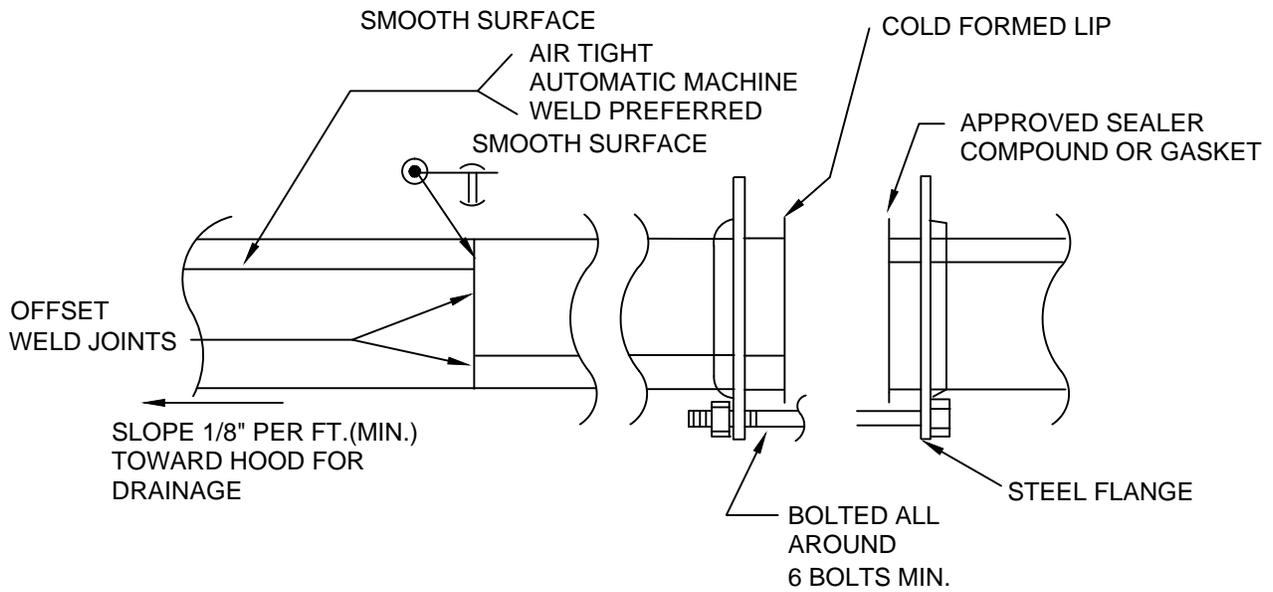


# 233816D04 FUME HOODS - Ductwork Detail



FUME HOOD DUCTWORK  
OPTIONAL FLANGED OR WELDED JOINT

**NOTES:**

1. Duct material is to be 18 GA. type 316 stainless steel. Weld filler metal is to be compatible with the base metal.
2. Duct interior is to be smooth to prevent residue from collecting in the duct.
3. No fire dampers or smoke dampers are to be used in the fume duct system.
4. Interior fume duct are to operate under negative pressure.
5. Duct systems are to have 0 leakage within recognized tolerance. Pressure test each installation.
6. Bolts are to be 3/8" course thread grade 5 zinc chromate finish. Threads are to extend 1/2" past the nut.
7. Slope ductwork 1/8"-1/4" per ft. to drain into fumehood.
8. Duct velocity is to be within 1800-2000 FPM.



**UNIVERSITY OF KENTUCKY DESIGN & CONSTRUCTION STANDARDS**

DRAWN BY <u>MA</u> APP. BY _____ DATE <u>4/1/88</u>	REVISION DATE _____ _____ _____	TITLE : FUME HOOD DUCTWORK	DRAWING NO. 233816D04
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