

Communications Foibles and Faults

BROUGHT TO YOU BY:



Communication



- ▶ Required
 - Vertical and Horizontal

Often absent

▶ More barriers than pathways

Building is NOT a system



- Electricians, plumbers can't get CEUs for building science courses
 - ▶ Code only

- No forum to promote integrated best practices across trades
 - ▶ No common goal, no common language

Training Miscommunications



- ▶ Inconsistencies/misconceptions/misinformation
 - ▶ Examples
 - ▶ Vapor barriers/retarders
 - ▶ Diffusion/convection
 - ▶ Threats, Implications, Solutions
 - Crawlspace ventilation
 - ▶ Moisture control
 - ▶ Etc.
- Problems at level of trainers, building professionals, designers, contractors, etc.

Everyone gets a trophy and everyone is a Building Scientist



▶ Park Service Historical Building Consultants

Communicate with Building Official



Alternatives to (bad) code might be best practices

▶ Ex.

▶ Best practices in crawlspace ventilation/non-ventilation

▶ Moisture control in wall assemblies in wet climates

Owner Advocates



- Who is looking out for the stakeholder?
 - ▶ Usually no one.

- ▶ Who is communicating?
 - ► None? Some? Few? All?

▶ Who is accountable?

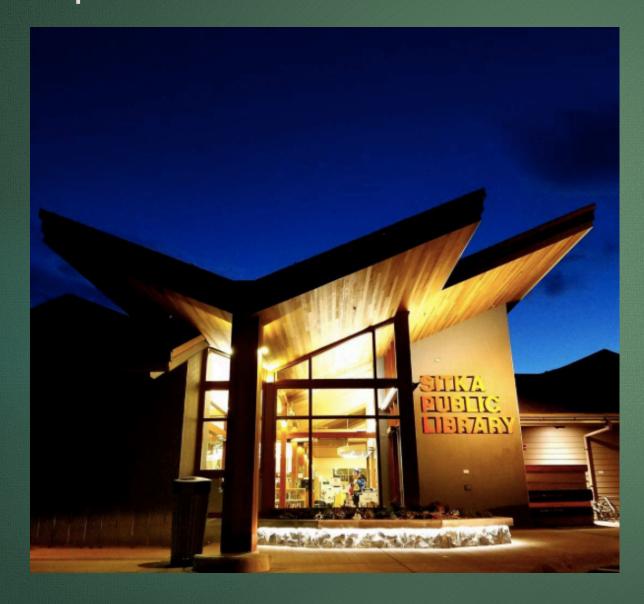
Forward Planning Backward

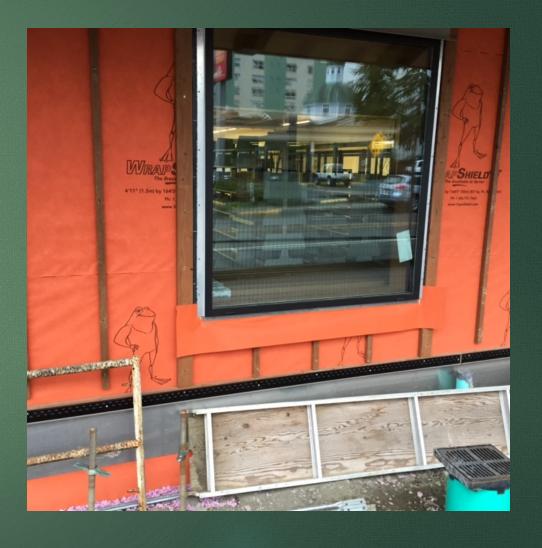




Upside down and inside out









Assaults on the building

Structural Engineer

PROJECT MANAGER



Planning/Zoning

Building Official

Architect

Electrical Contractor

PROJECT MANAGER



PROJECT MANAGER

Mechanical Contractor

Codes

Historical Preservation Entities (SHPO, NPS, SHPC)

Mechanical Engineer

General Contractor

PROJECT MANAGER