

## RedBuilt™ Parapet Design Solutions.

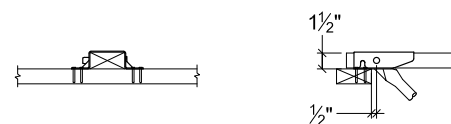
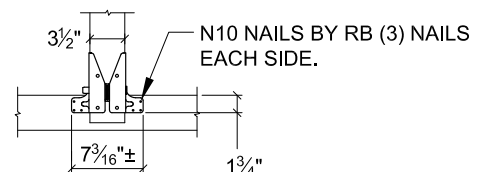
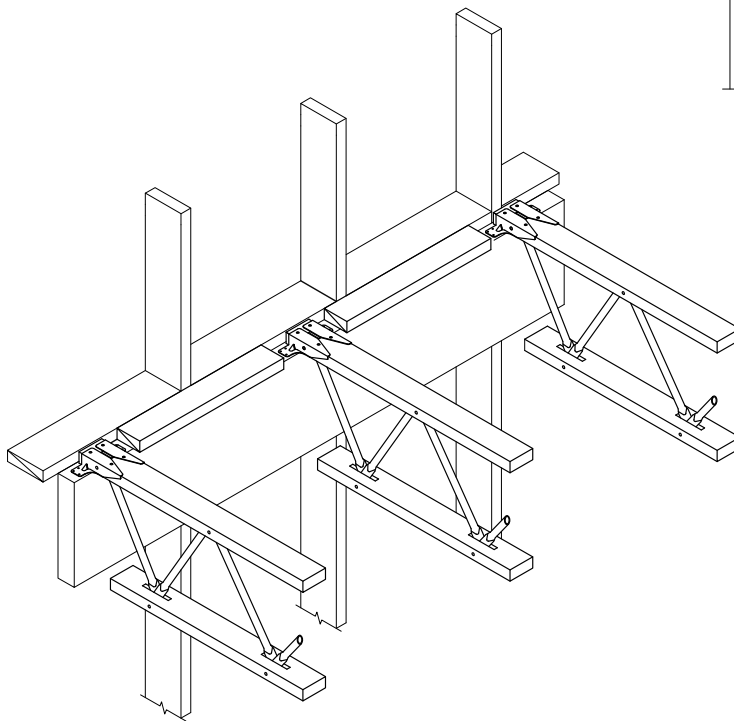
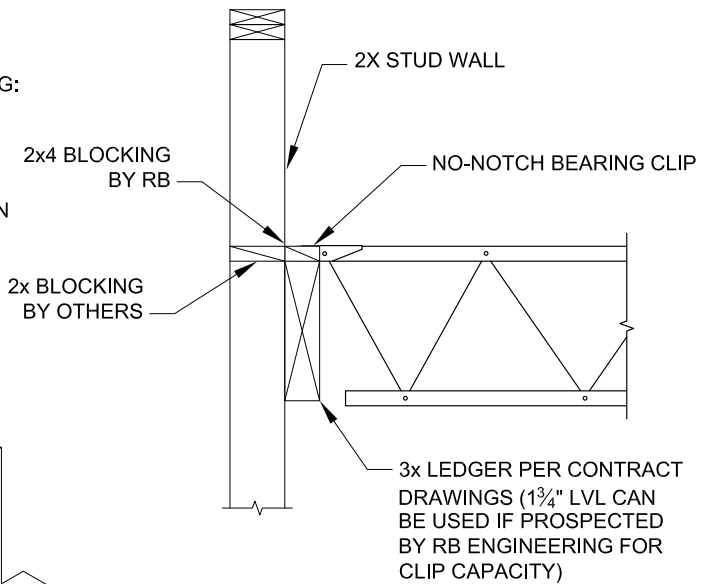
Following are RedBuilt's recommended solutions for constructing parapets without kickers.

### Balloon Framing

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

**ADVANTAGES COMPARED TO PLATFORM FRAMING:**

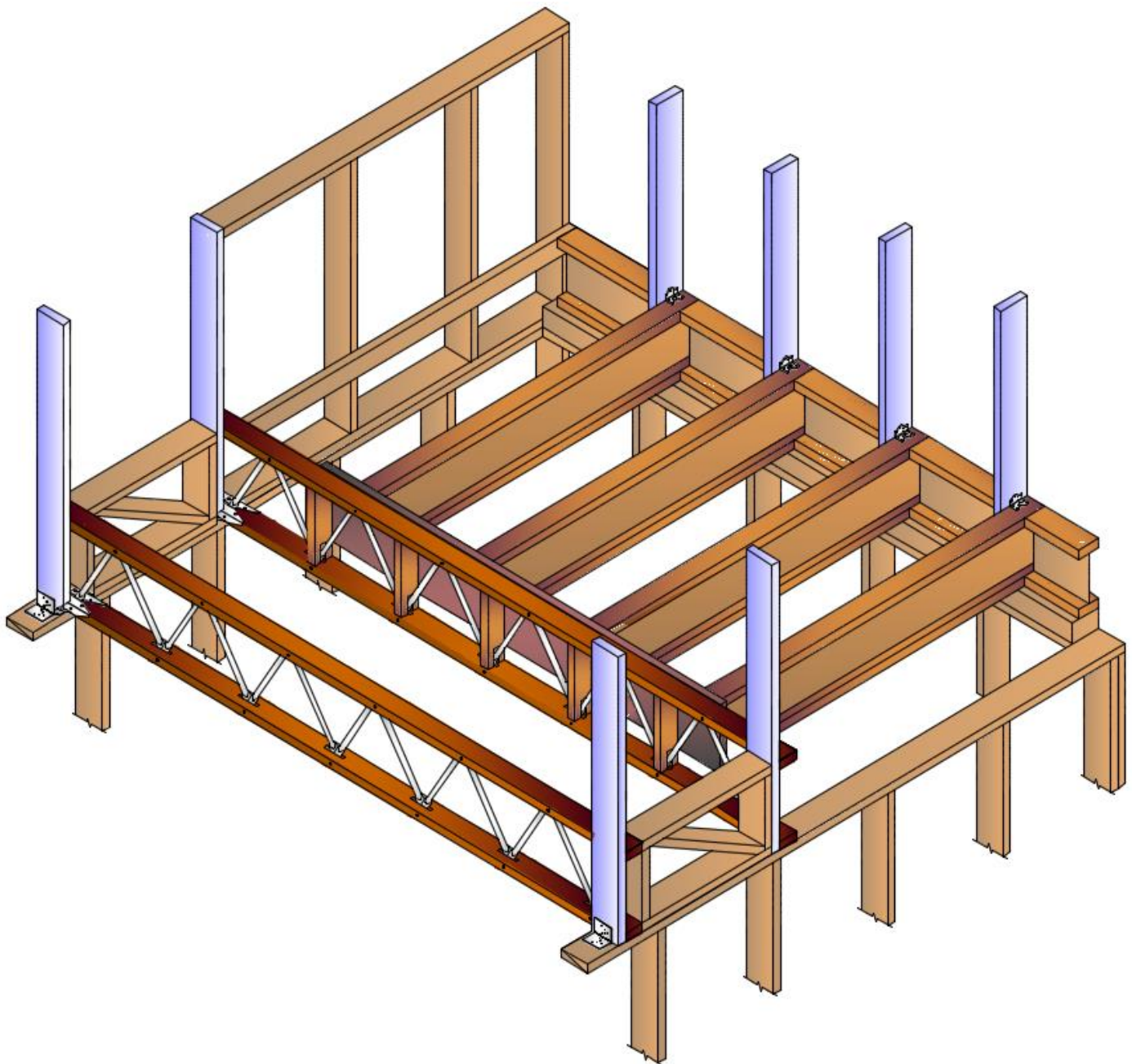
- WALL ASSEMBLY IS FAST AND CAN BE DONE PRIOR TO TILTING WALLS
- WALL LOADS ABOVE AND BELOW TRUSS CAN BE TRANSFERRED INTO DIAPHRAGM (USING STRAPS TO ELIMINATE LEDGER CROSS GRAIN TENSION)
- ALL WALL SIZES SUPPORTED, INCLUDING STEEL STUDS
- STRAIGHTFORWARD NON-BEARING / SIDE WALL SOLUTIONS



**RED-L "NO-NOTCH" CLIP  
TOP CHORD BEARING**

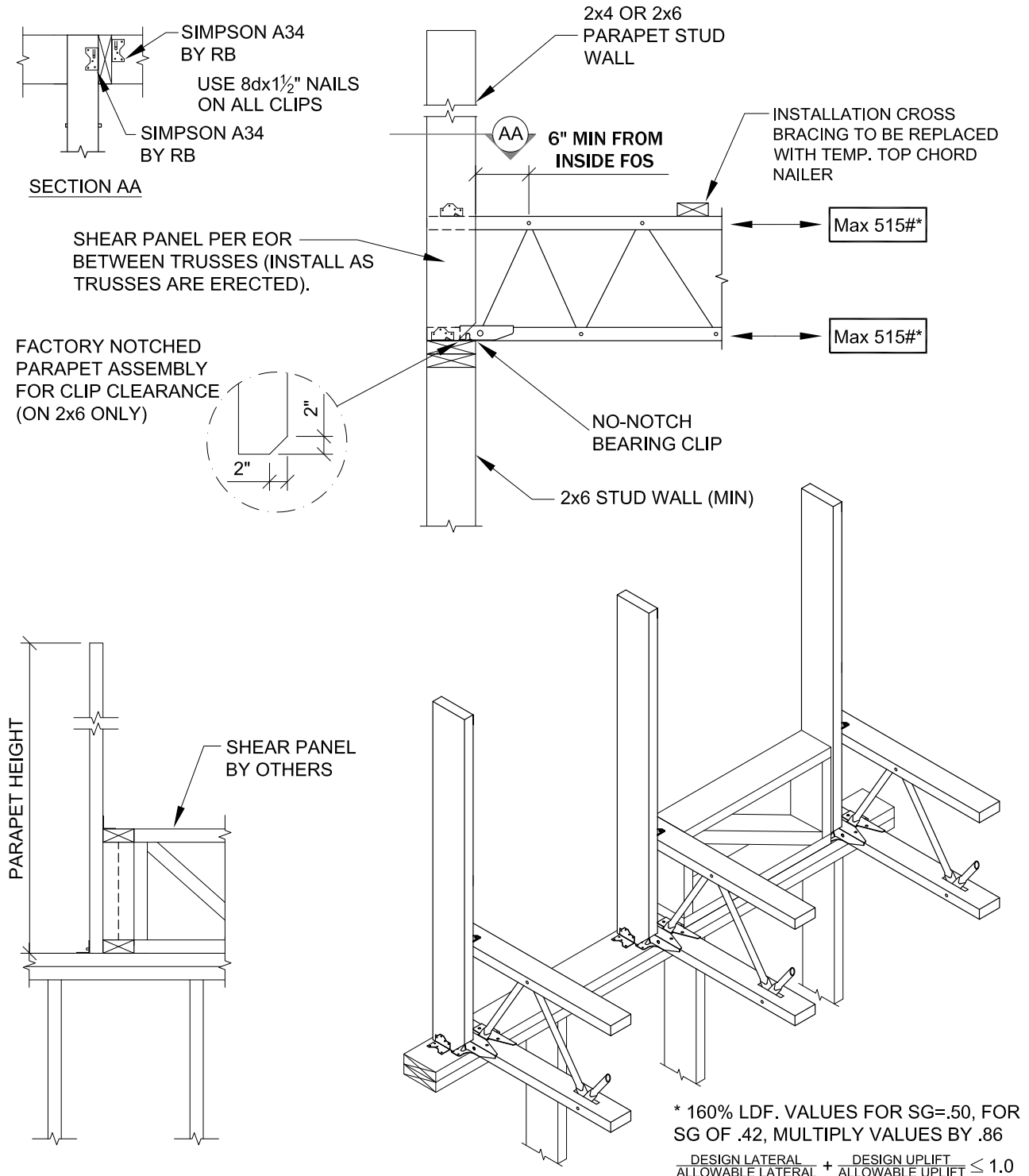
### Alternate Solutions

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.



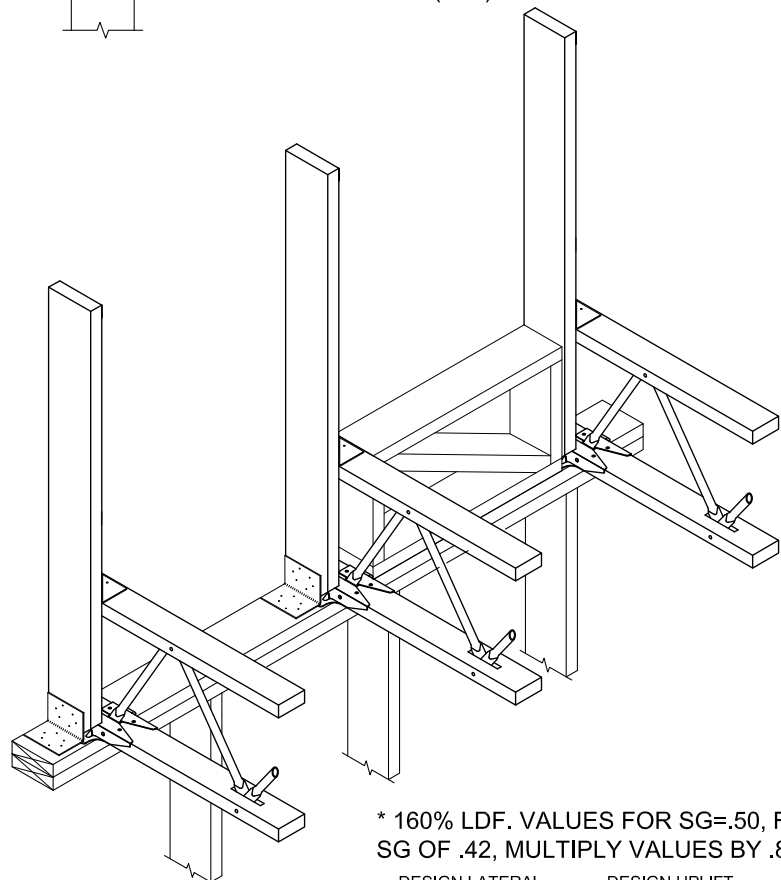
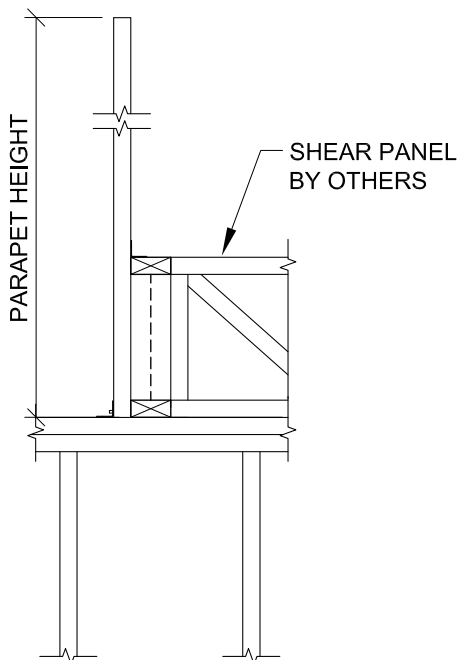
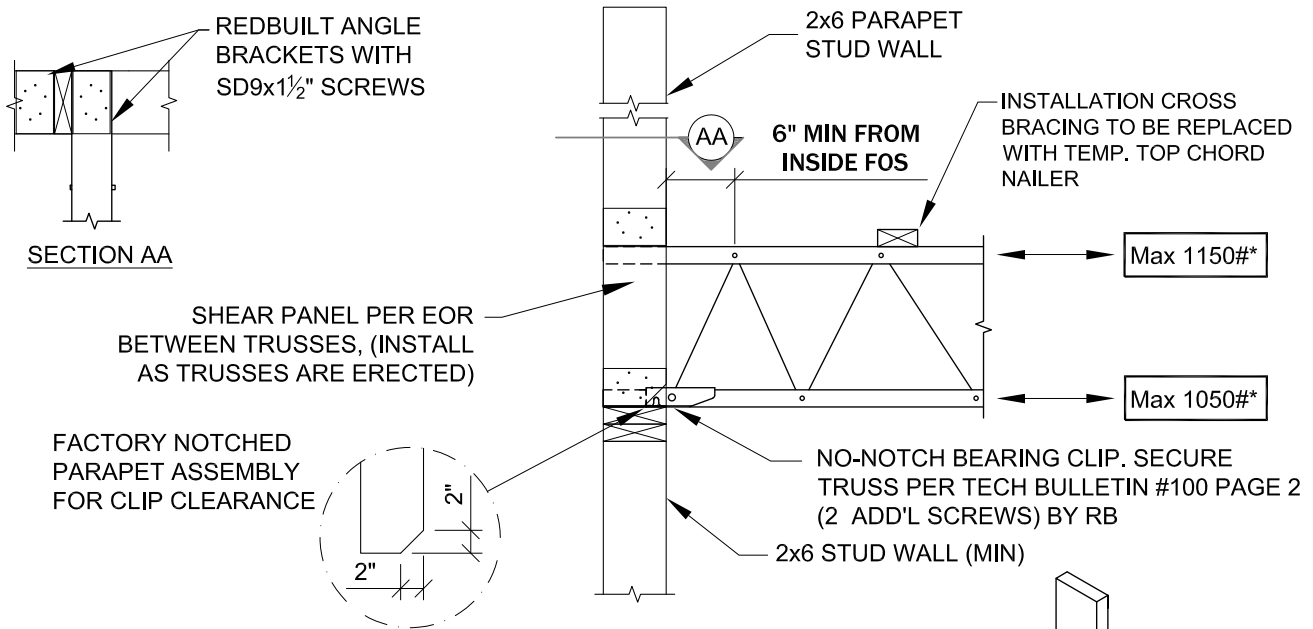
### Light Parapet Assembly for Red-L™ and RED-W™ Open-Web Trusses

- 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

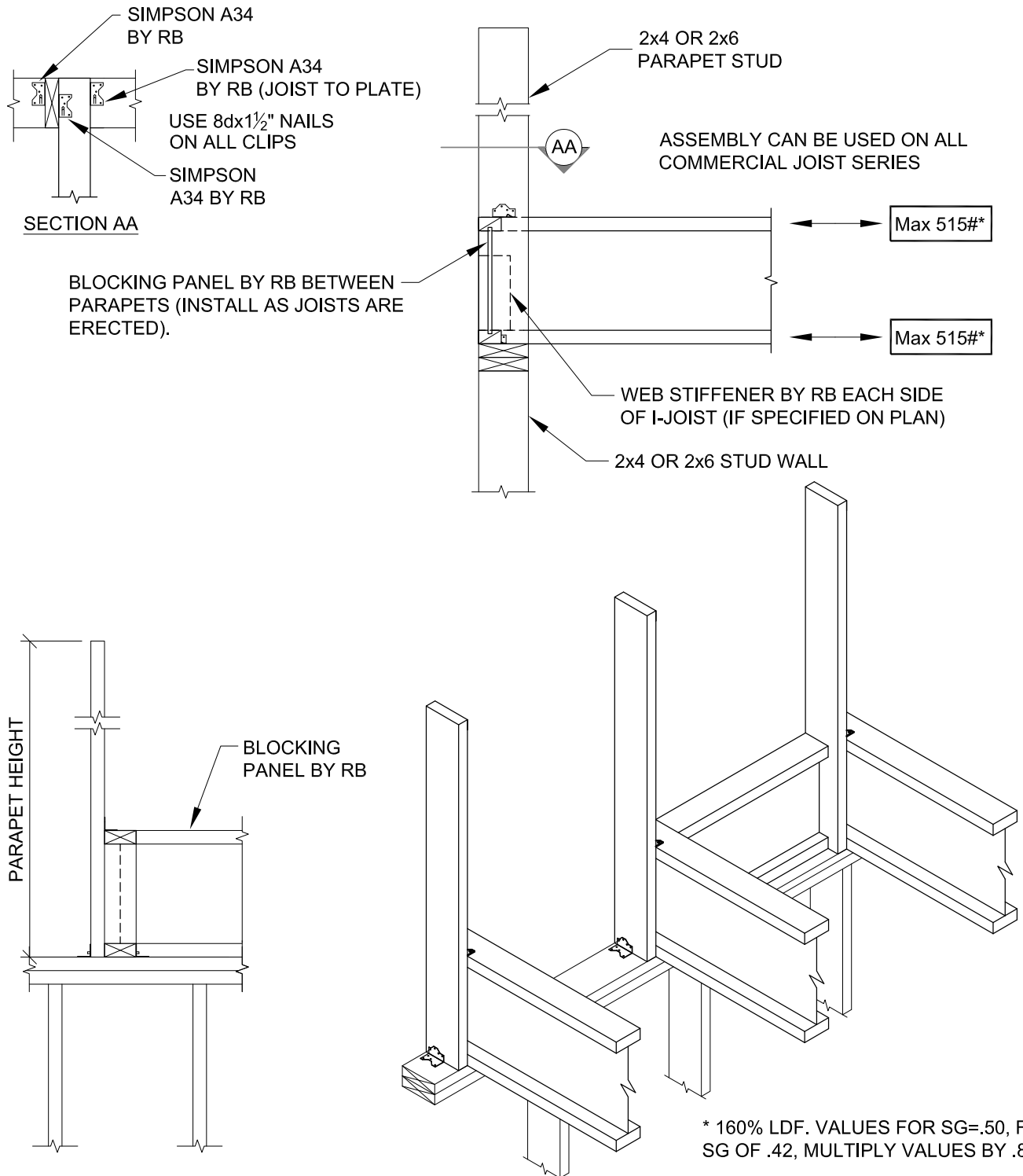


\* 160% LDF. VALUES FOR SG=.50, FOR SG OF .42, MULTIPLY VALUES BY .86

$$\frac{\text{DESIGN LATERAL}}{\text{ALLOWABLE LATERAL}} + \frac{\text{DESIGN UPLIFT}}{\text{ALLOWABLE UPLIFT}} \leq 1.0$$

### Light Parapet Assembly for Red-I™ Joists

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



## Heavy Parapet Assembly for Red-I™ Joists

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

### HEAVY PARAPET ASSEMBLY

