

Belmont Public Library

Library Building Committee Meeting #9
June 13, 2023



Agenda

1. Welcome Public
2. Approve 5/9/2023 Meeting Minutes
3. Invoices
4. Updates
 - a. Contracts
 - b. Schedule
 - c. Construction Site
5. Design Update
 - a. Landscape Plan
 - b. Plan Refinements
 - c. Materials and Finishes
6. Public Comment
7. Adjourn

We are here

DESIGN MOBILIZATION

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb

Design Development
6 months

- Geotech. 5/3 - Complete Geotech Report
- 3/10 - Issue 30% DD Set
- Cost Update - CHA only
- Cost Update Complete
- 4/25 - Public Forum

- 6/30 - Issue 100% DD Pricing Set
- Cost Estimate #2 - CHA & Design Team
- Estimate Review / Reconciliation

Construction Documents
5.5 months

Town Approvals - 4 Months

Prepare DSPR & Conservation Commission Submissions

Preliminary Meeting with Town Agencies & Stakeholders

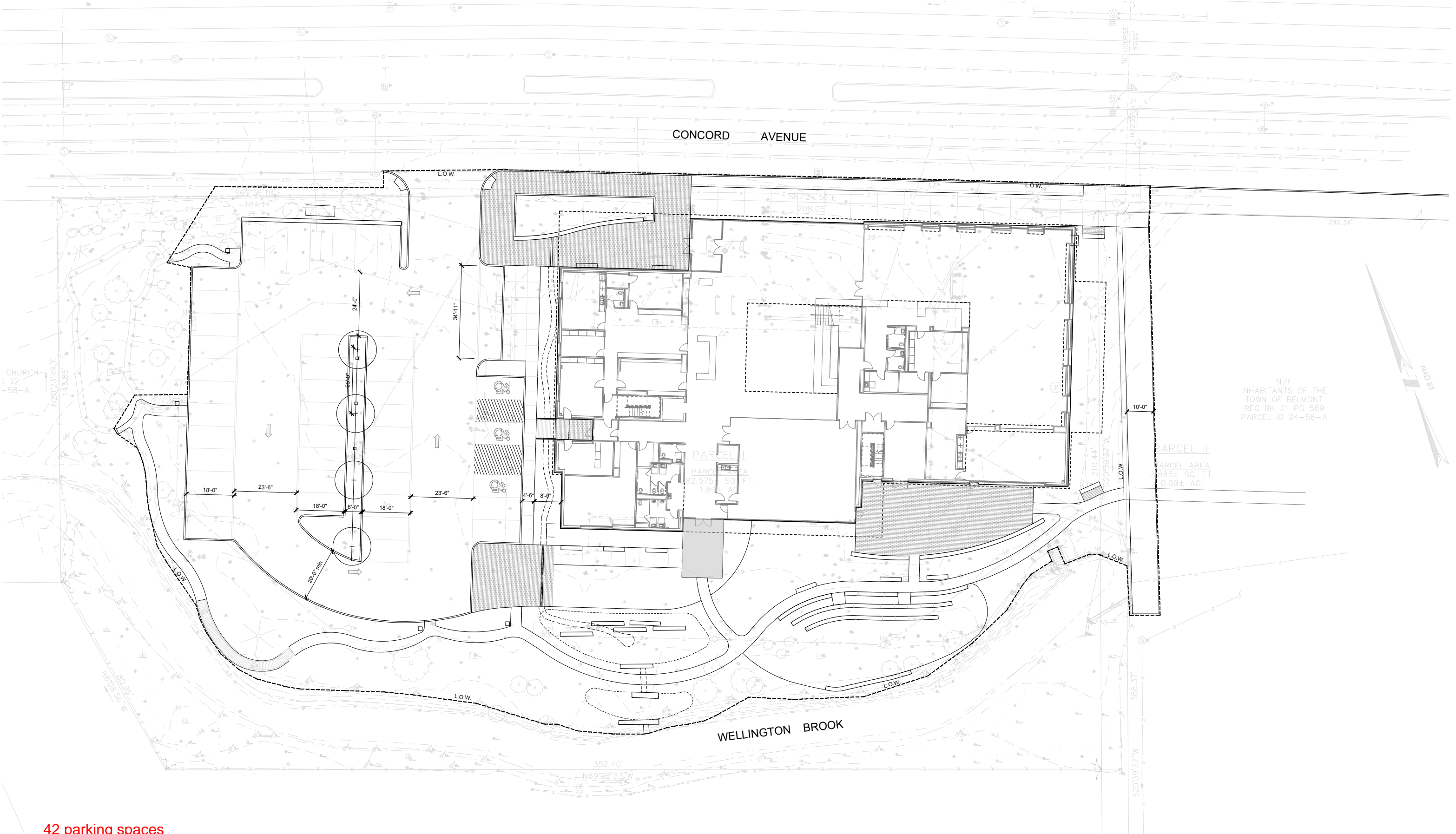
DSPR Process

- 7/24 DSPR Application Submission
- 9/5 Planning Board Meeting #1
- 10/3 Planning Board Meeting #2
- 10/17 Planning Board Meeting #3 & Approval
- 11/6 Decision Filed with Town Clerk

Conservation Commission Process

- 7/31 Conservation Commission NOI
- 8/29 ConComm Meeting #1
- 9/26 ConComm Meeting #2
- 10/24 ConComm Meeting #3 & Approval

HOLIDAYS

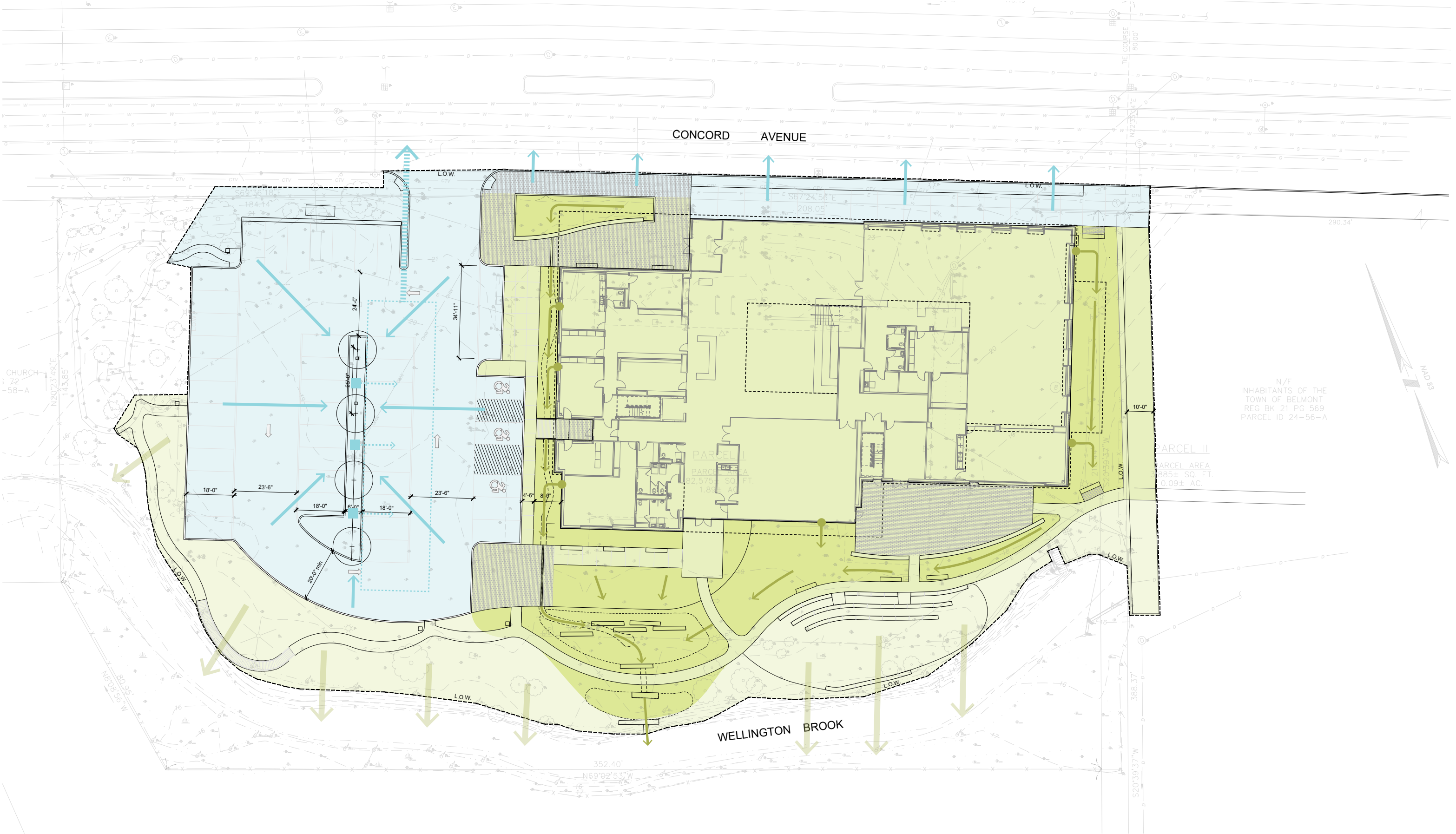


42 parking spaces

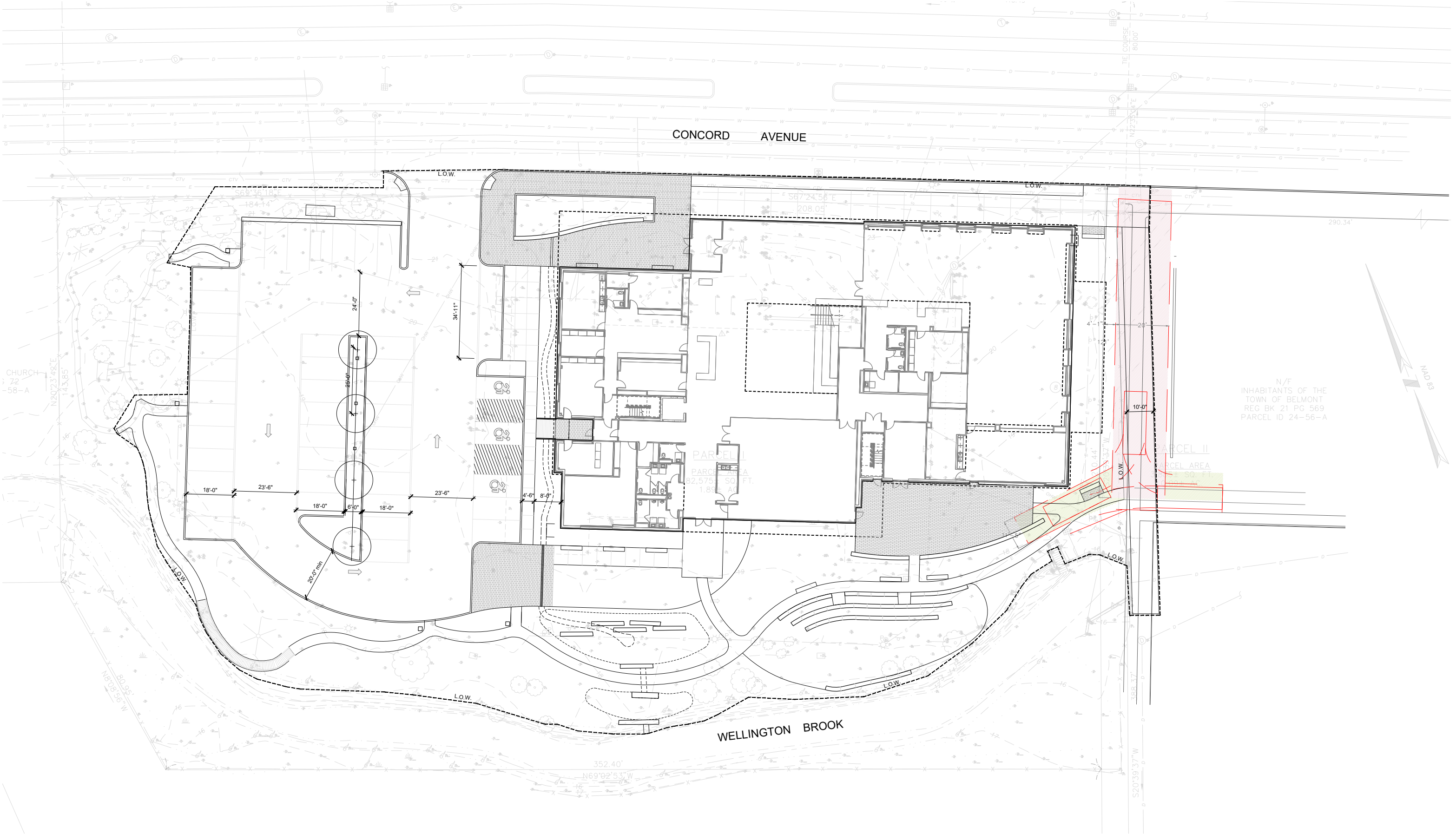
SITE PLAN CHANGES

BELMONT LIBRARY Belmont, MA
 Schematic Design • 06 13 2023



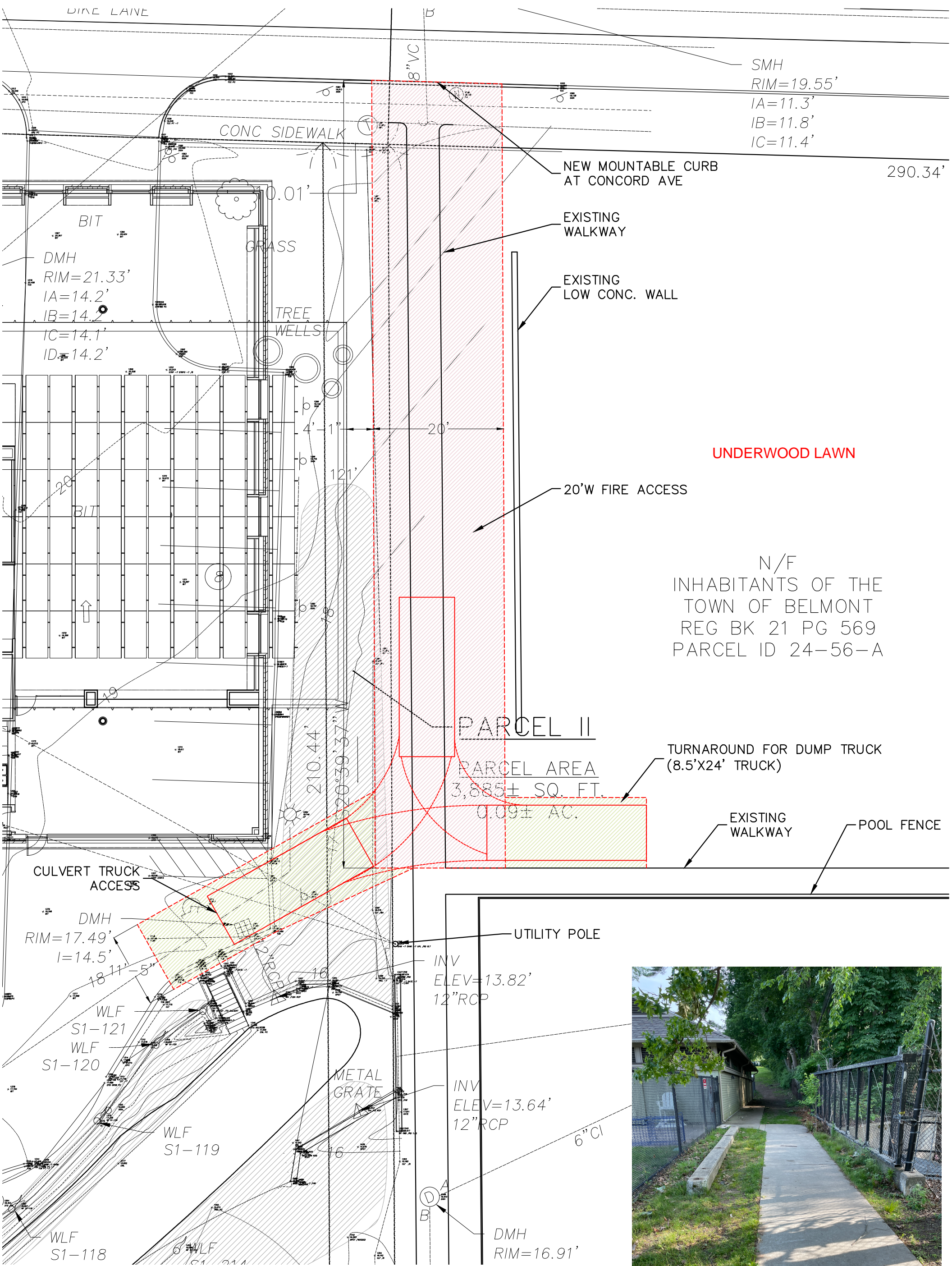


STORMWATER STRATEGY

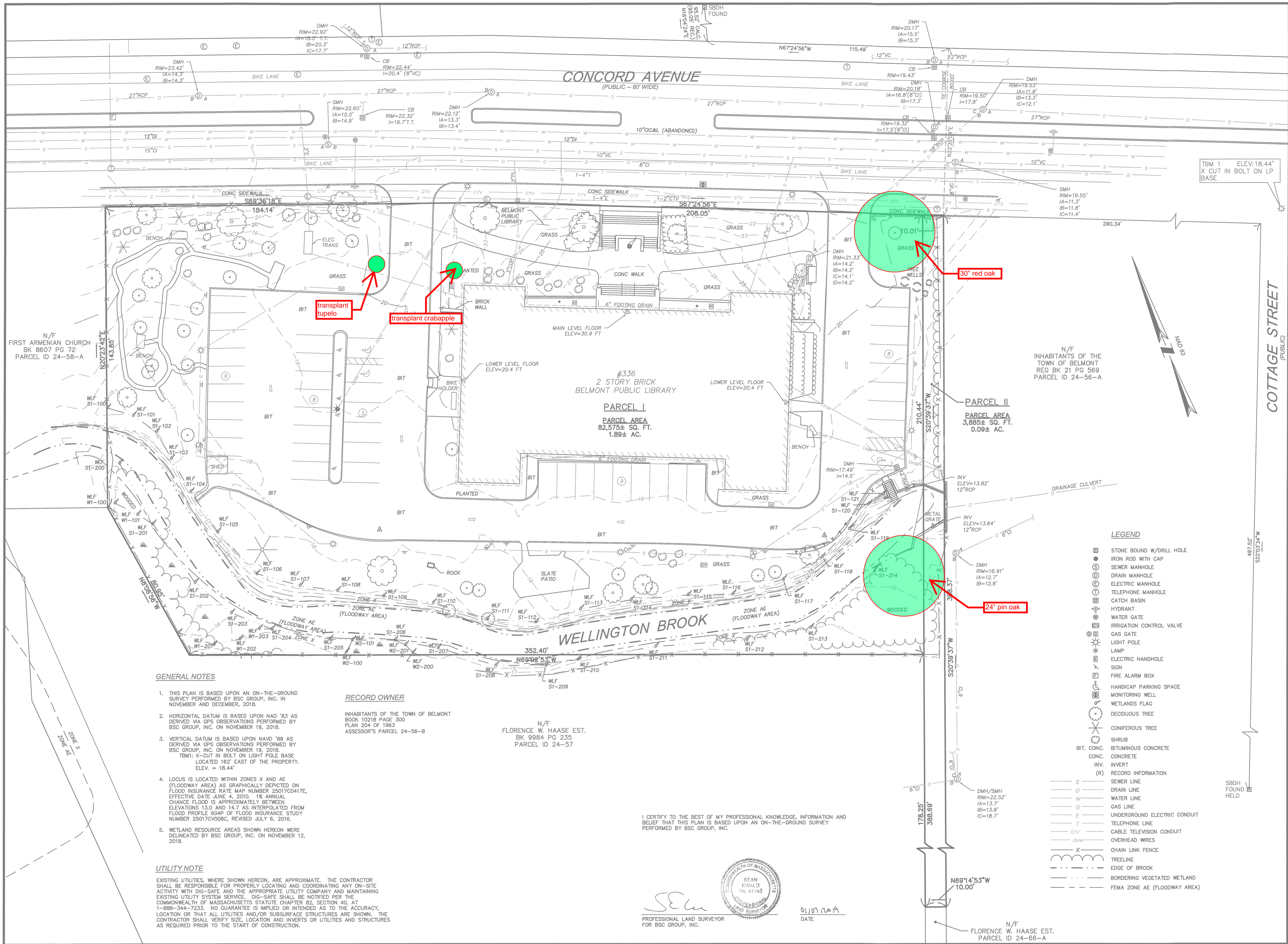


FIRE/DPW ACCESS

BELMONT LIBRARY Belmont, MA
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TBM 1 ELEV: 18.44'
X CUT IN BOLT ON LP
BASE

N/F
INHABITANTS OF THE
TOWN OF BELMONT
REG BK 21 PG 569
PARCEL ID 24-56-A

COTTAGE STREET
(PUBLIC)

BELMONT
PUBLIC
LIBRARY
336 CONCORD AVENUE
IN
BELMONT
MASSACHUSETTS
(MIDDLESEX COUNTY)

EXISTING
CONDITIONS
JANUARY 7, 2019

PREPARED FOR:
BELMONT PUBLIC LIBRARY
336 CONCORD AVENUE
BELMONT, MA 02478

BSC GROUP
803 Summer Street
Boston, Massachusetts
02127 617 896 4300

© 2018 BSC Group, Inc.
SCALE: 1" = 20'
0 2.5 5 10 20 40 METERS
0 10 20 40 FEET

PROJ. MGR.: K. THOMPSON	
FIELD: N. GENIDO	
CALC./DESIGN: K. THOMPSON	
DRAWN: A. STAMENKOVIC	
CHECK: S. EWALD	
FILE: P:\1353000\SURVEY\DWGS\1353000\	
DWG.: 1353000EC	SHEET
JOB. NO: 1-3530.00	1 OF 1

GENERAL NOTES

- THIS PLAN IS BASED UPON AN ON-THE-GROUND SURVEY PERFORMED BY BSC GROUP, INC. IN NOVEMBER AND DECEMBER, 2018.
- HORIZONTAL DATUM IS BASED UPON NAD '83 AS DERIVED VIA GPS OBSERVATIONS PERFORMED BY BSC GROUP, INC. ON NOVEMBER 19, 2018.
- VERTICAL DATUM IS BASED UPON NAVD '88 AS DERIVED VIA GPS OBSERVATIONS PERFORMED BY BSC GROUP, INC. ON NOVEMBER 19, 2018.
TBM1: X-CUT IN BOLT ON LIGHT POLE BASE LOCATED 162' EAST OF THE PROPERTY. ELEV. = 18.44'
- LOCUS IS LOCATED WITHIN ZONES X AND AE (FLOODWAY AREA) AS GRAPHICALLY DEPICTED ON FLOOD INSURANCE RATE MAP NUMBER 25017C0417E, EFFECTIVE DATE JUNE 4, 2010. 1% ANNUAL CHANCE FLOOD IS APPROXIMATELY BETWEEN ELEVATIONS 13.0 AND 14.7 AS INTERPOLATED FROM FLOOD PROFILE 604P OF FLOOD INSURANCE STUDY NUMBER 25017C0008C, REVISED JULY 6, 2016.
- WETLAND RESOURCE AREAS SHOWN HEREON WERE DELINEATED BY BSC GROUP, INC. ON NOVEMBER 12, 2018.

RECORD OWNER
INHABITANTS OF THE TOWN OF BELMONT
BOOK 10218 PAGE 300
PLAN 204 OF 1963
ASSESSOR'S PARCEL 24-56-B

N/F
FLORENCE W. HAASE EST.
BK 9984 PG 235
PARCEL ID 24-57

I CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF THAT THIS PLAN IS BASED UPON AN ON-THE-GROUND SURVEY PERFORMED BY BSC GROUP, INC.

SE
PROFESSIONAL LAND SURVEYOR
FOR BSC GROUP, INC.

01/07/2019
DATE

LEGEND

□	STONE BOUND W/DRILL HOLE
●	IRON ROD WITH CAP
⊙	SEWER MANHOLE
⊕	DRAIN MANHOLE
⊖	ELECTRIC MANHOLE
⊗	TELEPHONE MANHOLE
⊘	CATCH BASIN
⊙	HYDRANT
⊕	WATER GATE
⊖	IRRIGATION CONTROL VALVE
⊗	GAS GATE
⊘	LIGHT POLE
⊙	LAMP
⊖	ELECTRIC HANDHOLE
⊗	SIGN
⊘	FIRE ALARM BOX
⊙	HANDICAP PARKING SPACE
⊖	MONITORING WELL
⊗	WETLANDS FLAG
⊘	DECIDUOUS TREE
⊙	CONIFEROUS TREE
⊖	SHRUB
⊗	BIT. CONC.
⊘	CONC.
⊙	INVERT
(R)	RECORD INFORMATION
S	SEWER LINE
D	DRAIN LINE
W	WATER LINE
G	GAS LINE
E	UNDERGROUND ELECTRIC CONDUIT
T	TELEPHONE LINE
CTV	CABLE TELEVISION CONDUIT
OHW	OVERHEAD WIRES
X	CHAIN LINK FENCE
—	TREELINE
- - -	EDGE OF BROOK
- · - · -	BORDERING VEGETATED WETLAND
- · - · -	FEMA ZONE AE (FLOODWAY AREA)

SBDH FOUND HELD

N/F
FLORENCE W. HAASE EST.
PARCEL ID 24-66-A



DRAFT REVISED SITE PLAN

BELMONT LIBRARY Belmont, MA
 Schematic Design • 03 28 2023

STIMSON

OVERALL SUMMARY

Collection	Required LF	Provided LF	Delta
Adult	6,985	6,849	-136
Young Adult	465	561	+96
Childrens	1,720	1,785	+65
Local History	318	363	+45
Total	9,488	9,588	+100

Ground Floor Shelving Plan



SHELVING HEIGHTS

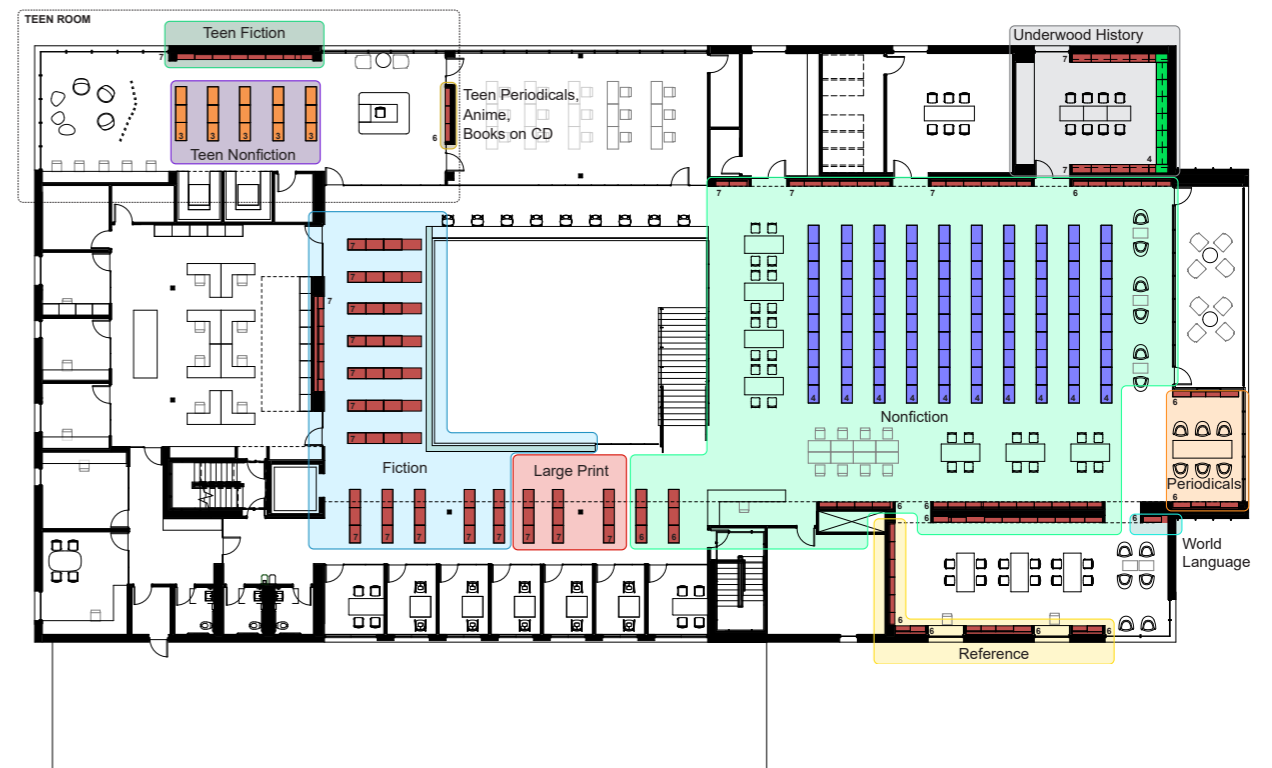
- Board Book Bins
- 48" DVD/CD
- 36"
- 48"
- 60"

CHILDRENS	VOLUMES	REQUIRED LF	PROVIDED LF	CHANGE in LF
Reference	235	15.7	18.0	+2.3
Fiction	10,976	731.7	744.0	+12.3
Nonfiction	13,116	524.6	531.0	+6.4
Picture Books	8,240	274.7	282.0	+7.3
Board Books	752	37.6	36.0	-1.6
Easy Reader	1,827	60.9	72.0	+11.1
World Language	94	5.2	18.0	+12.8
DVD/Bluray	659	36.6	36.0	-0.6
CD	607	24.3	24.0	-0.3
Periodicals	223	8.9	8.9	+15.1
TOTAL	5,913	465	561	+96

ADULTS	VOLUMES	REQUIRED LF	PROVIDED LF	CHANGE in LF
New Materials*			616.0	+616
DVD/Bluray	11,040	613.3	597.3	-16.0
CD	6,180	247.2	240.0	-7.2
MEDIA TOTAL			1,453.3	-23.2

*In excess of required shelving

Upper Floor Shelving Plan

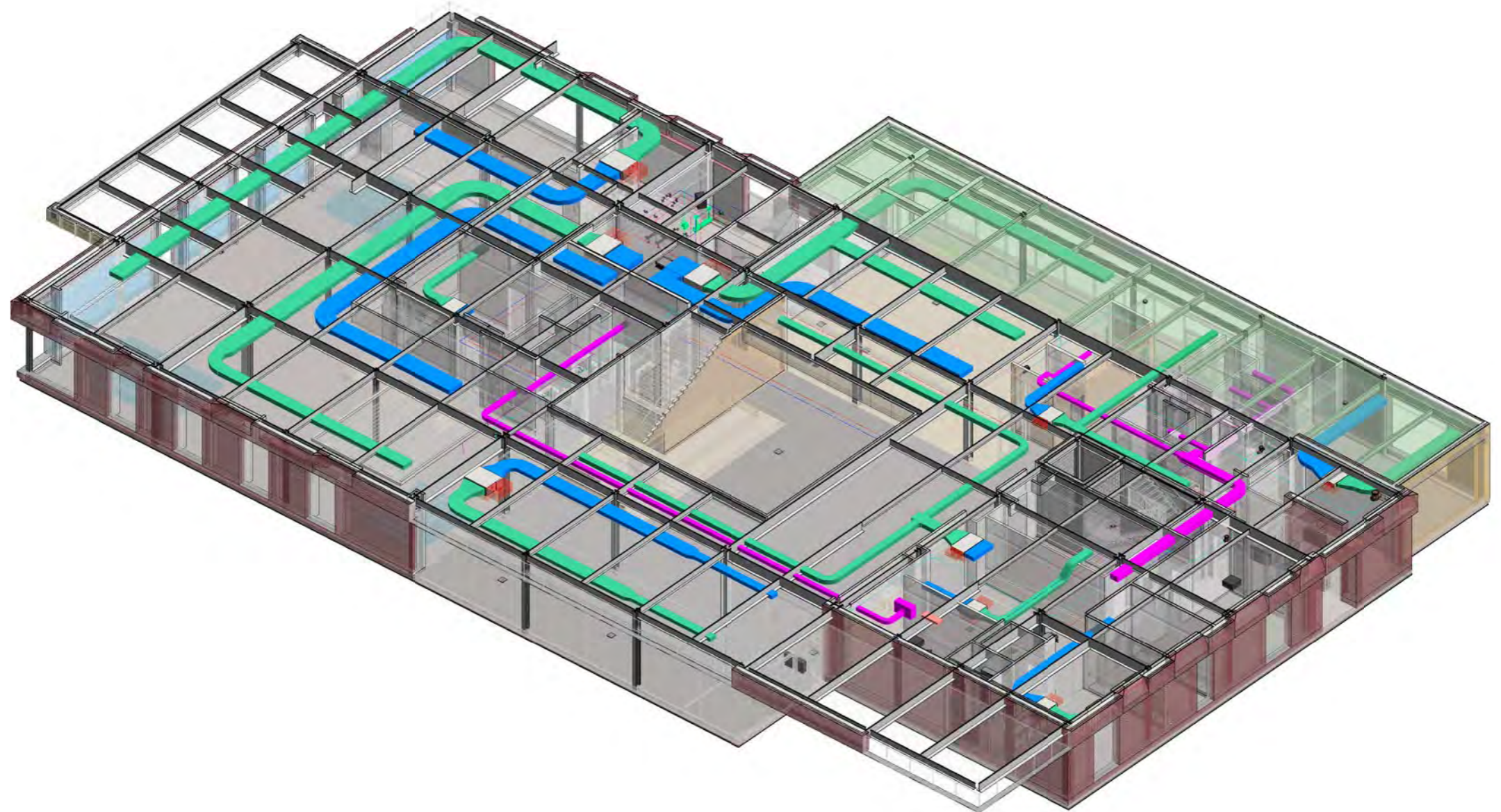


SHELVING HEIGHTS

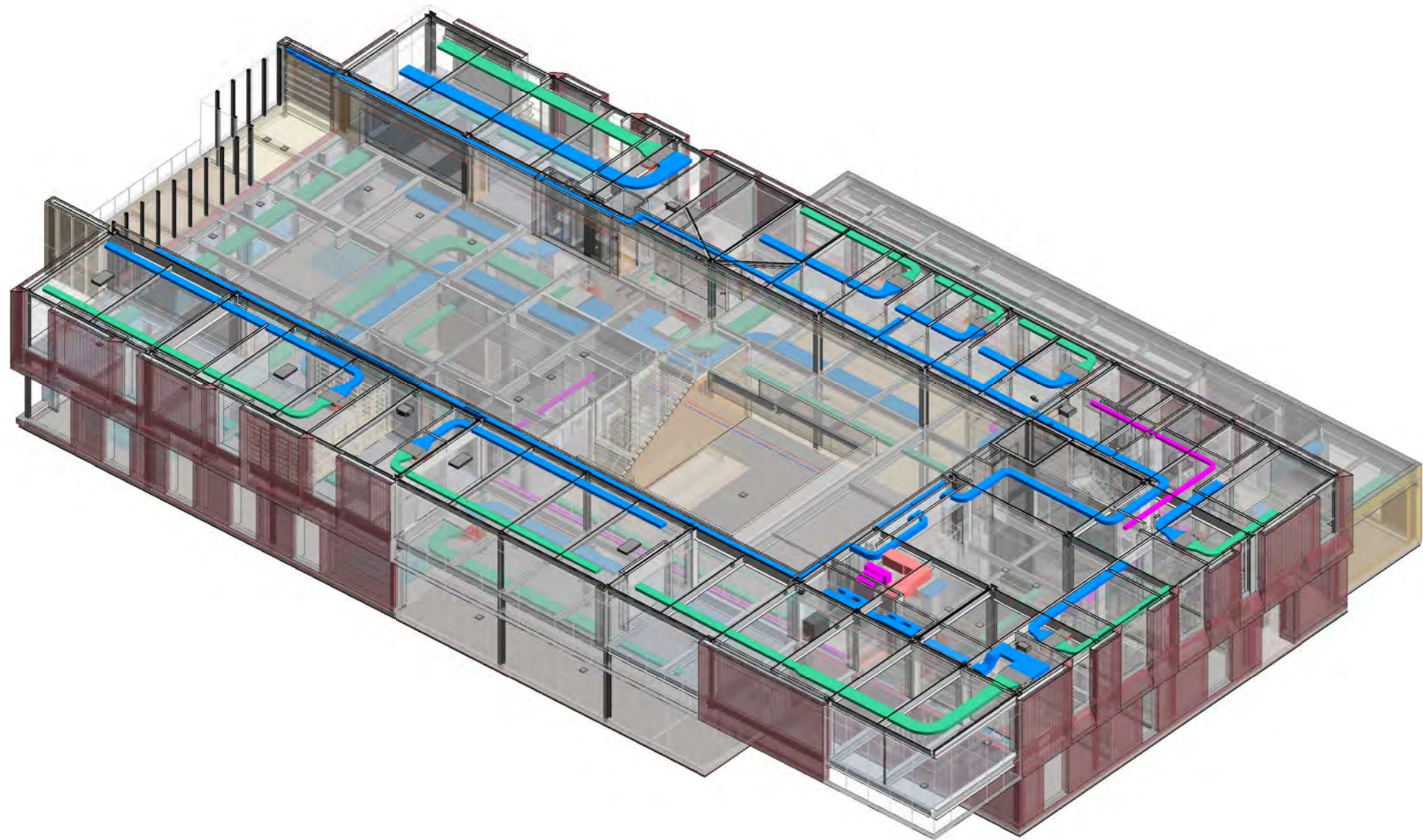
- 36"
- 48"
- 60"
- 76"
- Shelving over Cabinets

ADULT	VOLUMES	REQUIRED LF	PROVIDED LF	CHANGE in LF
Adult Reference	2,002	250.3	228.0	-22.3
Adult Fiction	20,328	1,848.0	1,918.0	+70
Adult Paperback	2,200	183.3	189.0	+5.7
Adult Nonfiction	33,403	3,340.3	3,363.0	+22.7
Large Print	2,936	367.0	378.0	+11.0
Adult Vinyl	485	26.9		
Adult World Languages	480	32.0	18.0	-14.0
Adult Periodicals	1,910	76.4	132.0	+55.6
Underwood History	652	318.0	363.0	+45.0
TOTAL	80,964	6,985	7,063	+78.5

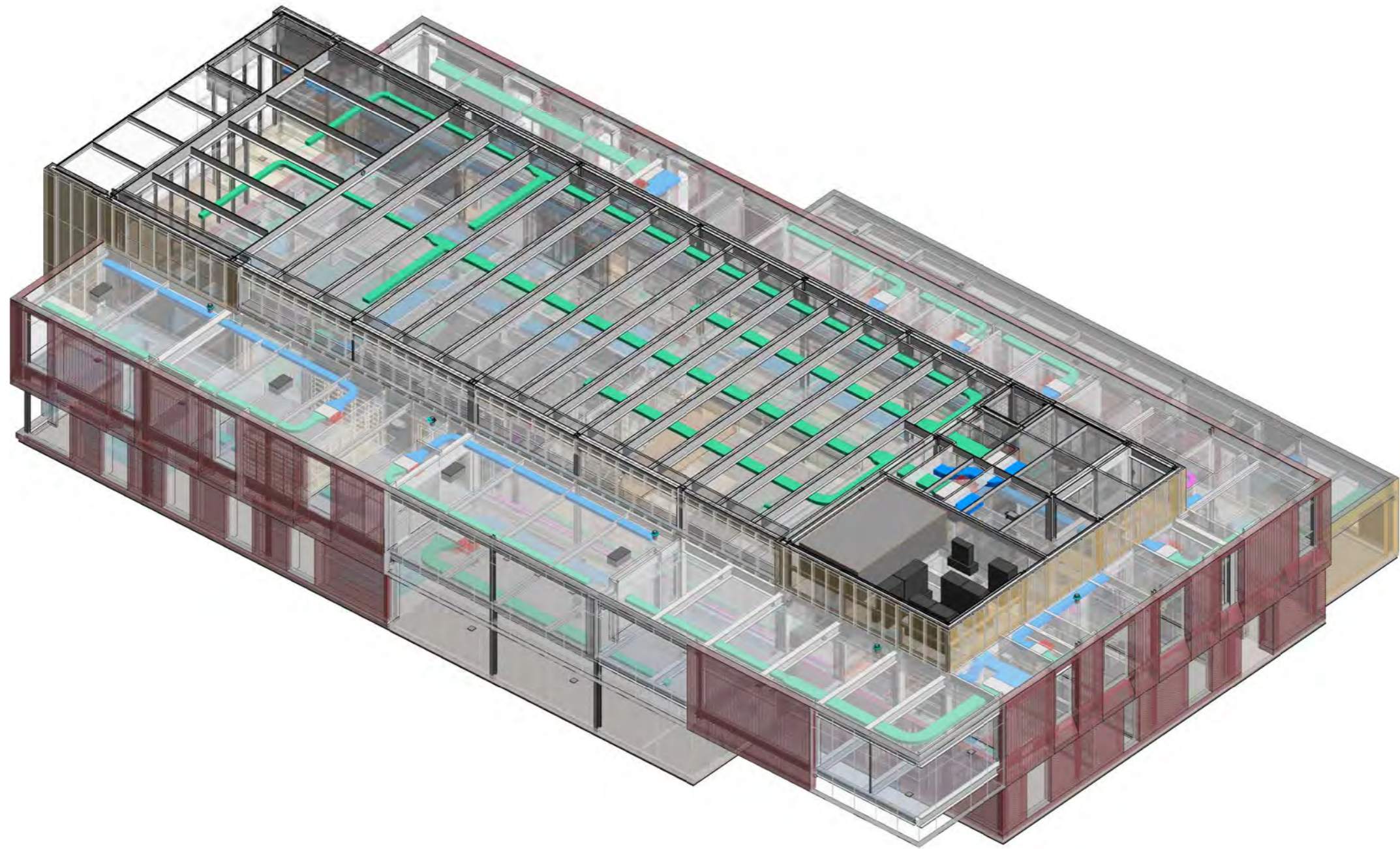
YOUNG ADULT	VOLUMES	REQUIRED LF	PROVIDED LF	CHANGE in LF
Fiction	2,841	236.8	246.0	+93.0
Nonfiction	2,788	185.9	270.0	+84.1
Book on CD	103	4.1	9.0	+4.9
Anime (DVD format)	151	8.4	9.0	+0.6
Periodicals	30	30.0	27.0	-3.0
TOTAL	5,913	465	561	+96



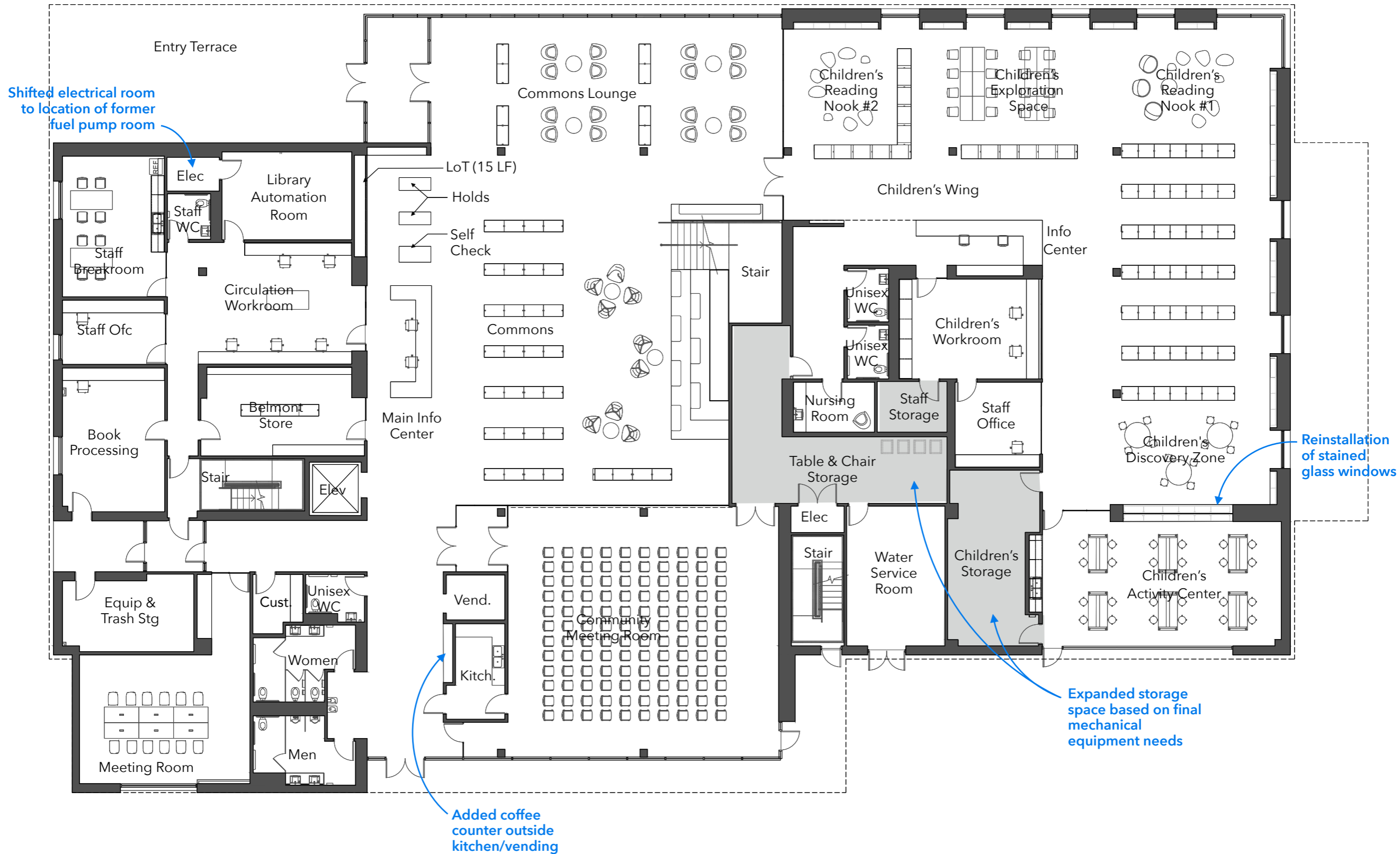
Revit Coordination Model: Ground Floor



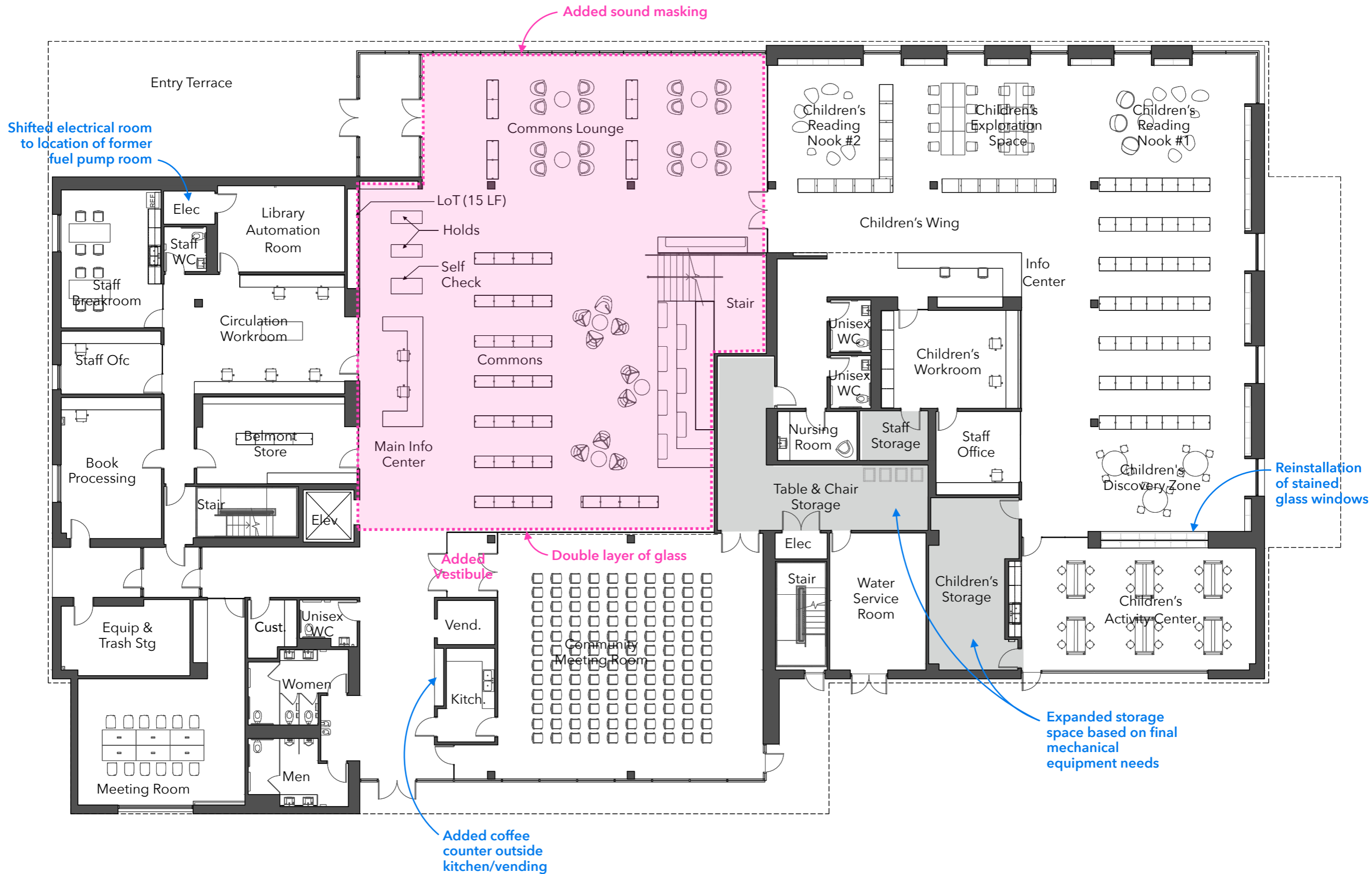
Revit Coordination Model: Second Floor



Revit Coordination Model: Penthouse



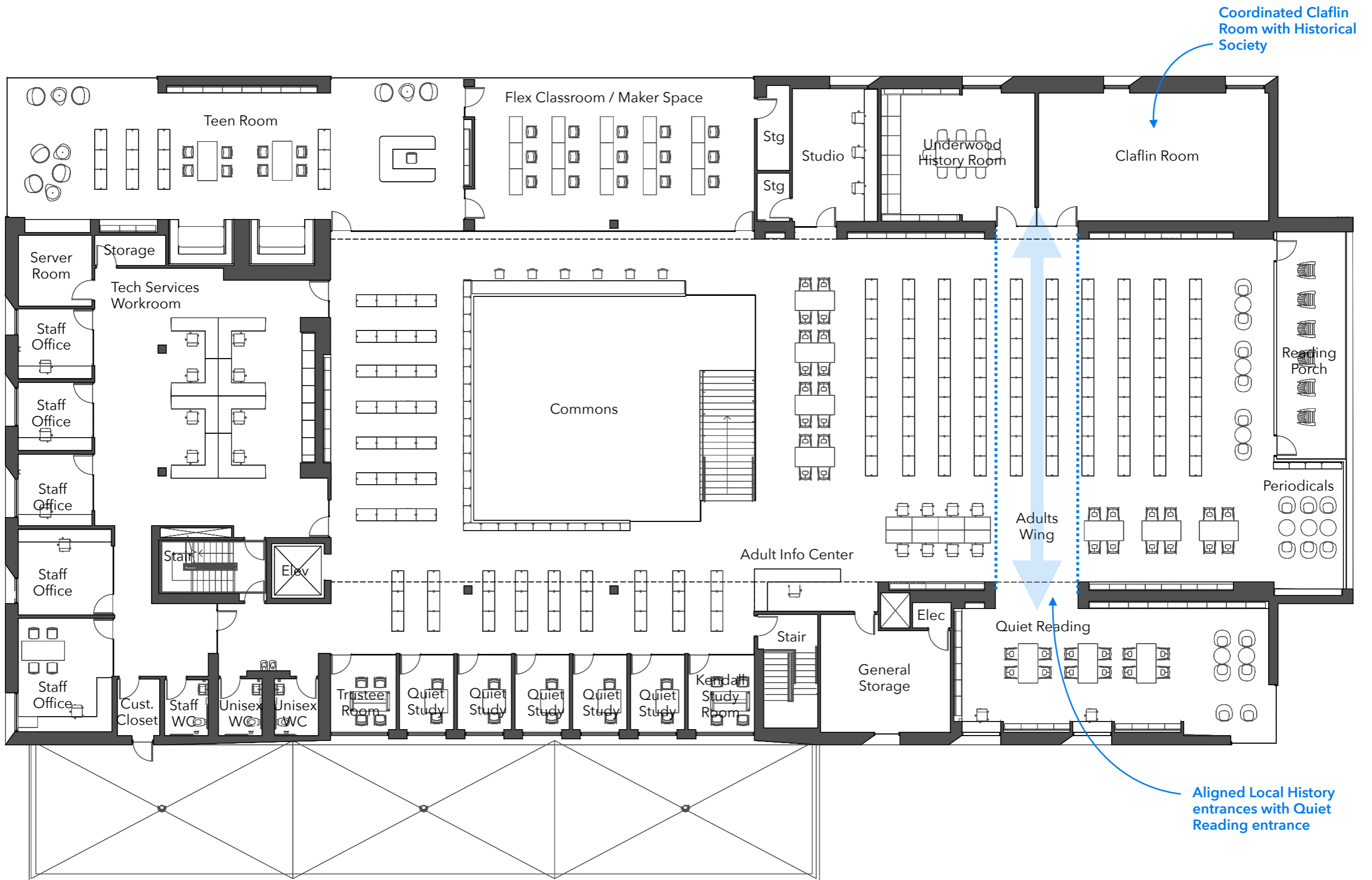
Plan Refinements: Ground Floor



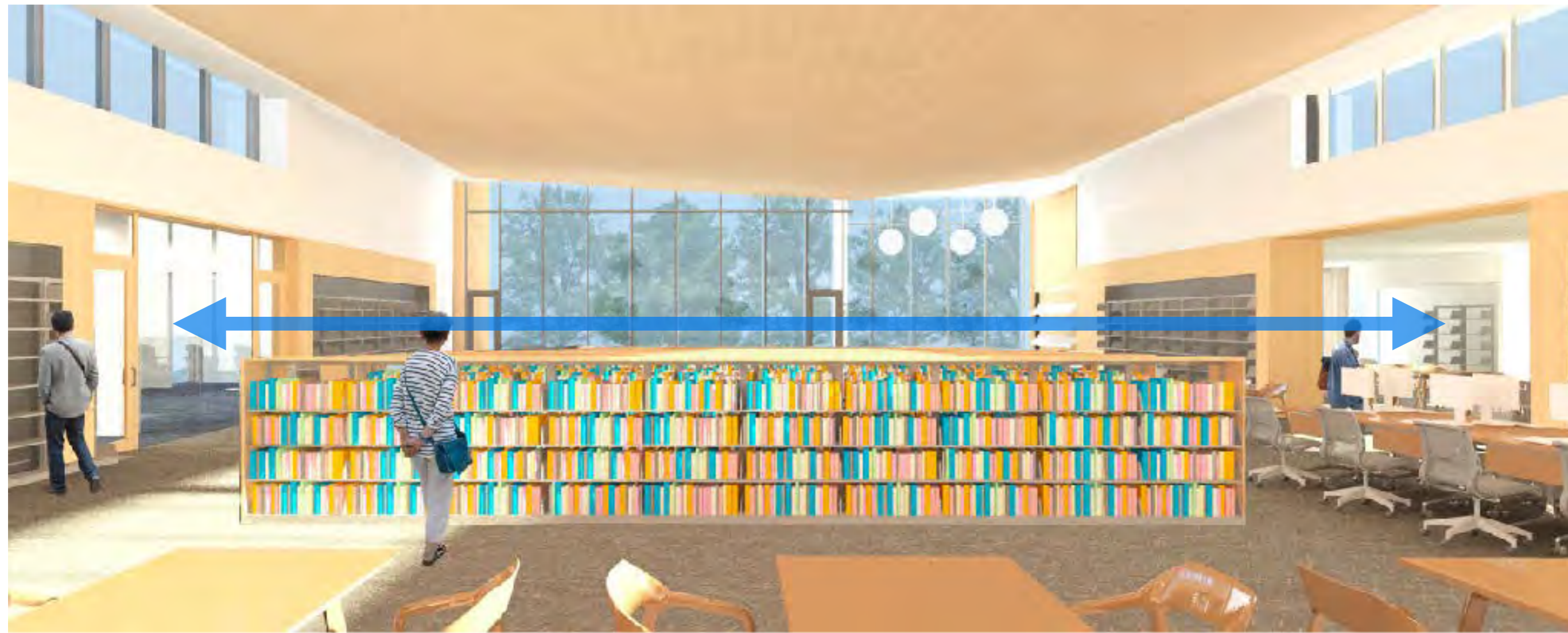
Plan Refinements: Ground Floor



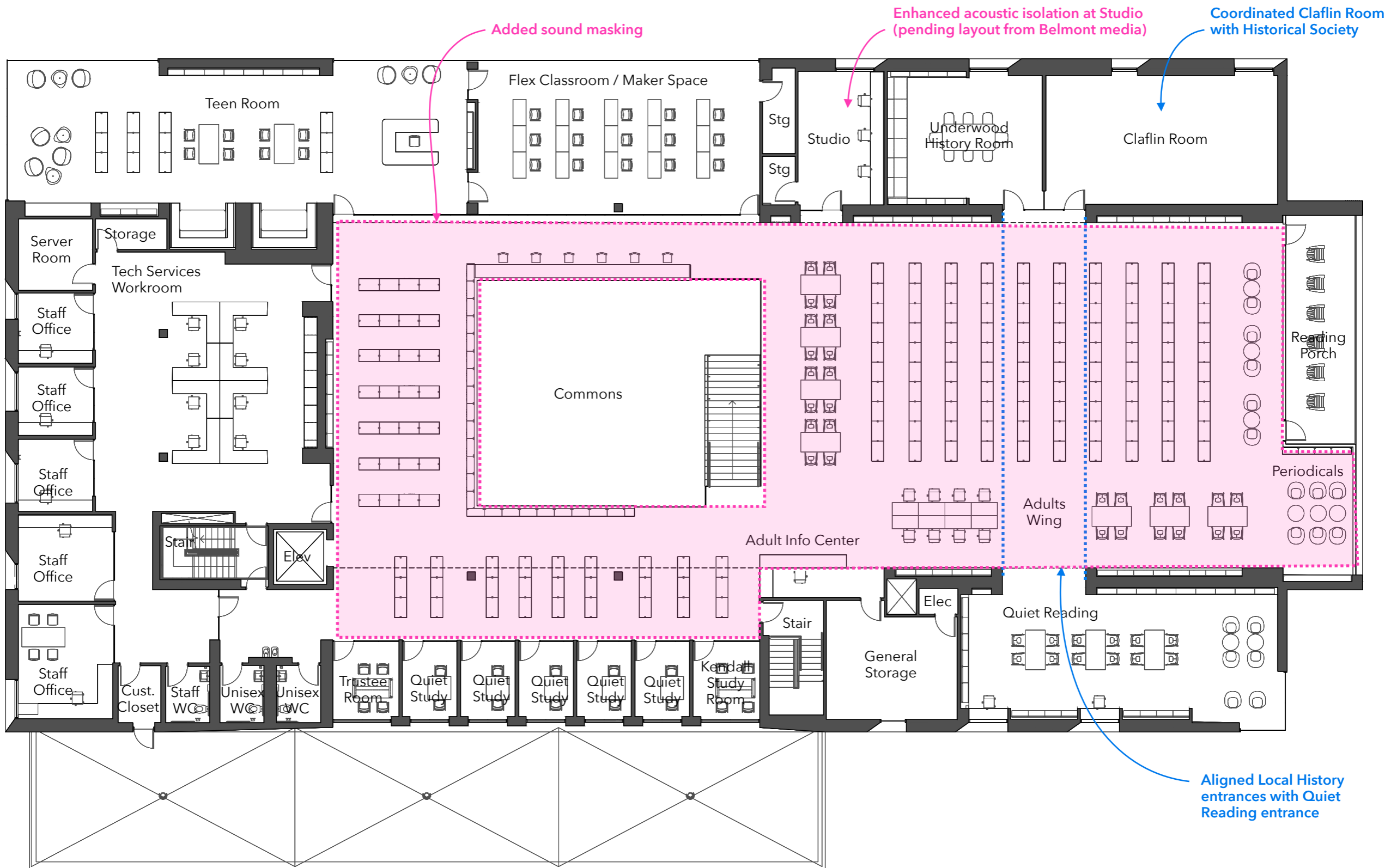
Plan Refinements: Ground Floor Stained Glass Windows



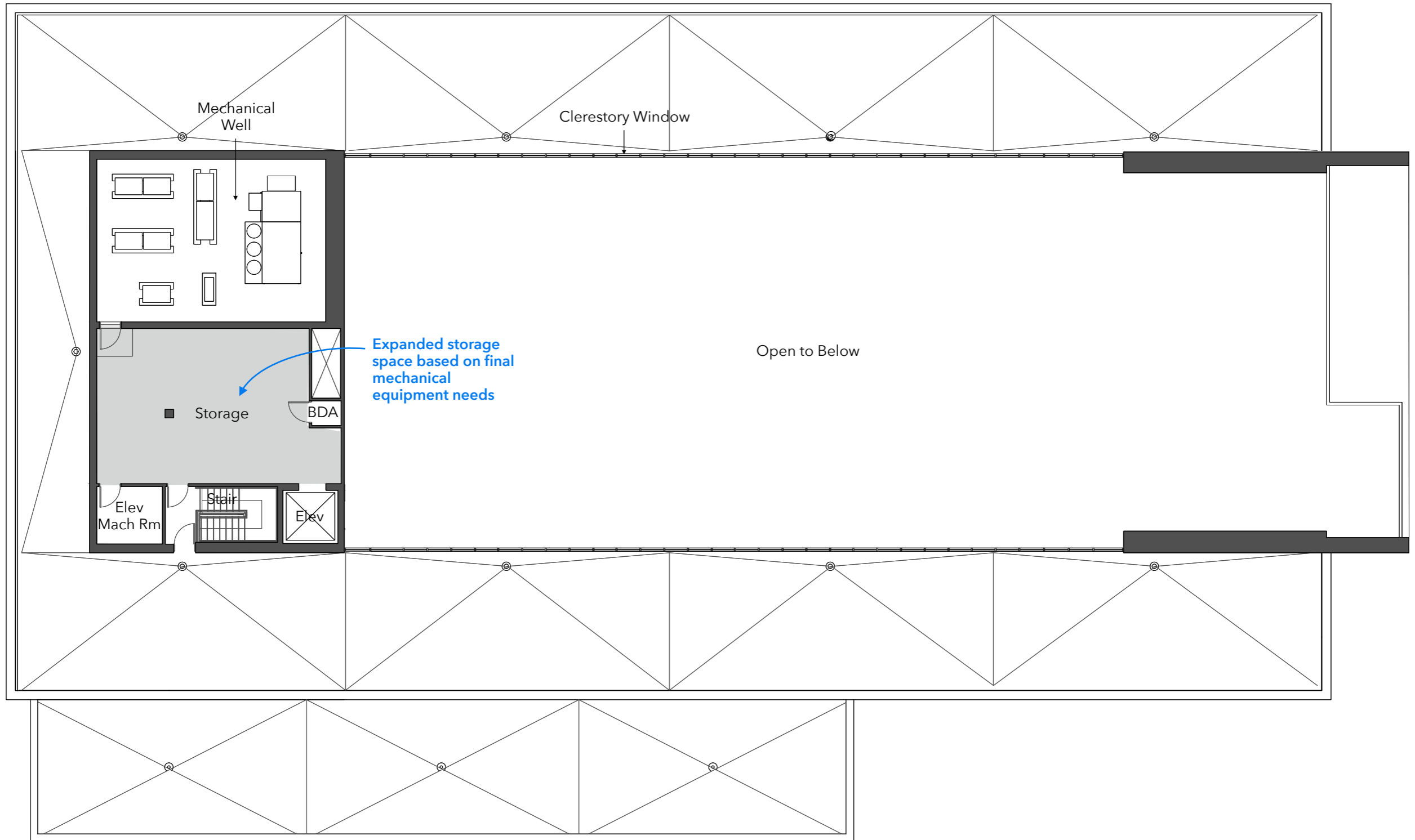
Plan Refinements: Second Floor



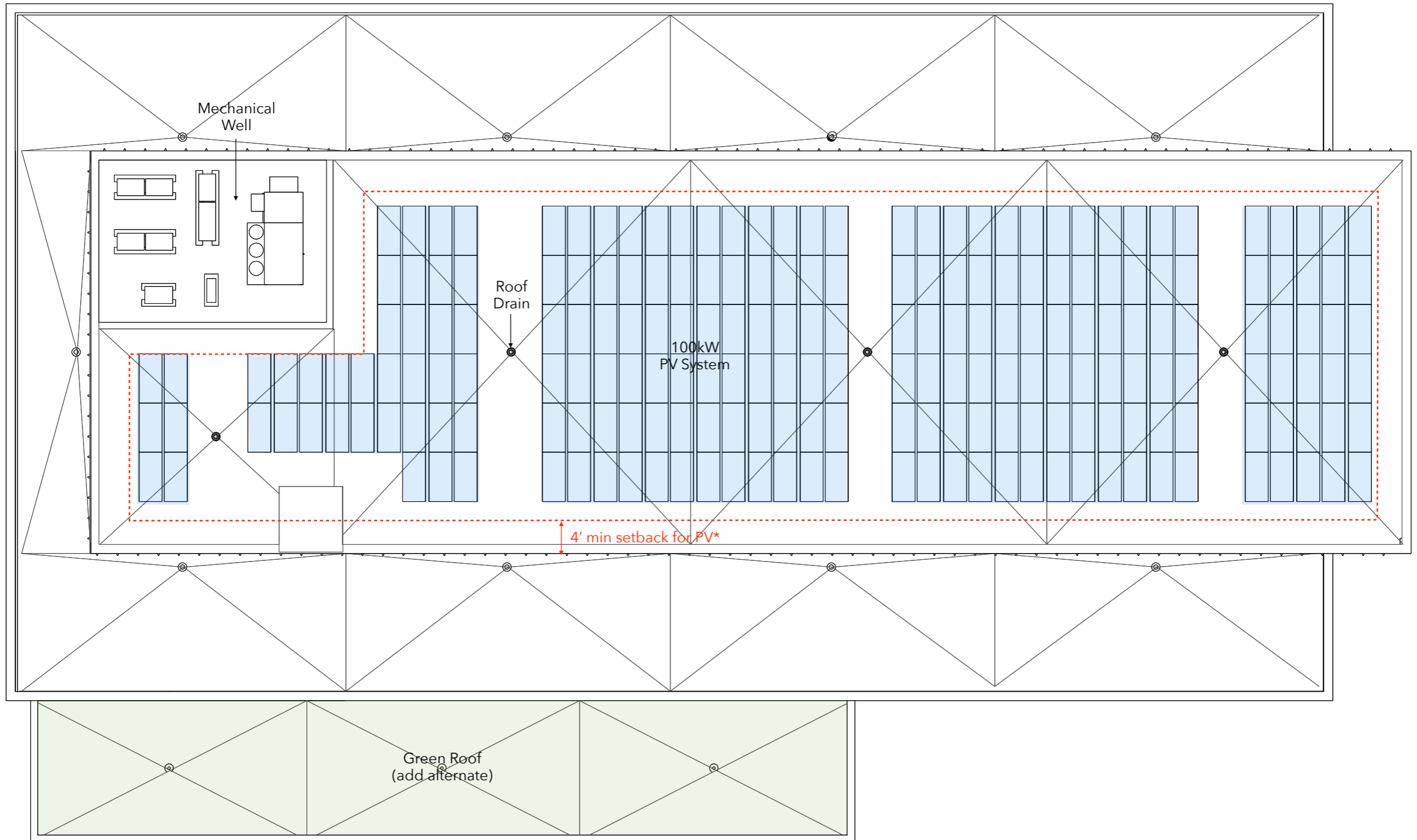
Plan Refinements: Second Floor Adult Reading Room



Plan Refinements: Second Floor

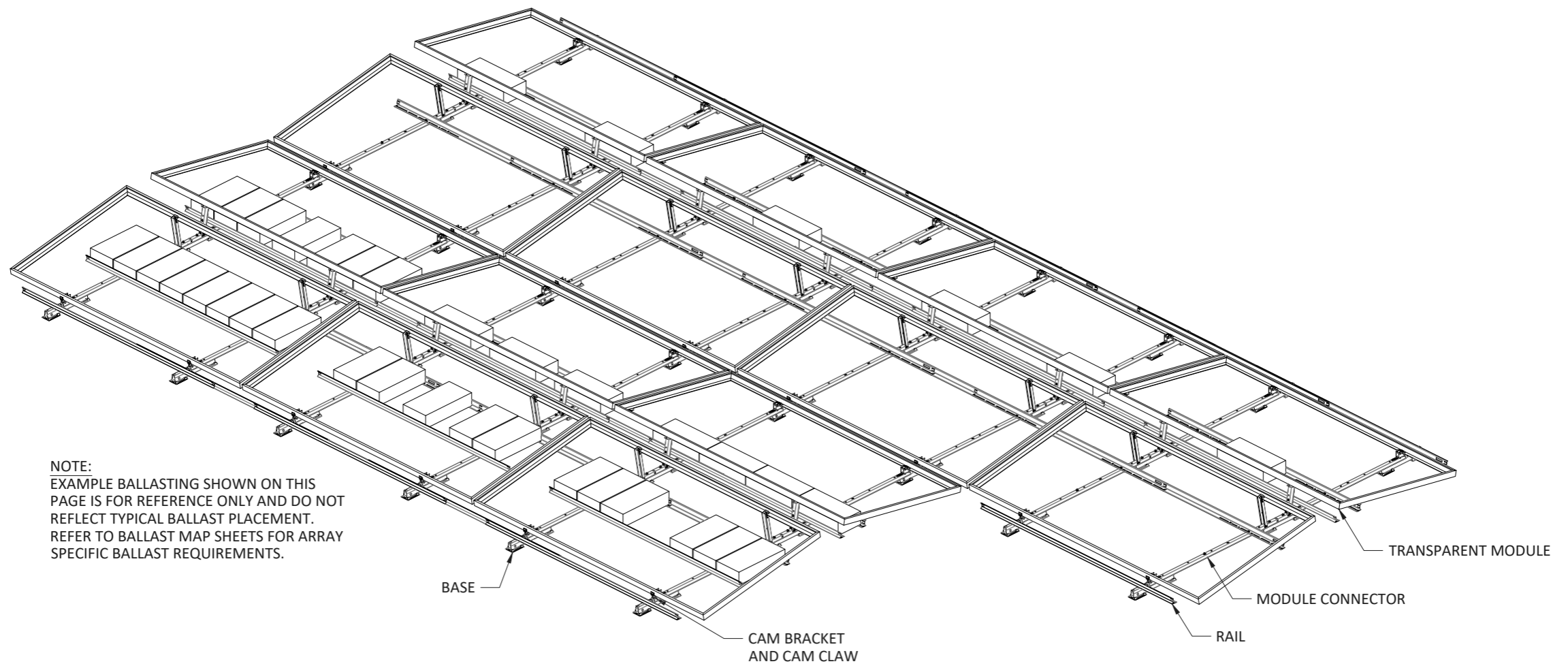
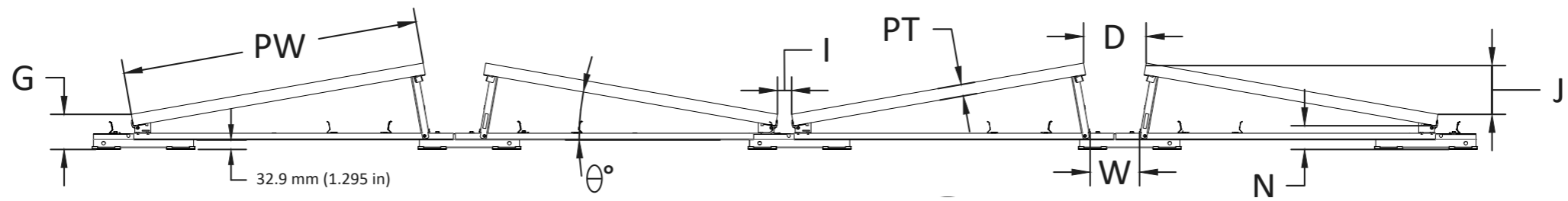


Plan Refinements: Penthouse

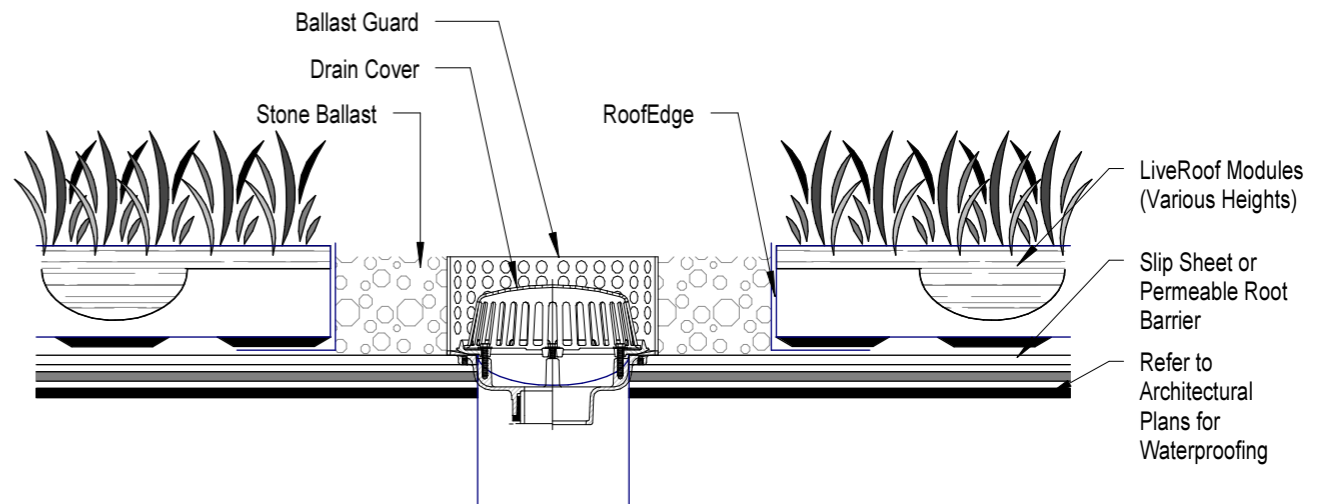
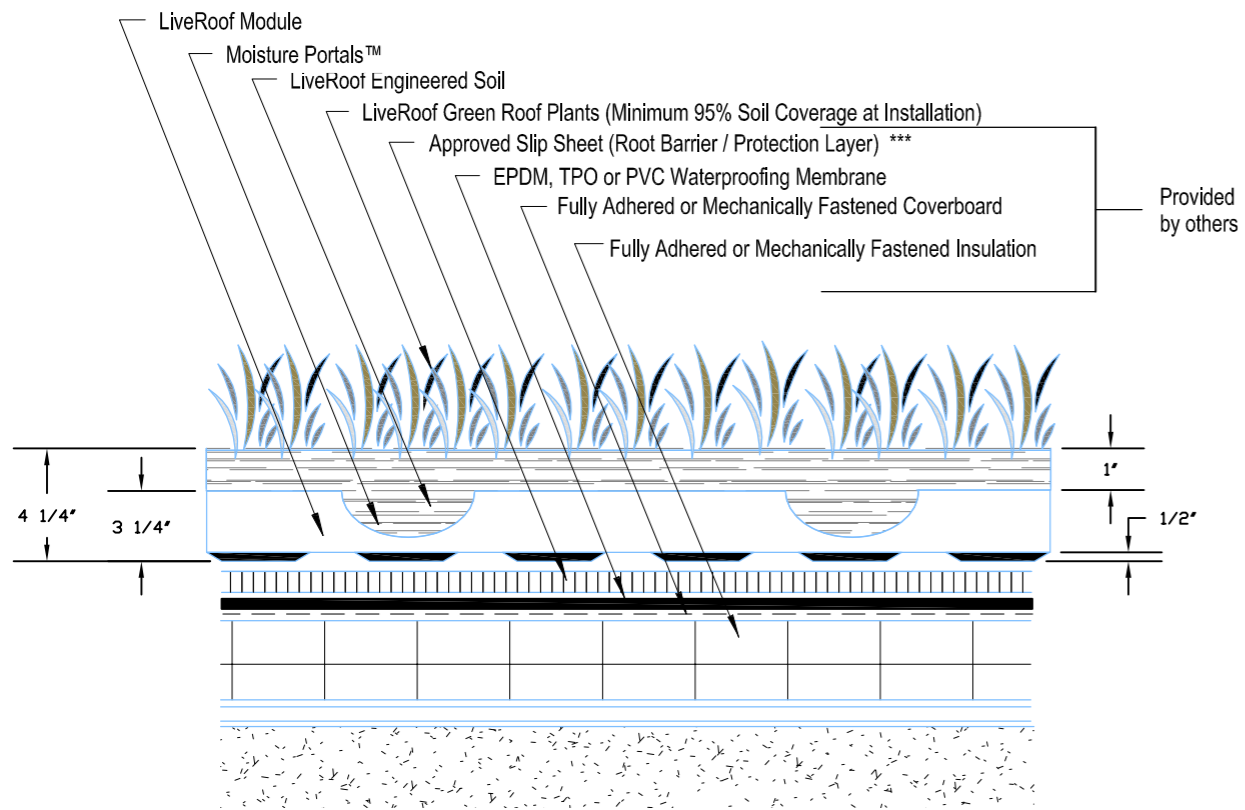


Plan Refinements: Roof

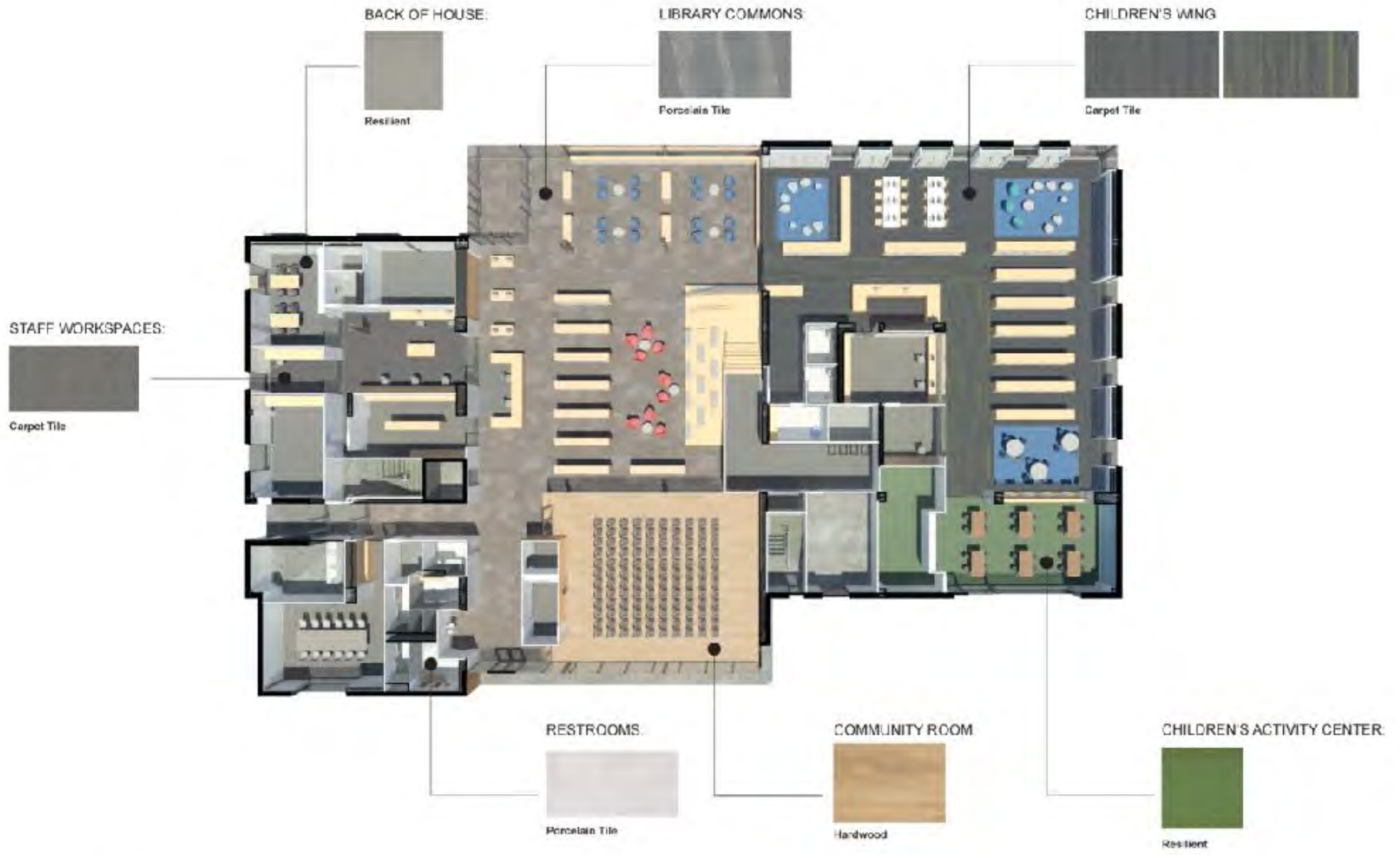
*Roof tie-off anchors provided for maintenance



NOTE:
 EXAMPLE BALLASTING SHOWN ON THIS
 PAGE IS FOR REFERENCE ONLY AND DO NOT
 REFLECT TYPICAL BALLAST PLACEMENT.
 REFER TO BALLAST MAP SHEETS FOR ARRAY
 SPECIFIC BALLAST REQUIREMENTS.



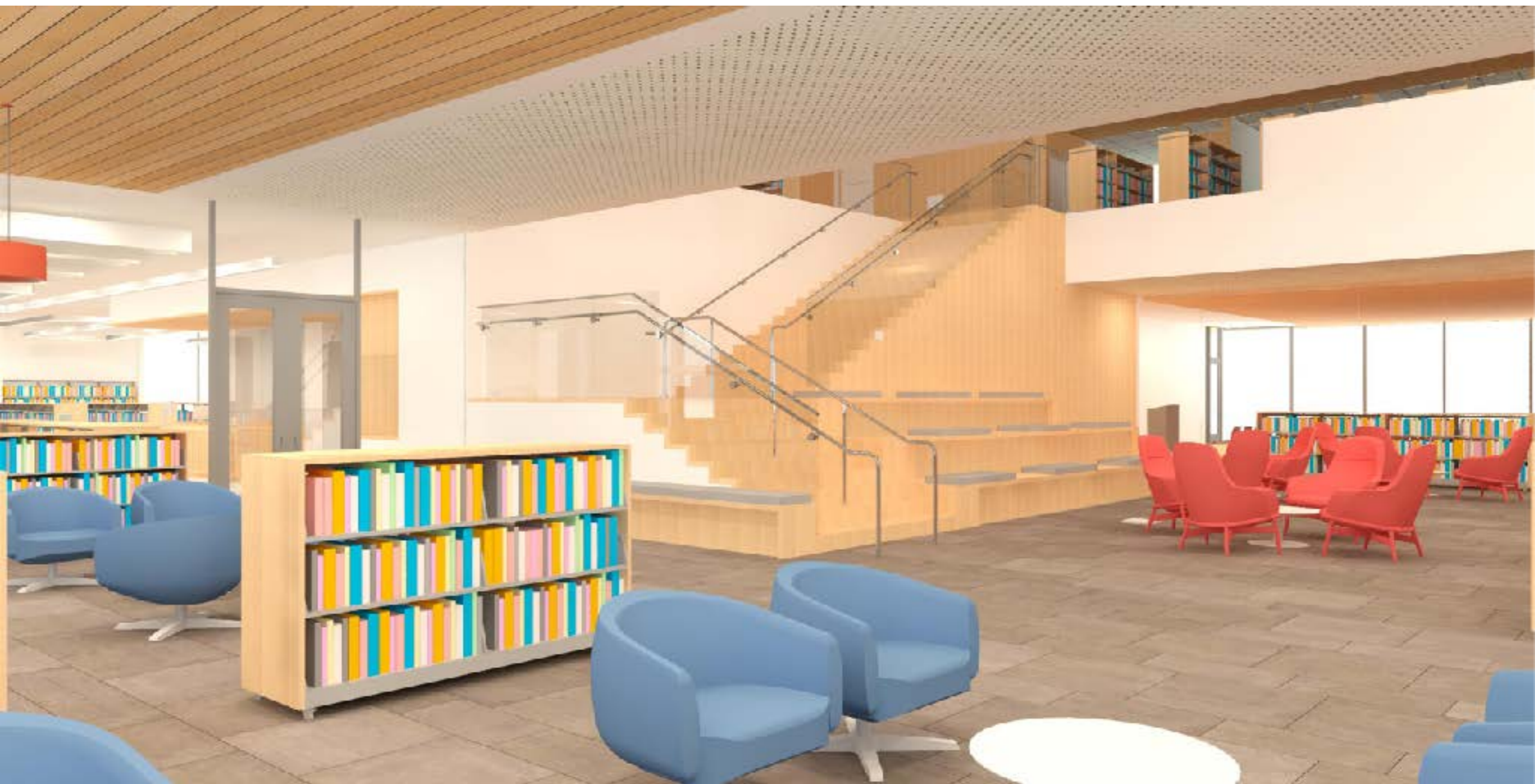
Plan Refinements: Roof Green Roof System



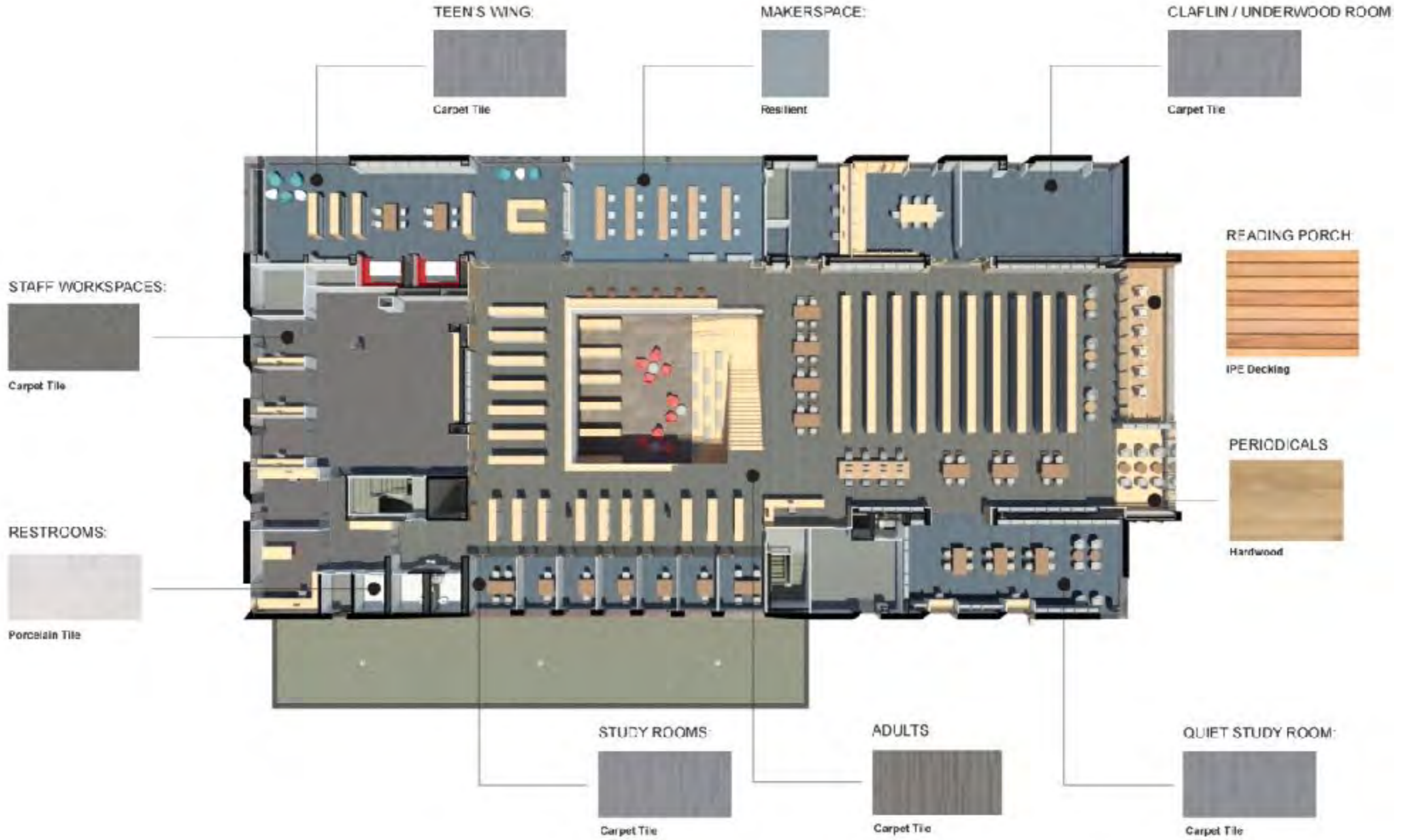
Floor Finishes: Ground Floor



Floor Finishes: Ground Floor



Floor Finishes: Ground Floor



Floor Finishes: Second Floor

HPL PANEL



Triangular Fins

BRICK



Soldiers Course

CURTAIN WALL



Kavner 25COUT with
Structural Silicone Joints

BRICK



Angled Texture



NORTH ELEVATION



SOUTH ELEVATION

HPL PANEL



Fundermax Enigma

GLASS



Glerban 50, Triple Glazed

BRICK



Cabernet Durgundy, Norman Brick

Exterior Materials



Oudens Ello Architecture