

Builder:
HOUSE ACCOUNT
**

Job:
FLAGSHIP-SASSER
S.W. SHELLCRACKER RD
Lake City **



Manning Building Supplies
Jacksonville, Florida 32256 jaxtruss@mbs-corp.com
Phone: (904) 268-8225 * Fax: (904) 260-2981

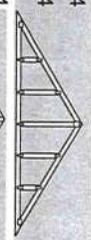
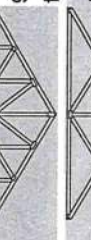
Job Information
Job #: J-13-0184
File #:
Salesman: David Price
Designer: Joseph Parker

Report and Delivery Date
Date: 3/26/2013
Del. Date:

Cover Sheet

Truss Level

WoodTruss

Qty	Span	Description	Pitch TC/BC	OHL OHR	TC Size BC Size	Truss	O/A Height
2	14'00"00	A01	7.00 / 0	02'00"00 02'00"00	2x4 2x4		04'01"04
5	14'00"00	A02	7.00 / 0	02'00"00 02'00"00	2x4 2x4		05'06"00
3	14'00"00	A03	7.00 / 0	02'00"00 00'00"00	2x4 2x4		05'06"00
8	14'00"00	A04	7.00 / 0	02'00"00 00'00"00	2x4 2x4		05'06"00
1	18'00"00	B01	7.00 / 3.00	02'00"00 02'00"00	2x4 2x4		05'03"04
16	18'00"00	B02	7.00 / 3.00	02'00"00 02'00"00	2x4 2x4		06'08"00
1	18'00"00	B03	7.00 / 0	00'00"00 00'00"00	2x4 2x4		05'07"05
1	18'00"00	B04	7.00 / 0	00'00"00 00'00"00	2x4 2x6		05'07"05

SIMPSON Strong-Tie

Hanger

Qty Description

8 HTU26

Trusses: 37 Hangers: 8
Jacks: 0 Beams: 0
Piggy Backs: 0 I-Joist: 0
Rim Boards: 0

Total Trusses in Package: 37



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID: IUV151-Z0426094903

Truss Fabricator: Manning Building Supply of Jacksonville, Inc.
Job Identification: J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City
Truss Count: 8
Model Code: Florida Building Code 2010
Truss Criteria: FBC2010Res/TP1-2007(STD)
Engineering Software: Alpine Software, Version 12.03.
Structural Engineer of Record: The identity of the structural EOR did not exist as of the seal date per section 61615-31.003(5a) of the FAC
Address: Roof - 37.0 PSF @ 1.25 Duration
Minimum Design Loads: Floor - N/A
Wind - 130 MPH ASCE 7-10 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TP1 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing..
3. The loads indicated on all referenced girder trusses are consistent with the truss layout provided by Manning Building Supply of Jacksonville, Inc. for the above referenced job identification. Loads applied by non-truss elements and basic load parameters are to be reviewed and approved by the EOR/building designer.
4. As shown on attached drawings; the drawing number is preceded by: HCUR151
Details: EJCORNER-1401SEC1-GBLLETIN-

Walter P. Finn
-Truss Design Engineer-

1950 Marley Drive
Haines City, FL 33844

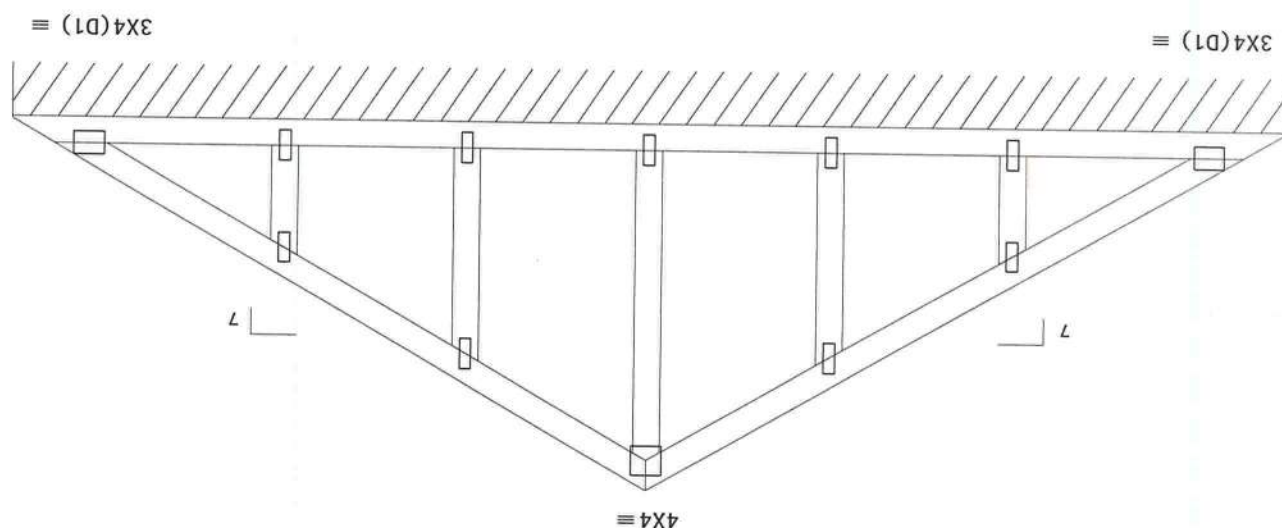
#	Ref	Description	Drawing#	Date
1	46992--A01		13085036	03/26/13
2	46993--A02		13085037	03/26/13
3	46994--A03		13085038	03/26/13
4	46995--A04		13085039	03/26/13
5	46996--B01		13085040	03/26/13
6	46997--B02		13085041	03/26/13
7	46998--B03		13085042	03/26/13
8	46999--B04		13085043	03/26/13



Note: All Plates Are 1.5X4 Except As Shown.

R=76 PLF U=8 PLF W=14-0-0

14-00 Over Continuous Support



Wind loads and reactions based on MWFRS with additional C&C member design.

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

CHORD	SPACING (IN OC)	START (FT)	END (FT)
BC	75	-0.43	13.57

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=3.0 psf, GCP(1+/-)=0.18

(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - A01)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

TC TL	20.0 PSF	REF R151-- 46992
TC DL	7.0 PSF	DATE 03/26/13
BC DL	10.0 PSF	DRW H05R151 13085036
BC LL	0.0 PSF	HC-ENG SSB/WPF
TOT. LD.	37.0 PSF	SEQN- 438927
DUR. FAC.	1.25	FROM JP
SPACING	24.0"	JREF- 1UUV151_Z04

Scale = .5"/Ft.

Design Crit: FBC2010Res/TP1-2007(ST)
FT/RT=20%(0%)/10(0)



Bot chord 2x4 Sp #2 12A
 Webs 2x4 Sp #2 12A
 Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

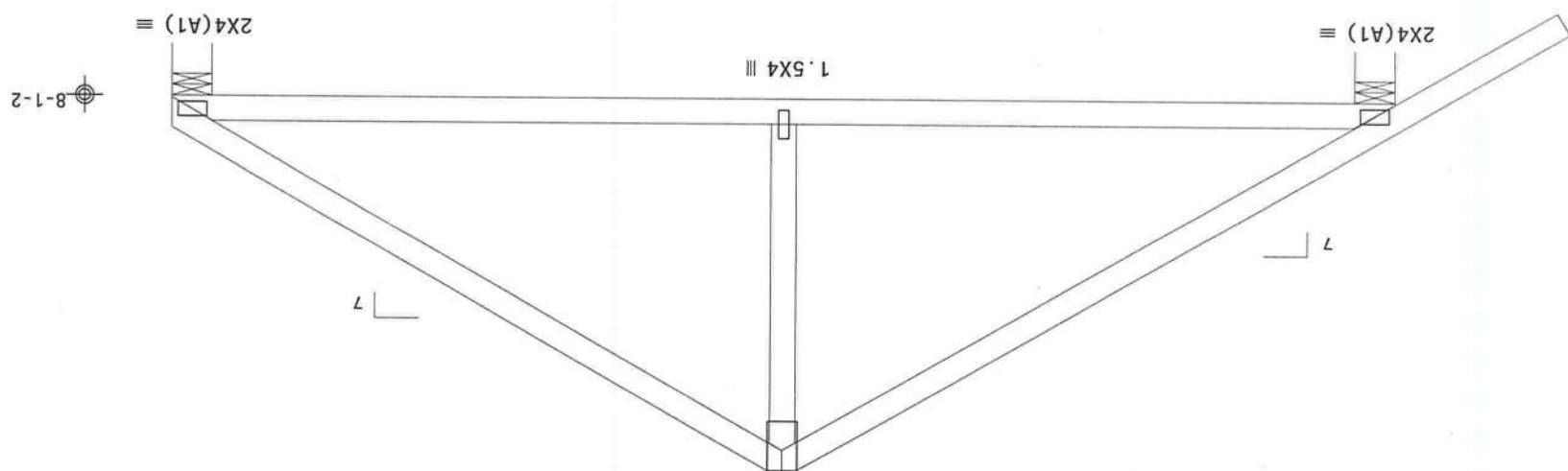
(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - A02)

$$FT/RT=20\%(0\%)/10(0)$$

FL/-/6/-/-/R/-
Scale = .5"/Ft.

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)



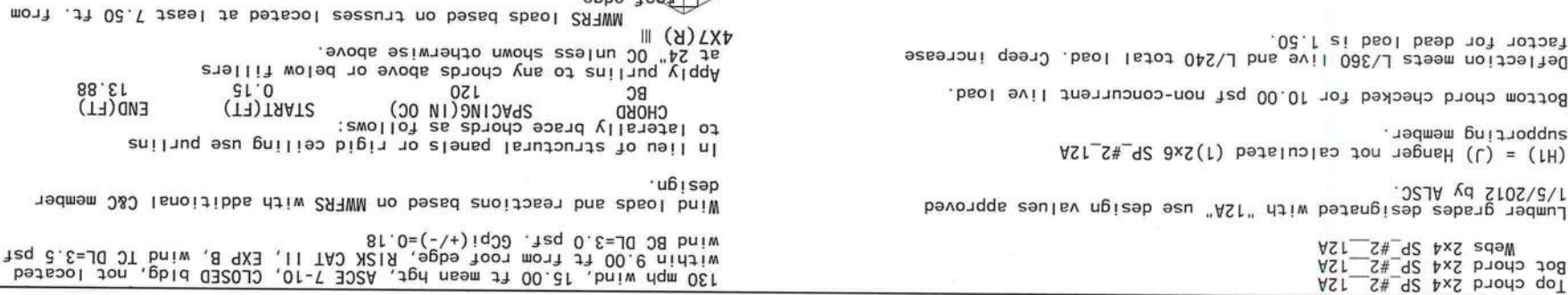
Bot chord 2x4 SP #2 12A
 Webs 2x4 SP #2 12A
 Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.
 In lieu of structural panels or rigid ceiling use purlins to lateral brace chords as follows:
 CHORD SPACING (IN OC) START (FT) END (FT)
 BC 120 0.15 13.85
 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=3.0 psf, GCF(+/ -)=0.18

(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - A03)

A circular professional engineer seal for the State of Florida. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "WALTER P. FINN" at the bottom. The inner ring contains "STATE OF FLORIDA" at the top and "LICENSE" at the bottom. In the center, the text "No. 22839" is printed above "Commission Expires 12/03/01". A signature is written across the seal.

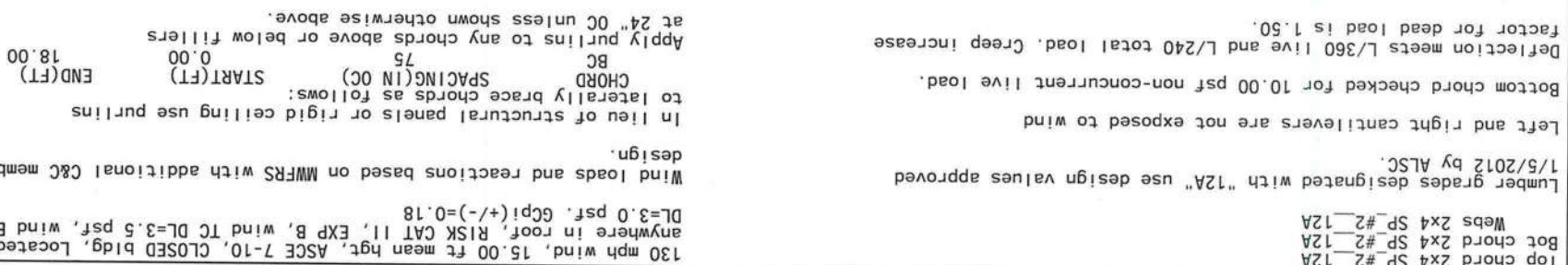
Design Crit: FBC2010Res/TP1-2007(ST)
FT/RT=20%(0%)/10(0)



(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - A04)

Note: All Plates Are 1.5X4 Except As Shown.

18-0-0 Over 2 Supports



(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - B01)

Wind loads and reactions based on MWFRS with additional C&C member design.

130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=3.0 psf, GCP! (+/-)=0.18

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

CHORD	SPACING (IN OC)	START (FT)	END (FT)
BC	75	0.00	18.00

Apply purlins to any chords above or below

Apply purllins to any chords above or below fillers at 24" OC unless shown otherwise above.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Bottom chord checked for 10.00 psf non-concurrent live load.

Left and right cantilevers are not exposed to wind

Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

Top chord	2x4	SP #2	12A
Bot chord	2x4	SP #2	12A
Webs	2x4	SP #2	12A

A circular professional engineer seal for the State of Florida. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "FLORIDA" at the bottom. Inside the ring, the text "STATE OF" is at the top, "LICENSE" is at the bottom, and "WALTER P. FINN" is in the center. The license number "No. 22839" is on the left and the expiration date "12/03/01" is on the right. A signature is written across the seal.

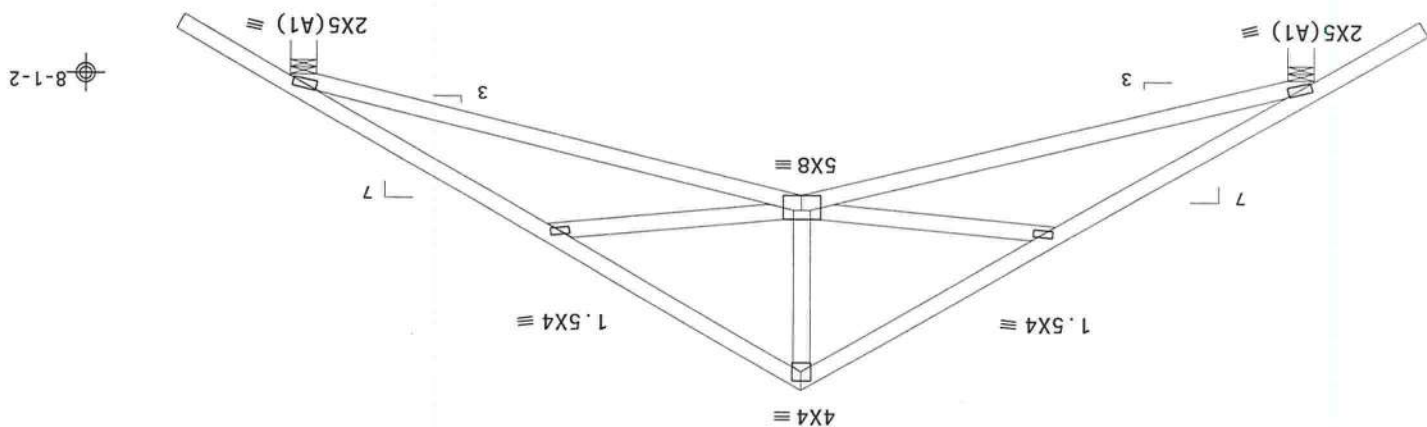
IC LL	20.0	PSF	REF R151-- -- 46996
TC DL	7.0	PSF	DATE 03/26/13
BC DL	10.0	PSF	DRW HCURS151 13085040
BC LL	0.0	PSF	HC-ENG SSB/WPF
TOT. LD.	37.0	PSF	SEQN- 438954
DUR. FAC.	1.25		FROM JP
SPACING	24.0"		JREF- 1UUV151_Z04

Scale = .375"/Ft.

PLT TYP. Wave

Design Crit: FBC2010Res/TP1-2007(STD)
FT/RT=20%(0%)/10(0)

R=809 U=111 W=5.5" (5.5" min.)
 RL=131/-131
 18-0-0 Over 2 Supports
 9-0-0
 9-0-0
 2-0-0
 W=5.5" (5.5" min.)
 R=809 U=111 W=5.5" (5.5" min.)
 RL=131/-131



Lumber grades designated with "12A" use design values approved 1/5/2012 by ALSC.

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

CHORD	SPACING (IN OC)	START (FT)	END (FT)
BC	105	-1.36	16.35

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

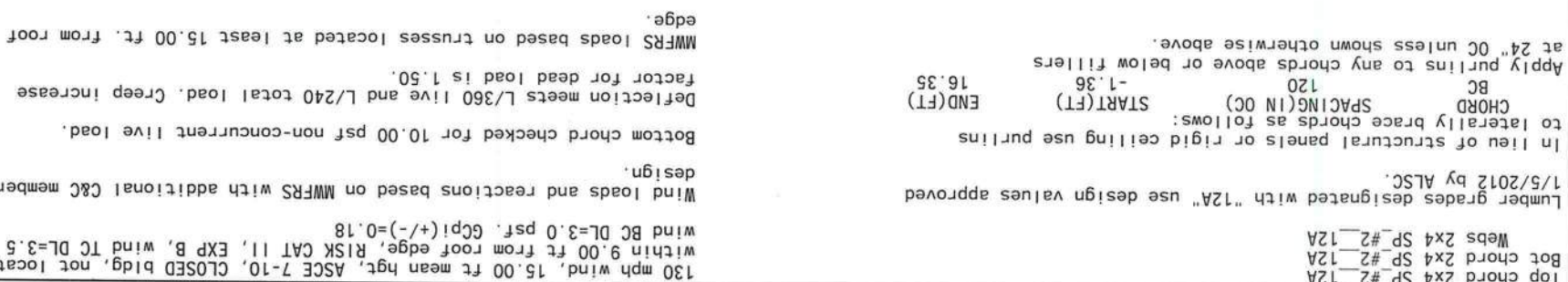
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=3.0 psf. $GCP(+/-)=0.18$

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

(J-13-0184--HOUSE ACCOUNT - - S.W. SHELLCRACKER RD Lake City, ** - B02)

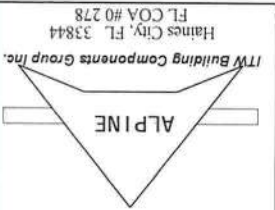
Design Crit: FBC2010Res/TP1-2007(ST0)
FT/RT=20%(0%)/10(0)

686 U=10 W=5.5" (5.5" min.)



THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

(J-13-0184--HOUSE ACCOUNT - -- S.W. SHELLCRACKER RD Lake City, ** - B03)

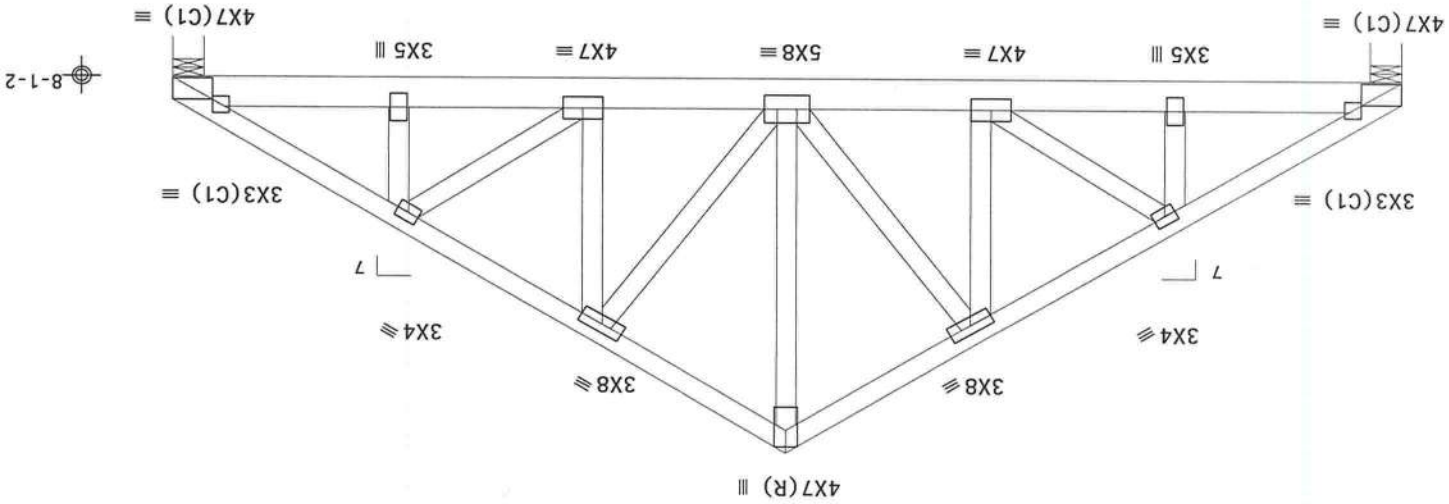


ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Details, unless noted otherwise, shall be in accordance with the ITWBCG design manual. The responsibility of the Building Designer for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpiinc.com; WTCA: www.wtcaindustry.com; ICC: www.iccsafe.org

JREF-1UUV151_Z04	SPACING	24.0"
FROM JP	DUR.FAC.	1.25
SEQN-438968	TOT.LD.	37.0 PSF
HC-ENG SSB/WPF	BC LL	0.0 PSF
DRW HCUSR151 13085043	BC DL	10.0 PSF
DATE 03/26/13	TC DL	7.0 PSF
REF R151--46999	TC LL	20.0 PSF



PLT TYP. Wave Design Crit: FBC2010Res/TPI-2007(STB) F/RT=20%(0%)/10(0) 2:03.01.0703.12 03/26/2013



Special loads
Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC-From 56 pif at 0.00 to 56 pif at 9.00
BC-From 10 pif at 0.00 to 10 pif at 18.00
BC- 523.18 lb Conc. Load at 2.06, 4.06, 6.06, 8.06
10.06, 12.06, 14.06, 16.06
Wind loads and reactions based on MMFRS.
In lieu of structural panels or rigid ceiling use purlins
to laterally brace chords as follows:
CHORD SPACING(IN OC) 120
BC -1.36
Apply purlins to any chords above or below fillers
at 24" OC unless shown otherwise above.
END(FT) 16.35
START(FT) -1.36

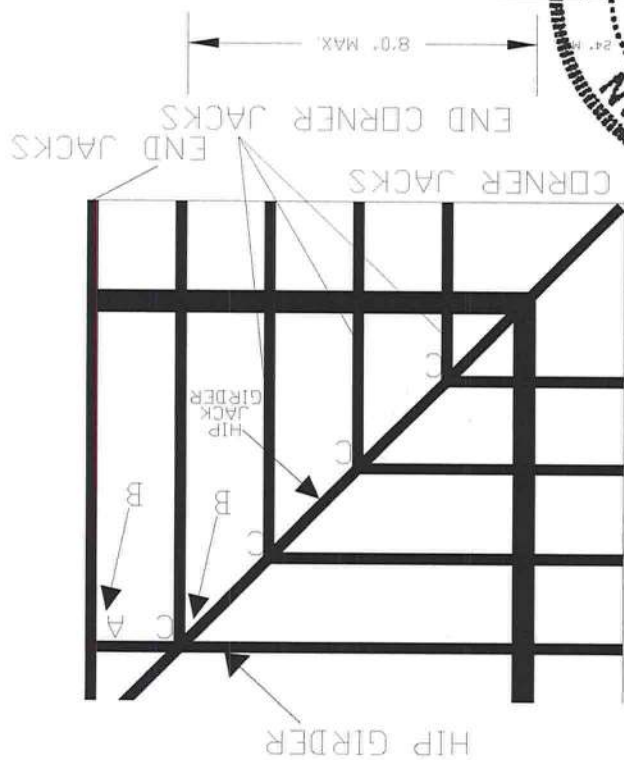
Top chord 2x4 SP_#2_12A
Bot chord 2x6 SP_#2_12A
Webs 2x4 SP_#2_12A
Lumber grades designated with "12A" use design values approved
1/5/2012 by ALSC.
130 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located
within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf,
wind BC DL=3.0 psf, GCP(+/-)=0.18
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/360 live and L/240 total load. Creep increase
Factor for dead load is 1.50.

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

(J-13-0184--HOUSE ACCOUNT -- S.W. SHELLCRACKER RD Lake City, ** - B04)

1. The applicant must be a U.S. citizen or permanent resident of the United States.
2. The applicant must have a minimum of 5 years of experience in the field of information technology.
3. The applicant must have a minimum of 3 years of experience in the field of network administration.
4. The applicant must have a minimum of 2 years of experience in the field of database administration.
5. The applicant must have a minimum of 1 year of experience in the field of system administration.
6. The applicant must have a minimum of 1 year of experience in the field of security administration.
7. The applicant must have a minimum of 1 year of experience in the field of disaster recovery planning.
8. The applicant must have a minimum of 1 year of experience in the field of business continuity planning.
9. The applicant must have a minimum of 1 year of experience in the field of risk management.
10. The applicant must have a minimum of 1 year of experience in the field of compliance.
11. The applicant must have a minimum of 1 year of experience in the field of governance.
12. The applicant must have a minimum of 1 year of experience in the field of ethics.
13. The applicant must have a minimum of 1 year of experience in the field of social responsibility.
14. The applicant must have a minimum of 1 year of experience in the field of environmental sustainability.
15. The applicant must have a minimum of 1 year of experience in the field of corporate social responsibility.
16. The applicant must have a minimum of 1 year of experience in the field of stakeholder management.
17. The applicant must have a minimum of 1 year of experience in the field of public relations.
18. The applicant must have a minimum of 1 year of experience in the field of media relations.
19. The applicant must have a minimum of 1 year of experience in the field of crisis management.
20. The applicant must have a minimum of 1 year of experience in the field of reputation management.

REF	20.00	PSF	END JACKS DATE 1/1/09 DRWG EJCORNERR0109
TC LL	14.00	PSF	
TC DL	0.00	PSF	
BC DL	10.00	PSF	
BC LL	44.00	PSF	
TOT. LD.			
DUR. FAC.		1.25	
SPACING		2'-0"-0	



DESIGN FOR 10 PSI NON-CONCURRENT BOTTOM CHORD LIVE LOAD
WIND LOADED FOR 90 MPH (ASCE) EXPOSURE "C" $K_z=1.00$ MAXIMUM
NO POINT LOADS, MECHANICAL UNITS, HVAC, SPRINKLERS, OR OTHER
ITEMS CAUSING ADDITIONAL LOADS ON THE STANDARD JACKS ARE
ALLOWED WITHOUT SPECIAL DESIGN.

125 104 00148X03 OF
169 00162X35 NALLS
THROUGH JACK LC INTO
RIDGE TOP CHAIR, 10E -
NALLS, OR ALTERNATE
MECHANICAL HANGER
PER MANUF. CATALOG

(3) 106 (0148*37) or
16d (0162*35) NALLS,
THROUGH JACK B.C. INFO
GIPDER ROT CHORD, 10E-
NAILED, OR ADEQUATE
MECHANICAL HANGER
PER MANUF. CATALOG.

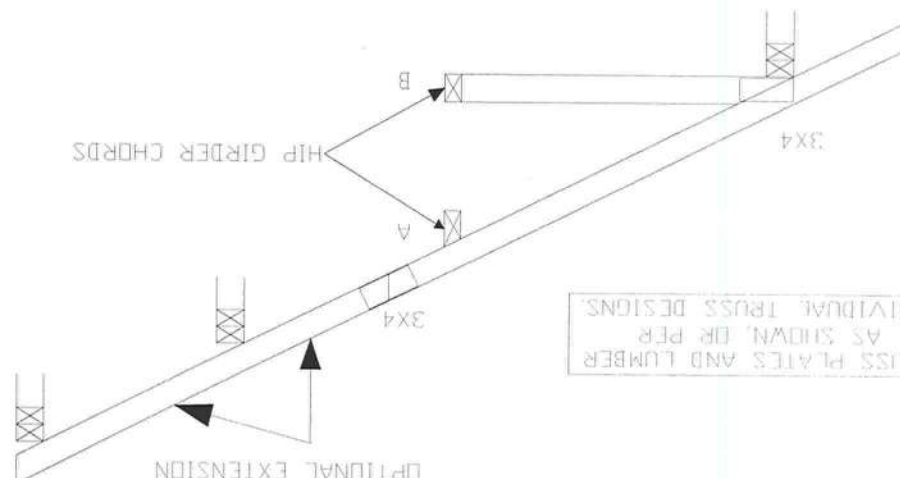
WATER
LICEA

JACK TOP CHORD
MUST BE SINGLE
BEVELED OR
DOUBLE BEVELED

CONNECTION DETAIL (TOP CHORD TO HIPJACK)

(BOT CHORD TO HIP GIRDER)

(STOP CHORD TO HIP GIRDER)



TRUSS PLATES AND LUMBER
AS SHOWN, OR PER
INDIVIDUAL TRUSS DESIGNS.

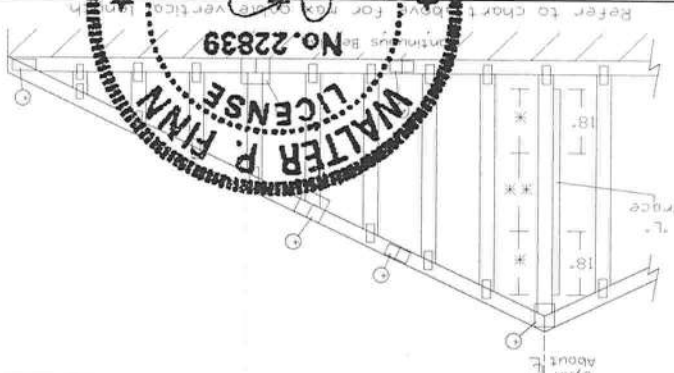
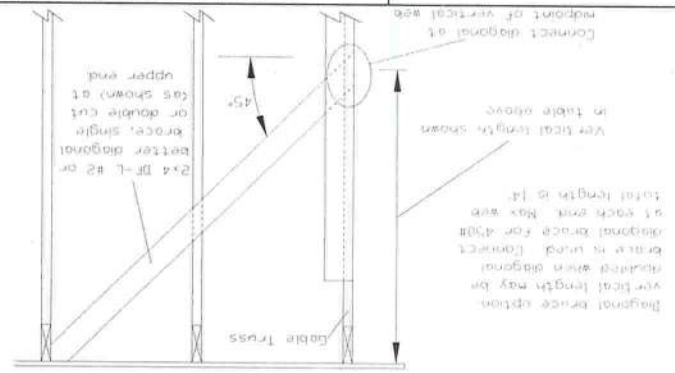
END JACK/CORNER STANDARD DETAIL

LUMBER REQUIREMENTS:
JACK TOP CHORD 2x4, #2 OR BETTER DF-L GREEN, #1/#2 OR BETTER CAN S-P-F,
#2 OR BETTER HEM-FR, OR 1650F MSR ANY SPECIES
JACK BOTTOM CHORD 2x4, #2 OR BETTER ANY SPECIES, OR 1650F MSR ANY SPECIES

THIS DETAIL APPLIES TO 45 DEGREE HIPSET ONLY.

03/26/2013
Mar 26 '13

REF	ASCE7-10-GAB14015
DATE	2/14/12
DRWG	A14015ENC100212



Max Gable Vertical Length									
12" o.c.		16" o.c.		24" o.c.					
Label Vertical	Spacing	Species	Grade	2x4		2x6		2x8	
				DFL	SPF	DFL	SPF	DFL	SPF
2x4	Brace	No	Group A	(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	4'-1"
				Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"
					(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"
		Group A	(1) 1x4 L ¹ Brace *		7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
	No	Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
2x6	Brace	No		Group A	(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"
			Group B		(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"
					(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
	No	Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
2x8	Brace	No		Group A	(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"
			Group B		(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"
					(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
	No	Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
2x10	Brace	No		Group A	(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"
			Group B		(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"
					(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
	No	Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
2x12	Brace	No		Group A	(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"
			Group B		(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"
					(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
	No	Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	
		Group A		(1) 1x4 L ¹ Brace *	7'-3"	4'-3"	4'-1"	4'-1"	
			Group B	(1) 2x4 L ¹ Brace *	7'-2"	4'-1"	4'-1"	4'-1"	
				(1) 1x4 L ¹ Brace *	7'-3"	4'-1"	4'-1"	4'-1"	

ASCE 7-10: 140 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, $K_z t = 1.00$

Wind Speed	Mean Height, Enclosed, Exposure D, $k_z = 1.00$	Mean Height, Enclosed, Exposure D, $k_z = 1.00$	Mean Height, Enclosed, Exposure D, $k_z = 1.00$	Mean Height, Enclosed, Exposure D, $k_z = 1.00$
150 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure D, $k_z = 1.00$				
120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, $k_z = 1.00$				
100 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, $k_z = 1.00$				

Bracing Group Species and Grades:	
Group A:	
Spruce-Pine-Fir #1 / #2 Standard #3 Stud	Douglas Fir-Larch #3 Standard Stud
Hem-Fir #3 Standard #4 Stud	Southern Pine*** #3 Stud Standard
Group B:	
Hem-Fir #1 & Btr #1	Douglas Fir-Larch #1 #2
Southern Pine*** #1 #2	1x4 Braces shall be SRB (Stress-Rated Board) Industrial 43 Stress-Rated Boards, Group B or 1x4 50 Pine use only Industrial 55 or values may be used with these grades.
Gable Truss Detail Notes:	

Refer to the Building Designer for conditions not addressed by this detail.

• Refer to common truss design for peak, splice, and heel plates.	
Vertical Length	No Splice
Less than 4' 0"	1x4 or 2x3
Greater than 4' 0", but less than 11' 6"	2.5x4
Greater than 11' 6"	3x4

Table Vertical Plate Sizes

1. Tracing must be a minimum of 80% of web length.

2. In 18" end zones and 6" o.c. between zones, $\frac{1}{2}$ " x 6" braces: space nails at 3' o.c.

3. In 18" end zones and 4" o.c. between zones, $\frac{1}{2}$ " x 6" braces: space nails at 2' o.c.

4. Attach 1" braces with 10d (0.128"x3.0" min) nails at 10d.

5. The ALSC January, 2012 Edition

6. Fine lumber design values based on 12" plywood overhang.

7. Gable end supports load from 4' 0" outboard.

8. Gable end overhang, or 12" plywood overhang.

9. Provide uplift connections for 55 psf over continuous bearing (5 psf TC Dead Load).

10. And load deflection criterion is L/240.

03/26/2013 Mar 26 '13

MAX. TOT. LD. 60 PSF	DUR. FAC. ANY	MAX. SPACING 24.0"
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REF	LET-IN VERT
DATE	2/16/12
DRWG	GBLLETIN0212

The diagram shows a cross-section of a portal frame. The frame consists of two vertical columns and a horizontal beam. The columns are labeled 'Rigid sheet piling' at the base. The beam is labeled 'Super' at the top. A central pile is shown, labeled 'Pile' and '4" dia'. The pile is connected to the columns by '4" dia' members. The pile is also connected to the beam by '4" dia' members. The pile is shown in two positions: one at the top and one at the bottom. The pile is shown in a vertical position, with the top and bottom ends labeled '4" dia'.

Gabrie Detail
For Let-in Verticals

TABLE TRUSS PLATE SIZES

For appropriate ITW gable detail for plate sizes for vertical studs.

Refer to Engineered Truss design for peak, eave, web, and heel plates.

Gable vertical plates overlap, use a single plate that covers the total area of overlapped plates to span the web.

Example:



To convert from L₁ to L₁ reinforcing members, multiply L₁ increase by gable detail, appropriate L₁ gable detail.

Maximum allowable L₁ reinforced gable vertical length is 14' from top to bottom chord.

L₁ reinforcing member material must notch size, specie, and grade of the L₁ reinforcing member.

Web Length Increase w/ L₁ Brace

1. Reinf.	Mr Size	2x4	2x6
1.	Increase	30 %	20 %

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SCALE	DATE	DRAWN BY	JOB NUMBER
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