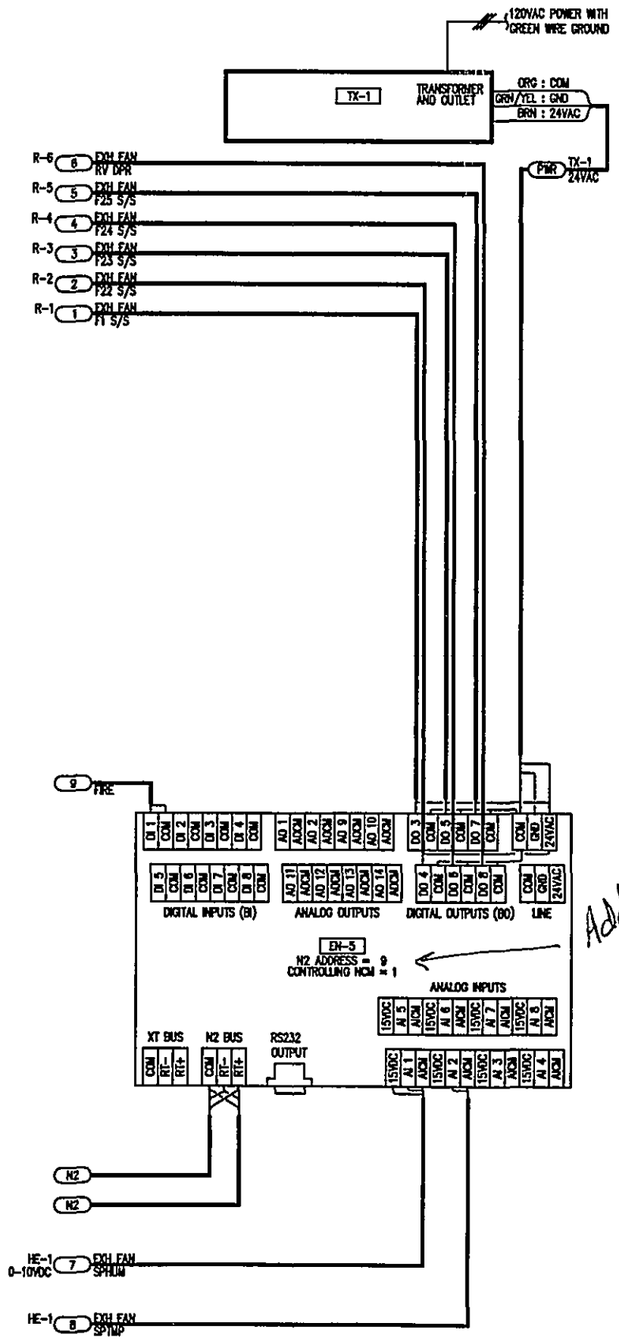

Add # 8

DX is located in the ceiling in the lobby to the left of the Water Ball Fountain

space sensor is located above the ceiling to the Right of the DX

For Drwg see pg 12 of 14 to half

PANEL MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
EN-5	1	DX-9100-8454	DIGITAL CONTR., EXTENDED
	1	DX-9100-8590	MOUNTING BASE;FOR DIGITAL
	1	DX-9100-8991	WIRING PROTECT KIT
	1	EN-EWC25-0	

SEQUENCE OF OPERATION

F-21 CONTROL:

FAN F-21 WILL BE ENERGIZED THRU THE DX-9100 WHENEVER AC-1, 2, 3 OR 4 IS ENERGIZED.

F-22, 23, 24 & 25 CONTROL:

THE DX-9100 WILL ENERGIZE FANS F-22-25 IF THE SPACE TEMPERATURE OR HUMIDITY EXCEEDS SETPOINT AT HE-1. WHEN THE FANS ARE ENERGIZED, RV-11 & 12 DAMPERS WILL OPEN. THE FANS WILL BE INTERLOCKED WITH THE BUILDING FIRE ALARM SYSTEM AND THE FANS WILL BE DE-ENERGIZED IF THE FIRE SYSTEM IS IN ALARM.

F-26, 27 & 29 CONTROL:

FANS F-26, 27 & 29 WILL RUN CONTINUOUSLY.

F-28 CONTROL:

FAN F-28 WILL RUN CONTINUOUSLY ON LOW SPEED. IF SPACE TEMPERATURE EXCEEDS SETPOINT OF TE-2, HIGH SPEED FAN WILL BE ENERGIZED AND THE DAMPER AT THE INTAKE LOUVER WILL OPEN.

HC-29 CONTROL:

SPACE THERMOSTAT TE-1 THRU THE DX-9100 WILL ENERGIZE THE FIRST STAGE OF HEAT WHEN TEMPERATURE FALLS BELOW SETPOINT. ON CONTINUED DECREASES IN TEMPERATURE BELOW SETPOINT THE SECOND, THIRD AND FOURTH STAGES OF HEAT WILL BE ENERGIZED IN SEQUENCE.

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DRAWING TITLE ENCLOSURE EN-5 DX-9100					FILE: EN-5
			GEN REV		09/12/95 GA
	REFERENCE DRAWING	NO.	REVISION-LOCATION	ECN	DATE BY
	SALES ENGR ECE / PROJECT MGR RC / APPL. ENGR GA		DRAWN BY GA DATE / /	APPROVED BY DATE	
PROJECT ROANOKE COUNTY WATER TREATMENT FACILITY	JOHNSON CONTROLS Systems & Services Division		JOHNSON CONTROLS INC 2630 BROADWAY S.W. ROANOKE, VA 24014 703-344-8291	CONTRACT NUMBER 95066-0013	DRAWING NUMBER 13 OF 14