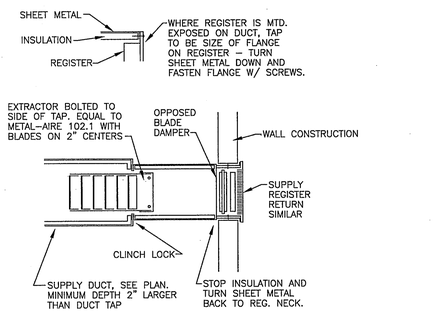
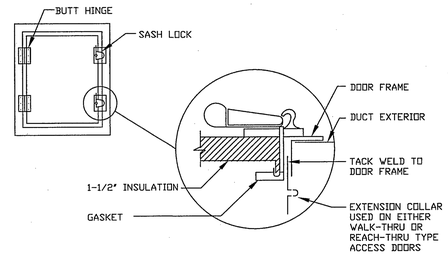
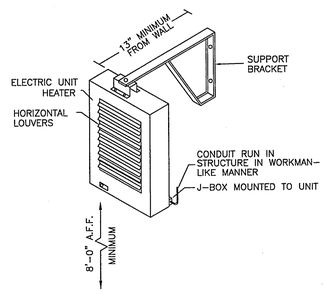


1 DETAILS – SIDEWALL SUPPLY GRILLE, TYP.
NO SCALE



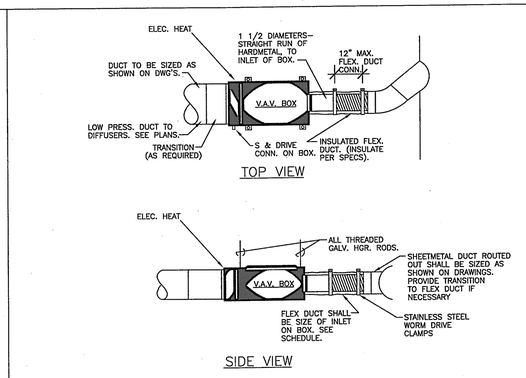
2 DETAILS – DUCT ACCESS DOOR, TYP.
NO SCALE



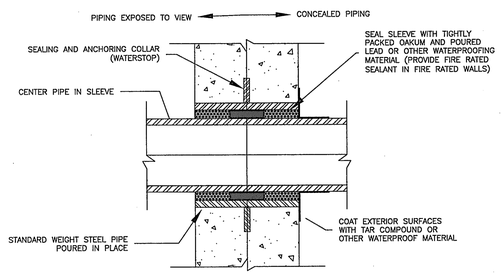
GENERAL NOTES:

1. PROVIDE NON-FUSED DOSCONNECTS FOR EACH UNIT HEATER.
2. UNIT HEATER TO BE CONTROLLED BY UNIT MOUNTED THERMOSTATS.

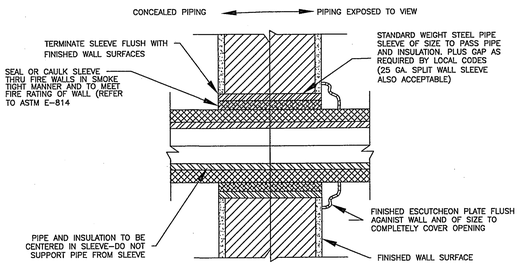
3 DETAILS – ELECTRIC UNIT HEATER, TYP.
NO SCALE



4 DETAILS – VAV BOX, TYPICAL
NO SCALE

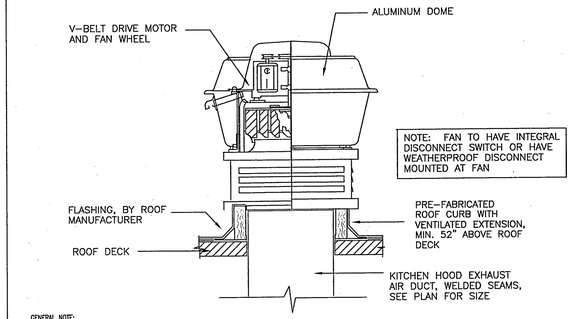


EXTERIOR WALLS



INTERIOR WALLS

KH–1
EXHAUST DUCT VELOCITY CALC.
VELOCITY = CFM / SQ. FEET CFM = 7,000 DUCT SIZE = 24x24 SQ. FEET = 4.00 VELOCITY = 1,750 FT/ MIN.

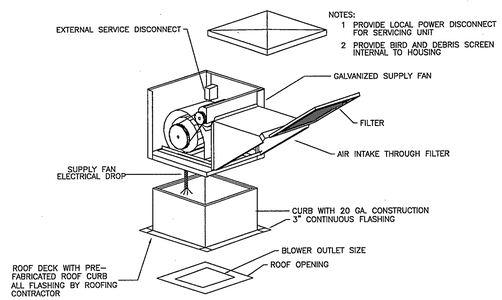


GENERAL NOTE:

1. PROVIDE HINGE KIT FOR KITCHEN EXHAUST FAN.

8 DETAIL – KITCHEN HOOD UPBLAST EXHAUST FAN, TYP
NO SCALE

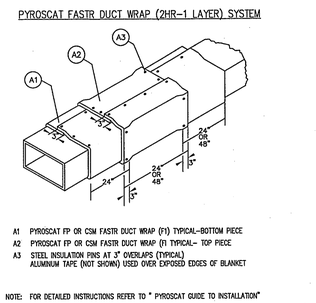
5 DETAILS – PIPE PENETRATIONS, TYP.
NO SCALE



GENERAL NOTE:

1. SLOPED ROOF TYPE SIMILAR.

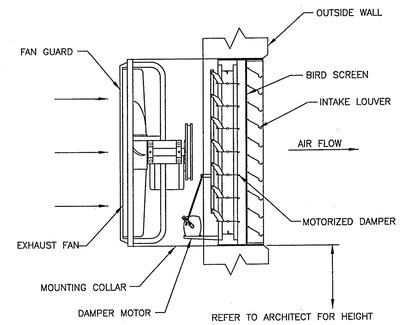
9 DETAIL – KITCHEN SUPPLY FAN, TYP.
NO SCALE



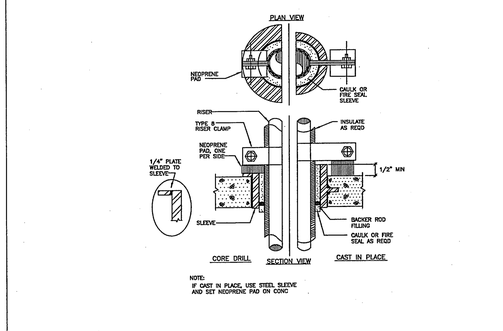
A1 PYROSCAT FP OR CSM FASTR DUCT WRAP (F1) TYPICAL–BOTTOM PIECE
A2 PYROSCAT FP OR CSM FASTR DUCT WRAP (F1 TYPICAL– TOP PIECE
A3 STEEL INSULATION PINS AT 3" OVERLAPS (TYPICAL)
ALUMINUM TAPE (NOT SHOWN) USED OVER EXPOSED EDGES OF BLANKET

NOTE: FOR DETAILED INSTRUCTIONS REFER TO " PYROSCAT GUIDE TO INSTALLATION"

10 DETAIL – FIRE RATED DUCT WRAP INSTALLATION, TYP.
NO SCALE

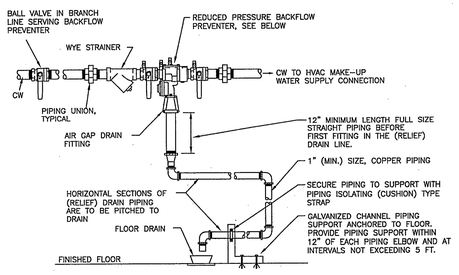


11 DETAIL– WALL MOUNTED PROPELLOR EXHAUST FAN, TYP.
NO SCALE



NOTE:
IF CAST IN PLACE, USE STEEL SLEEVE AND SET NEOPRENE PAD ON CONC

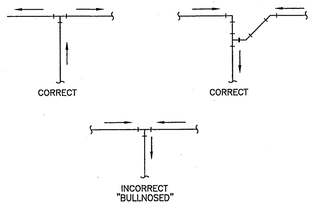
12 DETAILS – PIPE PENETRATION THRU FLOOR, TYP
NO SCALE



NOTES: 1. REDUCED PRESSURE BACKFLOW PREVENTER: WATTS 009M SERIES, AMES 4000B SERIES, FEBCO 860 SERIES OR APPROVED EQUAL REDUCED PRESSURE ZONE ASSEMBLY WITH QUARTER TURN BALL VALVES, BRONZE WYE STRAINER, AIR GAP DRAIN FITTING, AND BALL TEST COCKS (WITH PLASTIC OR BRASS CAPS AND TETHER, EACH TEST COCK). BACKFLOW PREVENTER SHALL MEET ASSE STD 1013 AND SHALL BE RATED FOR DESIGN FLOW RATE OF 20 GPM AT 14 PSIG (MAX.) PRESSURE DROP.

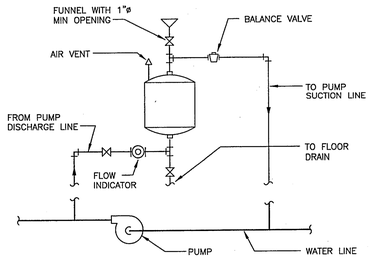
2. THE CONTRACTOR SHALL HAVE THE BACKFLOW PREVENTER DEVICE FIELD TESTED BY A CERTIFIED INDIVIDUAL (UPON INSTALLATION OF THE DEVICE); SUBMIT REPORT. THE OWNER IS RESPONSIBLE FOR REQUIRED ANNUAL FIELD TESTING (AFTER INITIAL FIELD TEST).

13 DETAILS – MAKEUP WATER BACKFLOW PREVENTER
NO SCALE

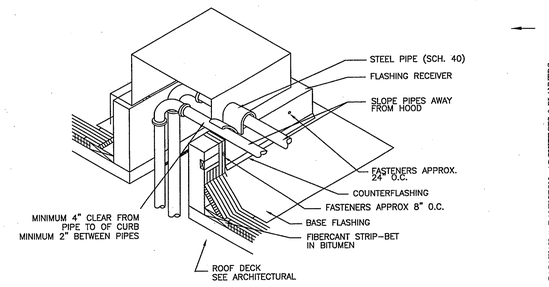


DO NOT BULLNOSE ANY PIPING

14 DETAILS – PIPING TEE CONNECTIONS, TYP
NO SCALE



15 DETAILS – CHEMICAL POT FEEDER, TYP
NO SCALE



16 DETAILS – PIPE PENETRATION THRU ROOF, TYP
NO SCALE

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BRET GASAWAY, ARCHITECT, AIA, NCARB
CHRIS BANKSTON, ARCHITECT, AIA, NCARB, LEED AP

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STPSB PROJECT #0825
MADISONVILLE, LOUISIANA

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PROJ. NO. 0825
DATE 06.25.09
REVISED

STATE OF LOUISIANA
HENRY L. EYRE, JR.
REG. NO. 19602
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
PROFESSIONAL OF RECORD

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