

HIGH WIND RESISTANCE CONSTRUCTION GUIDE



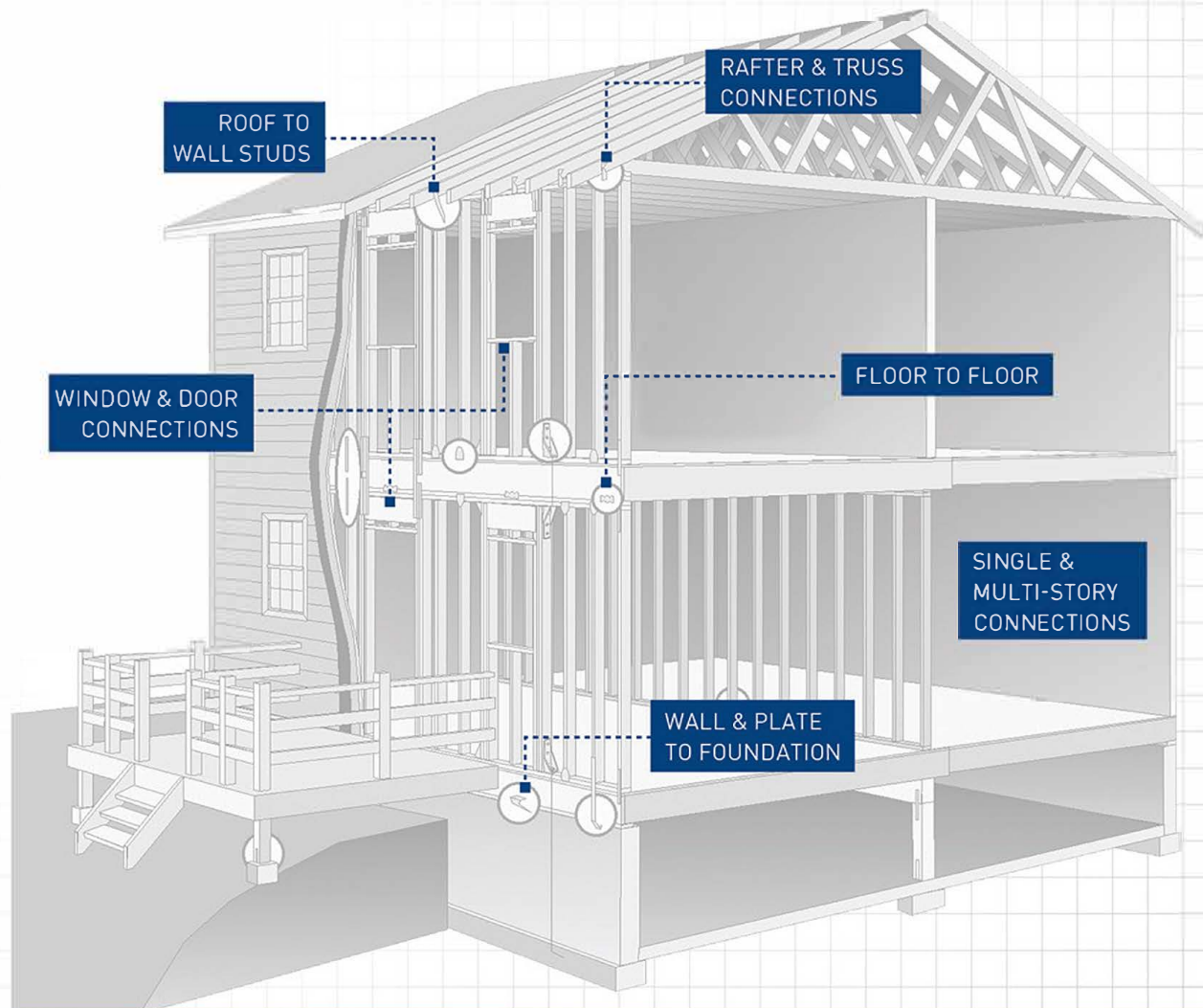
VALUES FOR DOUGLAS FIR – LARCH (DF)

Continuous Load Path

Research and field investigations have proven wood frame buildings fail at connection points.

Wood buildings can survive high wind loads when structurally rated and tested lumber connectors are used to develop a continuous load path, effectively transferring loads from roof to foundation.

This guide illustrates structurally-rated products manufactured by MiTek, to aid the designer in achieving continuous load paths. Refer to the **MiTek Product Catalog** or appropriate code evaluation reports for nail schedules, installations, and product information at MITek-US.com.



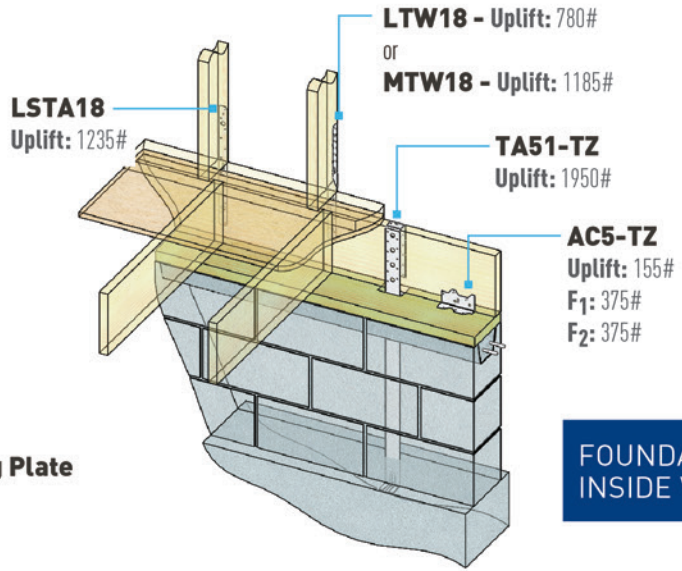
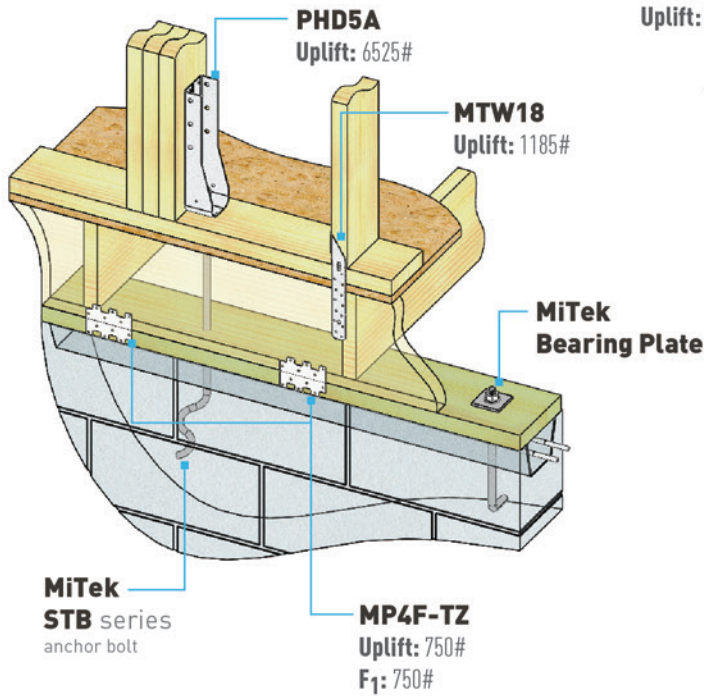
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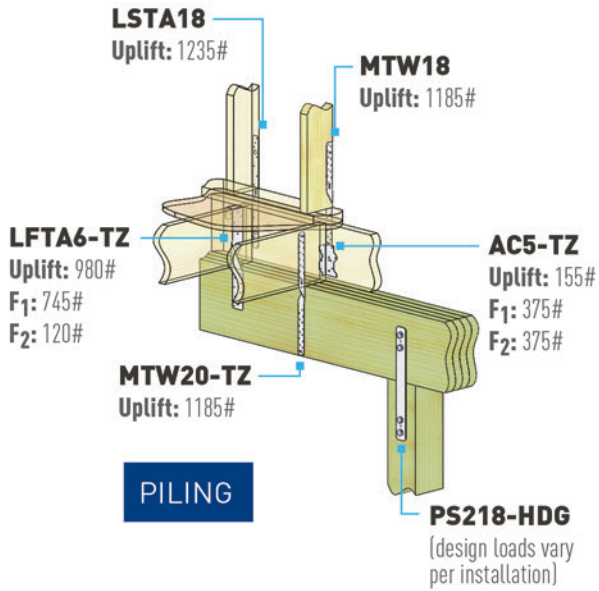
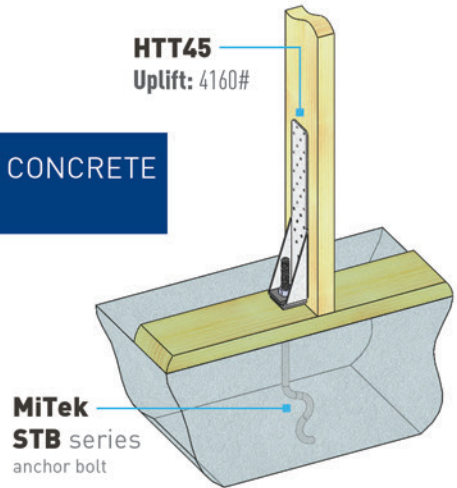
FOUNDATION CONNECTIONS

FOUNDATION OUTSIDE VIEW

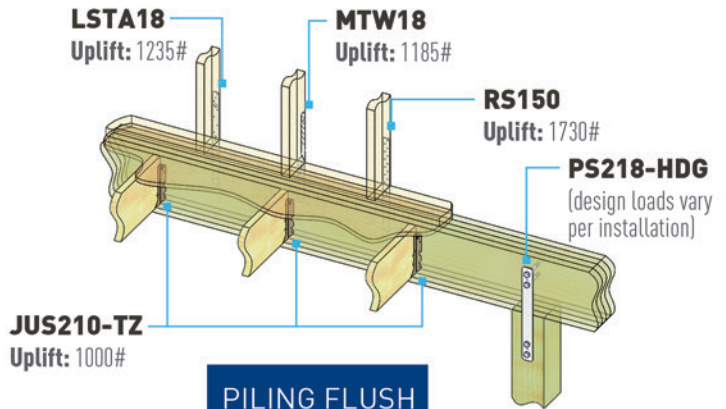


FOUNDATION INSIDE VIEW

MONO CONCRETE SLAB

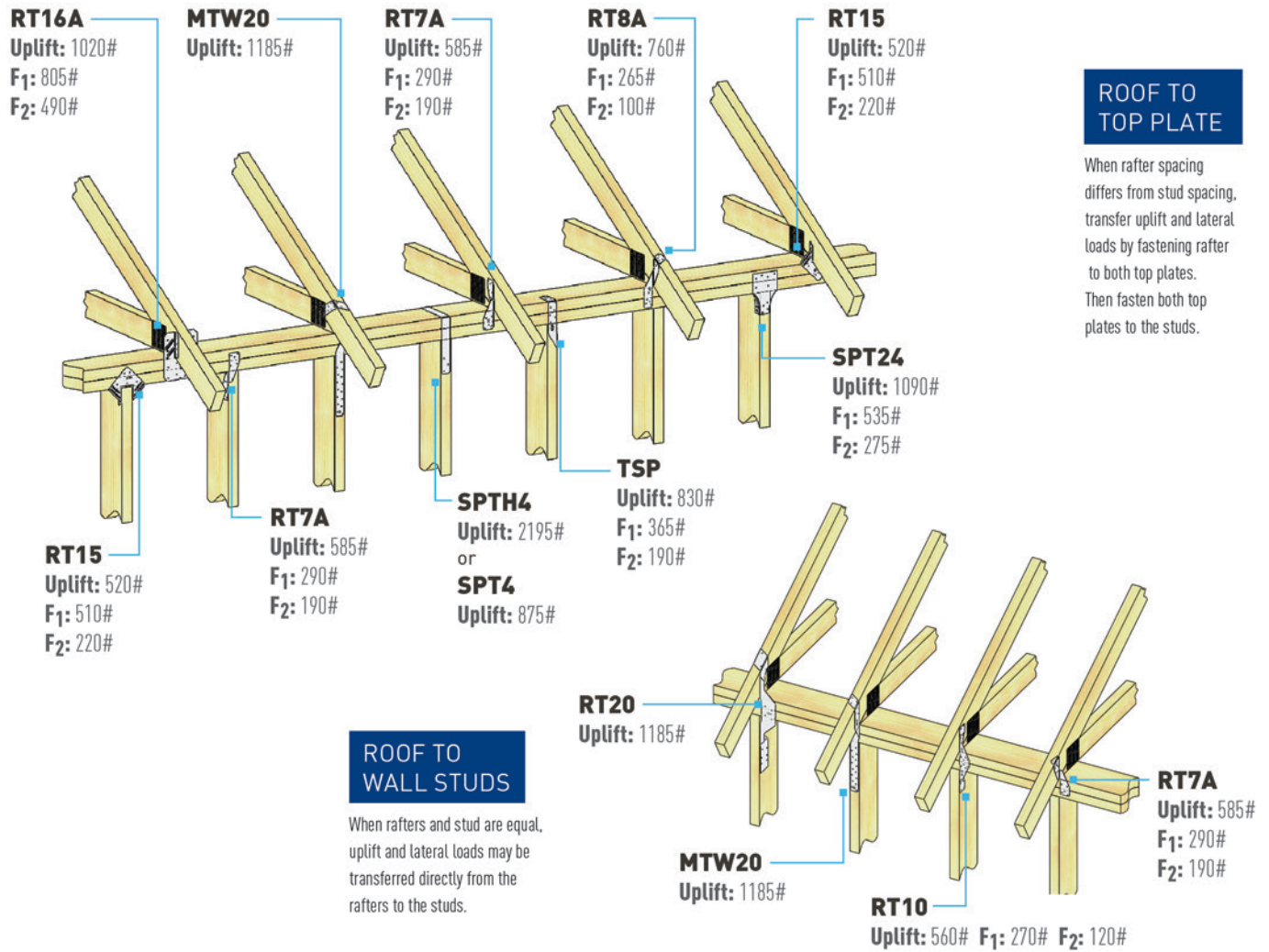


PILING

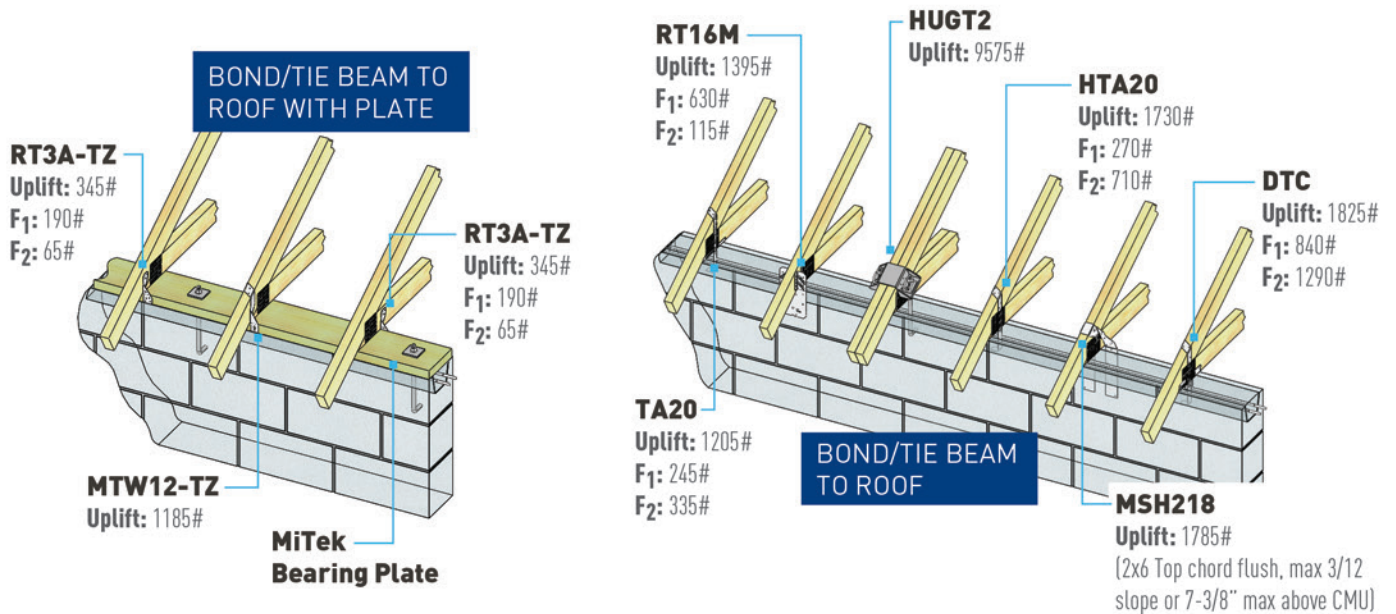


PILING FLUSH

RAFTER AND TRUSS CONNECTIONS

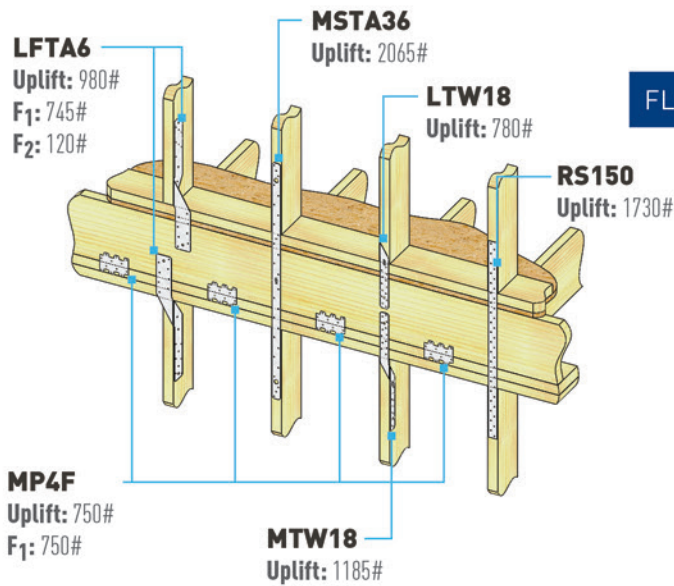


MASONRY WALLS TO RAFTER OR TRUSS

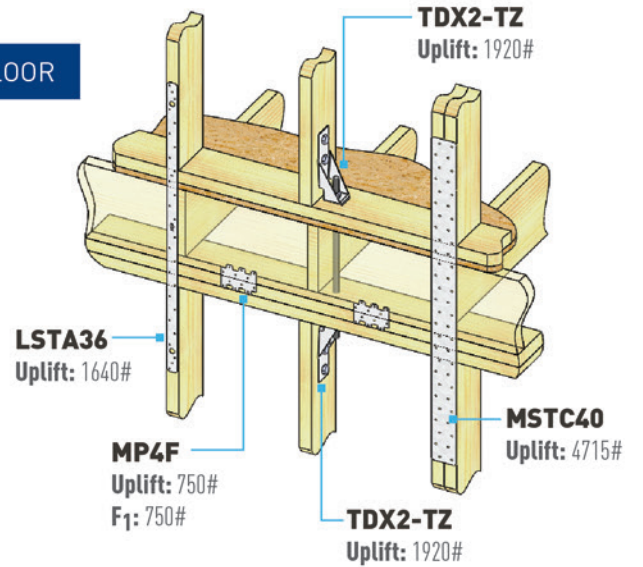


For fastener schedules, installation, and load information to masonry walls refer to MiTek's Masonry Application Technical Bulletins: Mitek-US.com/resources/product/technical-bulletins-masonry-application/

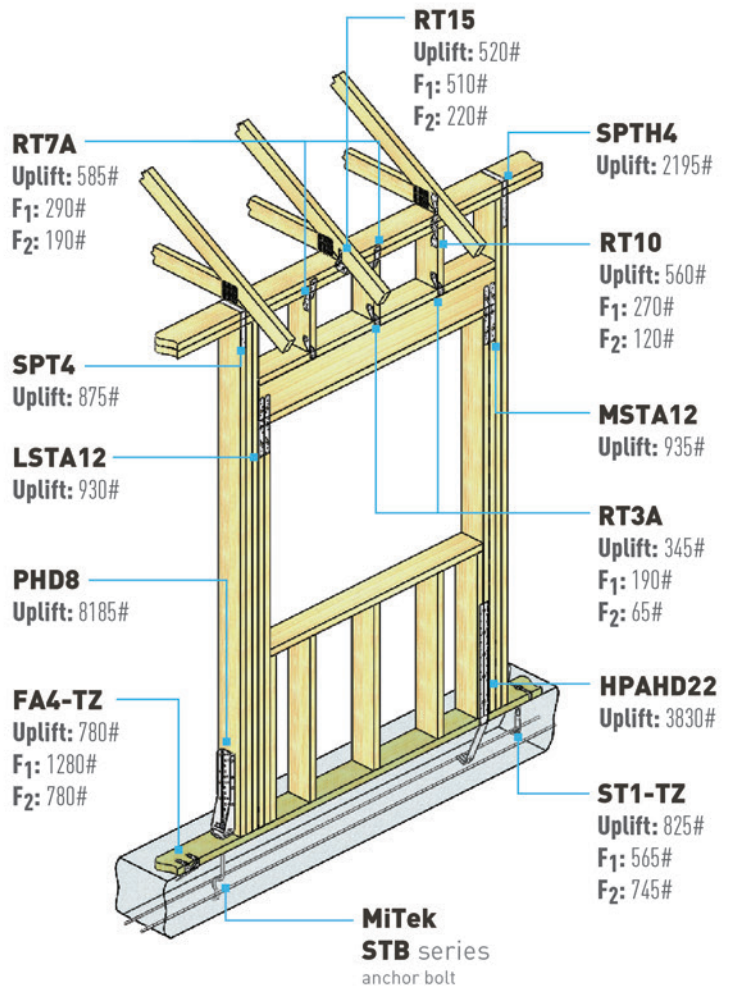
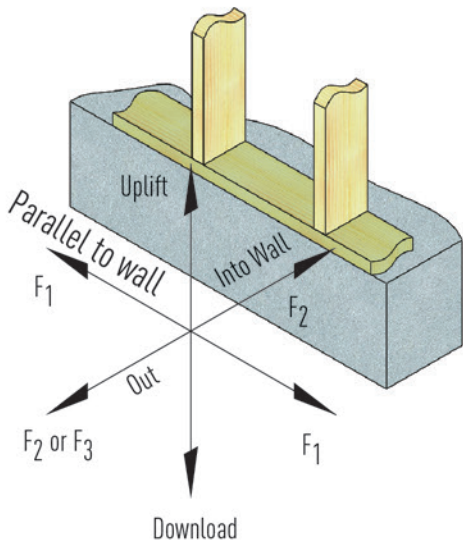
MULTI-STORY CONNECTIONS



FLOOR TO FLOOR

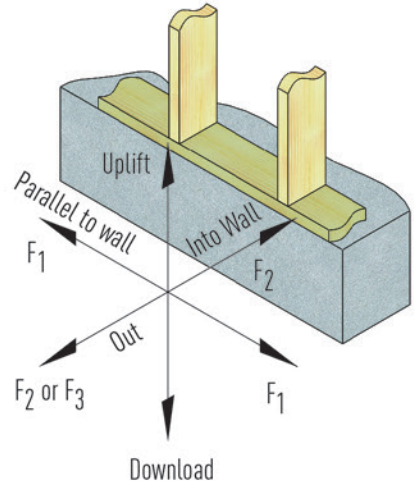
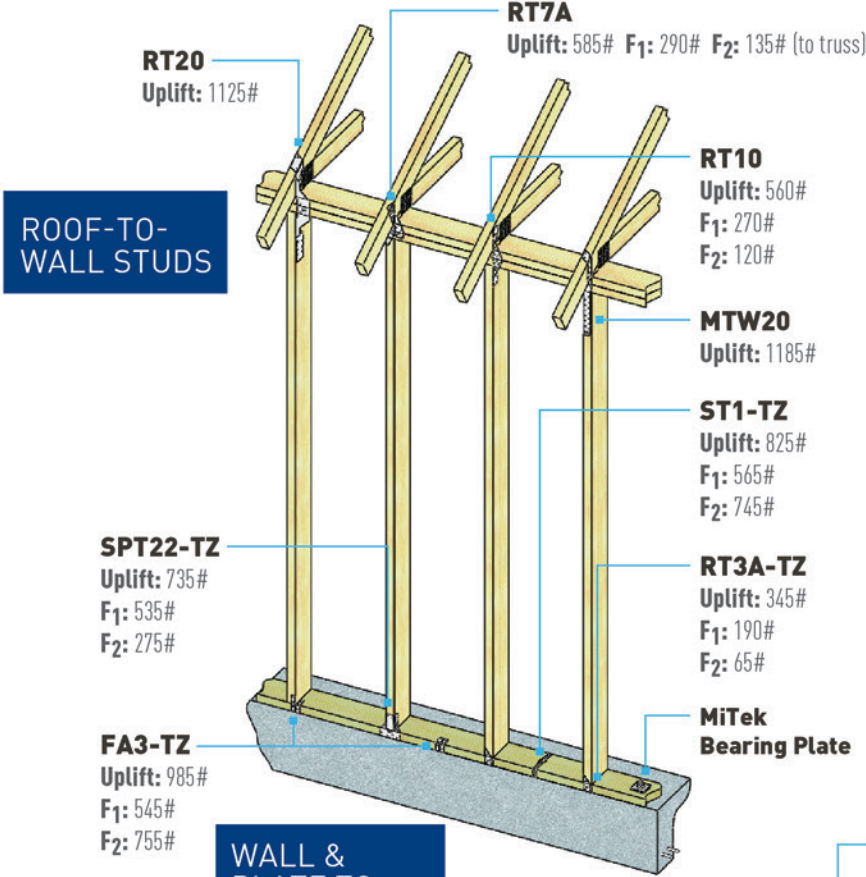


WINDOW AND DOOR OPENINGS



Refer to MiTek Product Catalog or appropriate code evaluation reports for fastener schedules, installation, and product information.

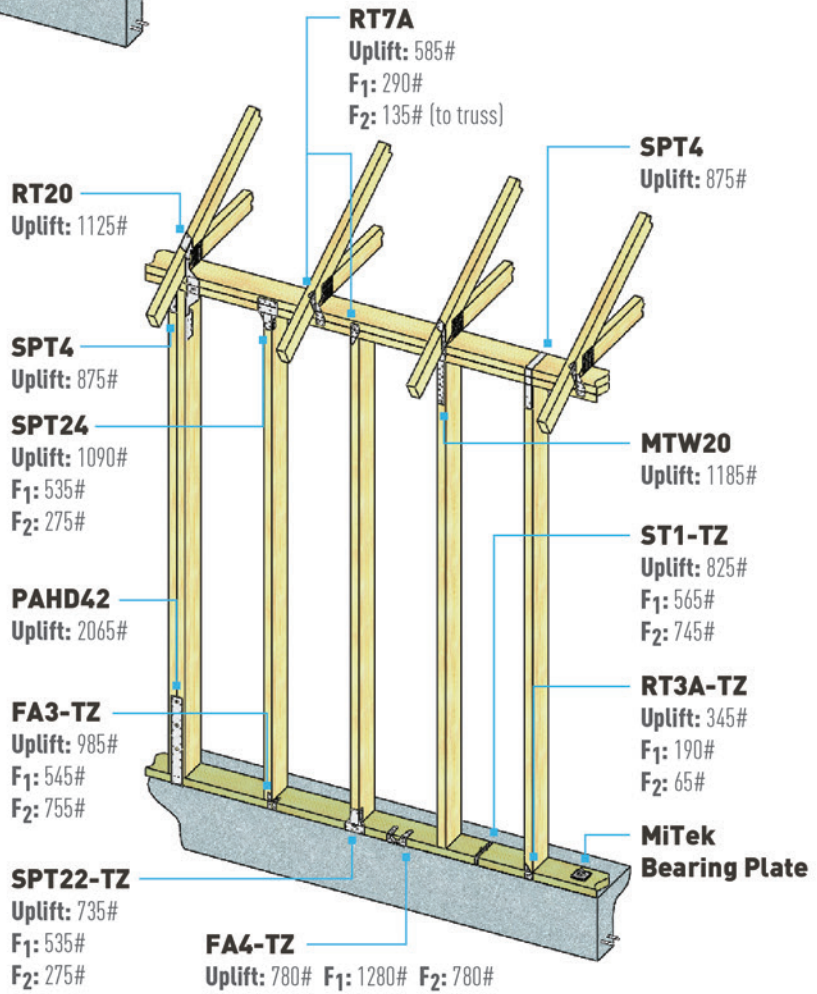
SINGLE-STORY WOOD FRAME (TO TRUSS)



WALL & PLATE TO FOUNDATION

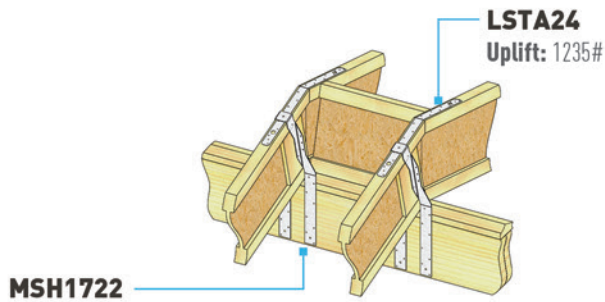
ROOF TO TOP PLATE & TOP PLATE TO WALL STUDS

WALL & PLATE TO FOUNDATION

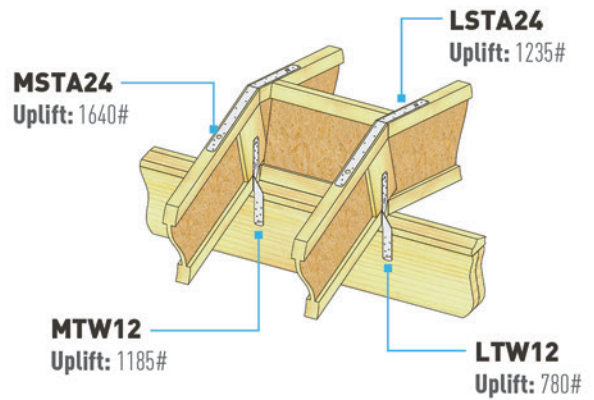


RAFTER TO PLATE OR RIDGE CONNECTIONS

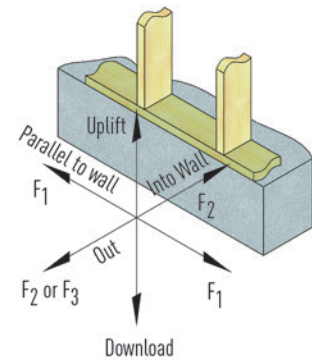
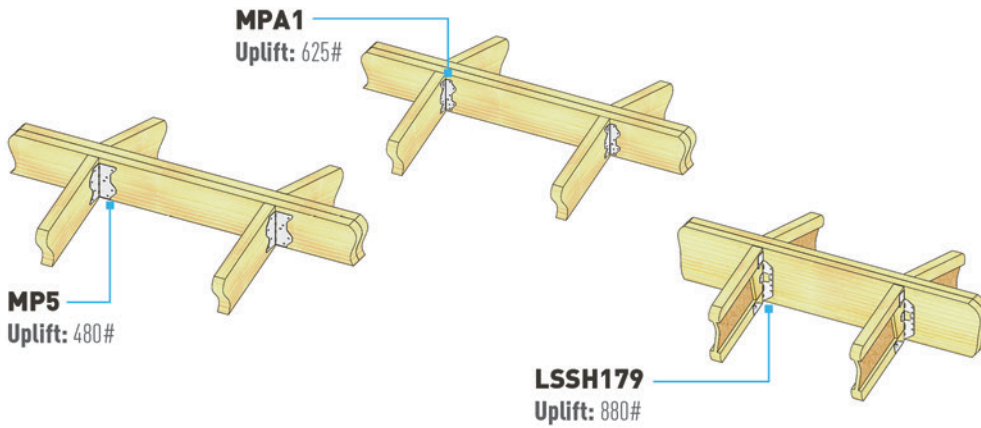
RIDGE RAFTER TIEDOWN



As shown for 1-3/4" wide joist.
A different MSH hanger may be required depending on rafter width.



RAFTER TO RIDGE BEAM



RAFTER-TO-WALL

