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October 17, 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.: | 15400-006 |
| Date of Submittal: | October 4, 2012 |
| Title: | Plumbing for Operations Building (CBV-1, EEW-1, FD-1, FD-2, L-1, L-2, MS-1, OB-1, OB-2, S-1, S-2, S-3, SH-1, TMV-1, UR-1, WC-1, WCO, WHA-1, LGV-1, LWW-1, WH-1, RCP-1) |
| Specification Section: | 15400 – Plumbing |
| Manufacturers: | ITT Corporation; Bradley; J.R. Smith Mfg. CO; Precision Plumbing Products; AS America Inc.; Dearborn Brass; BrassCraft Mfg.; IPS Corporation; Leonard Valve Company; Fiat Products; Oatey; Elkay; Insinkerator/Emerson Electric; Chicago Faucets; Spears Manufacturing; Aquatic Bath; WaterSaver Faucet Co.; State Water Heaters; Axiom Industries, Ltd.; Amtrol; Wilo USA LLC |

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

1. CBV-1 – Bell & Gossett Circuit Setter[®] Plus Calibrated Balance Valves with HPT and Solder Connections, Model CB-3/4S: **No Exception Taken**
2. EEW-1 – Bradley S19314 Series Combination Drench Shower and Halo[™] Eyewash or Eye/Face Wash and S19-2100 Emergency Fixture Thermostatic Mixing Valve:
 - a. Bradley S19314 Series Combination Drench Shower and Halo[™] Eyewash or Ey/face Wash: **No Exception Taken**
 - b. Bradley S19-2100 Emergency Fixture Thermostatic Mixing Valve: **Revise and Resubmit**
 - 1) Either provide the Bradley S19-2200 model or utilize the TMV-1 – Leonard Water Temperature Controls High Low Thermostatic Mixing Valve referenced later in this shop submittal for this location.

3. FD-1 – Jay R. Smith Mfg. Co. Floor or Shower Drains with Adjustable Strainer Heads; Precision Plumbing Products Prime-Rite Series Trap Primer Valves and Floor Drain Trap Primer Fresh Water Distribution Systems: **No Exception Taken** and **Make Corrections Noted**
 - a. The FD-1 floor drain is acceptable for all drains in the lower level of the Operations Building. **No Exception Taken**
 - b. A single FD-1 floor drain is shown on Sheet OP-P3 of the Construction Drawings on the upper floor level. Please provide a 3-inch wood deck floor drain due to the plywood floor installation. **Make Corrections Noted**
 - 1) For the wood floor drain consider the following design basis: MIFAB FD230-WF
4. FD-2 – Jay R. Smith Mfg. Co. Floor or Shower Drains with Adjustable Strainer Heads : **Make Corrections Noted** and **No Exception Taken**
 - a. Provide wood deck floor drain due to plywood floor installation.
 - 1) For the wood floor drain consider the following design basis: MIFAB FD230-WF
 - b. Precision Plumbing Products Prime-Rite Series Trap Primer Valves and Floor Drain Trap Primer Fresh Water Distribution Systems: **No Exception Taken**
5. L-1 – America USA American Standard Wheelchair Users Lavatory with Appurtenances (various manufacturers): **No Exception Taken**
6. L-2 – America USA American Standard Wall-Hung Lavatory with Appurtenances (various manufacturers): **No Exception Taken**
7. MS-1 – Fiat Products Mop Service Basin with Appurtenances (various manufacturers): **No Exception Taken**
8. OB-1 – Oatey Ice Maker Outlet Box, Product No. 38681: **Make Corrections Noted**
 - a. The outlet boxes submitted are not provided with water hammer arrestors.
9. OB-2 – Oatey Quadro® Washing Machine Outlet Box, Part # 38530: **Make Corrections Noted**
 - a. The outlet boxes submitted are not provided with water hammer arrestors.
10. S-1 – Elkay Gourmet® Double Bowl Sinks Models LR and LRQ Series, Models LRAD and LRADQ-A.D.A. Compliance Series with Appurtenances (various manufacturers): **Make Corrections Noted**
 - a. Polypropylene piping is not required on this sink as is referenced on Schedule Note 5 of the Construction Drawings.

11. Sink S-2 – Elkay Gourmet® Double Bowl Sinks Models LR and LRQ Series, Models LRAD and LRADQ-A.D.A. Compliance Series with Appurtenances (various manufacturers): **Make Corrections Noted**
 - a. Verify that the manufacturer can provide alternate hole punching. Provide 4-hole punching on the sink, 3 holes centered for domestic water faucet and a fourth hole 12 inches from center line of center hole for RO faucet.
12. S-3 – Elkay Gourmet® Double Bowl Sinks Models LR, LRQ, LRS and LRSQ Series with Appurtenances (various manufacturers): **Make Corrections Noted**
 - a. Verify that the manufacturer can provide alternate hole punching. Provide 2-hole punching on 8-inch centers.
13. SH-1 – Aquatic Bath CAE148 Acrylic Showers Model #CAE148L/R (1 seat, LH or RH) with Appurtenances (various manufacturers): **No Exception Taken**
14. TMV-1 – Leonard Water Temperature Controls High Low Thermostatic Mixing Valves (for Emergency Eyewash): **No Exception Taken**
15. UR-1 – America USA American Standard Washbrook® FlowWise® 0.125 GPF Ultra High Efficient Urinal System and Jay R. Smith Mfg. Co. Urinal Supports: **No Exception Taken**
16. WC-1 – America USA American Standard Champion® 4 Right Height™ Elongated Toilet and Appurtenances: **No Exception Taken**
17. WCO – Jay R. Smith Mfg. Co. Cleanout Plugs and Covers: **No Exception Taken**
18. WHA-1 – Sioux Chief Manufacturing Company Water Hammer Arresters: **No Exception Taken**
19. LGV-1 – Chicago Faucets Mechanical Faucets 980-WS909AGVCP Ball Valves: **No Exception Taken**
20. LGV-2 – Chicago Faucets Mechanical Faucets 980-WS909AGVCP Ball Valves: **No Exception Taken**
21. LWV-1 – WaterSaver Faucet Co. CT62800-6231WSA Pure Water Valve, Stainless Steel, Deck Mounted: **No Exception Taken**
22. WH-1 – State Water Heaters Force™ 90 Series 100 Power Vent Commercial Gas Water Heater; Axiom Industries Limited Model NC-1 'NeutralPal' Condensate Neutralization Kit; Amtrol THERM-X-TROL® Thermal Expansion Absorbers, ST-Series (Non-ASME) 150 PSIG Working Pressure: **No Exception Taken**

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23. RCP-1 – Wilo USA LLC Z-15 Domestic Hot Water Re-Circulation Pump: **No Exception Taken**

Please call if you should have any questions.

Sincerely,



David R. Frisch, P.L.S.

DRF/kmw

ec (letter only):

Mr. Jim Heckman, Manager, LFMSDD, lfmanager@lfmsdd.org

Ms. Cindy Murray, Office Manager, Fountain Sanitation District, fsdistrict@fsd901.org

Mr. Jeff Burst, Project Supt., Weaver Construction Management, Inc., jeff@weavercm.com

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Ms. Leslie Brown, Weaver Construction Management, Inc., leslie@weavercm.com

Ms. Ashley Davis, Plant Engineering Consultants, Inc., ADavis@planteci.com

cc (letter only): Mr. Jerry Miller, Resident Project Representative, GMS, Inc.