



# Weaver

CONSTRUCTION MANAGEMENT

3679 S Huron Street, Suite 404 Englewood, Colorado 80110

Phone: (303) 789-4111 FAX: (303) 789-4310

## SUBMITTAL TRANSMITTAL

May 25, 2012

**WGC Submittal No: 08710-002.A**  
**(Includes 08100)**

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: **Newco Door & Hardware, Inc.**  
6606 E. 47<sup>th</sup> Ave  
Denver, CO 80216  
303-579-0558 [rickbradley@gmail.com](mailto:rickbradley@gmail.com)

SUBJECT: Resubmittal for Hollow Metal Doors/Frames (08100) and for Finish Hardware (08710) at the Equipment & Maintenance Building

SPEC SECTION: 08100 & 08710

PREVIOUS SUBMISSION DATES: 1/27/12

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: 1/27/12

Reviewed by: Leslie Brown

( ) Reviewed Without Comments

(X) Reviewed With Comments

ENGINEER'S

COMMENTS: \_\_\_\_\_

Engineer's Stamp:



**Project: HDTWRF Project**

**Location: Fountain, CO**

**Engineer: GMS Consulting**

**Supplier: Newco Door & Hardware, Inc.**

**Date: 5/25/12**

**Subject: Re-submittal for Doors and Hardware @ EM Building**

**Submittal No. 08710-002.A**

**These questions still need addressed per Newco.**

6) Exterior elevations show all jambs are to have 4" heads. The legend on sheet EM-2 show exterior walls to have 6" studs and wall detail 3 on sheet EM-3 shows the frame butting up in the opening, and does not wrap the walls. What type of anchors do you require in order to install the frames?

**Architect please advise. Response indicates that the contractor is to provide his verification**

7) Interior wall legend shows interior walls to be 4 3/4". Please verify that 5 3/4" frames are correct for the interior walls and verify what type of anchors are required to install these frames.

**Architect / contractor please advise. Response indicates that the contractor is to provide his verification.**

9) The Sparta lever specified is not available with the Kaba Ilco mechanical push button lock sets. In order to keep the lever design consistent, should we change the lever design to the Rhodes lever design?

**Architect please advise.**

Newco Door & Hardware, LLC.,  
6606 East 47<sup>th</sup> Avenue  
Denver, Co. 80216

E-mail: rickbradley56@gmail.com  
P: 303.576.0558 F: 303.576.0565  
Cell Phone: 303.903.3947

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Project:

Harold D. Thompson  
Regional Water Reclamation Facility  
Lower Fountain Metropolitan Sewage Disposal District  
Equipment, Maintenance and Storage Building

Architect:

GMS, Inc.  
Consulting Engineers  
611 N. Weber, Suite 300  
Colorado Springs, Colorado 80903

Phone:            Fax:

Contractor:

Weaver Construction, Management, Inc.  
3679 South Huron Street, Suite 404  
Englewood, Colorado 80110

Phone: 303.789.4111 Fax: 303.789.4310

Prepared By: Rick L. Bradley  
Lptp

Date: January 12, 2012

**Revision Date: May 24, 2012**

Job Number: NC1199

Manufacturers:

Cal Royal - Hinge Pin Stops, Latch guards  
Hager - Hinges, Kick plates, Passage, Privacy  
Ives - Stops  
Pioneer - Hollow Meal Doors & Frames  
Precision - Exit Devices  
Reese - Sweeps, Thresholds, Weather stripping  
Stanley - Closers

In order to better service our customers we require the following information be provided and returned with the approved submittals.

Project Manager: \_\_\_\_\_

Office / Cell Phone Number: \_\_\_\_\_ Fax: \_\_\_\_\_

Email Address: \_\_\_\_\_

Superintendent: \_\_\_\_\_

Office / Cell Phone Number: \_\_\_\_\_ Fax: \_\_\_\_\_

Email Address: \_\_\_\_\_

**Dates Required:**

1) Hollow Metal Door Frames: \_\_\_\_\_

2) Hollow Metal Borrowed Lite Frames: \_\_\_\_\_

3) Hollow Metal Doors: \_\_\_\_\_

4) Timely Steel Frames: \_\_\_\_\_

5) Aluminum Frames: \_\_\_\_\_

6) Wood Doors: \_\_\_\_\_

\*Pre finished wood doors - Sample(s) to be provided by the General Contractor or his agent.

7) Finish Hardware: \_\_\_\_\_

8) Miscellaneous: \_\_\_\_\_

9) If we are to provide the keying for this project, please provide us with the following contact information

Name of the contact: \_\_\_\_\_ Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_ Email Address: \_\_\_\_\_

Please have this signed and returned with the submittals. We will not proceed with fabrication, or purchasing of this project until the above information has been provided.

Failure to provide this information could result in additional lead times and costs.

Signed by: \_\_\_\_\_ Date: \_\_\_\_\_

## Abbreviations

### Abbreviation(s) For Hollow Metal Doors and Frames:

86 - Mortise Lock Prep  
161 - Cylindrical Lock Prep  
453 - 3 Each 4.5" X 4.5" Hinges  
CYL - Cylindrical  
CYLS - Cylinders  
H453 - 3 Each Heavy Weight 4.5" X 4.5" Hinges  
FBW - Fully Back Welded  
FWC - Full Width Cloer Reinforcement  
FWH - Full Width Hinge Reinforcement  
LH - Left Hand  
LHR - Left Hand Reverse  
MRTS - Mortise  
PA - Parallel Arm Closer Reinforcement  
REG - Regular Arm Closer Reinforcement  
RH - Right Hand  
RHR - Right Hand Reverse  
RESR - Rim Exit Strike Reinforcement  
SNB - Sex Nuts and Bolts  
SSR - Special Strike Reinforcement  
TB - Thru Bolt(s)  
UC - Uner Cut  
WGS - Welded Ground Smooth

### Abbreviation(s) For Wood Doors:

86 - Mortise Lock Prep  
161 - Cylindrical Lock Prep  
B1E - Bevel 1 Edge (Leading Edge)  
B2E - Bevel Both Edges  
CYL - Cylindrical  
CYLS - Cylinders  
H453 - 3 Each Heavy Weight 4.5" X 4.5" Hinges  
HC - Hollow Core  
LH - Left Hand  
LHR - Left Hand Reverse  
MPLE - Maple  
MRTS - Mortise  
MVE - Matching Vertical Edge  
PSRO - Plain Slice Red Oak  
RH - Right Hand  
RHR - Right Hand Reverse  
RCB - Rotary Cut Birch  
SC - Solid Core  
SNB - Sex Nuts and Bolts  
SWE - Soft Wood Edges  
TB - Thru Bolts  
UC - Under Cut

Hw Set A

Opng/Tag	Location	Handing
D-EM2	Exterior from Vehicle Bays	Right Hand Reverse
D-EM3	Exterior from Vehicle Bays	Left Hand Reverse

Pioneer Hmf 2 - 3070 5 3/4" 4" hd. 14ga. gal. welded hollow metal frames - Type a prep for H453 hinges, asa strike, parallel arm closer reinforcement

Pioneer Hmd 2 - 3070 1 3/4" flush 16ga. gal. hollow metal doors - Type a prep H453 hinges, 161 cylindrical lockset, standard under cut, seamless edge vision lite cut out 6" x 27" located 7" down and 8" in from hinge side

Nation Guard VL Kits 2 - L-FRA 100 6" X 27" for use with 1/4" glass provide by others

Mfr	Qty	Subtype	Item Description
Hager	6	Butts	BB1199 4.5 X 4.5 US32D nrp
Simplex	1	Mech. Combo Lock	LL1021S 2 3/4 x ASA x US26D LH
Simplex	1	Mech. Combo Lock	LR1021S 2 3/4 x ASA x US26D RH
Schlage	2	I/C Cores	23-030 626
Stanley	2	Closer	D4551 SRI Hold Open x snb 689
Ives	2	Floor Stop	FS448 626
Hager	2	Kick plate	190S 10" x 34" 630
Reese	2	Threshold	S426A 36"
Reese	2	Weather stripping	678A 1/36" x 2/84
Reese	2	Sweep	DB594AF 36"
Cal Royal	2	Latch guards	GJLPG2 US26D

Hw Set B

Opng/Tag	Location	Handing
D-EM13	Exterior from Electrical Room	Left Hand Reverse

Pioneer Hmf 1 - 3070 5 3/4" 4" hd. 14ga. gal. welded hollow metal frames - Type a prep for H453 hinges, rim exit strike reinforcement, parallel arm closer reinforcement

Pioneer Hmd 1 - 3070 1 3/4" flush 16ga. gal. hollow metal doors - Type a Prep H453 hinges, 161 cylindrical lockset, standard under cut, seamless edge vision lite cut out 6" x 27" located 7" down and 8" in from hinge side

Nation Guard VL Kits 1 - L-FRA 100 6" X 27" for use with 1/4" glass provide by others

Mfr	Qty	Subtype	Item Description
Hager	3	Butts	BB1199 4.5 X 4.5 US32D nrp
Stanley	1	Rim Exit	2103 x snb US32D LHR
Simplex	1	Mech. Combo Lock	LP1021S 2 3/4 x ASA x US26D LHR
Schlage	1	I/C Cores	23-030 626
Stanley	1	Closer	D4551 SRI Hold Open x snb 689
Ives	1	Floor Stop	FS448 626
Hager	1	Kick plate	190S 10" x 34" 630
Reese	1	Threshold	S426A 36"
Reese	1	Weather stripping	678A 1/36" x 2/84
Reese	1	Sweep	DB594AF 36"
Cal Royal	1	Latch guards	GJLPG2 US26D

Hw Set D

Opng/Tag D-EM1	Location Exterior from Electrical Room	Handing Right Hand Reverse Active
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Pioneer Hmf                    1 - 5080 5 3/4" 4" hd. 14ga. gal. welded hollow metal frames - Type a  
prep for H454 hinge legs, flush bolt strike, parallel arm closer reinforcement RHR LF only

Pioneer Hmd                    1 - 2680 1 3/4" flush 16ga. gal. hollow metal doors - Type a - RHRA  
prep 454 hinges, 161 cylindrical lockset w/blank latch bolt edge, standard under cut  
**vision lite cut out 6" x 27" located 19" down and 8" in from hinge side**  
Seamless welded edges, astragal mounted to outside edge of active leaf

Nation Guard VL Kits        1 - L-FRA 100 6" X 27" for use with 1/4" glass provide by others

Pioneer Hmd                    1 - 2680 1 3/4" flush 16ga. gal. hollow metal doors - Type a - LHR Inactive  
prep H454 hinges, manual flush bolts, surface mounted rim exit strike, standard under cut  
Seamless welded edges

Mfr	Qty	Subtype	Item Description
Hager	8	Butts	BB1199 4.5 X 4.5 US32D nrp
Hager	2	Manual Flush bolts	282D 12" 626
Hager	1	Dust Proof Strike	280X 626
Stanley	1	Rim Exit	2103 x snb US32D RHR 30"
Simplex	1	Mech. Combo Lock	LP1021S 2 3/4 x ASA x US26D RHR
Schlage	1	I/C Cores	23-030 626
Stanley	1	Closer	D4551 SRI hold open x snb 689
Ives	2	Floor Stop	FS450 626 LHR Lf
Hager	2	Kick plate	190S 10" x 28" 630
Reese	1	Threshold	S426A 60"
Reese	1	Weather stripping	678A 1/60" x 2/96
Reese	1	Sweep	DB594AF 30"
Reese	1	Astragal	357SP 96" x 797B 96"

Hw Set E

Opng/Tag D-EM8	Location Vehicle Bays from Electrical Room	Handing Left Hand Reverse
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Pioneer Hmf 1 - 3070 5 3/4" 14ga. gal. welded hollow metal frames - 1 hour - Type f  
prep for H453 hinges, ASA strike, parallel arm closer reinforcement

Pioneer Hmd 1 - 3070 1 3/4" flush 16ga. gal. hollow metal doors - 1 hour - Type f  
prep H453 hinges, 161 cylindrical lockset, standard under cut  
vision lite cut out 12" x 12" located 7" down and centered  
Seamless welded edges

Nation Guard VL Kits 1 - L-FRA 100 12" X 12" for use with 1/4" glass provide by others

Mfr	Qty	Subtype	Item Description
Hager	3	Butts	BB1199 4.5 X 4.5 US32D
Stanley	1	Rim Exit	F2108 x snb US32D LHR
Stanley	1	Outside Trim	4908D 626
Schlage	1	I/C Rim Cyl. Housing	20-057 626
Stanley	1	Closer	D4551 SRI pa x snb 689
Cal Royal	1	Hinge Pin Stop	IVHP23 626
Hager	1	Kick plate	190S 10" x 34" 630
Reese	1	Threshold	S426A 36"
Reese	1	Weather stripping	678A 1/36" x 2/84
Reese	1	Sweep	DB594AF 36"

Hw Set E.1

Opng/Tag D-EM12	Location Vehicle Bays fr Mechanical Room	Handing Right Hand Reverse
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Pioneer Hmf 1 - 3670 5 3/4" 14ga. gal. welded hollow metal frames - 1 hour - Type f  
prep for H453 hinges, ASA strike, parallel arm closer reinforcement

Pioneer Hmd 1 - 3670 1 3/4" flush 16ga. gal. hollow metal doors - 1 hour - Type f  
prep H453 hinges, 161 cylindrical lockset, standard under cut  
vision lite cut out 12" x 12" located 7" down and centered  
Seamless welded edges

Nation Guard VL Kits 1 - L-FRA 100 12" X 12" for use with 1/4" glass provide by others

Mfr	Qty	Subtype	Item Description
Hager	3	Butts	BB1199 4.5 X 4.5 US32D
Stanley	1	Rim Exit	F2108 x snb US32D RHR 42"
Stanley	1	Outside Trim	4908D 626
Schlage	1	I/C Rim Cyl. Housing	20-057 626
Stanley	1	Closer	D4551 SRI reg x snb 689
Cal Royal	1	Hinge Pin Stop	IVHP23 626
Hager	1	Kick plate	190S 10" x 40" 630
Reese	1	Threshold	S426A 42"
Reese	1	Weather stripping	678A 1/42" x 2/84
Reese	1	Sweep	DB594AF 42"



Hw Set F

Opng/Tag	Location	Handing
D-EM9	Vehicle Bays to Storage	Left Hand
D-EM10	Vehicle Bays to Heated Storage Room	Right Hand

Pioneer Hmf 2 - 3070 5 3/4" 14ga. gal. welded hollow metal frames - Type e  
prep for H453 hinges, ASA strike, regular arm closer reinforcement

Pioneer Hmd 2 - 3070 1 3/4" flush 16ga. gal. hollow metal doors - Type e  
prep H453 hinges, 161 cylindrical lockset, standard under cut  
vision lite cut out 12" x 12" located 7" down and centered  
Seamless welded edges

Nation Guard VL Kits 2 - L-FRA 100 12" X 12" for use with 1/4" glass provide by others

Mfr	Qty	Subtype	Item Description
Hager	6	Butts	BB1199 4.5 X 4.5 US32D
Hager	2	Passage Set	3410 Archer 2 3/4 asa us26d
Stanley	2	Closer	D4551 SRI Reg x snb 689
Cal Royal	2	Hinge Pin Stop	IVHP23 626
Hager	2	Kick plate	190S 10" x 34" 630
Reese	2	Weather stripping	678A 1/36" x 2/84
Reese	2	Sweep	DB594AF 36"

Hw Set G

Opng/Tag	Location	Handing
D-EM11	Vehicle Bays fr Toilet Room	Right Hand Reverse

Pioneer Hmf 1 - 3070 5 3/4" 14ga. gal. welded hollow metal frames - Type c  
prep for H453 hinges, ASA strike, parallel arm closer reinforcement

Pioneer Hmd 1 - 3070 1 3/4" flush 16ga. gal. hollow metal doors - Type c  
prep H453 hinges, 161 cylindrical lockset, standard under cut  
Seamless welded edges

Mfr	Qty	Subtype	Item Description
Hager	3	Butts	BB1199 4.5 X 4.5 US32D
Hager	1	Privacy Set	3440 Archer 2 3/4 asa US26D
Stanley	1	Closer	D4551 SRI x snb 689
Cal Royal	1	Hinge Pin Stop	IVHP23 626
Hager	1	Kick plate	190S 10" x 34" 630
Reese	1	Weather stripping	678A 1/36" x 2/84
Reese	1	Sweep	DB594AF 36"