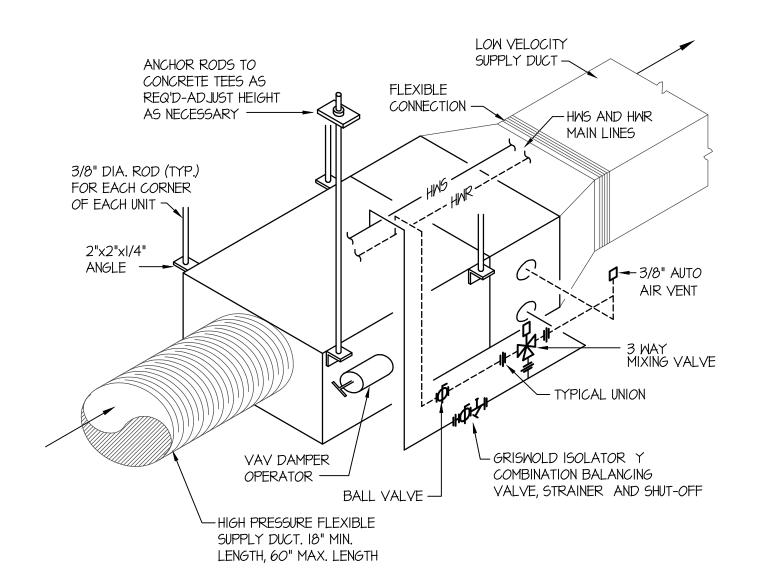
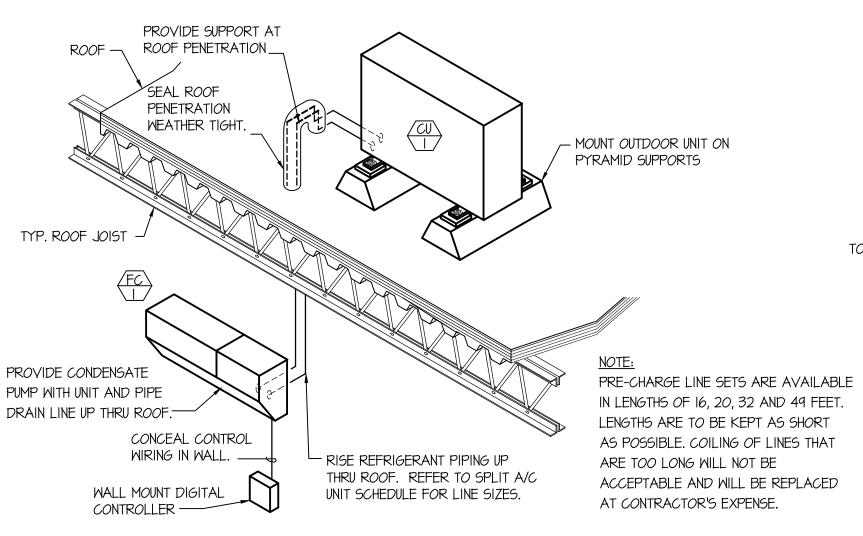
V.A.V. REHEAT BOX (2-WAY VALVE) DETAIL

NO SCALE APPLIES TO ALL VOLUME BOXES UNLESS NOTED (SEE DETAIL BELOW)

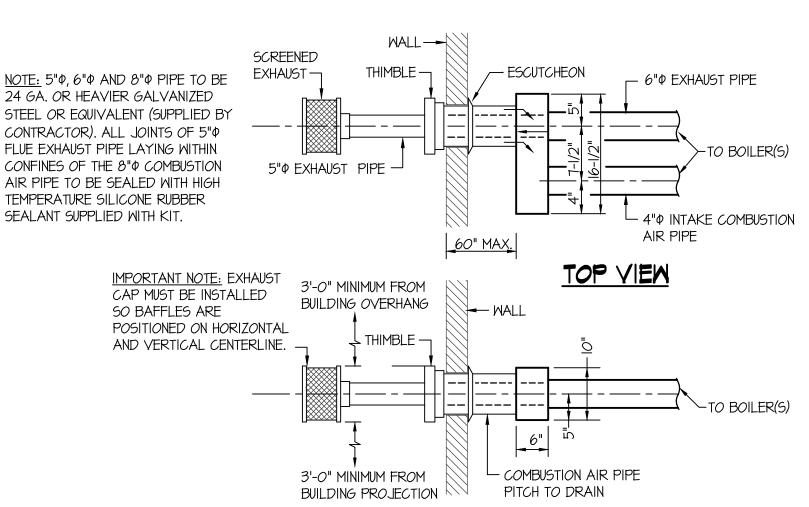


V.A.V. REHEAT BOX (3-WAY VALVE) DETAIL

APPLIES ONLY FOR: \sqrt{VB} $\sqrt{V$

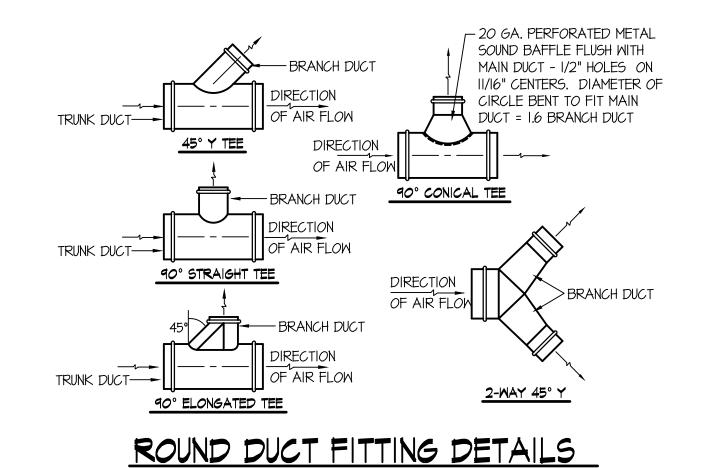


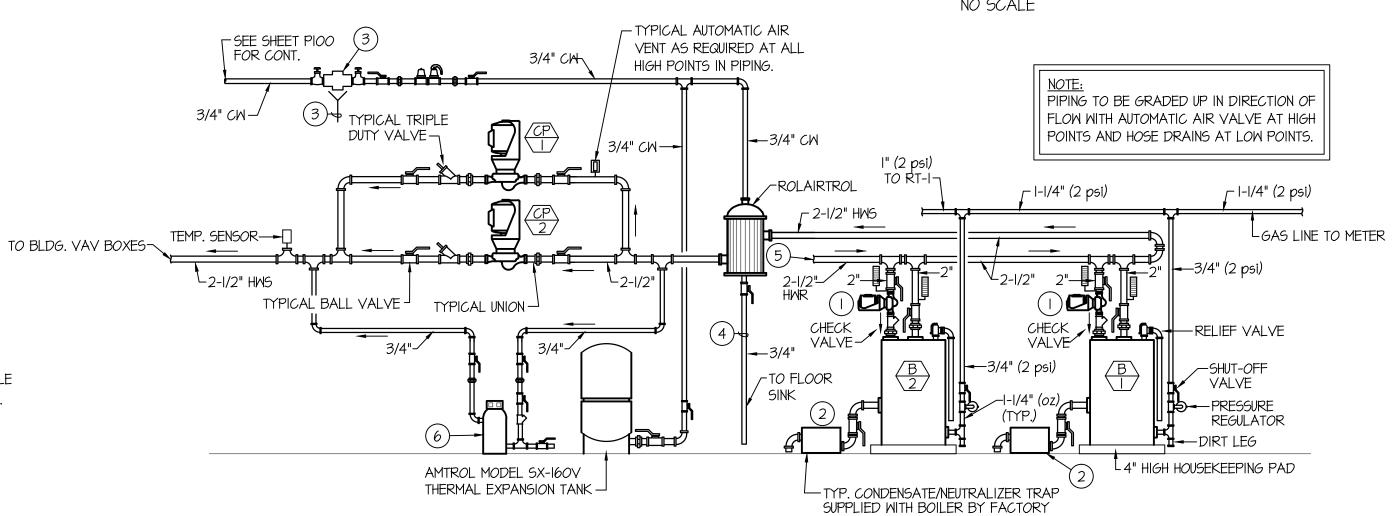
FAN COIL & REFRIGERANT PIPING DETAIL NO SCALE



ELEVATION VIEW

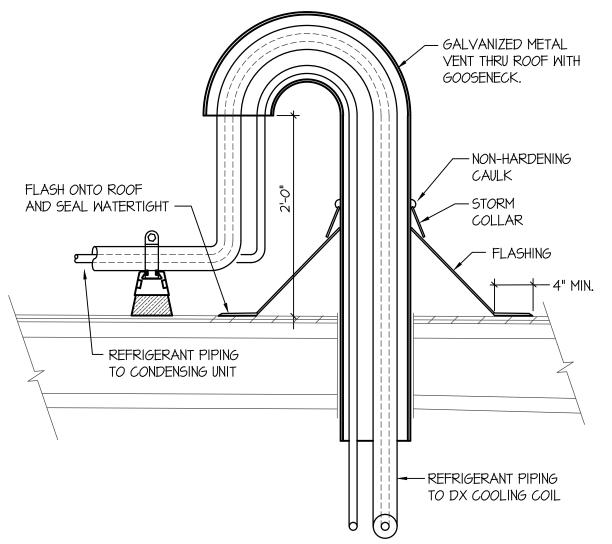
SEPARATED COMBUSTION CONDENSING BOILER FLUE DETAIL NO SCALE



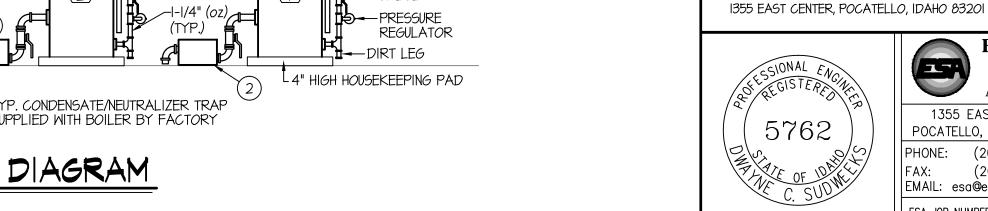


BOILER PIPING DIAGRAM NO SCALE

GRILLE AND REGISTER SCHEDULE BALANCING REMARKS FINISH TYPE SIZE CONSTR. RANGE PATTERN DAMPER DAMPER PRICE MODEL SMD WITH BEVELED FRAME D-I CFM STEEL CEILING 6x6 50-110 MHITE NA NA D-2 CFM PRICE MODEL SMD 9x9 STEEL NA CEILING 110-280 WHITE NA WITH BEVELED FRAME D-3 CFM PRICE MODEL SMD CEILING 9x9 110-280 STEEL WHITE NA NA WITH BEVELED FRAME D-4 CFM PRICE MODEL SMD STEEL CEILING 9x9 110-280 WHITE NA NΑ IN 24x24 LAY-IN MODULE D-5 CFM PRICE MODEL SMD 9x9 110-280 STEEL NA NA CEILING WHITE IN 24x24 LAY-IN MODULE D-6 CFM PRICE MODEL SMD 110-280 STEEL CEILING 9x9 WHITE NA NA IN 24x24 LAY-IN MODULE D-7 CFM PRICE MODEL SMD 275-450 STEEL NA NA l2xl2 WHITE CEILING IN 24x24 LAY-IN MODULE 300 STEEL NA NA MALL 18x6 WHITE PRICE MODEL 520D FR-I CFM 300 ALUM. YES NA PRICE MODEL LBP 25B FLOOR 36x4 ALUM. PRICE MODEL 535 IN 24x24 LAY-IN MODULE R-I CEILING 10x10 100-300 NA STEEL NA NA WHITE PRICE MODEL 535 R-2 450-700 STEEL NA CEILING 16x16 WHITE IN 24x24 LAY-IN MODULE PRICE MODEL 535 R-3 CEILING STEEL WHITE 20x20 700-1000 NA IN 24x24 LAY-IN MODULE PRICE MODEL 535 R-4 HIGH SIDEWALL STEEL WHITE NA 36x12 1000 PRICE MODEL 535 R-5 STEEL CEILING 16x16 450-700 NA NA WHITE



PIPING THRU ROOF DETAIL



PLAN NOTES:

- I) BOILER CIRCULATING PUMP TO BE FURNISHED BY THE FACTORY AND INSTALLED BY THE CONTRACTOR. CONTRACTOR TO ROUGH-IN AND CONNECT ALL PIPING AS SHOWN. INTERLOCK PUMP WITH BOILER OPERATION.
- (2) CONDENSATE TRAP TO BE FURNISHED AS PART OF BOILER SYSTEM. CONNECT TRAP TO BOILER CONDENSATE LINE AND RUN DRAIN LINE FROM TRAP TO NEAREST FLOOR SINK COMPLETE WITH AIR GAP
- (3) 3/4" REDUCED PRESSURE BACKFLOW PREVENTOR ON 3/4" CW MAKE-UP LINE. RUN DRAIN TO FLOOR SINK AND TERMINATE WITH AIR GAP.
- (4) RUN DRAIN LINE TO NEAREST FLOOR SINK AND TERMINATE WITH AIRGAP.
- (5) 2-1/2" HOT WATER RETURN LINE FROM BUILDING VAV
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 ight)$ PROVIDE AND INSTALL CHEMICAL FEED TANK WITH ALL ASSOCIATED VALVES AND PIPING AS SHOWN. SEE SPECIFICATIONS.

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SHEET TITLE:

MECHANICAL SCHEDULES & DETAILS

> CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS

SHOWN OR IMPLIED DRAWING SCALE APPLIES TO 22" X 34" SHEET SIZE

DATE

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS DATE ORIGINAL SIGNED: FEB. 14, 2020 ORIGINAL ON FILE AT ENGINEERED SYSTEMS ASSOCIATES

Engineered Systems Associates 1355 EAST CENTER POCATELLO, IDAHO 83201 (208) 233-0501 PHONE: (208) 233-0529

ESA JOB NUMBER: 18080

CHECKED NUMBER: **96548-13B PROJECT** FEB. 2020 EMAIL: esa@engsystems.com

REVISION

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