## SPECIFICATIONS

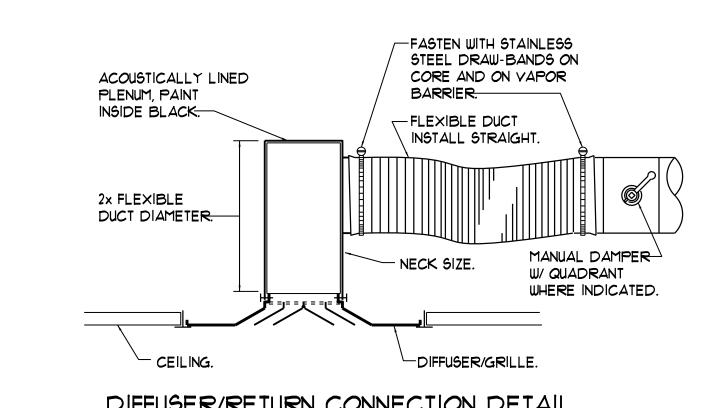
- 1.01 GENERAL MECHANICAL
  - A. Furnish materials and labor necessary to deliver to the Owner a complete and operable system installed in accordance with the contract documents.
  - B. Submit shop drawings, manufacturers' data and certificates for equipment, materials and finish, and pertinent details for each system where specified in each individual section.
  - C. Provide information sufficiently in advance of this work, so that work by the other trades may be coordinated and installed without delays. Furnish and locate sleeves, supports, anchors and necessary access panels.
  - D. Obtain necessary permits and licenses, give notices and comply with laws, ordinances, rules, regulations or orders affecting the work, and pay fees and charges in connection therewith.
  - E. Work and materials shall conform to the latest rules and regulations and these rules and regulations hereby are made part of this
  - F. Upon completion of the work and before applying for final payment, furnish a written guarantee, stating that the work complies with the provisions of codes and the local enforcing authorities, and that it will be free from defects of material and workmanship for not less than one (1) year. Guarantee shall further state that the Contractor will, at his own expense, repair or replace any of his material and work which may become defective during the time of guarantee, together with other work damaged as a consequence of such defects.
  - G. Equipment schedules shall serve as the basis of design for the products used, or equal.

### 1.02 DUCTWORK AND ACCESSORIES

- A. Ductwork shall be galvanized steel conforming to ASTM A527, weight of galvanized coating shall be not less than 1-1/4 ounces total for both sides of one sq.ft. of a sheet. Construction, metal gage, and reinforcements shall conform with SMACNA "Duct Construction Standards" and NFPA 90A for 2" W.G. pressure class. Fittings shall be constructed in accordance with SMACNA Standards and shall be of the types indicated (ONLY). Longitudinal joints shall be Pittsburgh lockseam (ONLY). Button punch snap locks are not acceptable. Joints shall be sealed to SMACNA seal class B with Hardcast Duct Seal 321 water based indoor/outdoor sealant.
- B. Volume dampers shall be Ruskin model MD-35 (rectangular) or model MDRS25 (round) with locking quadrant.
- C. Acoustical duct liner shall be 1" Type AP Armaflex SA elastomeric unicellular, no fiberglass.

#### 1.03 INSULATION

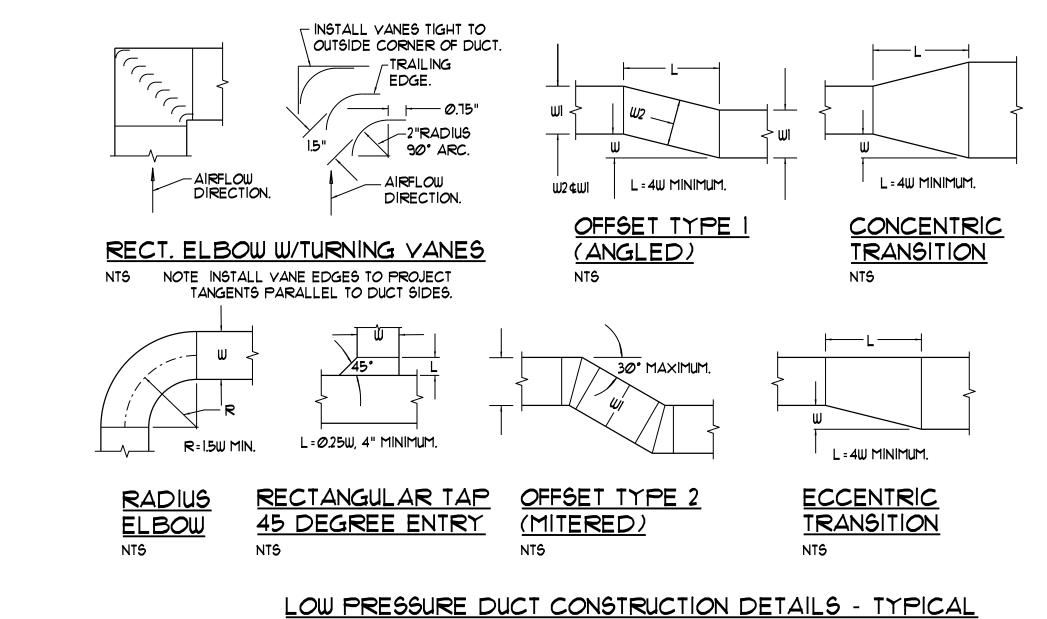
A. Supply Air Ductwork: 1-1/2" fiberglass ductwrap with FSK.



# DIFFUSER/RETURN CONNECTION DETAIL

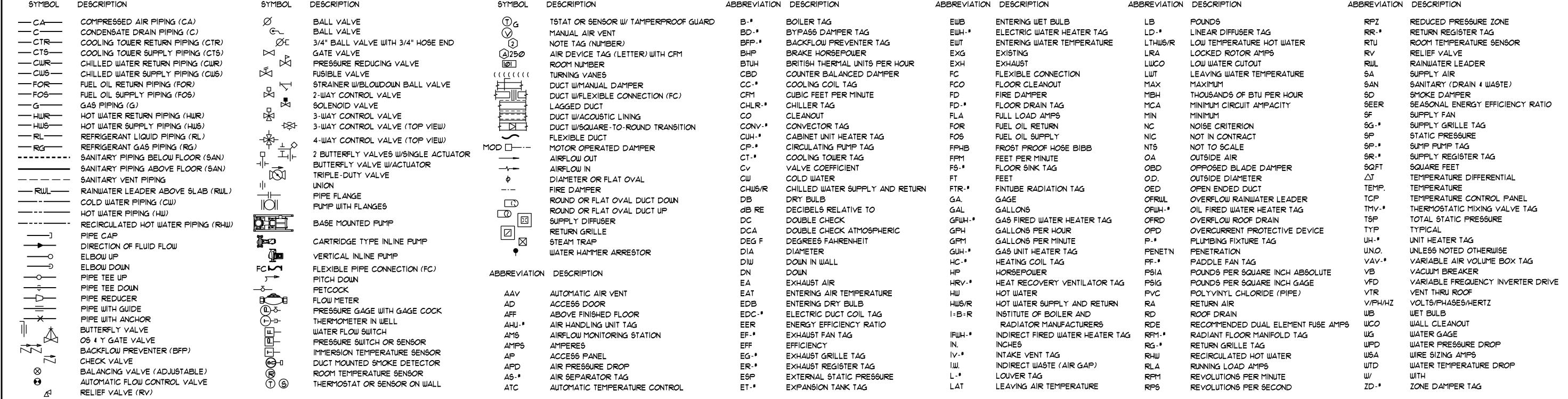
NTS

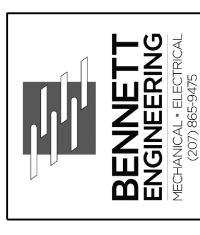
NOTE DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM.



## MECHANICAL AND PLUMBING SYMBOLS AND ABBREVIATIONS LEGEND

NOTE - USE SYMBOLS AND ABBREVIATIONS AS APPLICABLE FOR THIS MECHANICAL DRAWING SET. SOME SYMBOLS AND ABBREVIATIONS IN THIS LEGEND MAY NOT APPLY.





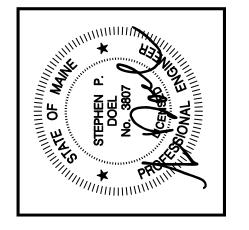
RESS PRINT CONSTRUCT

96 98

PR F

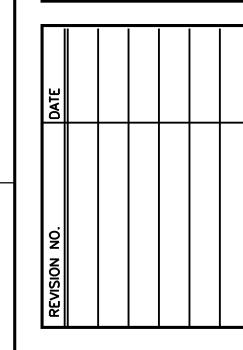
NOT

7 BENNETT RD PO BOX 297 FREEPORT, ME



MEMIC

261 COMMERCIAL STREET
FLOOR 2 & FLOOR 6
PORTLAND, ME 04101



MECHANICAL LEGEND,
SCHEDULES & DETAILS

AS NOTED

AS NOT

DRAWING NO.