

- (1) FIELD RIP PRESSURE TREATED WOOD TO INSURE CURB IS INSTALLED LEVEL
- EQUIPMENT CURB, PROVIDED BY EQUIPMENT MANUFACTURER, INSTALLED BY G.C.
- ) ROOF CURB FLASHING BY G.C.
- FLEXIBLE DUCT CONNECTOR
- TRANSITION AS REQUIRED FOR CONNECTION TO ROOF TOP UNIT OPENINGS
- EXHAUST DUCT UP TO ROOF ENERGY RECOVERY VENTILATOR (ERV) INSULATE SUPPLY DUCT AND COVER WITH FLEXIBLE WEATHERPROOF JACKET
- DUCT SUPPORT ANGLE. TYPICAL ALL SIDES
- COORDINATE PIPE/CONDUIT SLEEVE LOCATIONS DUCT THROUGH EXTERIOR WALL, REFER TO ARCHITECTURAL DETAILS, MAINTAIN INSULATION THROUGH WALL
- MAIN RETURN AIR DUCT FROM SPACE TO AIR HANDLING UNIT
- FILL ENTIRE CURB WITH GLASS FIBER INSULATION
- ROOF TOP ENERGY RECOVERY UNIT DETAIL

SCALE: N.T.S.

SFAN ENABLE SFAN STATUS

NON-AVERAGING FREEZE STAT

TH SFAN ENABLE

vs sfan speed

(CS) SFAN STATUS

COMPRESSOR COMMAND

COMPRESSOR STATUS

NEMA 1 DISCONNECT — WIRED TO MOTOR BY FAN MFR.

- COMMON OUTSIDE AIR TEMPERATURE

- DISCHARGE AIR TEMPERATURE

CONDENSING UNIT

STATIC PRESSURE

SENSOR -

CONSTANT SPEED COMPRESSOR COMMAND

COMPRESSOR STATUS

— VAV

— VAV —→

— VAV

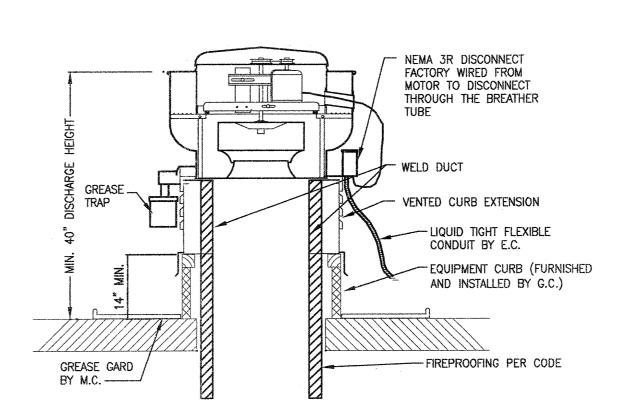
FASTENERS. COVER HEAD

- ADHESIVE FOAM RUBBER

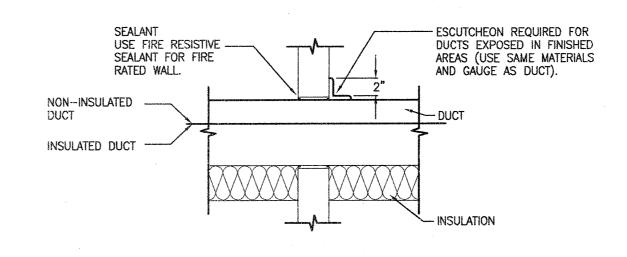
SEAL STRIP

- CURB BY M.C.

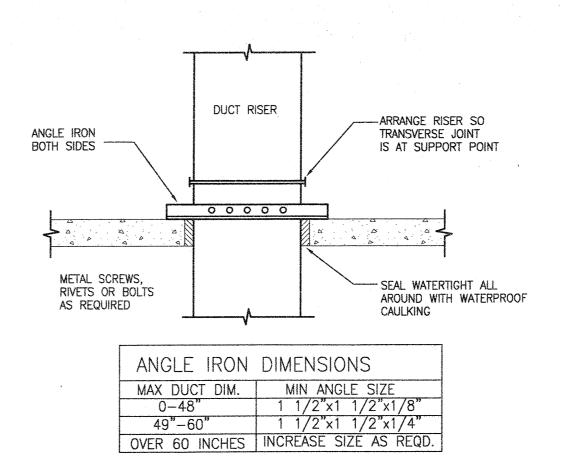
WITH SILICON SEALANT. (TYP.)



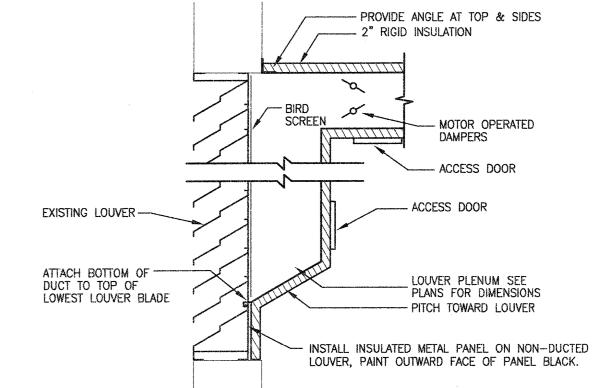




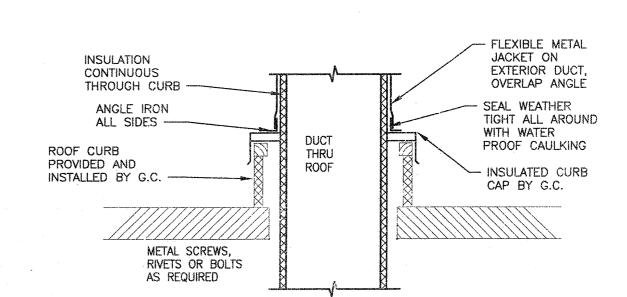
DUCT PENETRATION THRU INTERIOR WALL M401 SCALE: N.T.S.



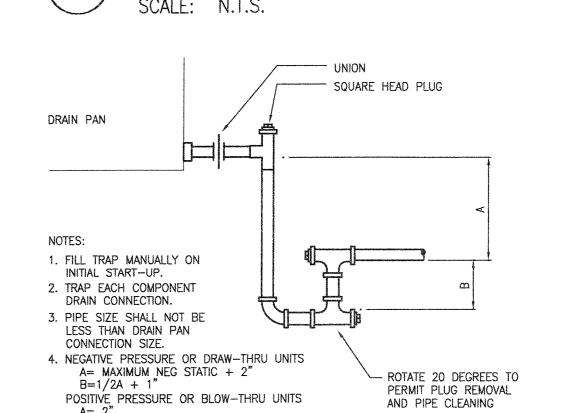
M401 SCALE: N.T.S.



BUCT CONNECTION TO LOUVER



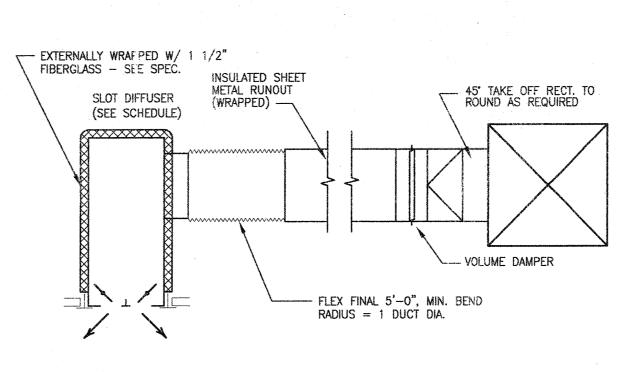


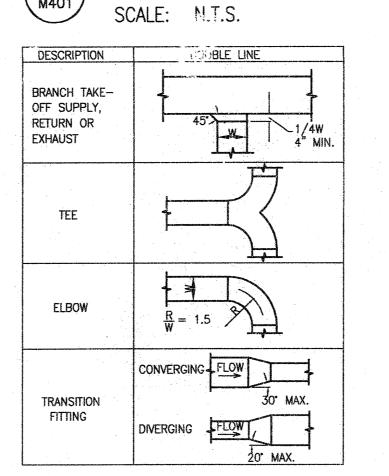


CONDENSATE DRAIN TRAP PIPING

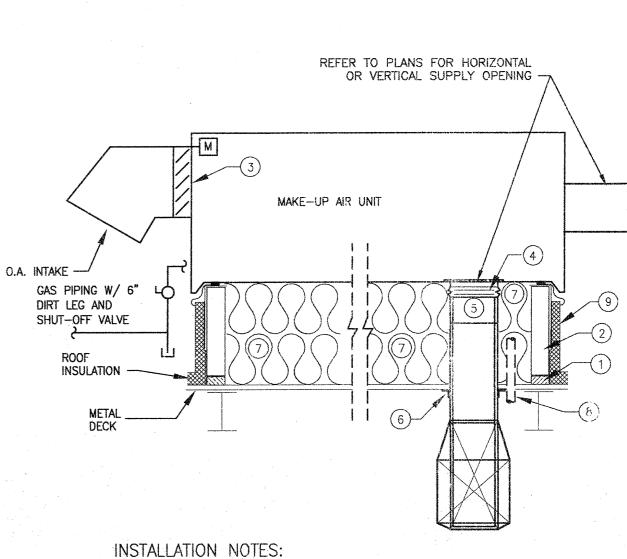
B= TOTAL FAN STATIC + 1"

SCALE: N.T.S.





SCALE: N.T.S.



- 1) FIELD RIP PRESSURE TREATED WOOD TO INSURE CURB IS INSTALLED LEVEL. (2) EQUIPMENT CURB, PROVIDED BY EQUIPMENT MANUFACTURER, INSTALLED BY G.C. INLET ISOLATION DAMPER BY MAU MANUFACTURER
- (4) FLEXIBLE DUCT CONNECTOR.
- TRANSITION AS REQUIRED FOR CONNECTION TO ROOF TOP UNIT OPENINGS. DUCT SUPPORT ANGLE. TYPICAL ALL SIDES.
- FILL ENTIRE CURB WITH GLASS FIBER INSULATION UNLESS EXISTING ROOF INSULATION REMAINS IN PLACE COORDINATE PIPE/CONDUIT SLEEVE LOCATIONS.
- ROOF CURB FLASHING BY G.C.

ROOF TOP MAU INSTALLATION DETAIL

SCALE: N.T.S.

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**OWNER REVIEW** 

DRAWING SET

PROJECT TITLE

STRANG

ARCHITECTURE

ENGINEERING

STRANG INC.

T/ 608 276 9200

F/608 276 9204

INTERIOR DESIGN

6411 MINERAL POINT ROAD

MADISON, WI 53705-4395

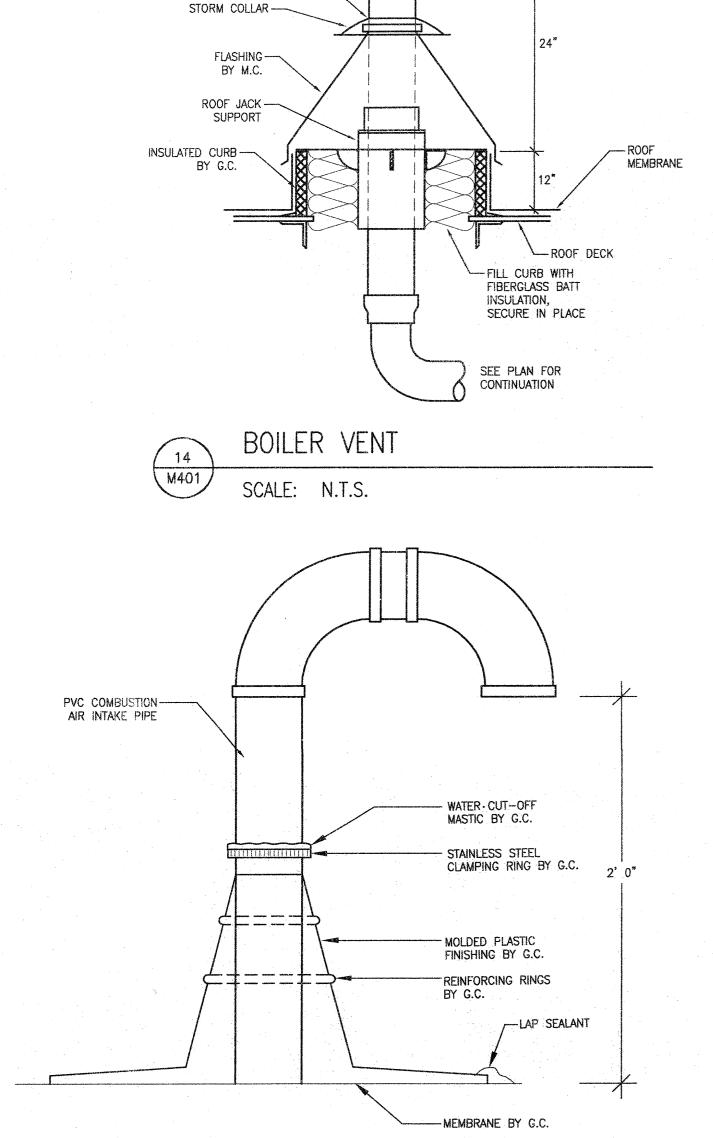
CITY OF MADISON FIRE STATION #2 **ADDITION AND** REMODELING

421 GRAND CANYON DRIVE MADISON, WISCONSIN

MECHANICAL **DETAILS** 

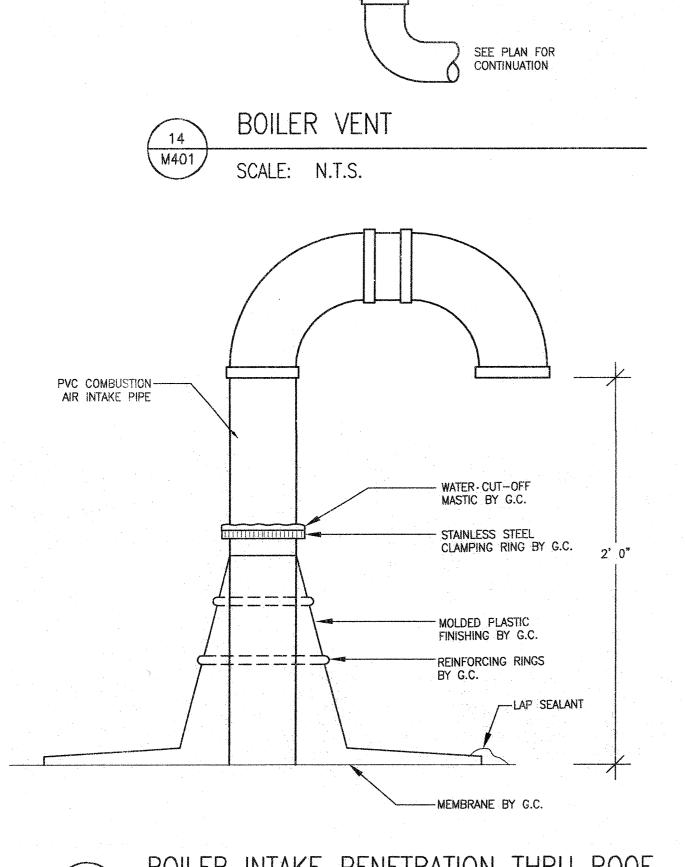
SHEET TITLE

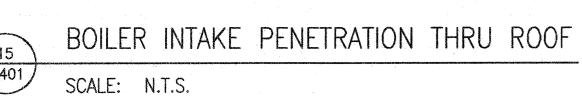
SHEET NO. M401

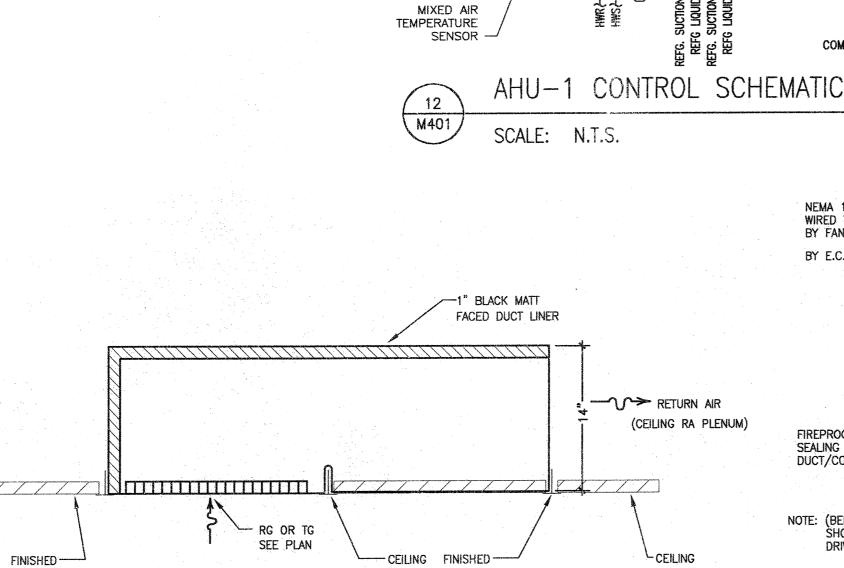


APPLY SEALANT -

VENT PIPE







GRID CEILING

DETECTOR BY E.C.

**ECONOMIZER** 

RETURN AIR RELATIVE HUMIDITY SENSOR

- RETURN AIR TEMPERATURE SENSOR

RELIEF DAMPER -

OA FROM <u>ERV-1</u>

MOD

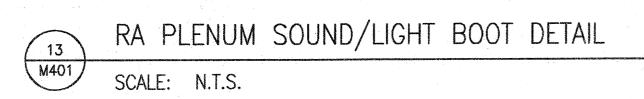
FILTER DIFFERENTIAL PRESSURE SENSOR —

OUTSIDE AIR TEMPERATURE SENSOR -

RETURN DAMPER -

**ECONOMIZER** 

DAMPER -



CEILING

