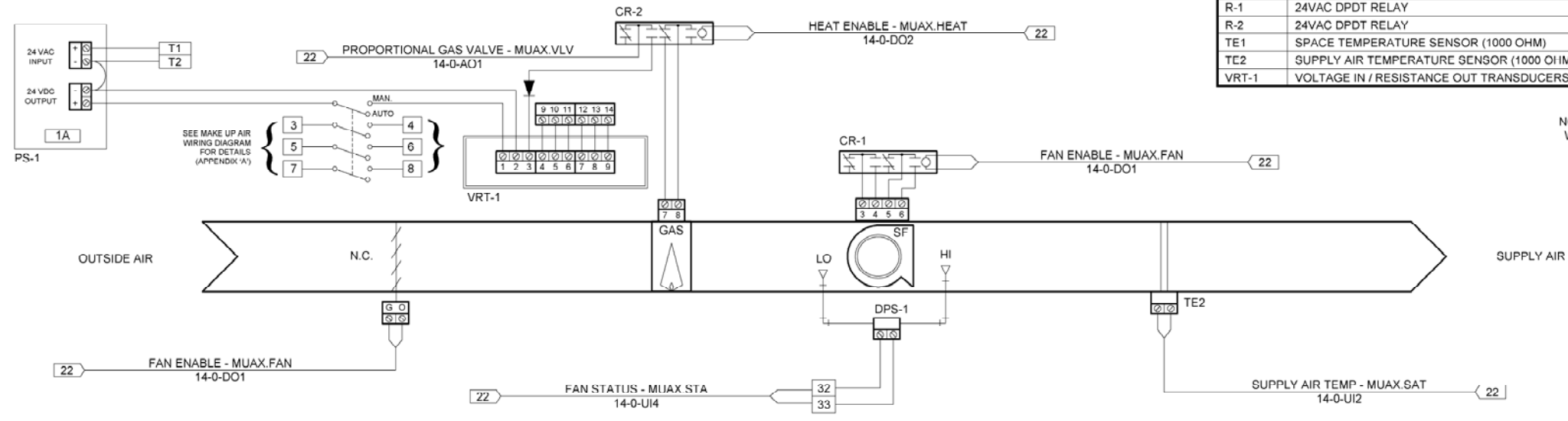
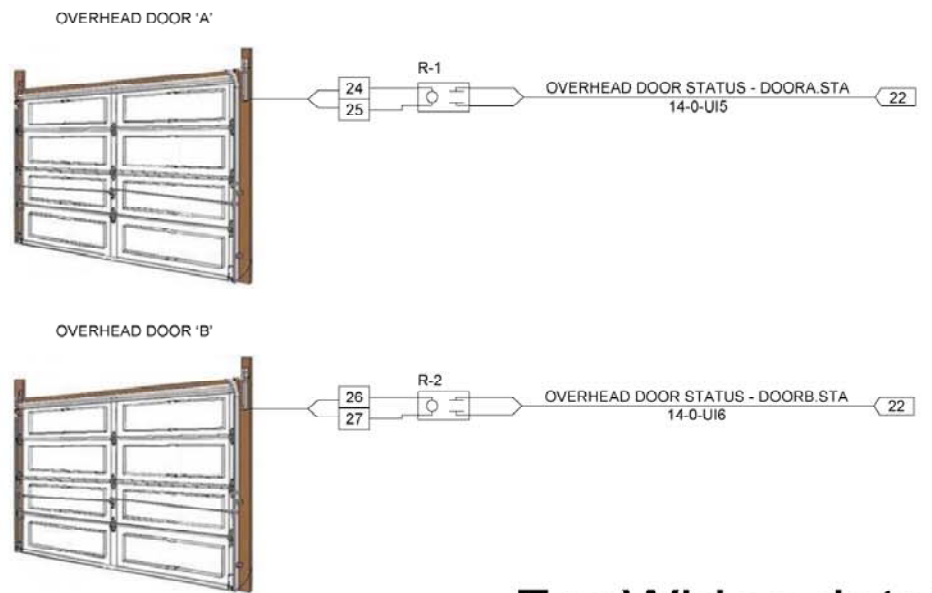


MUA 1-4 Schematic

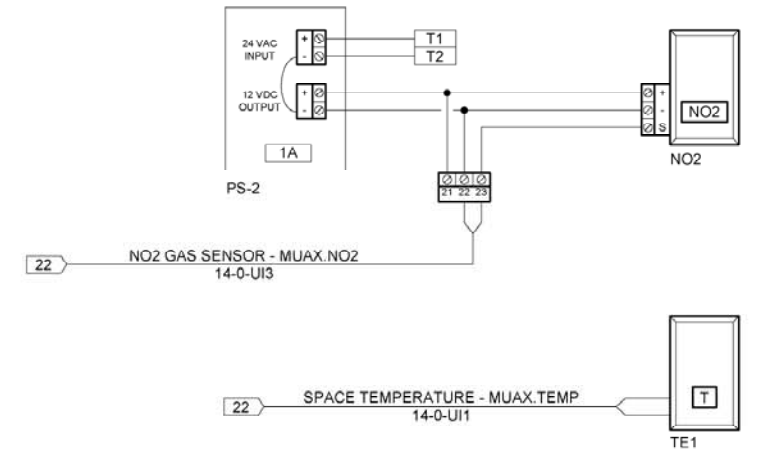
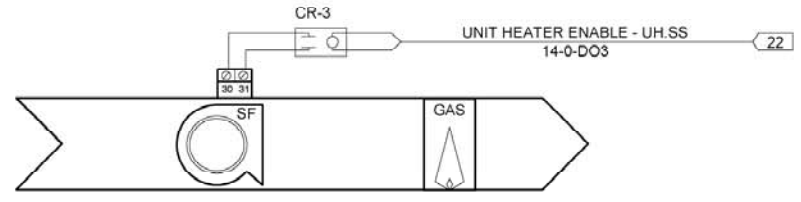


NOTE THAT ALL PERIPHERAL DEVICES WERE SUPPLIED BY THE CUSTOMER

Bill of Materials				
DID	DESCRIPTION	MANUFACTURER	PART NUMBER	QTY
CR-1	24VAC DPDT RELAY	OMRON	LY2-US24	1 ea
CR-2	24VAC DPDT RELAY	OMRON	LY2-US24	1 ea
CR-3	24VAC DPDT RELAY	OMRON	LY2-US24	1 ea
DPS-1	DIFFERENTIAL PRESSURE SENSOR (FAN STATUS)	UNKNOWN	P32AF-2	1 ea
NO2	NO2 GAS SENSOR	ARMSTRONG	AMC-V6200	1 ea
PS-1	24VDC POWER SUPPLY (ADJUSTABLE)	GREYSTONE	241F	1 ea
PS-2	12VDC POWER SUPPLY (ADJUSTABLE)	GREYSTONE	241F	1 ea
R-1	24VAC DPDT RELAY	OMRON	LY2-US24	1 ea
R-2	24VAC DPDT RELAY	OMRON	LY2-US24	1 ea
TE1	SPACE TEMPERATURE SENSOR (1000 OHM)	JOHNSON	TE-6000-4	1 ea
TE2	SUPPLY AIR TEMPERATURE SENSOR (1000 OHM)	JOHNSON	TE-6000-4(-1)	1 ea
VRT-1	VOLTAGE IN / RESISTANCE OUT TRANSDUCERS	ADVANCED TECH.	DRN2	1 ea



Unit Heater Details



- General Notes:**
- All wiring shall be #18 gauge unless noted otherwise.
 - Refer to ALC technical documentation for additional information.
 - Locate Control Relays in starter enclosures where possible.

For Wiring details on MUA1 and MUA4 refer to page 22
 For Wiring details on MUA2 and MUA3 refer to page 23

Winnipeg Transit Winnipeg, Manitoba			
Integrated Control Systems			
MUA 1-4 Schematic			
REV: 1	As-Built	5/29/2008	JOB NO: ICS06-81
AUTOMATEDLOGIC CORPORATION			CHECK BY: JJL
			DSCODE:
			10 of 27