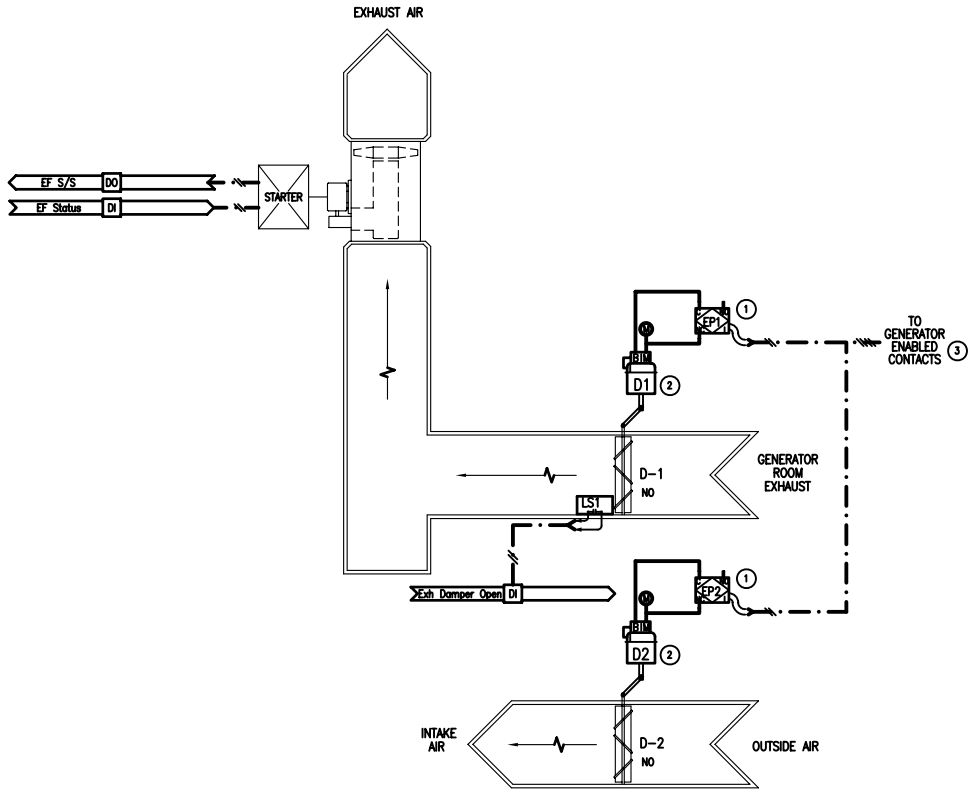
NOTES

1. Large volume EP required to allow pneumatic actuators to open in less than 10 seconds.
2. Quantity and size of pneumatic actuators to meet mechanical damper design requirements with maximum full stroke time of 10 seconds.
3. EP controlled directly from generator factory control panel.



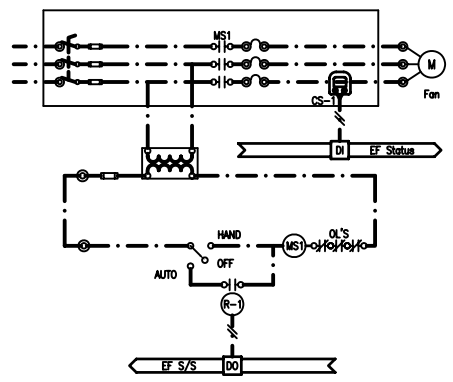
POINTS LIST

ADDRESS	POINT DESCRIPTOR	POINT TYPE DI	AI	DO	AO	VP	REMARKS
	EF S/S			*			
	EF Status	*					
	Exh Damper Open	*					

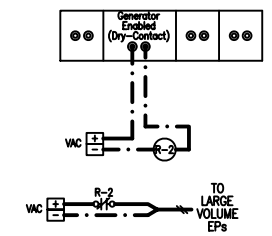
LOGIC VARIABLES

BINARY	ANALOG	DESCRIPTION
EFPF		ON WHEN EXHAUST FAN STATUS IS PROVEN
EF		ON WHEN EXHAUST FAN IS COMMANDED TO RUN

ELECTRIC LADDER DIAGRAMS



EXHAUST FAN STARTER



GENERATOR CONTROL PANEL

REVISIONS

NO.	DESCRIPTION	DATE

THE UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

The University of North Carolina
Chapel Hill, North Carolina

Standard Control Drawings

Eng	HJN
Drawn	HJN
Chkd	---
Appd	---
Issued	12/23/2008
Job No.	----
Scale	N/A
Proj Code	

100% Design Review (REV 3)

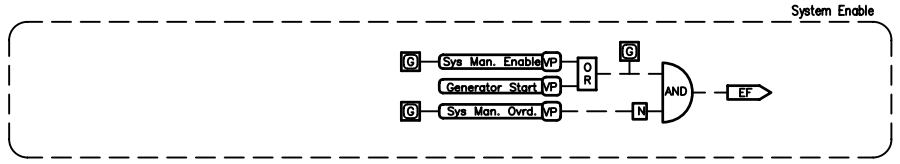
GENERATOR ROOM EXHAUST CONTROL

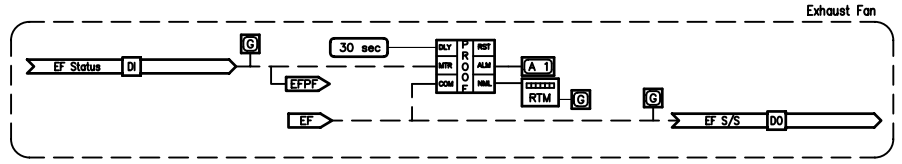
00 OF 00
SHEET NUMBER

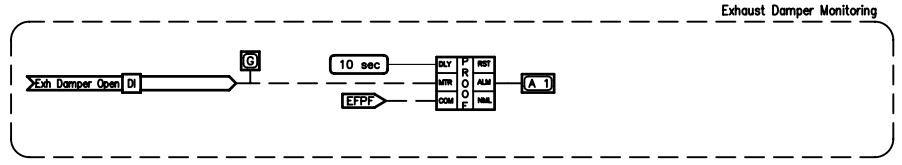
C-4.04
DWG NUMBER

GENERATOR ROOM EXHAUST CONTROL

Software Logic Diagram







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