interior wall - 5/8" GWB, 3 5/8" metal stud, 5/8" GWB

8" CMU - see plans for wall ht.

WALLS AND INTERIOR PARTITIONS, NONCOMBUSTIBLE

GA FILE NO. WP 1200	GENERIC	1 HOUR FIRE	40 to 44 STC SOUND

GYPSUM WALLBOARD, STEEL STUDS

One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel or at right angles to each side of 3 5/8" steel studs 24" o.c. with 1" Type S drywall screws 8" o.c. at vertical joints and 12" o.c. at floor and ceiling runners and intermediate studs.

Joints staggered 24" on opposite sides. (WLR)

Thickness: 4 7/8"
Limiting Height: Refer to Section IV
Approx. Weight: 6 psf
Fire Test: PIM WP-48, 6-19-68; CBU T-1770, 5-61; ULC 797/494, 797/500, 797/497, 6-12-61, ULC Design W416
Sound Test: NGC 2285, 7-28-70

not used

exterior building wall - metal building siding, R13 vinyl faced insulation

2 WALL SCHEDULE
SCALE: NTS

*See RFI 025 and Sketch SKAF1 for added exterior Concrete Per owner Direction

See RFI-025 opp. page.

See Sheet AMP-1

150'-0"

25'-0" | 25'-0" | 25'-0" | 25'-0" | 25'-0" | 25'-0"

100'-2"

20'-0" | 20'-0" | 20'-0" | 20'-0" | 20'-0"

Wall and Ceiling Liner panel added Per owner direction

Grp. wallboard backsplash

RFI-32 Masonry to 10' then grp. wall board to deck

RFI 034, Liner Panel to 8'-0" AFF this side of wall

Wall; Ceiling liner Panel added per owner direction

SE Corner

16' X 16' X 12" THICK CONCRETE PAD

19N STORAGE TANK

FR-56 STORAGE TANK

FCI

Request for Information 046

Detailed RFIs Shipped by WH Number

Subject	Discipline	Category
Fiberglass Bulk Storage Tanks at Fine Sites	Civil/Structural	

Contacting Name	Contact Name	Telephone Number	Fax Number
FCI Constructors, Inc. - OJ	Andy Hitchcock	918-492-6600	918-492-6670
FCI Constructors, Inc. - OJ	Ron Fowler	918-492-6600	918-492-6670
FCI Constructors, Inc. - OJ	Steve Jager	918-492-6600	918-492-6670
Halliburton Energy Services, Inc.	Gene Bakkum	(970) 529-2400	(970) 529-2623
Halliburton Energy Services, Inc.	Ed Ellis	(970) 529-2400	(970) 529-2623
Kristiansen Rental Services, Inc.	Wayne Kristiansen	918-352-3018	918-352-3018

Meeting Minutes Prepared by: Ed Ellis Date Prepared: 8/24/2007 Page 1

Meeting Date: 8/24/2007 Time: 2PM

Discussion: At the Progress Meeting, Minutes Item 007-004, Jason 8/24/2007, we evaluated has been resolved regarding the Bulk Storage tank pads shown on the "Site Plan" dated 8/24/2007. The original scope of work was for one storage tank pad of the southeast corner of the AmeriFlex building. All of the remaining tank pads were added to the scope of work. Additional storage tank pad is not included in FCI's contract. Time cards 7" conduits for future work were included for use of the southeast tank area.

Disposition:

Answer: Date Answered: 8/24/2007

Halliburton - ALL AmeriFlex, WestWay Fac, LegalPlayed # 18-8-03 FCI Constructors, Inc. - OJ
5 NW 5 Road Tel: (918) 492-6600 (970) 523-0370 (970) 523-0628 Fax: 918-
TONKAWA, OK 74653 SCHEDULE Date Created: 8/14/2007

RFI #: 046 Date Created: 8/14/2007

Answer Company	Answered By	Anticipated Date	Authorized By
Halliburton Energy Serv., Inc. - OJ	Steve Fowler	8/24/2007	Steve Fowler
P. O. Box 1431	Fax: 970-434-1600	Fax: 970-434-1600	
Grand Junction, CO 81502		Grand Junction, CO 81502	

Cost Recommendation: Further RFI Number:

Subject	Discipline	Category
Fiberglass Bulk Storage Tanks at Fine Sites	Civil/Structural	

Contacting Name	Contact Name	Telephone Number	Fax Number
FCI Constructors, Inc. - OJ	Andy Hitchcock	918-492-6600	918-492-6670
FCI Constructors, Inc. - OJ	Ron Fowler	918-492-6600	918-492-6670
FCI Constructors, Inc. - OJ	Steve Jager	918-492-6600	918-492-6670
Halliburton Energy Serv., Inc.	Gene Bakkum	(970) 529-2400	(970) 529-2623
Halliburton Energy Serv., Inc.	Ed Ellis	(970) 529-2400	(970) 529-2623
Kristiansen Rental Services, I	Wayne Kristiansen	918-352-3018	918-352-3018

Meeting: Progress Meeting, Minutes Item 007-004, Jason 8/24/2007, we evaluated has been resolved regarding the Bulk Storage tank pads shown on the "Site Plan" dated 8/24/2007. The original scope of work was for one storage tank pad of the southeast corner of the AmeriFlex building. All of the remaining tank pads were added to the scope of work. Additional storage tank pad is not included in FCI's contract. Time cards 7" conduits for future work were included for use of the southeast tank area.

Disposition:

Answer: Date Answered: 8/24/2007

*See RFI 027 opp. page for interior containment details.

FD-1's in Acid/Frac loading Slabs are 3' x 10' x 2' deep

16' x 16' x 12" thick concrete pad

FRP sump Deleted

Perimeter walls to deck Typ.

Interior walls to 9'10" Typ.

1 hour fire wall 6" Studs; Drywall to deck

Traffic Rated Lid

Arbon ML-900 Mechanical Dock Leveler added Per Owner direction

Rye Wash w/ full vertical track

See RFI-025 opp. page.

CHEMICAL STORAGE 101 8,000 S.F.

CONTAINMENT AREA 107 15" DEEP = 9,850 GALS. (INCLUDES SUMP)

LOADING SLAB 108 15' X 70'

LOADING SLAB 100 20' X 70'

RAMP UP slope 1:12

FUTURE EXPANSION

WATER

CHEMICAL STORAGE TANKS

RAISED WALKWAY

LOADING APRON

SLOPE

Office 106 | Office 105 | Hall 107 | Storage 104 | Restroom 103 | HW | Rye Wash

1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

SHAPE

HALLIBURTON

REAL ESTATE SERVICES
1015 BOIS D' ARC,
DUNCAN, OKLAHOMA 73536-0314
(580) 251-3266

P.O. BOX 895, MOLINA, CO 81464

WWW.SHAPEDESIGN.COM

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F:970.476.3364

T:970.487.3366

SHAPE

BASE DRAWING	10 JAN 06
REVISIONS	19 MAY 06
FOR PERMIT	29 JUN 06
FOR CONSTRUCTION	17 JUL 06
REVISIONS	29 AUG 06
1 ADDENDUM # 1	10 JAN 07

CHEMICAL LOADING FACILITY FLOOR PLAN

A2.0

SHAPE