

MECHANICAL DUCTWORK PLAN - LEVEL 4 - ZONE 6
 SCALE: 1/8" = 1'-0"

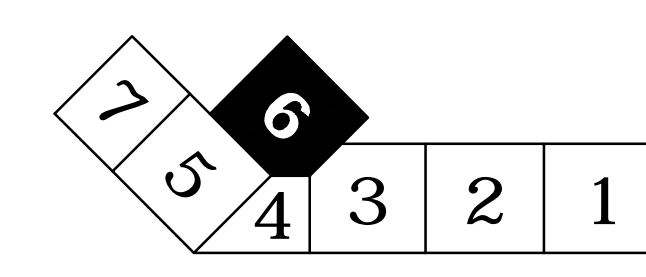
SHEET NOTES

- 01 FURNISH AND INSTALL MULTIWALL BOILERWATER HEATER STACK
- 02 MOUNT DRUM LOUVER IN DUCT TAKEOFF ABOVE OPEN ARCHITECTURAL RETURN AIR PLENUM. MOUNT BOTTOM OF LOUVER FLUSH WITH TOP OF OUTER WALL. HOLD DUCT TAKEOFF AND LOUVER TIGHT TO MECHANICAL ROOM WALL TO CONCEAL DRUM LOUVER. PROVIDE GSM BLANK OFF AT TOP OF CHASE DIRECTLY IN FRONT OF LOUVER TO MAINTAIN AIRFLOW INTO CIRCULATION AREA.
- 03 FURNISH AND INSTALL 1" DUCT LINER IN 128x30" DUCT FROM ELBOW AT 264x30" RISER TO AHU-1 TO BEYOND THREE 72x18" BRANCHES, INCLUDING THE THREE BRANCHES. PROVIDE CLEAR INSIDE DUCT DIMENSIONS EQUAL TO THOSE CALLED OUT. DUCT LINER EQUAL TO INDUSTRIAL NOISE CONTROL ACOUSTIC DUCTLINER.
- 04 FURNISH AND INSTALL 1" DUCT LINER IN DUCT FROM CONNECTION TO 218x32" DUCT RISER TO AHU-2 TO AND INCLUDING 60x24" DUCT BRANCH AND 120x30" DUCT BRANCH. PROVIDE CLEAR INSIDE DIMENSION EQUAL TO THOSE CALLED OUT. DUCT LINER EQUAL TO INDUSTRIAL NOISE CONTROL ACOUSTIC DUCTLINER.
- 05 FURNISH AND INSTALL 14" DIAMETER DOUBLE WALL INSULATED POSITIVE PRESSURE FLUES WITH STAINLESS STEEL INTERIOR WALLS AT EACH BOILER. CONNECT FLUES TOGETHER AND RUN HORIZONTALLY AND CONNECT TO 14" DIAMETER VERTICAL FLUE. RISER TO COMBUSTION EXHAUST FAN NOTED IN BOILER SCHEDULE.
- 06 AIR HANDLING UNIT VENTILATION PUSHBUTTON CUTOFF SWITCH. LOCATE NEXT TO LIGHT SWITCHES. WHEN SWITCH IS ACTIVATED, AHU-1 & AHU-2 VENTILATION INTAKE AND RELIEF DAMPERS SHALL CLOSE.
- 07 OUTDOOR AIR SAMPLING TUBE - 1/4" OD COPPER OR STAINLESS STEEL. UP IN RETURN AIR CHASE & TERMINATE IN MECHANICAL WELL.
- 08 BUILDING SPACE AIR PRESSURE SAMPLING TUBE - TERMINATE IN RETURN AIR CHASE.

GENERAL NOTES

- A SEE SHEET M00.00 FOR LEGEND AND GENERAL NOTES.
- B SUPPLY DUCTWORK SHALL BE SMACNA 10 INCH PRESSURE CLASS FROM AIR HANDLER OUTLET CONNECTIONS TO THE FAN POWERED VAV BOXES IN ALL AREAS AND TO THE SUPPLY REGISTERS AND GRILLES IN THE BAGGAGE HANDLING SPACE. RETURN DUCTWORK SHALL BE SMACNA 10 INCH PRESSURE CLASS FROM THE INLET OPENINGS TO THE AIR HANDLER CONNECTIONS.

KEY PLAN



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THESE DRAWINGS ARE ISSUED FOR CONSTRUCTION AND REFLECT ALL AMEC ISSUED BULLETINS AND SKETCHES.

Issue	Date & Issue Description	By	Check
01	07/11/08	PWZ	RHB
02	09/22/08	PWZ	RHB
03	12/03/08	PWZ	RHB
04	01/23/09	PWZ	RHB
05	10/26/09	PWZ	RHB
06	11/12/09	PWZ	RHB
07	05/21/10	PWZ	RHB
08	08/05/10	PWZ	RHB
09	09/28/10	PWZ	RHB
10	09/28/10	PWZ	RHB
11	09/01/11	PWZ	RHB

Project Name
 P1W Terminal Enhancement

Project Number
 08.0395.000

CAD File Name
 T:\6330101\Sheet\M04.04.06.dwg

Description
 MECHANICAL DUCTWORK PLAN - LEVEL 4 - ZONE 6

Scale
 1/8" = 1'-0"

Ref. North

M04.04.06

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