

**Call 17 Replace the Existing HVAC in District 7 Materials Lab at McComb, known as State Project No. BWO-7125-57(002) / 502964301 in Pike County.**

Q1. I have 3 questions. **1.** Will the ductwork in Mech room 112 and 115 be below or above the ceiling? **2.** Spec section 23 31 00-3 2.06 A. (Fume Hoods) states that fume hoods shall be of stainless steel material. Note 7 and 8 on sheet M-3 and detail M-7 state that the hoods should be galvanized. Which material should we use? **3.** Spec section 23 07 13-4,5 states that Return Duct is to be externally insulated. Detail Exhaust-Return Air Grille Detail located on sheet M-6 states that Return Duct shall be lined on the interior of the ductwork. Should Return duct be insulated internally or externally? Also, how should the exhaust be insulated on using the same spec and drawing reference?

A1. **1.** Any duct or pipe routed through the mechanical rooms will be exposed. Any gyp. board in these rooms is tight to roof structure and high enough to avoid conflict. **2.** Fume hoods should be constructed of minimum 18 gage galvanized steel using the methods described in spec section 23 31 00-3 2.06 B. **3.** Both return and exhaust duct should be externally insulated per spec section 23 07 13.