



IFMA Building Tour

THE MAIN LIBRARY AT GOODWOOD

a library in the park ~ a park in the library

07.15.2014



PARKING 1 (324)

COLLABORATIVE PROJECT TEAM

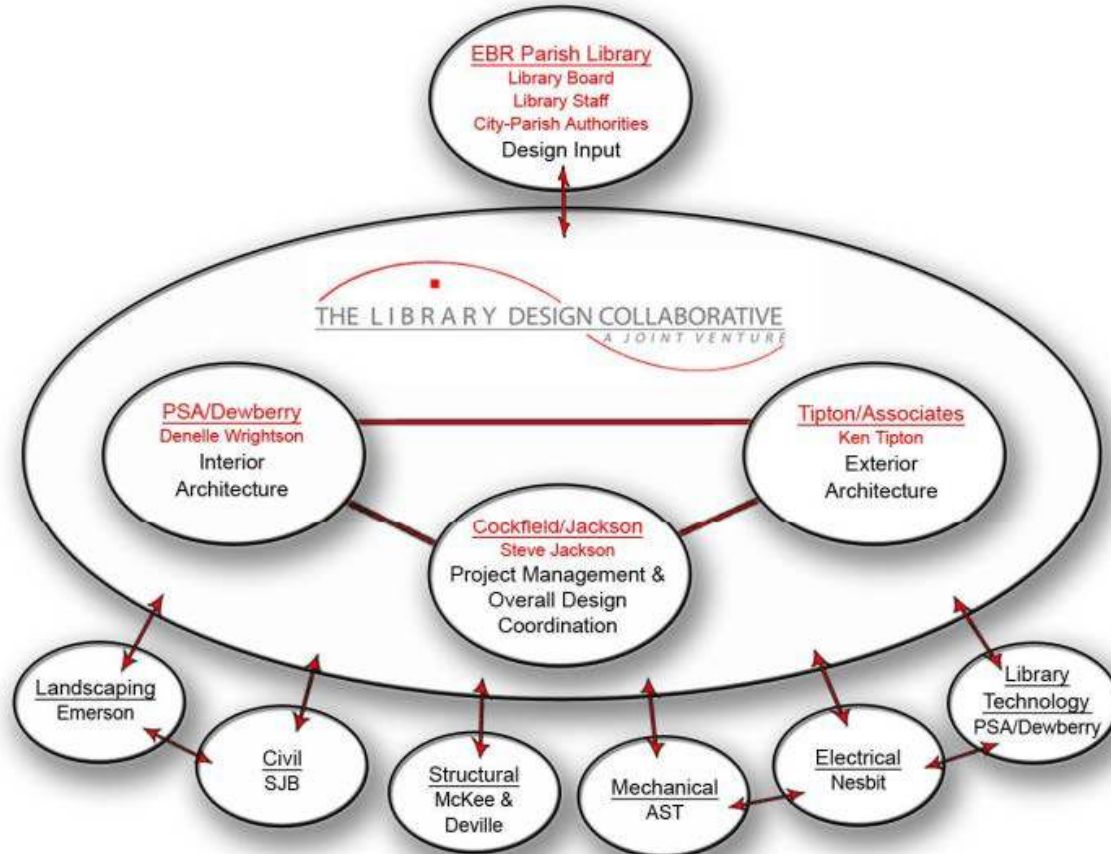
The location of the library and its development within Independence Park is a collaboration between the East Baton Rouge Parish Library and BREC.

In conjunction with East Baton Rouge Division of Architectural Services, the EBRP Library has developed the New Main library building while BREC has developed the Cafe.

The site development included in this project (the new parking lot, the plaza, and the loading dock areas) is part of a joint venture between the two entities.



COLLABORATIVE DESIGN TEAM



COLLABORATIVE DESIGN TEAM

A JOINT VENTURE
THE LIBRARY DESIGN COLLABORATIVE
COCKFIELD JACKSON | TIPTON ASSOCIATES | PSA DEWBERRY

COCKFIELD JACKSON
architecture ■ interior design ■ planning

 **Dewberry**[®]

 **TIPTON ASSOCIATES**

Project Management
and Overall Design
Coordination

Interior Architecture

Exterior Architecture

A JOINT VENTURE
THE LIBRARY DESIGN COLLABORATIVE
COCKFIELD JACKSON | TIPTON ASSOCIATES | PSA DEWBERRY

PARKING 1 (324)

PROJECT TEAM



COLLABORATIVE DESIGN TEAM

Our Design Team includes:

- *JON EMERSON AND ASSOCIATES*, Landscape Architect
- SJB Group, Civil Engineer
- *MCKEE AND DEVILLE CONSULTING ENGINEERS*, Structural Engineer
- *ASSOCIATED DESIGN GROUP (ADG)*, Mechanical, Plumbing, and Fire Protection Engineer
- *NESBIT AND ASSOCIATES*, Electrical Engineer
- *PSA-DEWBERRY*, AV Engineer

LEED Administrators:

Additionally the city hired *CHENEVERT AND ASSOCIATES* as the LEED Administrators with *THOMPSON AND ASSOCIATES* as the commissioning agents.

COLLABORATIVE CONSTRUCTION TEAM

Under budget by \$35,410,000, Milton J. Womack signed a contract for a total of \$35,562,767.50 The notice to proceed is dated November 1, 2011.

Since that time there change order total has been \$85,375 or less than 1%.

The project is projected to be complete September 15th of this year.

Some of the major Subcontractors included:

- *MARCHAND CONSTRUCTION, Civil*
- *ELLIS STEEL, Steel*
- *MARINO AND SONS, Plumbing*
- *AIRTROL, HVAC*
- *SAIA, Electrical*
- *LA GLASS Curtainwall and Glazing*
- *THORNCO, Framing, Gyp. Board, Ceilings*
- *ROOF TECH TPO, Vegetative Roofing, Zinc Wall and Roof Panels*



MILTON J.
Womack
INC
GENERAL CONTRACTOR

ction of information, sources, resources, and services: it is organized for use and maintained by a public body, an institution, or a private individual. In the more traditional sense, a library is a collection of books. This collection and s
- or cannot afford to purchase an entire collection themselves, with the general no individual can reasonably be expected to do. They do require professional assistance with their research. However, with the collection of med
tion, many libraries are now also repositories and access points for maps, charts, and other documents and artifacts. Various storage media such as microform (microfilm/microfiche), audiotapes, CD-ROMs, cassettes, videotapes, and DVD
to access CD-ROMs, information databases, and the Internet. Thus, modern libraries are increasingly being designed in places that are more user-friendly and accessible. In addition to providing
pecialists, libraries also employ experts at the level of organizing information and interpreting information needs. More recently, librarians have been providing material accessible
g the assistance of librarians in navigating and analyzing tremendous amounts of knowledge with a variety of digital tools. The term library has thus acquired a secondary meaning: a collection of useful material for common use, an
er science, mathematics and statistics, electronics and biology. Library is a collection of information, sources, resources, and services: it is organized for use and maintained by a public body, an institution, or a private individual. In the

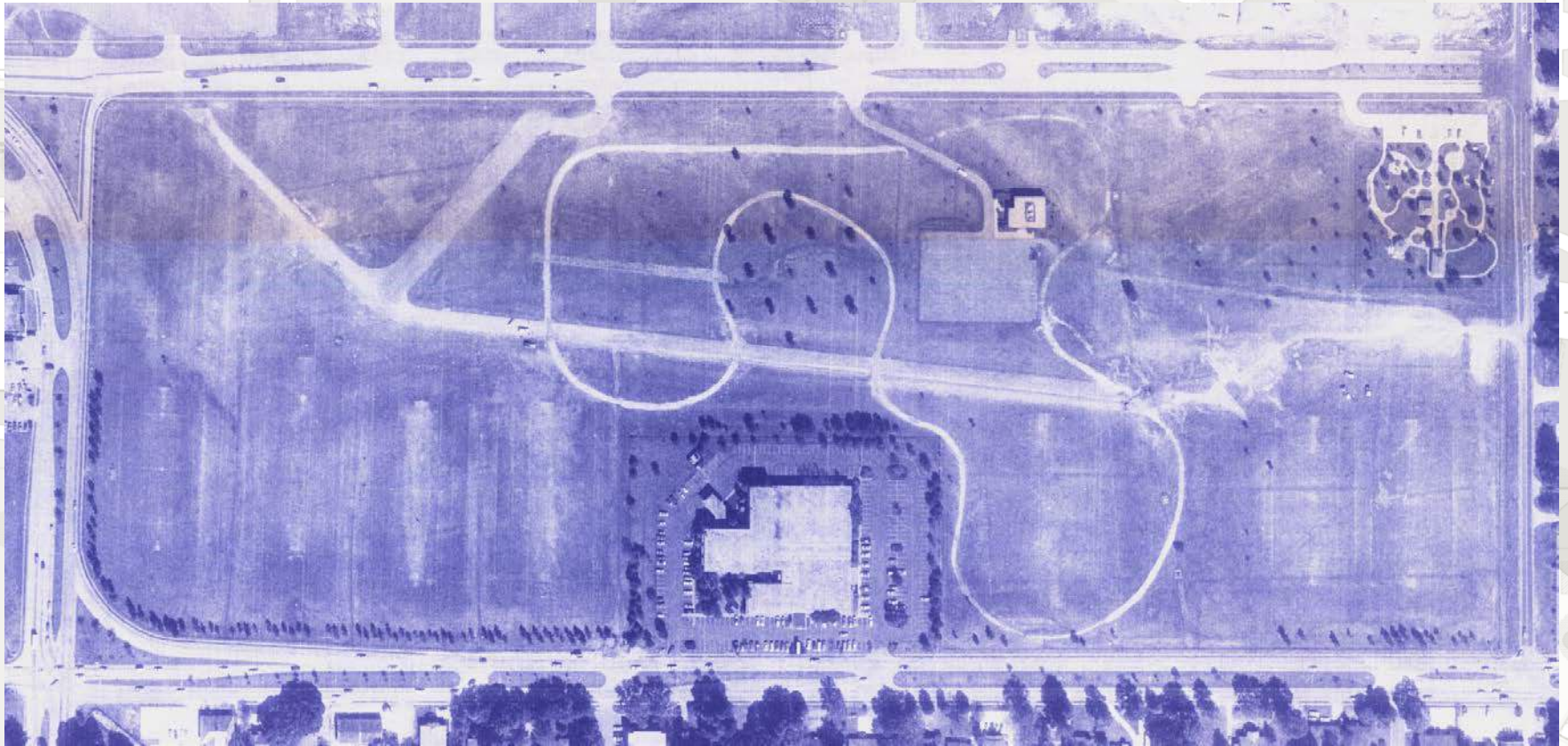
GUIDING principles

At the beginning of the project in conjunction with representatives of the Library, BREC, and the City, the Design Team developed set of guiding principles to which we have referred throughout the design process. The building design reflects these principles.

- **SEAMLESS:** Eliminate barriers; Holistic, organic interdependence; Integrate gardens, library, and park; Integrate building and park
- **THOUGHT PARK:** Exercise for the mind and the body; Make learning fun; Learning centered and mentally engaging activities; Leisure education.
- **UNIFY:** Draw the community together; Appeal to all ages; Community experience; Shared experience of special interest groups.
- **UNIQUE:** Synergy between quality cultural attractions; Place of appreciation; Personify community aspirations; Blend of beauty, education, and fun.

a library in the park ~ a park in the library

GARDENS



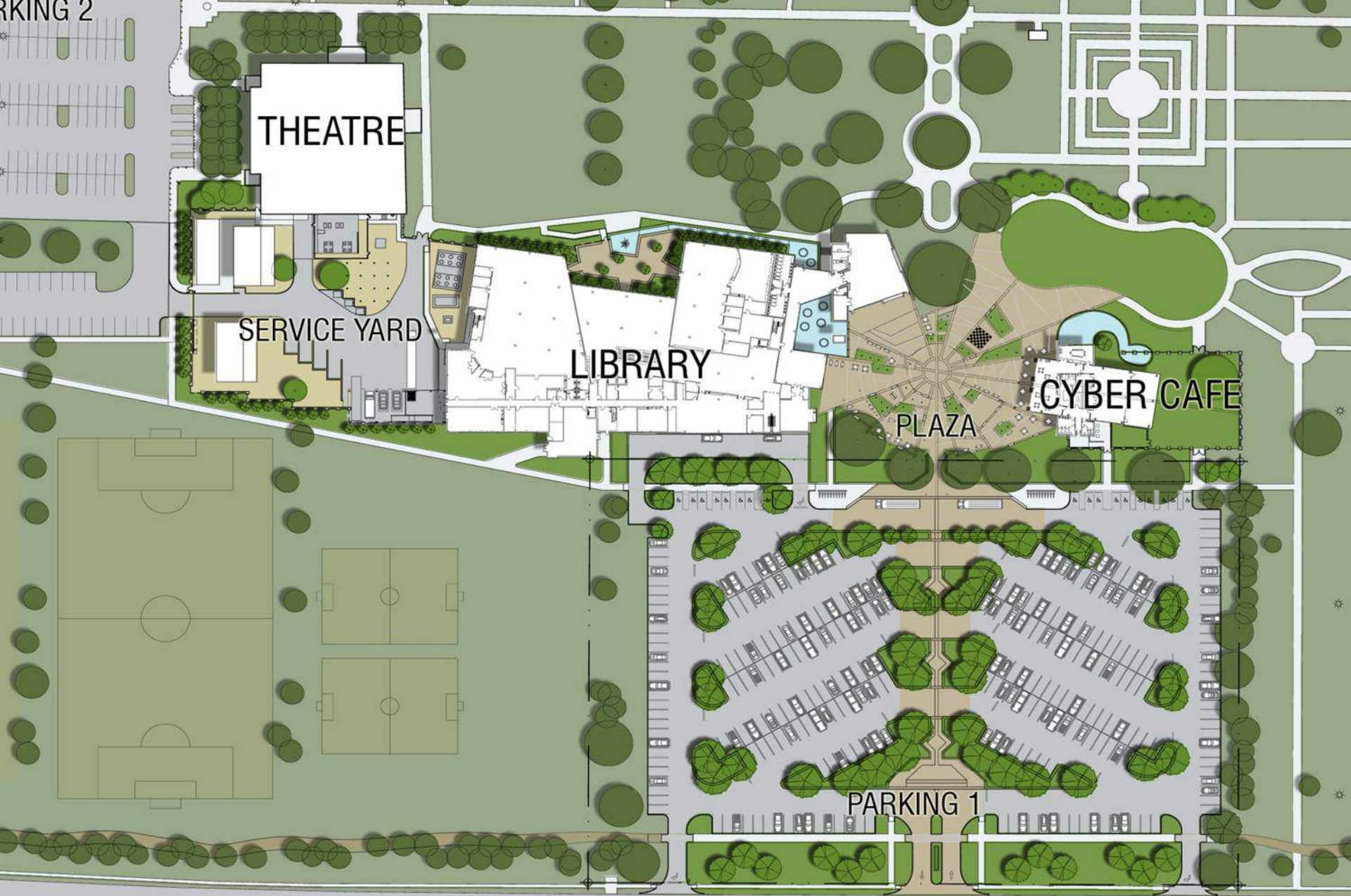
TEACH
GARD







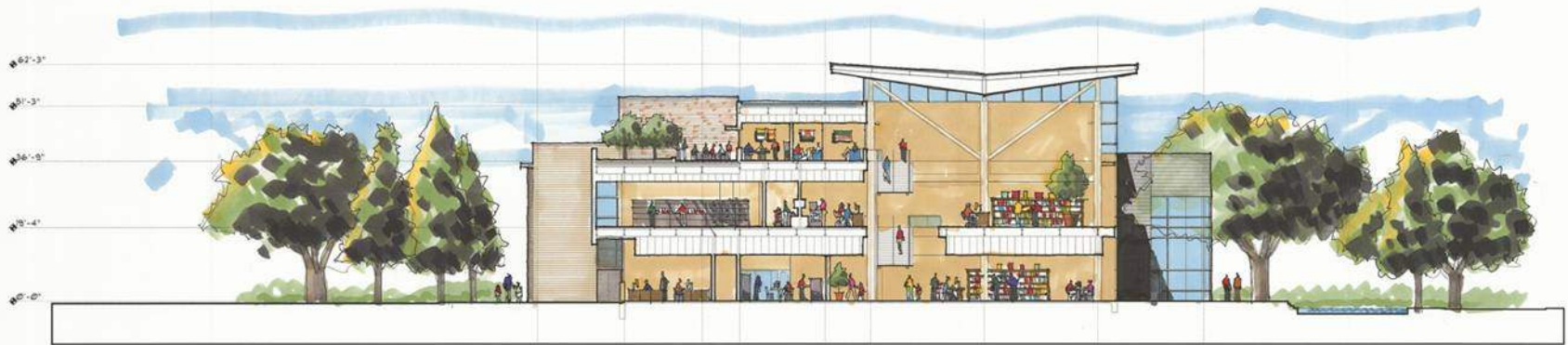
The new library's siting and design eliminates barriers and integrates the building within the park. After parking, the community is drawn together into a path that leads to the plaza. The plaza provides access to the Library, the Park, and the Cyber Café while being a destination, itself, for interacting, reading, playing, and watching.

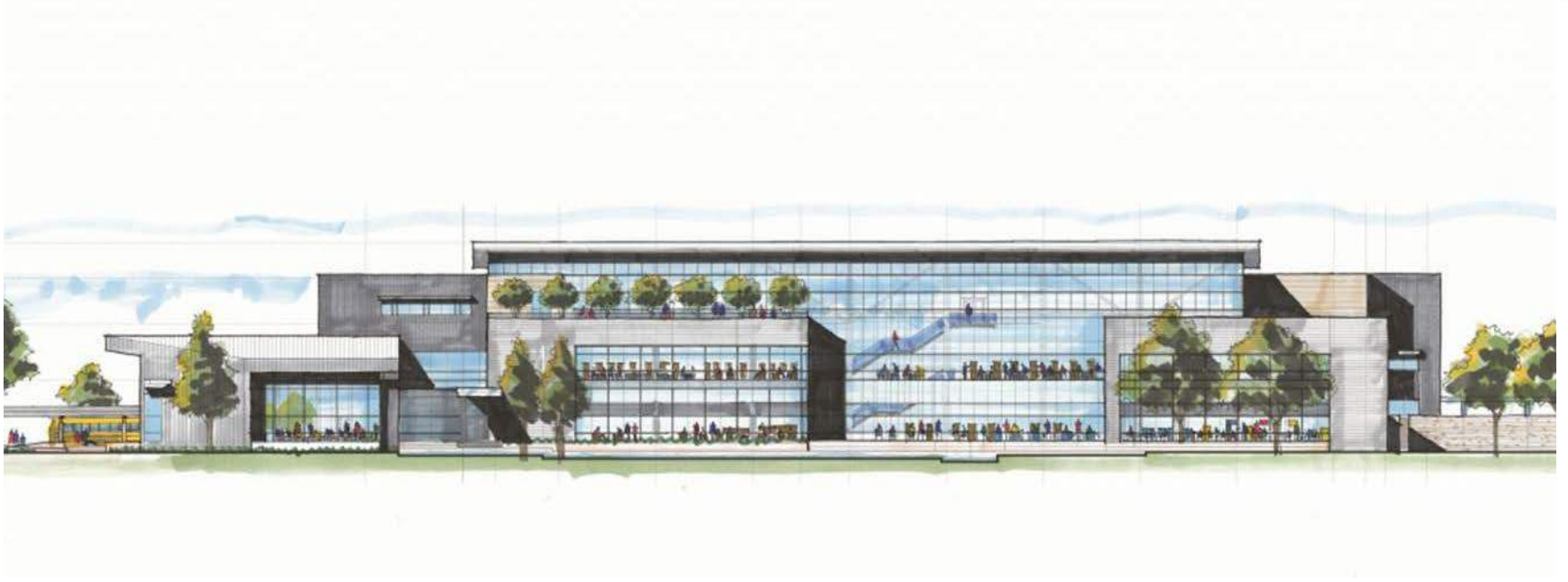




The exterior building materials are both natural and durable. Local St. Joe brick with its warm pink-beige hue and dark iron ore spots are used in conjunction with zinc panels, ground face cmu, and a combination of especially clear and slightly tinted green glass.









WEST ELEVATION



EAST ELEVATION



LEGEND:

- CHILDREN'S
- TEENS
- AUDIO/VISUAL MEDIA
- PERIODICALS
- WORLD LANGUAGES
- CAREER CENTER
- PUBLIC SPACES
- STAFF AREAS
- ELEVATORS & STAIRS
- BUILDING UTILITIES

55,640 S.F. | 127,295 TOTAL S.F.



- LEGEND:**
- FICTION
 - NON FICTION
 - GENEALOGY
 - PUBLIC SPACES
 - STAFF AREAS
 - ELEVATORS & STAIRS
 - BUILDING UTILITIES

49,330 S.F.



LEGEND:

- PUBLIC SPACES
- STAFF AREAS
- ELEVATORS & STAIRS
- BUILDING UTILITIES
- GREEN ROOF

22,325 S.F.



The interior building materials and colors provide distinct color schemes for the distinct uses of the building. The children's area colors are bold and varied while the teen's area colors are more sophisticated. Similarly, genealogy's colors are deep and rich while the remainder of the building will have a foundation of warm neutrals that will coordinate with the other color schemes.

Technical Solutions

- Solar studies and solar protection
 - General building orientation and form
 - 3 types of solar shades
 - White roof
 - High performance glazing
 - Increased insulation
- Green roof
- Acoustic solutions –
 - Perforated ceiling panels
 - Acoustic Plaster systems- baswaphon,
 - Acoustic wood veneer panels
- Specialty interior materials-
 - Lights at children’s entry
 - Barrisol



**LEED 2009 for New Construction and Major Renovation
Project Scorecard**

Project Name: Independence Park Library
Project Address: Goodwood, Baton Rouge

25 1 2 SUSTAINABLE SITES 26 Points

1	Prereq 1	Construction Activity Pollution Prevention	Required
1	Credit 1	Site Selection	1
5	Credit 2	Development Density and Community Connectivity	5
1	Credit 3	Brownfield Redevelopment	1
1	Credit 4.1	Alternative Transportation - Public Transportation Access	1
1	Credit 4.2	Alternative Transportation - Bicycle Storage and Changing Rooms	1
3	Credit 4.3	Alternative Transportation - Low-Emitting and Fuel-Efficient Vehicles	3
2	Credit 4.4	Alternative Transportation - Parking Capacity	2
1	Credit 5.1	Site Development - Protect or Restore Habitat	1
1	Credit 5.2	Site Development - Maximize Open Space	1
1	Credit 6.1	Stormwater Design - Quantity Control	1
1	Credit 6.2	Stormwater Design - Quality Control	1
1	Credit 7.1	Heat Island Effect - Nonroof	1
1	Credit 7.2	Heat Island Effect - Roof	1
1	Credit 8	Light Pollution Reduction	1

4 3 2 WATER EFFICIENCY 10 Points

1	Prereq 1	Water Use Reduction	Required
2	Credit 1	Water Efficient Landscaping	2 to 4
1	Credit 2	No Potable Water Use or Irrigation	4
2	Credit 3	Innovative Wastewater Technologies	2 to 4
1	Credit 3	Water Use Reduction	2
1	Credit 3	Water Use Reduction	3
1	Credit 3	Water Use Reduction	4

14 5 5 ENERGY & ATMOSPHERE 35 Points

1	Prereq 1	Fundamental Commissioning of Building Energy Systems	Required
1	Prereq 2	Minimum Energy Performance	Required
1	Prereq 3	Fundamental Refrigerant Management	Required
1	Credit 1	Optimize Energy Performance	1 to 19
1	Credit 1	Improve by 12% for New Buildings or 8% for Existing Building Renovations	1
1	Credit 1	Improve by 14% for New Buildings or 10% for Existing Building Renovations	2
1	Credit 1	Improve by 16% for New Buildings or 12% for Existing Building Renovations	3
1	Credit 1	Improve by 18% for New Buildings or 14% for Existing Building Renovations	4
1	Credit 1	Improve by 20% for New Buildings or 16% for Existing Building Renovations	5
1	Credit 1	Improve by 22% for New Buildings or 18% for Existing Building Renovations	6
1	Credit 1	Improve by 24% for New Buildings or 20% for Existing Building Renovations	7
1	Credit 1	Improve by 26% for New Buildings or 22% for Existing Building Renovations	8
1	Credit 1	Improve by 28% for New Buildings or 24% for Existing Building Renovations	9
1	Credit 1	Improve by 30% for New Buildings or 26% for Existing Building Renovations	10
1	Credit 1	Improve by 32% for New Buildings or 28% for Existing Building Renovations	11
1	Credit 1	Improve by 34% for New Buildings or 30% for Existing Building Renovations	12
1	Credit 1	Improve by 36% for New Buildings or 32% for Existing Building Renovations	13
1	Credit 1	Improve by 38% for New Buildings or 34% for Existing Building Renovations	14



**LEED 2009 for New Construction and Major Renovation
Project Scorecard**

Project Name: Independence Park Library
Project Address: Goodwood, Baton Rouge

15 1 1 MATERIALS & RESOURCES 14 Points

1	Prereq 1	Storage and Collection of Recyclables	Required
1	Credit 1.1	Building Reuse - Maintain Existing Walls, Floors and Roof	1 to 3
1	Credit 1.1	Reuse 55%	1
1	Credit 1.1	Reuse 75%	2
1	Credit 1.1	Reuse 95%	3
1	Credit 1.2	Building Reuse - Maintain Interior Nonstructural Elements	1
1	Credit 2	Construction Waste Management	1 to 2
1	Credit 2	50% Recycled or Salvaged	1
1	Credit 2	75% Recycled or Salvaged	2
1	Credit 3	Materials Reuse	1 to 2
1	Credit 3	Reuse 5%	1
1	Credit 3	Reuse 10%	2
1	Credit 4	Recycled Content	1 to 2
1	Credit 4	10% of Content	1
1	Credit 4	20% of Content	2
1	Credit 5	Regional Materials	1 to 2
1	Credit 5	10% of Materials	1
1	Credit 5	20% of Materials	2
1	Credit 6	Rapidly Renewable Materials	1
1	Credit 7	Certified Wood	1

10 2 3 INDOOR ENVIRONMENTAL QUALITY 15 Points

1	Prereq 1	Minimum Indoor Air Quality Performance	Required
1	Prereq 2	Environmental Tobacco Smoke (ETS) Control	Required
1	Credit 1	Outdoor Air Delivery Monitoring	1
1	Credit 2	Increased Ventilation	1
1	Credit 3.1	Construction Indoor Air Quality Management Plan - During Construction	1
1	Credit 3.2	Construction Indoor Air Quality Management Plan - Before Occupancy	1
1	Credit 4.1	Low-Emitting Materials - Adhesives and Sealants	1



**LEED 2009 for New Construction and Major Renovation
Project Scorecard**

Project Name: Independence Park Library
Project Address: Goodwood, Baton Rouge

6 1 1 INNOVATION IN DESIGN 6 Points

1	Credit 4.2	Low-Emitting Materials - Paints and Coatings	1
1	Credit 4.3	Low-Emitting Materials - Flooring Systems	1
1	Credit 4.4	Low-Emitting Materials - Composite Wood and Agrifiber Products	1
1	Credit 5	Indoor Chemical and Pollutant Source Control	1
1	Credit 6.1	Controllability of Systems - Lighting	1
1	Credit 6.2	Controllability of Systems - Thermal Comfort	1
1	Credit 7.1	Thermal Comfort - Design	1
1	Credit 7.2	Thermal Comfort - Verification	1
1	Credit 8.1	Daylight and Views - Daylight	1
1	Credit 8.2	Daylight and Views - Views	1

1 1 1 REGIONAL PRIORITY 4 Points

1	Credit 1	Innovation in Design	1 to 5
1	Credit 1	SSoC2 Exemplary Performance	1
1	Credit 1	Green Cleaning	1
1	Credit 1	Educational Kiosk	1
1	Credit 1	SSoC1 Exemplary Performance	1
1	Credit 1	Innovation	1
1	Credit 2	LEED Accredited Professional	1

67 14 30 PROJECT TOTALS (Certification Estimates) 110 Points

Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points

Yes	?	No	
25	1	0	Sustainable Sites
4	3	2	Water Efficiency
14	5	16	Energy & Atmosphere
4	3	9	Material & Resources
10	2	3	Indoor Environmental Quality
6	0	0	Innovations in Design
4	0	0	Regional Priority
67	14	30	PROJECT TOTALS

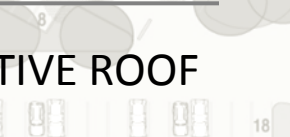
THEATRE

GARDENS

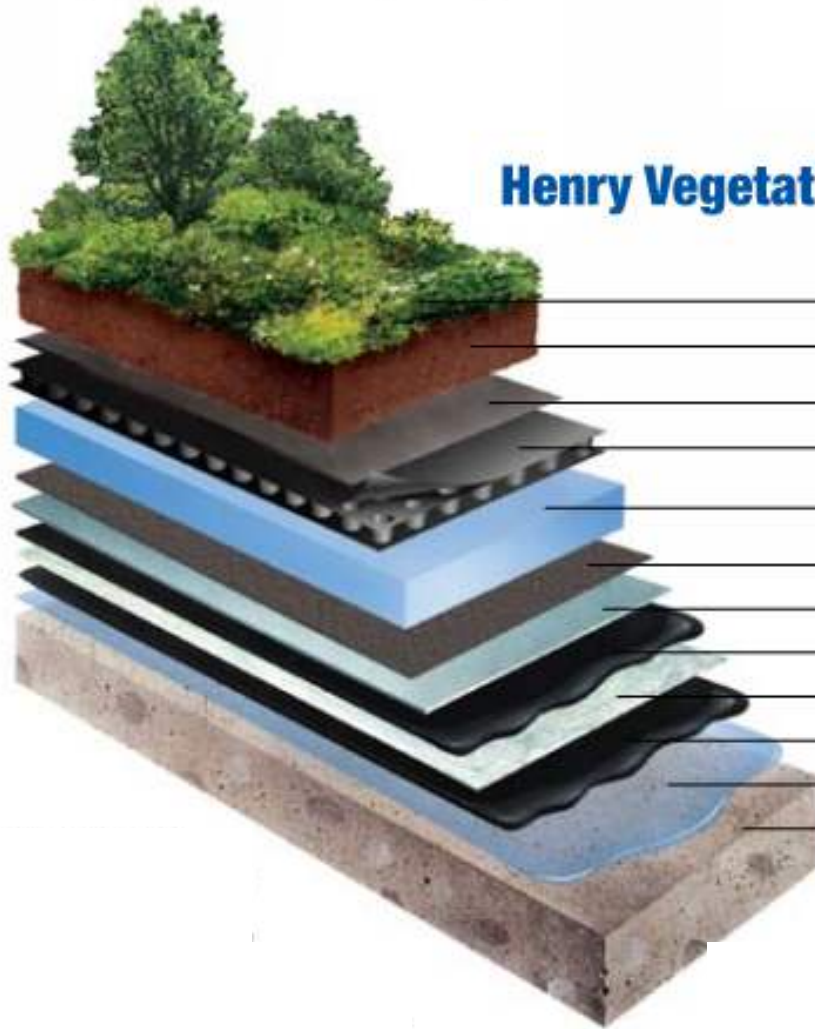
GARDENS

GARDENS

LAWN



Henry Vegetative Roofing Assembly®



Vegetation

Growing Media

Filter Fabric

Moisture retention/drainage (DB50/100 and DBR50/100)

Insulation

Root Bloc™

Protection layer (modified PLUS® G100ss)

790-11 Hot Rubberized Asphalt

Reinforcing Fabric

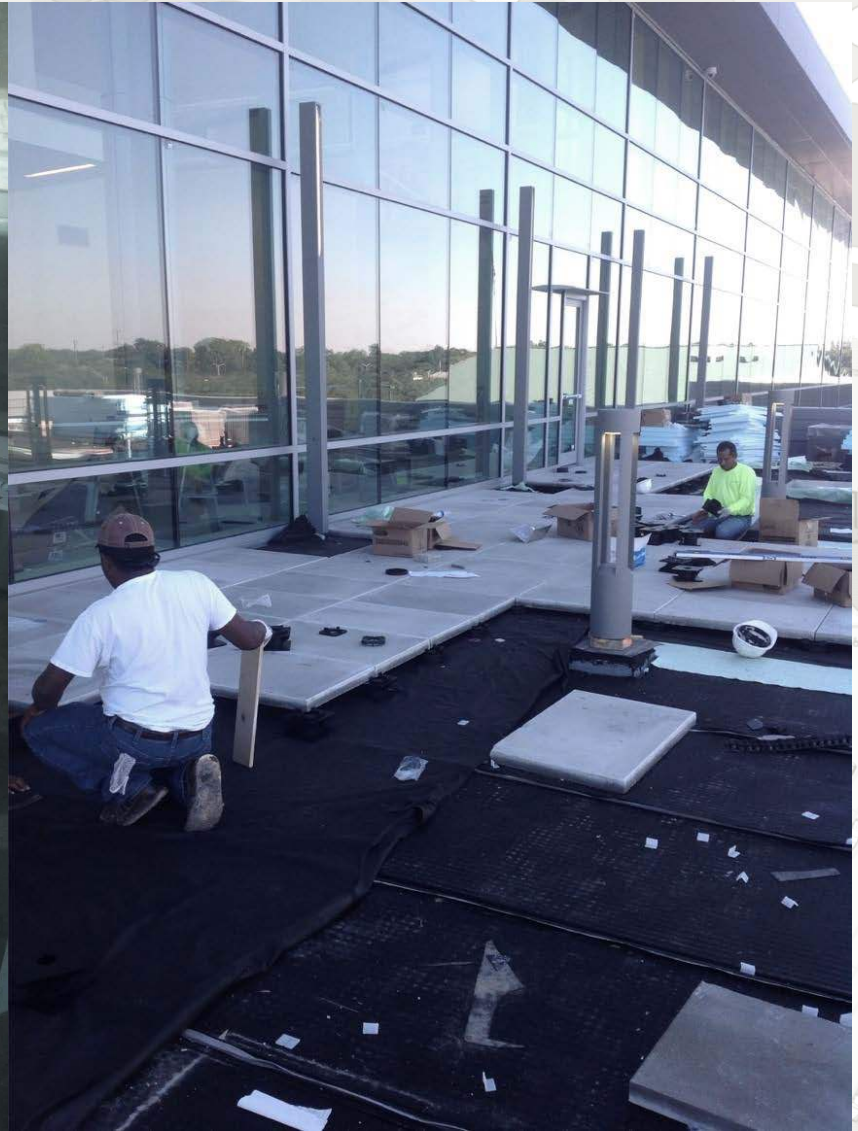
790-11 Hot Rubberized Asphalt

Primer

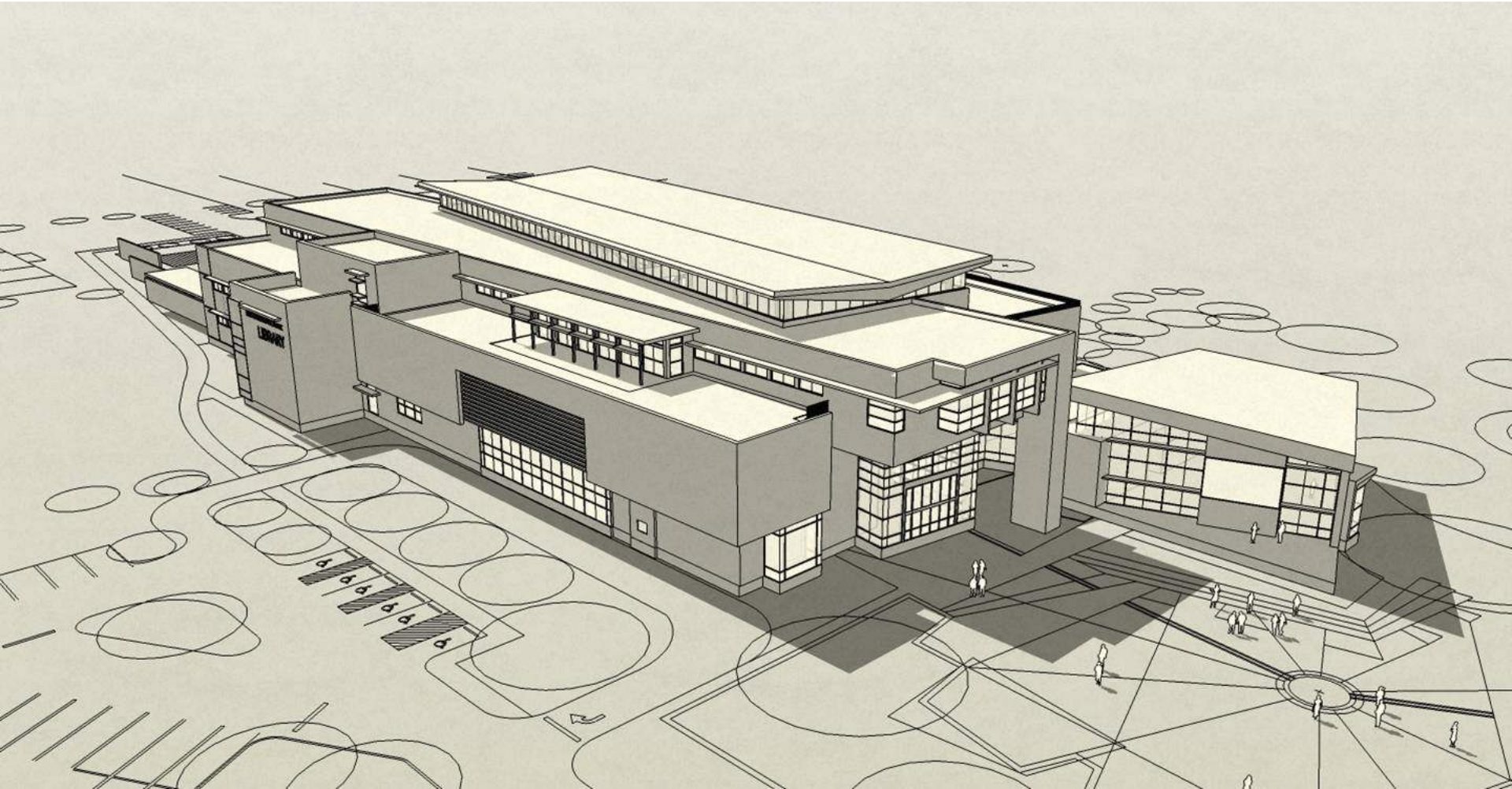
Concrete or approved deck

PARKING 1 (324)

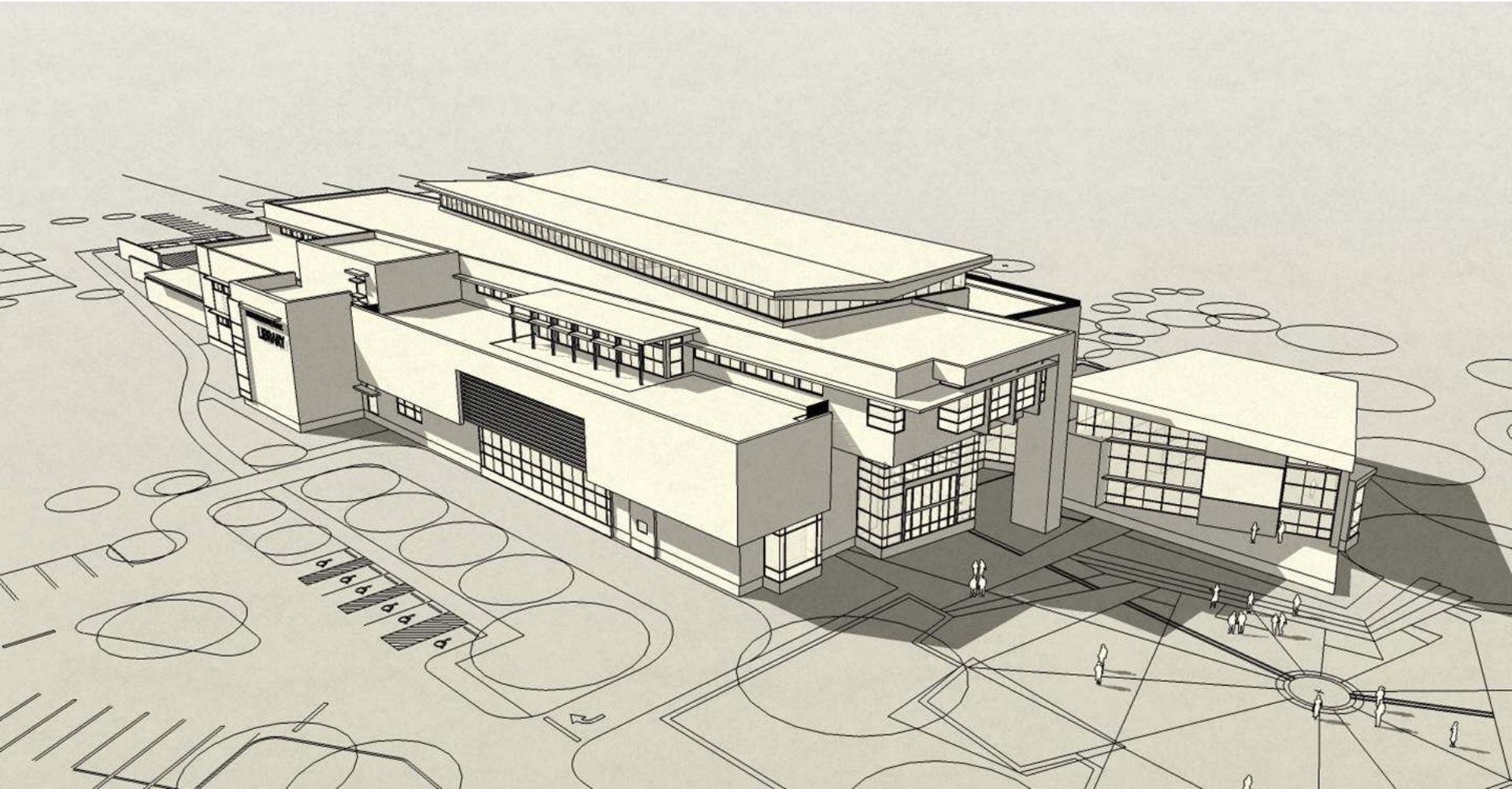
VEGETATIVE ROOF



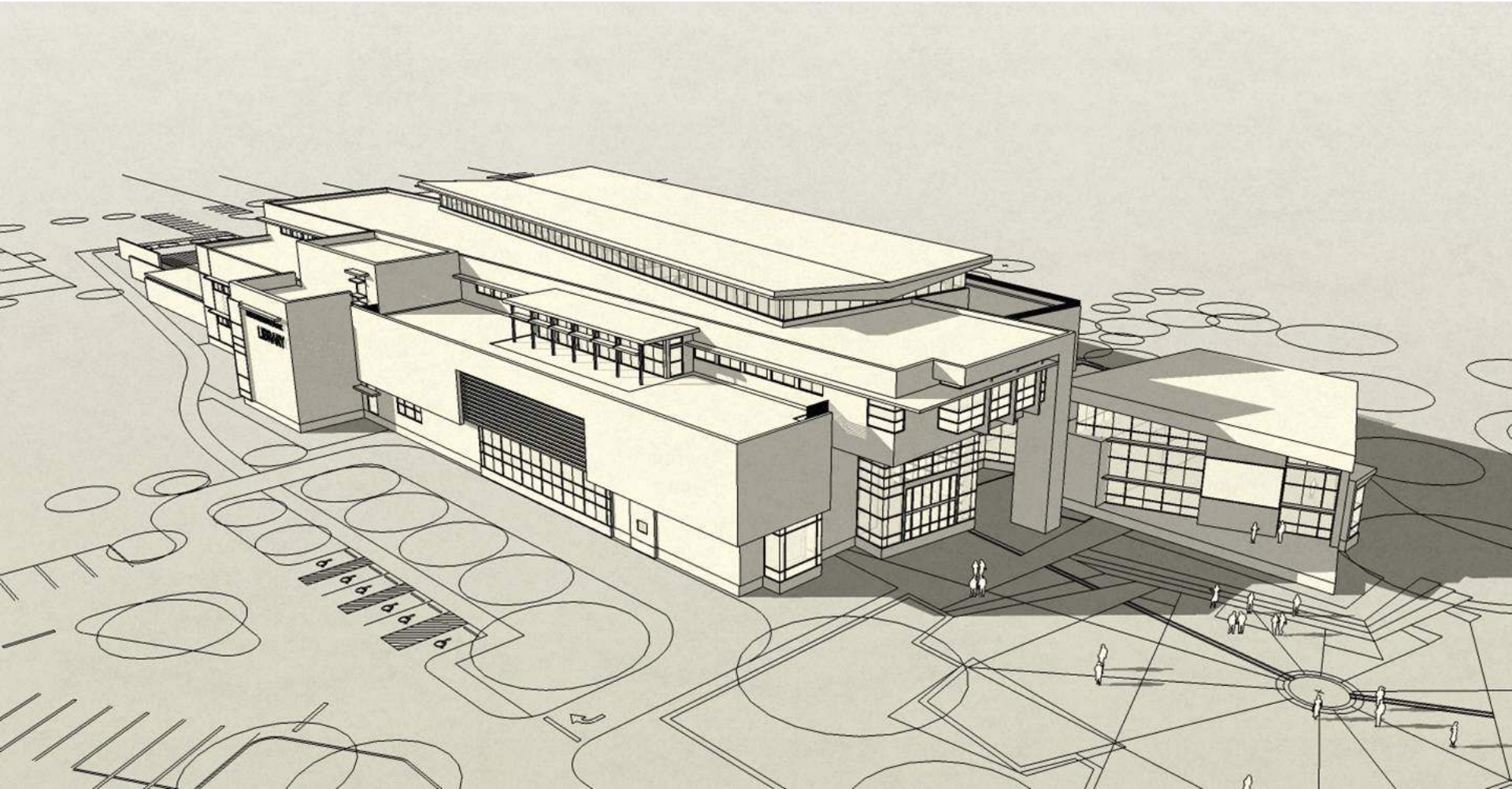
SUMMER SOLSTICE AT 3PM | SOUTHEAST VIEW



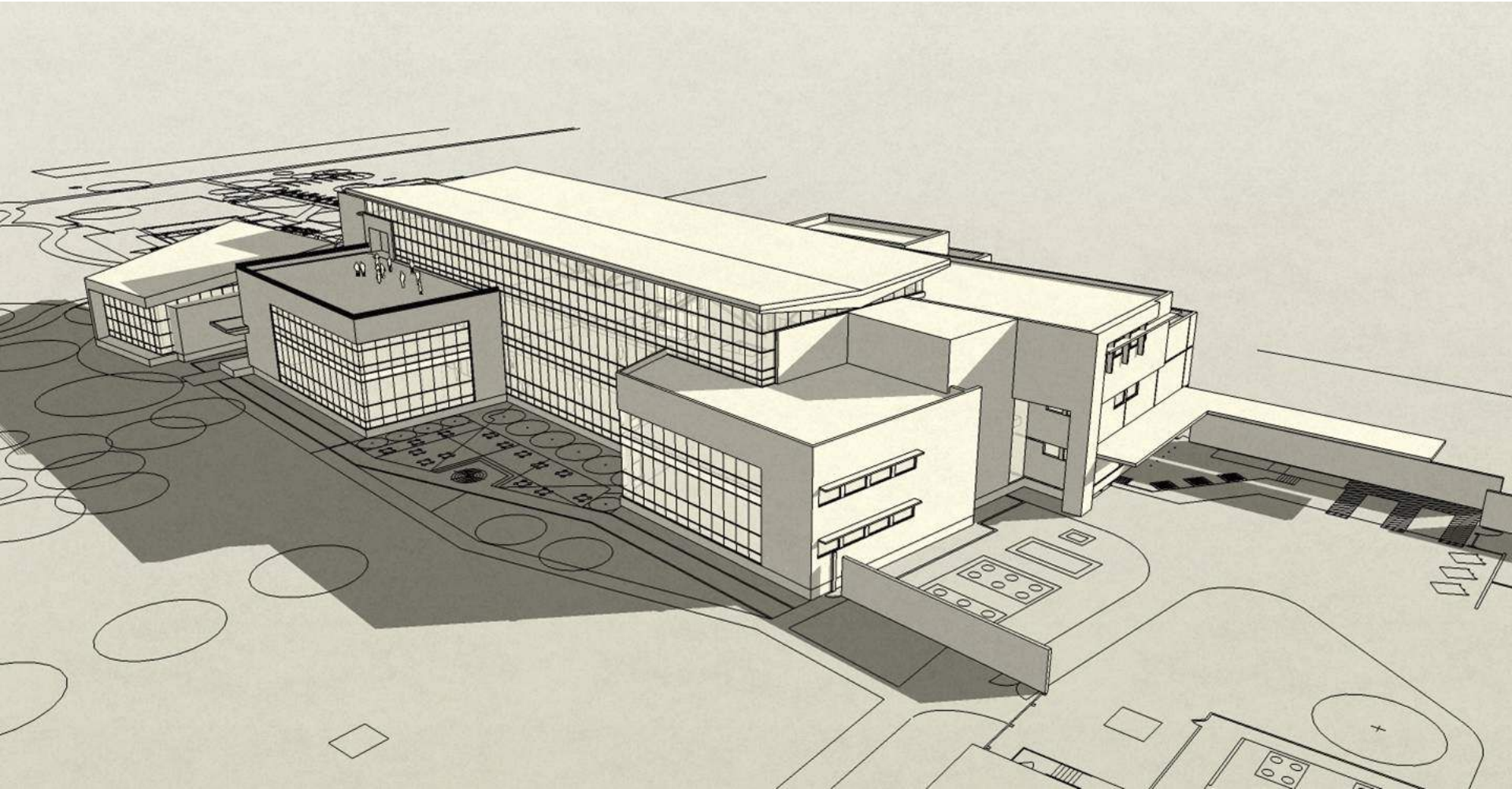
VERNAL AND AUTUMNAL EQUINOX AT 3PM | SOUTHEAST VIEW



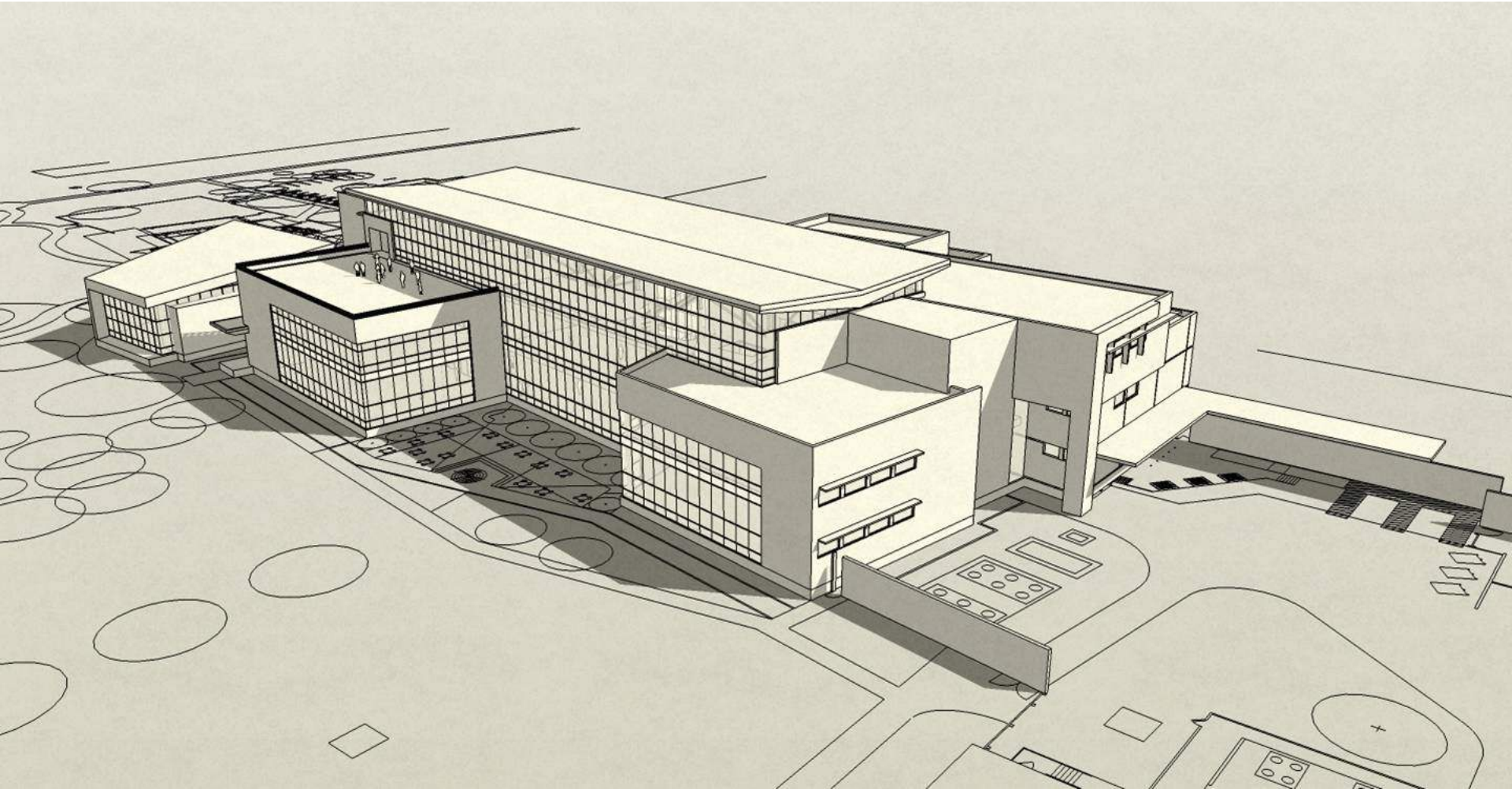
WINTER SOLSTICE AT 3PM | SOUTHEAST VIEW



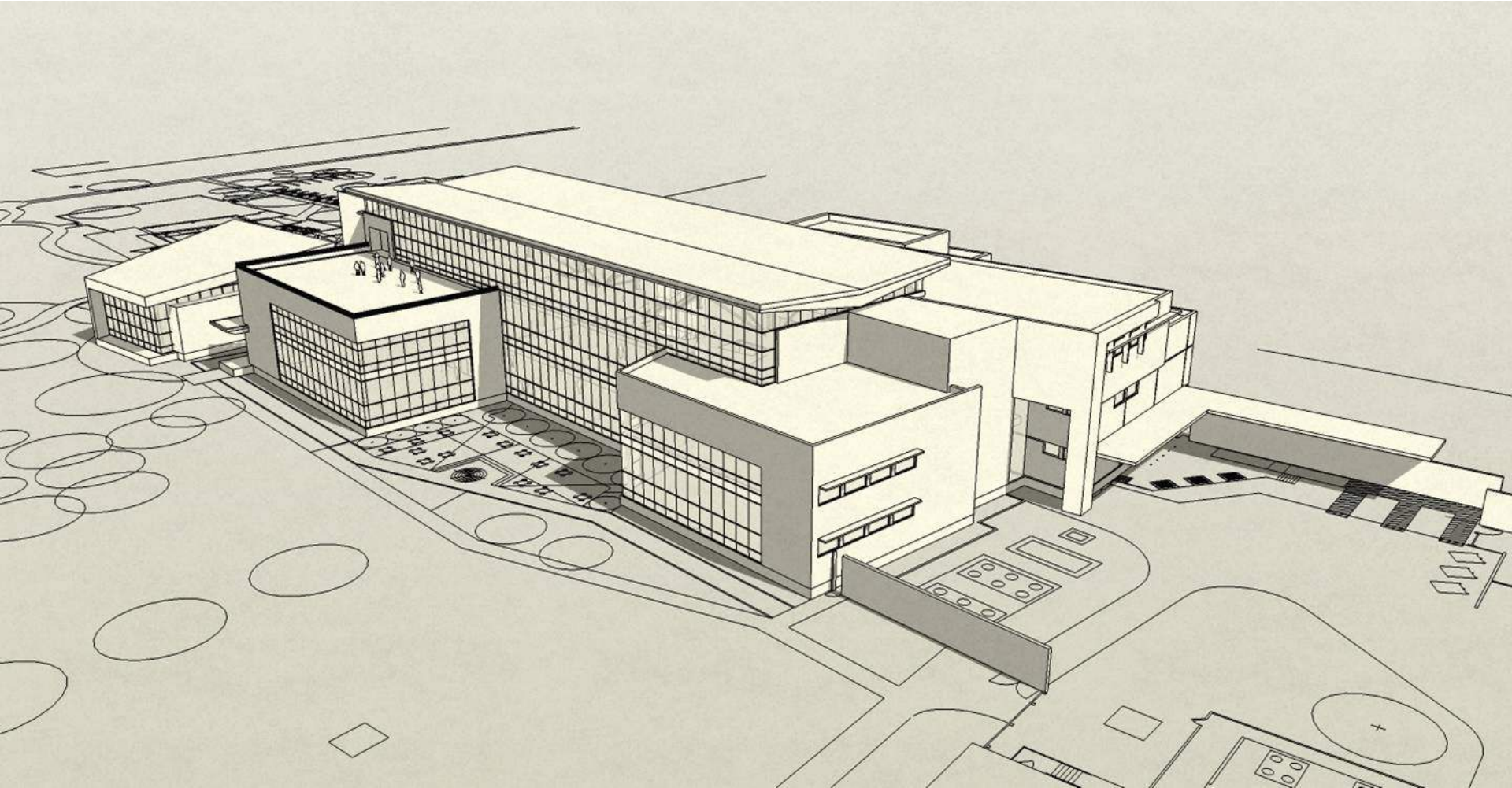
SUMMER SOLSTICE AT 3PM | NORTHWEST VIEW

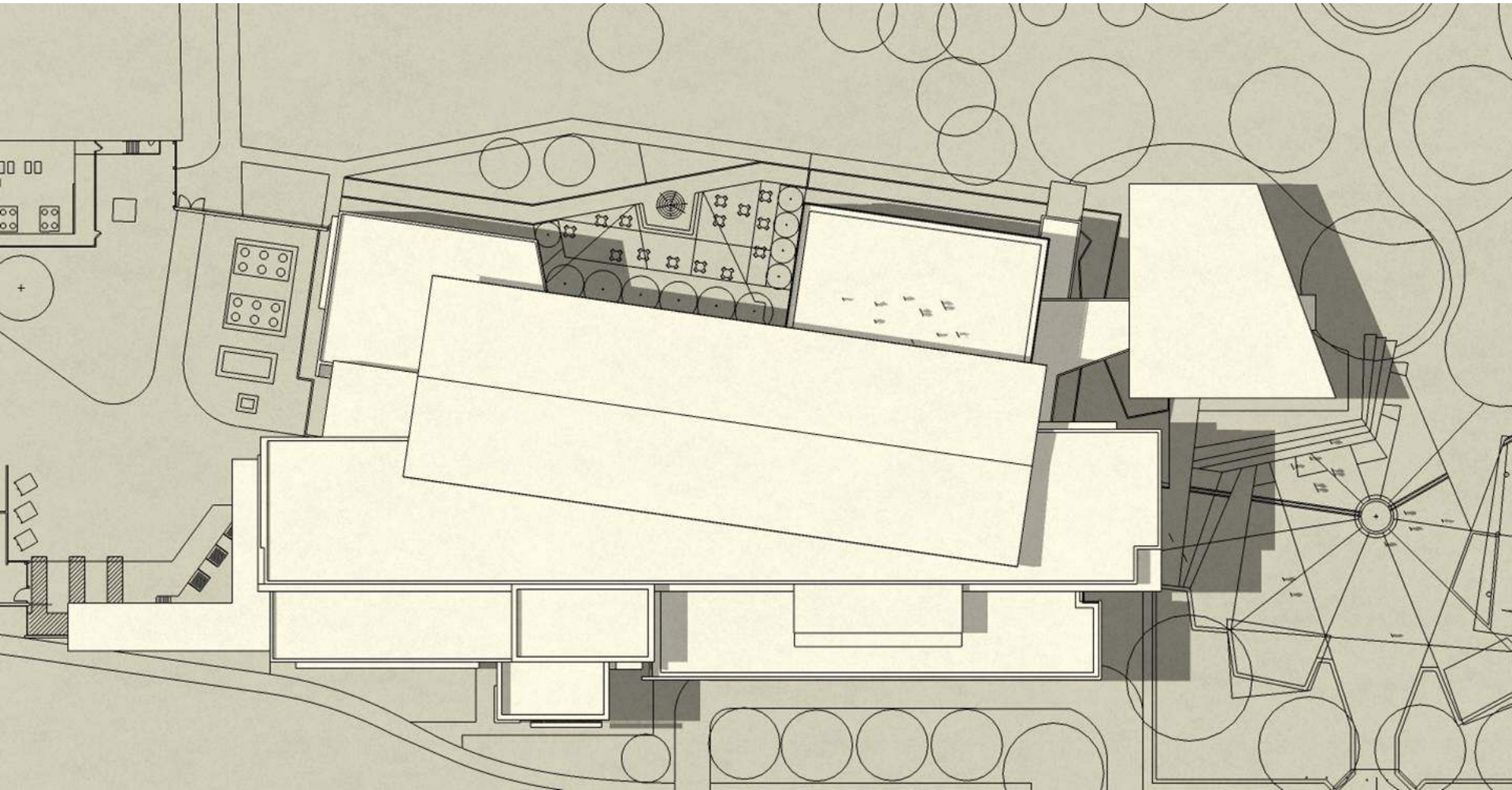


VERNAL AND AUTUMNAL EQUINOX AT 3PM | NORTHWEST VIEW

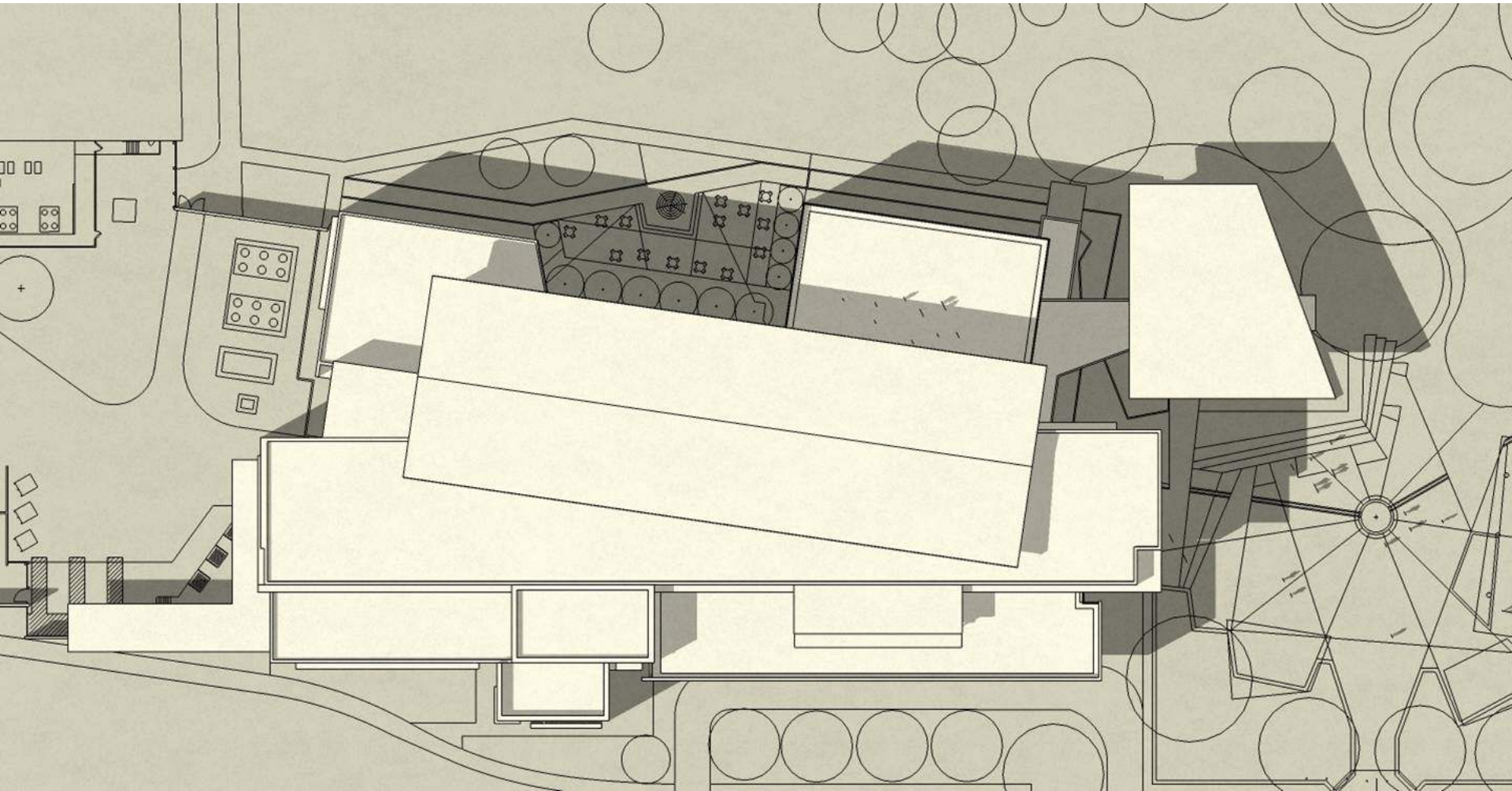


WINTER SOLSTICE AT 3PM | NORTHWEST VIEW

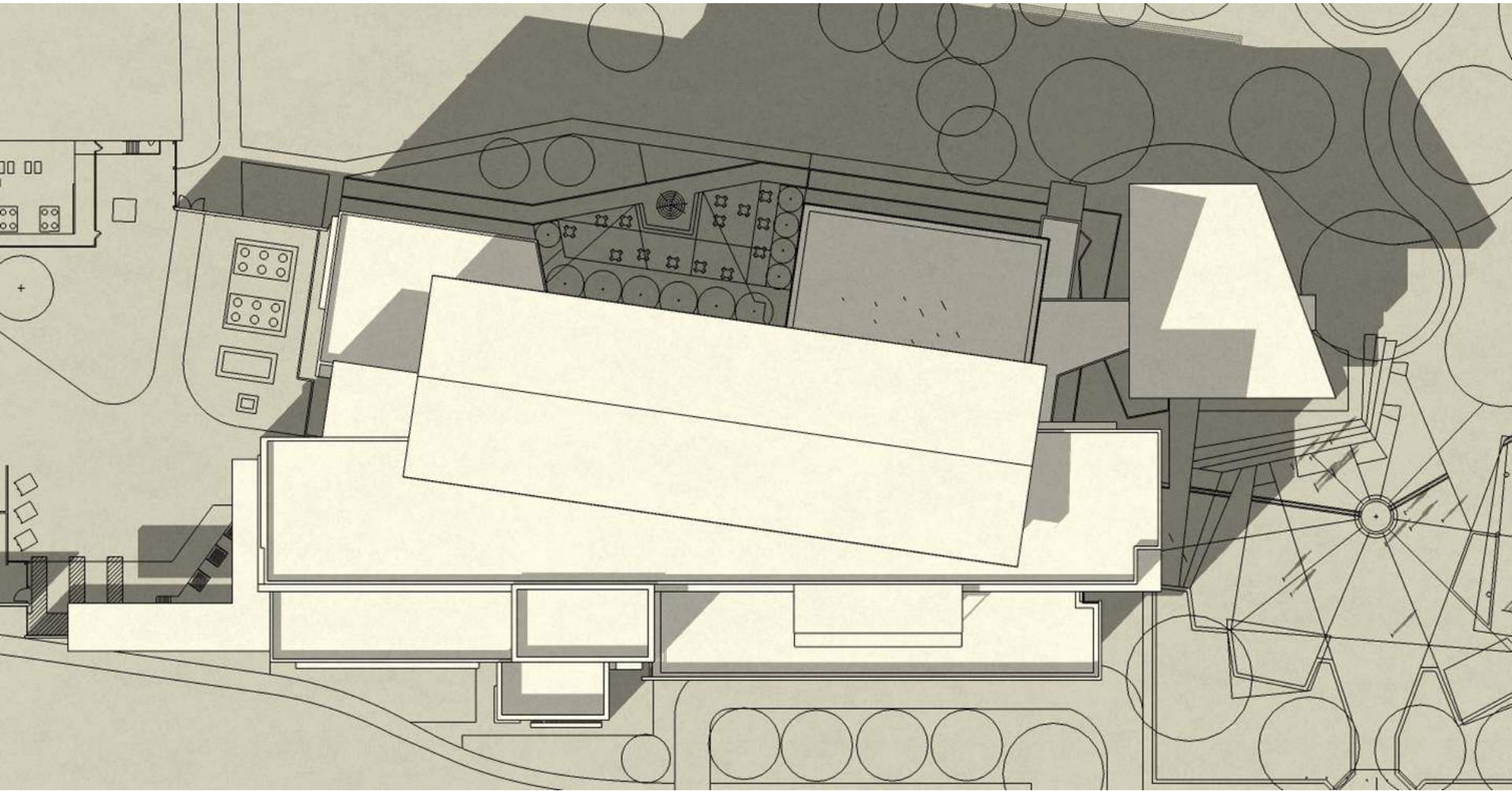




VERNAL AND AUTUMNAL EQUINOX AT 3PM | ROOF



WINTER SOLSTICE AT 3PM | ROOF



SOLAR STUDY



GARDENS

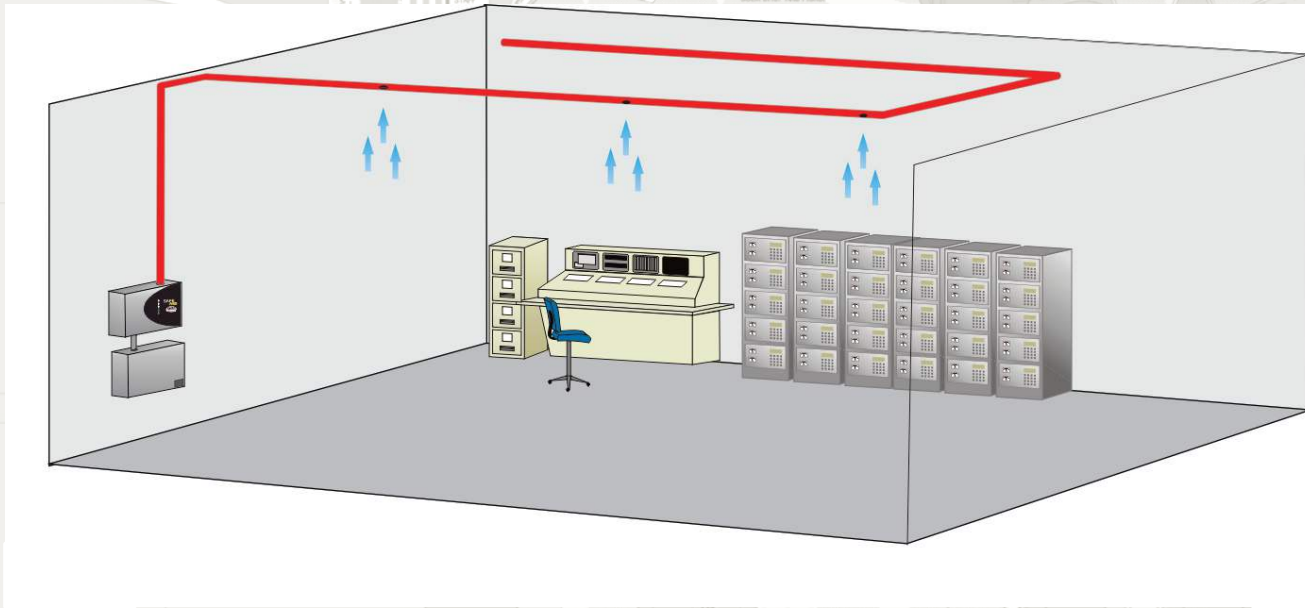
THEATRE

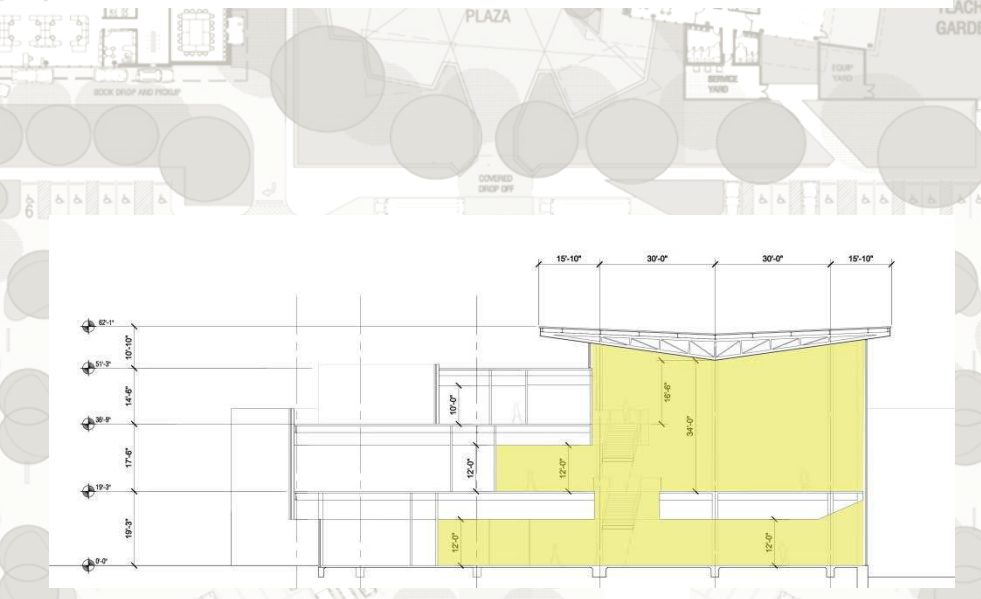
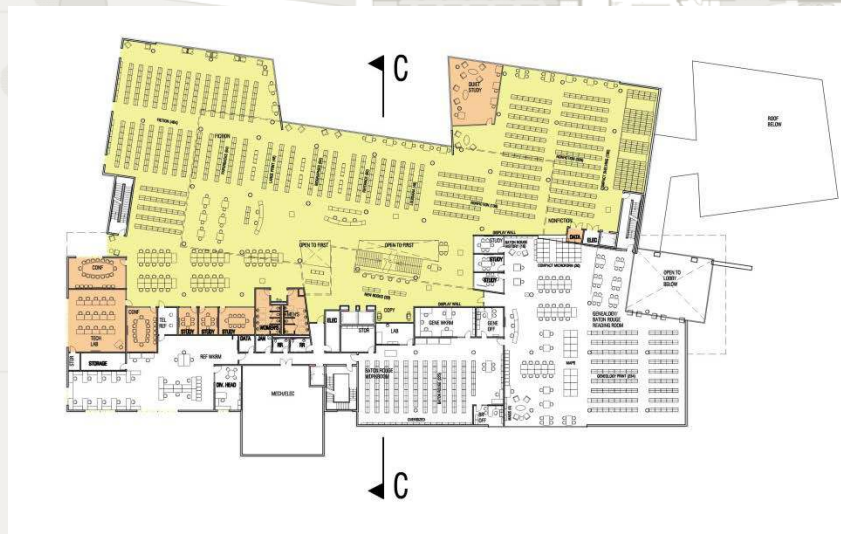
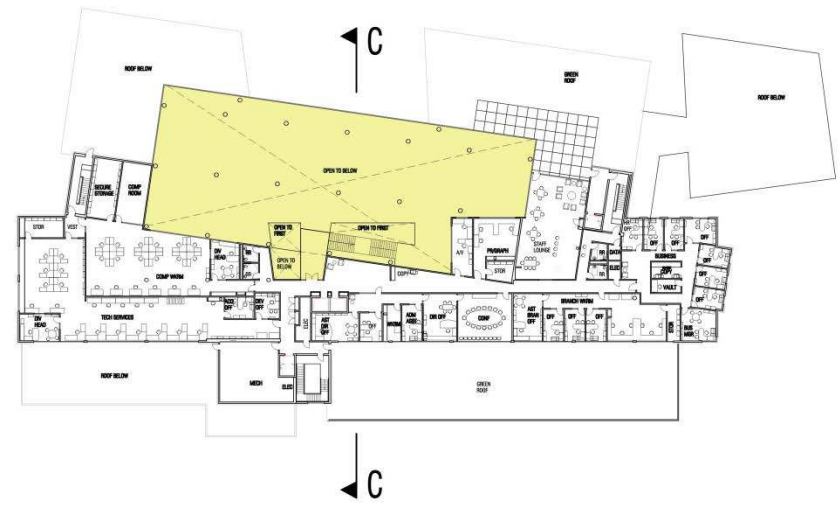
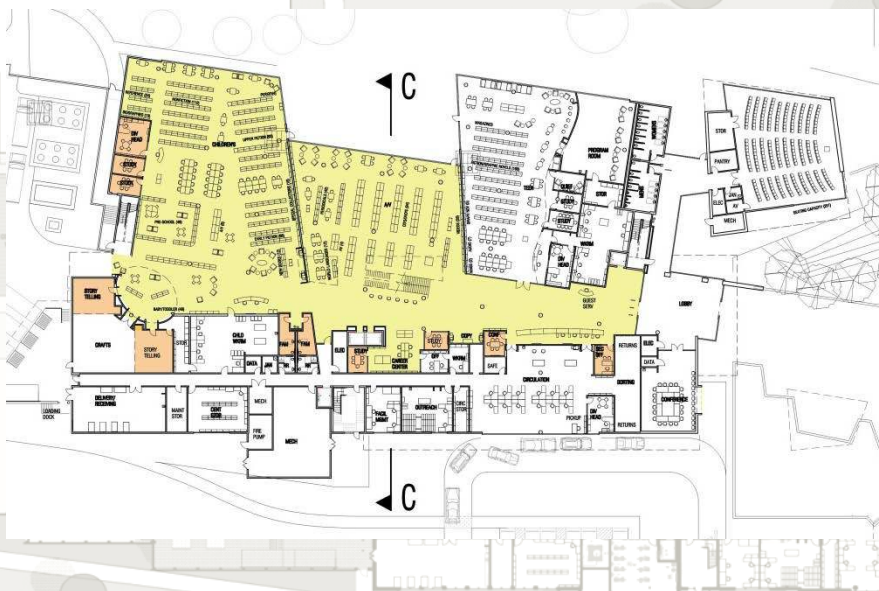


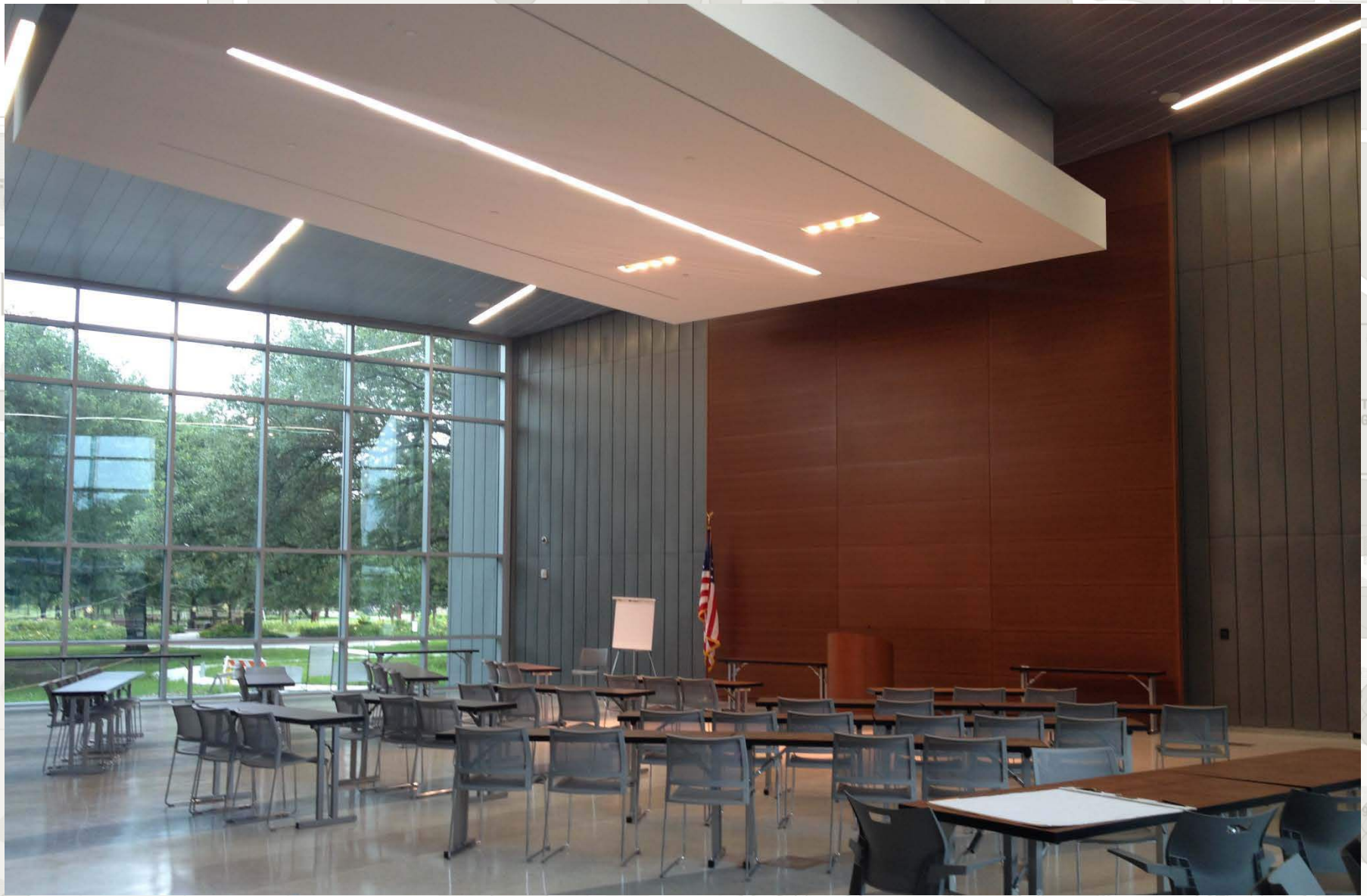
LAWN

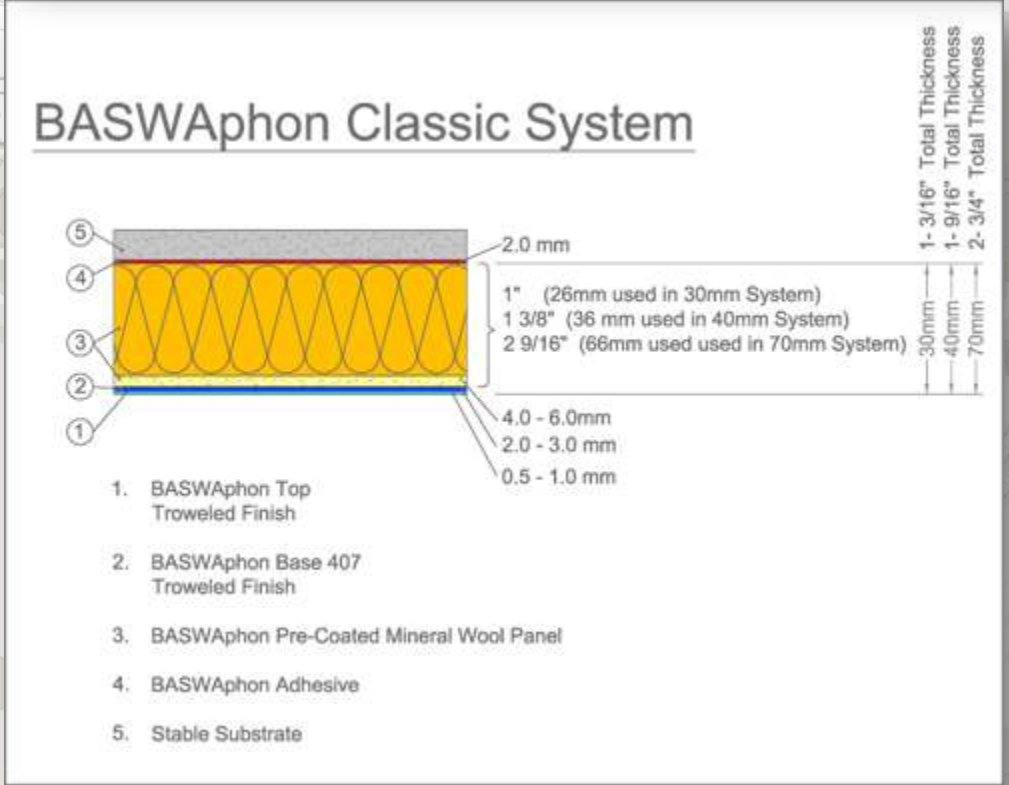
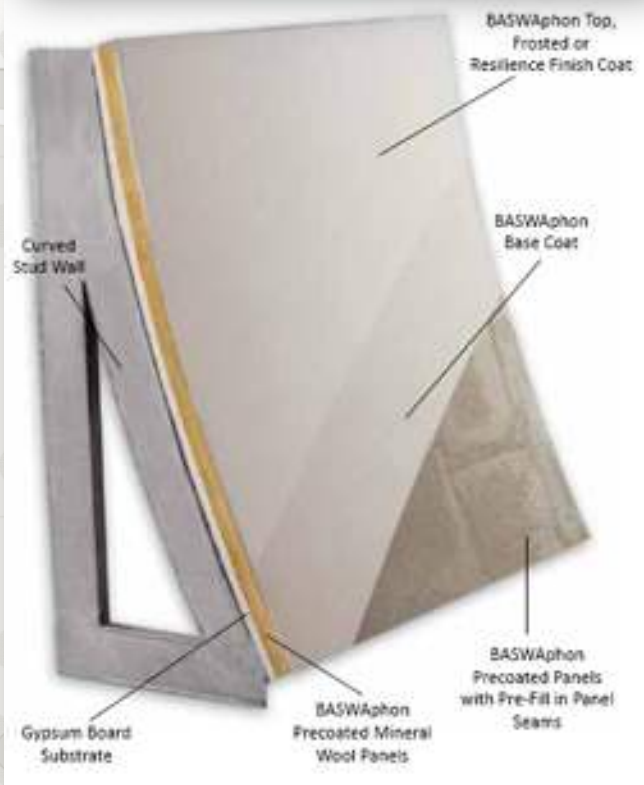
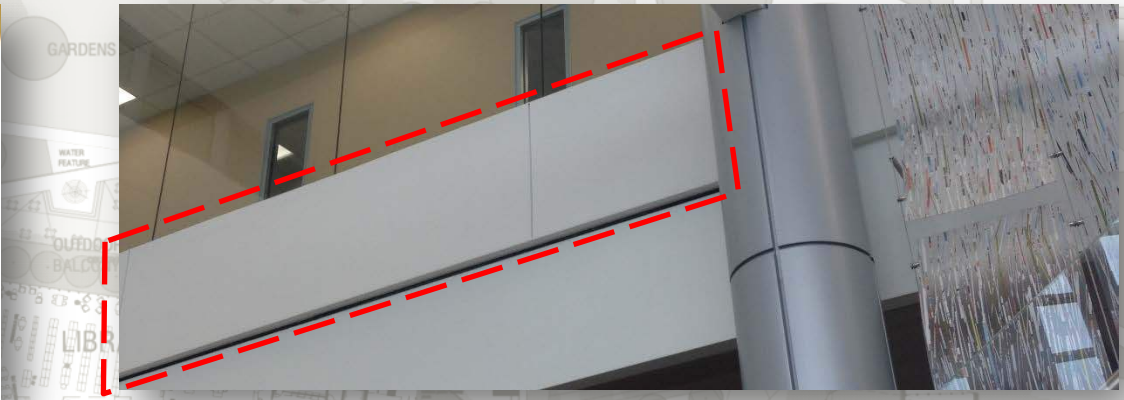
BER CAFE

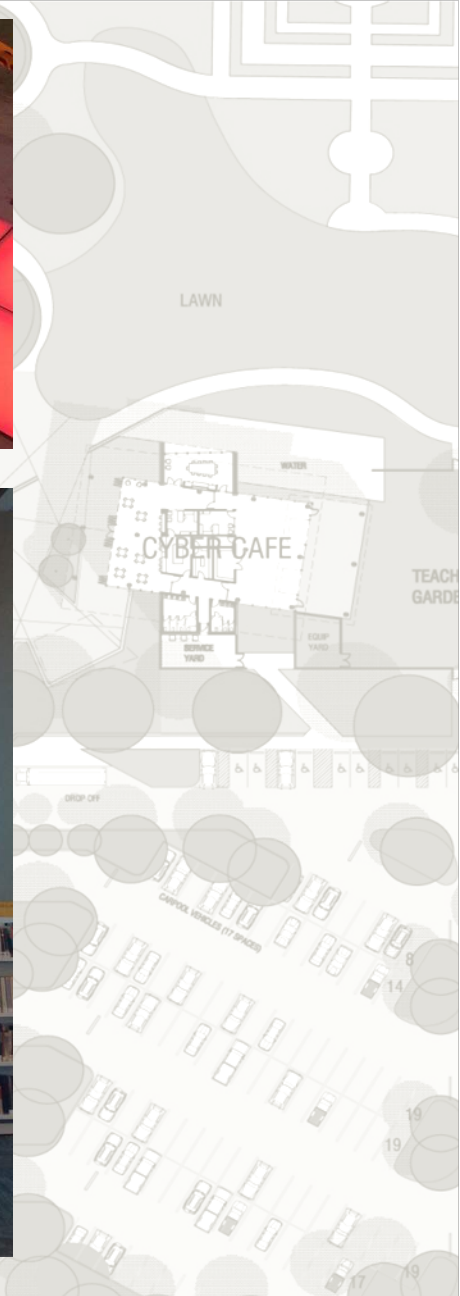
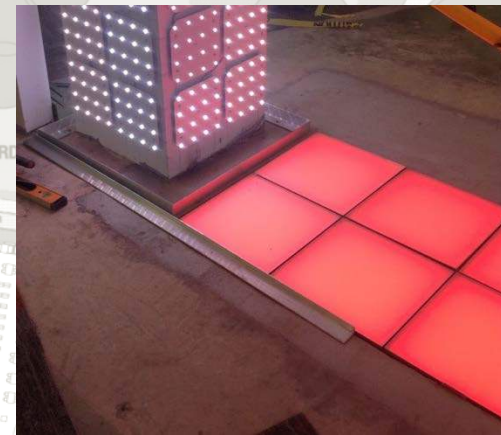
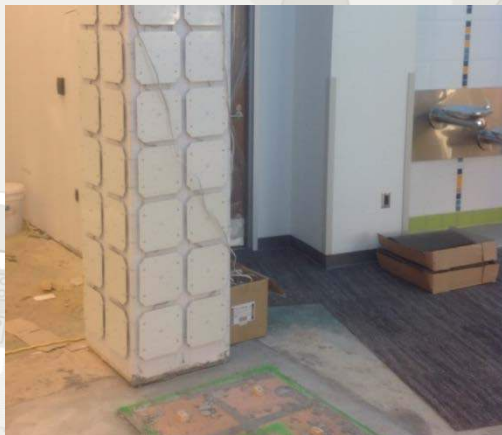
PLAZA

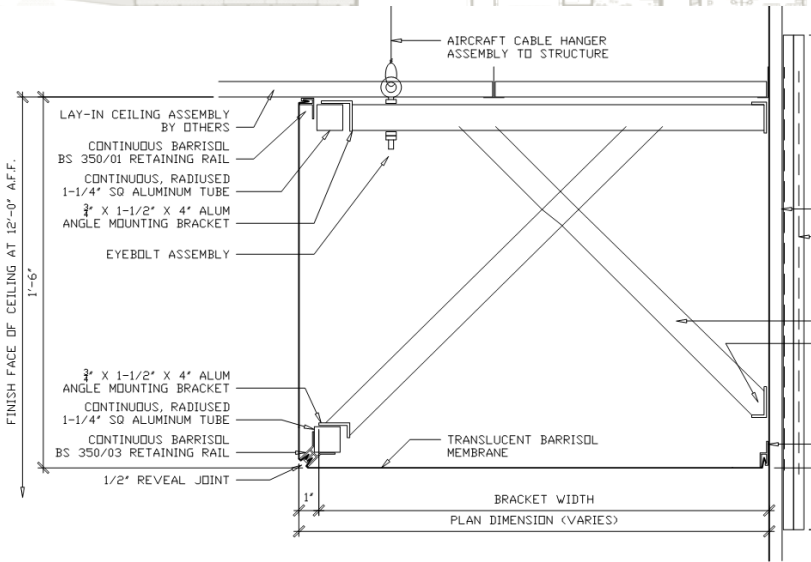














A JOINT VENTURE
THE LIBRARY DESIGN COLLABORATIVE

COCKFIELD JACKSON | TIPTON ASSOCIATES | PSA DEWBERRY