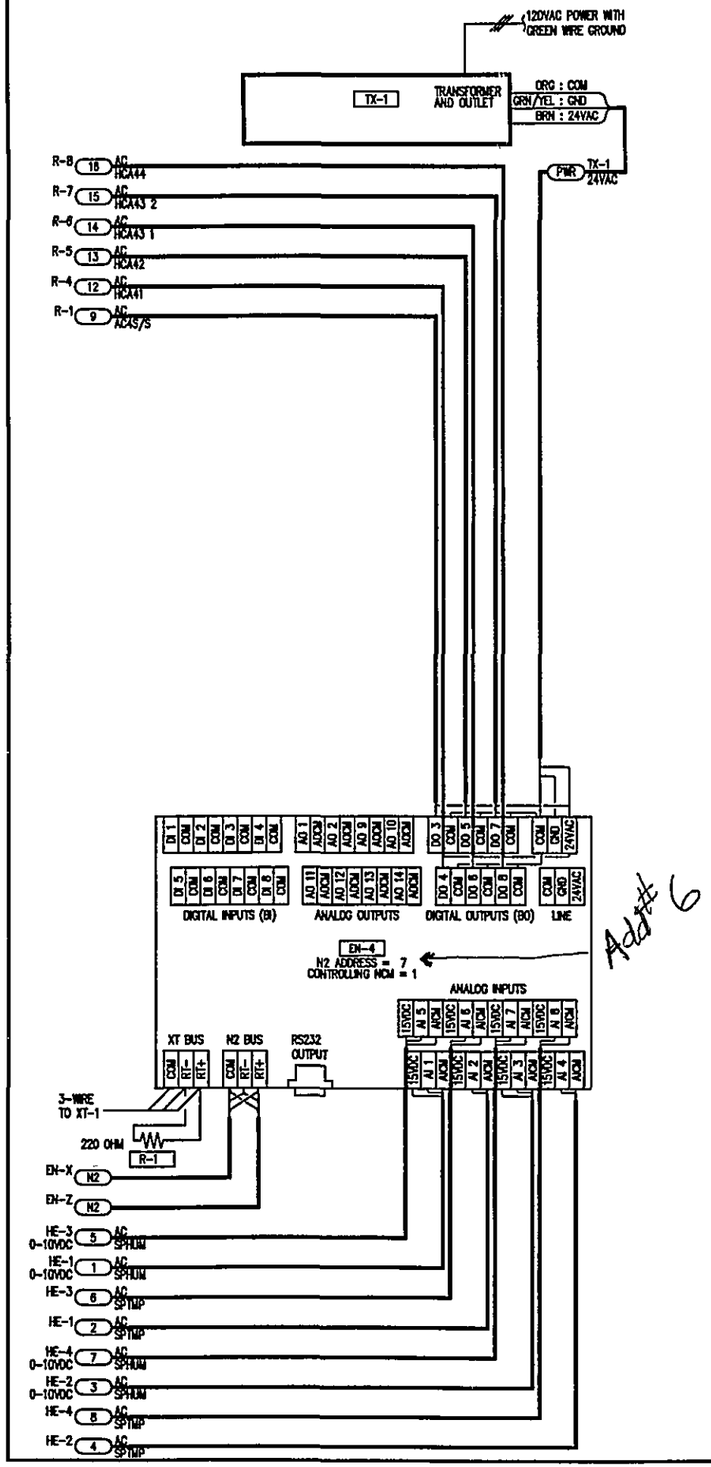

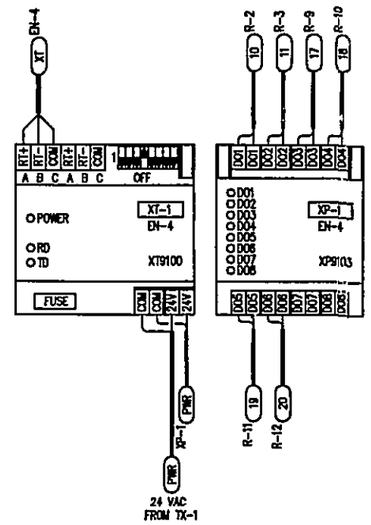

PANEL MATERIAL

DEVICE TAG	QTY	CODE NUMBER	DESCRIPTION
EN-4	1	DX-9100-8454	DIGITAL CONTR.; EXTENDED
	1	DX-9100-8990	MOUNTING BASE;FOR DIGITAL
	1	DX-9100-8991	WIRING PROTECT KIT
	1	EN-EWC25-0	
R-1	1	220 OHM	RESISTOR
XP-1	1	XP-9103-8004	EXPANSION MODULE; 8 DO
XT-1	1	XT-9100-8004	EXTENSION MODULE

BAY	TERM	XDUCER	DEVICE	SYSTEM	OBJECT	EXPANDED ID	REFERENCE DETAIL
** CONTROLLER:		TX-1					
X-FMR	120VA		120VAC				L-ENC-POWER
** CONTROLLER:		EN-4					
24VAC	----		TX-1				L-ENC-POWER
AI	AI1	----	HE-1	AC	SPHUM	SPACE HUMIDITY ZONE 1	L-HE-63x0-3TWIST
AI	AI2	----	HE-1	AC	SPTMP	SPACE TEMP ZONE 1	L-RTD-2TWIST
AI	AI3	----	HE-2	AC	SPHUM	SPACE HUMIDITY ZONE 2	L-HE-63x0-3TWIST
AI	AI4	----	HE-2	AC	SPTMP	SPACE TEMP ZONE 2	L-RTD-2TWIST
AI	AI5	----	HE-3	AC	SPHUM	SPACE HUMIDITY ZONE 3	L-HE-63x0-3TWIST
AI	AI6	----	HE-3	AC	SPTMP	SPACE TEMP ZONE 3	L-RTD-2TWIST
AI	AI7	----	HE-4	AC	SPHUM	SPACE HUMIDITY ZONE 4	L-HE-63x0-3TWIST
AI	AI8	----	HE-4	AC	SPTMP	SPACE TEMP ZONE 4	L-RTD-2TWIST
BO	BO3	----	R-1	AC	AC4S/S	AC-4 START/STOP	L-BOUT-24V-2TWIST
BO	BO4	----	R-4	AC	HCA41	HC-A41 HEATING	L-BOUT-24V-2TWIST
BO	BO5	----	R-5	AC	HCA42	HC-A42 HEATING	L-BOUT-24V-2TWIST
BO	BO6	----	R-6	AC	HCA43 1	HC-A43 HEATING 1	L-BOUT-24V-2TWIST
BO	BO7	----	R-7	AC	HCA43 2	HC-A43 HEATING 2	L-BOUT-24V-2TWIST
BO	BO8	----	R-8	AC	HCA44	HC-A44 HEATING	L-BOUT-24V-2TWIST
N2BUS	IN		EN-X				L-DX-N2BUS
N2BUS	OUT		EN-Z				L-N2-3TWIST-3TWIST
** CONTROLLER:		EN-4/XP-1					
BO	BO1	----	R-2	AC	CLG1	COOLING 1	L-XP9103
BO	BO2	----	R-3	AC	CLG2	COOLING 2	L-XP9103
BO	BO3	----	R-9	AC	HUM1	HUMIDIFIER ZONE 1	L-XP9103
BO	BO4	----	R-10	AC	HUM2	HUMIDIFIER ZONE 2	L-XP9103
BO	BO5	----	R-11	AC	HUM3	HUMIDIFIER ZONE 3	L-XP9103
BO	BO6	----	R-12	AC	HUM4	HUMIDIFIER ZONE 4	L-XP9103
** CONTROLLER:		EN-4/XT-1					
24VAC	IN						L-XT9100
XTBUS	IN		EN-4				L-XT9100

COPYRIGHT JOHNSON CONTROLS, INC.1995

FILE: EN-4

DRAWING TITLE
ENCLOSURE EN-4
DX-9100

REFERENCE DRAWING		NO.	REVISION-LOCATION	ECN	DATE	BY
			GEN REV		09/12/95	GA

SALES ENGR	PROJECT MGR	APPL. ENGR	DRAWN	APPROVED
ECE	RC	GA	BY GA DATE / /	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
11 OF 14