



Weaver

CONSTRUCTION MANAGEMENT
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SUBMITTAL TRANSMITTAL

April 16, 2012
Submittal #: 13121-003

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: Lefever Building Systems
19089 E Ithaca Dr.
Aurora, CO 80013
970-210-7424 Scott Yarmer

SUBJECT: Pumping and Disinfection Metal Building, Roof System, Textureclad Wall Panels,
and Liner Panels

SPEC SECTION: 13121

PREVIOUS SUBMISSION DATES:

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: 4/16/12

Reviewed by: John Jacob

() Reviewed Without Comments

(X) Reviewed With Comments

Engineer's Stamp:

ENGINEER'S
COMMENTS: _____



Weaver
CONSTRUCTION MANAGEMENT

Project: HDTWRF Project

Location: Fountain, CO

Supplier: Lefever

Date: 4/16/12

Submittal 13121-003 Pumping and Disinfection Metal Building by Varco Pruden.

Additional Submittal Review Comments:

1. In addition to the metal building, this submittal also includes product data for the roof system, Textureclad wall panels, and liner panels
2. Page – 3 WCM provided Lefever as-built conditions of the anchor plates on March 27, but these as-builds do not appear to have been included within Page 3. WCM has included another copy of the as-build conditions per the attached Sheet PD-3A. Page 3 and all other pages affected by Page 3 shall be changed to include these as-builds.
3. Page 5 – Shop coatings noted on this page shall be capable to accept finish coating system specified in 2.2.F. Structural Painting. Please note that this structural painting is by Others. VP to confirm primer is suitable for finish coat.
4. Page 6 – GMS to confirm that the low side of the haunch is 16' clear.
5. Page 7 – request GMS confirm frame and crane clearances and dimensions
6. Page 6 – GMS to confirm column setbacks. Base Plate Elevations per Columns Identification:

<u>Column ID</u>	<u>Base Plate Elevation</u>
CX001	5407.00
EPX001	5407.00
EPX002	5407.00
CX002	5407.00
CX003	5407.00
CX004	5407.00
CX005	5407.00
CX006	5407.00
CX007	5407.00
CX008	5407.00
CX009	5407.00
EPX003	5407.00
EPX004	5407.00
EPX005	5407.00

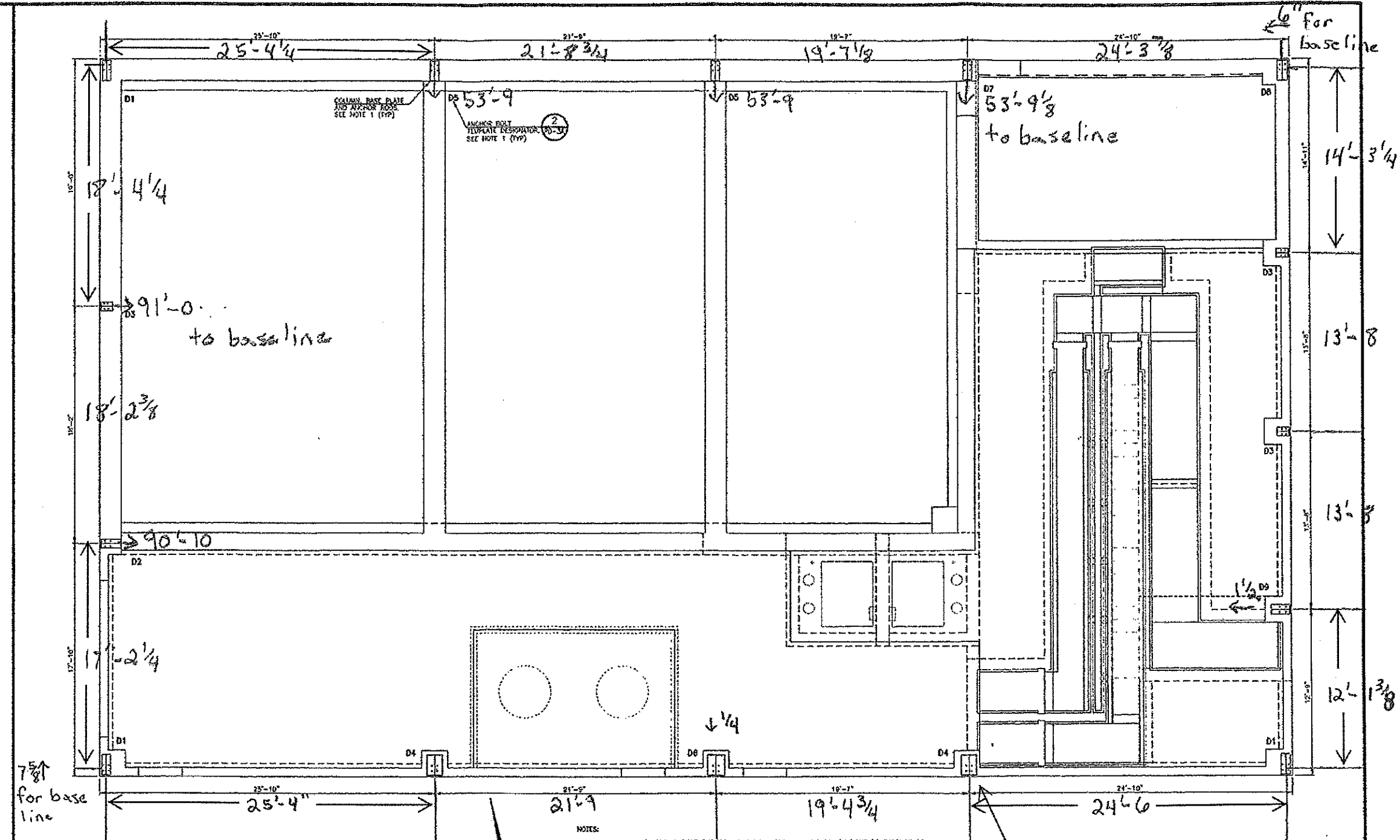
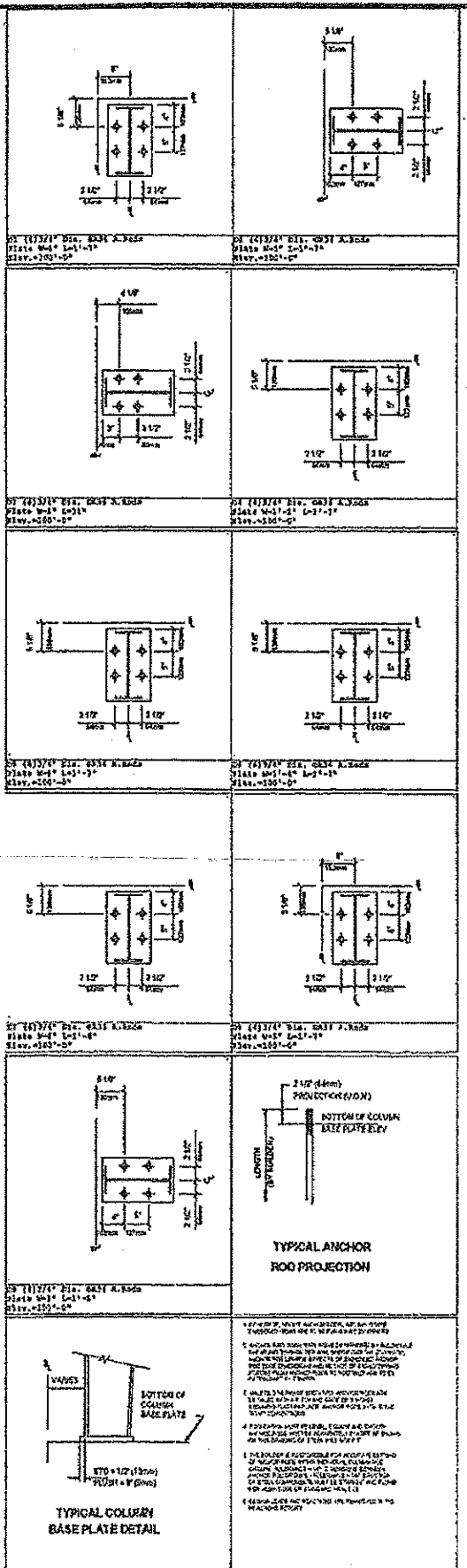
CX010

5407.00

7. Girts are 'C' channel in-lieu of 'Z' frame.
8. Page 16 – It appears that the inset girt will interfere with the OH jam on the end wall frame. WCM has requested from VP a possible solution to this matter. The following is a comment from VP “There are couple issues that need to be worked through and considered on this: First, currently the endwall frame is set up as an inset girt condition which will cause the crane brackets and runway beams to foul with the girts. Second, if this is an OH door, Inside mount coiling door, or Vertical Lift door, the crane runway beams would interfere with the door. Third, with the current crane elevation, the crane system is lower than the OH door header height. Is this going to work?” WCM request’s that GMS provide input as well.
9. Page 16 – The horizontal locations for the louvers appear to be correct. Regarding the vertical locations, the top elevation of the framing for the louvers are to set at the bottom of the contrast strip (Note 3 on Sheet PD-1). The contrast strip bottom elevation is 5414.70. The rough opening for the louvers appears to be shown as 60”. This rough opening shall be changed to 52” per the schedule shown of Sheet MPD-2 to accommodate the louvers. Rough opening for the OH door appears to be correct.
10. Page 17 – Bottom of door elevation is 5405.70 per E/PD-7. Confirm that the EF locations are at 17’ above finish floor. It appears they are currently located at 16’ 9” above finish floor.
11. Page 17 – GMS to confirm the open size of the EFs. They are currently shown at 2’ square.
12. Page 18 - The horizontal locations for the louvers appear to be correct. Regarding the vertical locations, the top elevation of the framing for the louvers are to set at the bottom of the contrast strip (Note 3 on Sheet PD-1). The contrast strip bottom elevation is 5414.70. The rough opening for the louvers appears to be shown as 60”. This rough opening shall be changed to 52” per the schedule shown of Sheet MPD-2 to accommodate the louvers.
13. Page 19 – The doors shown on this page have bottom of door elevation is 5404.70 per C/PD-7. The horizontal locations for the louvers appear to be correct with the exception of FO2 which is showing a distance of 6’-11 ½” from the door. Sheet PD-1 shows this distance of 7’ 6”. GMS please confirm which distance is acceptable. Regarding the vertical locations, the top elevation of the framing for the louvers are to set at the bottom of the contrast strip (Note 3 on Sheet PD-1). The contrast strip bottom elevation is 5414.70. The rough opening for FO1 and FO2 louvers appears to sufficient; however, the rough opening for Louver-2 appears to be shown as 60”. This rough opening shall be changed to 52” per the schedule shown of Sheet MPD-2 to accommodate the louvers.
14. Page 22 - GMS to confirm Roof panel color and trim color with the attached VP Buildings Standard Wall, Trim and Roof Colors.
15. Page 23 – All wall panels to be Varco Pruden Textureclad 20 gauge. GMS to confirm wall panel colors per the attached VP Textureclad Wall Panel Colors. The bottom of the accent strip shall be 5414.70 per Sheet PD-1 and will be 4’ high.
16. Page 27 – Liner Panel to be ribbed. VP is submitting 1 3/16” ribbed height in-lieu of 5/8” specified, GMS to confirm. WCM takes no exception to the color white KXL finish, but no color chart provided. GMS please confirm liner panel locations and height, again.

17. Page 33 – VP is showing the distance from top of rail to finish floor at 13' 4 3/8" while Sheet PD-2A shows this distance at 13' 10". GMS to confirm if VP's height as drawn is sufficient.
18. The Bridge crane, trolley and hoist will be submitted at a later date.
19. Insulation product data to be submitted at a later date.
20. Erectors certification to be submitted at a later date.

End or Review.



This bolt pattern is 2" West of where it should be.

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VP Buildings		ANCHOR ROD PLAN - DETAILS	
3000 Pagers Club Circle	Maple Hills, CO 80640	10000	10000
VP BUILDINGS	VP BUILDINGS	VP BUILDINGS	VP BUILDINGS
VP BUILDINGS	VP BUILDINGS	VP BUILDINGS	VP BUILDINGS

REVISIONS		
NO.	DATE	DESCRIPTION
1	11/17/2011	ISSUE FOR BIDDING COLUMN ANCHOR ROD ACCIDENT
2	2/10/2012	ISSUE FOR WALK DOWN

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BUILDING COLUMN PLAN
 HAROLD D. THOMPSON REGIONAL WATER RECLAMATION FACILITY
 LOWER FOUNTAIN METROPOLITAN SEWAGE DISPOSAL DISTRICT

DRAWN: BMM
 DESIGNED: WMM/JP/MS
 CHECKED: WMM/JP
 DATE: 2011
 PROJECT NO.: 20108.372
 GMS FILE NO.: 2592

GMS, INC.
 CONSULTING ENGINEERS
 511 N. WEBER, SUITE 300
 COLORADO SPRINGS, COLORADO 80903

SHEET
PD-3A
 OF

SETTING TEMPLATES
 SCALE: NONE