



NORTHFIELD GREEN HOUSING PARTNERS LP.

307 CUMBERLAND AVE
PORTLAND, MAINE 04101

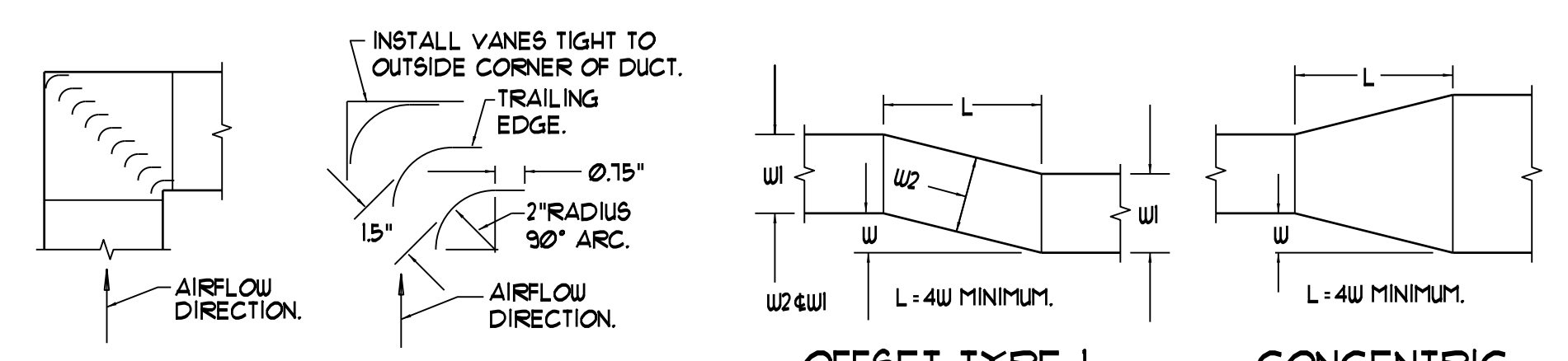
NORTHFIELD GREEN

ALLEN AVENUE
PORTLAND, MAINE 04101

MECHANICAL DETAILS

CWS PROJECT NUMBER: 16.010

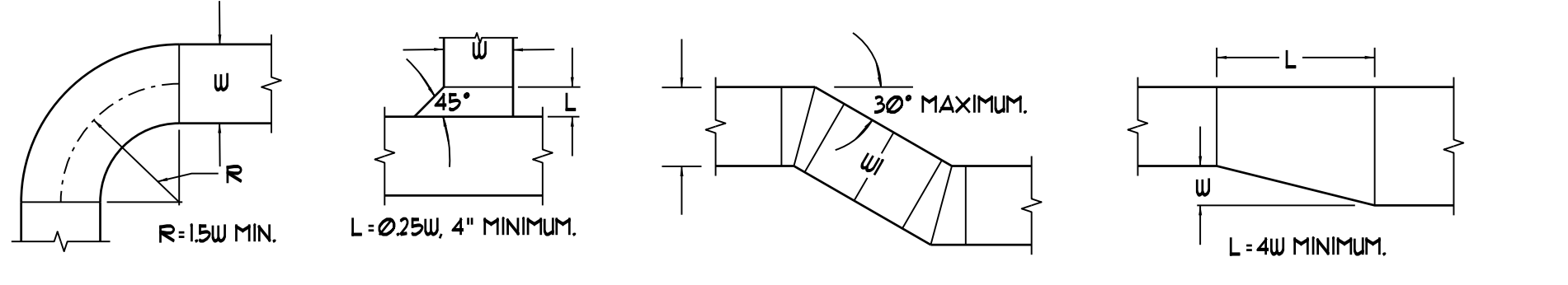
PROGRESS PRINT
NOT FOR CONSTRUCTION



RECT. ELBOW W/TURNING VANES
NTS
NOTE - INSTALL VANE EDGES TO PROJECT TANGENTS PARALLEL TO DUCT SIDES.

OFFSET TYPE 1 (ANGLED)
NTS

CONCENTRIC TRANSITION
NTS



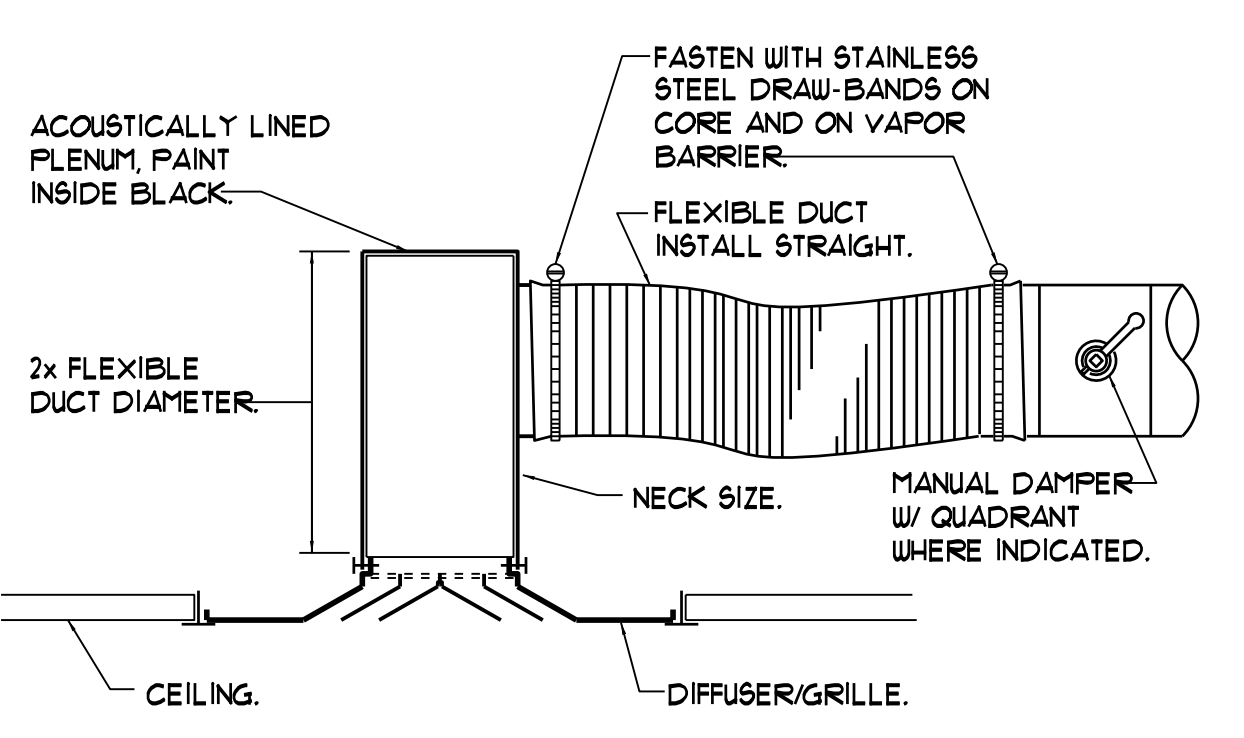
RADIUS ELBOW
NTS

RECTANGULAR TAP 45 DEGREE ENTRY
NTS

OFFSET TYPE 2 (MITERED)
NTS

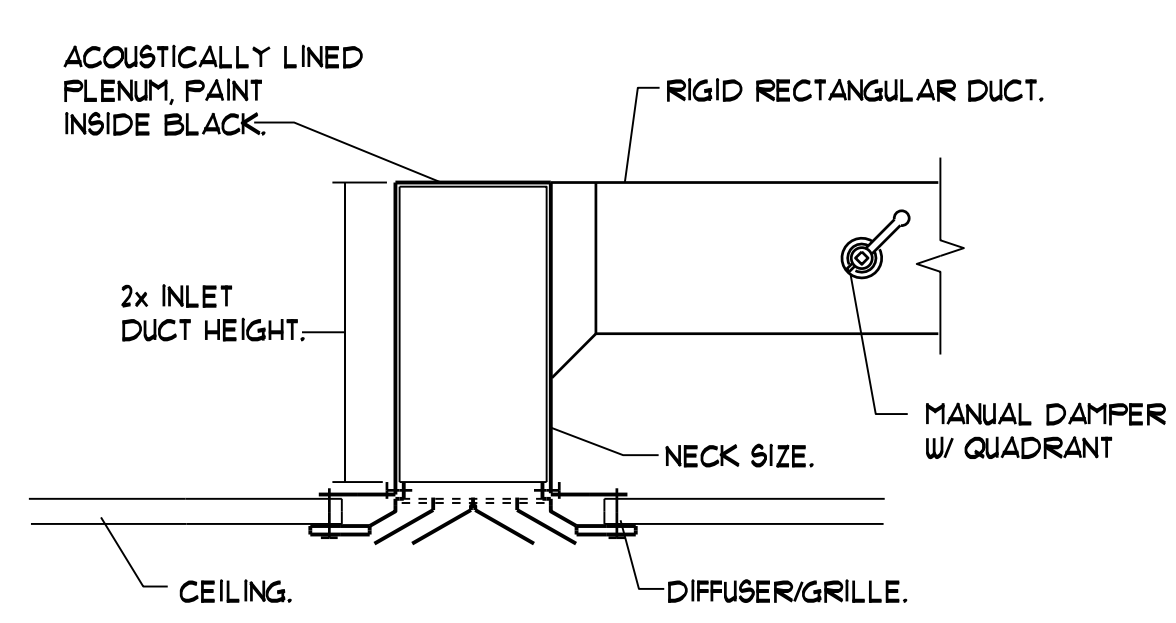
ECCENTRIC TRANSITION
NTS

LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL
NTS

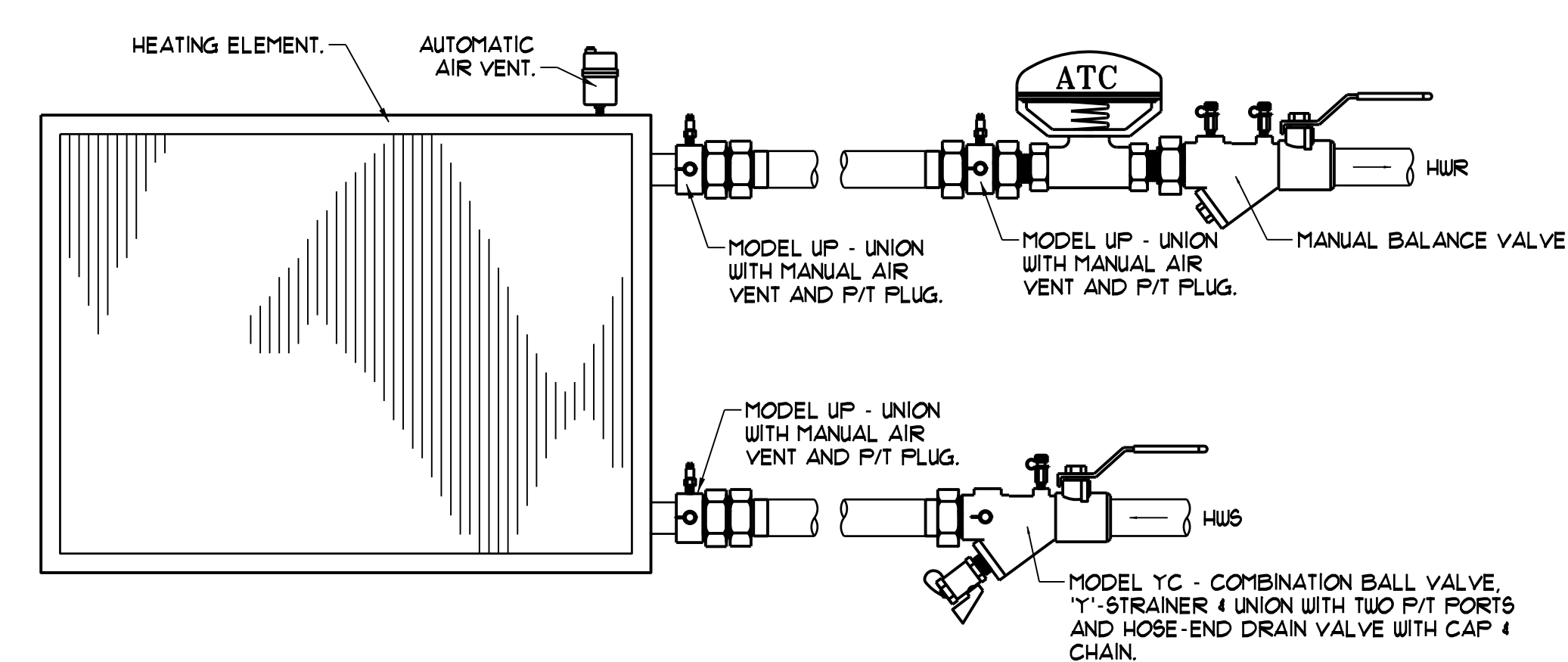


DIFFUSER/RETURN CONNECTION DETAIL
NTS

NOTE: DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM.

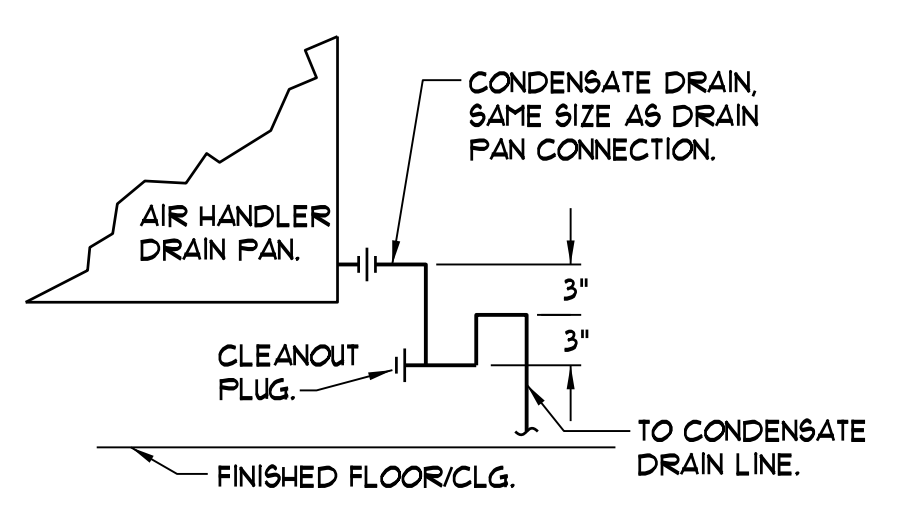


DIFFUSER/GRILLE CONNECTION DETAIL
NTS

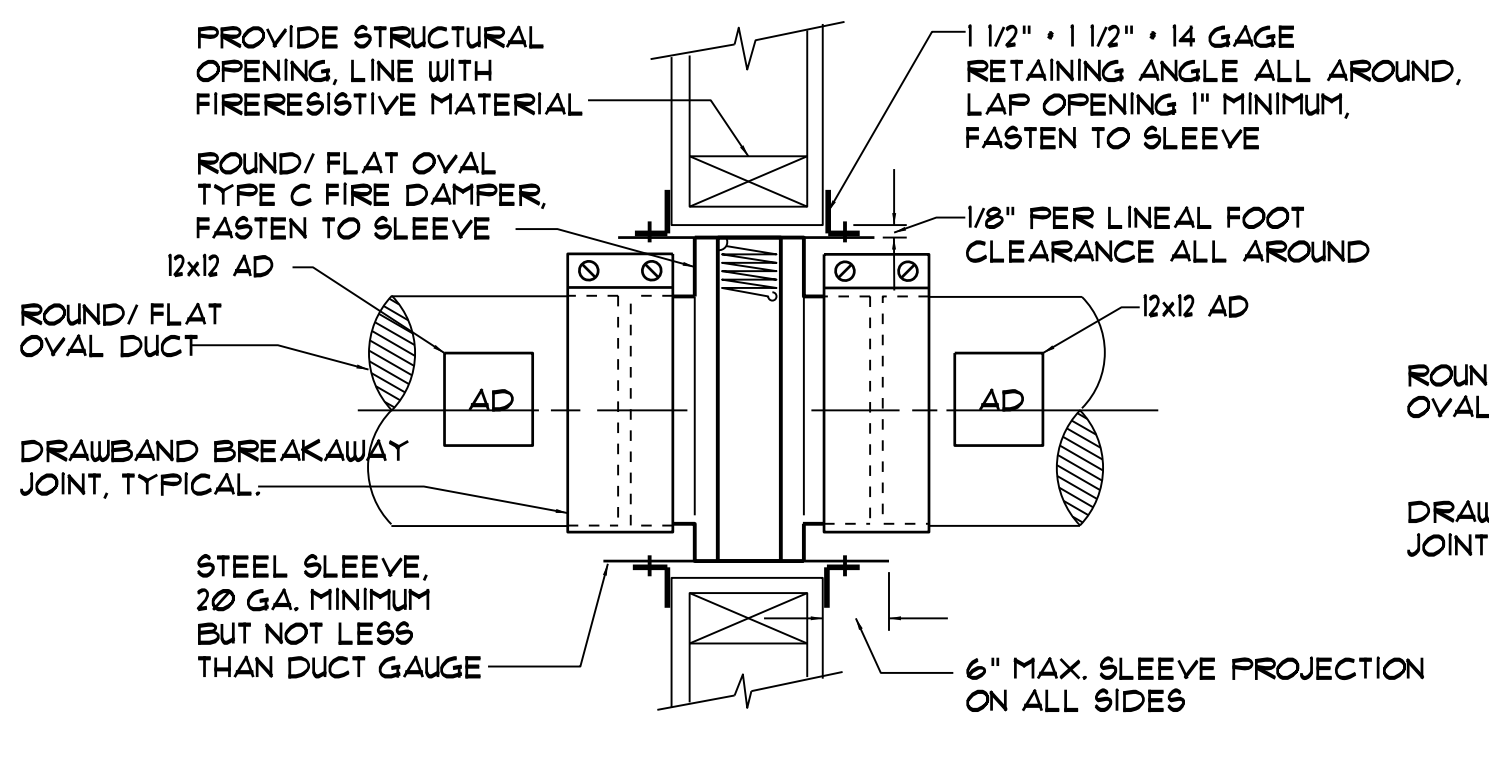


PIPING SCHEMATIC W/ 2-WAY VALVE
NTS

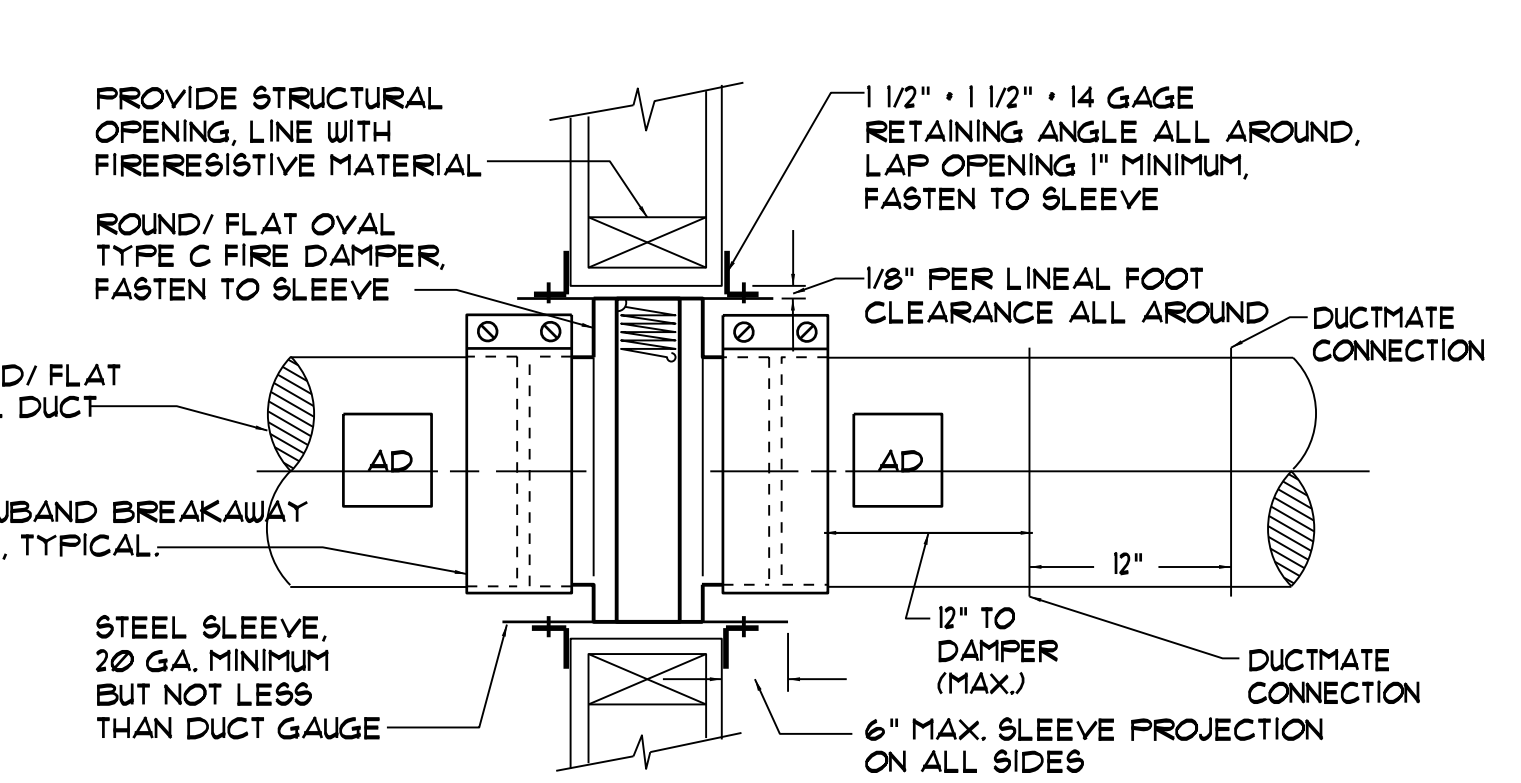
NOTE - MODEL NUMBERS BASED ON FLOW DESIGN INC. FOR PIPE SIZES 2" AND SMALLER.
NOTE - DETAIL APPLIES TO FIN-TUBE RADIATION AND HEATING COILS.



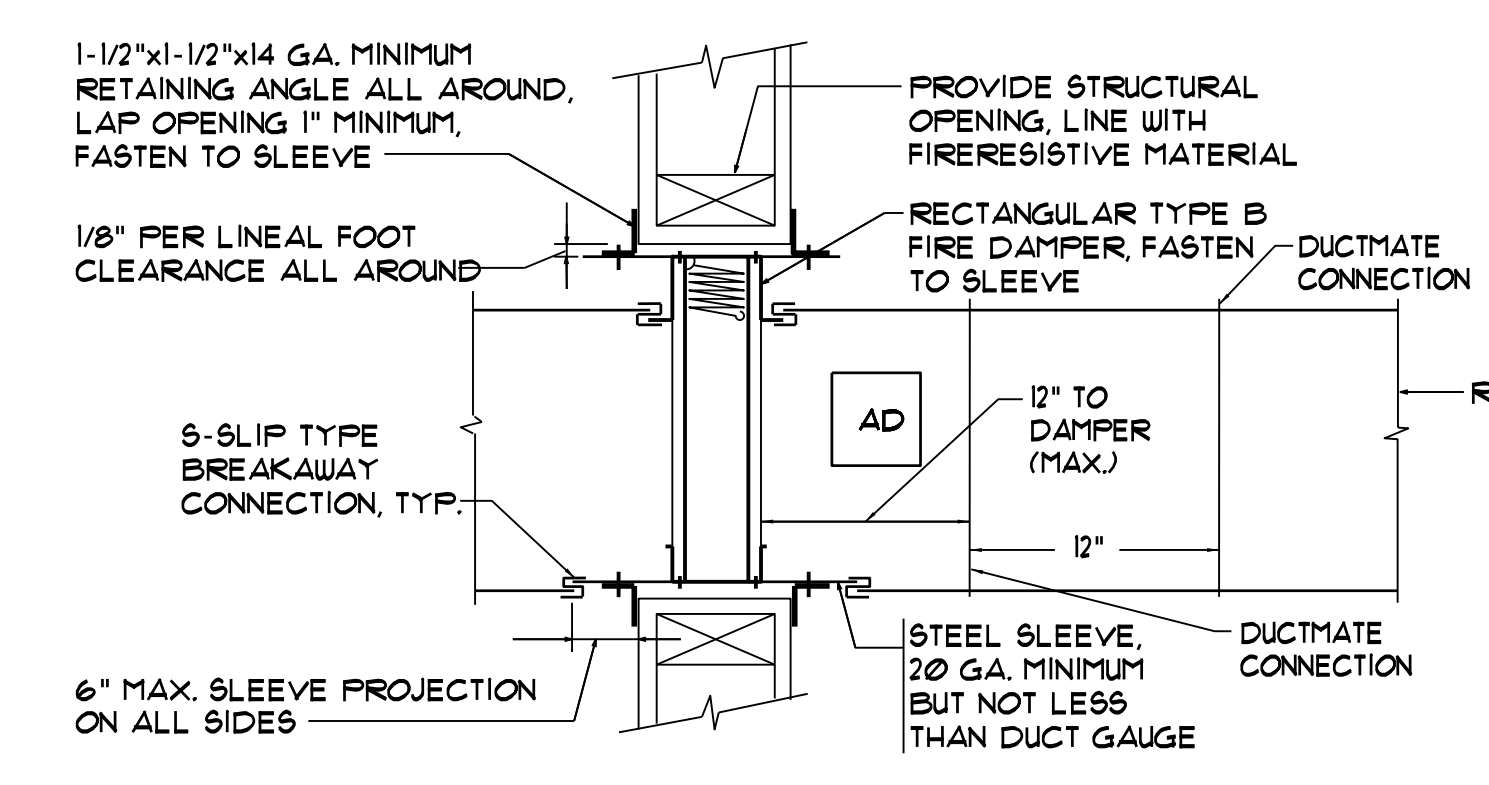
CONDENSATE TRAP DETAIL
NTS
NOTE - CAP UNUSED DRAIN PAN CONNECTIONS.



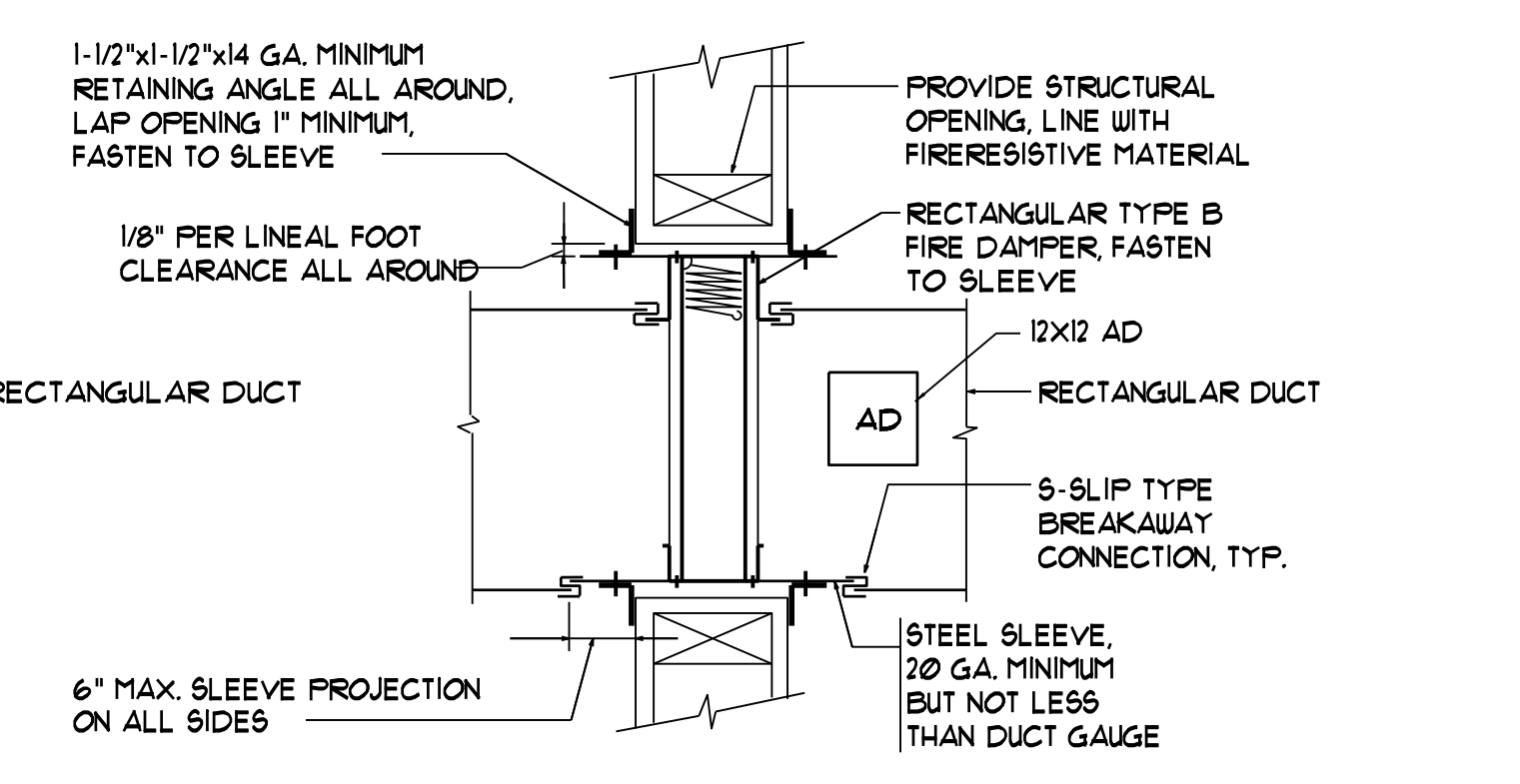
ROUND/FLAT OVAL FIRE DAMPER INSTALLATION DETAIL WHERE A 12X12 ACCESS DOOR IS NOT POSSIBLE
NTS



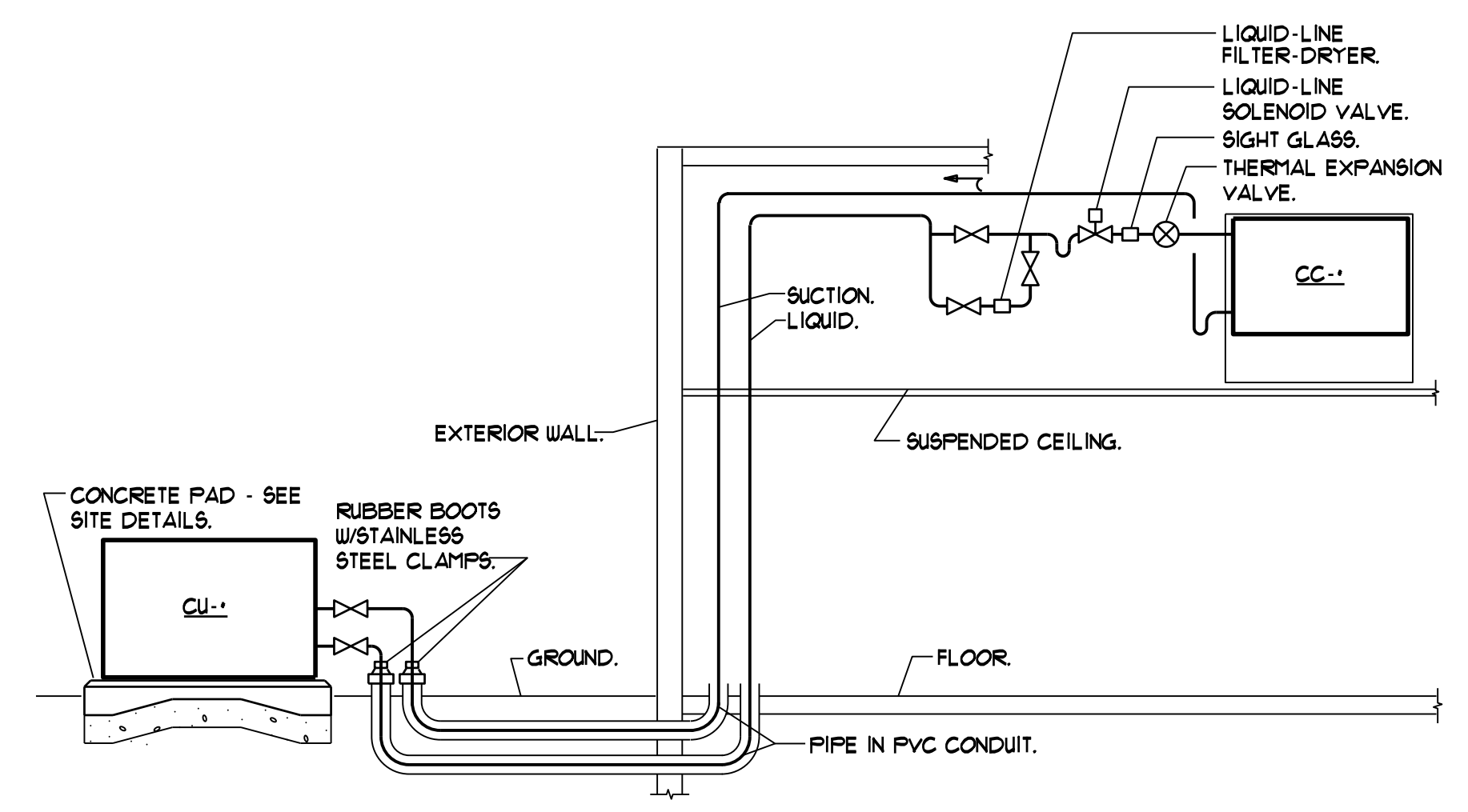
ROUND/FLAT OVAL FIRE DAMPER INSTALLATION DETAIL WHERE A 12X12 ACCESS DOOR IS NOT POSSIBLE
NTS



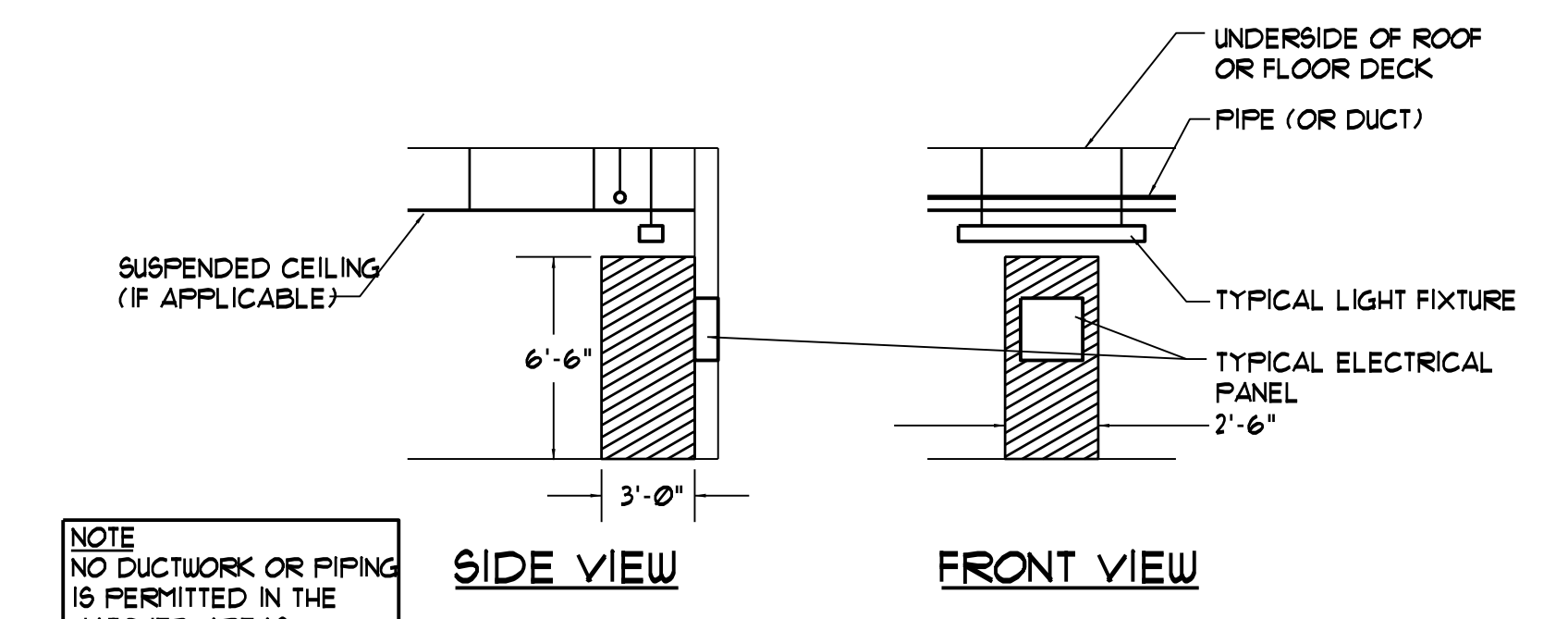
RECTANGULAR FIRE DAMPER INSTALLATION DETAIL WHERE 12X12 ACCESS DOOR IS NOT POSSIBLE
NTS



RECTANGULAR FIRE DAMPER INSTALLATION DETAIL
NTS



REFRIGERANT PIPING DETAIL
NTS
NOTE: USE FLEX CONNECTORS AT AIR HANDLER AND CONDENSING UNIT IF THESE UNITS ARE EXTERNALLY VIBRATION ISOLATED.



CLEARANCES AT ELECTRICAL PANELS
NTS
NOTE: NO DUCTWORK OR PIPING IS PERMITTED IN THE HATCHED AREAS.
SEE NEC SECTIONS 110.26 AND 408.18 (2014 EDITION)