RedBuilt™ Parapet Design Solutions.

Following are RedBuilt’s recommended solutions for constructing parapets without kickers.

**Balloon Framing**

Balloon framing is RedBuilt’s preferred method of construction due to safety, installation, and performance advantages.

ADVANTAGES COMPARED TO PLATFORM FRAMING:
- WALL ASSEMBLY IS FAST AND CAN BE DONE PRIOR TO TILTING WALLS
- WALL LOADS ABOVE AND BELOW TRUSS CAN BE TRANSFERRED INTO DIAPHRAGM (USING STRAPS TO ELIMINATE LEDGER CROSS GRAIN TENSION)
- ALL WALL SIZES SUPPORTED, INCLUDING STEEL STUDS
- STRAIGHTFORWARD NON-BEARING / SIDE WALL SOLUTIONS
Alternate Solutions

Where other solutions are required, RedBuilt™ has developed details that can be easily incorporated into the building design. Details for these solutions are included in the following pages.
Light Parapet Assembly for Red-L™ and RED-W™ Open-Web Trusses

- Parapets for conventional framing are supplied with the hardware pre-attached.
**Heavy Parapet Assembly for Red-L™ and Red-W™ Open-Web Trusses**

- Heavier hardware for larger axial loads
- Requires the use of Simpson SD9 screws

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**Section AA**

1. **RED BUILT ANGLE BRACKETS WITH SD9x1 1/2" SCREWS**
2. **6" MIN FROM INSIDE FOS**
3. **INSTALLATION CROSS BRACING TO BE REPLACED WITH TEMP. TOP CHORD NAILER**
4. **Max 1150#**
5. **Max 1050#**
6. **NO-NOTCH BEARING CLIP. SECURE TRUSS PER TECH BULLETIN #100 PAGE 2 (2 ADD'L SCREWS) BY RB**
7. **2x6 STUD WALL (MIN)**
8. **2x6 PARAPET STUD WALL**

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**Parapet Height**

**Shear Panel by Others**

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*160% LDF. VALUES FOR SG=.50, FOR SG OF .42, MULTIPLY VALUES BY .86*

**Design Lateral** + **Design Uplift** ≤ 1.0
Light Parapet Assembly for Red-I™ Joists

- Ideal for finishing ends of buildings when used with Open Web systems.

*160% LDF. VALUES FOR SG=.50, FOR SG OF .42, MULTIPLY VALUES BY .86
Heavy Parapet Assembly for Red-I™ Joists

- Heavier hardware for larger axial loads
- Requires the use of Simpson SD9 screws

* 160% LDF. VALUES FOR SG=.50. FOR SG OF .42, MULTIPLY VALUES BY .86