETS1, COF, RHP, and ETS2.
- INDOOR FAN SECTION:** Contains FOS, SPT, DTS, IOM, and IDH.
- HEAT SECTION:** Shows a large INDOOR FAN, VFD ENCLOSURE, and various sensors and actuators like FD1, FD2, TCO1, TCO2, PS1, PS2, HG1, HG2, DS11, DS12, LG1, GV1, GV2, and EXV.
- CONDENSER SECTION:** Includes OHS, HPC1, DTL1, CPR1, CCH, RHP, RLV, HPC2, DTL2, CPR2, CCH, CLV, HPC3, DTL3, CPR3, CCH, and CONVENIENCE OUTLET.
- MAIN CONTROL BOX:** A central hub for control components, including FU4, FU5, VFD, KEYPAD, VHR-TB, VHR, SMC, AB, LCI, XM30/XM32, CCM, UC, HTB3, CC1, CC2, CC3, OCF1, OCF2, OCF3, FU21, FU22, FU23, FU24, FU25, FU26, FU46, FU47, FU48, FU27, FU28, FU29, FU30, FU31, FU32, PHM, HTB1 DISC/CB, FDS, GND, TNS1, TNS2, TNS3, TNS4, and HTB2.

2 DUAL HEATER SHOWN. NUMBER OF HEATER ELEMENTS / COMPONENTS VARY PER UNIT CONFIGURATION
SEE SCHEMATIC FOR UNIT SPECIFIC WIRING.

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ENGINEER: B.JONES		DIAGRAM;			
TRANE © DATE: 3-JUN-2022		COMPONENT LOCATION,			
REPLACES: -		GAS HEAT, DF RETURN			
SIMILAR TO: -		-			
REVISION DATE: 2-AUG-2022					
REVISED BY: M.DERNOVSEK					
APPROVED BY: -					
CAD SYSTEM USED: CREO SCHEMATICS	MASTER NUMBER: -		DRAWING NUMBER: 12134579	SHEET: 1 OF 1	REV: B