



**When installing conduits on the metal deck prior to a slab pour or conduits / electrical boxes directly under a roof deck, certain precautions are needed to be discussed:**



**If installing temporary or permanent power in the slab on metal deck, make sure that the conduit is at least a 3" inches away from the studs in the deck.**

***Concrete must fully develop around the studs.***

***Always review specifications to determine if this is acceptable to install electrical in the slab.***



**Screws can penetrate conduits and boxes when placed directly under the roof deck...This could happen during the initial roof installation or during a re-roof installation. See NEC 300.4(E) *Although electrical boxes are not mentioned in the Code, protection for the boxes are important and need to be considered.***

***A rated head-of-wall must also be taken into account, as the conduit cannot pass within the head of wall construction.***