

1811 SW RIVER DR

REV-01 C011-144497

Rev 01 CO 11-144497

X

OCT 17 2011
MICROFILMED

1



MADDEN & BAUGHMAN
ENGINEERING, INC.

June 22, 2011

Mr. Mark LaCroix
City Center Construction, Inc.
12939 NE Stanton Street
Portland, OR 97230



RE: NW Dreamlife, partition walls
1811 SW River Drive, Suite 300

Dear Mark,

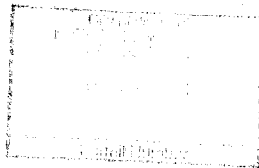
Attached please find structural calculations for the lateral force bracing for two partition walls for the NW Dreamlife tenant improvement located at 1811 SW River Drive, Suite 300, in Portland, Oregon. The bracing is designed to meet the requirements of the 2010 Oregon Structural Specialty Code.

If you have any questions please call me.

Sincerely,

Jerome A. Madden III

Jerome Madden, P.E., S.E., Principal
Madden & Baughman Engineering, Inc.

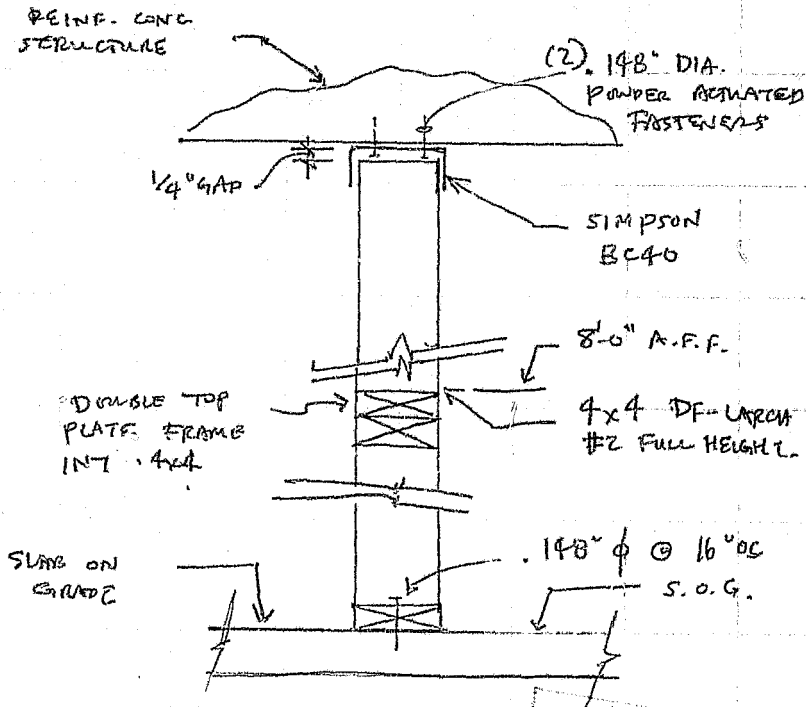


11-141497-Rev 01



MADDEN & BAUGHMAN
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321 SW 4th Avenue, Suite 500, Portland, OR 97204
tel 503.236.7611 / fax 503.236.9411
www.maddenbaughman.com

Project	DREAMLIFE N.W.	By	JM	Sheet No.	S3
Location		Date	6/23/11	Job No.	
Client		Revised			
		Date			



609 12.31.12



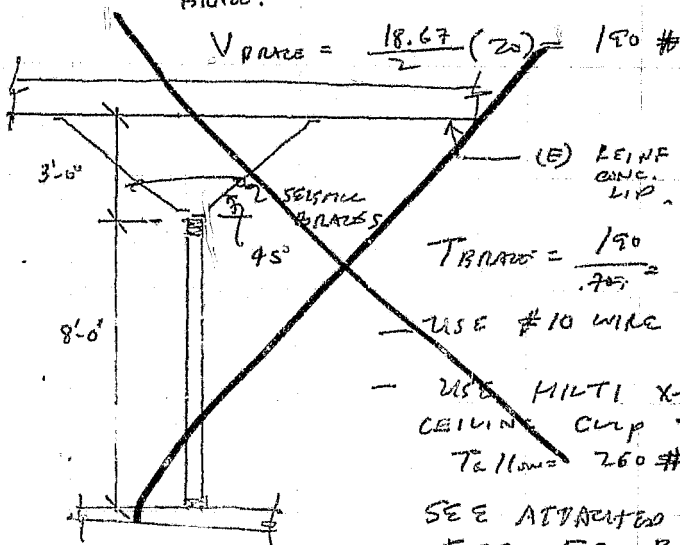
MADDEN & BAUGHMAN
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321 SW 4th Avenue, Suite 500, Portland, OR 97204
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www.maddenbaughman.com

Project	By	Checked
Location	Date	DATE
Client	Reviewed	DATE
	Date	

$$V_{ea} = 5 p_s f \left(\frac{8}{2} \right) = 20 p | f.$$

Top

FOR 18'-8" W/AM ASSUME MIDSPAN
BARGE.



$$T_{BRACE} = \frac{190}{.707} = 260 \#$$

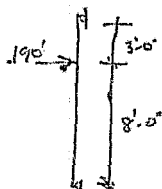
USE #10 WIRE

USE MULTI X-CC 27-C32
CEILING CLIP

Tallies 260 # OK

SEE ATTACHED
ECC-ES REPORT.

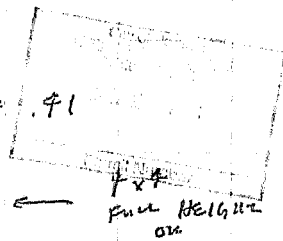
ALTERNATE 9x4:



$$M_{xx} = \frac{.190 (3) (8)}{11} = .41$$

$$S_{xx} = 2.1$$

$$f_{bxx} = .69 ksi OK$$



Full Height
OK



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PROJECT: **DREAMLIFE N.W.**

BY: **JTM**

DATE:

LOCATION: **1811 SW RIVER DR.**

DATE: **6/27/11**

SHEET: **51**

CLIENT: **MICHAEL LA CROIX**

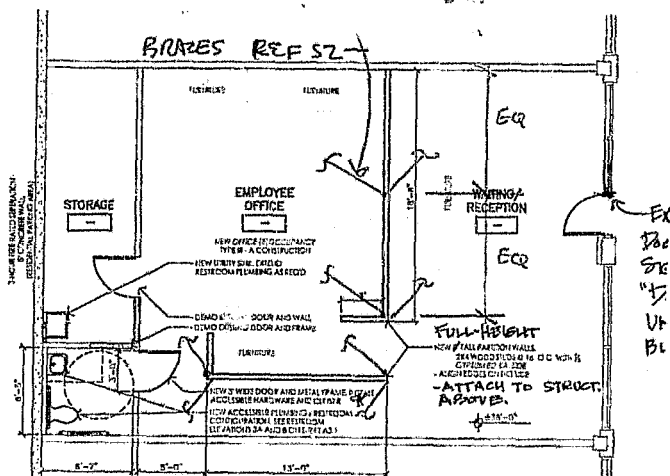
REVISION:

DATE:

DREAMLIFE N.W. T.I. REMODEL

• MIN 5 psf SEISMIC FORCE

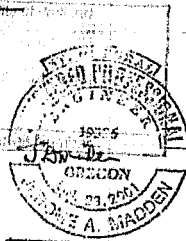
• 8'-0" TALL INTERIOR STUD WALLS



2
A2.1

NEW FLOOR PLAN

W/ PRIVACY LATCH W/ OCCUPIED INDICATOR



EXPIRES: 12/31/12