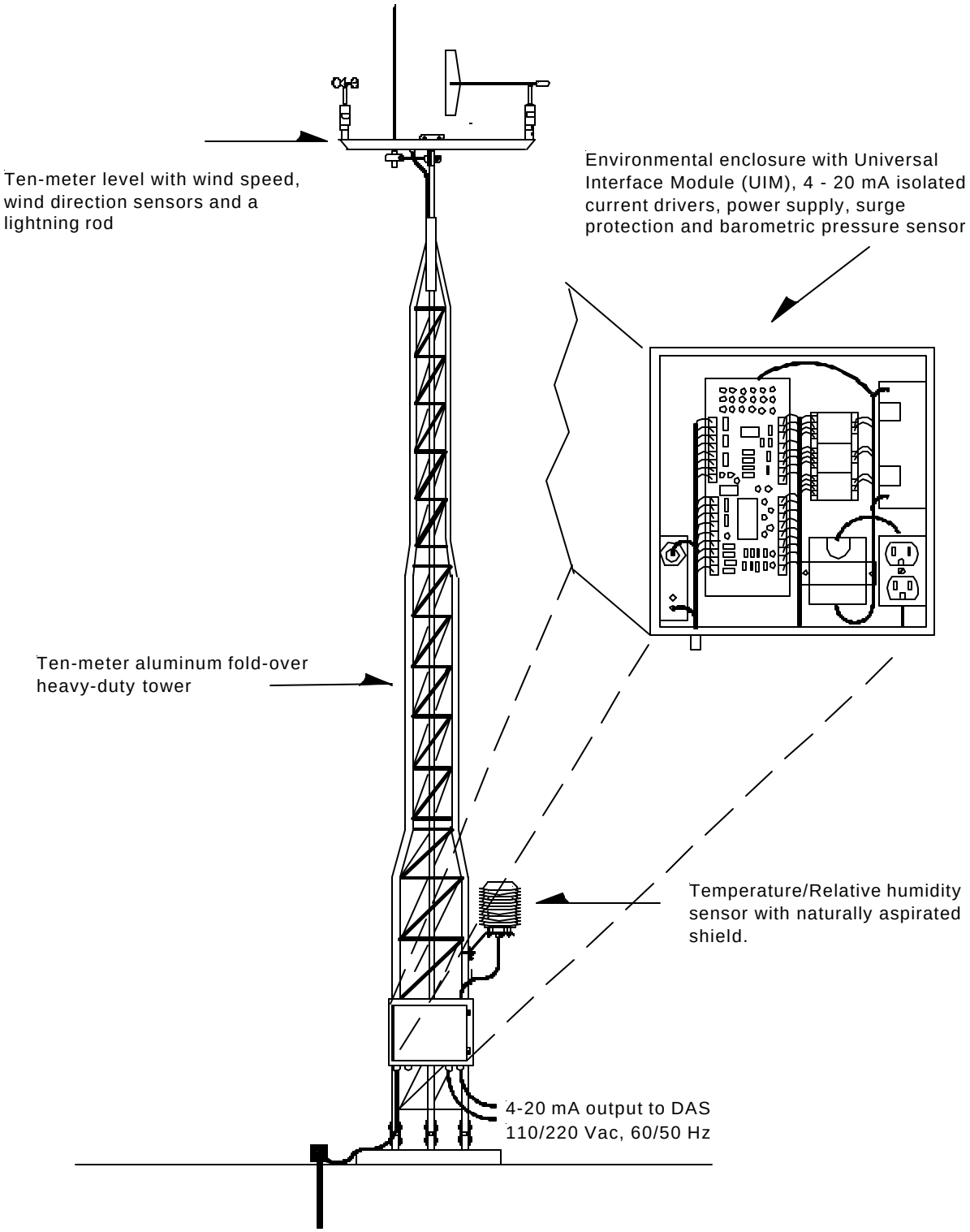WEATHER STATION with ISOLATED 4-20 mA CURRENT LOOP OUTPUTS