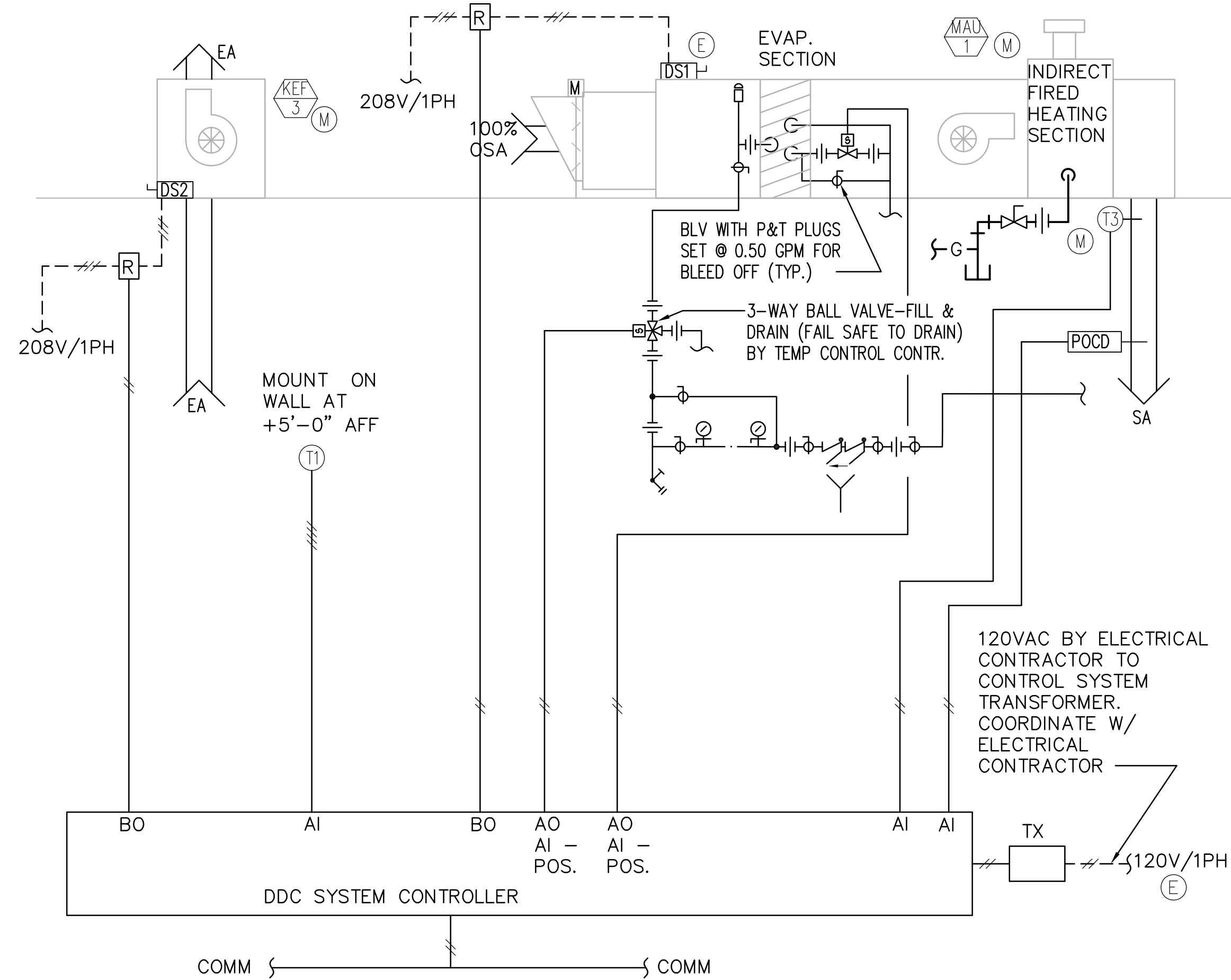
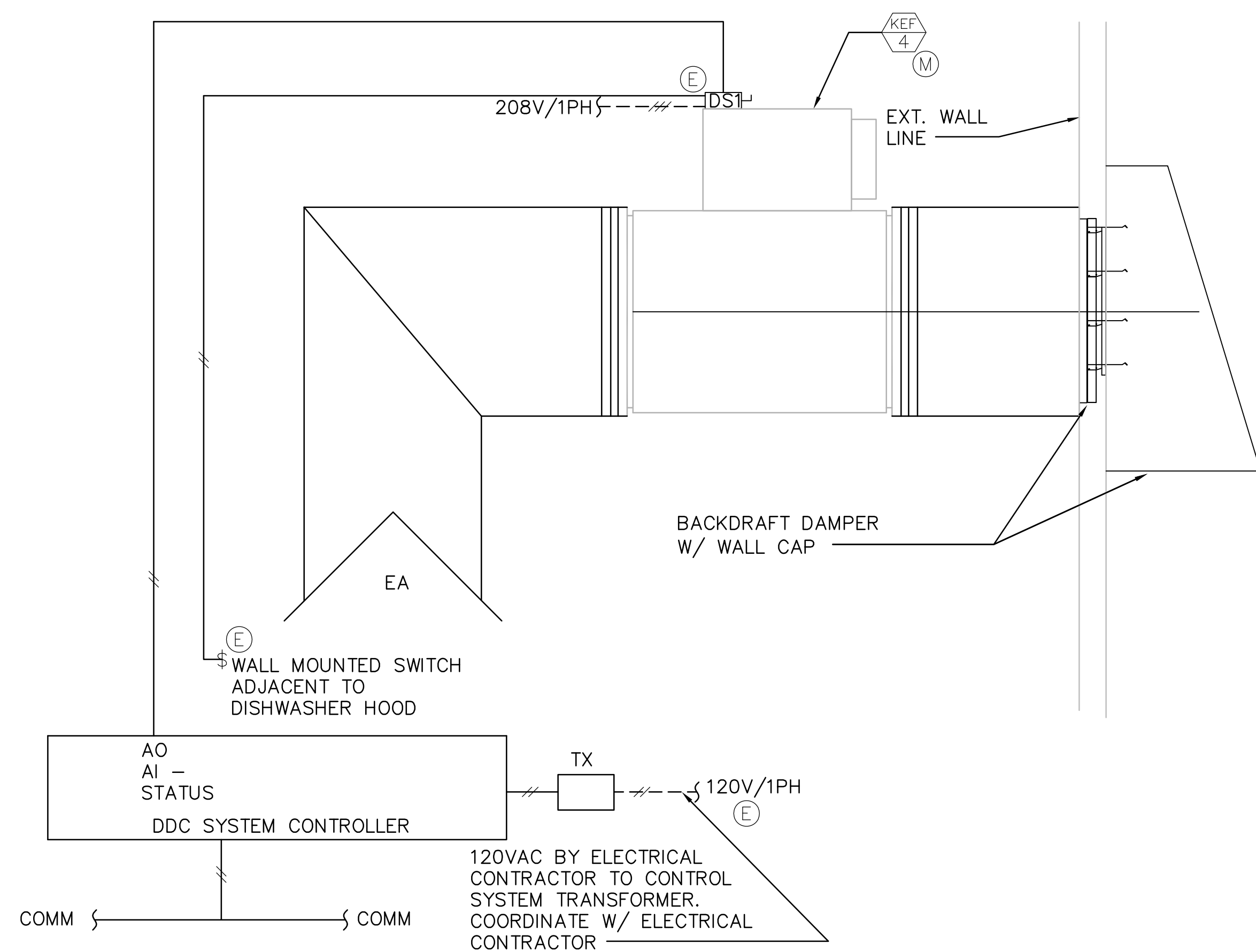


1 AIR HANDLER (VAV) CONTROL DIAGRAM (TYP FOR AHU-3b & 5)
SCALE: NONE



2 MAU-1 w/ KEF-3 CONTROL DIAGRAM
SCALE: NONE

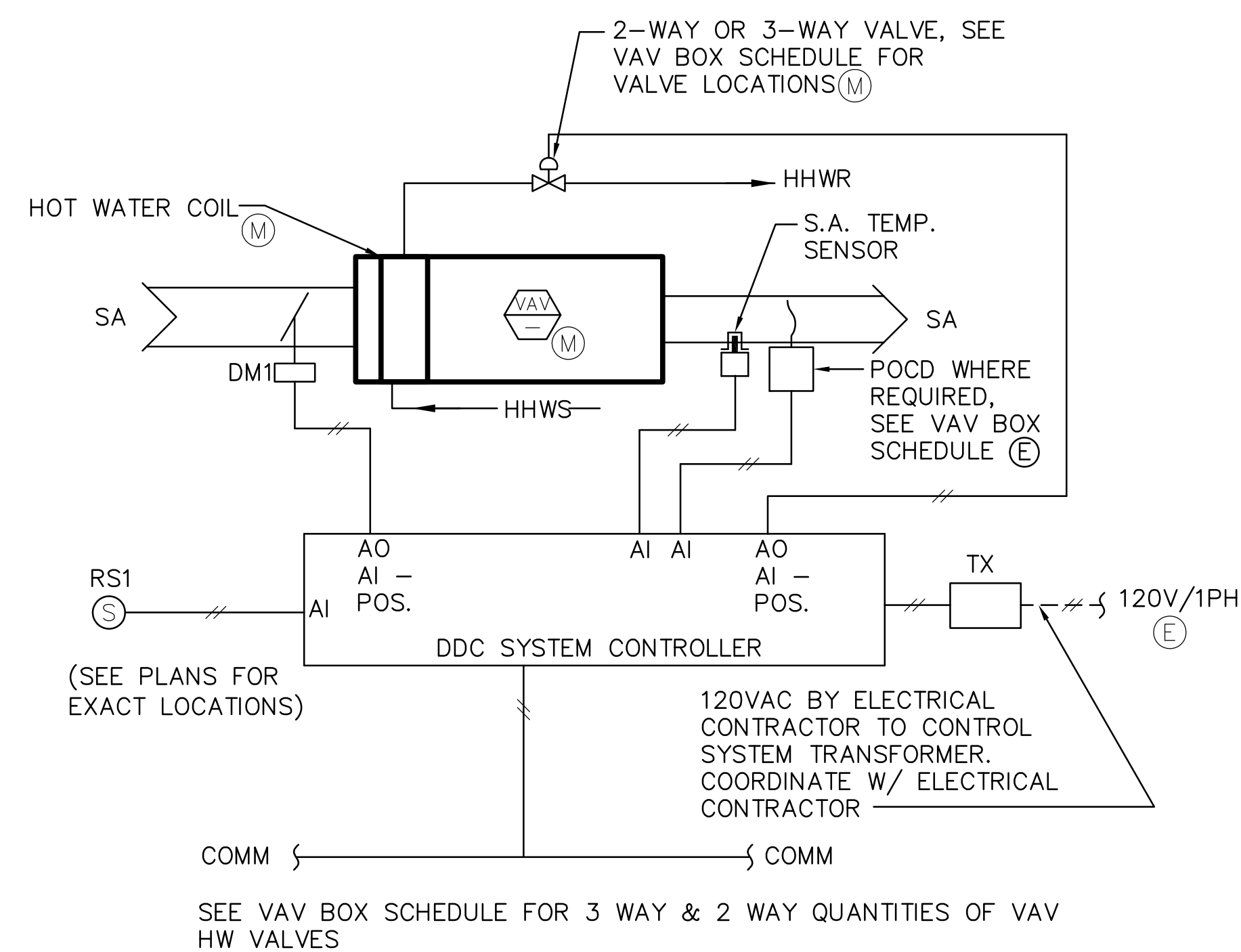


CONTROL SEQUENCE

EXHAUST FAN OPERATION:

INLINE MOUNTED EXHAUST FAN SHALL BE OPERATED (ON/OFF) BY A COMMAND AS SCHEDULED THROUGH THE DDC SYSTEM

3 DISHWASHER EXHAUST FAN KEF-4 CONTROL DIAGRAM
SCALE: NONE


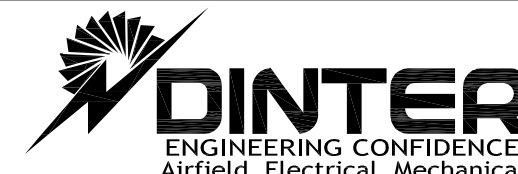

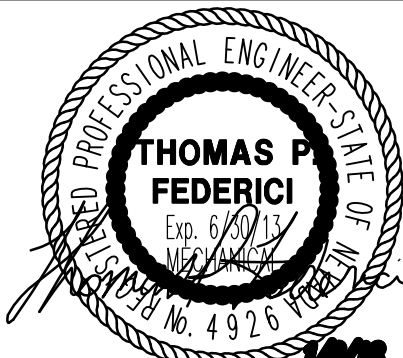


SEQUENCE OF OPERATION

VAV SYSTEM TERMINAL UNITS WITH HOT WATER REHEAT CONTROL
THE ROOM TEMPERATURE SENSOR WILL MONITOR ROOM TEMPERATURE AND MODULATE THE VAV DAMPER WITHIN MINIMUM AND MAXIMUM COOLING CFM SETPOINTS TO MAINTAIN ROOM SETPOINT OF 74°F (ADJUSTABLE). WHEN THE ROOM TEMPERATURE IS LESS THAN THE HEATING SETPOINT OF 72°F (ADJUSTABLE), THE VAV DAMPER WILL BE MODULATED BETWEEN THE HEATING MINIMUM AND MAXIMUM HEATING CFM SETPOINTS AND THE HOT WATER REHEAT CONTROL VALVE WILL BE MODULATED TO MAINTAIN ROOM SETPOINT.

4 TYPICAL VAV UNIT CONTROL DIAGRAM
SCALE: NONE

FULLY SPRINKLERED

		CONSULTANTS:				ARCHITECT/ENGINEERS:		<div>Drawing Title MECHANICAL CONTROLS</div> <div>Approved Project Director</div>		<div>Project Title VA SIERRA NEVADA HEALTH CARE SYSTEM - CANTEN RELOCATION DESIGN - , RENO, NEVADA</div> <div>Location 975 KIRMAN AVE, RENO, NEVADA 89502</div> <div>Date 06 JAN 2012</div> <div>Checked TPF</div> <div>Drawn EBW</div>		<div>Project Number 654-11-227</div> <div>Building Number 1</div> <div>Drawing Number M5.1</div> <div>Dwg. - of -</div>		<div>Office of Construction and Facilities Management</div> <div> Department of Veterans Affairs</div>	
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