

[NURTURE]well-being

tyler brandriet

PROBLEM STATEMENT:

How does architecture link disconnected communities within an urban environment to one another?

THEORETICAL PREMISE:

Architecture nurtures a person's physical, emotional and spiritual well-being.



FAMILY



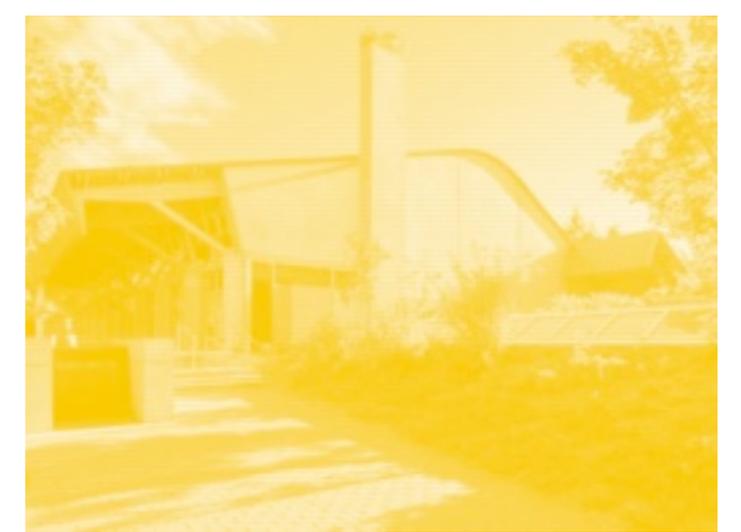
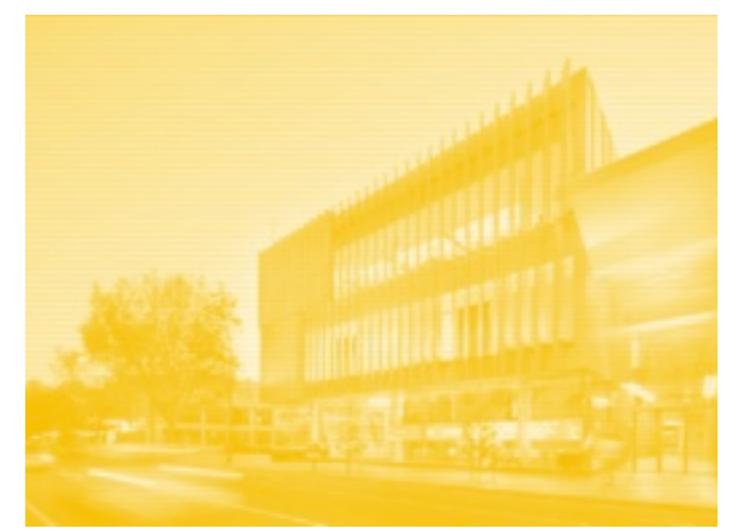
OPPORTUNITY



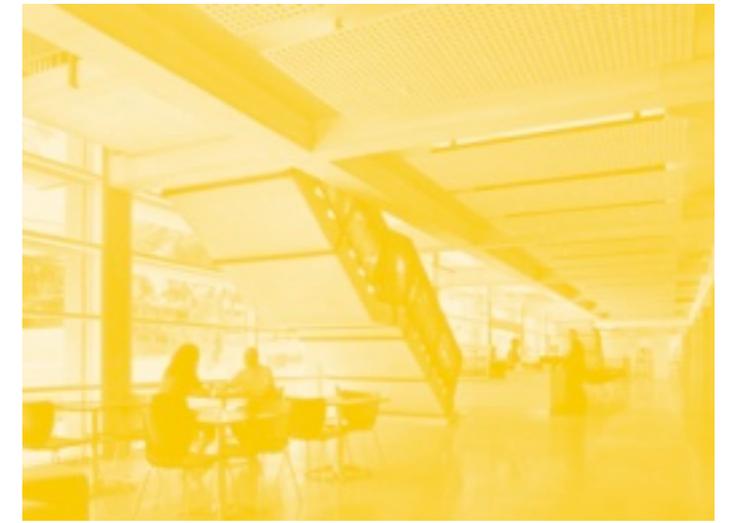
COMMUNITY



OUTREACH



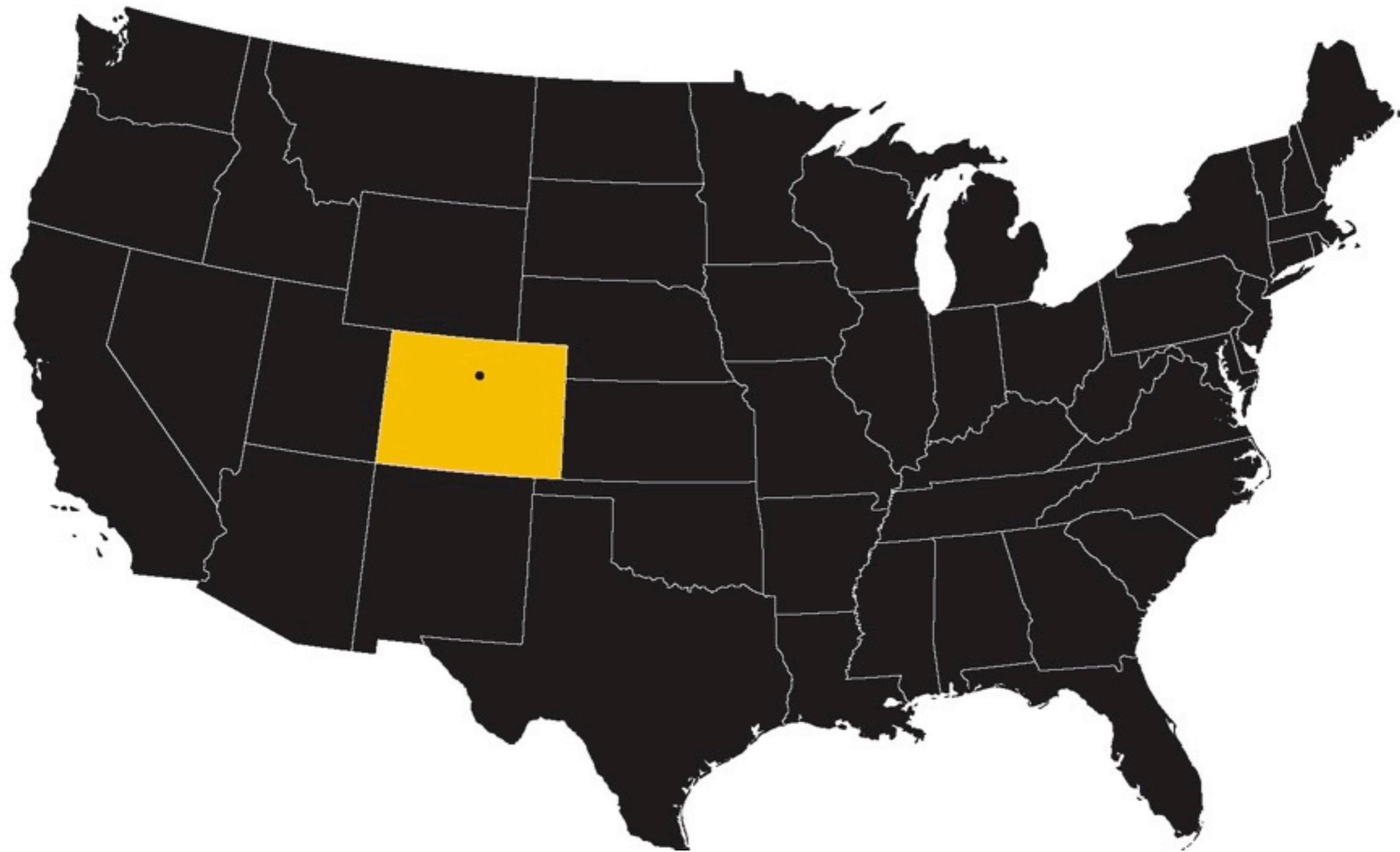
THE LIFE CENTRE.
Melbourne, Australia



SURRY HILLS LIBRARY AND COMMUNITY CENTER.
Sydney, Australia



GLENEAGLES COMMUNITY CENTER.
West Vancouver, Canada



SITE:
Aurora, Colorado



AERIAL PHOTOGRAPHY.

The site is located across from the Southlands Town Center.



AERIAL PHOTOGRAPHY.

Located on the existing site of a church and home improvement store.



THE NATURAL LANDSCAPE.
Panorama views from behind and across the site.

PROGRAMMATIC REQUIREMENTS: Master Plan

SCHOOL OF EVANGELISM

Administration:	75,000 SF
School of Evangelism:	400,000 SF
Library:	50,000 SF
Sports Facility:	100,000 SF
Student Housing:	300,000 SF

Total: **925,000 SF**

AURORA FIRST ASSEMBLY

Church Facility:	75,000 SF
Community Center:	65,000 SF
Community Garden:	2,500 SF
Outdoor Amphitheater:	15,000 SF
Prayer Pavilion:	5,000 SF

Total: **162,500 SF**

LANDSCAPE / ROADWAY / PEDESTRIAN

Entry / Boulevard:	150,000 SF
Green Space:	500,000 SF
Landscape (Hardscape):	100,000 SF
Landscape (Softscape):	500,000 SF
Pedestrian / Bicycle Linkages:	300,000 SF
Recreational Areas (Active):	50,000 SF
Recreational Areas (Passive):	870,000 SF
Vehicle Circulation:	1,100,000 SF

Total: **3,570,000 SF**

PARKING: Above Grade

Administration:	37,500 SF
Church Facility:	50,000 SF
Community Center:	75,000 SF
Library:	25,000 SF
School of Evangelism:	400,000 SF
Sports Facility:	300,000 SF

Total Area: **887,500 SF**

TOTAL AREA: **5,545,000 SF**

PARKING: Below Grade

Sports Facility:	20,000 SF
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Total Area: **20,000 SF**

LOT AREA: **125 ACRES or 5,545,000 SF**

PROGRAMMATIC REQUIREMENTS: Community Center

ADMINISTRATION

Offices:	1,250 SF	Public Toilets:	1,500 SF
Conference Room:	500 SF	Resource Center:	2,250 SF
Private Toilets:	1,000 SF		
Staff Lounge:	350 SF	Total:	24,000 SF
Counseling:	1,000 SF		

Total: 4,100 SF

PUBLIC: Recreational

Fitness Studio A:	1,500 SF		
Fitness Studio B:	1,500 SF	Total:	3,500 SF
Gymnasium:	7,500 SF		
Men's Lockers:	2,500 SF	Total Area:	53,100 SF
Women's Lockers:	2,500 SF		
Family Lockers:	1,500 SF		
Racquetball Courts:	2,000 SF		
Weight Training:	2,500 SF	Circulation / Entrance (20 %):	10,600 SF

Total: 21,500 SF **TOTAL AREA:** 63,700 SF

PUBLIC: Gathering

Auditorium:	5,500 SF
Cafe / Coffee Shop:	750 SF
Childcare Center:	2,500 SF
Community Courtyard:	4,000 SF
Fellowship Hall:	3,500 SF
Kitchen:	1,500 SF
Prayer Lounge:	500 SF
Community Education:	2,000 SF

AUXILLARY

Mechanical / Electrical:	1,500 SF
Storage / Custodial:	1,000 SF
Lobby / Reception:	1,000 SF

Total: 3,500 SF

Total Area: 53,100 SF

Circulation / Entrance (20 %): 10,600 SF

TOTAL AREA: 63,700 SF

PROGRAMMATIC REQUIREMENTS: Church Facility

INTERACTION MATRIX: Church Facility

Offices:	3,000 SF
Conference Room:	1,000 SF
Private Toilets:	1,000 SF
Pastoral Resource Library:	750 SF
Receptionist:	500 SF

Total: 6,250 SF

AUXILLARY

Mechanical / Electrical:	4,500 SF
Storage / Custodial:	2,000 SF
Lobby / Reception:	2,500 SF

Total: 9,000 SF

Total Area: 71,000 SF

PUBLIC: Educational

Classroom Setting A:	5,000 SF
Classroom Setting B:	3,000 SF
Community Education:	2,000 SF
Meeting Rooms:	2,000 SF
Public Restroom:	1,000 SF

Total: 12,000 SF

Circulation / Entrance (20 %): 14,200 SF

TOTAL AREA: 85,200 SF

PUBLIC: Gathering

Cafe / Coffee Shop:	750 SF
Childcare Center:	2,500 SF
Fellowship Hall:	3,500 SF
Gathering Space:	2,500 SF
Kitchen:	1,500 SF
Prayer Lounge:	2,500 SF
Public Restroom:	1,500 SF
Sanctuary:	25,000 SF
Youth Fellowship:	4,000 SF

Total: 43,750 SF

PROGRAMMATIC REQUIREMENTS

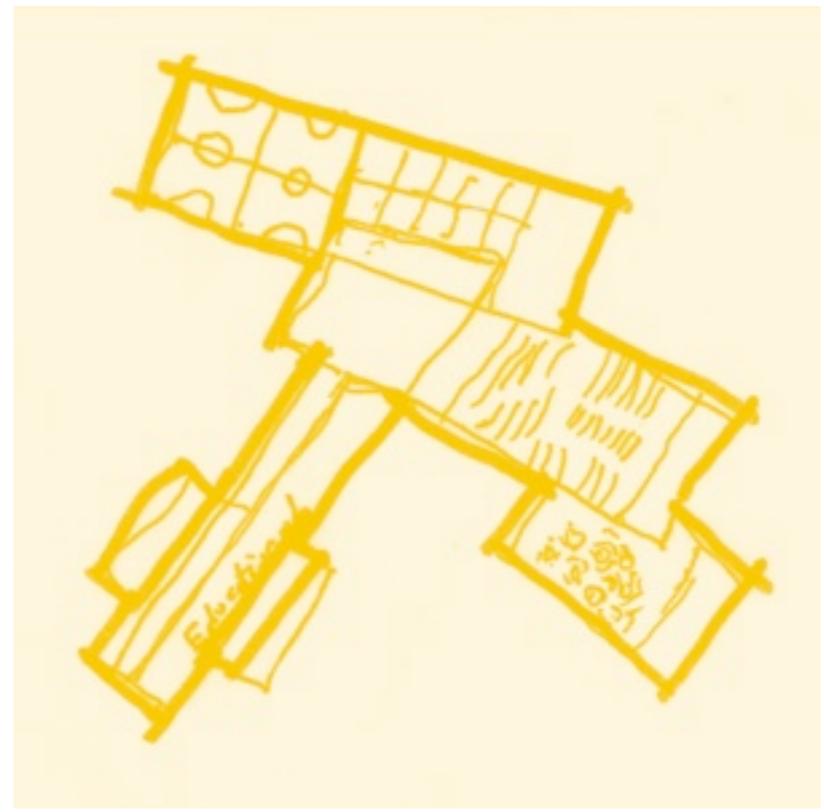
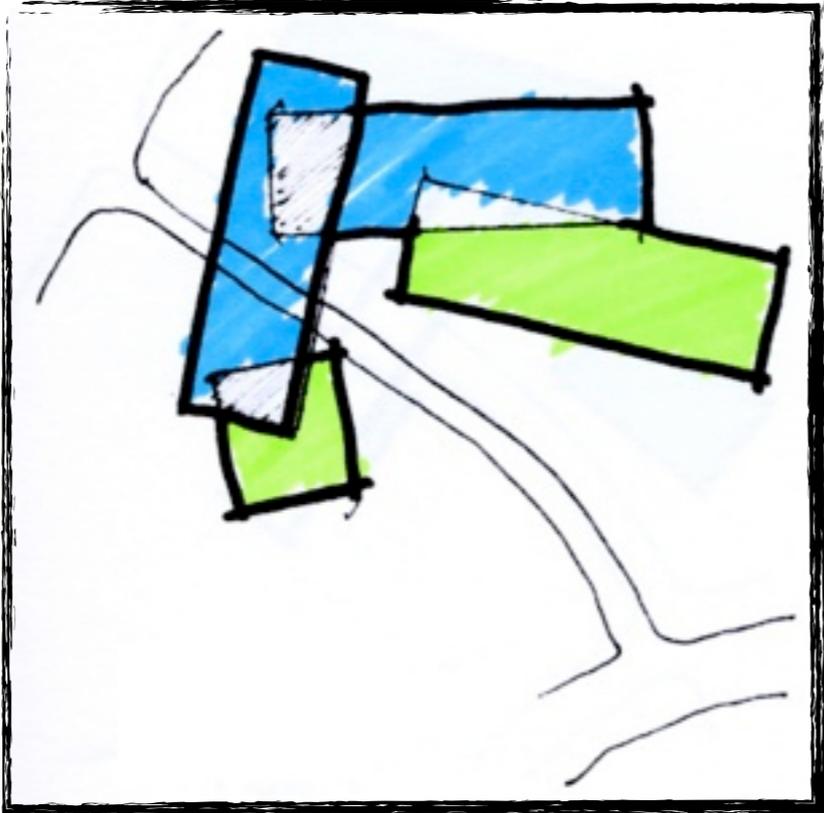
INTERACTION MATRIX: Combined Facility

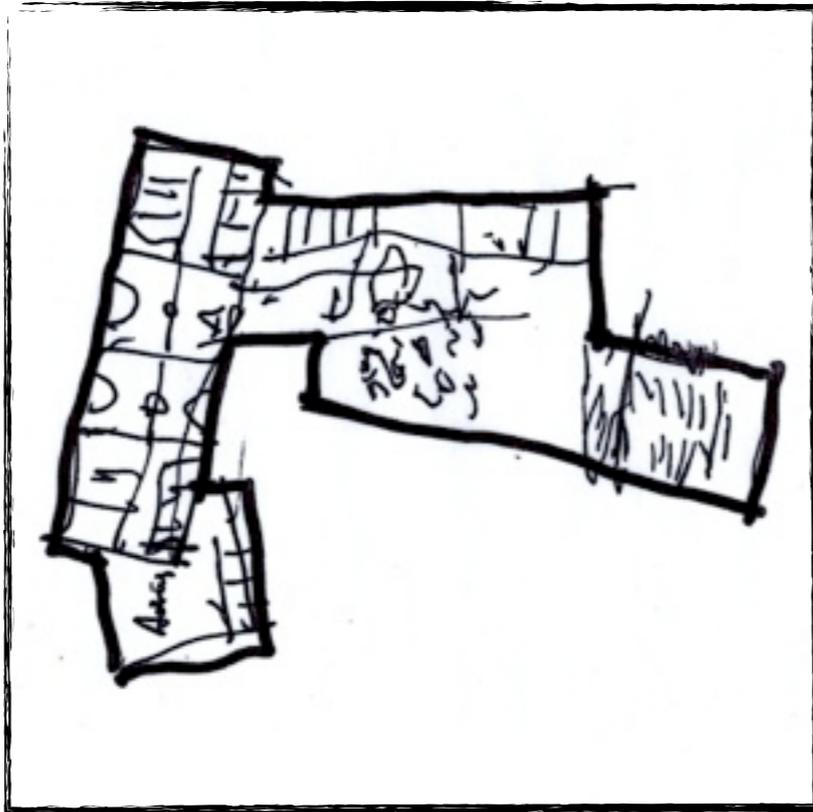
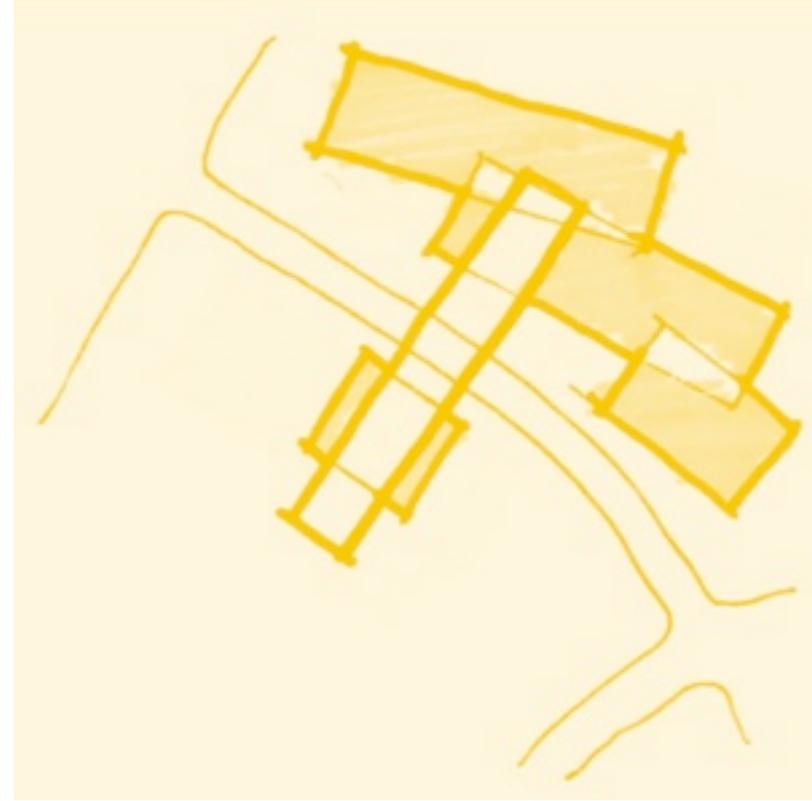
-  Overlapping Program
-  Essential
-  Desirable
-  Not Needed

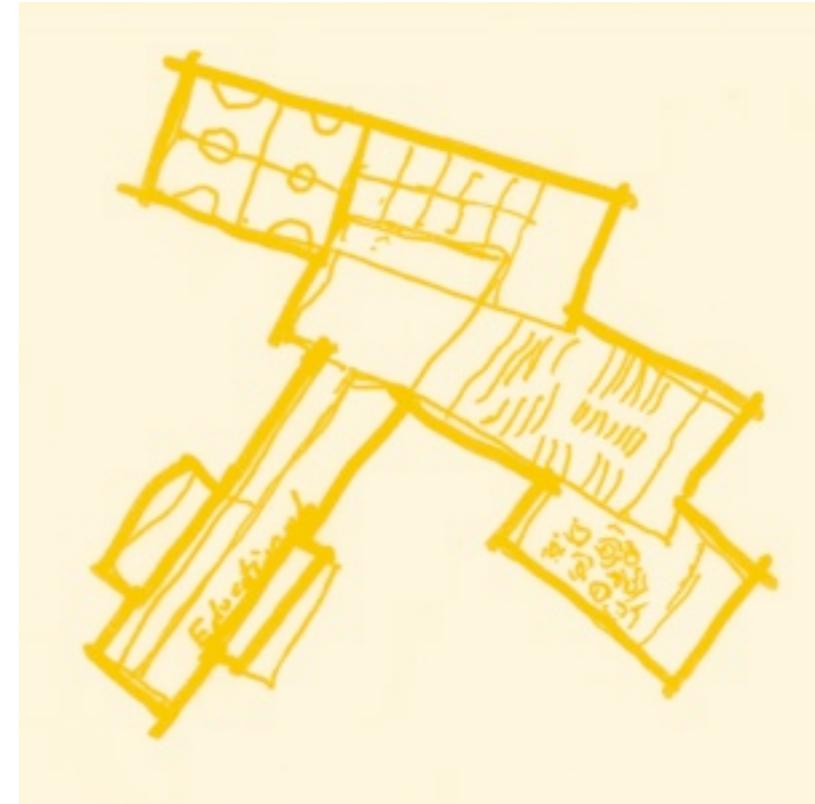
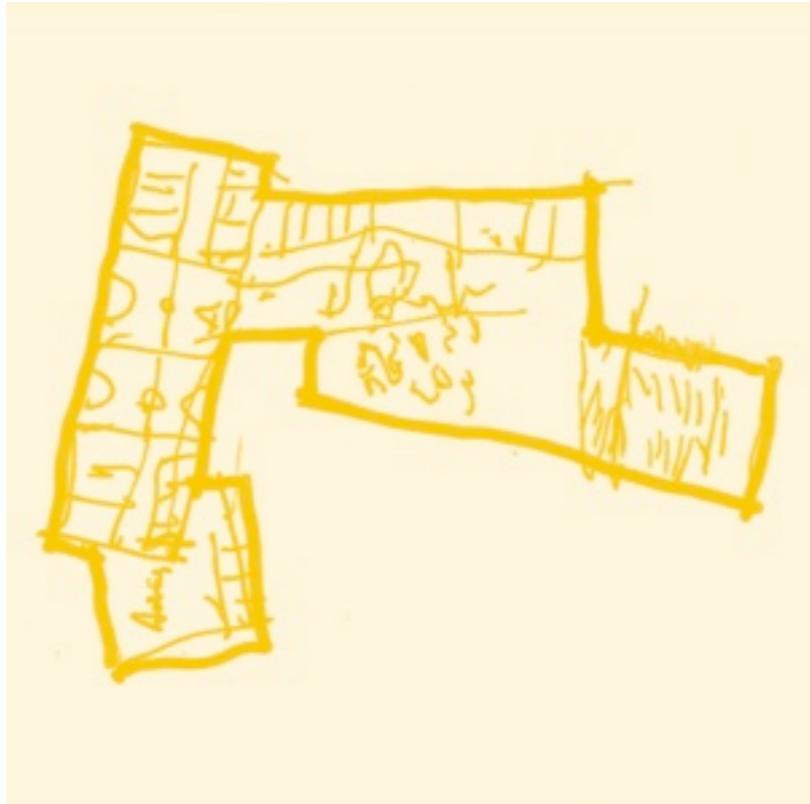
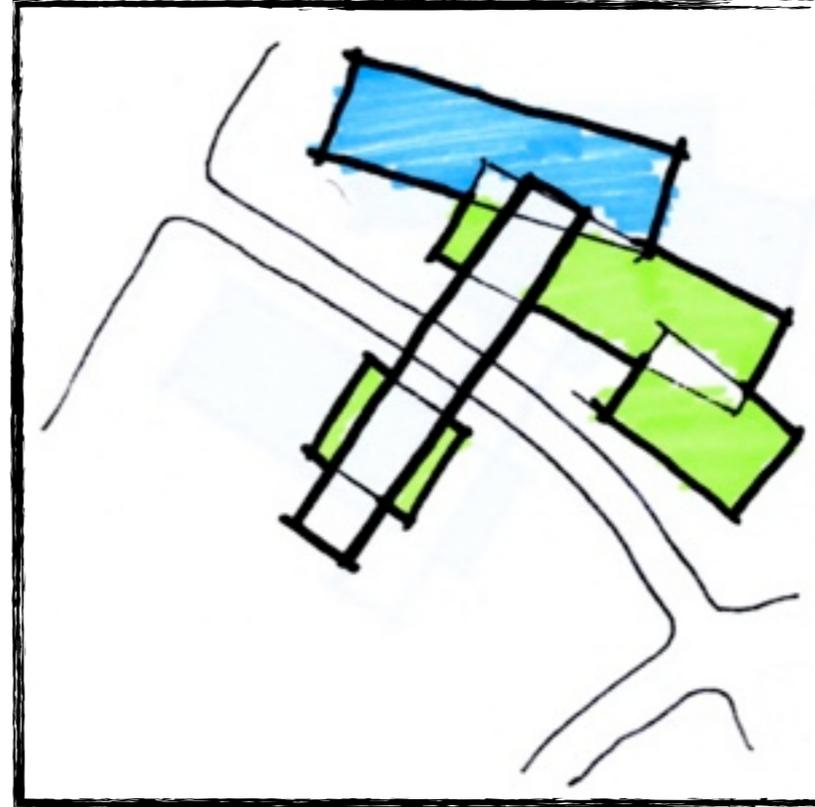
Administration
 Cafe / Coffee Shop
 Childcare Center
 Conference Room
 Education Classrooms
 Entrance / Lobby
 Fellowship Hall
 Gathering Space
 Kitchen
 Mechanical / Electrical
 Meeting Rooms
 Parking
 Pastoral Resource Library
 Prayer Lounge
 Private Toilets
 Public Toilets
 Receptionist
 Sanctuary
 Storage / Custodial
 Youth Fellowship

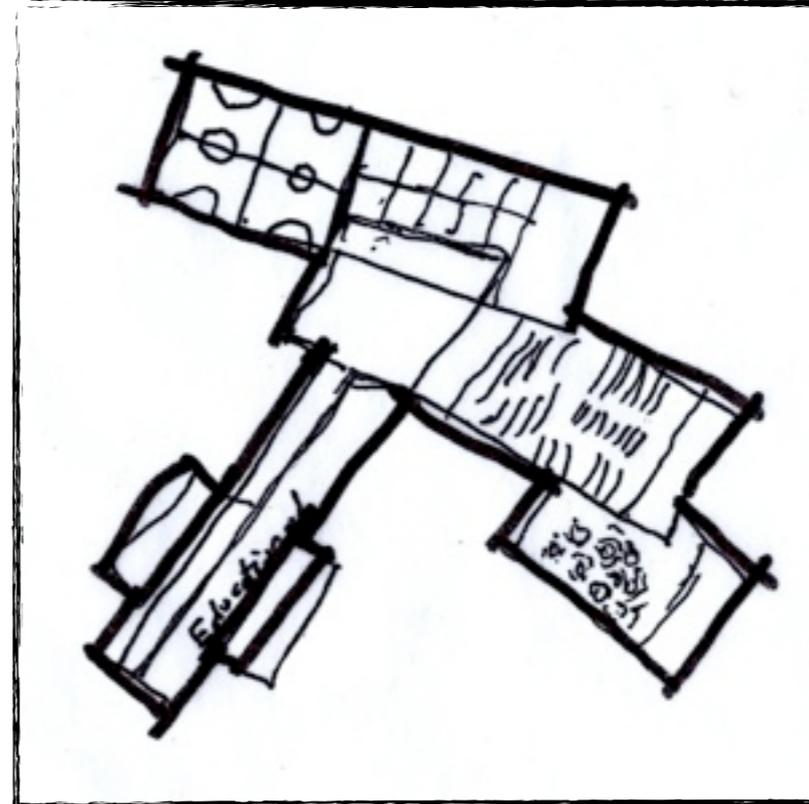
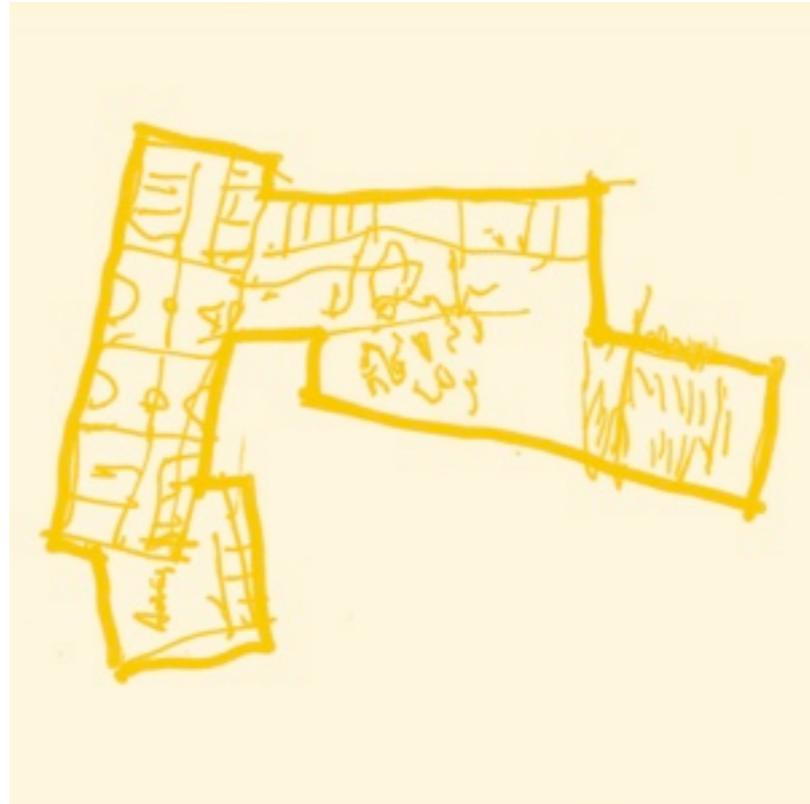
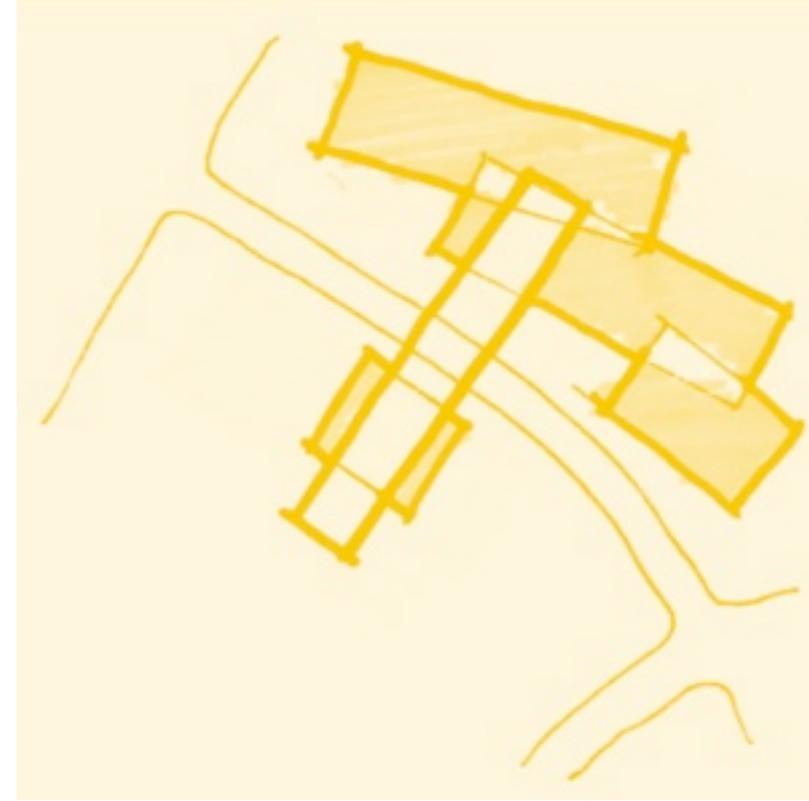
Auditorium
 Administration
 Cafe / Coffee Shop
 Childcare Center
 Community Courtyard
 Conference Room
 Counseling
 Entrance / Lobby
 Exercise Studio
 Fellowship Hall
 Gymnasium
 Kitchen
 Mechanical / Electrical
 Parking
 Prayer Lounge
 Private Toilets
 Public Toilets
 Receptionist
 Resource Center
 Storage / Custodial

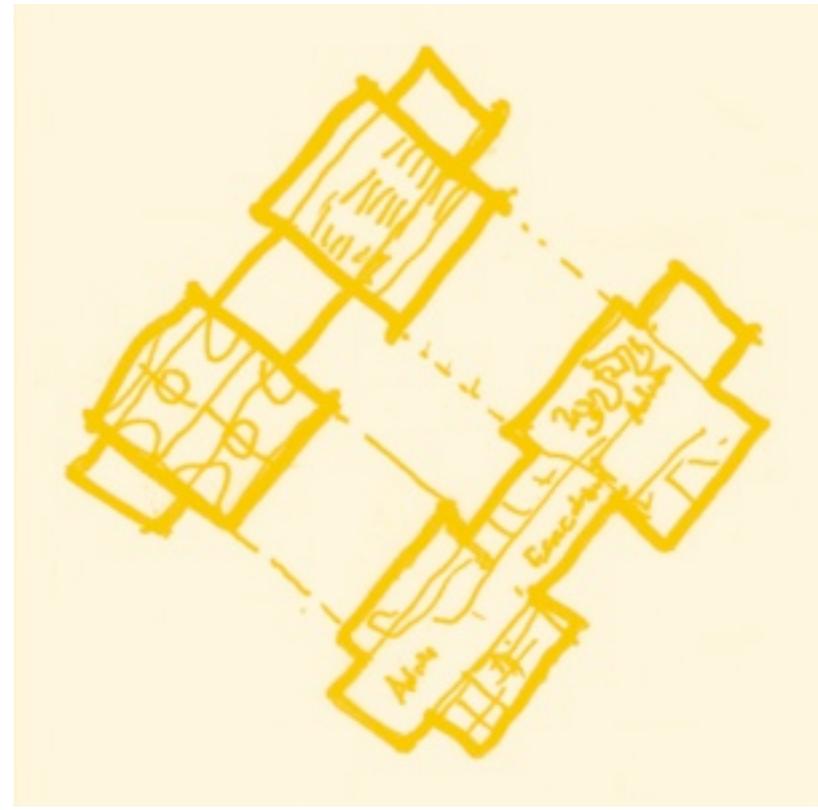
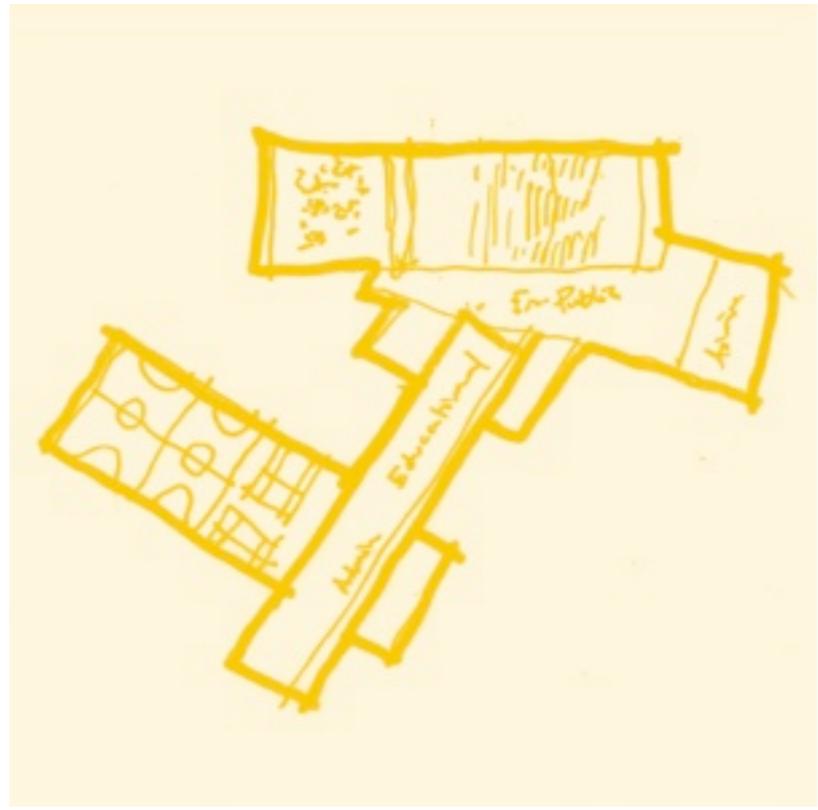
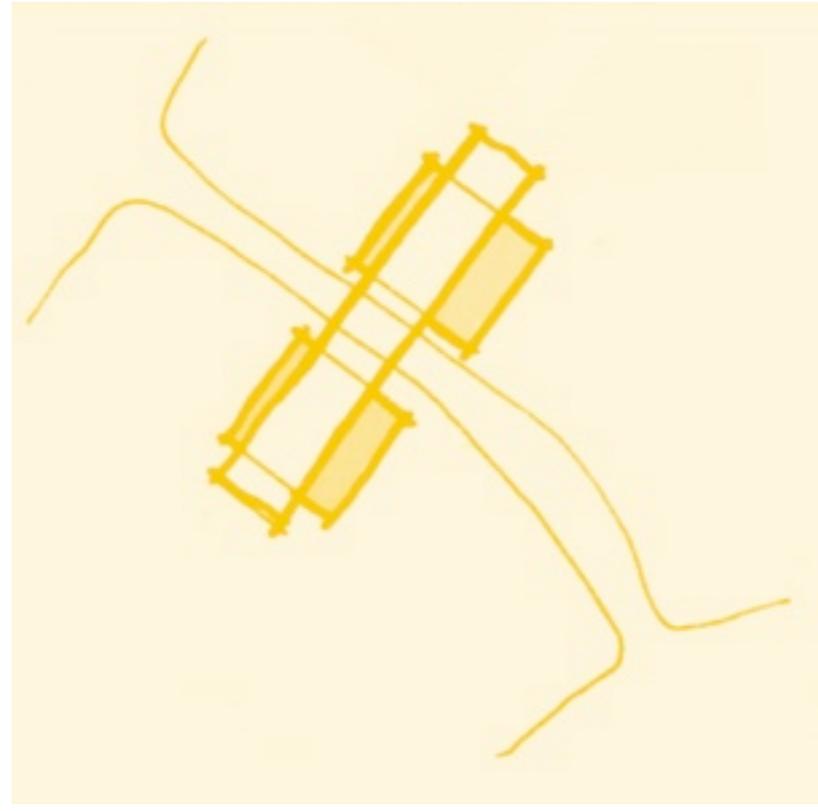
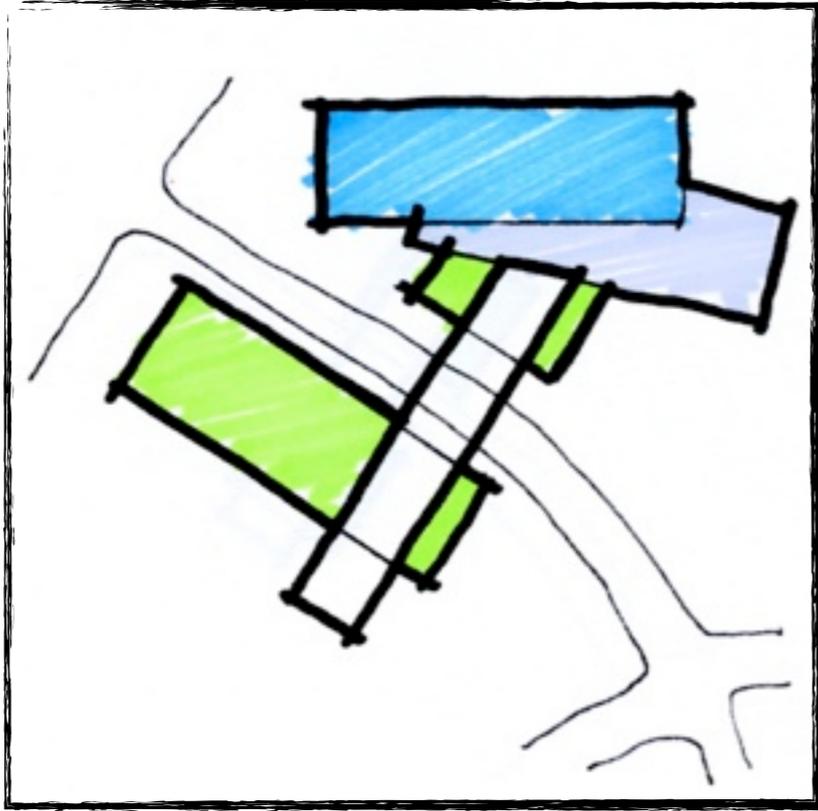
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Administration	Essential	Not Needed	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Cafe / Coffee Shop	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Desirable	Desirable	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed
Childcare Center	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed
Community Courtyard	Not Needed	Essential	Not Needed	Not Needed	Essential	Essential	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Essential	Essential	Not Needed	Not Needed
Conference Room	Essential	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Counseling	Desirable	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Entrance / Lobby	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed	Not Needed
Exercise Studio	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Fellowship Hall	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed
Gymnasium	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Kitchen	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Essential	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Mechanical / Electrical	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Essential
Parking	Not Needed	Not Needed	Not Needed	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Prayer Lounge	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed	Not Needed
Private Toilets	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Public Toilets	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed
Receptionist	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed	Not Needed
Resource Center	Desirable	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Desirable	Not Needed	Not Needed
Storage / Custodial	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Essential	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Not Needed	Overlapping Program	Not Needed

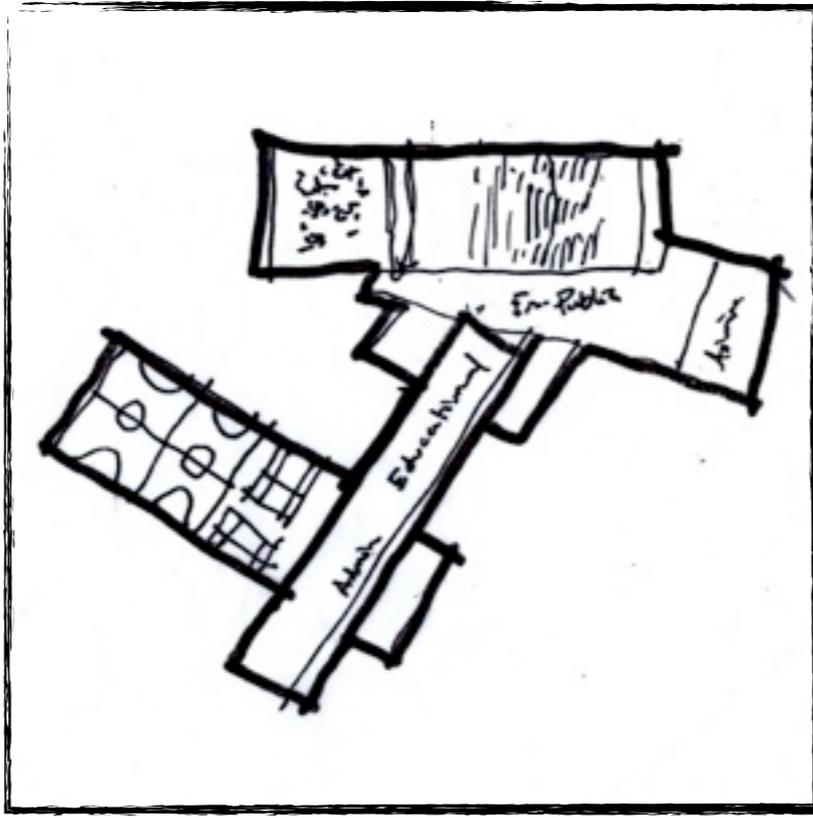
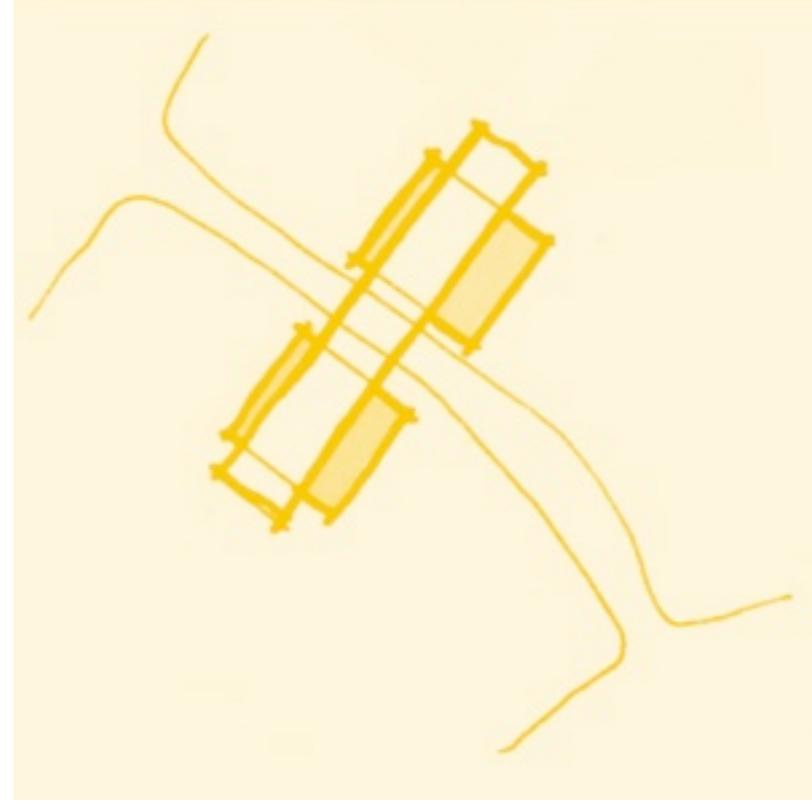
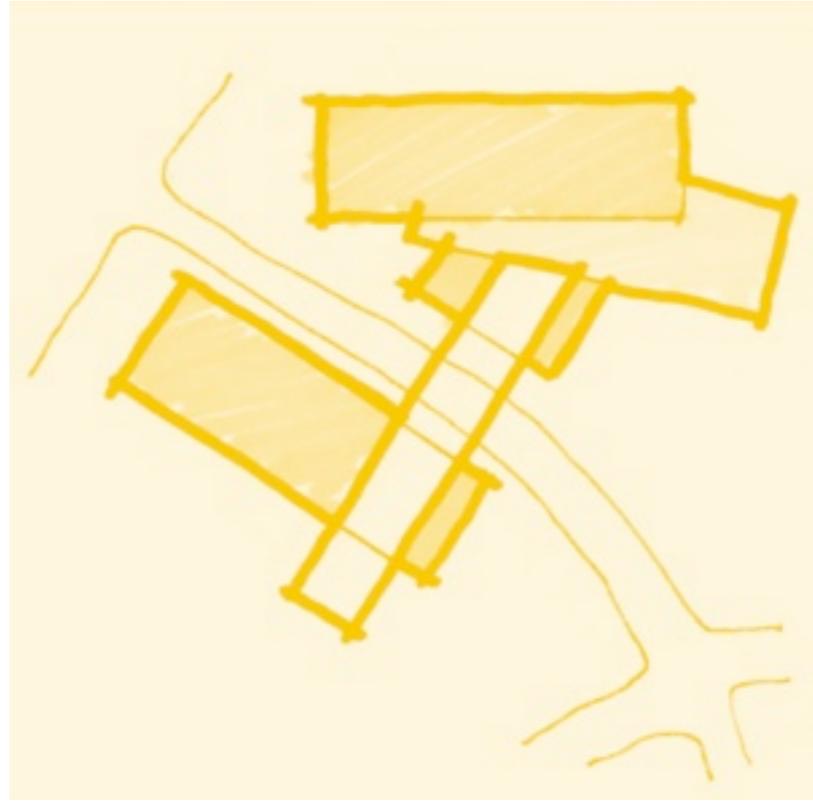


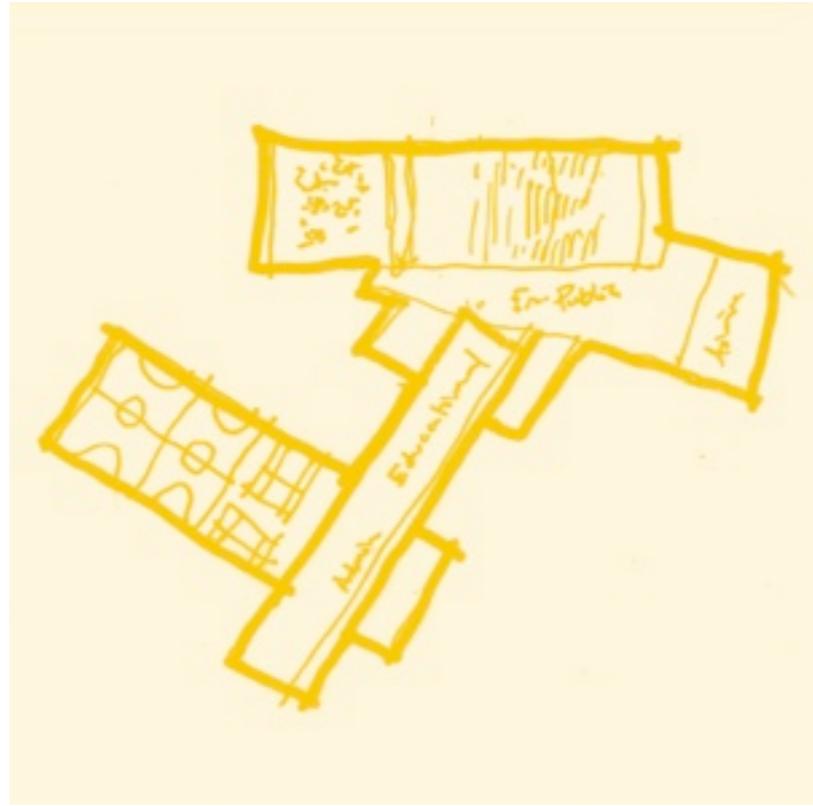
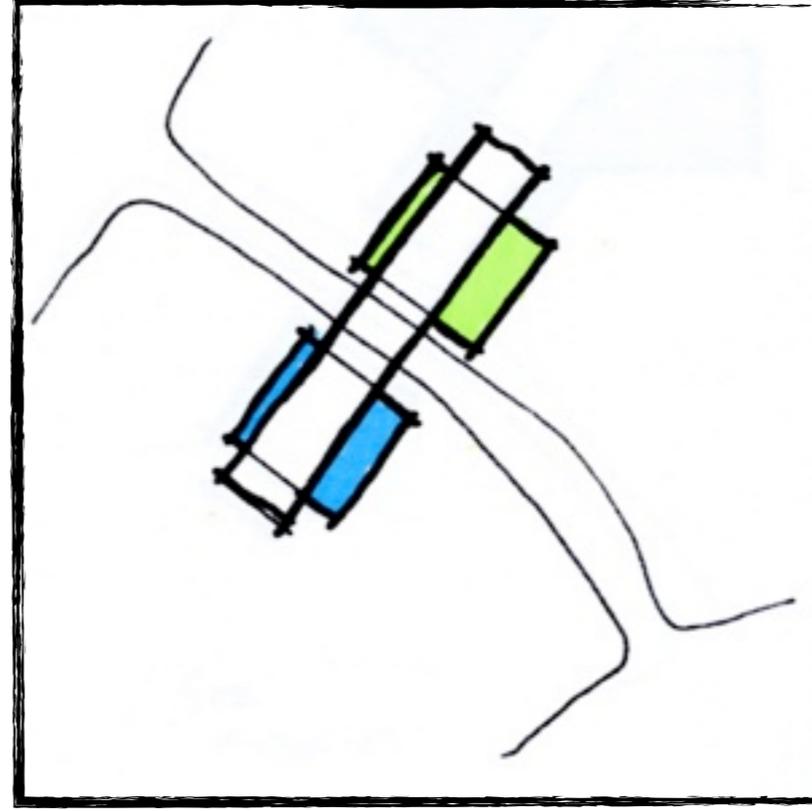


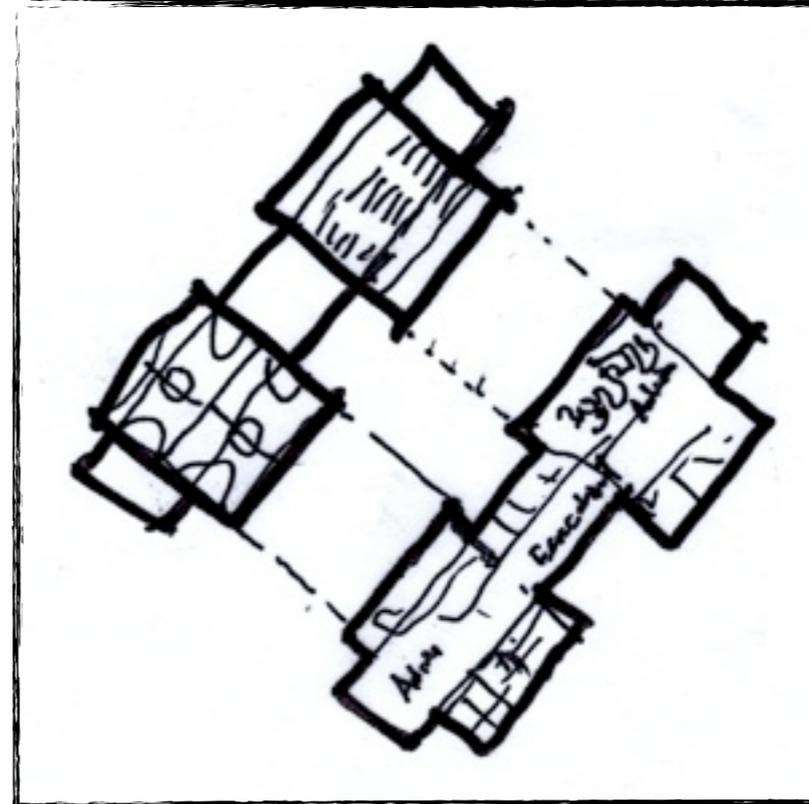
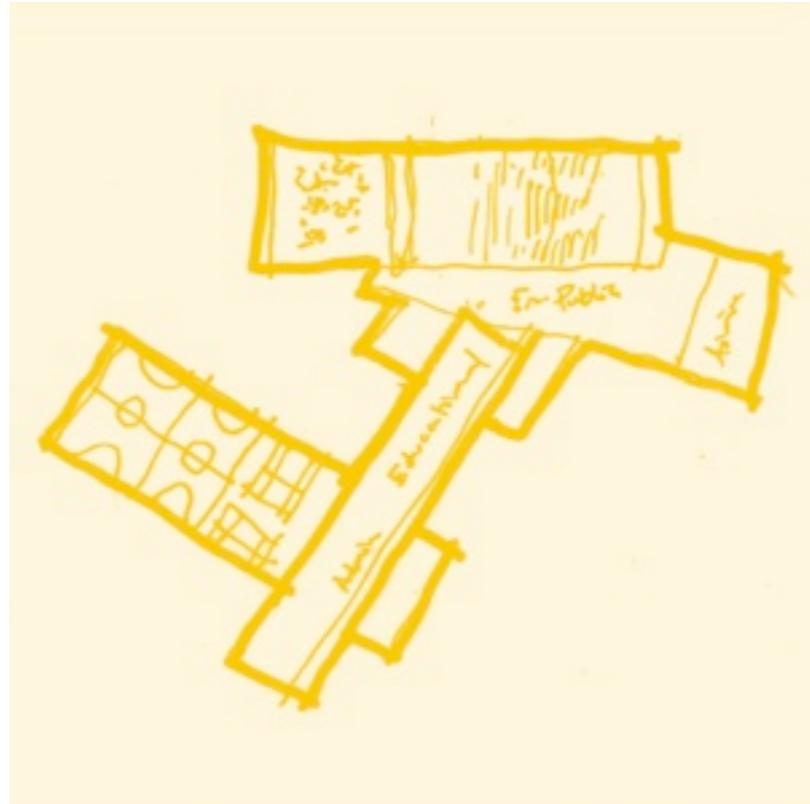
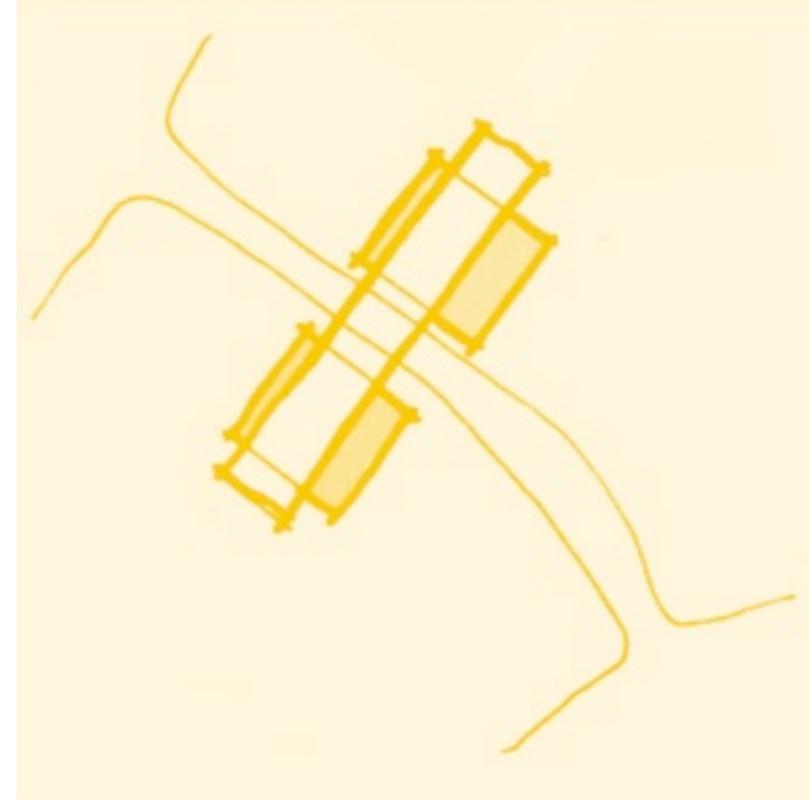
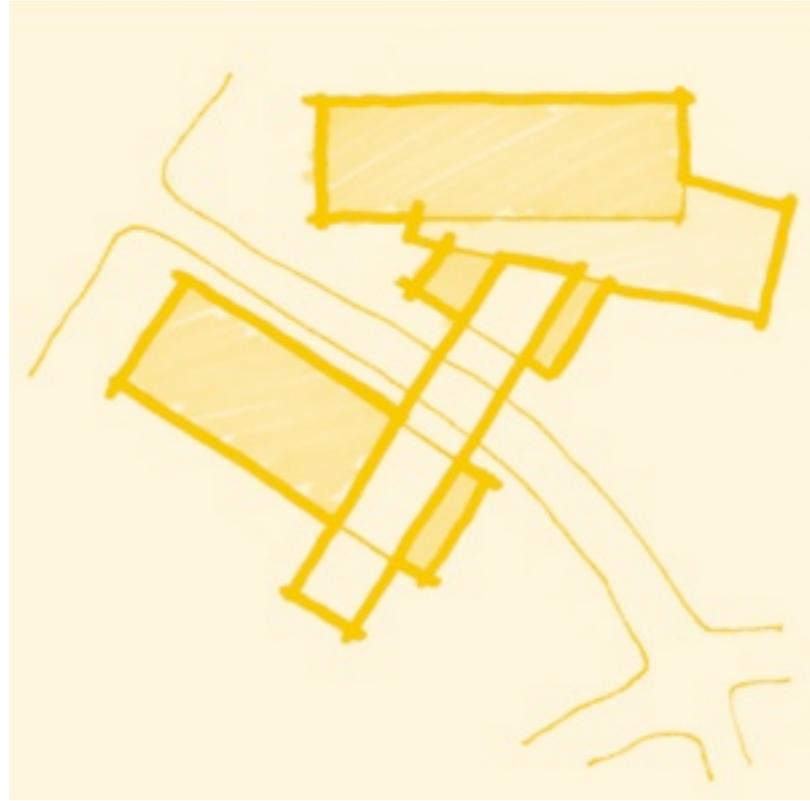


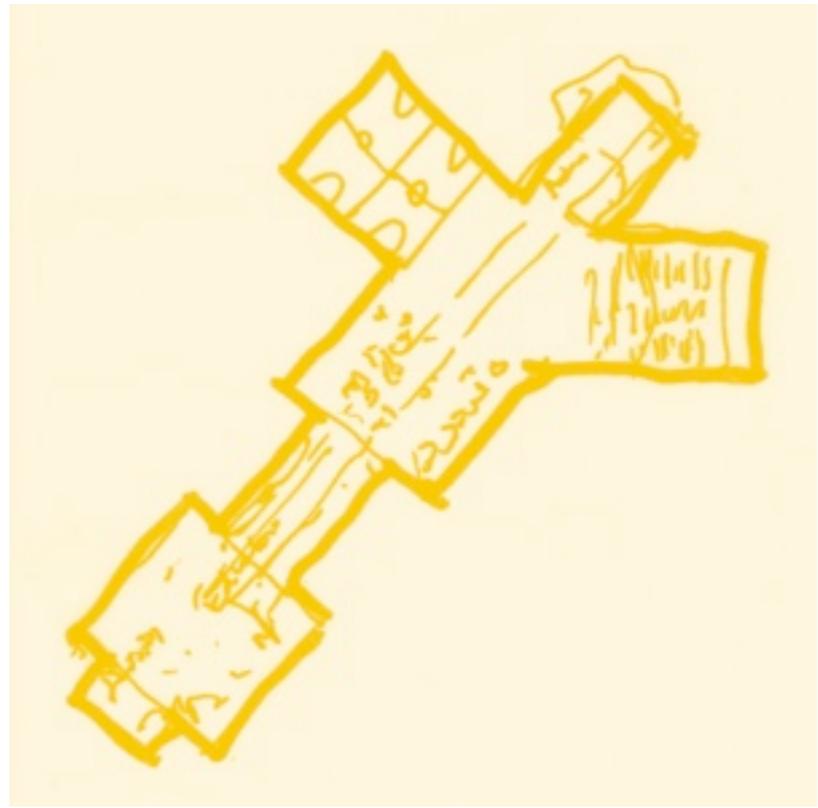
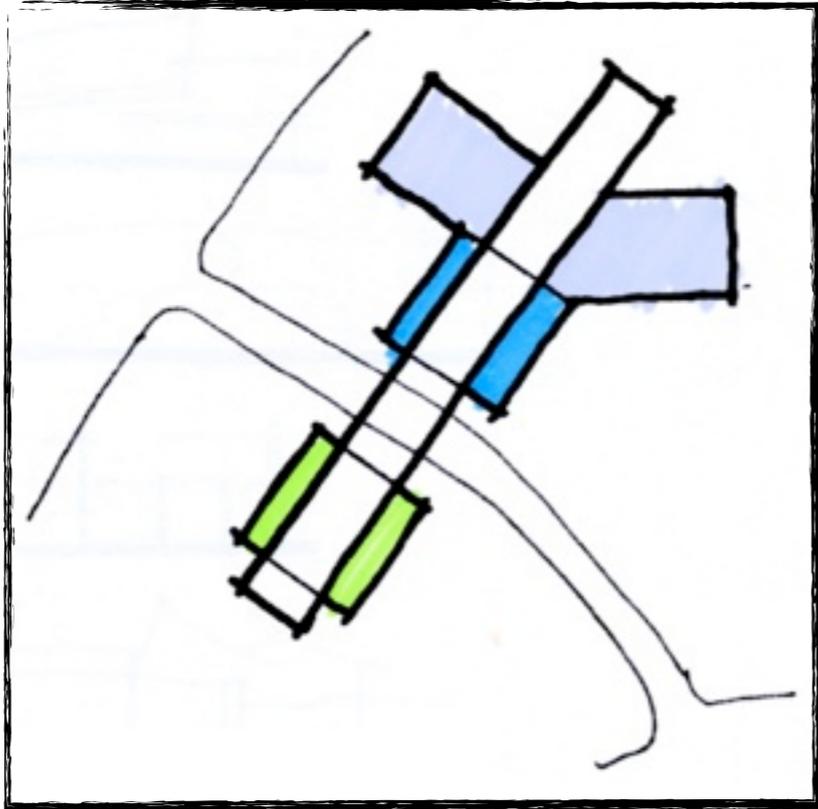


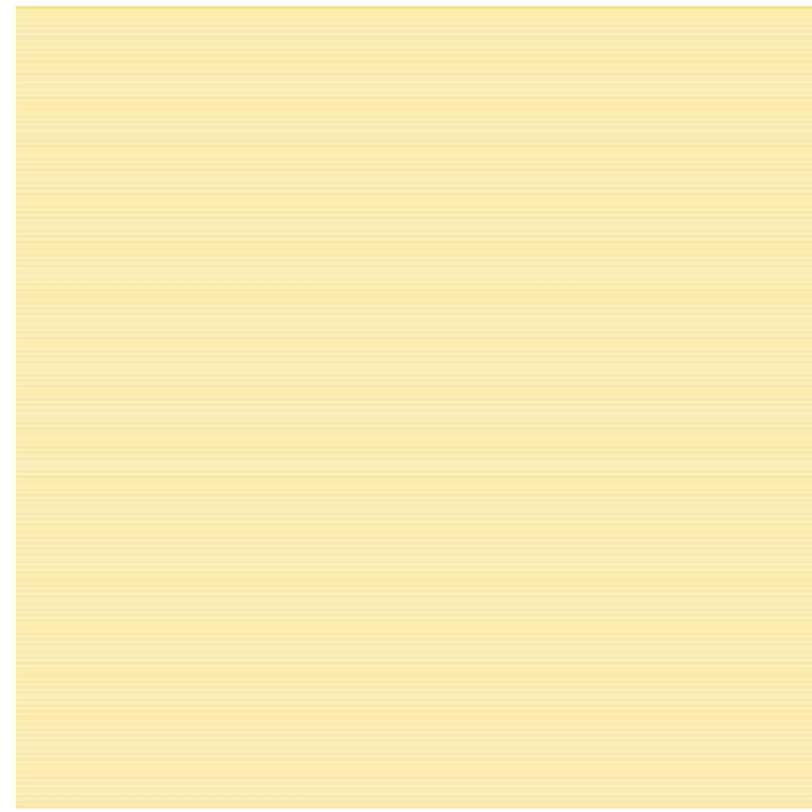
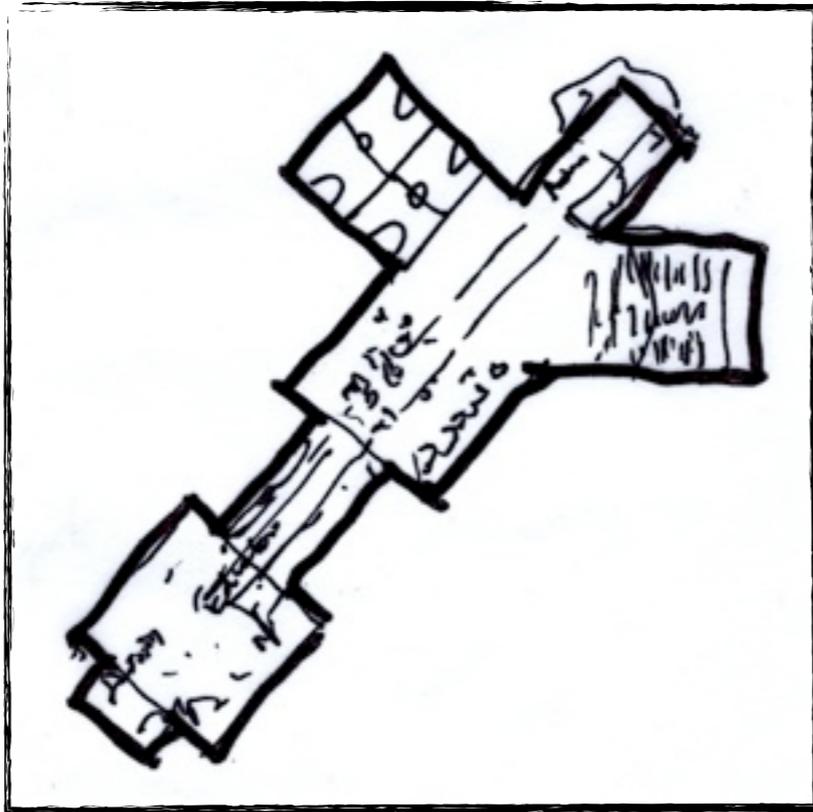
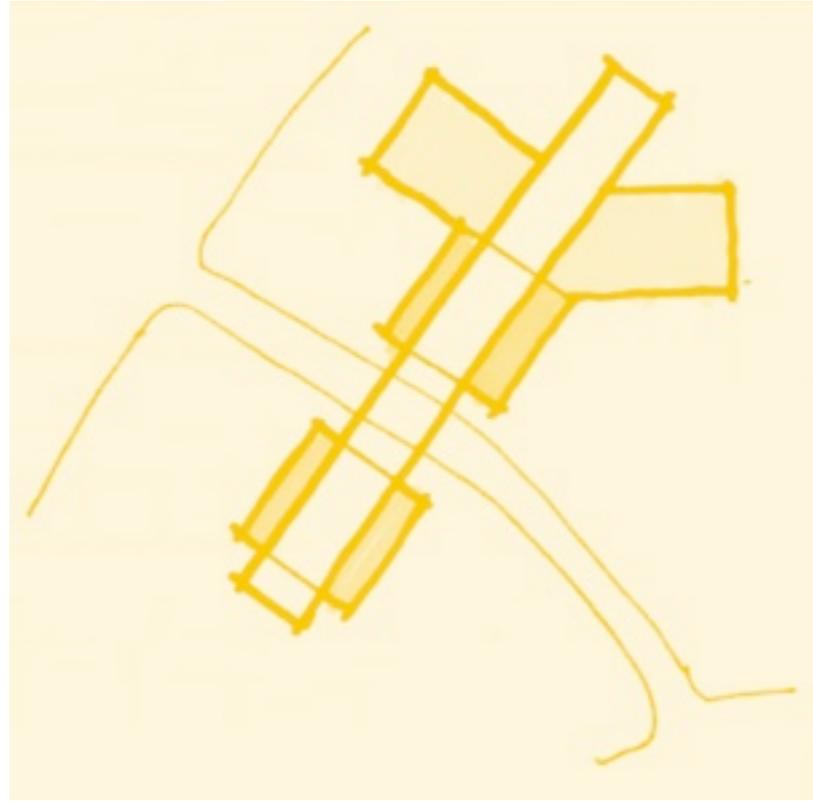


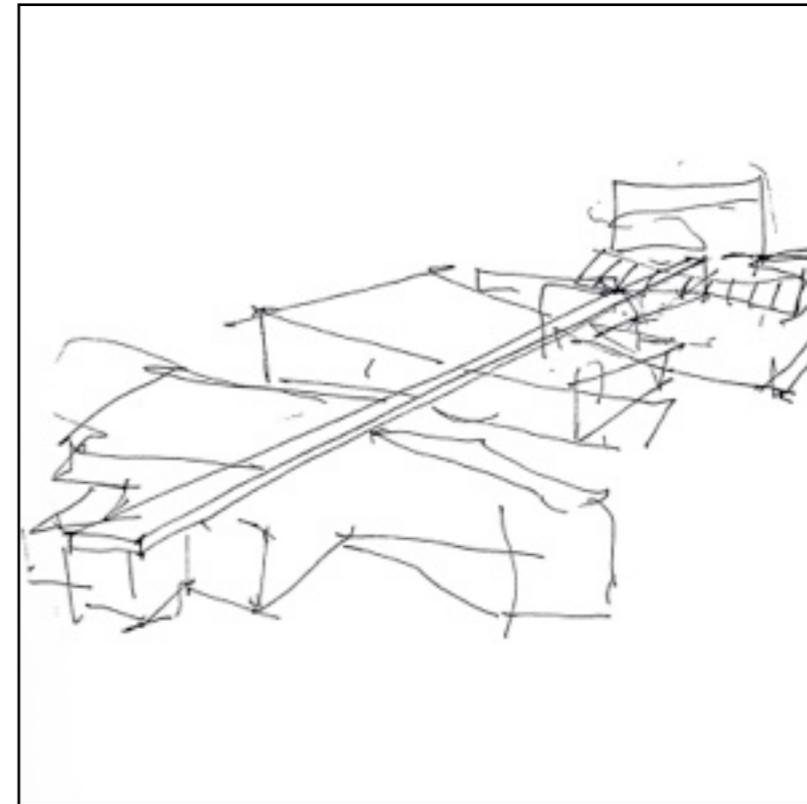
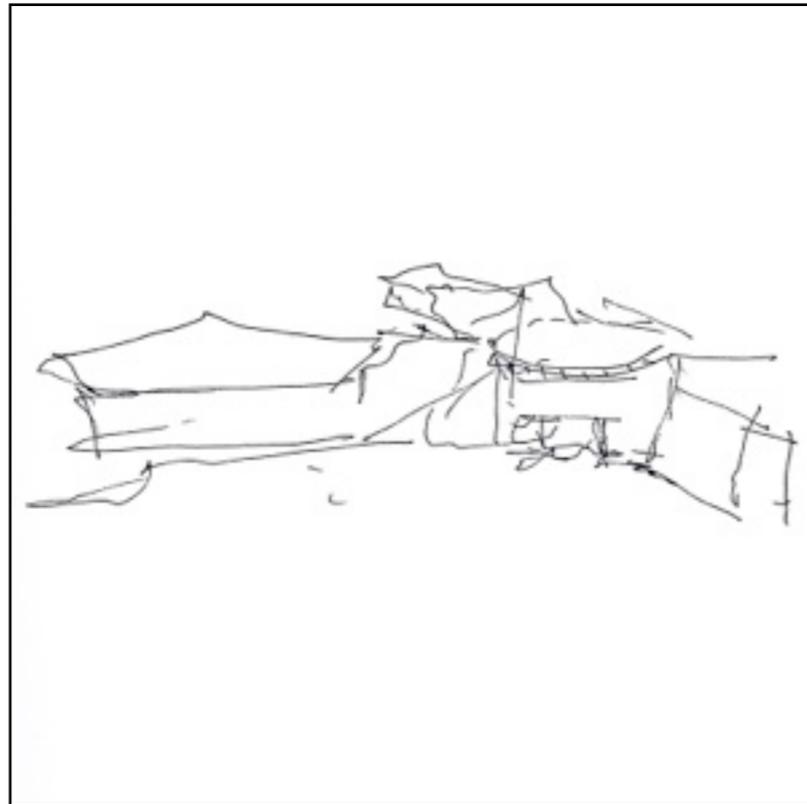
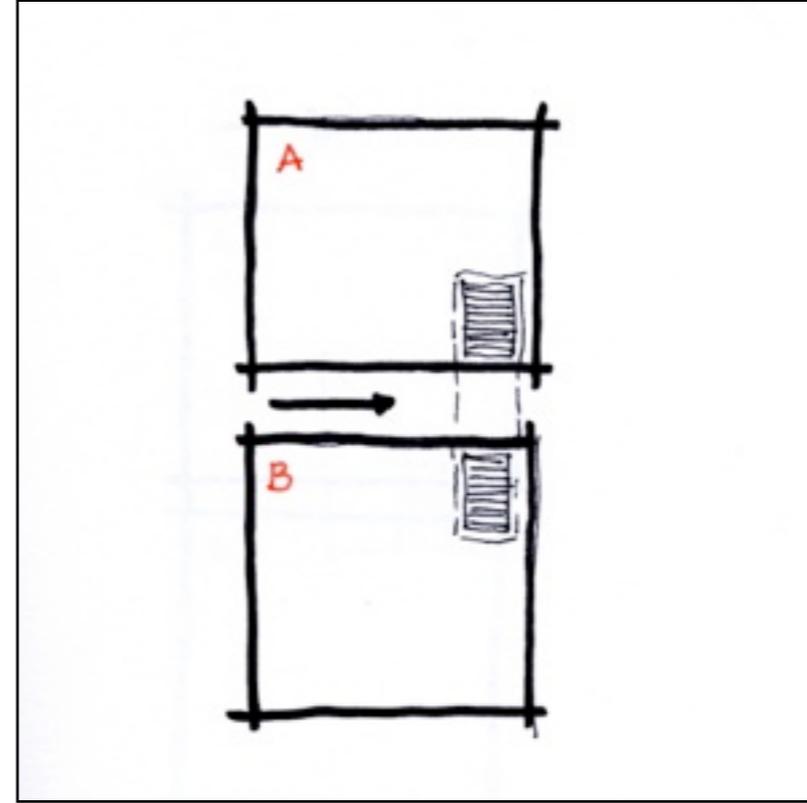
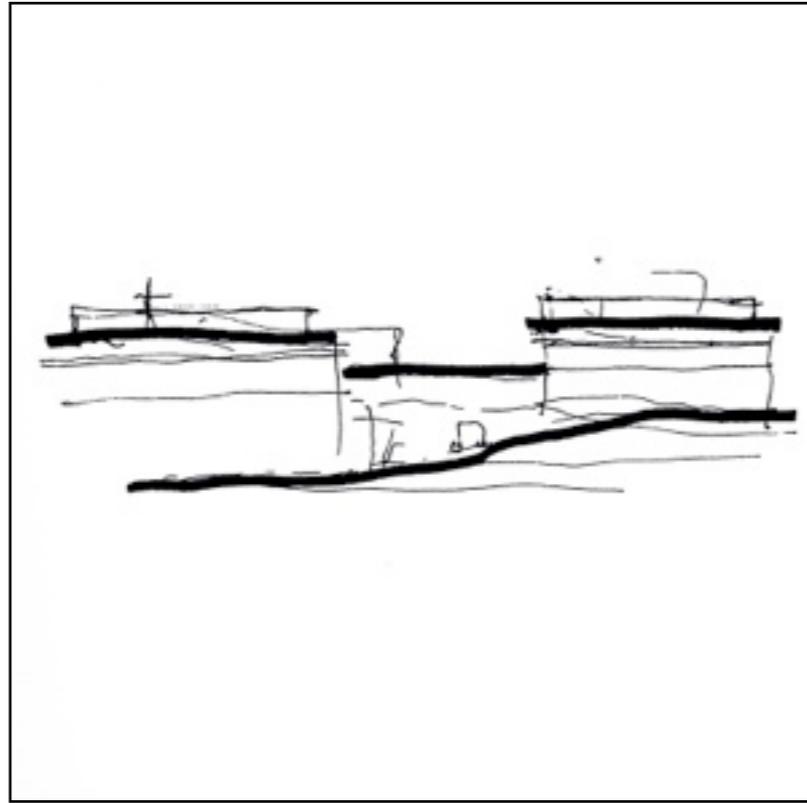


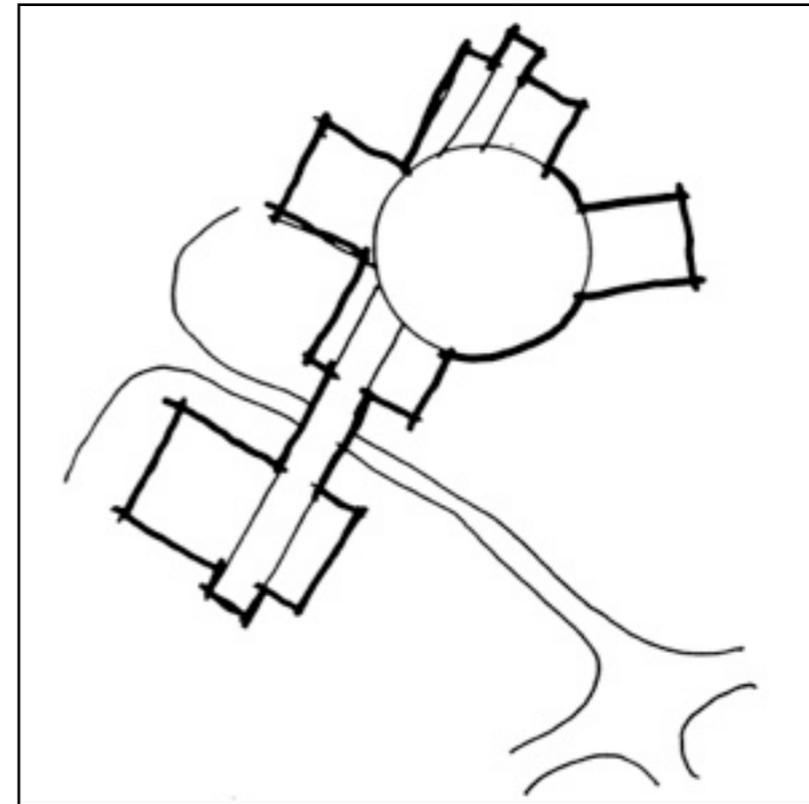
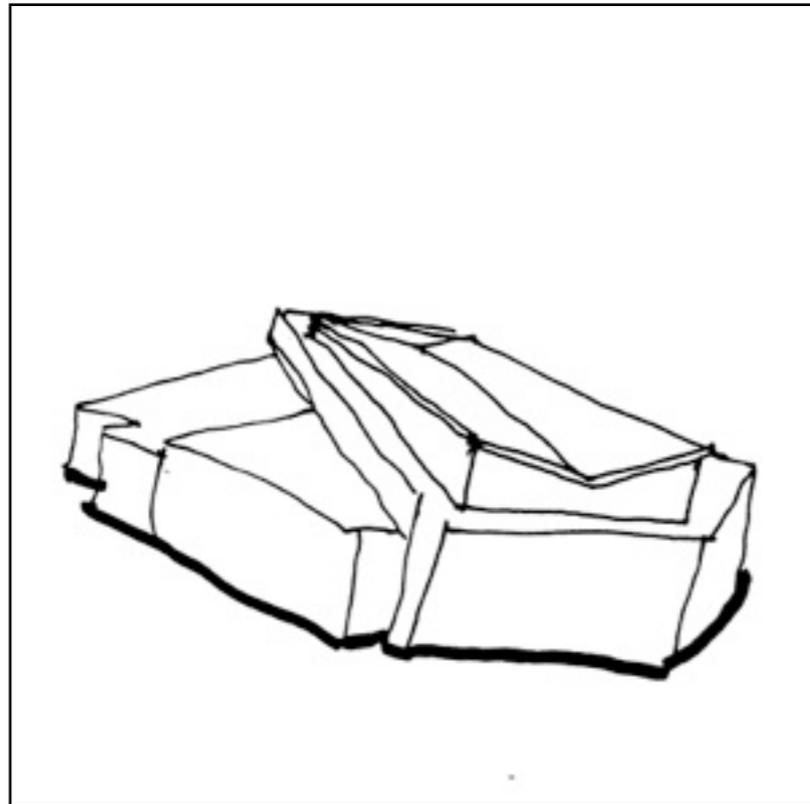
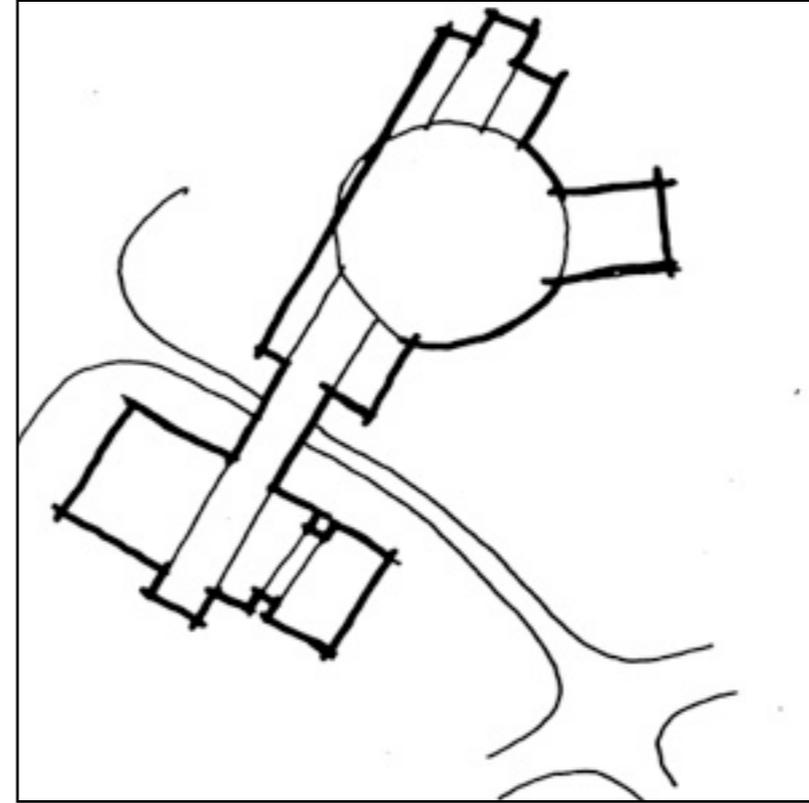
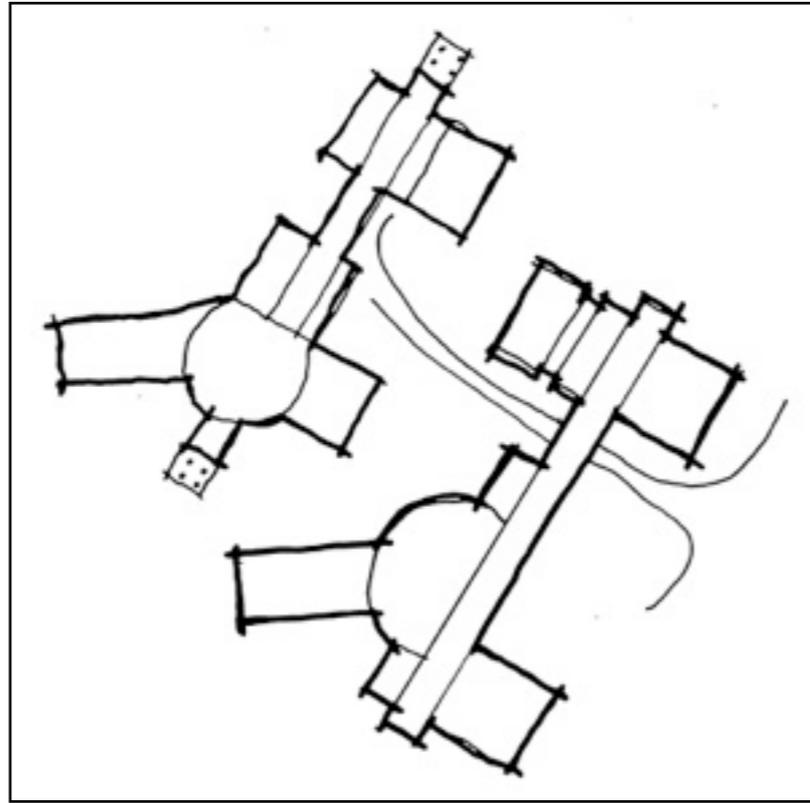


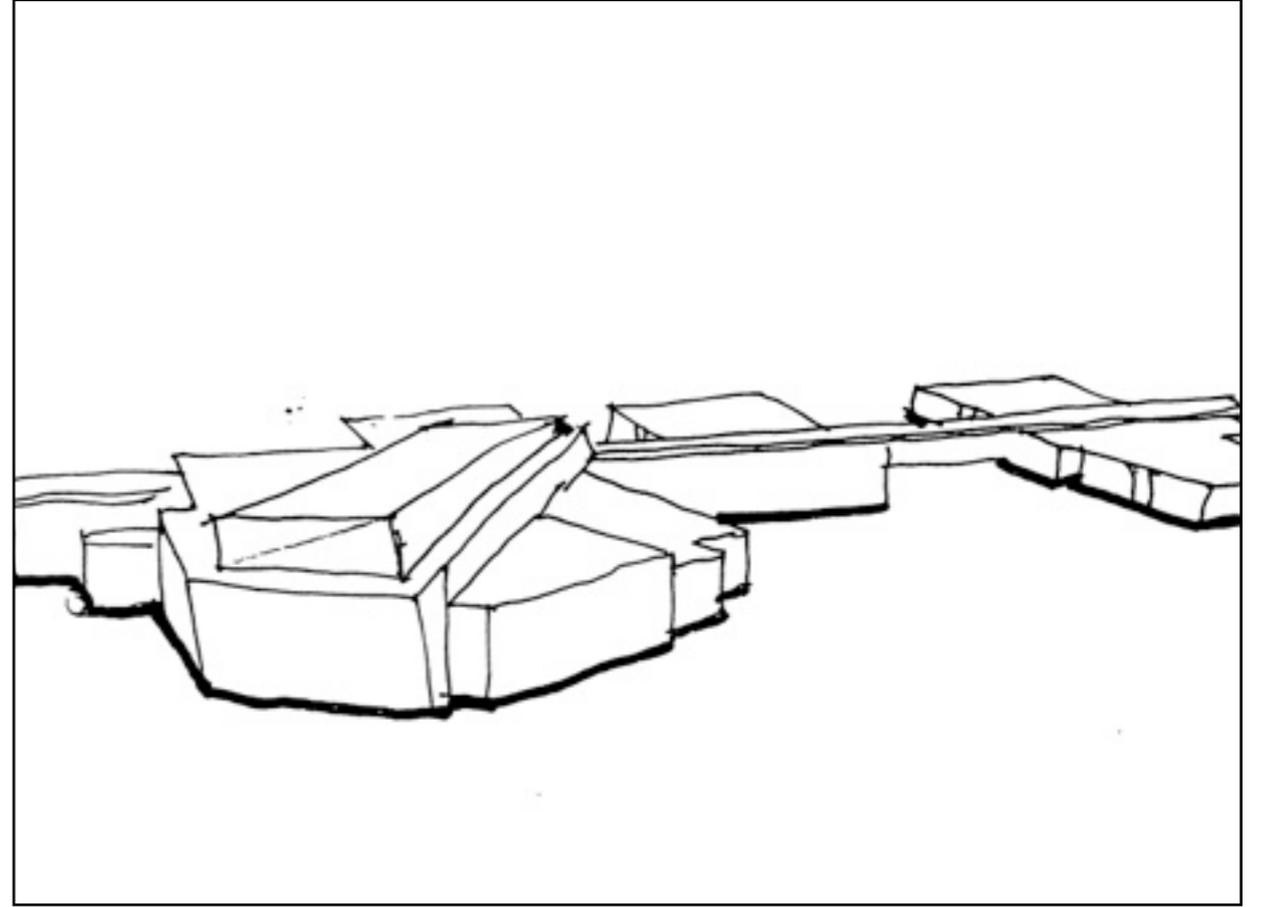
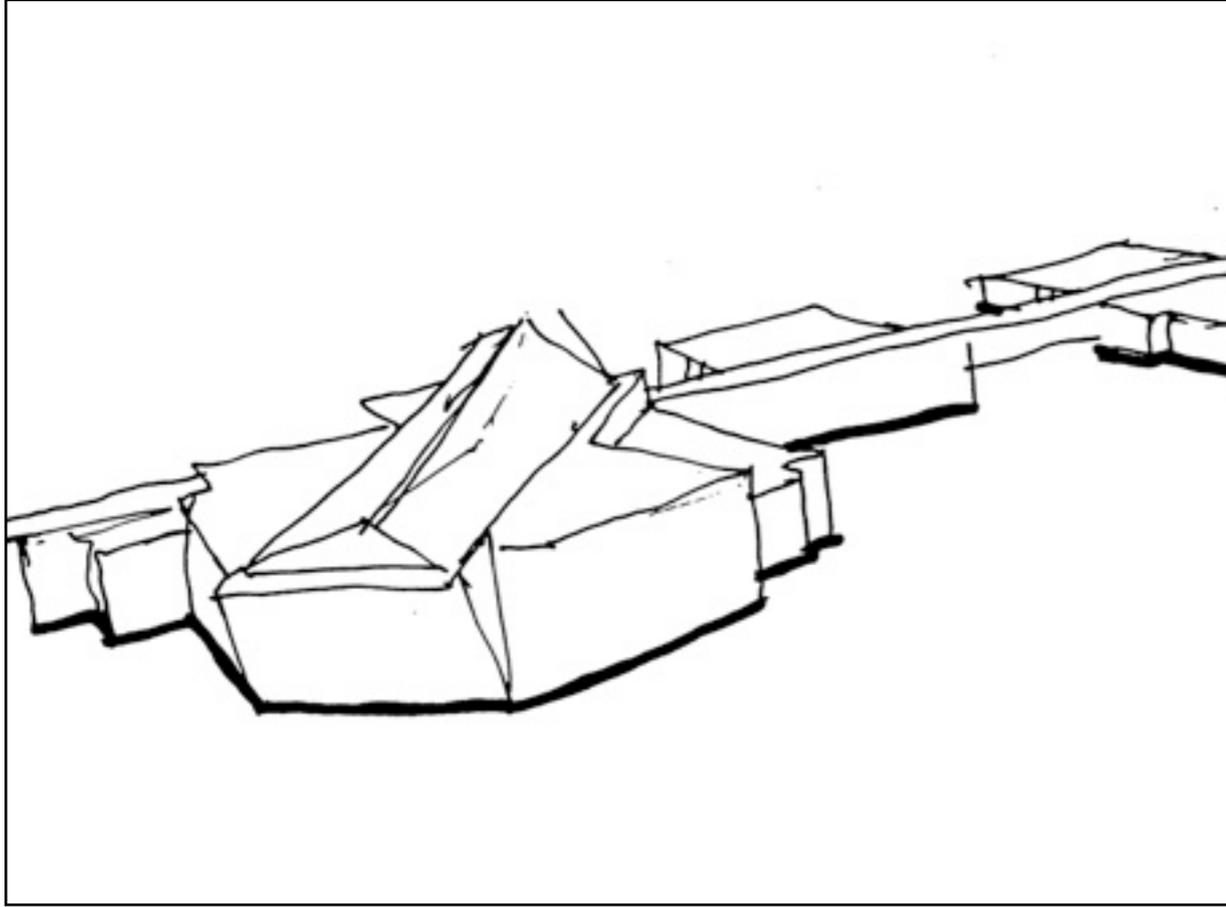








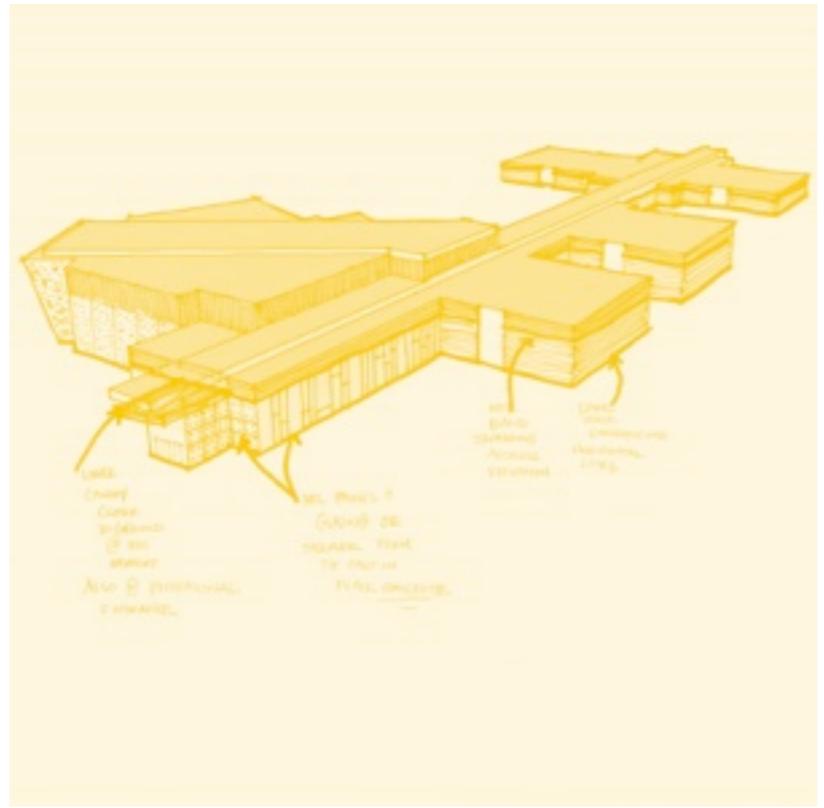
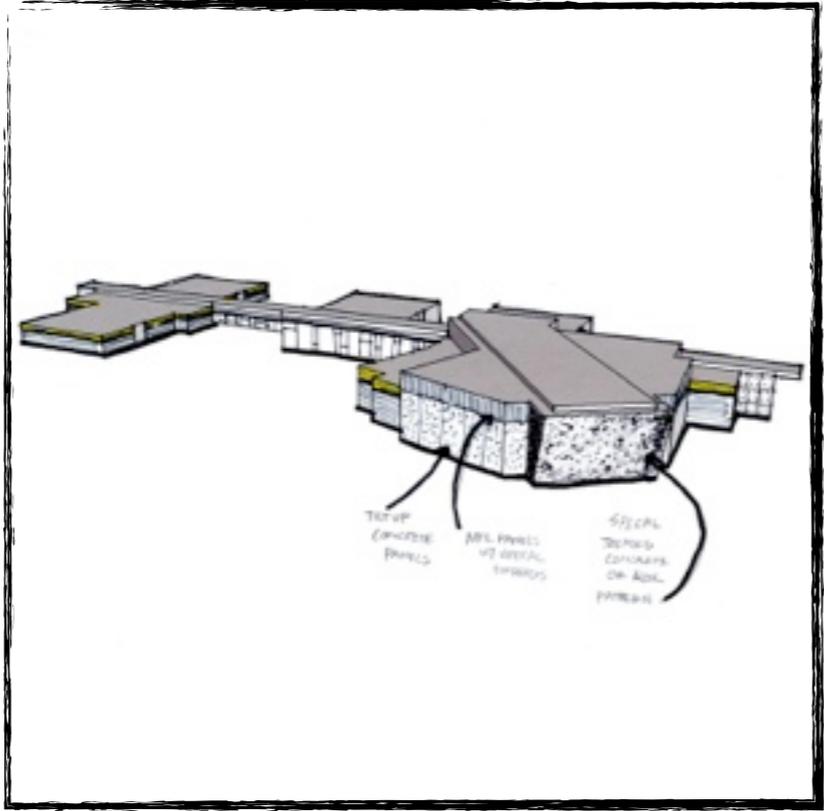


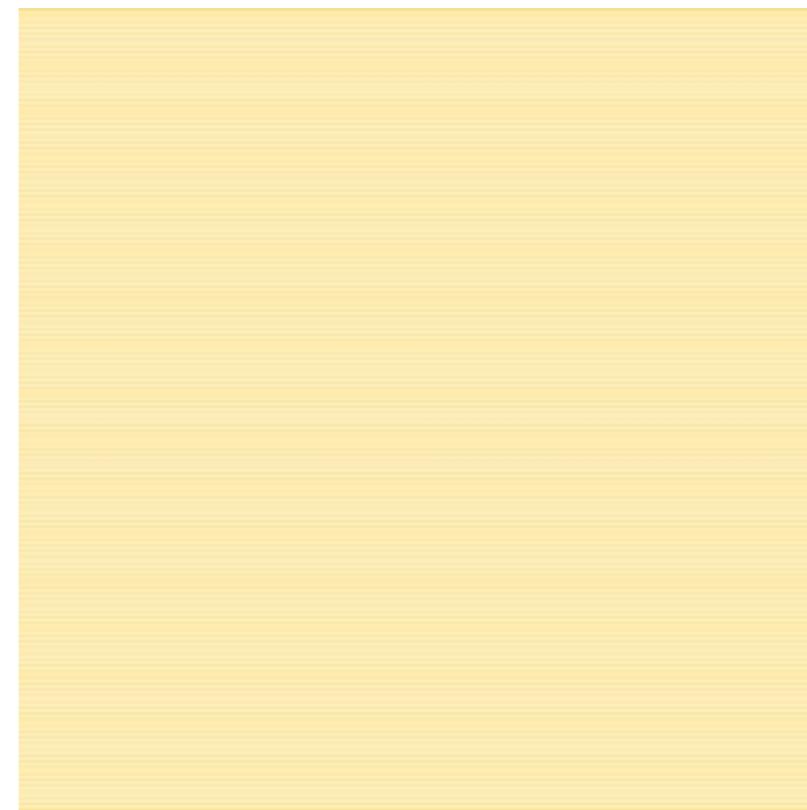
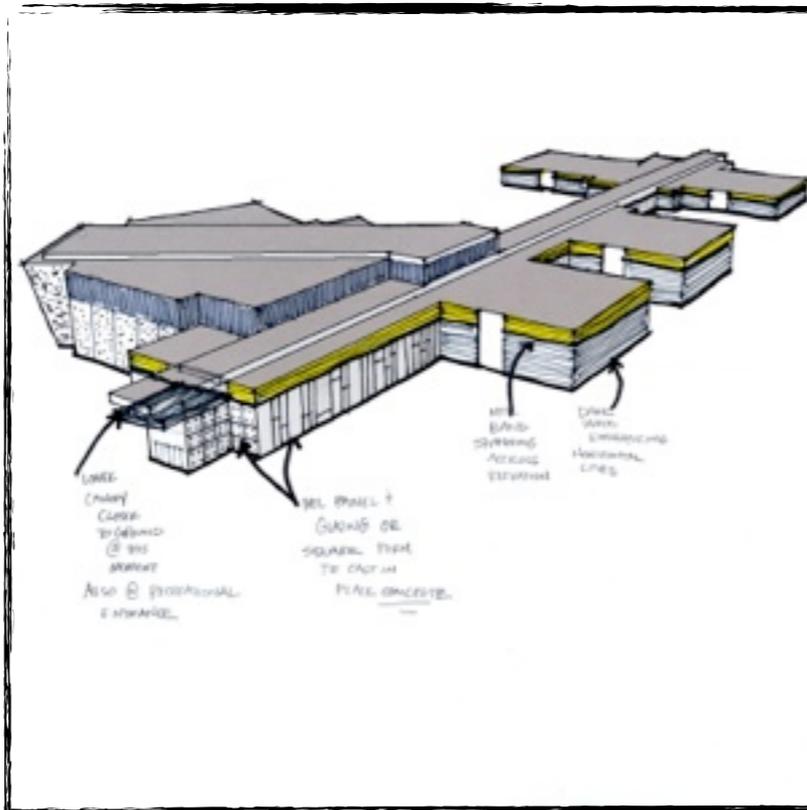
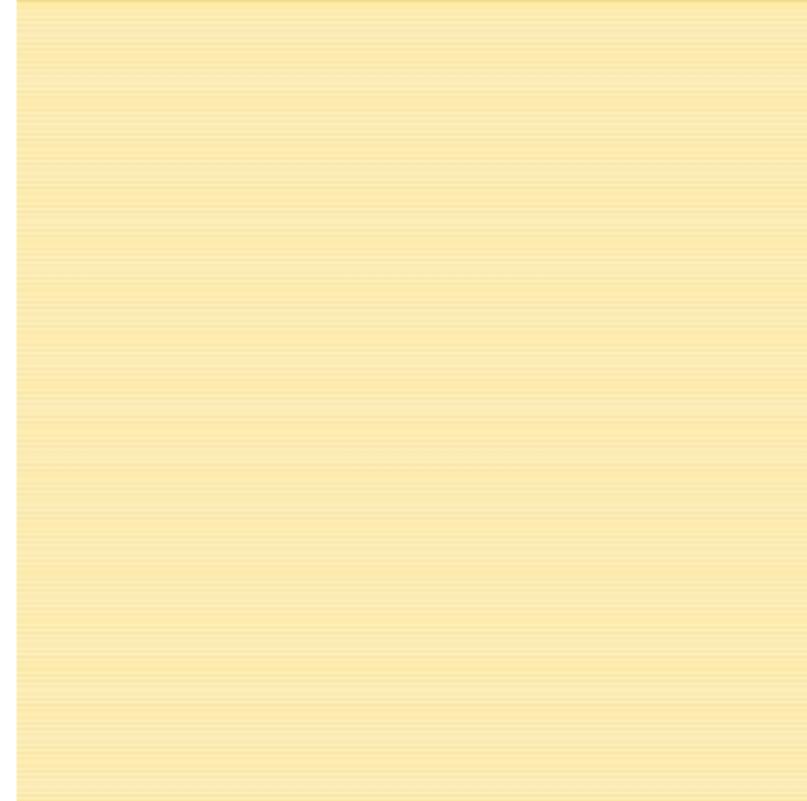
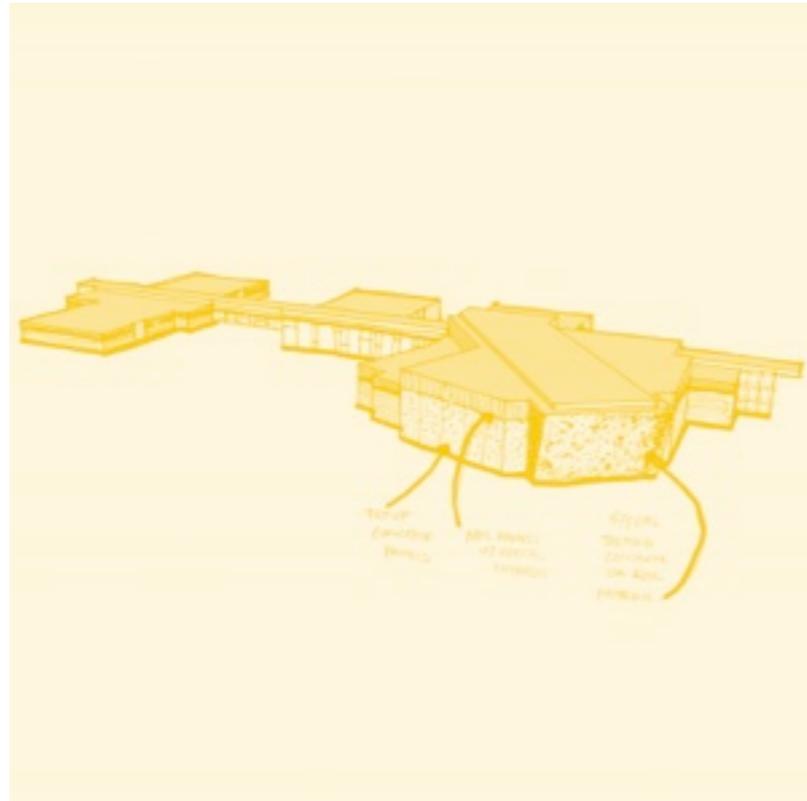


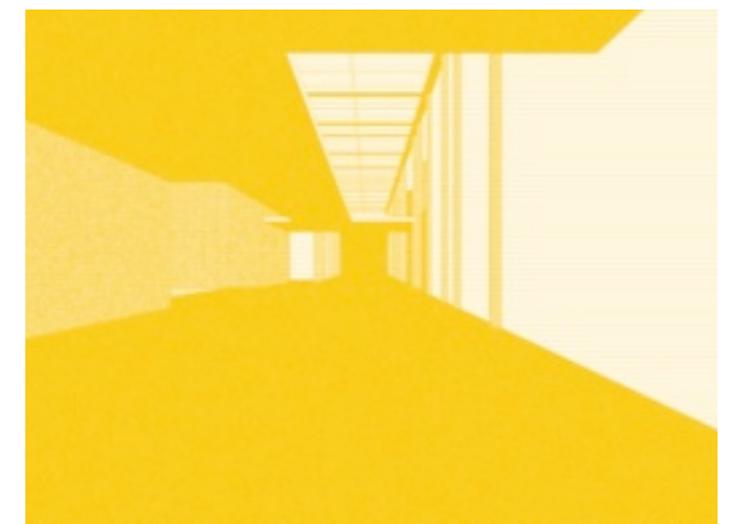
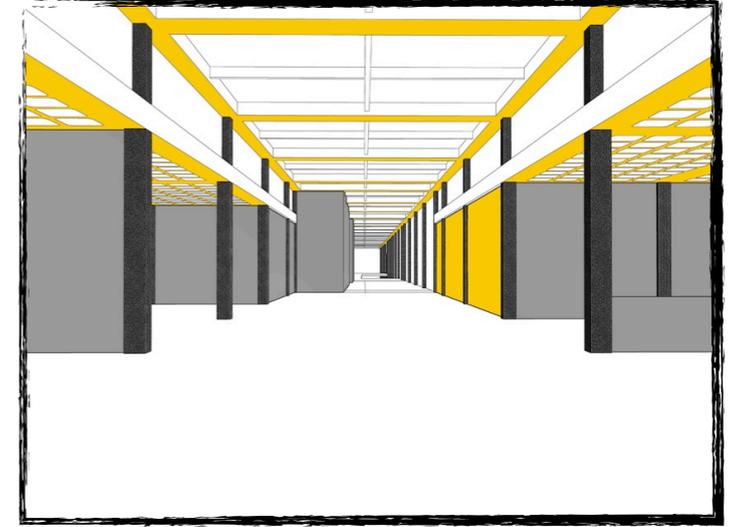


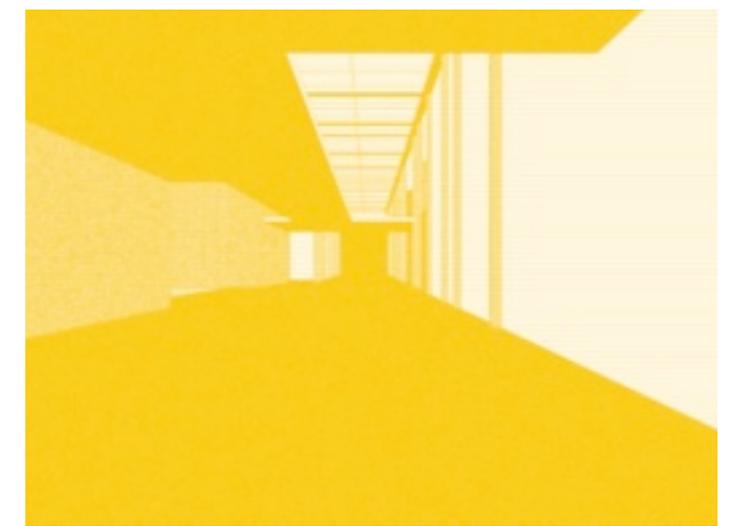
MIDTERM PROGRESS.

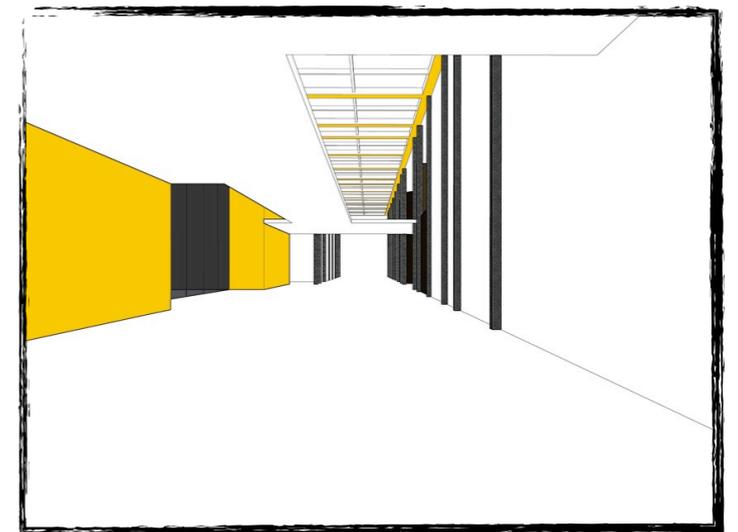
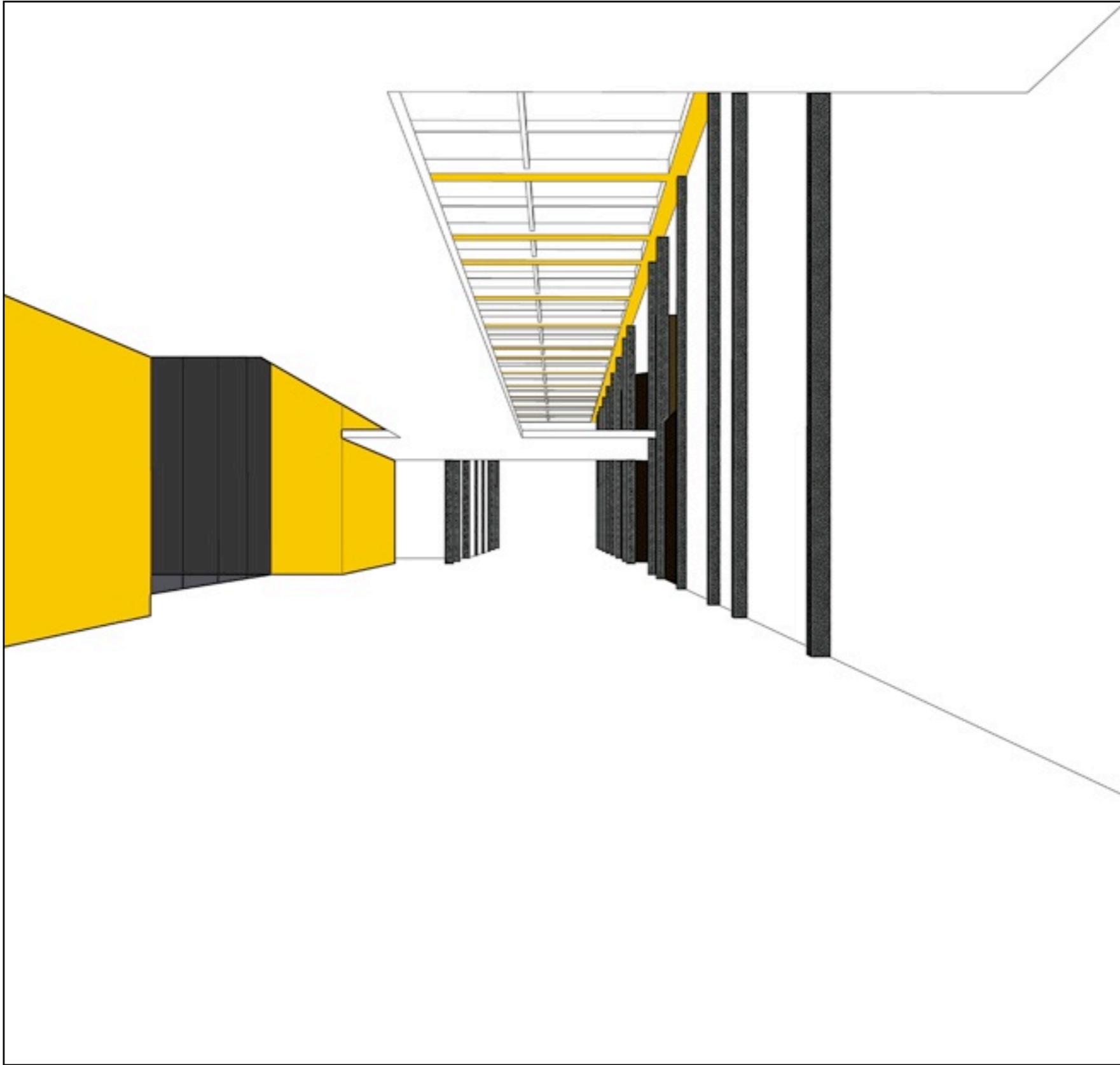
The overall building form was developed with a generic material palette.

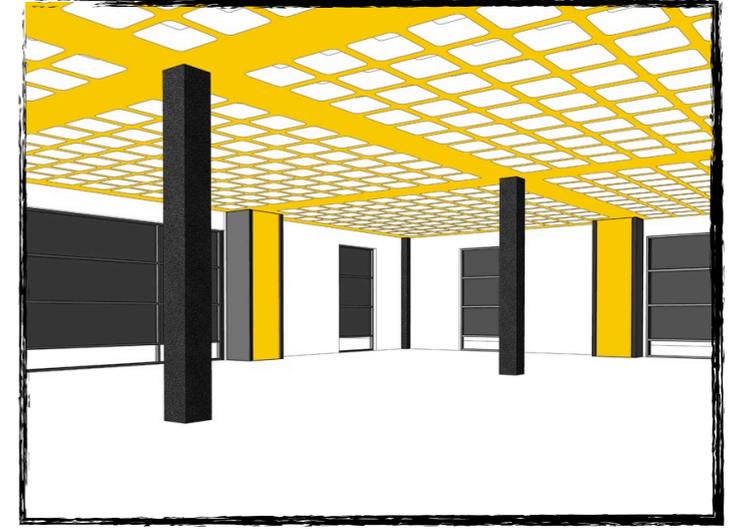
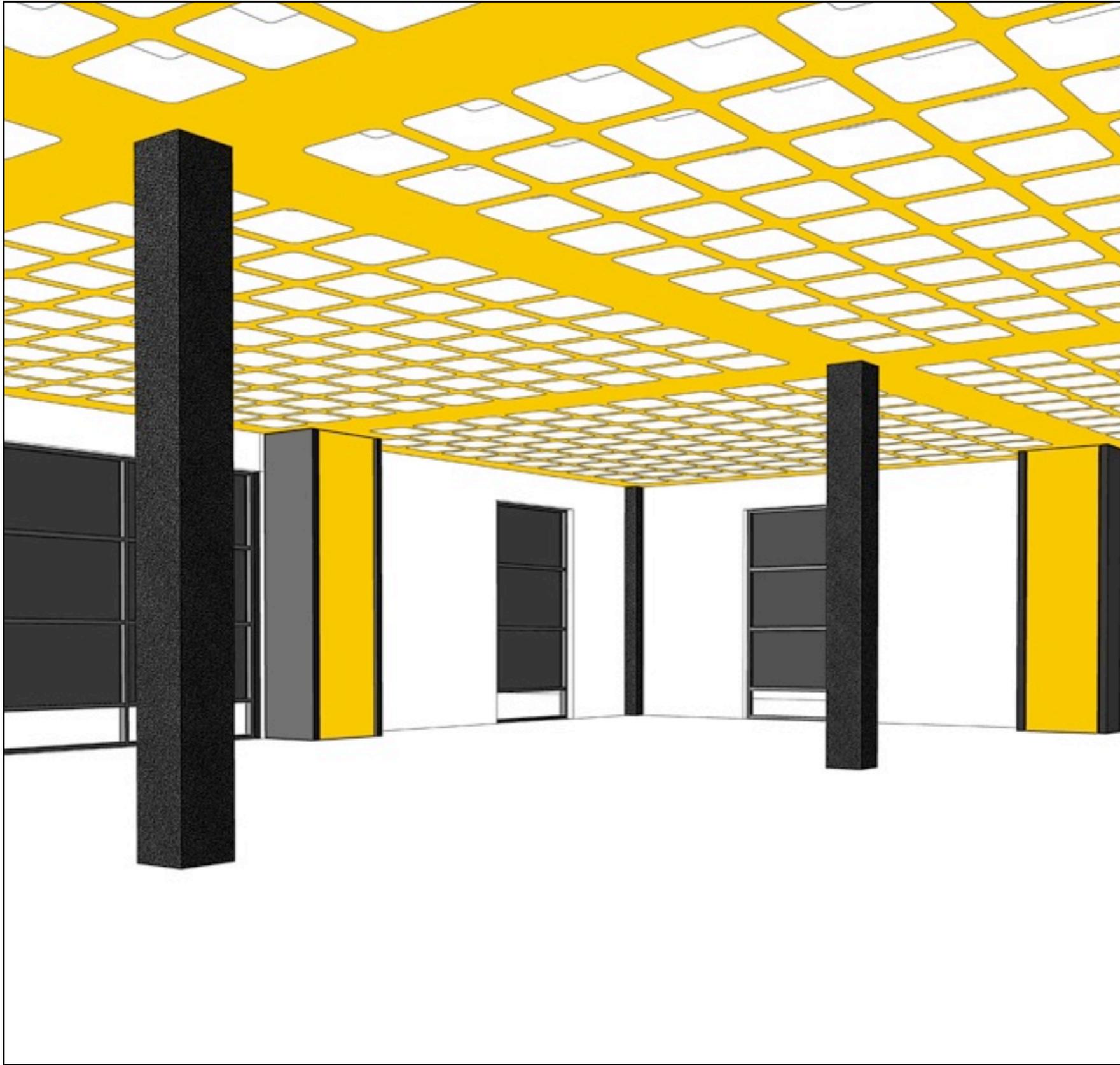


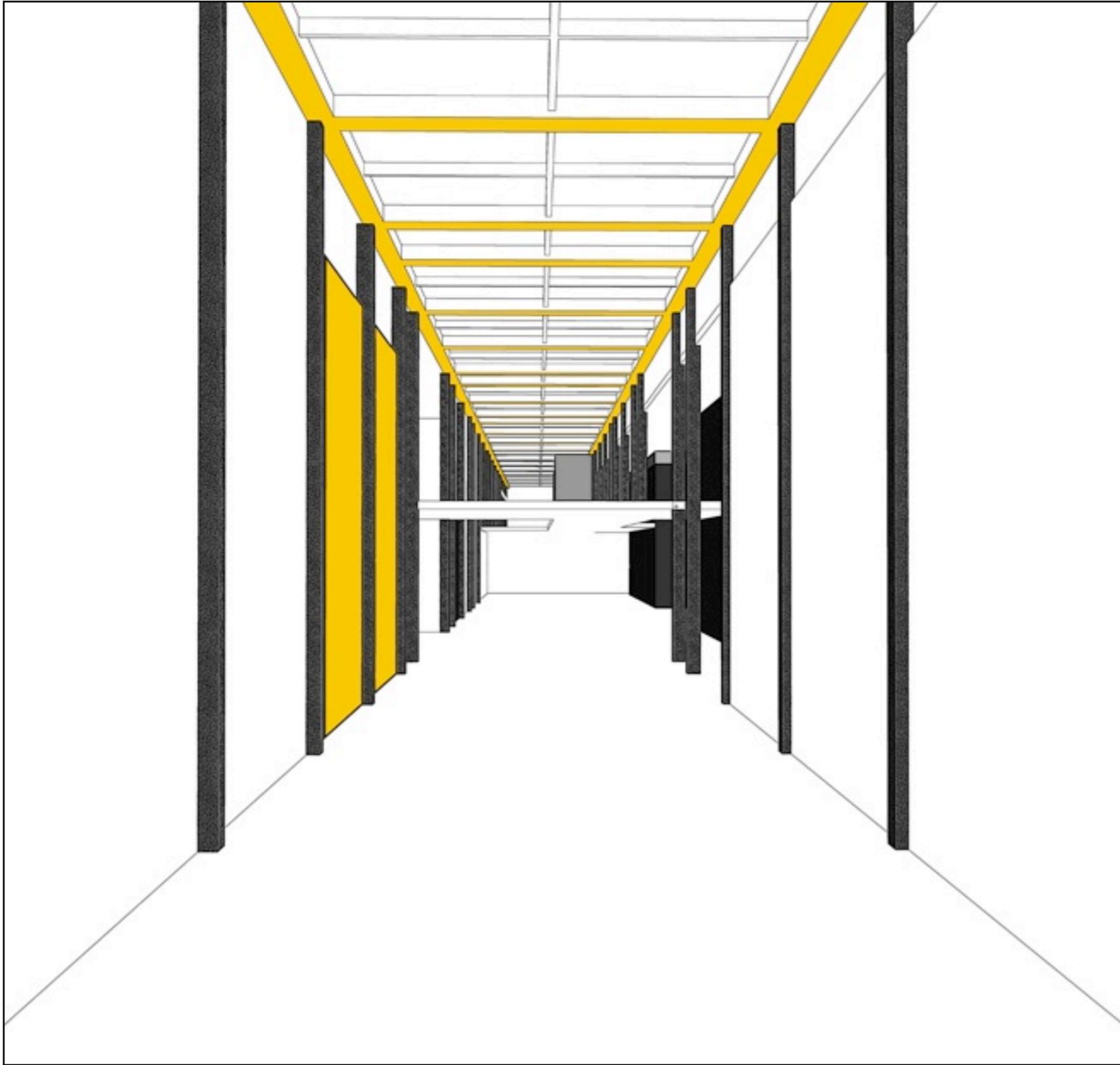


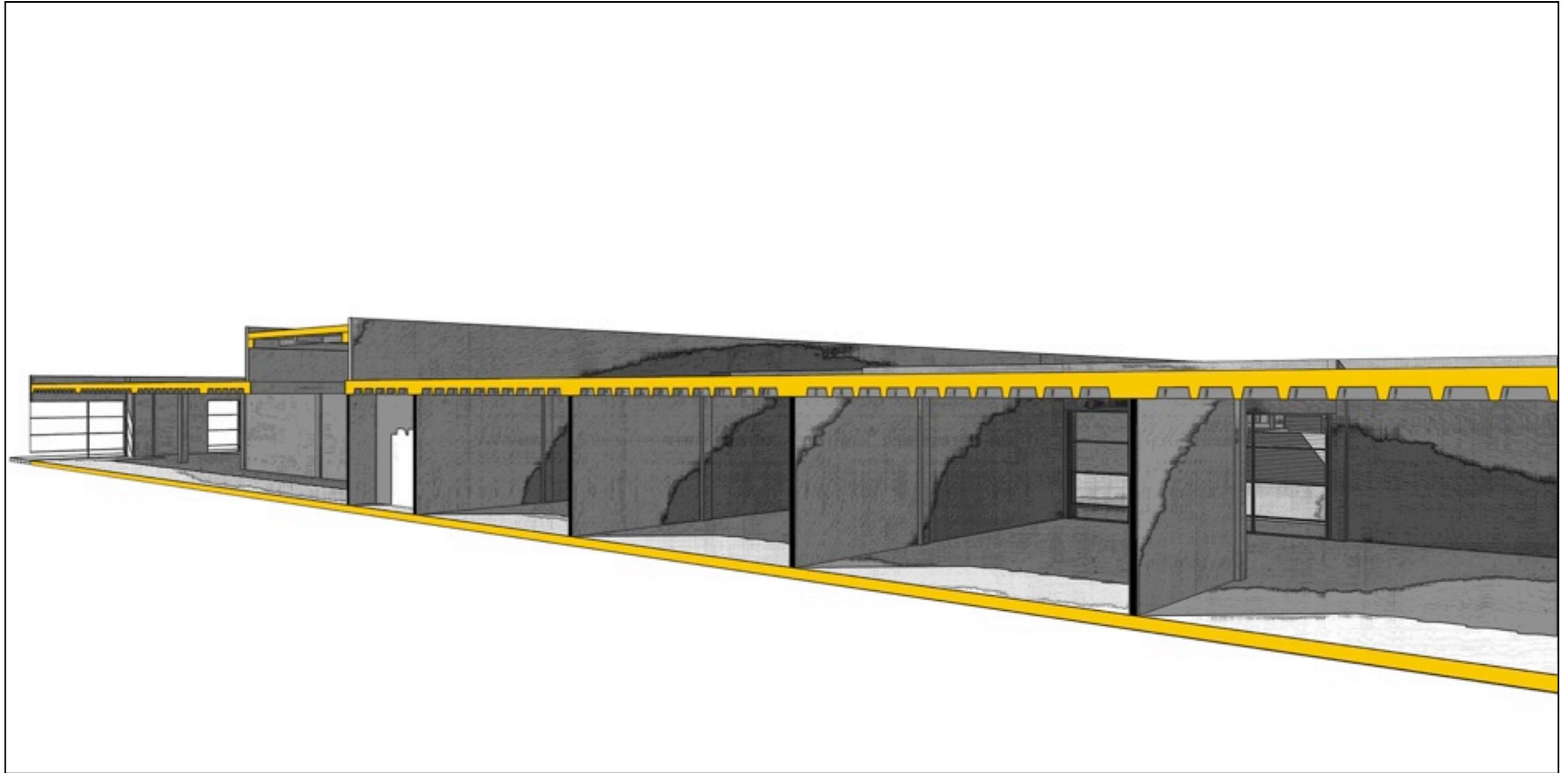




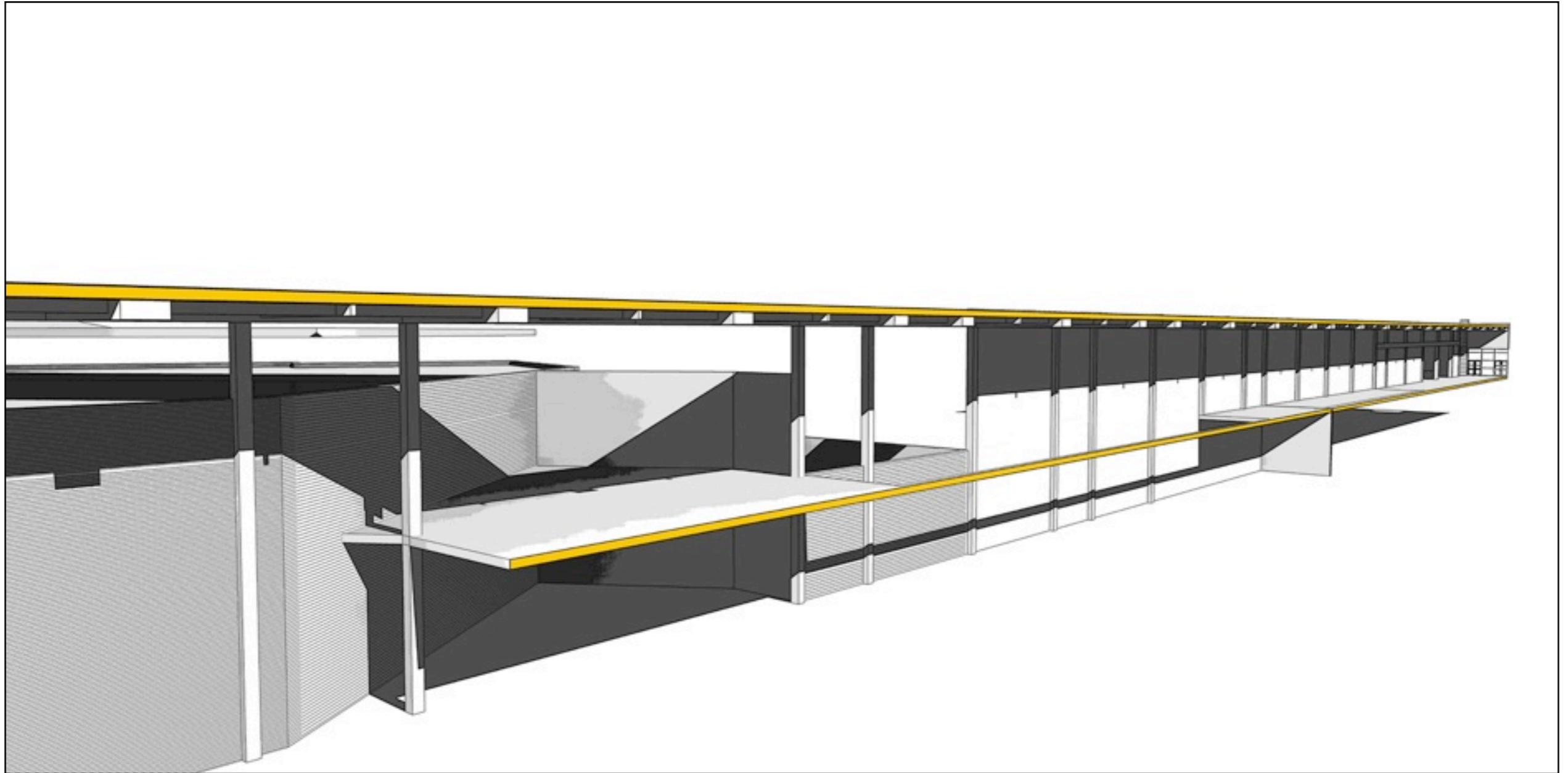




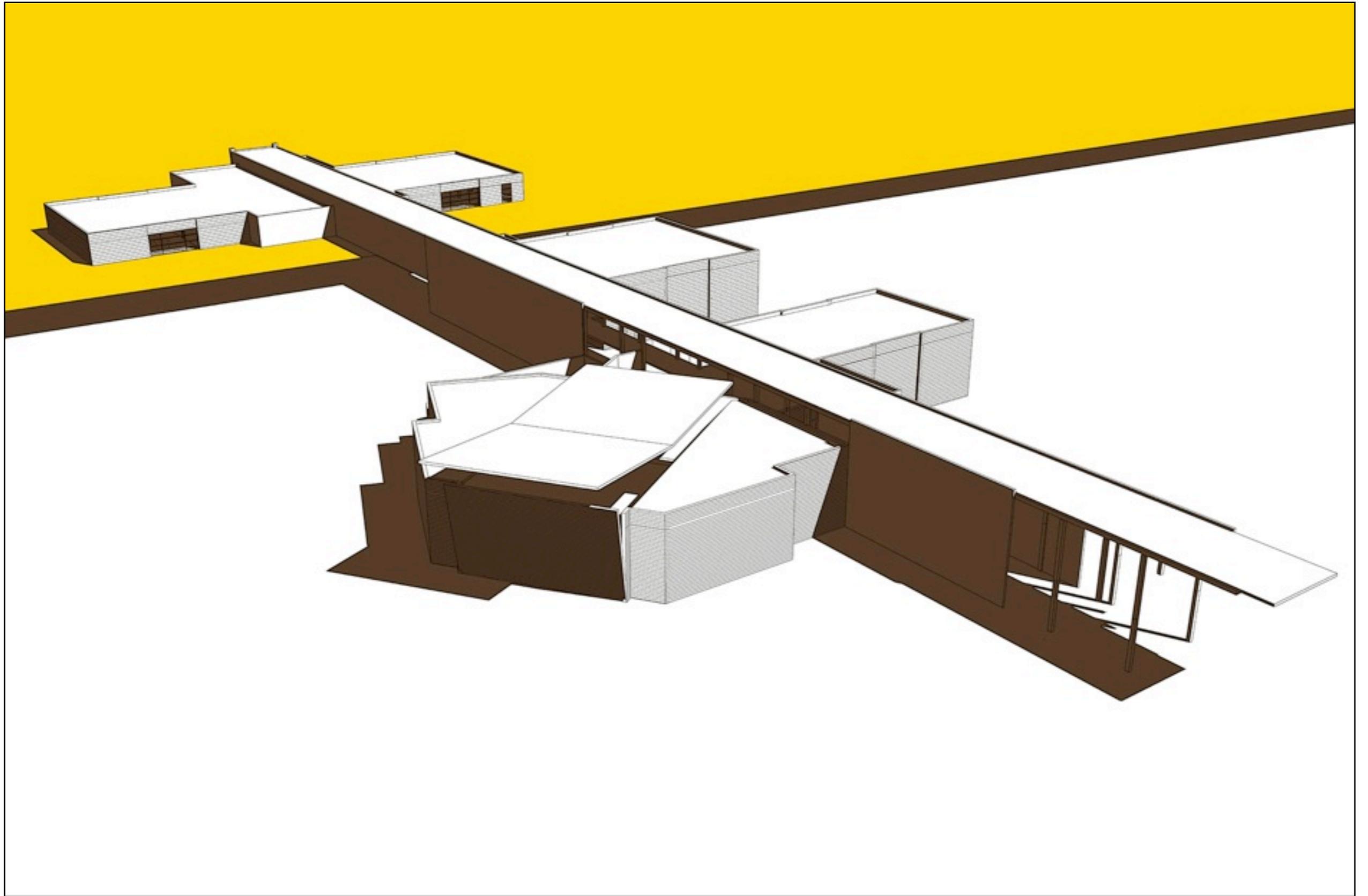




BUILDING SECTION.
Health & Fitness Center



BUILDING SECTION.
Circulation Spine & Auditorium Entrance



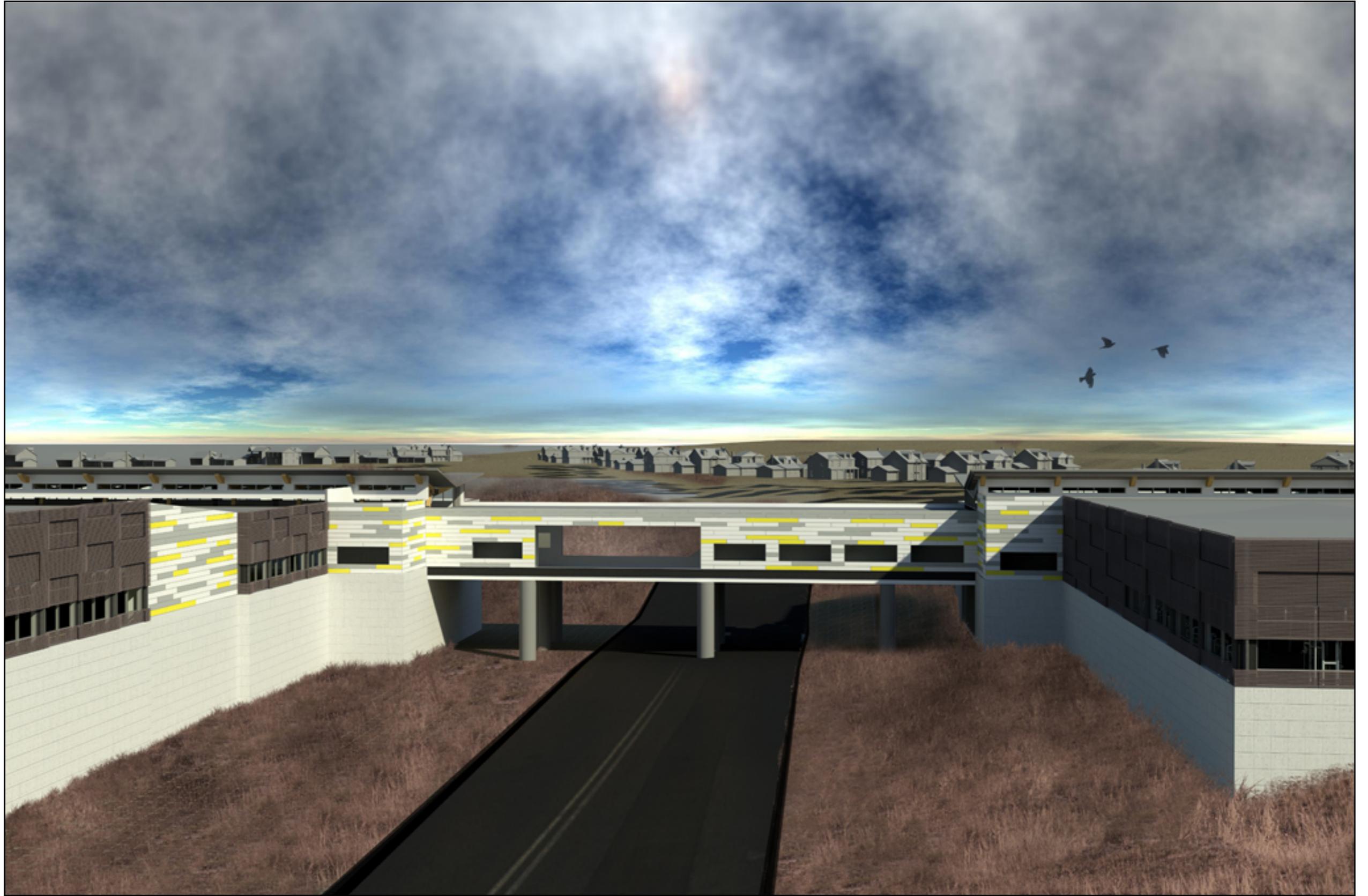
MIDTERM FEEDBACK:

Keep the design joyful & fun.

Site development.

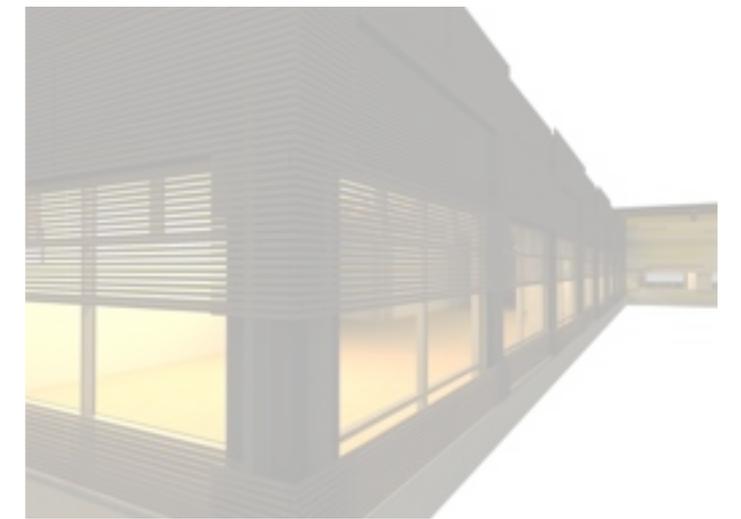
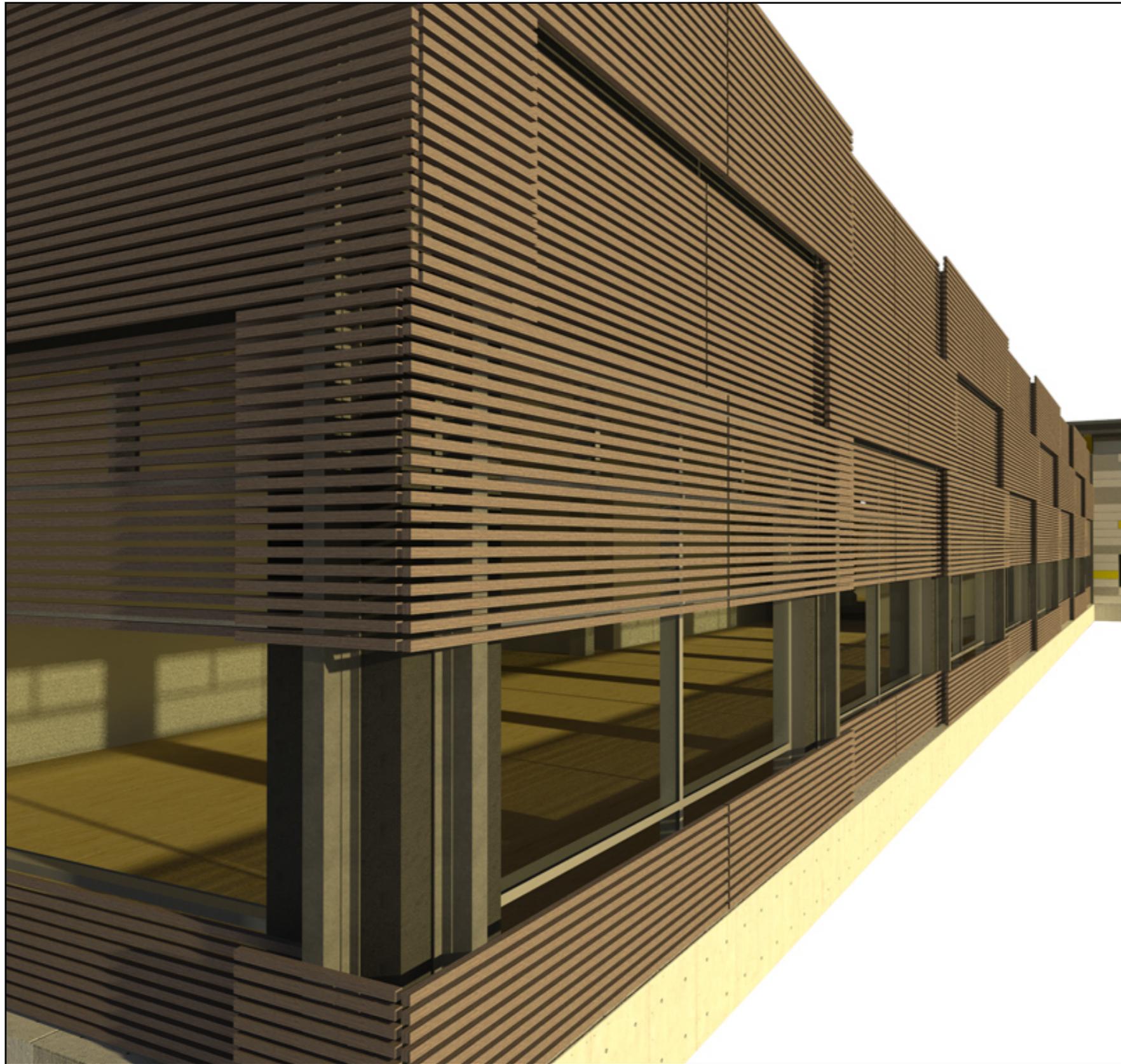
Facade treatment to add interest.

Think about color as an additional concept.



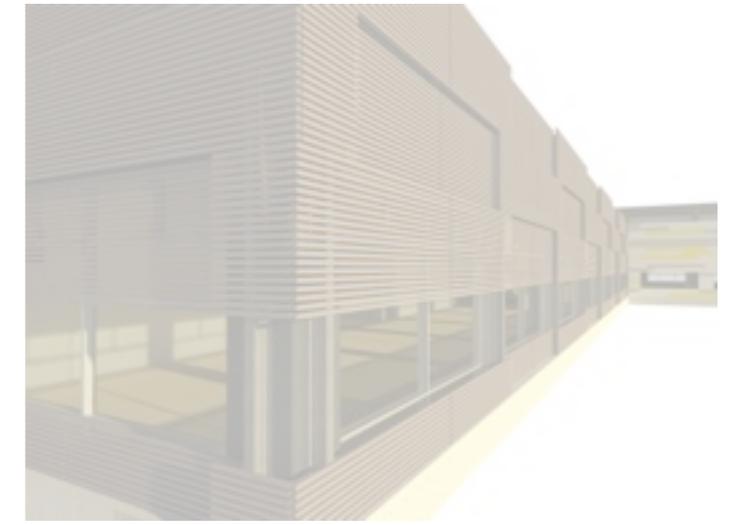
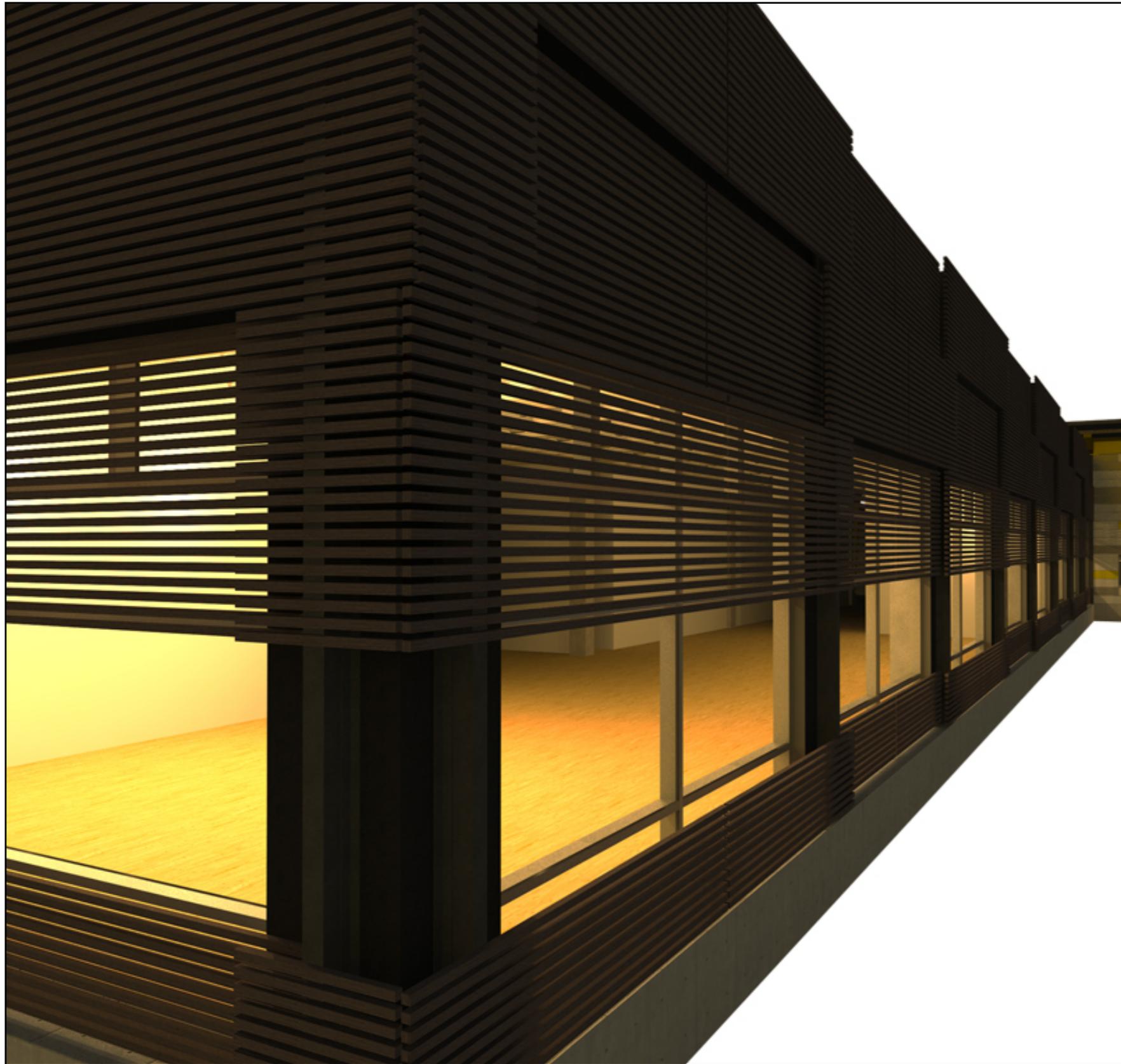
EXTERIOR PERSPECTIVE.

Bridge connection looking toward residential district.



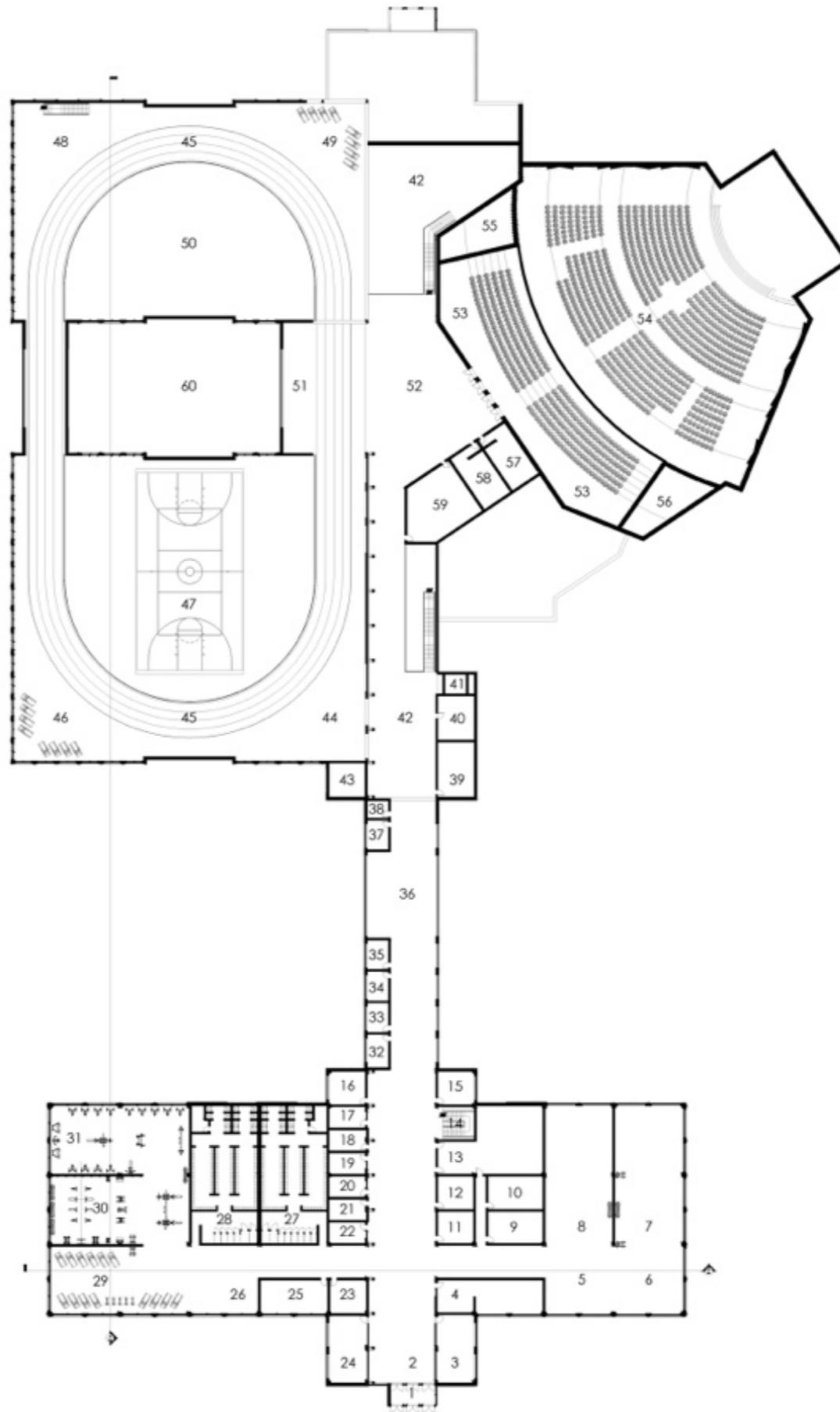
WOOD RAIN SCREEN FACADE.

During the day, the wood screen protects users from direct sunlight.

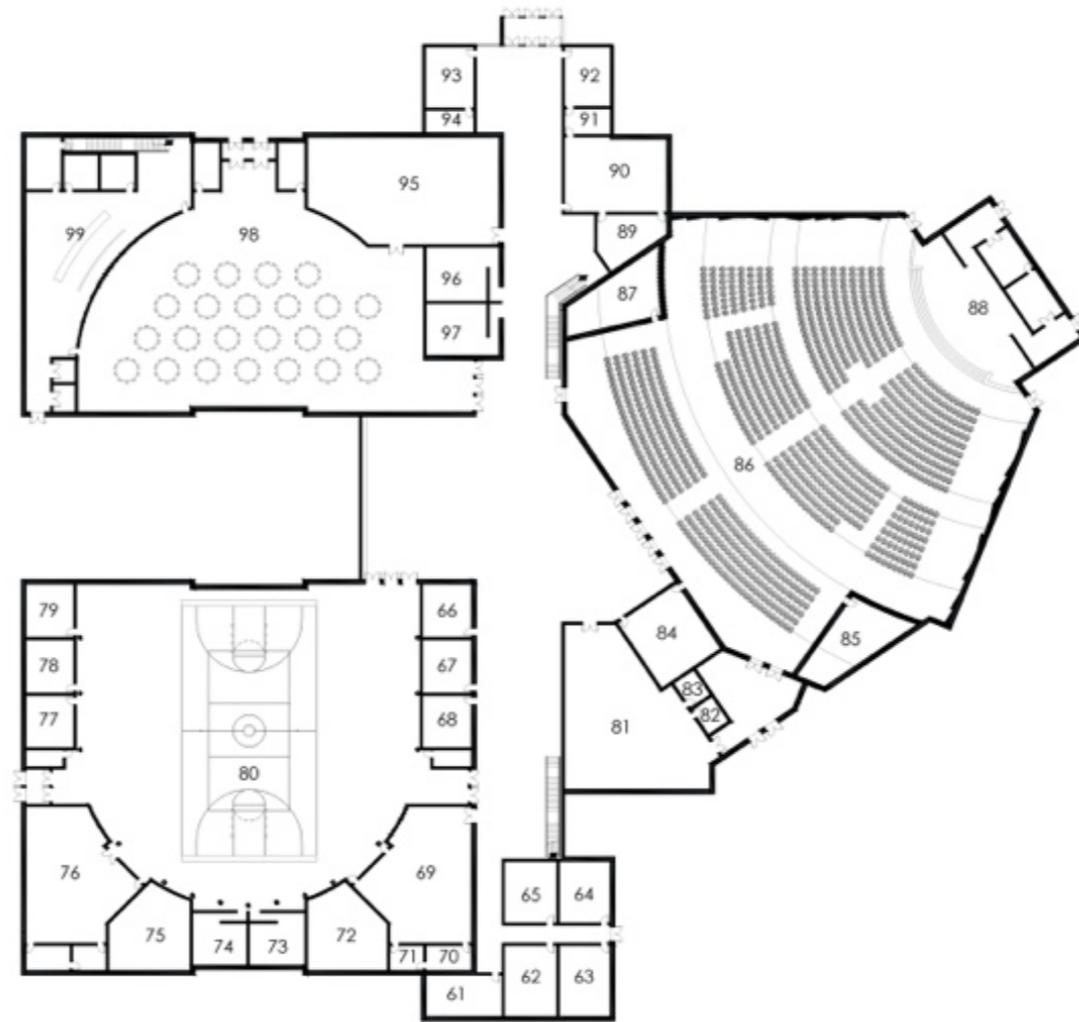


WOOD RAIN SCREEN FACADE.

At night, the wood screen softly filters light from inside the building.



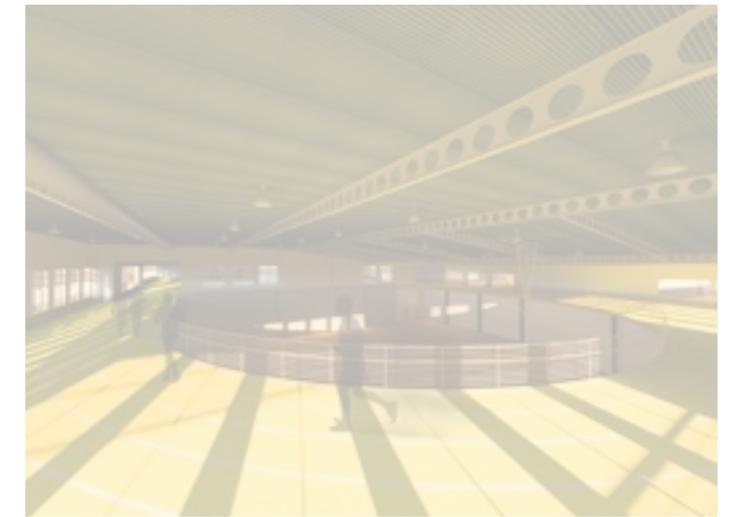
Upper Level Floor Plan



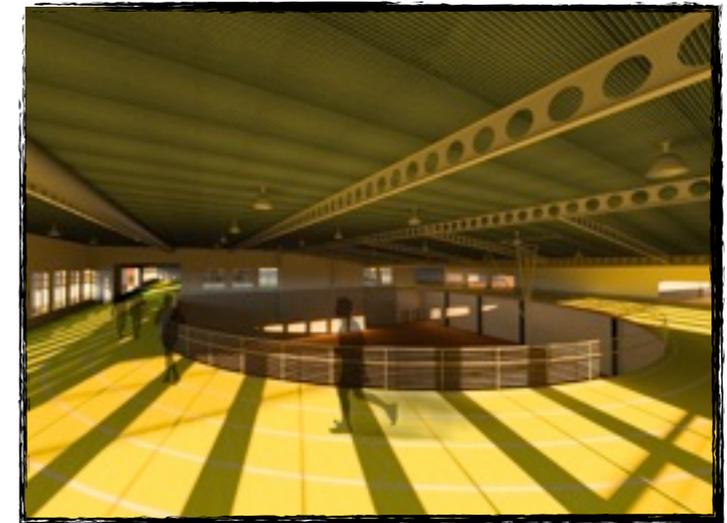
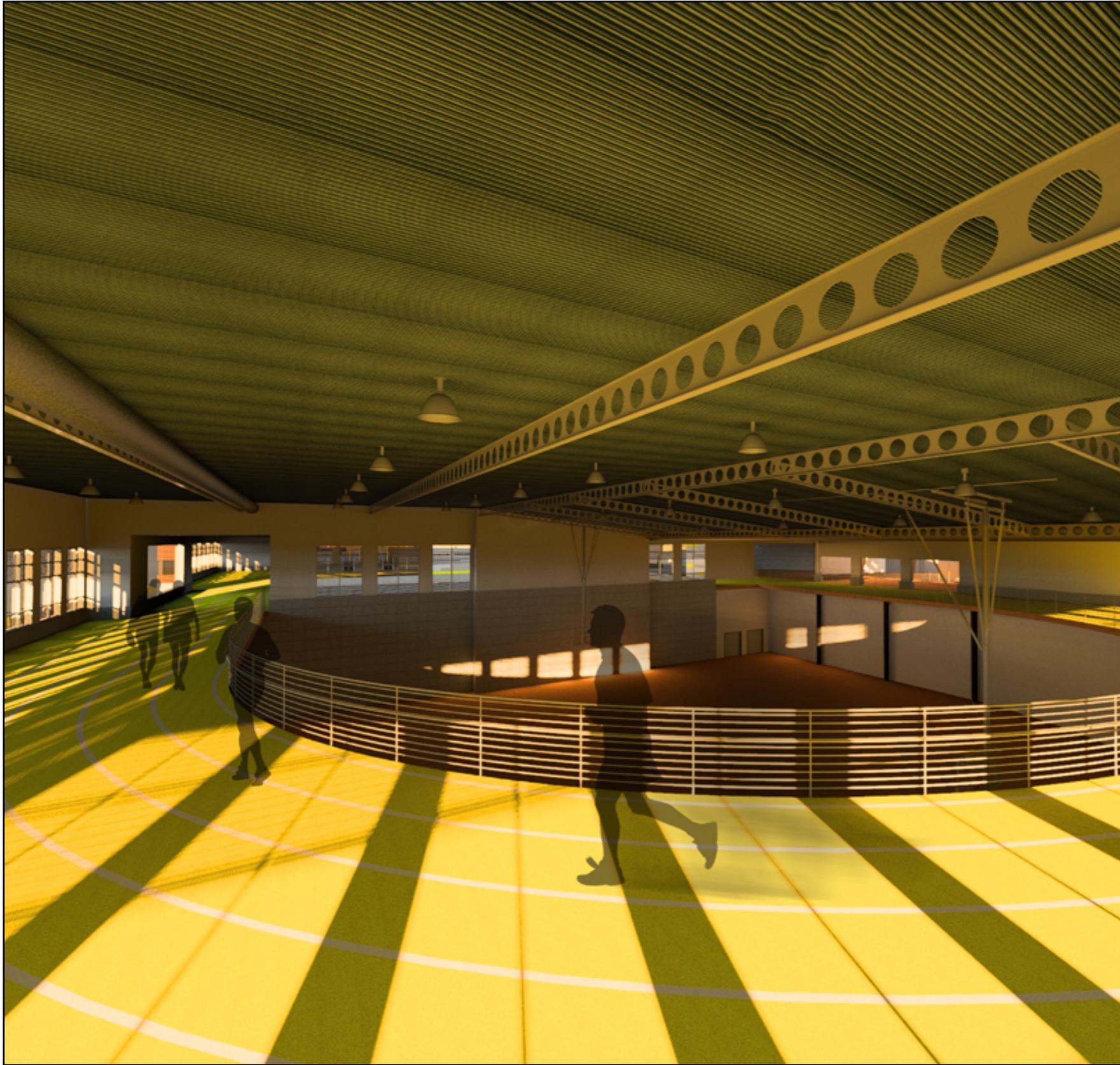
Lower Level Floor Plan



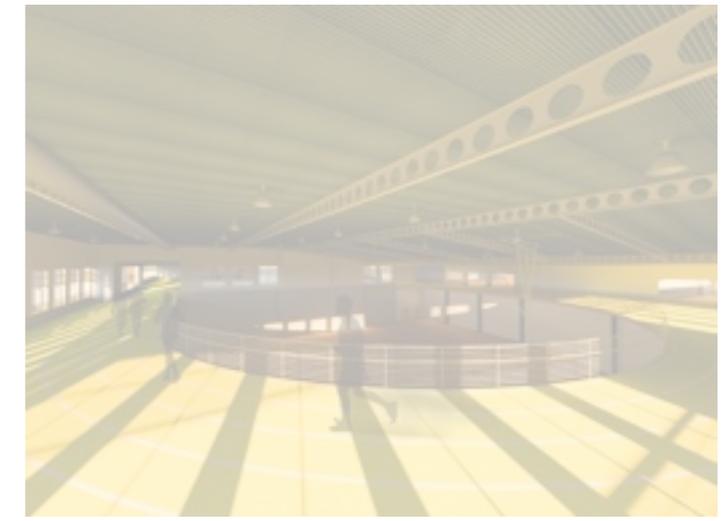
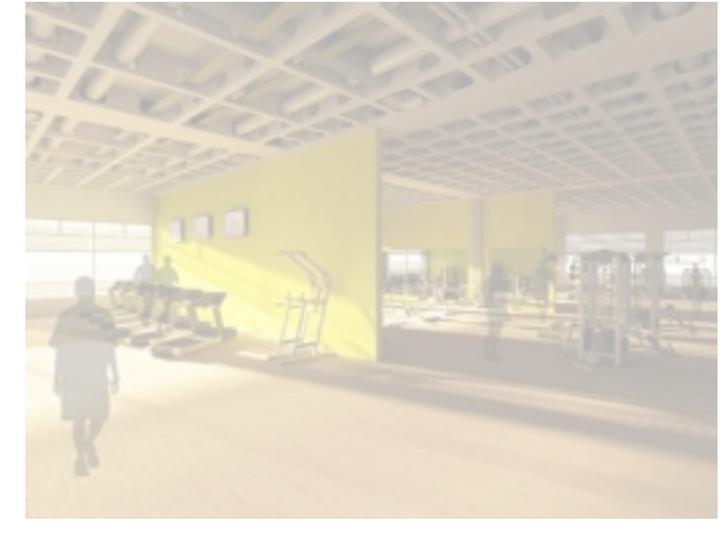
INTERIOR PERSPECTIVE.
Health & Fitness Center Entrance in Circulation Spine



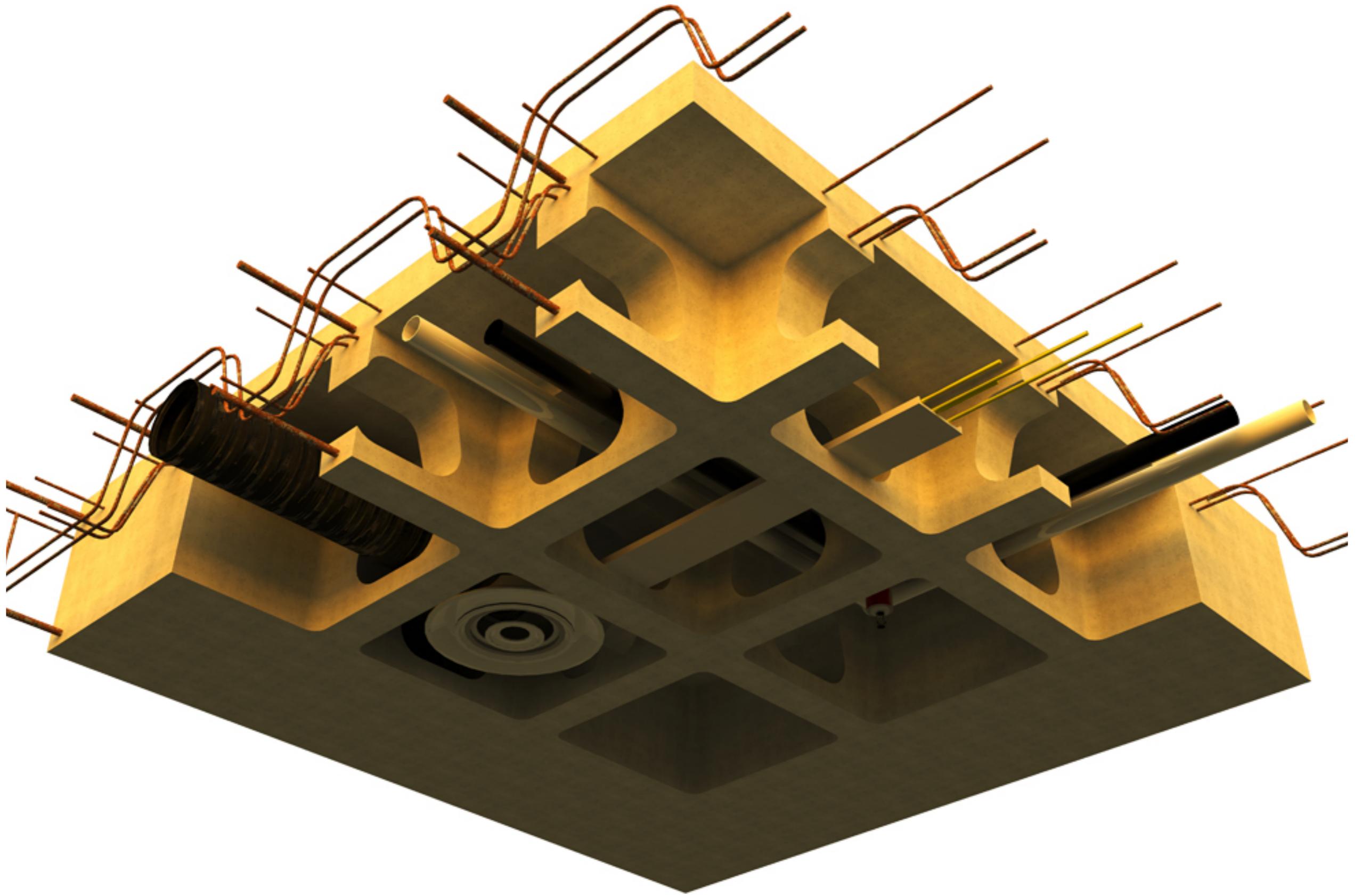
Fitness & Cardio Area



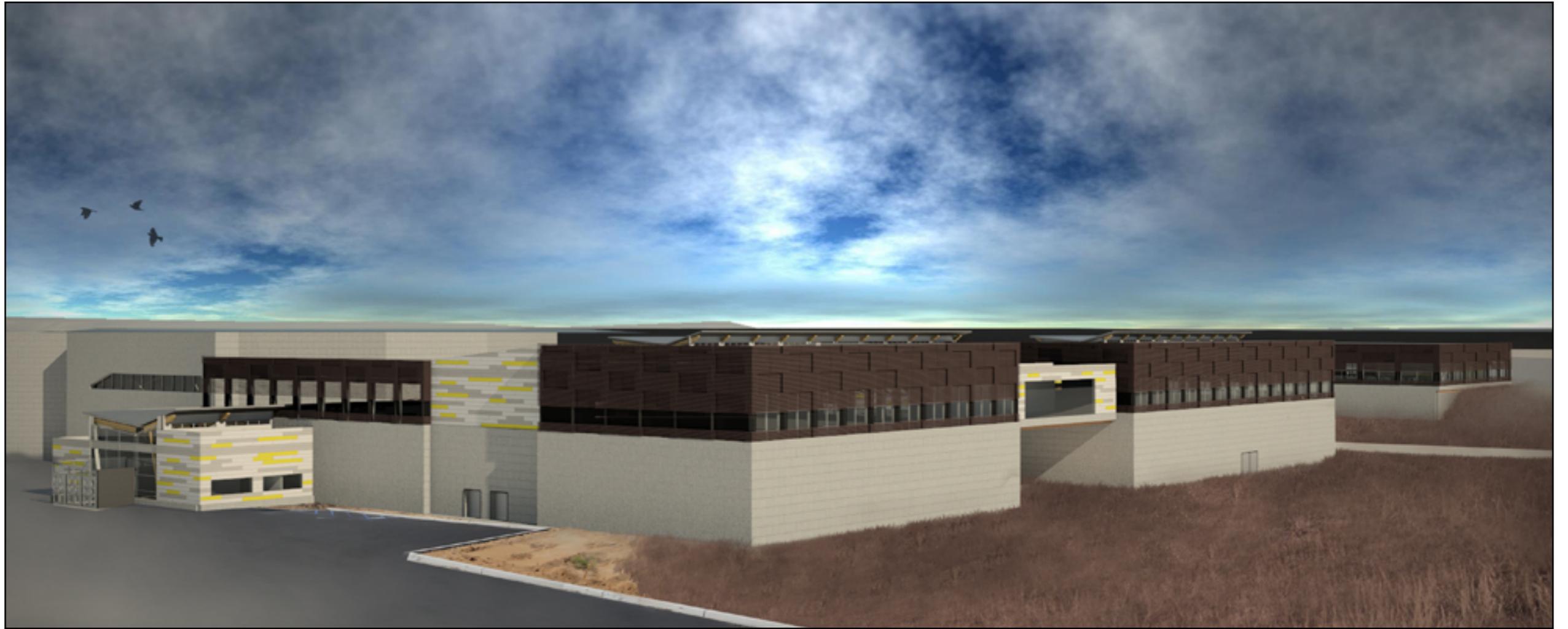
200 Meter Running Track



Stage at Auditorium



HOLEDECK system



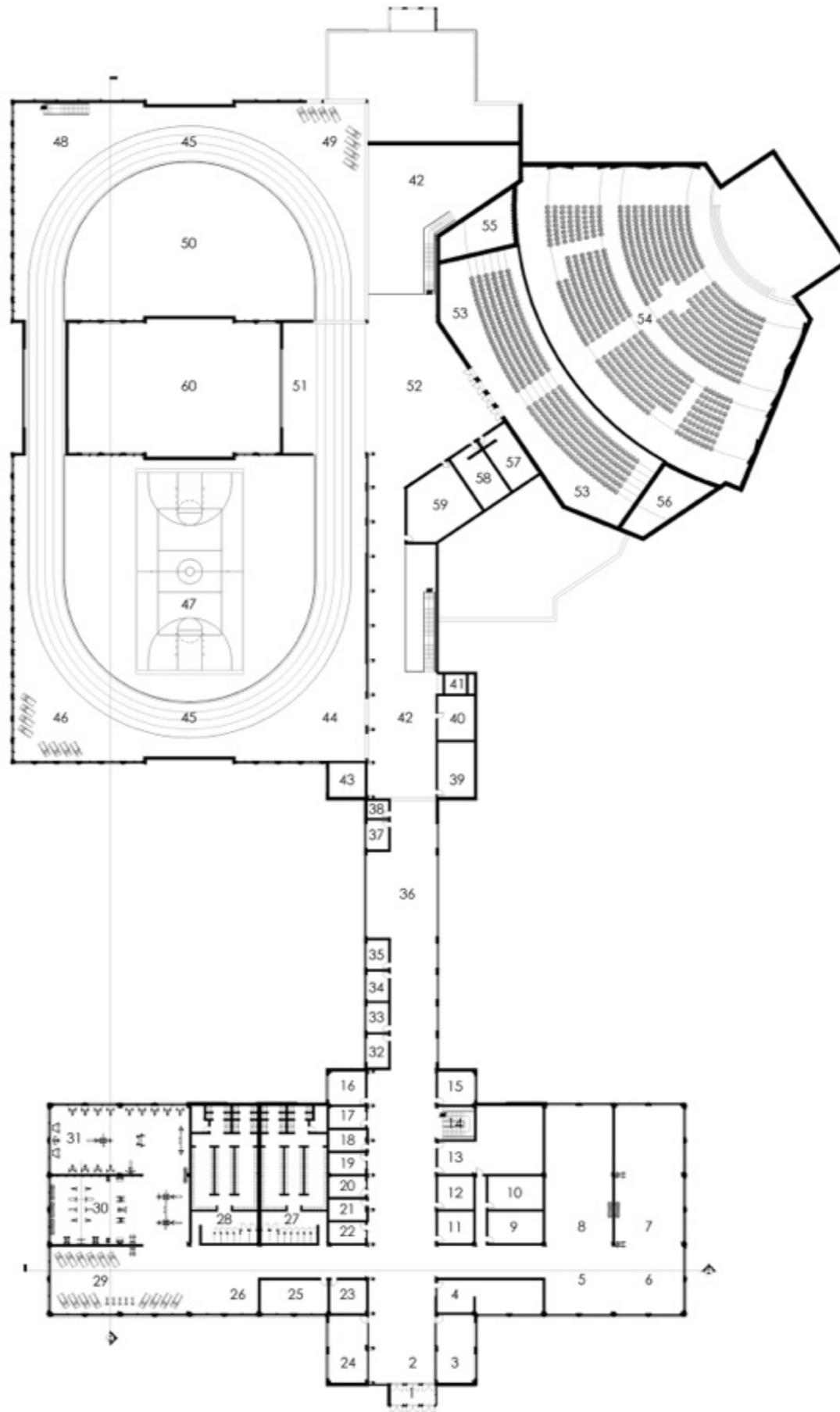
EXTERIOR PERSPECTIVE.
Front Entry to Auditorium



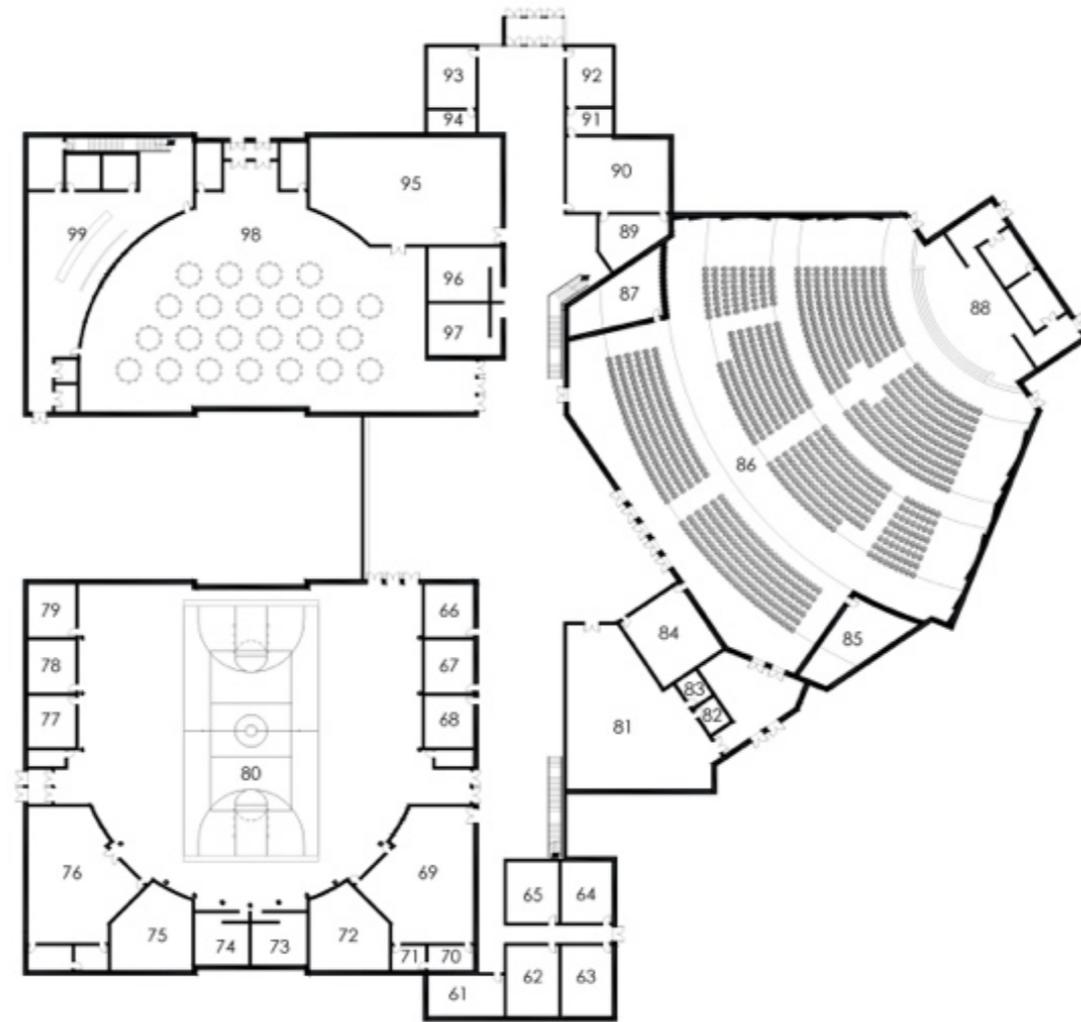
INTERIOR PERSPECTIVE.
Balcony at Auditorium

[NURTURE]well-being

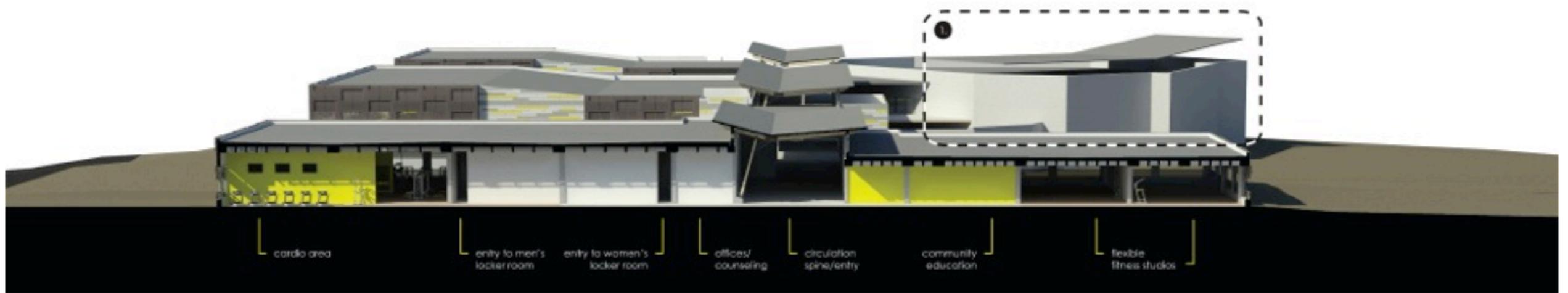
tyler brandriet



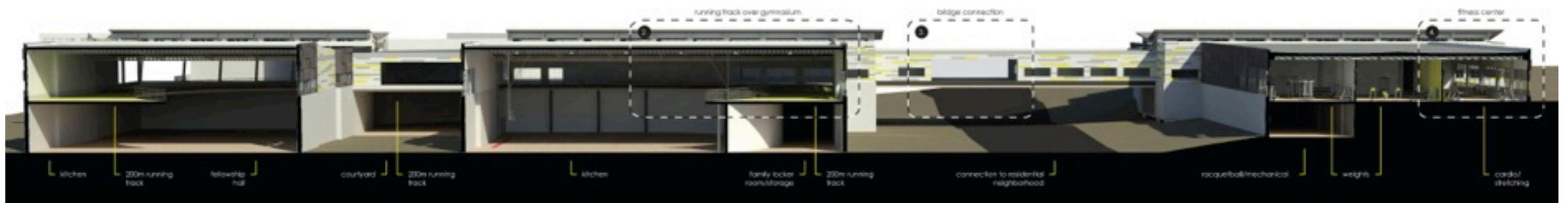
Upper Level Floor Plan



Lower Level Floor Plan

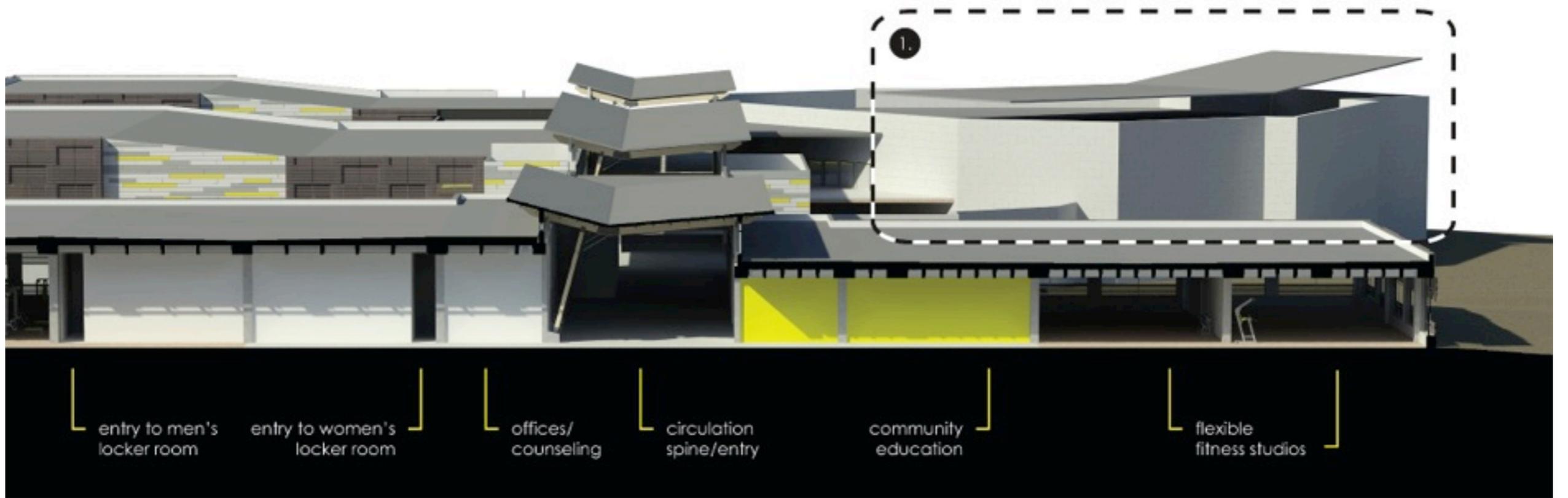


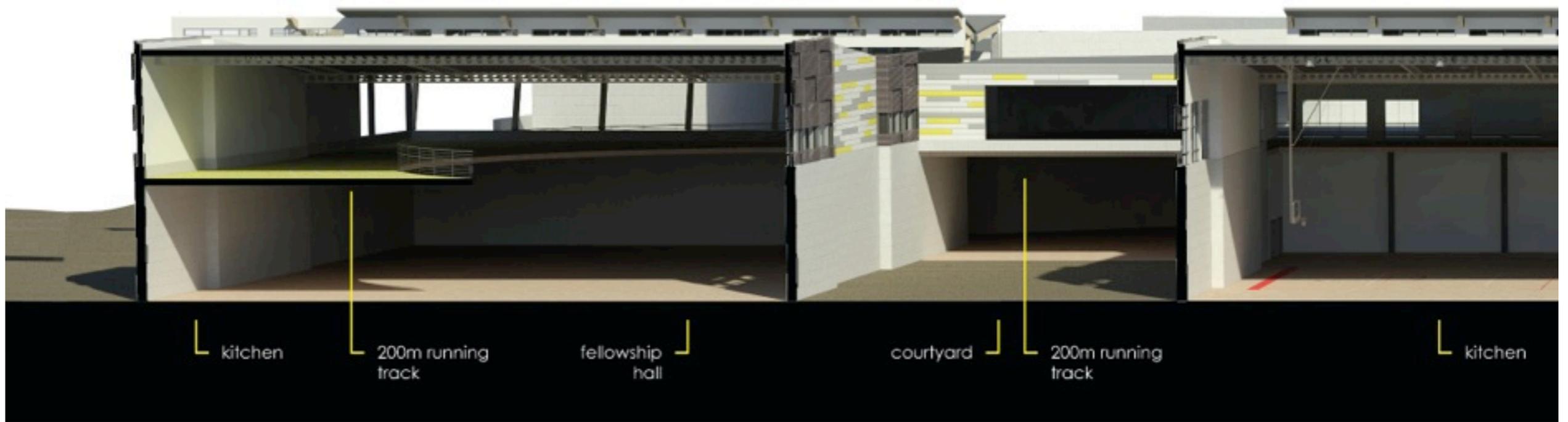
SECTION A OVERALL



SECTION B OVERALL







kitchen

200m running track

fellowship hall

courtyard

200m running track

kitchen

