

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 9902804

Insp Area: 4

Site Address: 1600 EXPO PK SAC

Parcel No: 275-0310-001

Sub-Type: NOTHR

Housing (Y/N): N

CONTRACTOR

JERRY SNARR CONST.
2379 MAGGIO CR
LODI CA 95240

OWNER

PRICE CO.
999 LAKE DR
ISSAQUAH WA 98027

ARCHITECT

Nature of Work: INSTALL 6X4 INTERIOR 1HR RATED WINDOW

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 531175 Date 4/2 Contractor Signature Jerry Snarr TLS

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 4/2/99 Applicant/Agent Signature Jerry Snarr

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier EXEMPT Policy Number _____ Exp Date _____

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 4/2/99 Applicant Signature Jerry Snarr

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO
APPLICATION FOR ██████████ BUILDING PERMIT

DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION

1231 I Street, Rm. 200
Sacramento, CA 95814 (916) 264-7619 FAX 264-7046

PLAN CHECK # 9902804C Insp. Area 4

Applicant **MUST** complete ALL Unshaded areas this page only

ADDRESS 1600 EXPO PARKWAY SAC. CA. 95815 Suite _____

PARCEL # REFER SH-1 275-0310-003-0000

<p align="center">CONTACT</p> <p>Name <u>ETELIA LUCERO</u></p> <p>Address <u>200 NORTHROP WAY</u> <u>BELLINGHAM WA</u> Zip <u>98005</u></p> <p>Phone <u>360-822-0444</u> FAX _____</p>	<p align="center">LICENSED CONTRACTOR Lic No. # <u>B53175</u></p> <p>Name <u>JERRY SWARR CONST</u></p> <p>Address <u>2379 MAGGIO CIRCLE</u> <u>LODI CA.</u> Zip <u>95290</u></p> <p>Phone <u>209-334-4632</u> FAX _____</p>
<p align="center">ARCHITECT/ENGINEER</p> <p>Name <u>MUWANNY ARCHITECTS</u></p> <p>Address <u>SAME AS CONTACT ABOVE</u></p> <p>Zip _____</p> <p>Phone _____ FAX _____</p>	<p align="center">OWNER ██████████</p> <p>Name <u>COSTCO WHOLESALE CORP</u></p> <p>Address <u>999 LAKE DRIVE</u> <u>ISSAQUAH WA</u> Zip <u>98027</u></p> <p>Phone <u>425-33-6759</u> FAX _____</p>

→ Will the permittee have any employees on the jobsite? Yes No

→ If WORKER'S COMPENSATION POLICY # _____ EXPIRATION DATE: _____

NAME OF INSURANCE COMPANY: _____

NATURE OF WORK IN DETAIL: INSTALL 6x9 WINDOW IN 1 HR RATED
SEAL (INTERIOR)

DBA				VALUATION: <u>3200⁰⁰</u>						
FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHEL	APT	TI()	REM(<input checked="" type="checkbox"/>)	SW	FIRE	ADD	OTH
INSP. DISCIPLINES		BLDG	MECH	PLUMB	ELEC	SITE	FIRE			
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. Y/N		Fed Code	Vio. File	
						Spr	Alarm	<u>15</u>	<u>N</u>	
B	L	P	M	E	F	S	D	R		
<u>13</u>	<u>13</u>									

COMMENTS: _____

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No

GENERAL NOTES:

INDEX OF DRAWINGS:

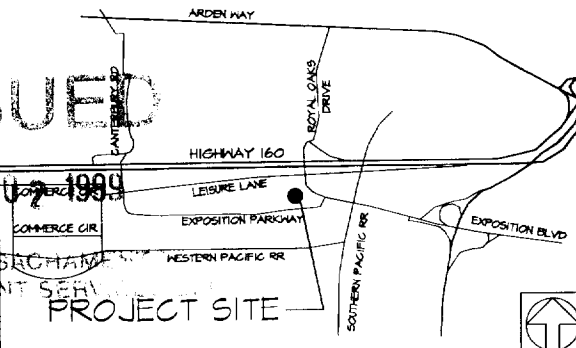
1. GENERAL CONTRACTOR TO VERIFY EXISTING CONDITIONS, CODE REQUIREMENTS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES TO PLANS, OBSTRUCTIONS, AND DIMENSIONAL DISCREPANCIES PRIOR TO BID.
2. CONTRACTOR TO TO PROTECT AND REPAIR ALL EXISTING WORK AFFECTED BY WORK UNDER THIS CONTRACT. FINISH TO MATCH EXISTING.
3. GENERAL CONTRACTOR TO MEET WITH THE WAREHOUSE MANAGER TO DISCUSS PHASING PLAN AND HOW IT MAY AFFECT WAREHOUSE OPERATIONS.
4. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL INSPECTIONS BY ALL GOVERNING AGENCIES AND CONSULTANTS.
5. CONTRACTOR TO SUBMIT A CONSTRUCTION SCHEDULE TO THE ARCHITECT WITH THE BID.
6. ALL LOUD/NOISY AND POTENTIALLY DANGEROUS WORK (I.E. DEMOLITION, CONCRETE, SAW CUTTING) WILL BE DONE AFTER OR PRIOR TO NORMAL WAREHOUSE HOURS OR SCHEDULE W/MANAGER'S APPROVAL.
7. THE CONSTRUCTION, REMODEL, OR DEMOLITION OF A BUILDING SHALL COMPLY WITH C.F.C. ARTICLE 87.
8. BEFORE SUBMITTING BID PROPOSAL GENERAL CONTRACTOR TO VISIT THE SITE OF THE WORK AND FULLY INFORM HIMSELF OF EXISTING CONDITIONS AND LIMITATIONS. (EX. FIXTURES, CONDUITS, ETC.)
9. ALL EQUIPMENT TO REMAIN THE PROPERTY OF COSTCO WHOLESALE.
10. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND DIMENSIONS.
11. PROVIDE TEMPORARY FULL - HEIGHT DUST SCREEN. MAINTAIN ALL APPLICABLE EXISTING REQUIREMENTS OF THE COUNTY.
12. CONTRACTOR TO PROVIDE/MAINTAIN EGRESS PATHS THROUGHOUT DEMOLITION INCLUDING BUT NOT LIMITED TO LIGHTING EXIT SIGNS AND SPRINKLERS.

- DWG. 1 TITLE SHEET
- DWG. 2 FLOOR PLAN
- DWG. 3 ENLARGED PLAN
- S-1 ELEVATION - TIRE WALL

SCOPE OF WORK:

TENANT IMPROVEMENT WITHIN EXISTING RETAIL WAREHOUSE TO ADD A 6'-0" BY 4'-0" 1 HR RATED WINDOW BETWEEN THE EXISTING TIRE SALES AND TIRE INSTALLATION.

VICINITY MAP:



LEGAL DESCRIPTION

LOT 3, AS SHOWN ON THAT CERTAIN PARCEL MAP ENTITLED "WOODLAKE BUSINESS PARK RECORDED AN MAY 14, 1997 IN BOOK 245 OF MAPS AT PAGE 7.

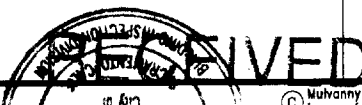
ASSESSOR'S PARCEL NUMBER
275-0310-003-0000



CITY OF SACRAMENTO
PERMIT ASSISTANCE

MAR 26 1999

Violation of any City Ordinance or State Law
SHALL NOT be held to permit or approve the
The approval of this plan and specification
Building Inspection Division



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MULVANNY PARTNERSHIP

11820 Northup Way, #E300, Bellevue, WA 98005 (425)822-0444 FAX (425)822-4129

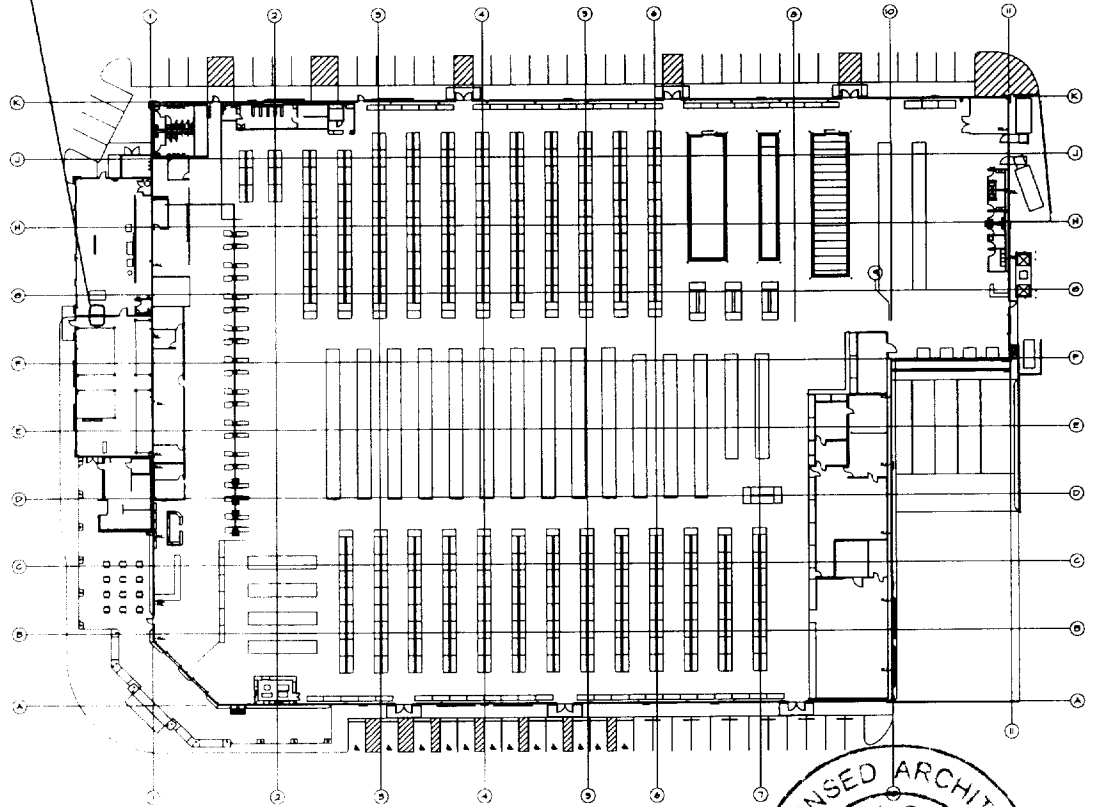
2/8/99	SUBMITTED FOR BID
3/17/99	SUBMITTED FOR PERMIT

TITLE SHEET

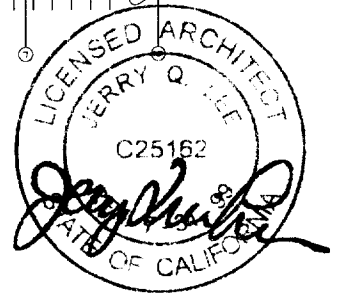
PROJ. NO. : 94-189C	DRAWING NO. :
WHSE. NO. : 471	1
PLOT DATE : 1/18/99	
PROJ. MGR. : DSV/LL	

TIRE CENTER WINDOW
1600 EXPO PARKWAY
SACRAMENTO, CA 95815
CAL EXPO

AREA OF WORK
THIS PERMIT



FLOOR PLAN
= 00'-0"



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MULVANNY PARTNERSHIP

ARCHITECTS P.S.
Jerry Quinn Lee ■ Mitchell Smith ■ Carol Simpson ■ Ronald Maddox
11820 Northrup Way #E300, Bellevue, WA 98005 (425)822-0444 FAX (425)822-4129

2/8/99 SUBMITTED FOR BID
3/17/99 SUBMITTED FOR PERMIT

SITE PLAN

TIRE CENTER WINDOW
1600 EXPO PARKWAY
SACRAMENTO, CA 95815
CAL EXPO

PROJ. NO. : 94-189C
WHSE. NO. : 471
PLOT DATE : 1/18/99
PROJ. MGR. : DSV/LL

DRAWING NO. :

2

EXISTING TIRE INSTALL

*SUBMIT SPEC FROM MANUFACTURER
TO BID FOR APPROVAL
INSTALLATION*

ONE 6'-0" W X 4'-0" H 1 HR
RATED WINDOW ASSEMBLY
SILL HT. 3'-4" AFF.
MFR. FIRELITE NT

6'-0" 4'-0"

NOTE: WINDOW OPENING IS NOT TO BE OVER
CUT AT THE CORNERS IN ANY DIRECTION.

EXISTING TIRE SALES

R.L.



ENLARGED PLAN
18'-0"

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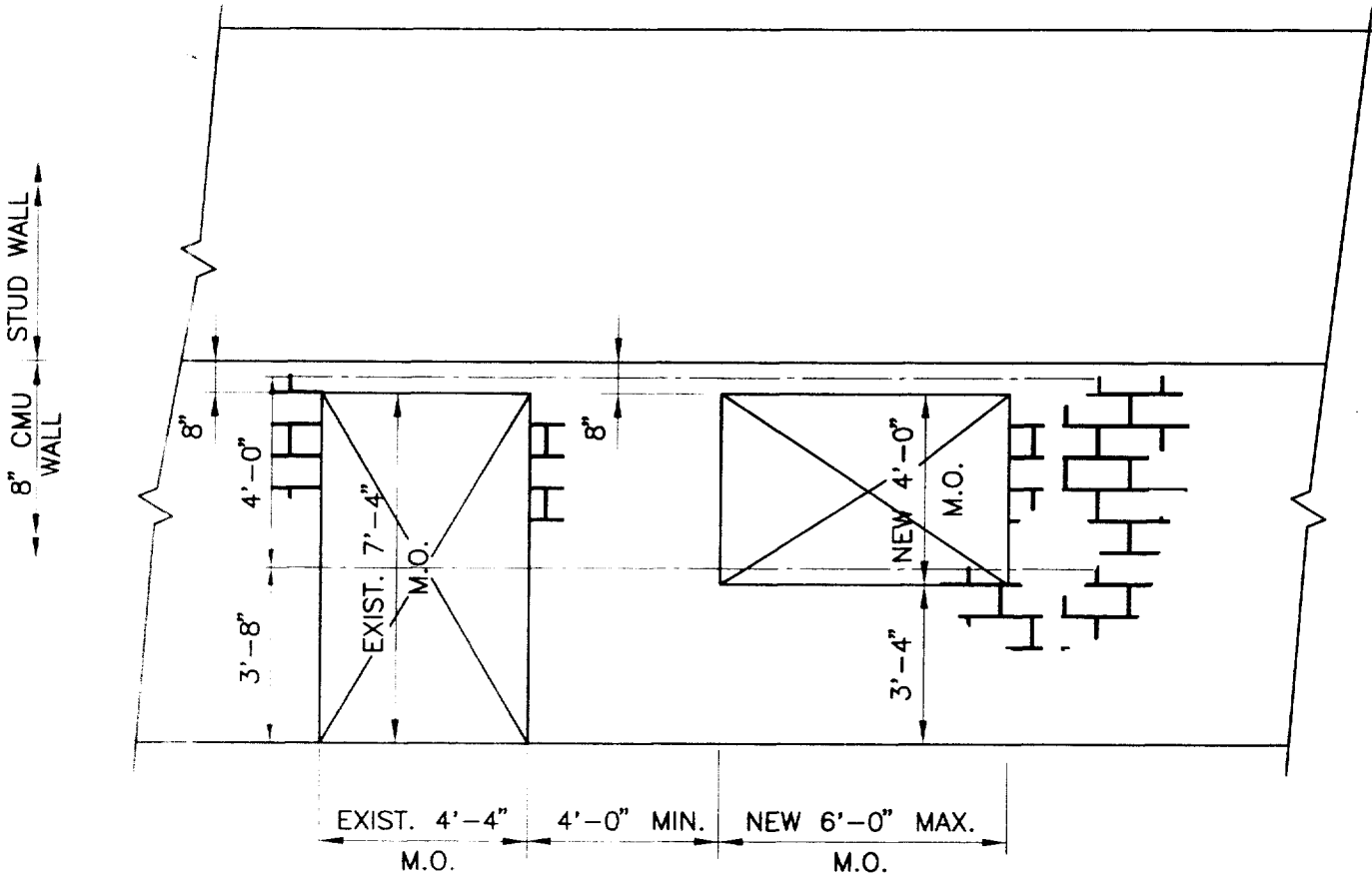
2/8/99	SUBMITTED FOR BID
3/17/99	SUBMITTED FOR PERMIT

ENLARGED PLAN & ELEVATIONS

PROJ. NO. :	94-189C
WHSE. NO. :	471
PLOT DATE :	1/18/99
PROJ. MGR. :	DSV/LL

DRAWING NO. :
3

TIRE CENTER WINDOW
1600 EXPO PARKWAY
SACRAMENTO, CA 95815
CAL EXPO



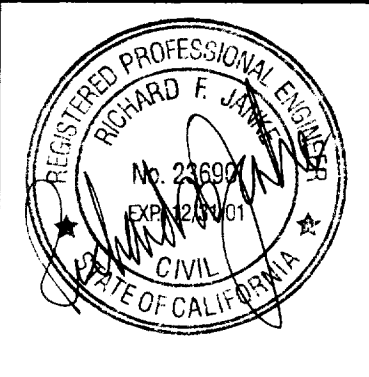
ELEVATION @ TIRE WALL

- NOTES:**
 1) NEW WINDOW OPENING IS NOT TO BE OVERCUT AT THE CORNERS IN ANY DIRECTION

COSTCO SACRAMENTO, CA

ELEVATION @ TIRE WALL

ENGINEERS NORTHWEST, INC.
 6869 WOODLAWN AVE. N.E.
 SEATTLE, WASHINGTON 98115



DWN:	R.P.
ENG'D:	W.CHEN
JOB NO:	96043.005
DATE:	3-5-99
SHEET:	S1

COSTCO

Cal-Expo Site
SACRAMENTO, CALIFORNIA

- Add Window to Tire Center Partition Wall -

ENW JOB # 96043.005

M/P # 94-189C

STRUCTURAL CALCULATIONS

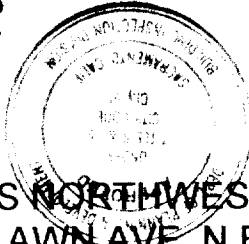
Sheets 1 thru 3

CITY OF SACRAMENTO
PERMIT ASSISTANCE

MAR 26 1999

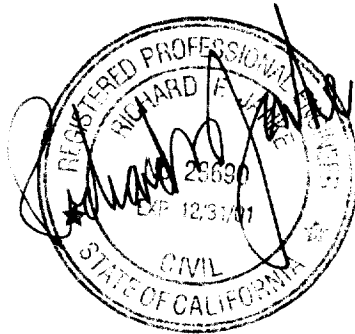
RECEIVED

1-27-99



Violation of any City Ordinance or State Law
SHALL NOT be held to permit of any other
The City of Sacramento and the State of California
DO NOT have jurisdiction over this project
To make any changes or alterations
at any time and in any manner
and specifications

ENGINEERS NORTHWEST, INC. P.S.
6869 WOODLAWN AVE. N.E. (Suite 205)
SEATTLE, WA. 98115
Ph. (206) 525 - 7560
Fax (206) 522 - 6698



ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO 96043.005 JOB NAME COSTCO - SACRAMENTO, CA. (CAL-EXPO) DATE 1/99
 SUBJECT TIRE CENTER 8' HIGH CMU WALL (CANTILEVERED) SHEET 1 OF 3
(ADD 4'x6' WINDOW) IN EXIST. WALL 94UBC BY _____

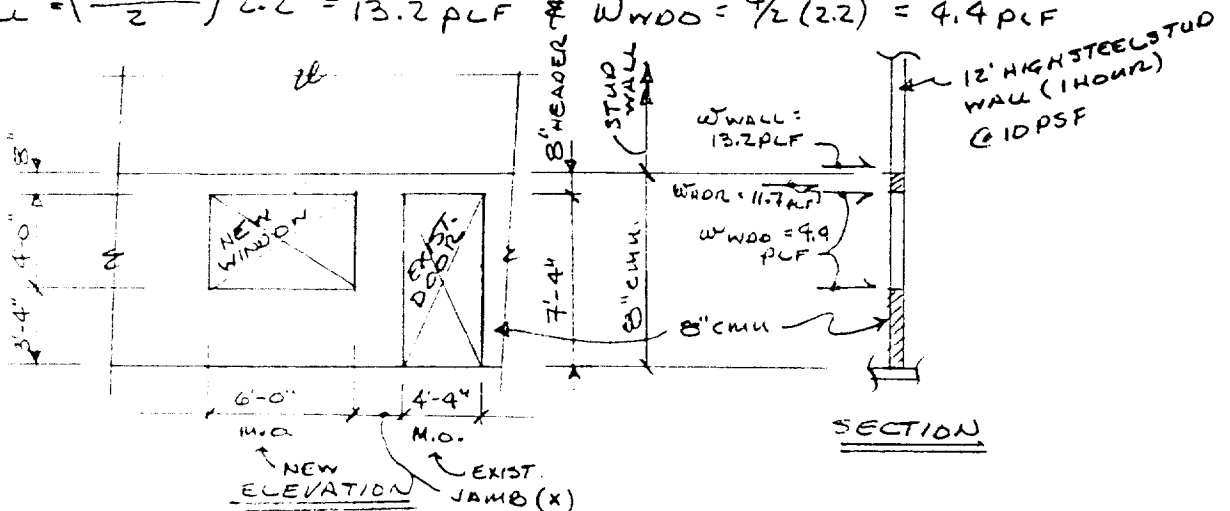
8" CMU GROUTED SOLID = 80 PSF, FIREWALL & WINDOW @ 10 PSF

EQ. $F_p = Z I_p C_p W_p = .4 (1.0)^{2/3} (.75) W_p = 0.20 W_p$ BUT NOT LESS THAN

EQ. MIN. $V = \frac{Z I C}{R_w} W = \frac{.4 (1.0) 2.75}{1.6} = .22 W$ ← CONTROLS

CMU $F_p = .22 (80) = 17.6$ PSF $w_{HOR} = 17.6 \times 8/12 = 11.7$ PLF
 WALL & WDO $F_p = .22 (10) = 2.2$ PSF (ALSO DOOR)

$w_{WALL} = \left(\frac{20' - 8'}{2}\right) 2.2 = 13.2$ PLF $w_{WDO} = 4/2 (2.2) = 4.4$ PLF



REINF. #4 @ 16" VEF: $32 < (x) \leq 48 = 3\#4$ VEF TRY $x = 4'-0"$

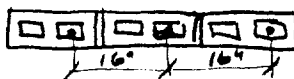
12' HI (1HR) WALL T & B WDO HOR. 4' JAMB DOOR

@ 4'-0" JAMB $M = 13.2 \left(\frac{6}{2} + 4 + \frac{4.33}{2}\right) 8 + 4.4 \left(\frac{6}{2}\right) (4.33 + 7.33) + 11.7 \left(\frac{6}{2} + \frac{4.33}{2}\right) 7.67 + 4' (17.6) \frac{(8)^2}{2} + 2.2 \left(\frac{4.33}{2}\right) \frac{8}{2}$
 $+ 17.6 \left(\frac{4.33}{2}\right) (3.33) \frac{8}{2} = .968 + .154 + .464 + 2.253 + .152 + .293 = 4.59$ KFT/4'

$\frac{4}{3} K = \frac{4.598}{4 (4.25)^2} = 63.6$ PSI $\Rightarrow p = .0022$

$A_s = .0022 \times 48 \times 4.25 = .45$ IN² $\leq 3\#4$ OK PROVIDING

JAMB IS 4'-0" & HAS 3#4 VEF. AS EXIST. SECT. SHOWS AS #4 @ 16" VEF



48" JAMB SHOULD ACTUALLY HAVE 3#4 VEF
 % DESIGN O.K. w/ ADDED WINDOW

2 of 3

BRACE TO ROOF LATERAL SYSTEM FOR ±30#/FT.



HOLD 1/2" CLR. EA. END

L2 x 2 x 16GA. x 0'-6" CLIP w/ 4-#10-16 x 1" SCREWS AT EA. LEG BY GENERAL CONTR.

[PER PLAN]

HOLD 2" CLR.

1" MAX.

JOISTS

12GA. CONT. TRACK
16GA. CONT. TOP TRACK

L3 x 3 x 1/4 @ 48" o/c COPE FLANGE AS REQ'D. SUPPLIED & INSTALLED BY M.B.S.

1/2" ALL-THREAD EMBEDDED 4 1/2" INTO 9/16" HOLES @ 48" o/c FILLED w/HILTI HIT-C100 ADHESIVE (SPECIAL INSPECTION REQ'D.)

2 LAYERS 5/8" G.W.B. E.S. TO TOP FASTEN TO STUDS PER ARCH.

6 x 16GA. STUDS @ 16" o/c MAX.

16GA. CONT. TRACK w/2 SCREWS EA. SIDE

NOTE: FOR LIGHT GAGE STEEL SECTION PROPERTIES & FASTENERS NOT INDICATED SEE SCHEDULE ON SHT. S3

2- #4 CONT.

8" C.M.U. w/#4 @ 16" o/c V. E.F. TYP. SEE DETAILS ABOVE FOR JAMB REINF. @ WALL OPENING.

DOWELS TO MATCH VERT. REINF.

#4 @ 12" o/c BOTTOM

3 #4 CONT.

SECTION FROM ORIGINAL BUILDING SET. OUR JOB #96043 SACRAMENTO, CA. (CAL-EXPO).

8'-0"

0'-0"

1'-2"

HOLD 3" CLR.

1'-9"

1'-9"

SECTION J-8

10-3-96

3/4" = 1'-0"

IS MASONRY SPECIAL INSPECTED?

INPUT (YES OR NO): **YES**

$f_m = 1500$ psi
 $f_s = 24000$ psi
 $E_s = 29000000$ psi
 $E_m = 750 \times f_m = 1125000$ psi
 $n = 25.778$

CODE :- 1994 UBC

1900 UNITS &
 TYPE S MORTAR

$f_m = 500$ psi
 $K = 12M/bd^2$
 $A_s = pbd$
 $j = 1-k/3$

fm	fs	K	ρ	k	$2/(j \cdot k)$	$1.33 \cdot K$
60	24000	1.780	0.00008	0.06054	33.7149	2.373
70	24000	2.390	0.00010	0.06993	29.2836	3.187
80	24000	3.082	0.00013	0.07913	25.9606	4.109
90	24000	3.850	0.00017	0.08815	23.3765	5.133
100	24000	4.693	0.00020	0.09699	21.3096	6.257
110	24000	5.607	0.00024	0.10566	19.6189	7.476
120	24000	6.590	0.00029	0.11417	18.2103	8.786
130	24000	7.639	0.00033	0.12252	17.0187	10.185
140	24000	8.751	0.00038	0.13071	15.9975	11.668
150	24000	9.925	0.00043	0.13876	15.1128	13.234
160	24000	11.158	0.00049	0.14665	14.3389	14.878
170	24000	12.449	0.00055	0.15440	13.6562	16.598
180	24000	13.794	0.00061	0.16201	13.0496	18.391
190	24000	15.192	0.00067	0.16949	12.5069	20.255
200	24000	16.641	0.00074	0.17683	12.0188	22.188
210	24000	18.139	0.00081	0.18404	11.5772	24.185
220	24000	19.685	0.00088	0.19113	11.1760	26.247
230	24000	21.277	0.00095	0.19810	10.8098	28.369
240	24000	22.914	0.00102	0.20495	10.4742	30.551
250	24000	24.593	0.00110	0.21168	10.1656	32.790
260	24000	26.314	0.00118	0.21830	9.8808	35.085
270	24000	28.075	0.00126	0.22481	9.6172	37.433
280	24000	29.874	0.00135	0.23121	9.3726	39.832
290	24000	31.712	0.00143	0.23750	9.1449	42.282
300	24000	33.585	0.00152	0.24370	8.9325	44.780
310	24000	35.494	0.00161	0.24979	8.7339	47.325
320	24000	37.437	0.00171	0.25579	8.5478	49.916
330	24000	39.412	0.00180	0.26169	8.3730	52.550
340	24000	41.420	0.00189	0.26750	8.2086	55.227
350	24000	43.458	0.00199	0.27322	8.0537	57.945
360	24000	45.527	0.00209	0.27885	7.9074	60.703
370	24000	47.625	0.00219	0.28439	7.7691	63.499
380	24000	49.750	0.00229	0.28985	7.6381	66.334
390	24000	51.903	0.00240	0.29522	7.5140	69.204
400	24000	54.083	0.00250	0.30052	7.3961	72.111
410	24000	56.288	0.00261	0.30573	7.2839	75.051

0.0022 → 63.6