

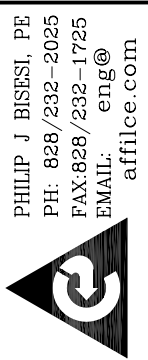
CONSTRUCTION NOTES:

1. EACH ALARM AND MESSAGE SHOULD GENERATE A MESSAGE THAT STATES THE ALARM OR MESSAGE CONDITION, AND WHAT ARE PROBABLE CAUSES OF THE PROBLEM.

12/17/04 FOR CONSTRUCTION
 11/22/04 FOR FINAL REVIEW
 11/05/04 CONTROLS REVISION
 9/03/04 FOR REVIEW
 6/24/04 FOR REVIEW
 6/08/04 OWNERS REVIEW AND ARCHITECT COORDINATION

DRAWINGS ISSUED © 2004

DRAWN: JORDAN 3/18/2004
 DESIGN: BISESI 3/17/2004
 APVD:



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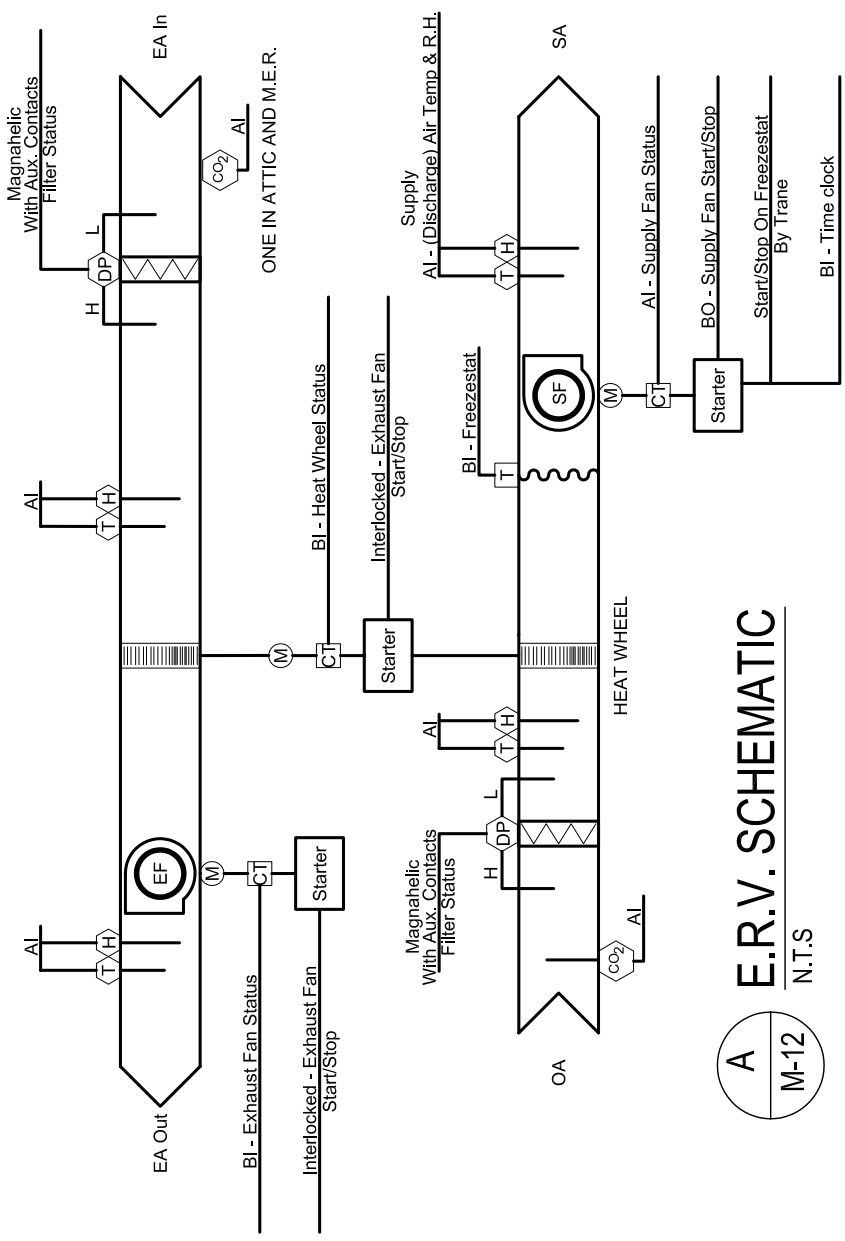


WARREN WILSON
 COLLEGE
 COLLEGE RELATIONS
 OFFICE BUILDING

**CONTROLS
 ERV**

DRAWING:

M-12



A E.R.V. SCHEMATIC

M-12
 N.T.S

ERV	Hardware Points							Software Points						
	AI	AO	BI	BO	AV	BV	Sched	Trend	Alarm	Message	Show On Graphic	Calc		
EA in Temp & RH	x							x			x			
EA out Temp & RH														
OA Temp & RH	x													
SA Temp & RH														
OA CO ₂	x								x		x	Δ Co ₂		
RA (Attic)(MER) CO ₂														
Freezestat by Trane			x						x					
Supply Fan Status			x											
Exhaust Fan Status			x											
Filter Status			x											
Supply Fan Start/Stop				x							x			
Exhaust Fan Start/Stop				x							x			
Schedule							x							
Heat Wheel Failure									x					
Heat Wheel in Hand										x				
Supply Fan Failure			x											
Supply Fan in Hand			x											
Exhaust Fan Failure			x											
Exhaust Fan in Hand			x											
Totals	3	0	8	2	0	0	1	8	6	3	10			
Total Hardware (13)							Total Software (28)							