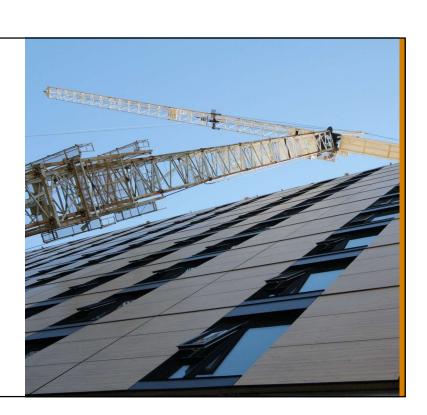
FEBRUARY 11, 2020

Mass Timber Enclosure Overview

Colin Shane | M.Eng., P.Eng., P.E. Principal, Building Science Specialist



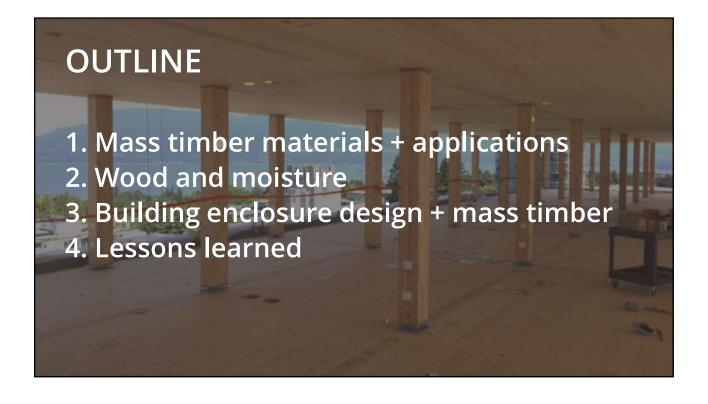


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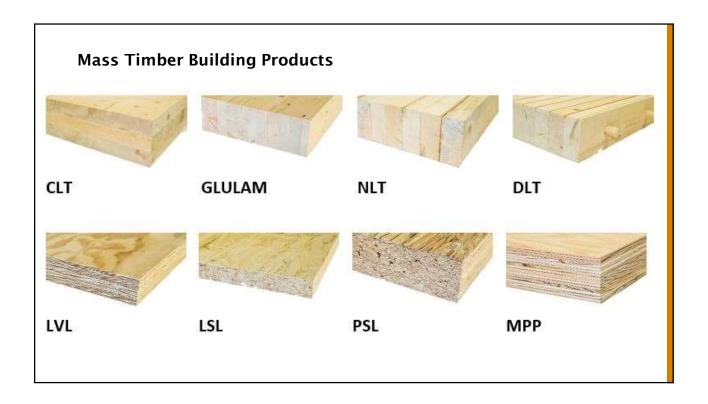
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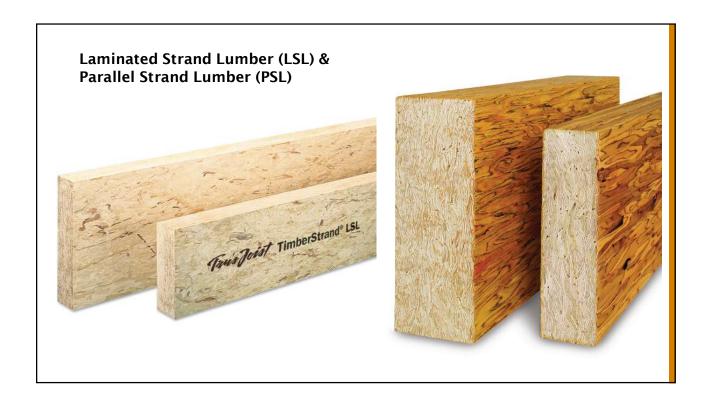










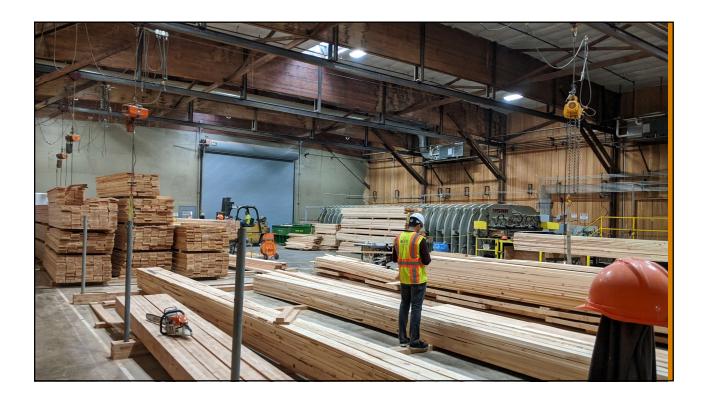






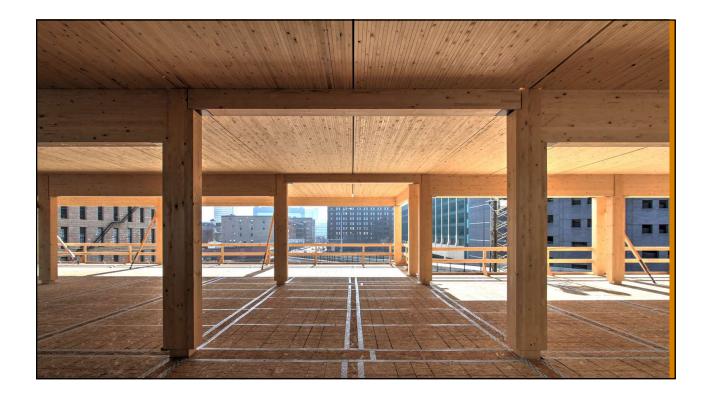










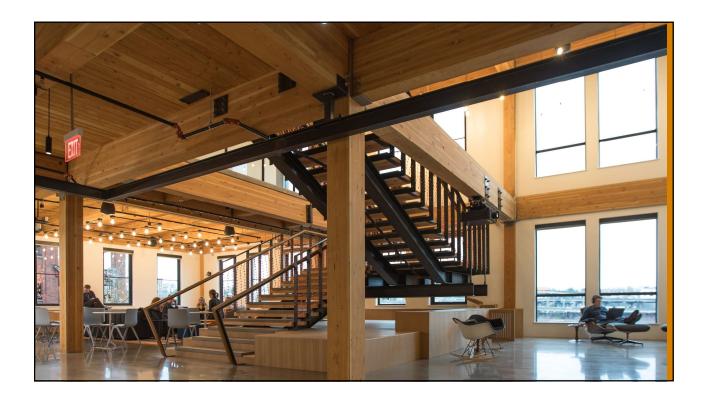








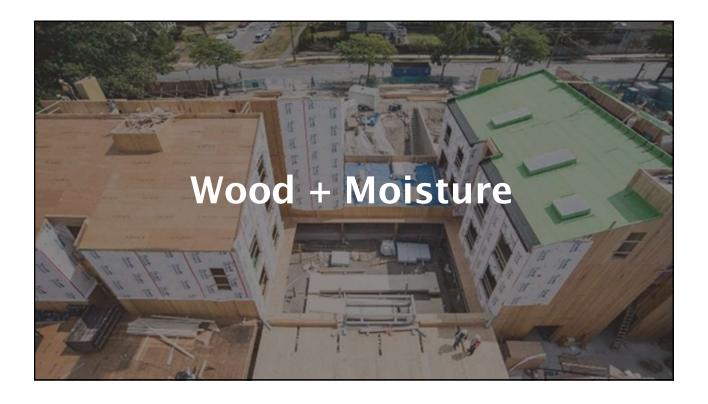


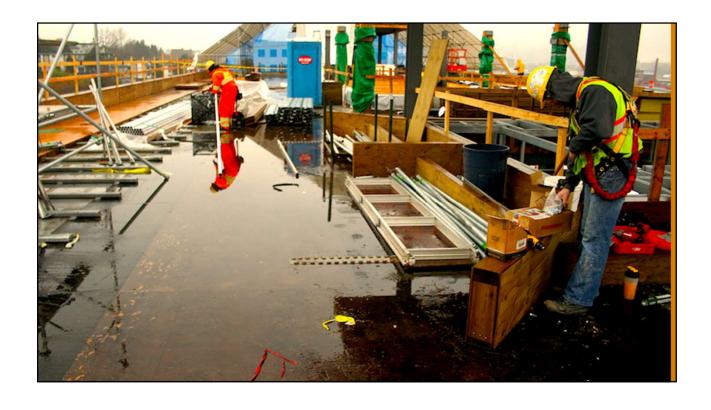








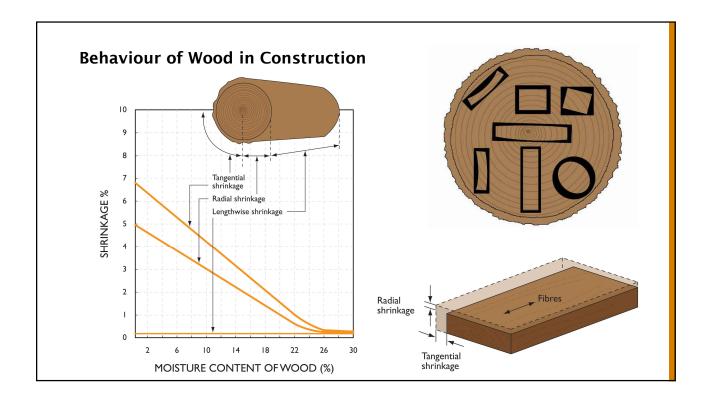


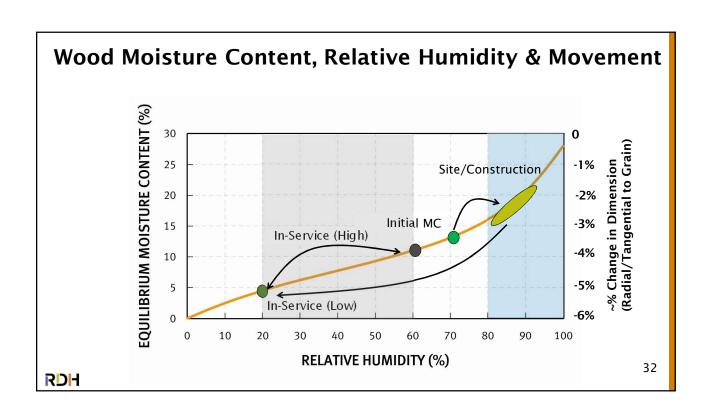




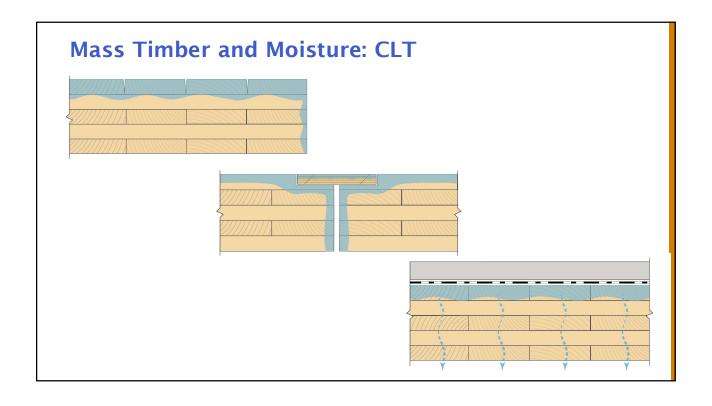




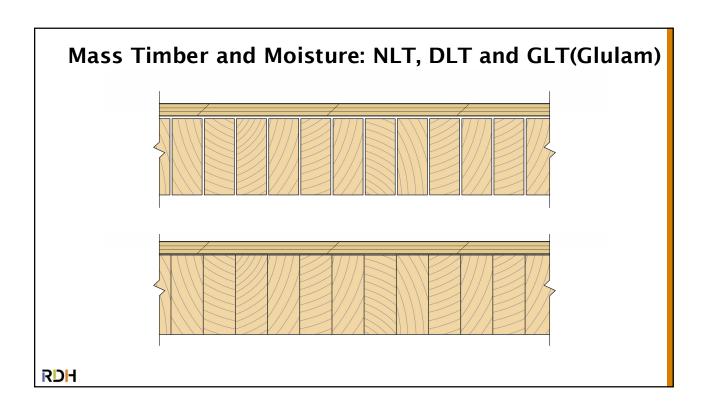


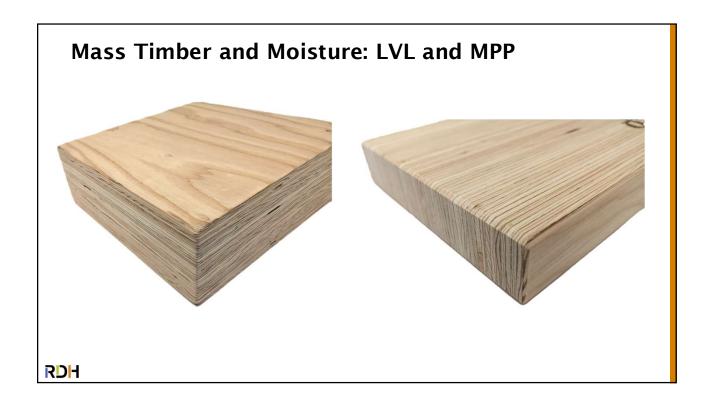












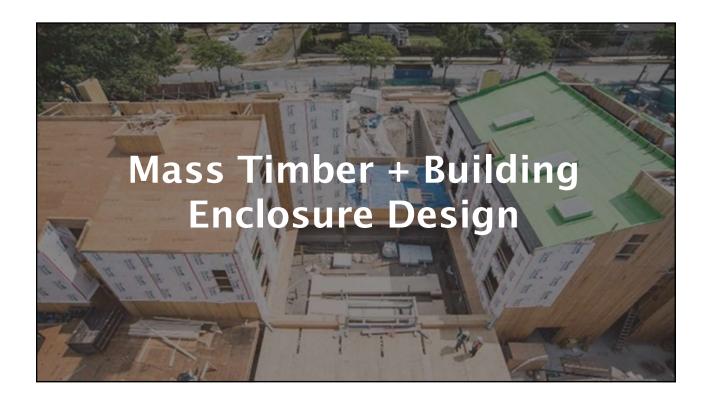


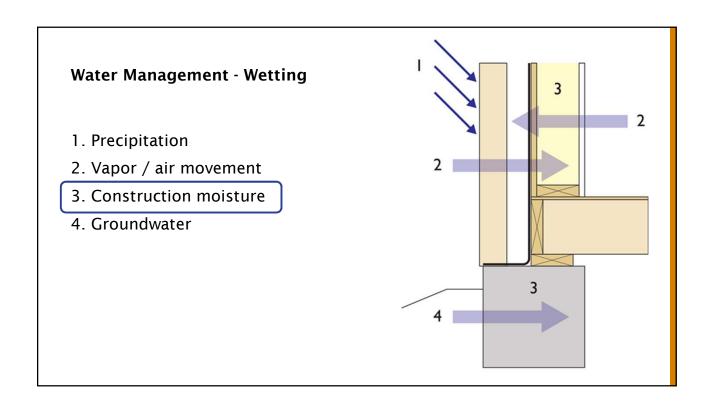


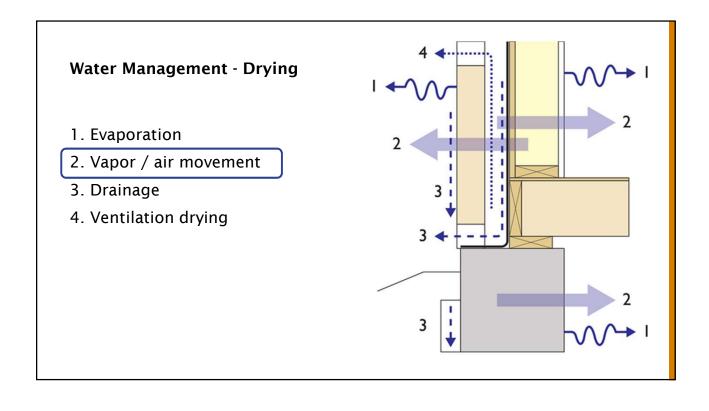
Managing Movement

- Critical to consider vertical displacement differences between different vertical elements
 - → Floors and columns
 - → Core elements
 - → Façade elements
- Minimize magnitude of differential movements that need to be accommodated
 - Keep wood dry, watch saturation of floor framing during construction
 - Remove floor framing from the vertical load path









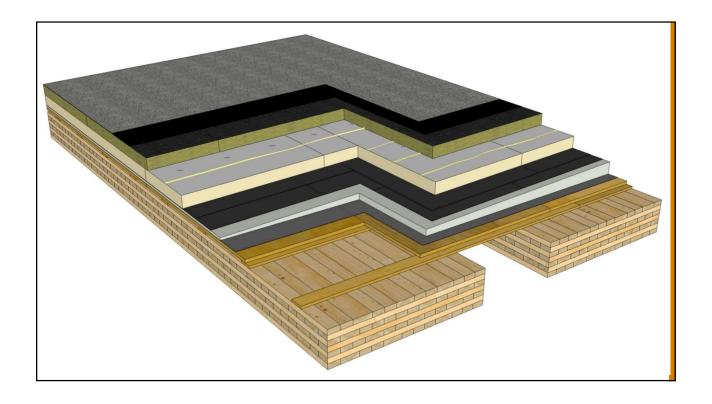


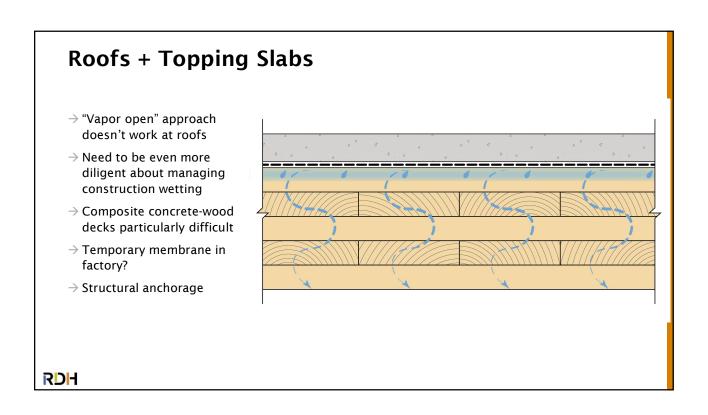












Discussion + Questions

cshane@rdh.com

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