

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

PITTSBURGH, PENNSYLVANIA



PERKINS + WILL

Schematic Design Presentation

MICHAEL P. ROYER

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: PROJECT OVERVIEW

LOCATION:

Liberty Avenue
Pittsburgh, Pennsylvania

SIZE:

63,000 Square Feet

COST:

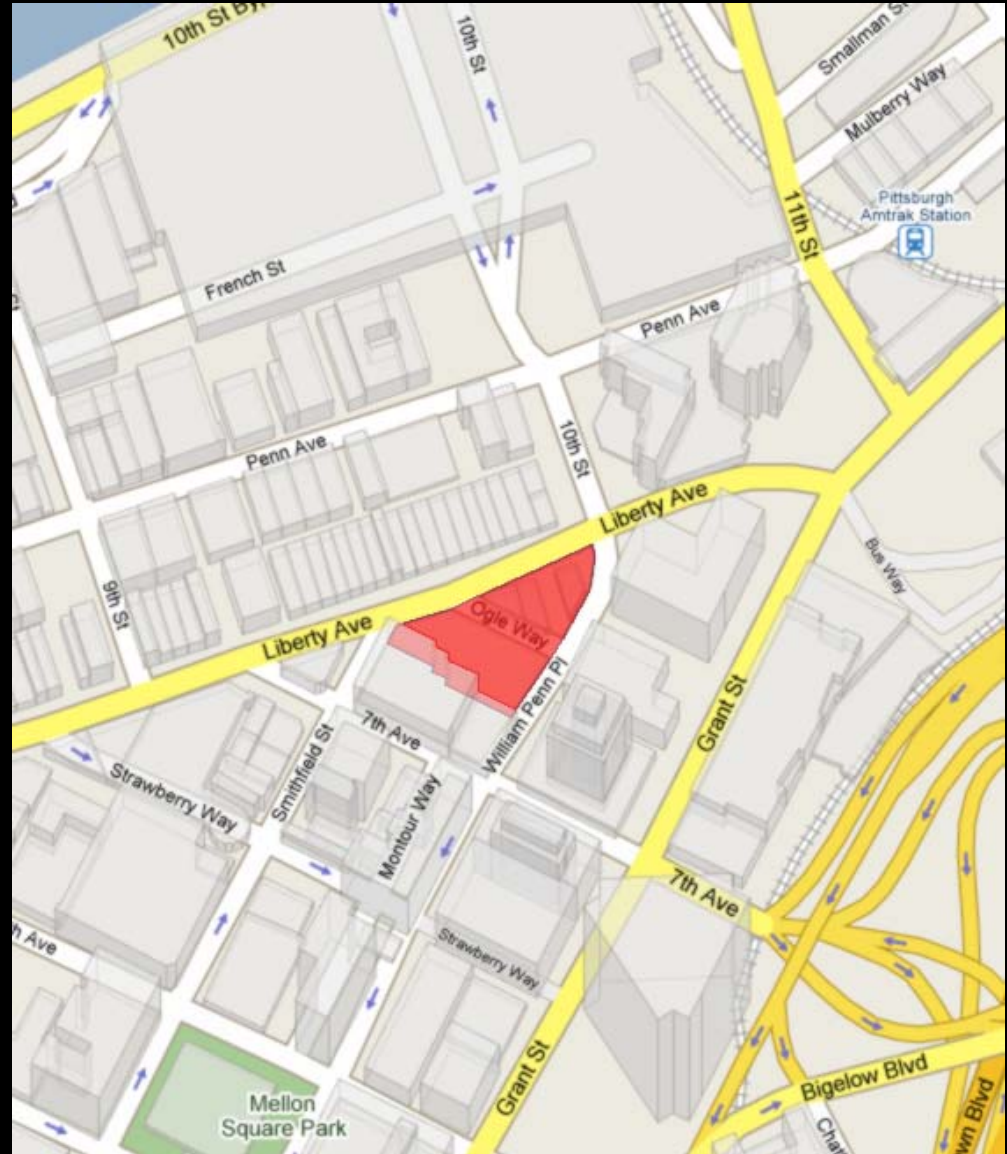
Approximately 23 Million Dollars

ESTIMATED OPENING:

SPRING 2009

PRIMARY FUNCTIONS:

500 Seat Theater
Permanent Exhibit Space
Temporary Exhibit Space
Music Café
Gift Shop
Education Spaces
Administrative Offices



THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: PROJECT OVERVIEW

MAJOR PLAYERS:

owner: The August Wilson Center

architect: Perkins + Will, San Francisco

lighting design: The Studio i Company

electrical consultant: Hornfeck Engineering

construction management: Turner Construction

owner's representative: Oxford
Development Company



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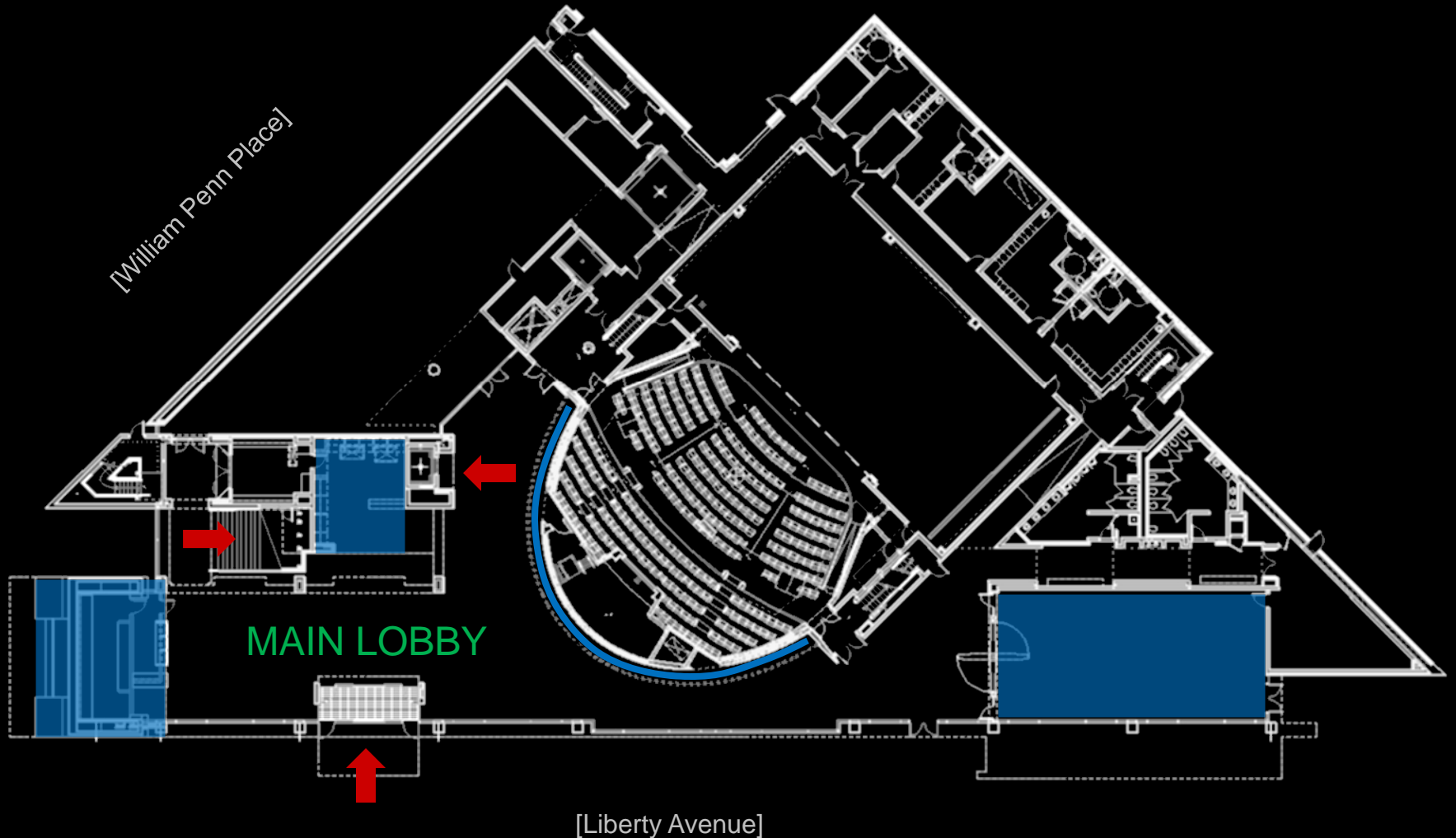
SCHEMATIC DESIGN PRESENTATION: WALKTHROUGH FAÇADE



PERKINS + WILL

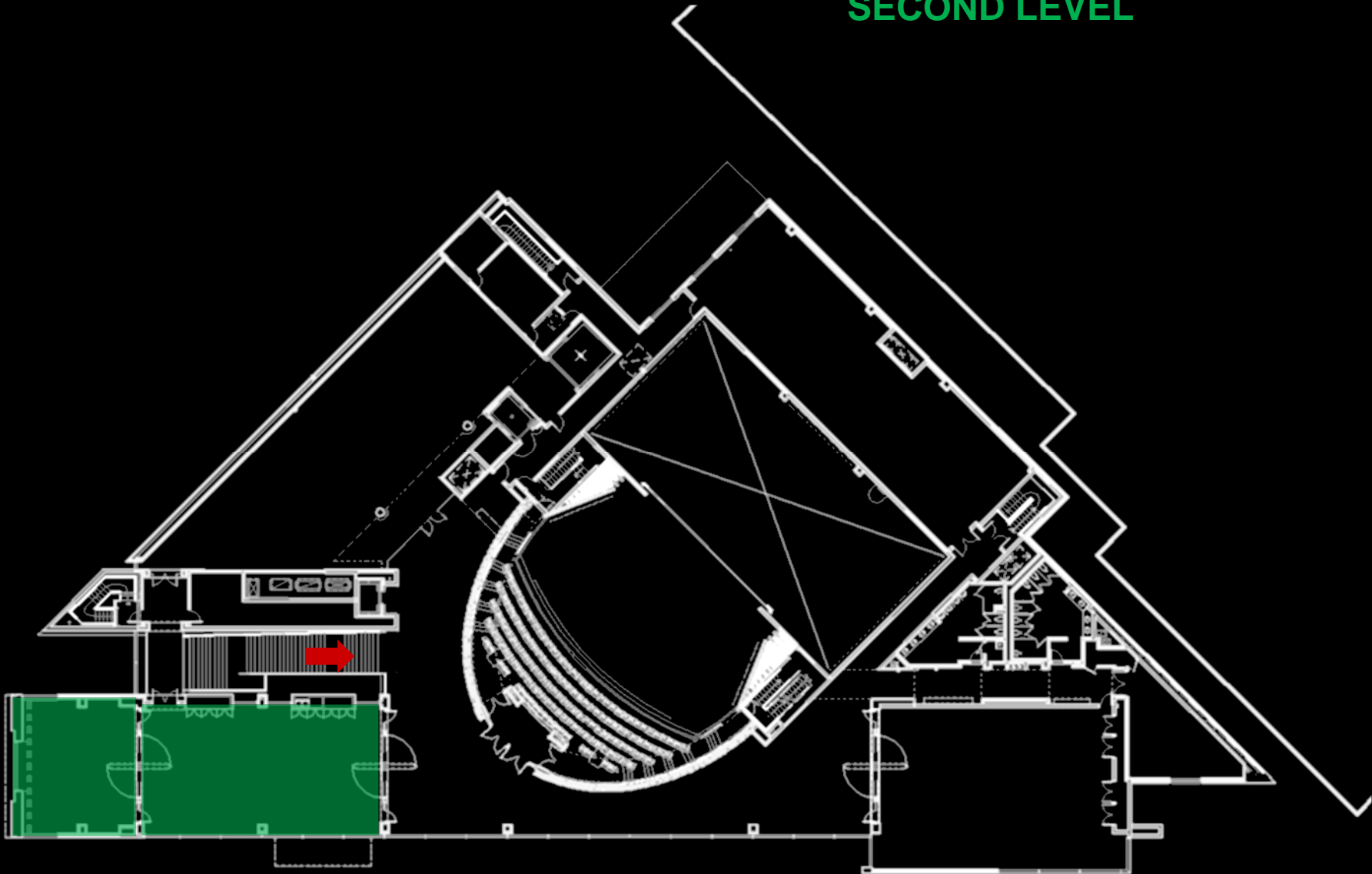
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SCHEMATIC DESIGN PRESENTATION: WALKTHROUGH FIRST LEVEL



THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: WALKTHROUGH SECOND LEVEL



SCHEMATIC DESIGN PRESENTATION: OVERALL GOALS

RESPONSIVE. FLEXIBLE. EFFICIENT.

architect's aesthetic
modern form
materiality

changing appearance
varied uses
user-friendly

environment
simplistic
effective

SCHEMATIC DESIGN PRESENTATION: DETAILS

GOALS

CRITERIA:

- CREATE A WELCOMING APPEARANCE
- ESTABLISH A FOCAL POINT
- *RESPOND* TO THE CITY
- SIGNATURE BUILDING

CONCEPTS:

- ALLOW THE INTERIOR TO BECOME THE FOCUS OF THE EXTERIOR
- REINFORCE THE EMPHASIS ESTABLISHED BY THE SAIL
- USE LIGHTING TO SHOW WHEN THE BUILDING IS ACTIVE
- HIGHLIGHT THE UNIQUE VOLUMES OF SPACE

ATTRACT.

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

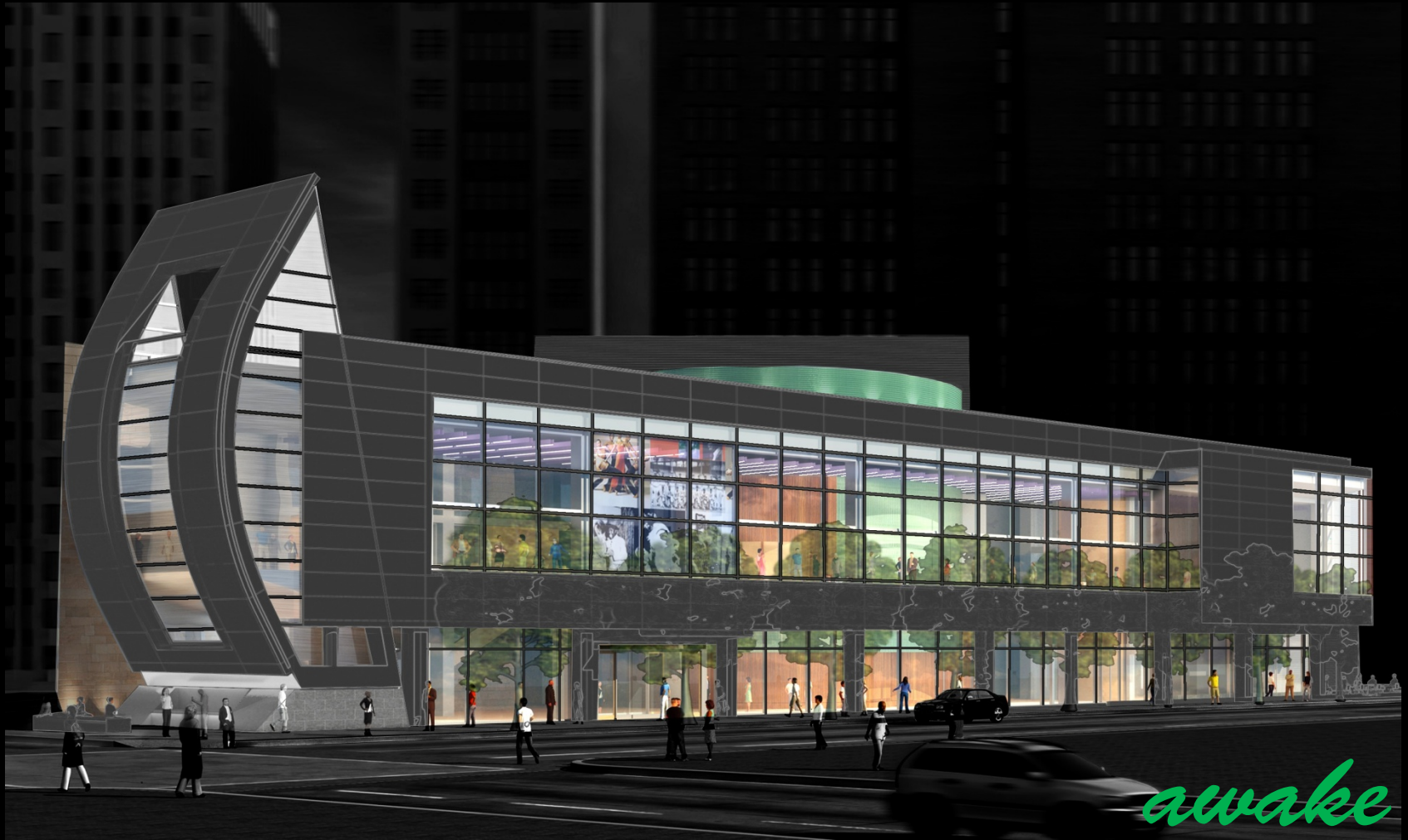
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: DETAILS



awake

BUILDING FAÇADE

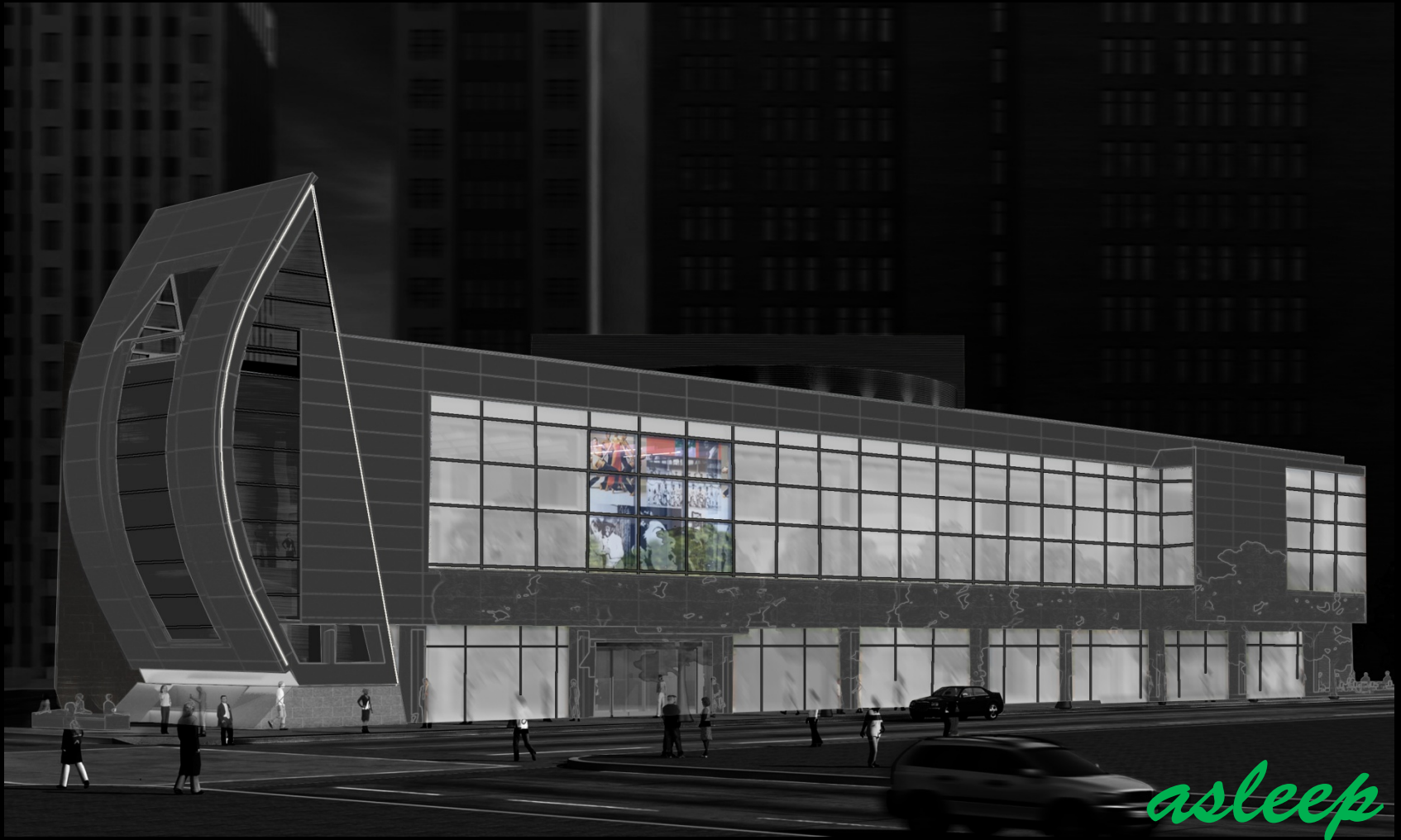
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: DETAILS



asleep

BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

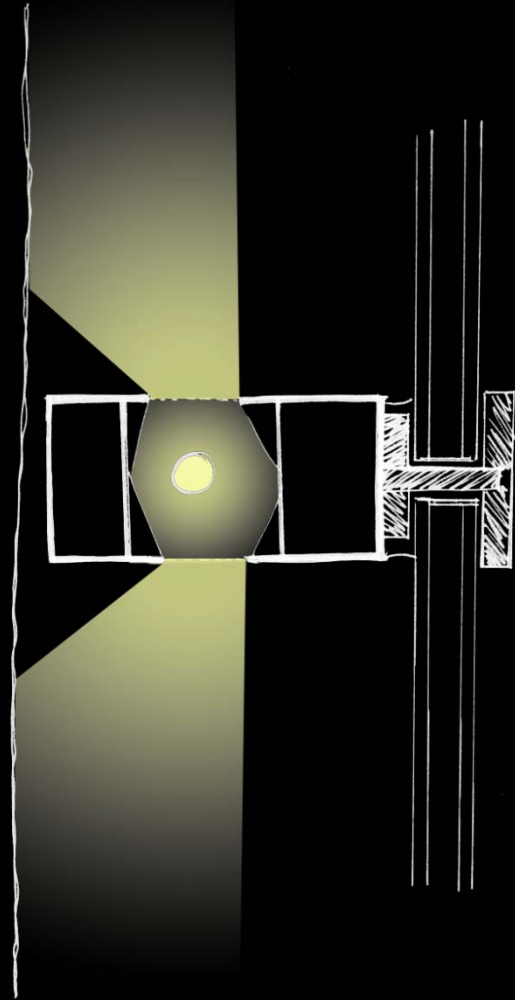
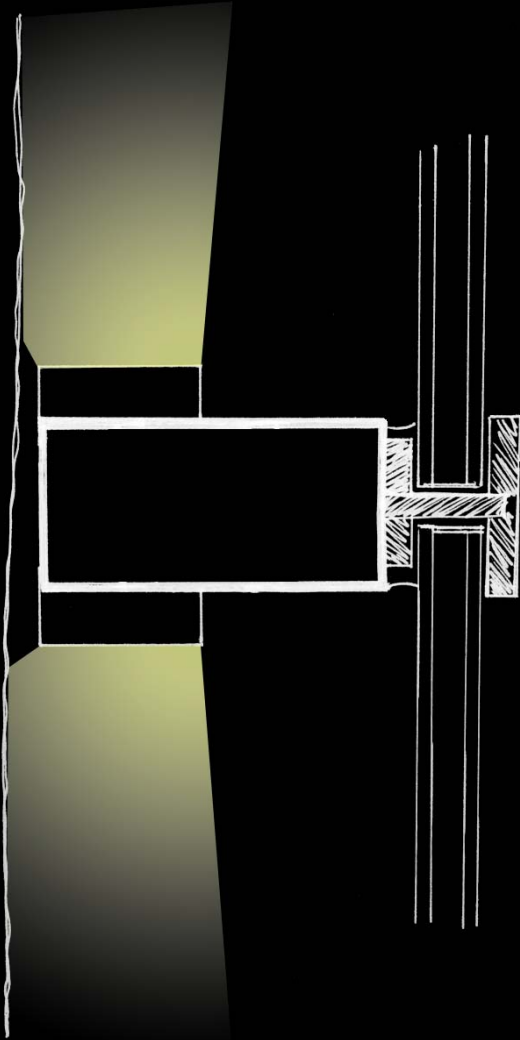
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

SCHEMATIC DESIGN PRESENTATION: DETAILS

GOALS

CRITERIA:

- CREATE A RELAXING AND WELCOMING ENVIRONMENT
- DRAW PATRONS TO POINTS OF INTEREST
- *FLEXIBLE* DESIGN FOR VARIED USES
- ENERGY *EFFICIENCY*

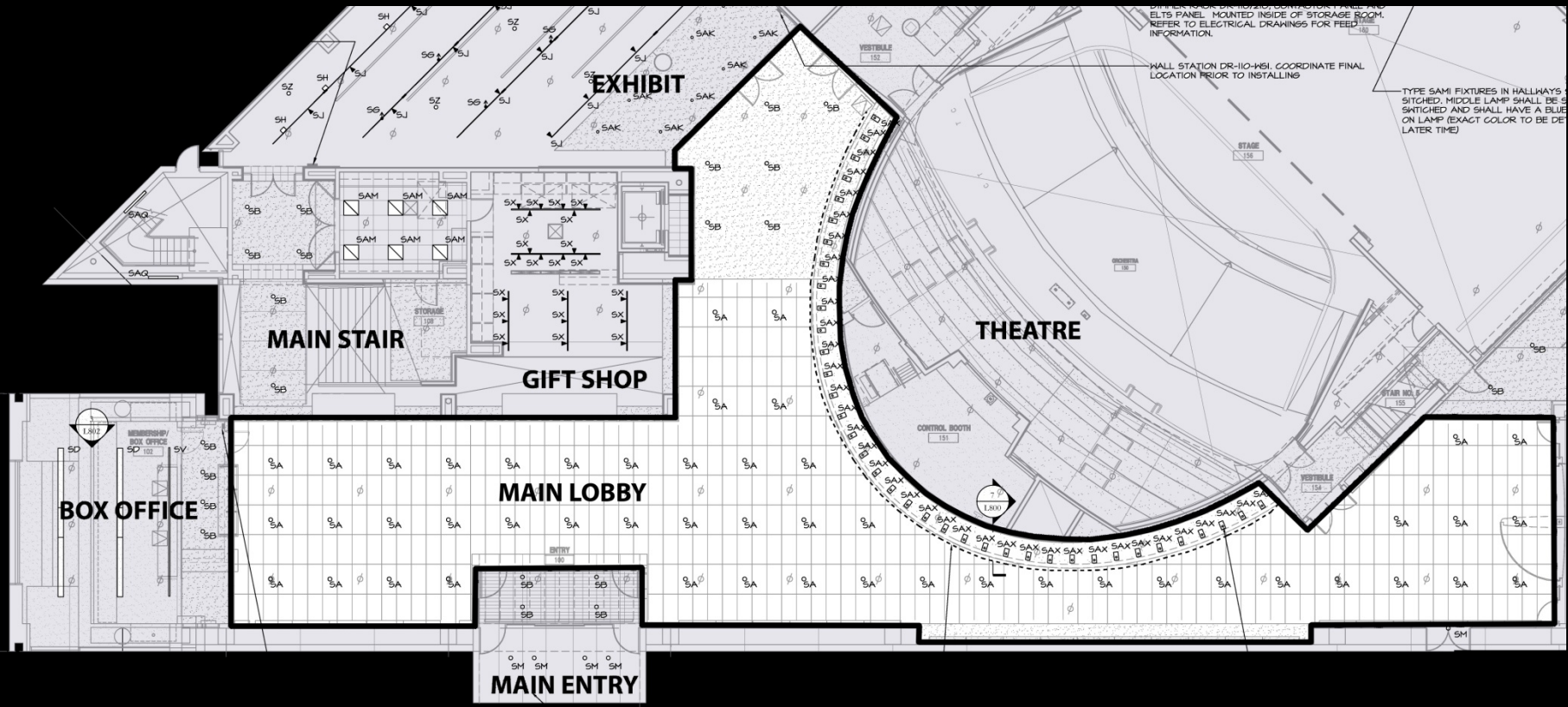
CONCEPTS:

- USE NONUNIFORM LIGHT WITH PERIMETER FOCUS
- USE HIGHER LUMINANCES TO ATTRACT ATTENTION
- DIMMABLE FIXTURES CAN BE USED TO *RESPOND* TO VARIED SITUATIONS
- UTILIZE DIMMING AND DAYLIGHT SENSING TO REDUCE ENERGY

WELCOME.

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

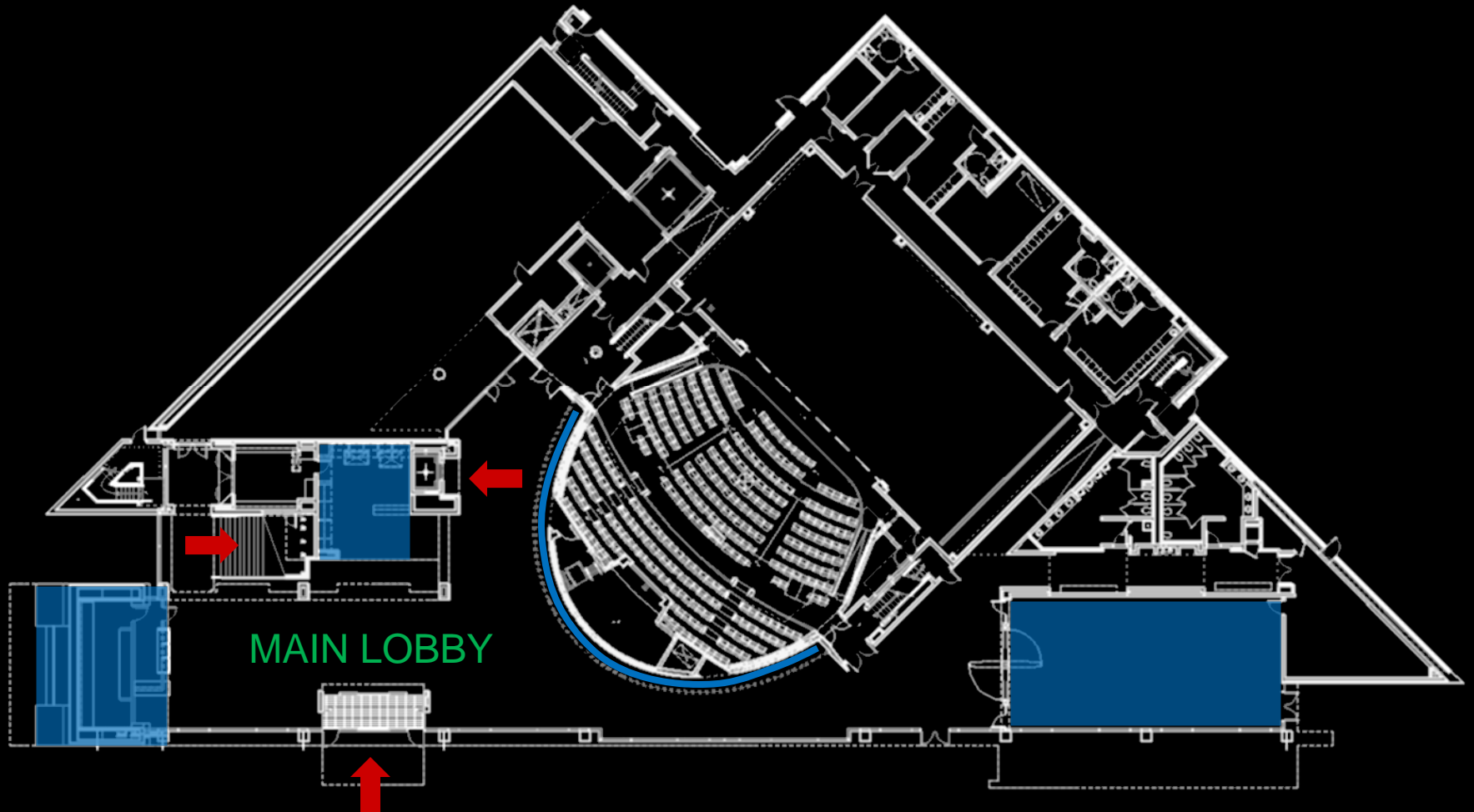
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

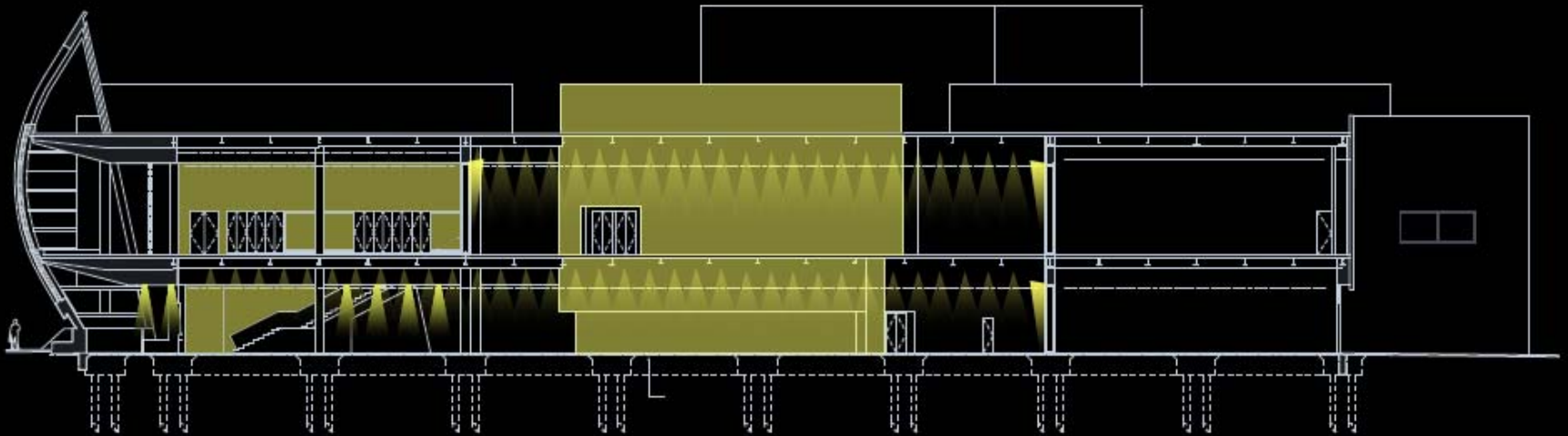
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING SECTION

BOX OFFICE STAIRS GIFT SHOP THEATER DOORS AMBIENT

BUILDING FAÇADE

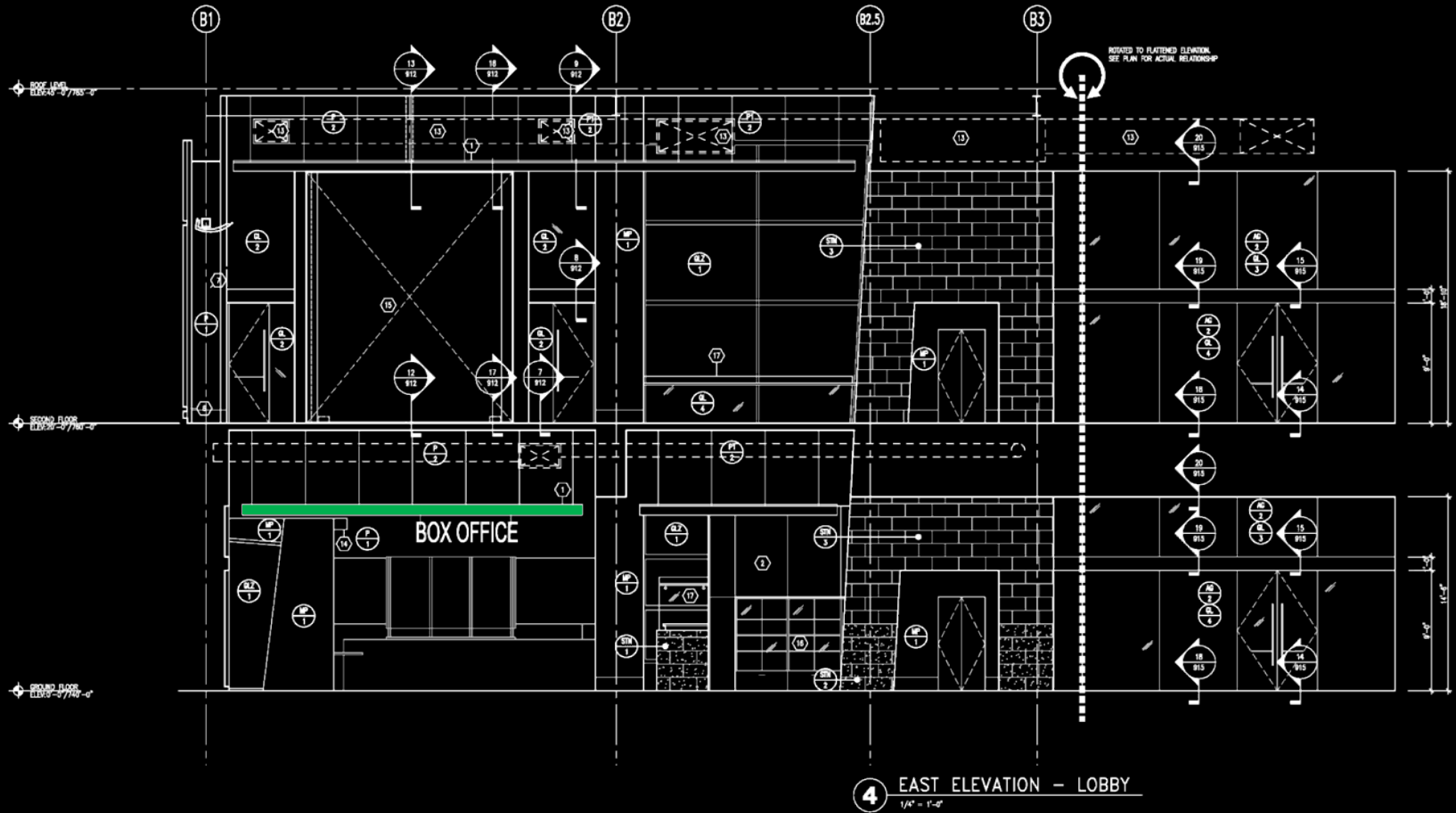
LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

SCHEMATIC DESIGN PRESENTATION: DETAILS

GOALS

CRITERIA:

- CREATE VISUAL CLARITY
- PROVIDE EVEN AND ADEQUATE LIGHT TO WORK PLANE
- *FLEXIBLE* LIGHTING FOR VARIED PRESENTATION TYPES
- *RESPOND* TO THE ENVIRONMENT

CONCEPTS:

- DESIGN FOR A UNIFORM LAYOUT OF LUMINAIRES WITH PERIPHERAL EMPHASIS
- PERFORM ADEQUATE CALCULATION TO ENSURE PROPER LIGHT LEVELS
- USE MULTIPLE GROUPS AND CONTROLS TO CREATE A USER-FRIENDLY ENVIRONMENT
- UTILIZE DIMMING AND DAYLIGHT SENSORS TO TAKE ADVANTAGE OF DAYLIGHT PRESENCE

PERFORM.

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SCHEMATIC DESIGN PRESENTATION: DETAILS



FOR SPACE VISUALIZATION PURPOSES ONLY

BUILDING FAÇADE

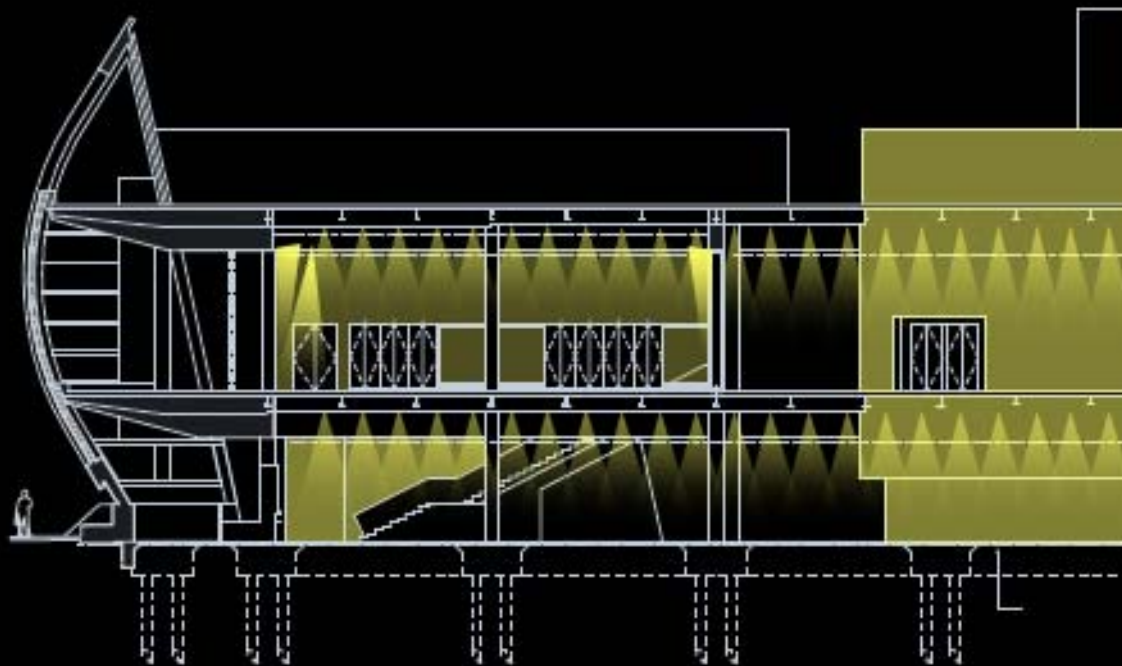
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EDUCATION AND LECTURE ROOM

MEETING ROOM

THE AUGUST WILSON CENTER FOR AFRICAN AMERICAN CULTURE

SCHEMATIC DESIGN PRESENTATION: DETAILS



BUILDING SECTION

OUTSIDE

EXTERNAL

AMBIENT

PERIMETER

TASK

BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

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SCHEMATIC DESIGN PRESENTATION: DETAILS

GOALS

CRITERIA:

- WARM AND RELAXING AMBIANCE
- UPSCALE APPEARANCE
- STRONG FACIAL RENDERING
- SIGNATURE ROOM

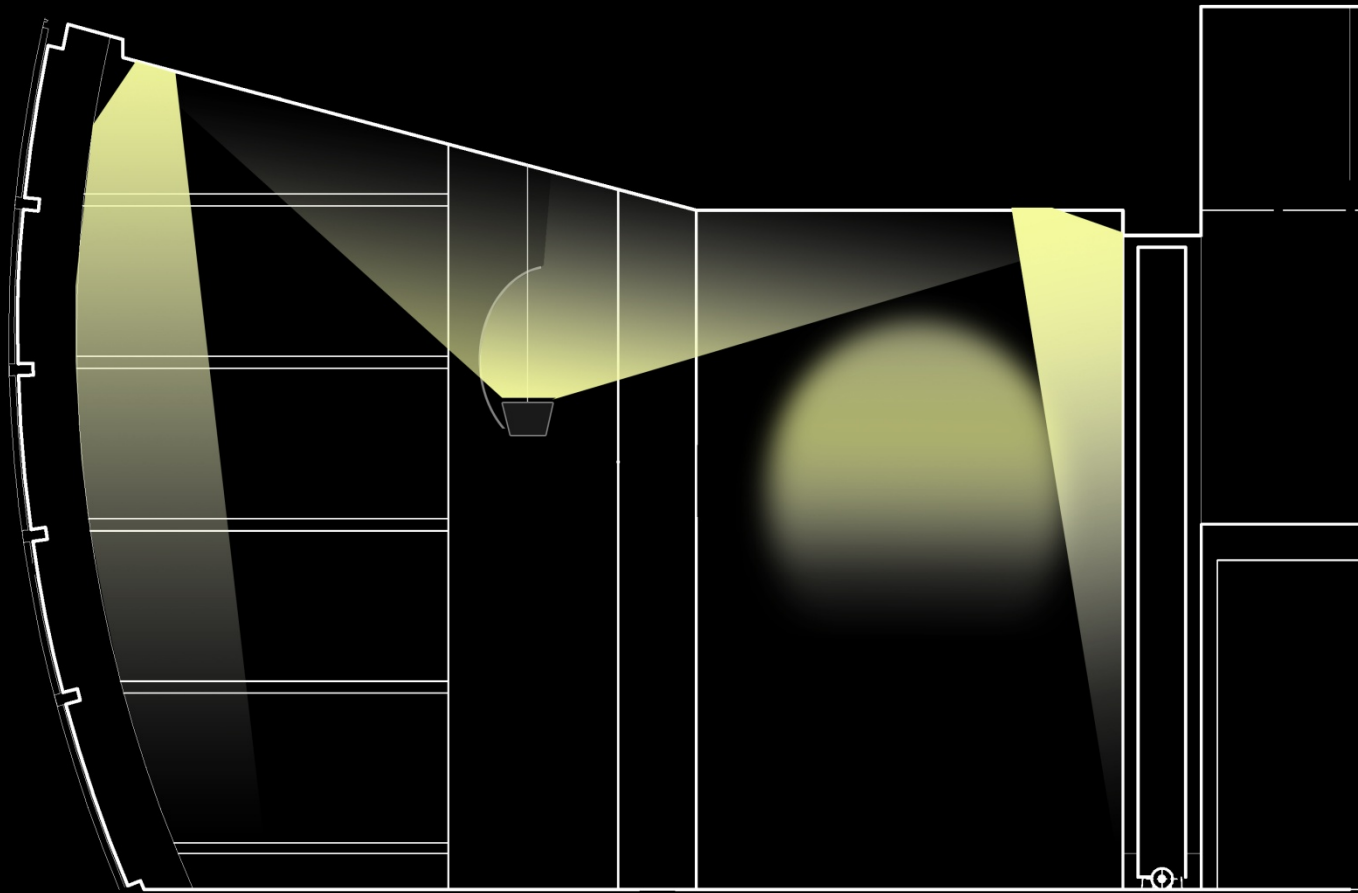
CONCEPTS:

- UTILIZE NONUNIFORMITY AND LOW CCT SOURCES
- USE DECORATIVE LUMINAIRES TO PRODUCE A DISTINCT STYLE
- AVOID OVERHEAD DOWNLIGHT
- LEAVE THE PATRON WITH THE IMPRESSION OF A HIGH CLASS SPACE

IMPRESS.

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SCHEMATIC DESIGN PRESENTATION: DETAILS



SECTION

AMBIENT

PERIMETER

ACCENT

BUILDING FAÇADE

LOWER LEVEL LOBBY

EDUCATION AND LECTURE ROOM

MEETING ROOM

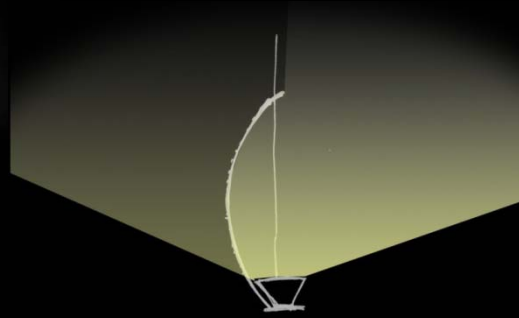
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SCHEMATIC DESIGN PRESENTATION: DETAILS

CONCEPT ONE



CONCEPT TWO



EXISTING FIXTURE



BUILDING FAÇADE

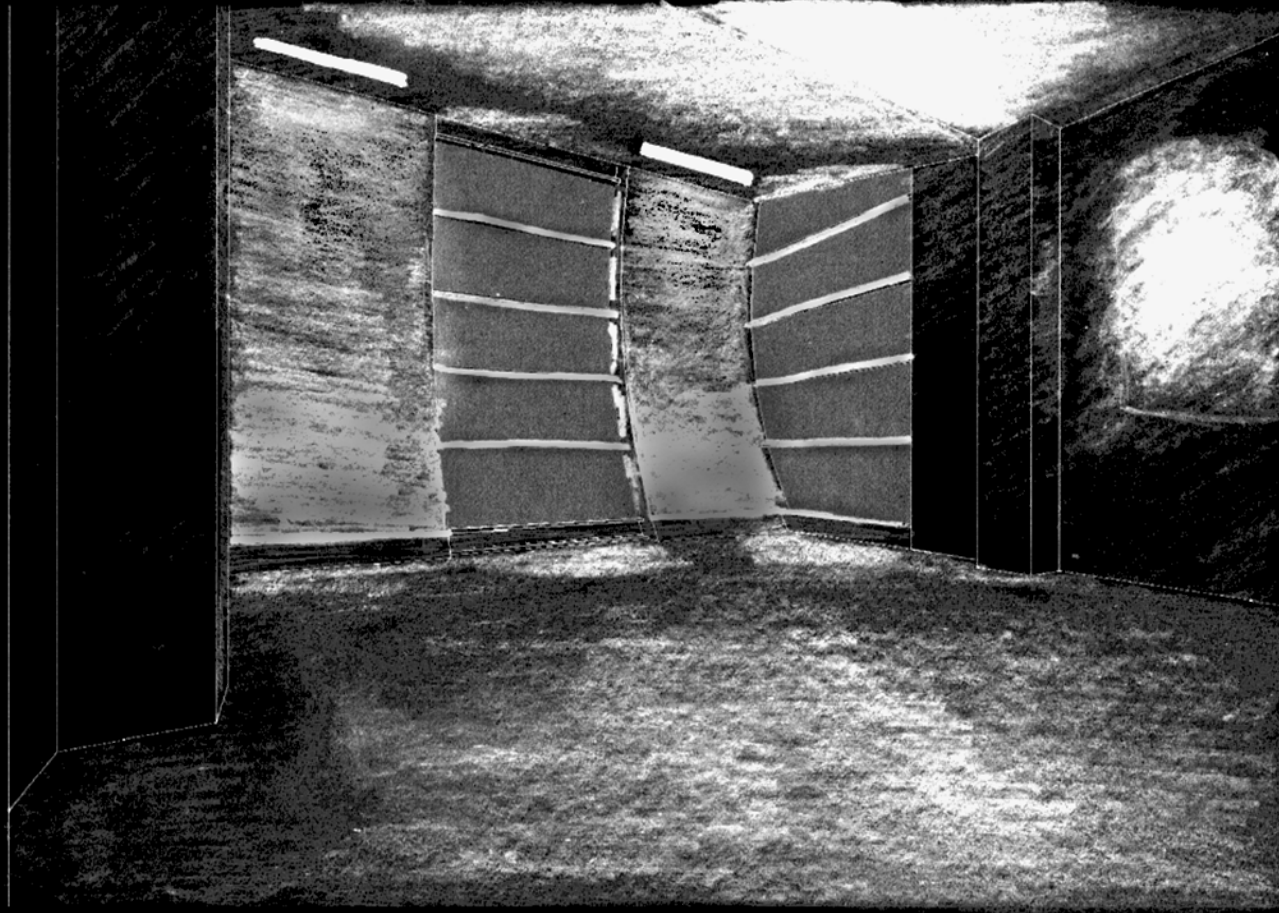
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PERKINS + WILL

RESPONSIVE. FLEXIBLE. EFFICIENT.

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SCHEMATIC DESIGN PRESENTATION

PRESENTED: December 13, 2007

ADVISOR: Dr. Mistrick

THESIS SITE: <http://www.engr.psu.edu/ae/thesis/portfolios/2008/mpr184>

THANK YOU: Lutron Electronics, Inc.
Guest Panel