1.1 GENERAL

1.2 Related Technical Requirements
   .1 Section 23 38 16 Fume Hood Exhaust Systems

1.3 Coordination Requirements
   .1 Coordinate with SFU Facilities.

1.4 Description
   .1 Additional SFU design and approval requirements for Ductwork.

2.1 MATERIALS AND DESIGN REQUIREMENTS

2.2 Ductwork
   .1 Use of non-metallic ductwork shall be approved by SFU Facilities.
   .2 All underground ducts must be approved by SFU Facilities at the design stage.
   .3 Except for an emergency supply shafts all air shafts/ducts with greater than 1/8" static pressures either positive or negative shall be lined with sheet metal.
   .4 All emergency supply ducts shall be tested to prove that specified air quantities can be delivered with installed equipment and without impairing the intended use of facilities.
   .5 All exhaust ductwork within the building shall be under negative pressure.

2.3 Flexible Duct Connectors
   .1 Specify installation of flexible duct connector on fume hood exhaust fan only after duct transition from square to round. For example, do not install flex connector joining ducts of different shapes.
   .2 Ensure that flex connectors do not restrict fan outlet especially on small capacity fans.

***END OF SECTION***