

Design Principles and Special Topics of the 2020 Minnesota Residential Code

Timed outline

8:00-8:30	Introduction and seminar outline
8:30-9:15	IRC chapter 3 design loads and load path
9:15-9:30	IRC 302 Fire Separation Distance
9:30-9:45	Break
9:45-10:15	Safety Glazing
10:15-11:30	Means of egress <ul style="list-style-type: none">• Stairways• Landings• Handrail• Guardrail and Guards
11:30-12:30	Lunch
12:30-1:15	Application of Braced Wall Panels
1:15-1:45	Detail analysis of reading and interpreting roof truss engineered drawings <ul style="list-style-type: none">o Terminologyo Determine different loads.o Bearing requirementso Uplift with hanger and fastener configurations
1:45-2:30	• Beam and header calculation and design Simple formula for determining load Using the code as well as LVL charts for correctly sizing beams and header
2:30-2:45	Break
2:45-3:45	Foundation insulation Requirements and options
3:45-4:00	summary Q&A