

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0006599

Insp Area: 2

Site Address: 501 RIVERGATE WY SAC

Parcel No: 031-0400-006

Sub-Type: AOTHR

Housing (Y/N): N

CONTRACTOR

VELMAR CONSTRUCTION
1317 SILICA AV
SAC CA 95815

OWNER

LINCOLN RIVERGATE ASSOCIATES LIMITED
501 RIVERGATE WY
SACRAMENTO CA 95831

ARCHITECT

Nature of Work: Replace deck boards on 2nd story decks & dry rot repairs to joist as needed.

SUBJECT TO FIELD INSPECTION (BLD. # G)

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 408884 Date 6-15-00 Contractor Signature James Arsen

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 ~~6-15-00~~ Owner Signature [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 6-15-00 Applicant/Agent Signature James Arsen

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 LEGION INS. CO. Policy Number WC 1A 70839 Exp Date 3/02/01

____ (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 6-15-00 Applicant Signature James Arsen

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.

Date of Request: _____

By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 501 Rivergate Way Blys. B, C, D, E, G, J

Assessor's Parcel Number: 031-0400-006

Previous Use: Apartments

Description of Request/Proposed Use: Deck repairs

Is This a Change of Use? _____

Zoning Designation: R-2-BR

Prior Applications for Project Site(P#, Z#, DRPB#): _____

Comments: No reqsnts repair work

Are There Any Planning Issues?: (circle one) YES NO

- * Staff Site Plan Check Required? (Circle one) YES NO
- * Field Inspection Required? (Circle one) YES NO
- * Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: [Signature] 6/14/2000

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

APPLICATION FOR COMMERCIAL BUILDING PERMIT

CITY OF SACRAMENTO
DEVELOPMENT SERVICES DIVISION
PERMIT SERVICES SECTION

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

ACTIVITY # 00-06599	Insp. Area 26
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Applicant **MUST** complete ALL Unshaded areas

ADDRESS 501 RIVERGATE WAY Suite 6
 PARCEL # _____

CONTACT Name <u>Jim NELMAR CONST.</u> Street Address <u>4708 ROSEVILLE RD.</u> City/State/Zip <u>NORTH HIGHLANDS, CA. 95668</u> Phone <u>338-6610</u> FAX <u>338-6614</u> E-mail: _____	LICENSED CONTRACTOR Lic No. # <u>408884</u> Name <u>NELMAR CONSTRUCTION</u> Address <u>4708 ROSEVILLE RD.</u> City/State/Zip <u>NORTH HIGHLANDS, CA. 95668</u> Phone <u>338-6610</u> FAX <u>338-6614</u> E-mail: _____
ARCHITECT/ENGINEER Name _____ Address _____ City/State/Zip _____ Phone _____ FAX _____ E-mail: _____	OWNER Name <u>G. W. Williams</u> Address <u>2200 A DOUGLAS BLVD STE 110</u> City/State/Zip <u>ROSEVILLE, CA. 95661</u> Phone <u>784-2889</u> FAX <u>784-1072</u> E-mail: _____

→ Will permittee have any employees on the jobsite? No Yes → INSURANCE CO: LEGION INS. CO.
 → WORKER'S COMPENSATION POLICY # WC11410839 EXPIRATION DATE: 3/1/01

NATURE OF WORK IN DETAIL: REPLACE DECK BOARDS ON 2ND STORY
DECKS + DRY ROT REPAIR TO JOIST AS NEEDED
Subject TO Field Inspection

OCCUPANT/TENANT: _____ VALUATION: \$ 3400

FLOOD STATUS:				S.C.A.T.						
JOB DESCRIPTION		BLDG	SHELL	APT	TI()	REM()	SW	FIRE	ADD	OTH
INSPECTION DISCIPLINES			BLDG	MECH	PLUMB	ELEC		SITE	FIRE	
# Stories	1st flr Area	Total Area	Use Zone	Occp Group	Const type	Fire Req. YIN		Fed Code	Vio. File	
				R-1	YN	SPR	ALARM	04	[H]	[Quad]
B	L	P	M	E	F	S		D	PW	UTIL
<u>13 ft</u>	<u>13 ft</u>									

COMMENTS: _____

REGIONAL SANITATION FEES? Yes No HEALTH DEPARTMENT? Yes No

WATER FLOW TEST FOR NEW BUILDINGS OR ADDITIONS? Provided Faxed

RIVERGATE VILLAGE APARTMENTS

501 RIVERGATE WAY

= DONE

← OPEN

PARKING →

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263	265	267	269
163	165	167	169
264	266	268	270
164	166	168	170

TENNIS COURT

LAUNDRY ROOM

255	256
155	156
257	258
157	158

201	203	205	207
101	103	105	107
202	204	206	208
102	104	106	108

29	49
30	48
31	47
32	46
33	45
34	44
35	43
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37	41
38	40
39	39
40	38
41	37
42	36
43	35
44	34
45	33
46	32
47	31
48	30
49	29

248	250	252	254
148	150	152	154
247	249	251	253
147	149	151	153

239	240
139	140
241	242
141	142
243	244
143	144
245	246
145	146

236	215
116	115
218	217
118	117
220	219
120	119
222	221
122	121

232	234	236	238
132	134	136	138
231	233	235	237
131	133	135	137

POOL AREA

CLUBHOUSE

OFFICE

209	211	213
109	111	113
210	212	214
110	112	114

224	226	228	230
124	126	128	130
223	225	227	229
123	125	127	129

GLORIA DRIVE

RIVERGATE WAY

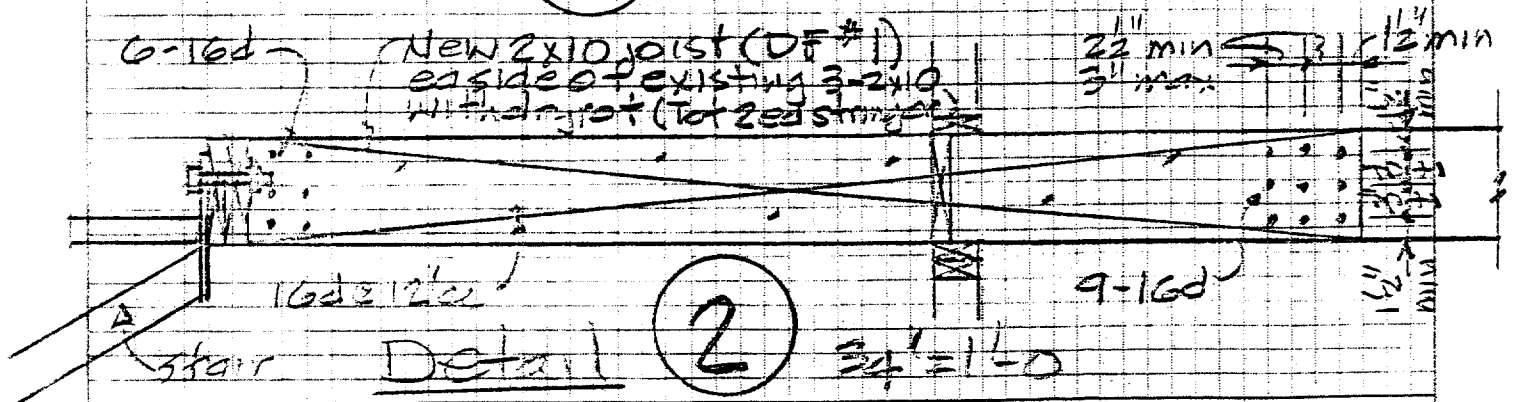
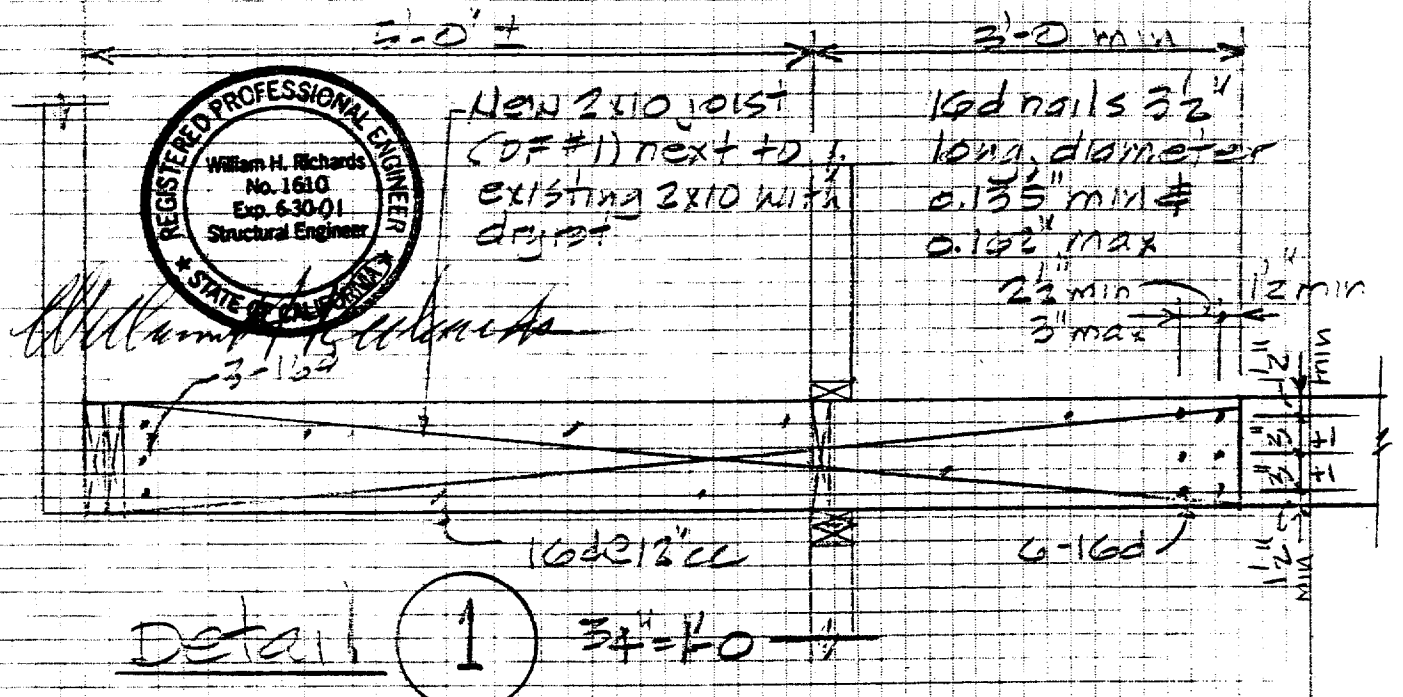
Rear Entrance →

1. Balconies are 3'-0" wide and are supported by 2x10 floor joists cantilevered beyond building wall.

Where dryrot exists at top of balcony framing, cut out dryrot and add additional 2x10 per detail 1.

2. Stair stringers are supported by 3-2x10 floor joists cantilevered beyond building wall.

Where dryrot exists at top of 3-2x10 supporting stair stringers, cut out dryrot and add additional 2x10 each side per detail 2.



PROJECT: Avondale Apartments	JOB NO: 0004	DATE: 6-30-50
SUBJECT: Balcony Framing	CLIENT: G.W. Williams Co	BY: WJR
WILLIAM H. RICHARDS, CONSULTING STRUCTURAL ENGINEERS		CALC NO. SHEET NO
1721 SECOND STREET, SUITE 201, SACRAMENTO, CA 95814 916/498-1348 FAX: 916/442-1010		DI

City of Sacramento PL # 0006595, 0006596, 0006597, 0006598, 0006599, & 0006600.

10/5/21 2:10 3:15 22

$$P = \frac{1.5 \times 100}{1.5} = 100$$

$$P = 100$$

$$P = 1.5 \times 100 = 150 = 3.3 \times 45 = 150$$

$$M = 0.5 \times 100 \times \frac{1}{2} = 25 \times 1.33$$

$$= 33.25$$

$$f_b = 1875 \times 12 / 2133 = 1053 \text{ F/17}$$

with 3" deep grip @ bottom: $S = 1.5 \times (9.25 - .125) / 4 = 20.32 \text{ in}^3$

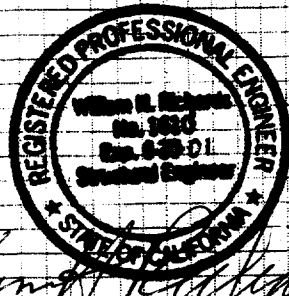
$$f_b = 1875 \times 12 / 20.32 = 1081 \text{ F/10}$$

$$F_b = 1191 \text{ psi (see sheet 3)}$$

$$S = I/d = 375 \times 12 / 1191 = 18.89 = b d^2 / 6$$

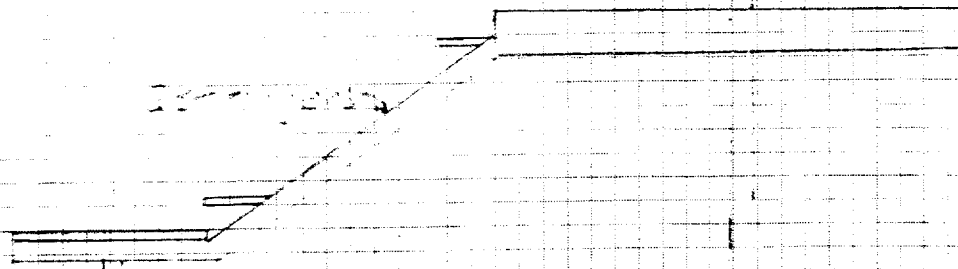
$$d = (6 \times 18.89 / 1.5)^{1/2} = 8.69 \text{ in}$$

$$\therefore \text{allow notch} = 9.25 - .125 - 8.69 = .432 \text{ in}$$



William H. Richards

PROJECT: <i>Academy St</i>	JOB NO: <i>0002</i>	DATE:
SUBJECT: <i>Beam</i>	CLIENT: <i>G.W. Williams Co</i>	BY: <i>WR</i>
WILLIAM H. RICHARDS, CONSULTING STRUCTURAL ENGINEERS		CALC NO. SHEET NO
1721 SECOND STREET, SUITE 201, SACRAMENTO, CA 95814 916/498-1348 FAX: 916/442-1010		1



STAIR 3-BW 1E 12-1-10

TROOP 3.57 x 152 x 3.5 / 2 = 115 #/1
 STR 2 x 10 = 30
 RA 2 x 20 = 40

 175 #/1
 WL 100' x 3.5 = 350
 TL 508 #/1

$100' \times 3.5 = 350' \times 2 - 175 \times 2 / 2 \times 3 = 1938 \#$

3-2 x 10 202 = 606

$M = 1938 \times 5 = 9690 \#1 + (100.5 \times 3 / 2) \times 1000 = 6740 \#1$

$W / 3 \text{ dia } 5 = 3 \times 1.5 \times (9.25 - 1.25)^2 / 6 = 62.45$

$F = 6740 \times 2 / 3 = 4493 \#1$

$F_b = 120523 \text{ (SCM 5x13)}$

PROJECT:	JOB NO:	DATE:
SUBJECT:	CLIENT:	BY:
WILLIAM H. RICHARDS, CONSULTING STRUCTURAL ENGINEERS		CALC NO.
1721 SECOND STREET, SUITE 201, SACRAMENTO, CA 95814 916/498-1348 FAX: 916/442-1010		SHEET NO 2

WILLIAM H. RICHARDS CONSULTING STRUCTURAL ENGINEERS

$F_b = 12.5 \text{ ksi}$

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$F_b = 12.5 \text{ ksi}$ $F_b = 12.5 \text{ ksi}$

Balcony Joist 334000000 5400

3-2x10 (0.33 x 10) + 2x10 (0.33 x 10) = 3x10, S = 45, CL = 1.0

$F_b = 12.5 \text{ ksi}$ DF = 1

$F_b = 10.7 \text{ ksi}$ DF = 2

PROJECT:	JOB NO:	DATE: 5-1-10
SUBJECT:	CLIENT:	BY:
WILLIAM H. RICHARDS, CONSULTING STRUCTURAL ENGINEERS		CALC NO. SHEET NO
1721 SECOND STREET, SUITE 201, SACRAMENTO, CA 95814 916/498-1348 FAX: 916/442-1010		3

EXIS $I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

1 notch $I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 / I_{00} = 10^9 / 6.5 \times 10^8 = 1.538$

2 notch $I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 + I_{00} = 10^9 + 10^9 = 2 \times 10^9$

$I_0 / I_0 + I_{00} = 10^9 / 2 \times 10^9 = 0.5$

3 notch $I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 + I_{00} = 10^9 + 10^9 = 2 \times 10^9$

$I_0 = 10^9 / 2 = 5 \times 10^8$

$R_0 = 10^9 / 1.5 = 666.67$

$10^9 \times 1.5 = 1.5 \times 10^9$

$1.5 \times 10^9 / 1.5 = 10^9$

4 notch $I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$

$I_0 = 10^9 / 2 = 5 \times 10^8$

CI notch

$I_0 = 1.5 \times 10^{10} / 1.5 = 10^9$ $R_0 = 10^9 / 2.5 = 400$

$f_0 = 12 \times 10^9 / 20.82 = 633 \text{ psi}$

$I_1 = (1 - 0.536) \times 10^9 = 464$

$f_1 = 12 \times 464 \times 3.125 / 2 \times 67.05 = 564 \text{ psi}$

PROJECT:	JOB NO:	DATE:
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1721 SECOND STREET, SUITE 201, SACRAMENTO, CA 95814 916/498-1348 FAX: 916/442-1010		1

3 $3I_0 = 3 \times 15 \times 7.25^3 = 2700 \times 38.7 = 104490$ $I_1 = 67.05$

$3I_0 = 3 \times 15 \times 7.25^3 = 104490$

1 $3I_0 = 3 \times 15 \times 7.25^3 = 104490$ $I_1 = 67.05$

$3I_0 = 3 \times 15 \times 7.25^3 = 104490$ $I_0 = 94.49$

$3I_0 = 3 \times 15 \times 7.25^3 = 104490$ $I_0 = 94.49$

$I_0 (3I_1 + 2I_0) = 94497 / 371.09 = 254.68$ $R_0 = 1968 / 2.5 = 787 \#$

$M_0 = 1.0 + 25 \times 67.05 = 1683 \#$ $R_0 = 1683 / 2.5 = 673 \#$

$F_0 = 1683 \times 12 / 20.5 = 984 \text{ PSI}$

$U = 0.746 \times 984 \times 20.5 = 2977 \#$

$S_1 = 15 \times 2700 / 4 = 10125$

$F_1 = 1157 \times 12 / 10125 = 137 \text{ PSI}$

2 $3I_0 = 3 \times 15 \times 7.25^3 = 104490$ $I_2 = 45.21$ $3I_0 = 104490$

$3I_0 = 3 \times 15 \times 7.25^3 = 104490$ $I_0 = 94.49$

$M_0 = 0.746 \times 94.49 / 325.59 = 1968 \#$ $R_0 = 1968 / 2.5 = 787 \#$

$F_0 = 13 \times 1968 / 20.5 = 1240 \text{ PSI}$

$M_2 = 0.746 \times 45.21 / 325.59 = 937 \#$

$F_2 = 12 \times 937 \times 7.25 / 2 \times 45.21 = 856 \text{ PSI}$

$14577 / 20.5 = 711 \times 11933 = 520 \# \rightarrow \text{End}$

PROJECT:	JOB NO:	DATE:
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JOBS: 3 64 3,000 + 2000

2500 + 2000

3-1 notch $I_0 = 44.97$, $I_1 = 51.05$

$$2I_0 + 2I_1 = 224.04 \quad \text{End} = 1 + 17 / 224.04 = 3.3337 \times 223 = 743 \rightarrow$$

$$M_0 = 24.97 / 224.04 \times 67 + 6 = 777 \#1 \quad E_0 = 777 / 0.5 = 1554$$

$$F_0 = 12 \times 777 / 20.82 = 7402 \#1$$

$$M_1 = (27.05 / 224.04) \times 67 + 6 = 1396 \#1$$

$$F_1 = 12 \times 1396 / 20.82 = 10152 \#1$$

2-2 notch $I_0 = 44.97$, $I_2 = 45.21$

$$2I_0 + 2I_2 = 280.36 \quad \text{End} = 1 + 17 / 280.36 = 3.3337 \times 223 = 743 \rightarrow$$

$$M_0 = (44.97 / 280.36) \times 67 + 6 = 2235 \#1 \quad E_0 = 2235 / 0.5 = 4470$$

$$F_0 = 12 \times 2235 / 20.82 = 1317 \#1 \quad = 914 \#$$

$$M_2 = (45.21 / 280.36) \times 67 + 6 = 1038 \#1$$

$$F_2 = 12 \times 1038 \times 7.125 / 2 \times 45.21 = 1029 \#1$$

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	F _o ALLOW	F _o EXISTING	F ₂₀ NEW	R _o	F ₁₀₀ BOX
Typical 2x10 3' dia	1191	1061	-	-	-
Typical 2x10 3' dia w/ 1" notch	1191	1061	-	-	-
Typical 2x10 3' dia w/ 2" notch	1191	564	633	440	5
Typical 2x10 3' dia w/ 2" notch	1191	571	735	309	6
Stair Support 3-2x10	1265	1296	-	-	-
Stair Support 3-2x10 w/ 1" notch #2 New 2x10	1265	841	944	655	7
Stair Support 3-2x10 w/ 2" notch #2 New 2x10	1265	230	1134	737	9
Stair Support 3-2x10 w/ 1" notch #2 New 2x10	1265	1015	1140	791	9
Stair Support 3-2x10 w/ 3" notch #2 New 2x10	1265	1029	1317	914	10

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