

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0004286

Insp Area: 4

Site Address: 721 BARROS DR SAC

Parcel No: 226-0031-013

Sub-Type: ASFR

Housing (Y/N): N

CONTRACTOR

HANLEY & SONS
PO BOX 446
RIO LINDA CA 95673

OWNER

SANTOS DANIEL E & DELORES K
721 BARROS DR
SACRAMENTO CA 95835

ARCHITECT

Nature of Work: SECOND STORY ADDITION

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.

X License Class B-C-X License Number 431402 Date 7-26-02 Contractor Signature Edward D. Hanley

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 above-mentioned property for inspection purposes.

X Date 7-26-02 Applicant/Agent Signature Edward D. Hanley

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.

X 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 WC21230154 Exp Date 01/01/2001

(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.

X Date 7-26-02 Applicant Signature Edward D. Hanley

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.

Certification of Compliance

School District Development Fees

(Print or Type) If Printing, Push Hard for 4 Copies

PART I To be completed by APPLICANT

OWNER'S NAME NANDO SANTOS
OWNER'S ADDRESS 721 BORROS DR. SACRAMENTO, CA 95835
PROJECT ADDRESS 721 BORROS DR. SACRAMENTO, CA 95835
PARCEL NUMBER _____ LOT NO. _____
SUBDIVISION NAME _____
NUMBER OF UNITS ONE
APPLICANT'S SIGNATURE [Signature]
TITLE OF APPLICANT Owner-Hireley & Sons - Contractor
DATE 4-24-00 PHONE NO. 991-5050

PART II To be completed by BUILDING DEPARTMENT

PLAN IDENTIFICATION NUMBER 0004286
BUILDING TYPE (CHECK ONE)
RESIDENTIAL APARTMENT / CONDOMINIUM COMMERCIAL / INDUSTRIAL
SQUARE FEET OF CHARGEABLE BUILDING AREA ~~1~~ 380
SIGNATURE [Signature]
TITLE INSP DATE 4-21-00

PART III To be completed by SCHOOL DISTRICT

SCHOOL DISTRICT GJUHSD / Robla School District
DISTRICT CERTIFICATION NUMBER GRANT 014-01 / Robla #01-002
EXEMPT _____ COMMENTS _____
RESIDENTIAL / APARTMENT / ETC. 380 SQ. FT. X. \$ 1.16 = \$ 364.80
COMMERCIAL / INDUSTRIAL _____ SQ. FT. X. \$ _____ = \$ _____
OTHER FEE _____ TYPE _____ SQ. FT. X. \$ _____ = \$ _____
TOTAL FEES COLLECTED _____ = \$ 364.80

This Certification covers only the amount of square footage indicated above. Any additions or corrections to the square footage for this project will require an amendment to the Certificate of Compliance.

As the authorized school district official, I hereby certify that the requirements of Government Code Section 65995 and any other authorized requirements have been complied with by the above signed applicant.

AUTHORIZED SCHOOL DISTRICT OFFICIAL

SIGNATURE [Signature] DATE 7/24/00
TITLE Facilities Manager

Original School District
1st Copy School District
2nd Copy Building Department
3rd Copy Applicant

Date of Request: _____

By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 721 Barros Dr.

Assessor's Parcel Number: 226-0031-013

Previous Use: Residential home

Description of Request/Proposed Use: 2nd story Master Bd Em, Msd. bath & exercise Em.

Is This a Change of Use? No

Prior Applications for Project Site(P#, Z#, DRPB#): ER 00-019
Zoning Designation: RE 1/1

Comments: Needs Expensed Dis
DR approved 4/19/00

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

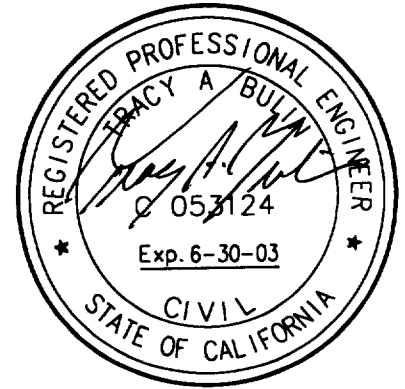
Planning Review by/Date: [Signature] 3-6-00

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

MICROFILM AFTER FINAL



PROJECT: SANTOS Addition-Sacramento
STORE: MEEKS- Elk Grove, Tom
CALC. BY: T. BULIN DATE: AUG. 16, 2000
CHKD. BY: T. BULIN DATE: _____
DWG.: CALC2.DWG SHT. No. 1 OF 5



DESIGN NOTES:

These Calculations and layouts are prepared specifically for MEEK'S and Boise Cascade BCI and LVL Engineered Wood Products ONLY. Use of these Calculations and Layouts by Non-MEEK'S Customers or by those using products other than BCI Joist and Versa-Lam LVL is Strictly Prohibited.

The Design Calculations and Layouts are based on information provided by the Customer. MEEK'S is not responsible for any changes or revisions made to the calculations and layouts.

Design Calculations are based on vertical loads only.

Please refer to the design calculations and floor layout drawings, enclosed.

If there are any questions, comments or you require more information, please call me, at (916) 576-3042.



Single - 11 7/8" BCI 650

Job Name - Santos Addition
 Address -
 City, State, Zip - Sacramento, CA
 Code Reports - ICBO 4665

File Name: - MEEK'S-Elk Grove, Tom
 Specifier - T. Bulin
 Designer - Western Buyers EWP
 Company: - Meeks Building Center
 Misc: - BCI Design/Repair

Untitled

Member Diagram

Mark 9-Second Floor Framing

Standard Load - 40 PSF | 12 PSF OC Spacing 16"

1-3/4"
547 lbs L
164 lbs D

1-3/4"
547 lbs LL
164 lbs DL

Total Horizontal Length - 20-06-00

General Data

Version US Imperial
 Member Type: - Joist
 Number of Spans - 1
 Left Cantilever - No
 Right Cantilever - No
 Slope 0/12
 OC Spacing 16"
 Repetitive Yes
 Construction Type Glued
 Live Load 40 PSF
 Dead Load 12 PSF
 Part Load 0 PSF
 Duration 100

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf.Area Load	Left	00-00-00	20-06-00	40 PSF	12 PSF	16"	100

Hole Summary

ID	Description	Center	Ref.	Width	Height	Shape
1	Duct Hole	07-08-00	Left	14"	6"	Rect.

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	3642 ft-lbs	70.5%	@ 100%	2	1 - Internal
End Reaction	711 lbs	60.5%	@ 100%	2	1 - Right
Hole #1 Shear	256 lbs	84.9%			
Total Deflection	L/375 (0.655")	95.9%		2	1
Live Deflection	L/488 (0.504")	98.3%		2	1
Max. Defl.	0.655" (Limit: 1")	65.5%		2	1
Span/Depth	20.7				1

NOTES:

Design meets Code minimum (L/360) Total load deflection criteria.
 Design meets User specified (L/480) Live load deflection criteria.
 Design meets arbitrary (1") Maximum load deflection criteria.
 Minimum End bearing length is 1-3/4".

NOTE:

HOLE SIZE & LOCATION ARE OK.





Single - 11 7/8" BCI 650

Job Name - Santos Addition
Address -

City, State, Zip - Sacramento, CA
Code Reports - ICBO 4665

Customer - MEEK'S-Elk Grove, Tom
Specifier - T. Bulin
Designer - Western Buyers EWP
Company: - Meeks Building Center
Misc: - BCI Design/Repair

File Name: Untitled

Member Diagram

Mark 10-Second Floor Framing

Standard Load - 40 PSF | 12 PSF OC Spacing 16"

1-3/4"
547 lbs L
164 lbs D

1-3/4"
547 lbs LL
164 lbs DL

Total Horizontal Length - 20-06-00

General Data

Version: US Imperial
Member Type: - Joist
Number of Spans: - 1
Left Cantilever: - No
Right Cantilever: - No
Slope: 0/12
OC Spacing: 16"
Repetitive: Yes
Construction Type: Glued
Live Load: 40 PSF
Dead Load: 12 PSF
Part Load: 0 PSF
Duration: 100

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf.Area Load	Left	00-00-00	20-06-00	40 PSF	12 PSF	16"	100

Hole Summary

ID	Description	Center	Ref.	Width	Height	Shape
1	Duct Hole	06-02-00	Left	15-1/2"	6"	Rect.

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	3642 ft-lbs	70.5%	@ 100%	2	1 - Internal
End Reaction	711 lbs	60.5%	@ 100%	2	1 - Right
Hole #1 Shear	333 lbs	127.1%			
Total Deflection	L/375 (0.655")	95.9%		2	1
Live Deflection	L/488 (0.504")	98.3%		2	1
Max. Defl.	0.655" (Limit: 1")	65.5%		2	1
Span/Depth	20.7				1

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

CAUTIONS:

Insufficient shear resistance at hole #1 to carry load

NOTES:

Design meets Code minimum (L/360) Total load deflection criteria.
Design meets User specified (L/480) Live load deflection criteria.
Design meets arbitrary (1") Maximum load deflection criteria.
Minimum End bearing length is 1-3/4"

NOTE:

*HOLE SIZE & LOCATION IS N.G.
REPAIR BCI PER HOLE REPAIR
DETAIL ENCLOSED.*

②



Single - 11 7/8" BCI 650

Job Name - Santos Addition
 Address -
 City, State, Zip - Sacramento, CA
 Code Reports - ICBO 4665

File Name: - MEEK'S-Elk Grove, Tom
 Specifier - T. Bulin
 Designer - Western Buyers EWP
 Company: - Meeks Building Center
 Misc: - BCI Design/Repair

Untitled

Member Diagram

Mark 11-Second Floor Framing

Standard Load - 40 PSF | 12 PSF OC Spacing 16"

1-3/4"
 547 lbs L
 164 lbs D

1-3/4"
 547 lbs LL
 164 lbs DL

Total Horizontal Length - 20-06-00

General Data

Version US Imperial
 Member Type - Joist
 Number of Spans - 1
 Left Cantilever - No
 Right Cantilever - No
 Slope 0/12
 OC Spacing 16"
 Repetitive Yes
 Construction Type Glued
 Live Load 40 PSF
 Dead Load 12 PSF
 Part Load 0 PSF
 Duration 100

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf.Area Load	Left	00-00-00	20-06-00	40 PSF	12 PSF	16"	100

Hole Summary

ID	Description	Center	Ref.	Width	Height	Shape
1	Duct Hole	04-00-00	Left	11"	6-1/2"	Rect.

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	3642 ft-lbs	70.5%	@ 100%	2	1 - Internal
End Reaction	711 lbs	60.5%	@ 100%	2	1 - Right
Hole #1 Shear	454 lbs	128.4%			
Total Deflection	L/375 (0.655")	95.9%		2	1
Live Deflection	L/488 (0.504")	98.3%		2	1
Max. Defl.	0.655" (Limit: 1")	65.5%		2	1
Span/Depth	20.7				1

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013.

CAUTIONS:

Insufficient shear resistance at hole #1 to carry load

NOTES:

Design meets Code minimum (L/360) Total load deflection criteria.
 Design meets User specified (L/480) Live load deflection criteria.
 Design meets arbitrary (1") Maximum load deflection criteria.
 Minimum End bearing length is 1-3/4"

NOTE:

*HOLE SIZE & LOCATION IS N.G.
 REPAIR BCI PER HOLE REPAIR
 DETAIL ENCLOSED*

③



Single - 11 7/8" BCI 650

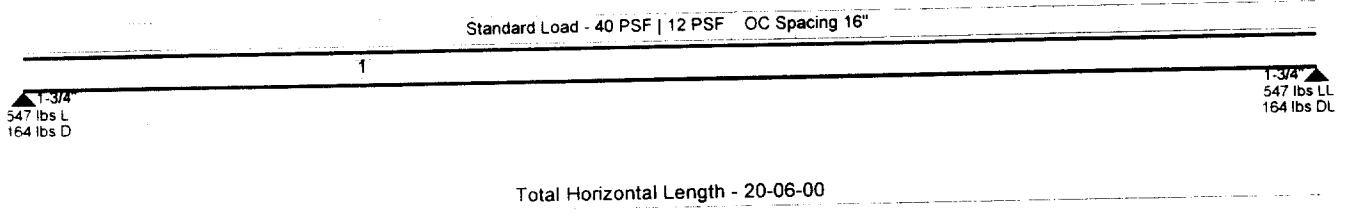
Job Name - Santos Addition
 Address -
 City, State, Zip - Sacramento CA
 Code Reports - ICBO 4665

Customer - MEEK'S-Elk Grove, Tom
 Specifier - T. Bulin
 Designer - Western Buyers EWP
 Company: - Meeks Building Center
 Misc: - BCI Design/Repair

File Name: Untitled

Member Diagram

Mark 12-Second Floor Framing



General Data

Version US Imperial
 Member Type - Joist
 Number of Spans - 1
 Left Cantilever - No
 Right Cantilever - No
 Slope 0/12
 OC Spacing 16"
 Repetitive Yes
 Construction Type Glued
 Live Load 40 PSF
 Dead Load 12 PSF
 Part Load 0 PSF
 Duration 100

Load Summary

ID	Description	Load Type	Ref.	Start	End	Live	Dead	OCS	Dur.
S	Standard	Unf.Area Load	Left	00-00-00	20-06-00	40 PSF	12 PSF	16"	100

Hole Summary

ID	Description	Center	Ref.	Width	Height	Shape
1	Duct Hole	05-05-00	Left	6"	6"	Rect.

Controls Summary

Control Type	Value	% Allowable	Duration	Loadcase	Span Location
Moment	3642 ft-lbs	70.5%	@ 100%	2	1 - Internal
End Reaction	711 lbs	60.5%	@ 100%	2	1 - Right
Hole #1 Shear	373 lbs	73.1%			
Total Deflection	L/375 (0.655")	95.9%		2	1
Live Deflection	L/488 (0.504")	98.3%		2	1
Max. Defl.	0.655" (Limit: 1")	65.5%		2	1
Span/Depth	20.7				1

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of Boise Cascade engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation. For glulam inquiries, please call (800)237-4013

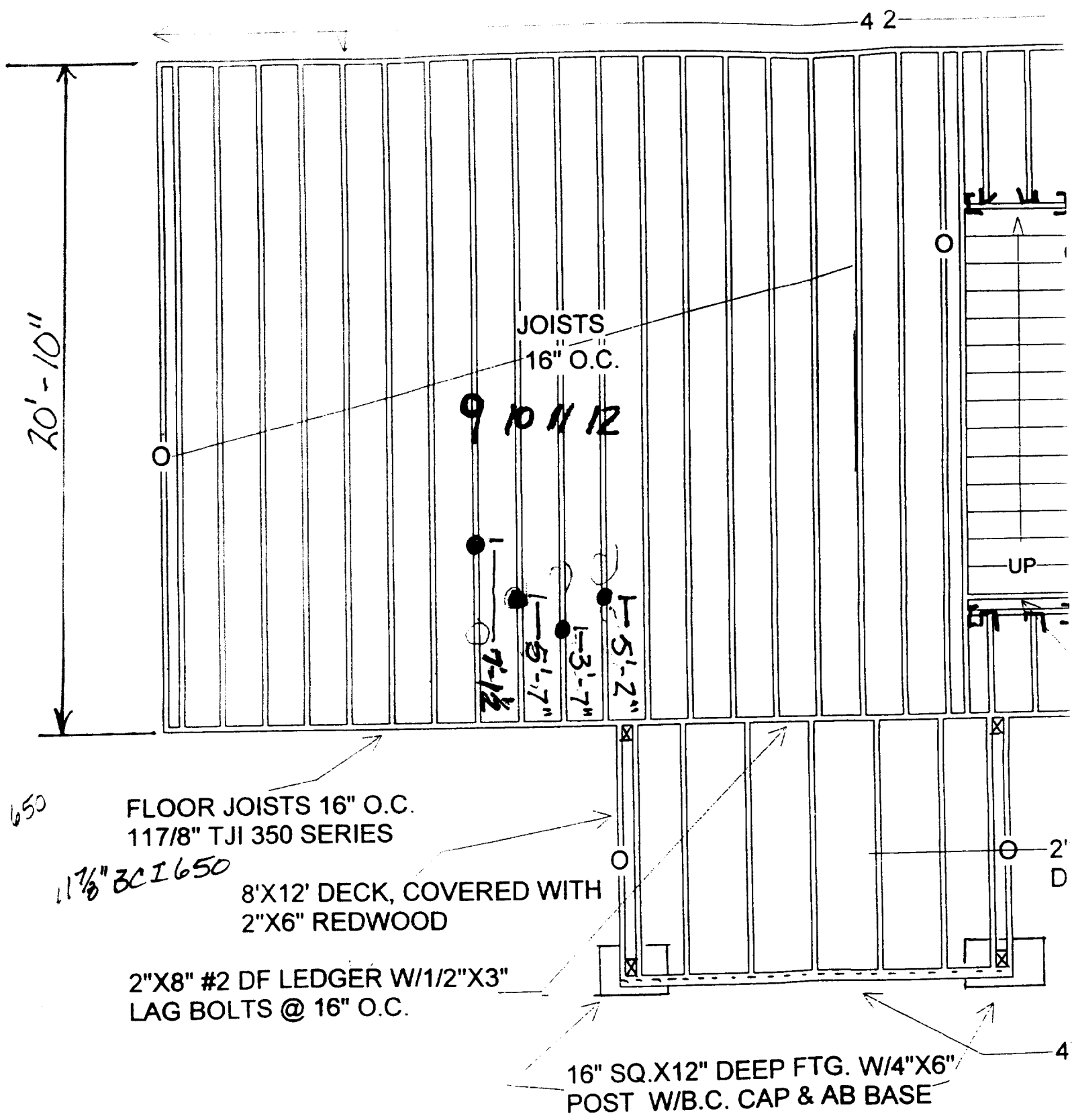
NOTES:

Design meets Code minimum (L/360) Total load deflection criteria.
 Design meets User specified (L/480) Live load deflection criteria.
 Design meets arbitrary (1") Maximum load deflection criteria.
 Minimum End bearing length is 1-3/4"

NOTE:

HOLE SIZE & LOCATION ARE OK.

4



POOR & DECK JOIST PLAN SANTOS ADDITION



Boise Cascade Corporation

Timber and Wood Products Division

Laminated Veneer Lumber

1155 Antelope Rd., White City, Oregon 97503

(541) 828-0200 Phone

(541) 828-0219 Fax

FAX COVER SHEET

TO: TRACY BULIN

FROM: (SEE BELOW) OR

TOTAL PAGES SENT (INCLUDING COVER PAGE): 2

REPAIR FOR MARK 10 & 11, 9 & 12 ARE OK

JEFF

FROM:

- Joseph Boyd
- Dan Cheney
- Gary Dunn
- Karen Eilenberger
- Larry Henderson

- Linda Johnson
- Curt McNeeley
- Jeff Olson
- Mike Pebworth
- Matt Prince

- Taylor Richerson
- David Ruth
- Jan Sutherlin
- Jerry Watkins

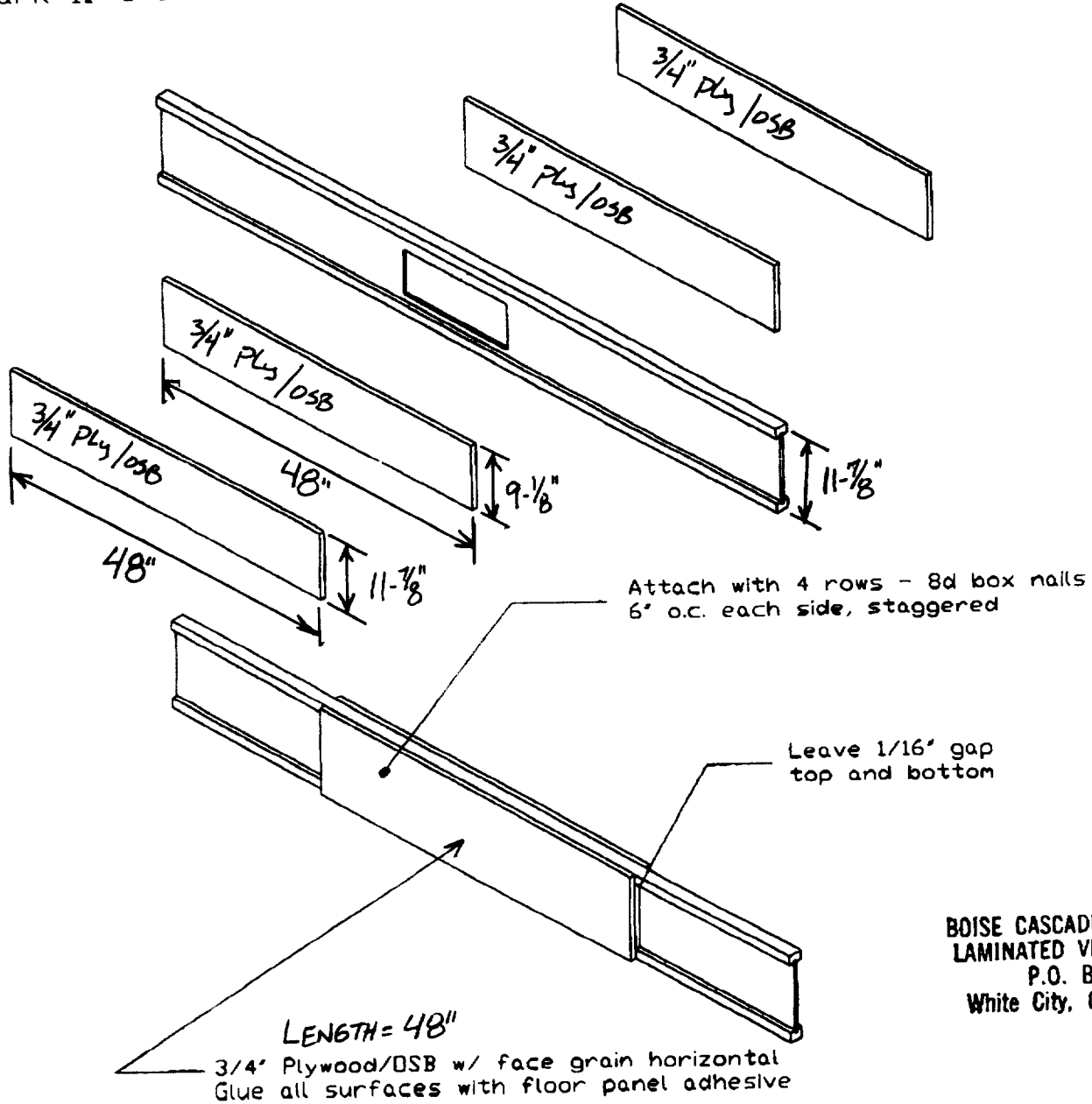
BCI® Joists and Versa-Lam® Products

Engineered to Build Reputations

BCI Joist Hole Repair Detail

11 7/8" BCI 650 Joist, 16" o.c.
 40/12 psf loading, 20'-6" span
 Mark 10: 6' x 15 1/2" hole 6'-2" from support
 Mark 11: 6 1/2' x 11" hole 4'-0" from support

Santos Addition
 Sacramento, CA
 Meek's - Elk Grove
 August 16, 2000



BOISE CASCADE CORPORATION
 LAMINATED VENEER LUMBER
 P.O. Box 2400
 White City, OR 97503-0400

Note: After BCI has been reinforced, holes may be cut adjacent to reinforcement towards mid-span.