

GMS, INC.
CONSULTING ENGINEERS
611 NORTH WEBER, SUITE 300
COLORADO SPRINGS, COLORADO 80903-1074

TELEPHONE (719) 475-2935
TELEFAX (719) 475-2938

EDWARD D. MEYER, P.E.
ROGER J. SAMS, P.E.
GREGORY R. WORDEN, P.E.
THOMAS A. McCLERNAN, P.E.

KEN L. WHITE, P.L.S.
DAVID R. FRISCH, P.L.S.
MARK A. MORTON, P.E.
JASON D. MEYER, P.E.

September 16, 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.:	06100-003
Date of Submittal:	September 13, 2012
Title:	I-Joists for the Operations Building
Specification Section:	06100 – Carpentry
Manufacturers:	NDF Construction, Inc.

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

1. ***"No Exception Taken"*** is taken to the NDF Construction, Inc. submittal as provided to GMS, Inc. via electronic mail/submission. See redline comments provided by the structural engineering consultant of record, MGA Structural Engineers marked on the 2 page submittal.
2. The comment numbered 3 on the "Additional Submittal Review Comments" dated September 12, 2012 prepared by Weaver Construction Management, Inc. requires revision. The referenced dimension on the NDF Construction, Inc. submittal drawing Sheet 2 of 2 is correct. The same dimension on the project drawings Issued For Construction requires revision. An ESI will be issued in due course of the project.

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
Mr. John Jacob, Project Mgr., Weaver Construction Management, Inc., john@weavercm.com
Mr. Adam Roeder, Weaver Construction Management, Inc., aroeder@weavercm.com
Ms. Leslie Brown, Weaver Construction Management, Inc., leslie@weavercm.com
Mr. Mike Gaines, P.E., MGA Structural Engineers, mg@mgase.com
cc: Mr. Jerry Miller, Resident Project Representative, GMS, Inc.



PH 303-789-4111
FX 303-789-4310

3679 So. Huron St., Suite 404
Englewood, Colorado 80110

Project: HDTWRF Project

Location: Fountain, CO

Supplier: NDF Construction Inc.

Date: 9/12/12

Submittal : I-Joist for Operations Building

Additional Submittal Review Comments:

1. Yes the joists will be supported by the stud wall around the pilasters.
2. The dimensions of 8 ½" and 3 ½" are correct.
3. The dimension of 21' 3 ½" should be 21' 3".
4. The design load of 125 PSF for the live floor is correct.

also - THIS SHOULD BE
21'-3 1/2" - RYS
GMS, Inc.

Reviewed by Adam Roeder

End of Review

RED I MATERIAL LIST

MARK	DEPTH	SERIES	GRADE	QTY	LENG	REMARKS
FI	20"	NON	SL	16	25'-0"	FIELD TIE

ACCESSORIES

ITEM	LOST DEFINING PACE	SERIES	QTY	REMARKS
BLOCKING PANEL	20"	NON	16	
RED STIFFENER	20"	NA	182	FACTORY ATTACHED
RED STIFFENER	20"	NON	182	FIELD INSTALLED

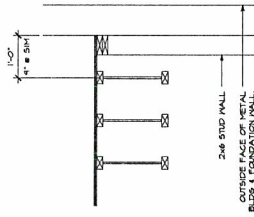
HARDWARE MATERIAL LIST

ITEM	RED STIFFENER	LOST	SERIES	QTY	REMARKS
MT420	YES	20"	NON	14	

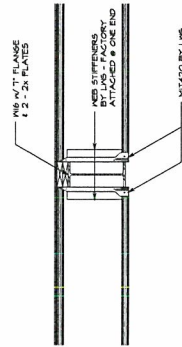
NAILING SCHEDULE

MODEL	TOP	PAGE	JOIST
MT420	(A) 18d	(A) 18d	(2) 10d x 16" (NG)

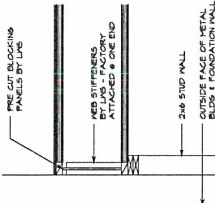
NOTE: ALL JOISTS
NAILS BY S.C.



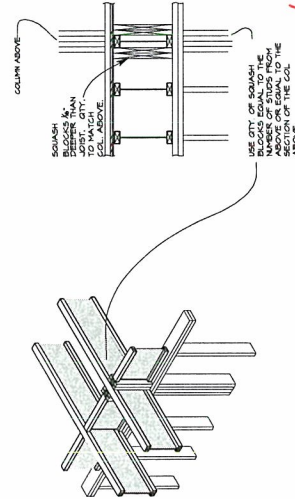
SECTION C
SCALE 1/4" = 1'-0"



SECTION B
SCALE 1/4" = 1'-0"



SECTION A
SCALE 1/4" = 1'-0"



SQUASH BLOCK DETAIL
N/A

DESIGN LOADS
125 PSF
FLOOR LIVE
125 PSF
ROOF DEAD
125 PSF
ROOF LIVE
125 PSF
TOTAL LOAD

ALL STRAINS, HURRICANE TIE
NAILS, BOLTS, ETC. BY S.C.

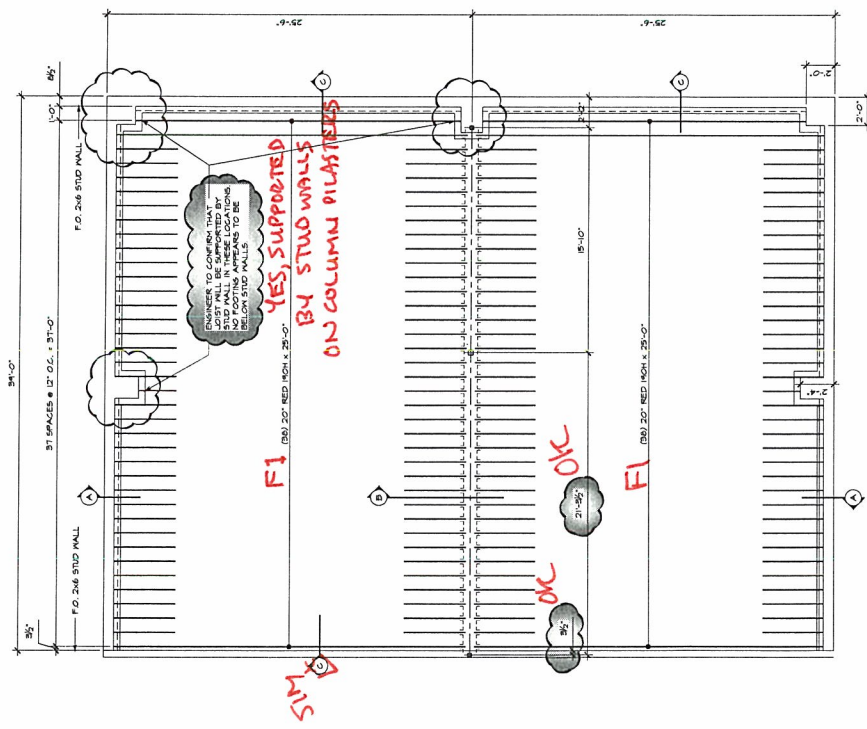
JOIST LAYOUT DOES NOT
MATCH DRAWING. ALL
MECHANICAL PENETRATIONS
SHOWN IN SECTION.

OK

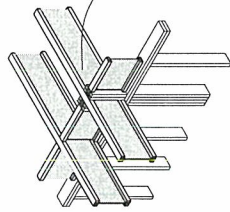
FOR APPROVAL ONLY
SET 18 202
DO NOT USE FOR CONSTRUCTION

HAROLD D THOMPSON ~ OPS BUILDING
FOUNTAIN, CO
CONTRACTOR, NOF CONSTRUCTION
ARCHITECT, GMS, INC.

CHECKED BY: DATE: 10 SEPT 12
DRAWN BY: M.L.
SHEET: 1
OF: 2

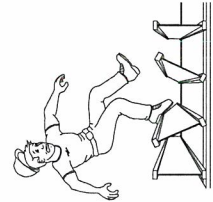


FUTURE STORAGE FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"



N/A

SQUASH BLOCK DETAIL
N/A



DO NOT REMOVE LATERAL SUPPORT UNTIL FULL LATERAL BRACING (IE BRACING, BRACING, ETC.) IS IN PLACE. BRACING MUST BE FULLY INSTALLED AND PROPERLY LATERALLY SUPPORTED DO NOT STACK MATERIAL ON TOP OF BRACING. BRACING MUST BE FULLY DESIGNED TO SUPPORT THE LOAD.

ALL STRAPS, MARGINE TIES, ETC. ARE BY OTHER TYP.

ALL REQUESTS FOR VERIFIED OR UNVERIFIED CHANGES TO THESE WORKS IN THE APPROVAL PROCESS WILL BE REJECTED AND WILL BE REJECTED.

OK

FOR APPROVAL ONLY
SEPT 11 2011
DO NOT USE FOR CONSTRUCTION

JOB NUMBER 12040962
HAROLD D THOMPSON ~ OPS BUILDING
CONTRACTOR: NDF CONSTRUCTION
ARCHITECT: GMS, INC.
CHECKED BY: DATE: 10 SEPT 12
DRAWN BY: MAL
REVIEWED: SHEET: 2
REVISED: SHEET: 2