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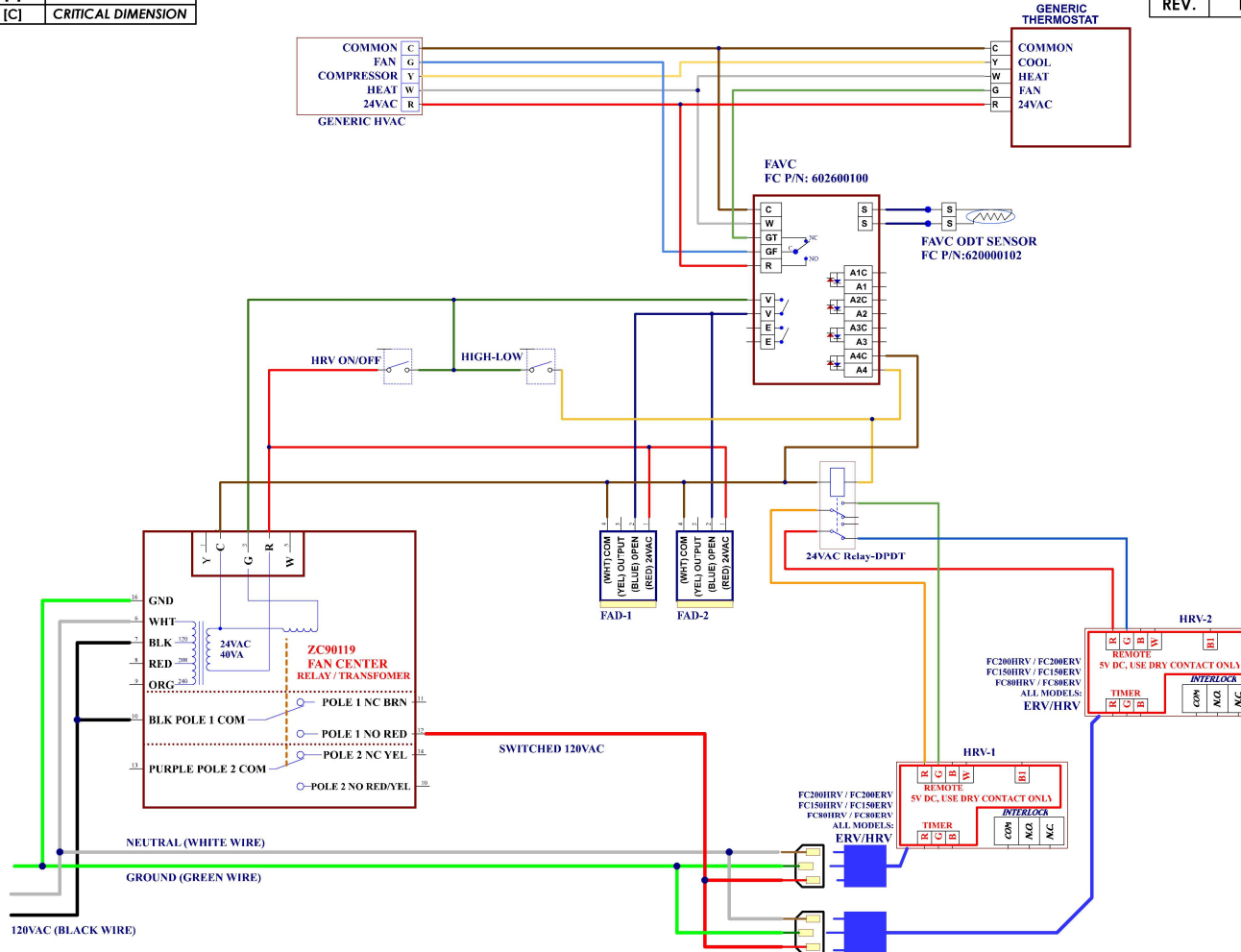
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SYMBOL	DESCRIPTION
[K]	KEY DIMENSION
[C]	CRITICAL DIMENSION


REVISION TABLE				
REV.	DATE	ECN	DESCRIPTION OF CHANGE	BY



BASIC OPERATION OF THIS SYSTEM:
THE CENTRAL AIR HANDLER AND THE FAVC WILL BE OPERATING INDEPENDENT FROM THE HRV/ERV UNITS. POWER FROM THE CENTRAL AIR HANDLER WILL SUPPLY THE FAVC CONTROL.

VENTILATION WILL BE ACTIVE ONLY WHEN THE HRV ON/OFF SWITCH IS SET TO ON. THIS WILL CONNECT THE V TERMINAL WITH A 24VAC SOURCE SUPPLIED BY THE ZC90119 FAN CENTER RELAY CONTROL. THE HRV ON/OFF SWITCH WILL BE USED TO ENERGIZE THE FAN CENTER RELAY THAT WILL SUPPLY 120VAC POWER TO THE TWO HRV UNITS. WHEN THE FAVC IS CALLING FOR VENTILATION, THE TWO DAMPERS WILL OPEN PERMITTING FRESH AIR VENTILATION SUPPLY TO THE HRV UNITS. WHEN THE FAVC DETECTS RISE IN HUMIDITY LEVELS OR TOO HOT OR TOO COLD IN TEMPERATURE, THE DAMPERS ARE CLOSED. A PRESSURE ACTIVATED DAMPER (NOT SHOWN) WILL PERMIT AIR RECIRCULATION WITHIN THE BUILDING STRUCTURE. HRV UNITS WILL BE RUNNING CONTINUOUSLY WHEN POWER IS SUPPLIED BY THE FAN CENTER CONTROL. THE HIGH LOW SWITCH IS USED TO PLACE THE TWO HRV UNITS INTO HIGH SPEED AS WELL AS FORCE A MAKE UP AIR CONDITION ON THE FAVC CONTROL.

- NOTES:
1. 120VAC WIRING MUST BE IN ACCORDANCE TO NEC AND LOCAL WIRE CODES.

 FIELD CONTROLS KINSTON, N.C. 28504 USA	TOLERANCE (UNLESS NOTED) FRACTIONAL: $\pm 1/32$ ANGLES: $\pm 2^\circ$ X.X DECIMAL: ± 0.050 X.XX DECIMAL: ± 0.010 X.XXX DECIMAL: ± 0.005	DESCRIPTION: FOWLERVILLE VETERINARY CLINIC WIRE DIAGRAM, FAVC, DUAL HRV			
		ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED			
	P/N: 780300913 REV: A		DATE: 09/11/2018 APVD BY: MRL		
	ORG ECN: 0345 REV ECN: - SHEET: 1:1		DWN BY: EAH DATE: 09/11/2018		

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FILE NAME:
780300913.SLDDRW

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