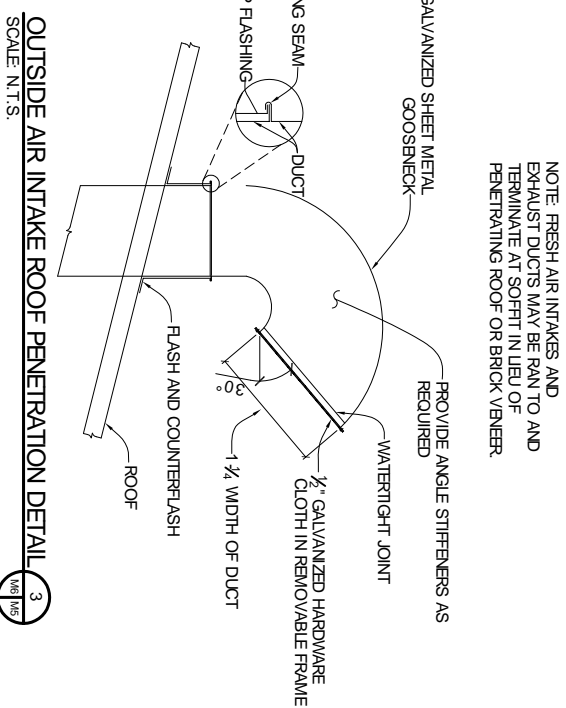
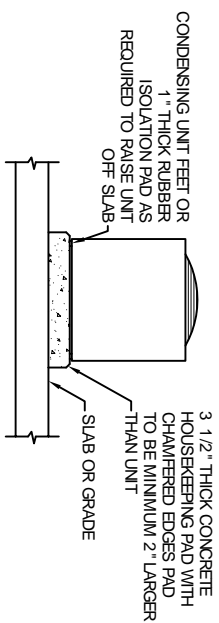


HVAC AHU/CLOSET SECTION
SCALE: N.T.S.

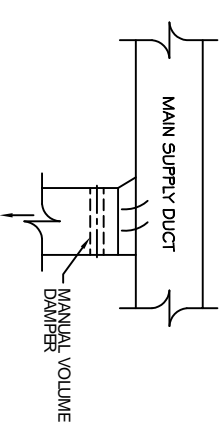
- NOTES:
1. ON UNITS UNDER 5 TONS, PROVIDE FIRESTAT IN THE RETURN AIR WIRING TO SHUT DOWN THE UNIT WHEN TEMPERATURE IS EXCEEDED.
 2. ON UNITS 5 TONS OR LARGER, PROVIDE A SMOKE DETECTOR IN THE SUPPLY AND THE RETURN AIR DUCTS WIRING TO SHUT DOWN THE UNIT WHEN SMOKE IS DETECTED. THE SMOKE DETECTOR IN THE RETURN AIR MAY BE ELIMINATED IF CONTRACTOR RECEIVES APPROVAL FROM THE LOCAL AUTHORITY HAVING JURISDICTION.



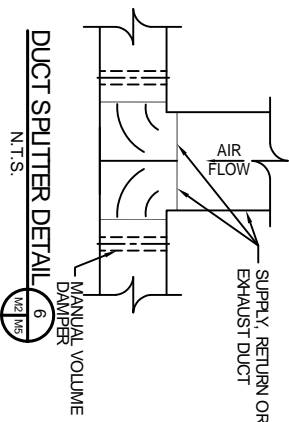
OUTSIDE AIR INTAKE ROOF PENETRATION DETAIL
SCALE: N.T.S.



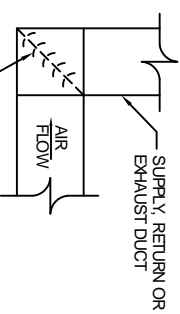
CONDENSING UNIT FEET OR HOUSING MOUNTING DETAIL
SCALE: N.T.S.



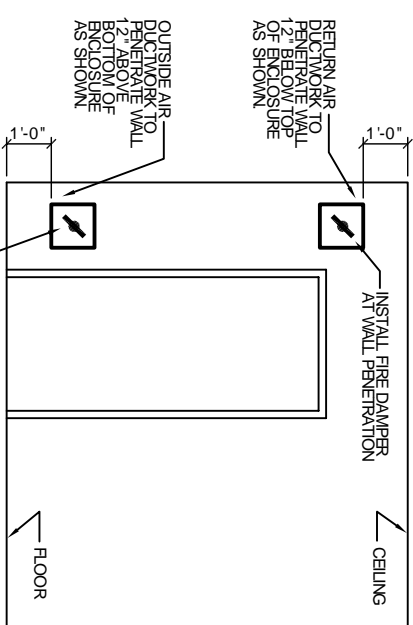
SUPPLY DUCT TAKE-OFF DETAIL
SCALE: N.T.S.



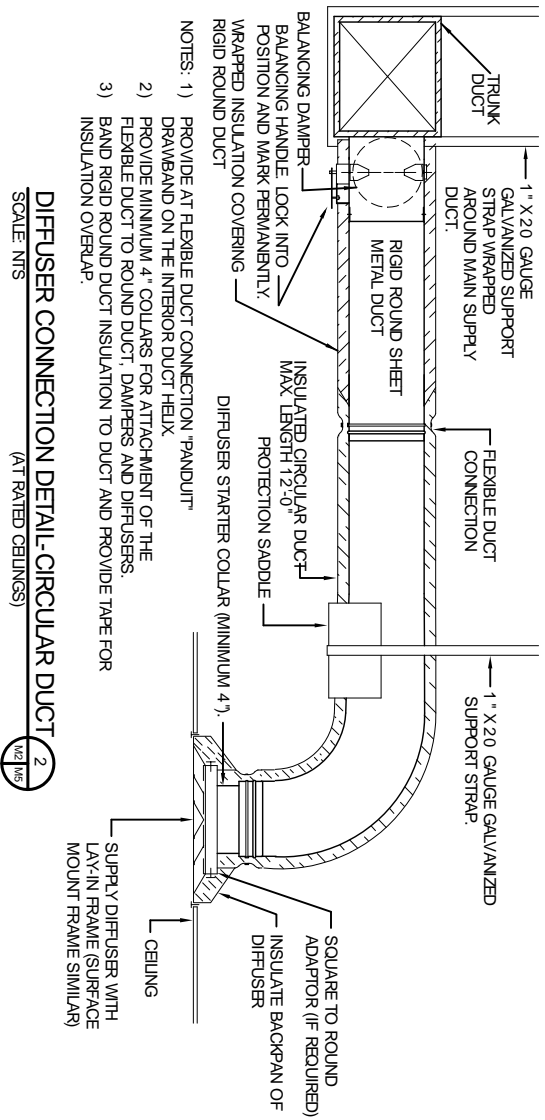
DUCT SPLITTER DETAIL
SCALE: N.T.S.



SQUARE ELBOW DETAIL
SCALE: N.T.S.

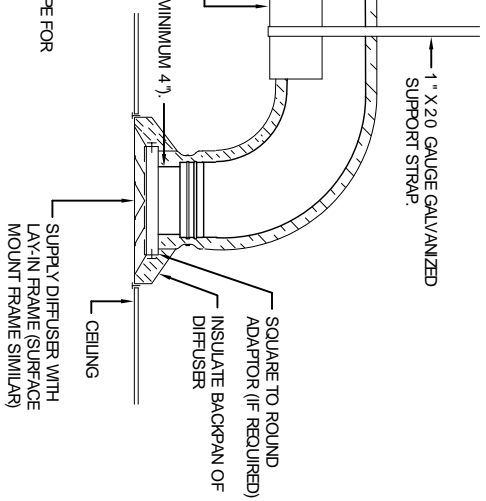


WATER HEATER ROOM WALL PENETRATION DETAIL
SCALE: N.T.S.

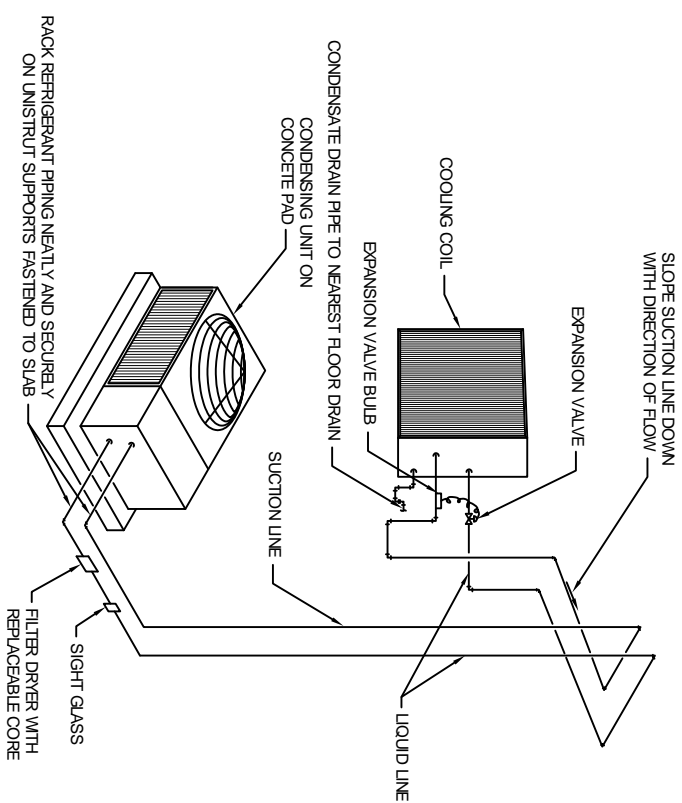


DIFFUSER CONNECTION DETAIL-CIRCULAR DUCT
SCALE: N.T.S.

- NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION "PAN DUCT" DRAWBAND ON THE INTERIOR DUCT HELIX.
 2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT. DAMPERS AND DIFFUSERS.
 3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.



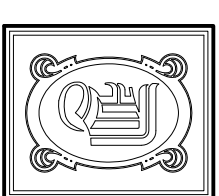
CONDENSING UNIT MOUNTING DETAIL
SCALE: N.T.S.



REFRIGERANT PIPING DIAGRAM
SCALE: N.T.S.

NOTE: THIS DIAGRAM APPLIES TO AHU-1 AND 2 ONLY.

RACK REFRIGERANT PIPING NEATLY AND SECURELY ON UNISTRUT SUPPORTS FASTENED TO SLAB



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.
CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SUDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE: WWW.DAMMONENGINEERING.COM
EMAIL: DAMMONENG@TELSCOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

PAUL MITCHELL
SCHOOL
3321 HESSMER AVE
METAIRIE, LA
70002

MECHANICAL DETAILS

REV:
SCALE: AS NOTED
JOB#: 2051
DATE: 02-05-10
SHEET

M-5

OF