

Demystifying Deconstruction

Building Infrastructure To Meet Growing Industry
Demand

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STRUCTURE TONE

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:
 - ▶ [All For Reuse](#) - National material reuse advocacy and networking non-profit
 - ▶ [Boston Building Resources](#) - Boston regional material reuse and education non-profit
 - ▶ [Build Reuse](#) - 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

