Panelized Roofs
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• Generally seen on large tilt up buildings
• Lightweight
• Prone to leaking
• May be supported by internal steel columns
• Commonly have skylights
Components of a Panelized Roof

- Beams
- Purlins
- Rafters
- Plywood decking
Components
Components

Beam

← Purlin 8 feet →
← Rafter →
← Rafter →
← Rafter →
← Rafter →
← Rafter →
← Rafter →

← Rafter →
← Rafter →
← Rafter →
← Rafter →
← Rafter →
← Rafter →
← Rafter →

← Purlin 8 feet →
← Beam →
Laddering 8’ from corner
50/50 chance of hitting a Purlin
Inside View