

233816N01 - NOTES FOR DRAWING 233816D01

1. Consider the roof appearance and provide an architectural screen if needed.
2. Each fume hood is to be individually exhausted, if possible.
3. Interior exhaust ducts are to be negative pressure.
4. Consider the exhaust escape velocity and location to minimize the potential for fumes to enter the project building or other buildings.
5. Critical fume hoods are to be emergency power or be supplied by approved multiple power feeds such as may exist at the Medical Center.
6. Label each fan to identify and locate the system served by each fan.
7. Fans are to be coated or of a material to minimize corrosion.
8. Flexible isolation connections are to be of a chemical resistant material suitable to the application.
9. Adjust the air flow by means of adjustable sheaves, variable speed controllers or other means external to the air flow.
10. Provide occupied/unoccupied control. Not necessarily on/off.
11. If duct is over 8 feet tall, three or more guy wires are required, 1/8" 7 wire stranded, galvanized minimum.
12. Install fume hood exhaust ductwork, exhaust fan, electrical conduit, exhaust fan base, and guy wire anchors so that they will not alter or void the roofing system warranty. All associated work must be performed under the requirements of the roofing bonding company.
13. Outlet to be weatherproof box, circuit to GFI protected.
14. Exhaust stack material shall be 18 Ga. epoxy coated, flanged, galvanized for non corrosive exhaust and 22 Ga, 316 stainless steel for corrosive material-flanged or welded joint.
15. Turnbuckles to be no more than 6 feet above roof.