

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0008029
Insp Area: 4

Site Address: 190 EASTBROOK WY SAC
Parcel No: 201-0370-027 LOT 27 NORTHBOROUGH 3-1

Sub-Type: NSFR
Housing (Y/N): N

CONTRACTOR
US HOME
2366 GOLD MEADOW DR
STE # 100 95670

OWNER

ARCHITECT

Nature of Work: MP 2301 2 STORY 8 ROOM SFR

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 451839 Date 7/24/00 Contractor Signature Don McCloskey

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 has made all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed is in accordance with all applicable laws 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 7/24/00 Applicant/Agent Signature Don McCloskey

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 OLD REPUBLIC INS. CO. Policy Number MWC107468 00 Exp Date 11/01/2000

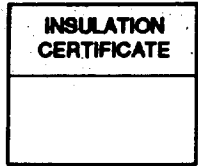
(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become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

Date 7/24/00 Applicant Signature Don McCloskey

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.

WES PAC INSULATION, INC.



THIS IS TO CERTIFY THAT INSULATION HAS BEEN INSTALLED IN CONFORMANCE WITH CURRENT ENERGY REGULATIONS, CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, STATE OF CALIFORNIA, IN THE BUILDING LOCATED AT:

LOT # 27 TRACT # _____
STREET 190 Eastbrook Wy CITY _____

EXTERIOR WALLS:

MANUFACTURER 111 THICKNESS/TYPE 3 1/2 R-VALUE 13/19

CEILINGS:

BATTS:
MANUFACTURER 111 THICKNESS/TYPE 1 1/2 R-VALUE 38

BLOWN IN:
MANUFACTURER 111 THICKNESS/TYPE 11.3 R-VALUE 38

SQUARE FOOTAGE COVERED 114 NUMBER OF BAGS USED 38

FLOORS:

MANUFACTURER _____ THICKNESS/TYPE _____ R-VALUE _____

SLAB ON GRADE:

MANUFACTURER _____ THICKNESS/TYPE _____ R-VALUE _____

WIDTH OF INSULATION _____ INCHES

FOUNDATION WALLS:

MANUFACTURER _____ THICKNESS/TYPE _____ R-VALUE _____

GENERAL CONTRACTOR _____

CALIFORNIA CONTRACTORS LICENSE # _____

DATE _____

SIGNATURE TITLE

INSULATION CONTRACTOR WES PAC INSULATION, INC.

CALIFORNIA CONTRACTORS LICENSE # _____

#487478 DATE 12/20

SIGNATURE TITLE

NORMAN SCHEEL STRUCTURAL ENGINEER

SACRAMENTO
6939 SUNRISE BLVD., SUITE 123
CITRUS HEIGHTS, CA 95610
PHONE (916) 726-0612
FAX (916) 726-3189

DAVIS
213 E STREET SUITE B
DAVIS, CA 95616
PHONE (530) 753-5300
FAX (530) 753-5300

PROJECT: 2301 NATOMAS

CLIENT: USHOME

JOB NO: US279

DATE: 11-200

CALCULATED BY: TH

SHEET NO: 1 OF 5

USHOME

LOT 27 PLAN 2301 NATOMAS (JOB # US279)

IT IS O.K. TO DRILL/CUT HOLES IN THE 14" / 250
FLOOR JOISTS ON THE ABOVE NOTED PLAN AT THE
LOCATIONS SHOWN ON THE FOLLOWING DRAWINGS.



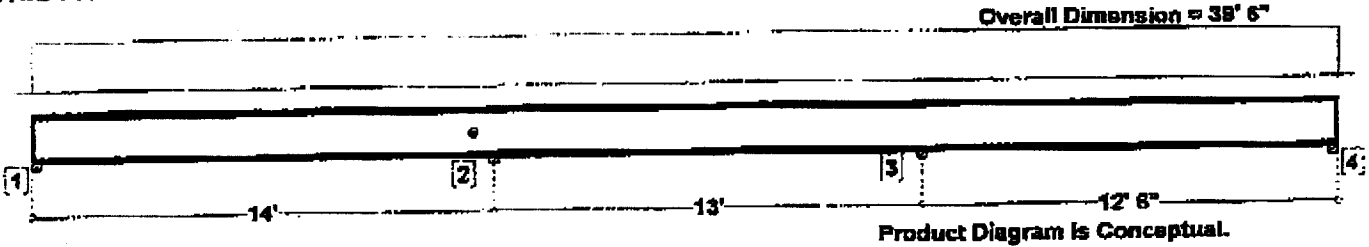


14" TJI®/Pro™-250 JOIST @ 24.0" o/c

4/

TJ-Beam™ v5.45 Serial Number: 7000008491
BEAMUSA 1001 11/9/2000 4:21:28 AM
Page 1 of 1 Build Code: 124

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



LOADS:

Analysis for Joist Member Supporting FLOOR - RES. Application. Loads(psf): 40 Live at 100% duration, 12 Dead, 0 Partition

SUPPORTS:

	INPUT WIDTH	BEARING LENGTH	JUSTIFICATION	REACTIONS(lbs.) LIVE / DEAD / TOTAL	DETAIL	OTHER
1	2x4 Plate 3.50"	2.25"	Left Face	506 / 138 / 644	Detail A3	1.25" LSL Rim
2	2x4 Plate 3.50"	3.5"	Centered	1291 / 361 / 1652	Detail B3	
3	2x4 Plate 3.50"	3.5"	Centered	1211 / 327 / 1538	Detail B3	
4	2x4 Plate 3.50"	2.25"	Right Face	486 / 123 / 589	Detail A3	1.25" LSL Rim

Joist #2

- See Trus Joist SPECIFIER'S / BUILDER'S GUIDES for detail(s): A3, B3.

TJI HOLES:

	DIA.	HEIGHT	WIDTH	LEFT END TO HOLE CENTER	SPAN	DESIGN	CONTROL	COMMENT
Circular	3"			13' 4.5"	1	808	1466	Passed

DESIGN CONTROLS:

	MAXIMUM	DESIGN	CONTROL	CONTROL	LOCATION
Shear(lb)	873	735	1710	Passed(46%)	Rt. end Span 1 under Floor ADJACENT span loading
Reaction(lb)	1652	1652	2030	Passed(81%)	Bearing 2 under Floor ADJACENT span loading
Moment(ft-lb)	2145	2145	5418	Passed(40%)	Lt. end Span 2 under Floor ADJACENT span loading
Live Defl.(in)		0.105	0.345	Passed(L/999+)	MID Span 1 under Floor ALTERNATE span loading
Total Defl.(in)		0.129	0.690	Passed(L/999+)	MID Span 1 under Floor ALTERNATE span loading

- Allowable moment was increased for repetitive member usage.
- Deflection Criteria: STANDARD(LL: L/480, TL:L/240).
- Deflection analysis is based on composite action with single layer of the appropriate span-rated, GLUED & NAILED wood decking.
- Bracing(Lu): All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- The load conditions considered in this design include alternate and adjacent member skip loading.

ADDITIONAL NOTES:

- **IMPORTANT!** The analysis presented is output from software developed by Trus Joist. Trus Joist warrants the sizing of its products by this software will be accomplished in accordance with Trus Joist product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a Trus Joist Associate.
- Not all products are readily available. Check with your supplier or Trus Joist technical representative for product availability.
- **THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.**
- Allowable Stress Design methodology was used for Code NER analyzing the Trus Joist Residential product listed above.

PROJECT INFORMATION

No Project Information available

OPERATOR INFORMATION:

NSSE
TRACY HARRIS
213 E STREET SUITE B,
DAVIS, CA 95616
530 753-5300

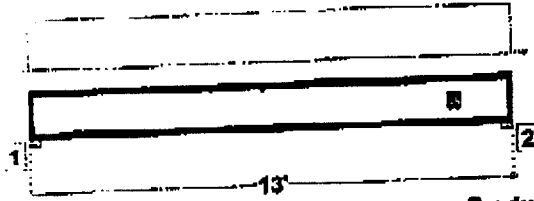


14" TJI@Pro™-250 JOIST @ 24.0" o/c

3/

TJ-Beam™ v3.45 Serial Number: 7000068491
BEAMUSA 1001 11/2/2000 4:23:01 AM
Page 1 of 1 Build Code: 124

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



JOIST # 1

Product Diagram is Conceptual.

LOADS:

Analysis for Joist Member Supporting FLOOR - RES. Application. Loads(psf): 40 Live at 100% duration, 12 Dead, 0 Partition

SUPPORTS:

	INPUT WIDTH	BEARING LENGTH	JUSTIFICATION	REACTIONS(lbs.) LIVE/ DEAD/ TOTAL	DETAIL	OTHER	
1	2x4 Plate	3.50"	2.25"	Left Face	520 / 156 / 676	Detail A3	1.25" LSL Rim
2	2x4 Plate	3.50"	2.25"	Right Face	520 / 156 / 676	Detail A3	1.25" LSL Rim

- See Trus Joist SPECIFIER'S / BUILDER'S GUIDES for detail(s): A3.

TJI HOLES:

	DIA.	HEIGHT	WIDTH	LEFT END TO HOLE CENTER	SPAN	DESIGN	CONTROL	COMMENT
Square	5"	5"	5"	11' 5.4"	1	541	914	Passed

DESIGN CONTROLS:

	MAXIMUM	DESIGN	CONTROL	CONTROL	LOCATION
Shear(lb)	654	646	1710	Passed(38%)	Lt. end Span 1 under Floor loading
Reaction(lb)	654	654	1171	Passed(56%)	Bearing 1 under Floor loading
Moment(lb-ft)	2058	2058	5418	Passed(38%)	MID Span 1 under Floor loading
Live Def.(in)		0.102	0.315	Passed(L/999+)	MID Span 1 under Floor loading
Total Def.(in)		0.133	0.629	Passed(L/999+)	MID Span 1 under Floor loading

- Allowable moment was increased for repetitive member usage.
- Deflection Criteria: STANDARD (LL: L/480, TL: L/240).
- Deflection analysis is based on composite action with single layer of the appropriate span-rated, GLUED & NAILED wood decking.
- Bracing(Lt): All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- Capacity is controlled by hole 1

ADDITIONAL NOTES:

- **IMPORTANT!** The analysis presented is output from software developed by Trus Joist. Trus Joist warrants the sizing of its products by this software will be accomplished in accordance with Trus Joist product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a Trus Joist Associate.
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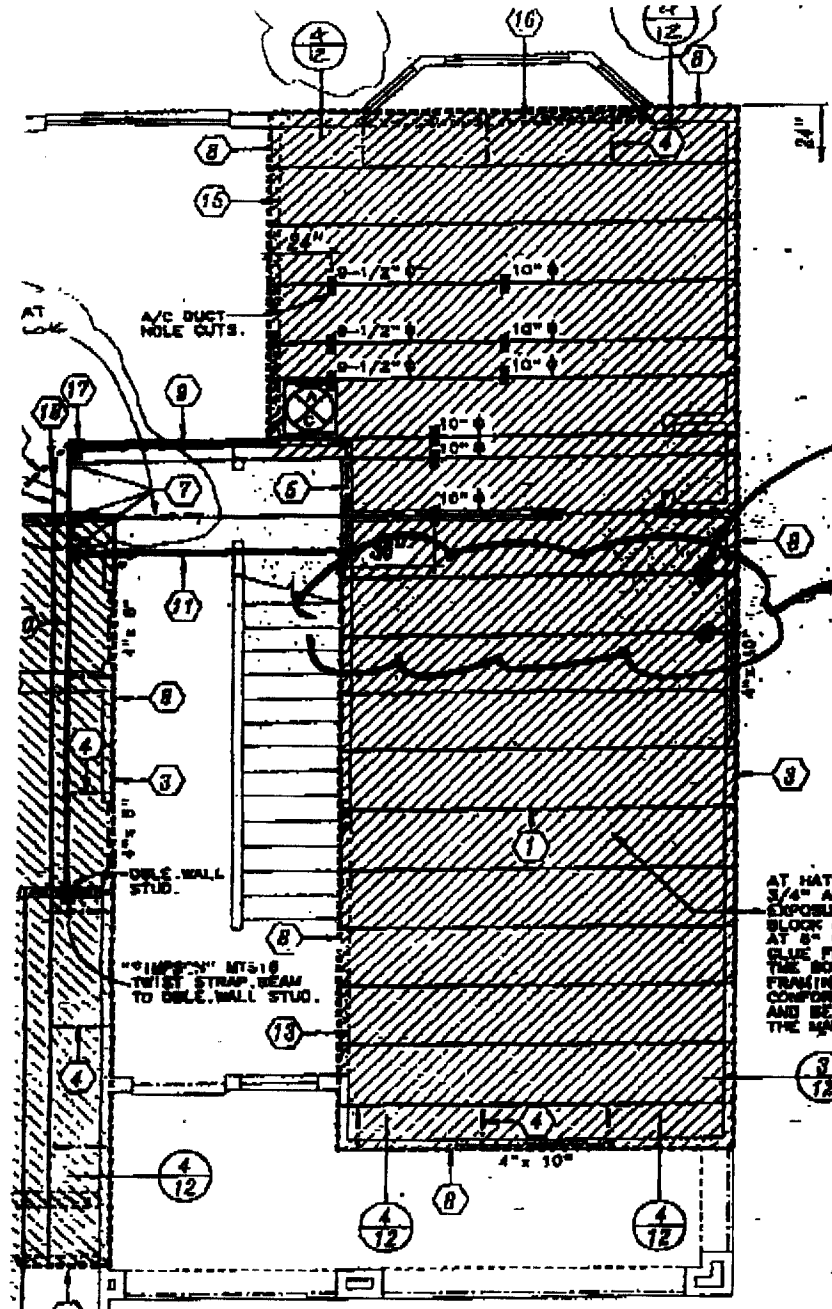
PROJECT INFORMATION

No Project Information available

OPERATOR INFORMATION:

NSSE
TRACY HARRIS
213 E STREET SUITE B,
DAVIS, CA 95616
530 753-5300

Lot #27
2301 PLAN



5" SQUARE HOLE 1'-6" FROM PLATE
JOIST #1

AT HATCHED AREA:
3/4" APA RATED STURD-1 FLOOR, 24 O.C. EXPOSURE 1, TONGUE & GROOVE, PG 1-63. BLOCK & EDGE NAIL STAPLE/W/24 COMMONS AT 8" O.C. BOUNDARY & EDGES, 12" O.C. FIELD. GLUE FLOOR SHEATHING TO ALL SUPPORTS AT THE BOUNDARY & EDGES AND AT INTERMEDIATE FRAMING MEMBERS. ADHESIVES MUST CONFORM TO APA SPECIFICATION AFD-01 AND BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

PLAN WITHOUT LOFT OPTION

FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- 1. INSTALL "TJI JOISTS", "MICROLABS", "PARALLAMS", BLOCKING, & RIM BOARDS PER "TRUSS JOIST McMillan" SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - 2. PROVIDE 14" TJI/PRO-250 FLOOR JOISTS AT 24" O.C. THROUGHOUT, UNLESS NOTED OTHERWISE ON THE PLANS.
 - 3. EXCEPT AS NOTED, PROVIDE 3/4" APA RATED STURD-1 FLOOR, 24 O.C. EXPOSURE 1, TONGUE & GROOVE, WITH 24 COMMONS AT 8" O.C. EDGES AND 12" O.C. FIELD. INSTALL ALL FLOOR SHEATHING WITH THE LONG DIMENSION OR STRENGTH AXIS OF THE PANEL, PERPENDICULAR TO THE SUPPORTS AND WITH THE PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL END JOINTS SHALL OCCUR OVER FRAMING AND SHALL BE STAGGERED. GLUE FLOOR SHEATHING TO ALL SUPPORTS AT THE BOUNDARY & EDGES AND AT INTERMEDIATE FRAMING MEMBERS. ADHESIVES MUST CONFORM TO APA SPECIFICATION AFD-01 AND BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - 4. PROVIDE "SQUASH" BLOCKS IN THE FLOOR SYSTEM FOR FULL BEARING SUPPORT UNDER ALL POSTS AND DOUBLE STUDS SUPPORTING ROOF GIRDER TRUSSES AND SUPPORTING BEAMS WITH ROOF LOADS, UNLESS NOTED OTHERWISE ON THE PLANS.

WILLIAM HAMILT
RESIDENTIAL DESIGNER
FRANK WHITAKE

REVISION BLOCK
6/19 - CHECK

NATOMAS PARK
TRADITIONS

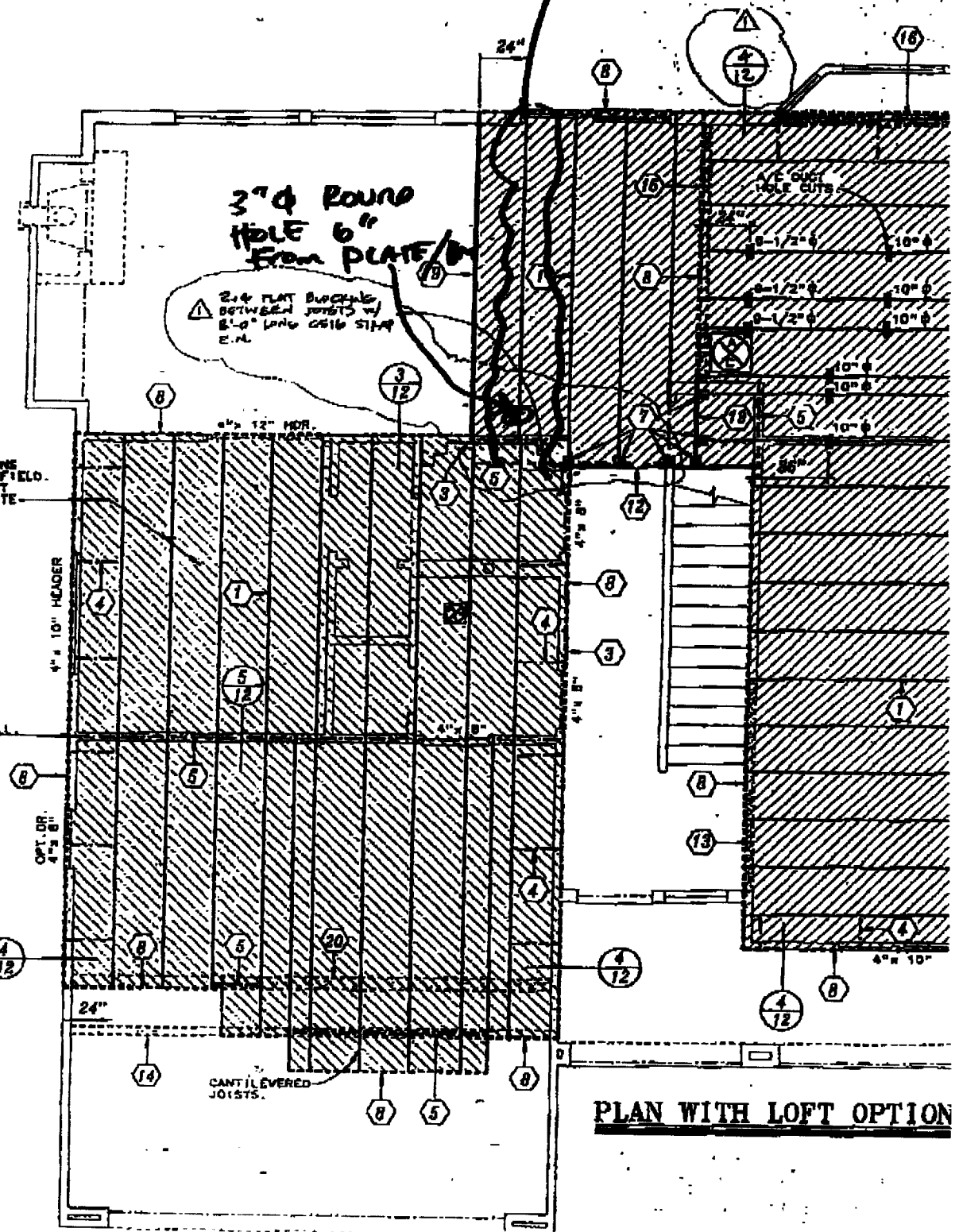
US:Home

Lot # 27
2301 PLAN

7/5

AT THAT
3/4" A
EXPOSED
BLOCK
AT 4"
AT 4"
ON THE
TRUSS
CONCRETE
TO BE
L.A.M.

JOIST # 2



3" Ø ROUND
HOLE 6" FROM PLATE

2x4 PLAT BRACKETS
BETWEEN JOISTS w/
2'-0" LONG GIBB STRIP
E.N.

1-FLOOR, 24 OC,
GROOVE, PS 1-1/2"
BRACKETS w/2x4 CHANGES
EDGES, 12" O/C FIELD.
TO ALL SUPPORTS AT
END AT INTERMEDIATE
SIZES MUST
INDICATION APPL-01
CONFORMANCE WITH
RECOMMENDATIONS.

BEARING WALL

CANTILEVERED
JOISTS

PLAN WITH LOFT OPTION

NORMAN SCHEEL STRUCTURAL ENGINEER

SACRAMENTO
6939 SUNRISE BLVD., SUITE 123
CITRUS HEIGHTS, CA 95610
PHONE (916) 726-0612
FAX (916) 726-3189

DAVIS
213 E STREET SUITE B
DAVIS, CA 95616
PHONE (530) 755-8300
FAX (530) 753-8380

PROJECT: 2301 NATOMAS

CLIENT: USHOME

JOB NO: US279

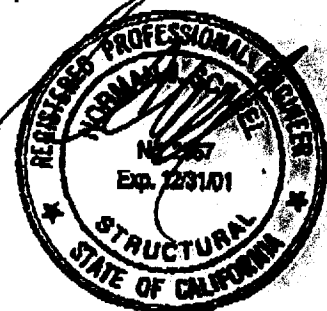
DATE: 11-2-00 REV. 11-6-00

CALCULATED BY: TH

SHEET NO: 1 OF 3

USHOME
LOT 27 PLAN 2301 NATOMAS (JOB # US279)

IT IS O.K. TO DRILL/CUT HOLES IN THE 14" / 250
FLOOR JOISTS ON THE ABOVE NOTED PLAN AT THE
LOCATIONS SHOWN ON THE FOLLOWING DRAWINGS.



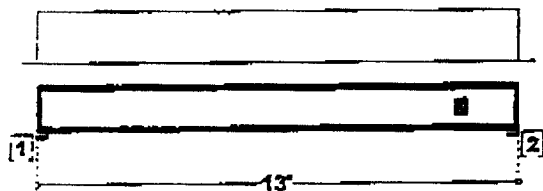


TJ-Beam™ v5.45 Serial Number: 7000008491
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 Page 1 of 1 Build Code: 124

14" TJI®/Pro™-250 JOIST @ 24.0" o/c

3/3

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



JOIST # 1

Product Diagram is Conceptual.

LOADS:

Analysis for Joist Member Supporting FLOOR - RES. Application. Loads(psf): 40 Live at 100% duration, 12 Dead, 0 Partition

SUPPORTS:

	INPUT:	BEARING		REACTIONS(lbs.)		OTHER	
	WIDTH	LENGTH	JUSTIFICATION	LIVE/ DEAD/ TOTAL	DETAIL		
1	2x4 Plate	3.50"	2.25"	Left Face	520 / 156 / 676	Detail A3	1.25" LSL Rim
2	2x4 Plate	3.50"	2.25"	Right Face	520 / 156 / 676	Detail A3	1.25" LSL Rim

- See Trus Joist SPECIFIER'S / BUILDER'S GUIDES for detail(s): A3.

TJI HOLES:

	DIA.	HEIGHT	WIDTH	LEFT END TO HOLE CENTER	SPAN	DESIGN	CONTROL	COMMENT
Square	5"	5"	5"	11' 5.4"	1	541	914	Passed

DESIGN CONTROLS:

	MAXIMUM	DESIGN	CONTROL	CONTROL	LOCATION
Shear(lb)	654	648	1710	Passed(38%)	Lt. end Span 1 under Floor loading
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Total Defl.(in)		0.133	0.629	Passed(L/999+)	MID Span 1 under Floor loading

- Allowable moment was increased for repetitive member usage.
- Deflection Criteria: STANDARD(LL: L/480, TL:L/240).
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ADDITIONAL NOTES:

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PROJECT INFORMATION

No Project Information available

OPERATOR INFORMATION:

NSSE
 TRACY HARRIS
 213 E STREET SUITE B,
 DAVIS, CA 95616
 530 753-5300

NORMAN SCHEEL STRUCTURAL ENGINEER

SACRAMENTO
 6939 SUNRISE BLVD., SUITE 123
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DAVIS
 213 E STREET SUITE B
 DAVIS, CA 95616
 PHONE (530) 753-5300
 FAX (530) 753-5380

PROJECT: VSHOME PLAN 2301

CLIENT: VSHOME

JOB NO: US279

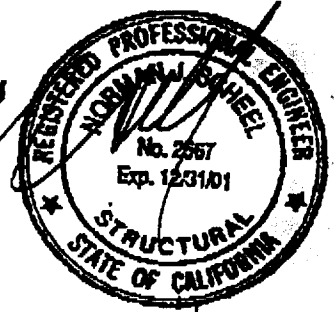
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CALCULATED BY: TH

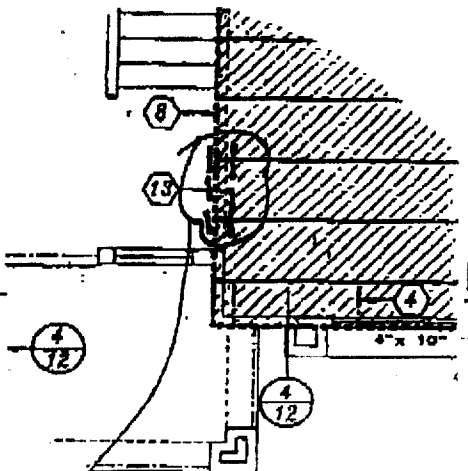
SHEET NO: 1 OF 1

VSHOME PLAN 2301 NATOMAS

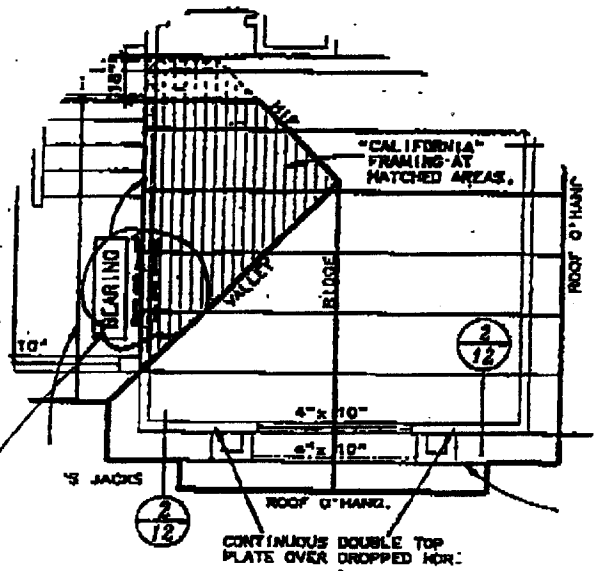
STRAP REQUIREMENTS FOR 14 1/2" PLATE BREAKS AT DUCT PENETRATION



FLOOR FRAMING



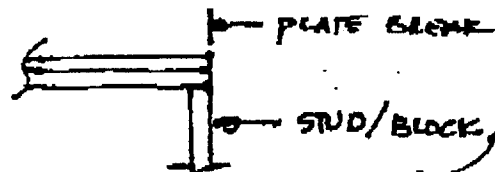
ROOF FRAMING



36" LONG C616 STRAP
 EACH FACE OF BOTTOM
 PLATE - CENTRAL
 STRAPS AT CENTRAL
 OF PLATE BREAK.

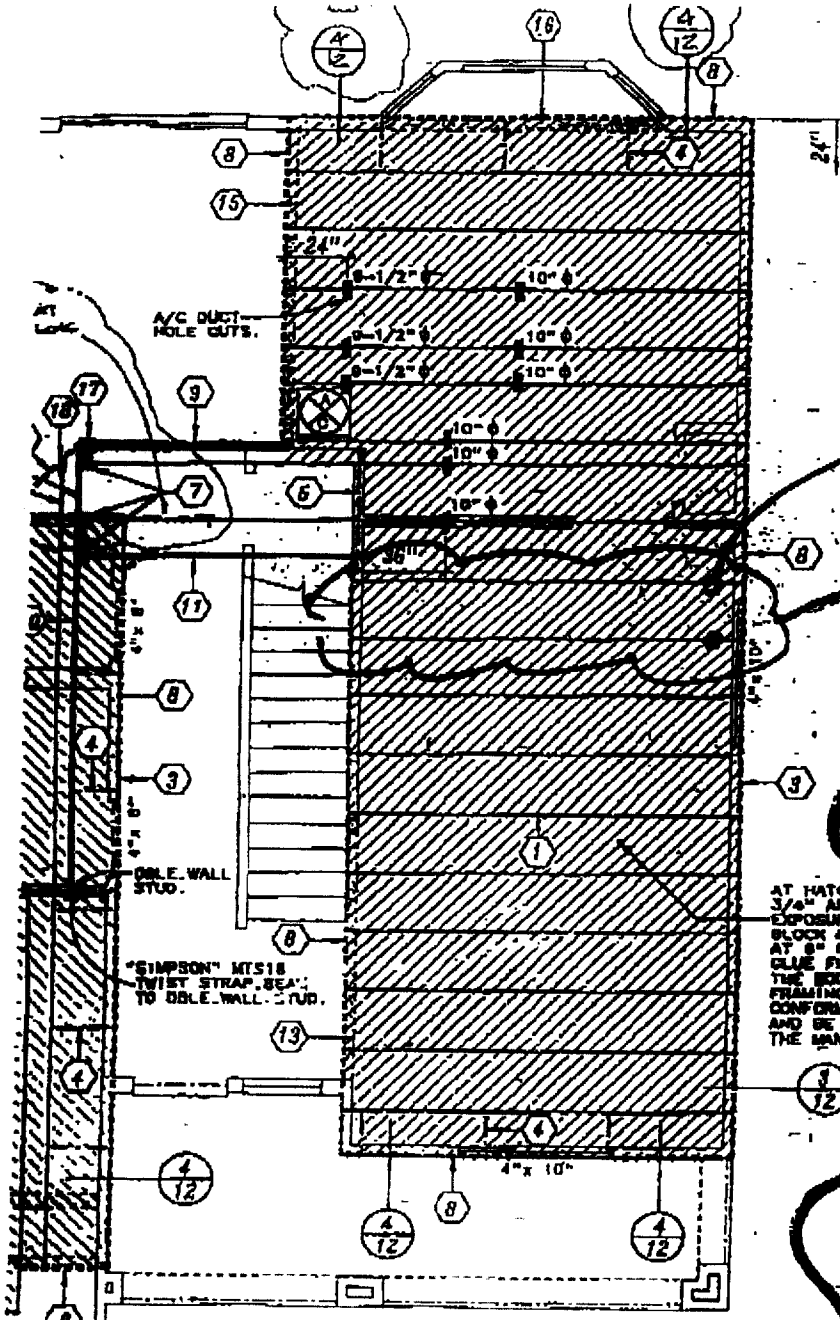
SIMPSON MST37 STRAP
 BACK FACE OF DOUBLE
 TOP PLATES - CENTRAL STRAPS
 AT CENTRAL OF PLATE BREAK

PROVIDE STUD/BLOCKING AT EACH END OF
 PLATE BREAKS TYP.



WILLIAM HAMILT
FRANK WHITAKE

2/
Lot #27
2301 PLAN



5" SQUARE
HOLE 1'-6"
FROM PLATE
JOIST #1

1'-3" TO
START OF CUT

AT HATCH AREA:
3/4" APA RATED STURD-I-FLOOR, 24 OC,
EXPOSURE 1, TONGUE & GROOVE, WITH 2x2 DIMENSIONS, 25 1/2"
BLOCK & EDGE NAIL DIAPHRAGM, 12" O/C,
AT 8" O/C BOUNDARY & EDGES, 12" O/C FIELD.
GLUE FLOOR SHEATHING TO ALL SUPPORTS AT
THE BOUNDARY & EDGES AND AT INTERMEDIATE
FRAMING MEMBERS. ADHESIVES MUST
CONFORM TO APA SPECIFICATION AFO-01
AND BE APPLIED IN ACCORDANCE WITH
THE MANUFACTURER'S RECOMMENDATIONS.

O.K.
REVISED
11-6-00

PLAN WITHOUT LOFT OPTION

FLOOR FRAMING PLAN

SCALE: 1/4" = 1' - 0"

GENERAL NOTES:

- 1. INSTALL "TJI JOISTS", "MICROLLANS", "PARALLANS", BLOCKING, & RIM BOARDS PER "TRUSS JOIST MacMILLAN" SPECIFICATIONS, UNLESS NOTED OTHERWISE.
- 1. PROVIDE 14" TJI / PRO-250 FLOOR JOISTS AT 24" O.C. THROUGHOUT, UNLESS NOTED OTHERWISE ON THE PLANS.
- 2. EXCEPT AS NOTED, PROVIDE 3/4" APA RATED STURD-I-FLOOR, 24 OC, EXPOSURE 1, TONGUE & GROOVE, WITH 2x2 DIMENSIONS AT 8" O/C, EDGES AND 12" O/C, FIELD. INSTALL ALL FLOOR SHEATHING WITH THE LONG DIMENSION, OR STRENGTH AXIS OF THE PANEL, PERPENDICULAR TO THE SUPPORTS AND WITH THE PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL END JOINTS SHALL OCCUR OVER FRAMING AND SHALL BE STAGGERED. GLUE FLOOR SHEATHING TO ALL SUPPORTS AT THE BOUNDARY & EDGES AND AT INTERMEDIATE FRAMING MEMBERS. ADHESIVES MUST CONFORM TO APA SPECIFICATION AFO-01 AND BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 3. PROVIDE "SQUASH" BLOCKS IN THE FLOOR SYSTEM FOR FULL BEARING SUPPORT UNDER ALL POSTS AND DOUBLE STUDS SUPPORTING ROOF GIRDER TRUSSES AND SUPPORTING BEAMS WITH ROOF LOADS, UNLESS NOTED OTHERWISE ON THE PLANS.

NATOMAS PARK
TRADITIONS

US Home

Lot # 27
2301 PLAN

7/5

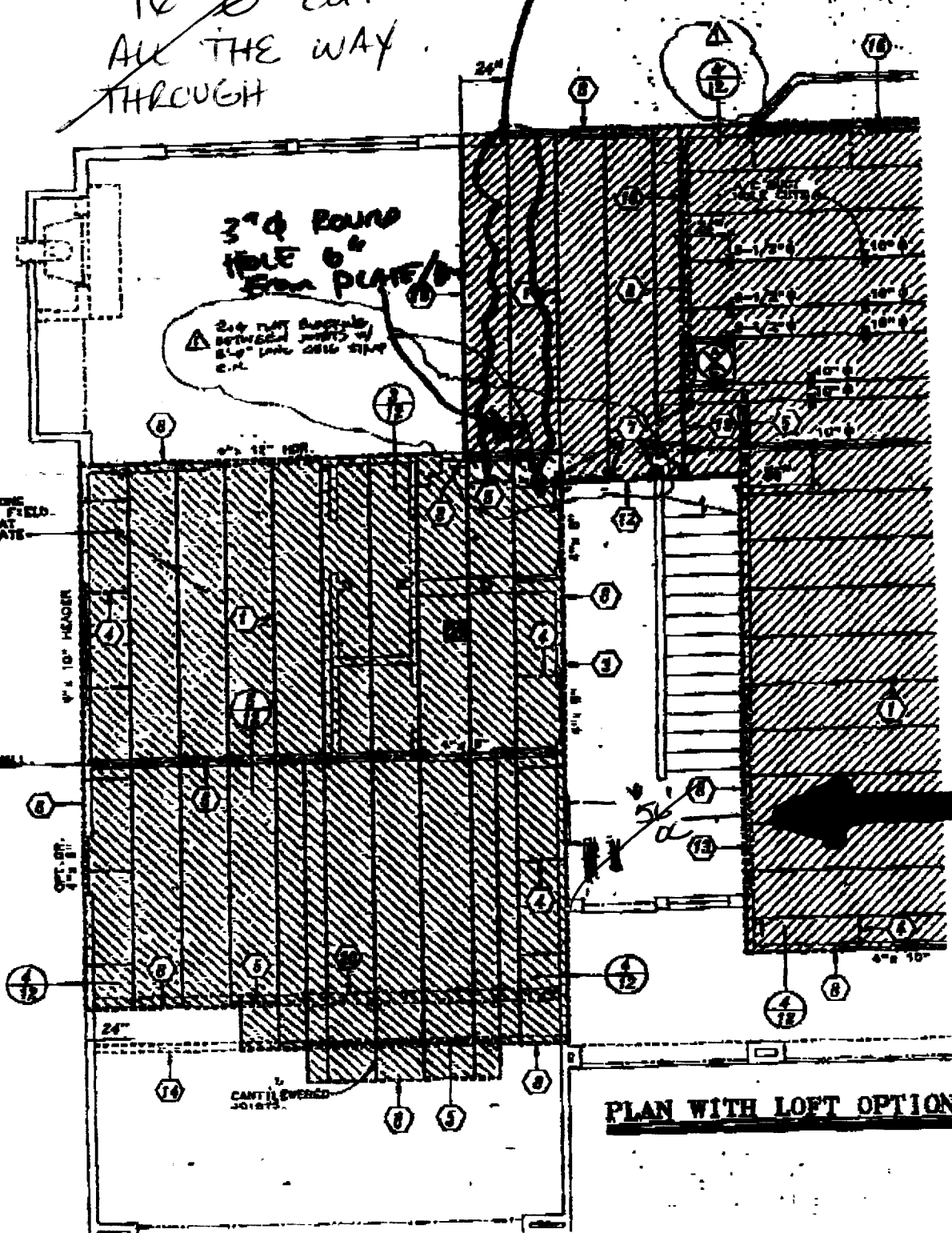
* Bay to be
16" Ø CUT
ALL THE WAY
THROUGH

JOIST # 2

3" Ø ROUND
HOLE @
EVEN PLATE

2" Ø RAY SUPPORTS
BETWEEN JOISTS @
5'-0" LONG 2016 STAY
C.M.

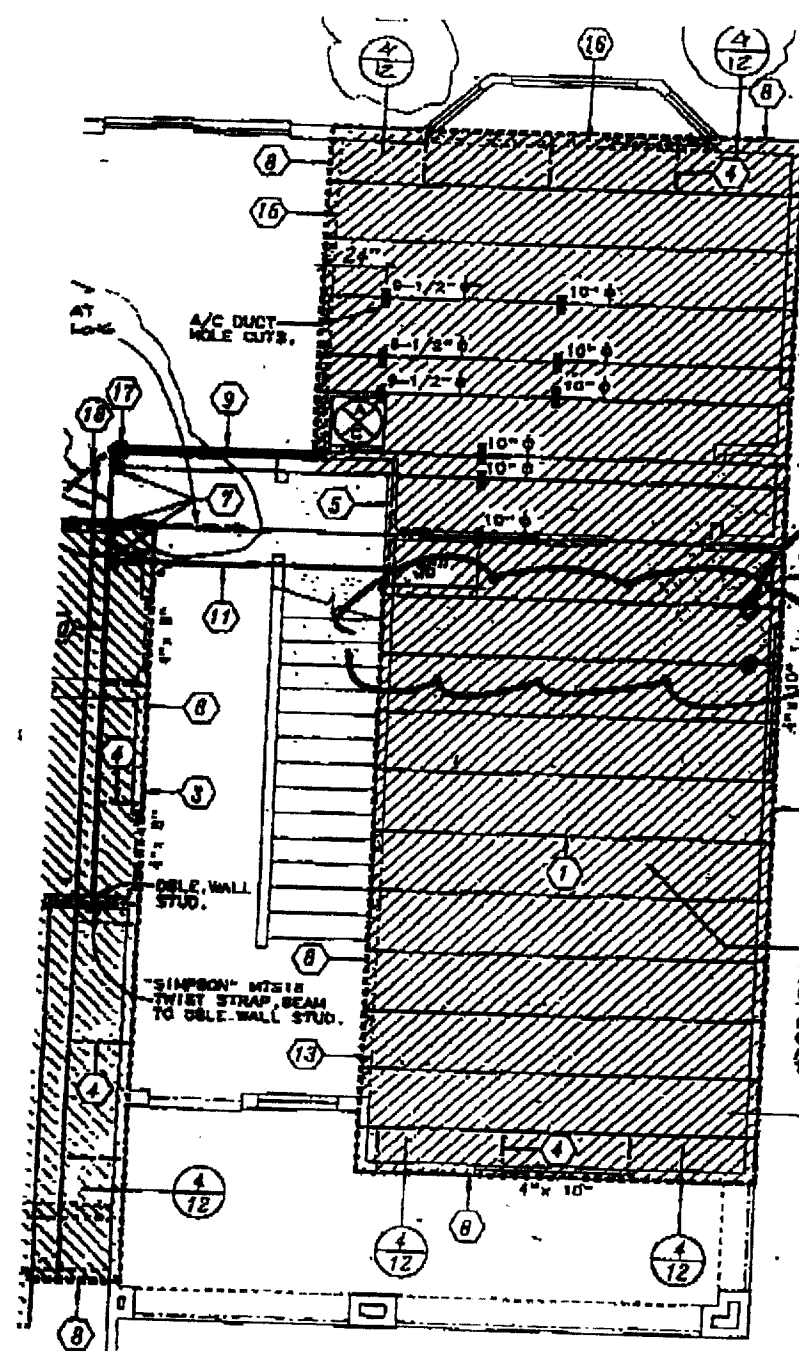
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PLAN WITH LOFT OPTION

WILLIAM HAMILT.
RESIDENTIAL DESIGNER
FRANK WHITAKE

Lot #27
2301 PLAN



5" SQUARE HOLE 1'-6" FROM PLATE JOIST #1

1'-3" TO START OF CUT

AT HATCH AREA:
3/4" APA RATED STURD-I-FLOOR, 24 O.C. EXPOSURE 1, TONGUE & GROOVE, WITH 8d COMMONS AT 8" O.C. EDGES, BLOCK & EDGE NAIL DISPOSED PER SPEC. AT 8" O.C. BOUNDARY & EDGES, 12" O.C. FIELD. BLUE FLOOR SHEATHING TO ALL SUPPORTS AT THE BOUNDARY & EDGES AND AT INTERMEDIATE FRAMING MEMBERS. ADHESIVES MUST CONFORM TO APA SPECIFICATION AFC-01 AND BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

O.K. REVISED 11-6-00

REVISED 11-7-00

FLOOR FRAMING PLAN

SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- INSTALL "TJI JOISTS", "MICROLANS", "PARALLANS", BLOCKING, & RIM BOARDS PER "TRUSS JOIST MacMILLAN" SPECIFICATIONS, UNLESS NOTED OTHERWISE.
 - PROVIDE 14" TJI PRO-250 FLOOR JOISTS AT 24" O.C. THROUGHOUT, UNLESS NOTED OTHERWISE ON THE PLANS.
EXCEPT AS NOTED, PROVIDE 3/4" APA RATED STURD-I-FLOOR, 24 O.C. EXPOSURE 1, TONGUE & GROOVE, WITH 8d COMMONS AT 8" O.C. EDGES AND 12" O.C. FIELD. INSTALL ALL FLOOR SHEATHING WITH THE LONG DIMENSION, OR STRENGTH AXIS OF THE PANEL, PERPENDICULAR TO THE SUPPORTS AND WITH THE PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL END JOINTS SHALL OCCUR OVER FRAMING AND SHALL BE STAGGERED. GLUE FLOOR SHEATHING TO ALL SUPPORTS AT THE BOUNDARY & EDGES AND AT INTERMEDIATE FRAMING MEMBERS. ADHESIVES MUST CONFORM TO APA SPECIFICATION AFC-01 AND BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE "SQUASH" BLOCKS IN THE FLOOR SYSTEM FOR FULL BEARING SUPPORT UNDER ALL POSTS AND DOUBLE STUDS SUPPORTING ROOF GIRDER TRUSSES AND SUPPORTING BEAMS WITH ROOF LOADS, UNLESS NOTED OTHERWISE ON THE PLANS.

O.K. TO BE 9" FROM INSIDE FACE OF WALL TO START OF CUT

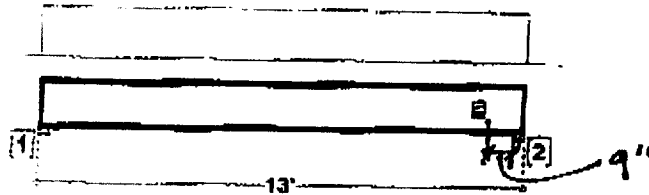
NATOMAS PARK TRADITIONS

US Home

14" TJI®/Pro™-250 JOIST @ 24.0" o/c

3/3

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED



Product Diagram is Conceptual.

LOADS:

Analysis for Joist Member Supporting FLOOR - RES. Application. Loads(psf): 40 Live at 100% duration, 12 Dead, 0 Partition

SUPPORTS:

	INPUT WIDTH	BEARING LENGTH	JUSTIFICATION	REACTIONS(lbs.)		DETAIL	OTHER
				LIVE/ DEAD/ TOTAL			
1	2x4 Plate	3.50"	2.25"	Left Face	520 / 156 / 676	Detail A3	1.25" LSL Rim
2	2x4 Plate	3.50"	2.25"	Right Face	520 / 156 / 676	Detail A3	1.25" LSL Rim

- See Trus Joist SPECIFIER'S / BUILDER'S GUIDES for detail(s): A3.

TJI HOLES:

	DIA.	HEIGHT	WIDTH	LEFT END TO HOLE CENTER	SPAN	DESIGN	CONTROL	COMMENT
Square	5"	5"	5"	11' 9"	1	570	914	Passed

DESIGN CONTROLS:

	MAXIMUM	DESIGN	CONTROL	CONTROL	LOCATION
Shear(lb)	654	648	1710	Passed(38%)	Rt. end Span 1 under Floor loading
Reaction(lb)	654	654	1171	Passed(56%)	Bearing 2 under Floor loading
Moment(ft-lb)	2058	2058	5418	Passed(38%)	MID Span 1 under Floor loading
Live Defl.(in)		0.102	0.315	Passed(L/999+)	MID Span 1 under Floor loading
Total Defl.(in)		0.133	0.629	Passed(L/999+)	MID Span 1 under Floor loading

9" TO START OF CUT FROM INSIDE FACE OF WALL

- Allowable moment was increased for repetitive member usage.
- Deflection Criteria: STANDARD(LL: L/480, TL:L/240).
- Deflection analysis is based on composite action with single layer of the appropriate span-rated, GLUED & NAILED wood decking.
- Bracing(Lu): All compression edges (top and bottom) must be braced at 2' 8" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.
- Capacity is controlled by hole 1

ADDITIONAL NOTES:

- **IMPORTANT!** The analysis presented is output from software developed by Trus Joist. Trus Joist warrants the sizing of its products by this software will be accomplished in accordance with Trus Joist product design criteria and code accepted design values. The specific product application, input design loads, and stated dimensions have been provided by the software user. This output has not been reviewed by a Trus Joist Associate.
- Not all products are readily available. Check with your supplier or Trus Joist technical representative for product availability.
- **THIS ANALYSIS FOR TRUS JOIST PRODUCTS ONLY! PRODUCT SUBSTITUTION VOIDS THIS ANALYSIS.**
- Allowable Stress Design methodology was used for Code NER analyzing the Trus Joist Residential product listed above.

PROJECT INFORMATION

No Project Information available

OPERATOR INFORMATION:

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