CITY OF NAPOLEON GENERAL PERMIT APPLICATION

THIS APPLICATION IS FOR RESIDENTAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL, PLUMBING, MECHANICAL & REMODELING

PLOMBING, MECHANICAL & REMOD	ELING	
DATE 3-30-15 JOB LOCATION 815 LYNNE AVE.		
OWNER JEff and Lynda DETran	TELEPHON	E# 4/9-599-033
OWNER ADDRESS 815 LYNNE AVE.		
CONTRACTOR WESSON BUILDES	CELL PHON	E# 419-4100-404
DESCRIPTION OF WORK TO BE PERFORMED Addition	N/Ext. of	BAth + Balro
ESTIMATED COMPLETION DATE (2-30-15 ESTIMA		Linail
	TED COST	P/08K
Affected Floor Area (AFA) : In existing structures, it is the area affected by the improvement, only the room and not all the rooms).	i.e. a new wall dividi	ng a room (the AFA would be
DESCRIPTION	FEE	TOTAL COST
BUILDING:		
Decks	\$25.00	\$
Addition & Alterations Square foot in (AFA) $345 \times 0.05 = 17.25$	+ \$25.00 =	\$ 42.25
Garage and Shed over 200 SF (Detached)	\$25.00	\$
Siding and/or Roofing	\$25.00	\$
Windows/Doors	\$25.00	\$
ELECTRICAL:		-
Electrical Circuits in (AFA) x \$3.00/Circuit = \$	+ \$25.00 =	\$
Electrical Service Upgrade	\$25.00	\$
MECHANICAL:		
Water Heater	\$25.00	\$
Furnace and/or AC Replacement	\$25.00	\$
PLUMBING:		
Plumbing Traps in (AFA)x \$3.00/Trap = \$	+ \$25.00 =	\$
TOTAL plus Ohio Board of Building St	tandards Fee 1%	\$ * 42
	TOTAL FEE:	s 42.67
FULLY UNDERSTAND THAT NO EXCAVATION, CONSTRUCTION OR STRUCTURAL ALTERATION, ELE ALTERATION OF ANY BUILDING STRUCTURE, SIGN, OR PART THEREOF AND NO USE OF THE ABOVE PERMIT APPLIED FOR HEREIN HAS BEEN APPROVED AND ISSUED BY THE CITY OF NAPOLEON BUILD	CTRICAL OR MECHA	NICAL INSTALLATION OR
hereby certify that I am the Owner of the named property, or that the proposed work is authorized by the Owner of record a application as his/her authorized agent and I agree to conform to all applicable laws of the jurisdiction. In addition, if a per he code official or the code official's authorized representative shall have the authority to enter areas covered by such perm applicable to such permit.	nd that I have been author mit for Work described in t it at any reasonable hour t	rized by the Owner to make this this application is issued, I certify that o enforce the provisions of the code(s)
HEREBY ACKNOWLEDGE THAT I HAVE READ AND FULLY INDERSTAND THE ABOVE LI	ISTED INSTRUCTIO	NS.
SIGNATURE OF APPLICANT: MM/ZM/LLD	TE: 3-31	-15
PRINT NAME: DAN NEUBERT		
PERMIT # BATCH # 29 9 CHECK # 375	DATE_	3/3/1/5



REScheck Software Version 4.6.0

Compliance Certificate

Project

DE-TRAY

Energy Code:

2009 IECC

Location:

Napoleon, Ohio

Construction Type:

Single-family

Project Type:

Addition

Climate Zone:

5 (6515 HDD)

Permit Date:

Permit Number:

Construction Site:

815 LYNNE

NAPOLEON, OH 43545

Owner/Agent:

Designer/Contractor: BARRY HORNBACHER WESSON BUILDERS 1630 LASKEY RD TOLEDO, OH 43612 419-476-2259 dan@wessonbuilders.com

Compliance: Passes using UA trade-off

Compliance: 4.4% Better Than Code

Maximum UA: 68

Your UA: 65

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Wall 1: Wood Frame, 16" o.c.	304	15.0	3.0	0.061	16
Window 1: Vinyl Frame:Double Pane with Low-E	15			0.290	4
Window 2: Vinyl Frame:Double Pane with Low-E	6			0.270	2
Window 3: Vinyl Frame:Double Pane with Low-E	6			0.270	2
Window 4: Vinyl Frame:Double Pane with Low-E	6			0.270	2
Door 1: Glass	8			0.270	2
Ceiling 1: Flat Ceiling or Scissor Truss	345	38.0	0.0	0.030	10
Floor 1: Slab-On-Grade:Unheated Insulation depth: 2.8'	38		10.0	0.711	27

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2009 IECC requirements in REScheck Version 4.6.0 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title

Project Notes:

Project Title: DE-TRAY

Data filename: Untitled.rck

CONACT: DAN NEUBERT 419-460-4040

SCANNED Report date: 03/26/15

Page 1 of 7



REScheck Software Version 4.6.0 Inspection Checklist

Energy Code: 2009 IECC

Requirements: 0.0% were addressed directly in the REScheck software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.2 [PR1] ¹	Construction drawings and documentation demonstrate energy code compliance for the building envelope.			□Complies □Does Not □Not Observable □Not Applicable	
103.2, 403.7 [PR3] ¹	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the commercial code.			□Complies □Does Not □Not Observable □Not Applicable	
403.6 [PR2] ²	Heating and cooling equipment is sized per ACCA Manual S based on loads per ACCA Manual J or other approved methods.	Heating: Btu/hr Cooling: Btu/hr	Heating: Btu/hr Cooling: Btu/hr	□Complies □Does Not □Not Observable □Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Project Title: DE-TRAY Report date: 03/26/15
Data filename: Untitled.rck Page 2 of 7

Section # & Req.ID	Foundation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions	
402.1.1 [FO1] ¹	Slab edge insulation R-value.	R R Unheated Unheated Heated		□Complies □Does Not □Not Observable □Not Applicable	See the Envelope Assemblies table for values.	
303.2, 402.2.8 [FO2] ¹	Slab edge insulation installed per manufacturer's instructions.			Complies Does Not Not Observable Not Applicable		
402.1.1 [FO3] ¹	Slab edge insulation depth/length.	ft	ft	Complies Does Not Not Observable Not Applicable	See the Envelope Assemblies table for values.	
[FO11] ²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable		
403.8 [FO12] ²	Snow- and ice-melting system controls installed.			□Complies □Does Not □Not Observable □Not Applicable		

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: DE-TRAY
Data filename: Untitled.rck

Report date: 03/26/15

Page 3 of 7

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.1, 402.3.3, 402.5 [FR2] ¹	Glazing U-factor (area-weighted average).	U	U	□Complies □Does Not □Not Observable □Not Applicable	See the Envelope Assemblies table for values.
303.1.3 [FR4] ¹	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			□Complies □Does Not □Not Observable □Not Applicable	
402.4.4 [FR20] ¹	Fenestration that is not site built is listed and labeled as meeting AAMA/WDMA/CSA 101/l.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			Complies Does Not Not Observable Not Applicable	
	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			□Complies □Does Not □Not Observable □Not Applicable	
403.2.1 [FR12] ¹	Supply ducts in attics are insulated to ≥R-8. All other ducts in unconditioned spaces or outside the building envelope are insulated to ≥R-6.	R R	R R	□Complies □Does Not □Not Observable □Not Applicable	
403.2.2 [FR13] ¹	All joints and seams of air ducts, air handlers, filter boxes, and building cavities used as return ducts are sealed.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.2.3 [FR15] ³	Building cavities are not used for supply ducts.			Complies Does Not Not Observable Not Applicable	
[FR17] ²	HVAC piping conveying fluids above 105 ºF or chilled fluids below 55 ºF are insulated to ≥R- 3,	R	R	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4 [FR18] ²	Circulating service hot water pipes are insulated to R-2.	R	R	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
[FR19] ²	Automatic or gravity dampers are finstalled on all outdoor air intakes and exhausts.			□Complies □Does Not □Not Observable □Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: DE-TRAY
Data filename: Untitled.rck

Report date: 03/26/15 Page 4 of 7

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13] ²	All installed insulation is labeled or the installed R-values provided.			□Complies □Does Not □Not Observable □Not Applicable	
402.1.1, 402.2.4, 402.2.5 [łN3] ¹	Wall insulation R-value. If this is a mass wall with at least ½ of the wall insulation on the wall exterior, the exterior insulation requirement applies.	R	R	□Complies □Does Not □Not Observable □Not Applicable	See the Envelope Assemblies table for values.
303.2 [IN4] ¹	Wall insulation is installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: DE-TRAY
Data filename: Untitled.rck

Report date: 03/26/15

Page 5 of 7

& Req.ID	Final Inspection Provisions	Plans Verified Value	Companies Communications of the contract of th		Comments/Assumptions
402.1.1, 402.2.1, 402.2.2 [FI1] ¹	Ceiling insulation R-value. Where > R-30 is required, R-30 can be used if insulation is not compressed at eaves. R-30 may be used for 500 ft² or 20% (whichever is less) where sufficient space is not available.	R	R Wood Steel	□Complies □Does Not □Not Observable □Not Applicable	See the Envelope Assemblies table for values.
303.1.1.1, 303.2 [FI2] ¹	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft ² .			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.3 [FI3] ¹	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R	R	□Complies □Does Not □Not Observable □Not Applicable	
[FI17]¹ ❤	Building envelope tightness verified by blower door test result of <7 ACH at 50 Pa. This requirement may instead be met via visual inspection, in which case verification may need to occur during Insulation inspection.	ACH 50 =	ACH 50 =	□Complies □Does Not □Not Observable □Not Applicable	
403.2.2 [FI4] ¹	Post construction duct tightness test result of ≤8 cfm to outdoors, or ≤12 cfm across systems. Or, rough-in test result of ≤6 cfm across systems or ≤4 cfm without air handler. Rough-in test verification may need to occur during Framing Inspection.	cfm	cfm	□Complies □Does Not □Not Observable □Not Applicable	
403.1.1 [FI9] ²	Programmable thermostats installed on forced air furnaces.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.2 [FI10] ²	Heat pump thermostat installed on heat pumps.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
[FI11] ²	Circulating service hot water systems have automatic or accessible manual controls.			□Complies □Does Not □Not Observable □Not Applicable	
404.1 [FI6] ¹	50% of lamps in permanent fixtures are high efficacy lamps. ។			□Complies □Does Not □Not Observable □Not Applicable	
401.3 [FI7] ²	Compliance certificate posted.			□Complies □Does Not □Not Observable □Not Applicable	
[FI18] ³	Manufacturer manuals for mechanical and water heating equipment have been provided.			□Complies □Does Not □Not Observable □Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Project Title: DE-TRAY
Data filename: Untitled.rck

Report date: 03/26/15

Page 6 of 7

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Report date: 03/26/15 Page 7 of 7 Project Title: DE-TRAY Data filename: Untitled.rck



2009 IECC Energy Efficiency Certificate

Insulation Rating	R-Value	
Above-Grade Wall	18.00	
Below-Grade Wall	0.00	
Floor	10.00	
Ceiling / Roof	38.00	
Ductwork (unconditioned spaces):		
Glass & Door Rating	U-Factor	SHGC
Window	0.29	
Door	0.27	
Heating & Cooling Equipment	Efficiency	
Heating System:		
Cooling System:		
Water Heater:		
	WALE OF THE	Szultzy
••	Datas	

Comments



Double 1-3/4" x 11-1/4" VERSA-LAM® 2.0 3100 SP

Roof Beam\RB01

Dry | 2 spans | No cantilevers | 0/12 slope

Friday, February 20, 2015

BC CALC® Design Report

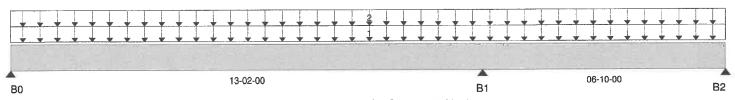
t e

Build 3272 Job Name: Address: City, State, Zip:,

Customer: Code reports: ESR-1040 File Name: BC CALC Project Description: Designs\RB01

Specifier: Designer: Company: Misc:





Total of Horizontal Design Spans = 20-00-00

Reaction Summary (Down / Uplift) (Ibs)								
Bearing	Live	Dead	Snow	Wind	Roof Live			
B0		1,612 / 0	1,966 / 0					
B1		4,103 / 0	4,935 / 0					
B2		313 / 0	754 / 190					

				Live	Dead	Snow	Wind Roof Live	Trib.
Load Summary								
Tag Description	Load Type	Ref. Start	End	100%	90%	115%	160% 125%	
1 Standard Load	Unf. Area (lb/ft^2)	L 00-00-00	20-00-00		20	25		07-03-00
2 Standard Load	Unf. Area (lb/ft^2)	L 00-00-00	20-00-00		20	25		07-03-00

Controls Summary	Value	% Allowable	Duration	Case	Location
Pos. Moment	9,641 ft-lbs	43.6%	115%	7	05-03-13
Neg. Moment	-10,795 ft-lbs	48.9%	115%	9	13-02-00
End Shear	2,907 lbs	33.8%	115%	7	01-00-02
Cont. Shear	4,471 lbs	52%	115%	9	12-01-00
Total Load Defl.	L/511 (0.309")	35.2%	n/a	7	05-11-03
Live Load Defl.	L/917 (0.172")	26.2%	n/a	10	05-11-03
Total Neg. Defl.	L/999 (-0.038")	n/a	n/a	7	15-08-02
Max Defl.	0.309"	30.9%	n/a	7	05-11-03
Span / Depth	14	n/a	n/a	0	00-00-00

Cautions

For roof members with slope (1/4)/12 or less final design must ensure that ponding instability will not occur.

For roof members with slope (1/2)/12 or less final design must account for Rain-on-Snow surcharge load.

Notes

Design meets Code minimum (L/180) Total load deflection criteria.

Design meets Code minimum (L/240) Live load deflection criteria.

Design meets arbitrary (1") Maximum total load deflection criteria.

Minimum bearing length for B0 is 1-1/2".

Minimum bearing length for B1 is 3-7/16".

Minimum bearing length for B2 is 1-1/2".

Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing +

1/2 intermediate bearing

Calculations assume Member is Fully Braced.

Design based on Dry Service Condition.

Deflections less than 1/8" were ignored in the results.

Page 1 of 2



Double 1-3/4" x 11-1/4" VERSA-LAM® 2.0 3100 SP

Roof Beam\RB01

Dry | 2 spans | No cantilevers | 0/12 slope

Friday, February 20, 2015

BC CALC® Design Report

esign Report

Build 3272 Job Name: Address: City, State, Zip:,

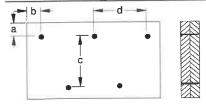
Customer:

Code reports: ESR-1040

File Name: BC CALC Project Description: Designs\RB01

Specifier: Designer: Company: Misc:

Connection Diagram



a minimum = 2" c = 7-1/4" d = 24"

Member has no side loads. Connectors are: 16d Sinker Nails

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.\n\nBC CALC®, BC FRAMER®, AJS™, ALLJOIST®, BC RIM BOARD™, BCI®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND®, VERSA-STUD® are trademarks of Boise Cascade Wood Products L.L.C.



Double 1-3/4" x 9-1/4" VERSA-LAM® 2.0 3100 SP

Roof Beam\RB07

BC CALC® Design Report

June 18, 2015 15:21:19

Build 4064 Job Name:

Wesson - Detray

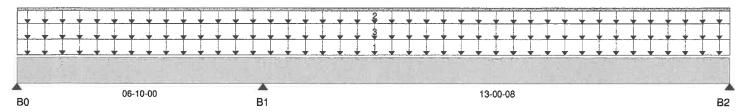
Address: City, State, Zip:, Customer:

Code reports: ESR-1040

Dry | 2 spans | No cantilevers | 0/12 slope

File Name: BC CALC Project Description: Designs\RB07

Specifier: Designer: Company: Misc:



Total of Horizontal Design Spans = 19-10-08

Reaction Summary (Down / Uplift) (lbs) Bearing Wind **Roof Live** Dead Snow 1,077 / 246 B₀ 470 / 0 **B**1 5,862 / 0 6,917 / 0 B2 2,754 / 0 2,301 / 0

			Liv	re Dead	Snow	Wind Roof Live	Trib.
Load Summary							
Tag Description	Load Type	Ref. Start	End 100	0% 90%	115%	160% 125%	
1 Standard Load	Unf. Area (lb/ft^2)	L 00-00-00	19-10-08	10	20		07-06-00
2	Unf. Lin. (lb/ft)	L 00-00-00	19-10-08	60			n/a
3	Unf. Area (lb/ft^2)	L 00-00-00	19-10-08	20	25		14-06-00

Controls Summary	Value	% Allowable	Duration	Case	Location
Pos. Moment	13,492 ft-lbs	88.4%	115%	8	14-05-09
Neg. Moment	-15,110 ft-lbs	99%	115%	9	06-10-00
End Shear	4,256 lbs	60.2%	115%	8	07-09-00
Cont. Shear	6,465 lbs	91.4%	115%	9	07-09-00
Total Load Defl.	L/205 (0.763")	87.8%	n/a	8	14-00-01
Live Load Defl.	L/371 (0.422")	64.7%	n/a	11	14-00-01
Total Neg. Defl.	L/999 (-0.094")	n/a	n/a	8	04-03-14
Max Defl.	0.763"	76.3%	n/a	8	14-00-01
Span / Depth	16.9	n/a	n/a	0	00-00-00

Cautions

For roof members with slope (1/4)/12 or less final design must ensure that ponding instability will not occur.

For roof members with slope (1/2)/12 or less final design must account for Rain-on-Snow surcharge load.

Notes



Double 1-3/4" x 9-1/4" VERSA-LAM® 2.0 3100 SP

Roof Beam\RB07

Dry | 2 spans | No cantilevers | 0/12 slope

June 18, 2015 15:21:19

BC CALC® Design Report

Build 4064 Job Name: Wesson - Detray

Address: City, State, Zip:, Customer:

Code reports: ESR-1040

File Name: BC CALC Project Description: Designs\RB07

Specifier: Designer: Company: Misc:

Design meets Code minimum (L/180) Total load deflection criteria. Design meets Code minimum (L/240) Live load deflection criteria.

Design meets arbitrary (1") Maximum total load deflection criteria.

Minimum bearing length for B0 is 1-1/2". Minimum bearing length for B1 is 4-7/8".

Minimum bearing length for B2 is 1-15/16".

Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing +

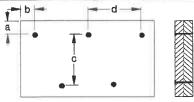
1/2 intermediate bearing

Calculations assume Member is Fully Braced.

Design based on Dry Service Condition.

Deflections less than 1/8" were ignored in the results.

Connection Diagram



c = 5-1/4" a minimum = 2" b minimum = 3"d = 24"

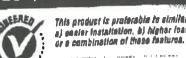
Member has no side loads. Connectors are: 16d Sinker Nails

Disclosure

Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

BC CALC®, BC FRAMER® , AJS™, ALLJOIST® , BC RIM BOARD™, BCI® , BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND®, VERSA-STUD® are trademarks of Boise Cascade Wood Products L.L.C.

LUS/HUS/HHVS/制備製器 Double Shear Joist Hangers



This product is praterable to cimitar companies the deligio of a) pacier installation, b) higher loads, s) lower installed dost,

See Hanger tables on pages 77-82. See Hanger Options on pages 233-243 for hanger modifications, which may result in reduced loads.

All hangers in this series have double shear natting. This innovation distributes the load through two points on each joist nall for greater strength. It also allows the use of fewer nails, faster installation, and the use of standard nails for all connections. (Do not bend or remove tabs.)

MATERIAL: See tables, pages 77-82.

FINISH: Galvanized. Some products available in stainless steel or ZMAX® coating; see Corrosion Information, pages 13-15.

INSTALLATION . Use all specified fasteners. See General Notes.

· Nails must be driven at an angle through the joist or truss into the header to achieve the table loads.

· Not designed for welded or nailer applications.

- \bullet 16d sinkers (0.148° dia. \times 3½° long) may be used where 10d commons are specified with no reduction in load. Where 16d commons are specified, 10d commons or 16d sinkers (0.148" dia. x 31/4" long) may be used at 0.85 of the table load.
- Write 3x carrying members, use 16dx21/2" nails into the header and 16d commons into the joist with no load reduction.
- With 2x carrying members, use 10dx1 1/2" nalls into the header and 10d commons into the joist, reduce the load to 0.64 of the table value.
- · Use stainless-steel (SS) nalls with stainless-steel (SS) hangers.

OPTIONS: • LUS hangers cannot be modified.

· MUS hangers available with the header flanges turned in for 2-2x (3½") and 4x only, with no load reduction. See the HUSC Concealed Flange Illustration.



Double Shear Nailino Top View







Dome Double-Shear Nailing Side View (available on some models)

W HUSC

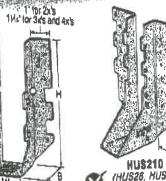
Concealed Flanges

(not available for HHUS,

V LU828

U.S. Patent 5,803,580

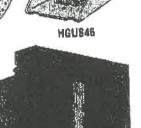












Typical LUS26 Installation use 0.146x3* (10d common) or 0.148x31/4* (16d sinker) nail

FACE MOUNT HANGERS — SOLID SAWN LUMBER (OF/SP)

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

These products are approved for installation with the Strong-Orive SD Connector screw. See page 27 for more information.

this pag	e may also be available with	17918	Biblibii	, 6/10411				- 1 2 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.07	SP Michig	Stall billio	10 March 19	Inetalled :	Code
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Giza			W	a.			H 7, 78,	LUMBER SIZES	47.47.22	1. 7.40			· 1005. I	
		nol.	1.Mail	2% i	TWEE		4-160	2-100HPA	265	1.155	635	685	Lowest.	17, 127, F8, L5, L1
	LU624	18	1//ie	36	TV.	- 7	4-10d	2 100 e/s	490		755 885	708	1.87.%	17, F6, L17
2X4	U24 HU26	16	18(1)	3/4	24		4-16d	2 10 dx 1 %	440	800	910	985	Lowest	17, 127, F6, L5, L1
DBL	LUS24-2	18	3%	31/4	2 2	_	4-16d 4-16d	2-16d 2-10d	370	575	665	705 720	+33%	17, F6, L17
2X4	U24-2 HU24-2/HUC24-2	14		31/40	21/4	=	4-16d	2-10d	380	380 885	595 990	1078	LOWING	17, (27, F6, L5, L
	AUSPORT	20	19/14 19/14	4%	474	7	8-18d A	4 tüdk lav	SE 1631	845 885	95Q	1000 1055	唯上語	
2x0	1125 (4) (4)	16	19/ja.	47	2.	1 TO	6-160	Mark Control	4.40.3	(A) [(A)	465	1040		17, F6, L17
		TA	18	ā.vis	2/1		4-16d 14-16d	2-104x1V	1510	27207	10095	ALC: UNKNOWN	数位。	17, 127. F6. L5. L
	HU826 LU826-2	18	31/2	41/8	2	— —	4-16d	4-180	1165 740	1030	1180	1280	Lowest	17, F6, L17
DBL	U28-2	16	31/6	5 5¥16	2	=	8-16d 4-16d	4-10d 4-16d	1235	1065	1210	1305	+172%	17, 127, F8, LS,
2X6	HUS26-2/HUSC26-2	14	31/6	5%	24	Min	8-16d	4-10d 6-10d	760	1190	1345	1445 2165	+254%	17, F6, L17
4	HU28-2/HUC28-2	14	31/4	5%	2 V4	Mex	12-10d	8-100	1104	-	COE	ES: See (age xx for Co	de Reference Key.C

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