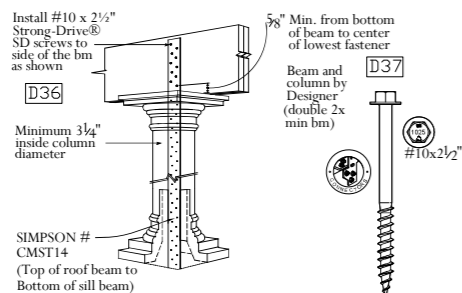
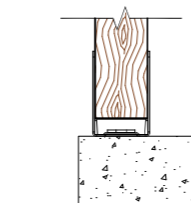


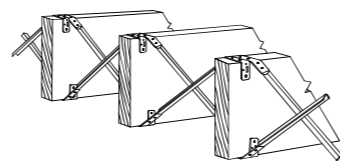
**ROOF PLAN**  
 CORRECT ROOF VENTILATION:  
 \*As a general rule, an square foot of net free vent area per 300 square feet of attic floor or area to be vented is recommended.  
 \*For a balanced system, ventilation should be equal at the soffits and ridge.  
 \*For a balanced system, always provide more than 50% of the total required ventilation at the soffits and the remainder at the upper portion of the roof.



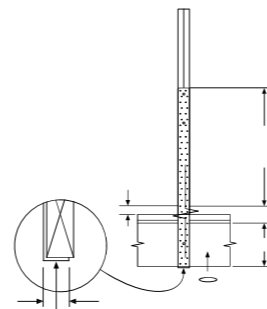
**HOLLOW POST CONNECTION**  
 SIMPSON # CMST18--Uplift Connector



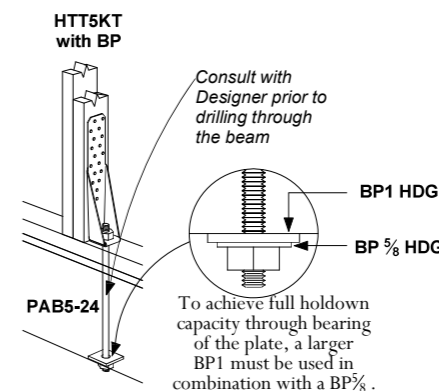
**UPLIFT & HOLD DOWN**  
 SIMPSON # ABU14



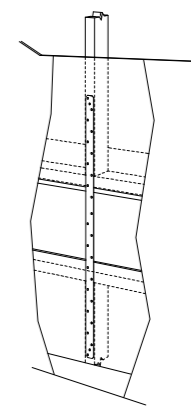
**FLOOR JOIST TO FLOOR JOIST**  
 SIMPSON # TB27--Bridging



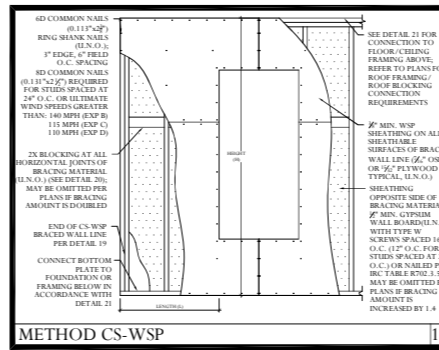
**CORNER WALL HOLD-DOWN**  
 SIMPSON # MSTC48B3Z--Uplift Connector  
 (SEE FLOOR PLANS FOR LOCATIONS)



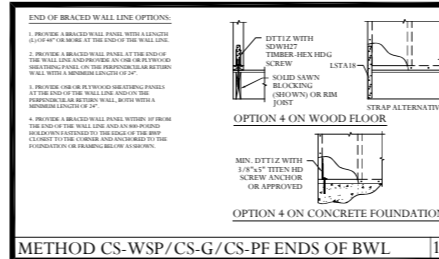
**INTERIOR CORNER HOLD-DOWN**  
 SIMPSON # HTT5KT--Uplift Connector  
 (SEE FLOOR PLANS FOR LOCATIONS)



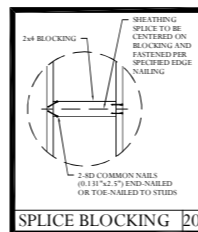
**EACH STUD FLOOR TO FLOOR STRAP**  
 SIMPSON # CS (36" LENGTH)--Uplift Connector  
 Fill the nail holes to the top stud before the roof is installed and then fill bottom stud nails after. **Note:** Rim joist nails are not required.



**METHOD CS-WSP** 16

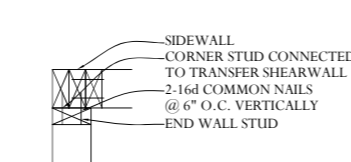


**METHOD CS-WSP/CS-G/CS-PF ENDS OF BWL** 19

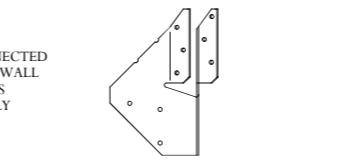


**SPLICE BLOCKING** 20

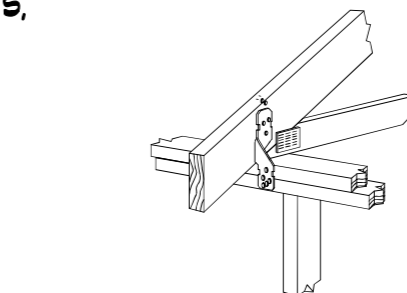
**NOTE:**  
 SEE ENGINEERING PLAN  
 FOR ALL STRUCTURAL FRAMING LAYOUTS,  
 DETAIL, & FOUNDATION ENGINEERING.



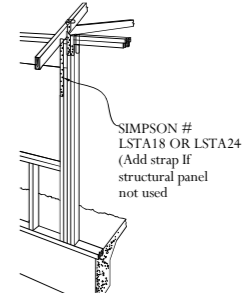
**TYP. WALL CORNER**



**HIP CORNER PLATE**  
 SIMPSON # HCP--Uplift Connector



**EACH RAFTER TO TOP PLATE**  
 SIMPSON # H8--Uplift Connector



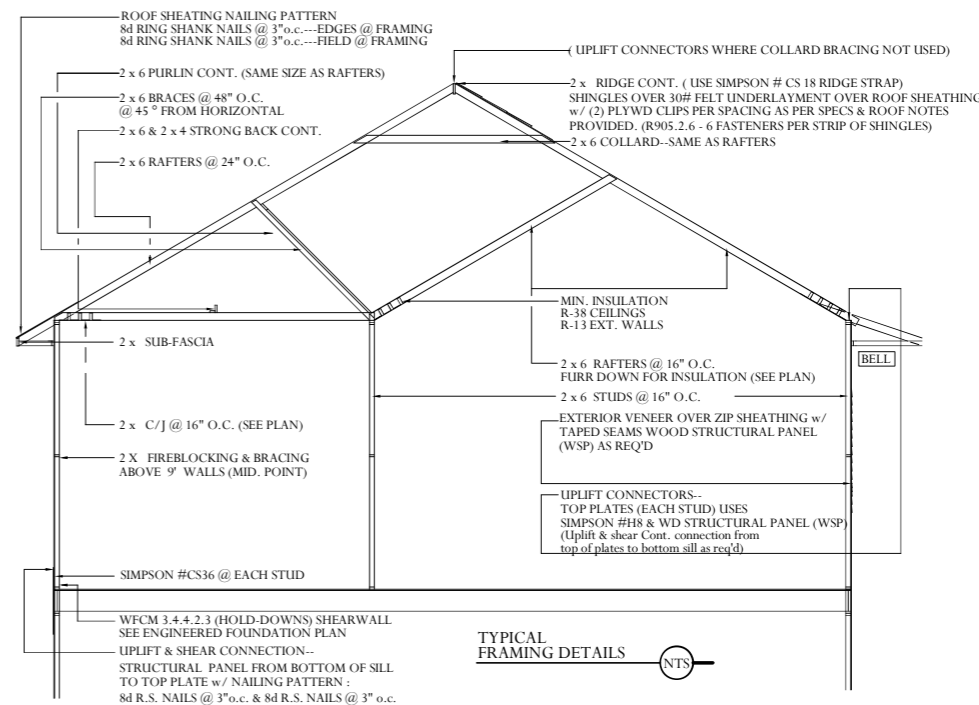
**TYP. HEADER ANCHORAGE**  
 SIMPSON # LSTA18 OR LSTA24--Uplift Connector

**WALL SHEATHING 7/16" REQUIRED FOR WIND LOAD (140mph) --EXPOSURE B**

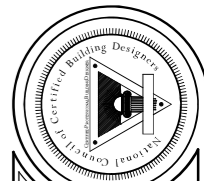
SHEATHING LOCATION	STUD SPACING	EDGES	FIELDS
INTERIOR ZONE	16" O.C.	3	3
PERIMETER EDGE ZONE	16" O.C.	3	3

**ROOF SHEATHING 15/32" REQUIRED FOR WIND LOAD (140mph) --EXPOSURE B**

SHEATHING LOCATION	RFTRS / TRUSS SPACING	EDGES	FIELDS
INTERIOR ZONE	16" O.C.	3	3
PERIMETER EDGE ZONE	16" O.C.	3	3



**TYPICAL FRAMING DETAILS** NTS



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LOGAN & MADALYN RUANO  
 LOT # 27, GRAND S/D (LAWRENCE ST)  
 ROOF PLAN & FRAMING DETAILS

DATE: 03/20/2026  
 STATE OF LOUISIANA  
 MARK A. RUANO  
 REGISTERED PROFESSIONAL ENGINEER  
 IN  
 MECHANICAL ENGINEERING

PLAN NUMBER:  
 26-4939

