

RFI No. 159

29-Mar-2013 02:31 AM CT

Collin County Courthouse Addition  
**2100 Bloomdale Road McKinney, TX 75071**  
 Owner Name: Collin County  
 Prime A/E: PGAL  
 Project Number: R0508003.00

Subject Masonry Corner Condition

Question Matt Wagner stopped out today to take a look at our masonry corner condition. We have identified the problem as a detail that was added to field use drawings but was never approved. We would like reestablish the bond beam on the 3<sup>rd</sup> and 4<sup>th</sup> course. This will mean that we will remove all four courses of block in the corner at least 18 inches in both directions as well as remove the top 2 courses for a span that will be confirmed by Matt. We will then go back and create a bond beam in the top 2 courses that should support the load.

General

Reason Code Confirmation Only  
 Section 4 - Masonry  
 Days Elapsed 764

Additional Info

Critical Path?	No		
Proposed Cost Change	Cost Increase of US \$0.00	Time Change	Increase of 0 days
Solution Impact Discipline Code	N/A		
Drawing Number		Needs Drawing Change	No
From	Kevin Karagias	Originated	23-Feb-2011 03:00 PM CT
First Recipient	Brian Nicodemus	Requested By	10-Mar-2011 12:00 AM CT
Copy To	Andrews, David Bateman, Walter Burke, Bill Harris, Brad Hoglund, Sara		Holcombe, Ronnie Leos, John Nail, Matthew Rausch, Evan Wagner, Matt

Routing

Memo For confirmation.

From	Brian Nicodemus	Sent	23-Feb-2011 03:02 PM CT
To	Matt Wagner	Requested By	10-Mar-2011 12:00 AM CT
Copy To	Burgher, Ford		

Memo

Only fix one corner per penthouse at a time.

Remove the 3rd and 4th courses 6 feet from each corner keep the existing 2#4 bond beam rebars and vertical #6 intact. Add 2 #4 longitudinal bars to the third coarse extending back the full 6 feet. 140 inch long bars can be bent or straight bars can be lapped with 72 inch bent bars at the corner. Fully grout the replaced 3rd and 4th course using only standard blocks on the 4th course with low sides for bars to pass (I do not want a bottom on the 4th course). The 3rd course can be bond beam blocks with holes knocked out for existing vertical bars or standard blocks with a grout stop at the bottom.

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2 #5 bars will need to be added to the 3rd course

From	Matt Wagner	Sent	25-Feb-2011 11:04 AM CT
To	Brian Nicodemus	Requested By	10-Mar-2011 12:00 AM CT
Copy To	(none)		

Final Response

NOTE: All repair work must be inspected by HH Holmes at Turner Constructions expense.

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Response

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2 #5 bars will need to be added to the 3rd course

Billable

N/A

From	Brian Nicodemus	Sent	25-Feb-2011 11:29 AM CT
To	Kevin Karagias	Requested By	10-Mar-2011 12:00 AM CT
Copy To	Andrews, David		Harris, Brad
	Bateman, Walter		Hoglund, Sara
	Blackerby, Ted		Leos, John
	Burgher, Ford		Rausch, Evan
	Burke, Bill		Wagner, Matt

Comments

Brad Harris  
24-Feb-2011 07:42 AM CT

All repair work must be inspected by HH Holmes at Turner Constructions expense.

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