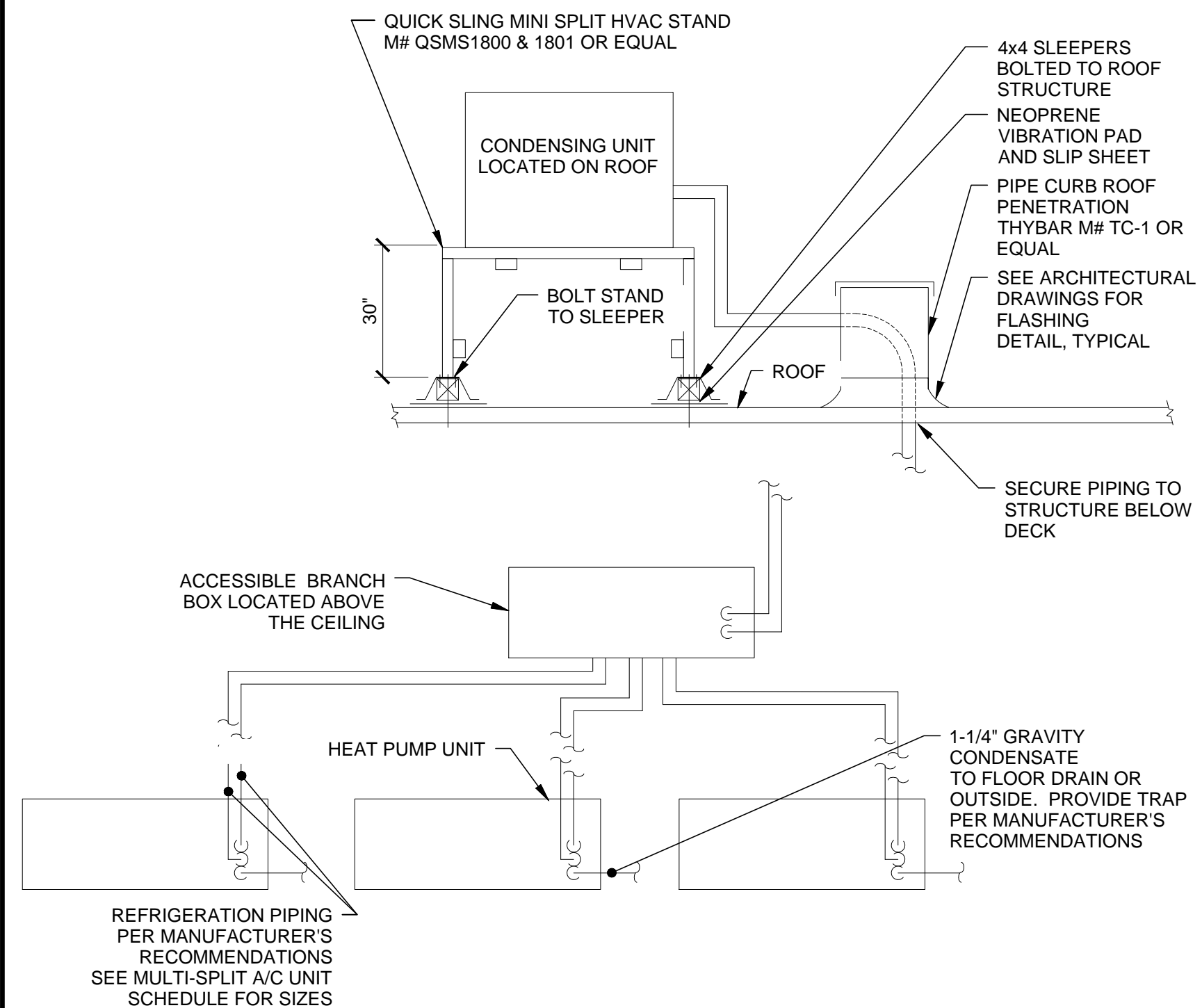
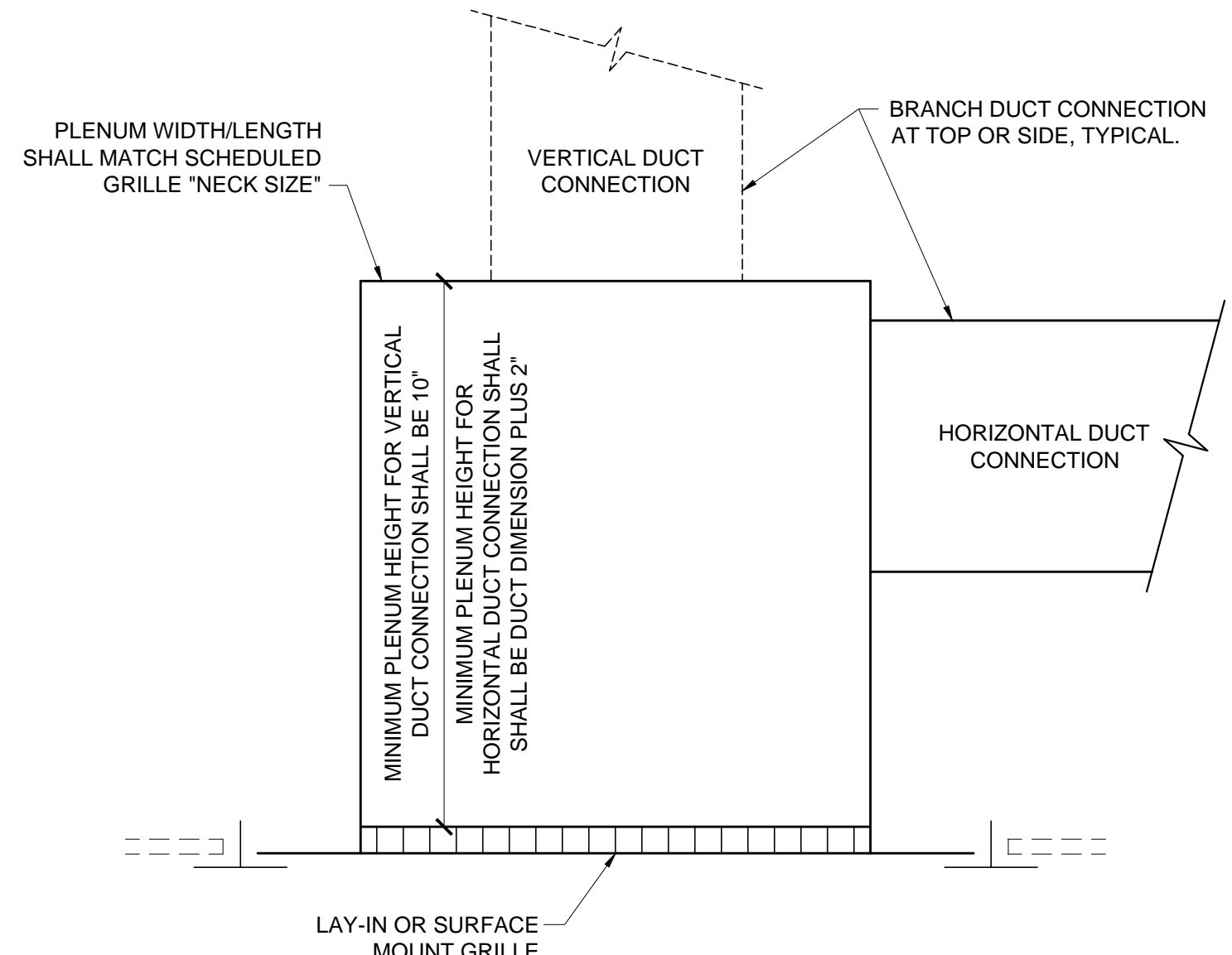


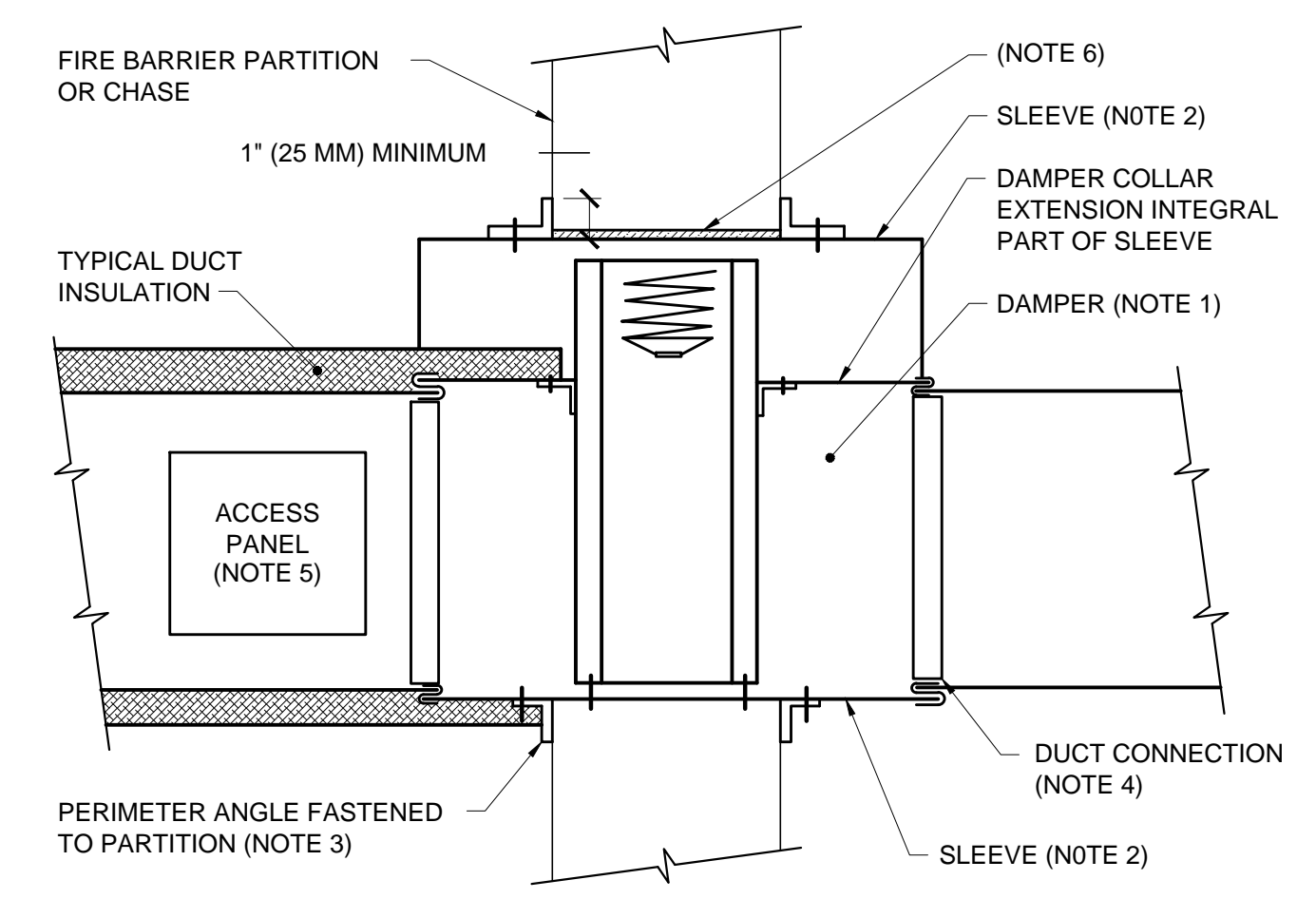
- FLEX DUCT NOTES:**
1. FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
 2. FLEX DUCT SHALL HAVE A MAXIMUM OF 1/2" SAG PER FOOT OF SUPPORT SPACING.
 3. CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING, PARTICULARLY IN FIRE RATED FLOOR-CEILING ASSEMBLIES.
 4. MINIMUM κ BEND RADIUS (R) SHALL BE EQUAL TO OR GREATER THAN THE FLEX DUCT DIAMETER (D), TYPICAL.



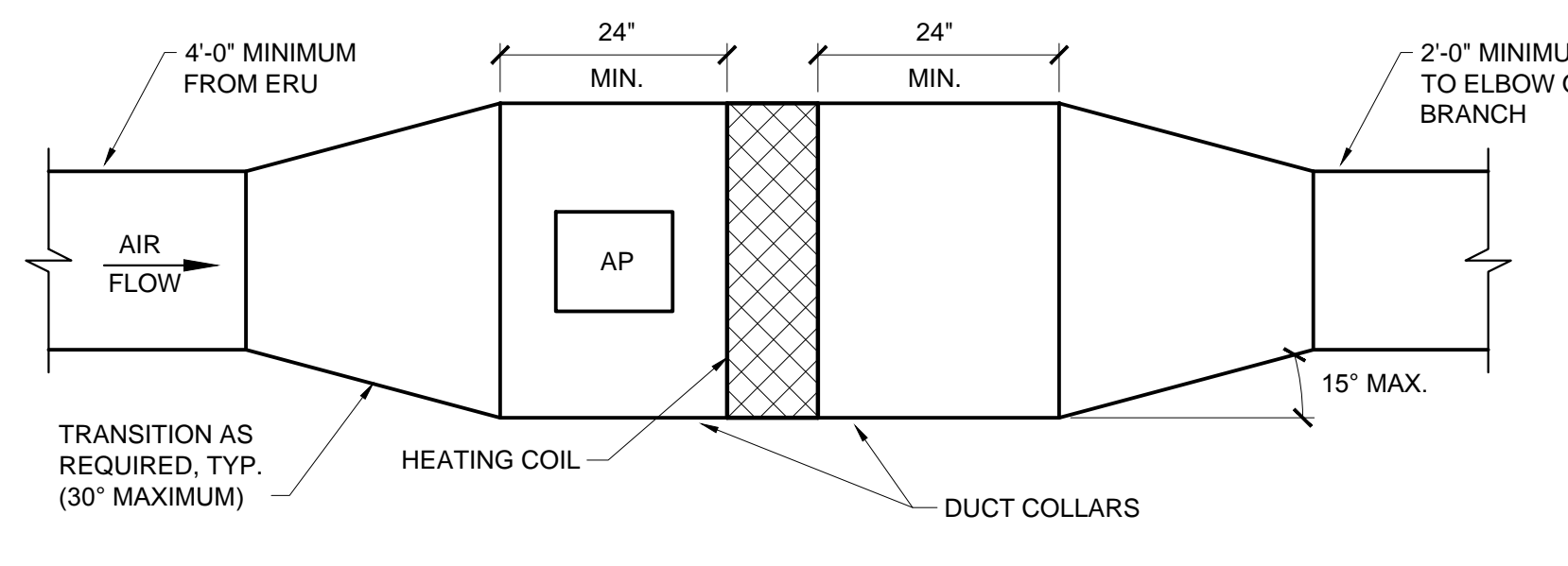
E1 DETAIL - SUPPLY AIR BRANCH CONNECTION
NO SCALE

E5 DETAIL - RETURN AIR REGISTER BOOT
NO SCALE

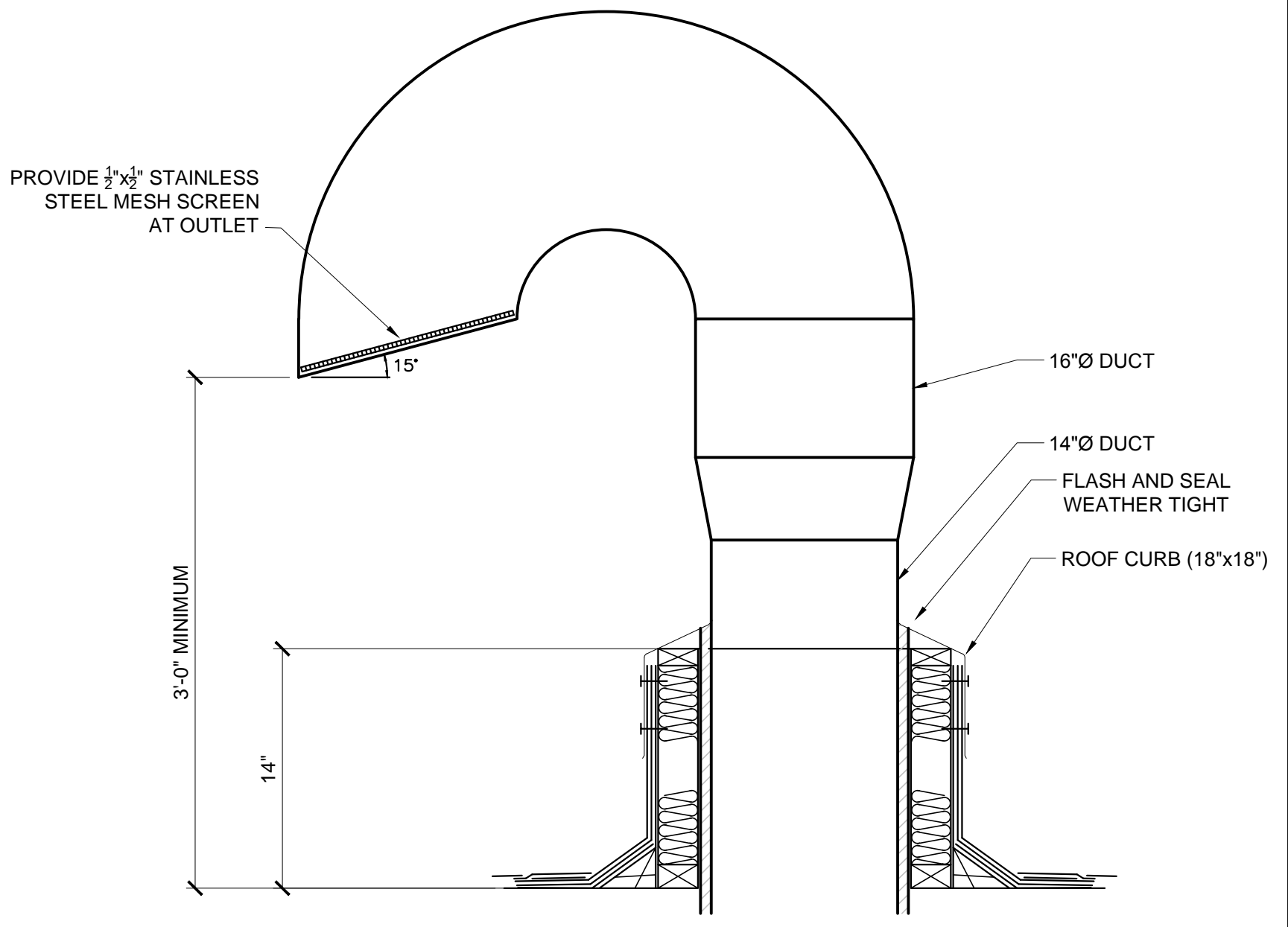
E8 DETAIL - HEAT PUMP AND CONDENSING UNIT PIPING
NO SCALE



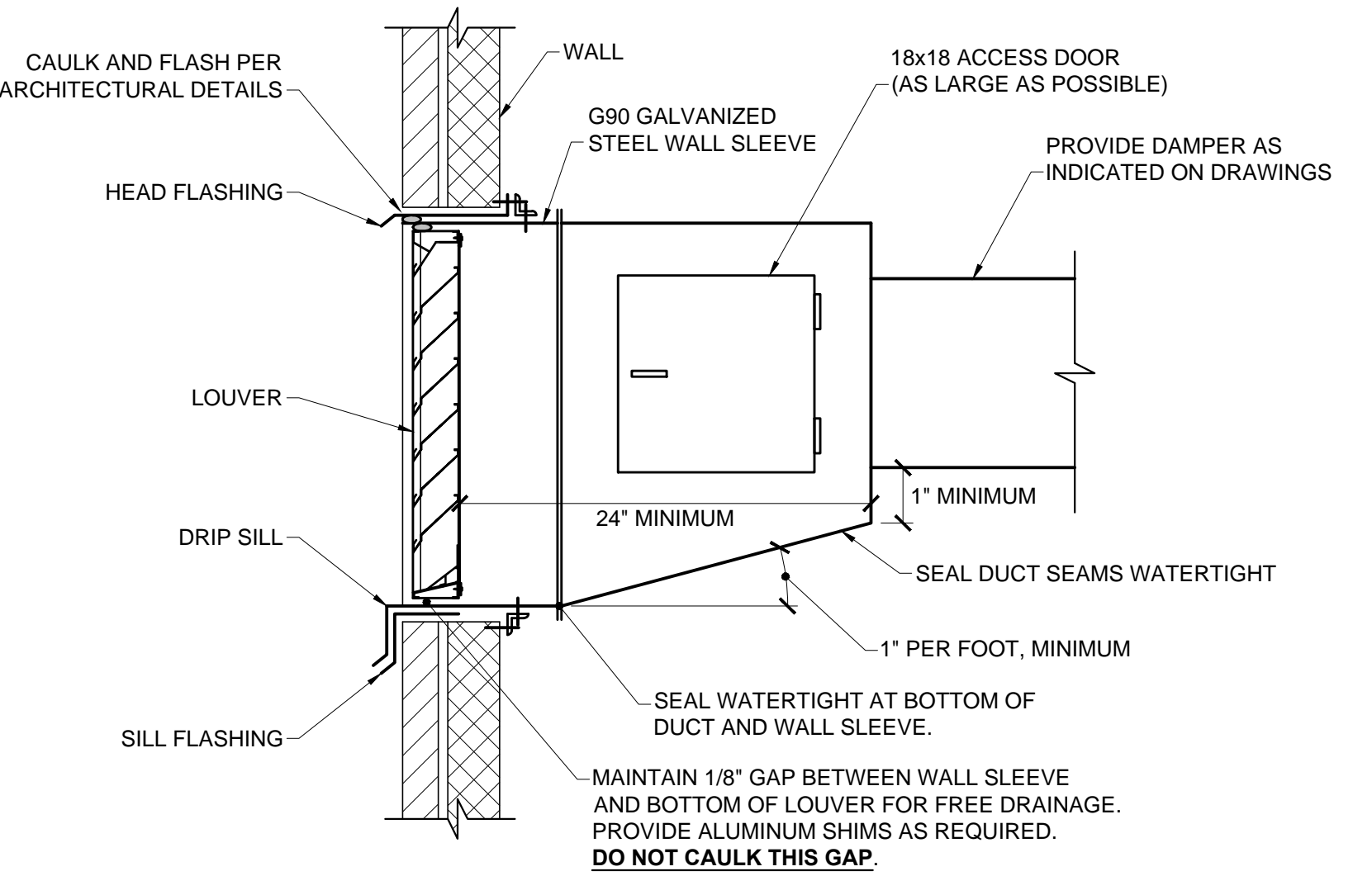
- NOTES:**
1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION IS SIMILAR, FOLLOW MANUFACTURER'S INSTRUCTIONS, INCLUDING FASTENER OPTIONS AND GAGES FOR SLEEVE AND PERIMETER ANGLES. FIRE DAMPERS MUST BE INSTALLED IN THE PARTITION OR FLOOR AND NOT OUTSIDE THE PENETRATION.
 2. GALVANIZED SLEEVE: GAGE NOT LESS THAN CONNECTING DUCT. FASTEN SLEEVE TO DAMPER FRAME AND TO PERIMETER ANGLES.
 3. PERIMETER ANGLES: GALVANIZED STEEL, NOT LESS THAN 1-1/2" x 1-1/2" (40x40 MM), 14 GAGE, TO PROVIDE 1" (25 MM) MINIMUM OVERLAP OF OPENING ON ALL 4 SIDES.
 4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SMACNA LPDS, FIG. 2-13. SEAL JOINTS.
 5. ACCESS PANELS: SIZE AND LOCATION TO PERMIT SERVICING THE FUSIBLE LINK OR LINKS.



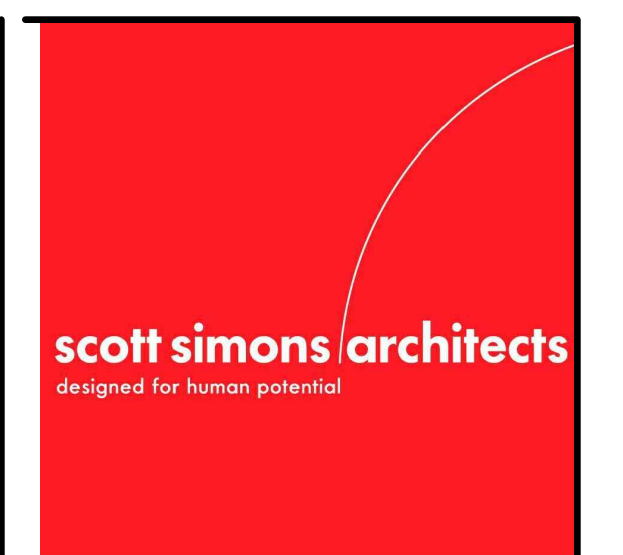
C5 DETAIL - AIR INTAKE AND EXHAUST GOOSENECK
NO SCALE



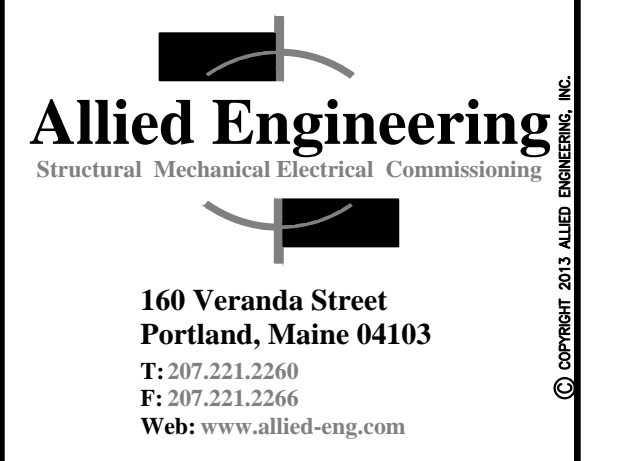
A5 DETAIL - AIR INTAKE AND EXHAUST GOOSENECK
NO SCALE



A8 DETAIL - EXTERIOR LOUVER INSTALLATION
NO SCALE



Scott Simons Architects
75 York Street, Portland, Maine 04101
www.simonsarchitects.com
207.772.4656

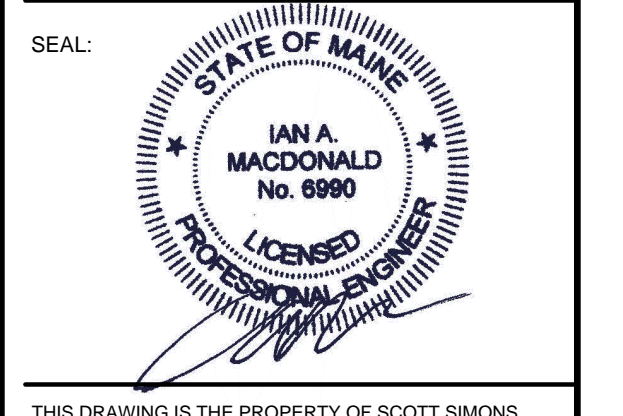


160 Veranda Street
Portland, Maine 04103
T: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com

Allied Project No: 15-023
Cad File: 14023_E.dwg

PATRONS OXFORD OFFICES

PORTLAND TECHNOLOGY PARK
RAND ROAD, PORTLAND, ME



THIS DRAWING IS THE PROPERTY OF SCOTT SIMONS ARCHITECTS (SSA) AND IS NOT TO BE COPIED OR REPRODUCED IN PART OR WHOLE.
©2015 © SCOTT SIMONS ARCHITECTS, LLC

REVISION:

1	DATE
2	DATE
3	DATE
4	DATE
5	DATE
6	DATE

DATE OF ISSUE: 14 January, 2016
PROJECT NUMBER: 2105-0100 Patrons Oxford
STATUS: Construction Documents

MECHANICAL DETAILS

MH-500

N:\Projects\2015\15023 - Patrons Oxford Insurance Building\00 Drawing Files\15023_M.dwg Jan 13, 2016 - 4:07pm