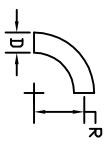


8 7 6 5 4 3 2 1

DATE	BY	DESCRIPTION	DATE	APPROVED
11/16/11	1	Final Shop Table Approved	11/16/11	1

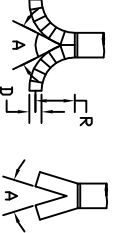
Round Elbow Design Criteria

- Ratio of R/D to be 2.00 to 2.50
- Construction to be,
 - Stamped (Smooth), or
 - 5-Piece



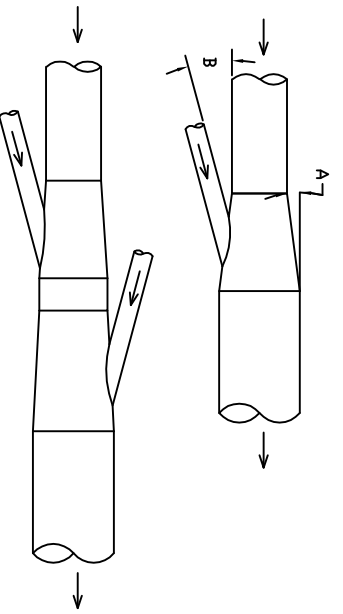
Wye Design Criteria

- Ratio of R/D to be 2.00-2.50
- Angle A to be 30-60 degrees

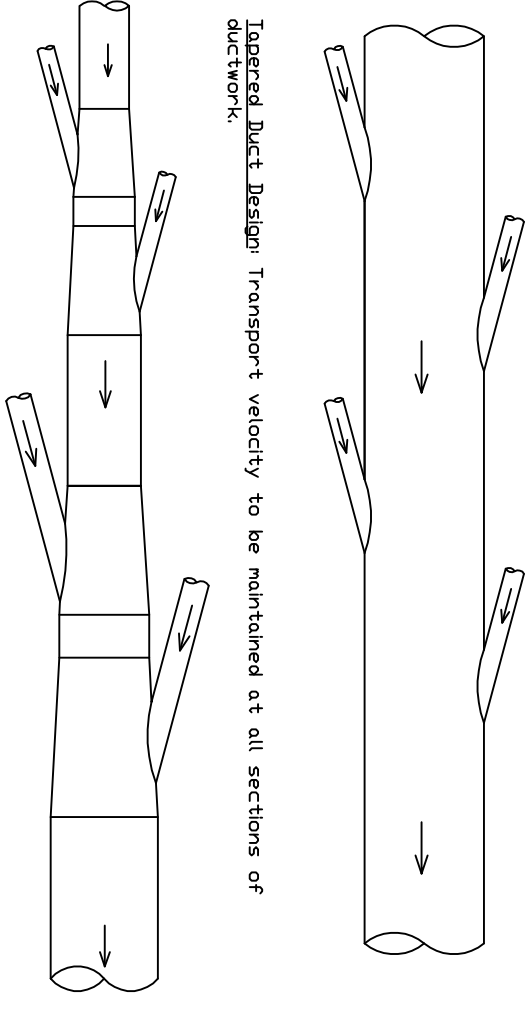


Branch Entry Design Criteria

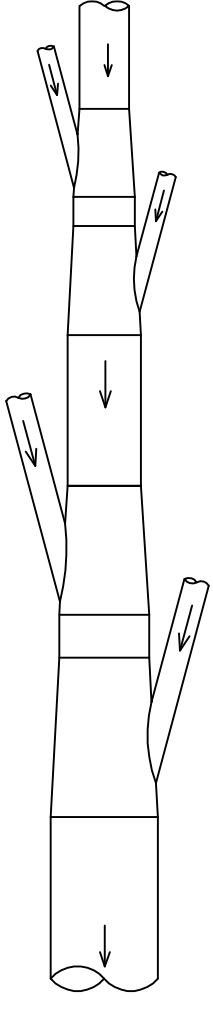
- Angle A to be 0-15 degrees
- Angle B to be 0-30 degrees



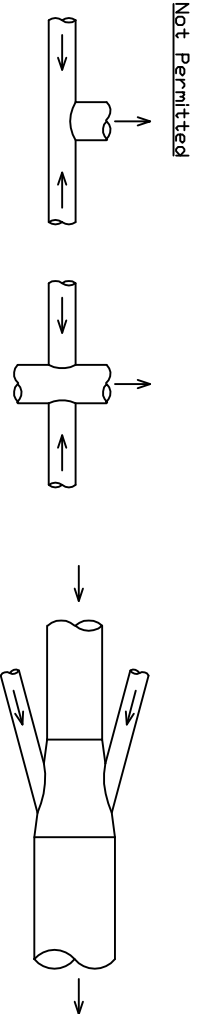
Plenum Design: Plenum Velocities are less than 50% of branch duct velocities.



Tapered Duct Design: Transport velocity to be maintained at all sections of ductwork.



Not Permitted



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 SYSTEMS, INC.

Wilson Engineered Systems, Inc.
 Design Recommendations
 for Fume Hood
 Exhaust Ductwork

PROJECT NO. W-100272

DATE 11/16/11

FOR INFORMATION ONLY
 NOT FOR CONSTRUCTION

8 7 6 5 4 3 2 1