

LEVEL G2			
Member Name	Results	Current Solution	Comments
UNIT 5201 J16j	Passed	1 piece(s) 11 7/8" TJI® 560 @ 16" OC	
UNIT 5202 J16i @ PSL BEAM	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5202 J16i WITH BLKG	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5205 J16i	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5219 J20j @ WF BEAM	Passed	1 piece(s) 11 7/8" TJI® 560 @ 16" OC	
UNIT 5219 J16j @ WF BEAM	Passed	1 piece(s) 11 7/8" TJI® 560 @ 16" OC	
UNIT 5219 J16i @ WF BEAM	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5219 J16i W/CORRIDOR LOADING	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5277 J7f @ WF BEAM	Passed	1 piece(s) 11 7/8" TJI® 110 @ 16" OC	

Maybe User Setting Here to Allow this?

Job Settings	Job Summary	Wind Loading
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Design All Print Job Summary Print Designed Members

Job Summary: 5 Member(s)

	Member Name	Results	Current Solution	Comments
▼	Level: 5 Member(s)			
	C5 (#1,2,3)	Passed	1 piece(s) 14" TJI® 110 @ 24" OC	
	C5 (#4)	Failed	1 piece(s) 14" TJI® 110 @ 24" OC	Concentrated load magnitudes are too high
	C5 (#5)	Passed	1 piece(s) 14" TJI® 110 @ 24" OC	
	C6-2	Passed	2 piece(s) 14" TJI® 110	
	C5 (#6)	Failed	1 piece(s) 14" TJI® 110 @ 24" OC	

LEVEL ATTIC			
Member Name	Results	Current Solution	Comments
UNIT 5303M J16f @ GRIDLINES 3 & E	Passed	1 piece(s) 11 7/8" TJI® 110 @ 16" OC	
UNIT 5307M J13i @ GRIDLINES 3 & E	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5354M J17i @ GRIDLINES DS & S3	Passed	1 piece(s) 11 7/8" TJI® 360 @ 16" OC	
UNIT 5352M DBL J13f @ GRIDLINES DS & S3	Passed	2 piece(s) 11 7/8" TJI® 110 @ 16" OC	
UNIT 5353M J16f @ GRIDLINES CS & S4	Passed	1 piece(s) 11 7/8" TJI® 110 @ 16" OC	
UNIT 5349M J16f @ GRIDLINES CS & S6	Passed	1 piece(s) 11 7/8" TJI® 110 @ 16" OC	

This note appears once instead of on every calc. See next pages

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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO

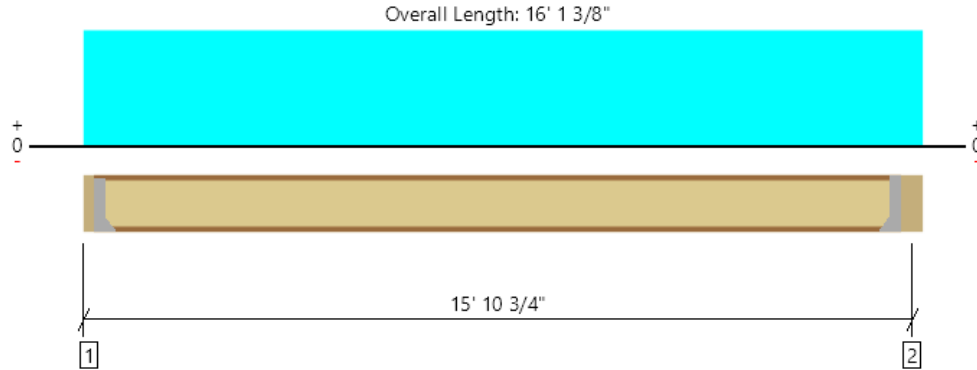


File Name: SR-292393 HOTEL DEL CORONADO OFA CALCS 11 MARCH 2021

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ForteWEB v3.1

LEVEL G2, UNIT 5201 J16j
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	670 @ 2 1/2"	1265 (1.75")	Passed (53%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	670 @ 2 1/2"	2050	Passed (33%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2592 @ 7' 11 5/16"	9500	Passed (27%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.120 @ 7' 11 5/16"	0.387	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.195 @ 7' 11 5/16"	0.773	Passed (L/953)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	61	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" ²	265	424	689	See note ¹
2 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	272	436	708	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	11' 1" o/c	
Bottom Edge (Lu)	15' 6" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	
2 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	

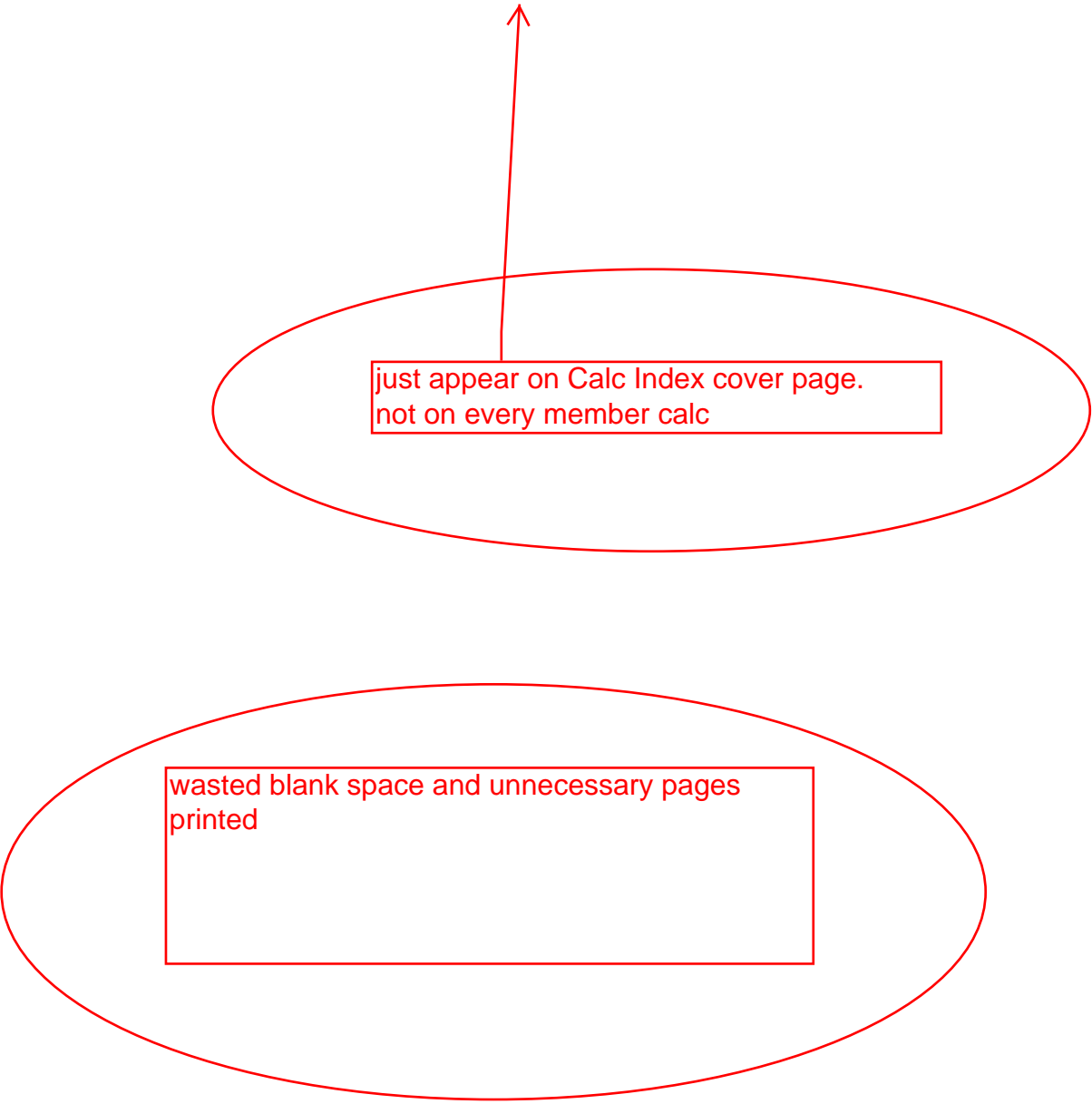
- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16' 1 3/8"	16"	25.0	40.0	RESIDENTIAL LOADING

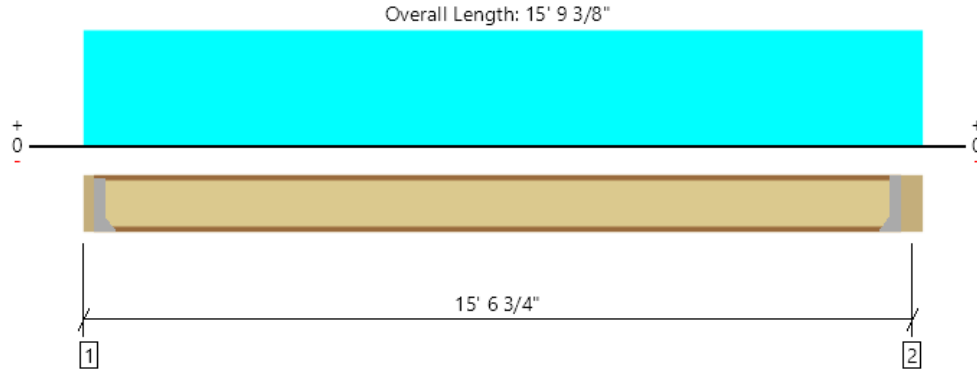
ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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File Name: SR-292393 HOTEL DEL CORONADO OFA CALCS 11



LEVEL G2, UNIT 5202 J16i @ PSL BEAM
1 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	656 @ 2 1/2"	1080 (1.75")	Passed (61%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	656 @ 2 1/2"	1705	Passed (38%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2482 @ 7' 9 5/16"	6180	Passed (40%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.154 @ 7' 9 5/16"	0.378	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.251 @ 7' 9 5/16"	0.757	Passed (L/725)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	57	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" 2	259	415	674	See note ¹
2 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" 2	267	427	694	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' o/c	
Bottom Edge (Lu)	15' 2" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS2.37/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip	
2 - Face Mount Hanger	IUS2.37/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 9 3/8"	16"	25.0	40.0	RESIDENTIAL LOADING

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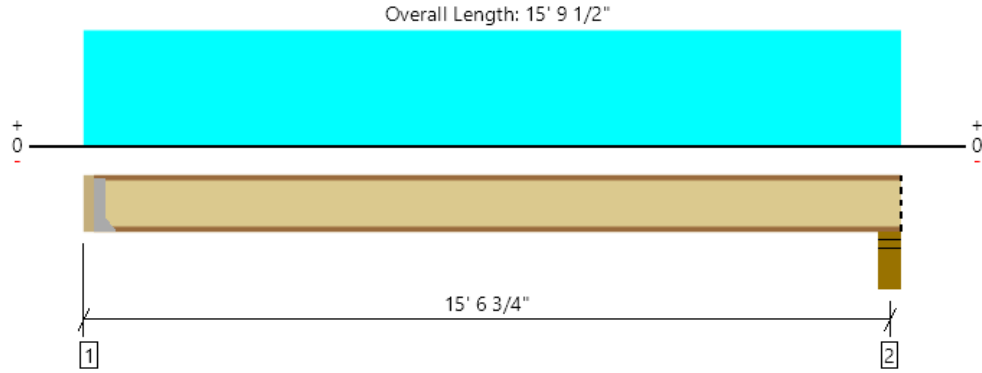
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LEVEL G2, UNIT 5202 J16i WITH BLKG
1 piece(s) 11 7/8" TJI® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	659 @ 2 1/2"	1080 (1.75")	Passed (61%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	659 @ 2 1/2"	1705	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2506 @ 7' 9 3/4"	6180	Passed (41%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.157 @ 7' 9 3/4"	0.380	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.255 @ 7' 9 3/4"	0.760	Passed (L/716)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	56	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" ²	260	417	677	See note ¹
2 - Stud wall - DF	5.50"	5.50"	1.75"	266	426	692	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' o/c	
Bottom Edge (Lu)	15' 7" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Face Mount Hanger	IUS2.37/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 9 1/2"	16"	25.0	40.0	RESIDENTIAL LOADING

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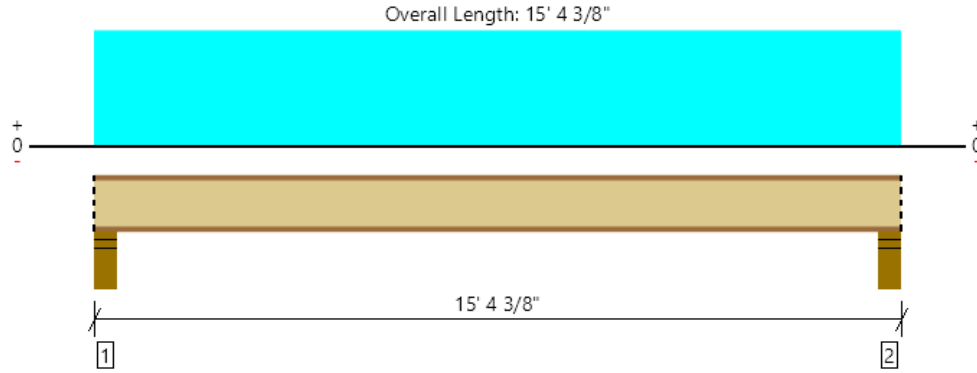
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LEVEL G2, UNIT 5205 J16i
1 piece(s) 11 7/8" TJI® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	666 @ 4 1/2"	1505 (3.50")	Passed (44%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	626 @ 5 1/2"	1705	Passed (37%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2314 @ 7' 8 3/16"	6180	Passed (37%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.136 @ 7' 8 3/16"	0.365	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.221 @ 7' 8 3/16"	0.731	Passed (L/795)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	61	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	5.50"	5.50"	1.75"	256	410	666	Blocking
2 - Stud wall - DF	5.50"	5.50"	1.75"	256	410	666	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' 3" o/c	
Bottom Edge (Lu)	15' 4" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 4 3/8"	16"	25.0	40.0	RESIDENTIAL LOADING

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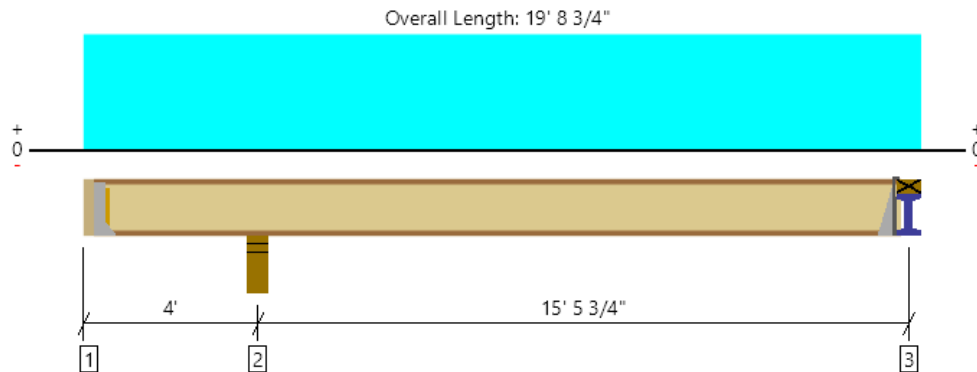
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LEVEL G2, UNIT 5219 J20j @ WF BEAM
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1497 @ 4'	3455 (5.25")	Passed (43%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	741 @ 4' 2 3/4"	2255	Passed (33%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	-2043 @ 4'	9500	Passed (22%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.071 @ 12' 5 1/4"	0.381	Passed (L/999+)	--	1.0 D + 1.0 L (Alt Spans)
Total Load Defl. (in)	0.115 @ 12' 5 5/16"	0.761	Passed (L/999+)	--	1.0 D + 1.0 L (Alt Spans)
TJ-Pro™ Rating	62	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- 452 lbs uplift at support located at 2 1/2". Strapping or other restraint may be required.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" ²	-137	107/-315	107/-452	See note ¹
2 - Stud wall - DF	5.50"	5.50"	3.50"	576	921	1497	None
3 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" ²	219	351	570	See note ¹

• At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

• ¹ See Connector grid below for additional information and/or requirements.

• ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	14' 3" o/c	
Bottom Edge (Lu)	12' 7" o/c	

• TJI joists are only analyzed using Maximum Allowable bracing solutions.

• Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	LSSR410Z	1.88"	N/A	20-16dx2.5	13-16dx2.5	Web Stiffeners
3 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	

• Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 19' 8 3/4"	16"	25.0	40.0	RESIDENTIAL LOADING

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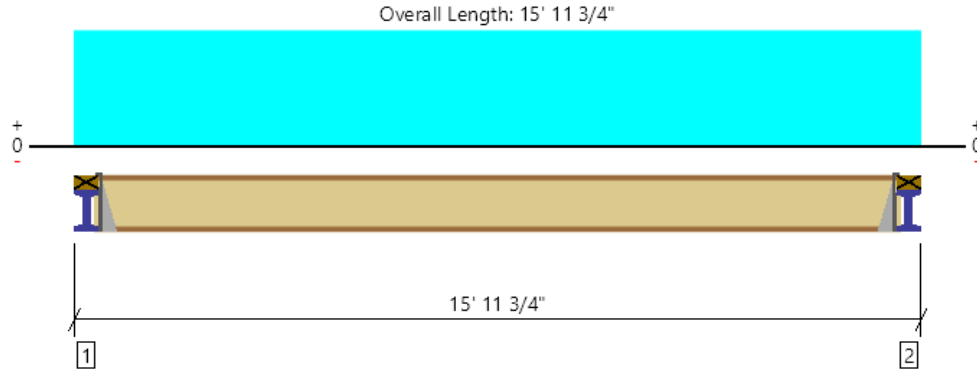
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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5219 J16j @ WF BEAM
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	649 @ 6"	1265 (1.75")	Passed (51%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	649 @ 6"	2050	Passed (32%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2431 @ 7' 11 7/8"	9500	Passed (26%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.107 @ 7' 11 7/8"	0.374	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.174 @ 7' 11 7/8"	0.749	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	62	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	426	692	See note ¹
2 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	426	692	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	11' 6" o/c	
Bottom Edge (Lu)	15' o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	
2 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 11 3/4"	16"	25.0	40.0	RESIDENTIAL LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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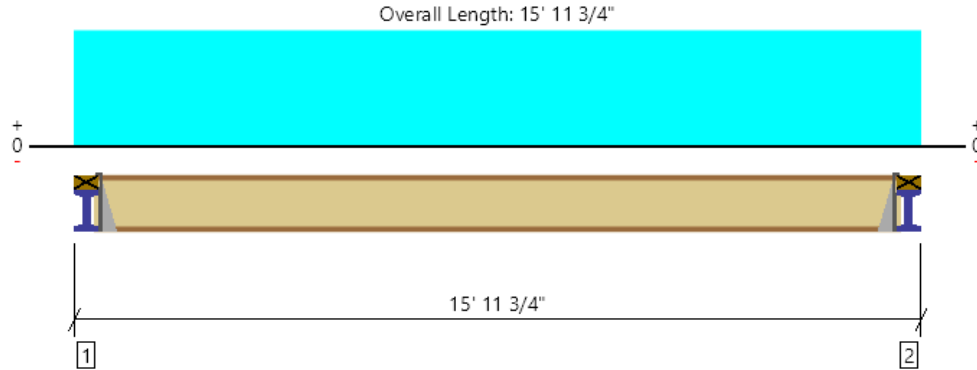
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5219 J16i @ WF BEAM
1 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	649 @ 6"	1080 (1.75")	Passed (60%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	649 @ 6"	1705	Passed (38%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2431 @ 7' 11 7/8"	6180	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.148 @ 7' 11 7/8"	0.374	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.241 @ 7' 11 7/8"	0.749	Passed (L/745)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	57	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	426	692	See note ¹
2 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	426	692	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' 1" o/c	
Bottom Edge (Lu)	15' o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Top Mount Hanger	ITS2.37/11.88	2.00"	4-16dx2.5	2-16dx2.5	2-Strong-Grip	
2 - Top Mount Hanger	ITS2.37/11.88	2.00"	4-16dx2.5	2-16dx2.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 11 3/4"	16"	25.0	40.0	RESIDENTIAL LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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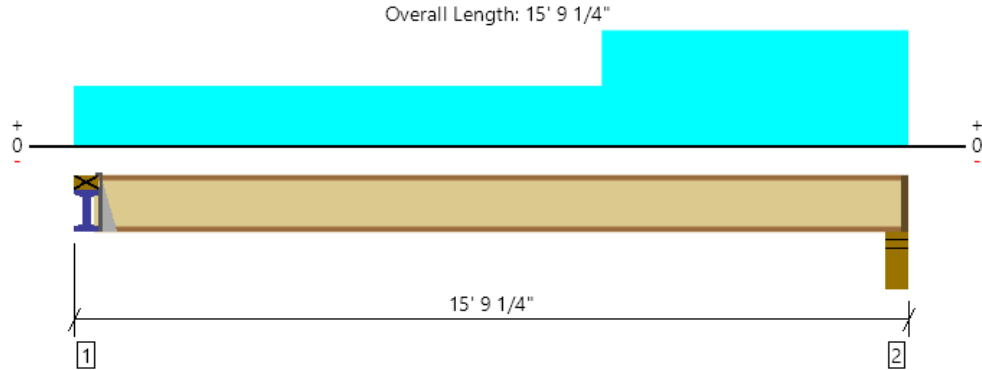
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5219 J16i W/CORRIDOR LOADING
1 piece(s) 11 7/8" TJI® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1046 @ 15' 4 3/4"	1505 (3.50")	Passed (69%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	994 @ 15' 3 3/4"	1705	Passed (58%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	3062 @ 8' 10 7/8"	6180	Passed (50%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.211 @ 8' 2 1/2"	0.372	Passed (L/846)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.302 @ 8' 1 1/2"	0.745	Passed (L/592)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	57	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" ²	265	507	772	See note ¹
2 - Stud wall - DF	5.50"	3.75"	1.75"	261	809	1070	1 3/4" Rim Board

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' 4" o/c	
Bottom Edge (Lu)	15' 2" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Top Mount Hanger	ITS2.37/11.88	2.00"	4-16dx2.5	2-16dx2.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Loads	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 9' 10"	16"	25.0	40.0	RESIDENTIAL LOADING
2 - Uniform (PSF)	9' 10" to 15' 9 1/4"	16"	25.0	100.0	CORRIDOR LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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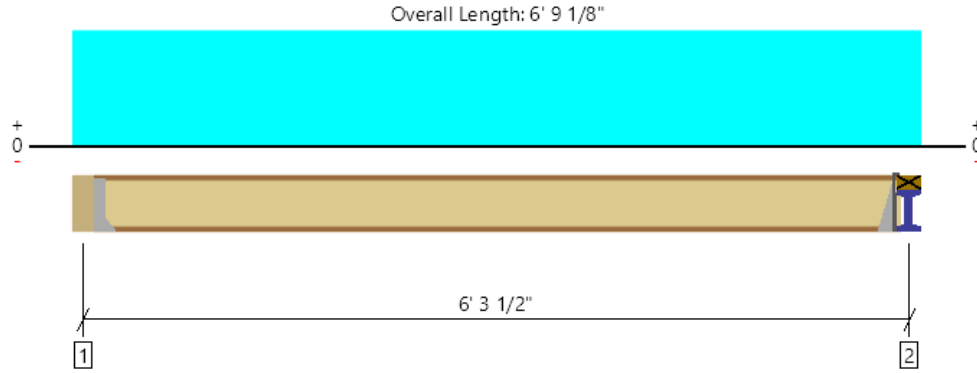
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5277 J7f @ WF BEAM
1 piece(s) 11 7/8" TJI ® 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	485 @ 5 1/4"	910 (1.75")	Passed (53%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	485 @ 5 1/4"	1560	Passed (31%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	706 @ 3' 4 3/16"	3160	Passed (22%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.020 @ 3' 4 3/16"	0.146	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.026 @ 3' 4 3/16"	0.291	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	77	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	112	447	559	See note ¹
2 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" ²	114	455	569	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' 10" o/c	
Bottom Edge (Lu)	5' 10" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS1.81/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip	
2 - Top Mount Hanger	ITS1.81/11.88	2.00"	4-16dx2.5	2-16dx2.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 6' 9 1/8"	16"	25.0	100.0	LOBBY LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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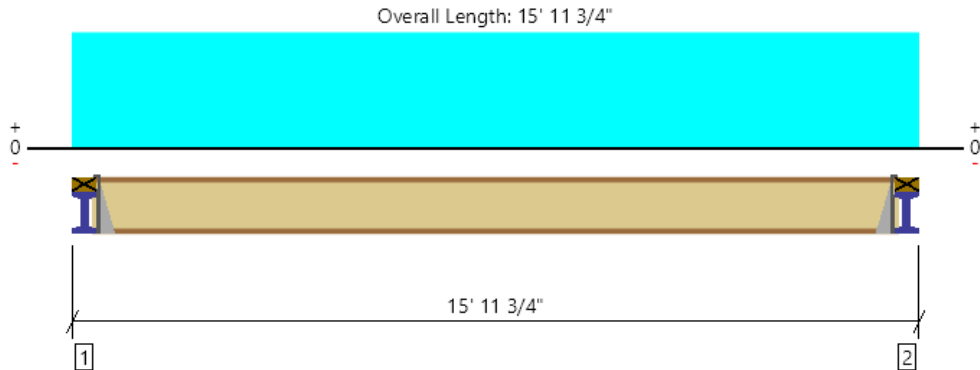
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LEVEL G2, UNIT 5277 J16j @ WF BEAM
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1248 @ 6"	1265 (1.75")	Passed (99%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1248 @ 6"	2050	Passed (61%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	4674 @ 7' 11 7/8"	9500	Passed (49%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.267 @ 7' 11 7/8"	0.374	Passed (L/673)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.334 @ 7' 11 7/8"	0.749	Passed (L/539)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	62	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	1065	1331	See note ¹
2 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	266	1065	1331	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	8' 2" o/c	
Bottom Edge (Lu)	15' o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	
2 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 11 3/4"	16"	25.0	100.0	LOBBY LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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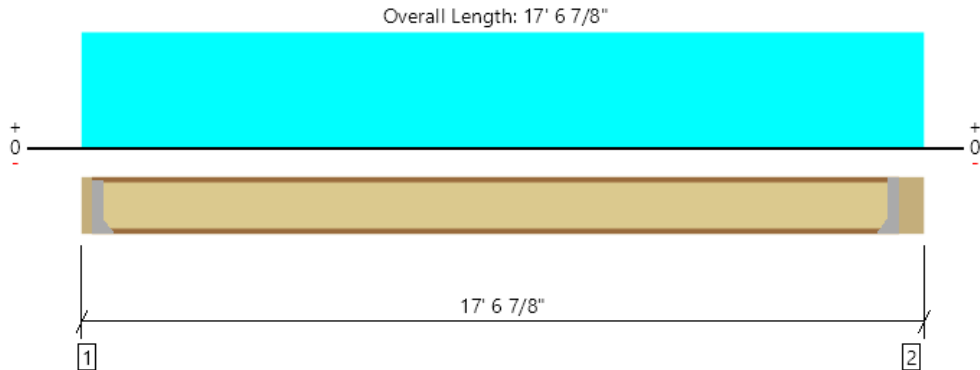
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Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, J18j DECK JOISTS @ GRIDLINES DS & S1
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1124 @ 2 1/2"	1265 (1.75")	Passed (89%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1124 @ 2 1/2"	2050	Passed (55%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	4740 @ 8' 7 11/16"	9500	Passed (50%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.246 @ 8' 7 11/16"	0.422	Passed (L/824)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.409 @ 8' 7 11/16"	0.843	Passed (L/494)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	57	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" ²	461	691	1152	See note ¹
2 - Hanger on 11 7/8" PSL beam	6.00"	Hanger ¹	1.75" / 1.75" ²	476	715	1191	See note ¹

• At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

• ¹ See Connector grid below for additional information and/or requirements.

• ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	8' 1" o/c	
Bottom Edge (Lu)	16' 10" o/c	

• TJI joists are only analyzed using Maximum Allowable bracing solutions.

• Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	
2 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	

• Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 17' 6 7/8"	16"	40.0	60.0	WOOD DECK LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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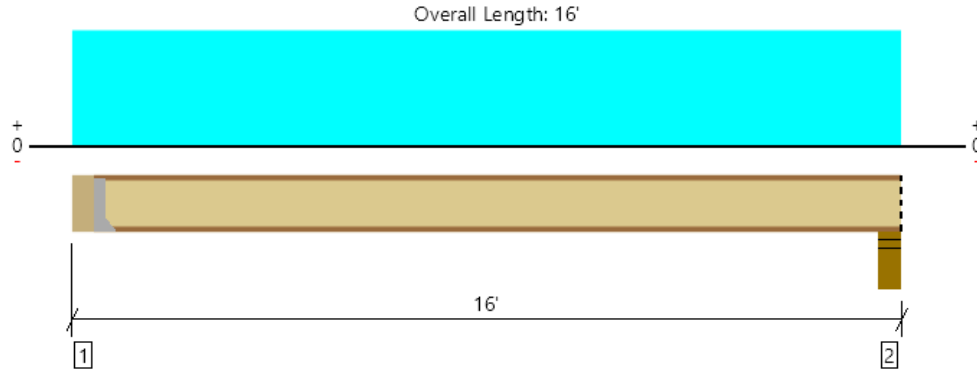
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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5253 J16f @ 16" OC
1 piece(s) 11 7/8" TJI ® 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	658 @ 5' 1/4"	910 (1.75")	Passed (72%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	658 @ 5' 1/4"	1560	Passed (42%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2499 @ 8' 3/8"	3160	Passed (79%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.218 @ 8' 3/8"	0.380	Passed (L/837)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.354 @ 8' 3/8"	0.759	Passed (L/515)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	51	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	268	428	696	See note ¹
2 - Stud wall - DF	5.50"	5.50"	1.75"	266	425	691	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	3' 6" o/c	
Bottom Edge (Lu)	15' 7" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Face Mount Hanger	IUS1.81/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16'	16"	25.0	40.0	RESIDENTIAL LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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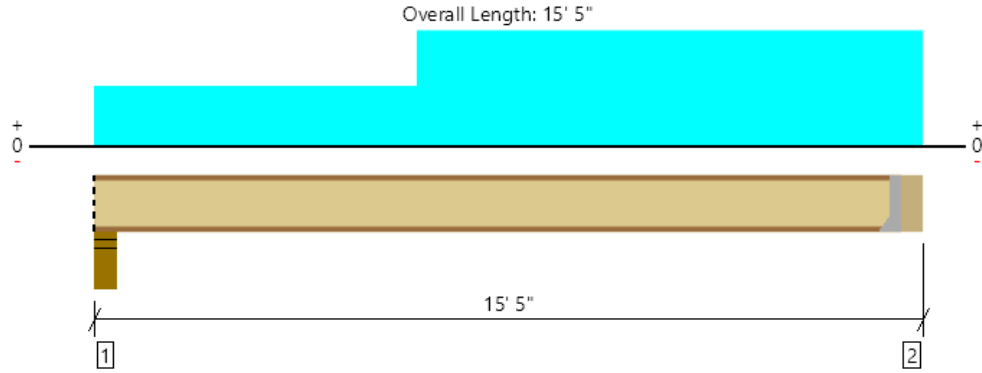
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, J16j @ ST-5 GRIDLINES CS & S4
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1125 @ 14' 11 3/4"	1265 (1.75")	Passed (89%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1125 @ 14' 11 3/4"	2050	Passed (55%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	3798 @ 8' 2 3/4"	9500	Passed (40%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.196 @ 7' 10 7/16"	0.365	Passed (L/896)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.256 @ 7' 9 7/8"	0.730	Passed (L/683)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	63	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	5.50"	5.50"	1.75"	256	622	878	Blocking
2 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	258	940	1198	See note ¹

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	9' 1" o/c	
Bottom Edge (Lu)	15' o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
2 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Loads	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 6' 2"	16"	25.0	40.0	RESIDENTIAL LOADING
2 - Uniform (PSF)	6' 2" to 15' 5"	16"	25.0	100.0	CORRIDOR LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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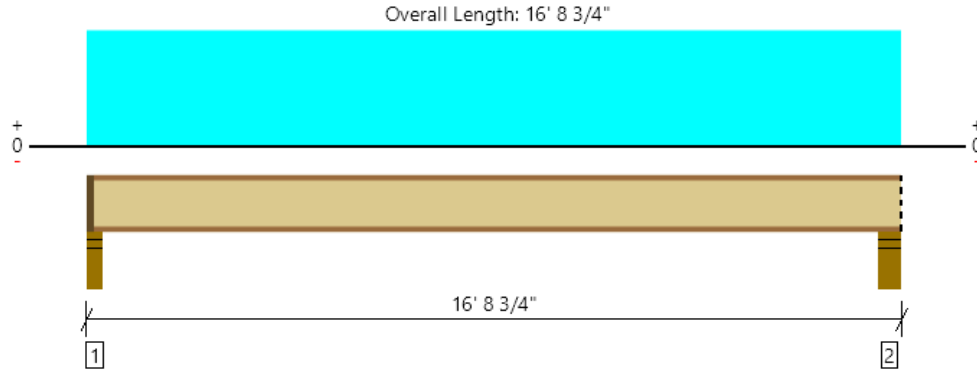
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G2, UNIT 5238 J17i @ 16" OC GRIDLINES DS & S10
1 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	706 @ 2 3/4"	1141 (2.00")	Passed (62%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	692 @ 3 3/4"	1705	Passed (41%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2817 @ 8' 3 1/2"	6180	Passed (46%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.194 @ 8' 3 1/2"	0.403	Passed (L/995)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.316 @ 8' 3 1/2"	0.806	Passed (L/612)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	57	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	3.75"	2.00"	1.75"	276	442	718	1 3/4" Rim Board
2 - Stud wall - DF	5.50"	5.50"	1.75"	281	450	731	Blocking

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.
- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' 7" o/c	
Bottom Edge (Lu)	16' 7" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16' 8 3/4"	16"	25.0	40.0	RESIDENTIAL LOADING

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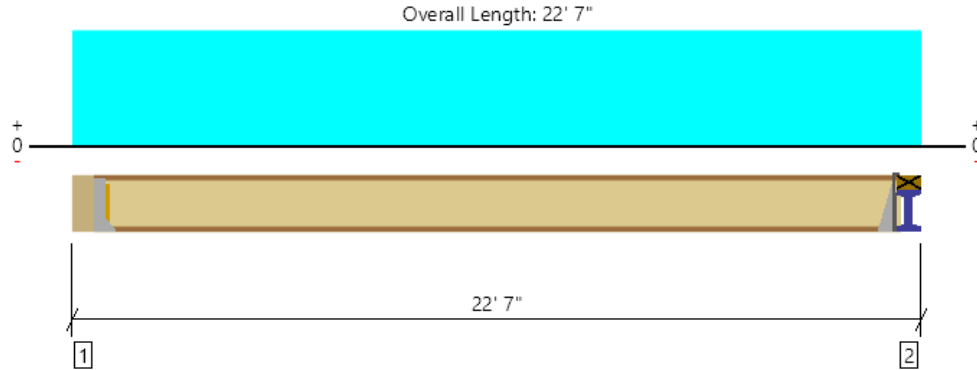
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LEVEL G3, UNIT 5373 J23j @ GRIDLINES D & 9.9
1 piece(s) 11 7/8" TJI ® 560 @ 12" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1353 @ 5 1/4"	1353 (2.08")	Passed (100%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1353 @ 5 1/4"	2050	Passed (66%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	7321 @ 11' 3 1/8"	9500	Passed (77%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.792 @ 11' 3 1/8"	0.541	Failed (L/328)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.990 @ 11' 3 1/8"	1.082	Passed (L/262)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	48	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	2.08" / 1.75" ²	282	1126	1408	See note ¹
2 - Hanger on Single 2X DF plate	6.00"	Hanger ¹	2.08" / 1.75" ²	283	1132	1415	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	6' 3" o/c	
Bottom Edge (Lu)	21' 8" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10d	2-10dx1.5	Web Stiffeners
2 - Top Mount Hanger	MIT411.88	2.50"	4-10dx1.5	2-10dx1.5	2-10dx1.5	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 22' 7"	12"	25.0	100.0	LOBBY LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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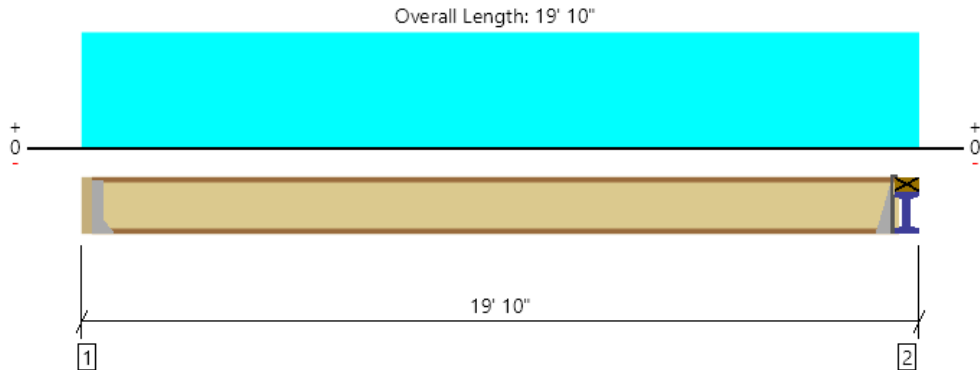
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Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G3, J20j @ GRIDLINES ES & S1
1 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1275 @ 2 1/2"	1275 (1.79")	Passed (100%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1275 @ 2 1/2"	2050	Passed (62%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	6096 @ 9' 9 1/4"	9500	Passed (64%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.390 @ 9' 9 1/4"	0.478	Passed (L/588)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.650 @ 9' 9 1/4"	0.956	Passed (L/353)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	51	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.79" / 1.75" ²	521	782	1303	See note ¹
2 - Hanger on 3X DF plate	6.00"	Hanger ¹	1.79" / 1.75" ²	537	805	1342	See note ¹

• At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

• ¹ See Connector grid below for additional information and/or requirements.

• ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	7' o/c	
Bottom Edge (Lu)	19' 2" o/c	

• TJI joists are only analyzed using Maximum Allowable bracing solutions.

• Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10d	2-Strong-Grip	
2 - Top Mount Hanger	ITS3.56/11.88	2.00"	4-16dx2.5	2-16dx2.5	2-Strong-Grip	

• Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 19' 10"	16"	40.0	60.0	DECK LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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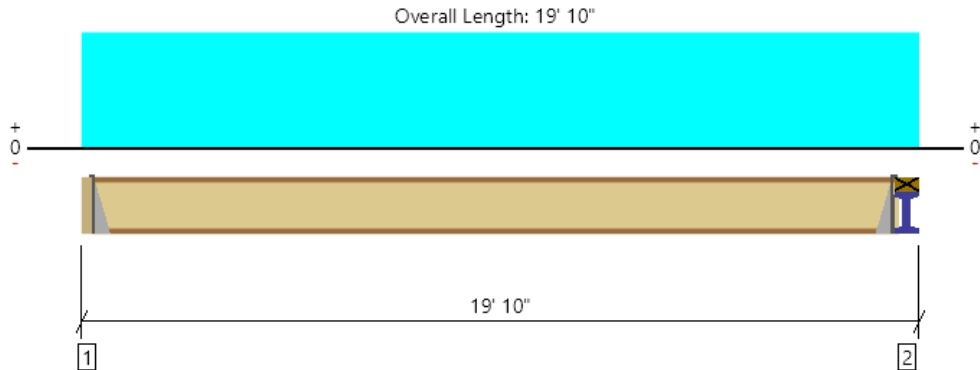
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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G3, DBL J20j @ GRIDLINES ES & S1
2 piece(s) 11 7/8" TJI ® 560 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	1275 @ 2 1/2"	2530 (1.75")	Passed (50%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	1275 @ 2 1/2"	4100	Passed (31%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	6096 @ 9' 9 1/4"	19000	Passed (32%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.204 @ 9' 9 1/4"	0.478	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.341 @ 9' 9 1/4"	0.956	Passed (L/674)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	60	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	2.50"	Hanger ¹	1.75" / 1.75" 2	521	782	1303	See note ¹
2 - Hanger on Single 2X DF plate	6.00"	Hanger ¹	1.75" / 1.75" 2	537	805	1342	See note ¹

• At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

• ¹ See Connector grid below for additional information and/or requirements.

• ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	10' 3" o/c	
Bottom Edge (Lu)	19' 2" o/c	

• TJI joists are only analyzed using Maximum Allowable bracing solutions.

• Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Top Mount Hanger	BA7.12/11.88	3.00"	6-10dx1.5	4-10dx1.5	2-10dx1.5		
2 - Top Mount Hanger	BA7.12/11.88	3.00"	6-10dx1.5	4-10dx1.5	2-10dx1.5		

• Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 19' 10"	16"	40.0	60.0	DECK LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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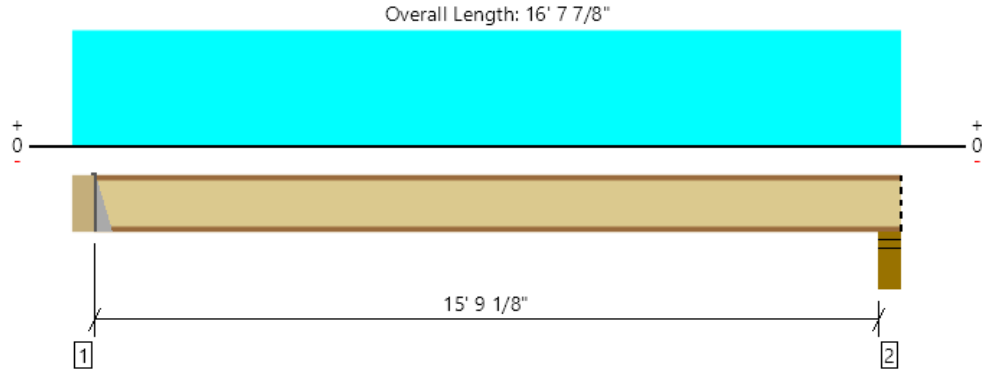
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G3, UNIT 5358 DBL J16f @GRIDLINES DS & S2
2 piece(s) 11 7/8" TJI® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	782 @ 5 1/4"	2160 (1.75")	Passed (36%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	782 @ 5 1/4"	3410	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	3096 @ 8' 4 5/16"	12360	Passed (25%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.097 @ 8' 4 5/16"	0.396	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.179 @ 8' 4 5/16"	0.792	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	64	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	379	446	825	See note ¹
2 - Stud wall - DF	5.50"	5.50"	1.75"	376	443	819	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	7' 8" o/c	
Bottom Edge (Lu)	16' 3" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Top Mount Hanger	MIT3511.88-2	2.50"	4-10dx1.5	4-10dx1.5	2-10dx1.5		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16' 7 7/8"	16"	34.0	40.0	RESIDENTIAL LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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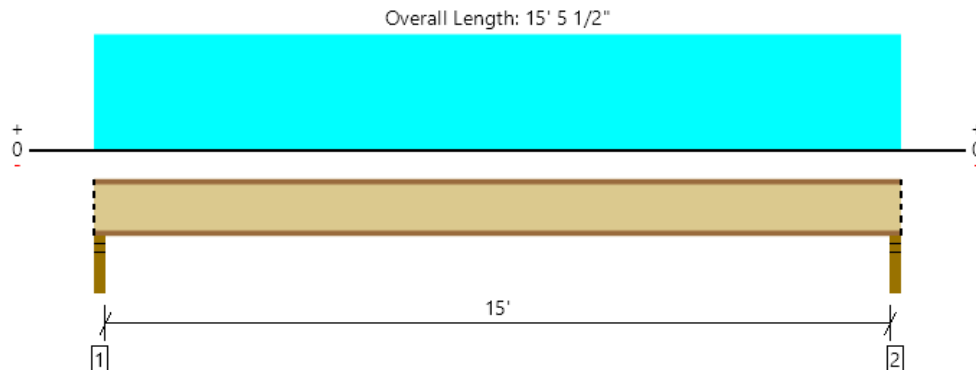
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL G3, UNIT 5358 DBL J15i@ GRIDLINES DS & S2
2 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	763 @ 1 3/4"	2647 (2.75")	Passed (29%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	740 @ 2 3/4"	3410	Passed (22%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2837 @ 7' 8 3/4"	12360	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.082 @ 7' 8 3/4"	0.379	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.152 @ 7' 8 3/4"	0.758	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	67	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	2.75"	2.75"	1.75"	350	412	762	Blocking
2 - Stud wall - DF	2.75"	2.75"	1.75"	350	412	762	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	8' o/c	
Bottom Edge (Lu)	15' 6" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15' 5 1/2"	16"	34.0	40.0	RESIDENTIAL LOADING

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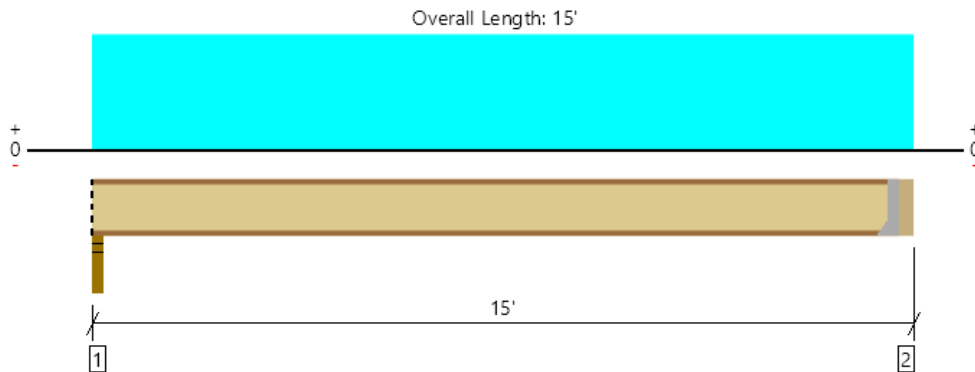
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LEVEL G3, UNIT 5356 DBL J15f @ GRIDLINES DS& S2
2 piece(s) 11 7/8" TJI ® 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	718 @ 14' 8 1/2"	1820 (1.75")	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	718 @ 14' 8 1/2"	3120	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2615 @ 7' 5 1/8"	6320	Passed (41%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.100 @ 7' 5 1/8"	0.364	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.185 @ 7' 5 1/8"	0.728	Passed (L/944)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	63	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	2.75"	2.75"	1.75"	337	396	733	Blocking
2 - Hanger on 11 7/8" LSL beam	3.50"	Hanger ¹	1.75" / 1.75" ²	343	404	747	See note ¹

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	5' o/c	
Bottom Edge (Lu)	14' 9" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
2 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 15'	16"	34.0	40.0	RESIDENTIAL LOADING

ForteWEB Software Operator	Job Notes
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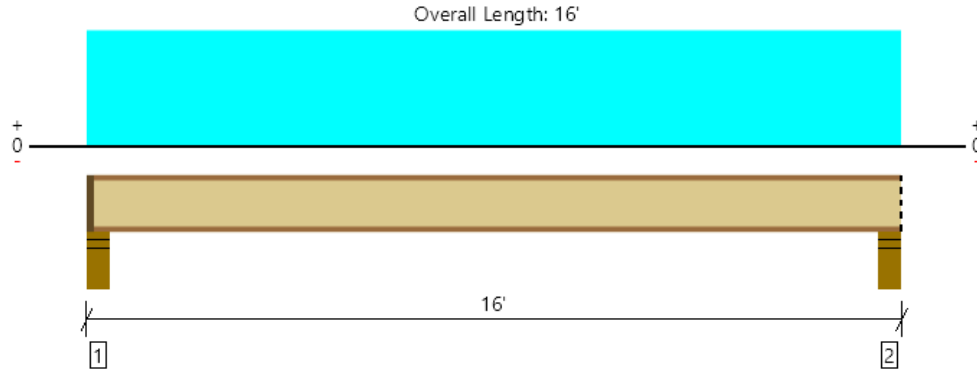
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Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL ATTIC, UNIT 5303M J16f @ GRIDLINES 3 & E
1 piece(s) 11 7/8" TJI @ 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	373 @ 15' 7 1/2"	1375 (3.50")	Passed (27%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	352 @ 5 1/2"	1560	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	1357 @ 8'	3160	Passed (43%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.111 @ 8'	0.381	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.193 @ 8'	0.762	Passed (L/946)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	55	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	5.50"	3.75"	1.75"	160	213	373	1 3/4" Rim Board
2 - Stud wall - DF	5.50"	5.50"	1.75"	160	213	373	Blocking

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.
- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	4' 11" o/c	
Bottom Edge (Lu)	15' 10" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16'	16"	15.0	20.0	ATTIC LOADING

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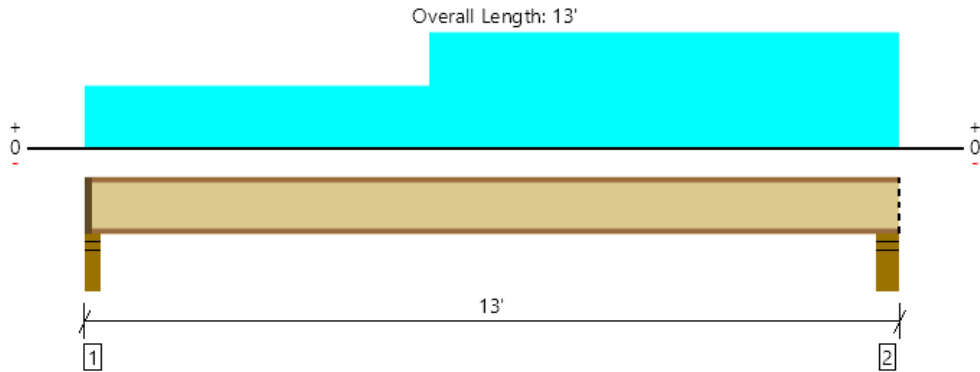
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LEVEL ATTIC, UNIT 5307M J13i @ GRIDLINES 3 & E
1 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	525 @ 12' 7 1/2"	1505 (3.50")	Passed (35%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	485 @ 12' 6 1/2"	1705	Passed (28%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	1398 @ 6' 11 5/16"	6180	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.061 @ 6' 6 3/4"	0.310	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.101 @ 6' 6 5/8"	0.620	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	67	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	3.75"	2.00"	1.75"	156	226	382	1 3/4" Rim Board
2 - Stud wall - DF	5.50"	5.50"	1.75"	204	321	525	Blocking

- Rim Board is assumed to carry all loads applied directly above it, bypassing the member being designed.
- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	8' 1" o/c	
Bottom Edge (Lu)	12' 10" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 5' 6"	16"	15.0	20.0	ATTIC LOADING
2 - Uniform (PSF)	5' 6" to 13'	16"	25.0	40.0	RESIDENTIAL LOADING

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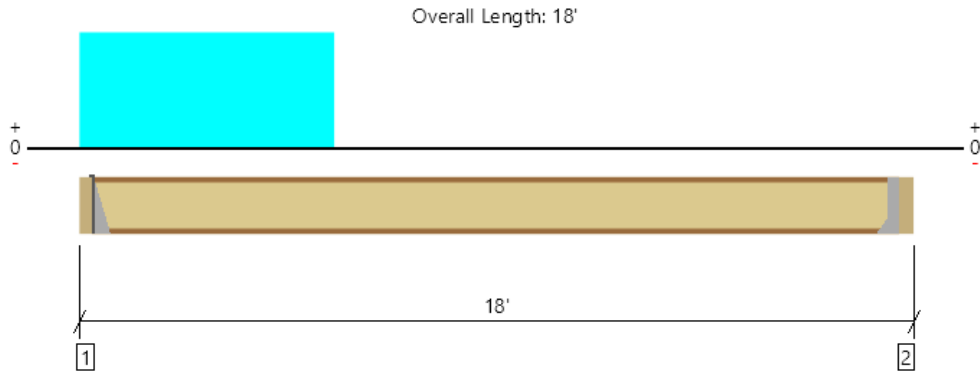
The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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File Name: SR-292393 HOTEL DEL CORONADO OFA CALCS 11

LEVEL ATTIC, UNIT 5354M J17i @ GRIDLINES DS & S3
1 piece(s) 11 7/8" TJI ® 360 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	208 @ 3"	1080 (1.75")	Passed (19%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	208 @ 3"	1705	Passed (12%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	464 @ 4' 8 1/2"	6180	Passed (8%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.027 @ 7' 10 3/4"	0.436	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.047 @ 7' 10 3/4"	0.873	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	50	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" DF beam	3.00"	Hanger ¹	1.75" / 1.75" ²	94	126	220	See note ¹
2 - Hanger on 11 7/8" LSL beam	3.50"	Hanger ¹	1.75" / 1.75" ²	16	21	37	See note ¹

• At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

• ¹ See Connector grid below for additional information and/or requirements.

• ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	9' 7" o/c	
Bottom Edge (Lu)	17' 6" o/c	

• TJI joists are only analyzed using Maximum Allowable bracing solutions.

• Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Top Mount Hanger	ITS2.37/11.88	2.00"	4-10dx1.5	2-10dx1.5	2-Strong-Grip	
2 - Face Mount Hanger	IUS2.37/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip	

• Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 5' 6"	16"	15.0	20.0	ATTIC LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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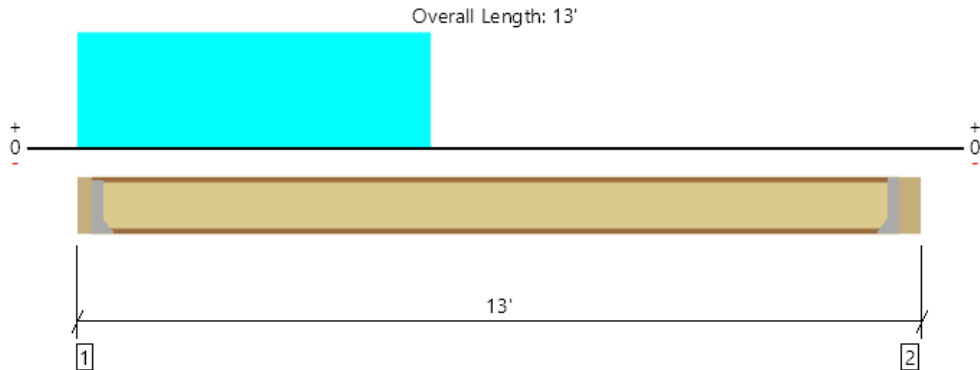
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The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL ATTIC, UNIT 5352M DBL J13f @ GRIDLINES DS & S3
2 piece(s) 11 7/8" TJI ® 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	191 @ 3 1/2"	1820 (1.75")	Passed (11%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	191 @ 3 1/2"	3120	Passed (6%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	393 @ 4' 4 3/4"	6320	Passed (6%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.010 @ 5' 6"	0.307	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.018 @ 5' 6"	0.614	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	68	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" LSL beam	3.50"	Hanger ¹	1.75" / 1.75" ²	88	117	205	See note ¹
2 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	22	29	51	See note ¹

- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger

- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	7' 4" o/c	
Bottom Edge (Lu)	12' 3" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie						
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories
1 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	
2 - Face Mount Hanger	IUS3.56/11.88	2.00"	N/A	12-10dx1.5	2-Strong-Grip	

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 5' 6"	16"	15.0	20.0	ATTIC LOADING

ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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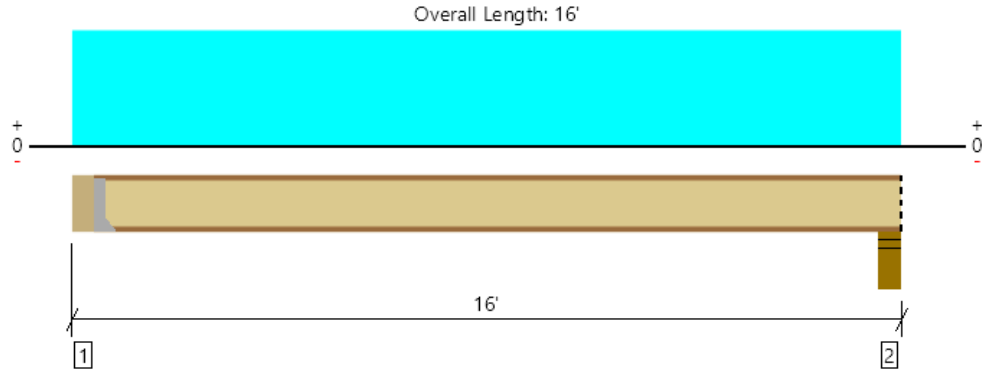
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



LEVEL ATTIC, UNIT 5353M J16f @ GRIDLINES CS & S4
1 piece(s) 11 7/8" TJI @ 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	354 @ 5 1/4"	910 (1.75")	Passed (39%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	354 @ 5 1/4"	1560	Passed (23%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	1346 @ 8' 3/8"	3160	Passed (43%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.109 @ 8' 3/8"	0.380	Passed (L/999+)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.191 @ 8' 3/8"	0.759	Passed (L/957)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	51	Any	Passed	--	--

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Hanger on 11 7/8" PSL beam	5.25"	Hanger ¹	1.75" / 1.75" ²	161	214	375	See note ¹
2 - Stud wall - DF	5.50"	5.50"	1.75"	159	213	372	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.
- At hanger supports, the Total Bearing dimension is equal to the width of the material that is supporting the hanger
- ¹ See Connector grid below for additional information and/or requirements.
- ² Required Bearing Length / Required Bearing Length with Web Stiffeners

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	4' 11" o/c	
Bottom Edge (Lu)	15' 7" o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Connector: Simpson Strong-Tie							
Support	Model	Seat Length	Top Fasteners	Face Fasteners	Member Fasteners	Accessories	
1 - Face Mount Hanger	IUS1.81/11.88	2.00"	N/A	10-10dx1.5	2-Strong-Grip		

- Refer to manufacturer notes and instructions for proper installation and use of all connectors.

Vertical Load	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 16'	16"	15.0	20.0	ATTIC LOADING

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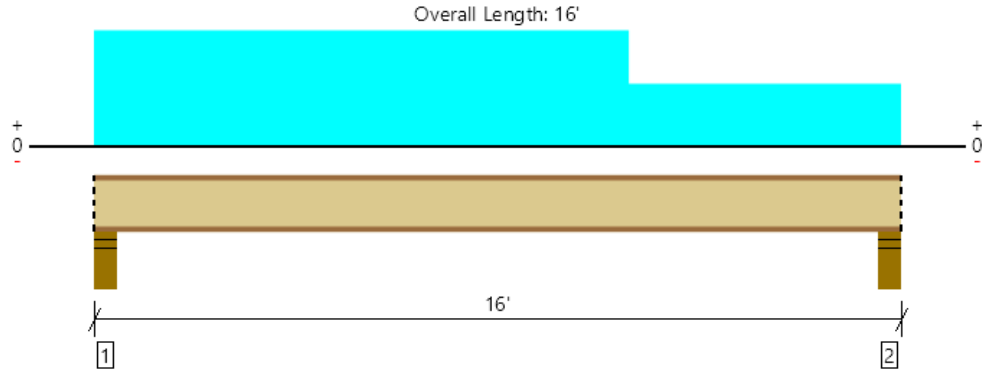
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ForteWEB Software Operator	Job Notes
Anjanette Snyder Weyerhaeuser (971) 998-3461 Anjanette.Snyder@Weyerhaeuser.com	SR-291936 HOTEL DEL CORONADO



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File Name: SR-292393 HOTEL DEL CORONADO OFA CALCS 11

LEVEL ATTIC, UNIT 5349M J16f @ GRIDLINES CS & S6
1 piece(s) 11 7/8" TJI @ 110 @ 16" OC



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	660 @ 4 1/2"	1375 (3.50")	Passed (48%)	1.00	1.0 D + 1.0 L (All Spans)
Shear (lbs)	621 @ 5 1/2"	1560	Passed (40%)	1.00	1.0 D + 1.0 L (All Spans)
Moment (Ft-lbs)	2274 @ 7' 7 7/16"	3160	Passed (72%)	1.00	1.0 D + 1.0 L (All Spans)
Live Load Defl. (in)	0.195 @ 7' 10 5/8"	0.381	Passed (L/939)	--	1.0 D + 1.0 L (All Spans)
Total Load Defl. (in)	0.320 @ 7' 10 3/4"	0.762	Passed (L/572)	--	1.0 D + 1.0 L (All Spans)
TJ-Pro™ Rating	55	Any	Passed	--	--

- Deflection criteria: LL (L/480) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.
- A structural analysis of the deck has not been performed.
- Deflection analysis is based on composite action with a single layer of 23/32" Weyerhaeuser Edge™ Panel (24" Span Rating) that is glued and nailed down.
- Additional considerations for the TJ-Pro™ Rating include: 5/8" Gypsum ceiling, Perpendicular Partitions, Pour Flooring Overlay.

System : Floor
Member Type : Joist
Building Use : Residential
Building Code : IBC 2015
Design Methodology : ASD

Supports	Bearing Length			Loads to Supports (lbs)			Accessories
	Total	Available	Required	Dead	Floor Live	Total	
1 - Stud wall - DF	5.50"	5.50"	1.75"	256	405	661	Blocking
2 - Stud wall - DF	5.50"	5.50"	1.75"	206	305	511	Blocking

• Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	3' 8" o/c	
Bottom Edge (Lu)	16' o/c	

- TJI joists are only analyzed using Maximum Allowable bracing solutions.
- Maximum allowable bracing intervals based on applied load.

Vertical Loads	Location (Side)	Spacing	Dead (0.90)	Floor Live (1.00)	Comments
1 - Uniform (PSF)	0 to 10' 7 1/4"	16"	25.0	40.0	RESIDENTIAL LOADING
2 - Uniform (PSF)	10' 7 1/4" to 16'	16"	15.0	20.0	ATTIC LOADING

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