Demystifying Deconstruction

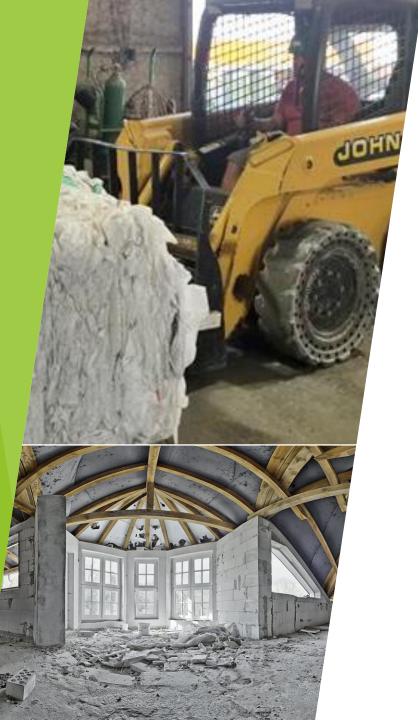
Building Infrastructure To Meet Growing Industry

Demand

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Current Process: Where are we now?

- ▶ Design □ Construction □ Demolition □ Waste
 - "Business as Usual" commingled waste
- Why not deconstruct?
 - ► Lack of experience
 - Ignorance of benefits
- Why not reuse?
 - Risk adverse industry
 - ▶ Where does the material go?
- Material Storage Space
 - Contractor storage
 - Attic stock
- Material Storage Technology
 - Specific vendors, sporadic approaches



The End Goal: Where do we need to be?

- Demolition... Deconstruction
 - Demolition contractors trained in deconstruction
 - Materials reused first, recycled second
 - ► Takeback program utilization
 - Partnerships in process
 - Municipal requirements/ordinances
- Robust Reuse Vendor Ecosystem
 - ► Non-profits utilizing commercial goods
 - Gov't assistance
 - ► Technology enabled search, sell, purchase
- Location Specific Resources
 - Reuse materials regionally
 - Local/community focused



Reuse Infrastructure: How do we get there?

- Collaboration and Innovation
- Designers
 - ▶ Design for deconstruction, specify reuse
- Owners
 - Utilize space, require best practices
- Contractors
 - ► Educate subcontractors, embrace innovation
- C+D Waste Haulers
 - Become the critical link, generate data
- Non-Profits
 - Consider commercial materials, embrace technology
- Municipalities
 - Pilot ordinances, incentivize change, partner with community

Learning More - Resources/Information

- Resources:
 - ► <u>All For Reuse</u> National material reuse advocacy and networking non-profit
 - <u>Boston Building Resources</u> Boston regional material reuse and education nonprofit
 - <u>Build Reuse</u> National non-profit for building and material reuse
- CLF-Boston Deconstruction and Reuse Group clfbostonreuse@gmail.com
 - ► Boston Deconstruction and Reuse Roadmap
- Michael Orbank Michael.Orbank@StructureTone.com













