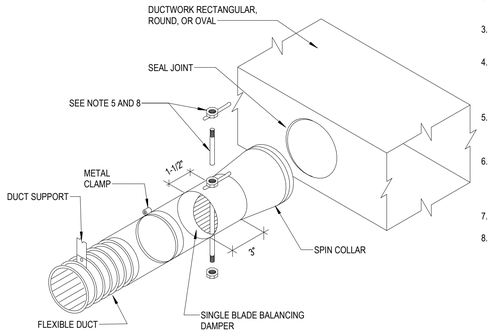
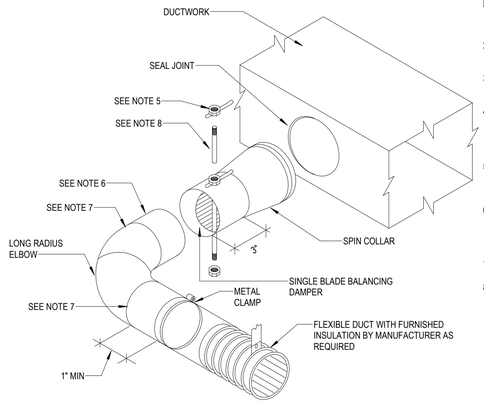


NOTES:

1. SUPPORT DUCTWORK AS REQUIRED.
2. BAND FLEX TO COLLAR 1/2" MINIMUM FROM OUTBOARD END OF COLLAR.
3. INSTALL SPIN COLLAR DAMPER IN OPEN POSITION; FINAL ADJUSTMENT BY TAB CONTRACTOR.
4. PULL FLEXIBLE DUCT INSULATION UP TO END OF SPIN COLLAR AT EDGE OF RECTANGULAR DUCTWORK; SEAL VAPOR BARRIER WITH GREY TAPE TO PREVENT MOISTURE MIGRATION.
5. PROVIDE EXTENSION RODS TO ACCOMMODATE INSULATION, PULL TO EDGE OF DUCTWORK AS REQUIRED AND SEAL TO AFFECT VAPOR BARRIER.
6. POP RIVET OR SHEET METAL SCREWS, MINIMUM 3 EACH AT 120 INTERVALS, CONNECTING STOVEPIPE TO COLLAR. ENSURE RIVETS OR SCREWS DO NOT INTERFERE WITH DAMPER.
7. TAPE AND SEAL ALL JOINTS TO PREVENT LEAKAGE.
8. INSTALL LOCKING QUADRANT AND HANDLE ON BOTTOM OF DUCT FOR EASY SERVICE (SHOWN ON TOP FOR EASE OF ILLUSTRATION ONLY).

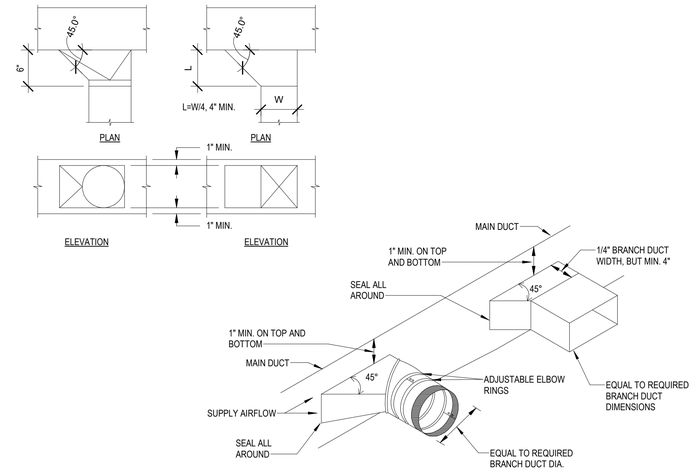
1 M0.4 SPIN COLLAR FLEXIBLE DUCT CONNECTOR WITH DAMPER - LOW PRESSURE
NOT TO SCALE



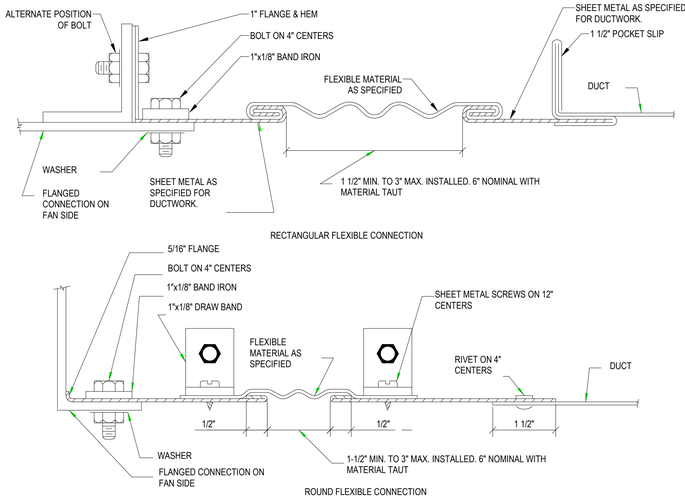
NOTES:

1. SUPPORT DUCTWORK AS REQUIRED.
2. BAND FLEX TO COLLAR 1/2" MINIMUM FROM OUTBOARD END OF COLLAR.
3. INSTALL SPIN COLLAR DAMPER IN OPEN POSITION; FINAL ADJUSTMENT BY TAB CONTRACTOR.
4. PULL FLEXIBLE DUCT INSULATION UP TO END OF SPIN COLLAR AT EDGE OF RECTANGULAR DUCTWORK; SEAL VAPOR BARRIER WITH GREY TAPE TO PREVENT MOISTURE MIGRATION.
5. PROVIDE EXTENSION RODS TO ACCOMMODATE INSULATION, PULL TO EDGE OF DUCTWORK AS REQUIRED AND SEAL TO EFFECT VAPOR BARRIER.
6. POP RIVET OR SHEET METAL SCREWS, MINIMUM 3 EACH AT 120 INTERVALS, CONNECTING STOVEPIPE TO COLLAR. ENSURE RIVETS OR SCREWS DO NOT INTERFERE WITH DAMPER.
7. TAPE AND SEAL ALL JOINTS TO PREVENT LEAKAGE.
8. INSTALL LOCKING QUADRANT AND HANDLE ON BOTTOM OF DUCT FOR EASY SERVICE (SHOWN ON TOP FOR EASE OF ILLUSTRATION ONLY).

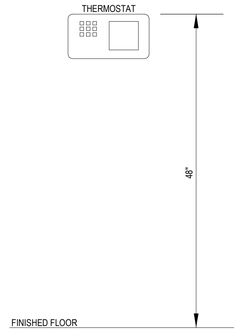
2 M0.4 SPIN COLLAR FLEXIBLE DUCT CONNECTOR WITH DAMPER AND WITH LONG RADIUS ELBOW - LOW PRESSURE
NOT TO SCALE



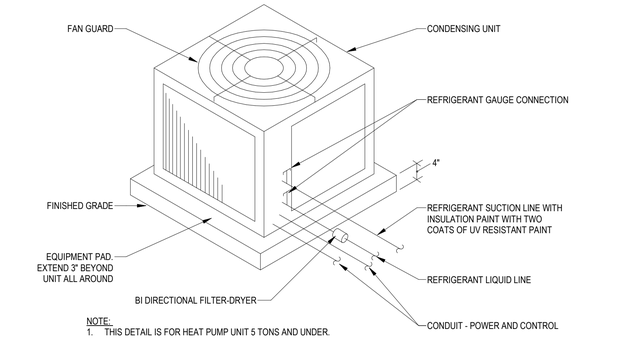
3 M0.4 TYPICAL BRANCH TAKEOFF FITTING DETAIL
NOT TO SCALE



4 M0.4 EQUIPMENT FLEXIBLE CONNECTION RECTANGULAR/ROUND
NOT TO SCALE

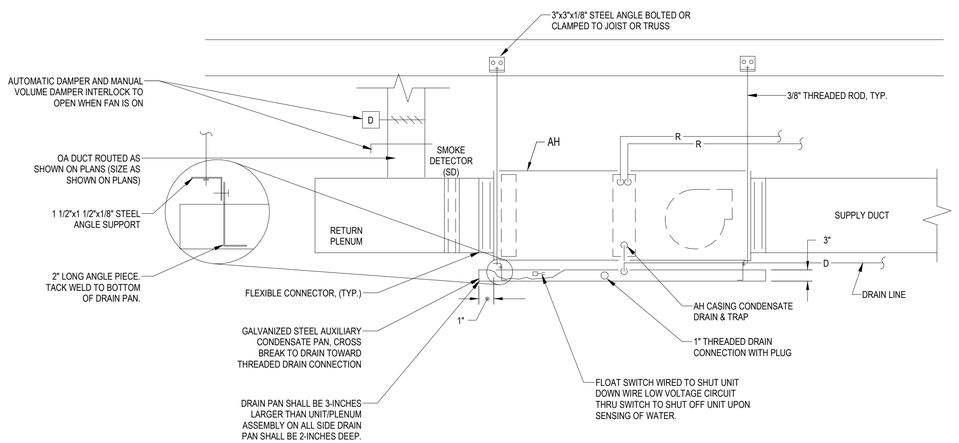


5 M0.4 T-STAT DETAIL
NOT TO SCALE

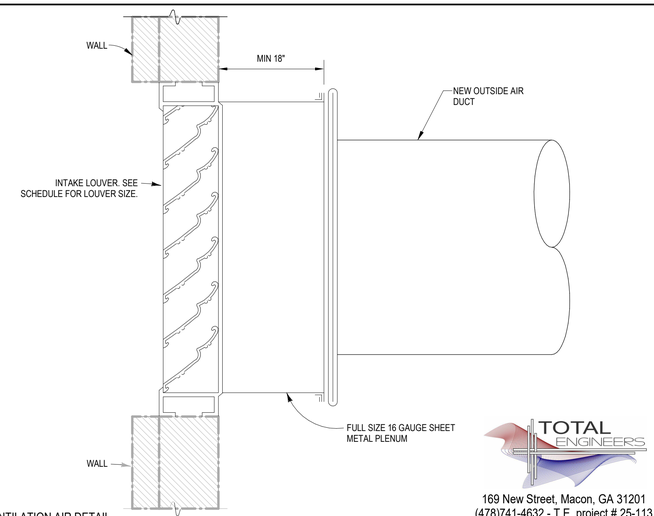


NOTE:
1. THIS DETAIL IS FOR HEAT PUMP UNIT 5 TONS AND UNDER.
2. PROVIDE 4"X4"WELDED WIRE MESH REINFORCING AT CENTER LINE FOR THE CONCRETE PAD.
3. PAD MAY BE PREFABRICATED DIVERSITECH ULTRALITE EQUIPMENT PAD OR EQUIVALENT.

6 M0.4 AIR COOLED CONDENSING UNIT SLAB MOUNTED
NOT TO SCALE



7 M0.4 AHU WITH AUXILIARY CONDENSATE PAN
NOT TO SCALE



8 M0.4 VENTILATION AIR DETAIL
NOT TO SCALE

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GEORGIA REGISTERED No.: PE036864 PROFESSIONAL ENGINEER KRUNAL M PATEL
4/27/2026

PROJECT NUMBER: TE 25-113

REVISIONS NO. DATE: ISSUE:

PEACH STATE CONSTRUCTION COMPANY OFFICE

PIPER ROAD - NEWTON COUNTY, GEORGIA

MECHANICAL DETAILS

M0.4

CONSTRUCTION DOCUMENTS

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(478)741-4632 - T.E. project # 25-113
www.totalengineers.com
GA COA NO # PEF009195 EXP: 06/30/2026

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