Client: Watermark Homes

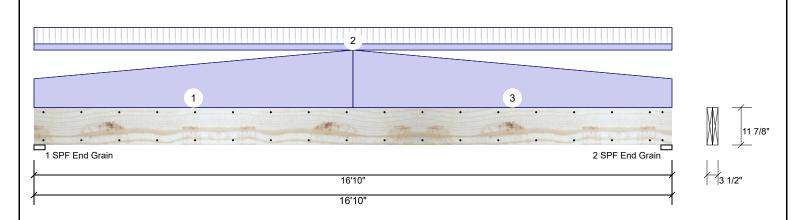
Project: Address: Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 1 of 10

Project #:

2-Ply - PASSED **Kerto-S LVL** 1.750" X 11.875" **GDH** 

Level: Level



Member Inforn	nation			Reactio	ons UNPAT	TERNED I	b (Uplift)
Туре:	Girder	Application:	Floor	Brg	Live	Dead	Snow
Plies:	2	Design Method:	ASD	1	505	1593	0
Moisture Condition:	Dry	Building Code:	IBC 2012	2	505	1593	0
Deflection LL:	480	Load Sharing:	No				
Deflection TL:	360	Deck:	Not Checked				
Importance:	Normal						
Temperature:	Temp <= 100°F						
				Bearing	gs		
				Bearing	g Length	Cap. Rea	act D/L lb
				1 - SPF End	3.500"	20% 1	593 / 505

Analysis R	esults
------------	--------

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	8972 ft-lb	8'5"	19911 ft-lb	0.451 (45%)	D+L	L
Unbraced	8972 ft-lb	8'5"	8974 ft-lb	1.000 (100%)	D+L	L
Shear	1849 lb	15'7 3/8"	8867 lb	0.209 (21%)	D+L	L
LL Defl inch	0.105 (L/1872)	8'5 1/16"	0.409 (L/480)	0.260 (26%)	L	L
TL Defl inch	0.464 (L/424)	8'5 1/16"	0.546 (L/360)	0.850 (85%)	D+L	L

### **Design Notes**

- 1 Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top loads must be supported equally by all plies.
- 5 Top must be laterally braced at a maximum of 10'5 1/4" o.c.
- 6 Bottom braced at bearings.

/ Lateral sienderness ratio based on single ply width.										
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Tapered Start	0-0-0		Тор	105 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Gable
	End	8-5-0			210 PLF	0 PLF	0 PLF	0 PLF	0 PLF	
2	Tie-In	0-0-0 to 16-10-0	1-6-0	Тор	15 PSF	40 PSF	0 PSF	0 PSF	0 PSF	Roof
3	Tapered Start	8-5-0		Тор	210 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Gable
	End	16-10-0			105 PLF	0 PLF	0 PLF	0 PLF	0 PLF	
	Self Weight				9 PLF					

Grain 2 - SPF 3.500"

End Grain

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive
- Handling & Installation
- IARIGUING & INSTALLATION

  LVL beams must not be cut or drilled

  Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beams trength values, and code approvals

  Damaged Beams must not be used

  Design assumes top edge is laterally restrained.

  Provide lateral support at bearing points to avoid lateral displacement and rotation

- For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

20%

1593 / 505

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This design is valid until 11/13/2022

Wind

Total Ld. Case

2098 L

2098 L

0 0 Const 0

0

Ld. Comb.

D+L

D+L

Client: Watermark Homes

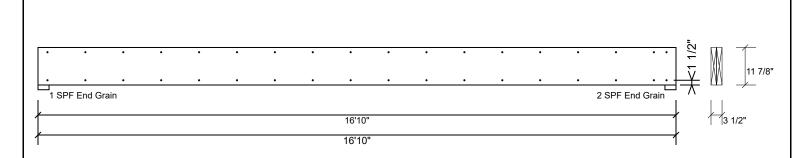
Project: Address: Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 2 of 10

Project #:

1.750" X 11.875" 2-Ply - PASSED **Kerto-S LVL GDH** 

Level: Level



## Multi-Ply Analysis

Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6"

1 3		•	,
Capacity	0.0 %		
Load	0.0 PLF		
Yield Limit per Foot	163.7 PLF		
Yield Limit per Fastener	81.9 lb.		
Yield Mode	IV		
Edge Distance	1 1/2"		
Min. End Distance	3"		
Load Combination			
Duration Factor	1.00		

### Notes

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- Handling & Installation

  1. UVI beams must not be cut or drilled

  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  3. Damaged Beams must not be used

  4. Design assumes top edge is laterally restrained

  5. Provide lateral support at bearing points to avoid lateral displacement and rotation

For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

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Client: Watermark Homes

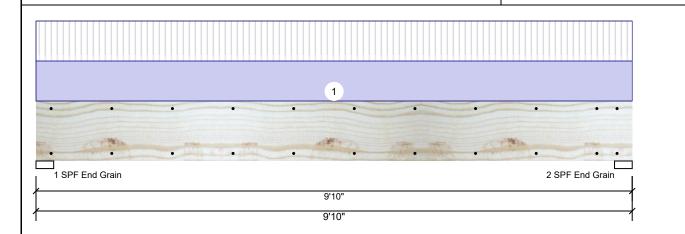
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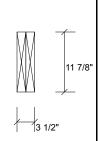
Input by: Curtis Quick Job Name: Lot 156 Ballard Woods

Project #:

1.750" X 11.875" 2-Ply - PASSED Kerto-S LVL GDH-1

Level: Level





Page 3 of 10

## **Member Information**

Type.	Gildei
Plies:	2
Moisture Condition:	Dry
Deflection LL:	480
Deflection TL:	360
Importance:	Normal
Temperature:	Temp <= 100°F

Application: Floor Design Method: ASD

**Building Code:** IBC 2012 Load Sharing: No

Deck: Not Checked

# Reactions UNPATTERNED Ib (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	1170	1216	0	0	0
2	1170	1216	0	0	0

**Analysis Results** 

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	5331 ft-lb	4'11"	19911 ft-lb	0.268 (27%)	D+L	L
Unbraced	5331 ft-lb	4'11"	9760 ft-lb	0.546 (55%)	D+L	L
Shear	1794 lb	1'2 5/8"	8867 lb	0.202 (20%)	D+L	L
LL Defl inch	0.050 (L/2268)	4'11"	0.234 (L/480)	0.210 (21%)	L	L
TL Defl inch	0.101 (L/1113)	4'11"	0.312 (L/360)	0.320 (32%)	D+L	L

## **Bearings**

Bearing Length	Cap. Re	eact D/L lb	Total	Ld. Case	Ld. Comb.
1 - SPF 3.500" End Grain	22%	1216 / 1170	2386	L	D+L
2 - SPF 3.500" End Grain	22%	1216 / 1170	2386	L	D+L

## **Design Notes**

- 1 Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top loads must be supported equally by all plies.
- 5 Top braced at bearings.
- 6 Bottom braced at bearings.
- 7 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Top	238 PLF	238 PLF	0 PLF	0 PLF	0 PLF	G1

Self Weight 9 PLF

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- LVL beams must not be cut or drilled Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals Damaged Beams must not be used
- Design assumes top edge is laterally restrained
  Provide lateral support at bearing points to avoid
  lateral displacement and rotation
- For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

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Client: Watermark Homes

Project: Address: Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 4 of 10

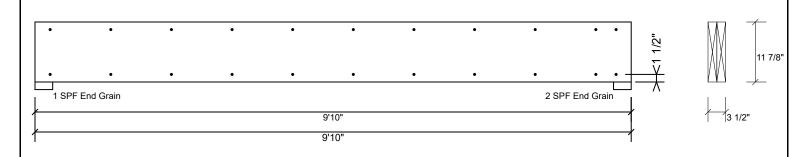
Project #:

**Kerto-S LVL** GDH-1

1.750" X 11.875"

2-Ply - PASSED

Level: Level



## Multi-Ply Analysis

Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6"

, ,		,	,
Capacity	0.0 %		
Load	0.0 PLF		
Yield Limit per Foot	163.7 PLF		
Yield Limit per Fastener	81.9 lb.		
Yield Mode	IV		
Edge Distance	1 1/2"		
Min. End Distance	3"		
Load Combination			
Duration Factor	1.00		

### Notes

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- Handling & Installation

  1. UVI beams must not be cut or drilled

  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  3. Damaged Beams must not be used

  4. Design assumes top edge is laterally restrained

  5. Provide lateral support at bearing points to avoid lateral displacement and rotation

For flat roofs provide proper drainage to prevent ponding

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Client: Watermark Homes

Project: Address:

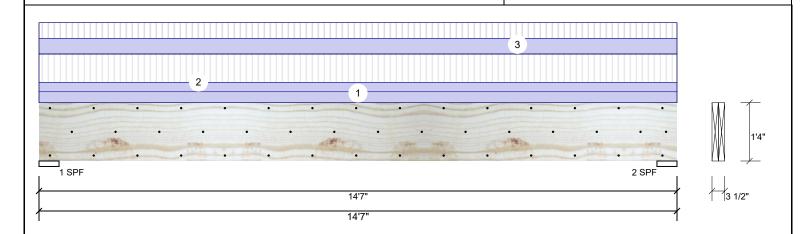
Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 5 of 10

Project #:

1.750" X 16.000" 2-Ply - PASSED **Kerto-S LVL** BM<sub>1</sub>

Level: Level



### **Member Information** Reactions UNPATTERNED Ib (Uplift) Application: Brg Snow Wind Type: Floor Live Dead Const Plies: 2 Design Method: ASD 3529 2978 0 0 0 1 Moisture Condition: Dry **Building Code:** IBC 2012 2 3529 2978 0 0 0 Deflection LL: 480 Load Sharing: No Deflection TL: 360 Deck: Not Checked Importance: Normal Temp <= 100°F Temperature: **Bearings** Bearing Length Cap. React D/L lb Total Ld. Case Ld. Comb. 1-SPF 5.500" D+L 2978 / 3529 6507 L 2 - SPF 5.500" 80% 2978 / 3529 6507 L D+I

### **Analysis Results**

Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	21283 ft-lb	7'3 1/2"	34565 ft-lb	0.616 (62%)	D+L	L
Unbraced	21283 ft-lb	7'3 1/2"	21385 ft-lb	0.995 (100%)	D+L	L
Shear	4974 lb	1'8 5/8"	11947 lb	0.416 (42%)	D+L	L
LL Defl inc	h 0.190 (L/874)	7'3 9/16"	0.345 (L/480)	0.550 (55%)	L	L
TL Defl inc	h 0.350 (L/474)	7'3 9/16"	0.460 (L/360)	0.760 (76%)	D+L	L

### **Design Notes**

- 1 Fasten all plies using 3 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top loads must be supported equally by all plies.
- 5 Top must be laterally braced at a maximum of 5'3 3/8" o.c.
- 6 Bottom braced at bearings.
- 7 Lateral slenderness ratio based on single ply width

	iaoiniooo rawo bacca on omig									
ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Тор	120 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall
2	Uniform			Тор	104 PLF	312 PLF	0 PLF	0 PLF	0 PLF	F01
3	Uniform			Тор	172 PLF	172 PLF	0 PLF	0 PLF	0 PLF	"D" Trusses
	Self Weight				12 PLF					

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive
- Handling & Installation
- LVL beams must not be cut or drilled Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code
- approvals

  Damaged Beams must not be used
- Design assumes top edge is laterally restrained
  Provide lateral support at bearing points to avoid
  lateral displacement and rotation
- 6. For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

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Client: Watermark Homes

Project: Address: 2/16/2021

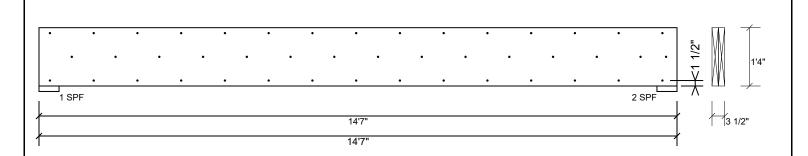
Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 6 of 10

Project #:

1.750" X 16.000" **Kerto-S LVL** BM<sub>1</sub>

2-Ply - PASSED

Level: Level



## Multi-Ply Analysis

Fasten all plies using 3 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6"

1 3		`	,
Capacity	0.0 %		
Load	0.0 PLF		
Yield Limit per Foot	245.6 PLF		
Yield Limit per Fastener	81.9 lb.		
Yield Mode	IV		
Edge Distance	1 1/2"		
Min. End Distance	3"		
Load Combination			
Duration Factor	1.00		

### Notes

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- Handling & Installation

  1. UVI beams must not be cut or drilled

  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  3. Damaged Beams must not be used

  4. Design assumes top edge is laterally restrained

  5. Provide lateral support at bearing points to avoid lateral displacement and rotation

For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

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Client: Watermark Homes

Project: Address:

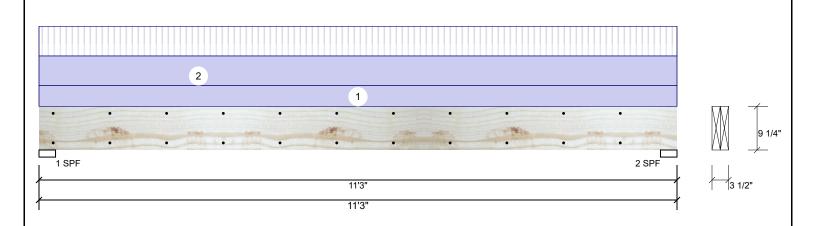
2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods

Project #:

1.750" X 9.250" 2-Ply - PASSED **Kerto-S LVL** BM<sub>2</sub>

Level: Level



Member Inforr	nation			Reaction	ns UNPAT	TTERNED I	b (Uplift)			
Type:	Girder	Application:	Floor	Brg	Live	Dead	Snow	Wir	nd	Const
Plies:	2	Design Method:	ASD	1	968	1683	0		0	0
Moisture Condition	: Dry	Building Code:	IBC 2012	2	968	1683	0		0	0
Deflection LL:	480	Load Sharing:	No							
Deflection TL:	360	Deck:	Not Checked							
Importance:	Normal									
Temperature:	Temp <= 100°F									
				Bearing	S					
				Bearing	Length	Cap. Rea	act D/L lb	Total Lo	d. Case	Ld. Comb.
				1 - SPF	3.500"	51% 1	1683 / 968	2650 L		D+L
				2 - SPF	3.500"	51% 1	1683 / 968	2650 L		D+L

### **Analysis Results**

	•						
ſ	Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
	Moment	6859 ft-lb	5'7 1/2"	12542 ft-lb	0.547 (55%)	D+L	L
	Unbraced	6859 ft-lb	5'7 1/2"	6887 ft-lb	0.996 (100%)	D+L	L
	Shear	2179 lb	1'	6907 lb	0.316 (32%)	D+L	L
	LL Defl inch	0.123 (L/1056)	5'7 1/2"	0.270 (L/480)	0.450 (45%)	L	L
l	TL Defl inch	0.336 (L/386)	5'7 1/2"	0.360 (L/360)	0.930 (93%)	D+L	L

### **Design Notes**

- 1 Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top loads must be supported equally by all plies.
- 5 Top braced at bearings.
- 6 Bottom braced at bearings.
- 7 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments	
1	Uniform			Тор	120 PLF	0 PLF	0 PLF	0 PLF	0 PLF	Wall	
2	Uniform			Тор	172 PLF	172 PLF	0 PLF	0 PLF	0 PLF	D1	
	Self Weight				7 PLF						

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

- Handling & Installation
- Informing & Installation

  I. VIL beams must not be cut or drilled

  Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  Damaged Beams must not be used

  Design assumes top edge is laterally restrained

  Design assumes top edge is laterally restrained is provide lateral support at bearing points to avoid lateral displacement and rotation

- For flat roofs provide proper drainage to prevent ponding

This design is valid until 11/13/2022

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Manufacturer Info

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Client: Watermark Homes

Project: Address: Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods

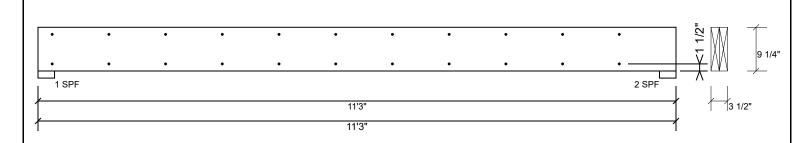
Project #:

**Kerto-S LVL** BM<sub>2</sub>

1.750" X 9.250"

2-Ply - PASSED

Level: Level



## Multi-Ply Analysis

Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6"

1 3		•	,
Capacity	0.0 %		
Load	0.0 PLF		
Yield Limit per Foot	163.7 PLF		
Yield Limit per Fastener	81.9 lb.		
Yield Mode	IV		
Edge Distance	1 1/2"		
Min. End Distance	3"		
Load Combination			
Duration Factor	1.00		

### Notes

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- Handling & Installation

  1. UVI beams must not be cut or drilled

  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  3. Damaged Beams must not be used

  4. Design assumes top edge is laterally restrained

  5. Provide lateral support at bearing points to avoid lateral displacement and rotation

- For flat roofs provide proper drainage to prevent ponding

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Manufacturer Info

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Page 8 of 10

Client:

Project: Address: Watermark Homes

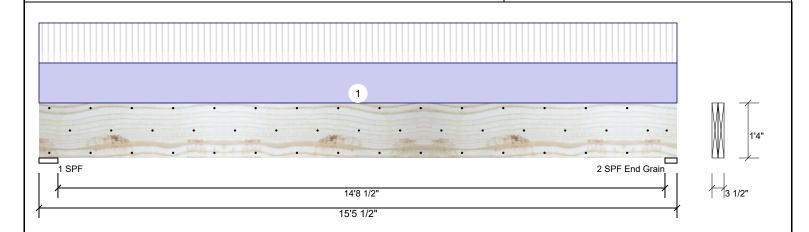
Date: 2/16/2021

Input by: Curtis Quick Job Name: Lot 156 Ballard Woods Page 9 of 10

Project #:

1.750" X 16.000" **Kerto-S LVL** 2-Ply - PASSED BM<sub>3</sub>

Level: Level



Member	Information
Type:	Girder

Moisture Condition: Dry Deflection LL: 480 Deflection TL: 360 Importance:

Normal Temp <= 100°F Temperature:

Application: Floor Design Method: ASD **Building Code:** IBC 2012 Load Sharing: No Deck: Not Checked

## Reactions UNPATTERNED Ib (Uplift)

Brg	Live	Dead	Snow	Wind	Const
1	3328	3425	0	0	0
2	3257	3352	0	0	0

## **Bearings**

Bearing Length Cap. React D/L lb Total Ld. Case Ld. Comb. 1-SPF 5.500" D+L 3425 / 3328 6753 L 2 - SPF 3.500" 62% 3352 / 3257 6609 L D+L End Grain

### **Analysis Results**

•						
Analysis	Actual	Location	Allowed	Capacity	Comb.	Case
Moment	23842 ft-lb	7'9 3/4"	34565 ft-lb	0.690 (69%)	D+L	L
Unbraced	23842 ft-lb	7'9 3/4"	23902 ft-lb	0.998 (100%)	D+L	L
Shear	5268 lb	1'8 5/8"	11947 lb	0.441 (44%)	D+L	L
LL Defl inch	0.219 (L/812)	7'9 13/16"	0.371 (L/480)	0.590 (59%)	L	L
TL Defl inch	0.445 (L/400)	7'9 13/16"	0.495 (L/360)	0.900 (90%)	D+L	L

### **Design Notes**

- 1 Fasten all plies using 3 rows of 10d Box nails (.128x3") at 12" o.c. Maximum end distance not to exceed 6".
- 2 Refer to last page of calculations for fasteners required for specified loads.
- 3 Girders are designed to be supported on the bottom edge only.
- 4 Top loads must be supported equally by all plies.
- 5 Top must be laterally braced at a maximum of 4'7 1/8" o.c.
- 6 Bottom braced at bearings.
- 7 Lateral slenderness ratio based on single ply width.

ID	Load Type	Location	Trib Width	Side	Dead 0.9	Live 1	Snow 1.15	Wind 1.6	Const. 1.25	Comments
1	Uniform			Тор	426 PLF	426 PLF	0 PLF	0 PLF	0 PLF	"B" Trusses
	Self Weight				12 PLF					

Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

LVL beams must not be cut or drilled Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals Damaged Beams must not be used

Design assumes top edge is laterally restrained
Provide lateral support at bearing points to avoid
lateral displacement and rotation

6. For flat roofs provide proper drainage to prevent ponding

Metsä Wood 301 Merritt 7 Building, 2nd Floor Norwalk, CT 06851 (800) 622-5850 www.metsawood.com/us ICC-ES: ESR-3633

Manufacturer Info

Comtech, Inc. 1001 S. Reilly Road, Suite #639 Fayetteville, NC USA 28314 910-864-TRUS



Client: Watermark Homes

Project: Address: 2/16/2021

Input by: Curtis Quick

Job Name: Lot 156 Ballard Woods

Level: Level

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Project #:

1.750" X 16.000" **Kerto-S LVL** BM<sub>3</sub>

2-Ply - PASSED

2 SPF End Grain

## Multi-Ply Analysis

1 1 SPF

Fasten all plies using 3 rows of 10d Box nails (.128x3") at 12" o.c.. Maximum end distance not to exceed 6"

14'8 1/2" 15'5 1/2"

i aston an phos asing s	10115 01 104 20X 114115 (1120X5 ) 4
Capacity	0.0 %
Load	0.0 PLF
Yield Limit per Foot	245.6 PLF
Yield Limit per Fastener	81.9 lb.
Yield Mode	IV
Edge Distance	1 1/2"
Min. End Distance	3"
Load Combination	
Duration Factor	1.00

### Notes

NOtes
Calculated Structured Designs is responsible only of the structural adequacy of this component based on the design criteria and loadings shown. It is the responsibility of the customer and/or the contractor to ensure the component suitability of the intended application, and to verify the dimensions and loads.

- Dry service conditions, unless noted otherwise
   LVL not to be treated with fire retardant or corrosive

## Handling & Installation

- Handling & Installation

  1. UVI beams must not be cut or drilled

  2. Refer to manufacturer's product information regarding installation requirements, multi-ply fastening details, beam strength values, and code approvals

  3. Damaged Beams must not be used

  4. Design assumes top edge is laterally restrained

  5. Provide lateral support at bearing points to avoid lateral displacement and rotation

For flat roofs provide proper drainage to prevent ponding

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