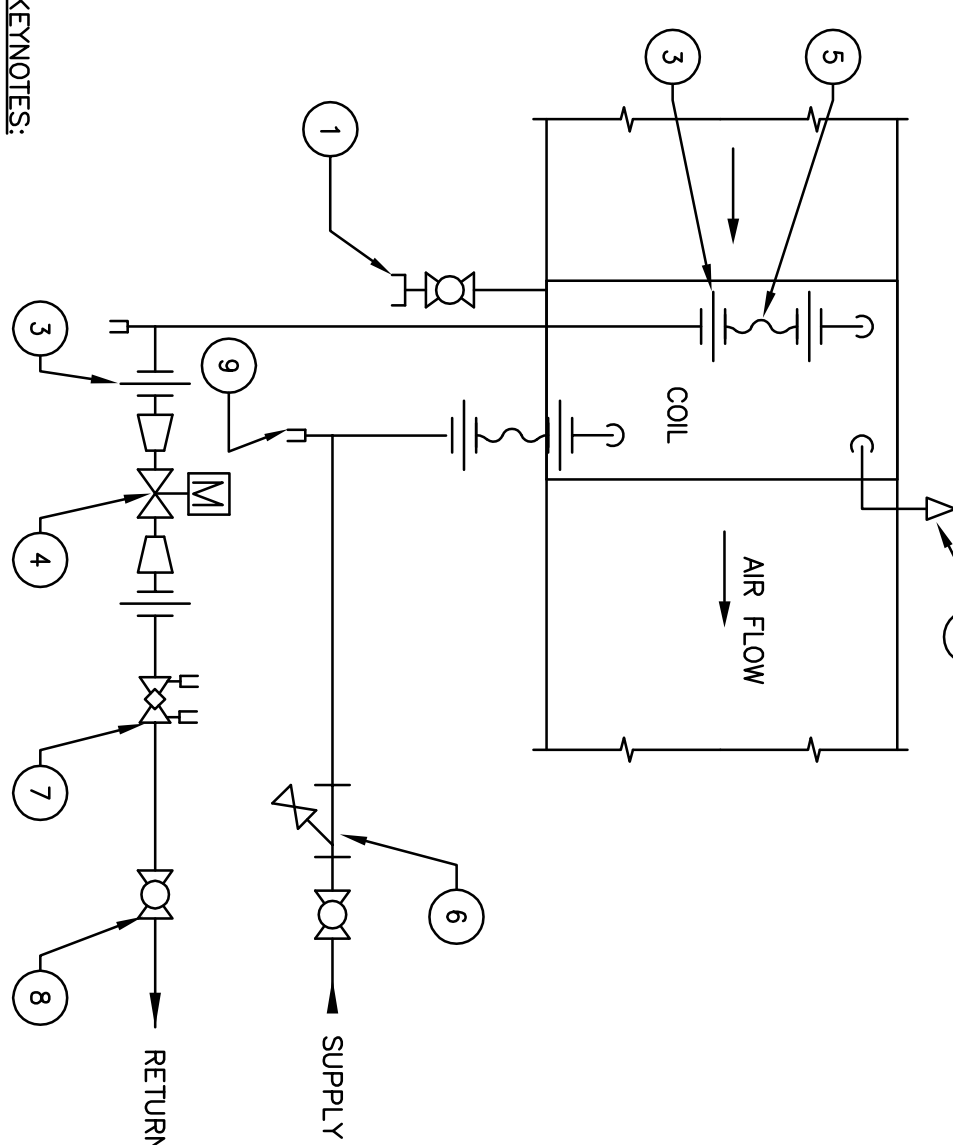


- NOTES:
1. MINIMUM DRAIN PIPE SIZE (Ø) EQUAL TO CONNECTION PROVIDED WITH EQUIPMENT
  2. MINIMUM DISTANCE EQUAL TO NEGATIVE STATIC PRESSURE (IN. W.C.) +1"
  3. OR 1/2" POSITIVE STATIC PRESSURE (IN. W.C.) +1"
  4. DRIP PAN EQUAL TO POSITIVE STATIC PRESSURE (IN. W.C.) +1"
  5. DRIP PAN EQUAL TO NEGATIVE STATIC PRESSURE (IN. W.C.) +1"
  6. SCHEDULES FOR STATIC PRESSURE INFORMATION

**1** COIL CONDENSATE DRAIN PIPING DETAIL

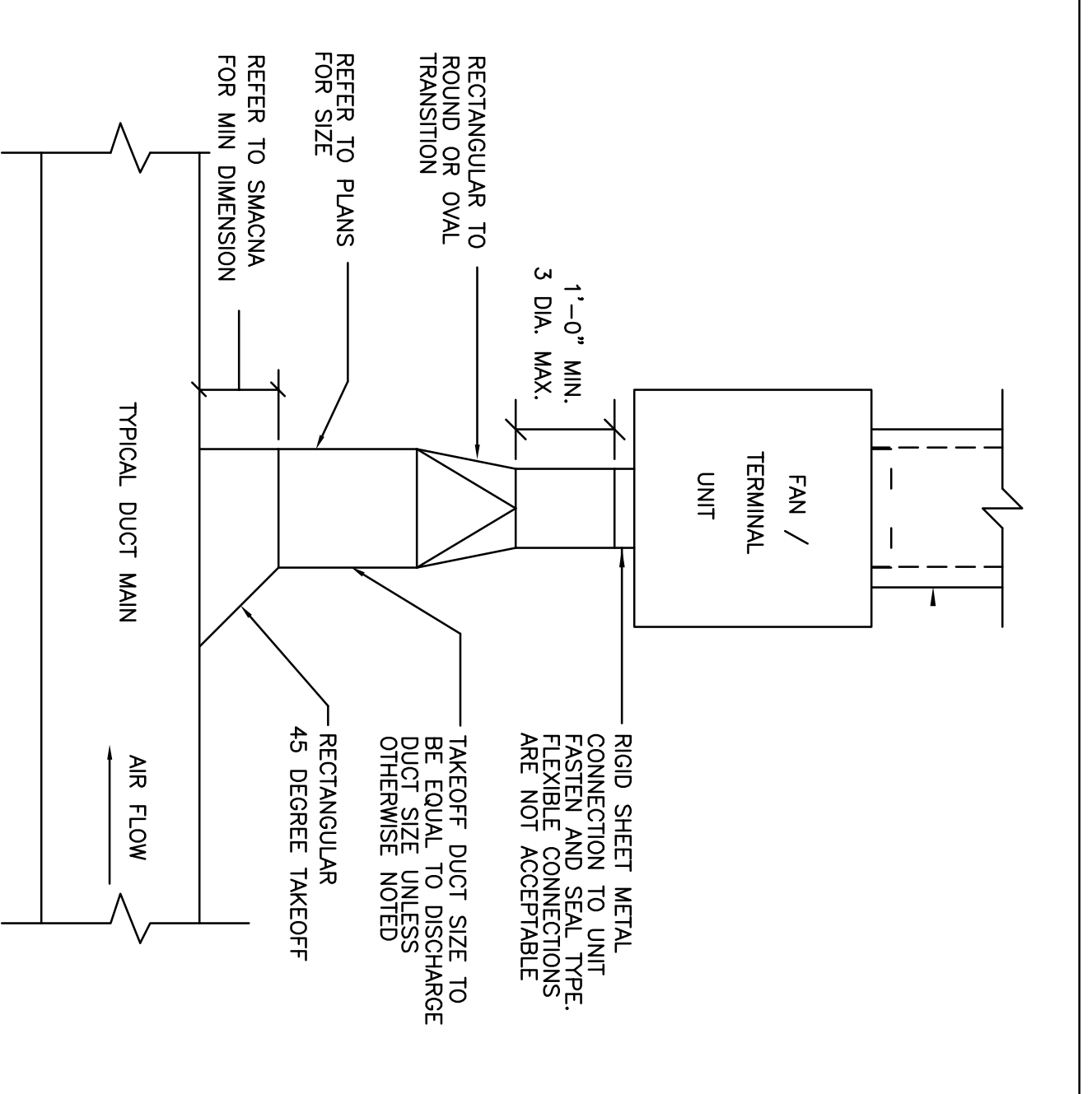
SCALE: NONE



- KEYNOTES:
1. 1/2" DRAIN VALVE WITH HOSE CONNECTION.
  2. MANUAL AIR VENT.
  3. UNION, DIELECTRIC TYPE IF CONNECTION IS OF DISSIMILAR METALS.
  4. FAN CONNECTION VALVE SEE SPEC.
  5. FAN CONNECTION VALVE SEE SPEC.
  6. STRAINER WITH BLOW DOWN VALVE. PROVIDE HOSE CONNECTION.
  7. BALANCING VALVE MANUFACTURED BY ARMSTRONG MODEL CBV.
  8. PRESSURE AND TEMPERATURE TEST PLUGS.
  9. GENERAL NOTES.
- GENERAL NOTES:
- A. LOCATE PIPE UNIONS AND ARRANGE PIPING TO FACILITATE COIL REMOVAL.
  - B. UNIONS (OR FLANGED BODY) REQUIRED TO PERMIT REMOVAL OF CONTROL VALVES.
  - C. PROVIDE SIMILAR PIPING ARRANGEMENTS ON EACH SIDE FOR TWO SECTION WIDE.
  - D. SUPPLY WATER SHALL BE CONNECTED TO AIR LEAVING SIDE OF COIL.

**2** FANCOIL/DUCT COIL DETAIL WITH 2-WAY VALVE

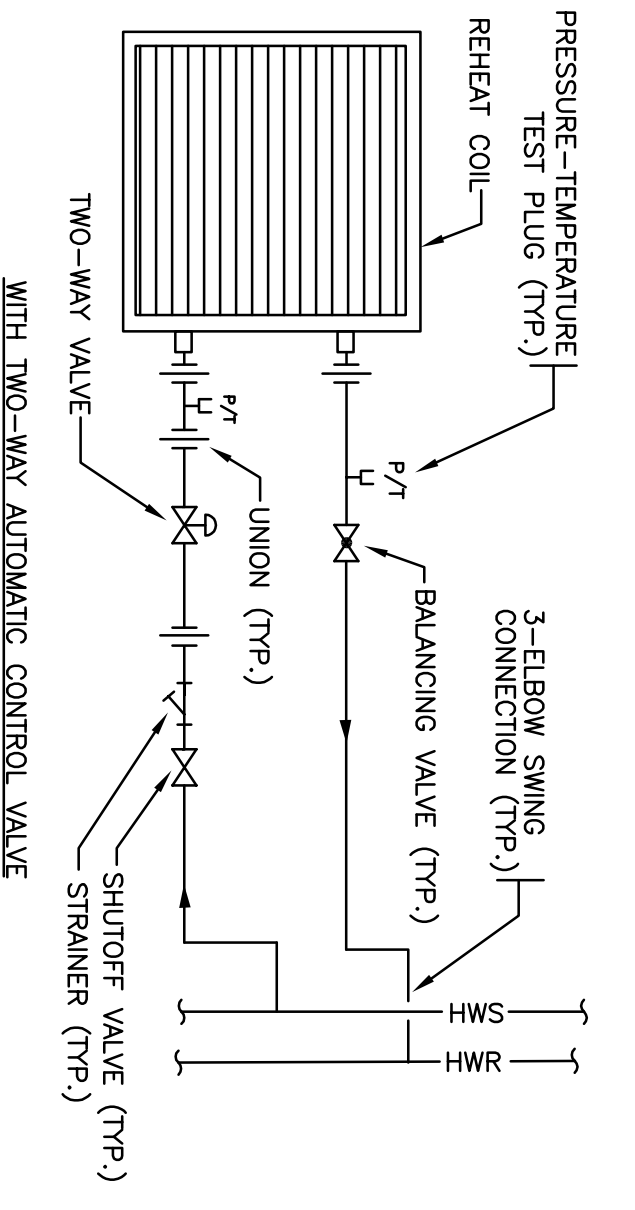
SCALE: NONE



- NOTES:
1. THIS DETAIL SHALL BE APPLIED TO ALL AIR TERMINAL UNITS, WITH OR WITHOUT A FAN
  2. FAN POWERED TERMINAL UNITS ARE ASSUMED TO HAVE INTERNAL VIBRATION ISOLATORS

**3** FAN TERMINAL UNIT DETAIL

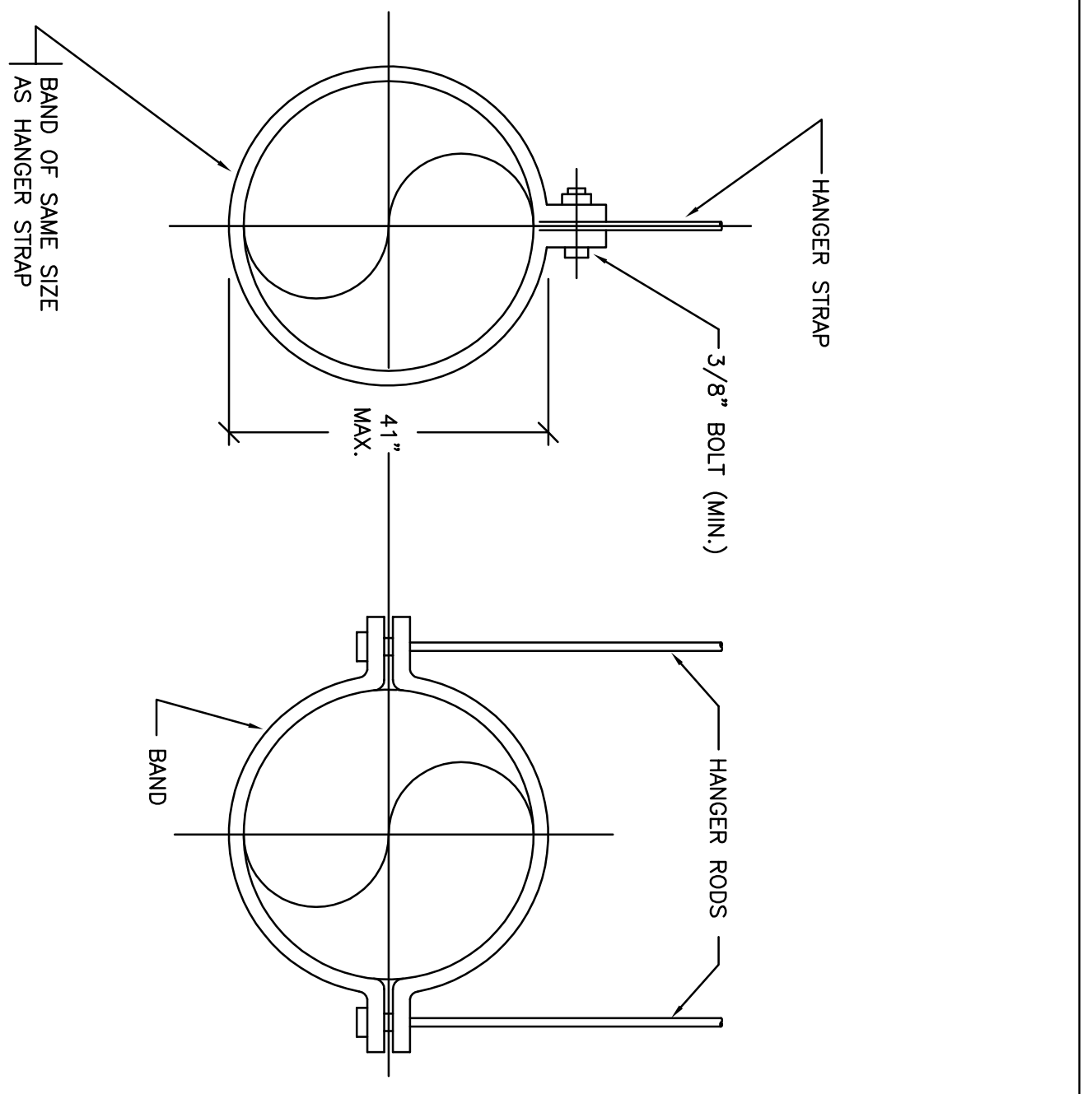
SCALE: NONE



- NOTES:
1. PROVIDE MANUAL AIR VENTS AS REQUIRED.
  2. PROVIDE FULL LINE SIZE BALANCING VALVE, SHUT-OFF VALVE AND STRAINER.

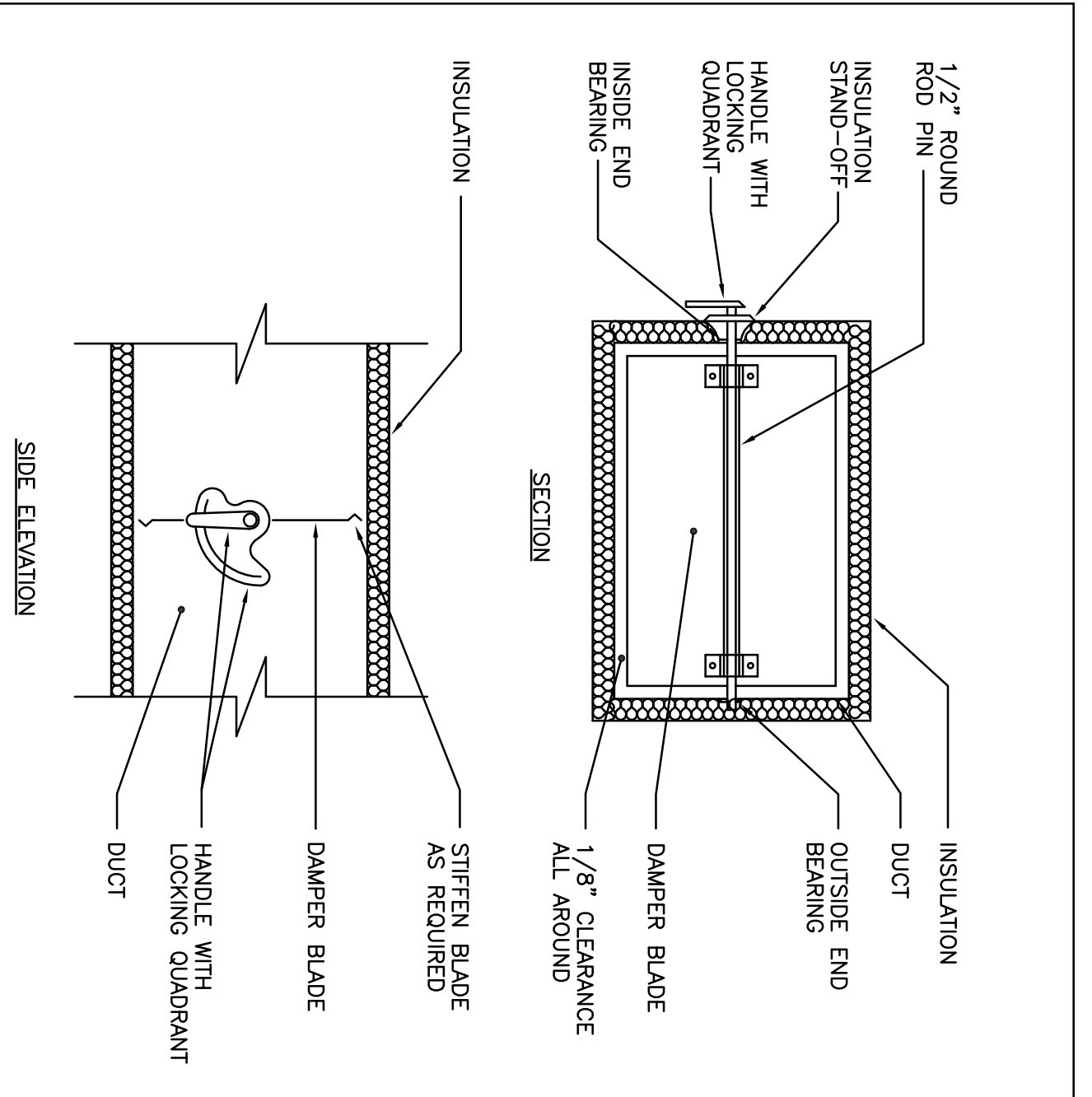
**4** HOT WATER REHEAT COIL PIPING

SCALE: NONE



**5** ROUND DUCT HANGERS

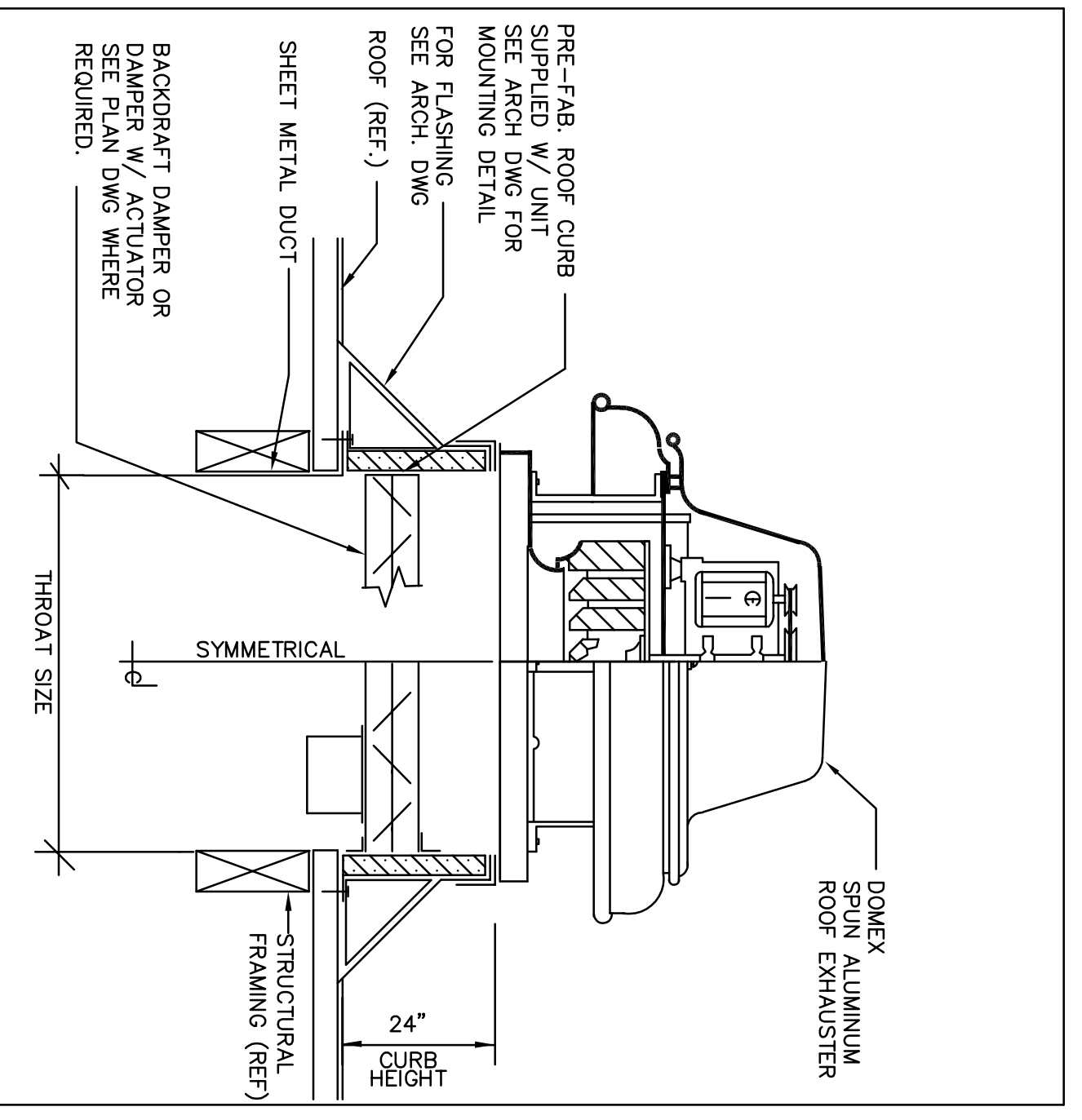
SCALE: NONE



- NOTES:
1. DETECT INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
  2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

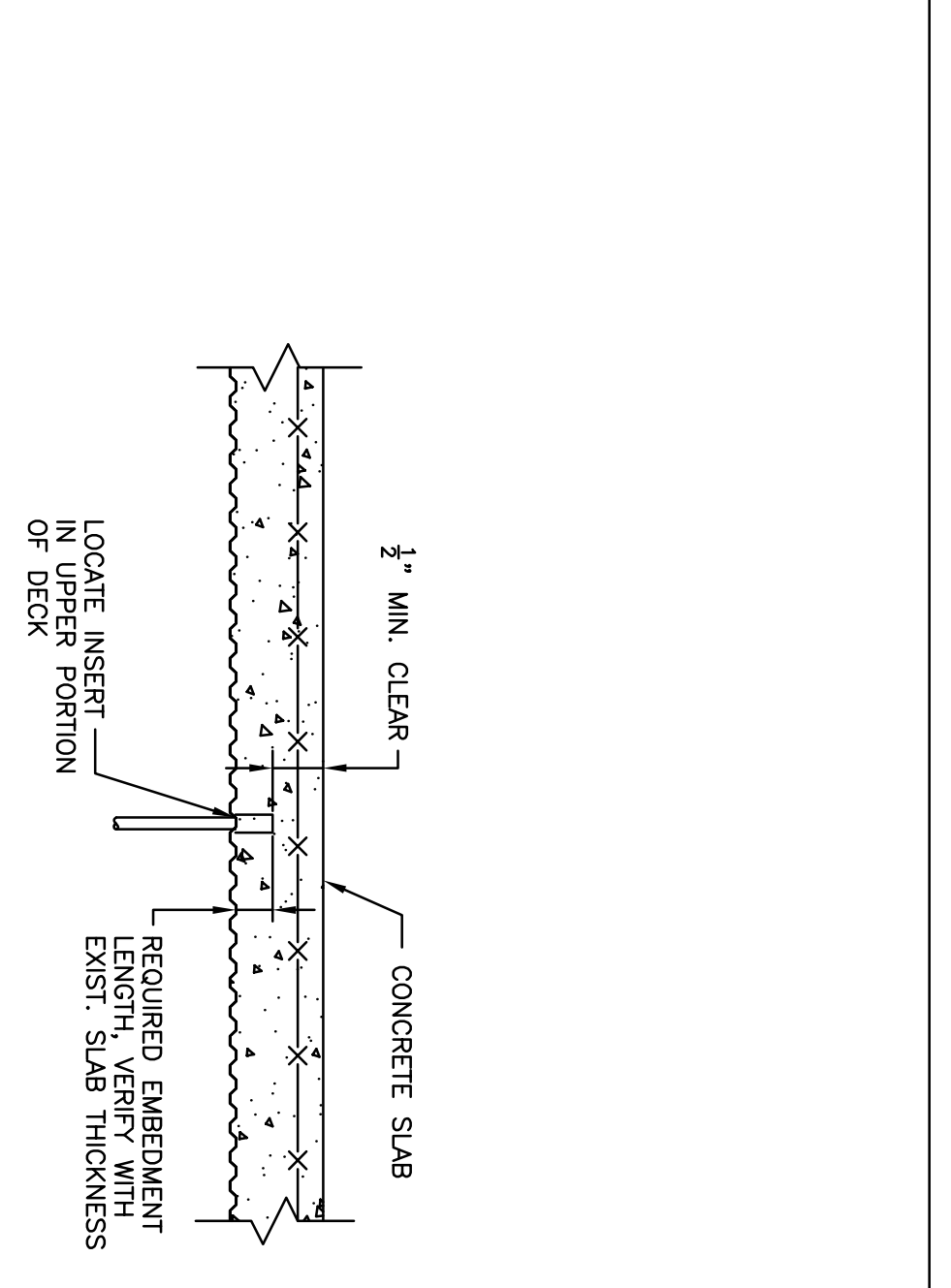
**6** VOLUME DAMPER DETAIL

SCALE: NONE



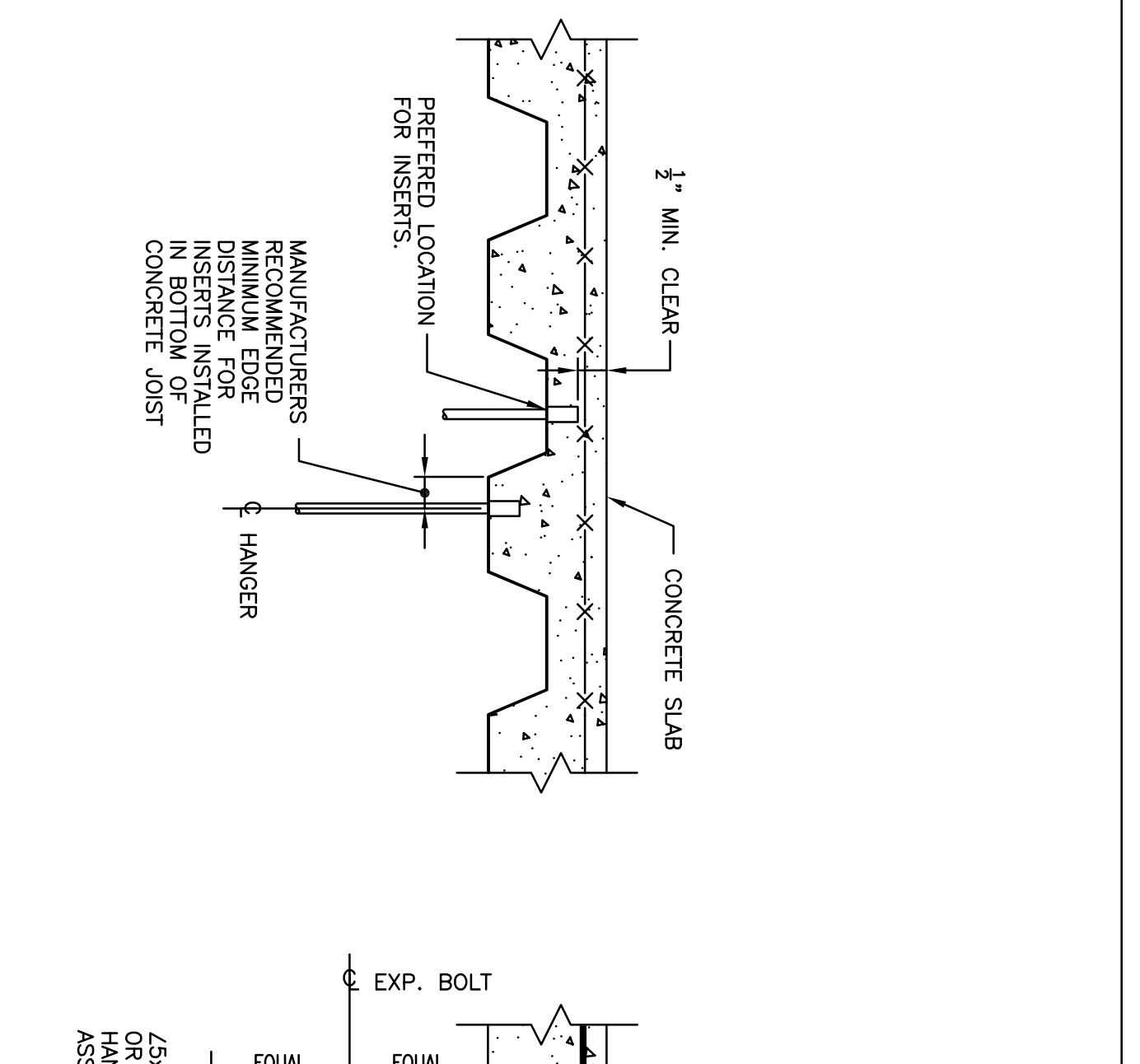
**7** EXHAUST FAN - ROOF MOUNTED INSTALLATION

SCALE: NONE



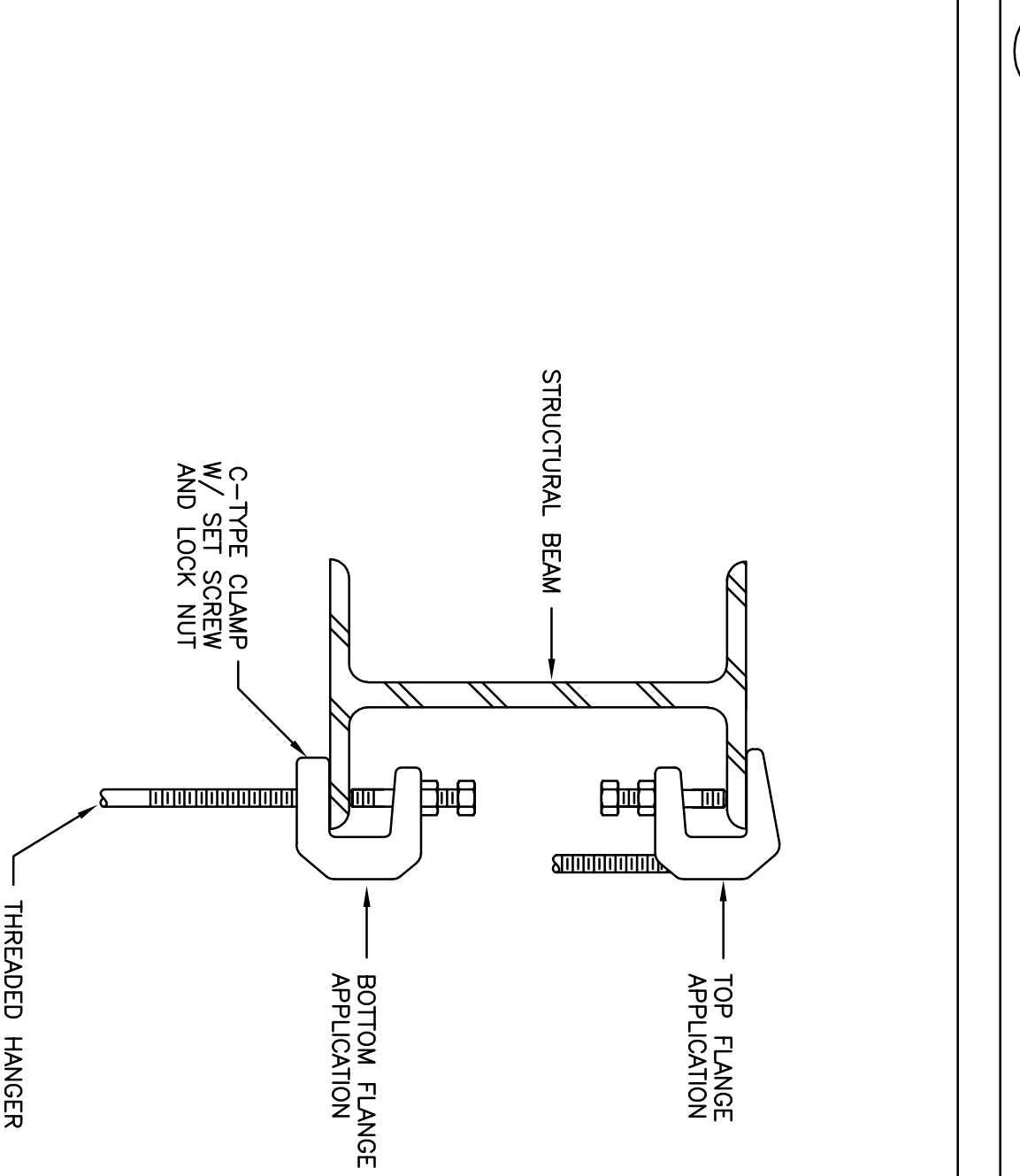
**8** FLOOR HANGING DETAILS

SCALE: NONE



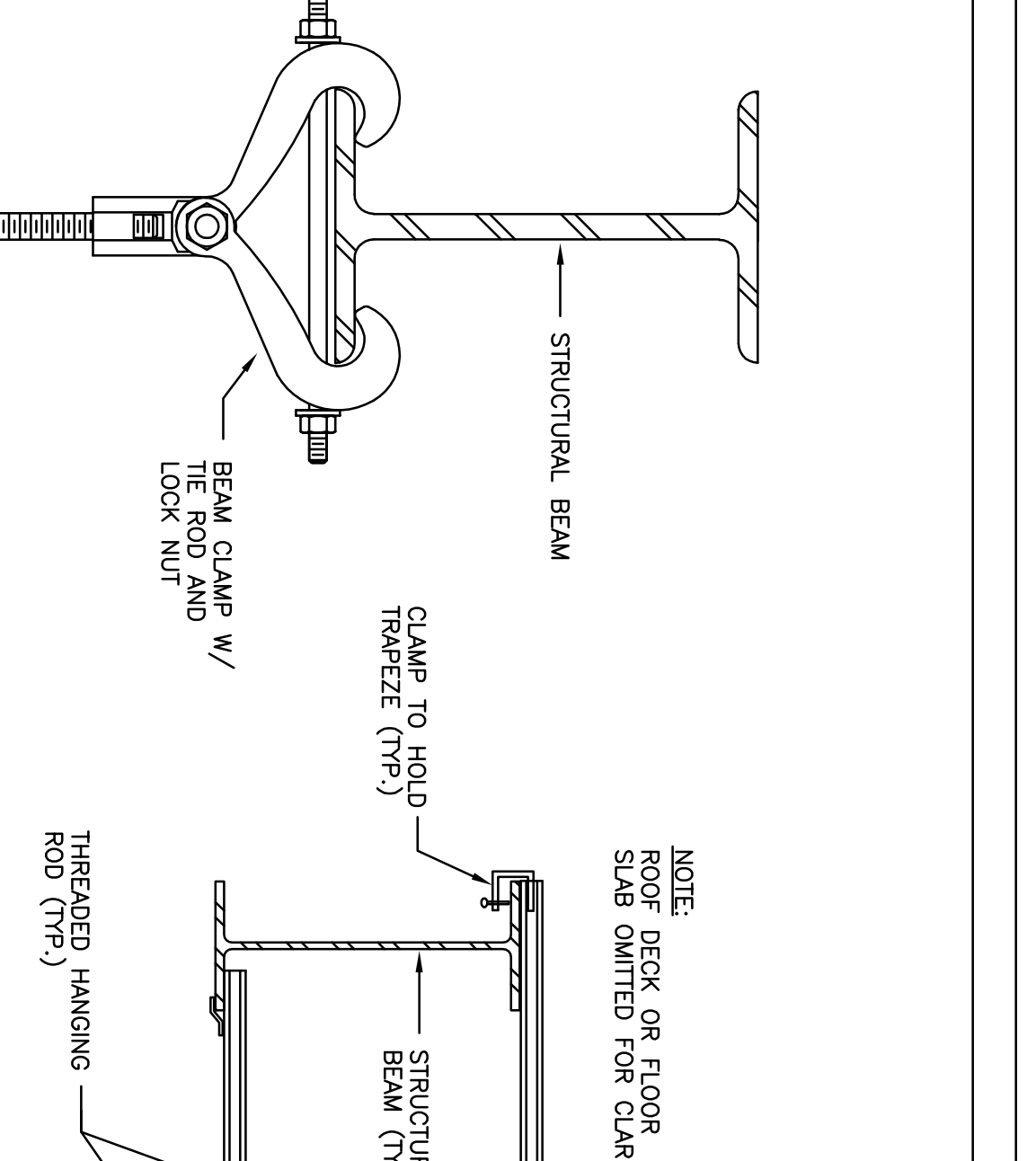
**8** FLOOR HANGING DETAILS

SCALE: NONE



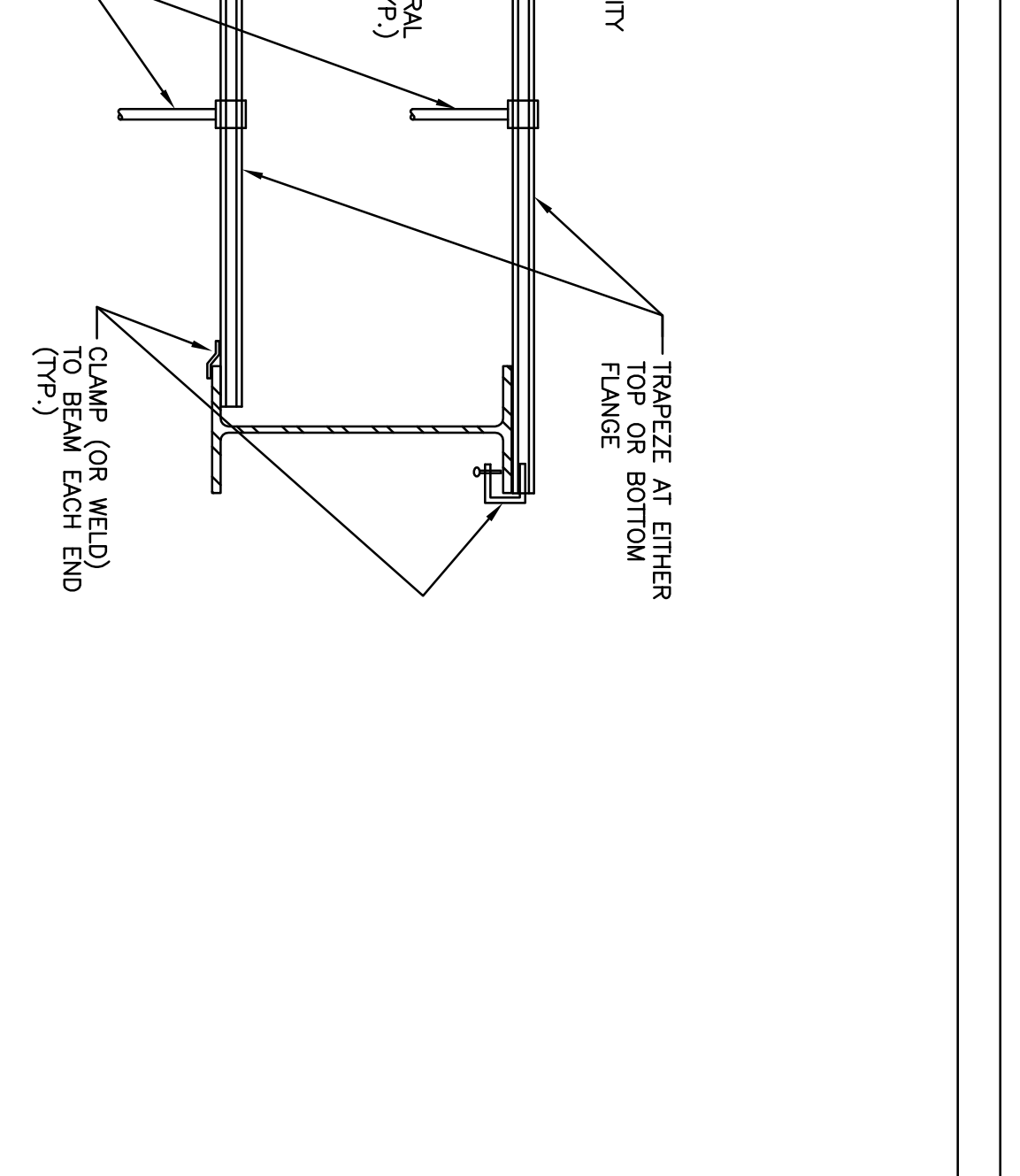
**9** BEAM HANGING DETAILS

SCALE: NONE



**9** BEAM HANGING DETAILS

SCALE: NONE



**9** BEAM HANGING DETAILS

SCALE: NONE

NO.	DATE	DESCRIPTION
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PORTLAND, MAINE

RESEARCH WING  
PHASE III FIT-OUT

DETAILS  
SHEET 2 OF 4

SCALE: AS NOTED

DRAWN BY: TV

CHECKED BY: PHOL ARCH/ENGR, GJI

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