

1136 SW GIBBS ST. REV-01 RS02-128751

RS02-REV01-128751

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SEP 04 2002
MICROFILMED

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CITY OF

PORTLAND, OREGON

OFFICE OF PLANNING AND DEVELOPMENT REVIEW

1900 SW 4th Ave, Suite 5000

Portland, OR 97201

**RESIDENTIAL 1 & 2 FAMILY PERMIT****02-128751-REV-01-RS**Site Address: 1136 SW GIBBS ST
1136 GIBBS ST

Issued: 8/14/02

PROJECT INFORMATION		Occ. Group	Const. Type
Garage/Carport	Alteration	U1	V-N
Project Description: REV 8/14/02 CHANGE ALL ROOF JOISTS TO TJI'S FROM 2X10'S CARPORT WITH DECK ABOVE		REBUILD	

APPLICANT	JASON TRINCHERO	Phone (503) 552-5353
PROPERTY OWNER	DALENE JOHNSON & DANIEL JOHNSON	Phone
CONTRACTOR	JASON TRINCHERO	Phone

Project Details	Project Details
Code Edition (Year) 2000	Zoning Enforcement Agency Portland
PAID	

AUG 14 2002

CITY OF PORTLAND**BEFORE
YOU DIG**

ATTENTION: Oregon law requires you to follow rules adopted by the Oregon Utility Notification Center. Those rules are set forth in OAR 852-001-0010 through OAR 852-001-0090. You may obtain copies of the rules by calling the center. (Note: the telephone number for the Oregon Utility Notification Center is 1-800-332-2344).

CITY CONTACT

E-Mail:

Phone:

Fax: (503) 823-4172

**INSPECTION REQUEST
PHONE NUMBERS**

Building/Trade Inspections - Call Before 6:00 AM:

(503) 823-7000

TDD: (503) 823-6868

**IVR Inspection Request
Number:**

2241221

HOW TO USE THESE TABLES

- Determine the live load deflection criteria (MINIMUM CRITERIA PER CODE - L/360 or IMPROVED PERFORMANCE SYSTEM - L/480) and locate the appropriate table.
- Identify the loading condition (40 PSF LIVE LOAD/10 PSF DEAD LOAD or 40 PSF LIVE LOAD/20 PSF DEAD LOAD) and move to the appropriate section of the table.

MINIMUM CRITERIA PER CODE

L/360 LIVE LOAD DEFLECTION

DEPTH	TJI®/Pro™	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
9 1/2"	150	18'-8"	17'-1"	16'-2"	14'-11"
	250	19'-6"	17'-10"	16'-10"	15'-8"
	350	22'-3"	20'-4"	18'-10"	15'-0"
	550	23'-3"	21'-3"	20'-0"	18'-8" (1)
11 1/2"	150	24'-10"	22'-8"	21'-4"	18'-11" (1)
	250	28'-2"	25'-8"	24'-2"	22'-6"
	350	26'-5"	24'-1"	22'-9"	18'-11" (1)
	550	28'-2"	25'-8"	24'-2"	21'-4" (1)
14"	150	32'-0"	29'-1"	27'-5"	25'-6"
	250	29'-3"	26'-8" (1)	24'-11"	18'-11" (1)
	350	31'-2"	28'-5" (1)	26'-8" (1)	21'-4" (1)
	550	35'-9"	32'-3"	30'-4"	26'-9" (1)
16"	150	18'-8"	16'-8"	15'-3"	12'-6"
	250	19'-6"	17'-10"	16'-6"	13'-5"
	350	22'-3"	20'-4"	18'-10"	15'-0"
	550	23'-3"	21'-3"	20'-0"	18'-8" (1)
11 1/2"	150	24'-10"	22'-8"	21'-4"	18'-11" (1)
	250	28'-2"	25'-8"	24'-2"	22'-6"
	350	26'-5"	24'-1"	22'-9"	18'-11" (1)
	550	28'-2"	25'-8"	24'-2"	21'-4" (1)
14"	150	32'-0"	29'-1"	27'-5"	25'-6"
	250	29'-3"	26'-8" (1)	24'-11"	18'-11" (1)
	350	31'-2"	28'-5" (1)	26'-8" (1)	21'-4" (1)
	550	35'-9"	32'-3"	30'-4"	26'-9" (1)
16"	150	18'-8"	16'-8"	15'-3"	12'-6"
	250	19'-6"	17'-10"	16'-6"	13'-5"
	350	22'-3"	20'-4"	18'-10"	15'-0"
	550	23'-3"	21'-3"	20'-0"	18'-8" (1)

3. Select the on-center spacing you prefer.
4. Scan down the column until you meet or exceed the span of your application.
5. Scan left in the row to locate the TJI® joist series and depth which satisfies your condition.

IMPROVED PERFORMANCE SYSTEM

L/480 LIVE LOAD DEFLECTION

DEPTH	TJI®/Pro™	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
9 1/2"	150	18'-11"	15'-5"	14'-7"	13'-7"
	250	17'-8"	16'-1"	15'-2"	14'-2"
	350	20'-1"	18'-4"	17'-4"	15'-0"
	550	21'-0"	19'-2"	18'-1"	16'-10" (1)
11 1/2"	150	22'-5"	20'-5"	19'-3"	17'-11"
	250	25'-6"	23'-2"	21'-10"	20'-3"
	350	23'-10"	21'-9"	20'-6" (1)	18'-11" (1)
	550	25'-6"	23'-2"	21'-10"	20'-4" (1)
14"	150	28'-11"	26'-3"	24'-9"	23'-0"
	250	26'-5"	24'-1"	22'-9" (1)	18'-11" (1)
	350	28'-2"	25'-8"	24'-2" (1)	21'-4" (1)
	550	32'-0"	29'-1"	27'-5"	25'-5"
16"	150	16'-11"	15'-5"	14'-7"	12'-6"
	250	17'-8"	16'-1"	15'-2"	13'-5"
	350	20'-1"	18'-4"	15'-8"	12'-6"
	550	21'-0"	19'-2"	18'-1" (1)	15'-9" (1)
11 1/2"	150	22'-5"	20'-5"	19'-3" (1)	17'-9" (1)
	250	25'-6"	23'-2"	21'-10"	20'-3"
	350	23'-10"	21'-9" (1)	19'-9" (1)	15'-9" (1)
	550	25'-6"	23'-2" (1)	21'-10" (1)	17'-9" (1)
14"	150	28'-11"	26'-3"	24'-9"	22'-5" (1)
	250	26'-5"	23'-8" (1)	19'-9" (1)	15'-9" (1)
	350	28'-2"	25'-8" (1)	22'-2" (1)	17'-9" (1)
	550	32'-0"	29'-1"	27'-5" (1)	22'-5" (1)

- Long term deflection under dead load which includes the effect of creep, common to all wood members, has not been considered for any of the above application. Shaded spans reflect initial dead load deflection exceeding 0.33", which may be unacceptable. For additional information, refer to our TJI-Beam® or TJI-Xpert® software or contact your TJI Joist representative.

- (1) Web stiffeners are required at intermediate supports of continuous span joists in conditions where the intermediate bearing width is less than 5 1/4" and the span on either side of the intermediate bearing is greater than the spans shown in the following table:

TJI®/Pro™	40 PSF LIVE LOAD, 10 PSF DEAD LOAD*				40 PSF LIVE LOAD, 20 PSF DEAD LOAD**			
	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.	12" o.c.	16" o.c.	19.2" o.c.	24" o.c.
150	Web Stiffener Not Required				Web Stiffener Not Required			
250	Not Required	24'-3"	20'-2"	16'-1"	26'-11"	20'-2"	16'-9"	
350	Not Required	27'-8"	23'-1"	18'-5"	30'-9"	23'-1"	19'-2"	
550	Not Required				Not Required			

* 12 PSF Dead Load at TJI®/Pro™ 550 Joists.

** 22 PSF Dead Load at TJI®/Pro™ 550 Joists.

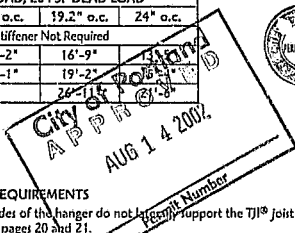
GENERAL NOTES

Tables are based on:

- Assumed composite action with a single layer of appropriate span-rated glue-nailed wood sheathing for deflection only (spans shall be reduced 5" when sheathing panels are nailed only).
- Uniformly loaded joists.
- Increase for repetitive member use has been included.
- Spans shown are clear distance between supports.
- Most restrictive of simple or multiple span.
- For loading conditions not shown, refer to PLF tables on page 11.

WEB STIFFENER REQUIREMENTS

- Required if the sides of the hanger do not adequately support the TJI® joist top flange over per footnotes on pages 20 and 21.
- End Bearings: Not required.
- Intermediate Bearings: Not required at intermediate bearing where joists are continuous in span and the intermediate bearing is at least 5 1/4" wide. For intermediate supports less than 5 1/4" wide, web stiffeners may be required (see footnote 1 above).



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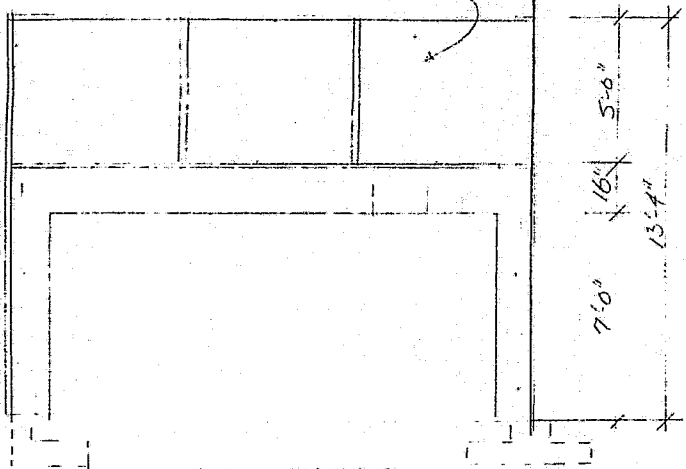
02-128751-RV-01-RS
TRINCHERO RESIDENCE
1433 W. GIBBS ST.
PORTLAND OR 97210

CARPORT ELEV. 101.02

02.128751

EXISTING LATTICE SCREEN

New 7/8" EXT GYP BOARD WITH JOIS THE ENTIRE 1' 11" OVER



NORTH ELEVATION
SCALE 1/8" = 1'-0"

New 2x6 Deck

New TORCHDOWN ROOF OVER BASE SHEET OVER 3/4" CDX SLOPE @ 1/4" / 1'-0"

5/8" EXT GYP BRD.

EXISTING JOISTS REPLACE AS NEEDED

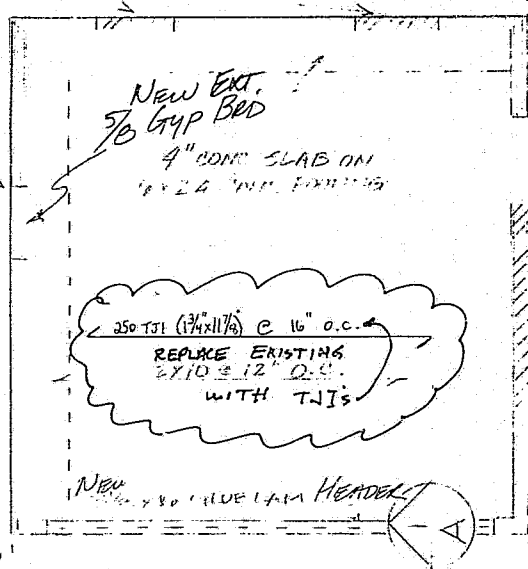
ROOF/DECK SECTION
SCALE 3/4" = 1'-0"

REPLACE W/ TJI 250

(A)

EXISTING W/ GYP BRD
W/ 1/2" W/ IN FILL

18'-0"



EXISTING STAIRS TO GRADE
DOWN

EXISTING EXTERIOR FLOOR FINISH W.M.L. OF ROOF

City of Portland
APPROVED
AUG 14 2002
02-128751-RV-D1-RS
Permit Number

City of Portland
APPROVED
JUL 02 2002

EXISTING PLAN
NEW
SCALE 1/8" = 1'-0"