

The Magdalena

A mass timber hybrid boutique hotel

Michael Britt, Lucas Epp

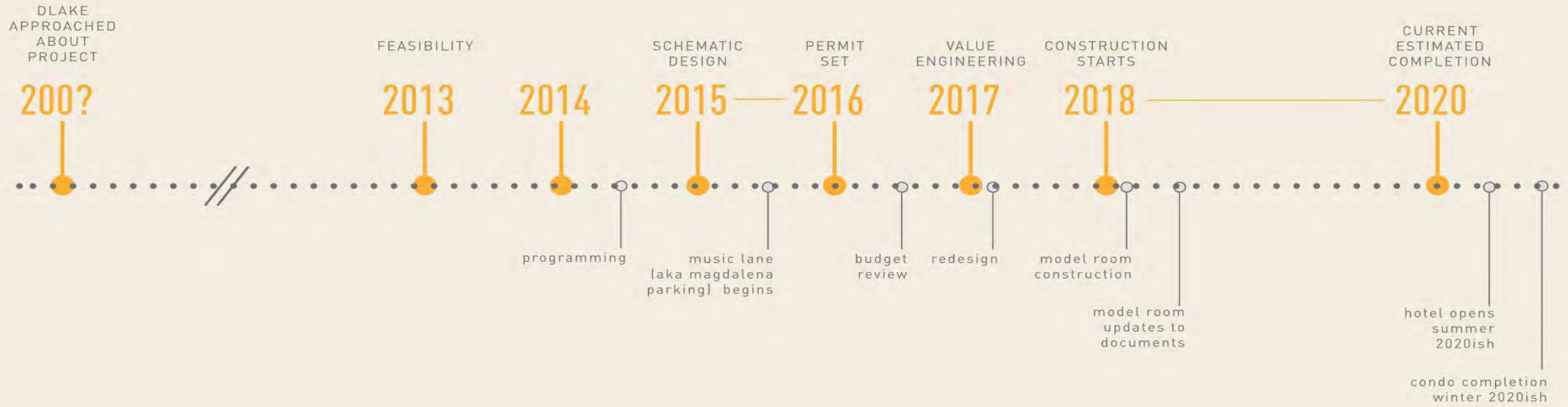
LAKE | FLATO



Disclaimer: This presentation was developed by a third party and is not funded by WoodWorks or the Softwood Lumber Board.

Magdalena





Boutique Hotel – Austin, TX

Lake | Flato Architects

StructureCraft Builders

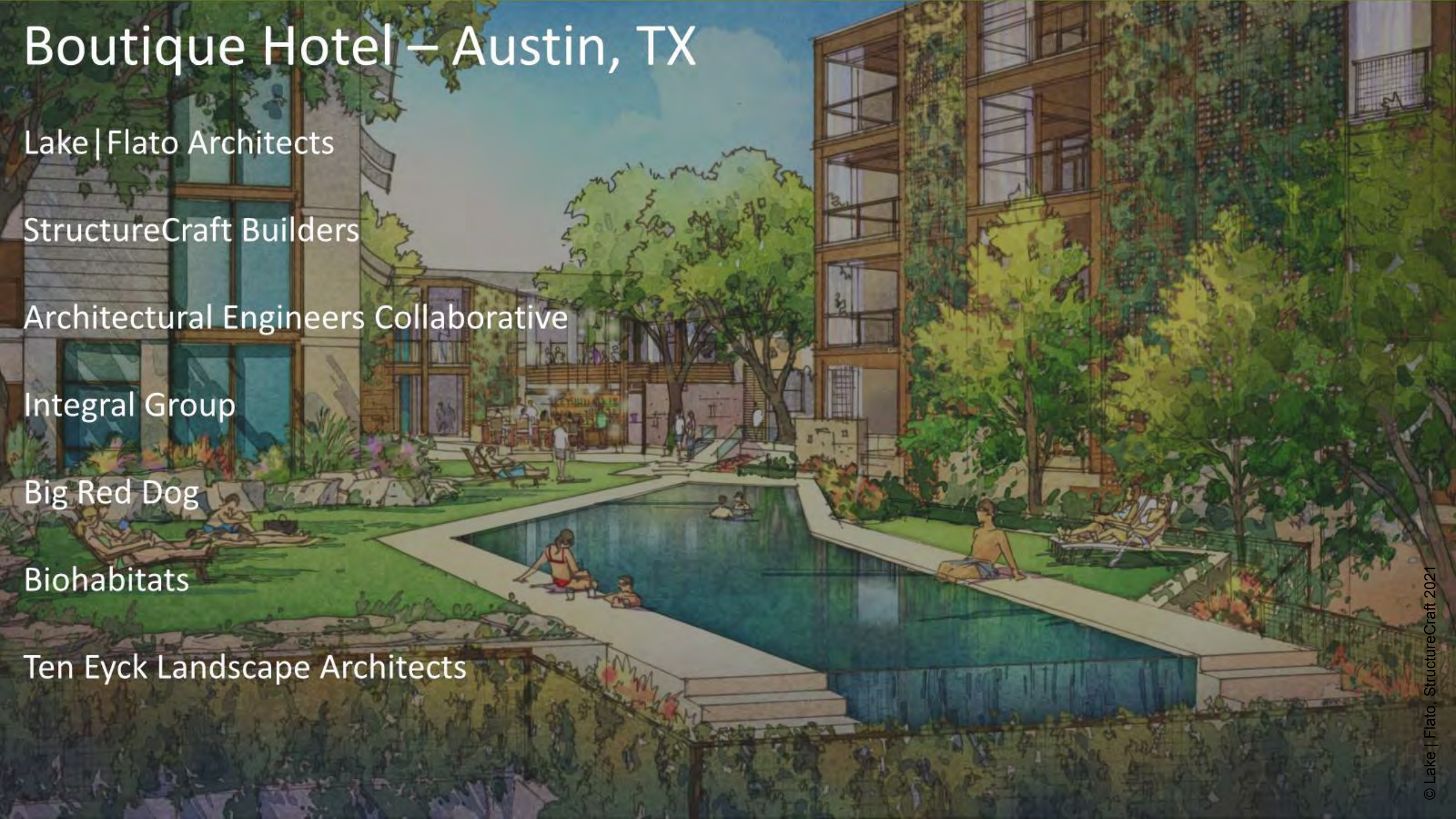
Architectural Engineers Collaborative

Integral Group

Big Red Dog

Biohabitats

Ten Eyck Landscape Architects





TERRACE MOTOR HOTEL

AND
CONVENTION CENTER
1201 SOUTH CONGRESS
P. O. BOX 1844 • AUSTIN, TEXAS 78767
Hickory 4-3541

The picturesque and unique Motor Hotel in the heart of Austin, Texas

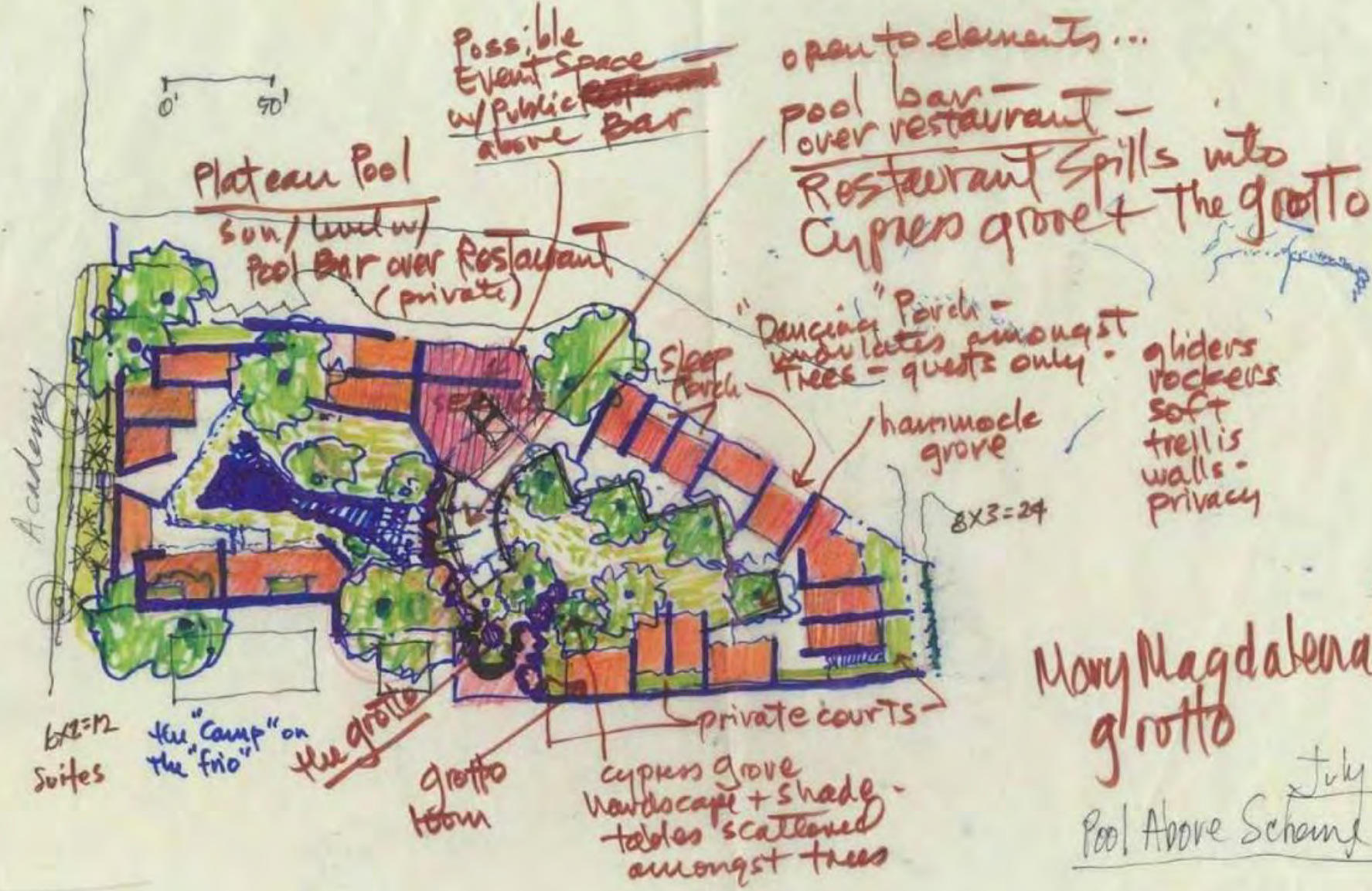




Site Constraints

- Stepping Height Restrictions
- Sloping Topography
- Existing Retaining Walls
- Existing Heritage Trees
- Multiple Occupancy Types
- Local Building Codes & Permitting Process

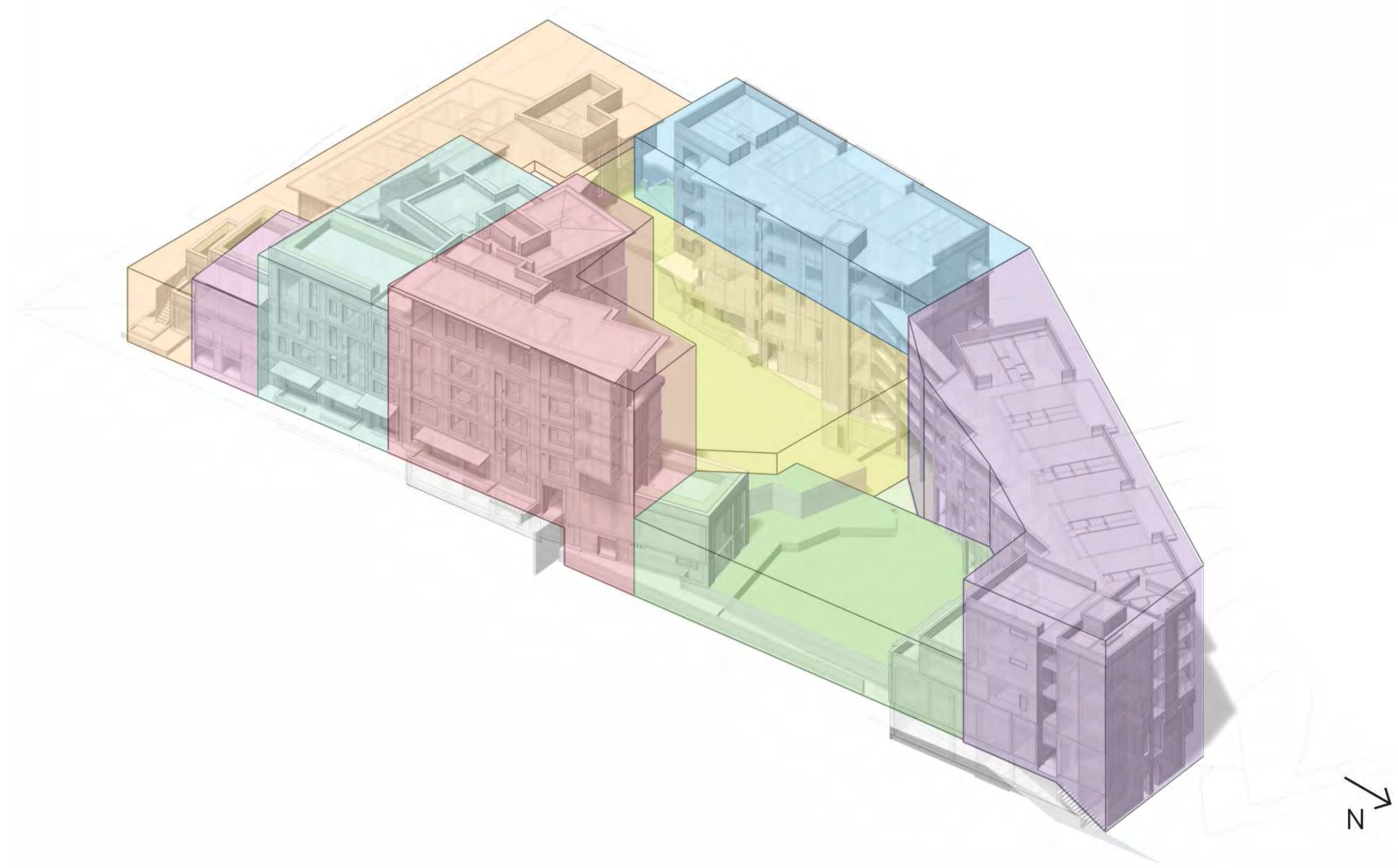


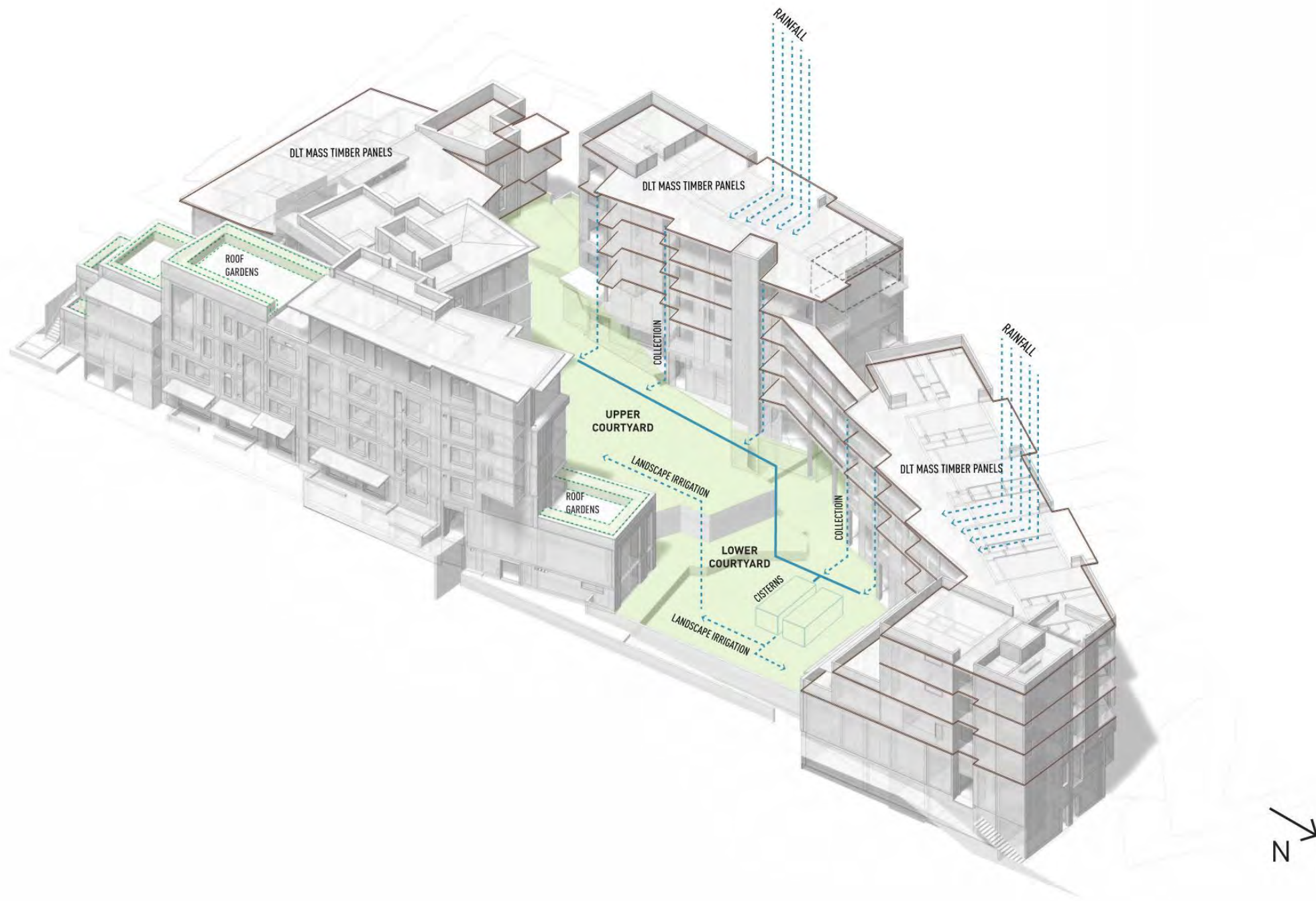


Mary Magdalene's
grotto

July 20 2013
Pool Above Scheme











5 STORY HOTEL BUILDINGS TYPE I-A &
TYPE V-A OVER PODIUM



5 STORY HOTEL BUILDINGS TYPE I-A &
TYPE V-A OVER PODIUM

2 STORY HOTEL
BUILDING TYPE V-A

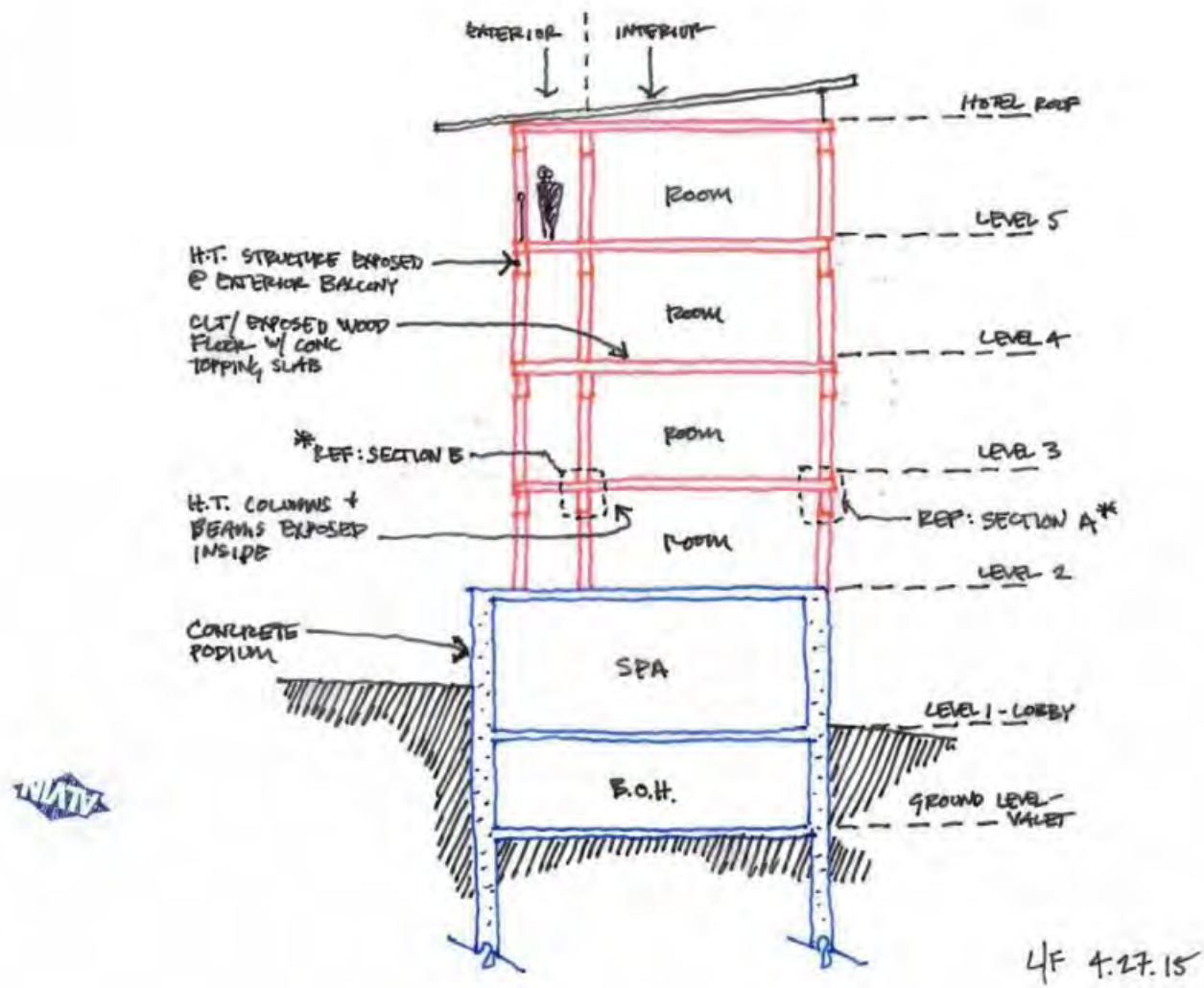


5 STORY HOTEL BUILDINGS TYPE I-A &
TYPE V-A OVER PODIUM

2 STORY HOTEL
BUILDING TYPE V-A



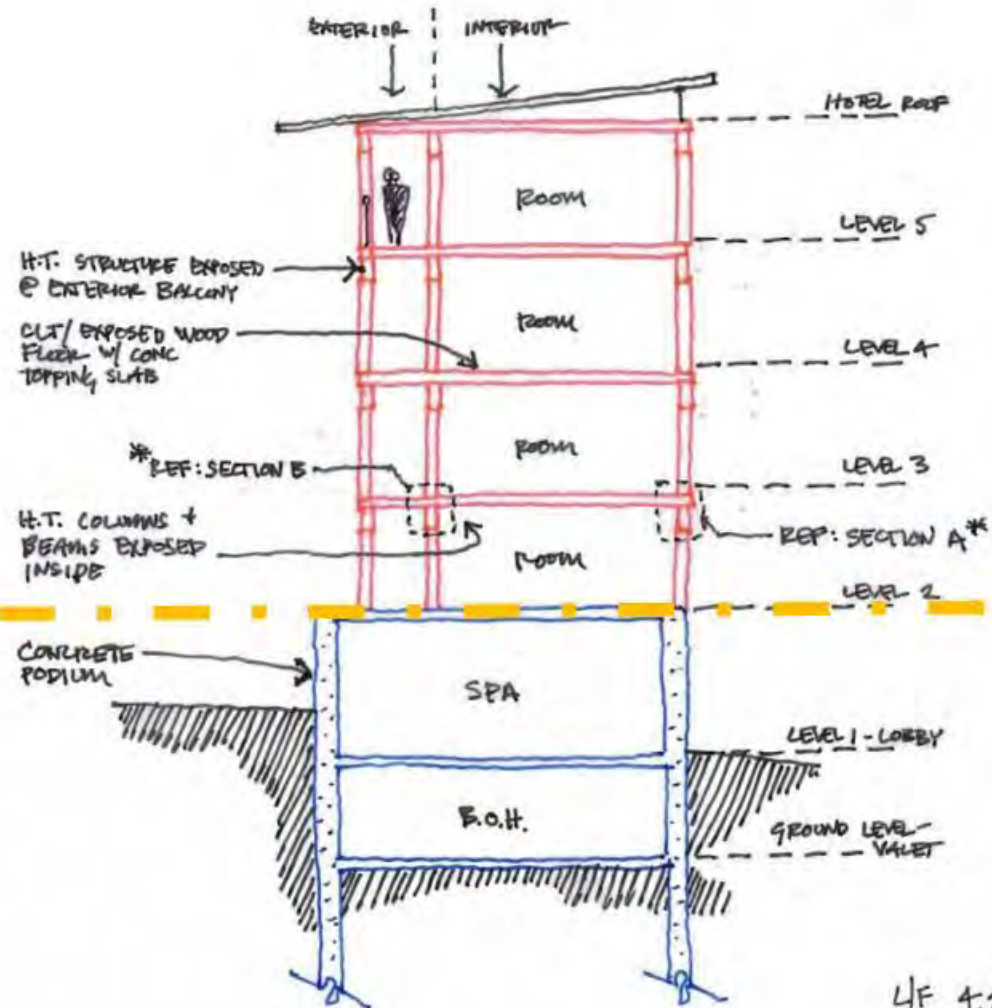
PRIVATE CONDOMINIUM,
HOTEL ROOMS
TYPE II-A

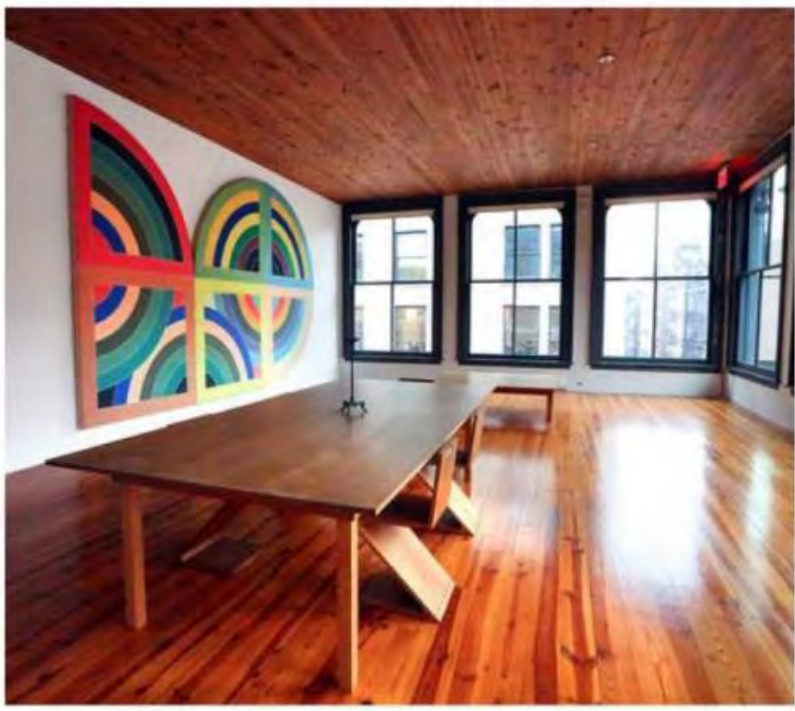


TYPE V-A

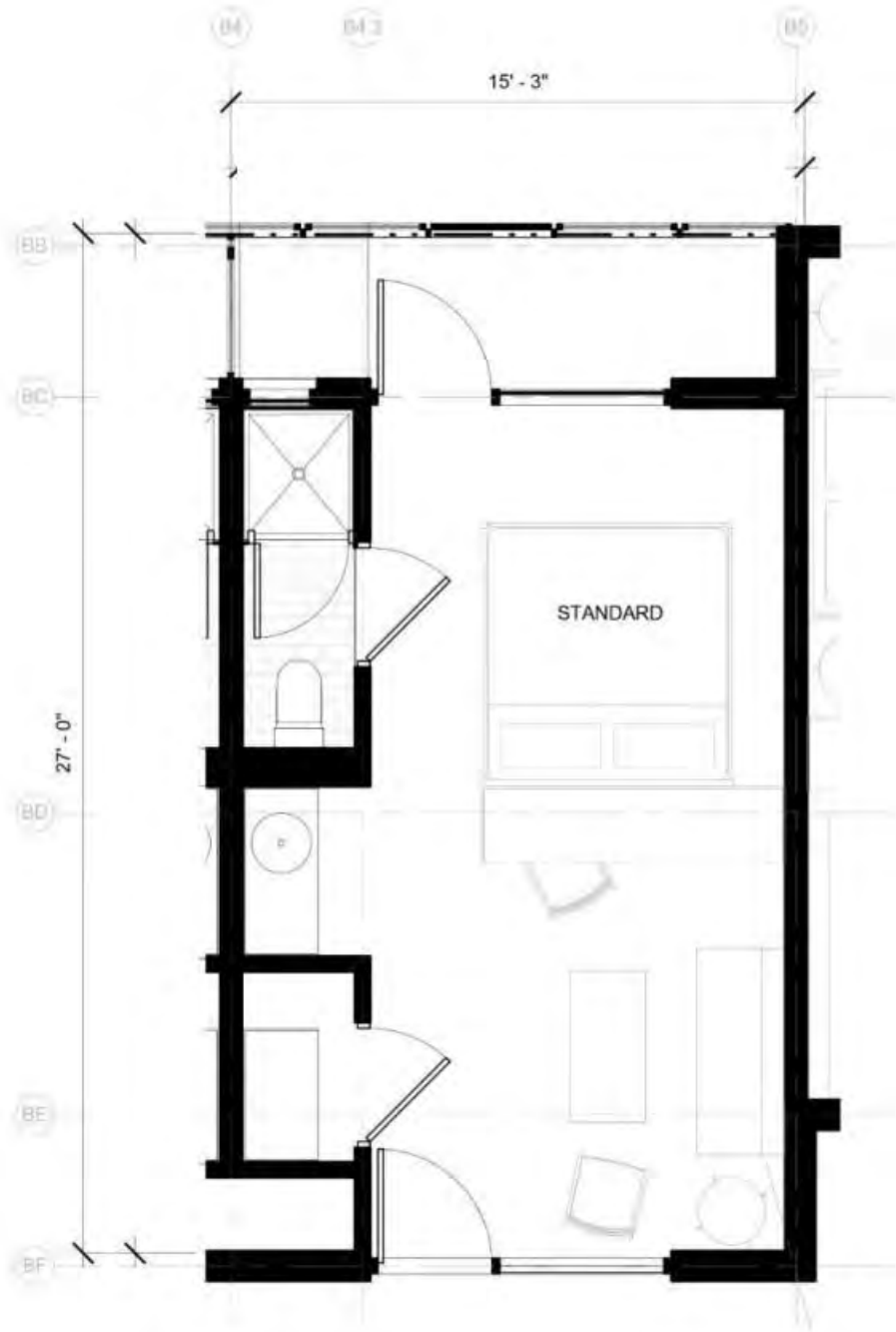
PODIUM

TYPE I-A



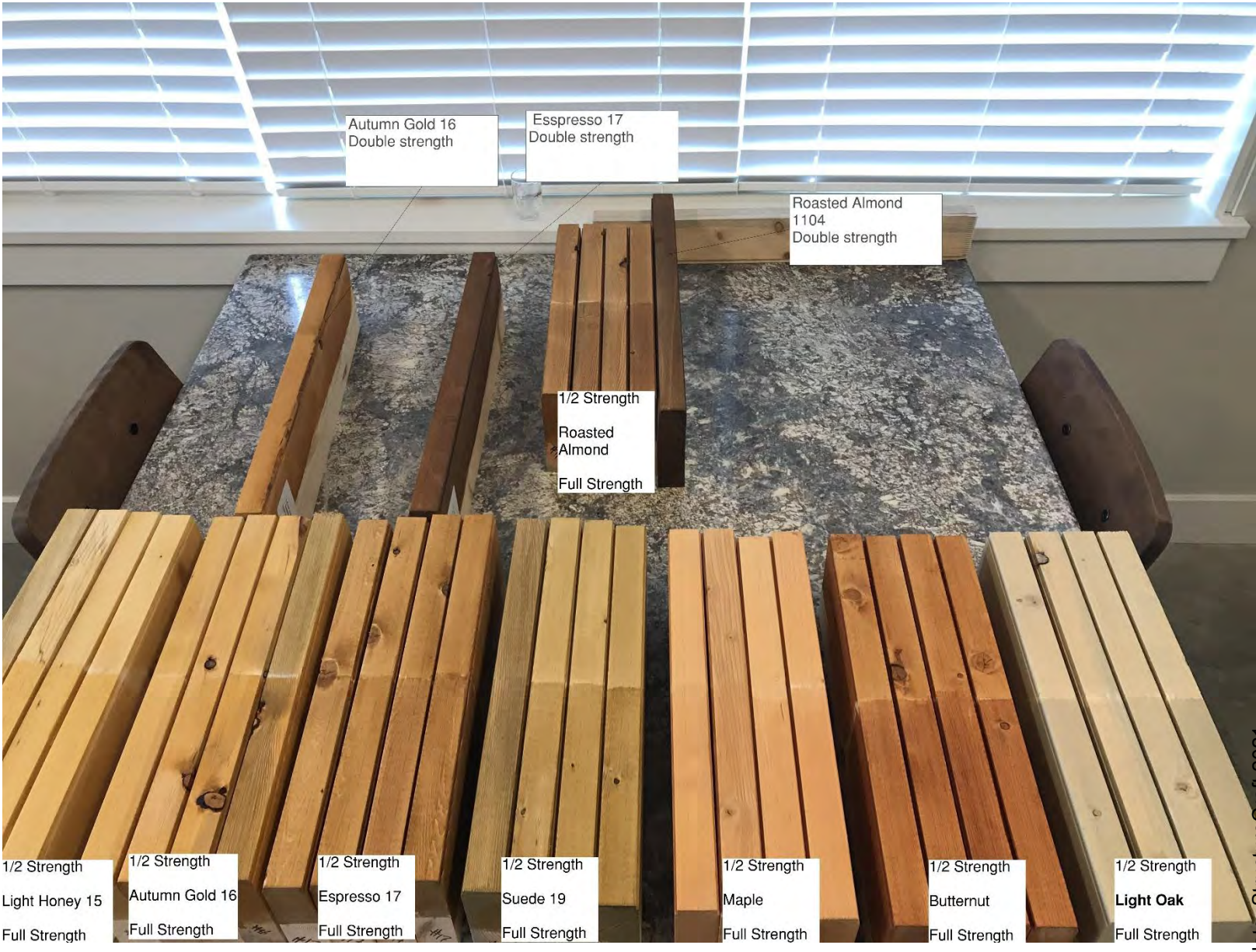


HOTEL ROOM CONCEPT





HOTEL ROOM CONCEPT
FINISHES / MODEL ROOM







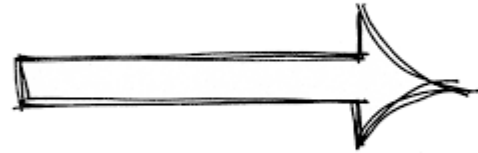
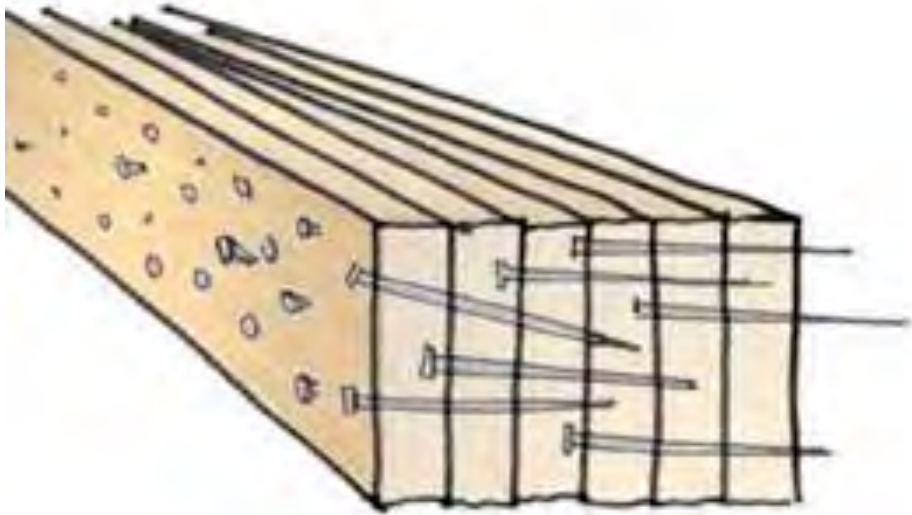


FLOOR ASSEMBLY

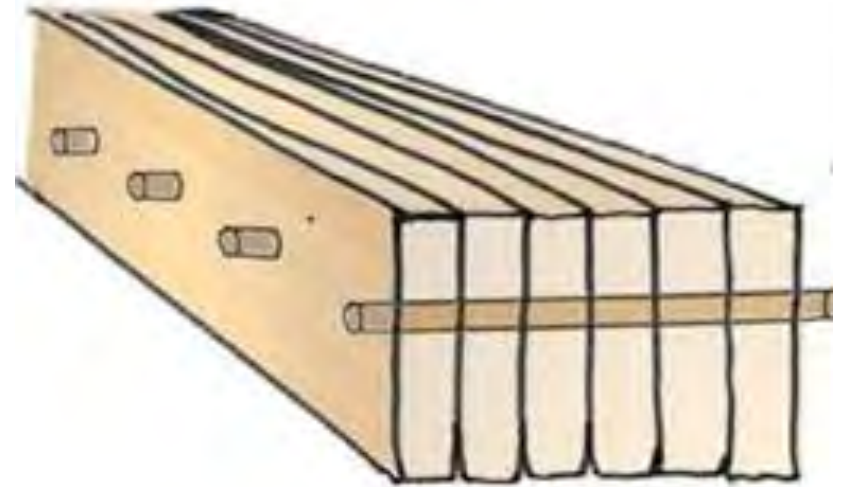


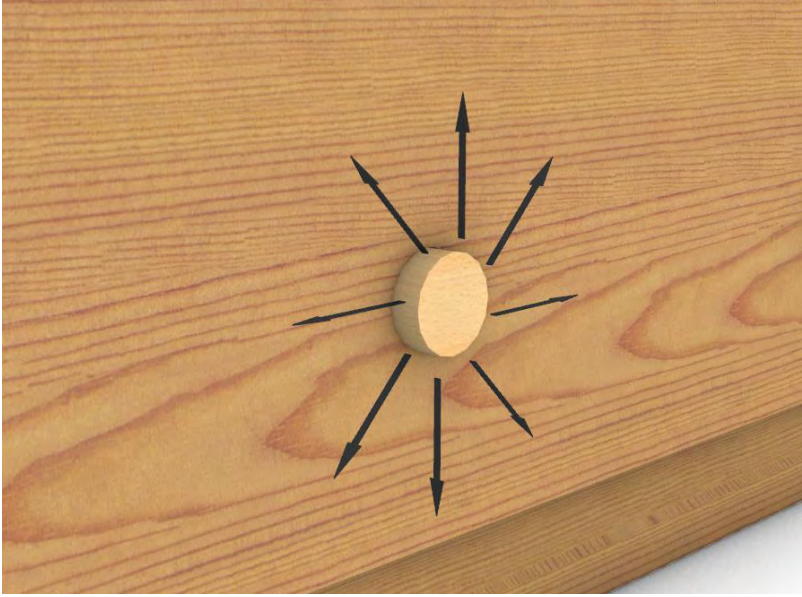
DOWEL LAMINATED TIMBER FLOOR

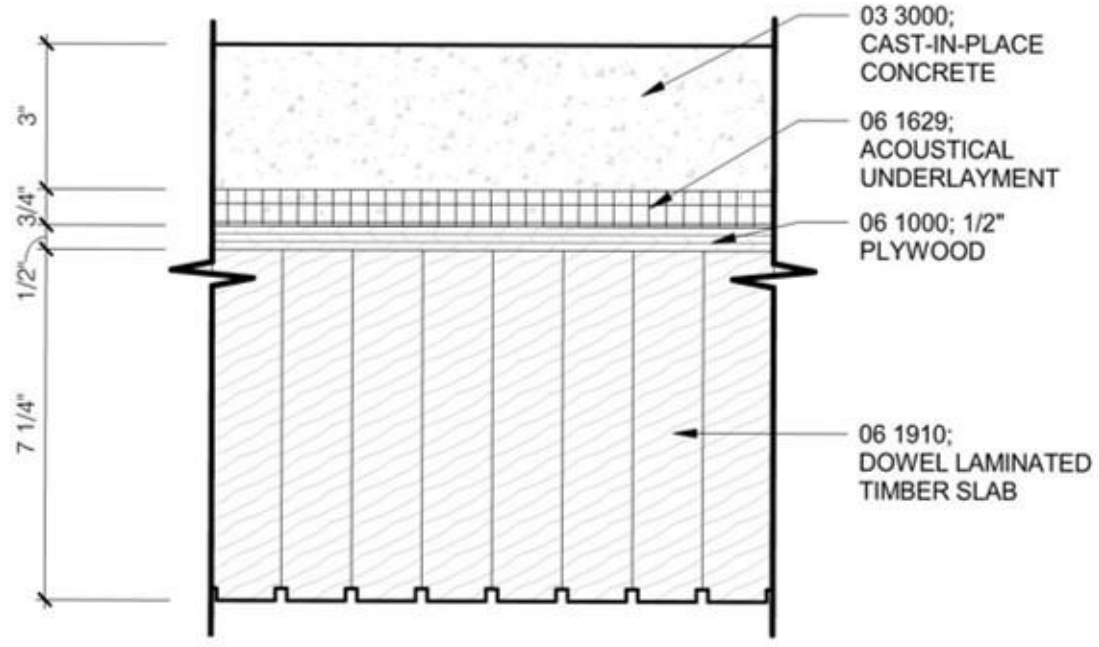
NLT



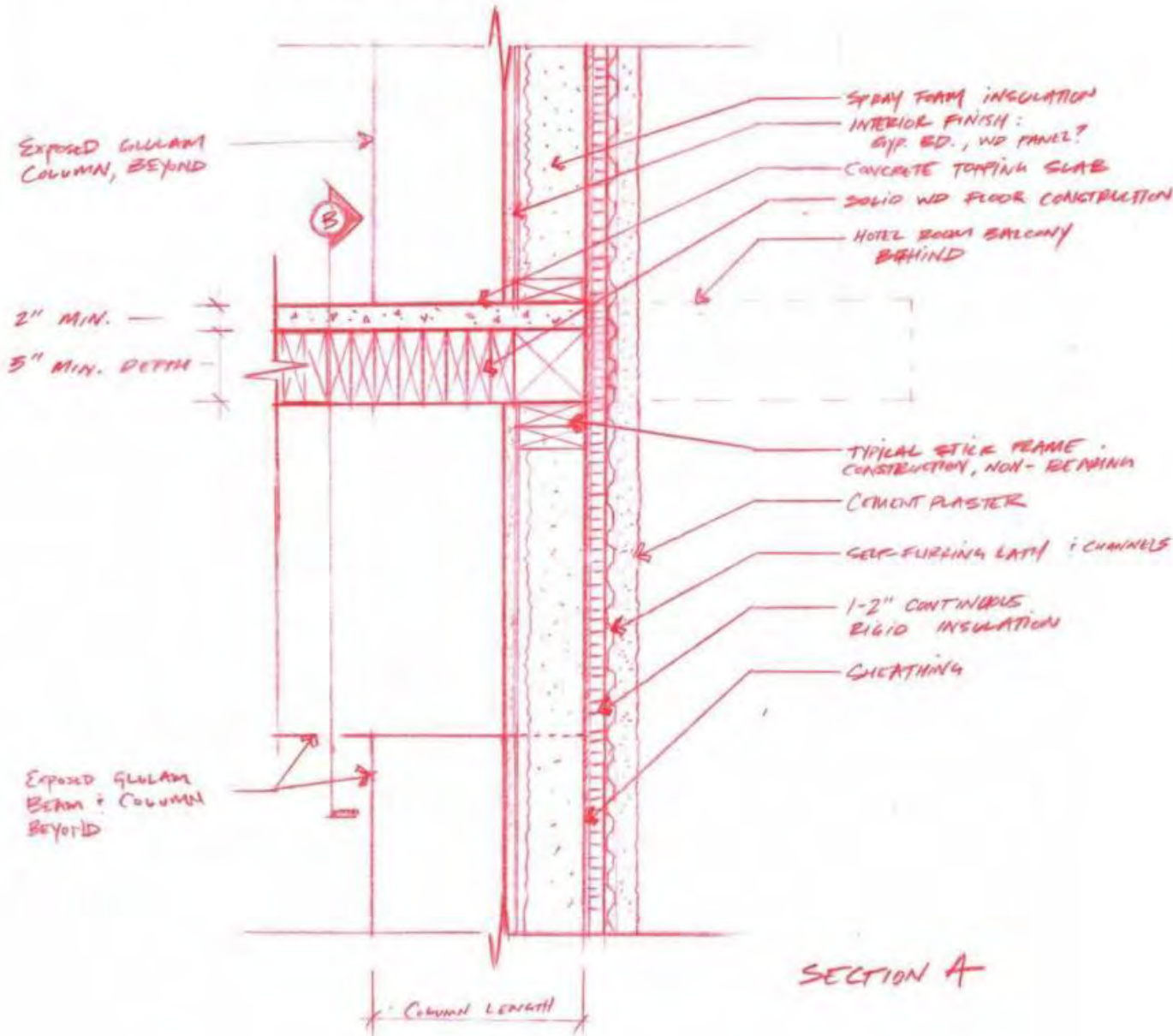
DLT



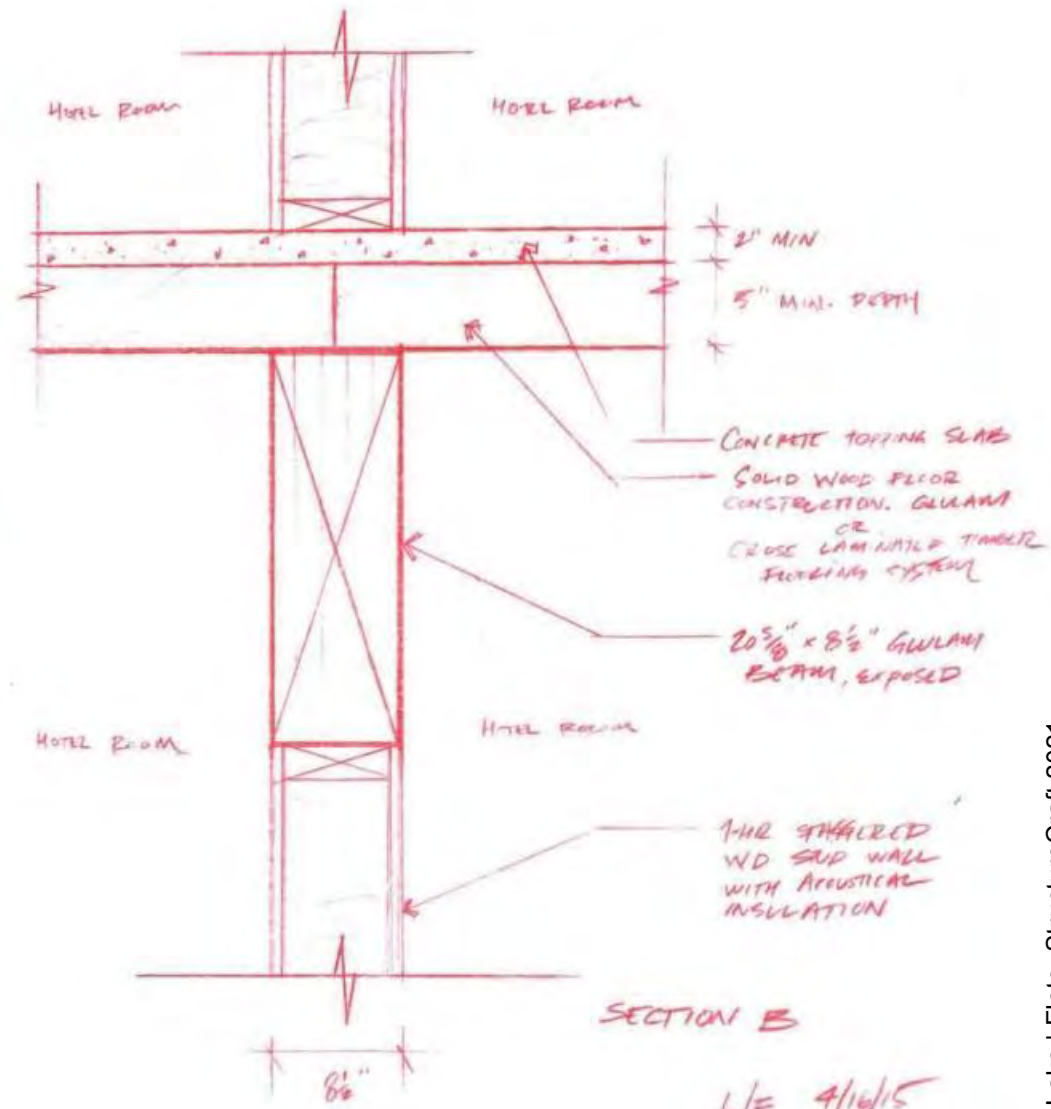




CONCEPTUAL DETAILS

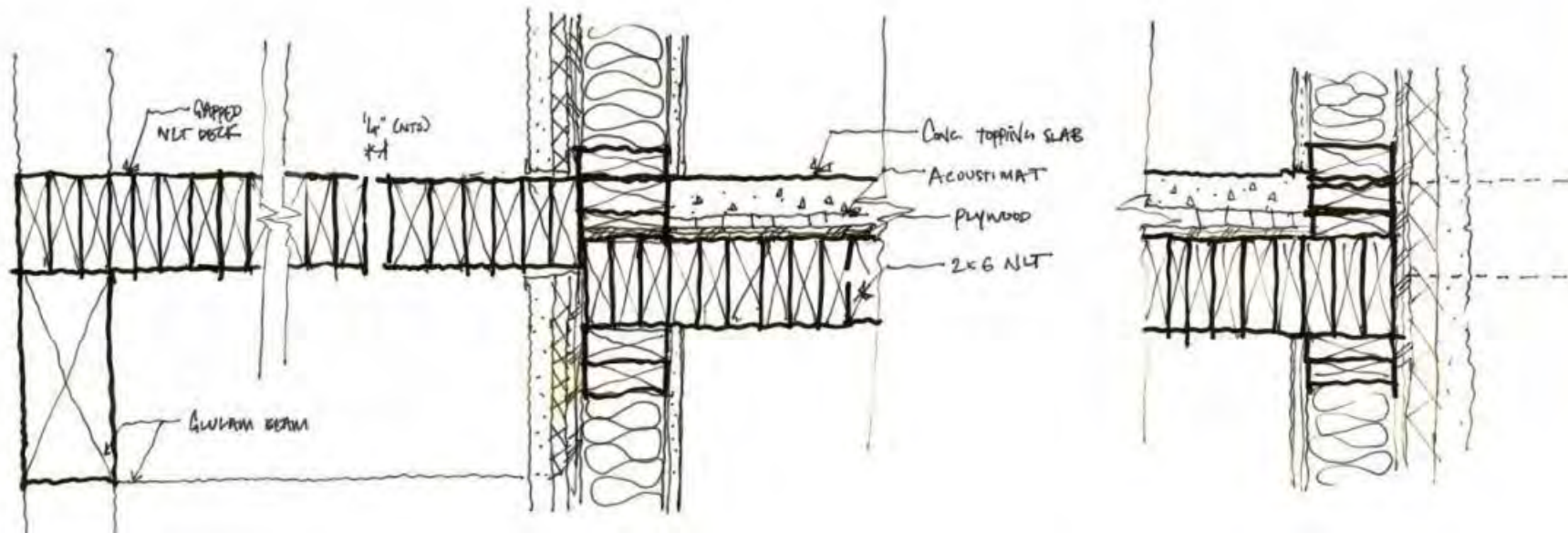
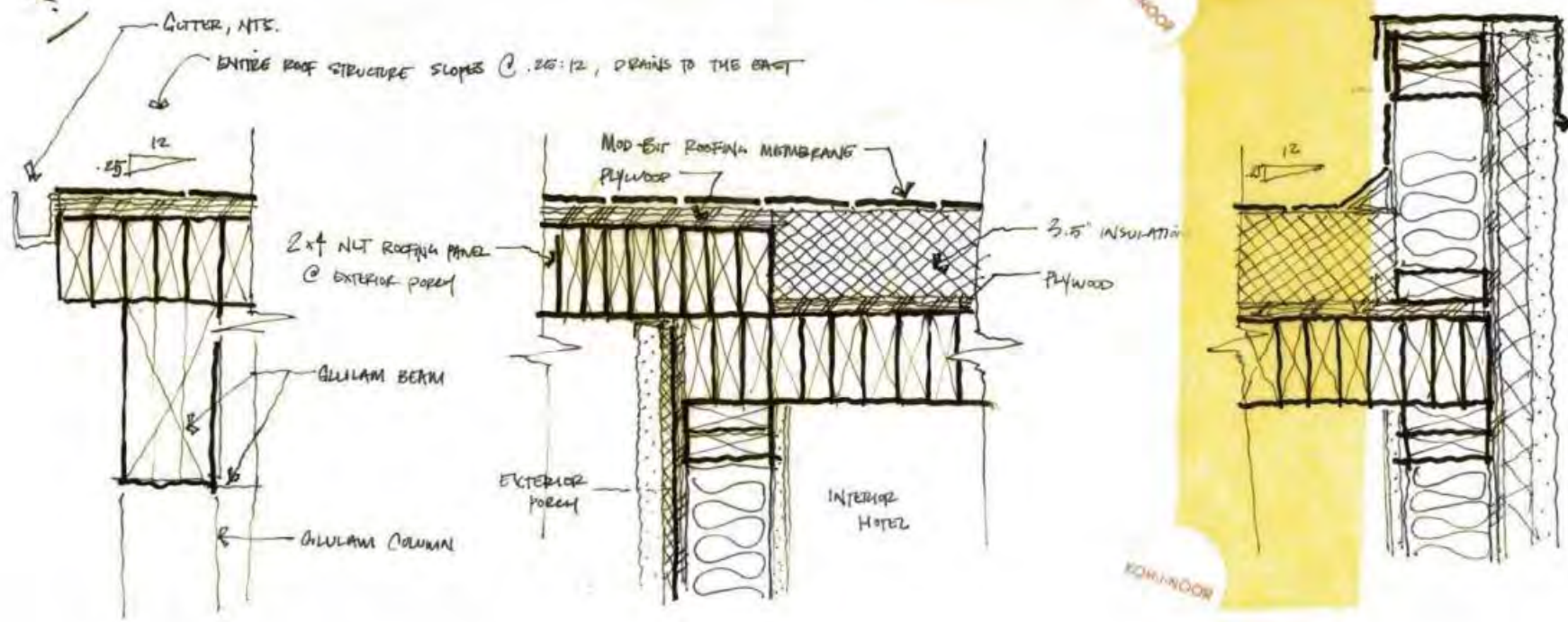


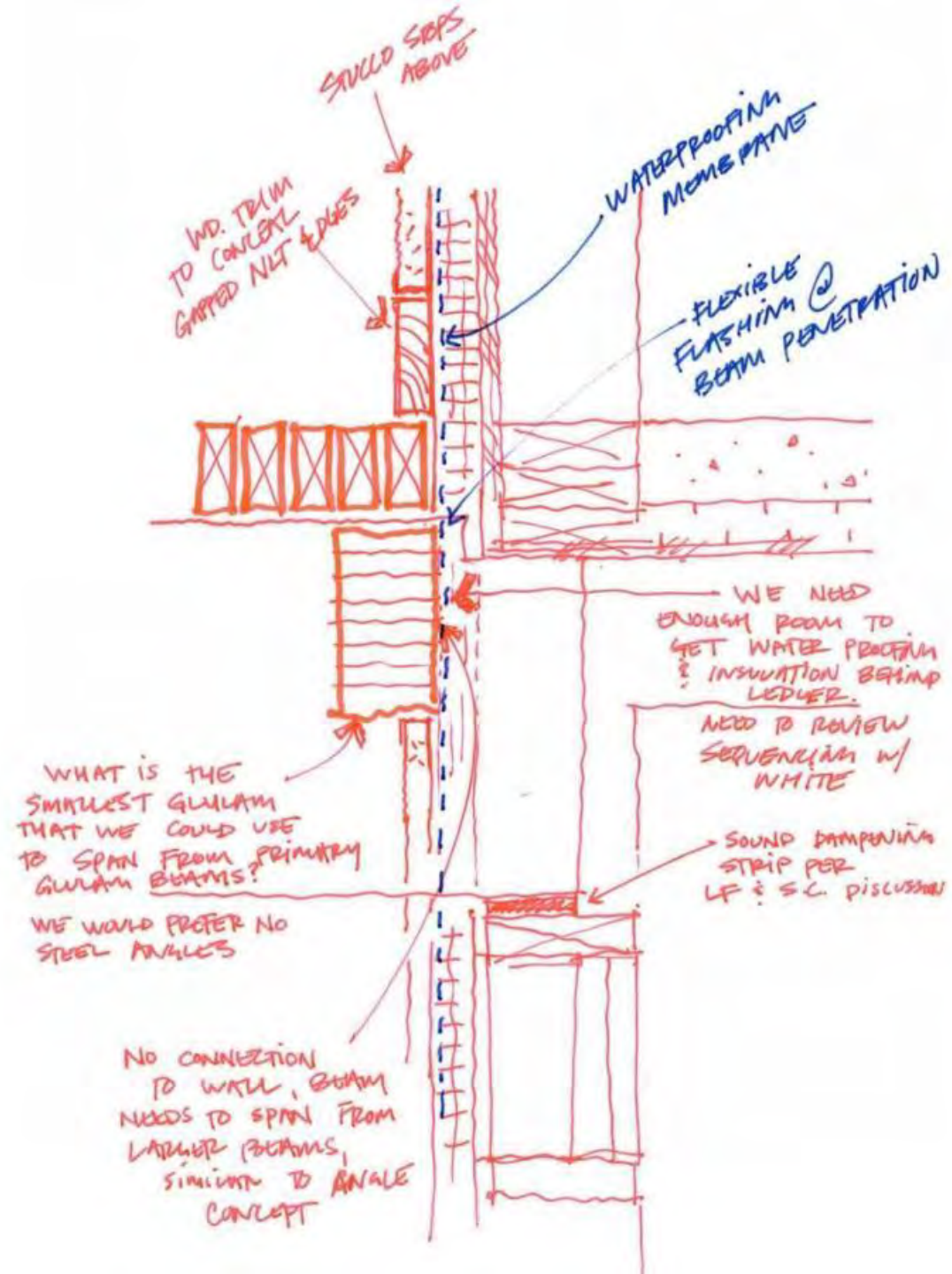
SECTION A



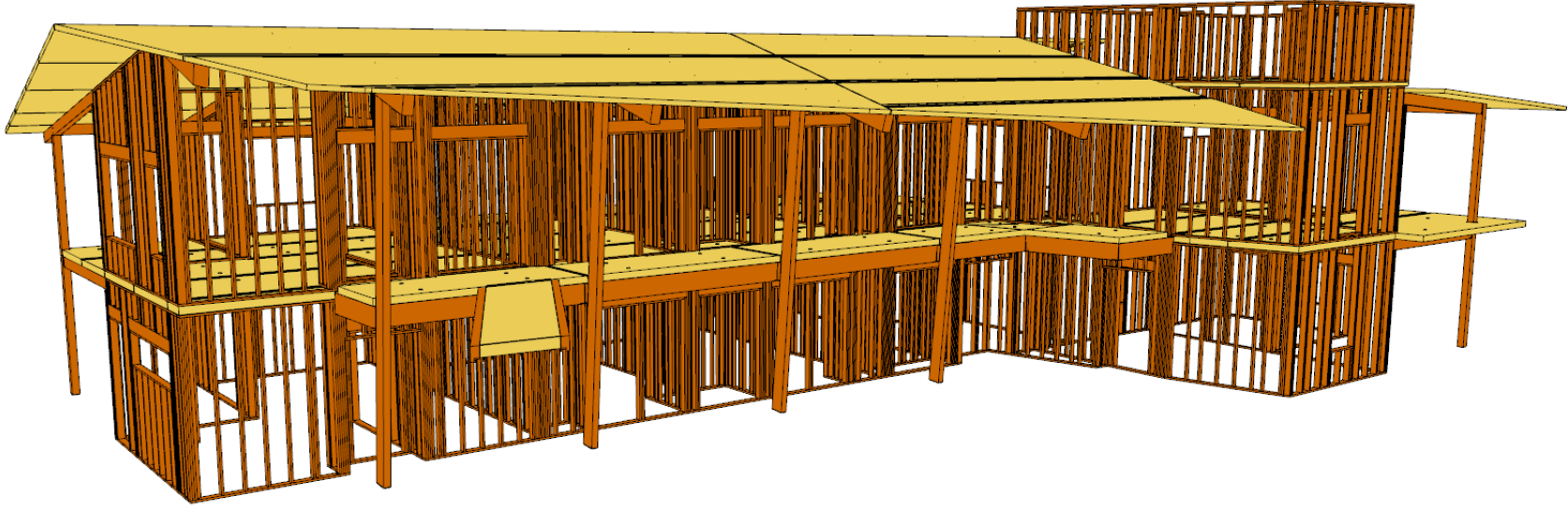
SECTION B

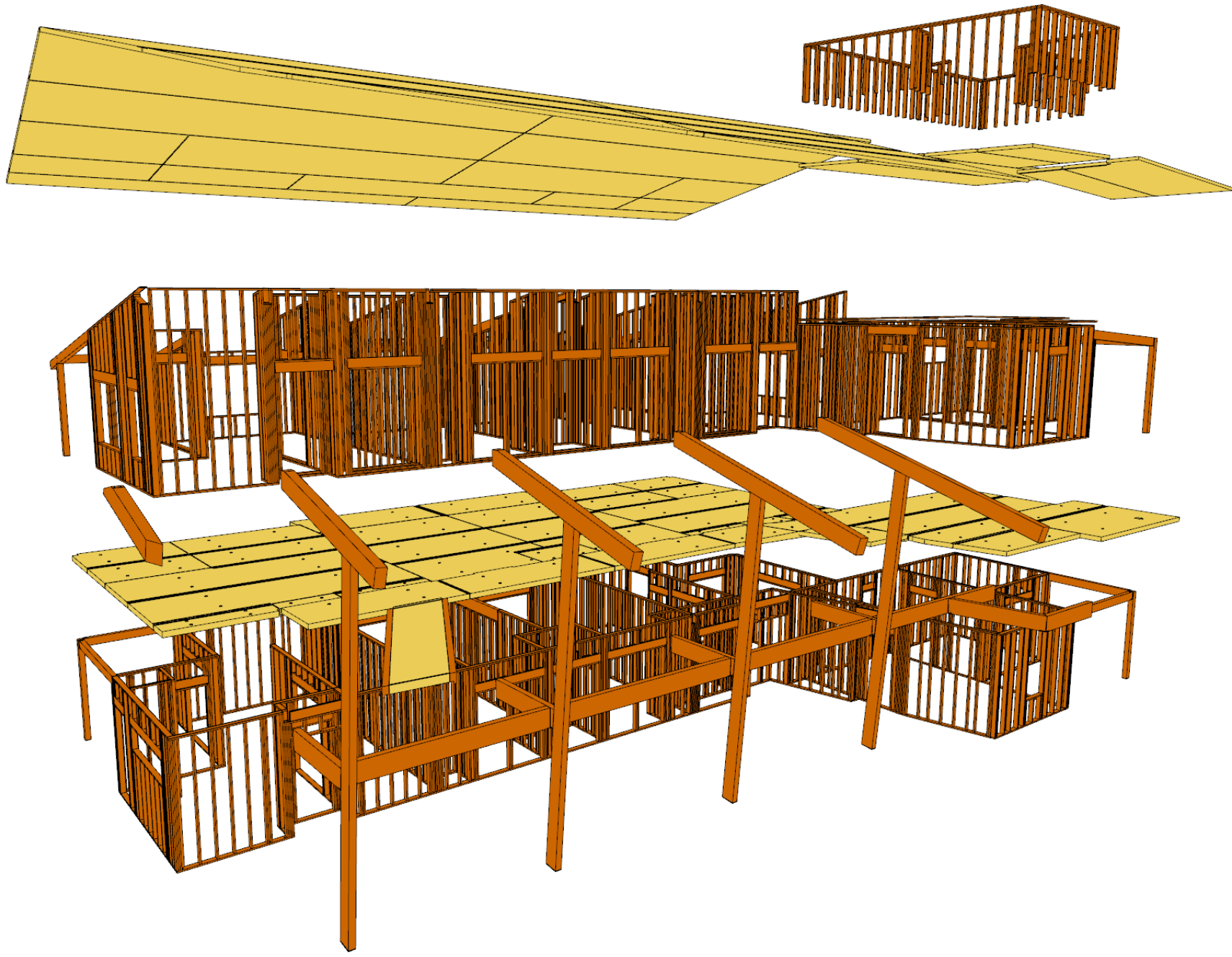
L/F 4/14/15





MASS TIMBER on LIGHT FRAME **STRUCTURE**



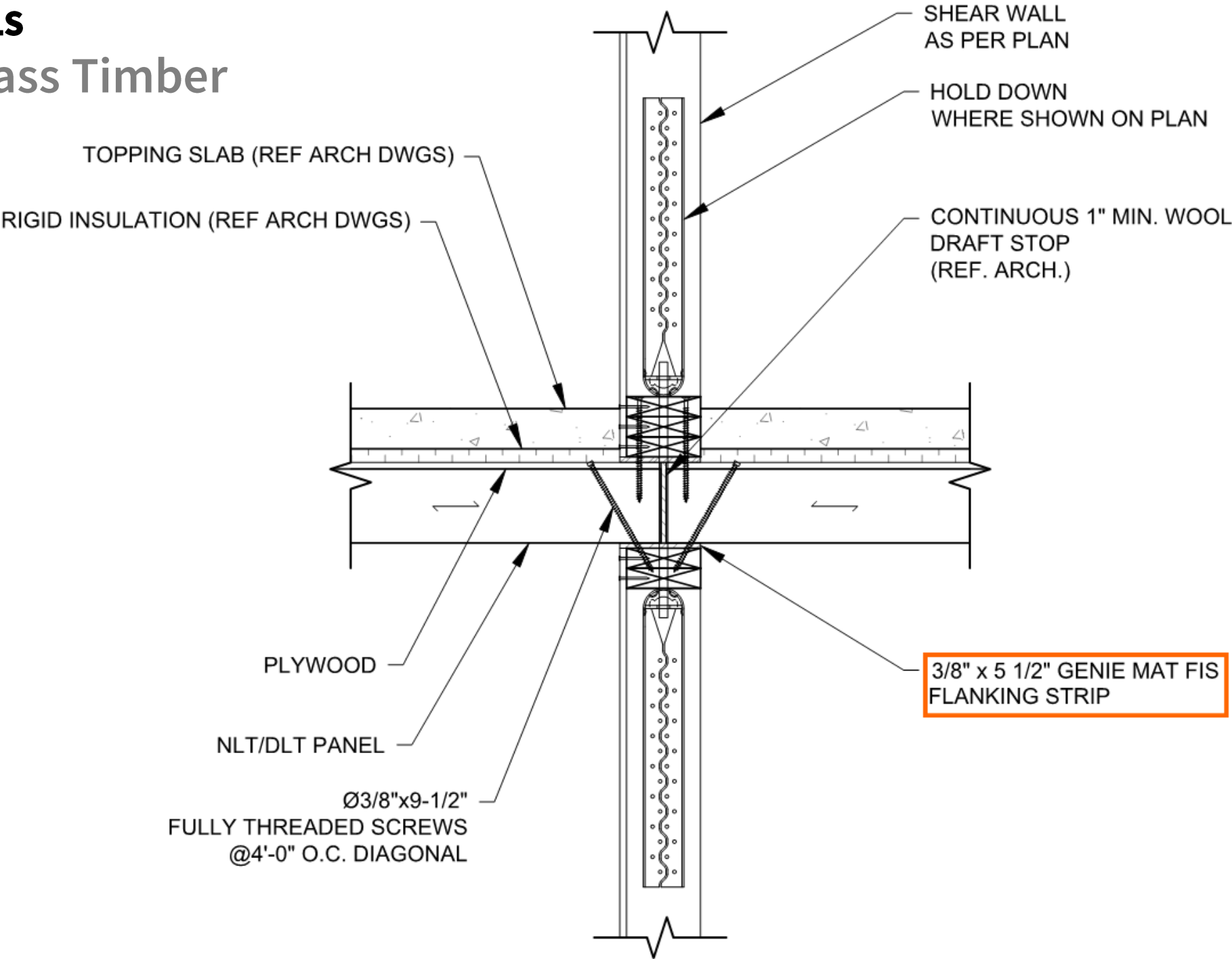




MASS TIMBER on LIGHT FRAME **ACOUSTICS**

CONSTRUCTION DETAILS

Light Frame → Mass Timber







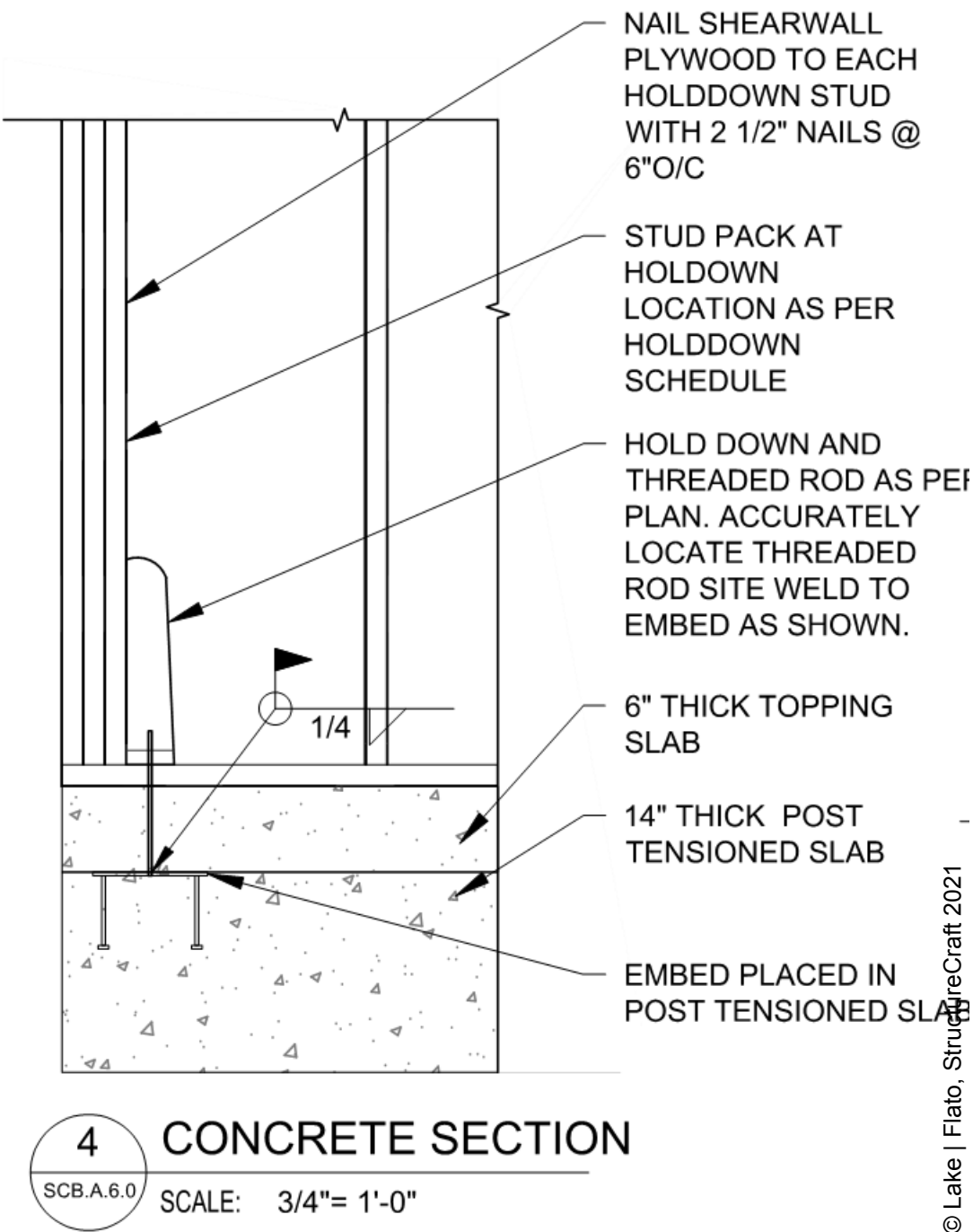
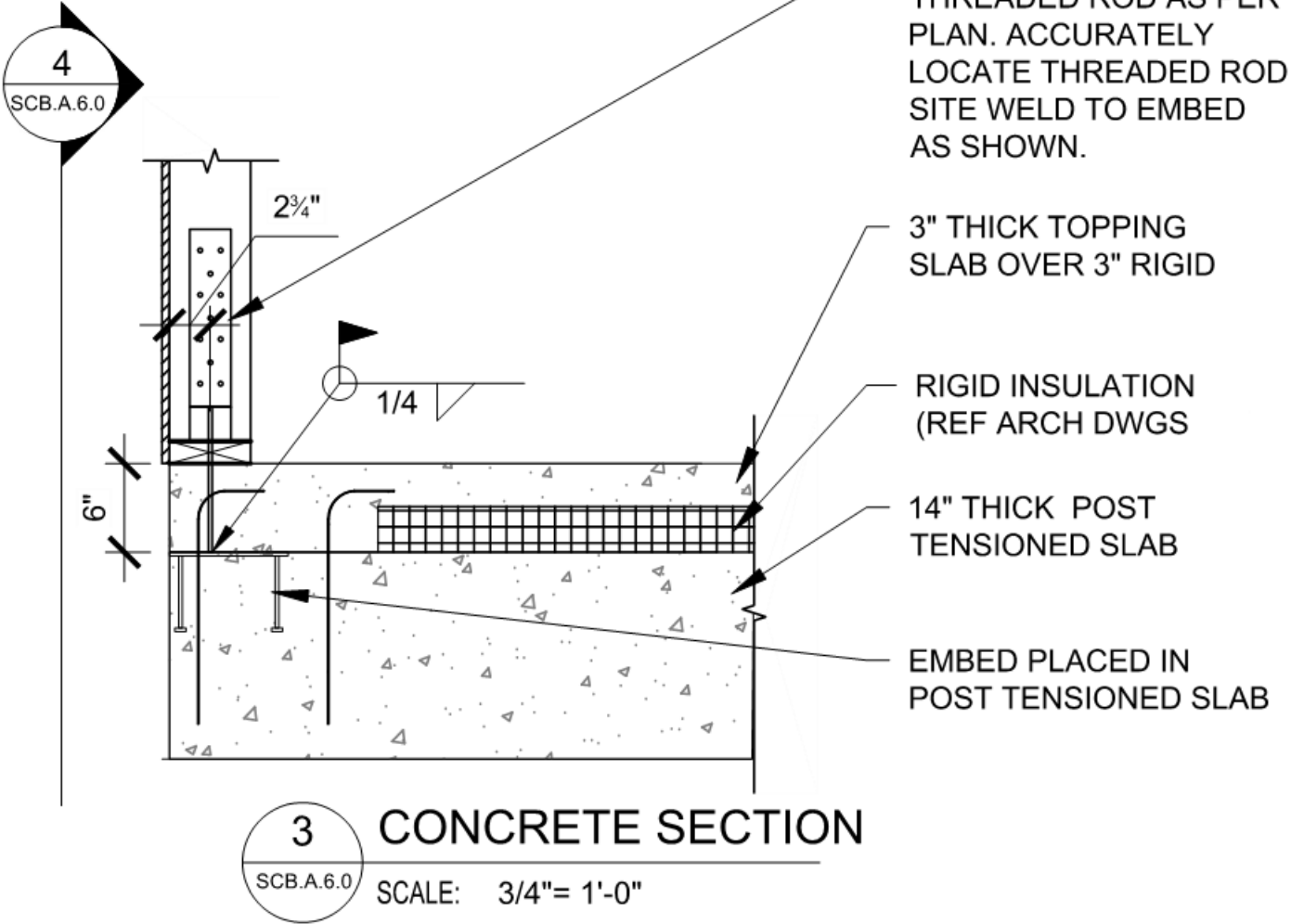


MASS TIMBER on LIGHT FRAME
PREFAB WALLS





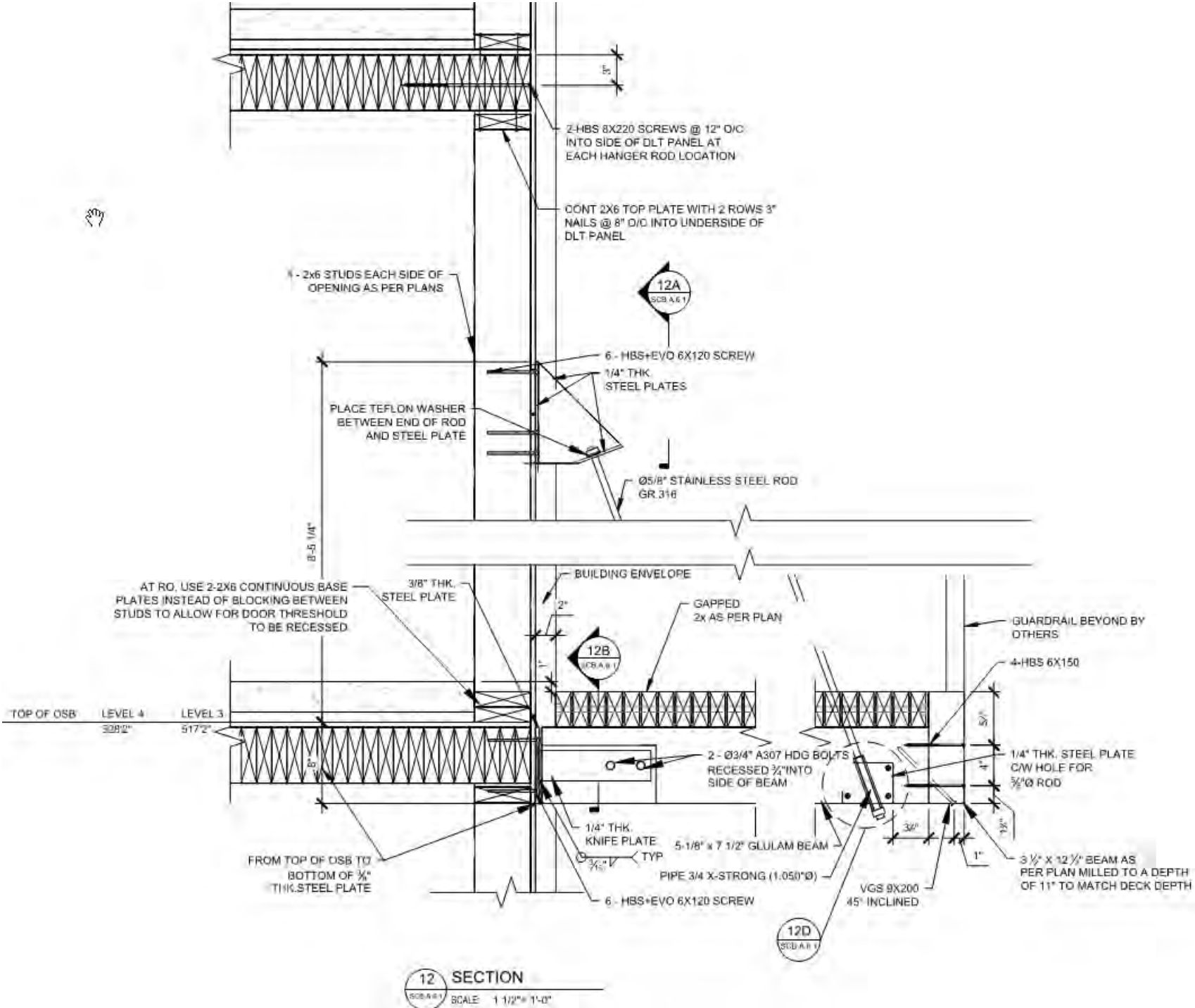
CONSTRUCTION DETAILS
Light Frame → PT Slab



MASS TIMBER on LIGHT FRAME
HANGING BALCONIES

CONSTRUCTION DETAILS

Hanging Balconies





MASS TIMBER on LIGHT FRAME **DLT CORES**











MASS TIMBER on POST AND BEAM
GAPPED WALKWAYS

PRECEDENT EXAMPLES





















MASS TIMBER on POST AND BEAM **BRIDGE**







MASS TIMBER on LIGHT FRAME

TAKEAWAYS

- Beautiful exposed aesthetic
- Faster construction vs. stick-built on site
- MEP coordination – forced to happen up front
- More off-site coordination + VDC = less RFIs





















> QUESTIONS?

This concludes The American Institute
of Architects Continuing Education
Systems Course

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