



Weaver

CONSTRUCTION MANAGEMENT

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SUBMITTAL TRANSMITTAL

February 28, 2012
Submittal No: 13121-001.A

PROJECT: **Harold Thompson Regional WRF**
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: **GMS, Inc.**
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan
Sewage Disposal District**
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: **Heath Steel**
141 Racquette Dr
Fort Collins, CO 80522
970-490-8031 Randy Gates
rgates@heathsteel.com

SUBJECT: Response to Review Comments Letter for the Equipment & Maintenance Prefabricated Metal Building.

SPEC SECTION: 13121

PREVIOUS SUBMISSION DATES: 2/2/12

DEVIATIONS FROM SPEC: ___ YES X NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and, unless indicated otherwise, has been found to be in conformance with the intent of the contract documents.

Contractor's Stamp:

Date: 2/28/12

Reviewed by: John Jacob

() Reviewed Without Comments

(X) Reviewed With Comments

ENGINEER'S

COMMENTS:

Engineer's Stamp:



Project: HDTWRF Project

Location: Fountain, CO

Supplier: Heath Steel

Date: 2/27/12

Submittal 13121-001.A. Equipment & Maintenance Metal Building by Chief Building.

Additional Submittal Review Comments:

- 1. Regarding review comment #5, Heath/Chief request that the foundation designer provide the design of the anchor that will accommodate Heath's/Chief's building reaction at his point. Heath/Chief stance is such that they did not design the foundation.**

John Jacob

From: Randy Gates <rgates@heathsteel.com>
Sent: Wednesday, February 22, 2012 4:09 PM
To: John Jacob
Subject: Re: FW: LFMSDD HDTRWRF Shop Submittal No. 13121-001

John,

The following are my preliminary responses regarding GMS' review comment letter dated February 17, 2012:

ITEM #1) OK

ITEM #2) OK

ITEM #3) It was not known that the anchor bolts had been cast until after these drawings were submitted. We will match the anchor bolts as cast to the best of our ability. Some minor field work may be required by the erector.

ITEM #4) The orientation of the column at this location is necessary to accommodate the X-bracing along grid line 1, between grid lines A & B. The column provided by Chief will fit the anchor bolts as cast. See Chief drawing E1/E2.

ITEM #5) This base detail "T" is a floor anchor to accommodate the X-bracing along grid line A, between grid lines 1 & 2. See Chief drawing S1/S2. This bracing is necessary. The only other options is to fix the base of all the columns which the foundations weren't designed for or add a rigid moment frame in the bay which the foundations were not designed for. The details for the installation of the anchor bolts is not by Heath Steel nor Chief Buildings. The foundation designer should provide all details below the base of the structure. If the location of the floor anchor needs adjusted slightly to accommodate the foundation designer's requirements, please let us know where you would like it to be placed. Understand the X-bracing in the wall will attach to it.

ITEM #6) There is not a cross section for the frame along grid line 1 since it is not a rigid frame. It is a post and beam end frame and is shown on the elevation on Chief drawing E1/E2.

ITEM #7) Confirmation of the design can be found in the design calculations, beginning on page 11 as well as shown on the drawing you reference RF1/RF2 also on page A3/A4. The amount of the loads is as shown on GMS drawing EM-10 which shows two cable trays weighing 5,240#/each. Per my conversation with John at Weaver we distributed the load equally over 8 points for the south cable tray and over 10 points for the north cable tray.

ITEM #8) We will adjust the bottom of the liner panel to 4" below top of wall. Field trimming of the concrete may be necessary to accommodate this. Modifications to the concrete are to be done by others.

I will formalize this into a letter, but I would like your thoughts before I make them official. I will resubmit the wall panel drawings tomorrow.

Thanks,

Randy Gates
Sales and Service

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