From:	Jon Creighton
To:	Matt Stone; Bob Haynes
Subject:	Fwd: 5844 Buncombe Co range - concrete floor slab replacement
Date:	Tuesday, March 29, 2016 7:26:10 PM
Attachments:	image001.png ATT00001.htm CCF03162016_0001.pdf ATT00002.htm

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FYI

Sent from my iPhone

Begin forwarded message:

From: "John C. Shields" <jshields@ClarkNexsen.com>
Date: March 29, 2016 at 4:22:46 PM MST
To: "Mike Merrell (mmerrell@hickory-construction.com)" <mmerrell@hickory-construction.com>
Cc: Christopher D'Angelo <CDangelo@hickory-construction.com>, David Lancor <DLancor@ClarkNexsen.com>, Robert Cummings <bcummings@clarknexsen.com>, "Marcus B. Whitaker" <mwhitaker@ClarkNexsen.com>, "Matt S. Hickey" <mhickey@ClarkNexsen.com>, Patrick Ward <pward@ClarkNexsen.com>, "Jon Creighton (jon.creighton@buncombecounty.org)" <jon.creighton@buncombecounty.org>
Subject: 5844 Buncombe Co range - concrete floor slab replacement

Mike:

As we discussed in our phone conversation this afternoon, Clark Nexsen and Buncombe County have reviewed the second set of ground penetrating radar test results for the range floor slab. The test results indicate that there are many areas in the slab that do not meet the specified minimum thickness requirements. While it might be possible to replace isolated areas that do not meet specification, the resulting slab would be an unacceptable patchwork of new and old concrete, with a high risk of damage to the remaining methane barrier. Accordingly, the Owner has directed that the existing concrete slab be replaced in the following locations:

<!--[if !supportLists]-->• <!--[endif]-->Range 100, from the toe of the steel bullet trap to the east wall of the range behind the 50-yard firing line.
<!--[if !supportLists]-->• <!--[endif]-->In Mechanical Room 102, between doors 100E and 102B, across the full width of both doors.

Clark Nexsen and our methane barrier consultant are reviewing the procedures described by S&H Waterproofing for maintaining the continuity of the methane barrier and will send our comments (if any) to you this week. The letter is attached for reference.

Please provide a brief description of procedures that Hickory Construction will follow to replace the slab, and also procedures for preventing dust contamination of existing construction within the range (particularly mechanical and electrical equipment.

You asked how the replacement concrete slab should be tied in to the remaining slab under the bullet trap. We will forward a response to this question separately.

Other items that we discussed:

<!--[if !supportLists]-->• <!--[endif]-->Hickory's March pay application: As you know, 100% of the cost for the installation of the defective slab was previously paid. To protect the Owner's interests, Clark Nexsen will mark the March schedule of values to indicate a deduction for the cost of the slab to be replaced. The cost will be based on the project cost of the slab and methane barrier, proportioned by the area to be replaced versus the total floor slab area.

<!--[if !supportLists]-->• <!--[endif]-->Regarding Hickory's requests for time extensions:

<!--[if !supportLists]-->○ <!--[endif]-->We will review the weather delay request that Hickory submitted in January and make our recommendation to the County regarding the time extension. My apologies that this request has not been previously addressed.

<!--[if !supportLists]-->○ <!--[endif]-->Regarding Hickory's request for a time extension related to the change in range equipment subcontractors, the County has declined to approve the request. However, the County does not currently intend to enforce the contract liquidated damages clause due to schedule delays.

We very much appreciate Hickory Construction's professionalism and commitment to correcting the concrete slab problem. Don't' hesitate to call if you need any information from us.

John Shields AIA, CCS
Senior Architect | Associate

C L A R K N E X S E N