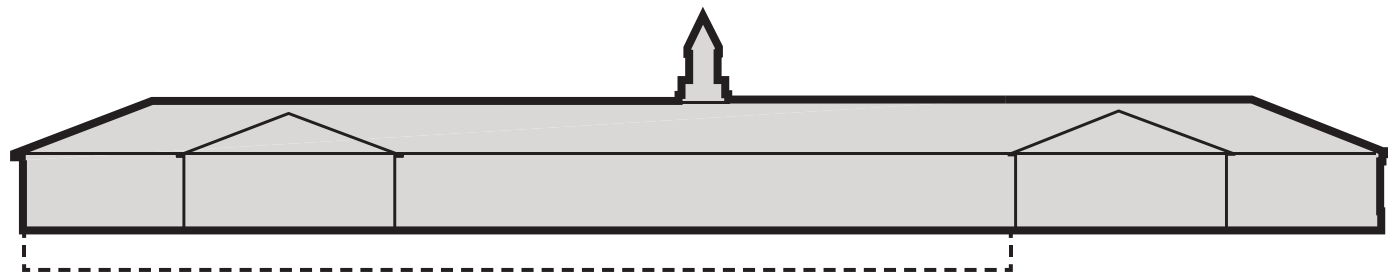
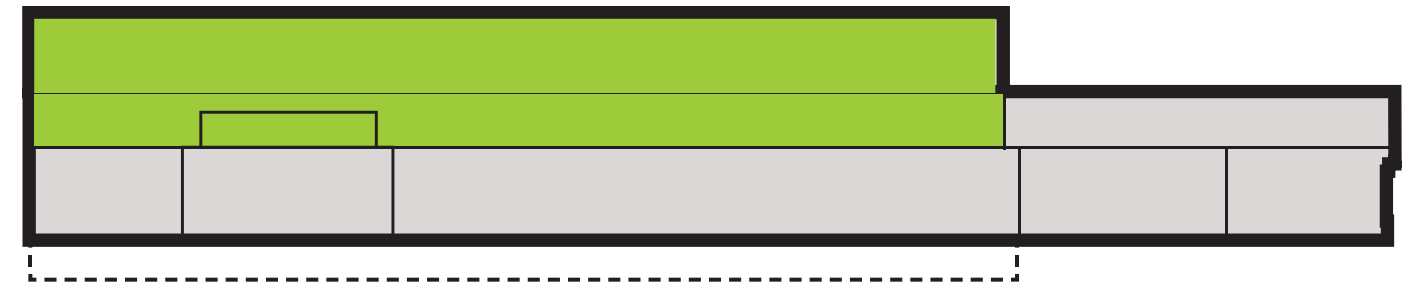


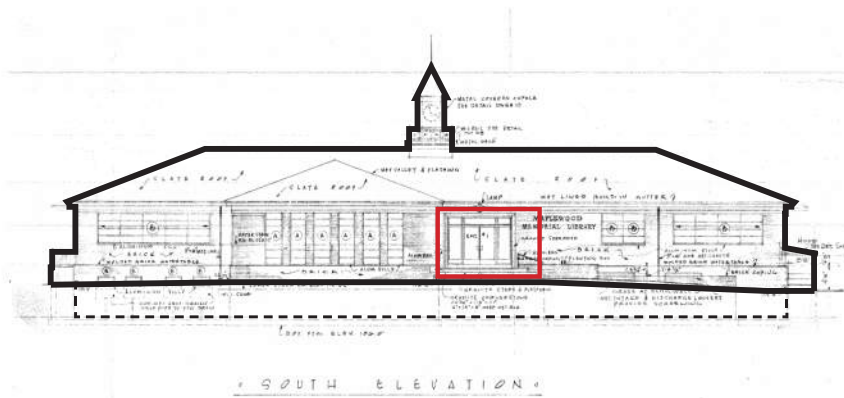
**21st century library**



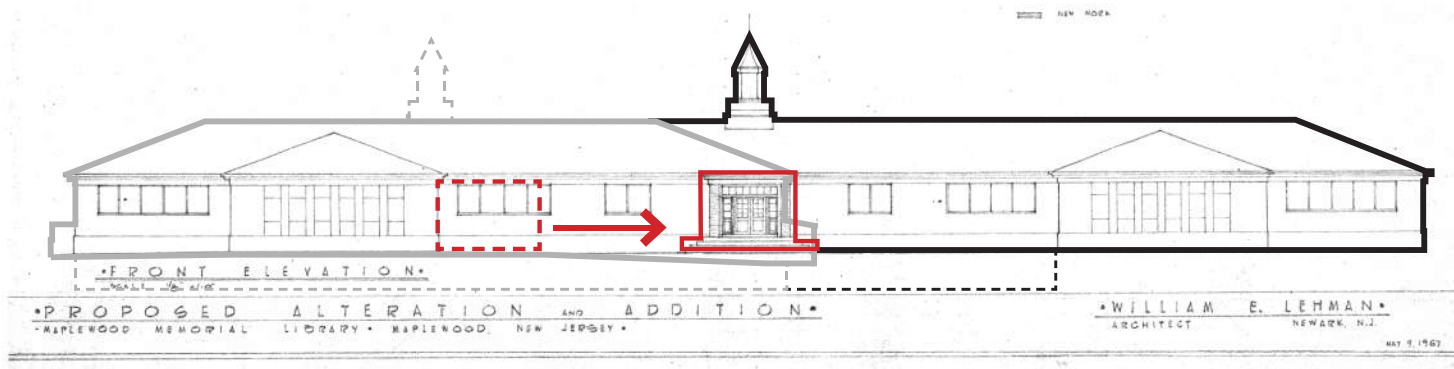
**then**  
**23,329 SF**



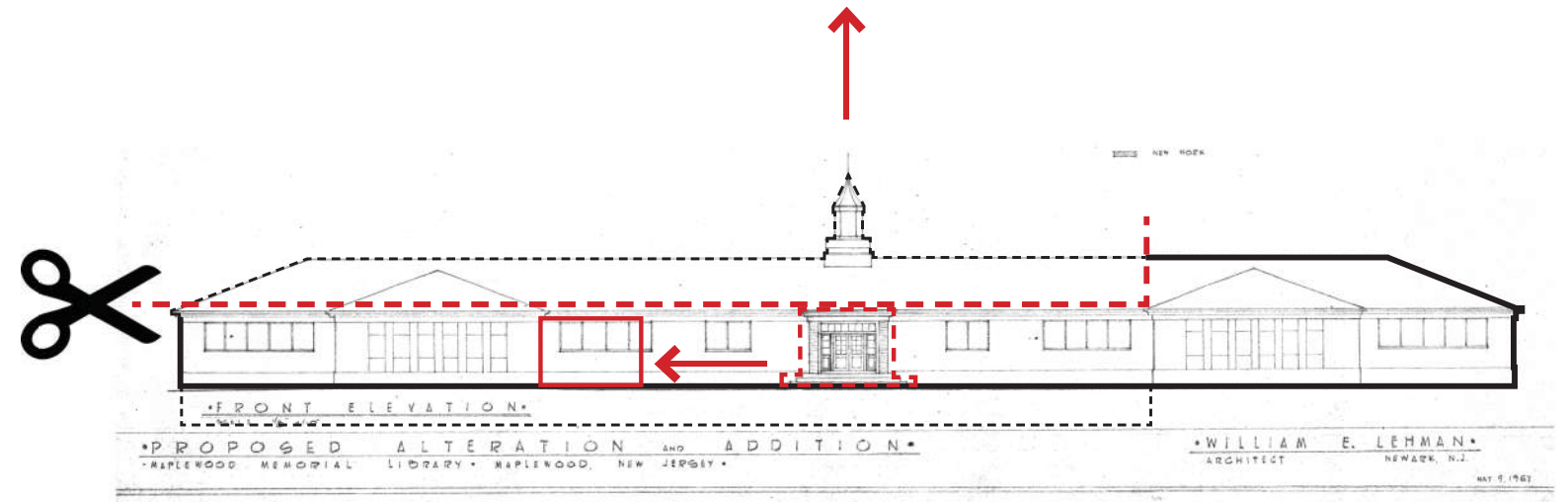
**now**  
**30,427 SF**



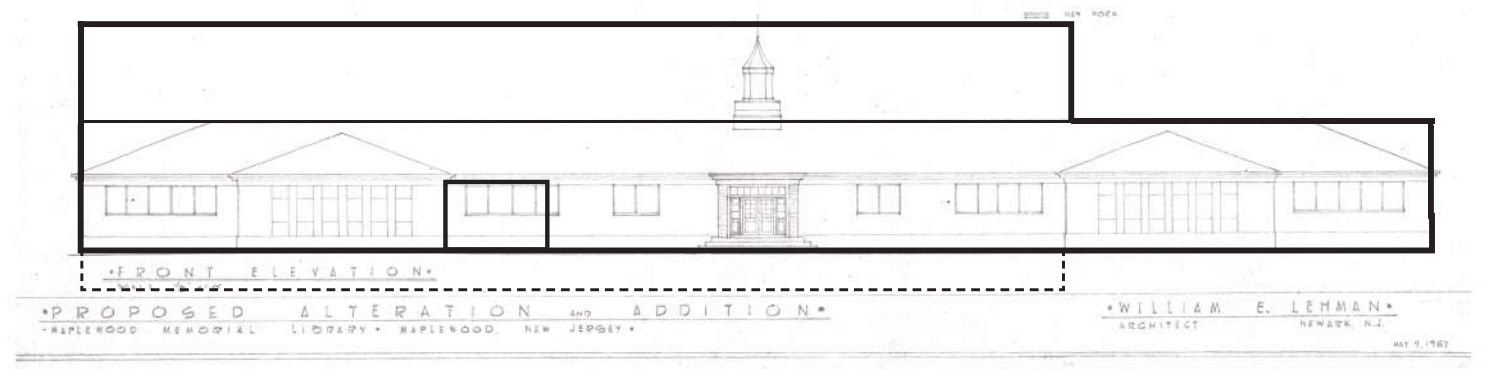
1956



1969



2022



2024





MAPLEWOOD MEMORIAL

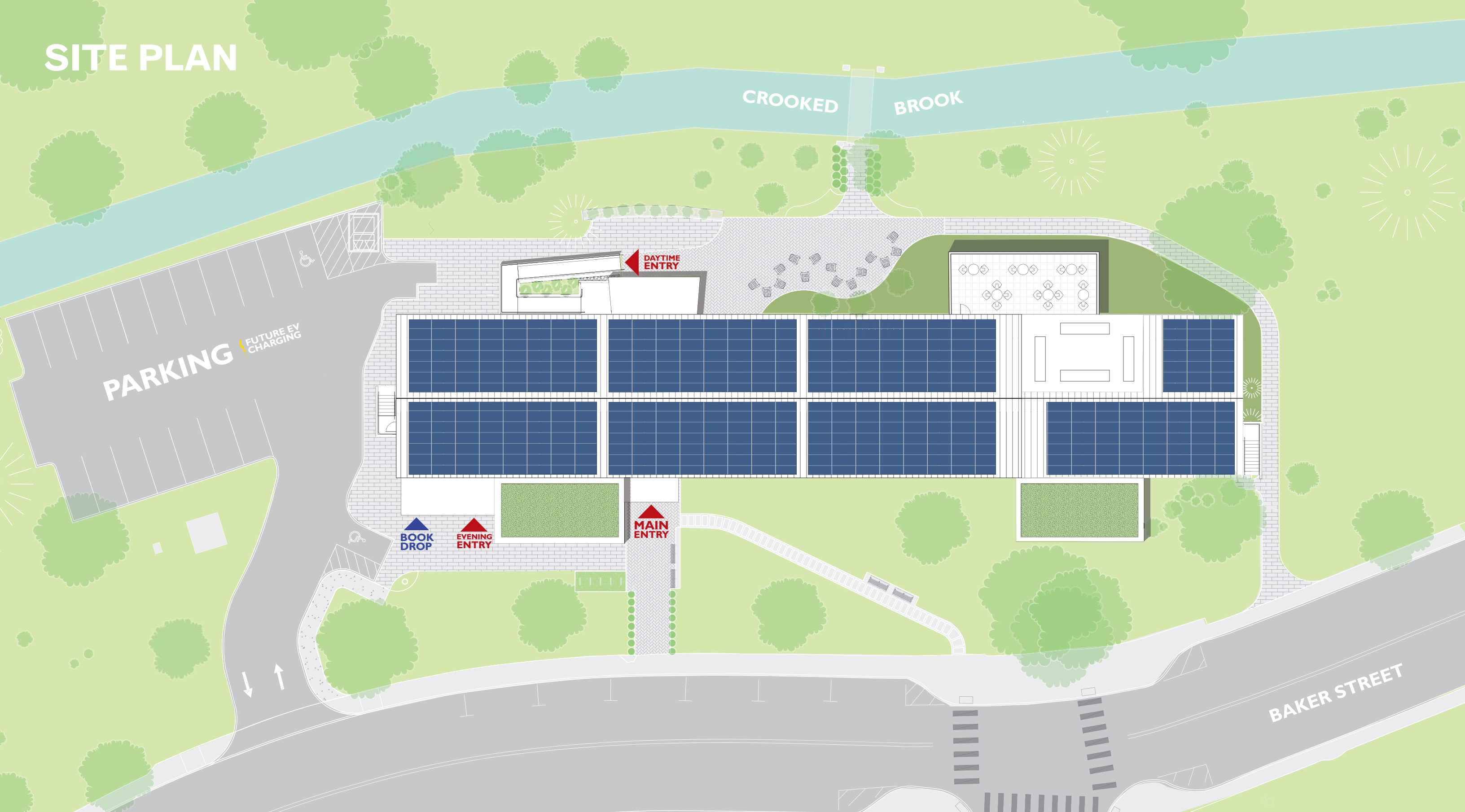
**M**  
MAPLEWOOD  
LIBRARY  
OPEN FOR ALL







# SITE PLAN





**FIRST FLOOR:**

CROOKED BROOK

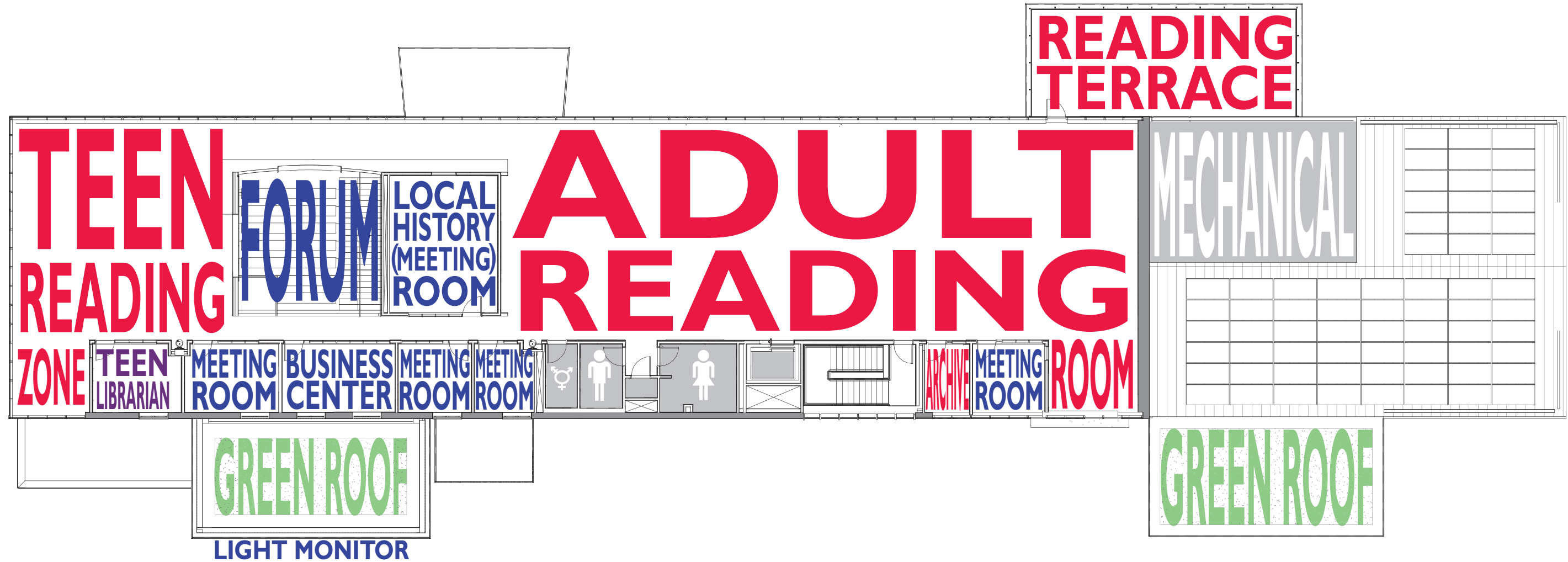








# SECOND FLOOR

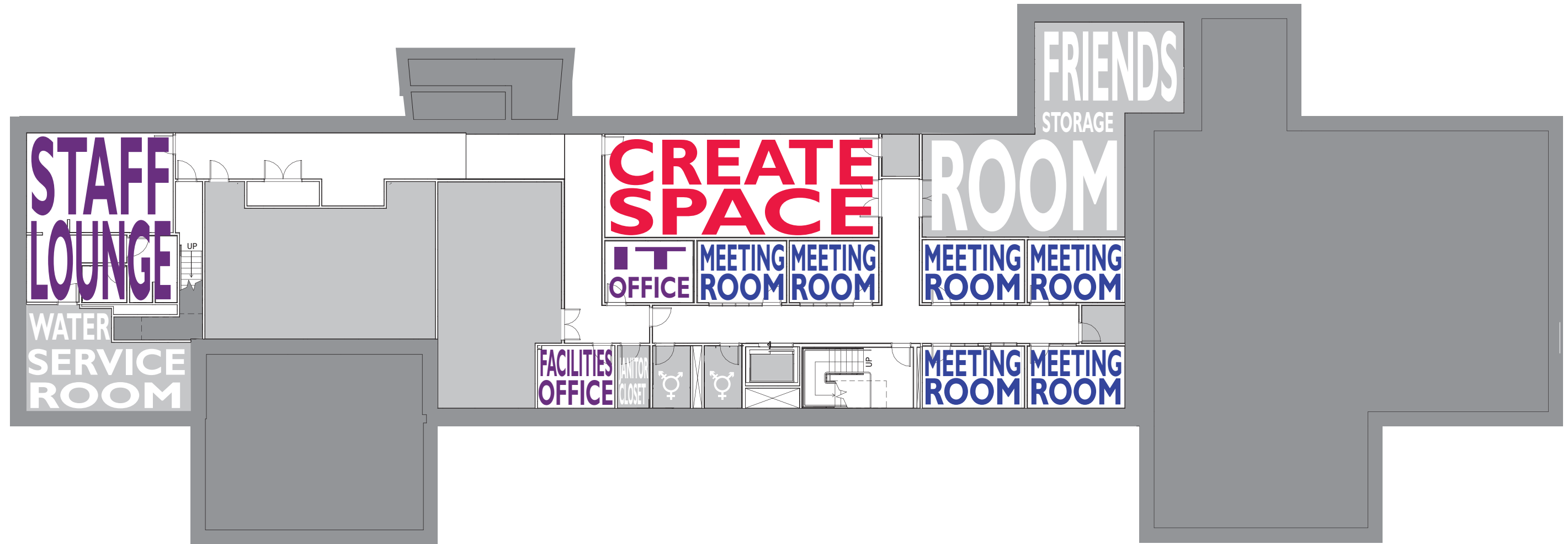






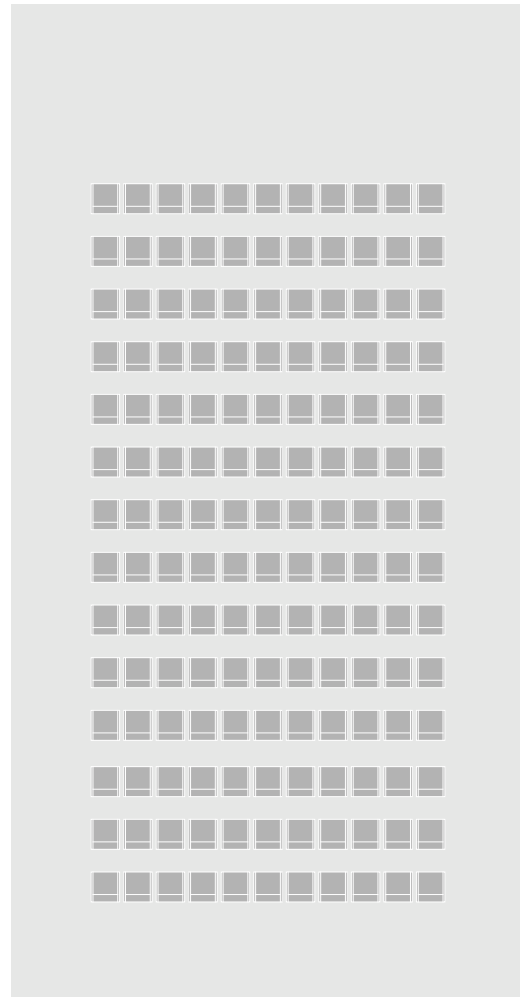


# LOWER LEVEL



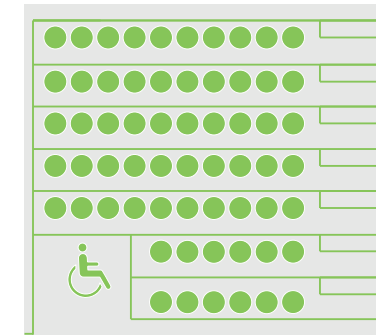


# ASSEMBLY SPACE(S)

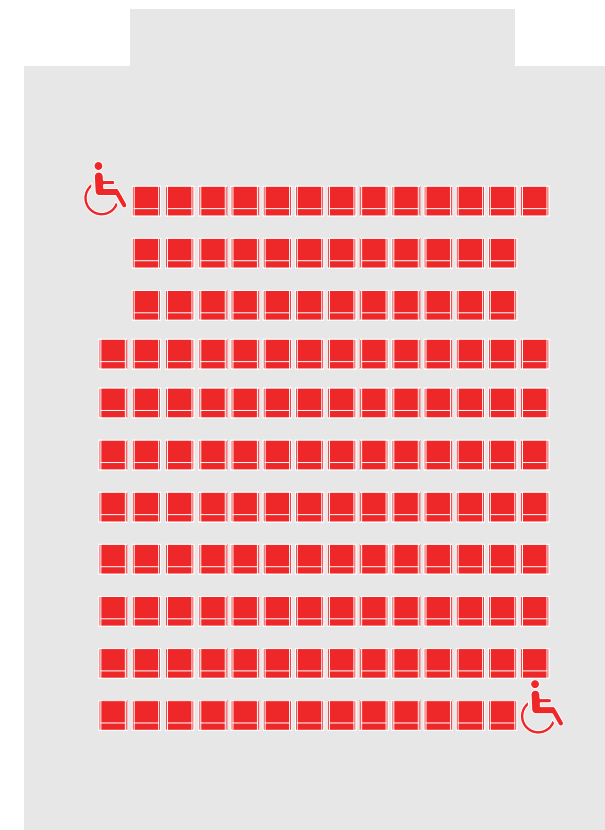


250 standing  
154 seats

then



63 seats



200 standing  
150 seats

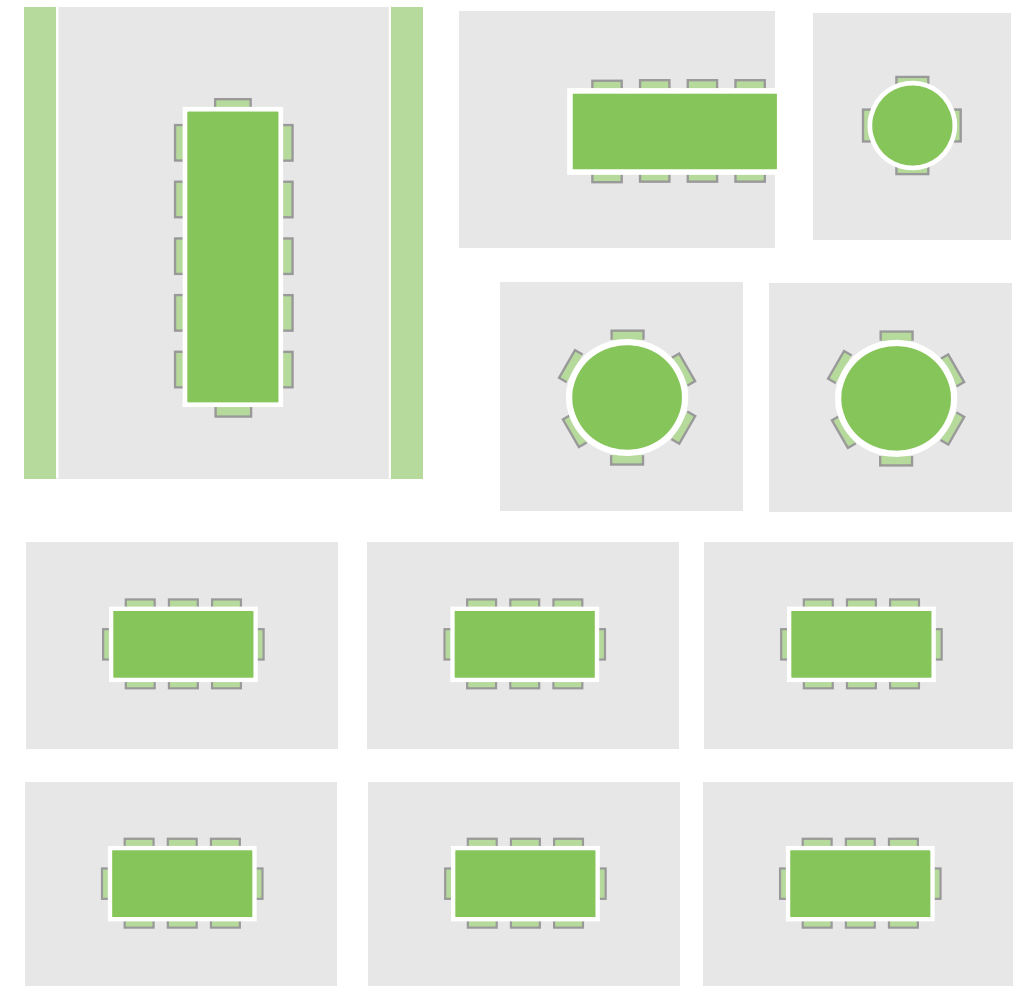
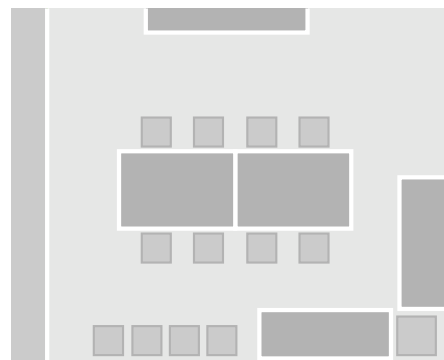
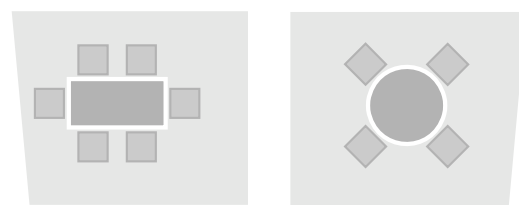
now







# MEETING ROOMS



then

now

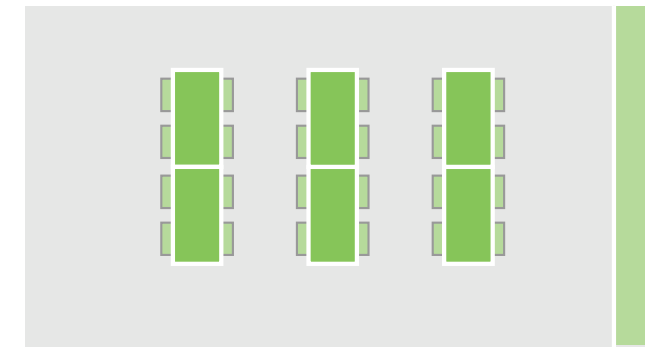






# CHILDREN'S PROGRAM ROOM

0



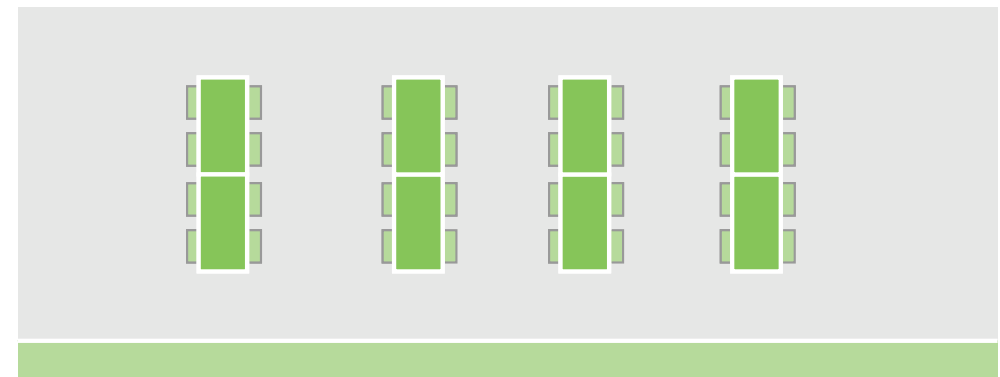
then

now



# CREATE SPACE

0

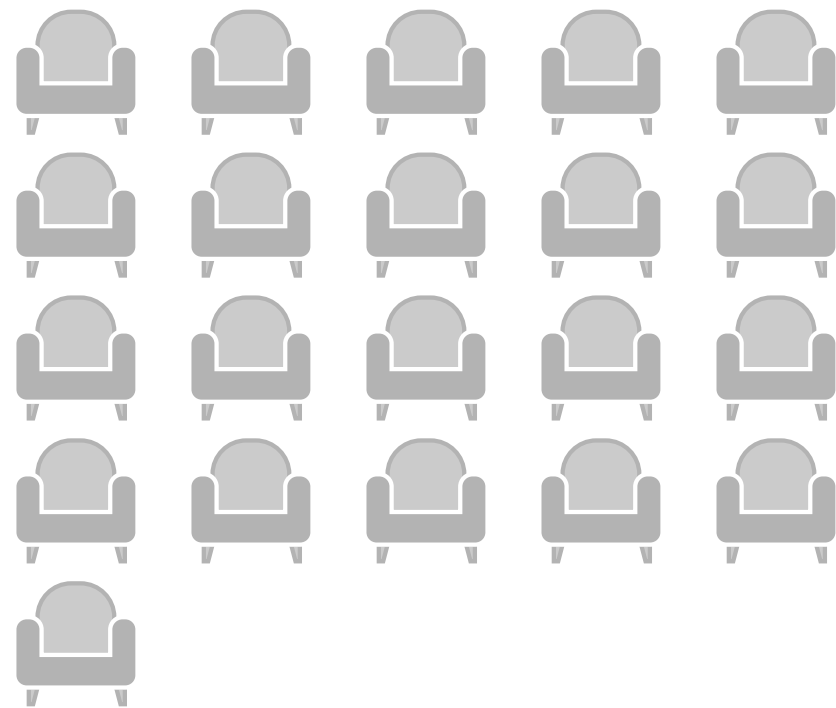


then

now

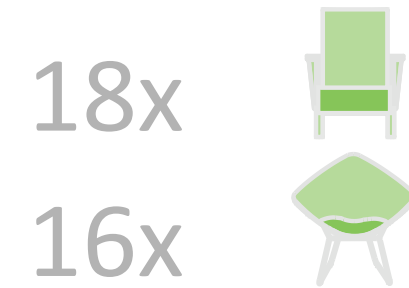


# LOUNGE SEATS



then

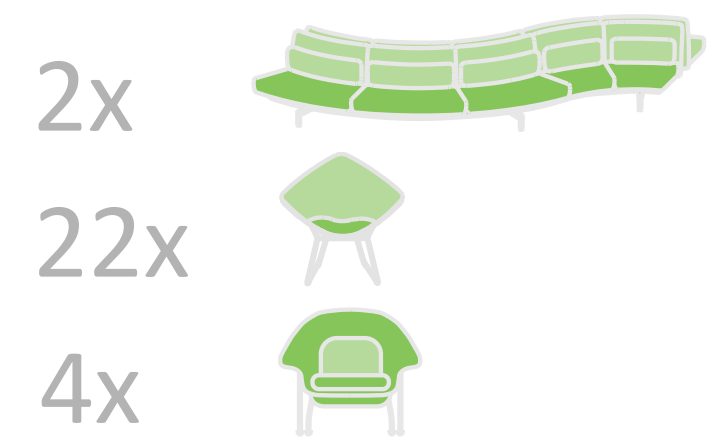
## OUTDOOR



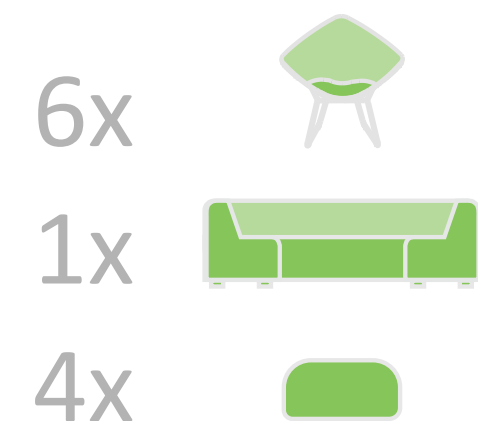
## CHILDREN



## ADULT



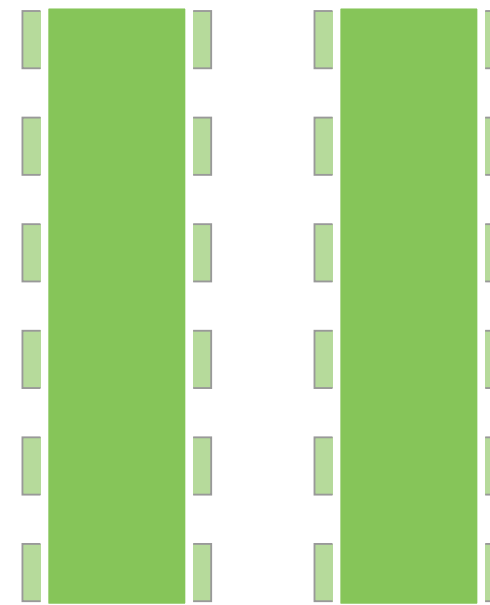
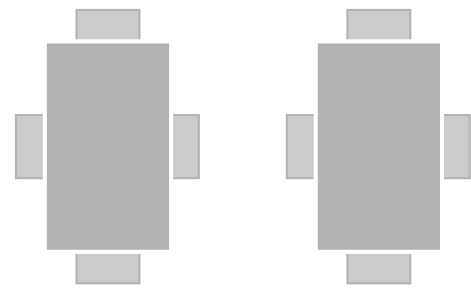
## TEEN



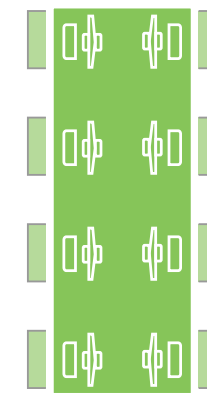
now



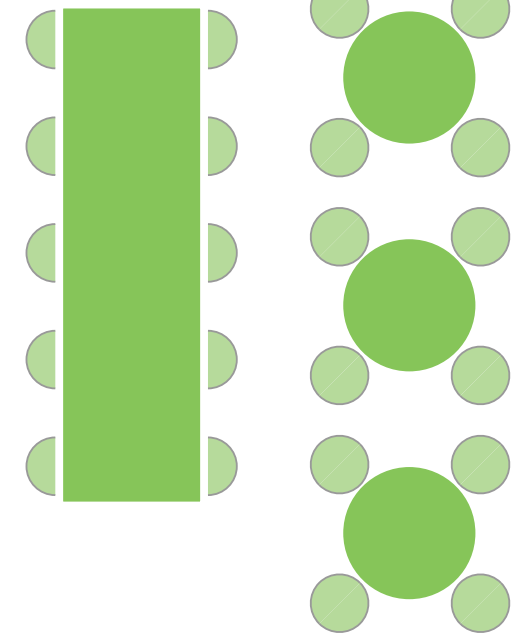
# GROUP WORK TABLES



adults



teens



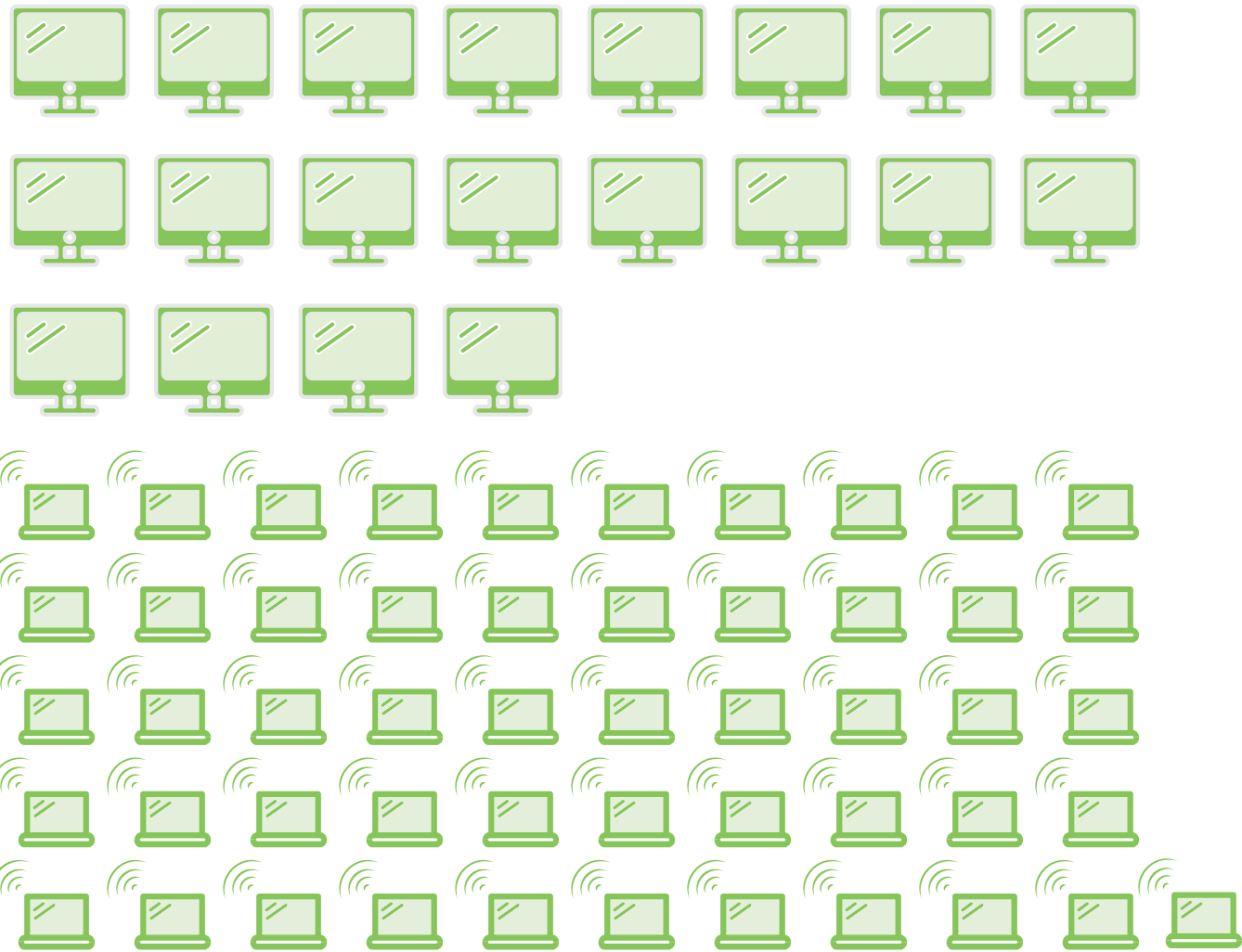
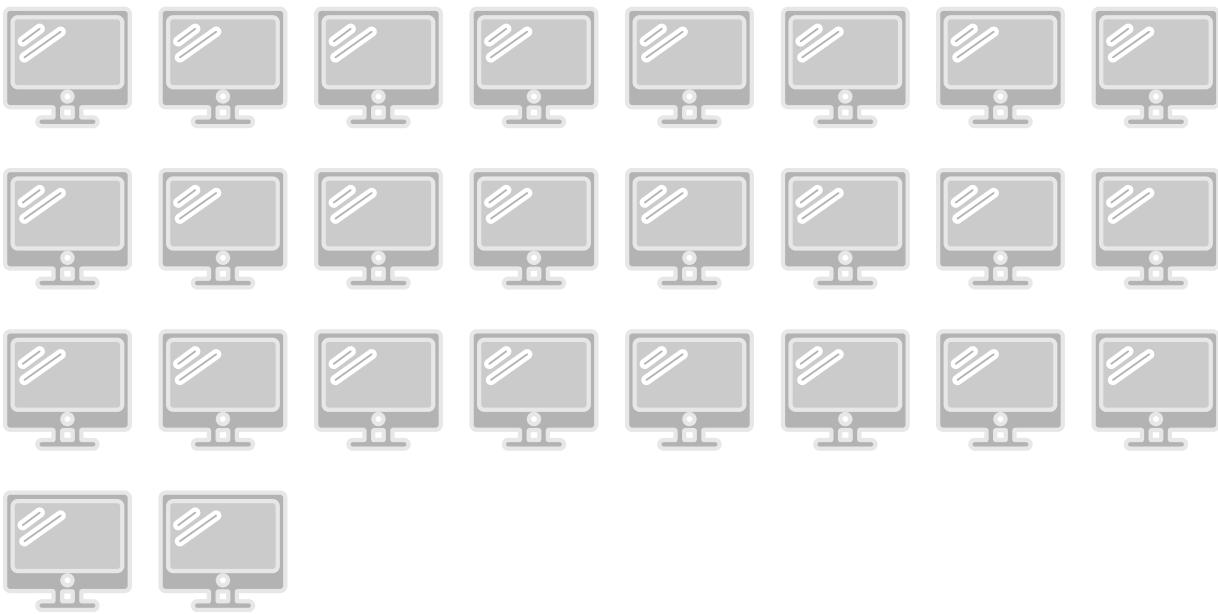
children

then

now



# COMPUTER STATIONS



then

now

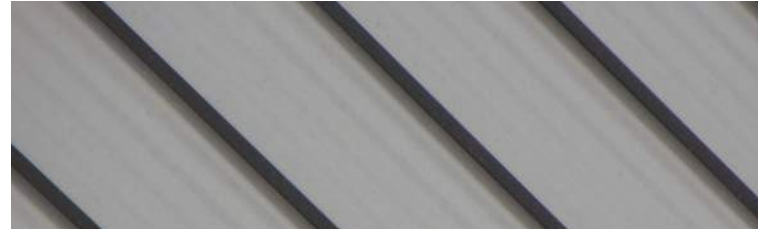


# EXTERIOR MATERIALS PALETTE

OVER HEAD

## METAL ROOFING

Standing Seam  
Aluminum Roofing  
Panel



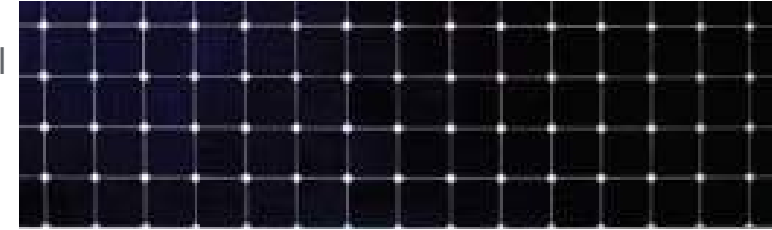
## GREEN ROOF

Extensive Green Roof  
with Accent Plants



## SOLAR PANEL

Commercial Solar Panel



WALLS

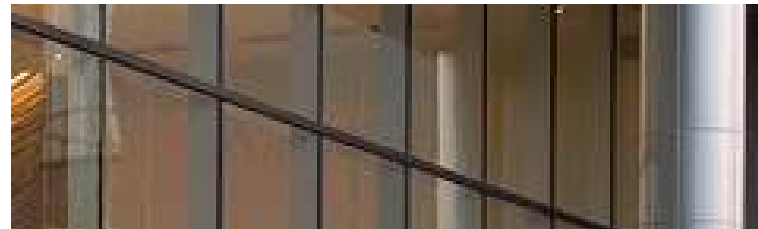
## FRIT PATTERN

Bird Friendly Ceramic  
Frit Pattern  
Custom / Standard



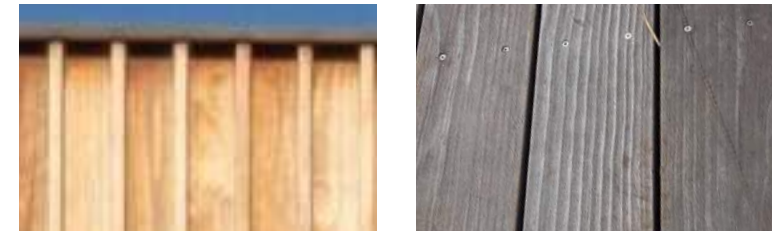
## GLAZING SYSTEM

Aluminum Exterior  
Glazing System



## WOOD BATTEN

Modified Wood Exterior  
Cladding  
New / Weathered



## BRICK

Salvaged and New to  
Match Existing



UNDERFOOT

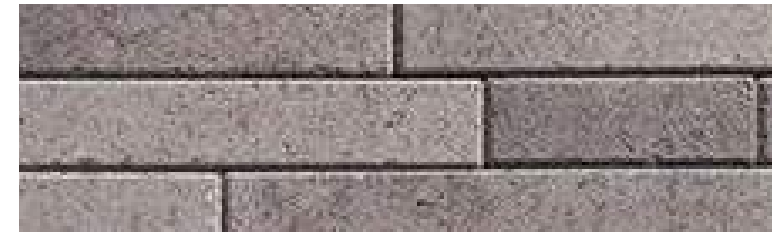
## BRICK

Entrance Path, Park  
Level Reading Terrace



## CONCRETE PAVER

Walkways, Reading  
Terrace





# EXTERIOR ELEVATIONS: Sun Studies/Winter Solstice December 21

MORNING



MID-DAY



AFTERNOON





# EXTERIOR ELEVATIONS: Sun Studies/Spring Equinox March 20

MORNING



MID-DAY



AFTERNOON





# EXTERIOR ELEVATIONS: Sun Studies/Summer Solstice June 21

MORNING



MID-DAY



AFTERNOON







MAPLEWOOD MEMORIAL

**M**  
MAPLEWOOD  
LIBRARY  
OPEN FOR ALL







# SUPERGRAPHIC AND FRIT DETAILS



BLUE JAY



PATTI SMITH



SWALLOWTAIL BUTTERFLY



RED MAPLE



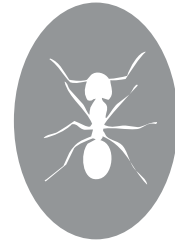
TONI MORRISON



ROBIN



SWAMP WHITE OAK



ANT



JOHN MCPHEE



SYCAMORE



ALLAN GINSBERG



SCARLET MAPLE



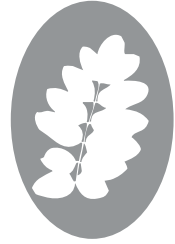
BALD EAGLE



FREDRICK L. OLMSTED



DRAGON FLY



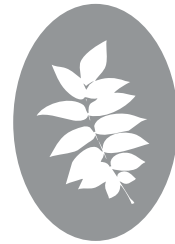
ROSE LOCUST



JOYCE C OATES



MOTH



WHITE ASH



CARDINAL



EARTHWORM



WALT WHITMAN



HARIET C ADAMS



BLACK WALNUT



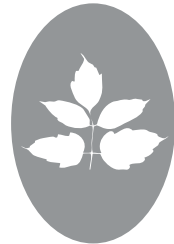
WOOD PECKER



AMERICAN ELM



HONEY BEE



BOX ELDER



SPARROW



JOHN C OLMSTED



GINGKO



GOLDFINCH



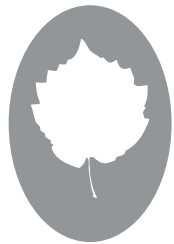
DAWN REDWOOD



POND TURTLE



BLUE HERON



TURKISH HAZELNUT



MARGARET W BROWN



KESTREL



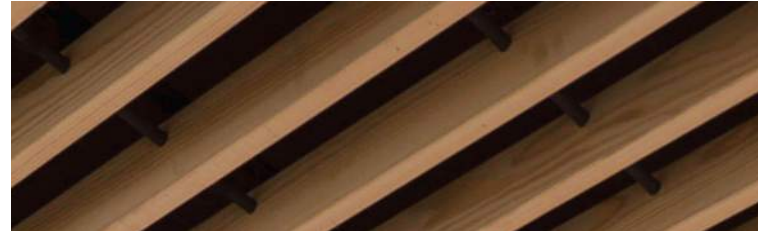
ANTELOPE BEETLE



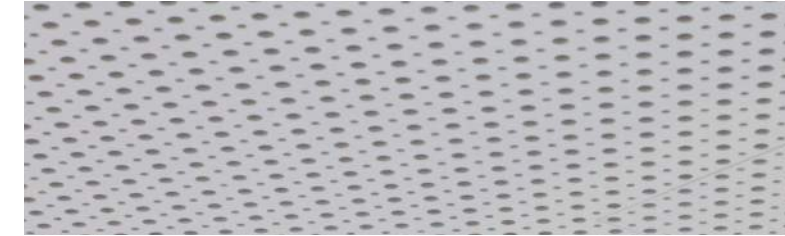
# INTERIOR MATERIALS PALETTE

OVER HEAD

**WOOD GRILLE**  
Entrance Lobby,  
1st + 2nd Floor Public  
Pathway, Forum



**PERFORATED GYPSUM BOARD**  
Second Floor Reading  
Room Vaulted Ceiling



**ACOUSTIC CEILING TILE**  
1st Floor Reading  
Rooms, Offices,  
Collaboration Rooms  
Quiet Study Rooms



**ACOUSTIC PLASTER**  
Community Room



WALLS

**CERAMIC TILE**  
Bathrooms (L)



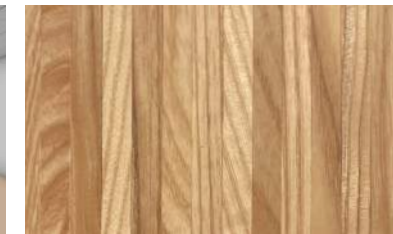
**PRECAST TERRAZO TILE**  
Bathrooms (R)



**GLASS PARTITION**  
Collaborative Rooms,  
Quiet Study Rooms (L)



**WOOD**  
Stair + Ramp Guardrails (R)

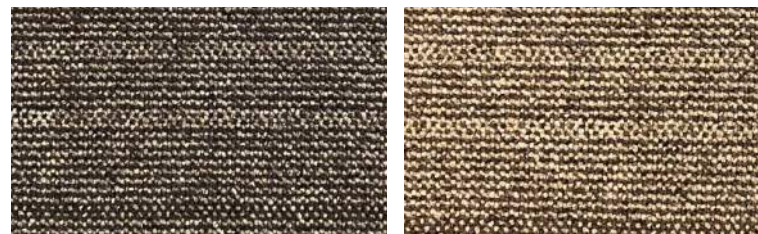


UNDERFOOT

**BRICK**  
Entrance Lobby (L)



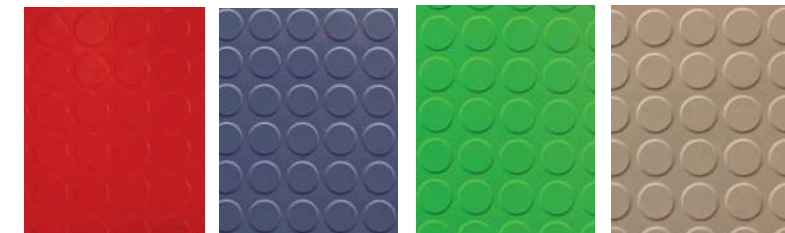
**WALK-OFF MAT**  
Vestibules (R)



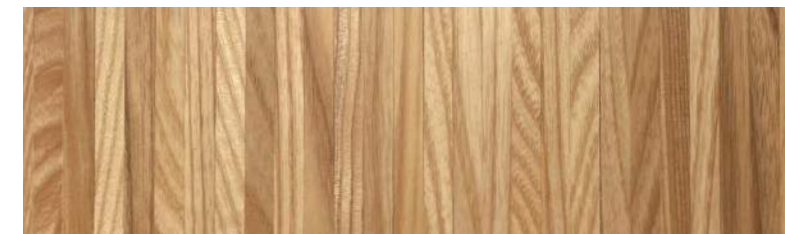
**CARPET TILE**  
Reading Rooms  
Gray Field  
Red and Blue Accents



**RUBBER FLOORING**  
Circulation Spaces,  
Staff Open Offices,  
Program Rooms,  
Storage



**EDGE GRAIN WOOD FLOORING**  
Reading Rooms, Forum



**CARPET TILE**  
Collaborative Rooms,  
Private Offices









# FIRST FLOOR PLAN: FURNITURE

**Shelving**  
MJ System 30  
Aurora



**Ash Edge Grain Wood Flooring**



**Carpet Tile**



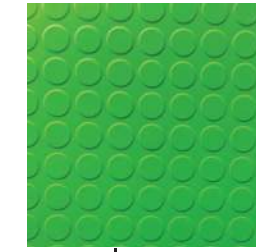
**Softworks S-Curve**  
Vitra



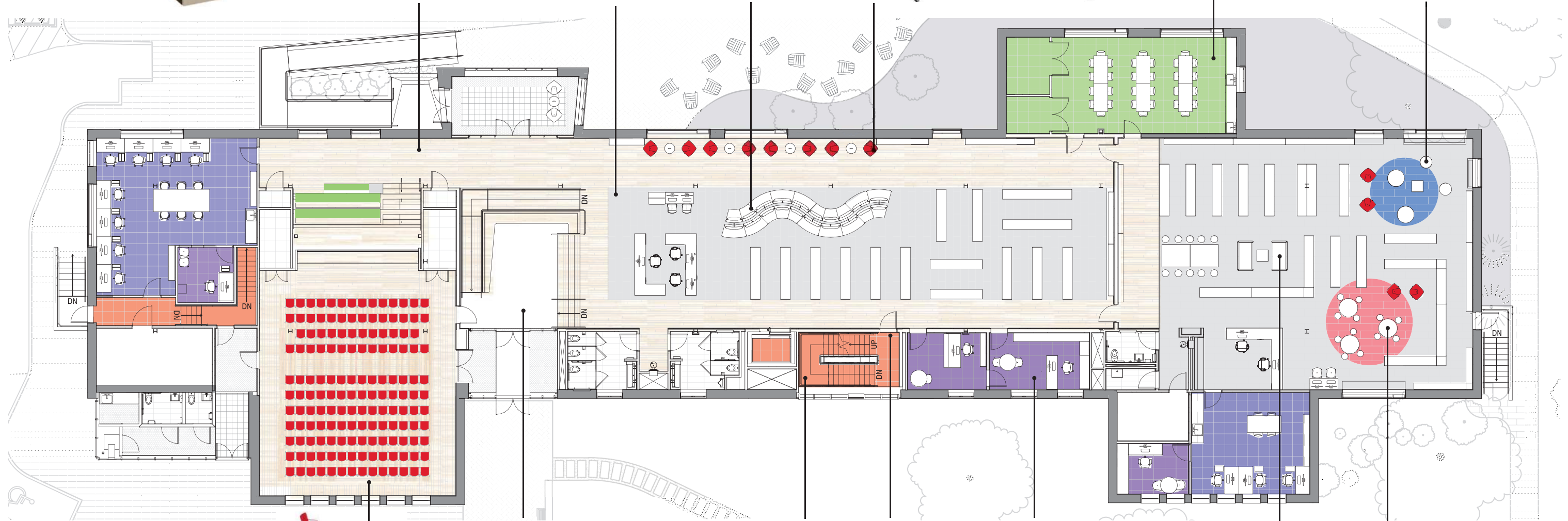
**Bertoia Diamond Chair**  
Knoll



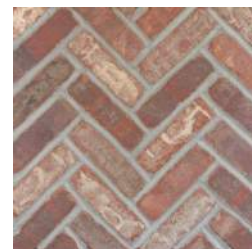
**Unscripted 22" dia. Rubber Flooring**  
Knoll



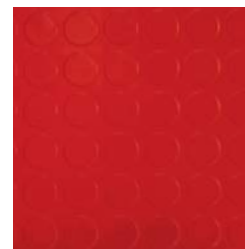
**Five XL Pouf**  
Muuto



**Catifa 46**  
Arper



**Brick Flooring**



**Rubber Flooring**



**Supergraphics**



**Carpet Tile**



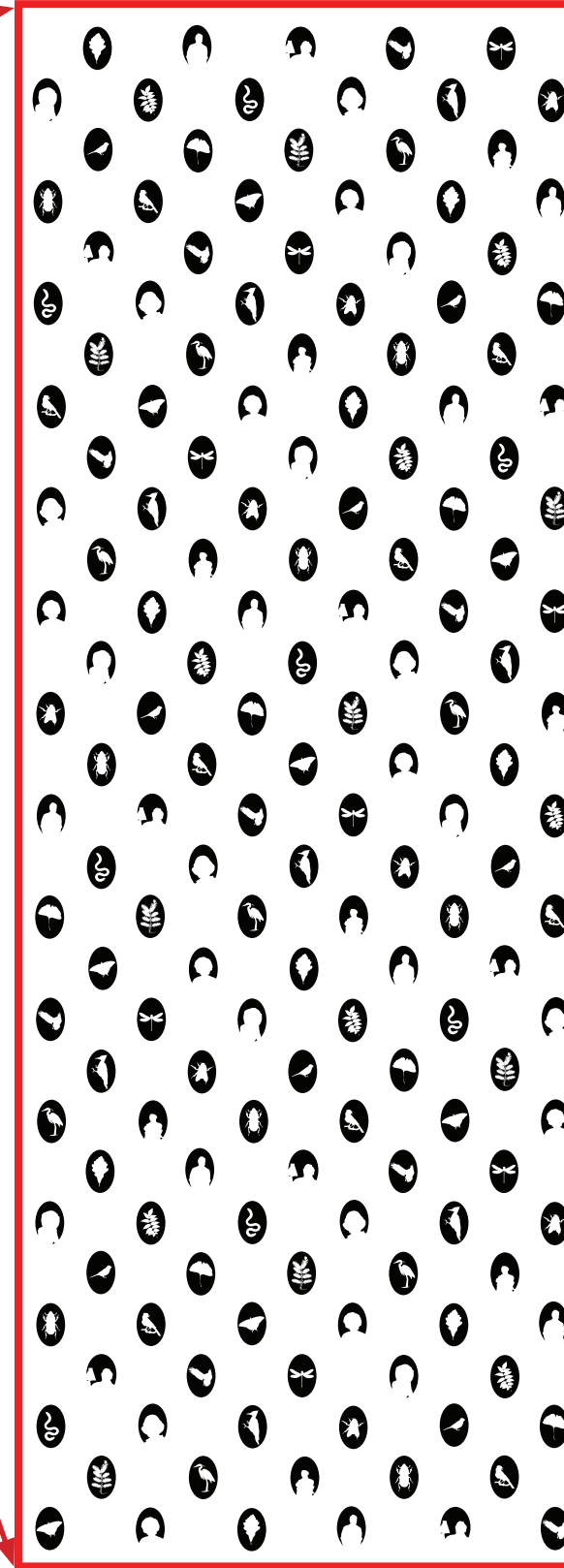
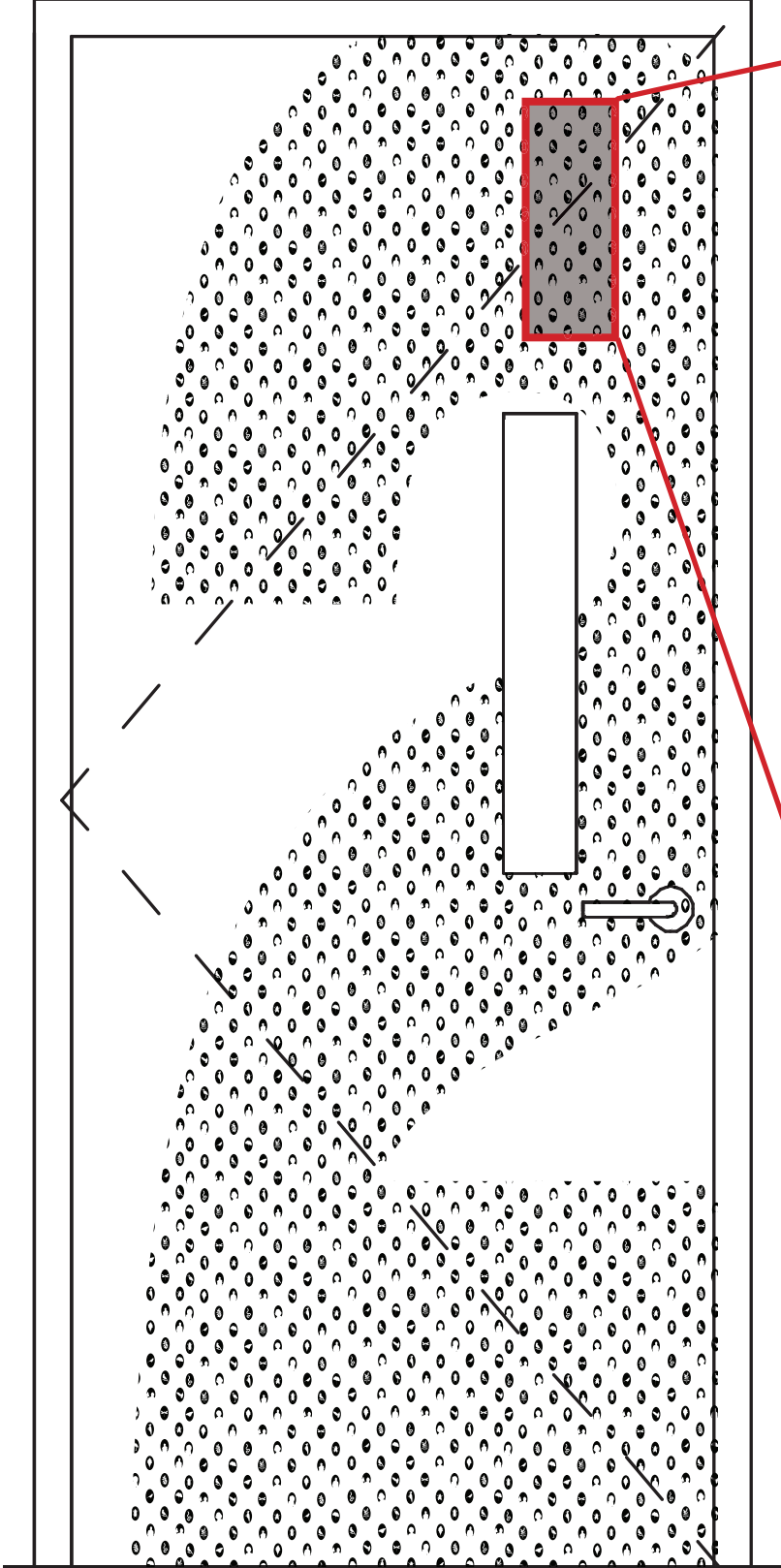
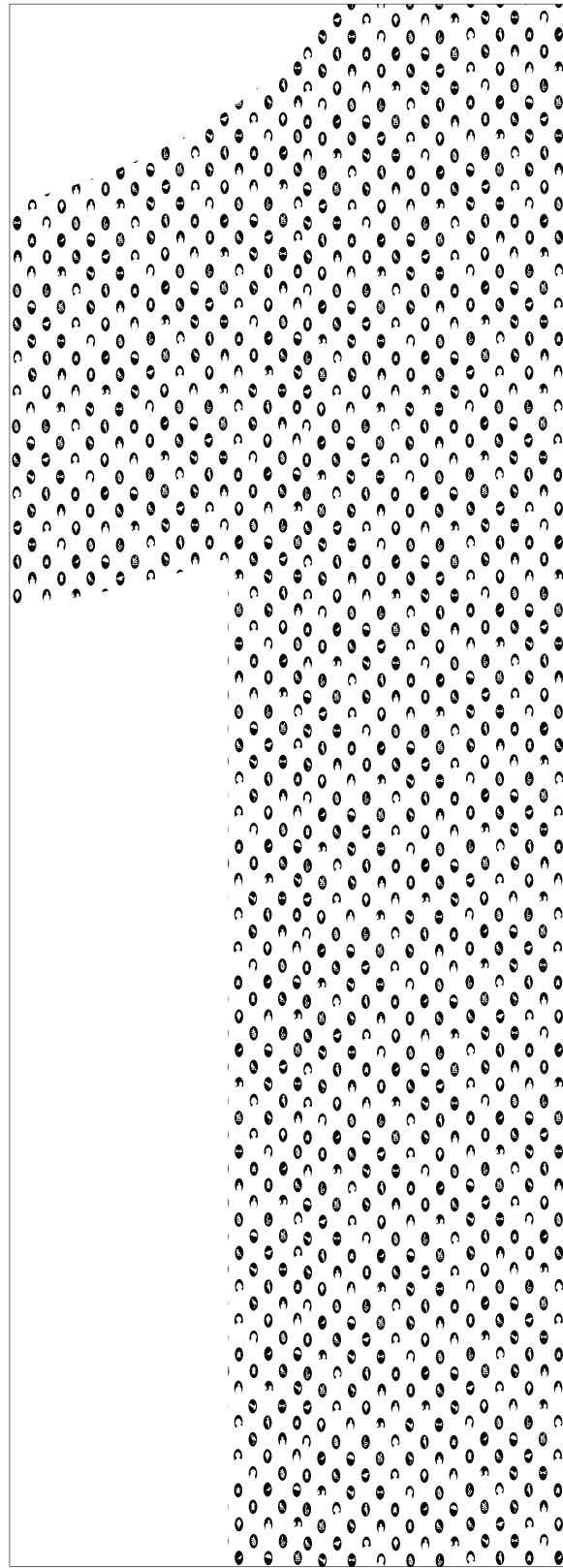
**Outline Highback**  
Muuto



**Table 90A and Chair N66**  
Vitra



# SUPERGRAPHIC AND FRIT DETAILS



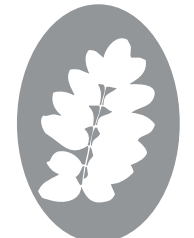
RED MAPLE



TONI MORRISON



DRAGON FLY



ROSE LOCUST



AMERICAN ELM



HONEY BEE



MARGARET W BROWN



KESTREL







# SECOND FLOOR PLAN: FURNITURE

**K Lounge**  
Knoll



**Relate Table**  
Muuto



**Bertoia Diamond Chair**  
Knoll



**Unscripted 22" dia.**  
Knoll



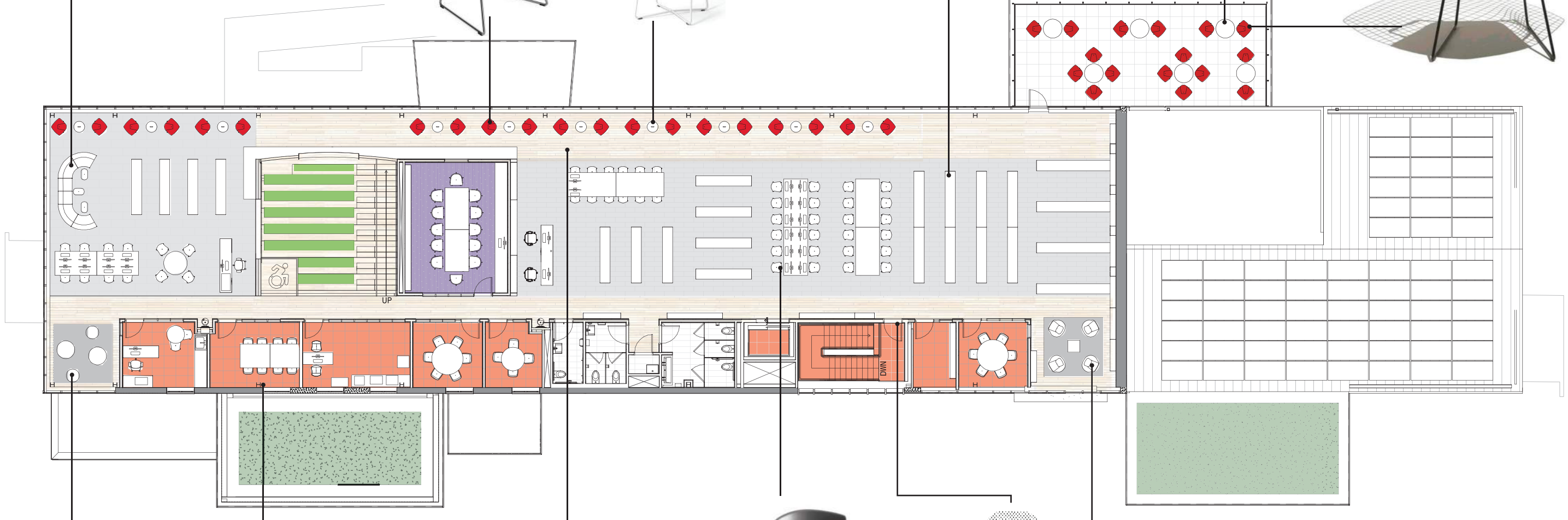
**MJ System 30**  
Aurora



**Bistro Cafe Table 38"**  
Fermob USA



**Bertoia Diamond Chair Exterior**  
Knoll



**Five XL Pouf**  
Muuto



**Eames Task Chair**  
Herman Miller



**Layout Series Project Table**  
Herman Miller



**Bertoia Molded Shell Side Chair**  
Knoll



**Supergraphics**



**Womb Chair - Medium**  
Knoll



**Power Cube 24" x 24"**  
Knoll







# BASEMENT FLOOR PLAN: FURNITURE

**Swoop**  
Herman Miller



**Dalby Coffee Table**  
Herman Miller



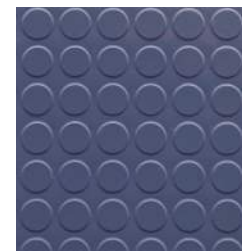
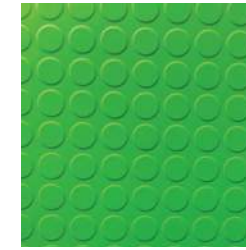
**Caper Chair**  
Herman Miller



**Maker Table**  
Falcon



**Rubber Flooring**



**Rubber Flooring**



**Layout Series Project Table**  
Herman Miller



**Eames Task Chair**  
Herman Miller



**Carpet Tile**



**sustainability**

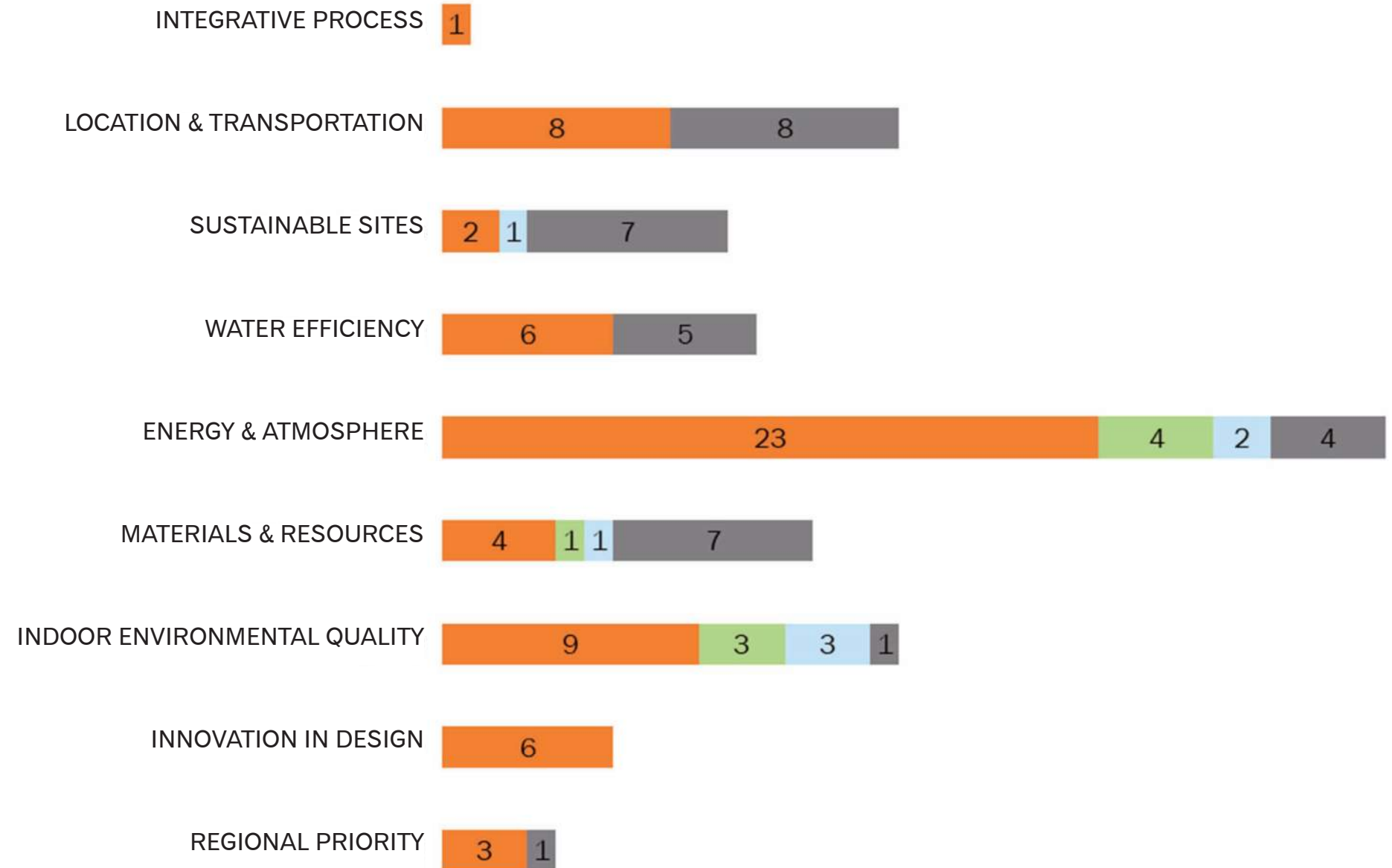
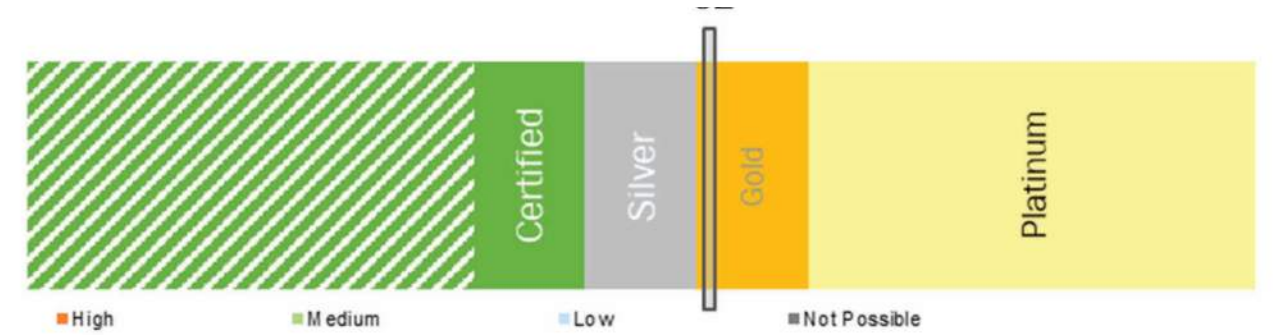


# LEEDv4 GOLD

The Maplewood Memorial Library project is on track to achieve a LEED Gold Certification under LEEDv4



Anticipated  
**LEED  
Score**





**no fossil fuels**

**all-electric building with photovoltaic array**

**55% of the library's energy usage - 169,500 KWh/year of energy**

**energy use intensity (EUI) 32 kBtu/sf**

**american institute of architects 2030 challenge**

**maximized energy efficiency**

**high performance envelope**

**efficient HVAC system**

**daylighting**

**LED fixtures**

**occupancy sensors**

**comfort controls**

**enhanced commissioning of systems and envelope**



# 37% reduced indoor water usage

low usage fixtures

water metering

planted roofs

native plantings

## user comfort

pre-occupancy flush-out for indoor air quality

thermal comfort controls

operable windows

green cleaning

## bird protection

bird-friendly glazing



**resilience**



# extratropical cyclone ida

september 1, 2021

# change of course



# EXTRATROPICAL CYCLONE IDA **STORM DAMAGE**





# already in the design

**concrete pressure slab and waterproofing**  
**site graded away from building**  
**replace and reactivate storm drainage system**  
**temporary generator connection**  
**alarmed backflow valve**  
**duplex sump pump**  
**all vents and louvers above flood elevations**  
**DOAS (dedicated outdoor air system) can dehumidify**



# township thinks BIG

**all systems moved above first floor  
openings to lower level closed**

## **additional gains**

**2 collaborative rooms**

**8 create space workstations**

**enlarged staff lounge**



landscape



# SITE PLAN







**Quercus phellos**  
**Willow Oak**



**Magnolia virginiana**  
**Sweetbay Magnolia**



**Ilex glabra 'Gem Box'**  
**Gem Box Inkberry Holly**



**Mondarda didyma 'Balmy Pink'**  
**Balmy Pink Bee Balm**



**Polygonatum biflorum**  
**Smooth Solomon's Seal**



**Osmunda cinnamomea**  
**Cinnamon Fern**



**Clethra alnifolia**  
**Summersweet**



**Cornus stolonifera 'Farrow'**  
**Red Twig Dogwood**



**Eupatorium dubium 'Little Joe'**  
**Little Joe Pye Weed**



**Rudbeckia fulgida**  
**Black-eyed Susan**



**Asclepias incarnata**  
**Swamp Milkweed**



**Carex pensylvanica**  
**Pennsylvania Sedge**



**Cephalanthus occidentalis 'Sugar Shack'**  
**Dwarf Sugar Shack Buttonbush**



**Fothergilla gardenii**  
**Dwarf Fothergilla**



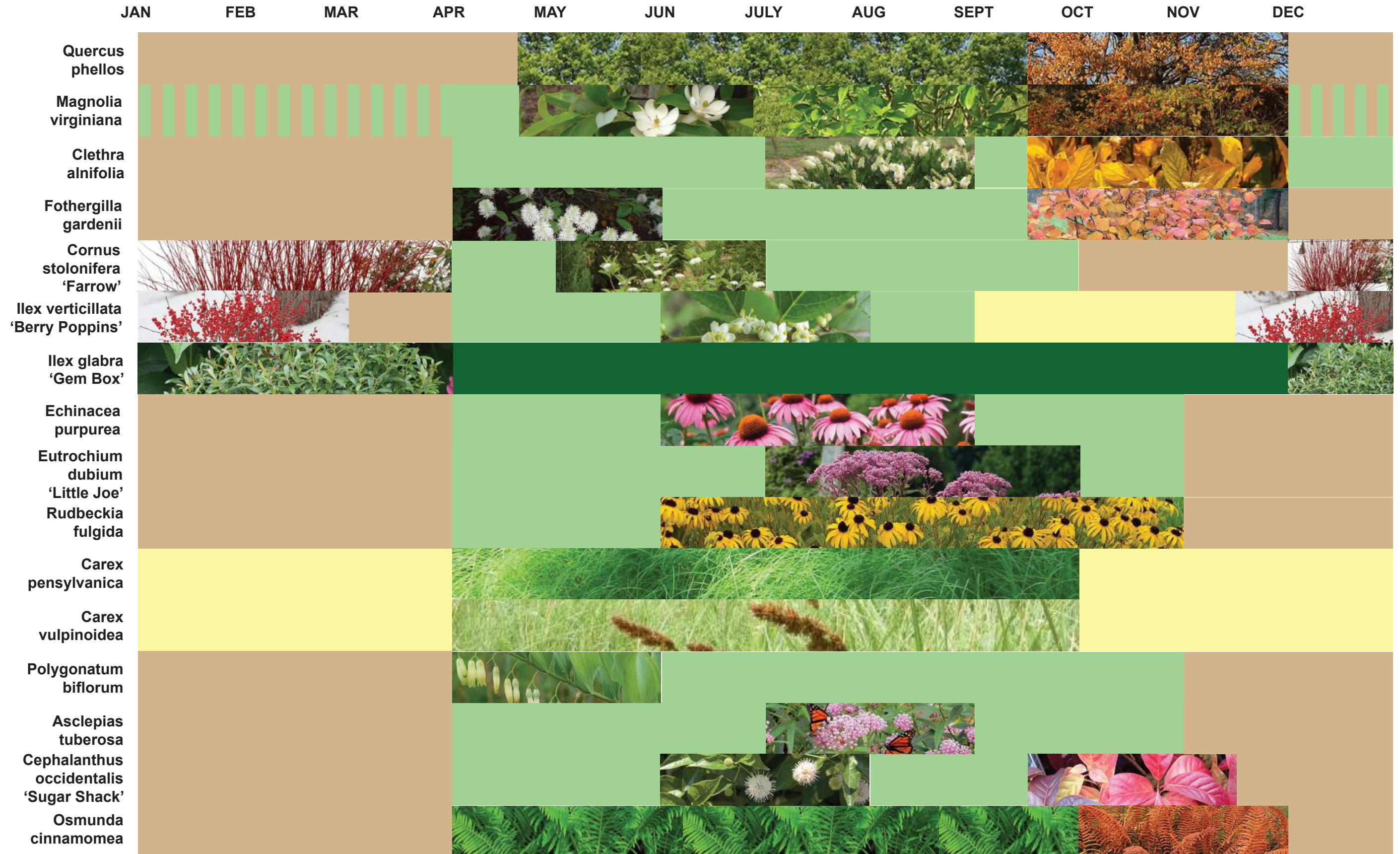
**Echinacea purpurea**  
**Purple Coneflower**



**Carex vulpinoidea**  
**Fox Sedge**



# SEASONAL LANDSCAPE INTEREST SCHEDULE





# LANDSCAPE FURNITURE ELEMENTS



**Bertoia Diamond Chair**  
Reading Terrace



**Fermob Table**  
Reading Terrace



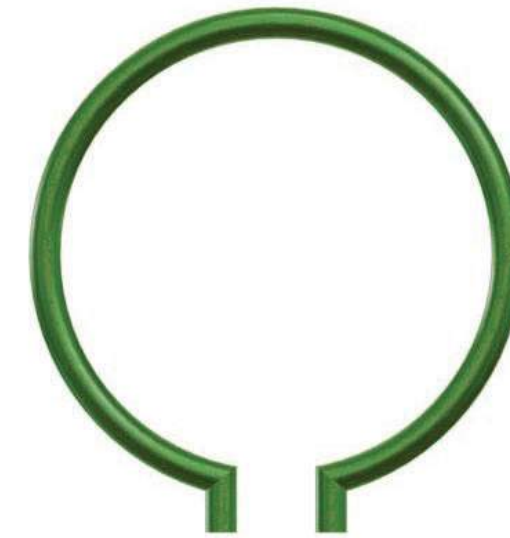
**Loll Designs Adirondack Chair**  
Ground Level Reading Terrace



**Generation 50 Bench** by Landscape Forms



**BEGA Pole Light**



**Madrax Bike Rack - OPAL**



**“if you have a garden  
and a library, you have  
everything you need”  
- cicero**







**next steps**









Asher B Durand