

# LIGHTWEIGHT STEEL FRAMING DETAILS JOISTS FOR FLOORS & ROOFS



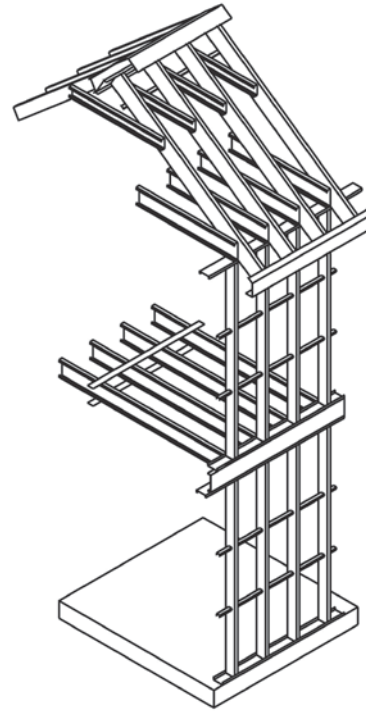
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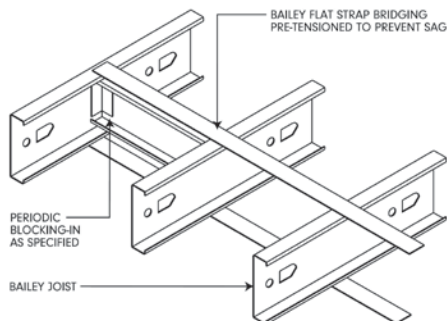
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Bailey Lightweight Steel Framing (LSF) Joists offer a wide range of span and load capabilities for commercial and residential floor systems and mezzanines. LSF Ceiling Joists and Rafter members can also be utilized for pitched, mansard, and flat roofs. The use of Bailey LSF Joist and Rafter members will provide support for interior drywall ceilings where long clear spans are required.

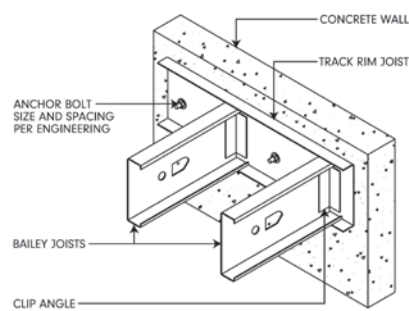


## FLOOR JOISTS

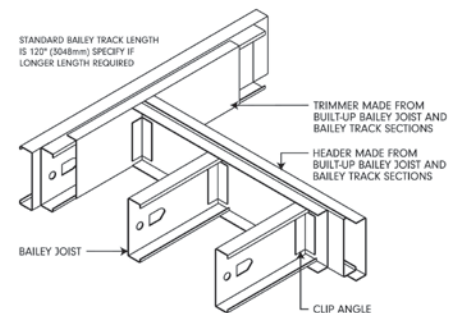
### FLOOR JOIST WITH BRIDGING AND BLOCKING



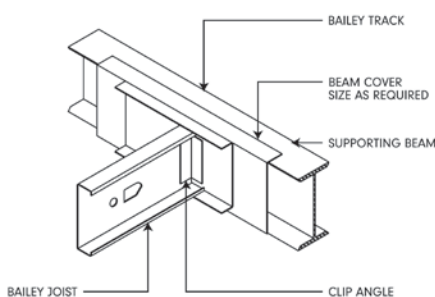
### FLOOR MOUNTED INSIDE CONCRETE WALL



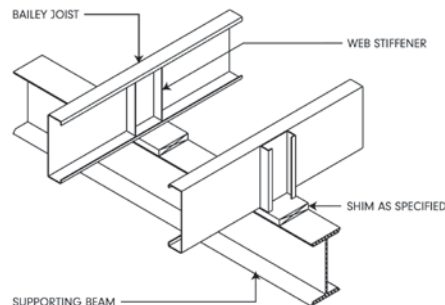
### OPENING IN FLOOR



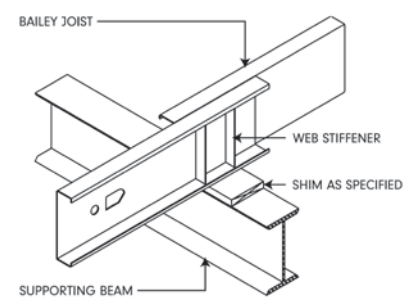
### FLUSH CONNECTION TO SUPPORTING BEAM



### JOISTS CONTINUOUS OVER SUPPORTING BEAM

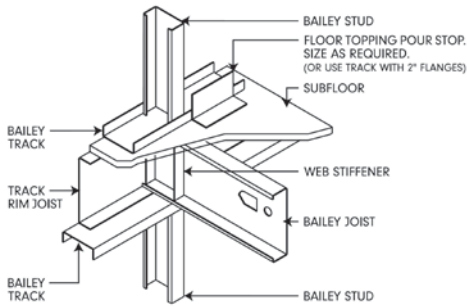


### JOISTS OVERLAPPING SUPPORTING BEAM

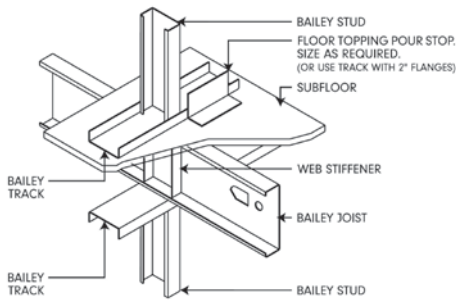


## FLOOR JOISTS

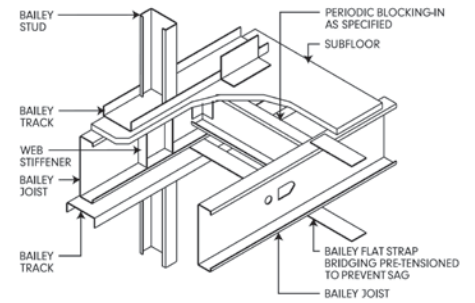
JOIST PERPENDICULAR TO PERIMETER



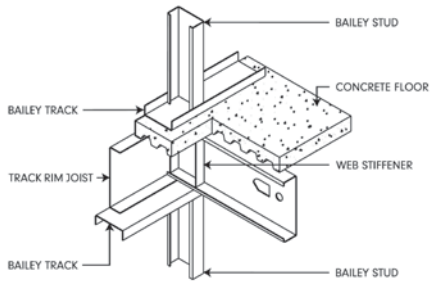
JOIST ABOVE LOADBEARING WALL



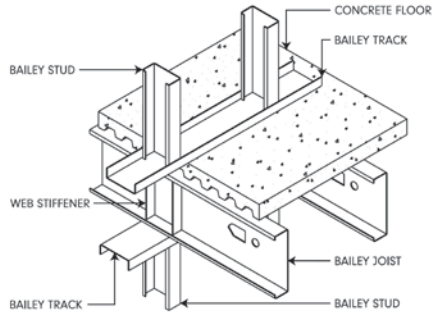
JOIST PARALLEL TO PERIMETER



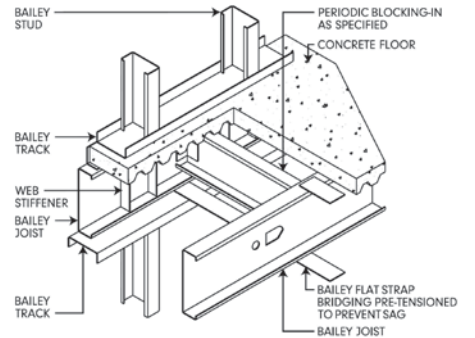
JOIST PERPENDICULAR TO PERIMETER



JOIST ABOVE LOADBEARING WALL

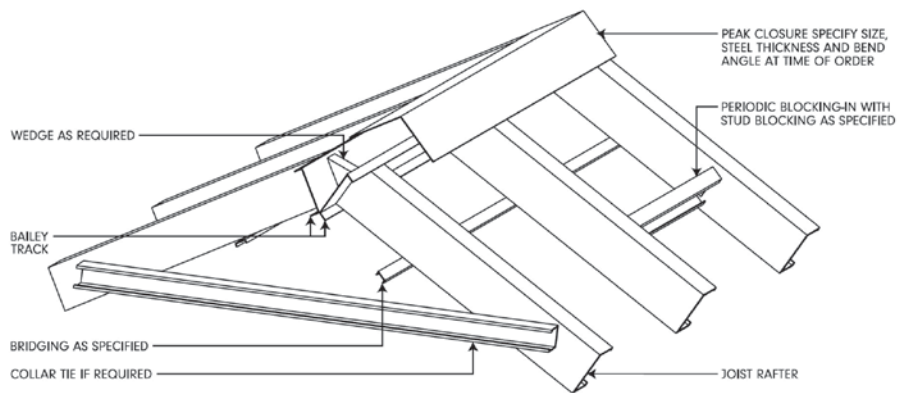


JOIST PARALLEL TO PERIMETER

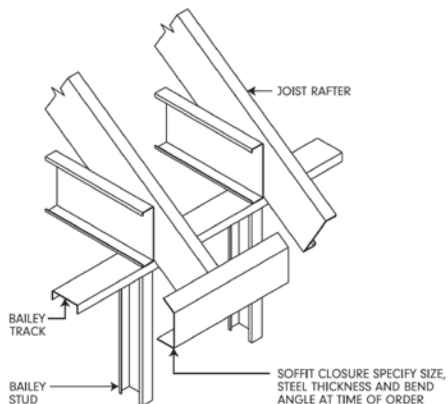


## ROOF JOISTS

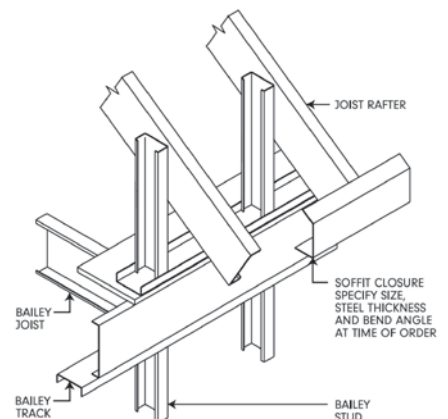
RAFTER AT PEAK



RAFTER AT PERIMETER WALL



RAFTER AT PERIMETER WALL

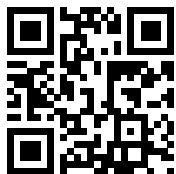


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