


	ISSUED FOR CONSTRUCTION DOCUMENTS (FINAL BID)	07/25/12
	ISSUED FOR 10% DESIGN SUBMITTAL	06/03/12
	ISSUED FOR 40% DESIGN DEVELOPMENT	04/10/12
Revisions		Date

CONSULTANTS:

[illegible]

ARCHITECT/ENGINEERS:

ARCHITECT/ENGINEERS:

EPSTEIN

600 West Fulton Street
Chicago, Illinois 60661

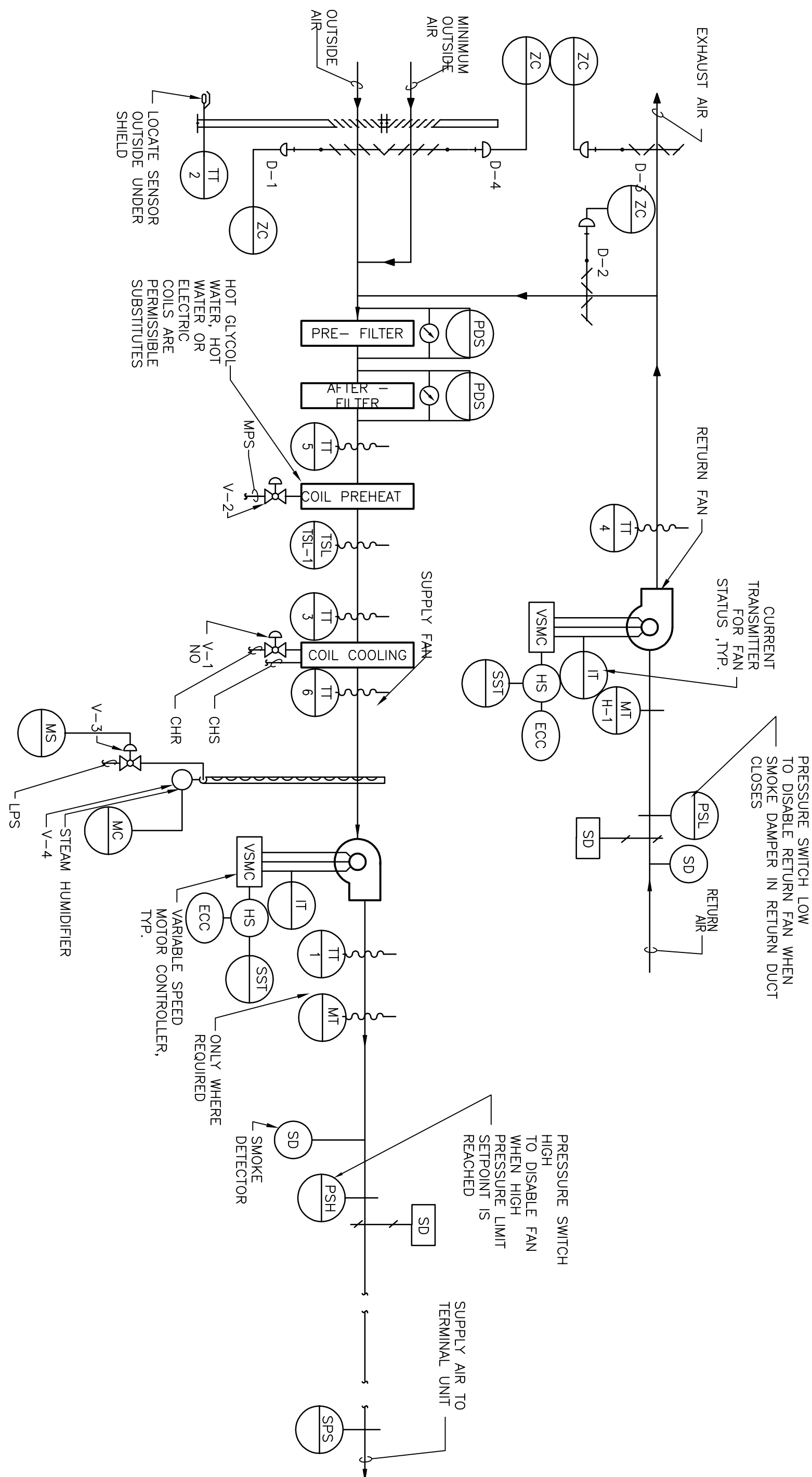
Drawing Title

MECHANICAL CONTROLS

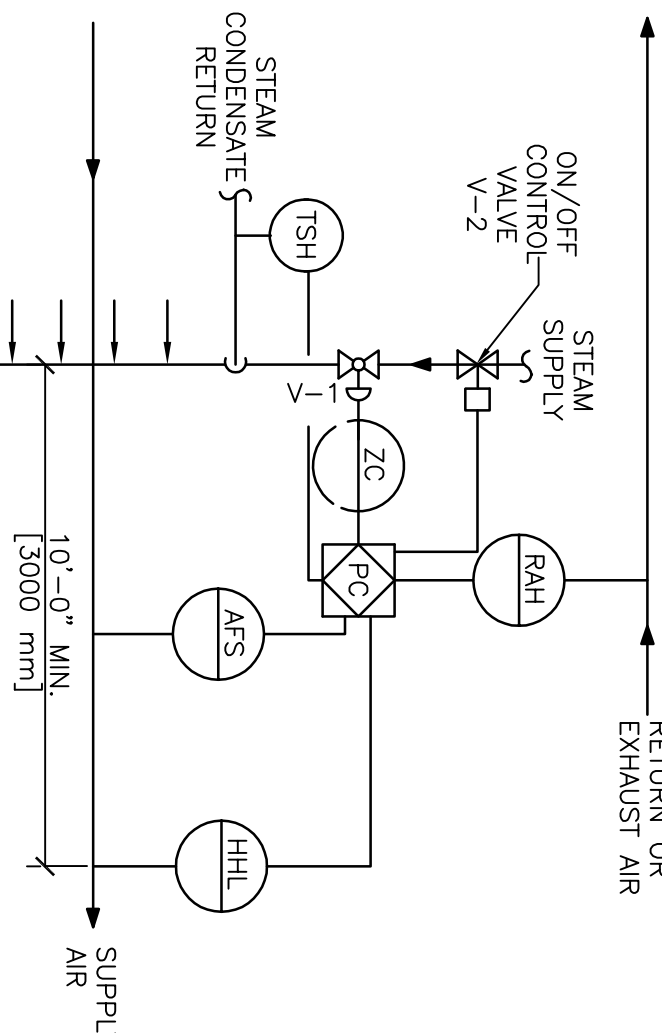
Drawing Title MECHANICAL CONTROLS	Project Title REPLACEMENT OF AHU 5-10B IN BUILDING 30	Project Number 537-07-138
Approved Project Director	Location 820 S. DAMEN AVE. CHICAGO, IL 60612	Bldg Number BUILDING 30
Date 07/25/2012	Checked YW	Drawn YW
Drawing Number 30-M-600		Dwg. 06 of 09

FULLY SPRINKLERED

2 VARIABLE AIR VOLUME AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR CONTROL DIAGRAM



STEAM HUMIDIFIER CONTROLS

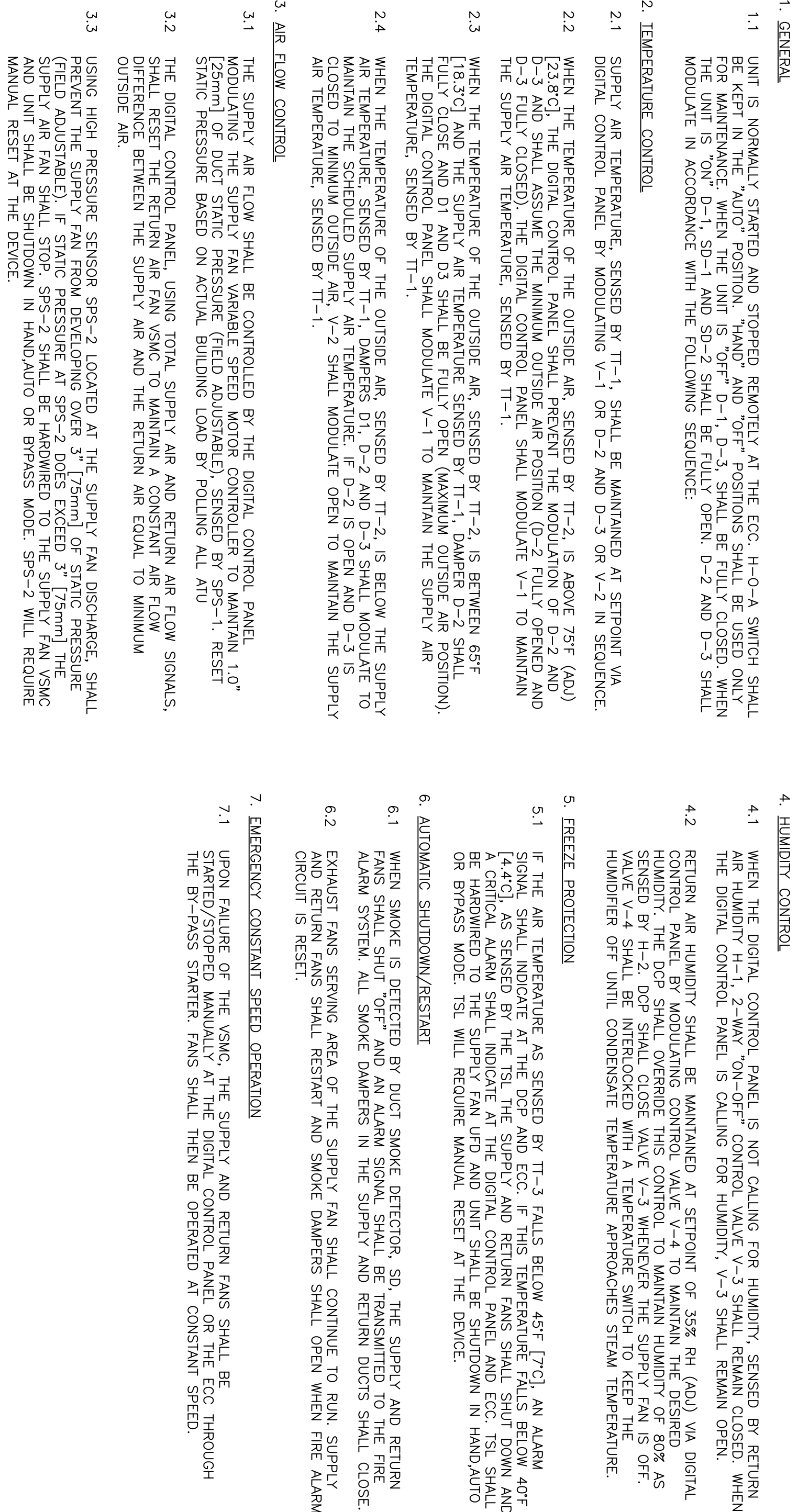


STEAM/HUMIDIFIER AND HUMIDITY SHALL BE MONITORED ON A DALL FOR HUMIDIFICATION. RETURN (OR EXHAUST) AIR SHALL BE MONITORED TO PREVENT OVER HUMIDIFICATION. HUMIDITY SET POINT TO 30% (ADJUSTABLE). PRIOR TO ACTIVATION OF +/-1 THE ON/OFF CONTROL SHALL BE ENGAGED THROUGH ECO AND JACKET TEMPERATURE SENSED CONTROL. VALVE V-2 SHALL BE ENGAGED THROUGH ECO. THE HIGH LIMIT HUMIDITY BY TSH SHALL BE WARM ENOUGH TO PREVENT CONDENSATION. THE HIGH LIMIT HUMIDITY SHALL BE 40% (ADJUSTABLE). THE LOW LIMIT HUMIDITY SHALL BE 20% (ADJUSTABLE). THE HUMIDIFIER AND ONE AIR ALARM SENSED TO THE ECO. IF THE SUPPLY AIR HUMIDITY EXCEEDS 90% RH (ADJUSTABLE), THE AIRFLOW SWITCH SHALL PROVE AIRFLOW BEFORE HUMIDITY CONTROLS ARE ACTIVATED.

POINTS LIST FOR VAV AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR

[illegible]

SEQUENCE OF OPERATION FOR VARIABLE AIR VOLUME AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR



POINTS LIST FOR VAV AIR HANDLING UNIT WITH MINIMUM OUTSIDE AIR

[illegible]

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**Office of
Construction
and Facilities
Management**

 **Department of
Veterans Affairs**