



NOTE: 2012.1 Allowable Stress Design

1. THIS COMPONENT IS DESIGNED TO SUPPORT ONLY THE VERTICAL LOADS SHOWN VERIFICATION OF LOADING, DEFLECTION LIMITATIONS, FRAMING METHODS, WIND AND SEISMIC BRACING, AND OTHER LATERAL BRACING THAT IS ALWAYS REQUIRED IS THE RESPONSIBILITY OF THE PROJECT ENGINEER OR ARCHITECT.
2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL LP LVL.
4. SHIM ALL BEARINGS FOR FULL CONTACT.
5. VERIFY DIMENSIONS BEFORE CUTTING LP LVL TO SIZE.
6. THIS LP LVL IS TO BE USED AS A FLOOR BEAM ONLY.
7. COMPRESSION EDGE BRACING REQUIRED AT EACH END OF COMPONENT.

LOAD TABLE

1 PLY 1.750 X 14.000 LP LVL2950Fb-2.0E

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE (1). OTHER LOAD CASES FOR PATTERN LIVE LOADING ARE CHECKED AS REQUIRED. (DIMENSIONS MEASURED FROM LEFT END OF SPAN OR CANTILEVER.)

DISTRIBUTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM	TO	LOAD	LDF
					FT-IN-SX	FT-IN-SX		
UNIFORM	FLOOR	LIVE	TOP	320 PLF	00-00-00	06-03-00		1.00
UNIFORM	FLOOR	DEAD	TOP	96 PLF	00-00-00	06-03-00		0.90
UNIFORM	WALL	DEAD	TOP	80 PLF	00-00-00	06-03-00		0.90
UNIFORM	BEAM	WEIGHT		7 PLF	00-00-00	06-03-00		0.90

WARNING NOTES:

THIS COMPONENT DESIGN IS SPECIFICALLY FOR L-P ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN LP LVL OR LP LSL OR LP I-JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT REQUIRES REVIEW BY A DESIGN PROFESSIONAL.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE LP LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR LP LVL FLOOR BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA :
MSI: 0.17
VSI: 0.20
RSI: 0.80

LIVE LOAD = 40 PSF
DEAD LOAD = 12 PSF
TOTAL LOAD = 52 PSF

FLR LEFT SPAN CARR. : 16.00 FT
FLR RIGHT SPAN CARR. : 0.00 FT

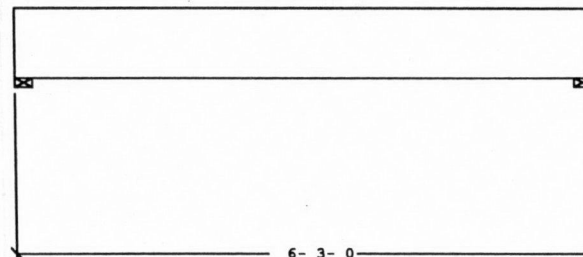
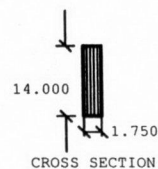
DEFLECTION CRITERIA :
LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

CODE COMPLIANCES :
REPORT #
APA PR-L280
ICC-ES ESR-2403
LADBS RR-25783
HUD MR-1214
CCMC 11518-R

SUPPORT REACTIONS (LBS):
MAXIMUM BEARING NUMBER
1 2
DOWN 1572 1572
UPLIFT --- ---

MIN BEARING SIZES (IN-SX)
1- 8 1- 8

MAXIMUM DEFLECTIONS
CALCULATED ALLOWABLE
LIVE LOAD 0.01" (L/5802) 0.20"
*DEAD LOAD 0.01"
TOTAL LOAD 0.02" (L/3691) 0.31"



Handling & Erection	Miscellaneous Information	LP LVL, LP LSL and CTR, LP I-Joist Specifications	Software Provided By: LP Engineered Wood Products 414 Union Street, Suite 2000 Nashville, TN 37219 Phone 800.515.7570 Fax 866.753.4369
Temporary and permanent bracing for holding component plumb and for resisting lateral forces shall be designed and installed by others. No loads are to be applied to the component until after all the framing and fastening are completed. At no time shall loads greater than design loads be applied to the component.	The use of this component shall be specified by the designer of the complete structure. Obtain all the necessary code compliance approval and instructions from the designers of the complete structure before using this component. If the design criteria listed above does not meet local building code requirements, do not use this design. When this drawing is signed and sealed, the structural design is approved as shown in this drawing based on data provided by the customer. LP LVL, LP LSL and CTR, LP I-joists are made without camber and will deflect under load. Wood in direct contact with concrete must be protected as required by code. Continuous lateral support is assumed (wall, floor beam, etc.). LP does not provide on-site inspection. This drawing must have an Architect's or Engineer's seal affixed to be considered an Engineering document.	<ul style="list-style-type: none"> * Supports and connections for LP LVL, LP LSL, CTR and LPI to be specific applications. * Common nails driven parallel to glue lines shall be spaced a minimum of 4" for 10d and 3" for 8d. * Do not cut, notch, drill or alter LP LVL, LP LSL and CTR, LP I-joists except as shown in published material from LP any use of LP LVL, LSL and CTR, LP I-joists contrary to the limits set forth hereon, negates any express warranty of the product and LP disclaims all implied warranties including the implied warranties of merchantability and fitness for a particular use. <p>* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR</p> <p>LP is a registered trademark of Louisiana-Pacific Corporation.</p>	07/12/12 IBC 2009
Design Criteria The design and material specified are in substantial conformity with the latest revisions of NDS.* Dead load deflection includes adjustment factor for creep. Total load deflection is instantaneous.			DWG # _____ SHEET # _____

2012.1 Allowable Stress Design

NOTE:

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- PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
- DO NOT CUT, NOTCH OR DRILL LP LVL.
- SHIM ALL BEARINGS FOR FULL CONTACT.
- VERIFY DIMENSIONS BEFORE CUTTING LP LVL TO SIZE.
- THIS LP LVL IS TO BE USED AS A FLOOR BEAM ONLY.
- COMPRESSION EDGE BRACING REQUIRED AT EACH END OF COMPONENT.

LOAD TABLE

1 PLY 3.500 X 14.000 LP LVL2950Fb-2.0E

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE (1). OTHER LOAD CASES FOR PATTERN LIVE LOADING ARE CHECKED AS REQUIRED.
(DIMENSIONS MEASURED FROM LEFT END OF SPAN OR CANTILEVER.)

DISTRIBUTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM	TO	LOAD	LDf
					FT-IN-SX	FT-IN-SX		
UNIFORM	WALL	DEAD	TOP	80 PLF	00-00-00	20-06-00		0.90
UNIFORM	FLOOR	LIVE	TOP	53 PLF	00-00-00	20-06-00		1.00
UNIFORM	FLOOR	DEAD	TOP	16 PLF	00-00-00	20-06-00		0.90
UNIFORM	BEAM	WEIGHT		14 PLF	00-00-00	20-06-00		0.90
CONCENTRATED	FLOOR	LIVE	TOP	1209 LBS	04-00-00	MINBRG=3.00"		1.00
CONCENTRATED	FLOOR	DEAD	TOP	363 LBS	04-00-00	MINBRG=3.00"		0.90

WARNING NOTES:

THIS COMPONENT DESIGN IS SPECIFICALLY FOR L-P ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN LP LVL OR LP LSL OR LP I-JOISTS IS STRICTLY PROHIBITED. ANY MODIFICATION OF THIS DOCUMENT REQUIRES REVIEW BY A DESIGN PROFESSIONAL.

PROVIDE RESTRAINT AT CONCENTRATED LOAD TO ENSURE LATERAL STABILITY.

MINIMUM BEARING SIZES ARE SUFFICIENT TO PREVENT CRUSHING OF THE LP LVL BEAM AS DESIGNED. IT IS THE RESPONSIBILITY OF THE PROJECT ENGINEER, ARCHITECT OR DESIGNER TO VERIFY THAT THE SUPPORT STRUCTURE FOR THIS BEAM IS CAPABLE OF SUPPORTING THE REACTIONS.

ANCHOR LP LVL FLOOR BEAM SECURELY TO BEARINGS OR HANGERS.

LP COMPONENTS ARE MANUFACTURED WITHOUT CAMBER, THEREFORE IN ADDITION TO COMPLYING WITH BUILDING CODE DEFLECTION LIMITS OTHER DEFLECTION CONSIDERATIONS SHOULD BE EVALUATED BY PROJECT DESIGNER, SUCH AS VIBRATION, BOUNCE, AND AESTHETICS.

THIS FLOOR FRAMING COMPONENT HAS BEEN DESIGNED WITH AN INPUT TOTAL LOAD DEFLECTION LIMIT OF L/240. (PROVIDED BY THE LP CUSTOMER). THIS COMPONENT CANNOT BE USED TO SUPPORT CERAMIC TILE FLOORS.

DESIGN CRITERIA :

MSI: 0.43
VSI: 0.29
RSI: 0.75

LIVE LOAD = 40 PSF
DEAD LOAD = 12 PSF
TOTAL LOAD = 52 PSF

FLR LEFT SPAN CARR. : 1.33 FT
FLR RIGHT SPAN CARR. : 1.33 FT

DEFLECTION CRITERIA :

LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

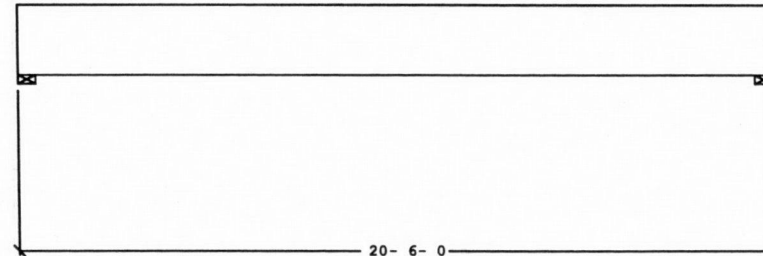
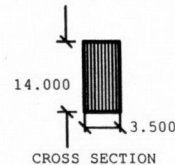
CODE COMPLIANCES :

REPORT #
APA PR-L280
ICC-ES ESR-2403
LADBS RR-25783
HUD MR-1214
CCMC 11518-R

SUPPORT REACTIONS (LBS):
MAXIMUM BEARING NUMBER
1 2
DOWN 2940 1981
UPLIFT --- ---

MIN BEARING SIZES (IN-SX)
1- 8 1- 8

MAXIMUM DEFLECTIONS
CALCULATED ALLOWABLE
LIVE LOAD 0.26" (L/951) 0.50"
DEAD LOAD 0.46"
TOTAL LOAD 0.56" (L/435) 1.02"



*** THIS DRAWING IS NOT TO SCALE ***

Handling & Erection

Temporary and permanent bracing for holding component plumb and for resisting lateral forces shall be designed and installed by others. No loads are to be applied to the component until after all the framing and fastening are completed. At no time shall loads greater than design loads be applied to the component.

Design Criteria

The design and material specified are in substantial conformity with the latest revisions of NDS.* Dead load deflection includes adjustment factor for creep. Total load deflection is instantaneous.

Miscellaneous Information

The use of this component shall be specified by the designer of the complete structure. Obtain all the necessary code compliance approval and instructions from the designers of the complete structure before using this component. If the design criteria listed above does not meet local building code requirements, do not use this design. When this drawing is signed and sealed, the structural design is approved as shown in this drawing based on data provided by the customer. LP LVL, LP LSL and CTR, LP I-Joists are made without camber and will deflect under load. Wood in direct contact with concrete must be protected as required by code. Continuous lateral support is assumed (wall, floor beam, etc.). LP does not provide on-site inspection. This drawing must have an Architect's or Engineer's seal affixed to be considered an Engineering document.

LP LVL, LP LSL and CTR, LP I-Joist Specifications

* Supports and connections for LP LVL, LP LSL, CTR and LP I to be specific applications.
* Common nails driven parallel to glue lines shall be spaced a minimum of 4" for 10d and 3" for 8d.
* Do not cut, notch, drill or alter LP LVL, LP LSL and CTR, LP I-Joists except as shown in published material from LP any use of LP LVL, LSL and CTR, LP I-Joists contrary to the limits set forth hereon, negates any express warranty of the product and LP disclaims all implied warranties including the implied warranties of merchantability and fitness for a particular use.

* A COPY OF THIS DRAWING IS TO BE GIVEN TO THE INSTALLING CONTRACTOR

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Software Provided By:
LP Engineered Wood Products

07/12/12 IBC 2009

414 Union Street, Suite 2000
Nashville, TN 37219
Phone 800.515.7570
Fax 866.753.4369

DWG # _____

SHEET # _____

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2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL LP LVL.
4. SHIM ALL BEARINGS FOR FULL CONTACT.
5. VERIFY DIMENSIONS BEFORE CUTTING LP LVL TO SIZE.
6. THIS LP LVL IS TO BE USED AS A FLOOR BEAM ONLY.
7. COMPRESSION EDGE BRACING REQUIRED AT 22" O.C. OR LESS.

LOAD TABLE

1 PLY 1.750 X 14.000 LP LVL2950Fb-2.0E

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE (1). OTHER LOAD CASES FOR PATTERN LIVE LOADING ARE CHECKED AS REQUIRED. (DIMENSIONS MEASURED FROM LEFT END OF SPAN OR CANTILEVER.)

DISTRIBUTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM FT-IN-SX	TO FT-IN-SX	LOAD	LDF
UNIFORM	FLOOR	LIVE	TOP	200 PLF	00-00-00	10-06-00		1.00
UNIFORM	FLOOR	DEAD	TOP	60 PLF	00-00-00	10-06-00		0.90
UNIFORM	FLOOR	LIVE	TOP	53 PLF	00-00-00	20-06-00		1.00
UNIFORM	FLOOR	DEAD	TOP	16 PLF	00-00-00	20-06-00		0.90
UNIFORM	BEAM	WEIGHT		7 PLF	00-00-00	20-06-00		0.90

WARNING NOTES:

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PROVIDE ANCHORAGE FOR UPLIFT AT SUPPORTS. ANCHORAGE DETAIL TO BE PROVIDED BY PROJECT DESIGNER.

ANCHOR LP LVL FLOOR BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA :

MSI: 0.23
VSI: 0.33
RSI: 0.59

LIVE LOAD = 40 PSF
DEAD LOAD = 12 PSF
TOTAL LOAD = 52 PSF

FLR LEFT SPAN CARR. : 1.33 FT
FLR RIGHT SPAN CARR. : 1.33 FT

DEFLECTION CRITERIA :

LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

CODE COMPLIANCES :

APA REPORT #
ICC-ES PR-L280
LADBS ESR-2403
HUD RR-25783
CCMC MR-1214
11518-R

SUPPORT REACTIONS (LBS):

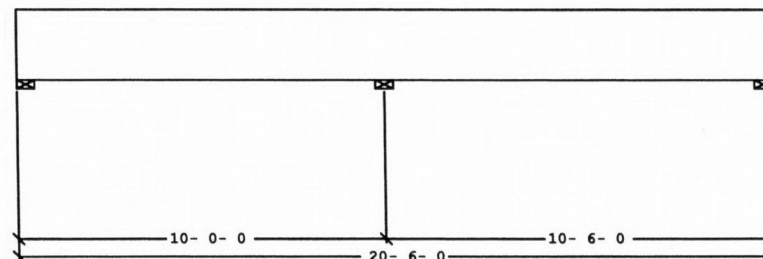
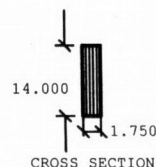
MAXIMUM BEARING	NUMBER
1 2 3	
DOWN 1460 2718 303	
UPLIFT --- --- 90	

MIN BEARING SIZES (IN-SX)

1- 8 3- 8 1- 8

MAXIMUM DEFLECTIONS
CALCULATED ALLOWABLE

LIVE LOAD	0.05" (L/2417)	0.33"
*DEAD LOAD	0.02"	
TOTAL LOAD	0.06" (L/1882)	0.50"



Handling & Erection

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Design Criteria

The design and material specified are in substantial conformity with the latest revisions of NDS.* Dead load deflection includes adjustment factor for creep. Total load deflection is instantaneous.

Miscellaneous Information

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LP LVL, LP LSL and CTR, LP I-Joist Specifications

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2. PROVIDE RESTRAINT AT SUPPORTS TO ENSURE LATERAL STABILITY.
3. DO NOT CUT, NOTCH OR DRILL LP LSL.
4. SHIM ALL BEARINGS FOR FULL CONTACT.
5. VERIFY DIMENSIONS BEFORE CUTTING LP LSL TO SIZE.
6. THIS LP LSL IS TO BE USED AS A FLOOR BEAM ONLY.
7. COMPRESSION EDGE BRACING REQUIRED AT EACH END OF COMPONENT.

LOAD TABLE

1 PLY 3.500 X 9.500 LP LSL 1.55E

NOTE: LOADS SHOWN ARE FOR INPUT LOAD CASE (1). OTHER LOAD CASES FOR PATTERN LIVE LOADING ARE CHECKED AS REQUIRED. (DIMENSIONS MEASURED FROM LEFT END OF SPAN OR CANTILEVER.)

DISTRIBUTION	SOURCE	TYPE	TOP/SIDE	LOAD	FROM FT-IN-SX	TO FT-IN-SX	LOAD	LDF
UNIFORM	FLOOR	LIVE	TOP	420 PLF	00-00-00	32-04-00		1.00
UNIFORM	FLOOR	DEAD	TOP	126 PLF	00-00-00	32-04-00		0.90
UNIFORM	BEAM	WEIGHT		11 PLF	00-00-00	32-04-00		0.90

WARNING NOTES:

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ANCHOR LP LSL FLOOR BEAM SECURELY TO BEARINGS OR HANGERS.

DESIGN CRITERIA :

MSI: 0.39
VSI: 0.26
RSI: 0.51

LIVE LOAD = 40 PSF
DEAD LOAD = 12 PSF
TOTAL LOAD = 52 PSF

FLR LEFT SPAN CARR. : 10.50 FT
FLR RIGHT SPAN CARR. : 10.50 FT

DEFLECTION CRITERIA :

LIVE LOAD DEFL: L / 360
TOTAL LOAD DEFL: L / 240

CODE COMPLIANCES :

REPORT #
APA PR-L280
ICC-ES ESR-2403
CCMC 13319-R
LADBS RR-25783

SUPPORT REACTIONS (LBS):

MAXIMUM BEARING NUMBER	1	2	3	4	5
DOWN	1949	5415	4905	5415	1949
UPLIFT	---	---	---	---	---

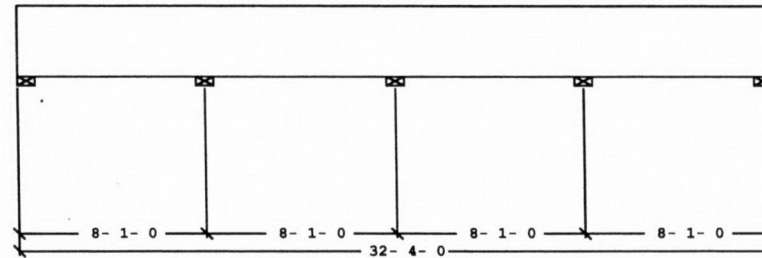
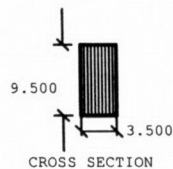
MIN BEARING SIZES (IN-SX)

1- 8 3- 8 3- 8 3- 8 1- 8

MAXIMUM DEFLECTIONS

CALCULATED ALLOWABLE

LIVE LOAD 0.09" (L/1064) 0.27"
*DEAD LOAD 0.04"
TOTAL LOAD 0.11" (L/863) 0.40"



*** THIS DRAWING IS NOT TO SCALE ***

Handling & Erection

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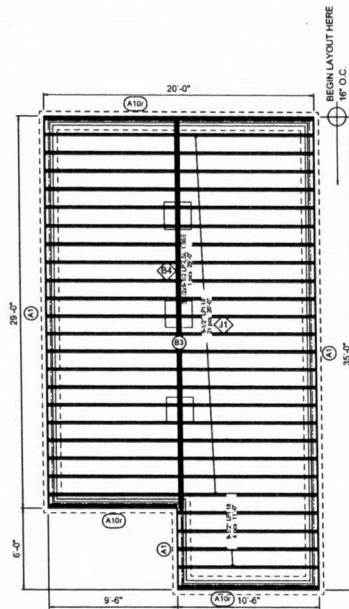
Software Provided By:

LP Engineered Wood Products
414 Union Street, Suite 2000
Nashville, TN 37219
Phone 800.515.7570
Fax 866.753.4369

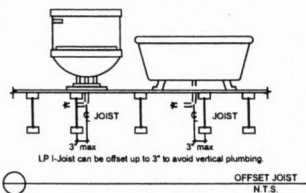
07/12/12 IBC 2009

DWG # _____

SHEET # _____



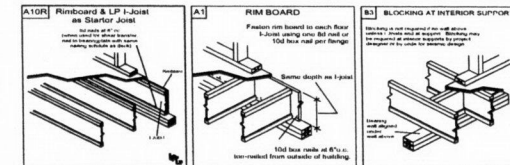
IWP12745 MAIN FLOOR A.D.U. UNIT LP I-JOIST LAYOUT



SCALE: THIS COMPONENT DESIGN IS SPECIFICALLY FOR LOUISIANA PACIFIC ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN GANG-LAM LVL OR LP-I-JOISTS IS STRICTLY PROHIBITED. THIS LAYOUT IS PROVIDED AS A CONVENIENCE TO THE FRAMER ONLY TO SHOW JOIST AND BEAM LOCATIONS AND IS NOT TO BE USED AS THE STRUCTURAL FRAMING PLAN.

Label	Qty	Description	Length
LBK	1	9-1/2" LP I-18	20'-0"
B1	21	9-1/2" LP I-18	20'-0"
B2	1	9-1/2" LP I-18	20'-0"
B3	4	9-1/2" LP I-18	11'-0"
B4	1	9-1/2" LP I-18	11'-0"
B5	1	9-1/2" LP I-18	10'-0"

Label	Qty	Description	Length
LP LBL	1	3-1/2" x 12-1/2" LP LBL 1-56	20'-0"
Label	Qty	Description	Length
LP OSB Rim	7	1/2" x 12-1/2" LP OSB Rim	18'-0"



- General Notes**
- FLOOR JOISTS TO BE 9-1/2" LP I-18 @ 16" O.C. TYP. U.N.D.
 - OFFSET JOIST MAX. 3" FOR PLUMBING TYP. U.N.D.
- ⬠ INDICATES I-JOIST CALCULATION
⬠ INDICATES BEAM CALCULATION

- KEY NOTES**
- ⬠ WOULD STREET BE REQUIRED SEE DETAIL A1 FOR INSTALLATION INFORMATION
 - ⬠ JOIST AND BEAMWORK AT WALLS PARALLEL TO FLOOR JOIST
 - ⬠ BLOCKING PERMIT SEE DETAIL B1 FOR INSTALLATION INFORMATION
 - ⬠ SIMPSON HANGER SEE DETAIL B2 FOR INSTALLATION INFORMATION

- Additional Notes**
- ALWAYS READ PRODUCT BROCHURE BEFORE INSTALLATION OF EWP PRODUCTS.
 - REFER TO HOLE CHARTS PRIOR TO DRILLING PRODUCT.
 - THIS DOCUMENT IS INTENDED SOLELY AS A REPLACEMENT PLAN. IT IS TO BE REVIEWED BY THE ENGINEER OF RECORD / ARCHITECT / DESIGN PROFESSIONAL AND MUST MEET HIS APPROVAL PRIOR TO INSTALLATION OF OUR PRODUCT.
 - NOTED GULAM BEAMS: HAVE BEEN PROVIDED AS A COUNTERTY TO THE CUSTOMER. BEAM SIZE(S) GIVEN ARE BASED UPON ORIGINAL DESIGN SPECIFICATIONS. LP AND EWP ARE NOT RESPONSIBLE FOR THE ACCURACY OF LISTED GULAM BEAMS.
 - THIS DOCUMENT IS NOT TO BE USED AS A REPLACEMENT FOR YOUR ORIGINAL STRUCTURAL PLANS.

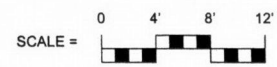
LP TOP NOTCH T&G FLOORING
250, 350 SERIES SUB-FLOORING
4'x8" x 3/4", 7/8", or 1-1/8"
APPROX. SHEETS REQUIRED 21
SEE TECHNICAL DATA FOR FURTHER INFORMATION

G1 WE RECOMMEND USING OSI SF-450 CONSTRUCTION ADHESIVE
APPROX. CARTRIDGES REQUIRED 18
COVERAGE
3/8" BEAT SIZE APPROX 40 LIN. FT.
PFR 3/8" CARTRIDGE
SEE TECHNICAL DATA FOR FURTHER INFORMATION

LOAD & DEFLECTION CRITERIA
FLOOR LIVE LOAD: 40 PSF
FLOOR DEAD LOAD: 12 PSF
LVL LOAD DEFLECTION LIMIT: L/360
TOTAL LOAD DEFLECTION LIMIT: L/240

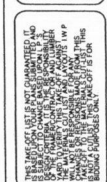
D2 SQUARE BLOCKS ARE REQUIRED WHERE ANY POS. LOAD IS TRANSFERRED DOWN TO AN LP-I-JOIST

CONSTRUCTION FRAMER TO VERIFY CORROSION PROTECTION FOR MEMBERS FROM PRE-EXISTING FRAMING MATERIALS. NO USE TO EXPOSED FRAMING IS ALLOWED. (PRODUCT) BEAMS IN "LP" PROTECTION AVAILABLE OPTIONS.



NOTE: QUANTITY AND LENGTH TO BE VERIFIED BY CONTRACTOR AND/OR LUMBER DELIVER.

PLACEMENT PLANS ONLY. DESIGN TO BE APPROVED BY ENGINEER OF RECORD.

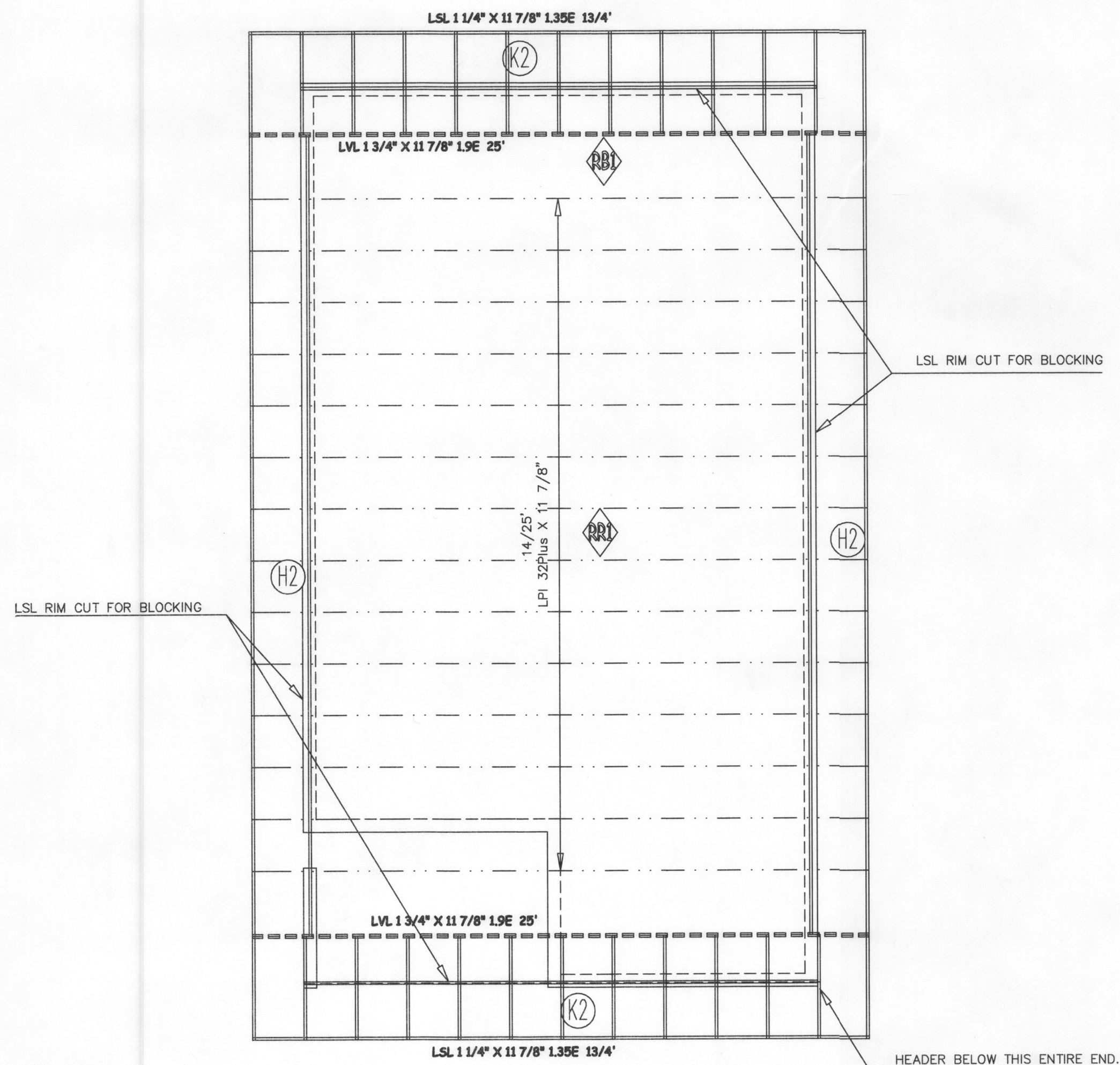


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WOODSTOCK COMMONS
ETHAN BECK HOMES
Project Name and Address

PROJECT: IWP12745_ADU
DATE: 07/12/2012
Scale: As Shown
Drawn By: Bob Brown
Checked By: [Signature]
1 of 1

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IWP12745 ADU ROOF LEVEL
LP I JOIST LAYOUT

SCALE:

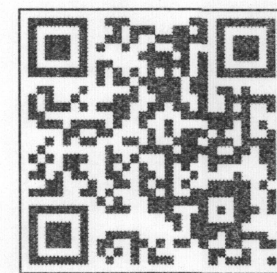
NOT TO SCALE

THIS COMPONENT DESIGN IS SPECIFICALLY FOR LOUISIANA PACIFIC ENGINEERED WOOD PRODUCTS. USE OF THIS DESIGN FOR ANYTHING OTHER THAN GANG-LAM LVL OR LPI-JOISTS IS STRICTLY PROHIBITED. THIS LAYOUT IS PROVIDED AS A CONVENIENCE TO THE FRAMER ONLY TO SHOW JOIST AND BEAM LOCATIONS AND IS NOT TO BE USED AS THE STRUCTURAL FRAMING PLAN.

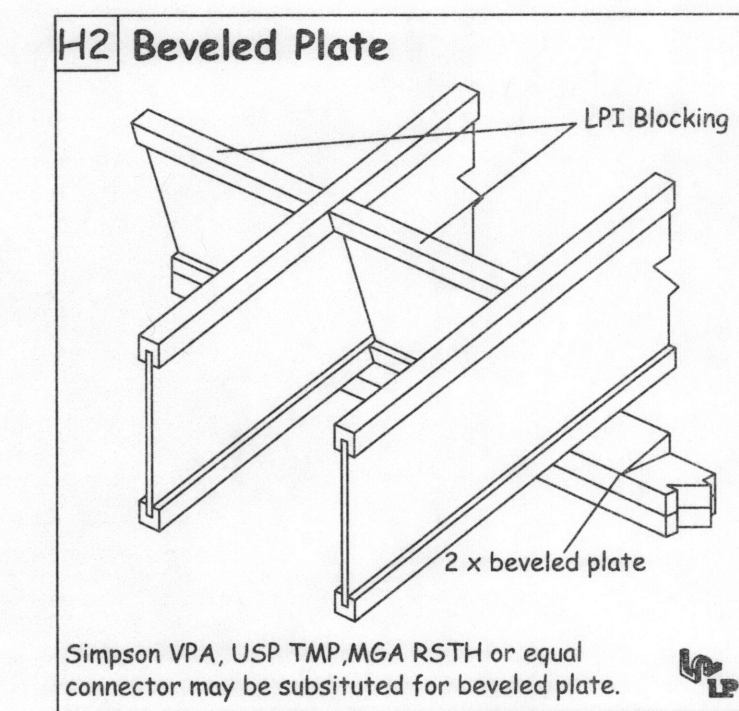
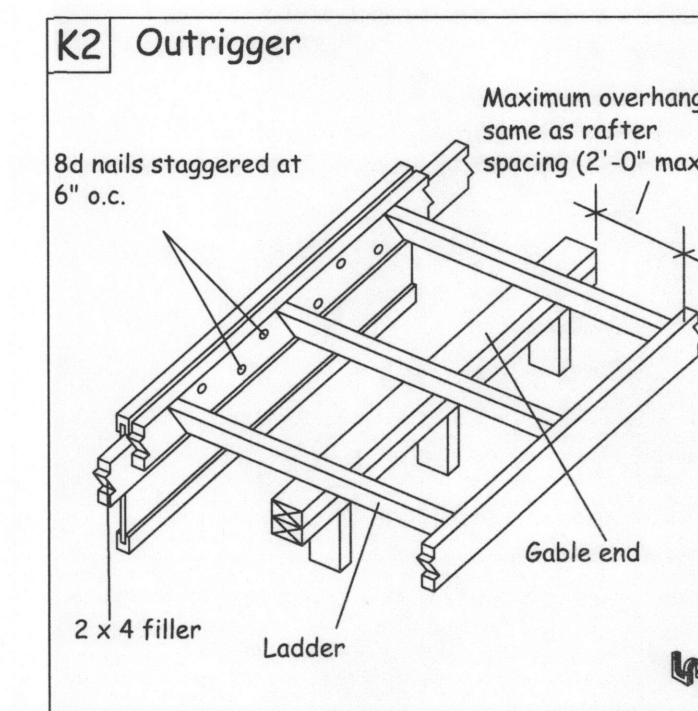
OUR LIMITED LIFETIME WARRANTY ALSO APPLIES TO TOP NOTCH FLOORING WHEN USED IN A FLOORING SYSTEM WITH OUR OTHER SOLID START PRODUCTS.

General Notes	Additional Notes
<ol style="list-style-type: none">FLOOR JOISTS TO BE 11 7/8" LPI32 Plus @ 24" O.C. TYP. U.N.O.OFFSET JOIST MAX. 3" FOR PLUMBING TYP. U.N.O. <p>◆ INDICATES JOIST CALCULATION.</p> <p>◆ INDICATES BEAM CALCULATION.</p>	<ol style="list-style-type: none">ALWAYS READ PRODUCT BROCHURE BEFORE INSTALLATION OF EWP PRODUCTS.REFER TO HOLE CHARTS PRIOR TO DRILLING PRODUCT.THIS DOCUMENT IS INTENDED SOLELY AS A PLACEMENT PLAN. IT IS TO BE REVIEWED BY THE ENGINEER OF RECORD / ARCHITECT / DESIGN PROFESSIONAL AND MUST MEET HIS APPROVAL PRIOR TO INSTALLATION OF OUR PRODUCT.NOTED GLULAM BEAM(S), HAVE BEEN PROVIDED AS A COURTESY TO THE CUSTOMER. BEAM SIZE(S) GIVEN ARE BASED UPON ORIGINAL DESIGN SPECIFICATIONS. LP AND IWP ARE NOT RESPONSIBLE FOR THE ACCURACY OF LISTED GLULAM BEAM(S).THIS DOCUMENT IS NOT TO BE USED AS A REPLACEMENT FOR YOUR ORIGINAL STRUCTURAL PLANS.
Key Notes	LOAD & DEFLECTION CRITERIA
<p>⑩ I-JOIST AND RIM BOARD AT WALLS PARALLEL TO FLOOR JOIST.</p> <p>① SOLID START RIM BOARD, SEE DETAIL A1 FOR INSTALLATION INFORMATION.</p> <p>③ BLOCKING PANEL, SEE DETAIL B3 FOR INSTALLATION INFORMATION.</p> <p>② SIMPSON HANGER, SEE DETAIL E2 FOR INSTALLATION INFORMATION.</p>	<p>FLOOR LIVE LOAD: 40 PLF</p> <p>FLOOR DEAD LOAD: 12 PLF</p> <p>LIVE LOAD DEFLECTION LIMIT: L/480</p> <p>DEAD LOAD DEFLECTION LIMIT: L/240</p>

D2 SQUASH BLOCKS ARE REQUIRED WHERE ANY POST LOAD IS TRANSFERRED DOWN TO AN LP I-JOIST

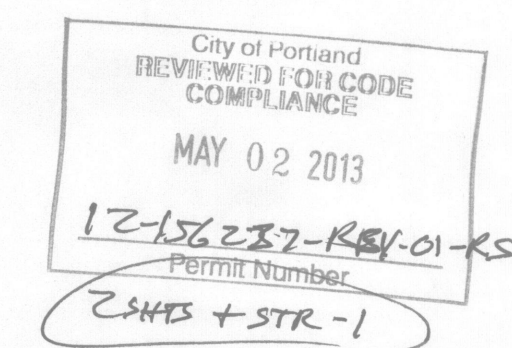


Visit IWP Online!



Designed By: Bob Brown - International Wood Products					
MARK	TYPE	QTY.	SERIES	DEPTH	LENGTH
J1	I-JOIST	14	LPI 32Plus	11 7/8"	25'
N/A	TYPE	QTY.	SERIES	DEPTH	LENGTH
-	RIM	16	1 1/4" 1.35E LSL	11 7/8"	20'
N/A	TYPE	QTY.	DIMENSIONS	GRADE	LENGTH**
-	LP LVL BEAM	2	1 3/4" X 11 7/8"	1.9E	25'

**Multi-ply beam ply's are added to multi-ply quantity.



NOTE: LAYOUT, QUANTITY AND LENGTH TO BE VERIFIED BY CONTRACTOR AND/OR LUMBER DEALER.

PLACEMENT PLANS ONLY. DESIGN TO BE APPROVED BY ENGINEER OF RECORD

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1 (800) 742-8689

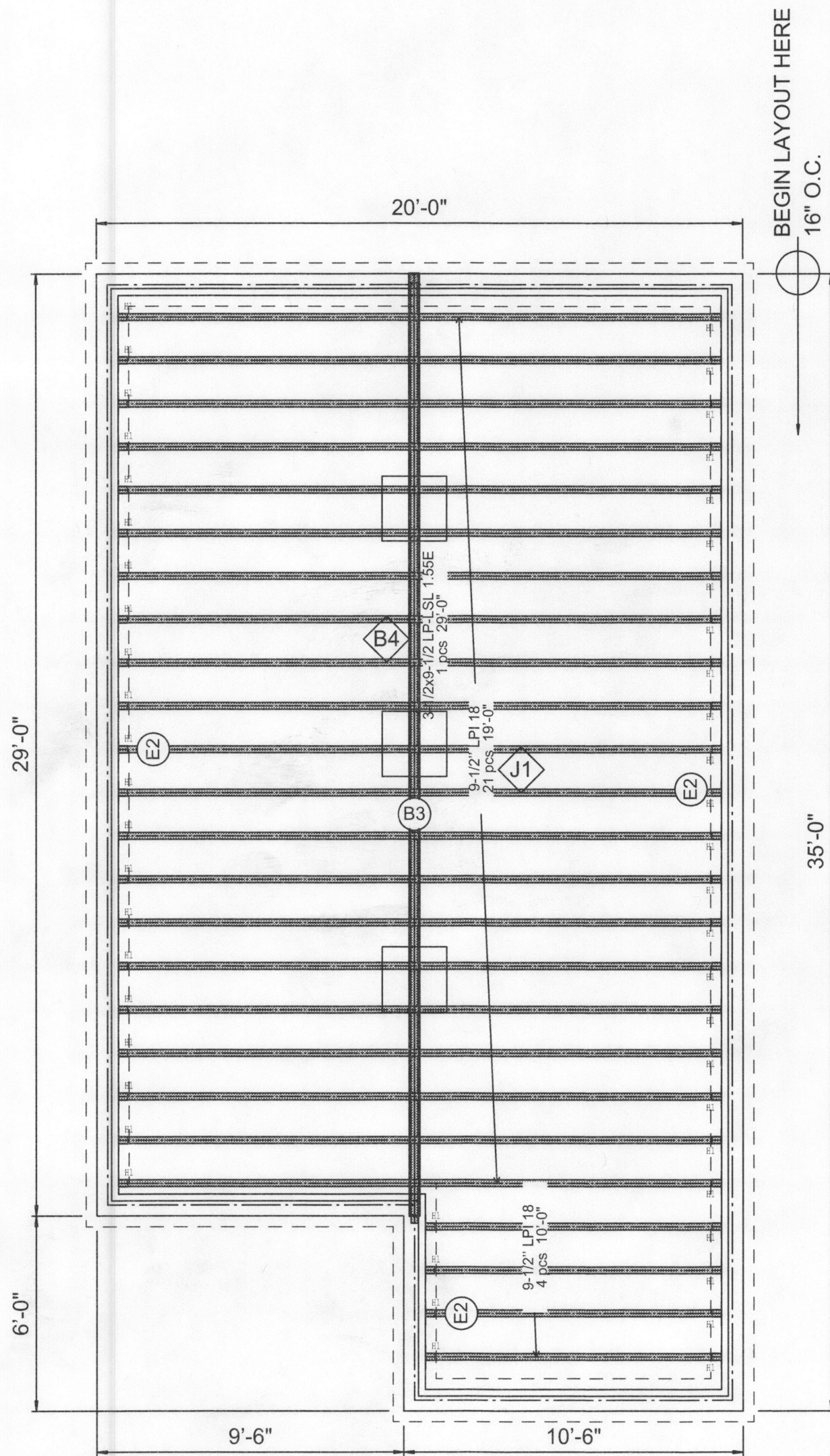
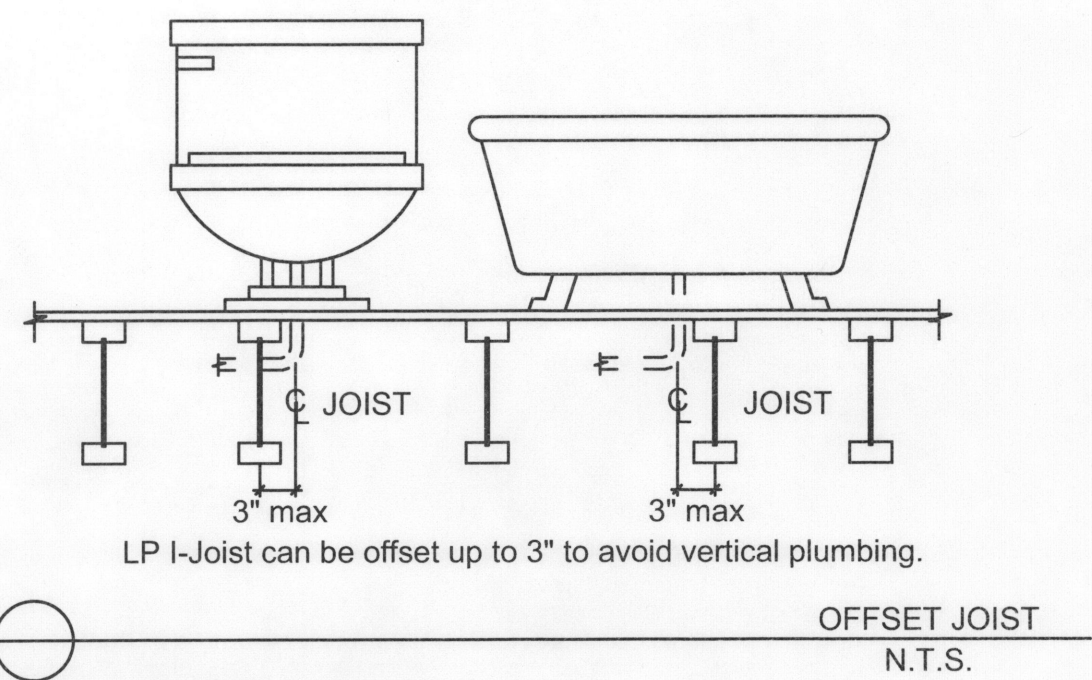
WOODSTOCK COMMONS
PHASE 1
156237-RP-01-KS

LEGEND
O = Key Note #
##/## = U COUNT / LENGTH
◆ = LVL BEAM / JOIST #
B.B.O. = Beam By Others

Project # IWP12745
Date 01/08/13
Scale NOT TO SCALE
Drawn By BOB BROWN
Permit Number 12-152232-REV-01-KS
Revised Date 01/24/13

4 of 5

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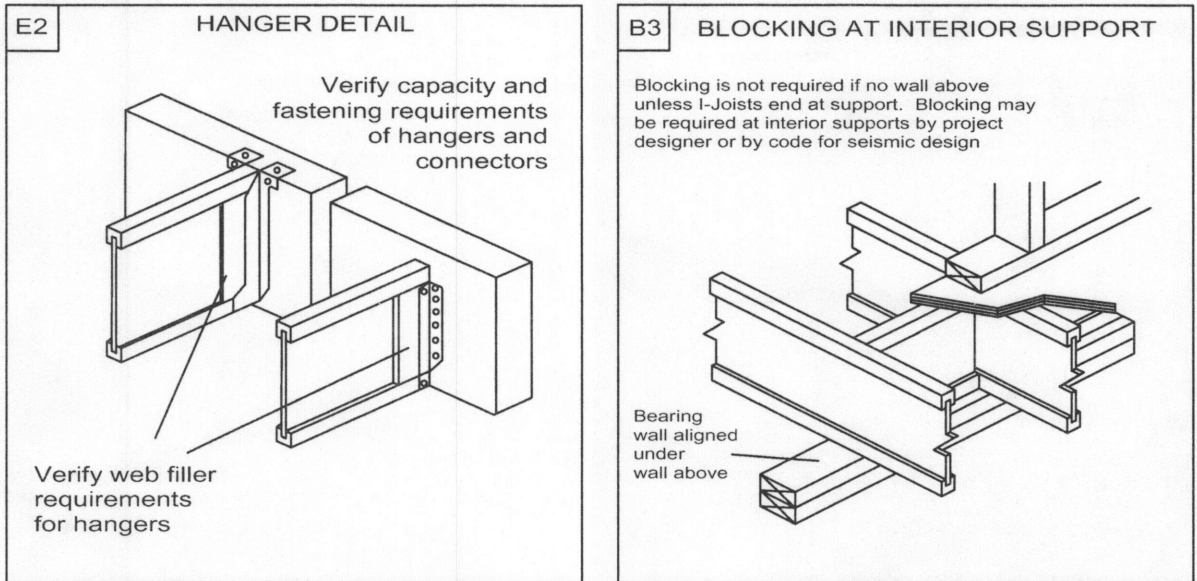


IWP12745 MAIN FLOOR
A.D.U. UNIT
LP I-JOIST LAYOUT

LPI I-Joist				
Label	Qty	Description	Length	
BLK		9-1/2" LPI 18	25'-0"	
J1	21	9-1/2" LPI 18	19'-0"	
J2	4	9-1/2" LPI 18	10'-0"	

LP LSL				
Label	Qty	Description	Length	
M1	1	3-1/2x9-1/2 LP-LSL 1.55E	29'-0"	

Connectors				
Label	Qty	Description	TF Fstnr	Face Fstnr
H1	50	ITS2.56/9.5	-	-



General Notes

- FLOOR JOISTS TO BE 9 1/2" LPI 18 @ 16" O.C. TYP. U.N.O.
- OFFSET JOIST MAX. 3" FOR PLUMBING TYP. U.N.O.

◆# INDICATES I-JOIST CALCULATION.

◆# INDICATES BEAM CALCULATION.

KEY NOTES

A1 SOLID START RIMBOARD, SEE DETAIL A1 FOR INSTALLATION INFORMATION

A7 I-JOIST AND RIMBOARD AT WALLS PARALLEL TO FLOOR JOIST

B3 BLOCKING PANEL, SEE DETAIL B3 FOR INSTALLATION INFORMATION

E2 SIMPSON HANGER, SEE DETAIL E2 FOR INSTALLATION INFORMATION

Additional Notes

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LP TOP NOTCH
T&G FLOORING
250, 350 SERIES SUB-FLOORING
4'x8' x 3/4", 7/8", or 1-1/8"
APPROX. SHEETS REQUIRED:21
SEE TECHNICAL DATA FOR FURTHER INFORMATION

G1 WE RECOMMEND USING
OSI SF-450
CONSTRUCTION ADHESIVE
APPROX. CARTRIDGES REQUIRED:16
COVERAGE:
3/8" BEAD SIZE: APPROX.40 LIN. FT.
PER 29oz. CARTRIDGE
SEE TECHNICAL DATA FOR FURTHER INFORMATION

LOAD & DEFLECTION CRITERIA

FLOOR LIVE LOAD: 40 PSF

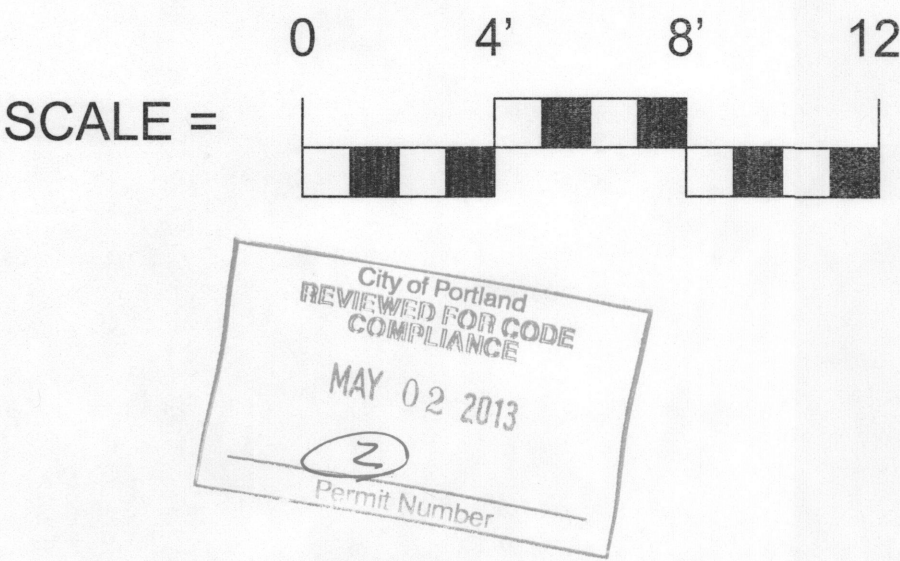
FLOOR DEAD LOAD: 12 PSF

LIVE LOAD DEFLECTION LIMIT: L/480

TOTAL LOAD DEFLECTION LIMIT: L/360

D2 SQUASH BLOCKS ARE REQUIRED WHERE ANY POST LOAD IS TRANSFERRED DOWN TO AN LP I-JOIST

CONTRACTOR/FRAMER TO VERIFY CORROSION PROTECTION FOR HANGERS FROM PRESSURE-TREATED LEDGERS/ILL PLATE. REFER TO SIMPSON STRONG-TIE LITERATURE&PRODUCT BULLETIN "T-PTWOOD06"FOR BARRIER OPTIONS.



SCALE: Not To Scale

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RECORD

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ROB BARRETT
Parr - Rockwood

Project Name and Address
WOODSTOCK COMMONS
ETHAN BECK HOMES

Project # IWP12745_ADU
Date 01/07/2013
Scale Not To Scale
Drawn By Bob Brown
Revised Date: