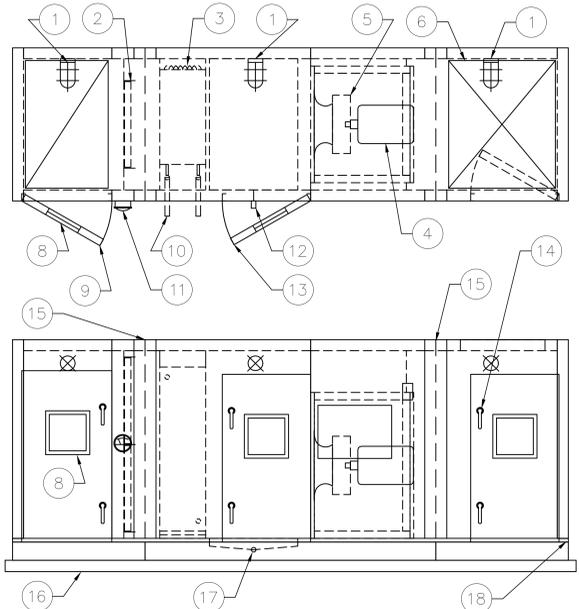


9 -

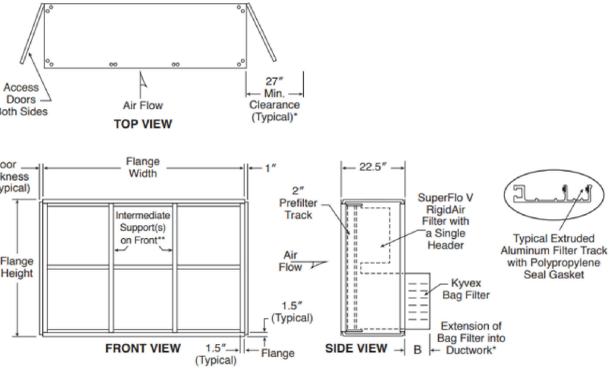
7 DUCTWORK PRESSURE CLASSIFICATIONS

4 DUCT CONNECTIONS - AIR TERMINAL UNITS (TYPE A1)

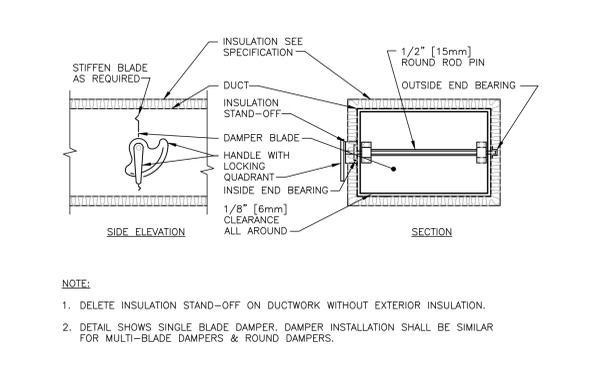
1 FLEXIBLE DUCT TERMINATION



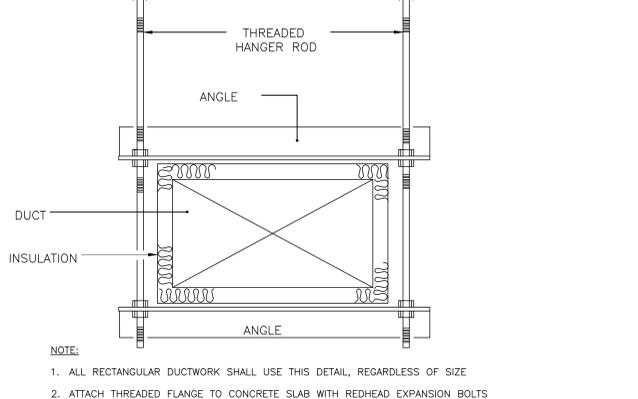
- NOTE:
- | | |
|-------------------------|---------------------------|
| 1. ACCESS SECTION LIGHT | 10. CHW PIPING CONNECTION |
| 2. PRE FILTERS | 11. PRESSURE GAUGE |
| 3. COOLING COIL | 12. CONDENSATE DRAIN |
| 4. FAN MOTOR | 13. ACCESS DOOR |
| 5. PLENUM FAN | 14. ACCESS DOOR HANDLE |
| 6. 36x24 OPENING | 15. SHIPPING SPLIT |
| 7. NOT USED | 16. HOUSEKEEPING PAD |
| 8. ACCESS DOOR WINDOW | 17. CONDENSATE DRAIN PAN |
| 9. 35x22 OPENING | 18. UNIT BASE FRAME |



5 FINAL FILTER HOUSING



2 VOLUME DAMPER



6 RECTANGULAR DUCT HANGERS

LOAD RATED FASTENERS

BAND OF SAME SIZE AS HANGER STRAP

50" [1250mm] & UNDER

HANGER RODS

BAND OVER 50" [1250mm]

HANGER STRAPS OR RODS			
MAX. DUCT # IN. [mm]	QUANTITY/SIZE IN. [mm]	MAX. LOAD LBS. [kg]	MAX. SPACING IN. [mm]
26 [650]	ONE 1 [25] x 22 GA STRAP	260 [119]	144 [3600]
36 [900]	ONE 1 [25] x 18 GA STRAP	420 [190]	144 [3600]
50 [1250]	ONE 1 [25] x 16 GA STRAP	700 [317]	144 [3600]
60 [1500]	TWO 3/8 [10] RODS	1320 [598]	144 [3600]
84 [2100]	TWO 1/2 [13] RODS	2500 [1133]	144 [3600]

NOTE: TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

3 ROUND DUCT HANGERS

11 -

8 AIR HANDLING UNIT DETAIL

6 RECTANGULAR DUCT HANGERS

3 ROUND DUCT HANGERS

FINAL DESIGN
APPROVED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:



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AKEA Project No. 094-14

Drawing Title
MECHANICAL DETAILS

Approved: Project Director

Project Title
RENOVATE WARD 3C FOR CARDIOLOGY EQUIPMENT INSTALLATION

Project Number
573-CSI-102

Building Number
1

Location
GAINESVILLE, FLORIDA

Date
MARCH 9, 2018

Checked
MGH

Drawn
MGH

Drawing Number
MH700

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