

EMBREY BUILDERS, LLC.
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RFI

To: Jordan & Skala Engineers, Inc. RFI #: 16
14240 Midway Road, Suite 350 Date: 12/28/2011
Dallas, TX 75244 Job: EB-02 Keller Springs Lofts
Ph: 469/385-1616 Fax: 469/385-1615 Phone: 877-777-5115

CC: David Gallagher (Embrey Build (Embrey Construction LLC))

Subject: RTU 1,3,4,5,6,7,8

Drawing: E1.6 Spec Section:
Cost Impact: None Schedule Impact: None

Request: Date Required: 12/2012
sheet E1.6 show RTU 1,3,4,5,6,7,8 being fed out of the house panel with 3 pole breakers house panels are 120/240V single phase according to TDI the HVAC subcontractor and attached cut sheets RTU must be 120/208V three phase we cannot feed 3-phase equipment from a single phase panel!

- MSF proposes the following solution
- 1) the RTU be deleted from the house panels
 - 2) RTU-2 be deleted from switchboard MSB
 - 3) add (2) 3 pole breakers to switchboard MSB that will sub feed (1) 3-phase subpanel in each building (RTU-A & RTU-B) that will solely dedicated to services the (4) RTU units in each building
 - 4) locate (1) of the sub panels (RTU-A) in the closet adjacent to HP-5 and the other (RTU-B) in the closet adjacent to HP-20
 - 5) feed RTU from these locations with wire type and wire size as indicated on our sketch and per our voltage drop calculations for 5% voltage drop using the actual load of 38.1 amps at 208V 3 phase

Requested by: Bryan Pickler
Embrey Partners, Ltd.

Response:
The above listed proposes are acceptable and have been incorporated into the electrical plans. Reference the attached E1.3, E1.6, E1.7, E3.1B, and E3.1D. The revisions have been clouded with a delta 6 for reference.

Heath Parnell

Answered by: 1/5/12
JSE Date
Company Date