

Request for Information

Contractor: Kuersten Construction
Address: 0013 Powerline Road
City, State: Rifle Colorado
Zip: 81650
Phone: 970-625-8210

A/E: Johnson & Carter Architects
Address: 136 East 3rd Street Suite B
City, State: Rifle, Colorado 81650
Zip: 81650
Phone: 970-625-0580

Project: RFPD Fire Station #3
RFI Number: 16
Date: 8/17/2009

RFI DESCRIPTION: (Fully describe the question or type of information requested.)

- (Reference: S4.1) Details 9 and 11 / S4.1 show only (2) studs required on the embed (joist bearing) plate. Details 13A and 14 / S 4.1 show (4) studs required. This difference wasn't noticed during detailing prior to approval. The approvals did not have any noting to change this to (4) studs for some. Are (2) studs adequate in all locations, or do we need (4) for the longer spanning joists? Please advise.
- (Reference: S4.0 & A6.1) Detail 12/S4.0 shows the bollard being a 6" dia. Sch. 40 pipe that is 7'-0 long overall. Detail 2/A6.1 calls the bollard out as 8" dia x 7'-6 long overall. Please verify which is correct.
- (Reference: S4.1 and S4.2) Detail 5/S4.1 shows stiffner plates that are located 4" (from the architectural drawings) from the joint. Detail 4 / S4.2 does not show any stiffner plates at the corner connection. Are they required for asthetic purposes at the corner as well? Also, please verify the 1/4 fillet weld at 2 sides of the column is sufficient connection and that no weld is required at the outside face of the column / beam connection.
- (Reference: S1.2) There is a W16x31 beam located between grids 6 & 8 along grid F (roughly). This beam appears to cantilever over the columns and run all the way to the outside face of the masonry walls. Please verify it should run all the way out on both ends (17'-6 overall length).

SENDER'S RECOMMENDATION:

- (2) STUDS ARE ADEQUATE FOR ALL LOCATIONS INCLUDING DTLS. 13A, 14/S4.1.
- USE 6" ϕ X 7'-0 LONG BALLARDS AS DETAILED ON 12/S4.0.
- NO STIFFENERS ARE REQUIRED FOR THE CORNER CONDITION. 1/4 FILLET WELD ON 2 SIDES OF COLUMN ARE ADEQUATE.

RECEIVER'S REPLY: (Provide answer to RFI, including cost and/or schedule considerations.)

- YES, BEAM SHOULD EXTEND EITHER SIDE OF COLUMNS TO SUPPORT ROOF TRUSSES.

LANDON ANDERSON
ODDO ENGINEERING
8-19-09