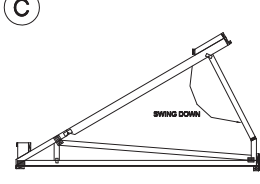
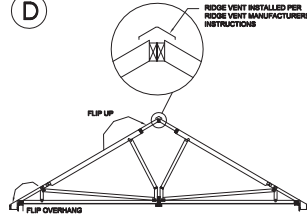


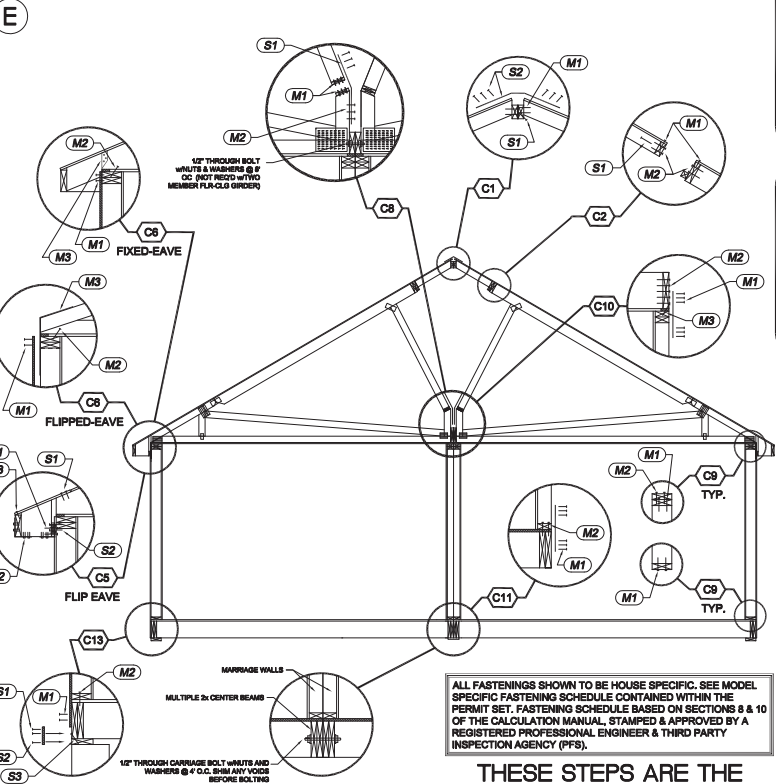
THIS STEP IS THE SAME FOR BOTH SIDES OF TRUSS



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THIS STEP IS THE SAME FOR BOTH SIDES OF TRUSS



ALL FASTENINGS SHOWN TO BE HOUSE SPECIFIC. SEE MODEL SPECIFIC FASTENING SCHEDULE CONTAINED WITHIN THE PERMIT SET. FASTENING SCHEDULE BASED ON SECTIONS 8 & 10 OF THE CALCULATION MANUAL, STAMPED & APPROVED BY A REGISTERED PROFESSIONAL ENGINEER & THIRD PARTY INSPECTION AGENCY (PFS).

THESE STEPS ARE THE SAME FOR BOTH SIDES

TYP CONNECTIONS FOR ONE-STORY W/ WEB TRUSS

SEE HOUSE SPECIFIC FASTENING SCHEDULE AT RIGHT.

**SECTION LEGEND**

- C8** = CONNECTION REQUIRED. SEE CHART AT RIGHT.
- M1** = CONNECTION BY MODULAR MANUFACTURER. SEE SCHEDULE AT RIGHT.
- S1** = CONNECTION TO BE COMPLETED ON-SITE. SEE SCHEDULE AT RIGHT.

**FASTENING SCHEDULE**

**HOUSE-SPECIFIC INFO**

QUOTER: 4355 STATE: ME  
 WIND SPEED: 100 mph SNOW LOAD: 50 psf  
 MEAN ROOF HT.: 20'-6"  
 ROOF O.C.: 24 in  
 WALL O.C.: 24 in  
 OVERHANG DEPTH: 10 in  
 EAVE OVERHANG: FIXED  
 LOCATION: MAIN HOUSE  
 EXTERIOR WALLS: 2x6  
 MARRIAGE WALLS: 2x4  
 WALL HT.: 8.0 ft  
 GABLE WALL HT.: 8 ft

**TRUSS-SPECIFIC CONNECTION INFO**

CONNECTION LOCATION	FORCE (lbs)		
	TENSION	SHEAR	COMPRESSION
RIDGE TO RIDGE	81	81	
RIDGE FLIP TO TOP CHORD	78	104	
COLLAR TIE TO TOP CHORD	N/A	N/A	N/A
KNEEWALL TO TOP CHORD	N/A	N/A	N/A
KNEEWALL TO BOTTOM CHORD (OR KING POST)	408	372	
TRUSS HEEL UPLIFT		308	
TRUSS HEEL HORIZONTAL		389	
TRUSS MATEWALL UPLIFT		410	
TRUSS MATEWALL HORIZONTAL		N/A	

**FASTENING TO BE COMPLETED "ON-SITE"**

CONN.#	DES	CONNECTION AREA	CONNECTION REQUIRED	CALC MANUAL PAGE REF#
C1	S1	RIDGE TO RIDGE	(2) 0.131" x 3-1/4" FACE-NAIS PER TRUSS BAY	8.0.4
	S2	FLIP RAFTER TO FLIP RAFTER	(1) 1.25" x 26 GA STRAP w/ (8) 8d NAILS EVERY THIRD TRUSS	8.0.5
C2	S1	TOP CHORD CONTINUOUS TO FLIP CONTINUOUS	(2) 0.131" x 3-1/4" FACE-NAIS PER TRUSS BAY	8.0.7
	S1	SHEATHING TO TOP CHORD	(5) 0.131" x 2-1/2" FACE-NAIS PER TRUSS	10.18.0
C5	S2	FLIP CONTINUOUS TO STUD	(3) 8# x 3" FACE-SCREWS PER BAY	10.22.0
	S1	KNEEWALL TO KINGPOST	(1) 1.25" x 20 GA STRAP w/ (14) 8d NAILS EVERY TRUSS	8.0.10
C18	S1	SHEATHING BAND TO RIM	(2) ROWS OF 0.131" x 2-1/2" FACE-NAIS AT 14" O.C.	10.4.0
	S2	SHEATHING BAND TO SILL PLATE	(1) ROW OF 0.131" x 2-1/2" FACE-NAIS AT 7" O.C.	10.5.0
	S3	FLOOR RIM TO SILL PLATE	(1) ROW OF 0.131" x 3-1/4" TOE-NAIS AT 8" O.C.	10.14.0
C15	S1	WALL PLATES TO TRUSS CHORDS (2x2 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
	S1	WALL PLATES TO TRUSS CHORDS (2x3 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0

**FASTENING TO BE COMPLETED BY "MANUFACTURER"**

CONN.#	DES	CONNECTION AREA	CONNECTION REQUIRED	CALC MANUAL PAGE REF#
C1	M1	RIDGE TO FLIP RAFTER	(2) 0.131" x 3-1/4" FACE-NAIS PER TRUSS	8.0.2
	M1	SHEATHING TO ROOF CONTINUOUS	(2) 0.131" x 2-1/2" FACE-NAIS PER TRUSS EA. SIDE	8.0.8
C2	M2	CONTINUOUS TO FLIP RAFTER OR TOP CHORD	(2) 0.131" x 3-1/4" FACE-NAIS PER TRUSS	8.0.6
	M1	FLIP CONTINUOUS TO OVERHANG BLOCK	(4) 0.131" x 2-1/2" FACE-NAIS PER TRUSS	10.22.0
C5	M2	SHEATHING TO FASCIA	(4) 0.131" x 2-1/2" FACE-NAIS PER TRUSS	10.22.0
	M1	SHEATHING TO WALL PLATES	(2) ROWS OF 0.131" x 2-1/2" NAILS AT 14" O.C.	10.3.0
	M2	TRUSS TO TOP PLATE (HORIZONTAL LOADING)	(5) 0.131" x 3-1/4" TOE-NAIS	10.10.0
C8	M3	TRUSS TO TOP PLATE (OR WALL STUD)	(1) SIMPSON MTS30 EVERY OTHER TRUSS	10.2.0
	M1	KNEEWALL PLATE TO KNEEWALL OR KINGPOST	(6) 0.131" x 3-1/4" FACE-NAIS PER TRUSS	8.0.9
	M2	KINGPOST TO KNEEWALL STUD	(1) 1.25" x 20 GA STRAP w/ (14) 8d NAILS EVERY TRUSS	8.0.10
C9	M1	PLATE TO STUD	(5) 0.131" x 3-1/4" FACE-NAIS PER STUD	10.12.0
	M2	PLATE TO PLATE	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 7" O.C.	10.1.0
C10	M1	CONTINUOUS TO WALL STUD	(1) 1.25" x 20 GA STRAP w/ (14) 8d NAILS AT 48" O.C.	10.15.0
	M2	CONTINUOUS TO TRUSS (OR CEILING JOIST)	(7) 0.131" x 3-1/4" FACE-NAIS PER TRUSS	
	M3	CONTINUOUS TO WALL PLATES	(1) ROW OF 0.131" x 3-1/4" TOE-NAIS AT 8" O.C.	2009 IRC
C11	M1	FLOOR RIM TO WALL STUD	(1) 1.25" x 20 GA STRAP w/ (14) 8d NAILS AT 48" O.C.	10.17.0
	M2	WALL PLATE TO FLOOR RIM	(2) ROWS OF 0.131" x 3-1/4" FACE-NAIS AT 18" O.C.	2009 IRC
C13	M1	SHEATHING TO RIM JOIST	(2) ROWS OF 0.131" x 2-1/2" FACE-NAIS AT 14" O.C.	10.4.0
	M2	PLATE TO FLOOR RIM JOIST	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 7" O.C.	10.13.0
C16	M1	LEDGER TO TRUSS (2x2 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
	M2	LEDGER TO WALL PLATE (2x2 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
C15	M1	LEDGER TO TRUSS (2x3 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
	M2	LEDGER TO WALL PLATE (2x3 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
C15	M1	LEDGER TO TRUSS (2x3 GABLE WALL)	(1) ROW OF 0.131" x 3-1/4" FACE-NAIS AT 11" O.C.	10.20.0
	M3	SHEATHING TO GABLE ENDWALL (2x3 GABLE WALL)	(1) ROW OF 0.131" x 2-1/2" FACE-NAIS AT 8" O.C.	10.21.0

PFS Corporation  
 Northeast Region  
 APPROVED  
 H Raup - 3  
 2/27/15  
 Approval limited to  
 Factory Built Portion

**FASTENING REQUIREMENTS FOR ONE-STORY W/ WEB TRUSS**

FASTENING SHOWN IS HOUSE SPECIFIC TO THE MODEL CONTAINED WITHIN THIS PERMIT SET. ALTERNATE FASTENERS OF EQUAL OR GREATER VALUE MAY BE SUBSTITUTED FOR THOSE SHOWN, PROVIDED THEY RESIST THE LOADS/FORCES IMPOSED PER CONNECTION.

PTL#: Kim 4355 STATE: ME  
 PD  QN  SN  CSD

BUILDER: MTR DEV., LLC  
 CUSTOMER/PROJECT: COPE  
 Keiser HOMES  
 Keiser Home Brand  
 Built By Excel Homes of Maine.

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ADJUSTMENTS MADE FOR CODE COMPLIANCE AND PRODUCTION CAPABILITY  
 DRAWING MAY BE REVERSED

DRAWN: CHECKED: VNC  
 SLP  
 SLP  
 DATE: 1-22-15  
 NO: PD1 1-22-15  
 PD2 1-29-15  
 DESCRIPTION:  
 FASTENING SECTION

DRAWING TITLE: FASTENING SECTION  
 SCALE: NTS SHEET: 8