

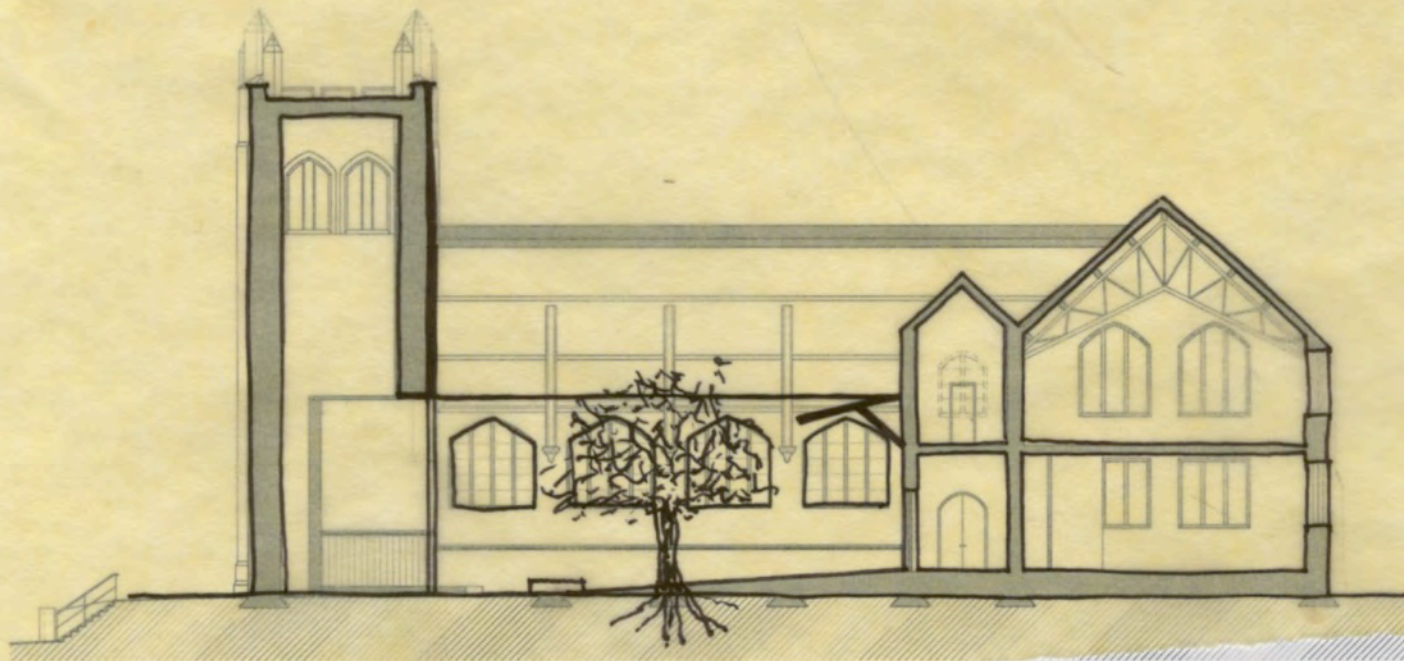
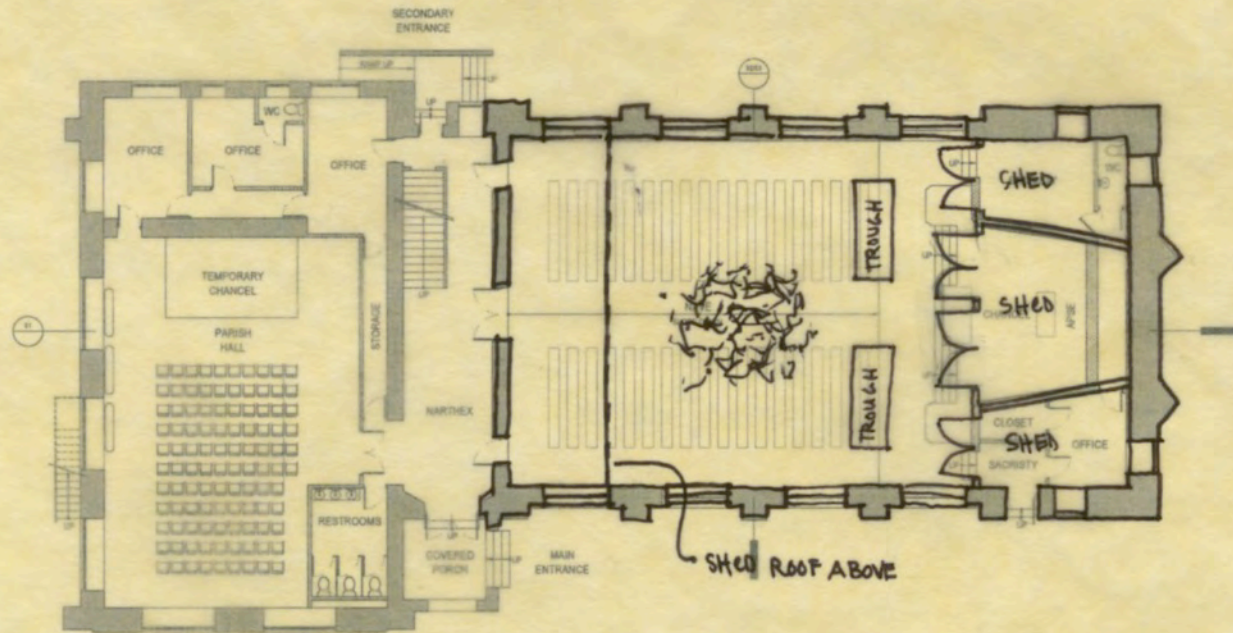
# DRAWING OBJECTIVES

EVA MCCARTHY | SPRING 2019  
COMPILATION OF WORK

Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

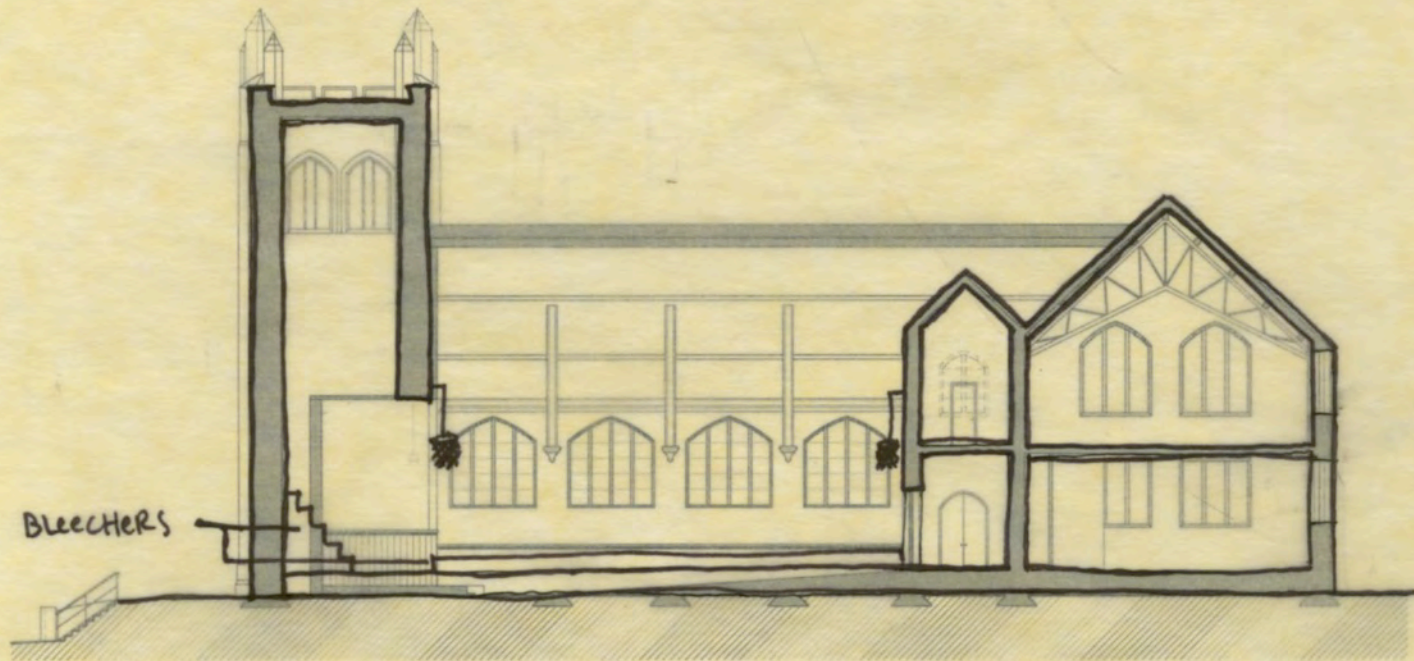
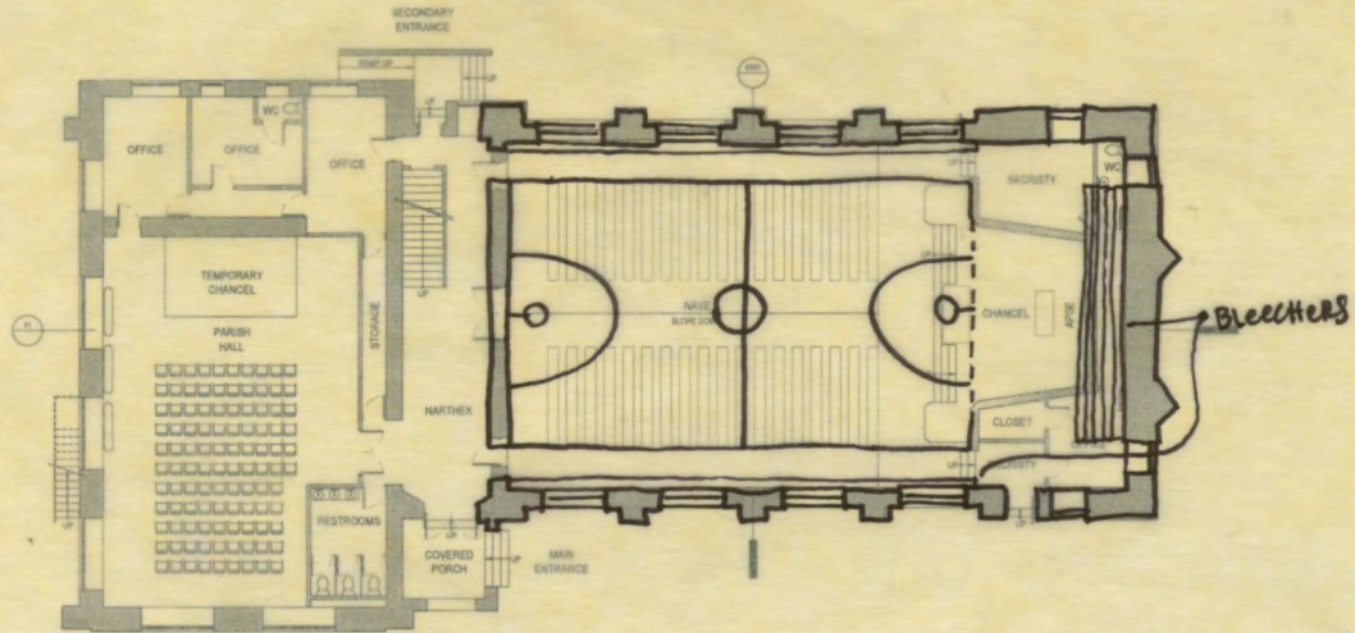
**process** | architectural program development

ANIMAL SANCTUARY - NO ROOF



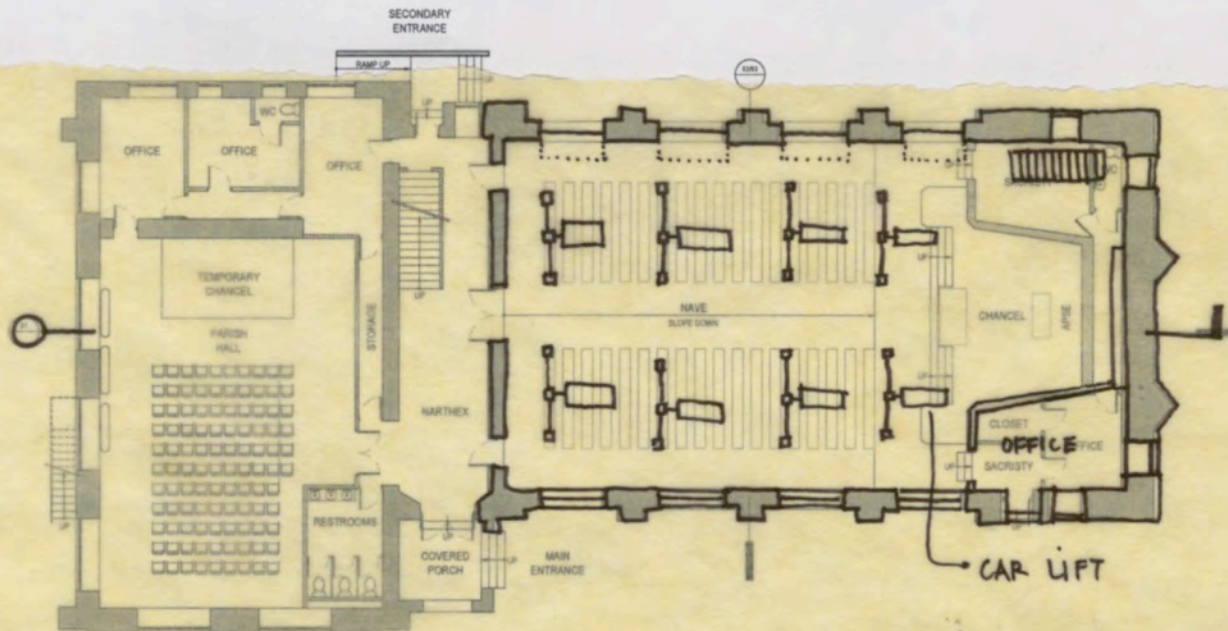


BASKETBALL COURT



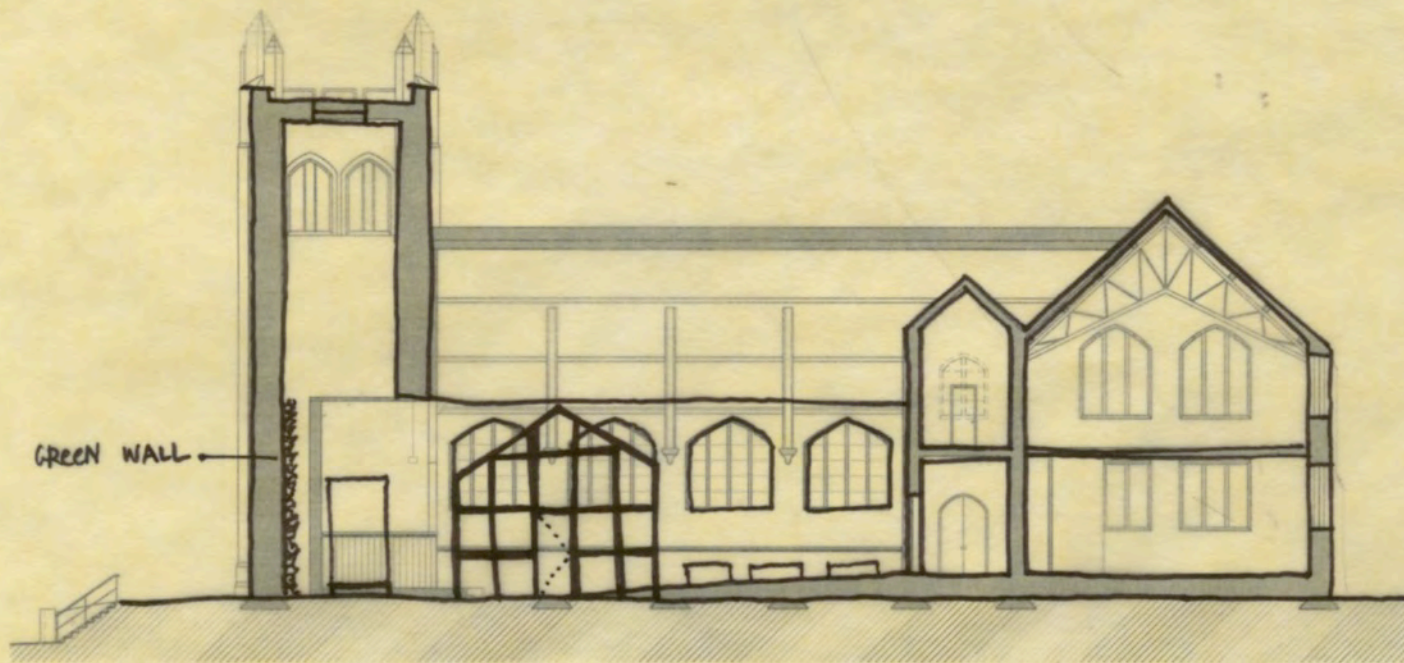
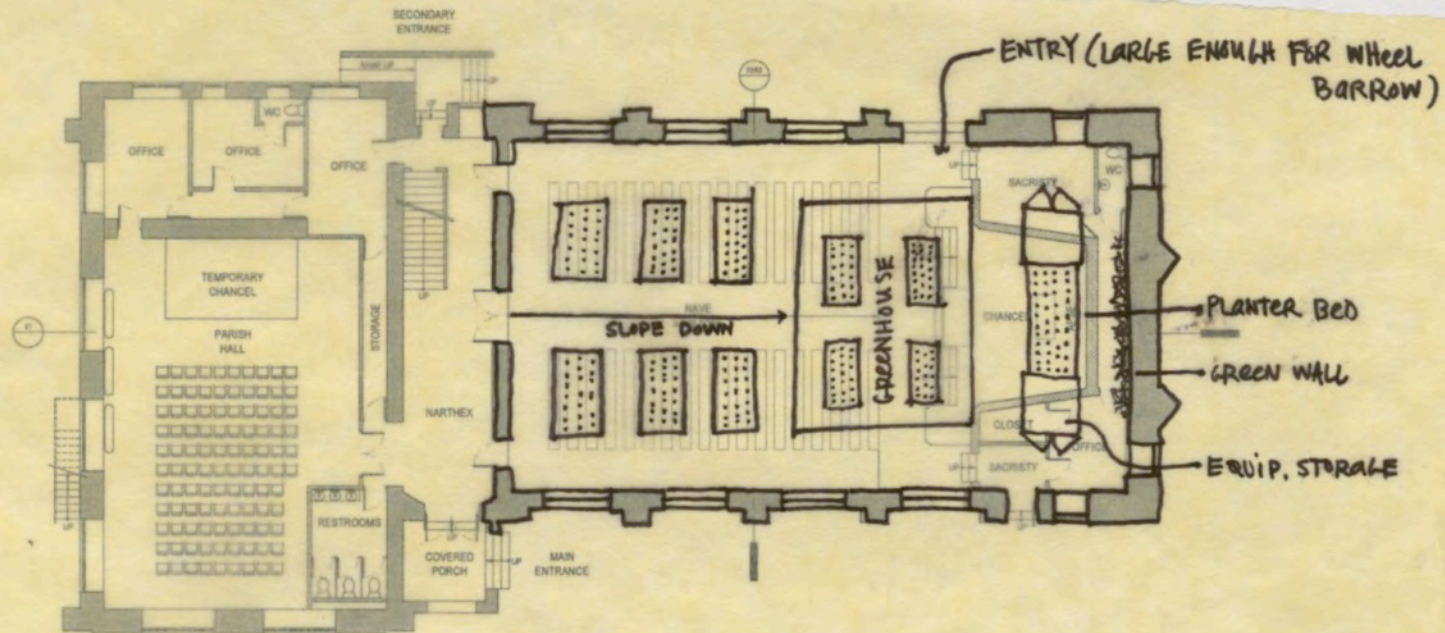


CAR REPAIR TRAINING/SHOP  
(1/2 BIKE 1/2 CAR?)

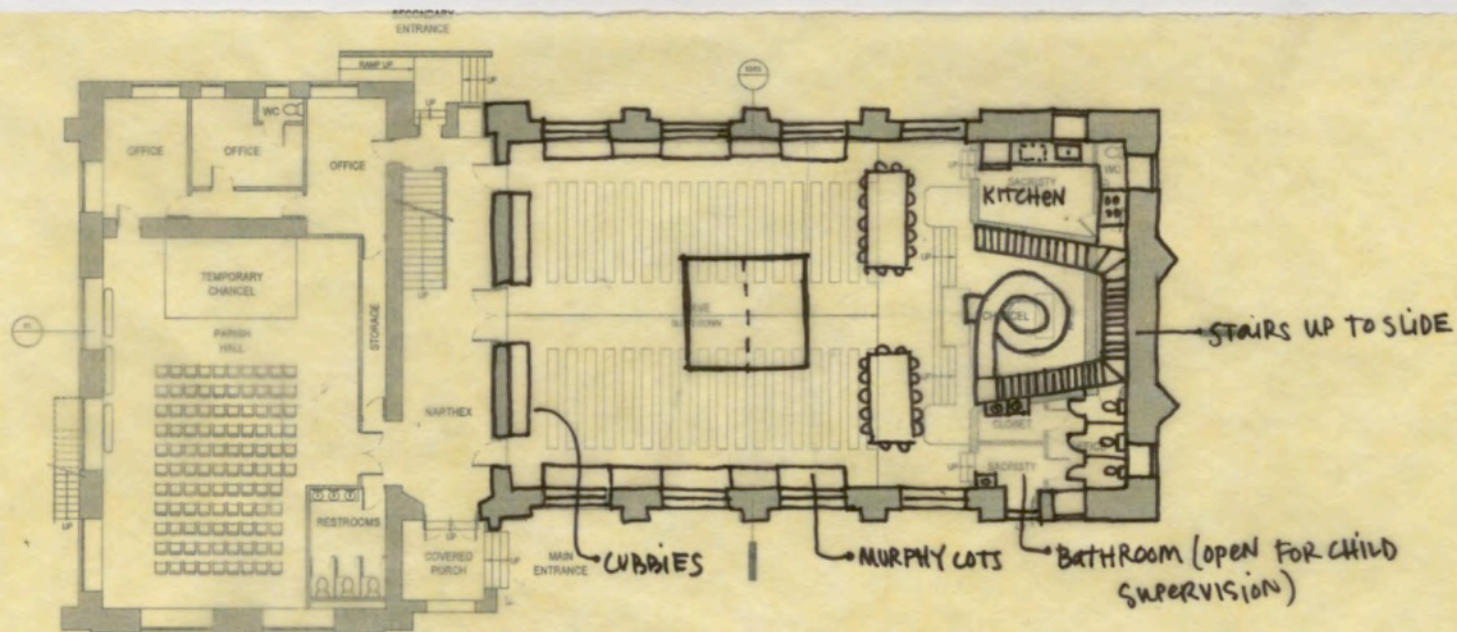




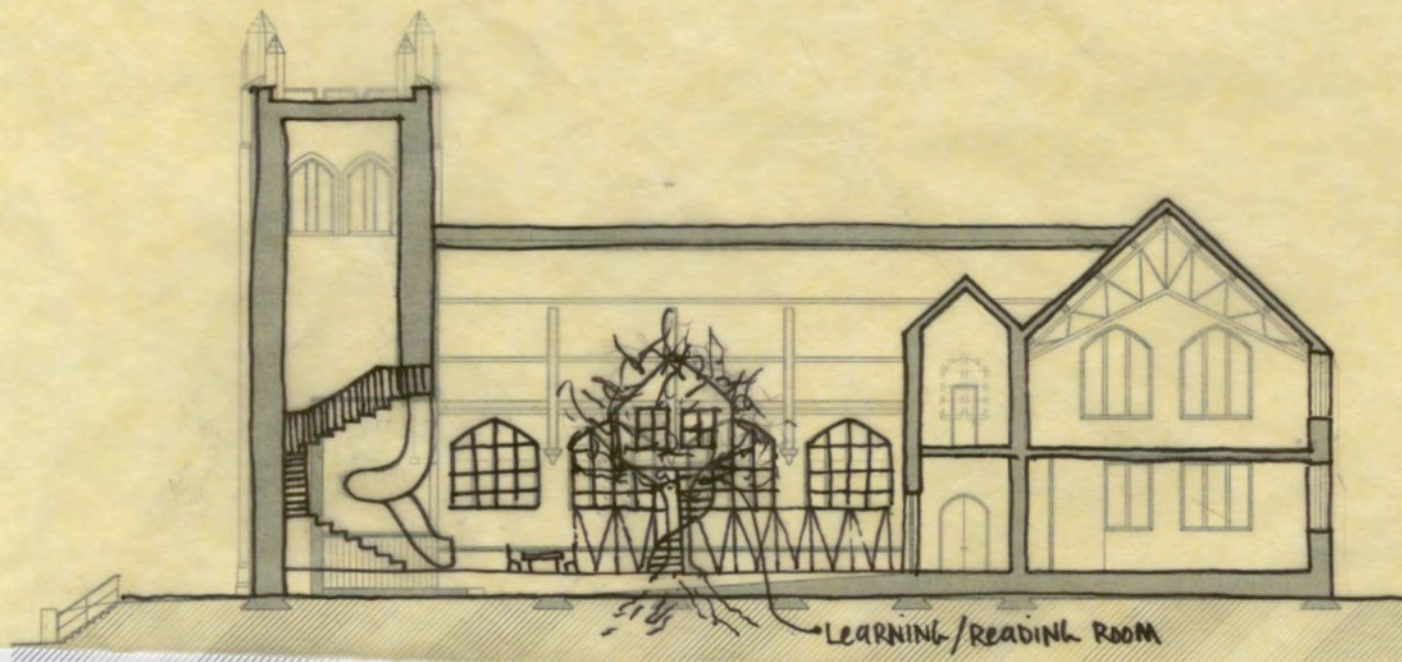
# COMMUNITY GARDEN - NO ROOF







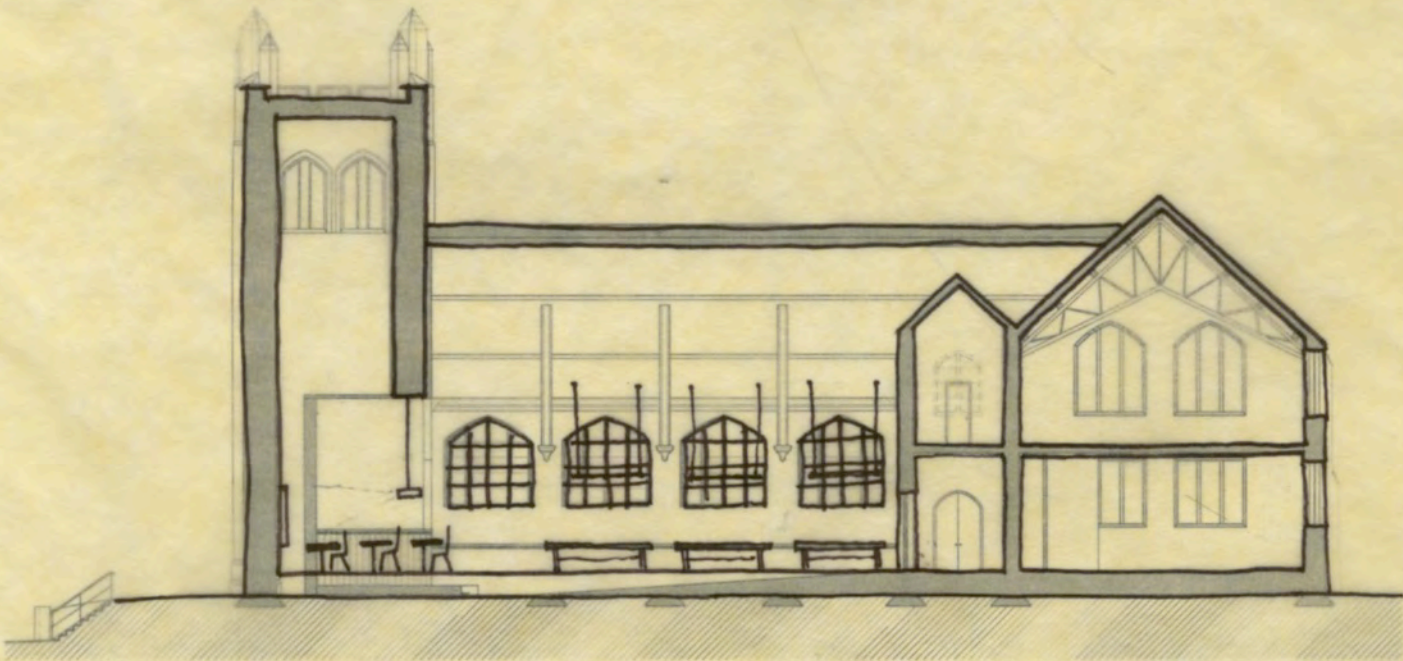
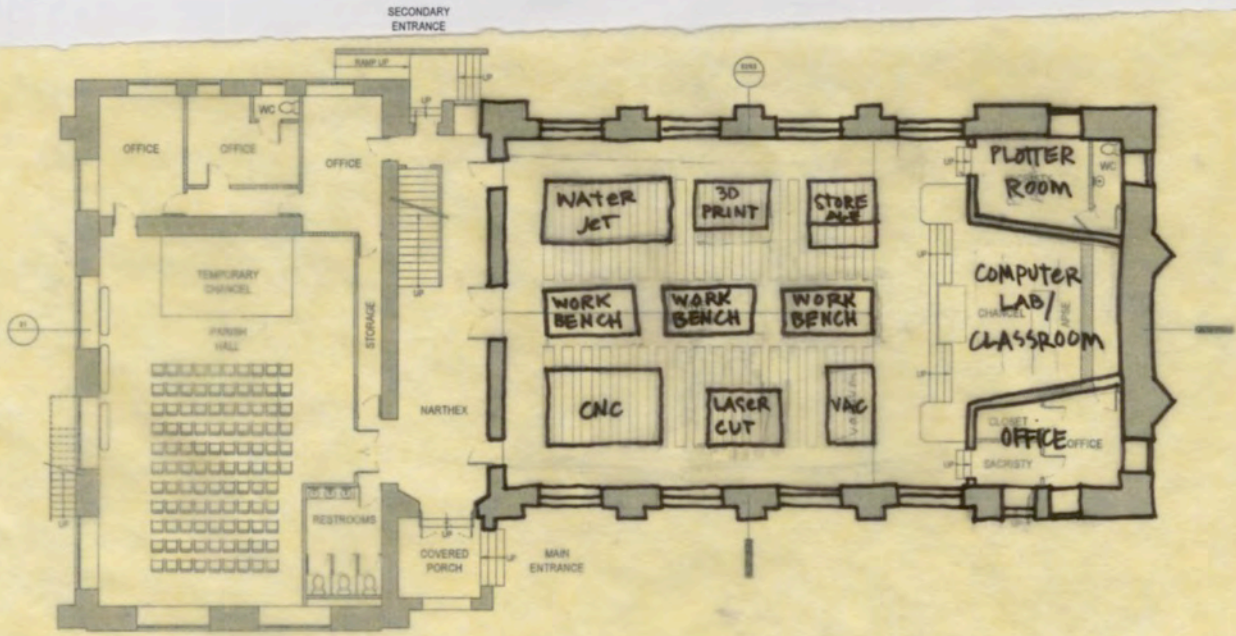
DAYCARE





# DIGITAL FABRICATION SHOP/TRAINING

- CNC
- LASER CUTTING
- 3D PRINTING
- VACUUM FORMING
- VINYL CUTTING
- PLOTTING
- WATER JET

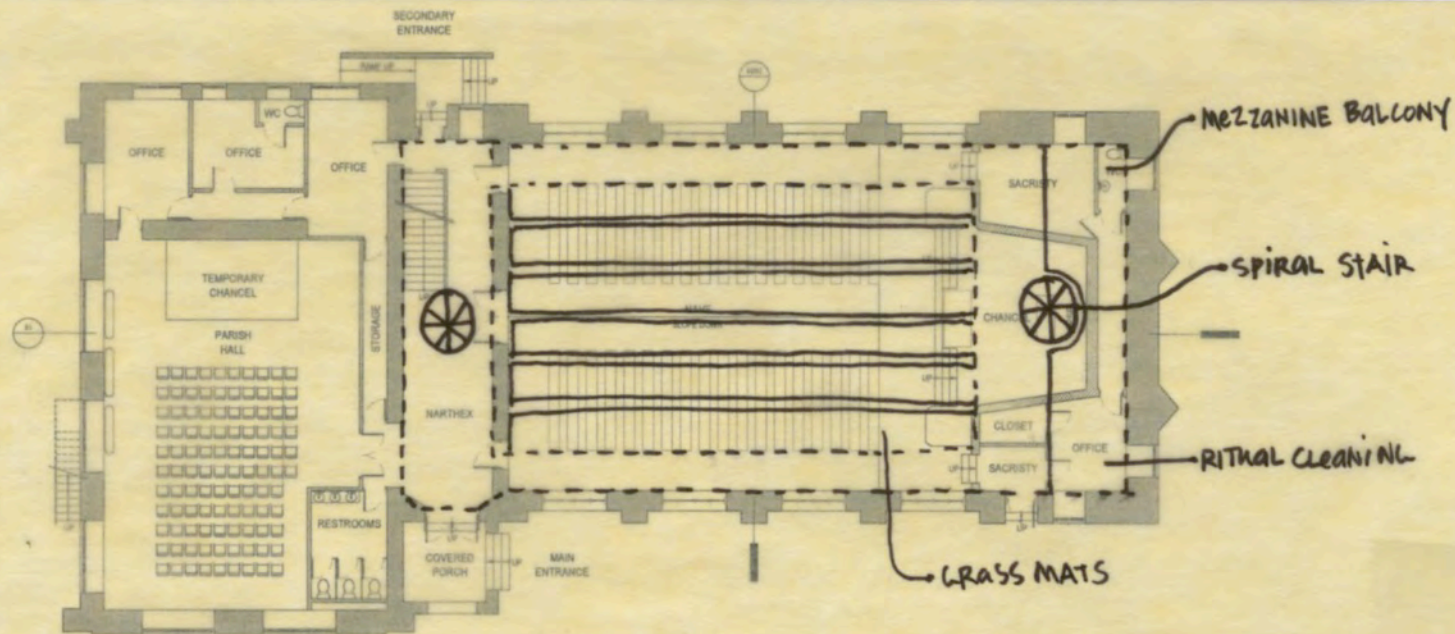




# DOJO (MARTIAL ARTS)

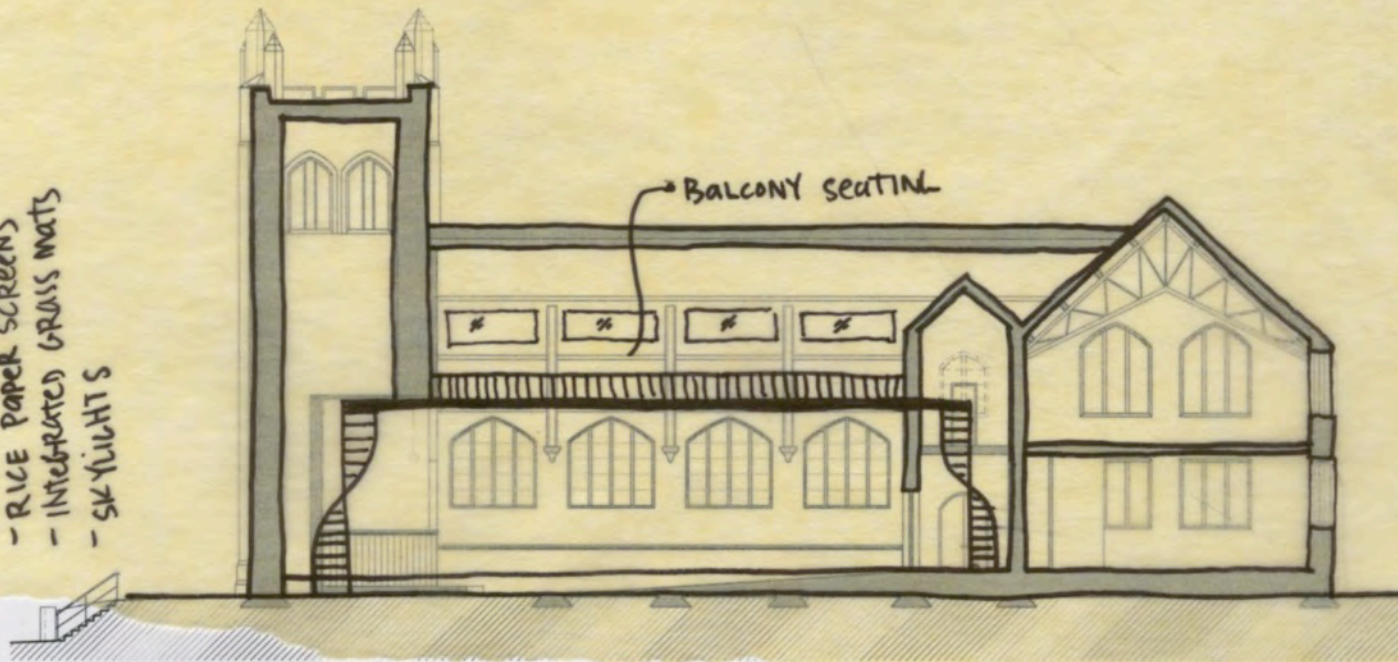
## NOTEWORTHY CHARACTERISTICS:

- NO SHOES
- SPACE FOR RITUAL CLEANING
- MAINTAINED BY STUDENTS



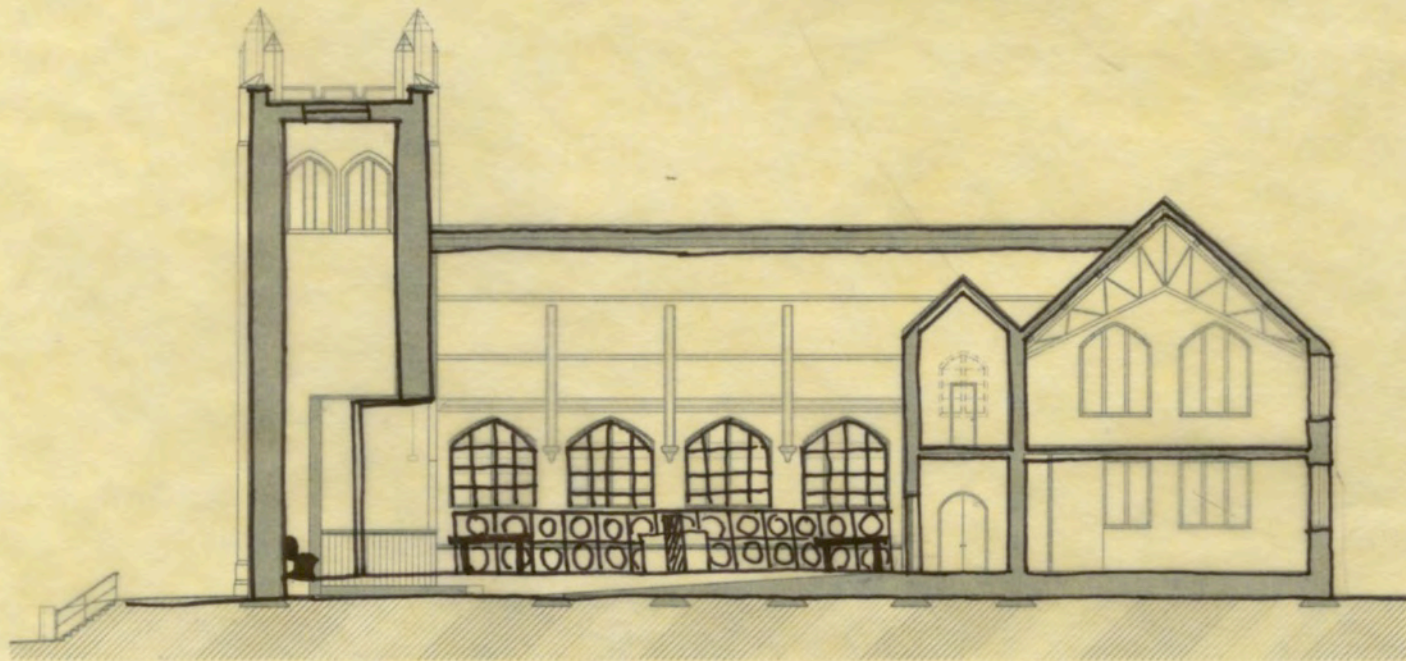
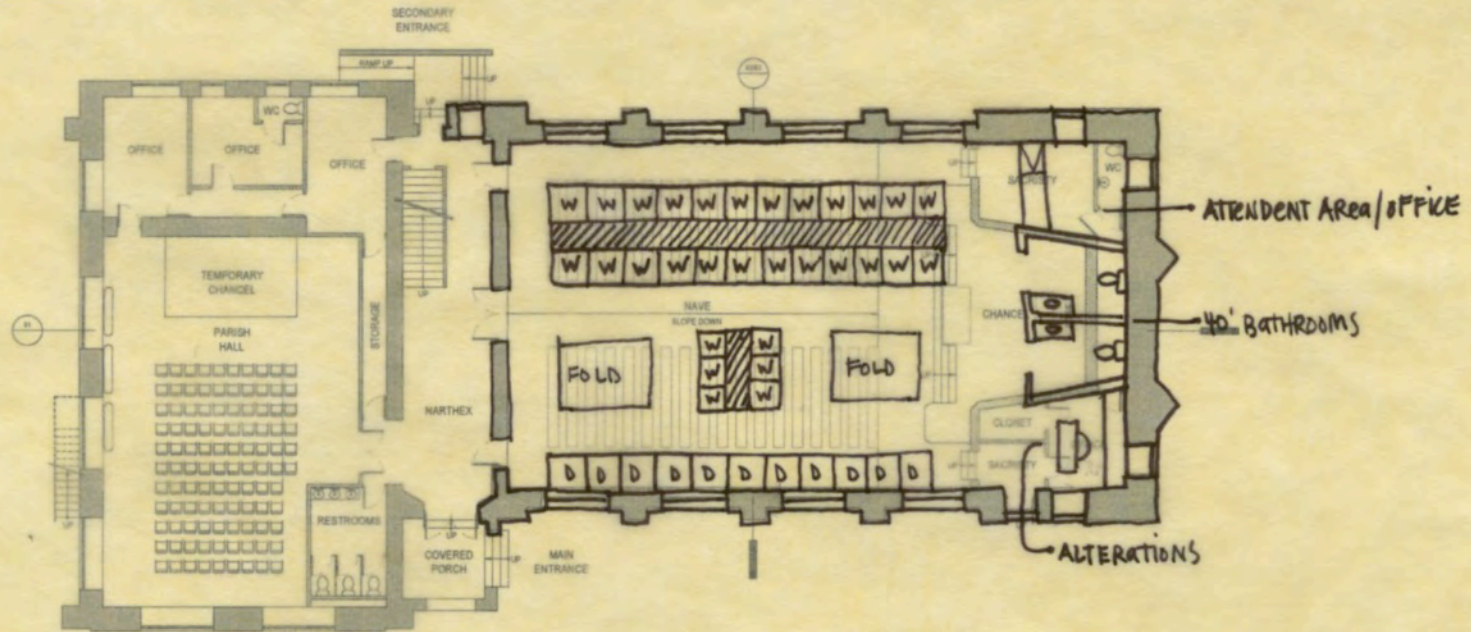
## TRADITIONAL MATERIALS:

- DARK WOOD
- RICE PAPER SCREENS
- INTEGRATED GRASS MATS
- SKYLIGHTS





# LAUNDROMAT





• KITCHEN APPLIANCES

• TOOLS

• GARDENING EQUIPMENT + SEEDS

• ELECTRONICS

• TOYS + GAMES

• ART SUPPLIES

• SCIENCE KITS

• MUSICAL INSTRUMENTS

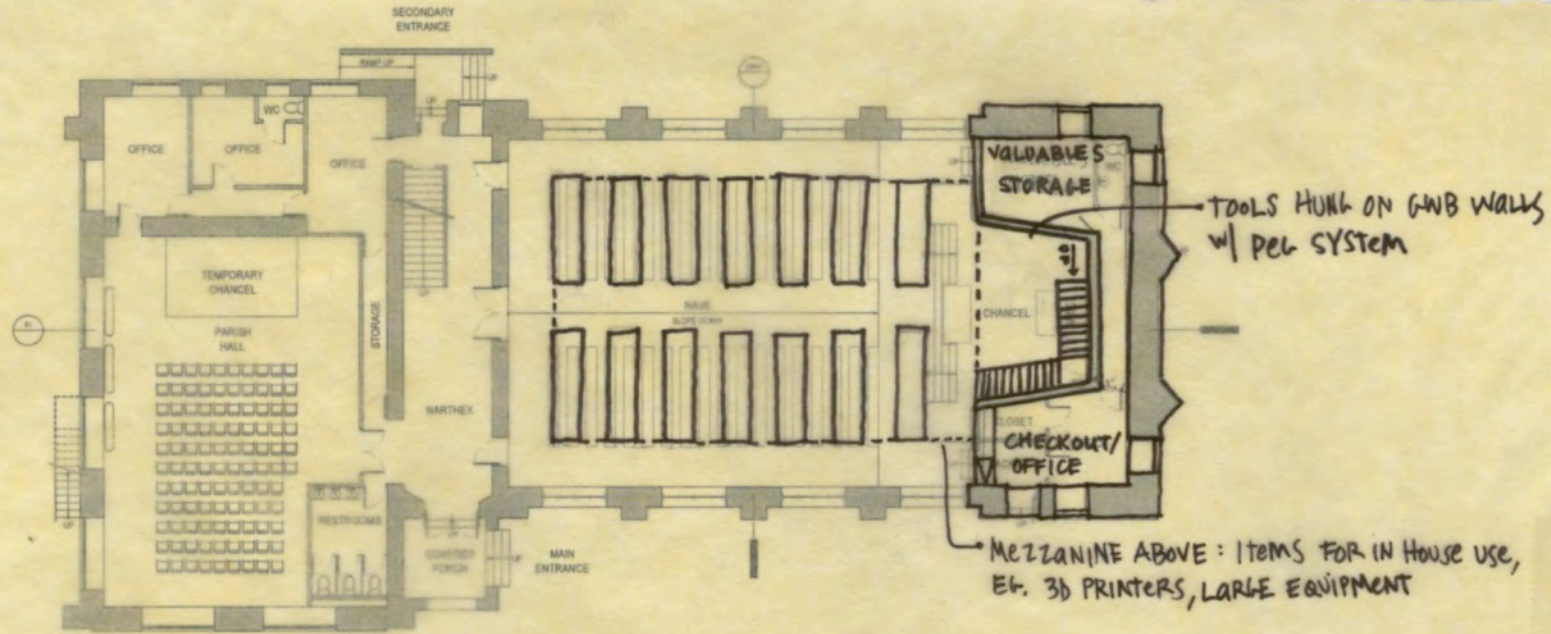
• RECREATIONAL EQUIPMENT

## LIBRARY OF THINGS

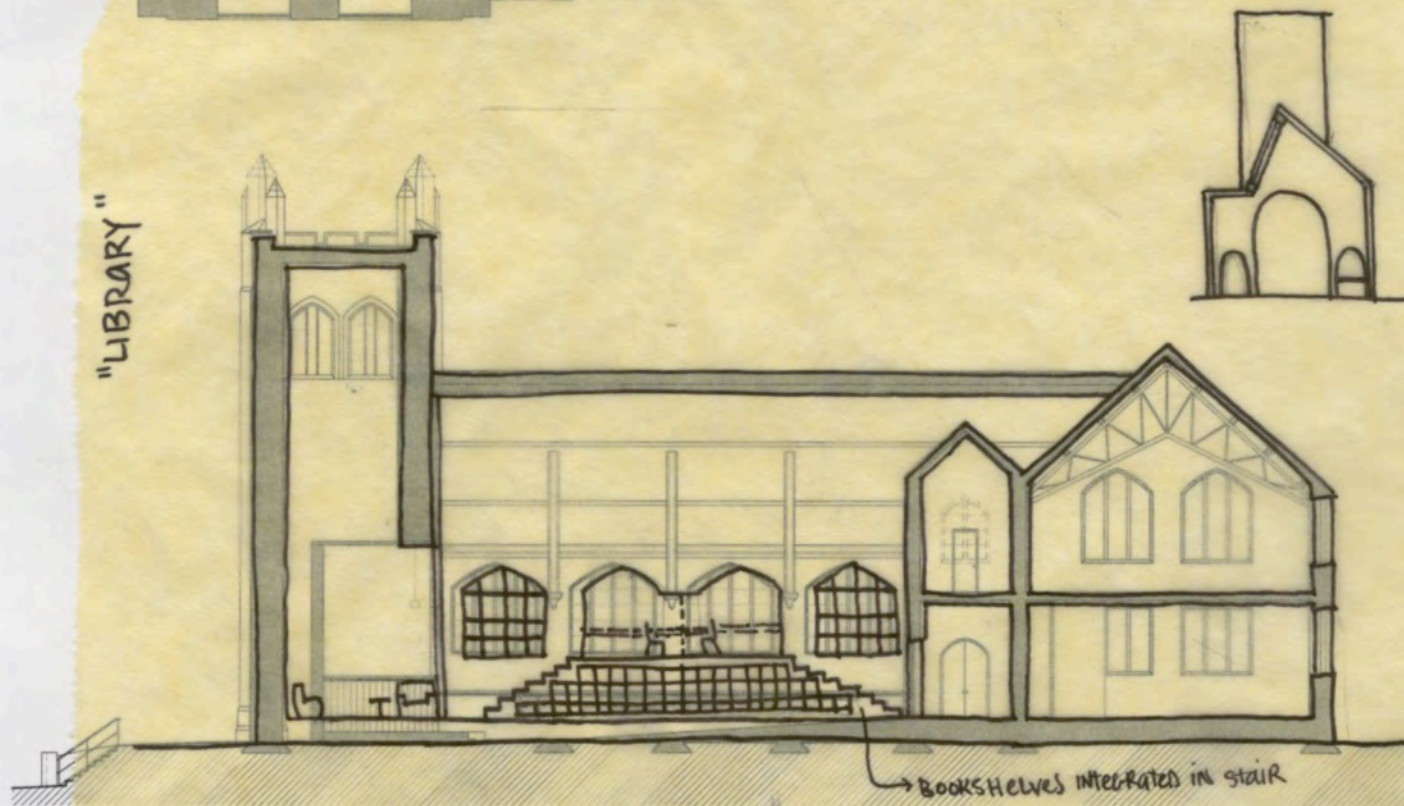
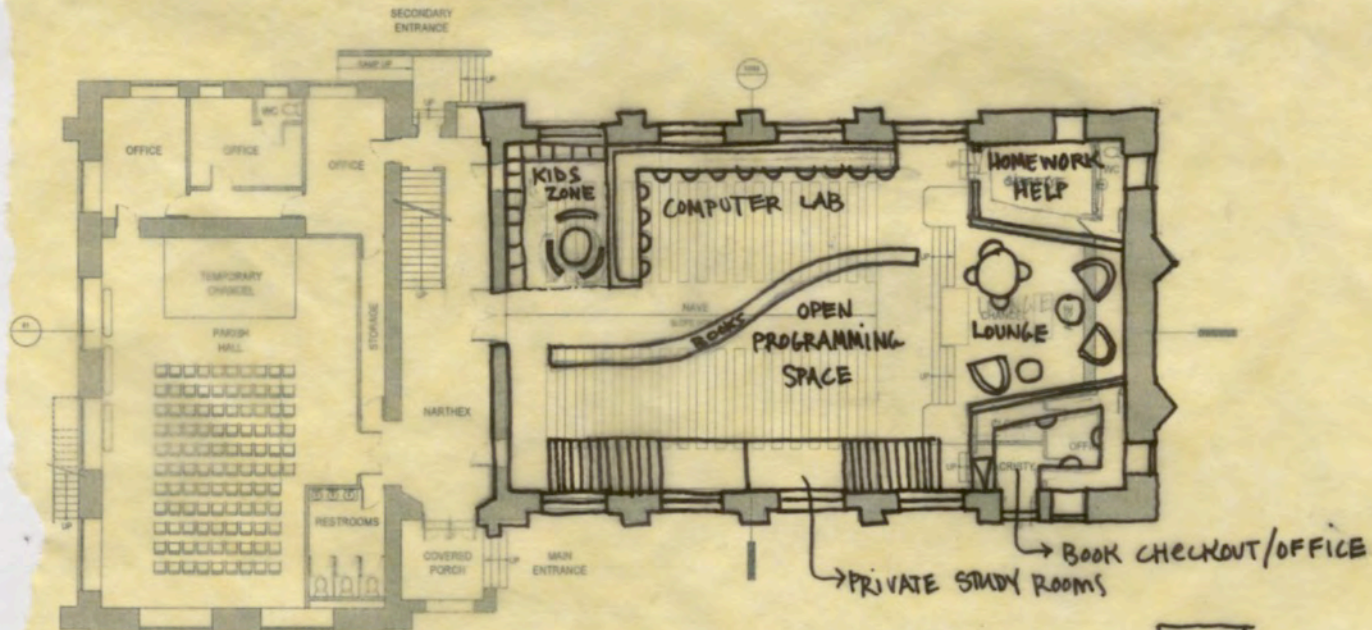
• SEWING MACHINES

• TECH TOOLS

• SCREEN PRINTERS



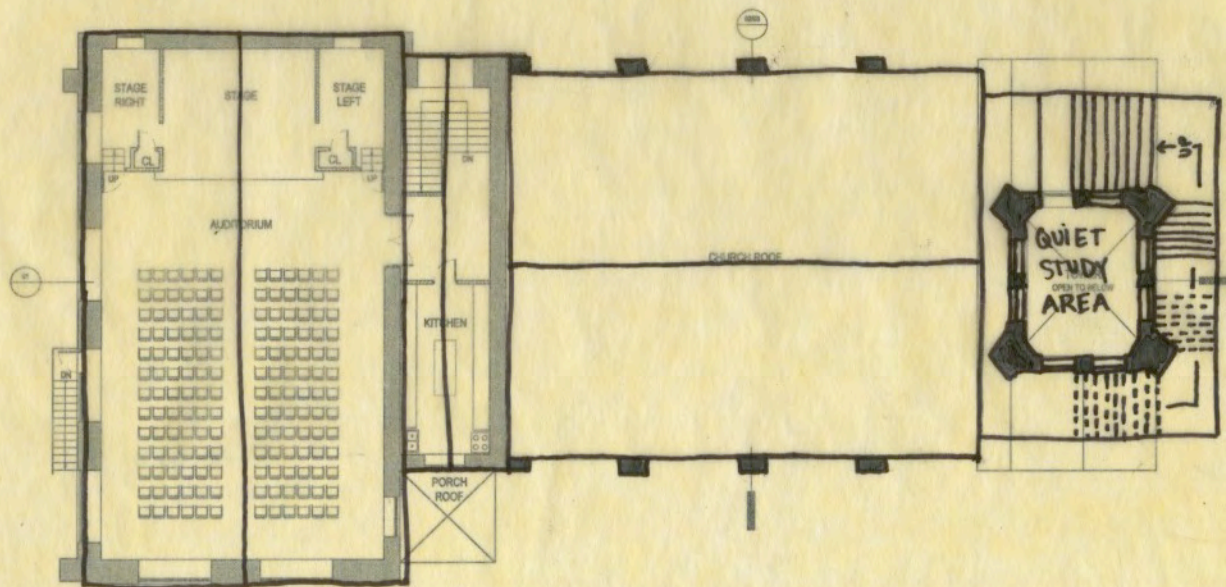
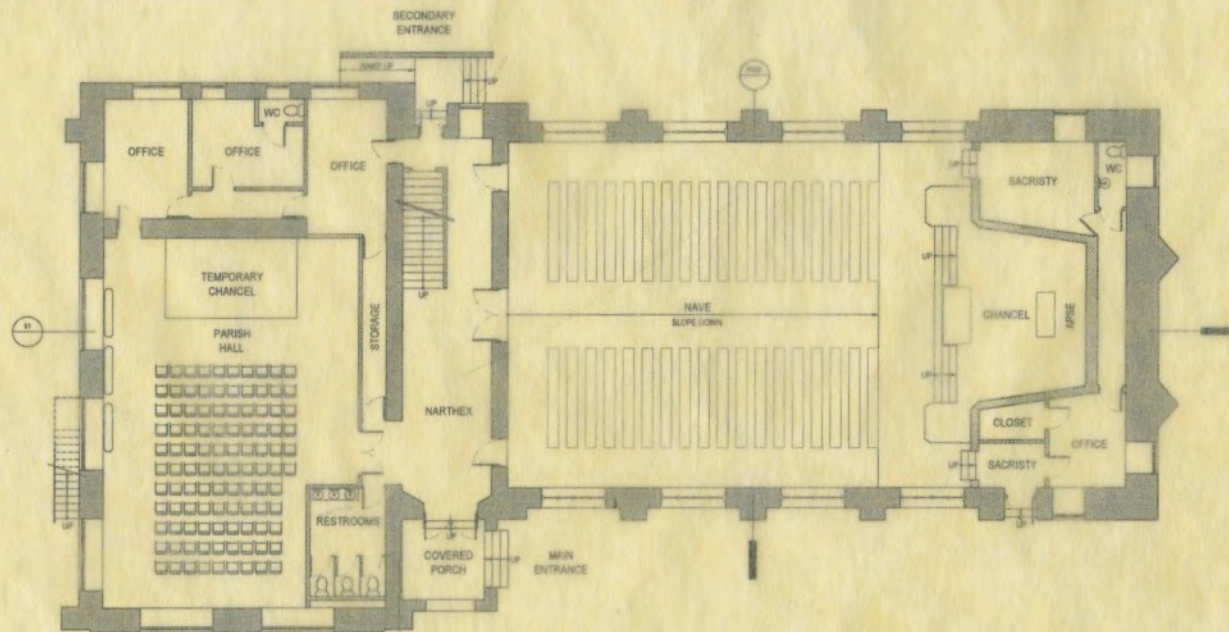




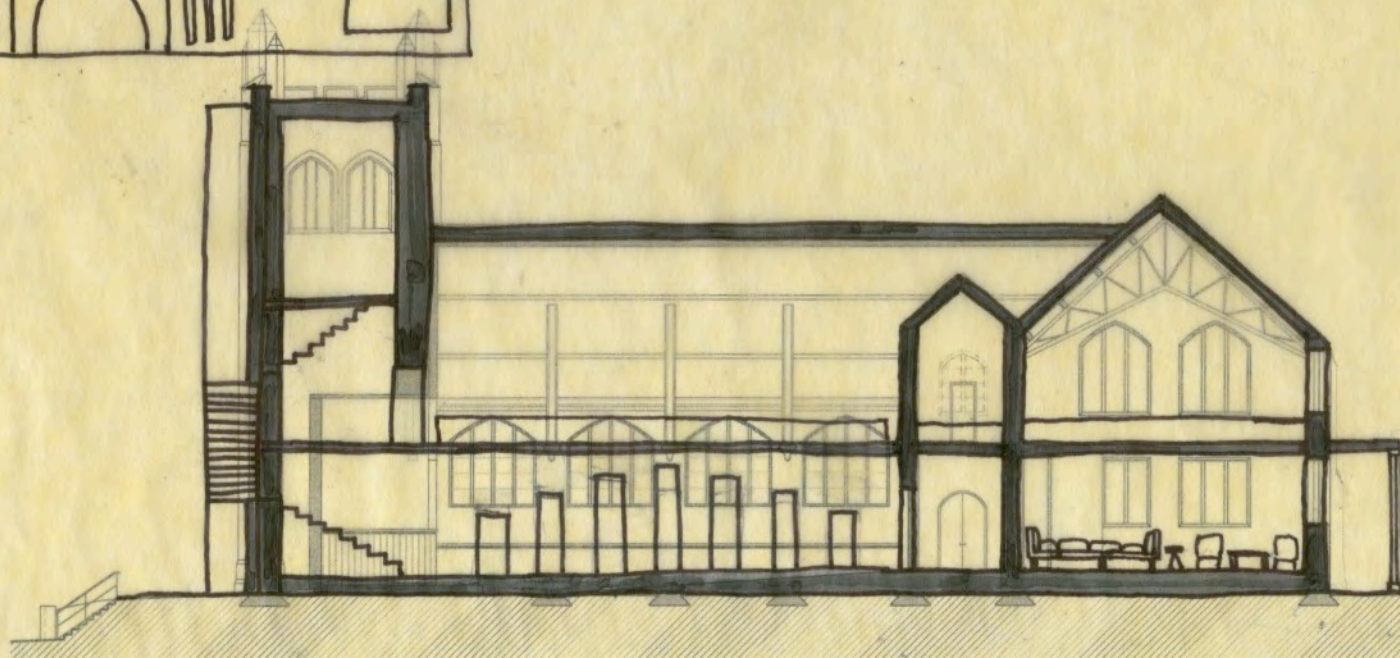
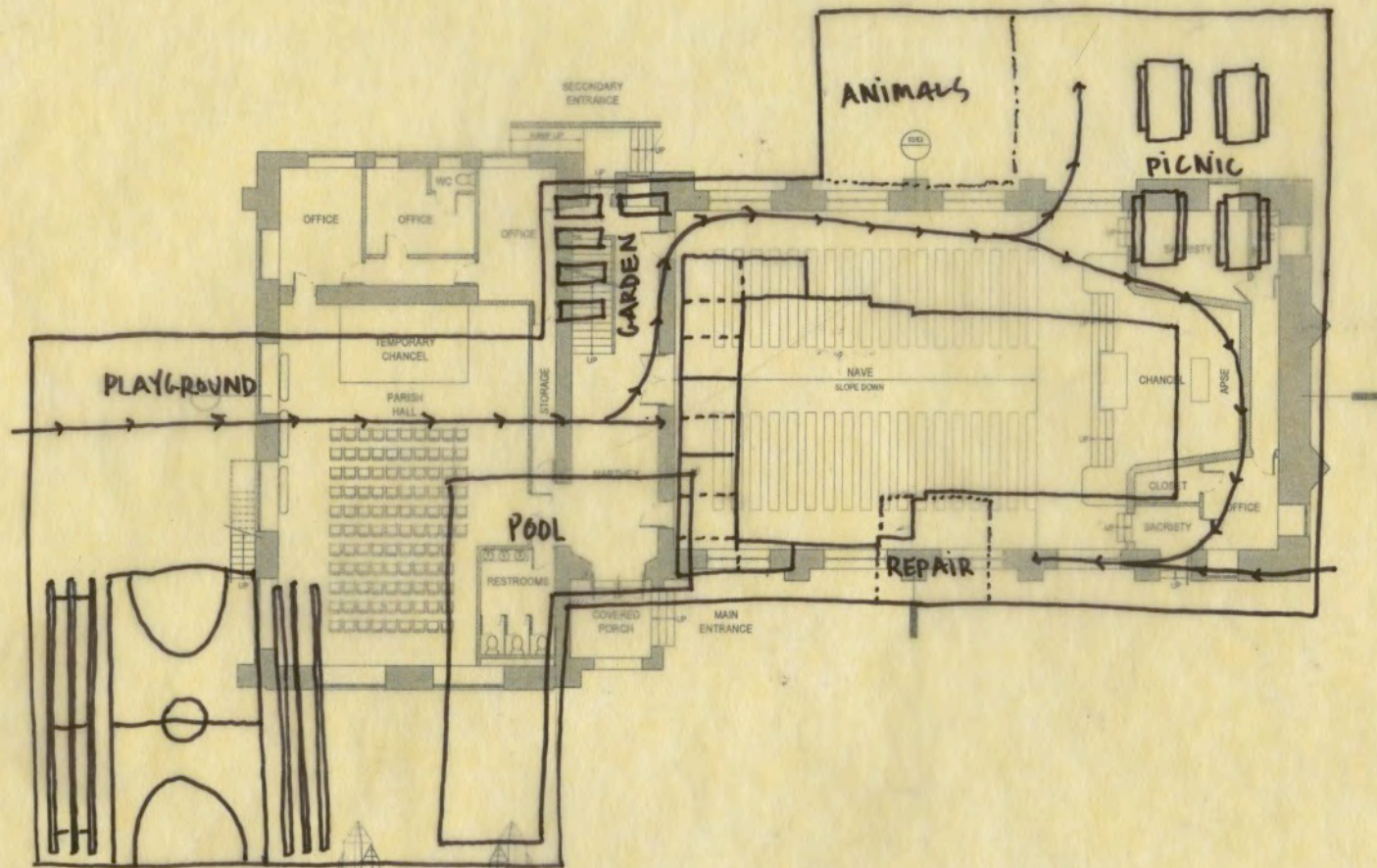






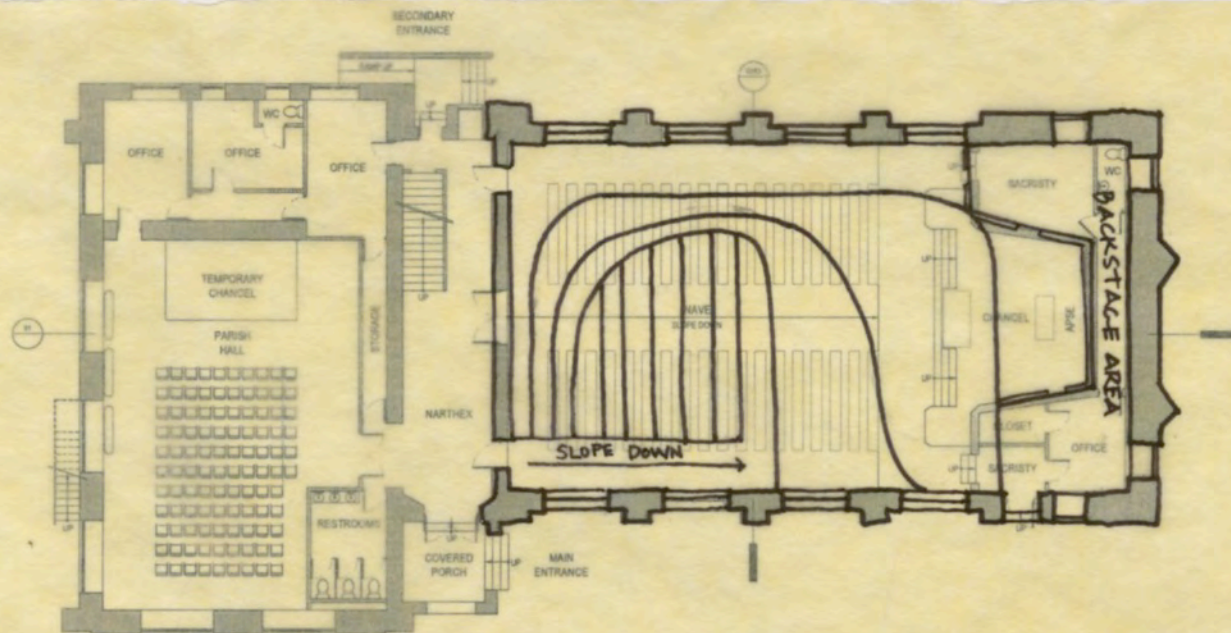
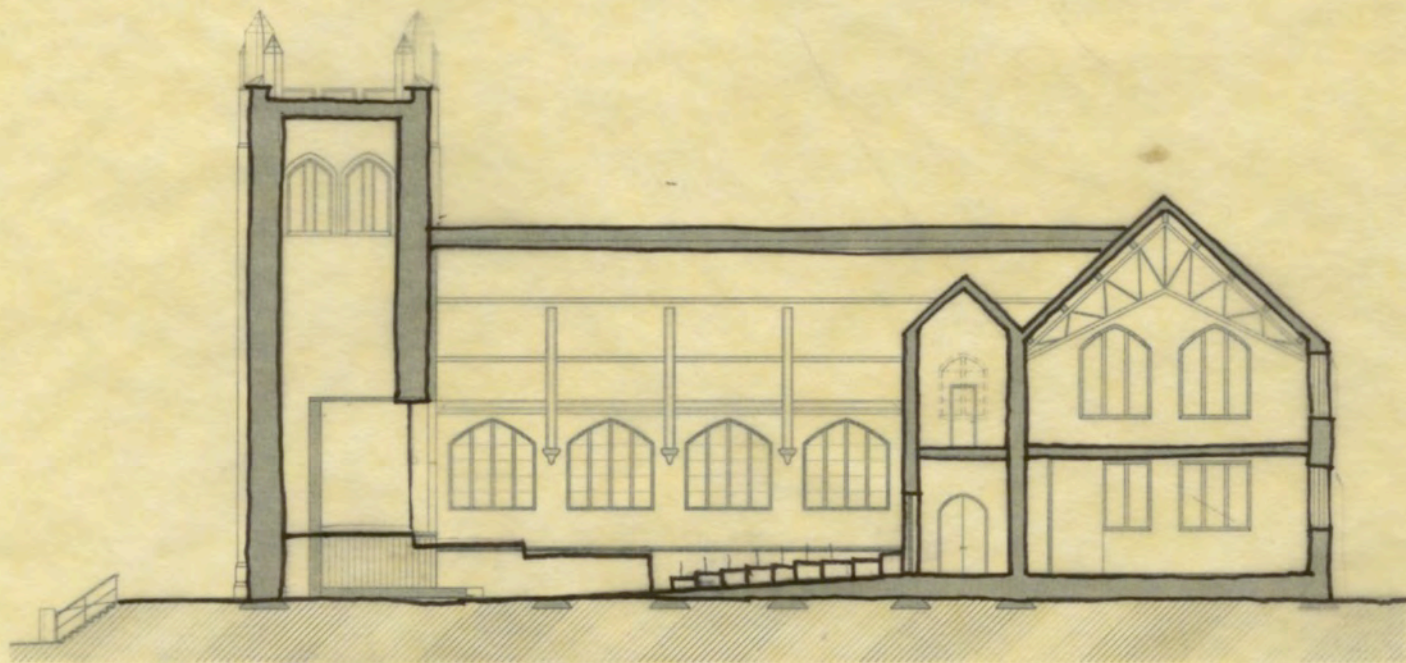




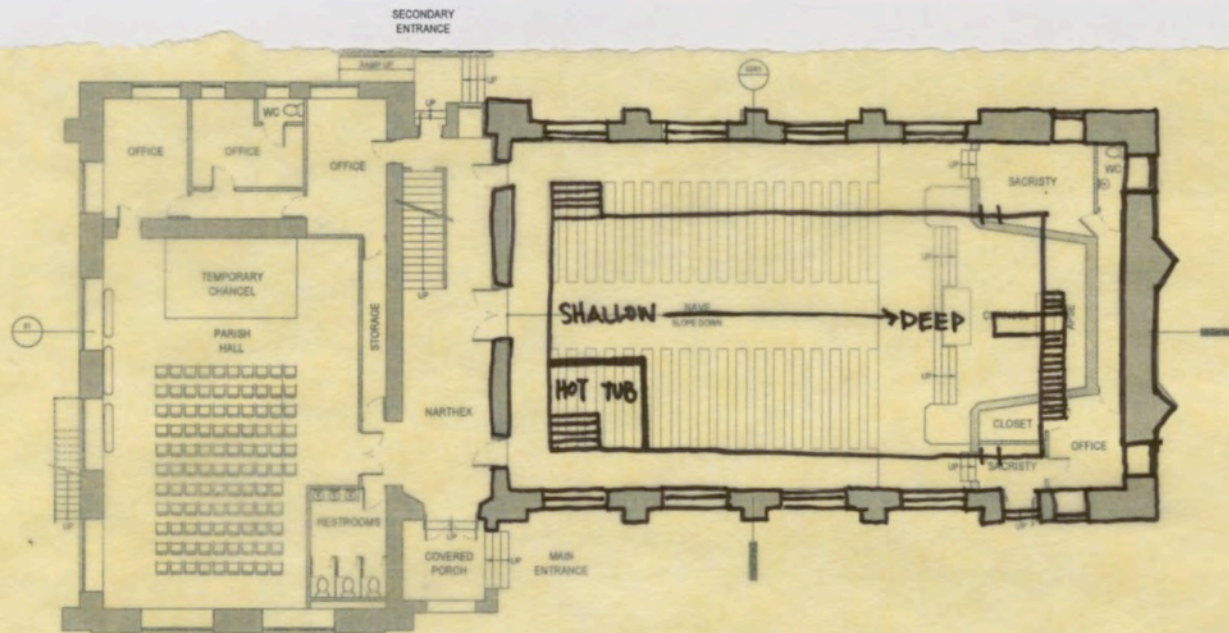




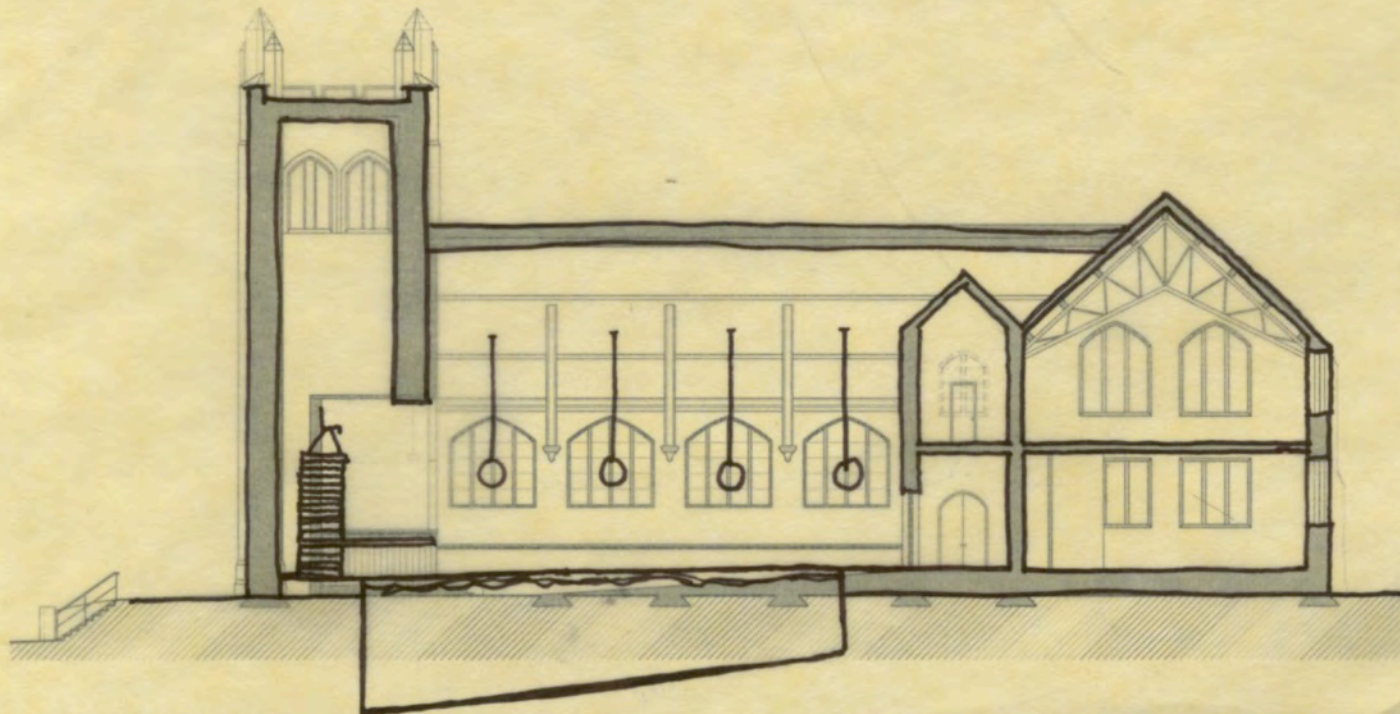
PERFORMANCE SPACE





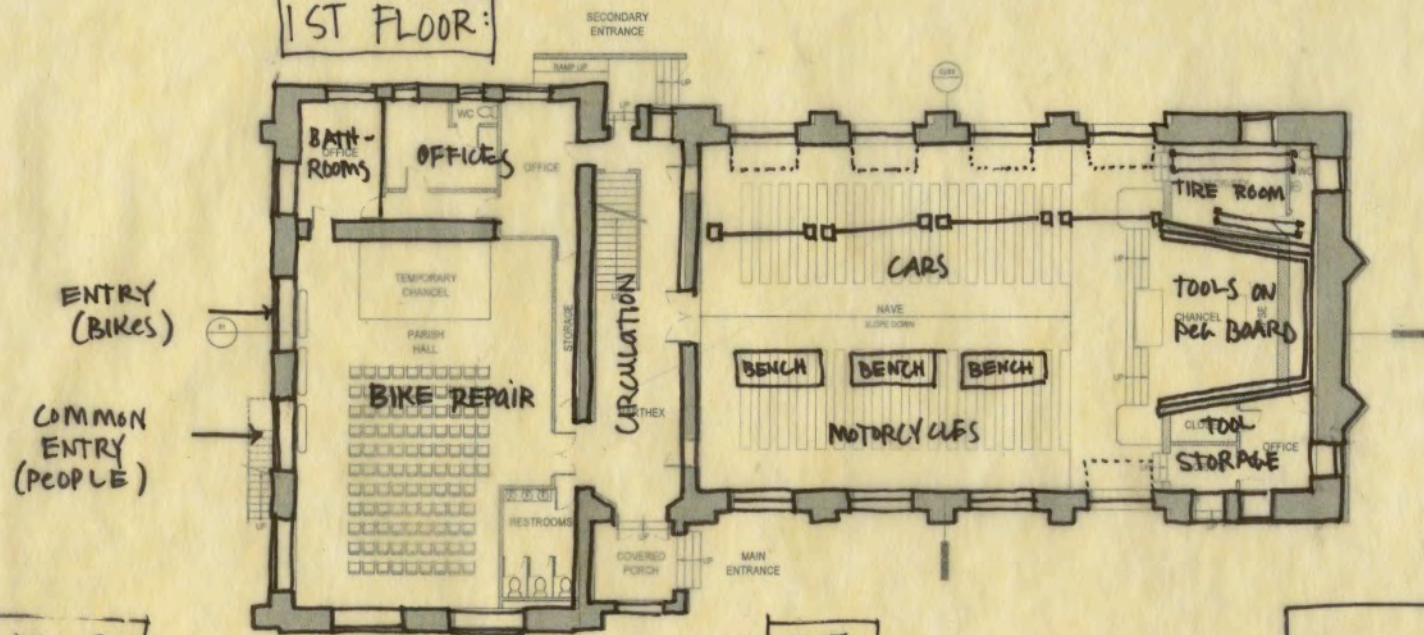


POOL

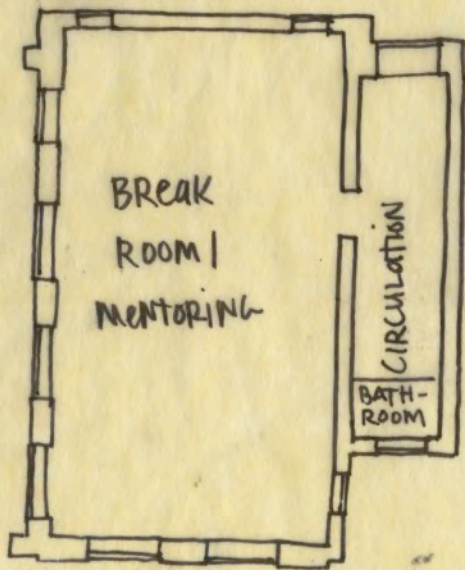




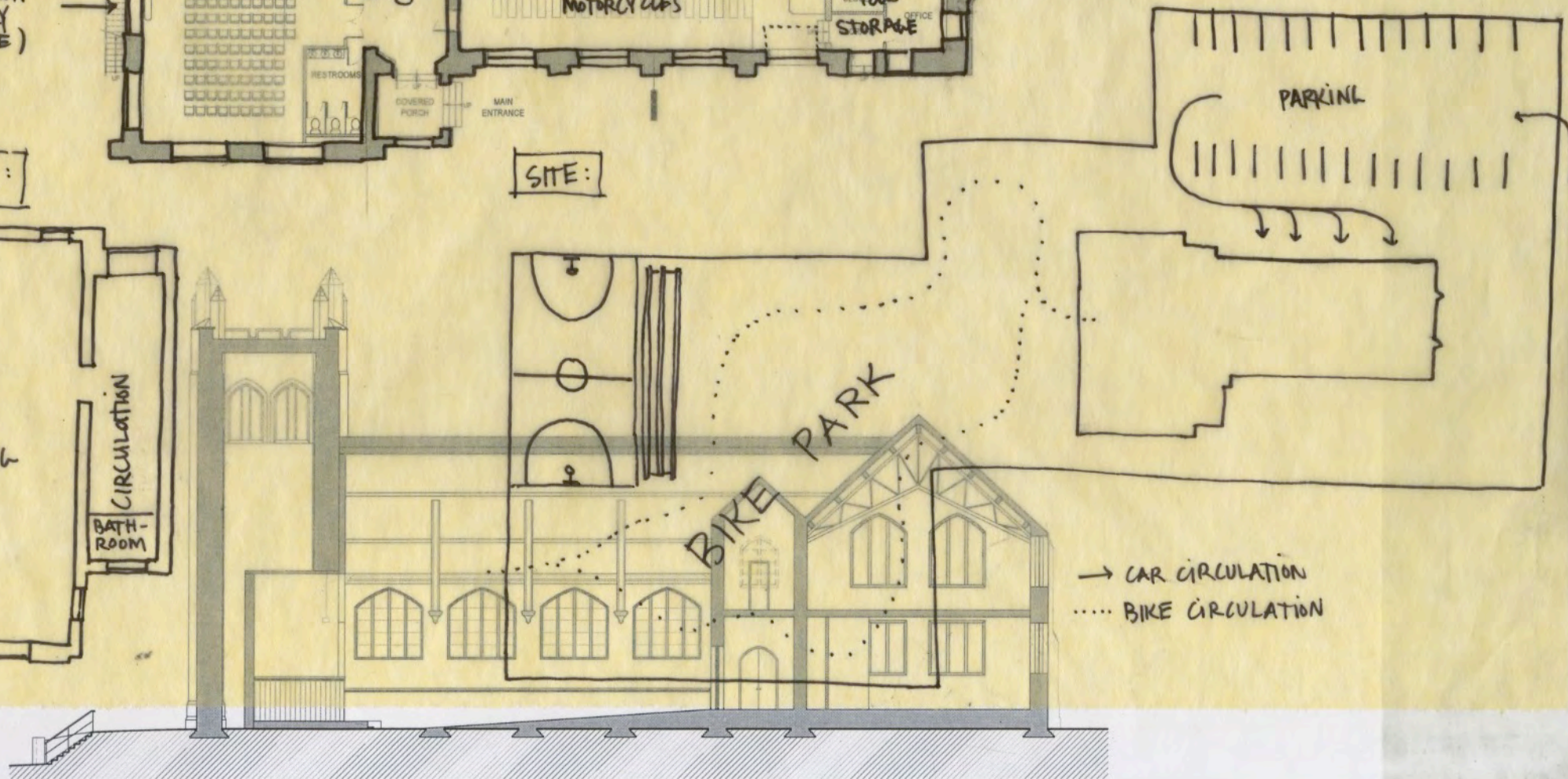
# 1ST FLOOR:



# 2ND FLOOR:

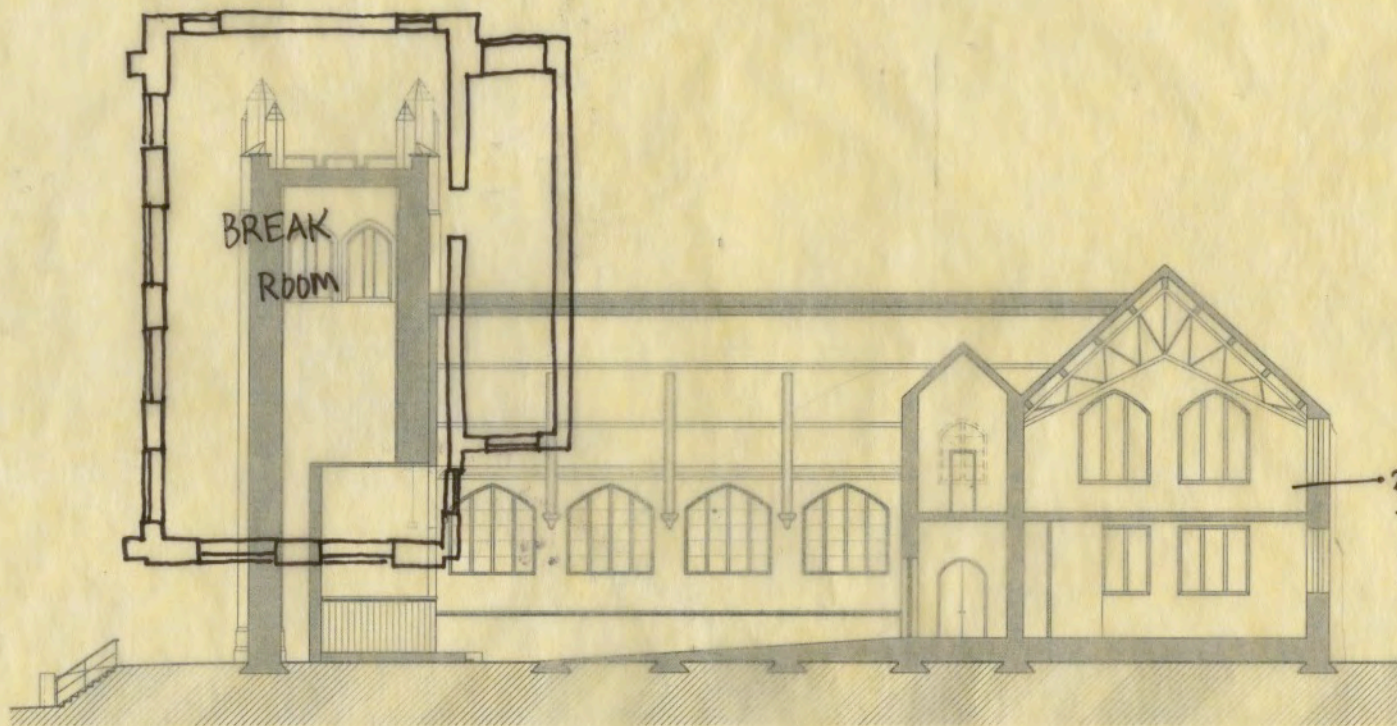
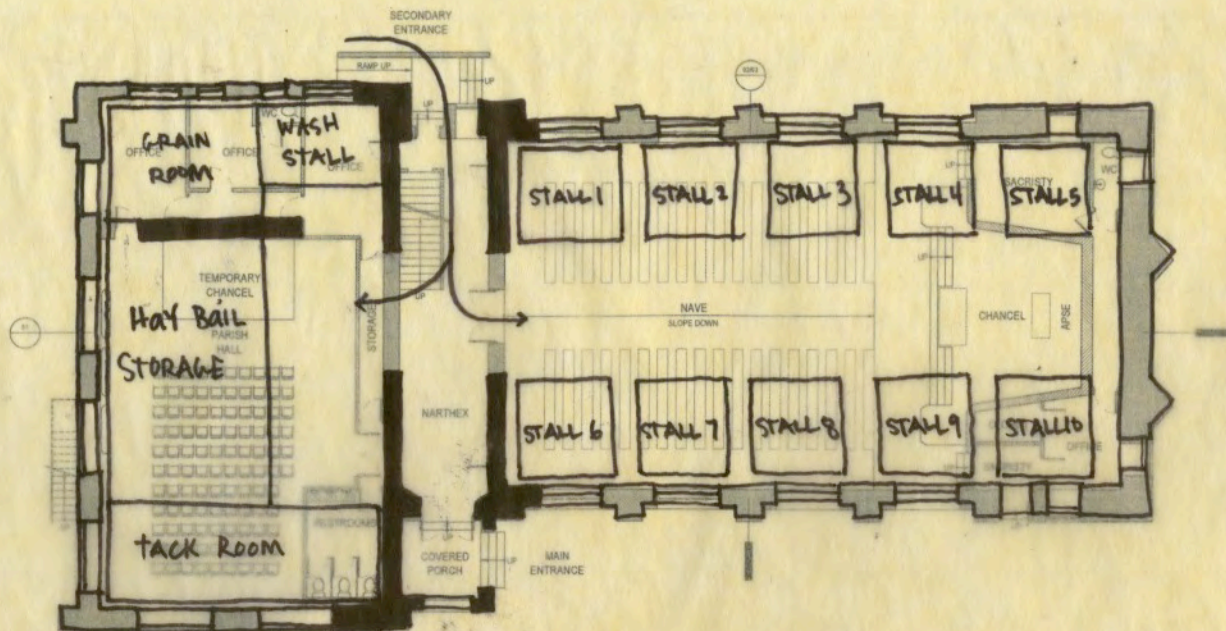


# SITE:





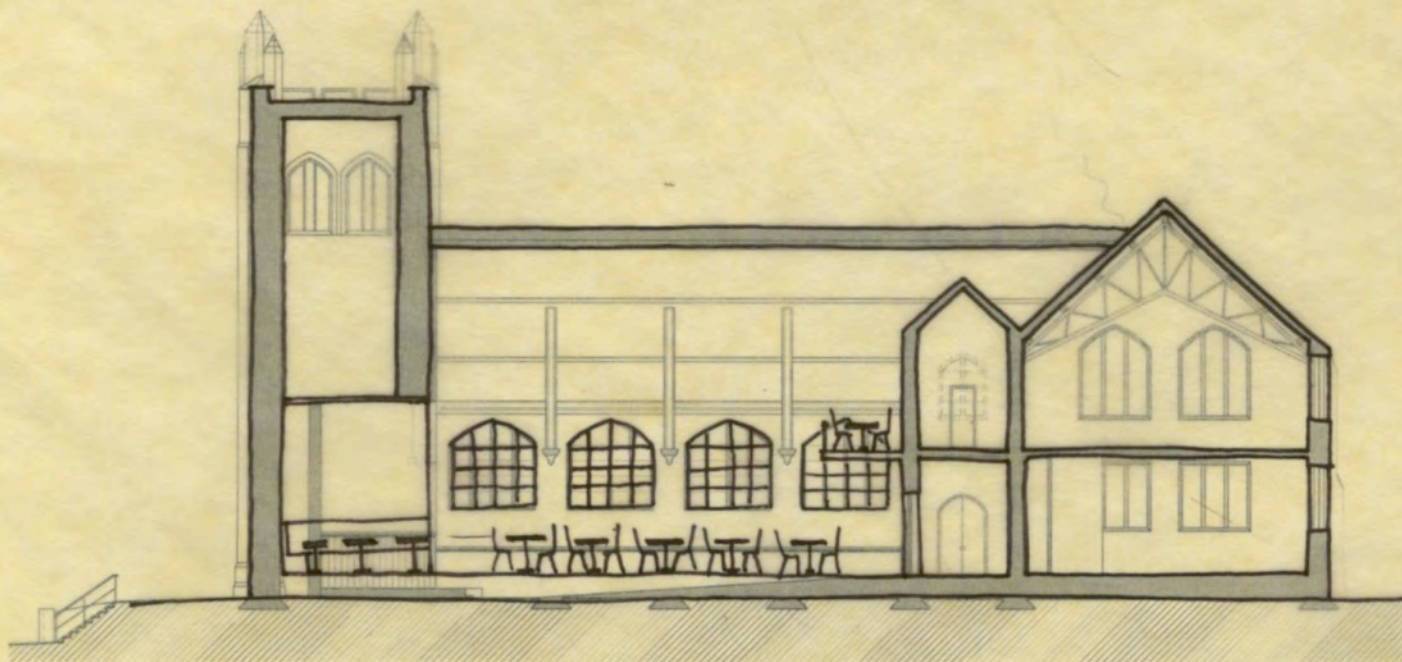
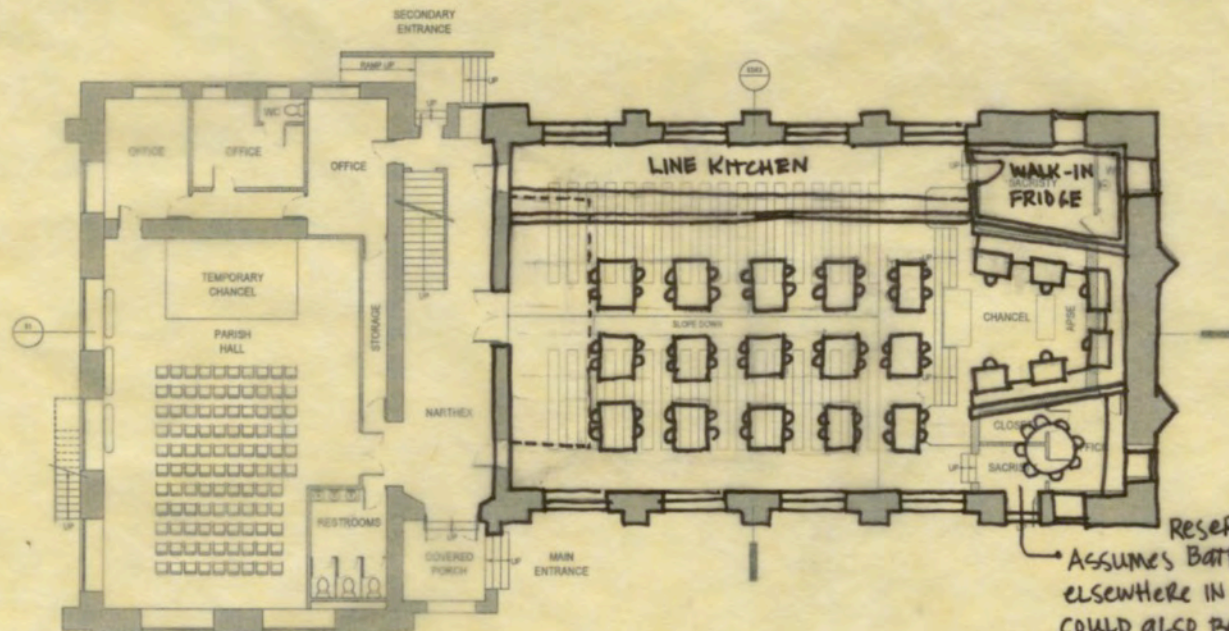
STABLES



2ND FL PARISH HOUSE:  
 • BATHROOMS?  
 • ADMIN?  
 • DOUBLE HEIGHT SPACE?



SUBSIDIZED DINING





# Personal Trauma, Community Healing:

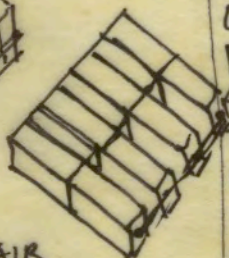
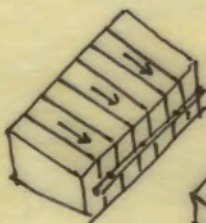
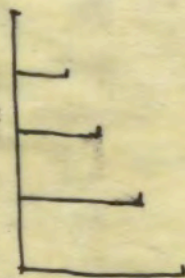
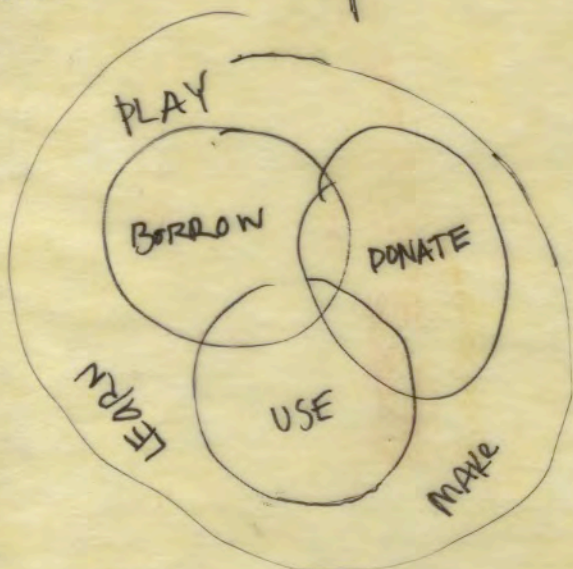
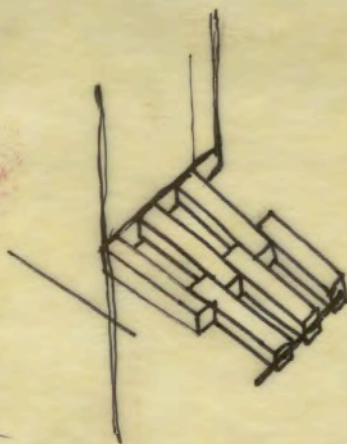
Reimagining sanctuary for survivors of gun violence

**process** | library of everything concept development



## TO TAKE AWAY:

- BOOKS ✓
- GARDENING EQUIPMENT + SEEDS ✓
- TOOLS ✓
- ELECTRONICS ✓
- TOYS + GAMES ✓
- ART SUPPLIES ✓
- SCIENCE KITS ✓
- MUSICAL INSTRUMENTS ✓
- RECREATIONAL EQUIPMENT ✓
- SEWING MACHINES / SEWER ✓
- KITCHEN APPLIANCES ✓
- GO PROS ✓
- VIDEO GAMES ✓
- BBQ ✓
- CAR SEATS ✓
- FANS ✓
- PUZZLES ✓



## USE:

- 3D PRINTERS
- 3D SCANNERS
- VR HEADSETS
- LAMINATOR
- AR SANDBOX

## BORROW:

### BOOKS ETC.

- BOOKS
- MOVIES
- VIDEO GAMES
- AUDIO BOOKS

### KIDS

- TOYS
- PUZZLES
- SCIENCE KITS
- ART SUPPLIES
- GAMES
- KITES

### AV

- ELECTRONICS
- GO PROS

### HOME

- KITCHEN APPLIANCES
- SEWING MACHINE
- BBQ GRILL
- FANS
- CAR SEATS
- SPACE HEATERS

### TOOLS/EQUIP.

- TOOLS
- GARDENING EQUIP.
- SPORTS EQUIP.

### INSTRUMENTS

- INSTRUMENTS

## TO STAY:

- 3D PRINTERS
- SCREEN PRINTERS
- PETS
- VR HEADSETS
- LAMINATOR
- BIKE REPAIR?
- COMPUTERS
- SCANNER
- DONATION DROP

APPLES TO APPLES → GAMES

BREADMAKERS → SCIENCE KITS

CAR SEATS → CHILD CARE NEEDS

DOG → ANIMAL SANCTUARY

EMERGENCY

FANS → ELECTRONICS

GRILLES → OUTDOOR RECREATION

HAMMER → TOOLS

IBIS → AVIARY

JACK-IN-THE-BOX → TOYS

KITCHENAID → KITCHEN SUPPLIES

LAMINATOR → ~~OFFICE~~ PROF. SUPPLIES

MOVIES

NETS → SPORTS EQUIPMENT

ONYX → PRECIOUS STONE COLLECTION

PICNIC TABLES

QUINCE → COMMUNITY GARDEN

REPAIR → BIKE, MOTORCYCLE, CAR

SEWING MACHINE → HOME APPLIANCES

TROWEL → GARDENING EQUIP

UMBRELLA → WEATHER PROTECTION

VIRTUAL REALITY HEADSET → TECH

WATERCOLORS → ART SUPPLIES

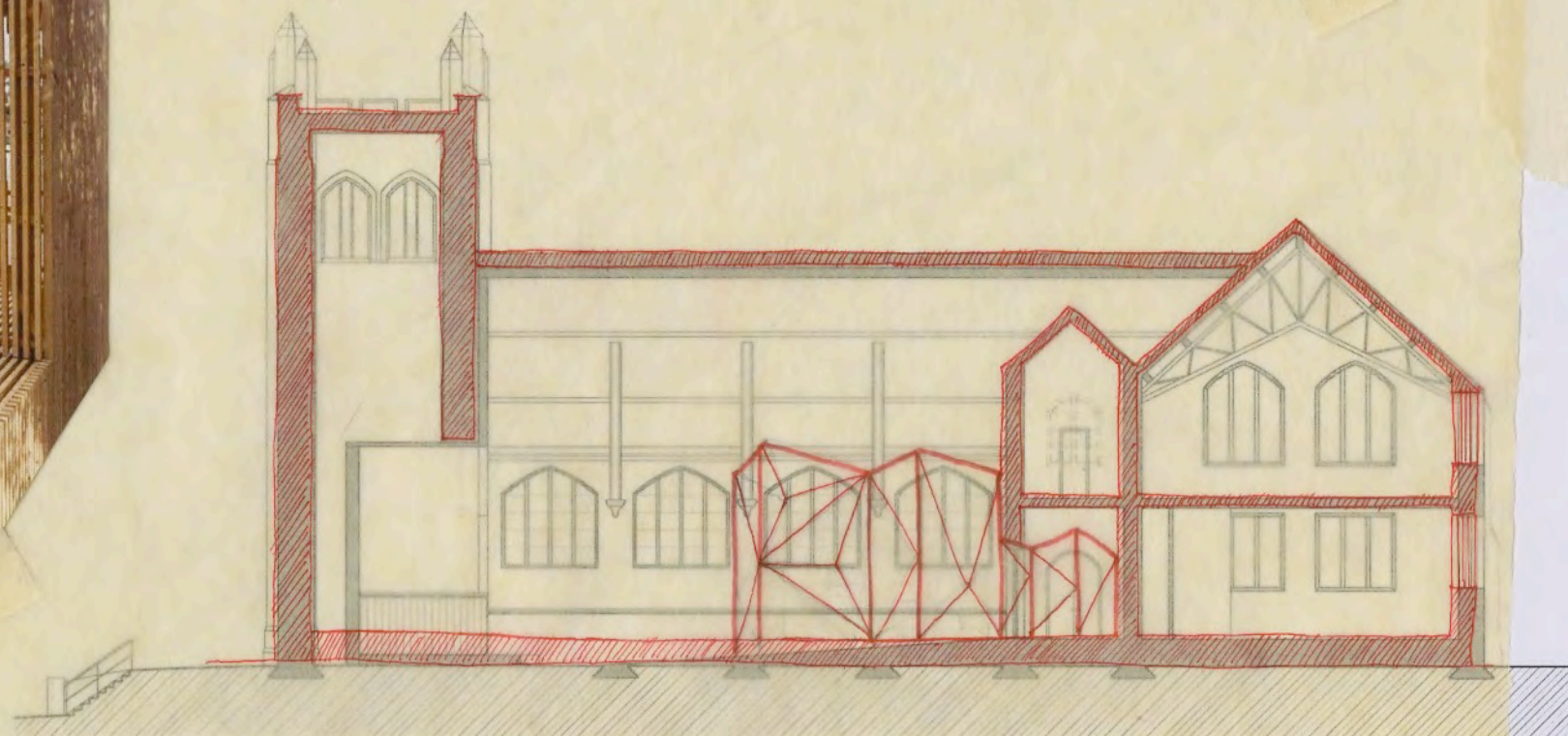
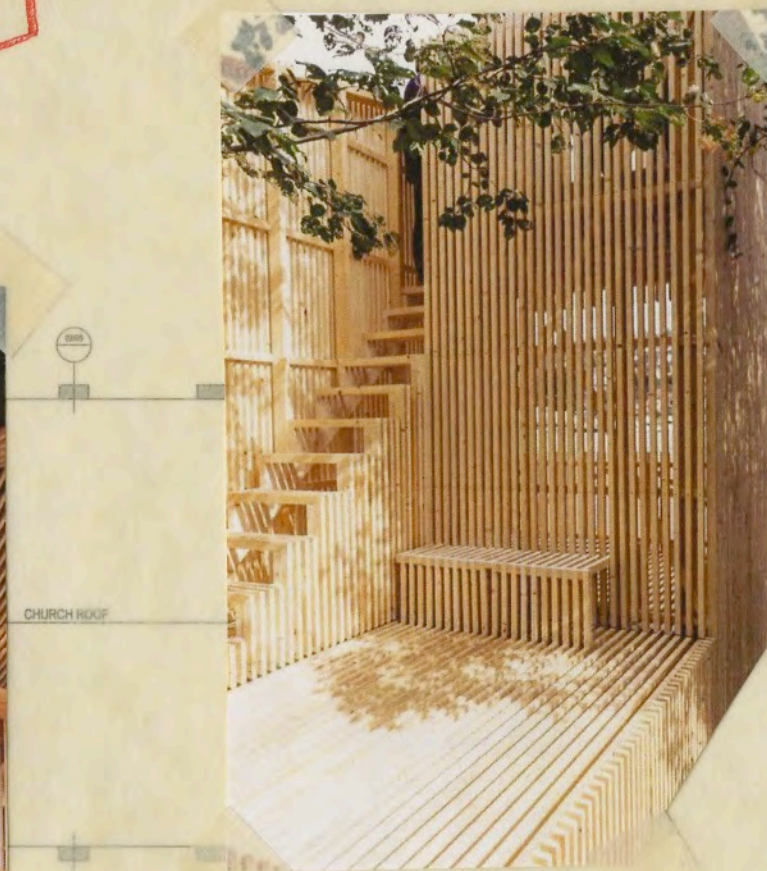
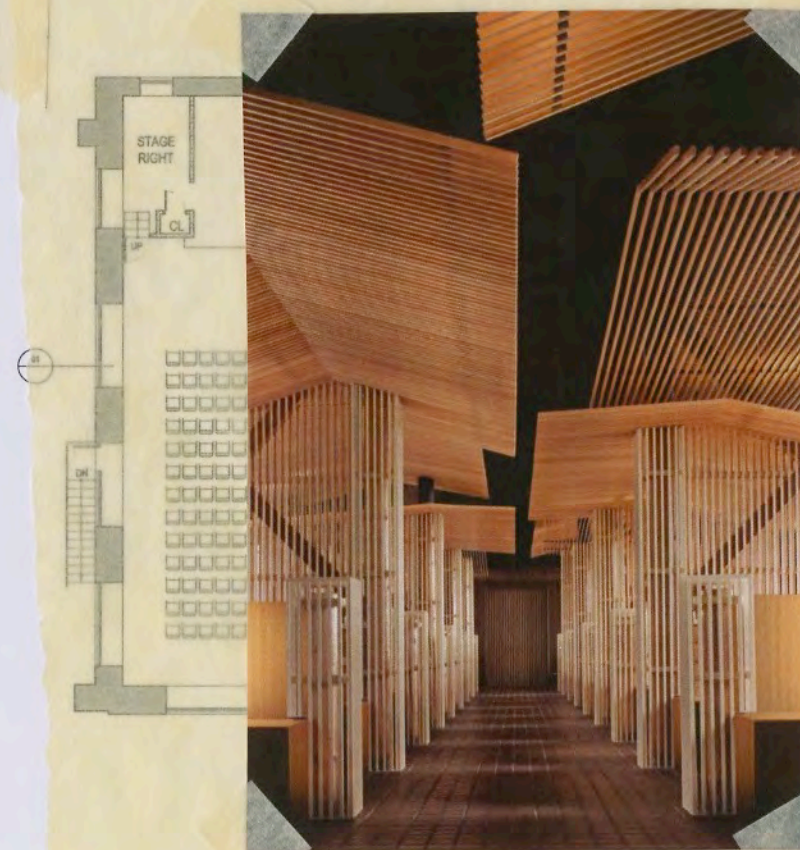
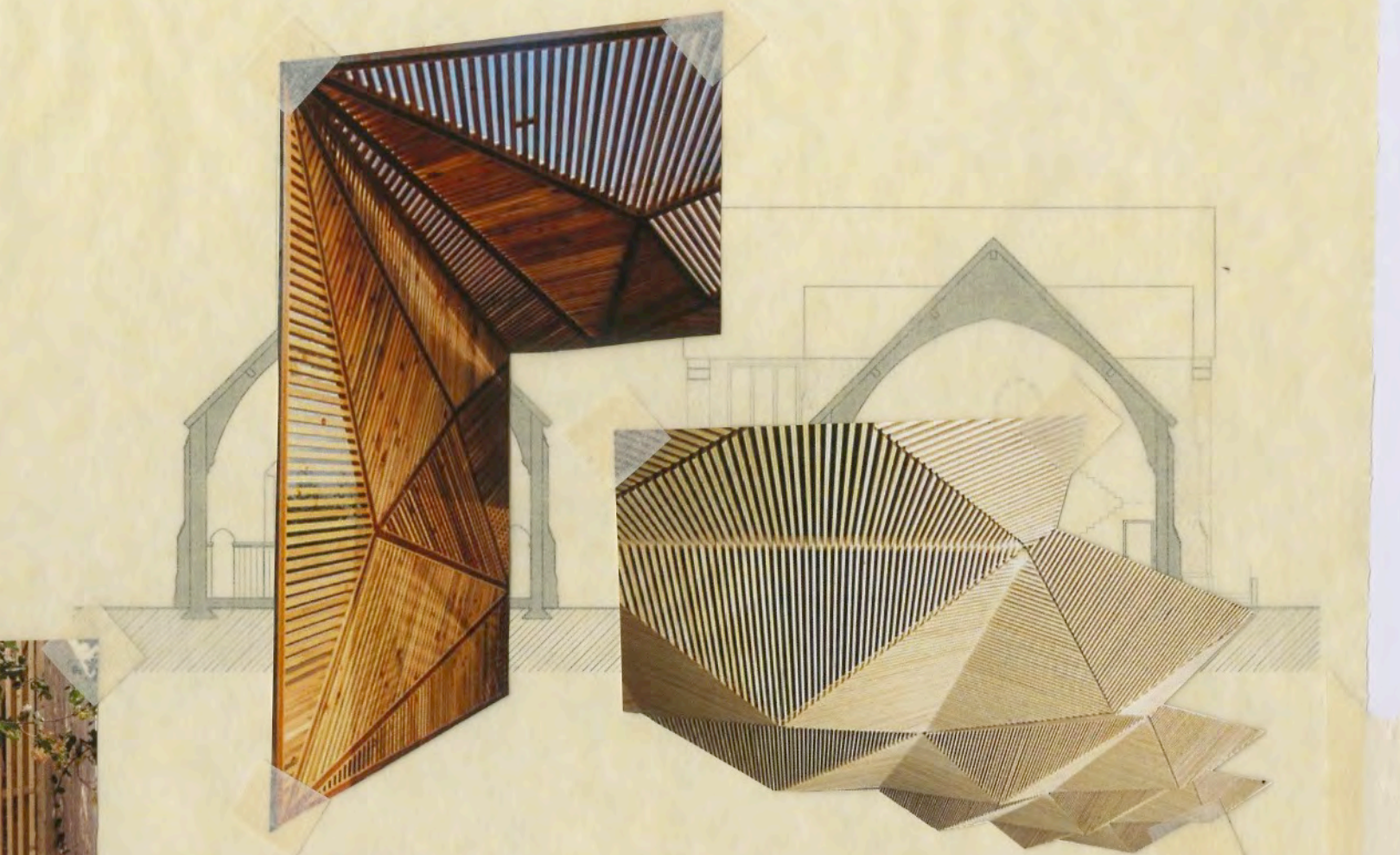
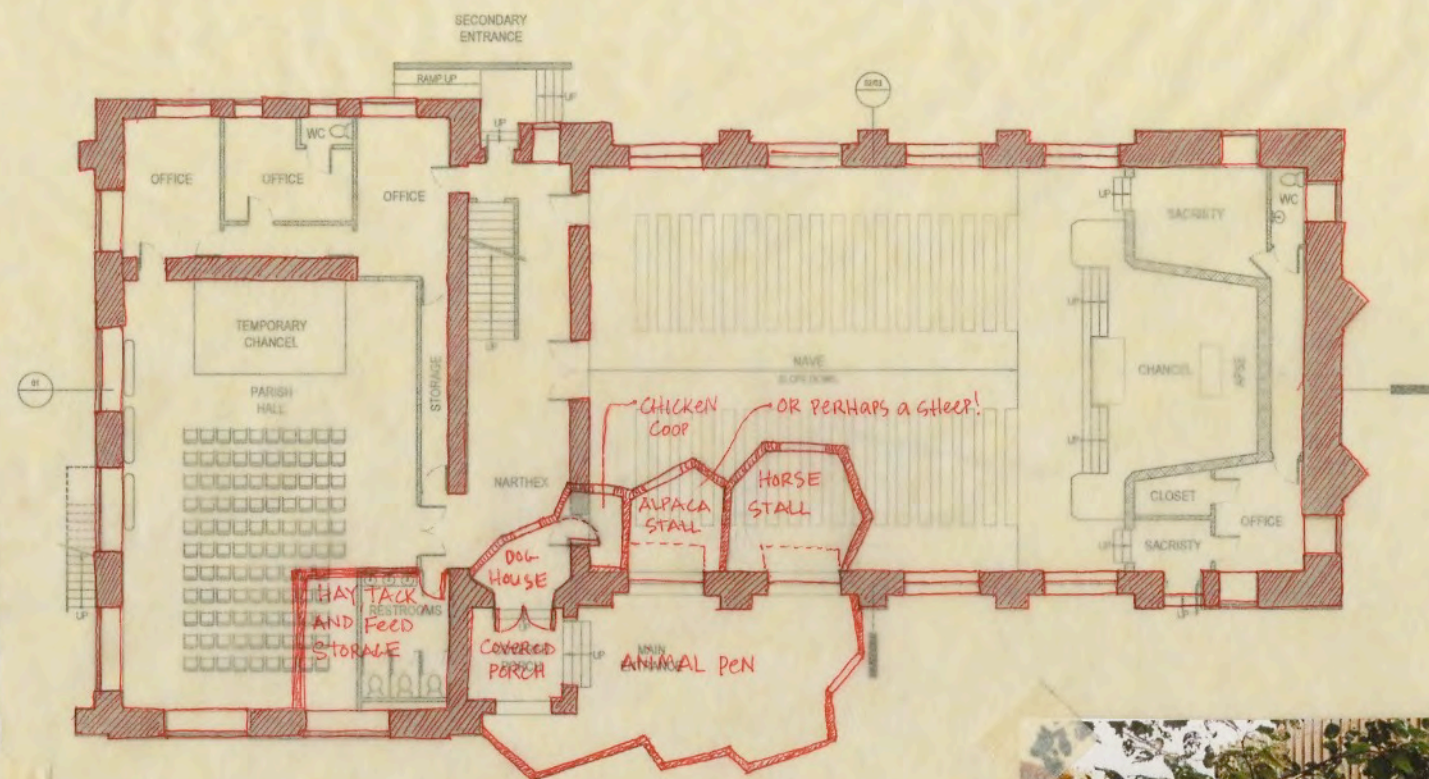
XILOPHONE → MUSICAL INSTRUMENTS

YARN → ARTS + CRAFTS SUPPLIES

ZEBRA BOOKS → BOOKS

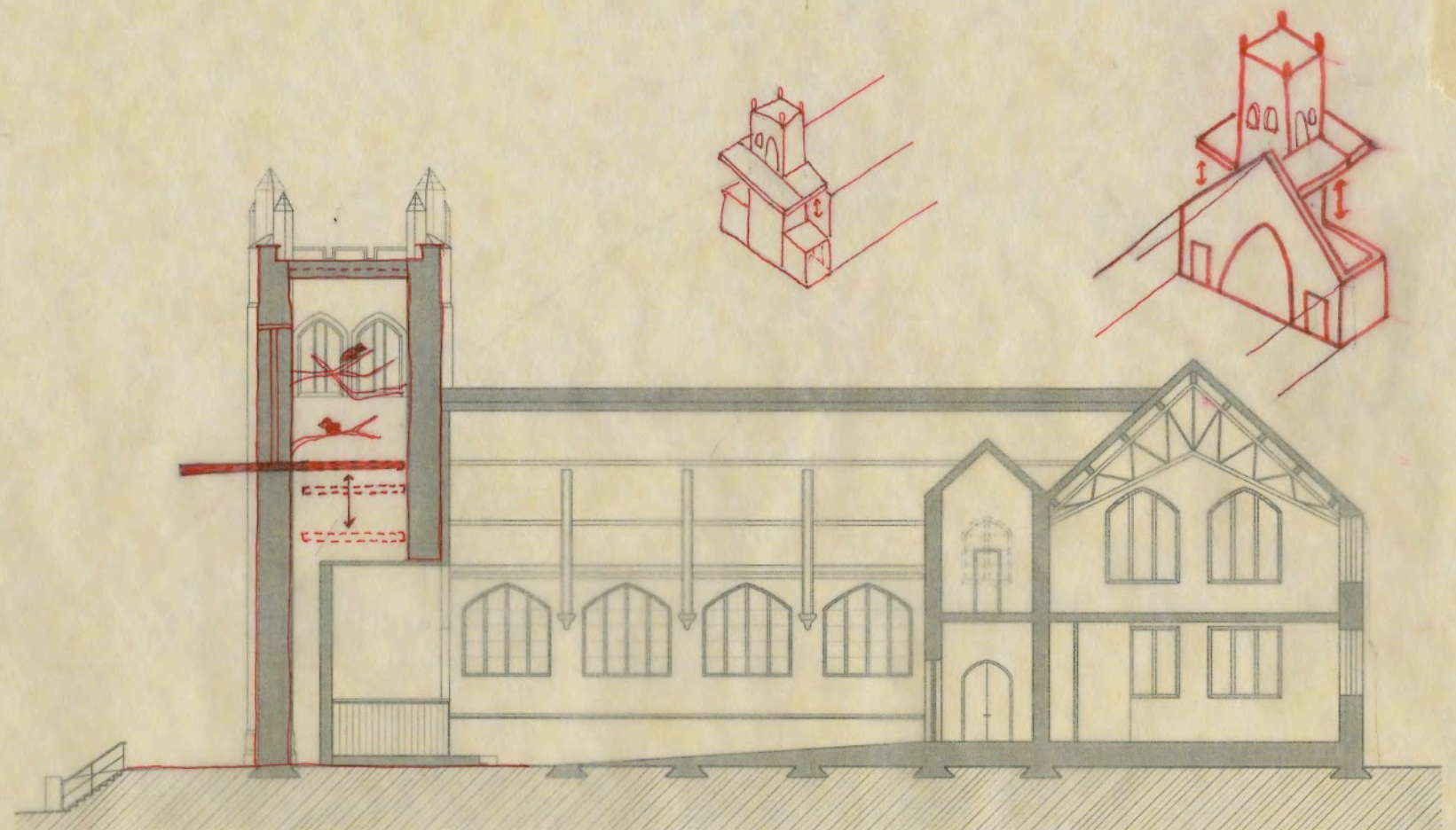
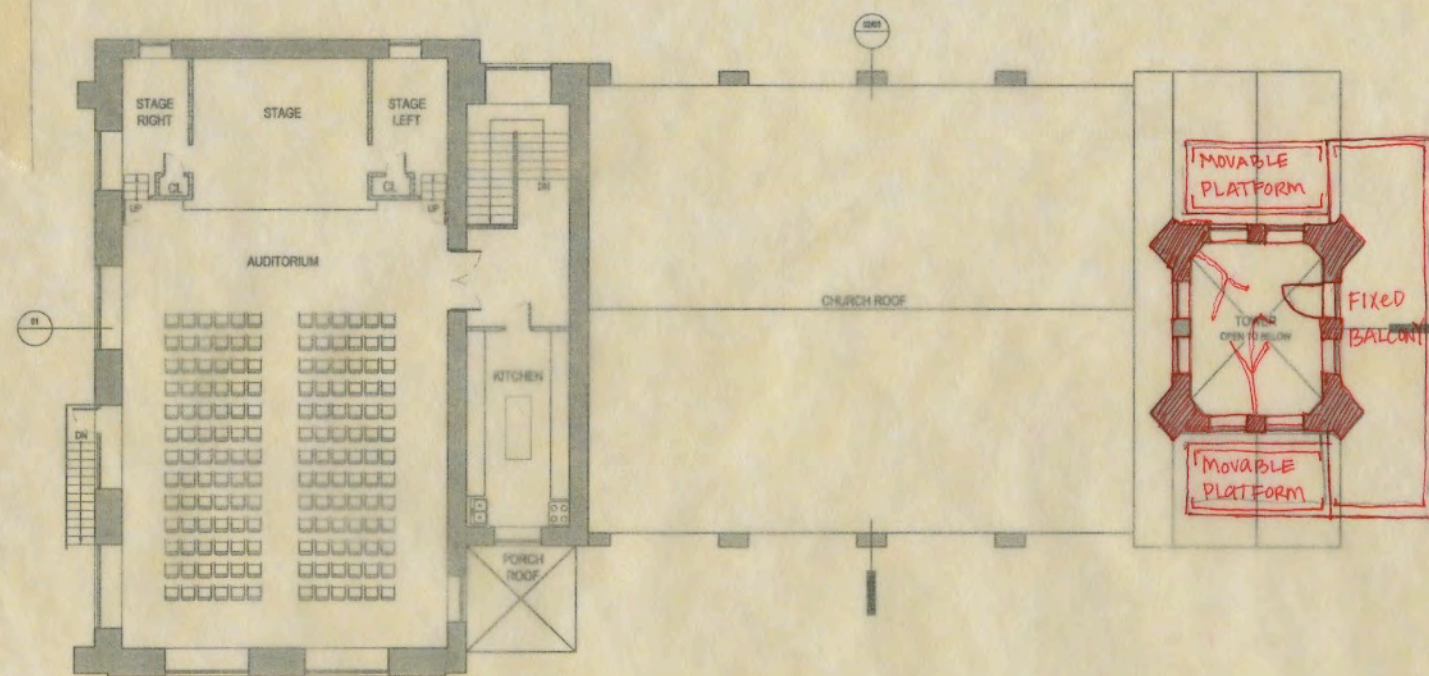
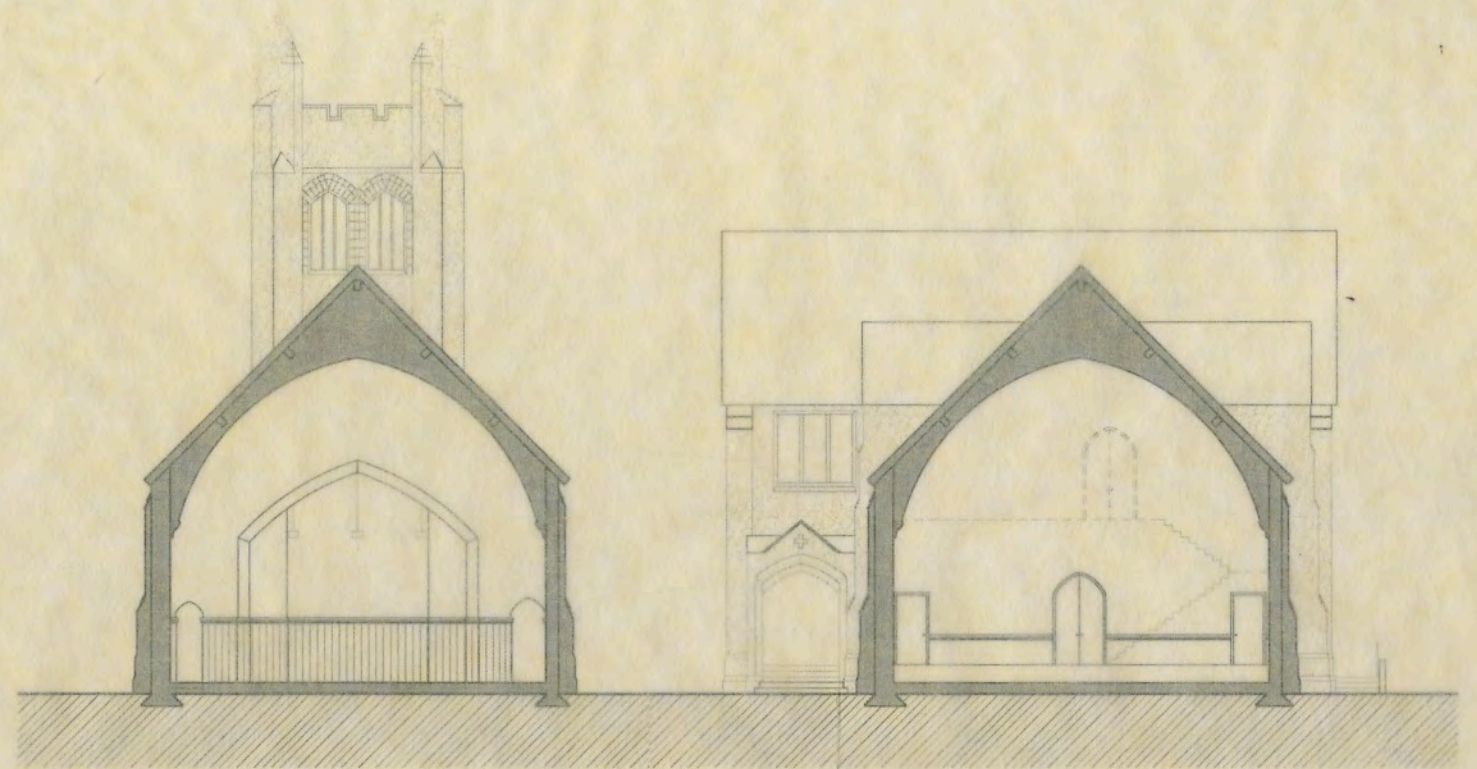
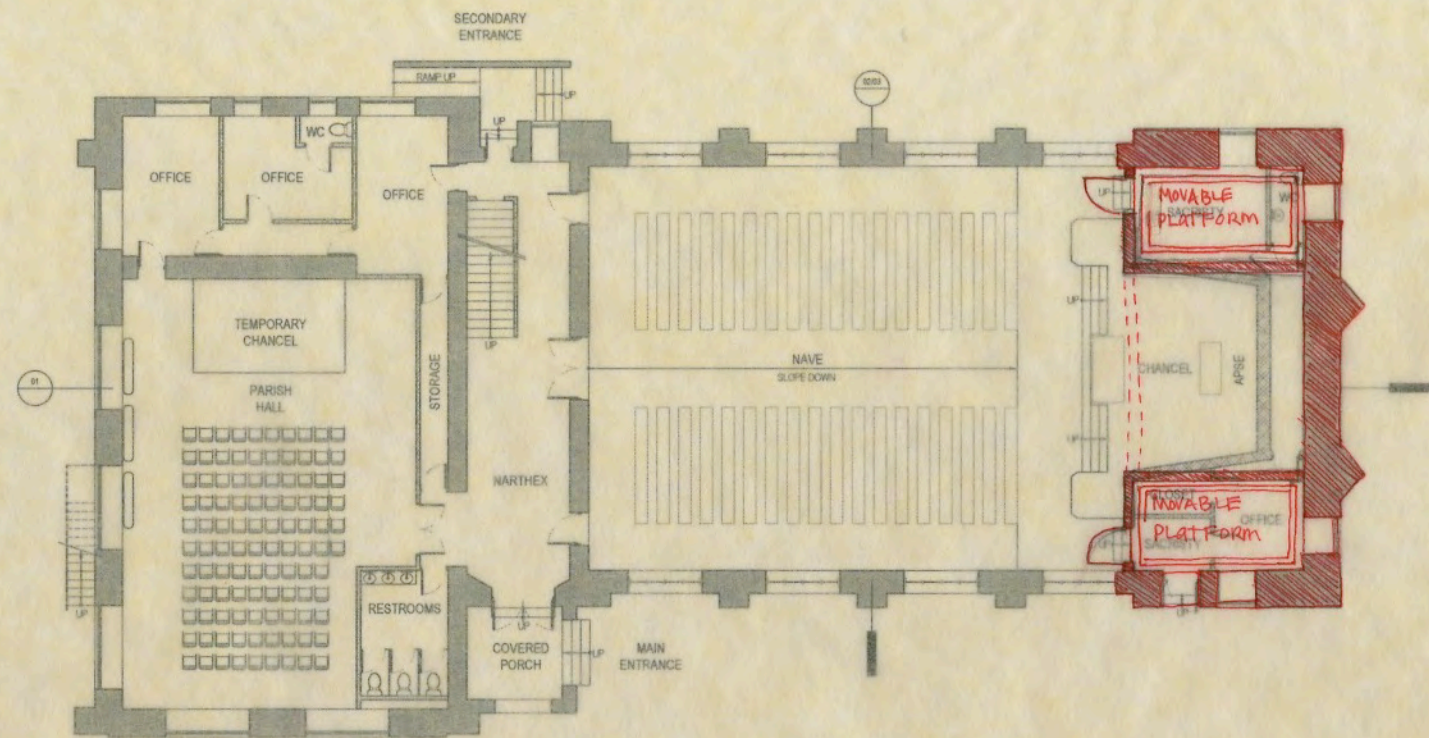


# ANIMAL SANCTUARY SCHEME



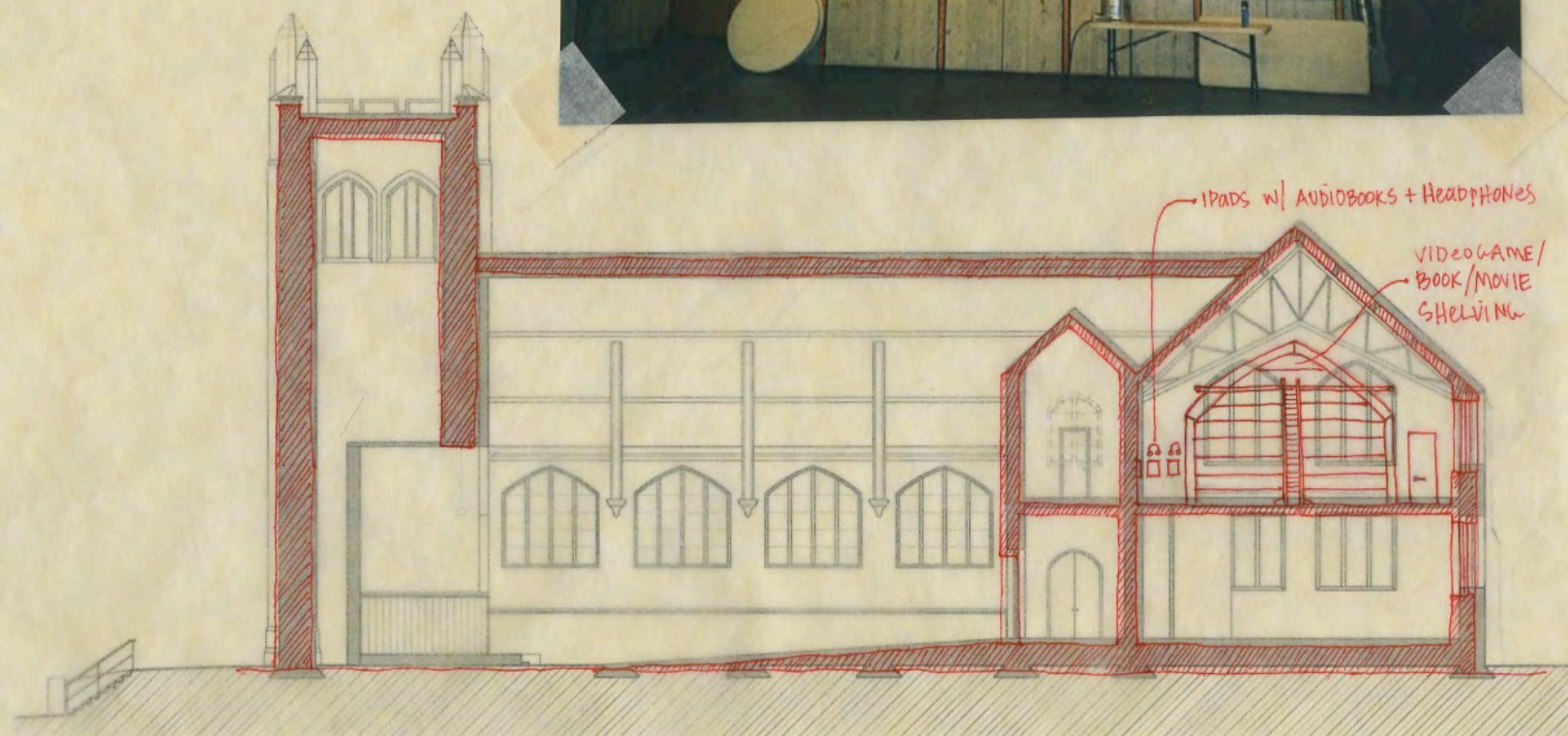
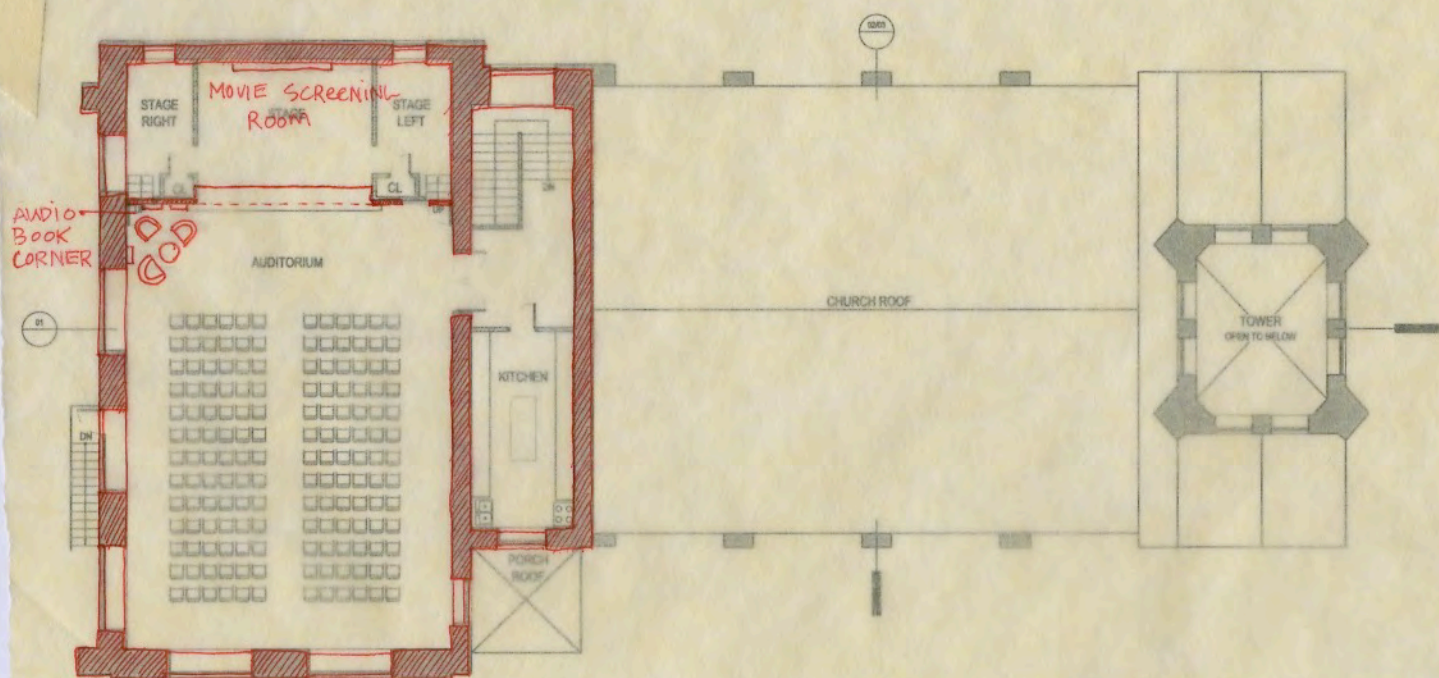
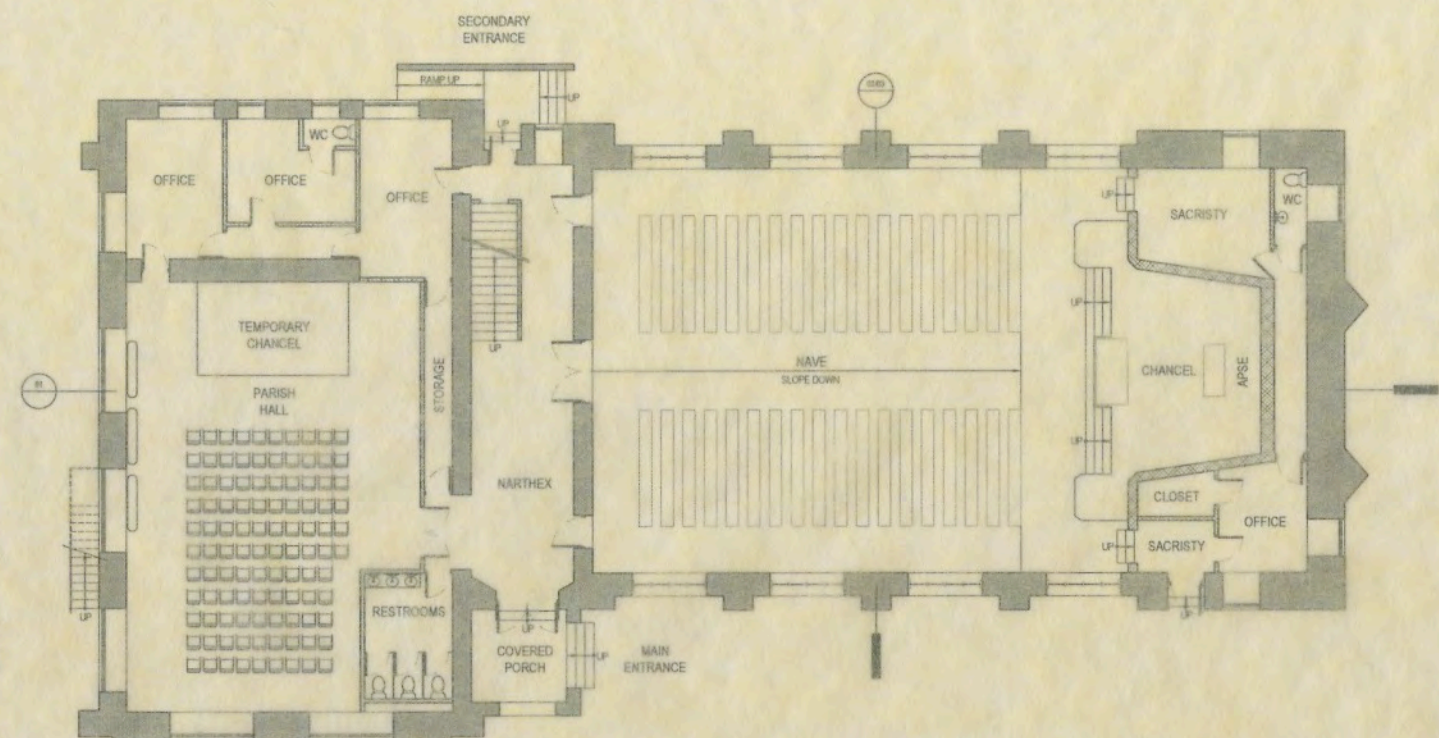


# AVIARY SCHEME



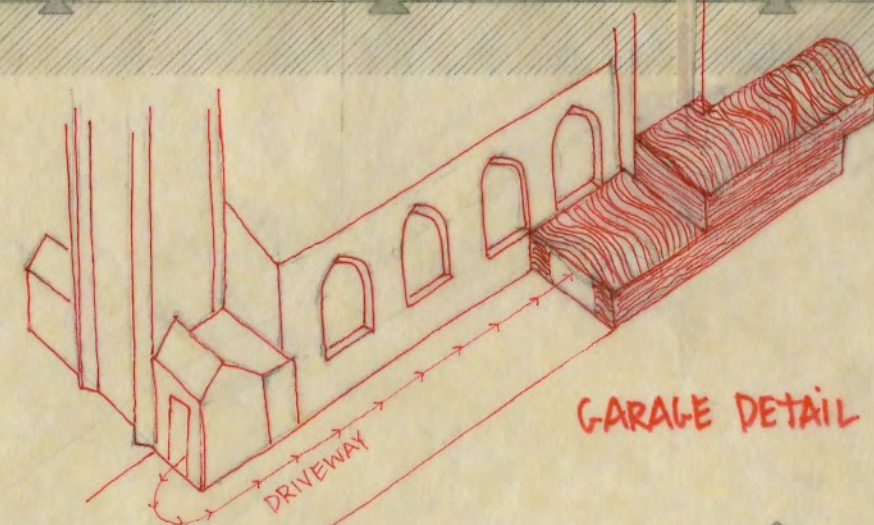
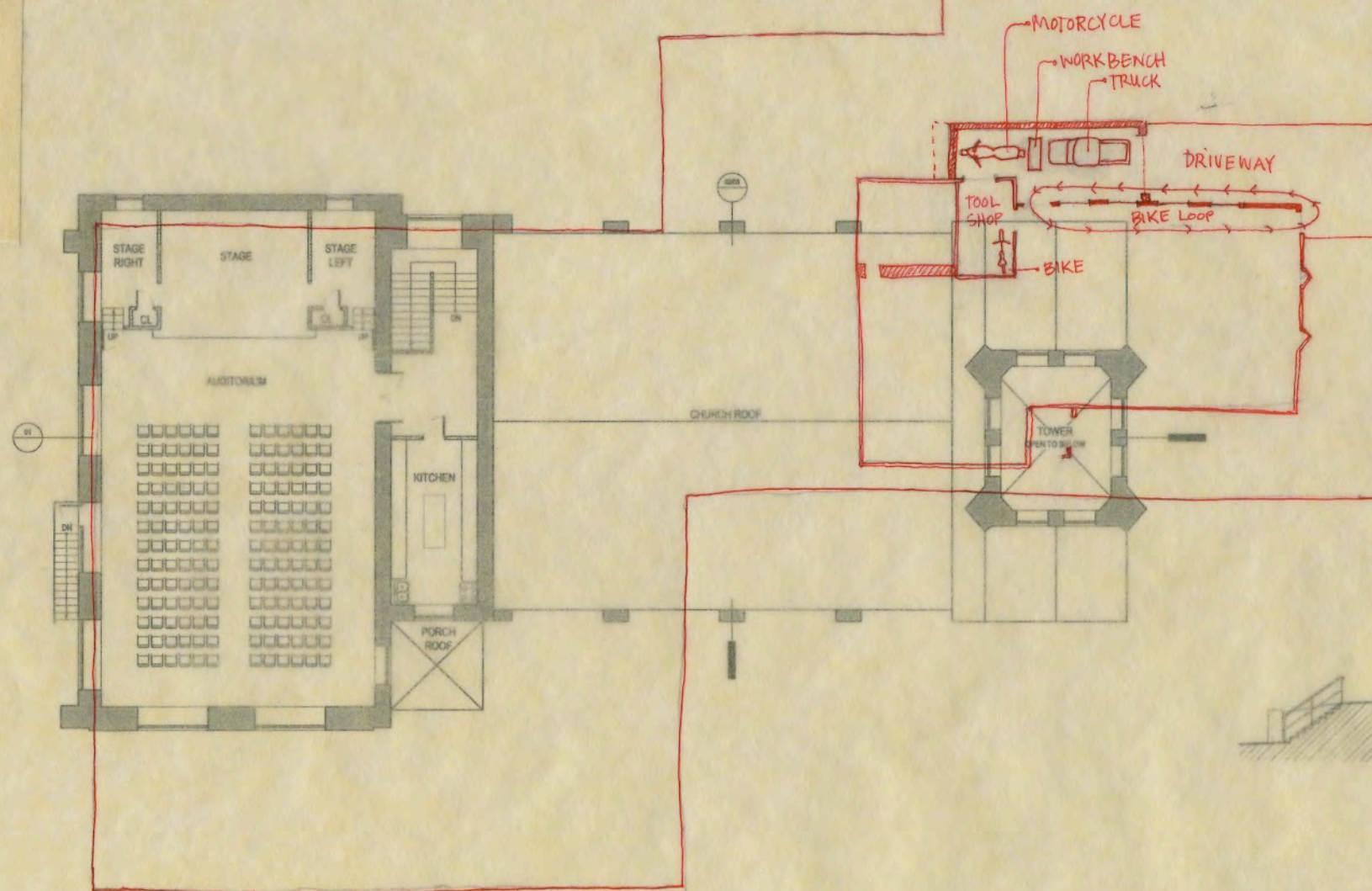
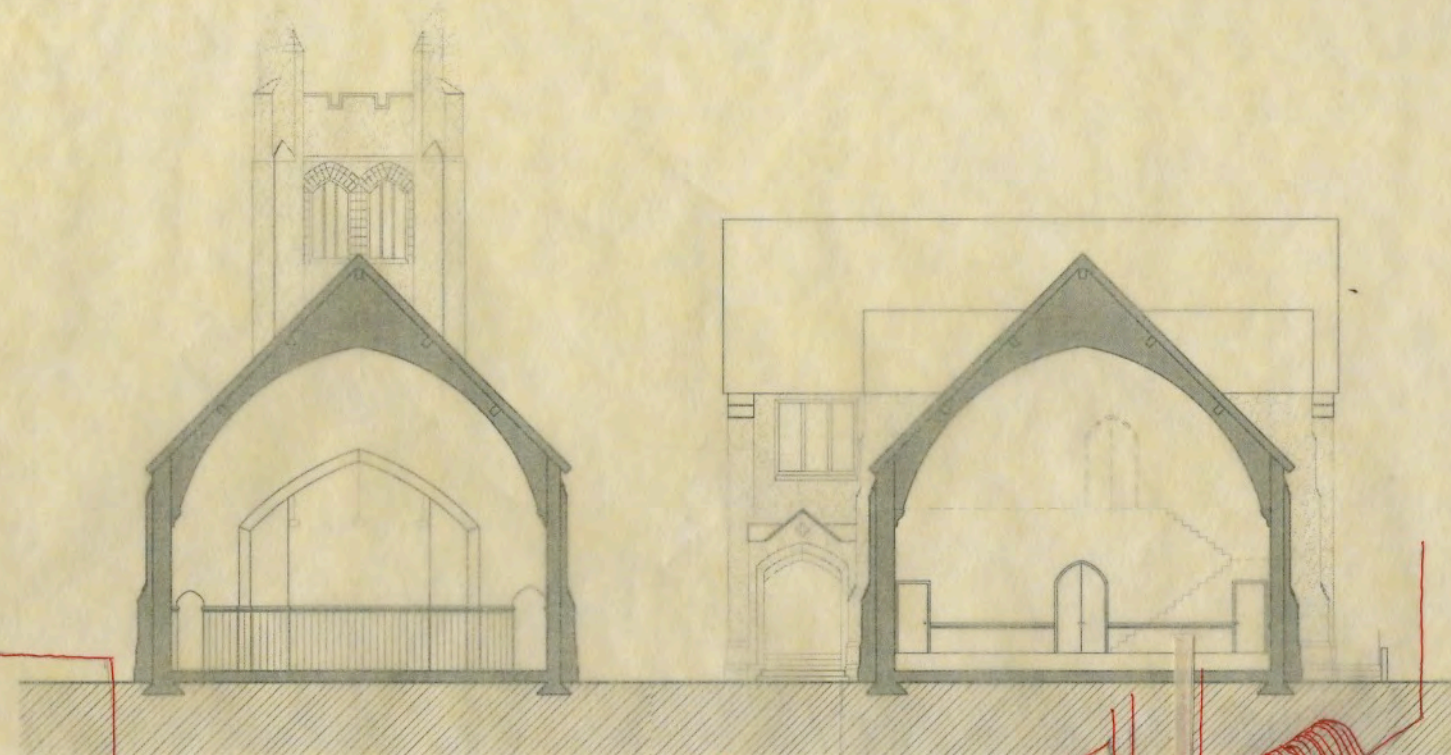
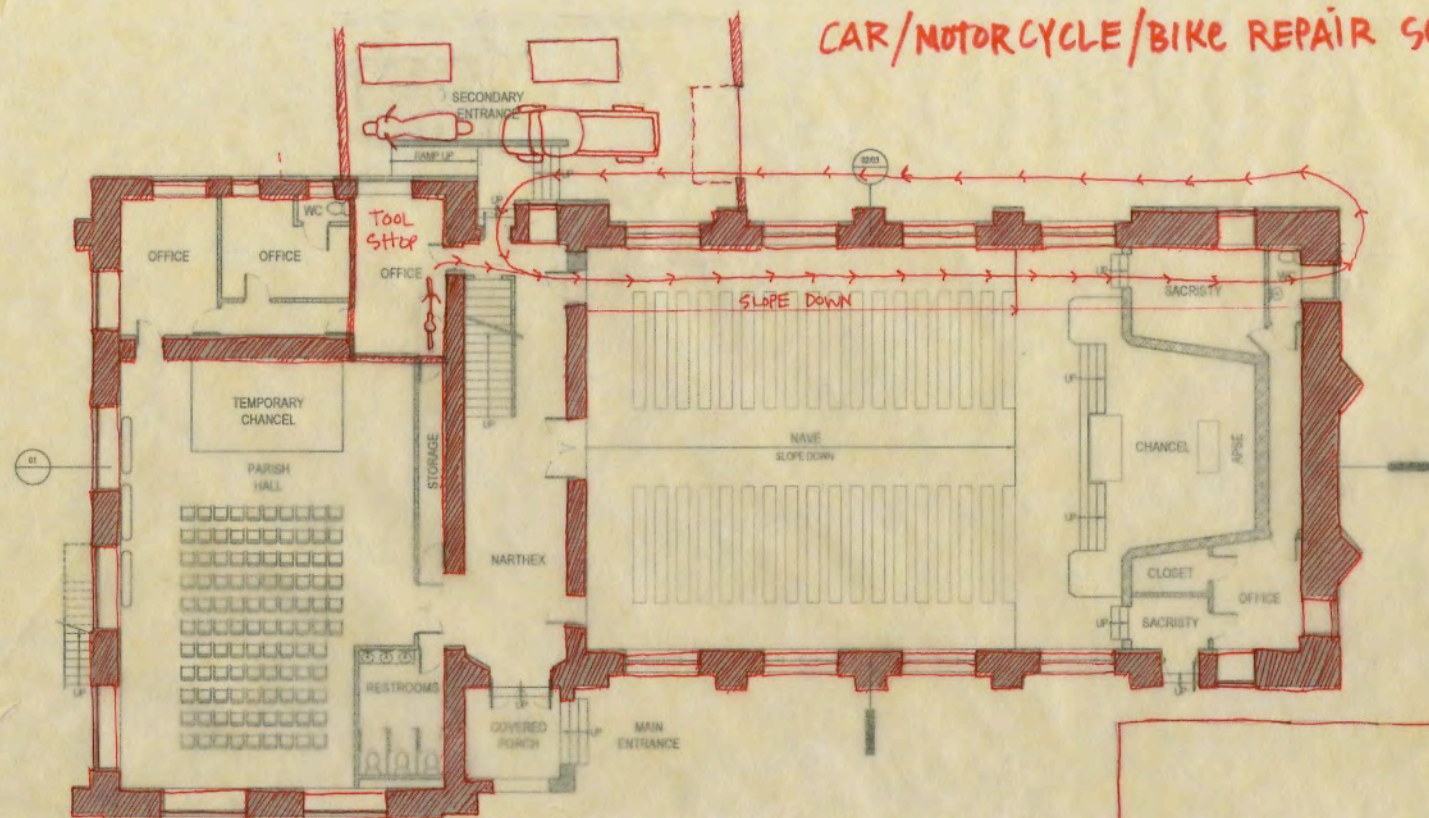


BOOKS, AUDIOBOOKS, MOVIES

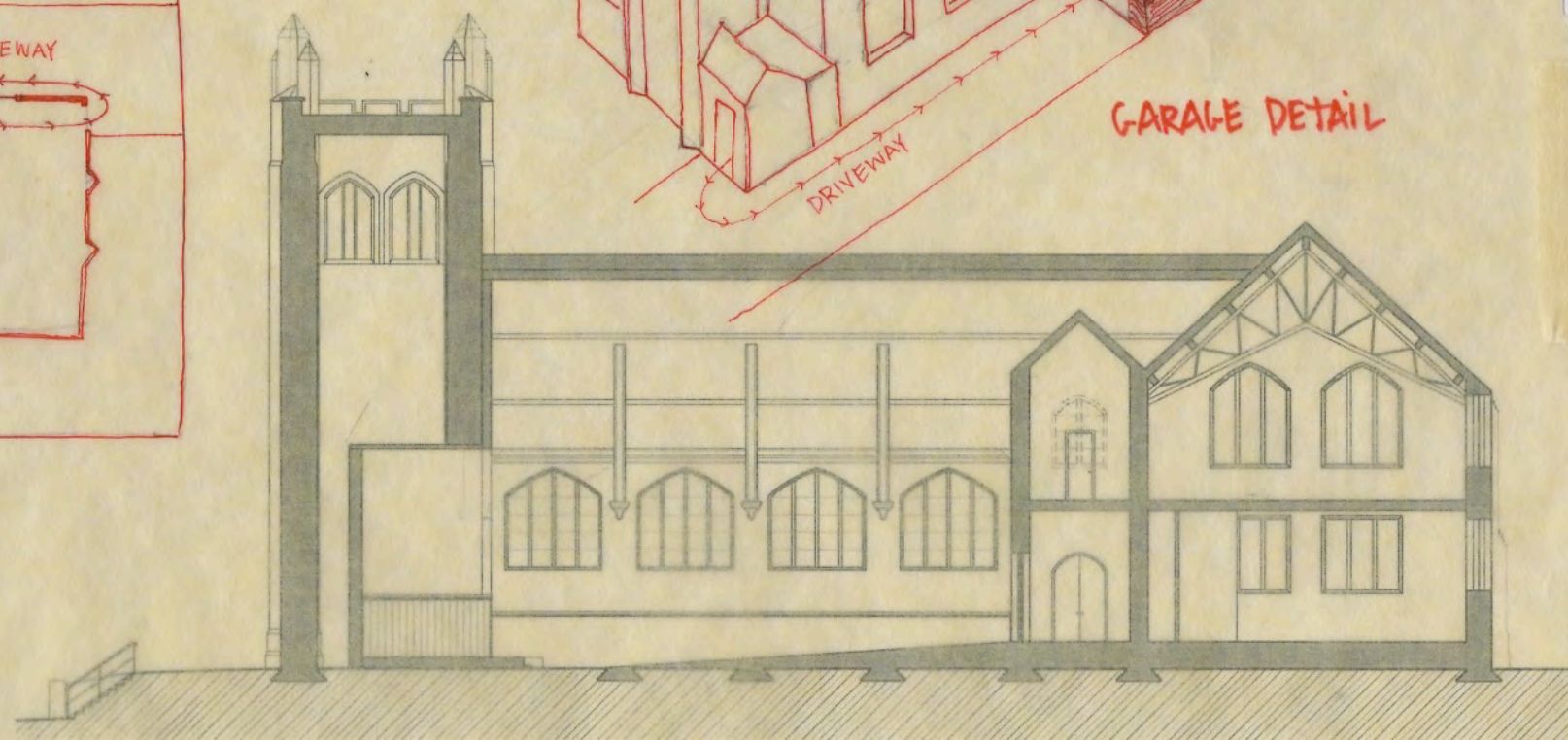




# CAR/MOTORCYCLE/BIKE REPAIR SCHEME

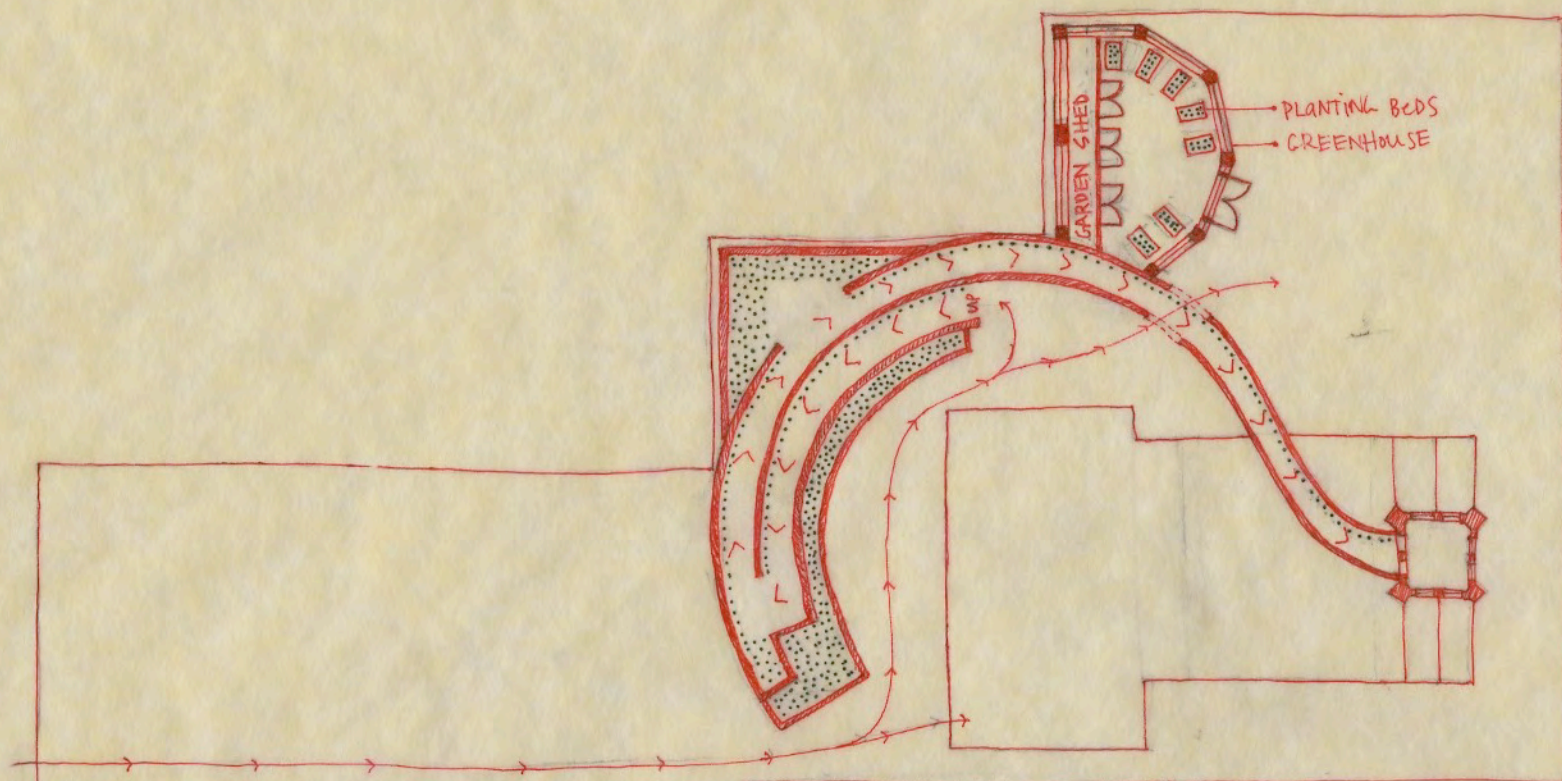
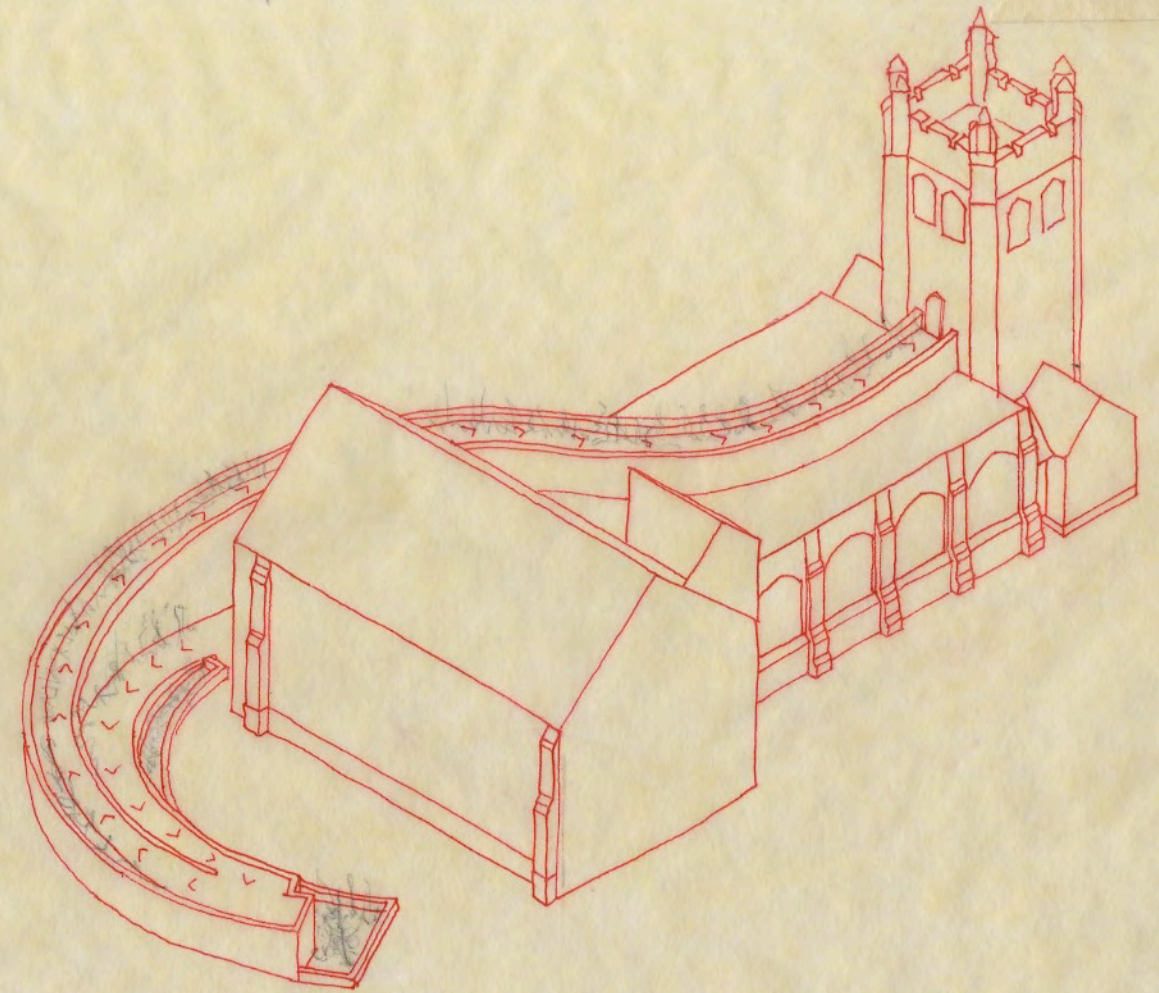


## GARAGE DETAIL





# COMMUNITY GARDEN SCHEME

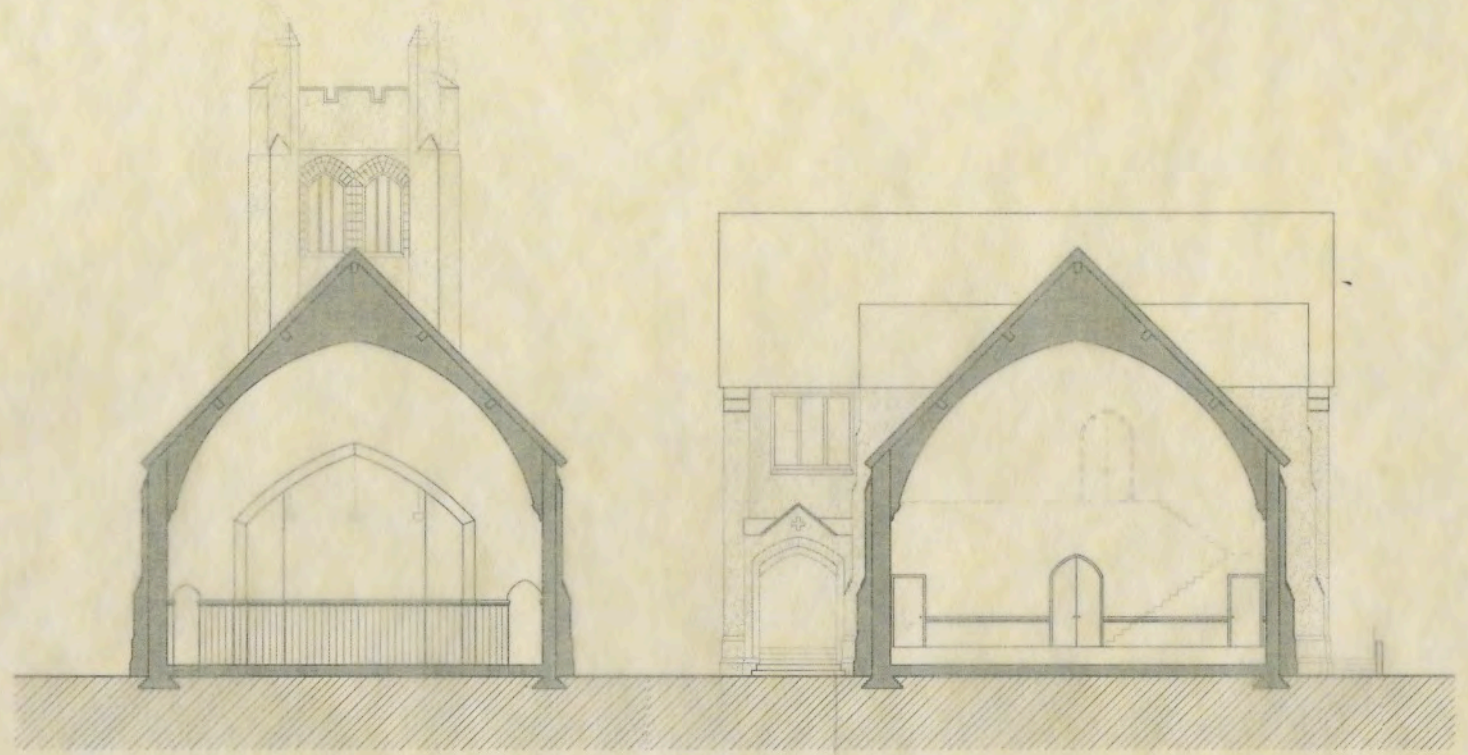
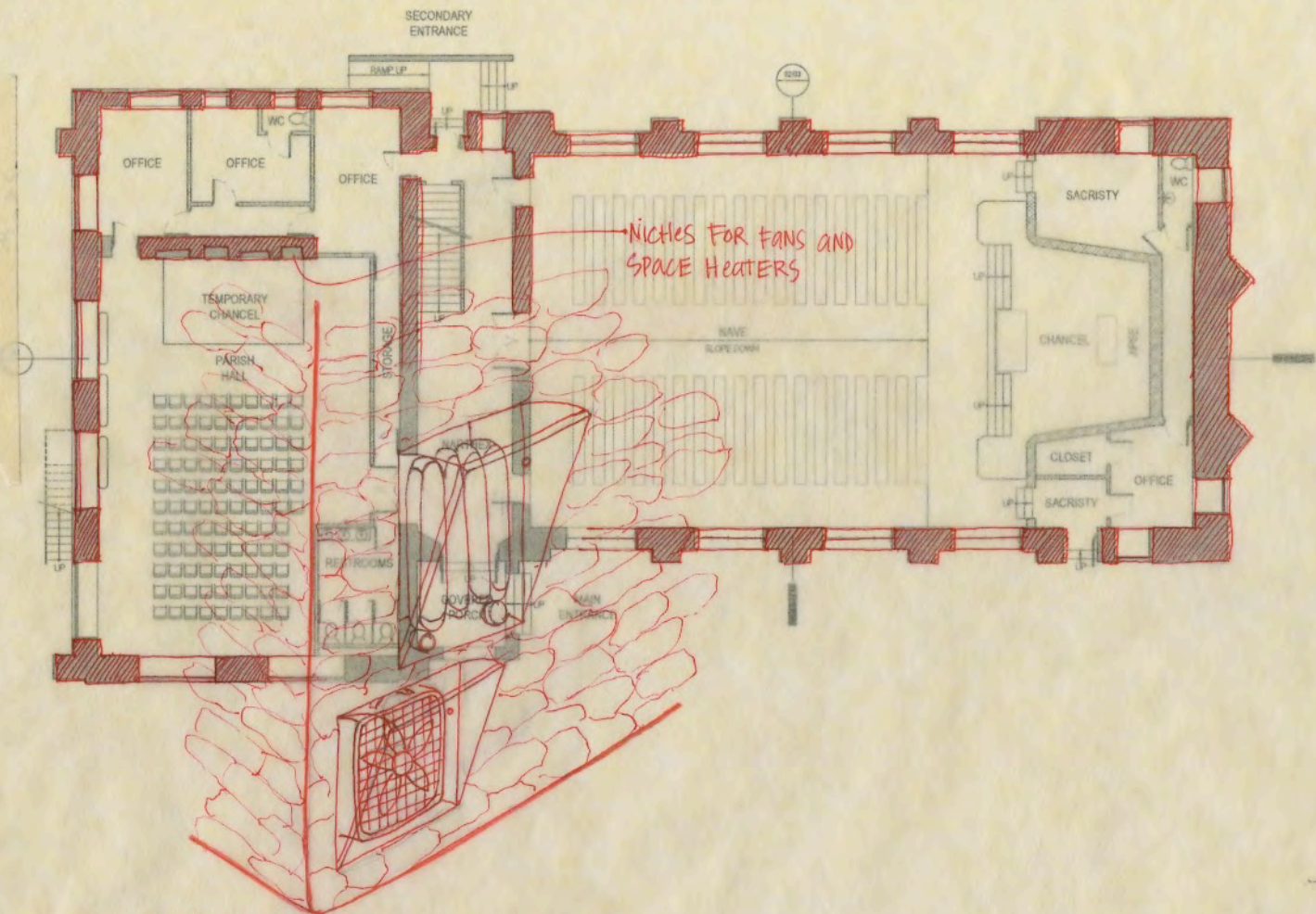


SITE PLAN

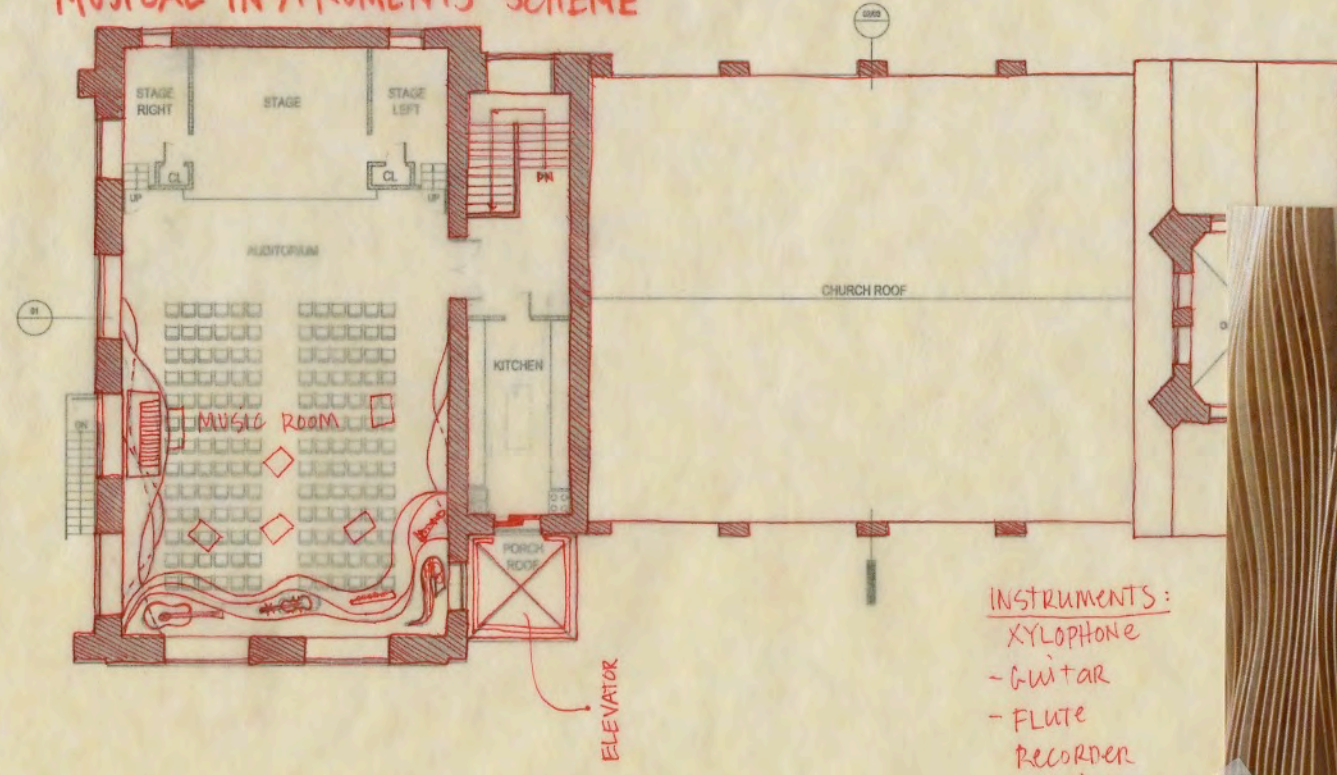
KEY:  
[dotted box] PLANTING



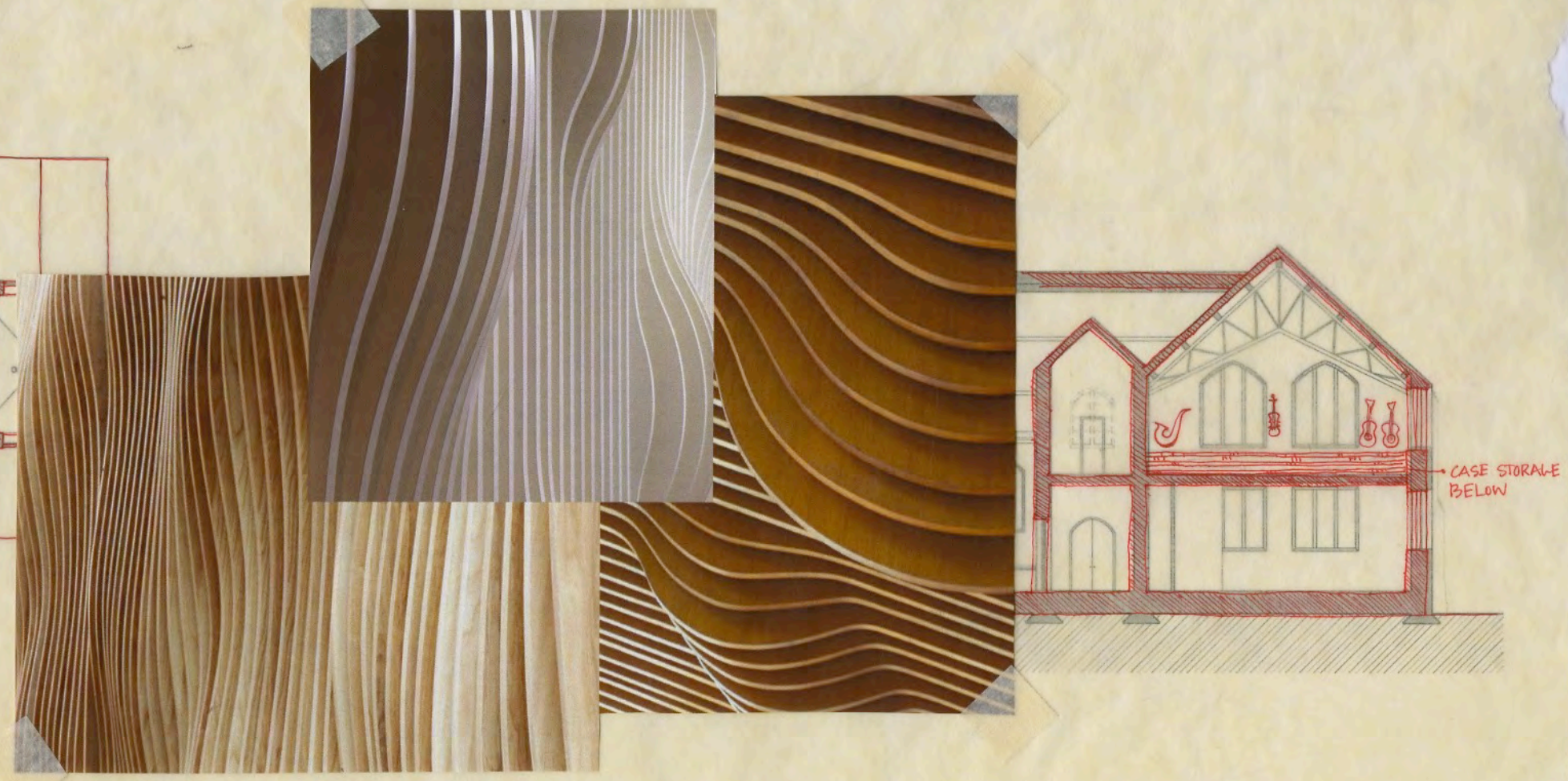
HEATING + COOLING APPLIANCES SCHEME



MUSICAL INSTRUMENTS SCHEME

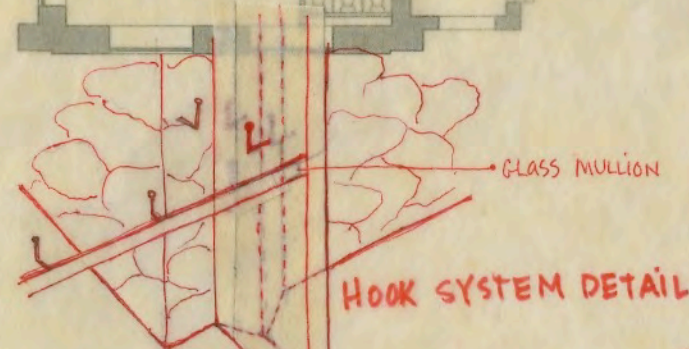
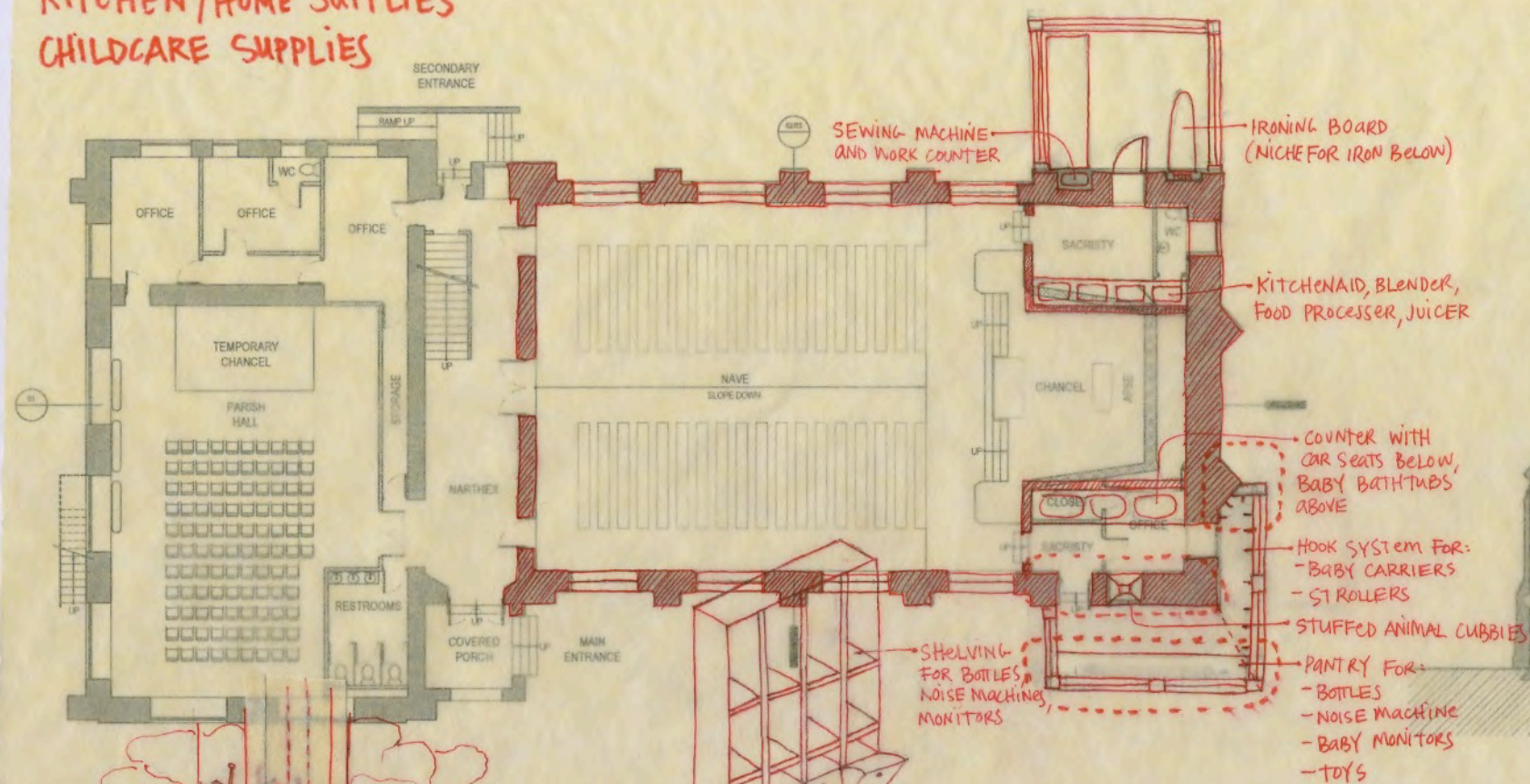


- INSTRUMENTS:
- XYLOPHONE
  - GUITAR
  - FLUTE
  - RECORDER
  - VIOLIN
  - SAXAPHONE
  - KEYBOARD

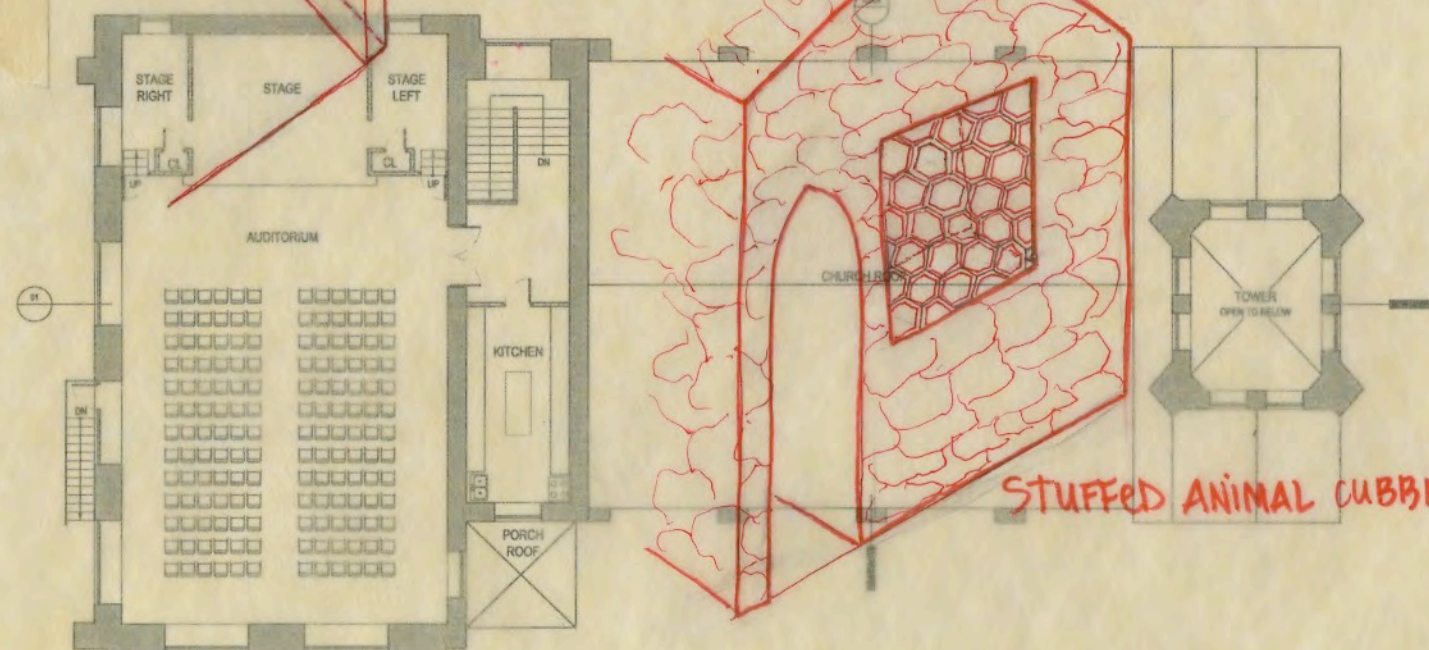




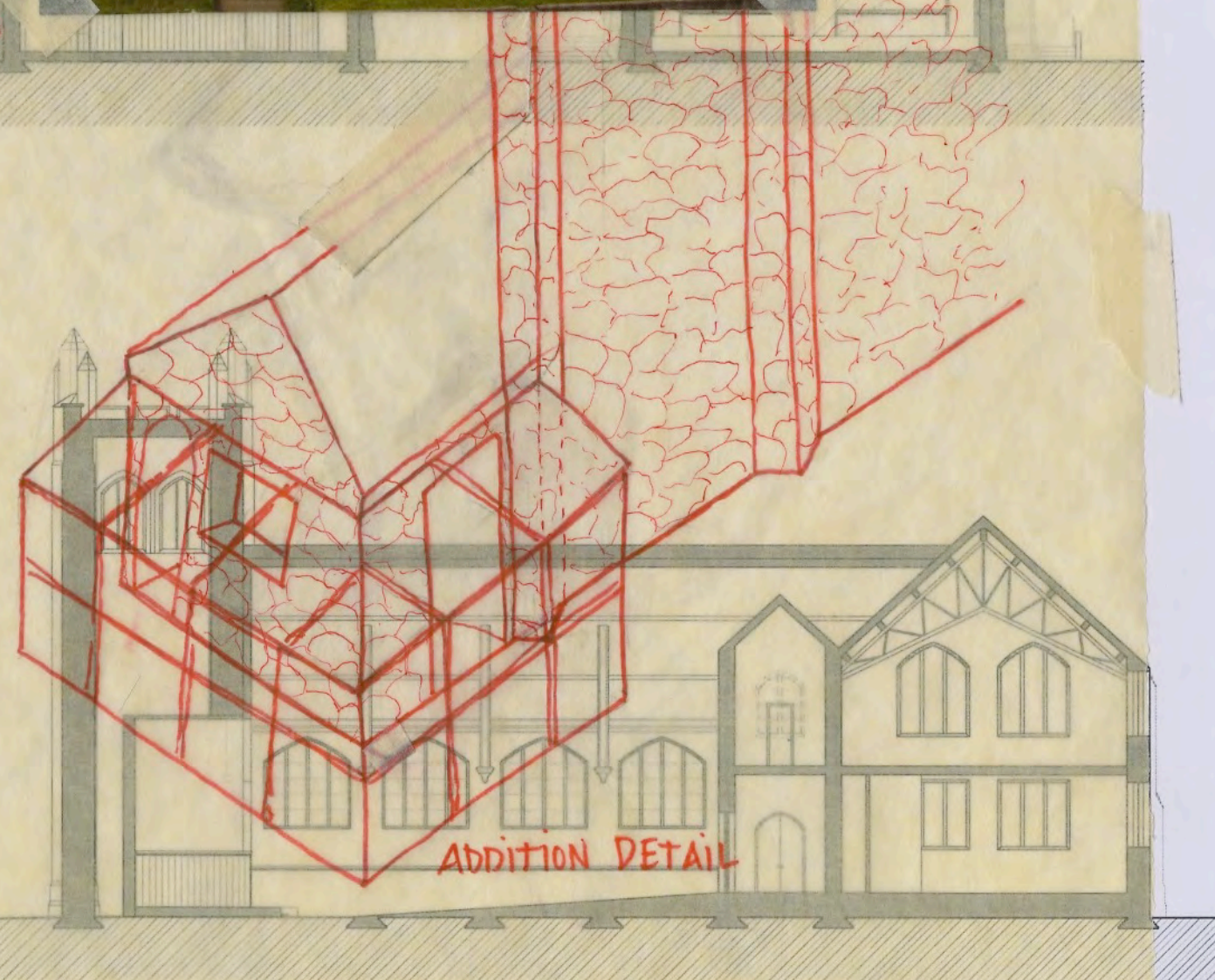
# KITCHEN/HOME SUPPLIES CHILD CARE SUPPLIES



PANTRY DETAIL

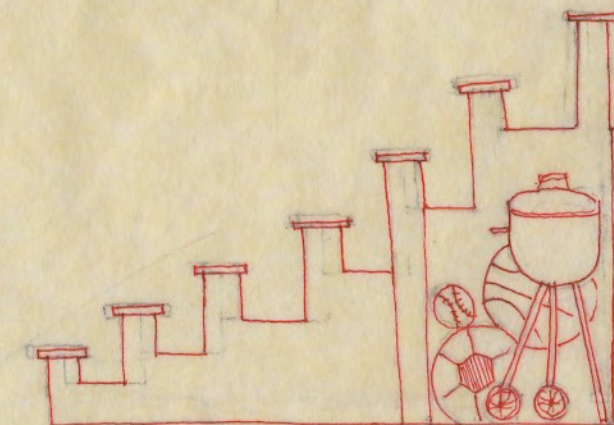
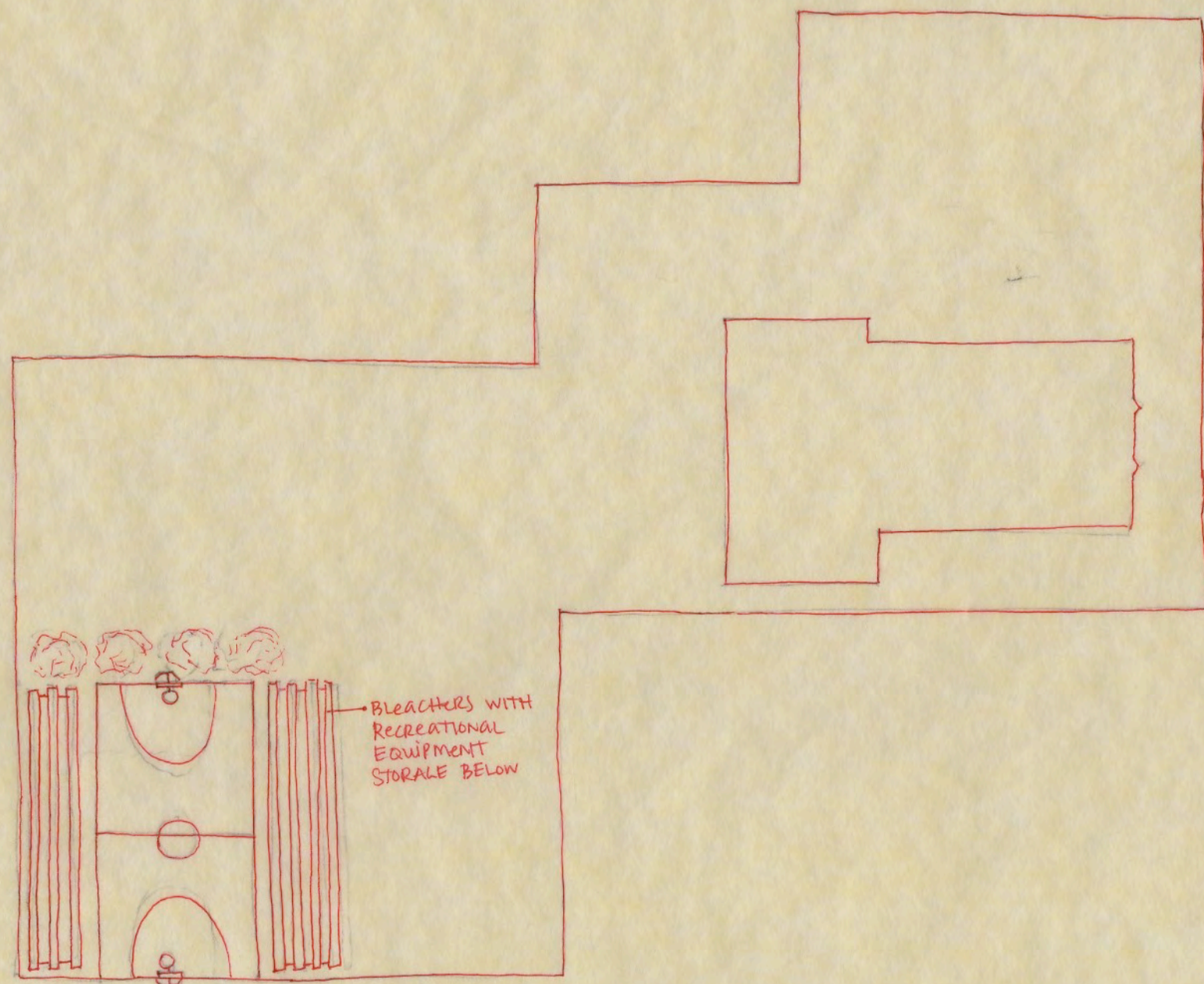


STUFFED ANIMAL CUBBIES DETAIL





# RECREATIONAL EQUIPMENT SCHEME



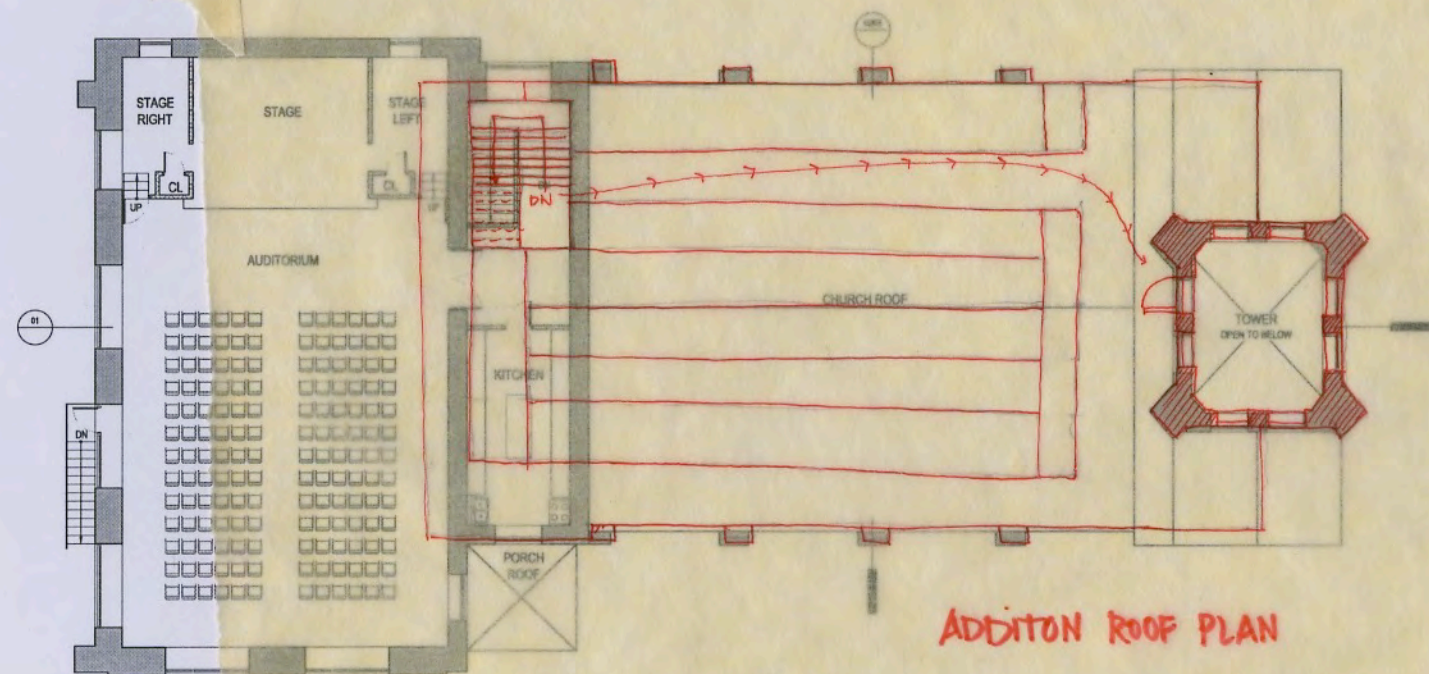
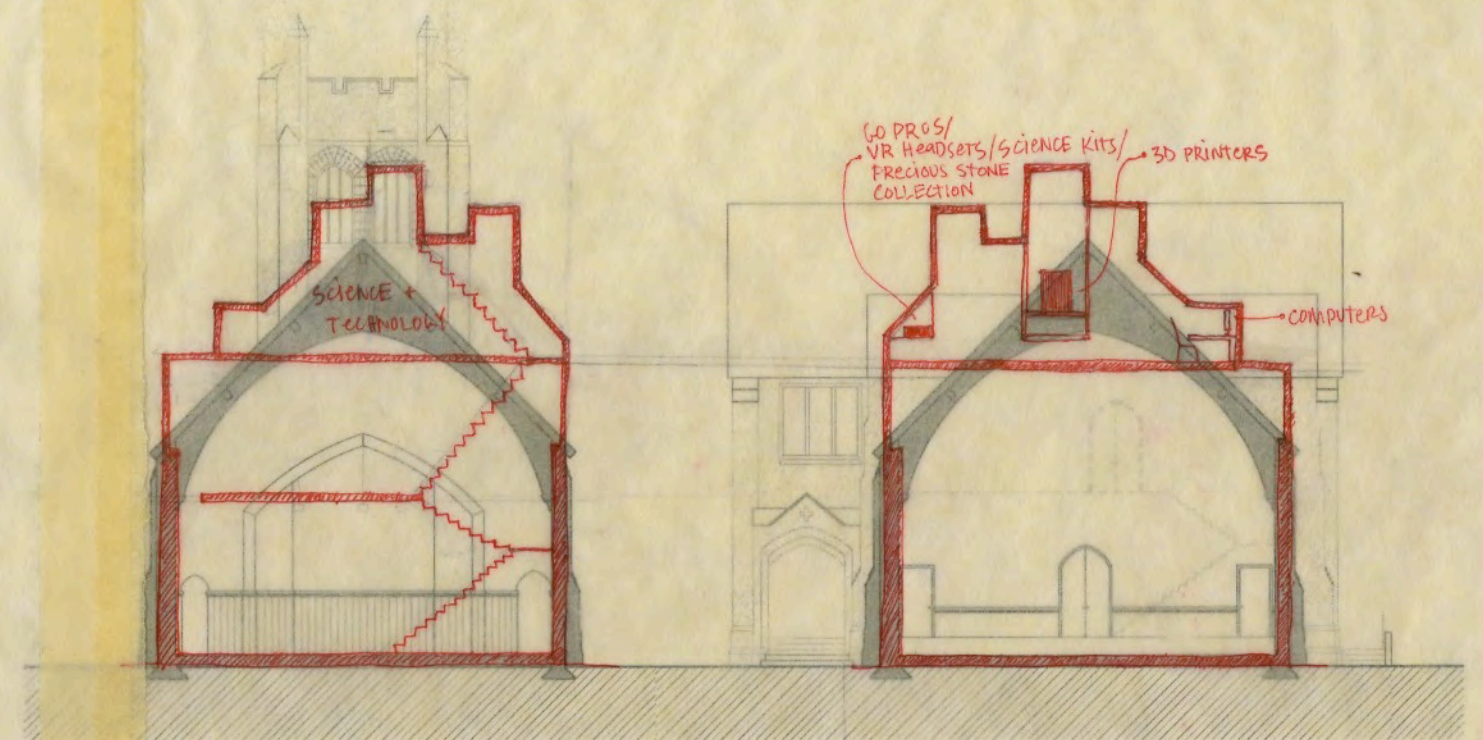
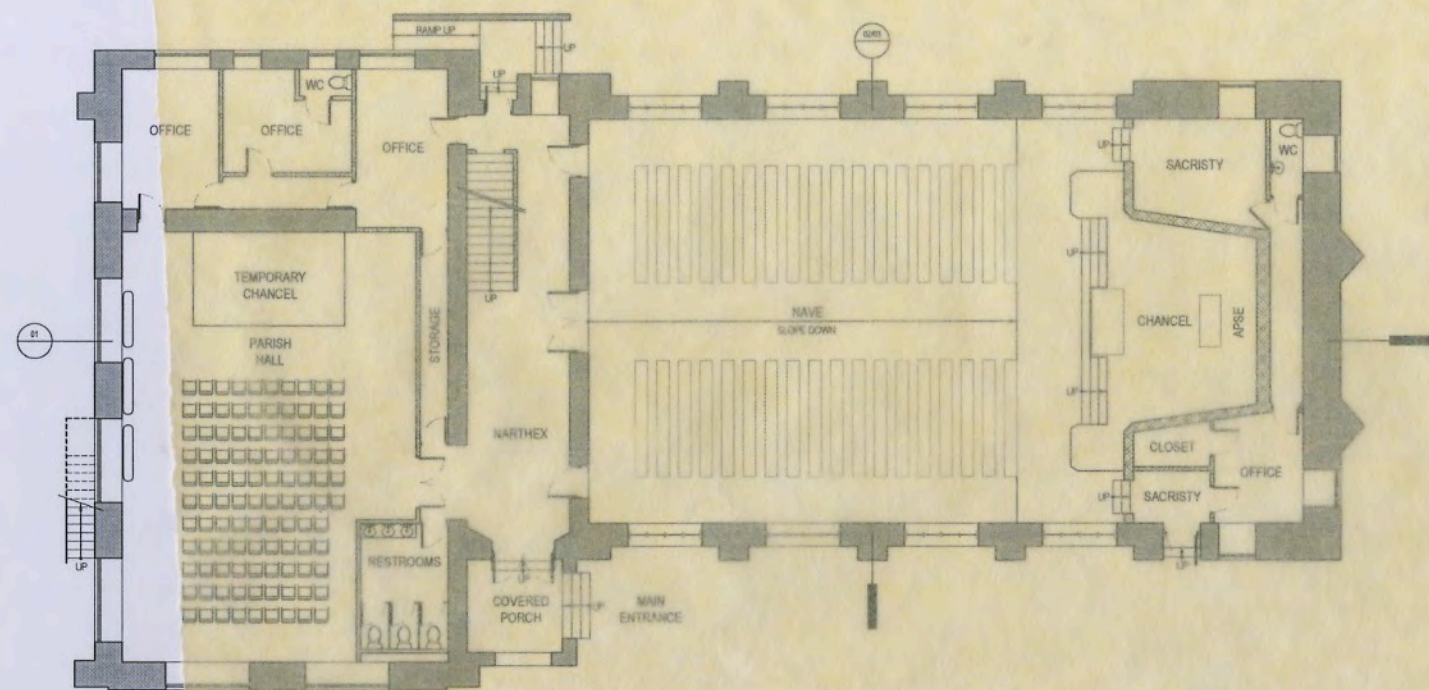
## RECREATIONAL EQUIPMENT:

- BBQ GRILLS
- FOLDING SOCCER GOALS
- SOCCER BALLS
- BASKETBALLS
- BASEBALLS/BATS

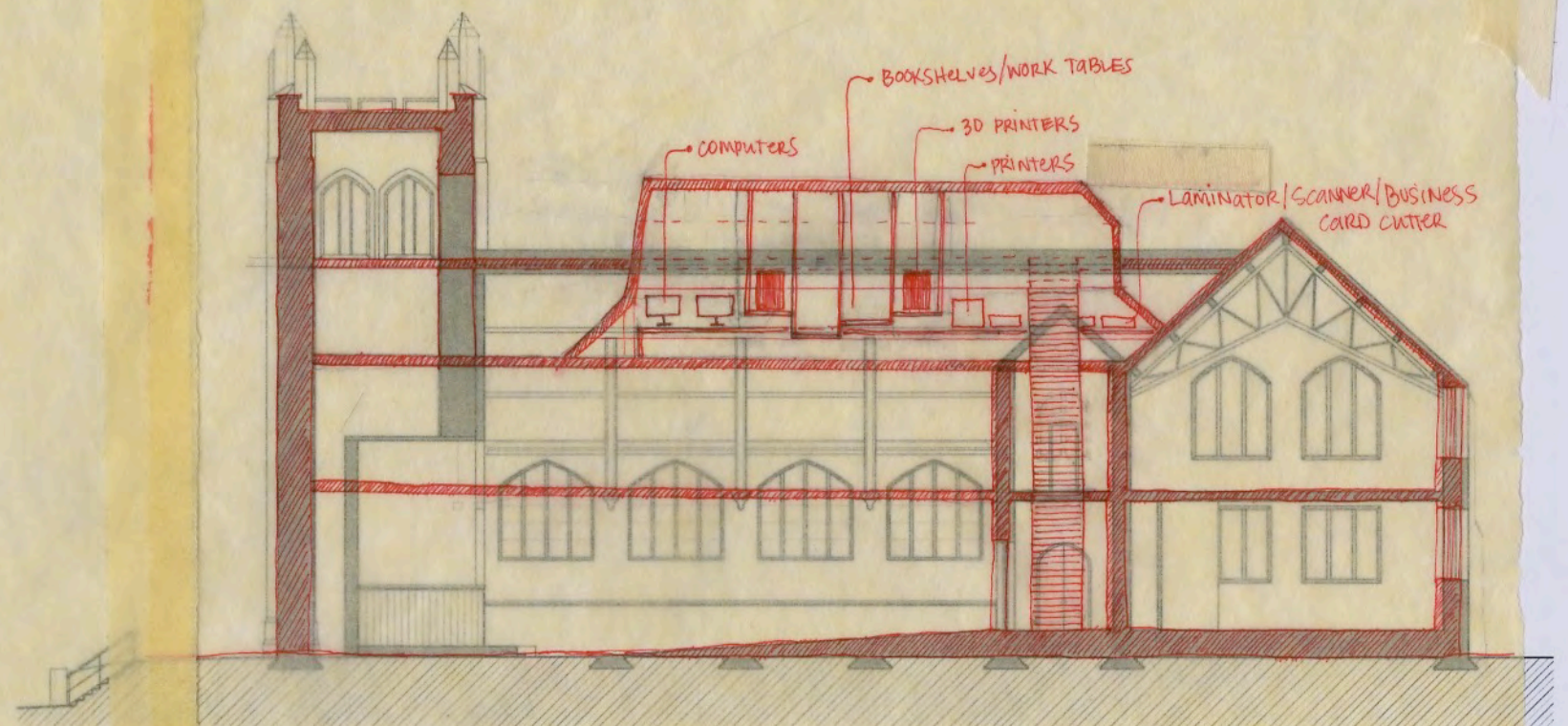
BLEACHERS/RECREATIONAL EQUIPMENT  
STORAGE DETAIL



# SCIENCE + TECHNOLOGY SCHEME



## ADDITION ROOF PLAN

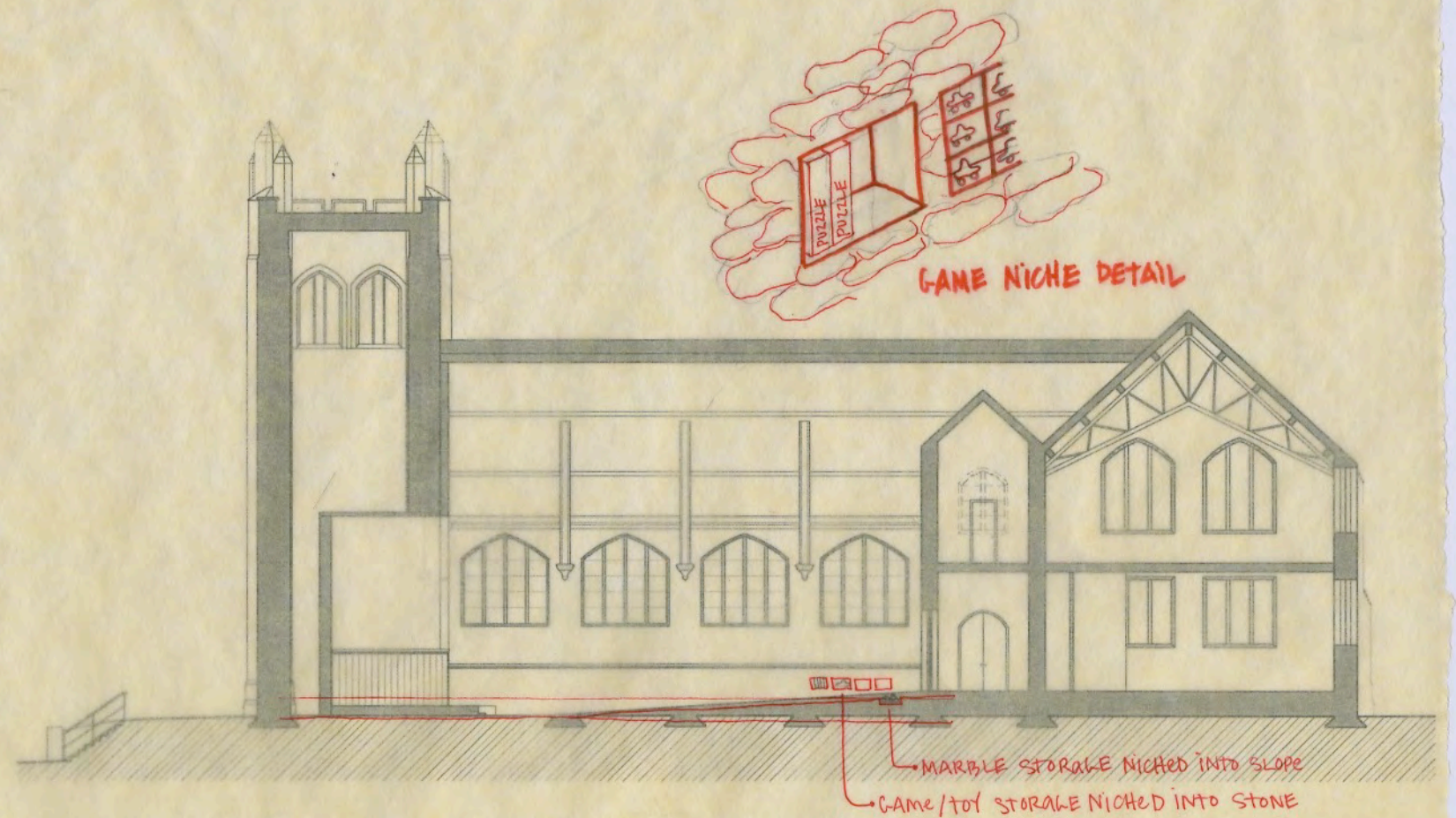
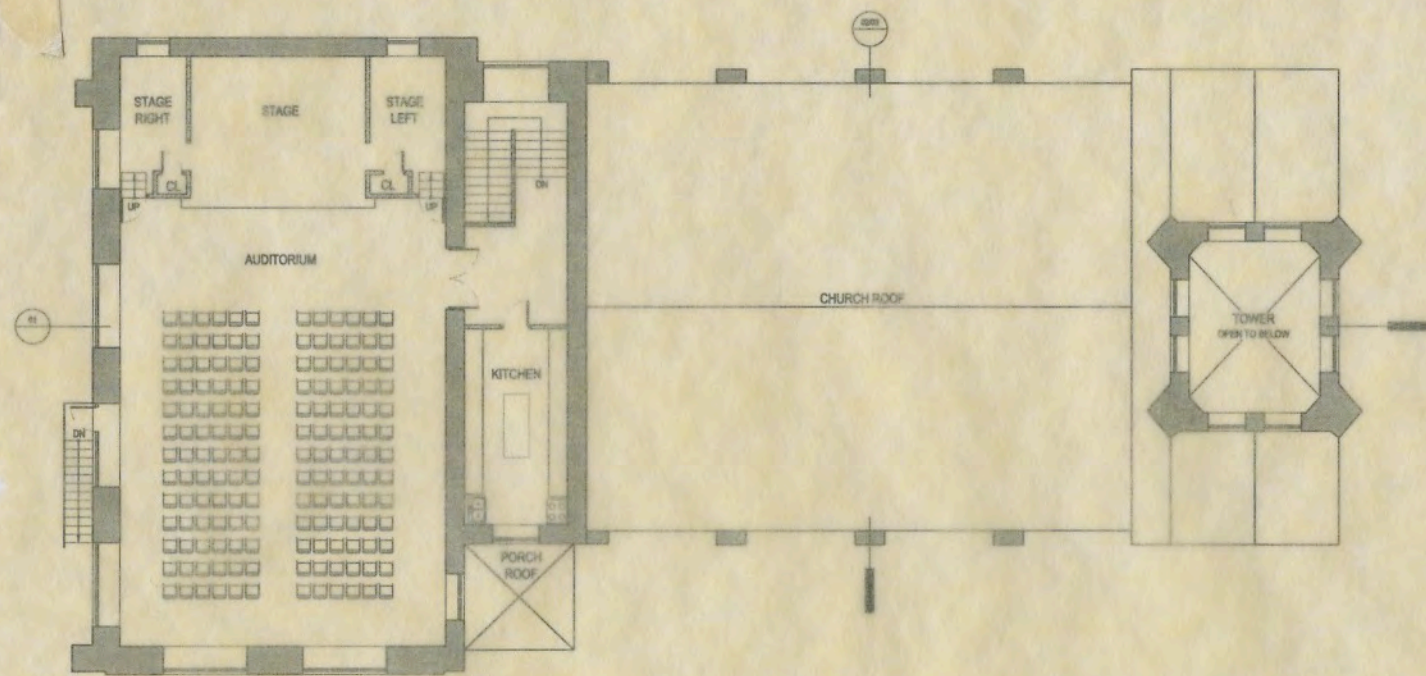
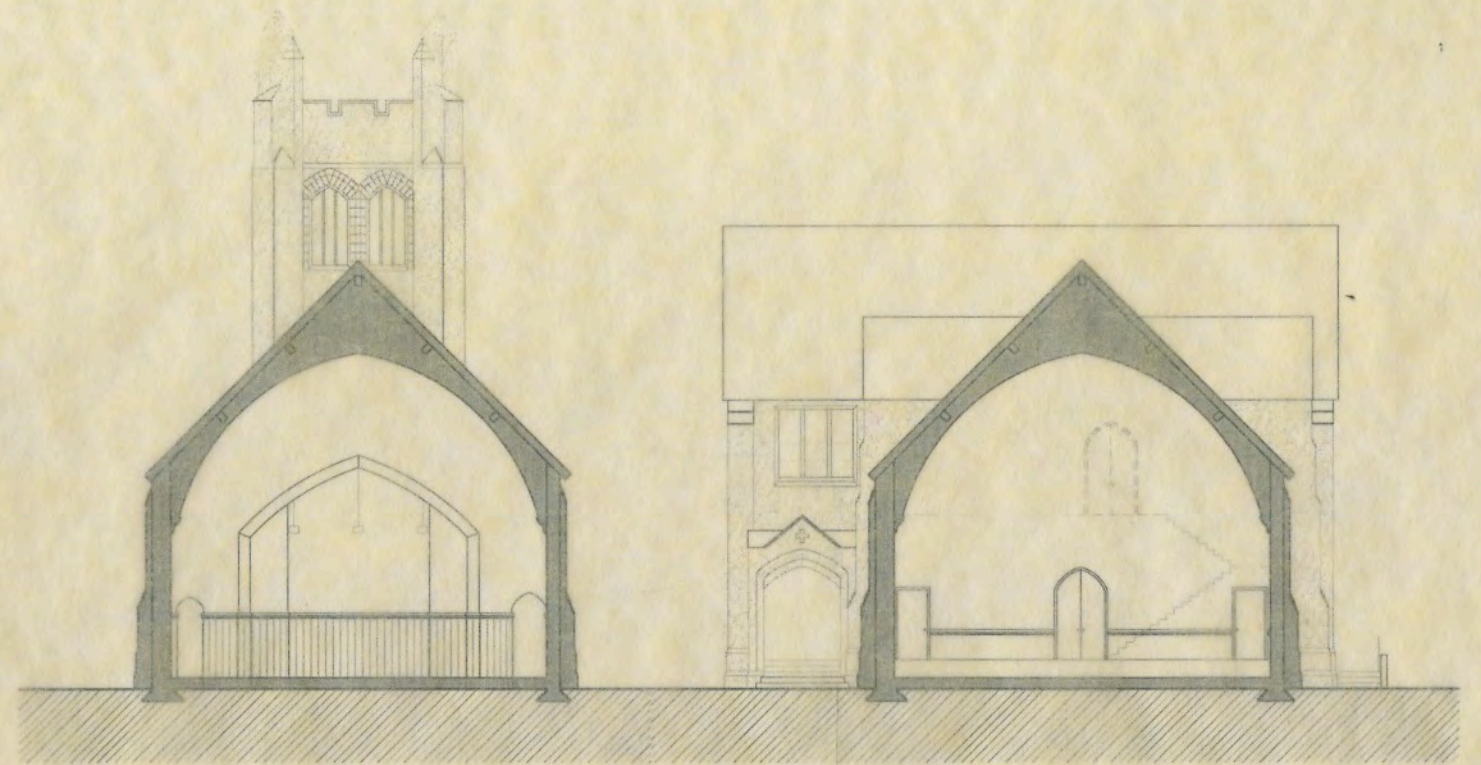
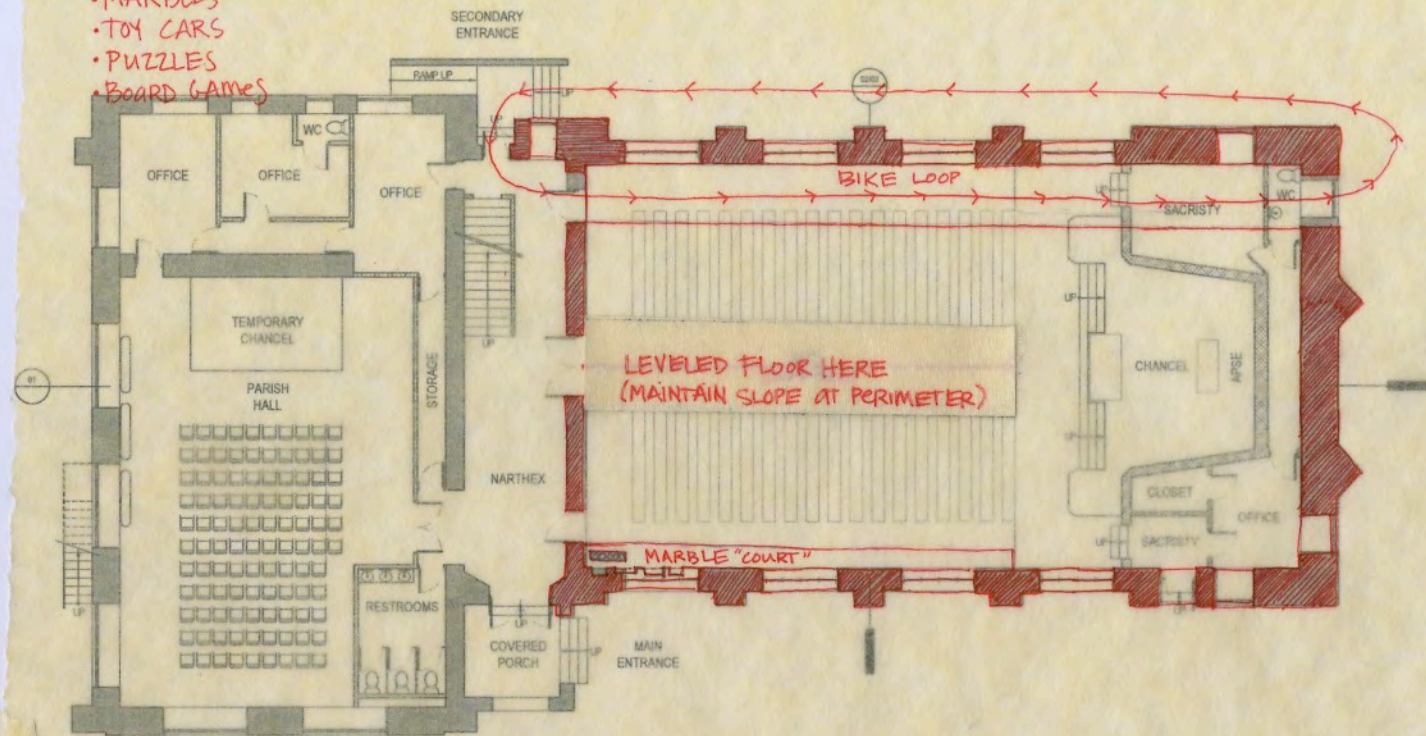




# SLOPED FLOOR SCHEMES

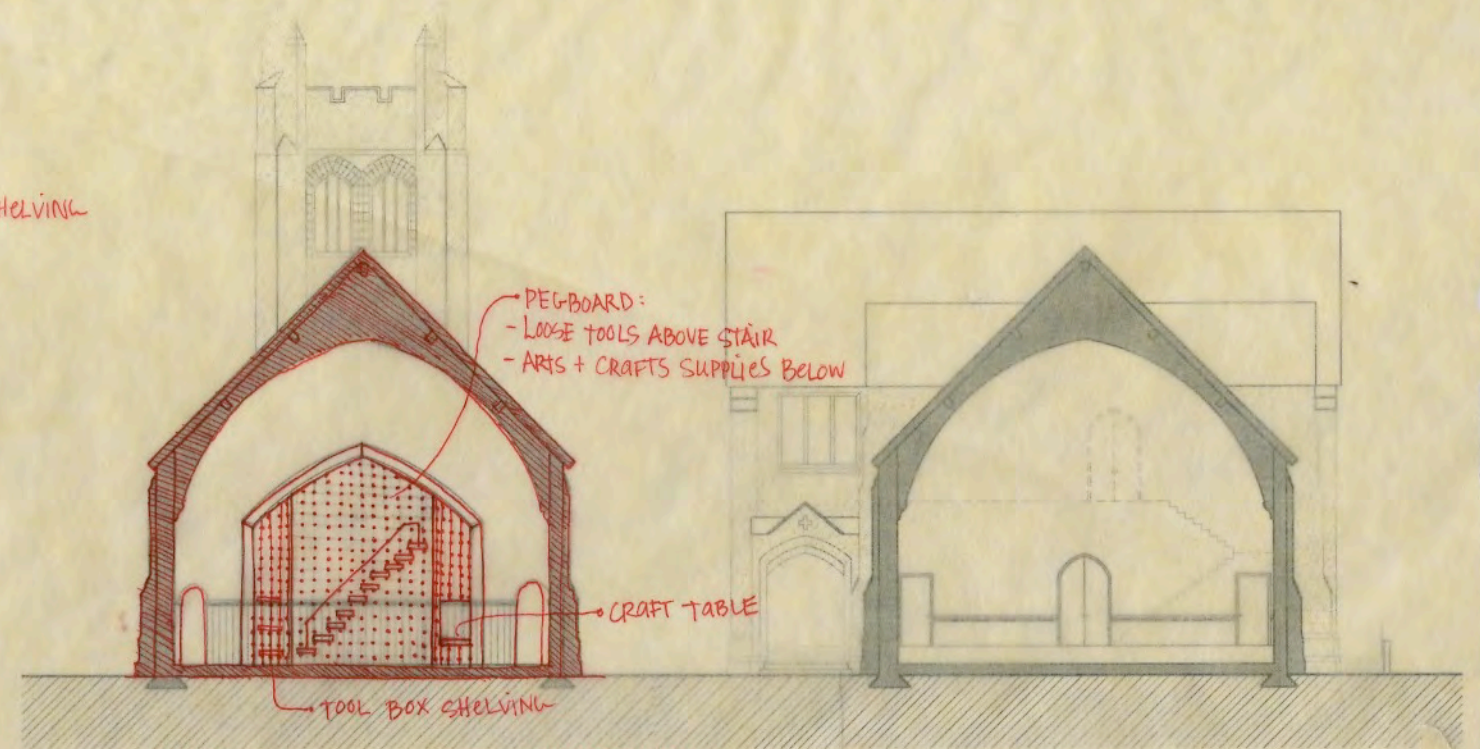
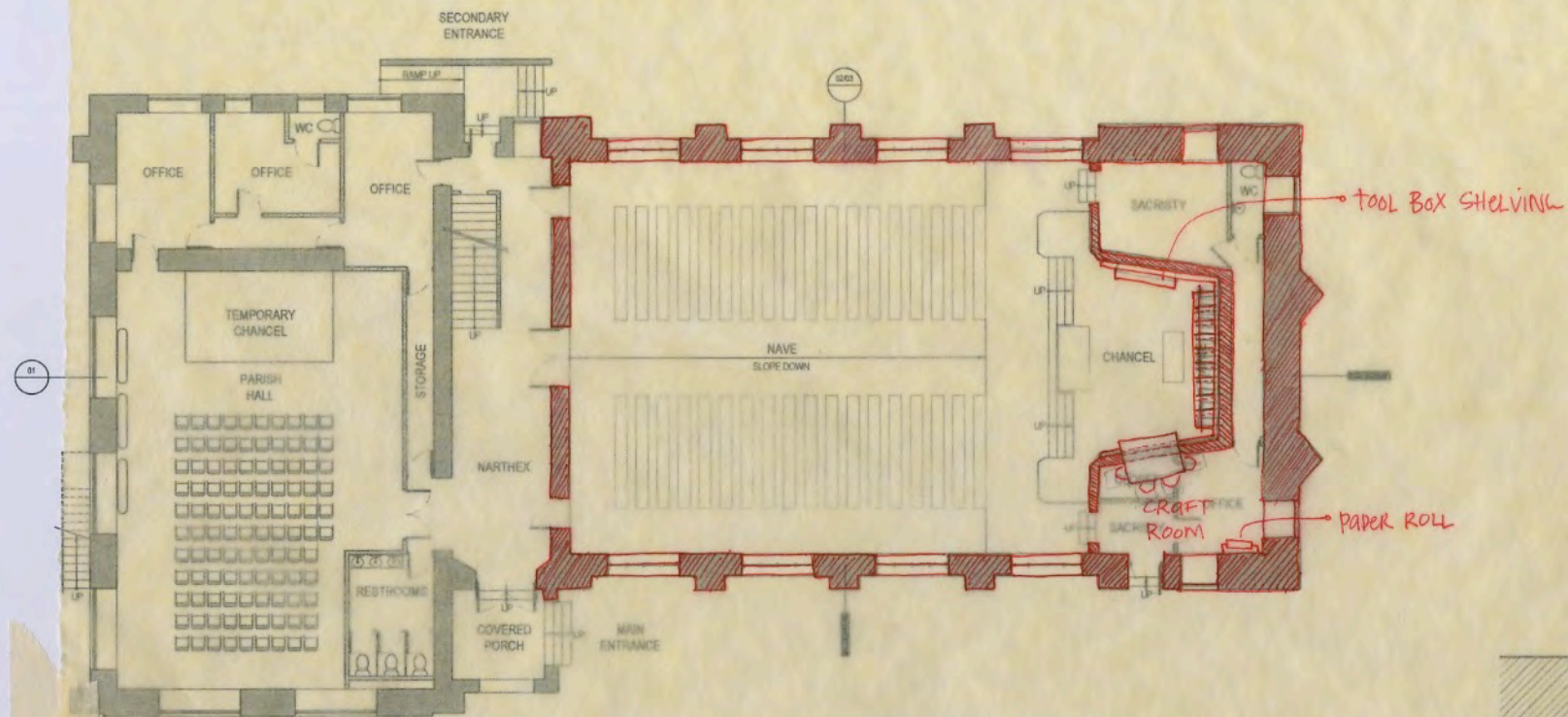
## TOYS, GAMES, BIKE LOOP

- MARBLES
- TOY CARS
- PUZZLES
- BOARD GAMES





# TOOLS, ARTS + CRAFTS SUPPLIES SCHEME

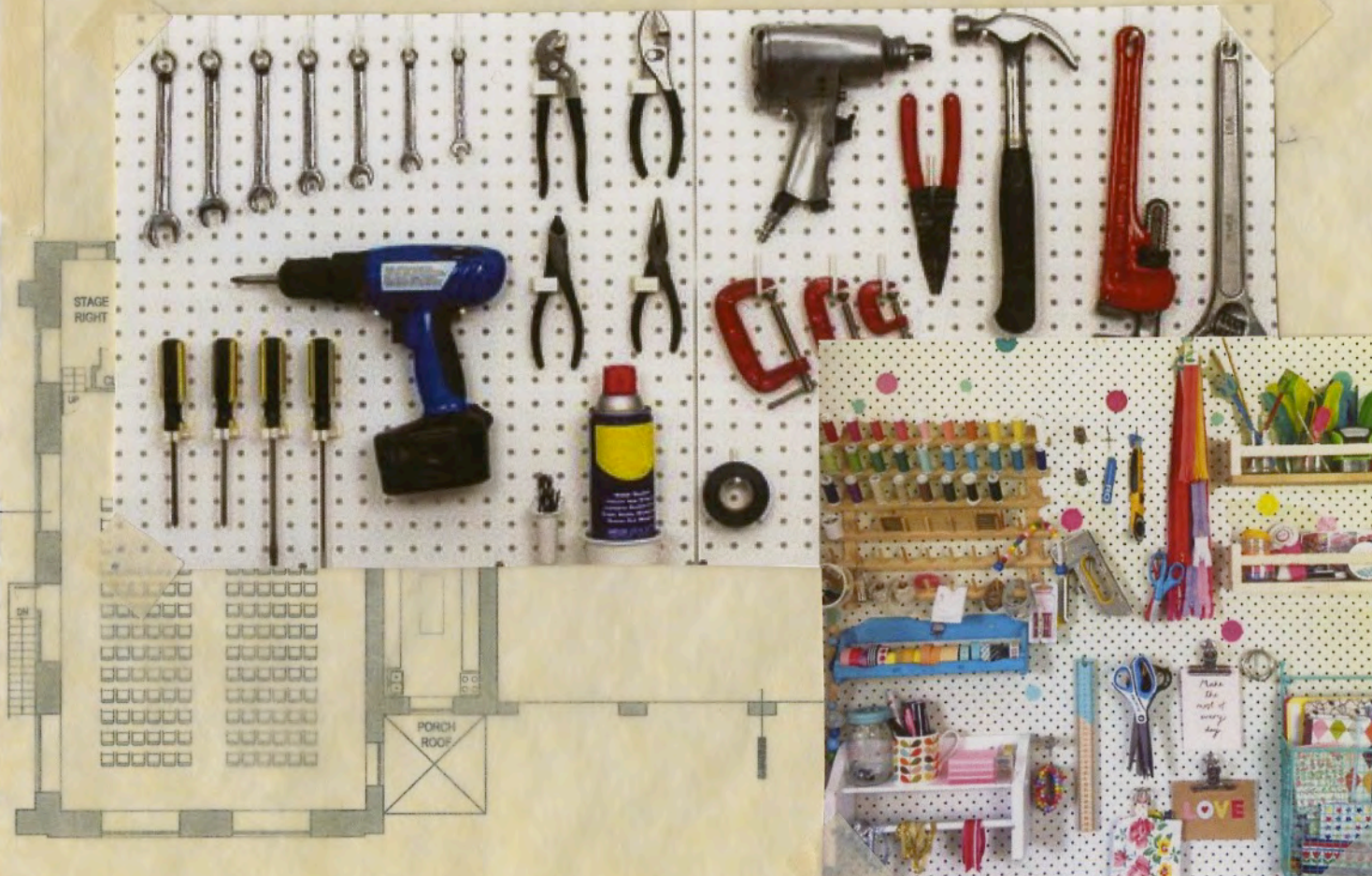


## LOOSE TOOLS:

- HAMMERS
- WRENCHES
- SCREW DRIVERS
- DRILLS
- ALLEN KEYS
- TAPE MEASURERS
- LEVELS

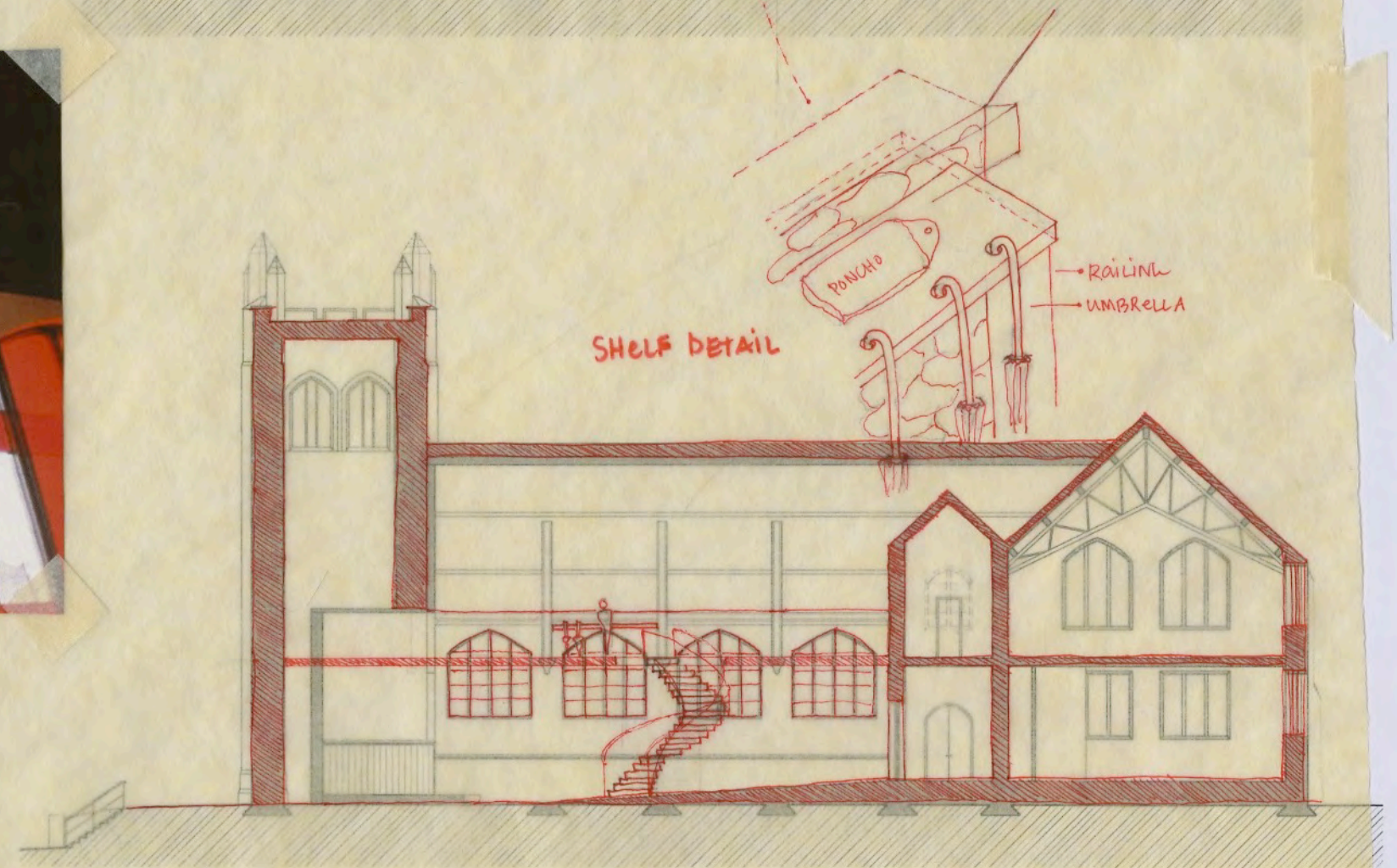
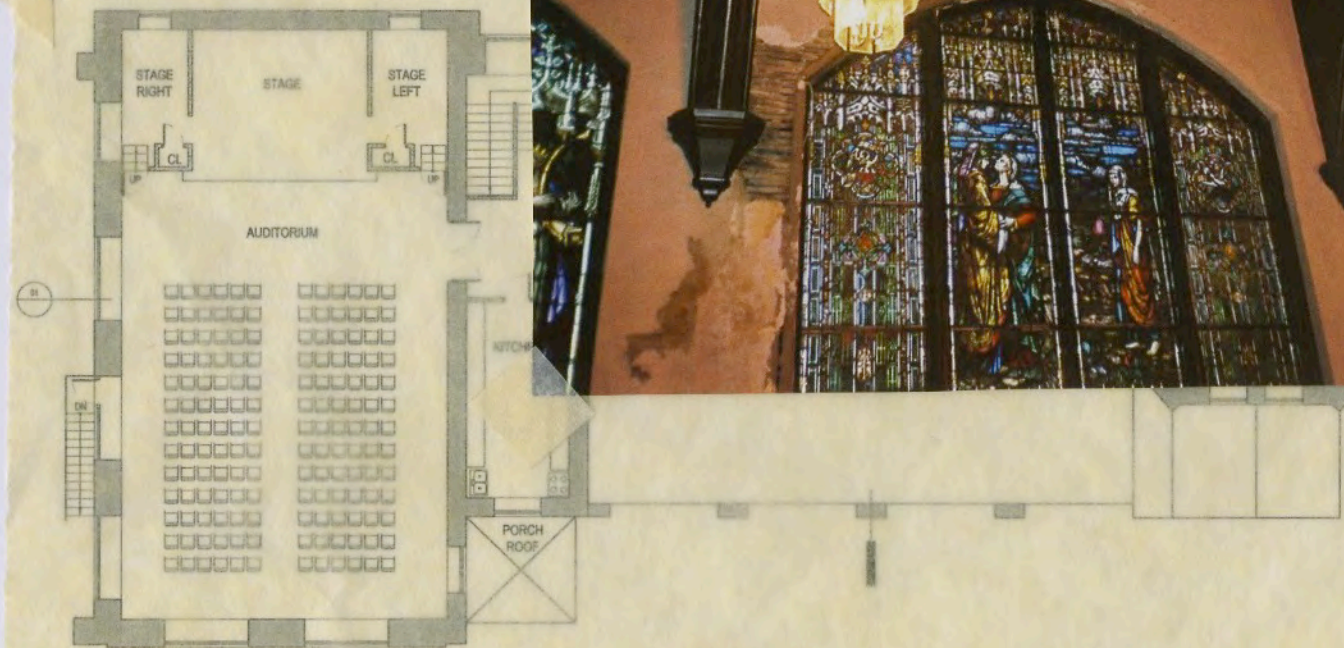
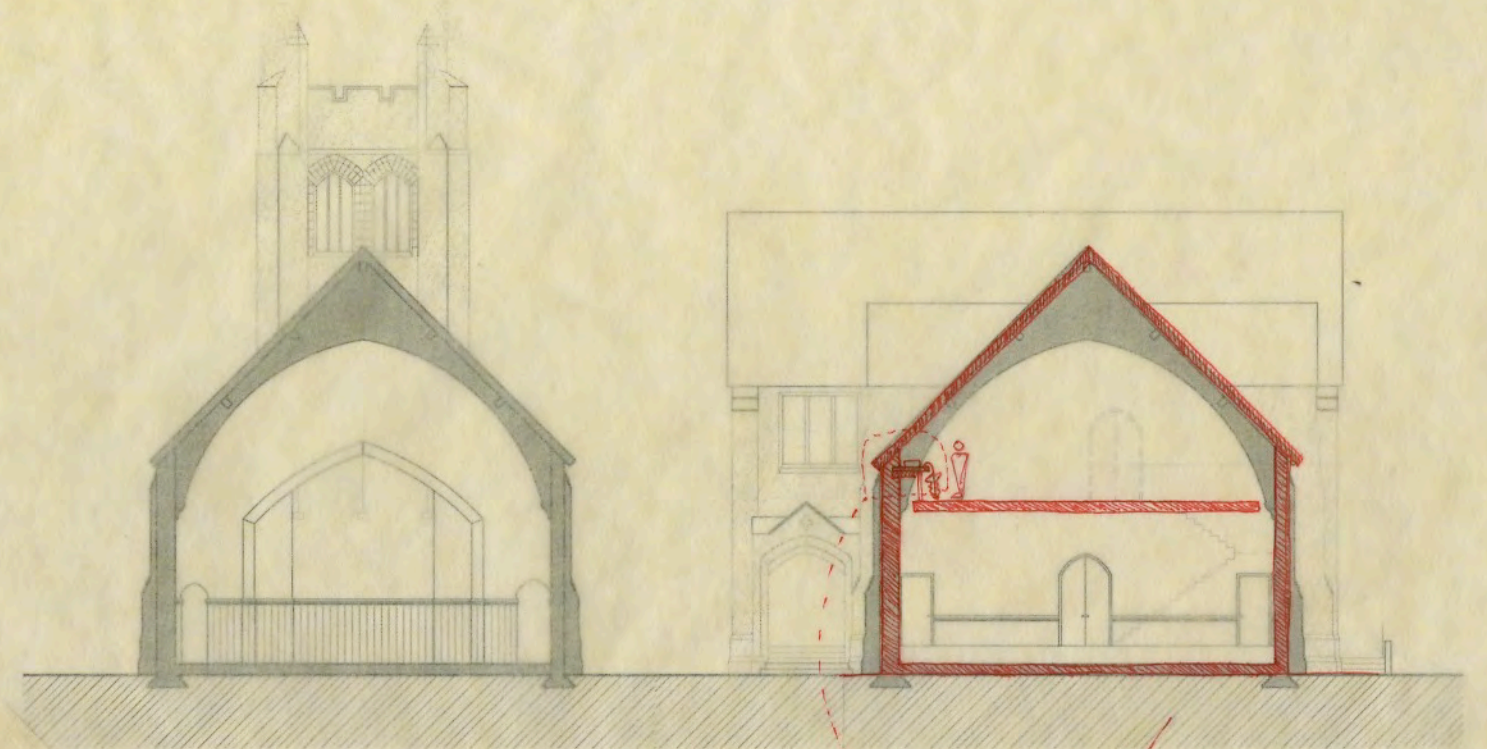
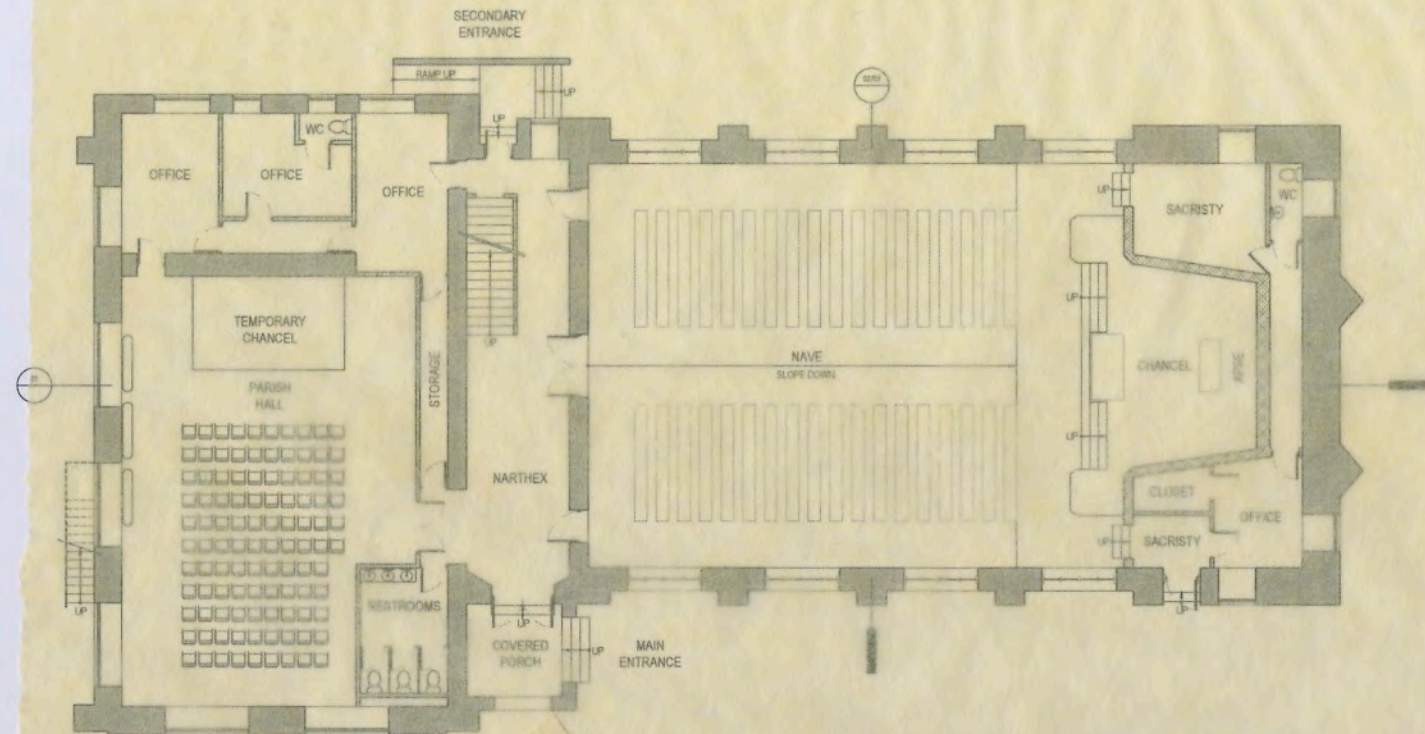
## ARTS + CRAFTS SUPPLIES:

- YARN/NEEDLES
- WATERCOLORS
- PAINT/BRUSHES
- PAPER
- STRING/FISHING WIRE/THREAD
- BEADS
- CRAYONS/MARKERS/PENCILS
- SCISSORS





# WEATHER PROTECTION SCHEME





Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

**process** | concept models







Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

midterm | presentation spreads



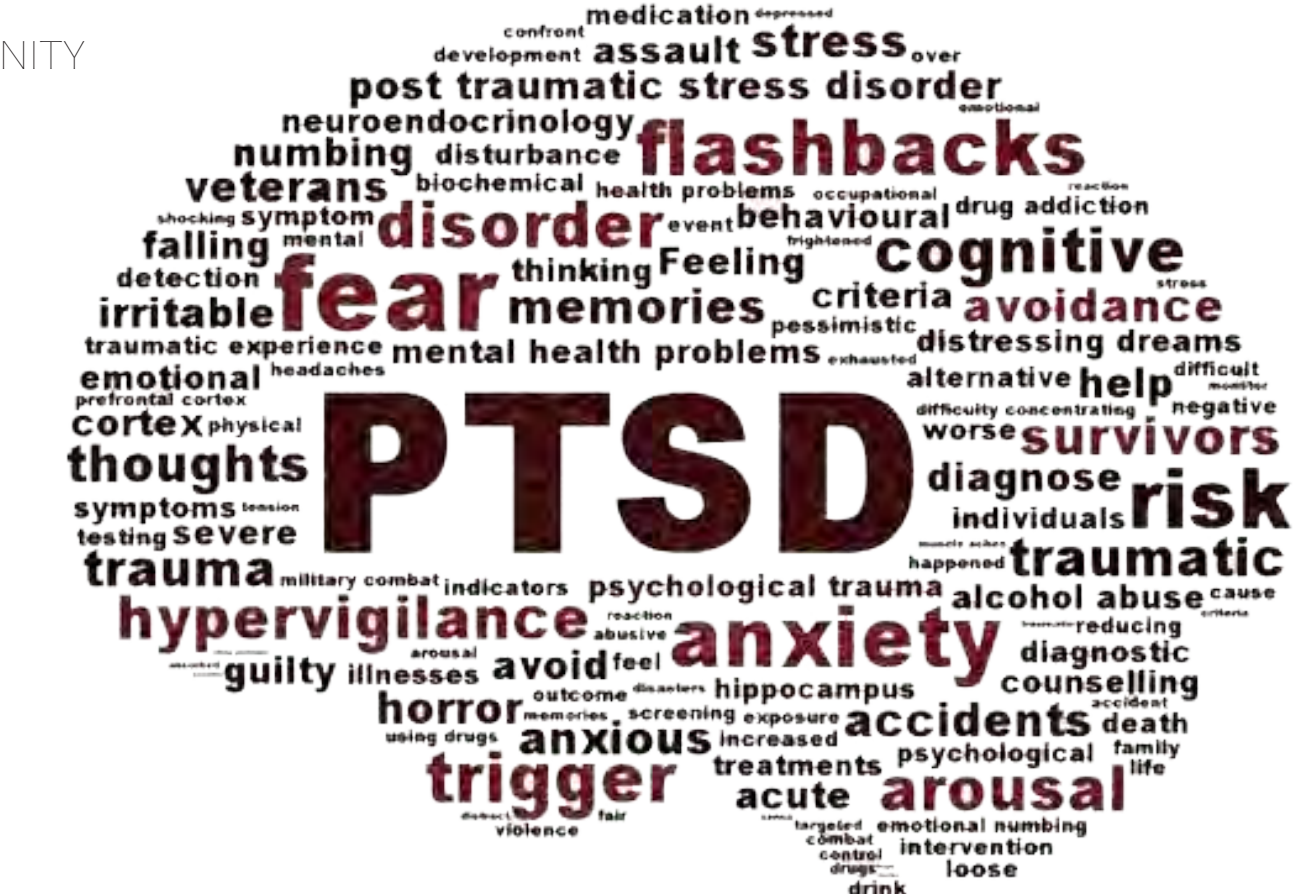
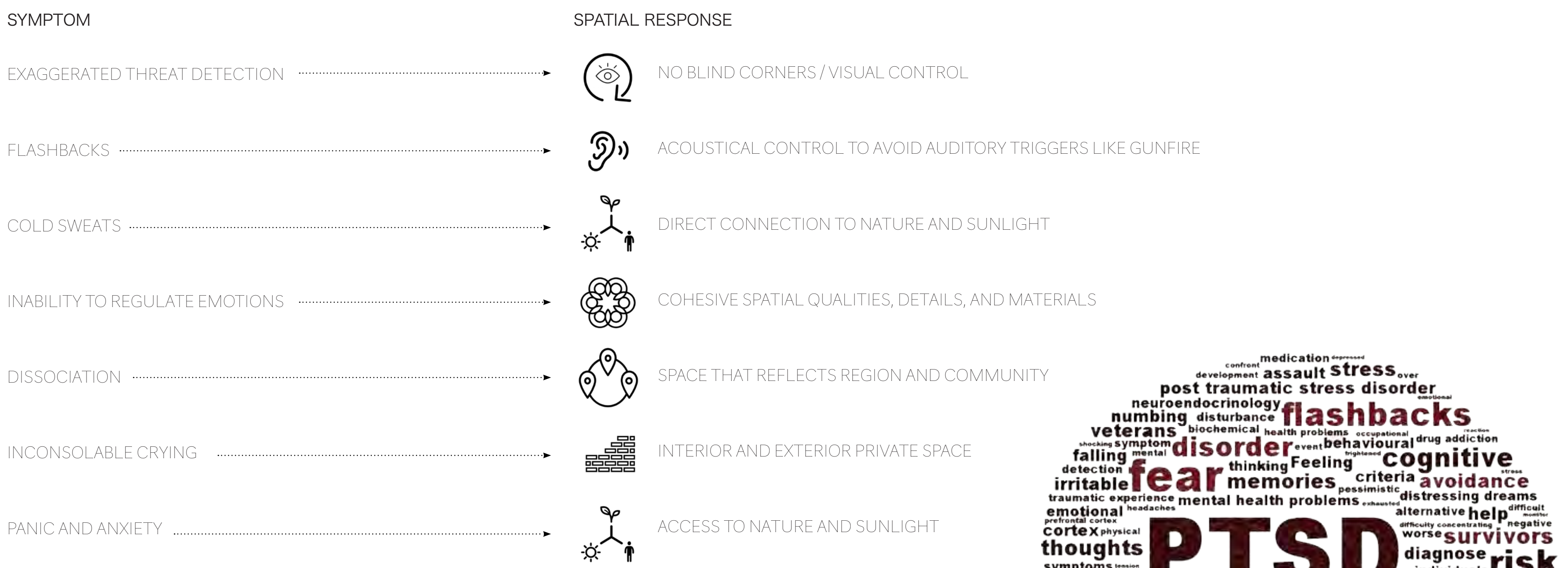
# Personal Trauma, Community Healing:

## Reimagining sanctuary for survivors of gun violence

Design Thesis | Spring 2019 | Midterm Review  
Eva McCarthy

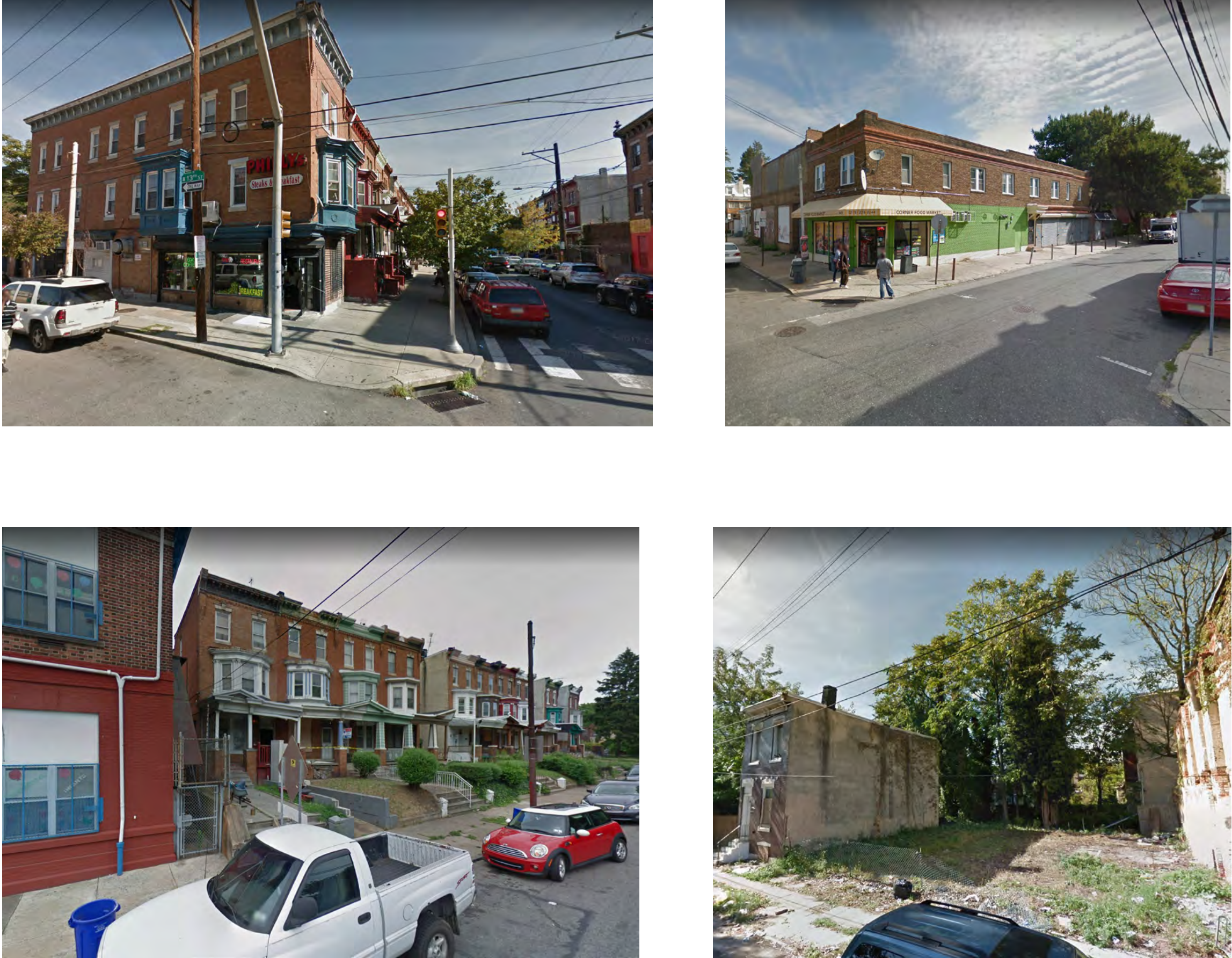
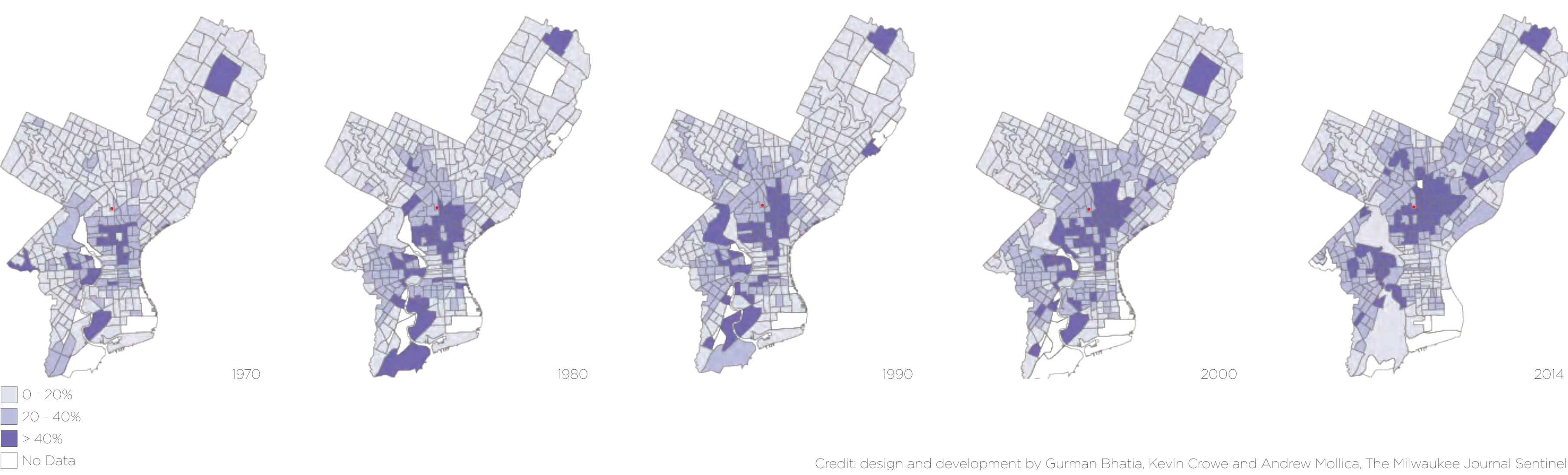
Communities that suffer from high levels of *gun violence* experience *post-traumatic stress disorder* in equal measure to veterans of war, but lack spaces to *heal*. The *church's* loosening hold as a *community anchor* has deepened the void, exacerbating a national *trauma* epidemic. These buildings must become a new type of *sanctuary* in communities dealing with gun violence. The decaying Bethel Holy Temple Church sits in the struggling neighborhood of *North Philadelphia*. Its reuse as a healing space for trauma will be emblematic of a new age and a crucial step in *mending* a frayed social and urban fabric.

### THE ARCHITECTURAL IMPLICATIONS OF PTSD

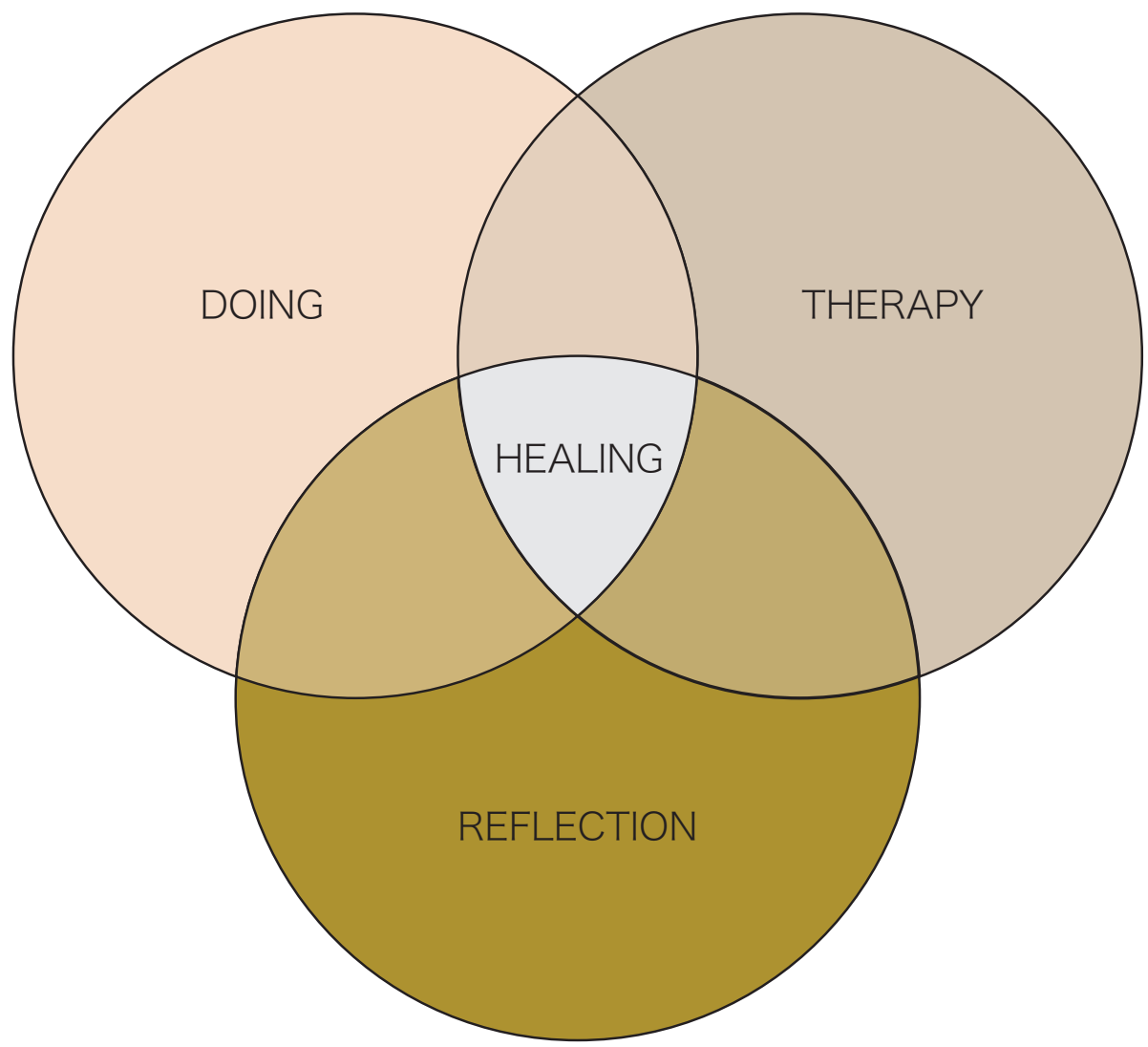
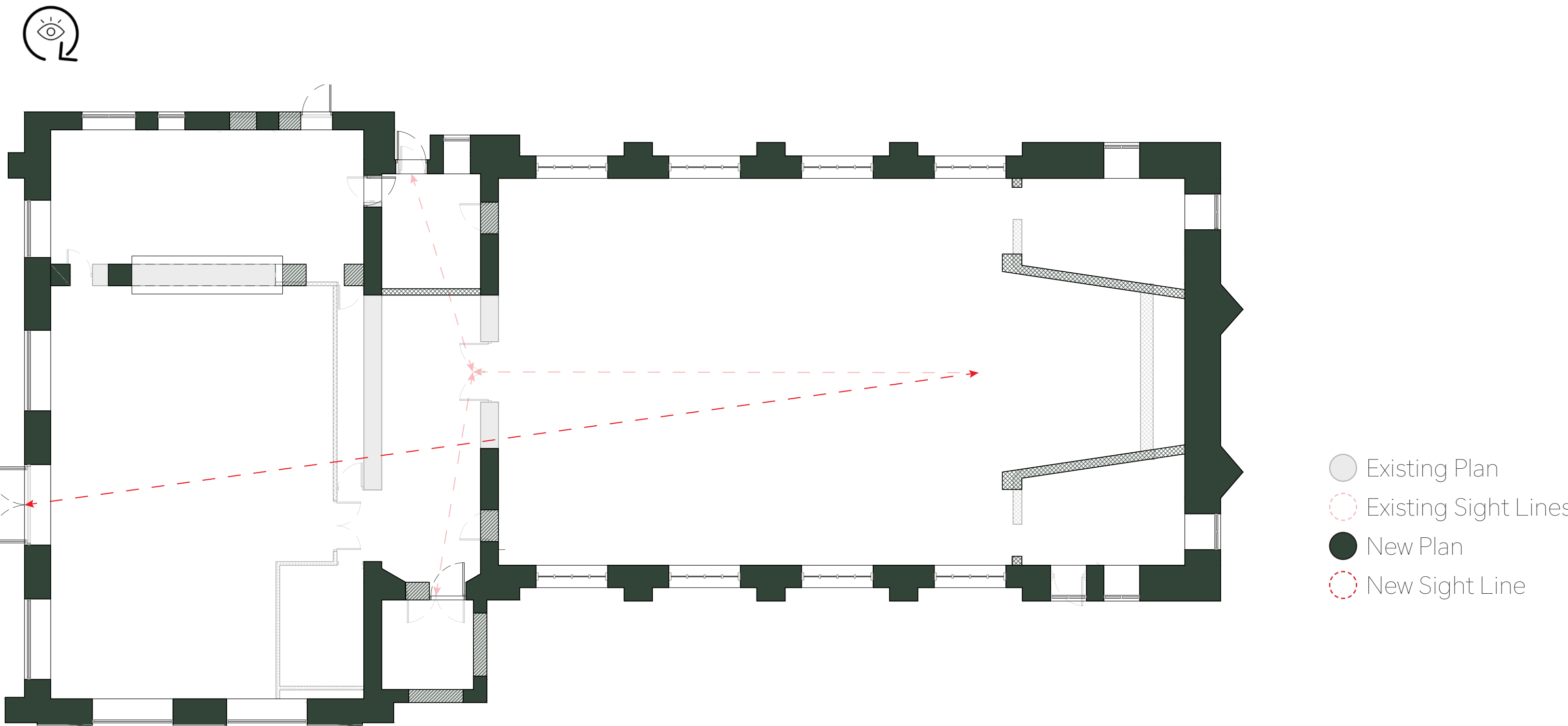
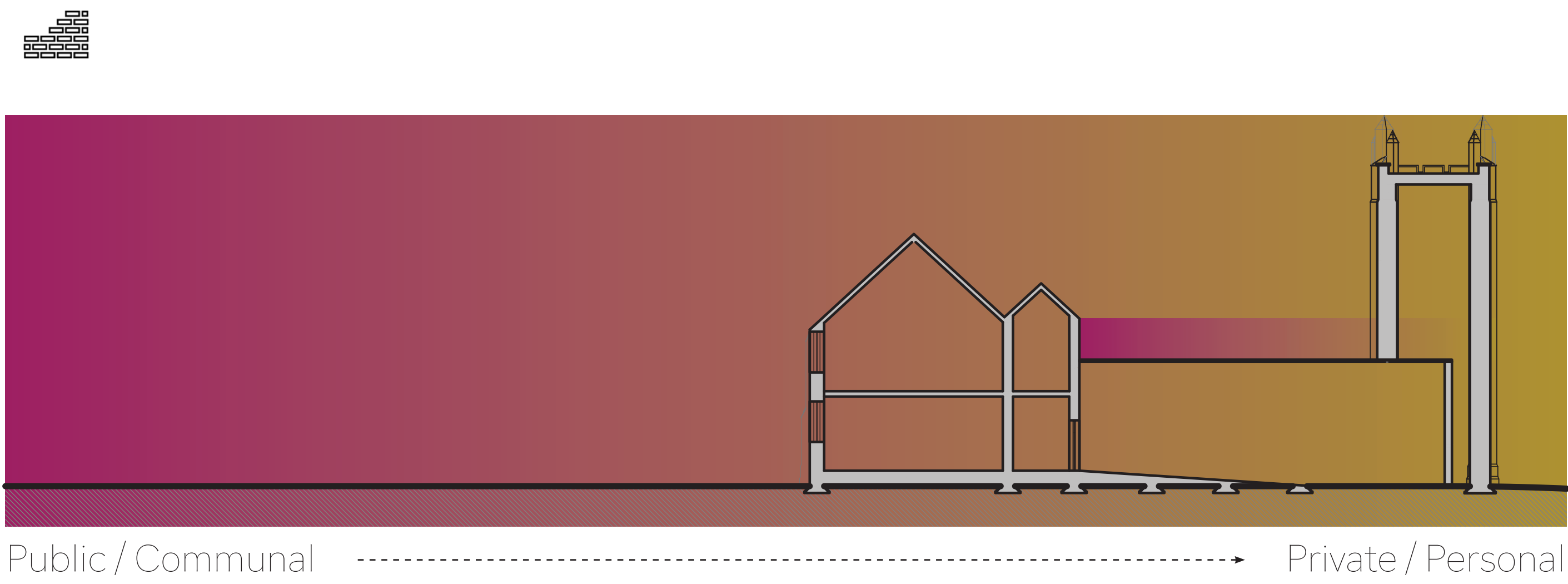


### NICETOWN-TIOGA, PHILADELPHIA

Percentage of people living in poverty by census tract



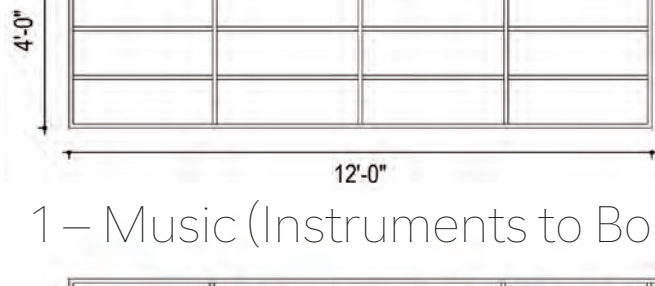
### SITE AND BUILDING STRATEGY



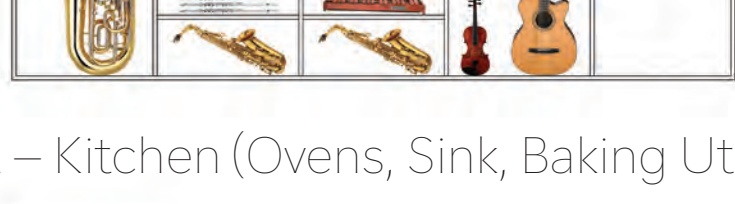


# SHELVING FOR EVERYTHING

The Typical Module



1 – Music (Instruments to Borrow)



2 – Kitchen (Ovens, Sink, Baking Utensils)



3a / 3b – Kitchen (Baking Ingredients, Appliances, Tableware)



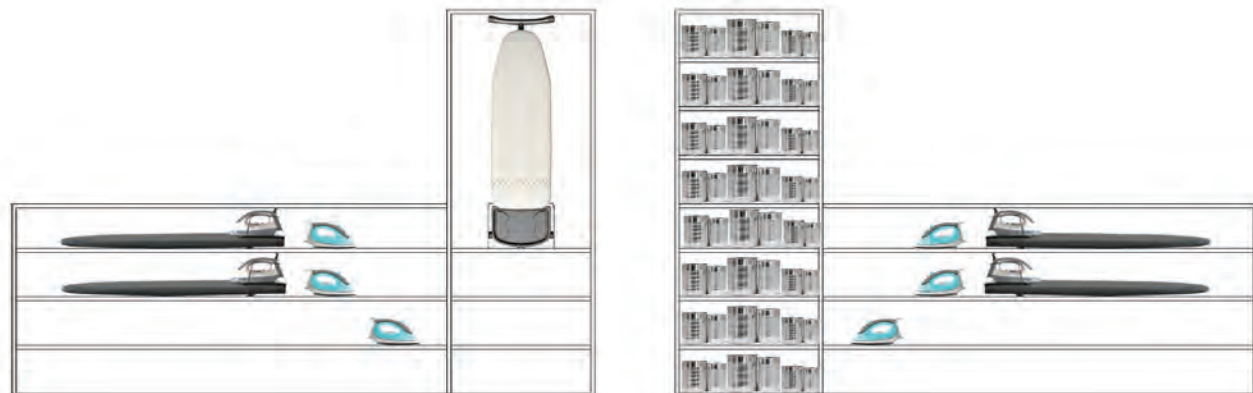
4a / 4b – Kitchen (Appliances to Borrow, Cookbooks)



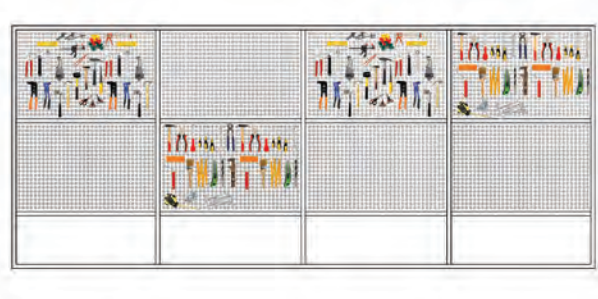
5 – Home (Sewing)



6a / 6b – Home (Ironing)



7 – Tools



8 – Motorcycle



9a / 9b – Workbench



10 – Bicycles



11a / 11b – Sports (Balls, Bats, Nets)



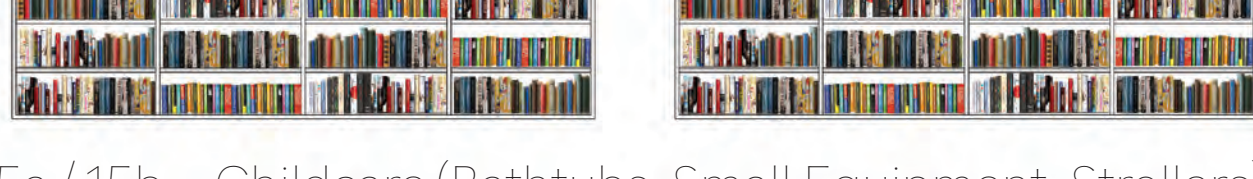
12a / 12b – Gardening (Equipment & Seeds)



13 – Barbecue Grills



14a / 14b – Childcare (Books)



15a / 15b – Childcare (Bathtubs, Small Equipment, Strollers)



16a / 16b – Childcare (Pack n Plays)



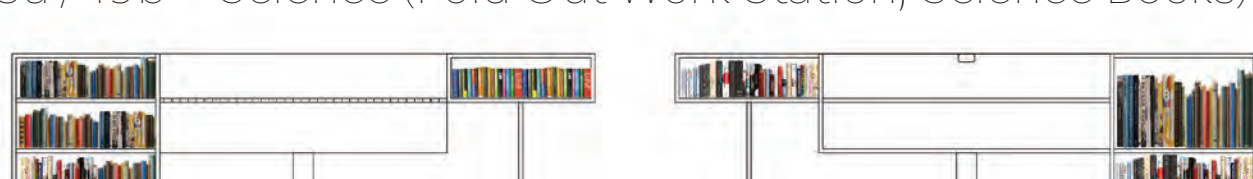
17a / 17b – Childcare (Car Seats)



18 – Science (Equipment)



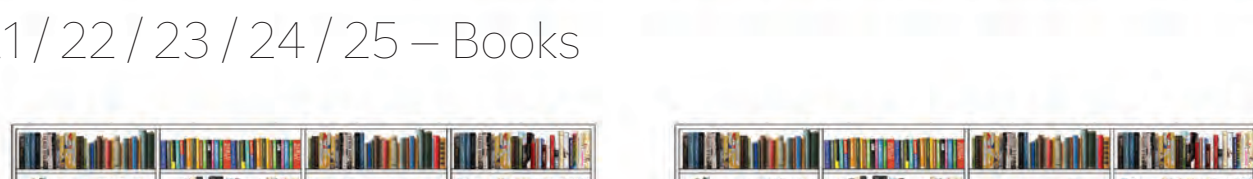
19a / 19b – Science (Fold Out Work Station, Science Books)



20a / 20b – Science (Ingredients, Science Books)



21 / 22 / 23 / 24 / 25 – Books



26a / 26b – Kids (Toys)



27 – Kids (Games)



28a / 28b – Arts & Crafts (Fold Out Work Station, Supplies)



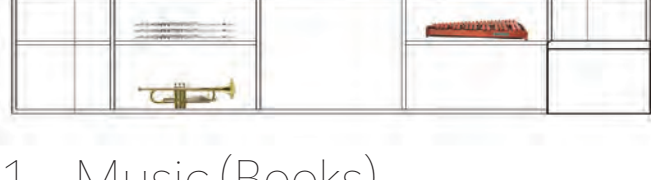
29 – Heating & Cooling



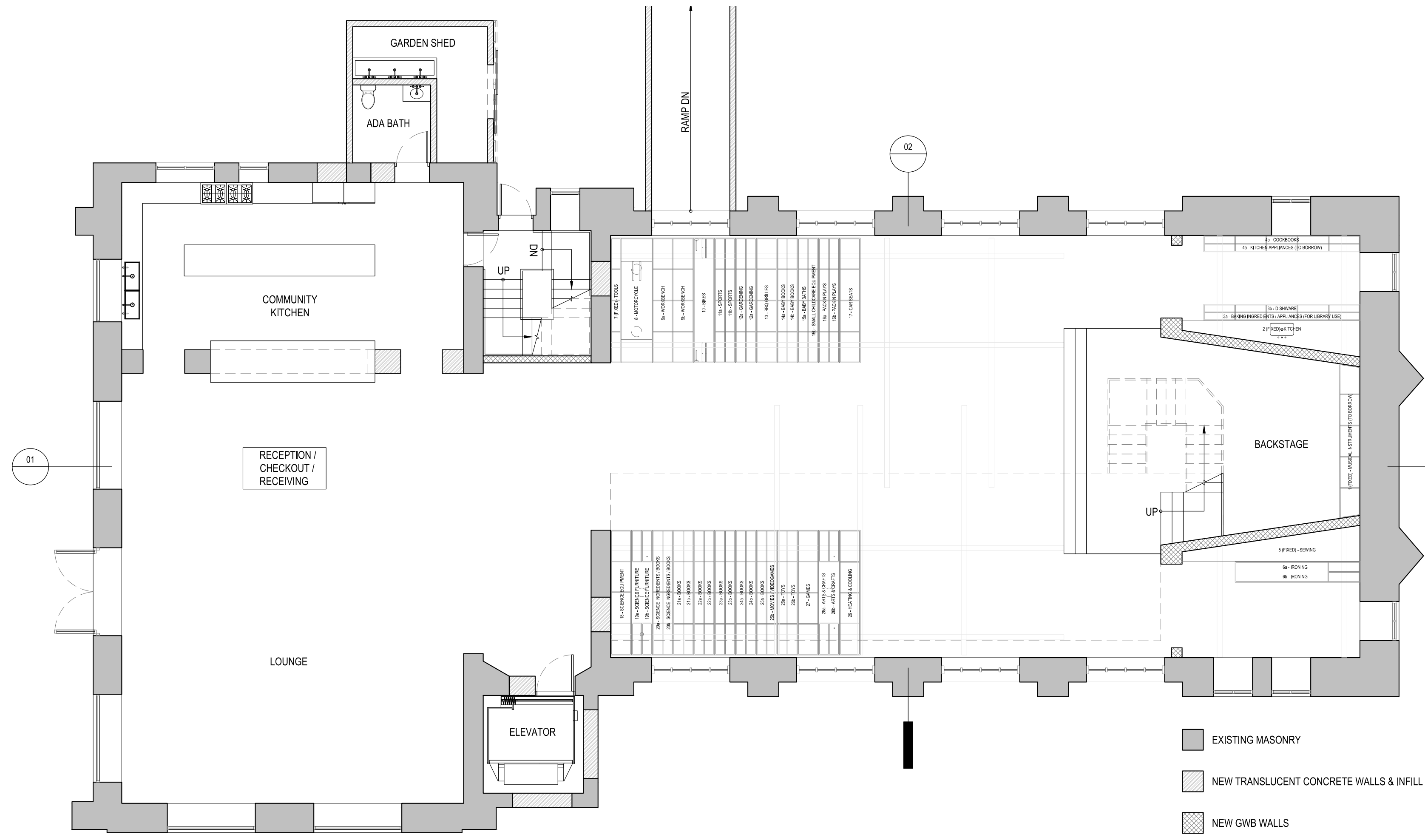
30 – Music (Practice Area)



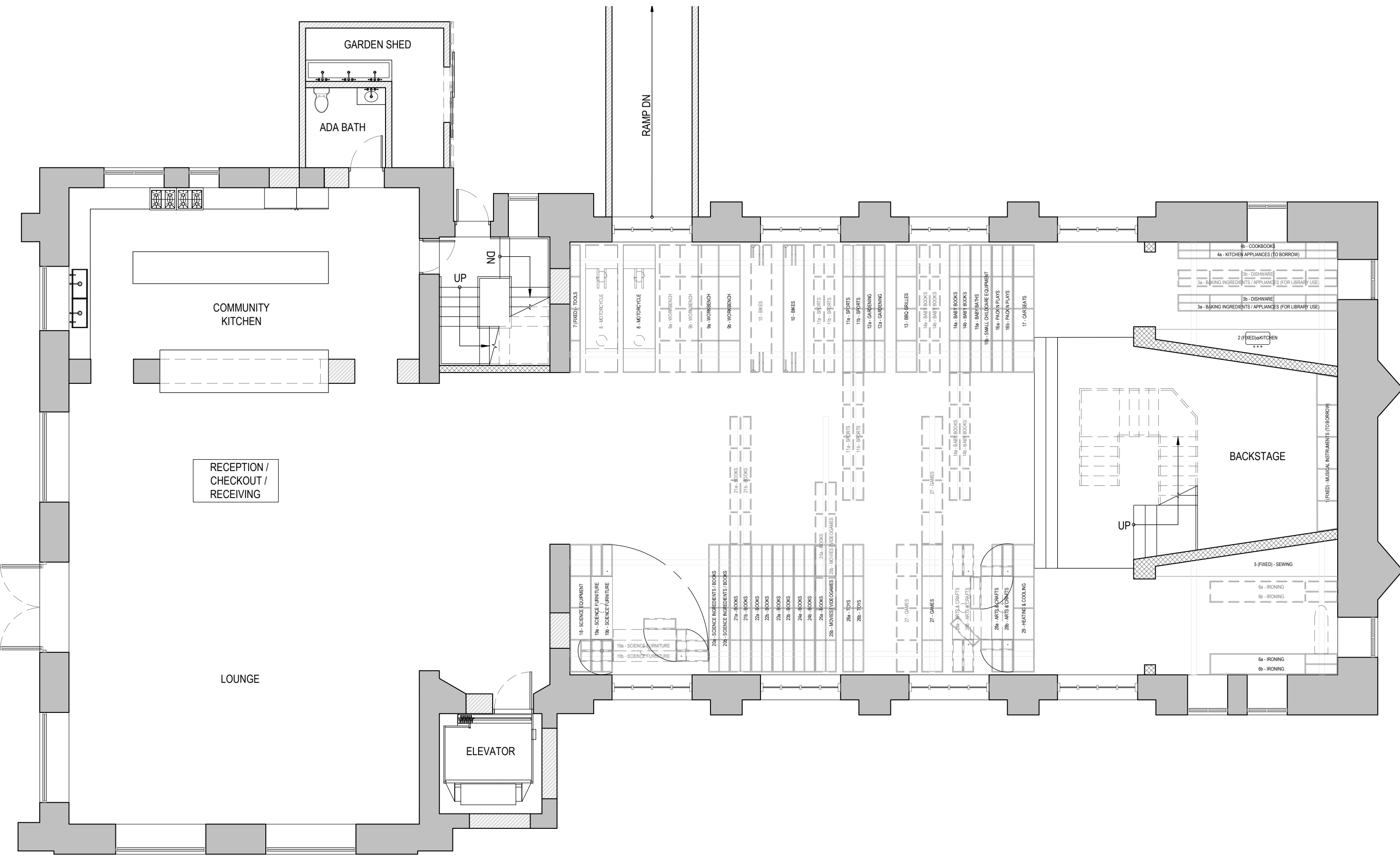
31 – Music (Books)



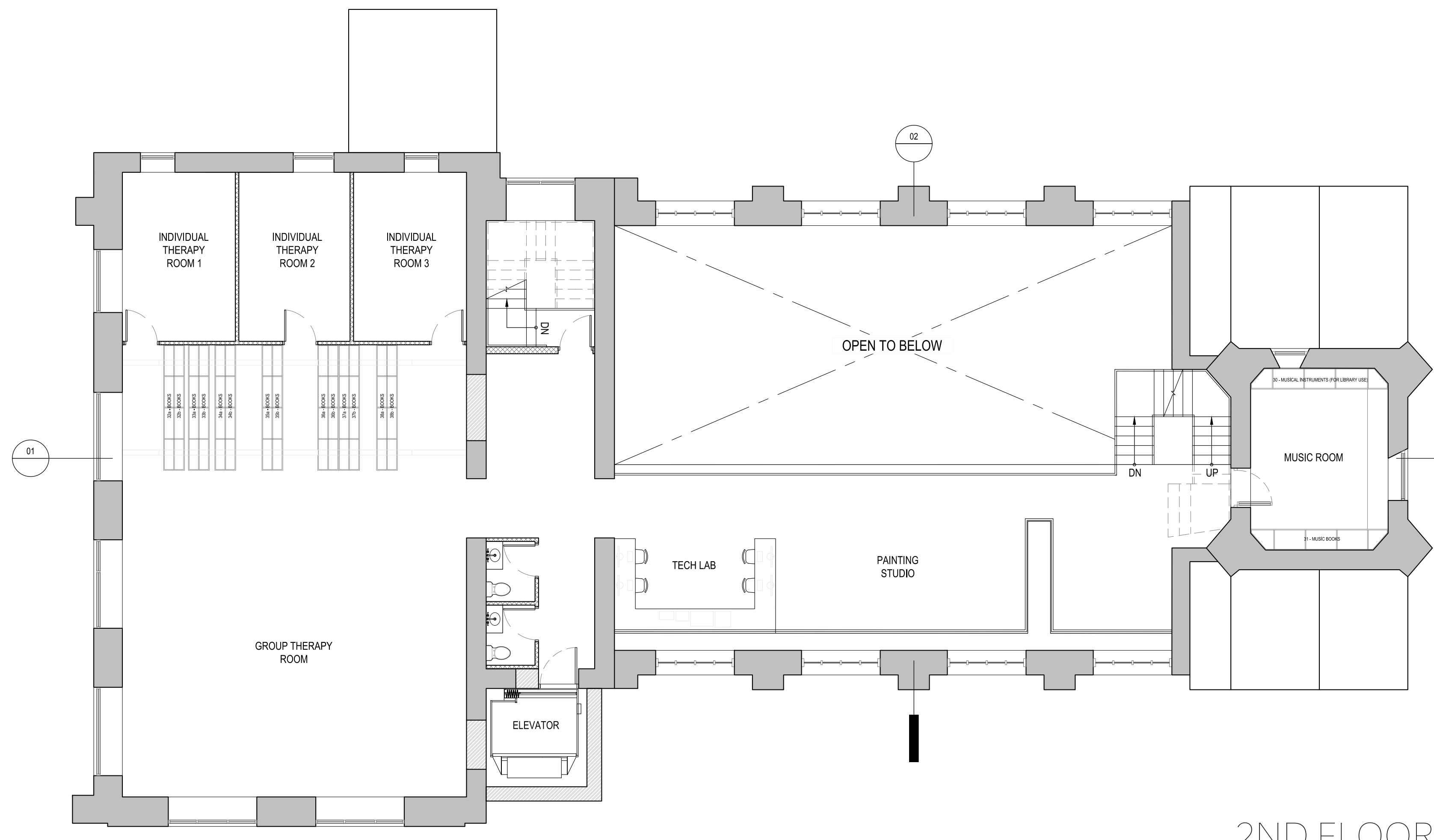




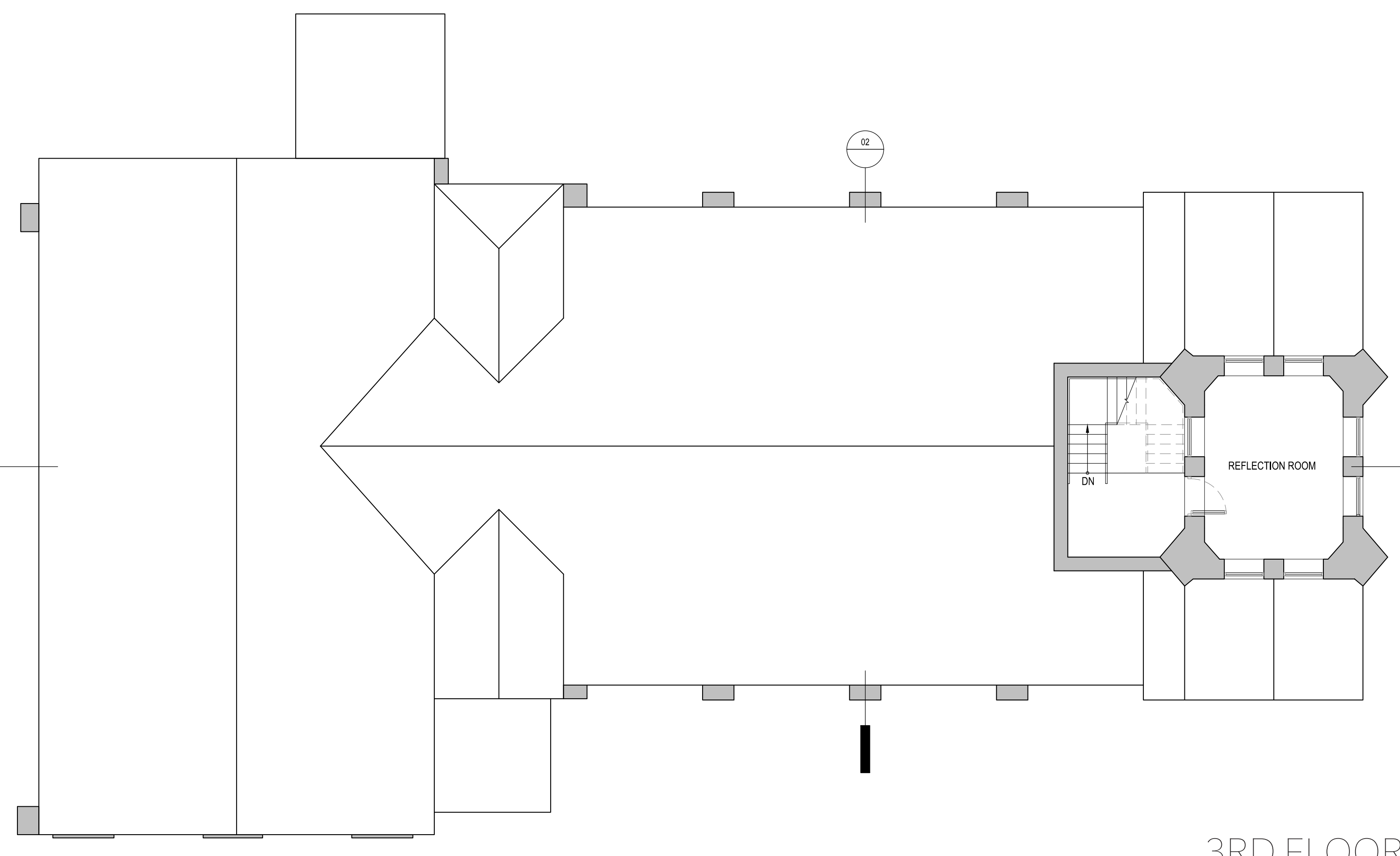
1ST FLOOR - STORED SHELIVING



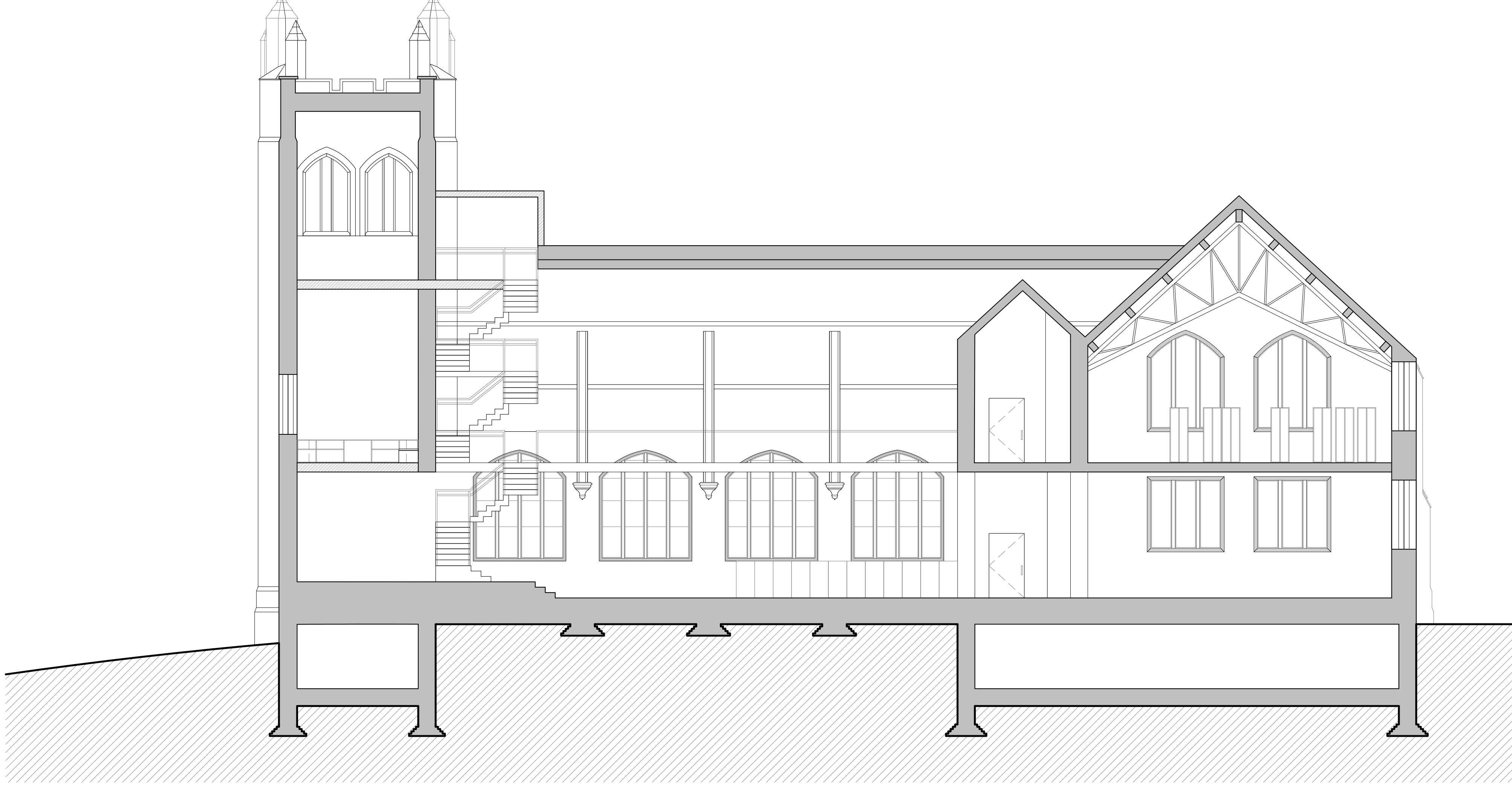
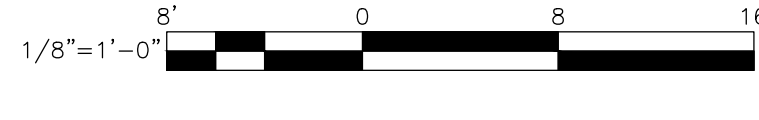
1ST FLOOR - ACTIVATED SHELIVING



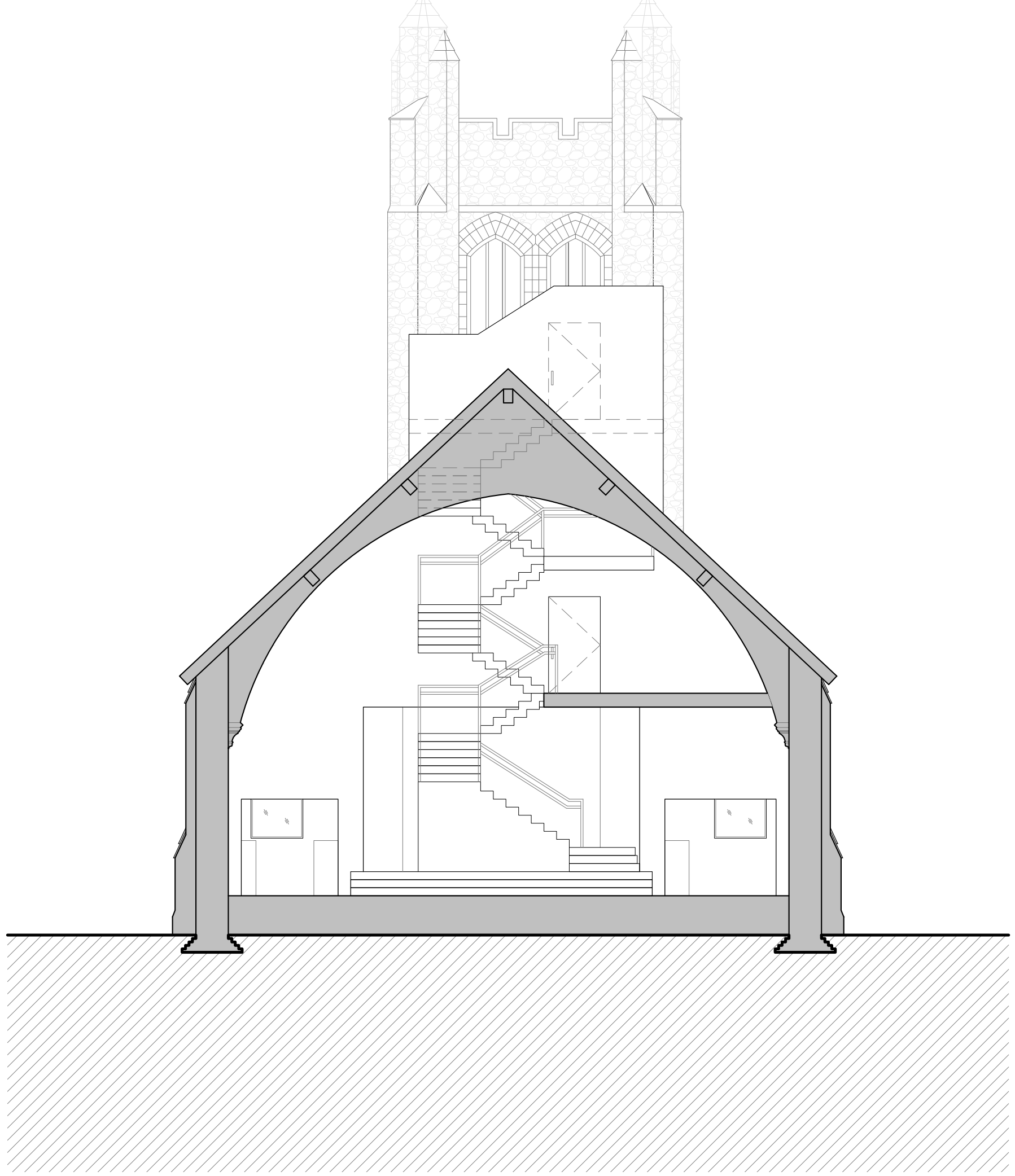
2ND FLOOR



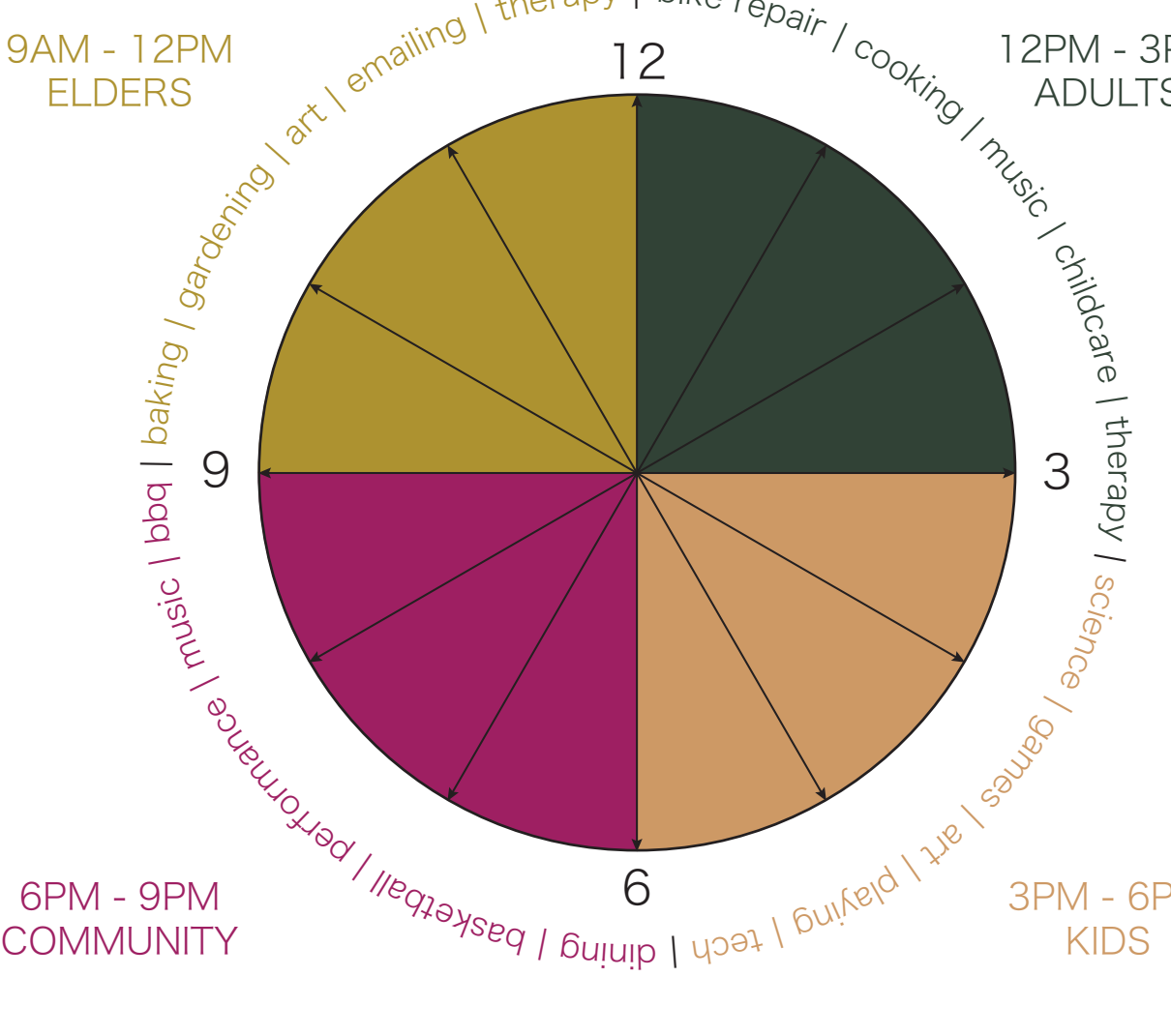
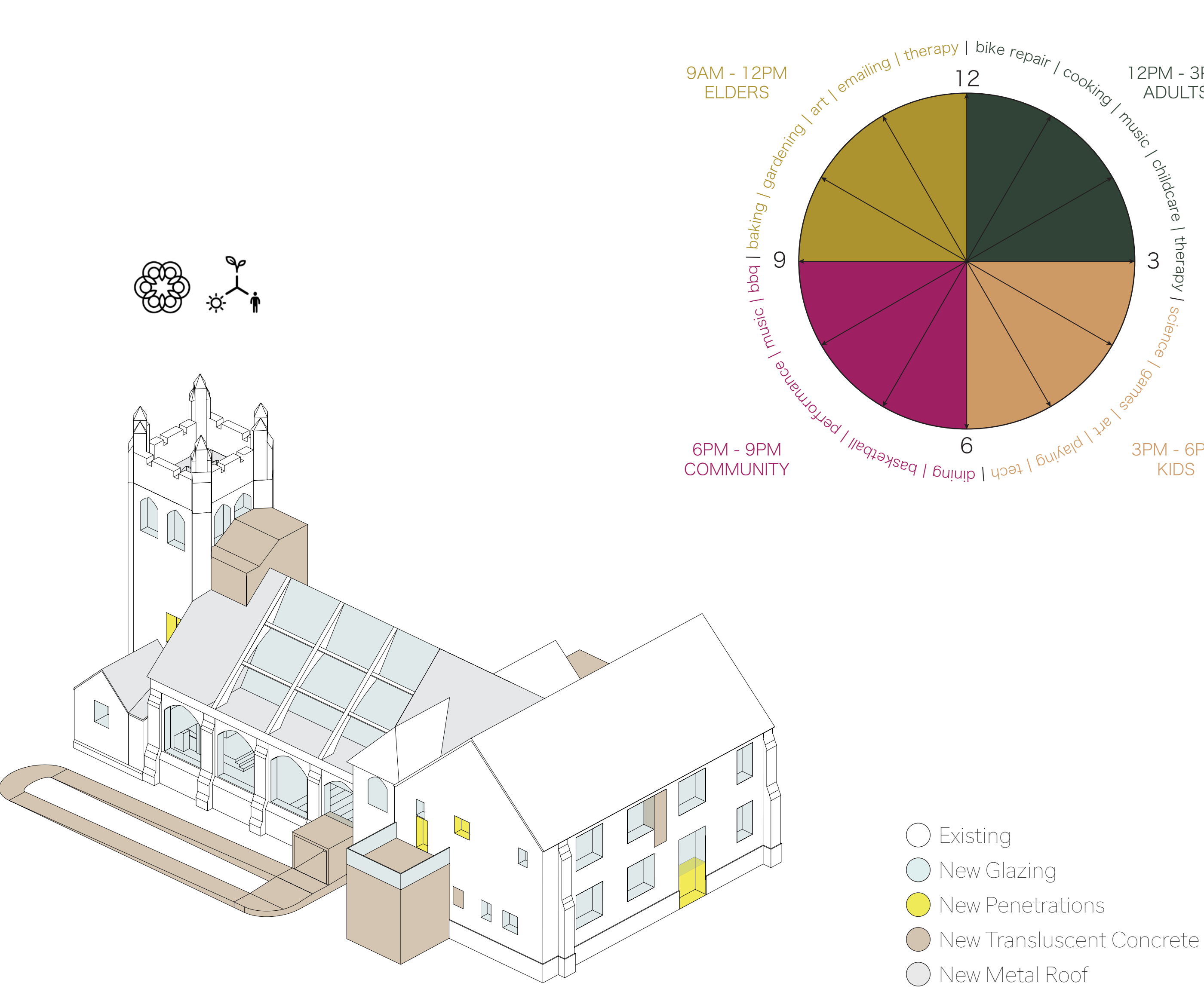
3RD FLOOR



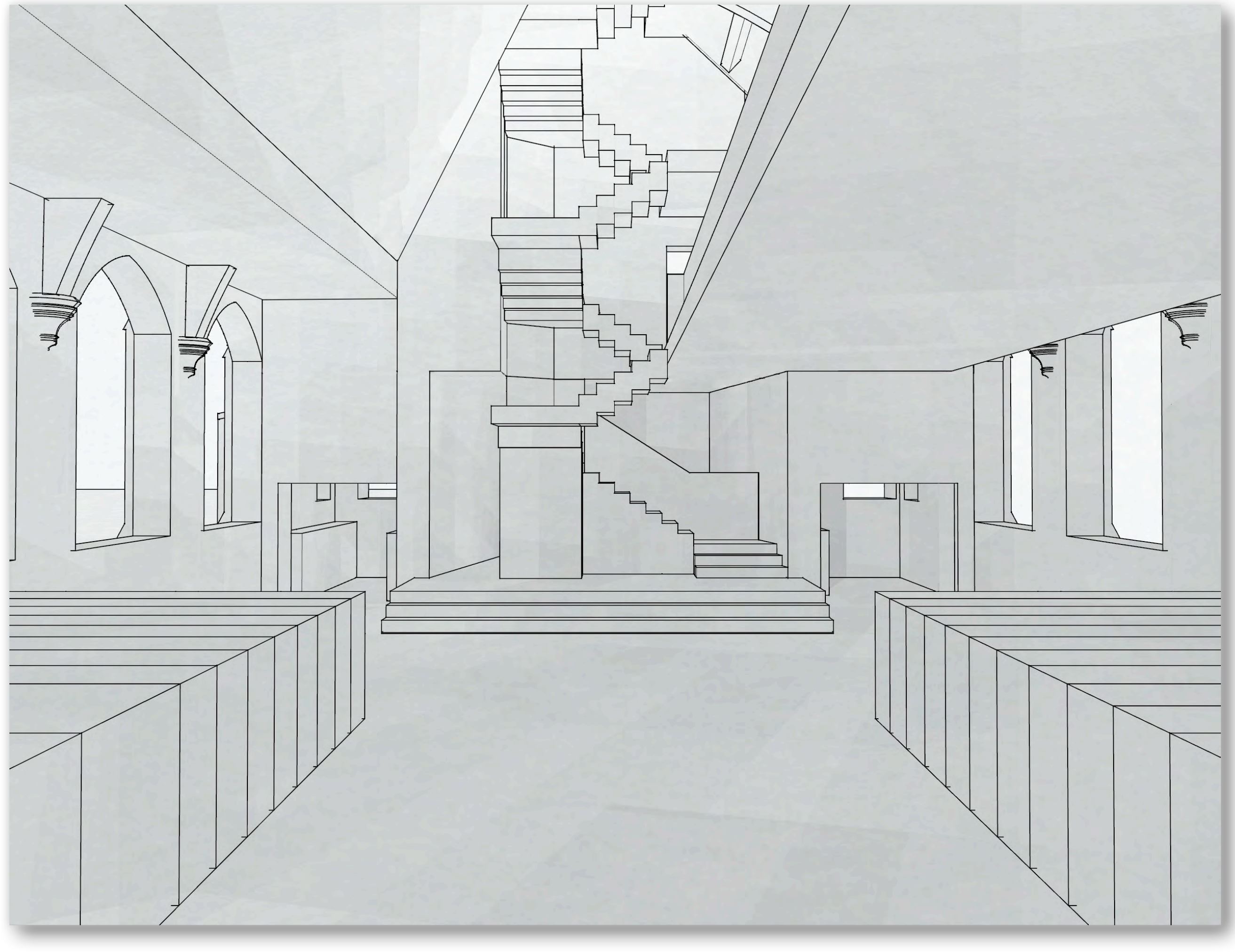
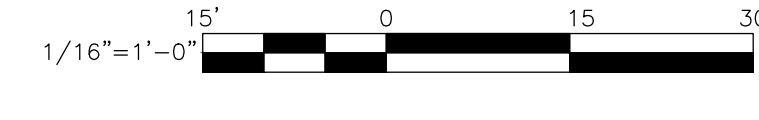
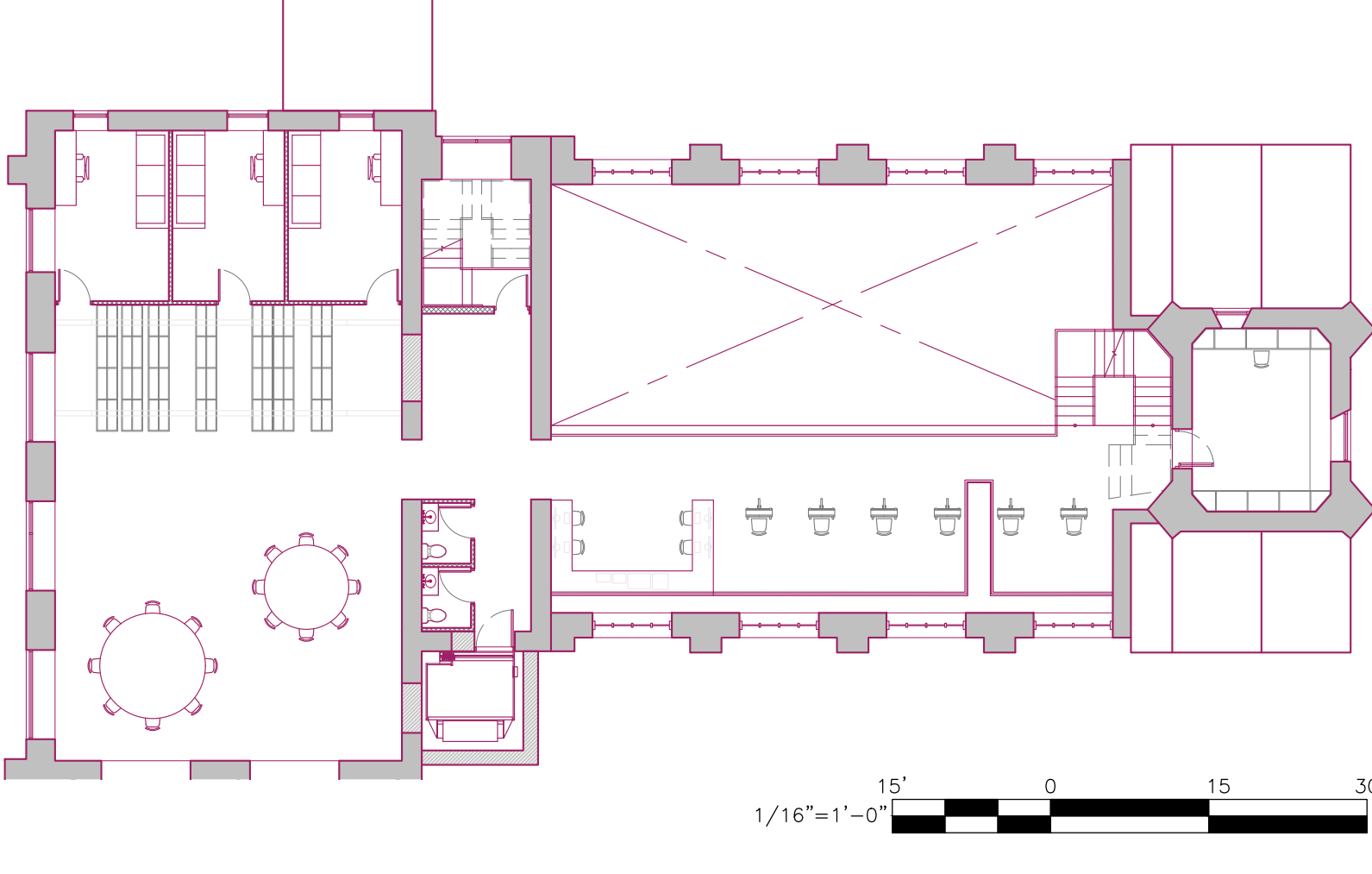
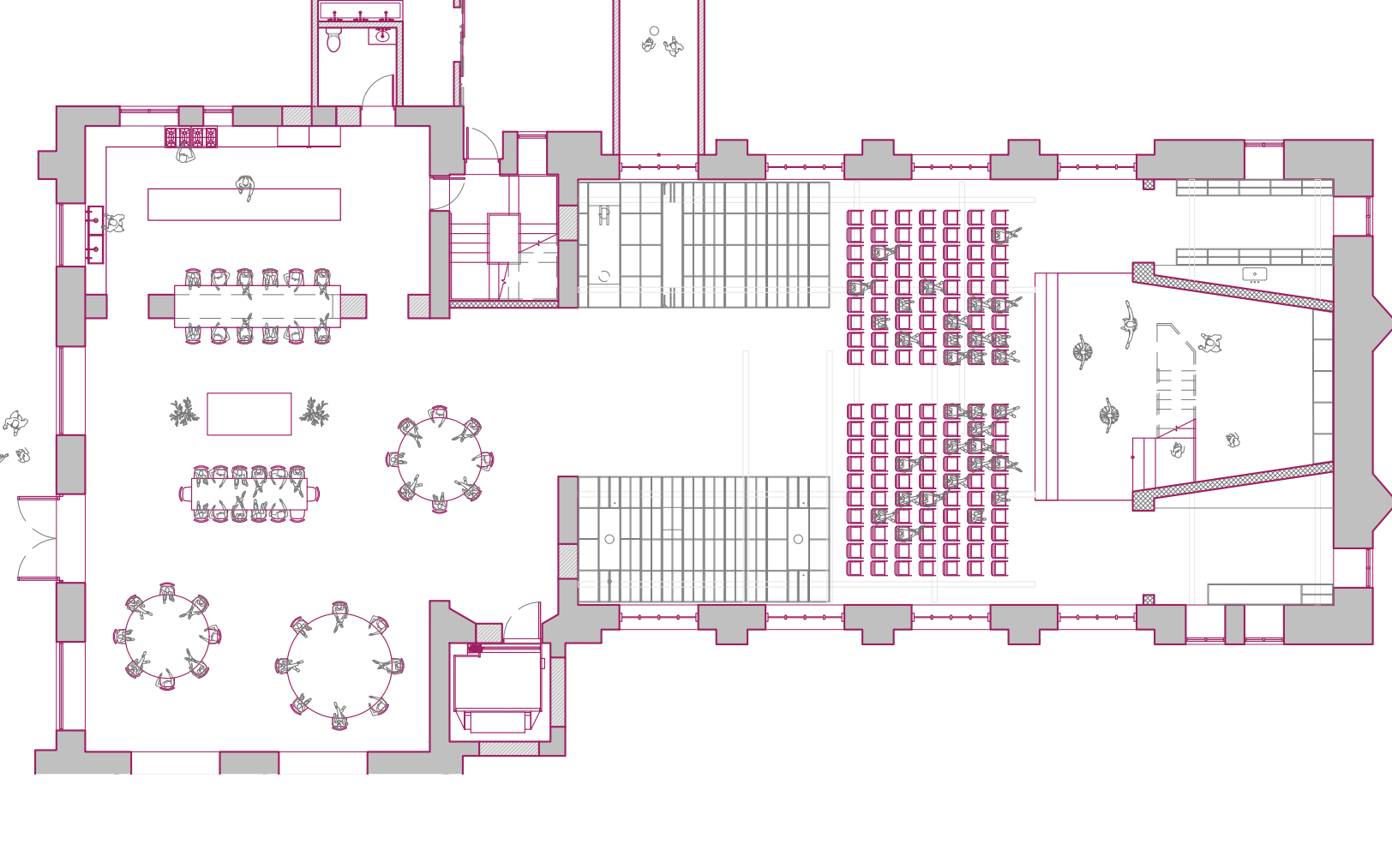
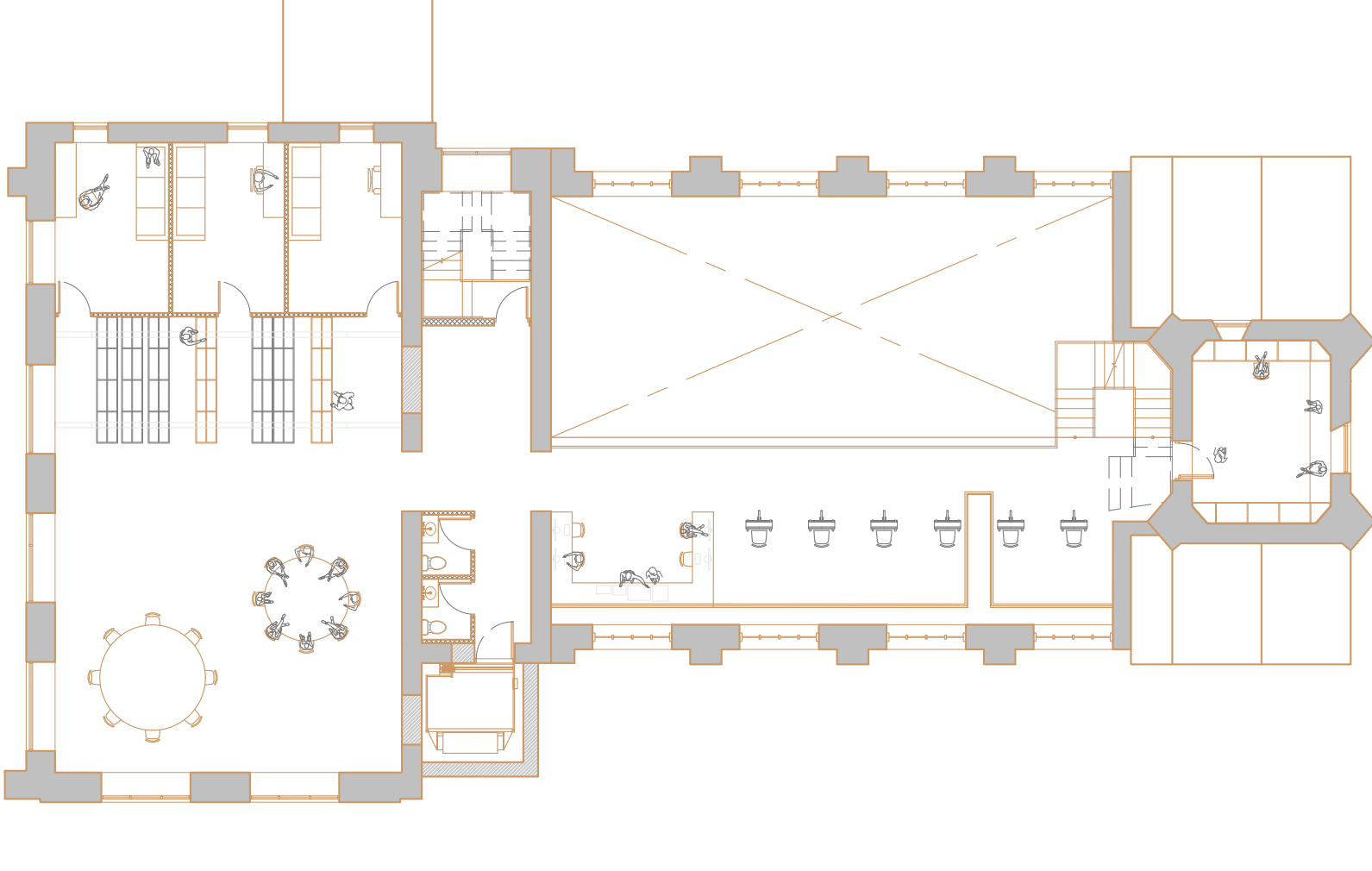
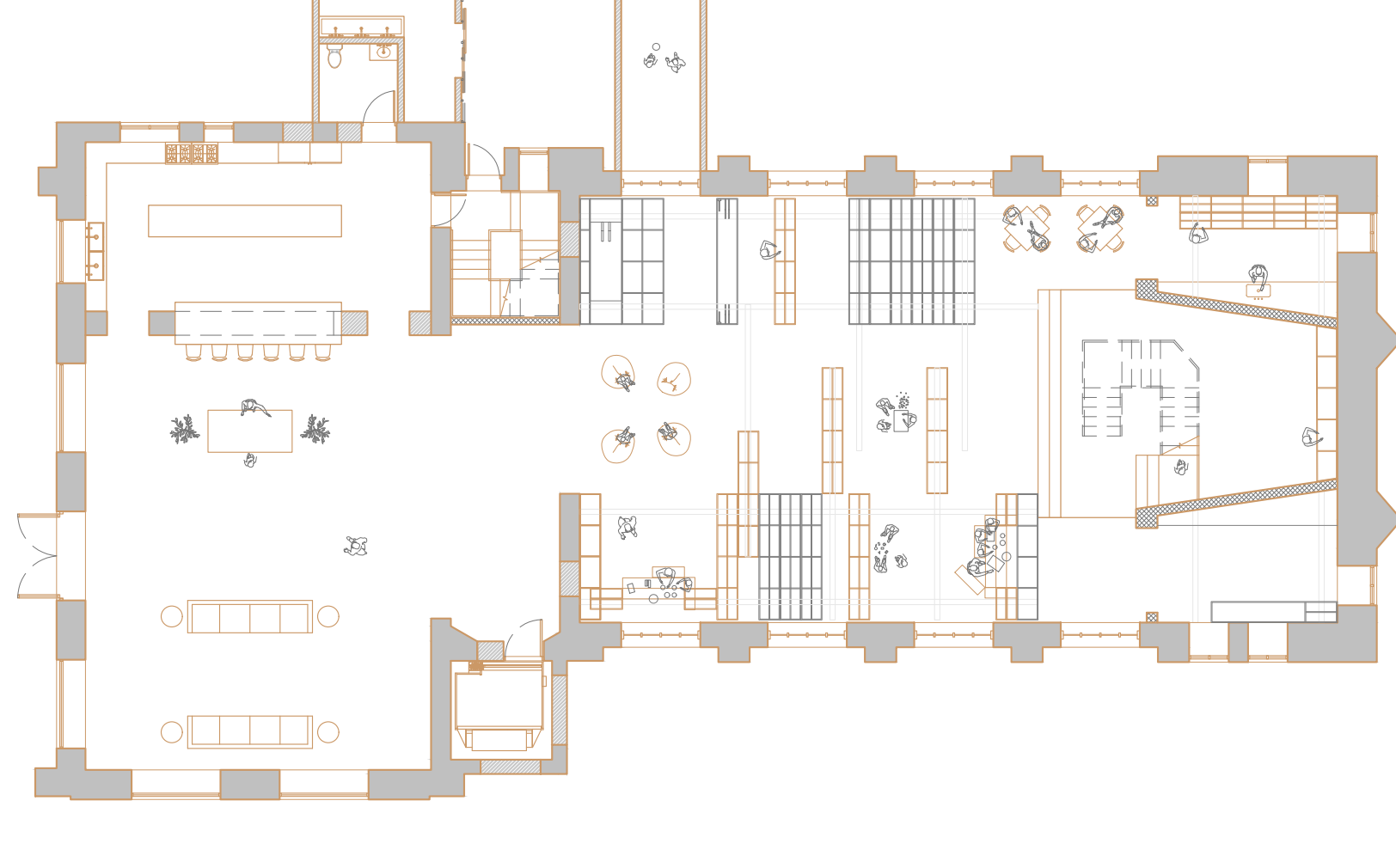
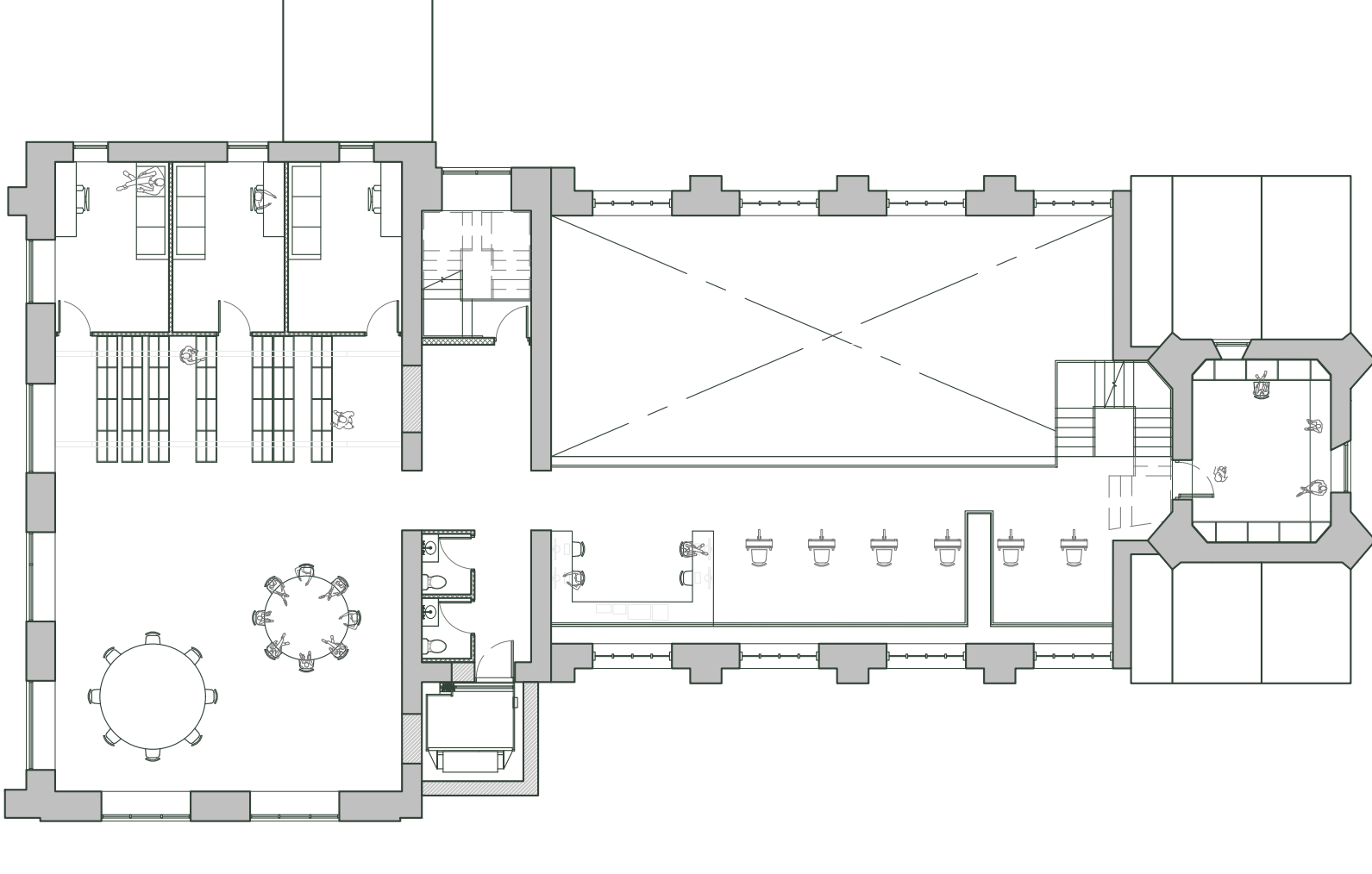
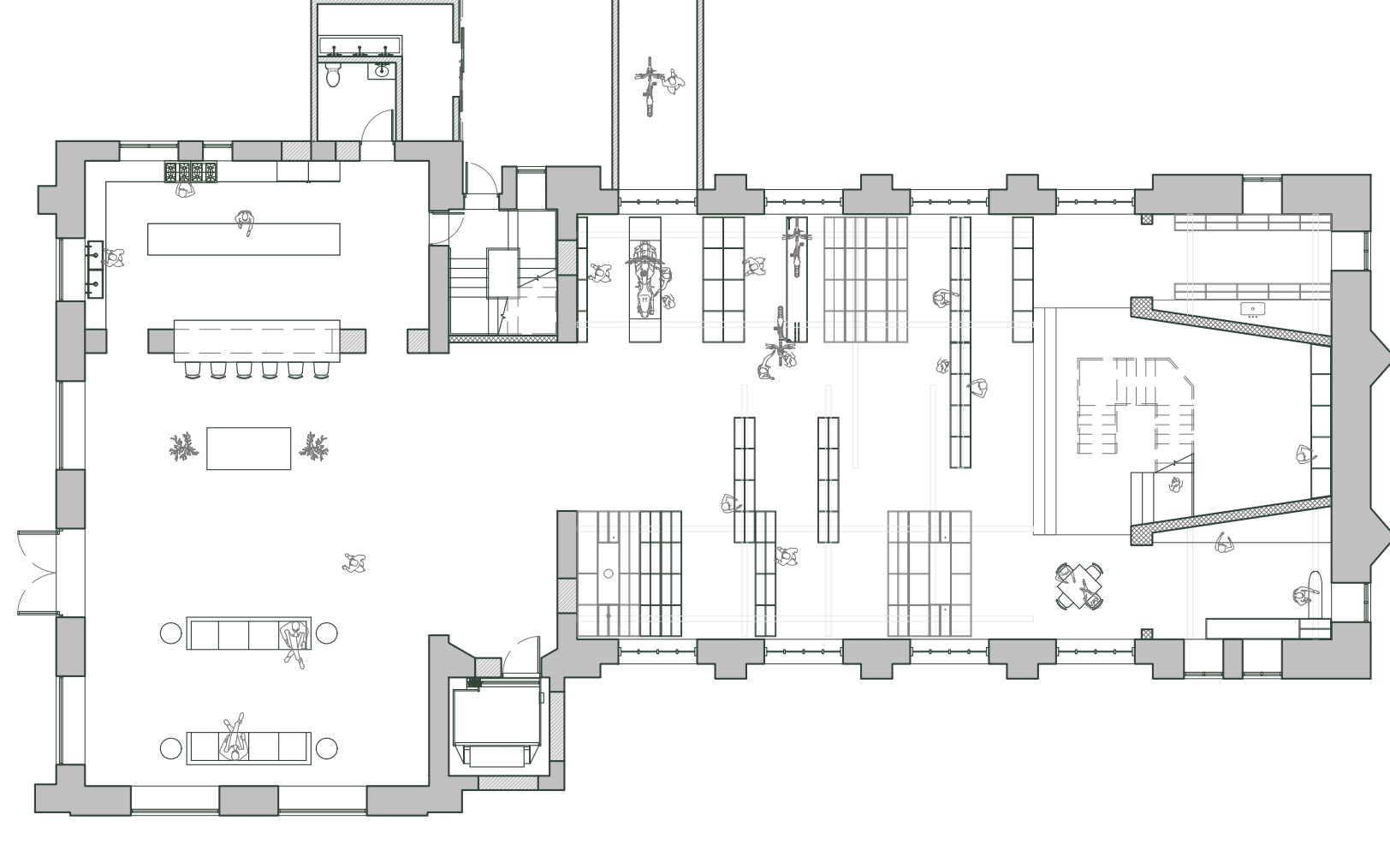
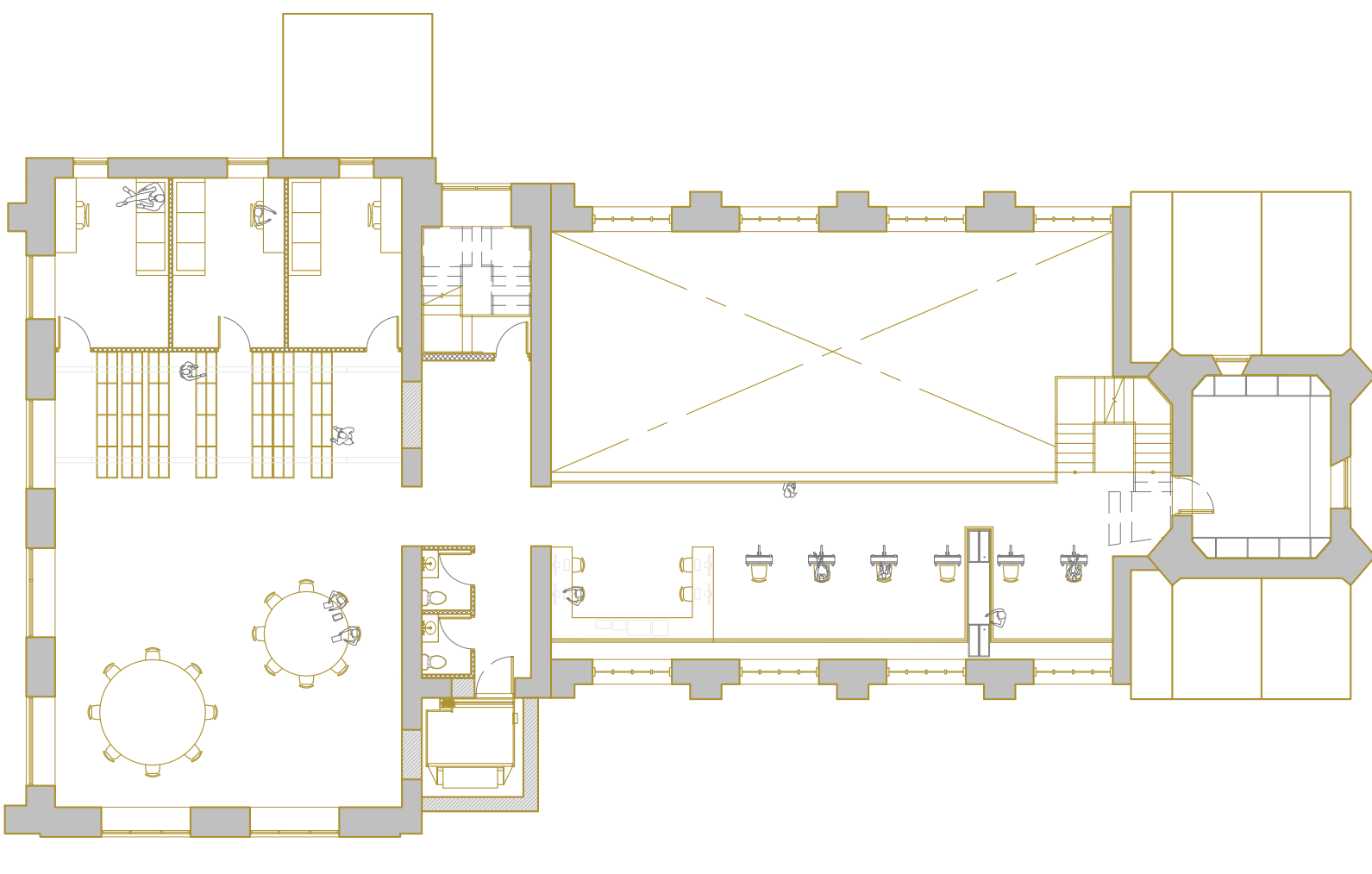
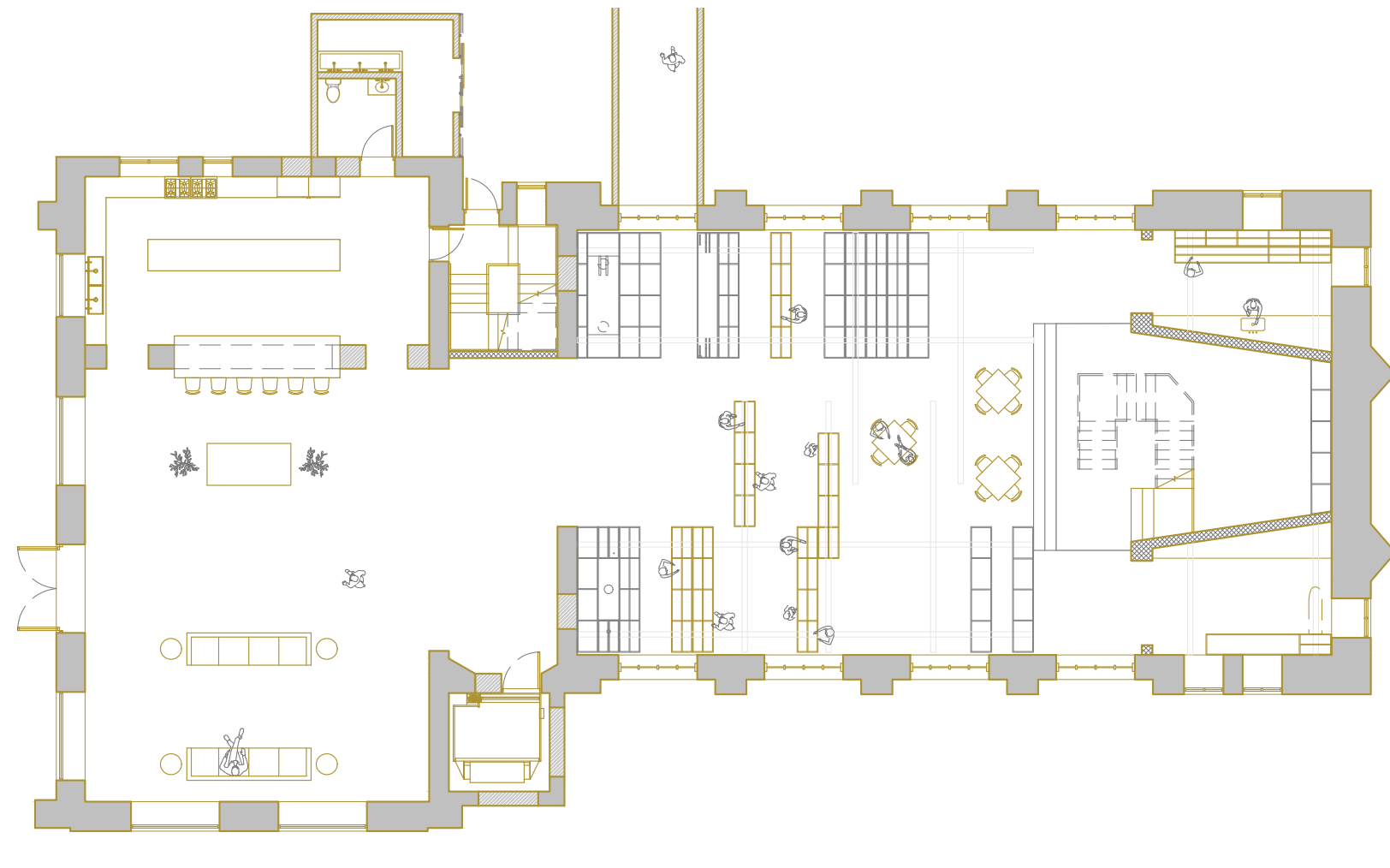
SECTION 01



SECTION 02



- Existing
- New Glazing
- New Penetrations
- New Translucent Concrete
- New Metal Roof





Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

midterm | model

































JEWSHILLIN  
NIGHTSTREET







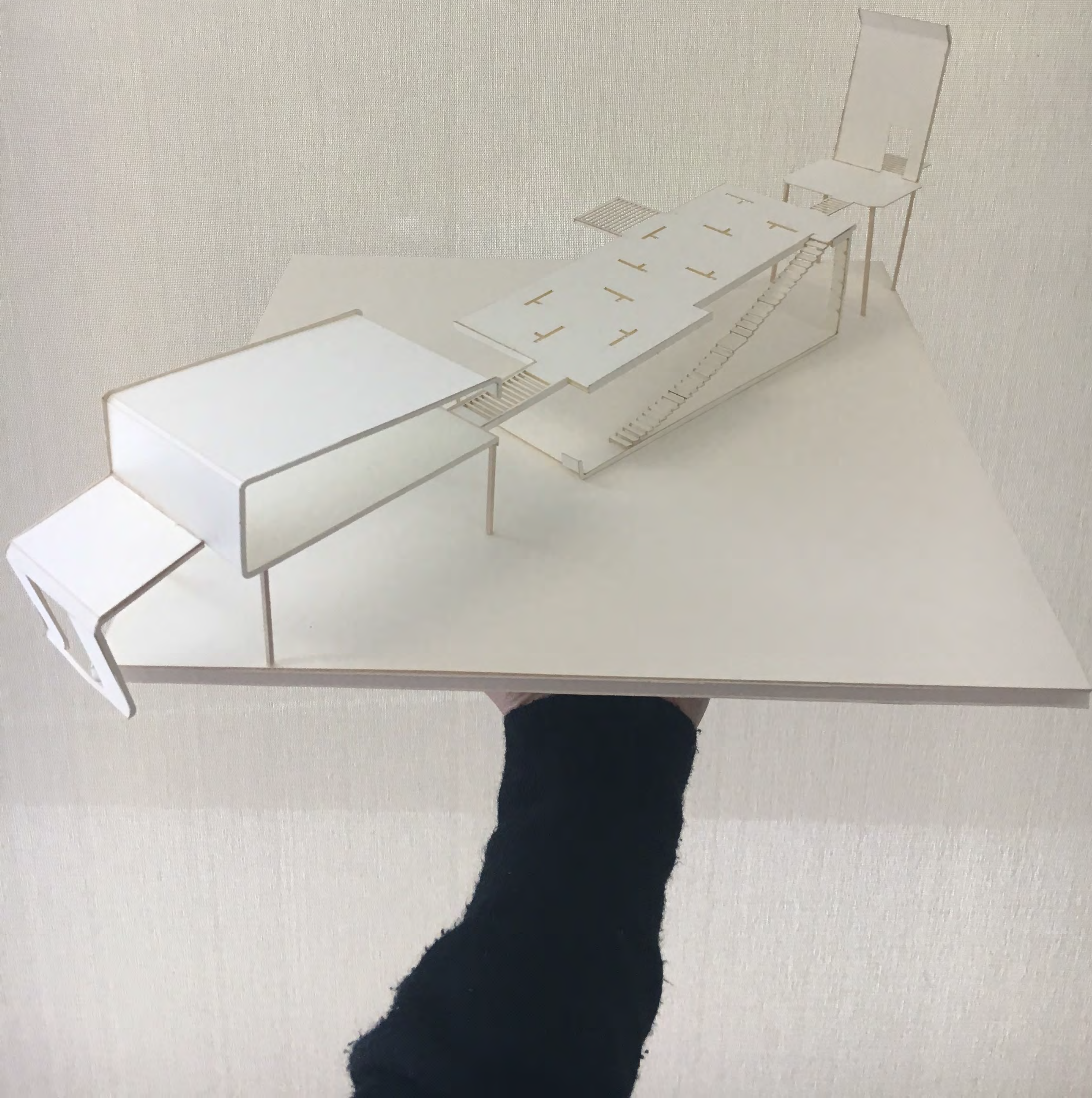




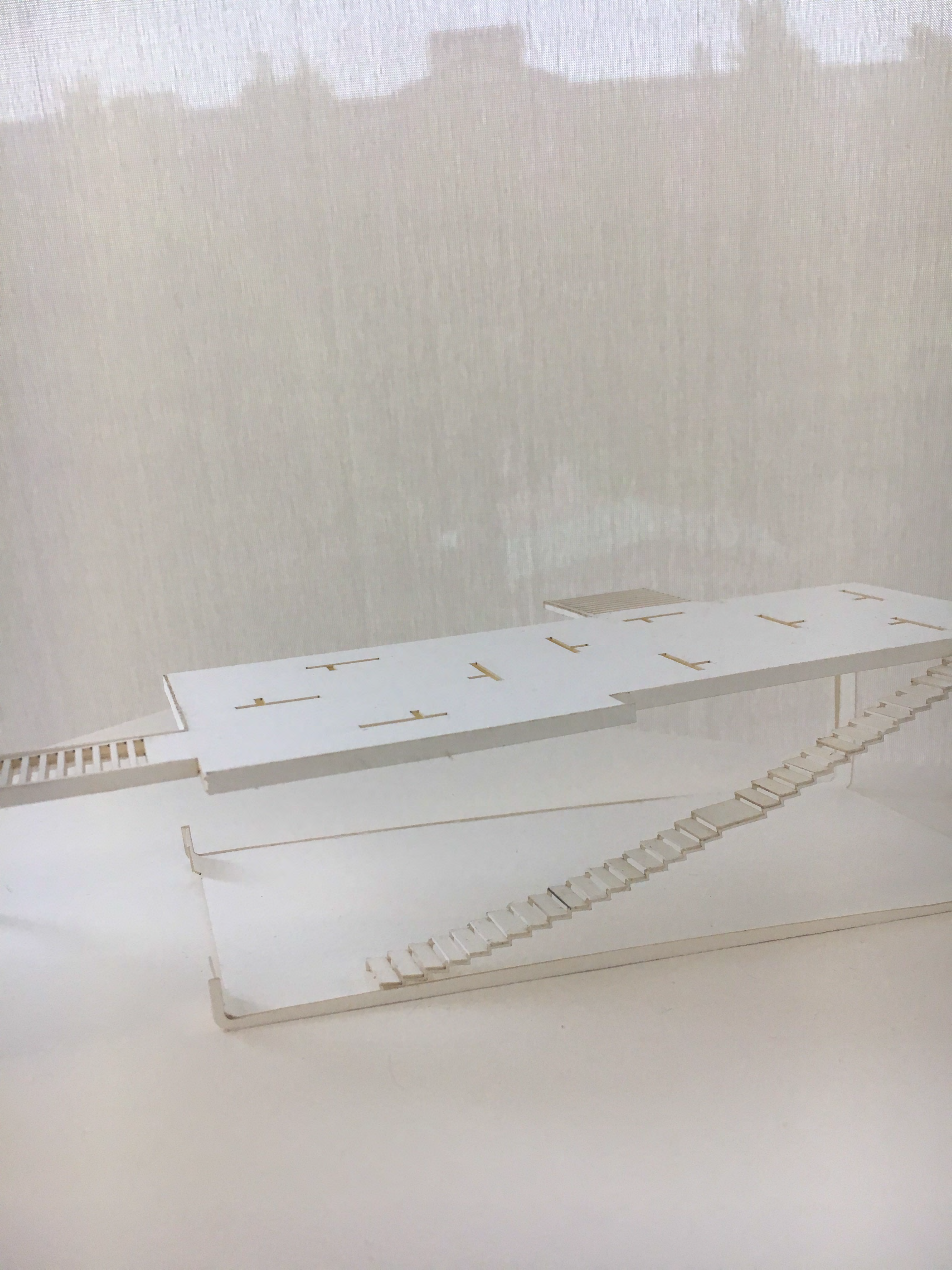
Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

grad show | concept model















Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

**final review** | presentation spreads

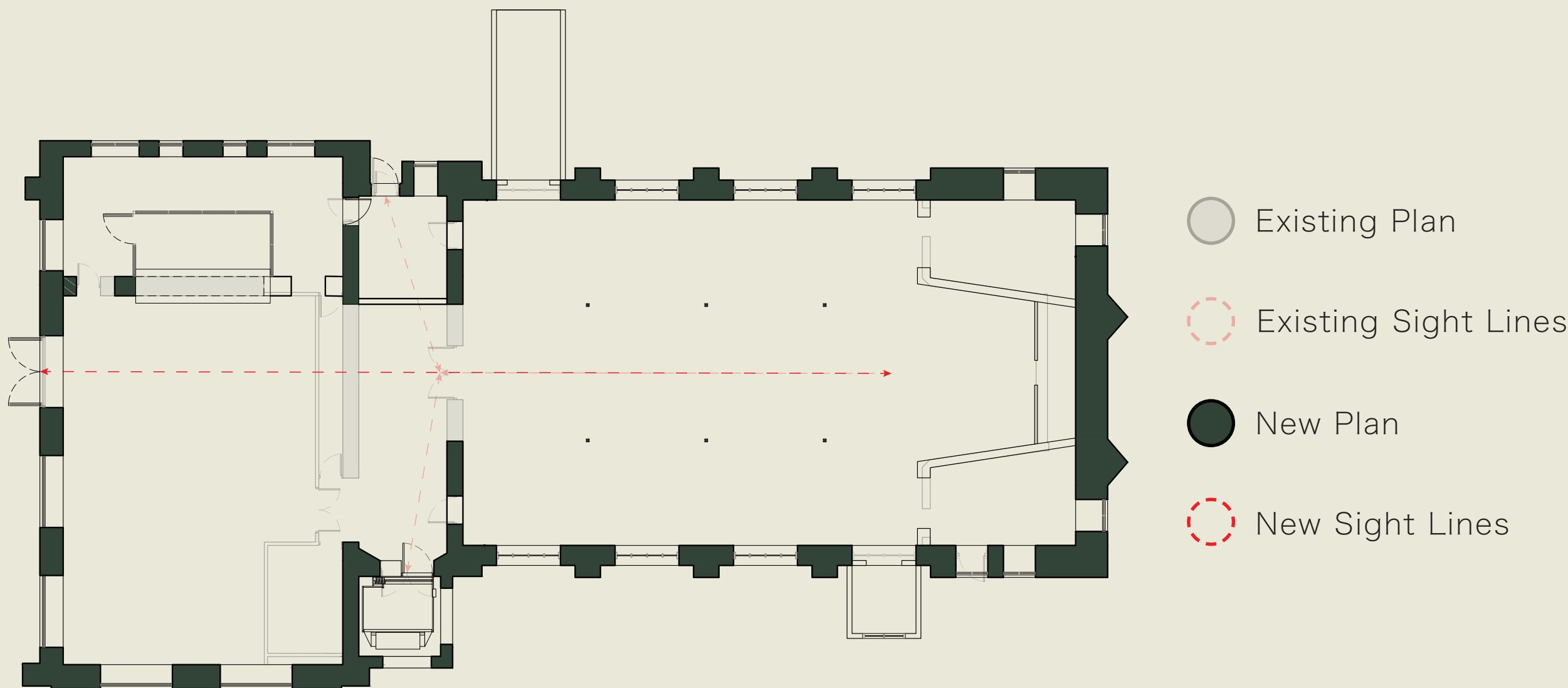
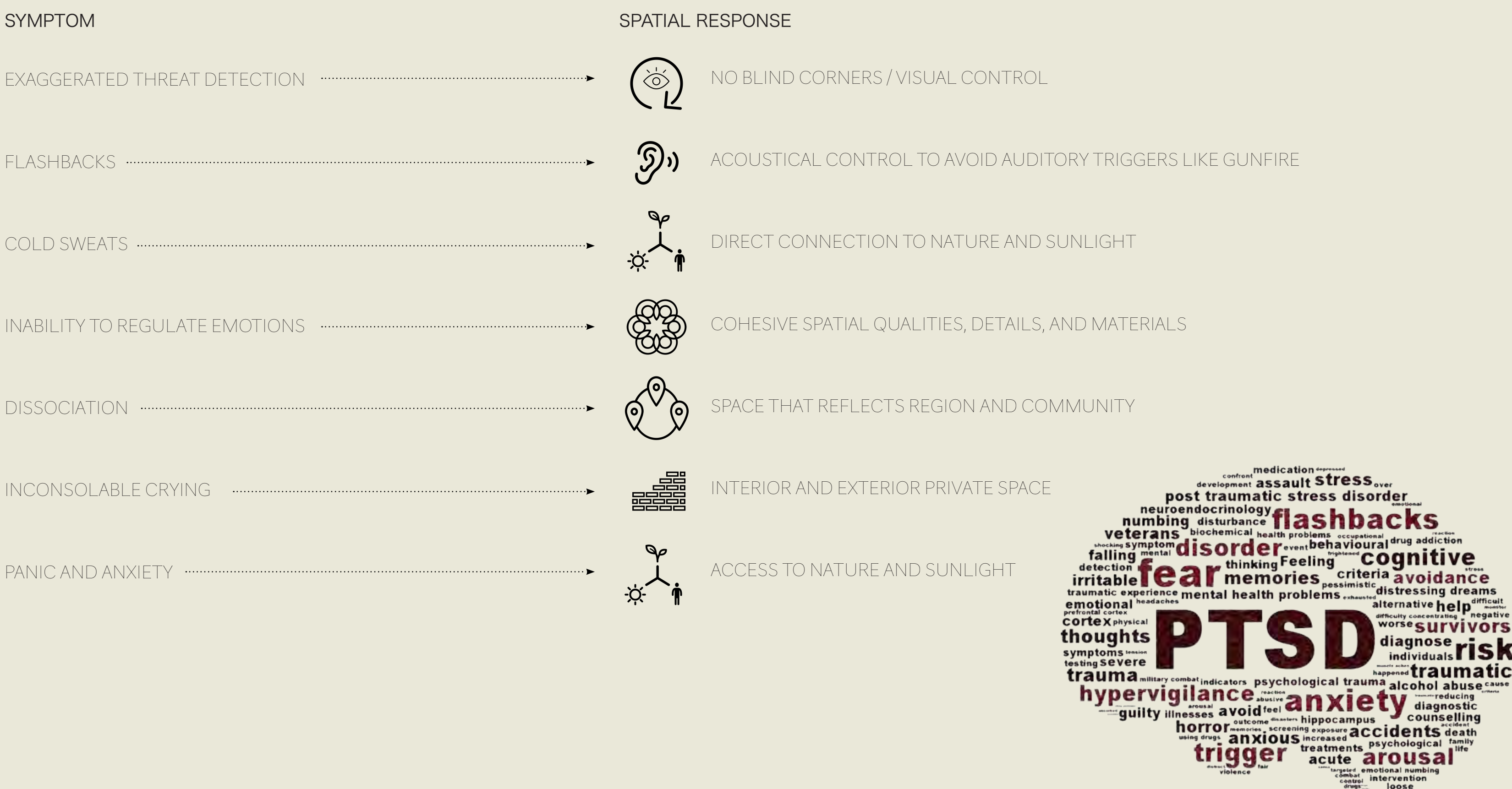


# PERSONAL TRAUMA | COMMUNITY HEALING

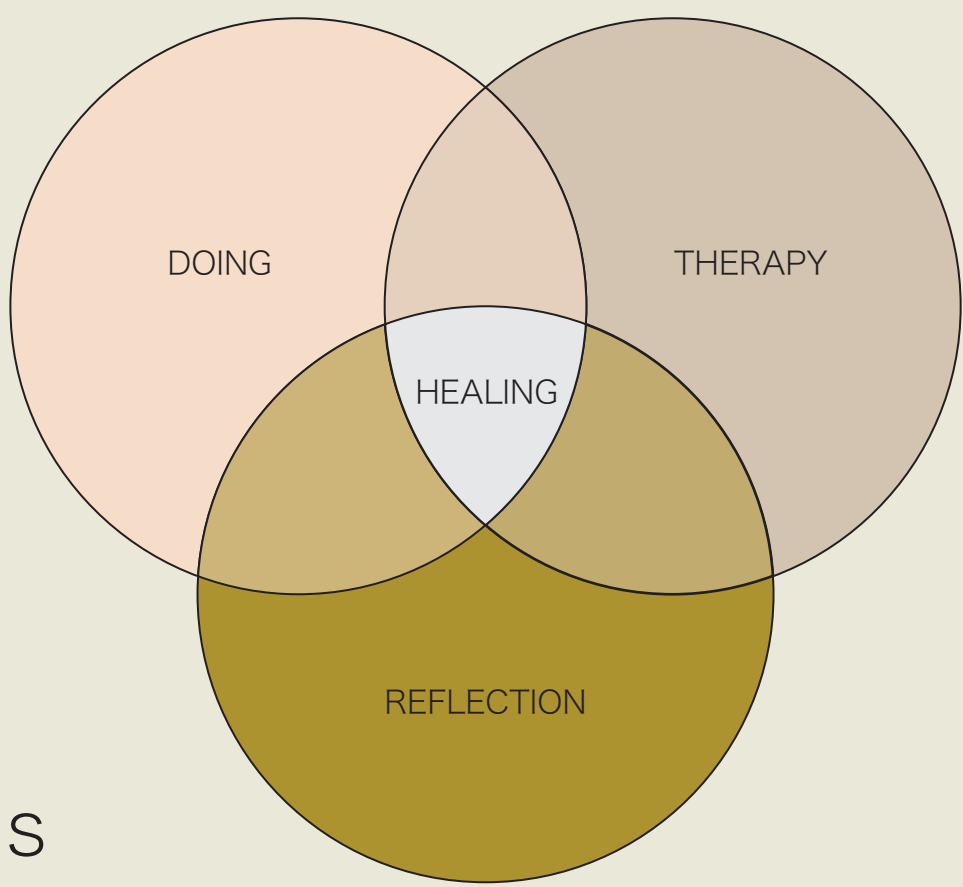
Design Thesis | Spring 2019 | Final Review  
Eva McCarthy



## THE ARCHITECTURAL IMPLICATIONS OF PTSD

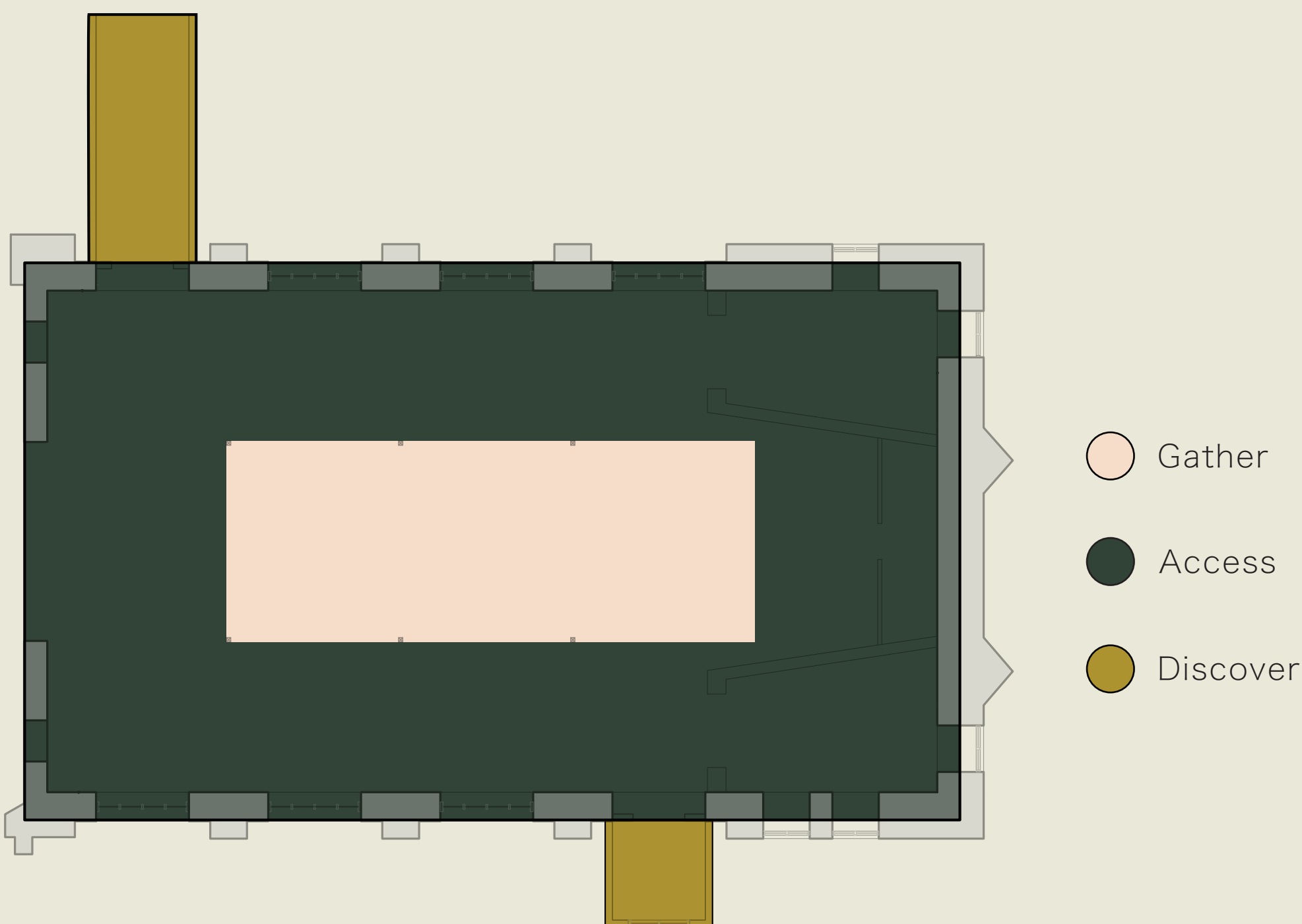


Sight Lines

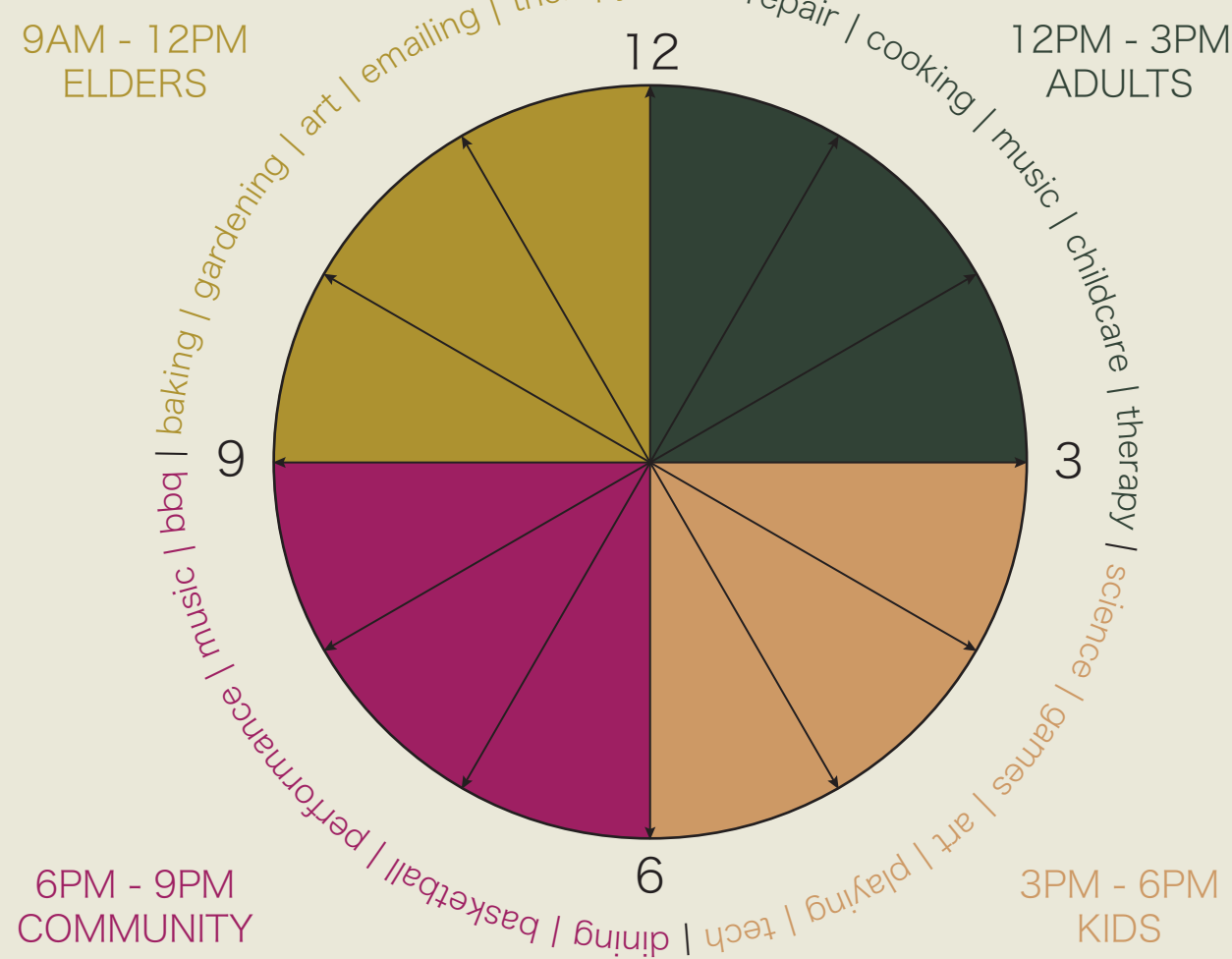


Healing Modes

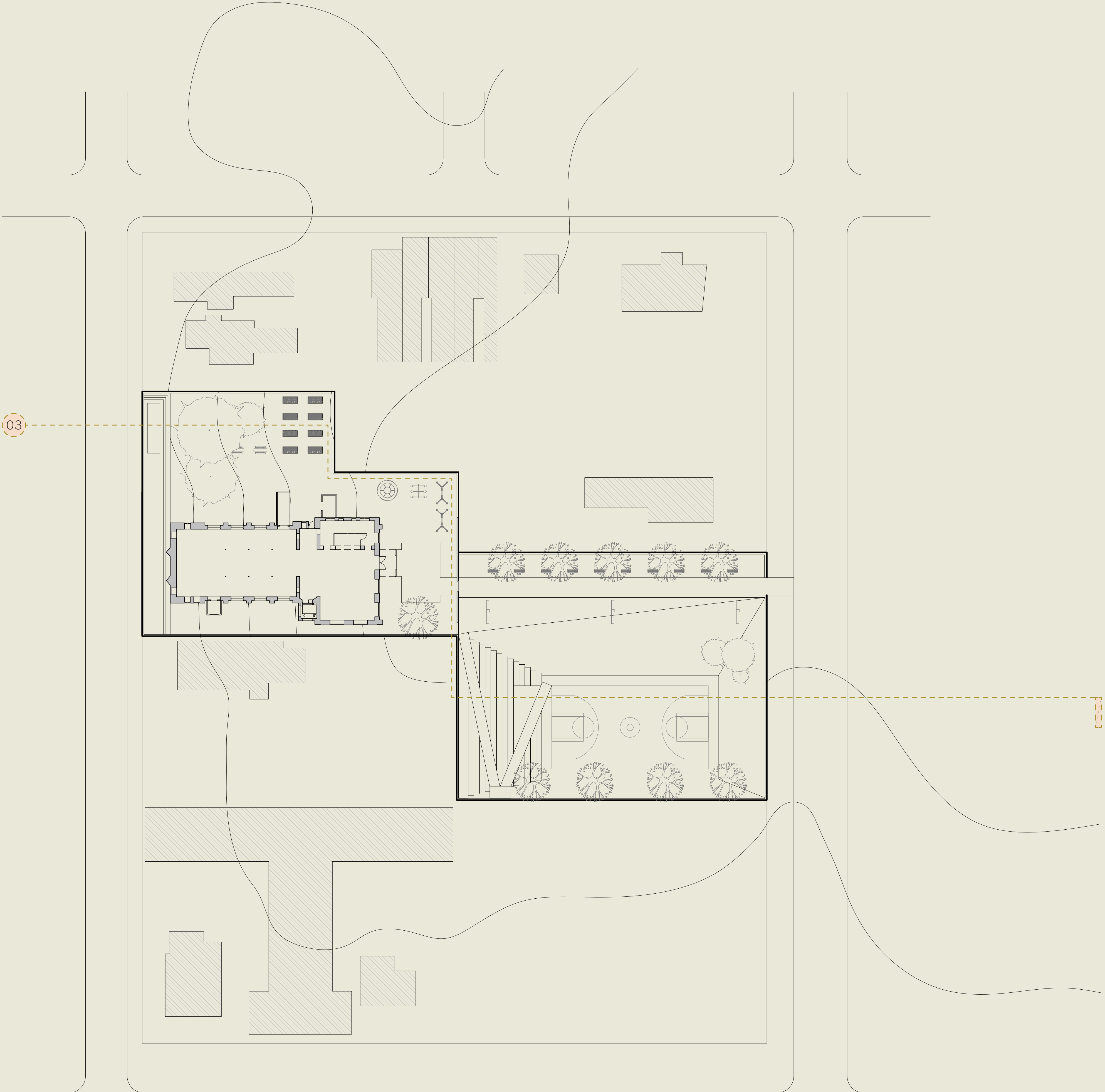
Healing Paths



Architectural Logic



Use Cycle



⊕ SITE PLAN

1/32"=1'-0" 0 25 50



- (A) New Tower Roof
- (B) New Glass Dormer (Reflection Room)
- (C) New Lead Roof
- (D) Existing Roof Structure
- (E) Second Floor Tower (Music Room)
- (F) Second Floor
- (G) Reflection Room Bridge Intervention
- (H) Therapy Room Ribbon Intervention
- (I) Second Floor Tower Ribbon Intervention (Music Room)
- (J) Second Floor Tower Bridge Intervention (Terrace)
- (K) The Central Intervention
- (L) Garden Shed Extrusion Intervention
- (M) Motorcycle Room Extrusion Intervention
- (N) First Floor
- (O) First Floor Tower (Stage)
- (P) Science Room Extrusion Intervention



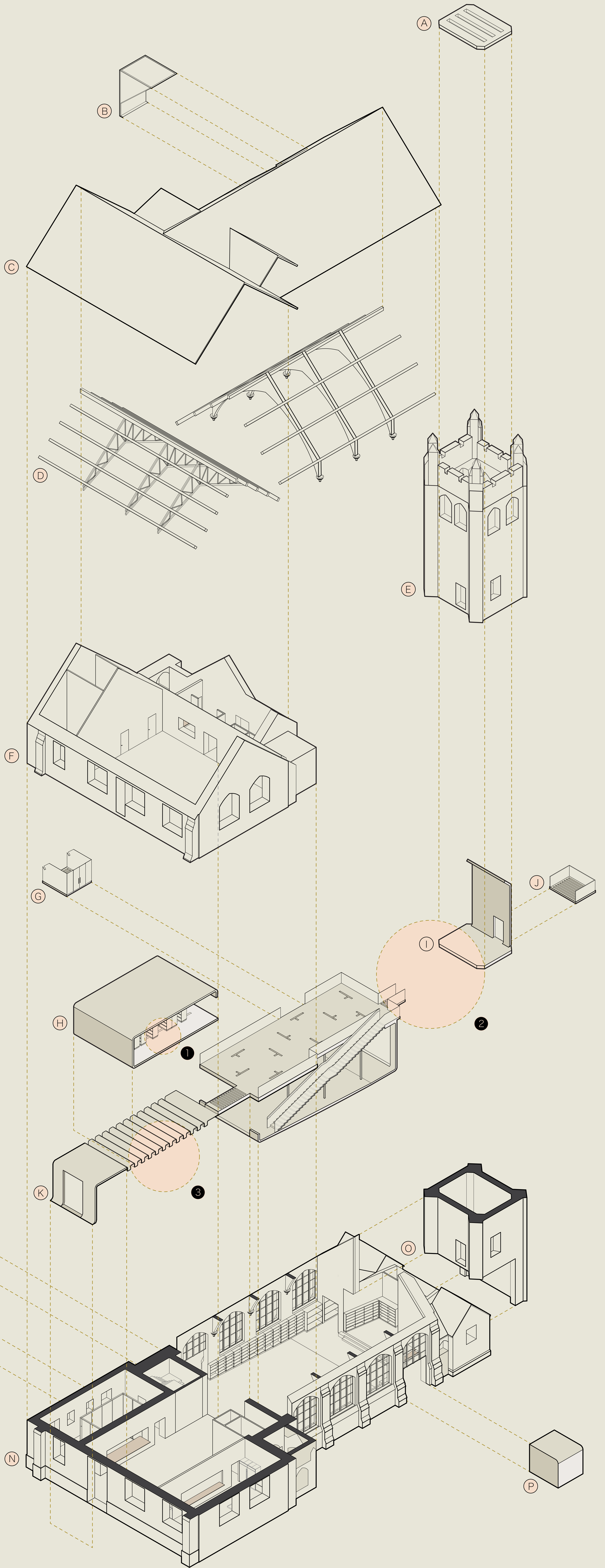
1



2

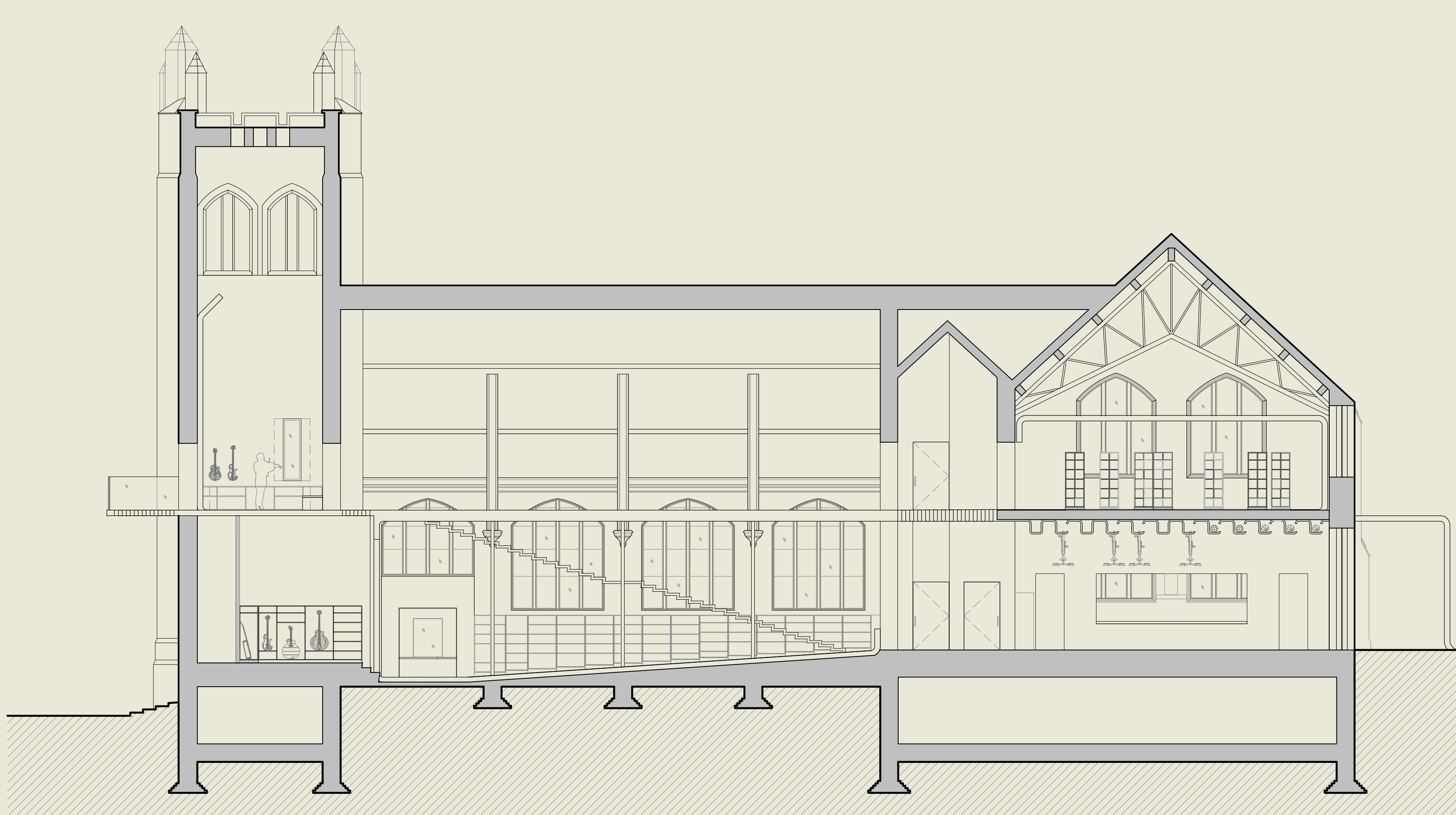


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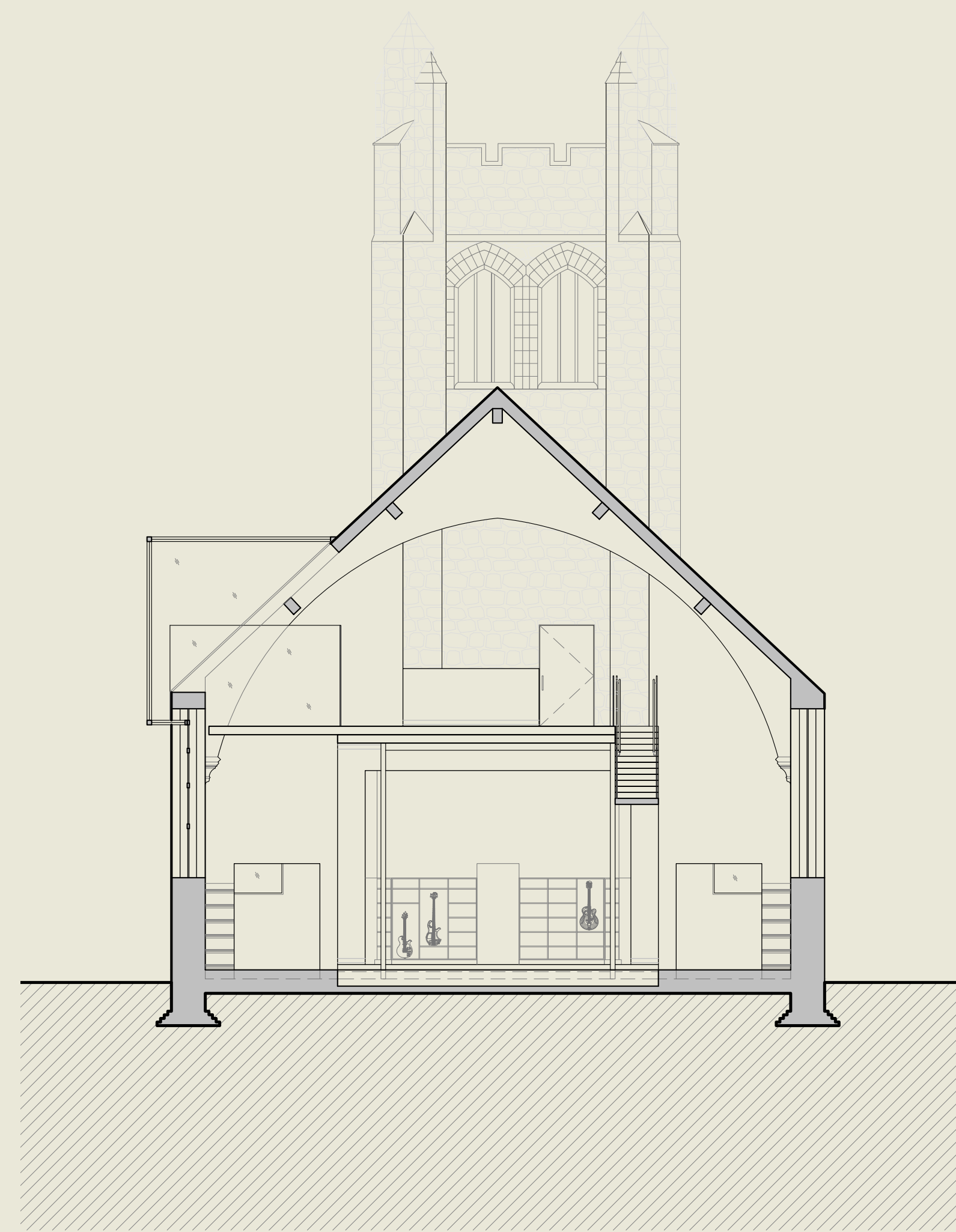




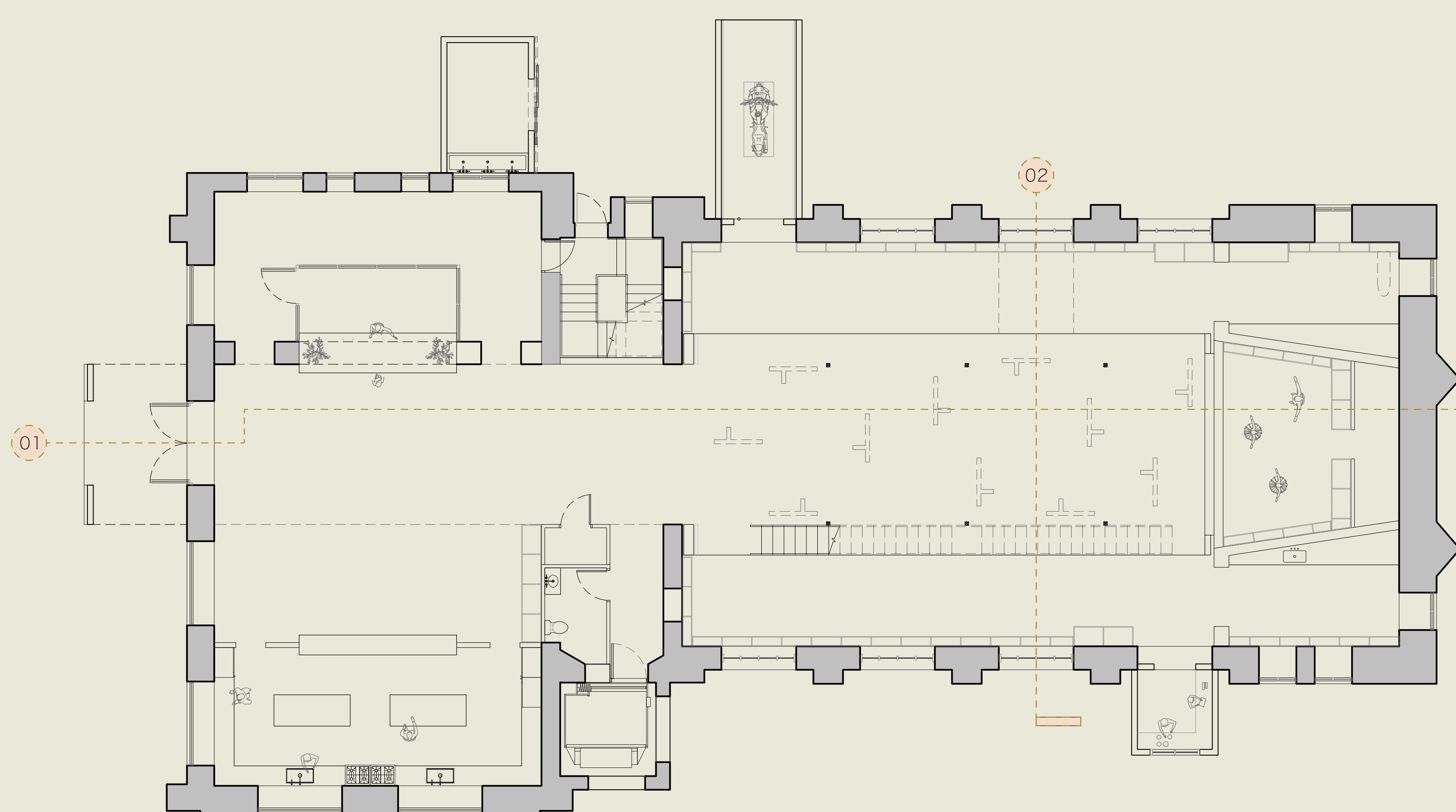
SHELVING OF EVERYTHING



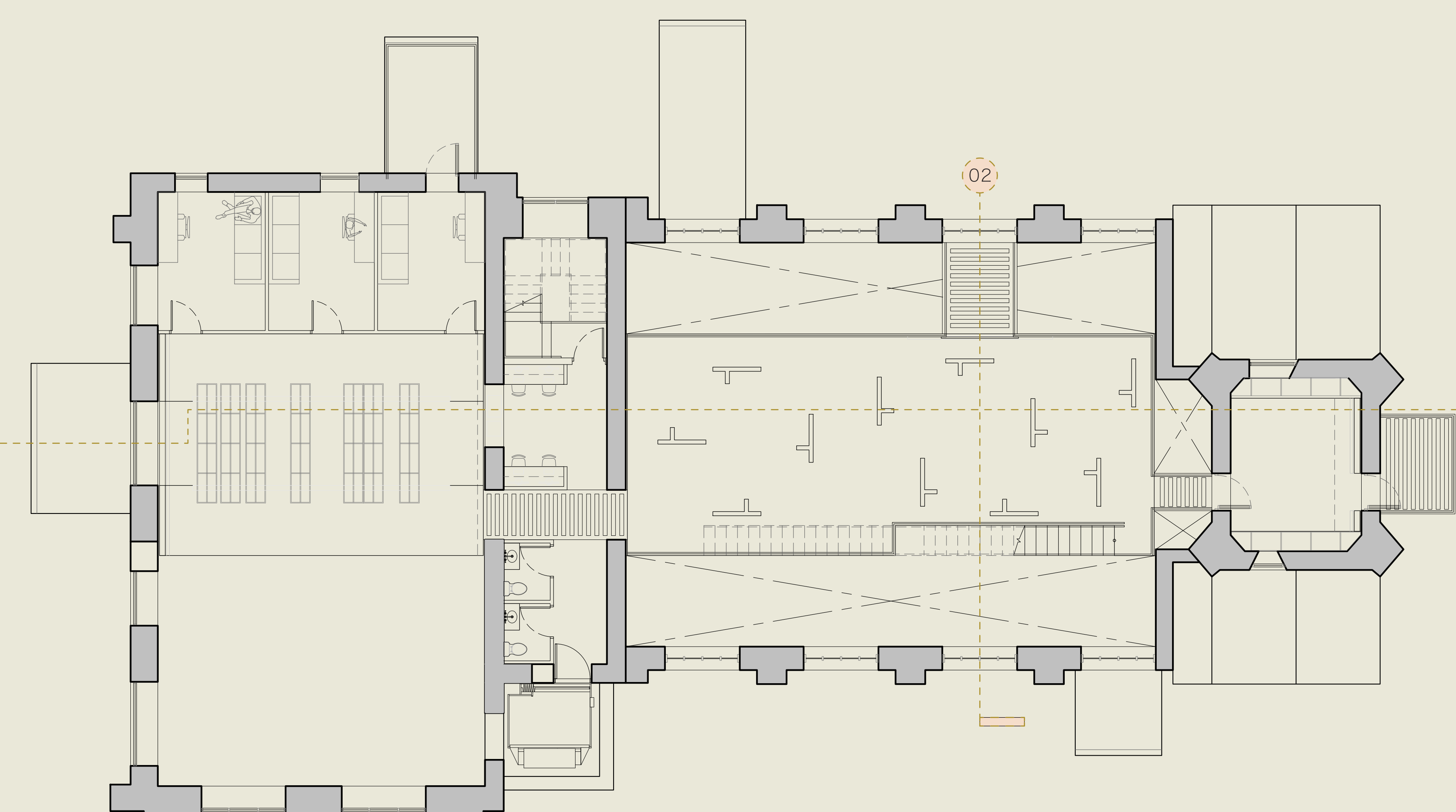
SECTION 01



SECTION 02



1ST FLOOR PLAN



2ND FLOOR PLAN





SECTION 03





Personal Trauma, Community Healing:  
Reimagining sanctuary for survivors of gun violence

final review | model











