

Town of Dover Community Center

Building Committee

- **Exterior Finishes**
- **Interior Finishes**

August 30th, 2021

Building a vision Building consensus

Design Update

1. Scheduled Meetings
2. Building Exterior
3. Building Interior
4. Citizen Comments

Design Scheduled Meetings



Design Development

Site Update

Site Elements

1. Court In back
2. Improved parking Flow
3. 5 spaces @ drop-off
4. Redistributed seating in front



Design Development

Pavilion Rotated for Connections

Why angled?

1. Pavilion rotated for site connections
2. Opens entry to South
3. Improves lobby/ Café flow



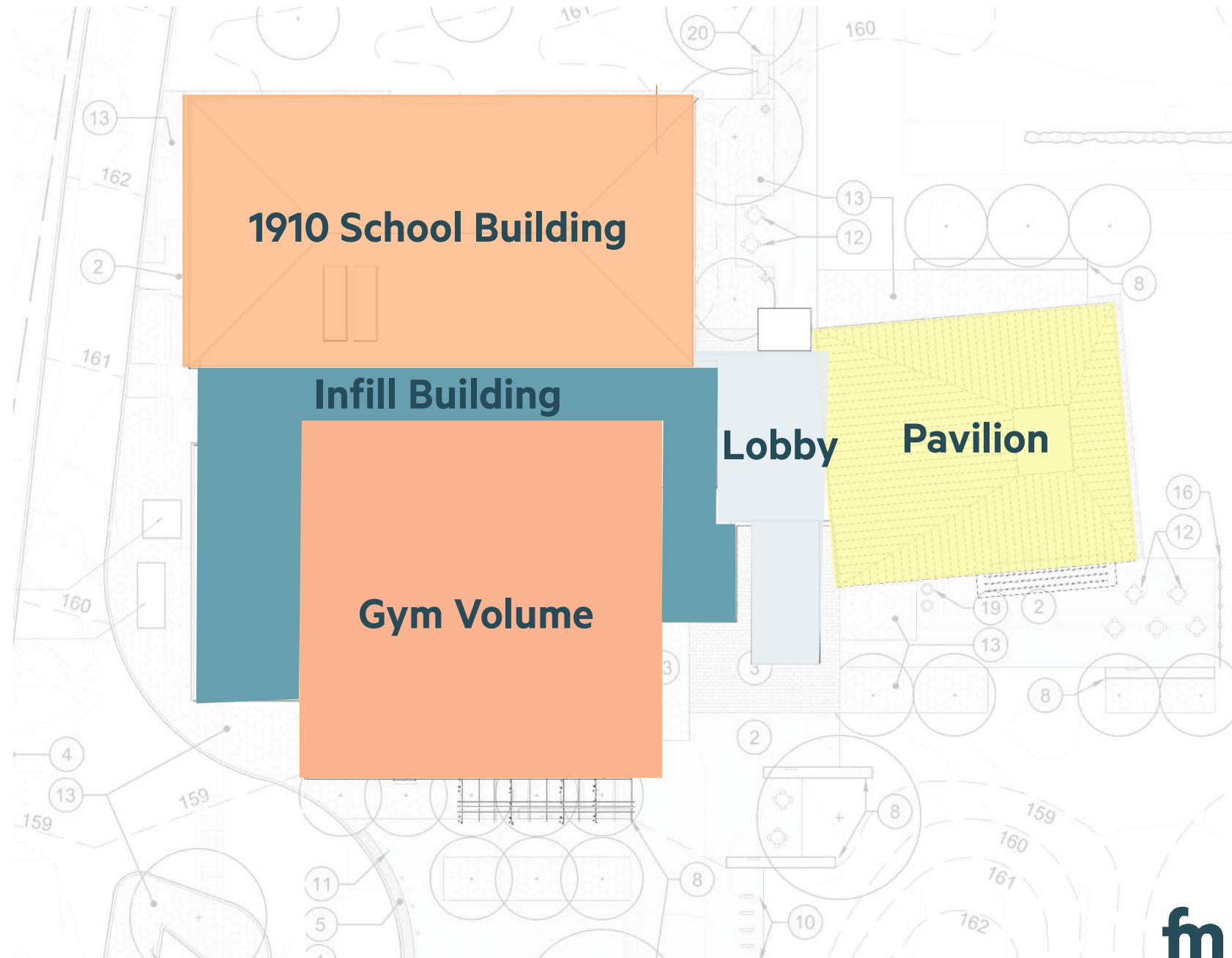
Lobby view towards café



Major Design Elements

Hierarchy of Spaces

- HISTORIC BRICK TO MATCH
- COMPATIBLE WITH EX. BRICK
- BACKGROUND BRICK
- ACCENT MATERIAL
- LOBBY -GLASS



Design Development

Building Exterior Elements

1. Brick Options

- 1910 Building: Match
- Gym Volume: Compatible
- Infill Building: Background

2. Pavilion Options

- Teracotta: Compatible
- Buff Brick: Distinct
- Slate: Distinct



Context



Design Development

Match Existing Brick



South Entry

Gym Addition

- Compatible with 1910, yet distinct
- Modern shape, narrow flashing



Red Extruded, Smooth

Existing 1910 Building

- Goal: Match & Patch
- Waterstruck brick, heavily flashed
- Mimics Historic Kessel Brick Co.



Waterstruck, Flashed

Design Development

Infill Building Brick



West Side: Gray Smooth

Infill Building

- Background to Gym
- Modern shape, minimal flashing



Graphite Velour

Gym Addition

- Compatible with 1910, yet distinct
- Modern shape, narrow flashing



Red Extruded, Smooth

Zinc Roof

1. Zinc Roof

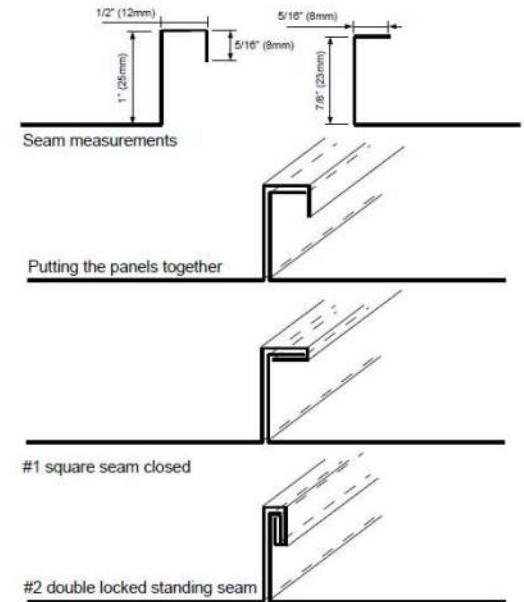
- Durable, long lasting
- Natural color
- Protective patina/ self-healing

2. Design Benefits

- Attractive finish
- Compatible with brick
- Works as roof or wall
- Flexible in geometry



Standing Seam Zinc Roof and Wall



Standing Seam Details



Tozzer Library, Schematic Design Inspiration



Terracotta Rainscreen Product Research

1. Terracotta material

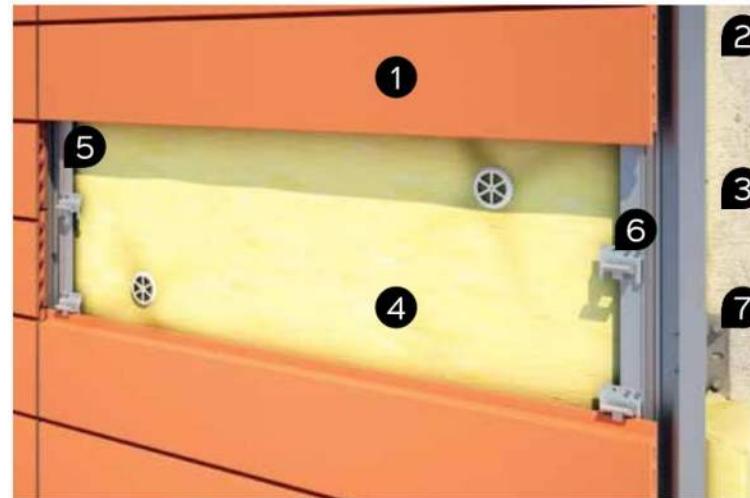
- Durable, long lasting
- Same material as brick: clay
- Modern style, compatible color

2. Procurement Challenges

- Very small batch size
- Only 1 US Manuf. – shipping
- Long lead-time



UPenn Music Addition



Typical Terreal terracotta ventilated cladding system

- 1 Piterak® Slim terracotta panel
- 2 Masonry/concrete
- 3 Air and moisture barrier
- 4 Insulation (rigid or mineral wool)
- 5 Vertical support profile
- 6 Stainless steel installation clip
- 7 Support bracket

Slate Rainscreen Product Research

1. Slate material

- Durable, long lasting
- Natural, regional
- Historic NE material

2. Design Benefits

- Adaptable to building geometry
- Readily available, simple installation
- Less expensive than terracotta (more than brick)



North Country Slate

VERMONT
STRUCTURAL
SLATE COMPANY®



GREENSTONE SLATE®
Vermont Architectural Roofing Slate



Norwell, MA Library



1. Air/vapor barrier
2. Insulation
3. Hat channel
4. Wood batten
5. Building felt
6. Slate shingles

Design Development

Pavilion Rainscreen: Terracotta



East Side: Terra Cotta



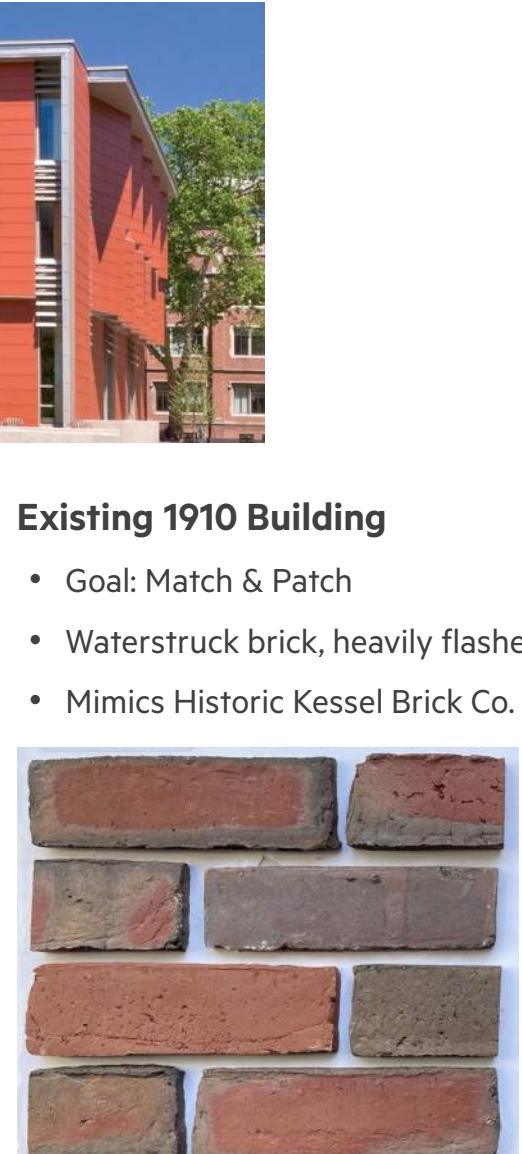
UPenn Music Addition

Pavilion

- Visually distinct
- Modern shape, traditional materials



Terracotta, smooth



Existing 1910 Building

- Goal: Match & Patch
- Waterstruck brick, heavily flashed
- Mimics Historic Kessel Brick Co.



Waterstruck, Flashed

Design Development

Pavilion Brick



East Side: Buff Brick



Pavilion

- Visually distinct
- Modern shape, traditional materials



Buff Smooth, w/ Zinc

Existing 1910 Building

- Goal: Match & Patch
- Waterstruck brick, heavily flashed
- Mimics Historic Kessel Brick Co.



Waterstruck, Flashed

Design Development

Pavilion Rainscreen: Slate



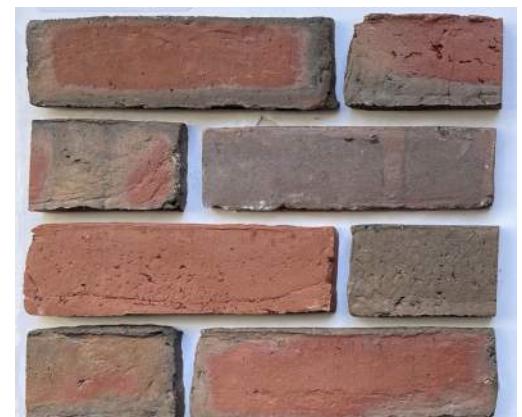
Norwell, MA Library



East Side: Slate



Slate Rainscreen



Waterstruck, Flashed

Existing 1910 Building

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Design Development

First Level Flooring

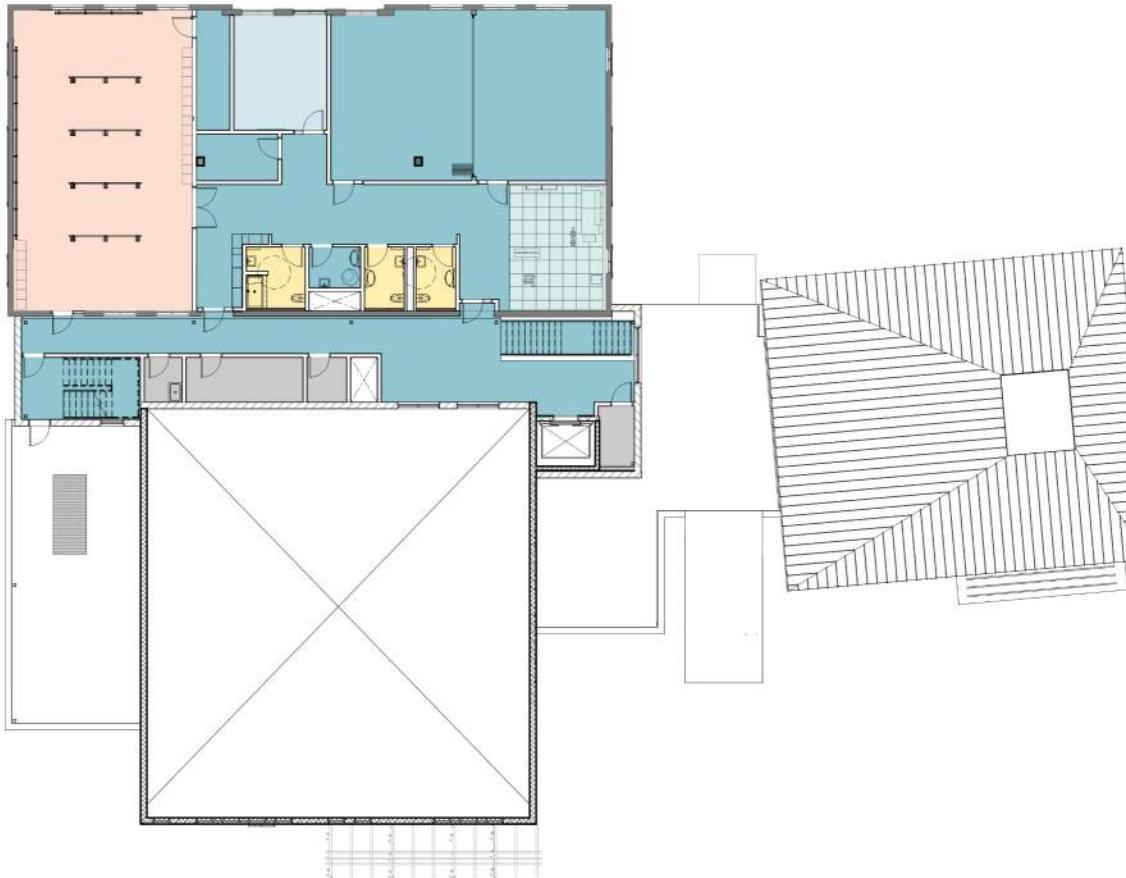


Floor Finishes

- Linoleum
- Carpet (offices)
- Porcelain Tile
- Maple Athletic Floor
- Marley Floor (dance)
- Sealed Concrete (storage/MEP)
- Walk-off
- Rubber Play Surface

Design Development

Second Level Flooring

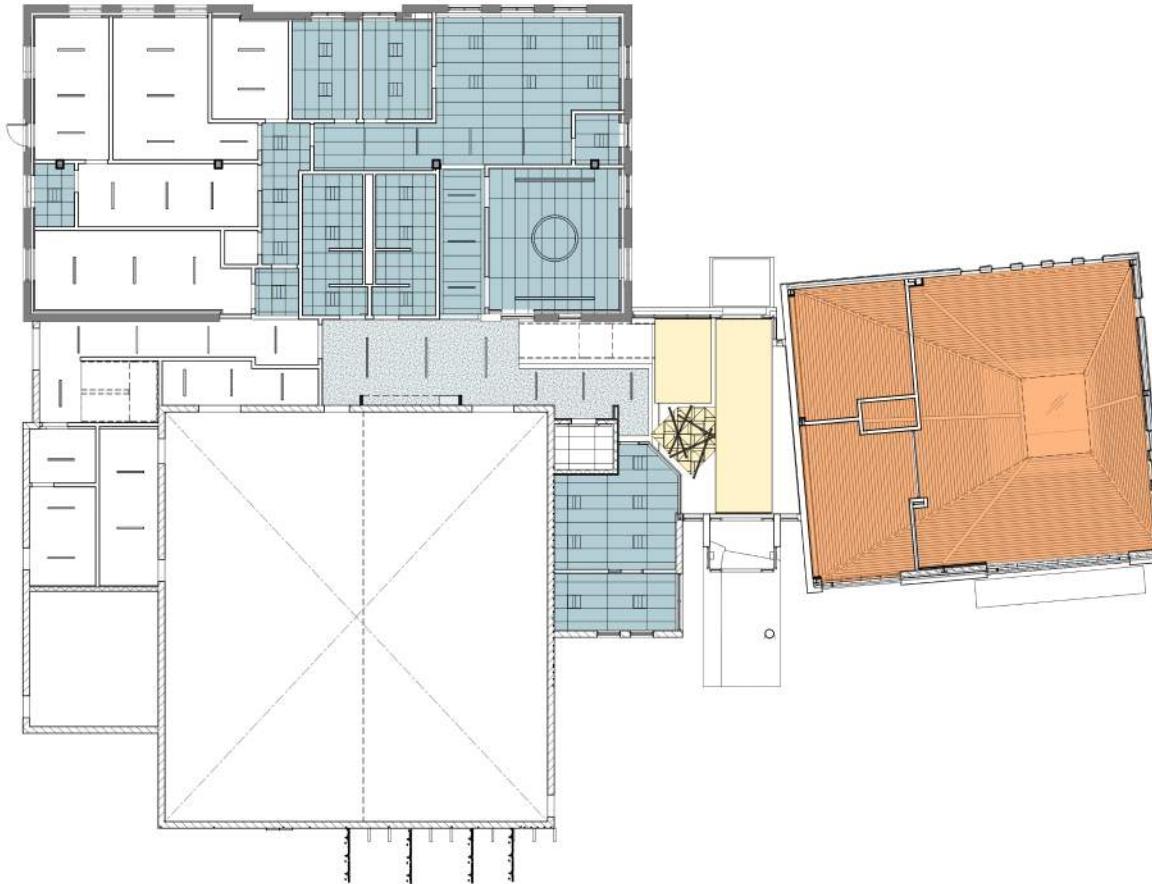


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Design Development

First Level Ceilings

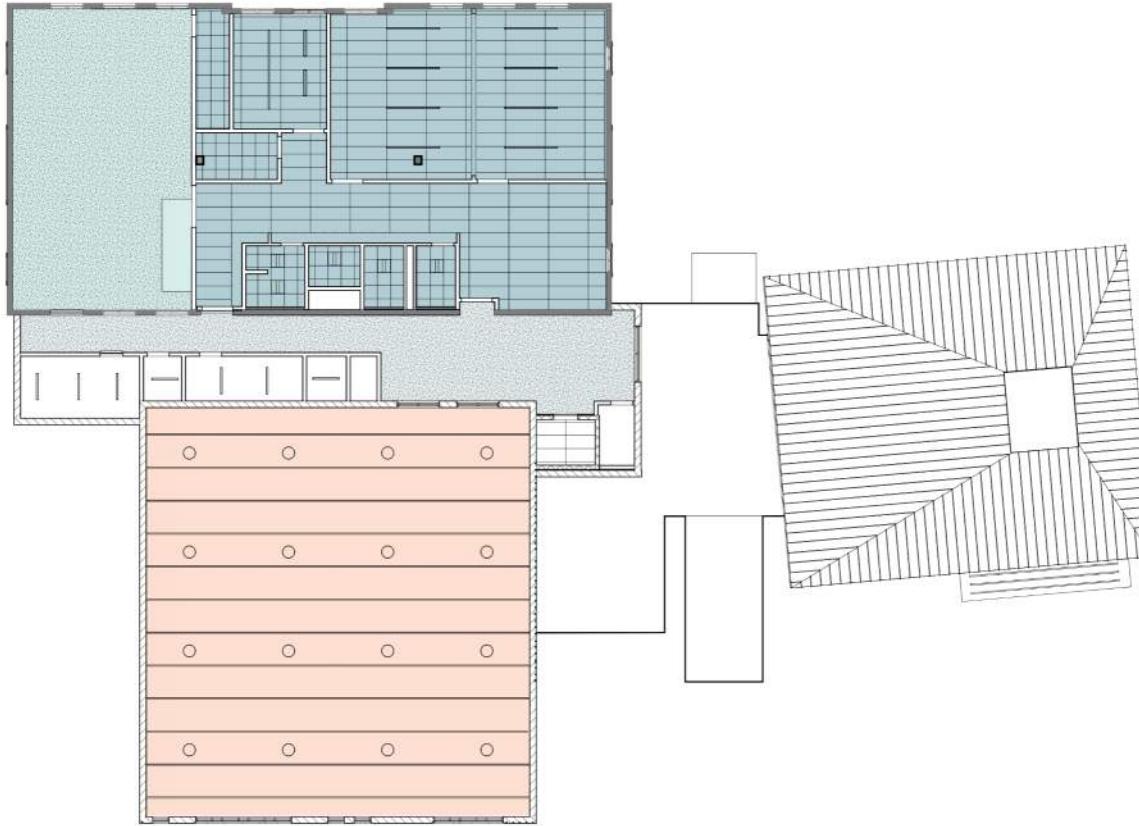


Ceiling Finishes

- Acoustic lay-in tile
- GWB
- Acoustic clouds
- Exposed structural wd. decking
- Acoustic metal decking
- Acoustic GWB
- Exposed / No Ceiling (no color)

Design Development

Second Level Ceilings



Ceiling Finishes

- Acoustic lay-in tile
- GWB
- Acoustic clouds
- Exposed structural wd. decking
- Acoustic metal decking
- Acoustic GWB
- Exposed / No Ceiling (no color)

Selection of Final Finishes and Materials

Finishes Sub-committee

- Similar to other sub-committees
- Smaller group to review FM work and report back to full Building Committee
- Meetings to start in about 1 month