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August 13, 2012

Mr. Wes Weaver, President
Weaver Construction Management, Inc.
3679 South Huron Street, Suite 404
Englewood, CO 80110

Via Email to: wes@weavercm.com
No Hard Copy to Follow

Re: Harold D. Thompson Regional Water Reclamation Facility (HDTRWRF)
Lower Fountain Metropolitan Sewage Disposal District (LFMSDD)

Dear Wes:

Reference is made to your shop submittal identified as follows:

Submittal No.:	08710-003
Date of Submittal:	March 30, 2012
Title:	Hollow Metal Doors/Frames & Finish Hardware for Pumping & Disinfection Building
Specification Sections:	08100 – Metal Doors and Frames 08710 – Finish Hardware
Manufacturers:	Cal-Royal Products, Inc.; Hager Co.; Ives; Pioneer Industries; Precision; Reese Enterprises; Stanley; Simplex; Schlage; Kaba Ilco

The referenced submittal has been stamped "***No Exception Taken***" and "***Revise and Resubmit***". Our comments are as follows:

1. The supplier has provided two *Job Notes* requesting response. Our responses are as follows:

1) Regarding ADA requirements:

Response: The Pumping and Disinfection Building is an unmanned structure. Access to the building is to be limited to operation and maintenance personnel only. Therefore, the door vision lites meeting the 42" ADA compliance is not a requirement. We request the doors be constructed in accordance with the Construction Drawings.

2) This note references the opening identified as D-PD3 and questions the minimum 1 square foot window opening. Please note the following clarification.

- The door that requires a window lite to have 1 square foot of window opening is opening D-PD2, not D-PD3.
- All of the doors can use the 4" x 25" vision lite with the exception of door D-PD2. Door opening D-PD2 is the entrance door to the sodium hypochlorite room. Per Colorado Department of Public Health and Environment requirements, the access door to the chlorine room must have a minimum opening of 1 square foot.
- The question regarding the placement of the vision lite in the 36" door is not applicable to door D-PD2; however, it is applicable to D-PD1, D-PD3 and D-PD4 which are 3' wide doors. We take no exception to the supplier modifying the vision lite location to be 4" between the hinge side of the door and the lite cutout.

2. Page 5, Hardware Set A
 - a. We request the window lite to be installed in the 36" wide doors to be included under the hardware set similar to what has been done with Hardware Set B.
 - b. We take no exception to the hardware noted for Hardware Set A.
3. Page 5, Hardware Set B: **Revise and Resubmit**
 - a. We request the vision lite noted under Pioneer Hmd be modified to reflect the vertical dimensioning as previously noted under *Job Notes*.
 - b. We take no exception to the Model 190S which is indicated under the hardware sets as having a dimension of 10" x 34" which meets the requirements for the kick plate for Hardware Set A. Hardware Set B is proposing to use the same Hager Co. kick plate, 10" x 34"; however, this door is a 4'-6" x 7'-0" door. The kick plate per the project specifications is to be 10" high x 2" less than the width of door. In the case of door opening D-PD2, the kick plate dimension would be 10" x 52". **Revise and Resubmit**
 - c. We take no exception of the use of this threshold for door openings D-PD1, D-PD3 and D-PD4. The threshold for door opening D-PD2 must be 54" in length. **Revise and Resubmit**
 - d. The sweep is identified being a Reese Model DB594AF sweep, 36" in length. Door opening D-PD2 is 54" in width. **Revise and Resubmit**
4. Frame Elevations:
 - a. This elevation sheet lists doors D-PD1, D-PD2, D-PD3 and D-PD4 as being 3'-0" x 7'-0" doors. The D-PD2 door is a 4'-6" x 7'-0" door which does not meet the dimensioning shown. All doors have vision lites and should be dimensioned on the frame elevation. **Revise and Resubmit**
5. Door Design Dimensions:
 - a. The door dimensions for door D-PD2 are shown as being a 3'-0" x 7'-0" door. Per the Construction Drawings, this door is a 4'-6" x 7'-0" door. **Revise and Resubmit**
 - b. Door D-PD2 requires a minimum of 1 square foot of glass opening. As shown, the 6" x 27" vision lite will meet that requirement.
 - c. The door design dimensions for the openings identified as D-PD1, D-PD3 and D-PD4 have the correct dimensioning; however, vision lites are not shown for any of these doors which are required. **Revise and Resubmit**
6. Hager Co. BB1199 Hinge: **No Exception Taken**
7. Stanley phi Apex 2100 Series Exit Device Model US26D: **No Exception Taken**
8. Kaba Ilco Corporation UNICAN Mechanical Pushbutton Lock, L1000 Series, Model 1021: **No Exception Taken**
9. Stanley Model D-4551 Series Door Closer: **No Exception Taken**
10. Ives Floor Stop and Manual Holder, Model FS446: **No Exception Taken**
11. Hager Co. Model 190S Door Kick Plate: **Revise and Resubmit**

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- a. Please see notes for Hardware Set B.
- 12. Reese Enterprises, Inc. Model S426A Saddle Threshold: **Revise and Resubmit**
 - a. Please see notes for Hardware Set B.
- 13. Cal-Royal Products, Inc. Latch Guard Protector, Model GJLPG2: **No Exception Taken**
- 14. Reese Enterprises, Inc. Model 678A Silicone Weatherstrip with Mill Aluminum Exterior: **No Exception Taken**
- 15. Reese Enterprises, Inc. Model DB594AF Door Sweep: **No Exception Taken**
 - a. Please see notes for Hardware Set B.
- 16. Pioneer Industries Series CHP Seamless 1 $\frac{3}{4}$ " Doors: **No Exception Taken with Comments**
 - a. The second page of the Pioneer doors technical data shows the vision lites places on the lockset side of the door which is not acceptable. Please reference the Construction Drawings and the notes for Hardware Sets A and B above where the vision lite is to be placed on the hinge side of the door.
- 17. Pioneer Industries Technical Data – Door Frames: **Revise and Resubmit**
 - a. We take no exception to the Pioneer frame; however, the shop submittal provided for frames is for both Series F14 and F16 frames which represent 14 gauge and 16 gauge frames. None of the technical data has been highlighted or identified on the submittal as being used. We request the door frame submittal be provided and marked to show what is proposed for use on this project.

Please call if you should have any questions.

Sincerely,



David R. Frisch, P.L.S.

DRF/kmw

ec (letter only):

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cc: Mr. Jerry Miller, Resident Project Representative, GMS, Inc.