# JACKSON PREPARATORY SCHOOL

## CAPITAL CAMPAIGN:

A VISUAL COMPANION

Transforming Prep

CELEBRATING ARTS & LEADERSHIP

jcdc

JACKSON COMMUNITY DESIGN CENTER

COLLEGE OF ARCHITECTURE ART + DESIGN

School of Architecture

MISSISSIPPI STATE UNIVERSITY

*PROJECT SUMMARY*

**ABOUT JACKSON PREP:**

Specializing in secondary education since 1970, Jackson Preparatory School has produced 517 National Merit semifinalists and 16 Presidential Scholars. Statewide, Prep is one of four schools selected for a cum laude chapter, the high school equivalent of Phi Beta Kappa. Students consistently win regional and national awards in language, literature, art, mathematics, science, music, and drama. In athletics, Prep teams remain among the leaders of the conference in overall championships.

Jackson Preparatory School is an independent, co-educational, college preparatory day school enrolling over 800 students in grades six through twelve. The school is located on a 74 acre campus east of Jackson and is the largest independent secondary school in the state of Mississippi. The student body is diverse, representing various racial, ethnic, economic, and religious groups.









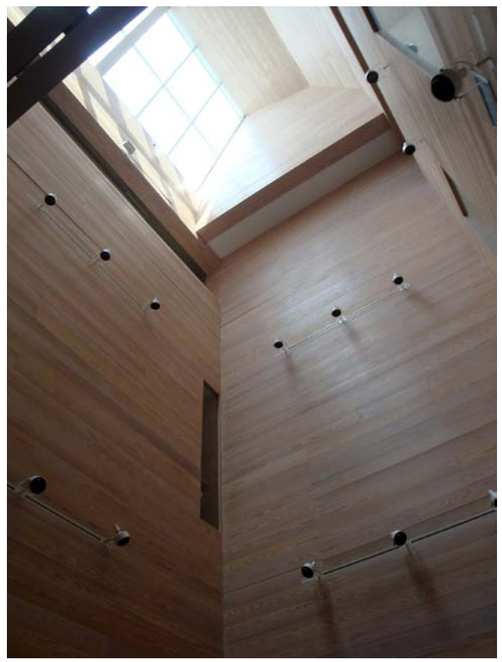
**ABOUT JACKSON COMMUNITY DESIGN CENTER:**

The Jackson Community Design Center, located in Mississippi State University School of Architecture's fifth-year Jackson Center, is an urban research laboratory whose mission is to support urban revitalization in Jackson and other mid-sized American cities. Initiated in 1996 by an endowment from The Phil Hardin Foundation, the Design Center adapts to the needs of the city and provides research, visioning, planning, and technical assistance to associations that are working to make a viable, healthy urban environment. The JCDC also conducts public educational programs and sponsors visiting lectures, along with other "continuing education" programs.

The JCDC is a think tank that analyzes the history and theory of urban design and questions the root of what drives development and evolution patterns in cities. The organization provides a service to the city by taking this research to develop and present concepts for land use – working regionally to influence growth to heal socioeconomic and municipal divides. The center runs diagnostics over specified regions of concern by conducting extensive mapping studies and historic analysis of comparable growth trends and proposes the most sustainable and feasible method for development.





**SCOPE OF WORK:**

The Jackson Community Design Center (JCDC) was hired by Jackson Preparatory School to complete a series of schematic design projects over the course of Summer 2011. The overall goal in the project was to produce both technical drawings and renderings to communicate proposed improvements to the campus in an upcoming Capital Strategies campaign.

The work was organized into 6 distinct projects (outlined to the right in the Table of Contents) all aimed at enhancing the overall aesthetic of campus while bringing varying styles of design into a more unified composition of structures. As per the JCDC's mission, educational activities were also integrated into the project, allowing students to study and design improvements to the Senior High courtyard, suggestions of which were highly beneficial in the actual design phase.

The drawings and proposals in this document are conceptual in nature, and may require further architectural and/or structural consultation before implementation. The primary goal in this document is to provide an illustrative and informative inventory of the various desires and needs for the campus, both academic and athletic.



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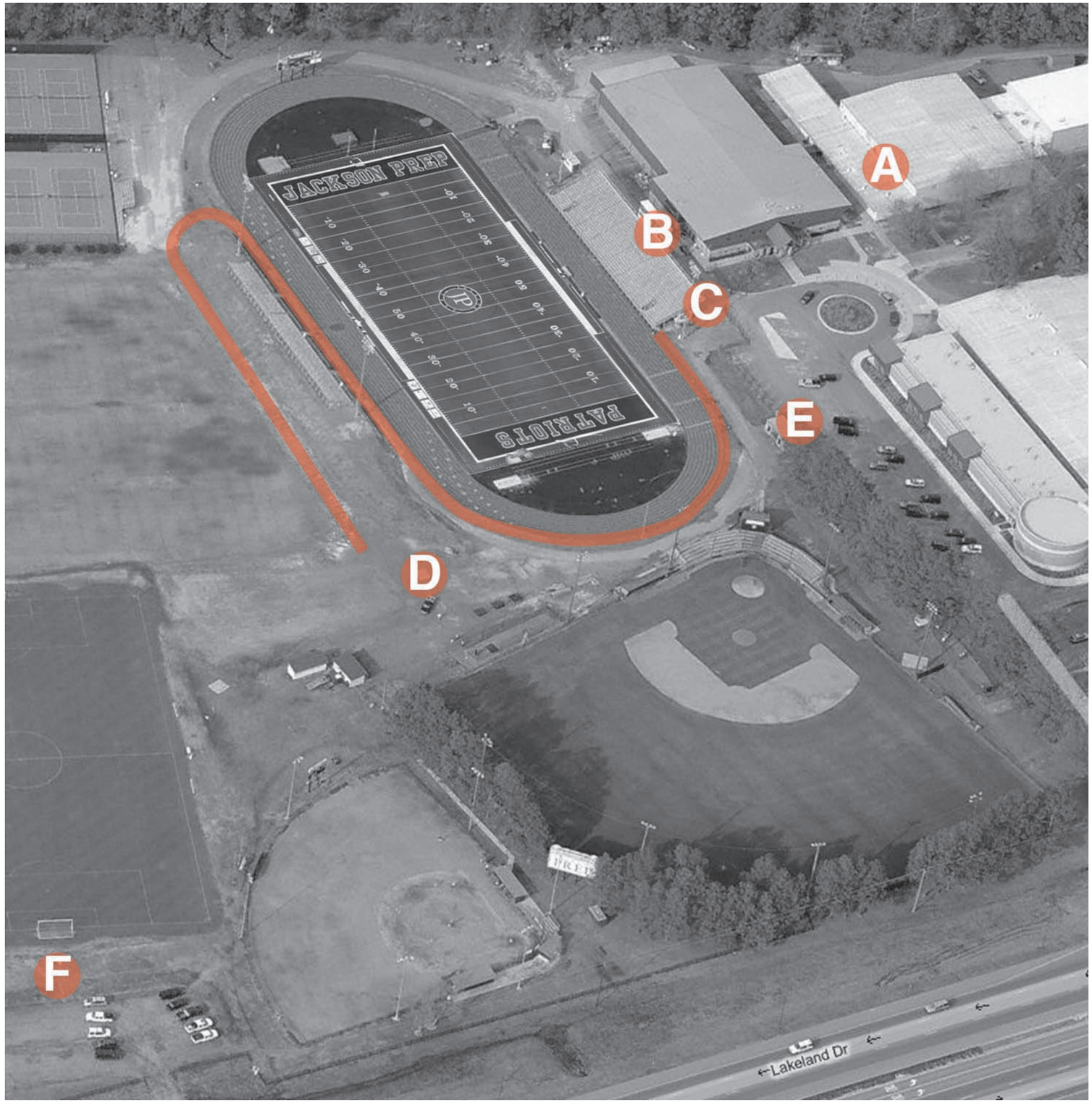
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**PROJECT 6: Ceramics Classroom Reconfiguration**

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***ATHLETIC FACILITIES / LOCKER ROOM IMPROVEMENTS:***

This portion of the project involves updating and improving on several aspects relating to Jackson Prep's athletic facilities.

**A:** **Locker Room improvements (Manning Center & Fortenberry Gym)**
*Estimated cost:* ***$249,969.69***

**B:** **Renovation/Addition to football field Press Box**
*Estimated cost:* ***$53,822.31***

**C:** **Improve area beneath the home-side stands at the football stadium**
*Estimated cost:* ***$103,034.98***

**D:** **New concessions/rest rooms at the SW corner of the football stadium**
*Estimated cost:* ***$237,055.63***

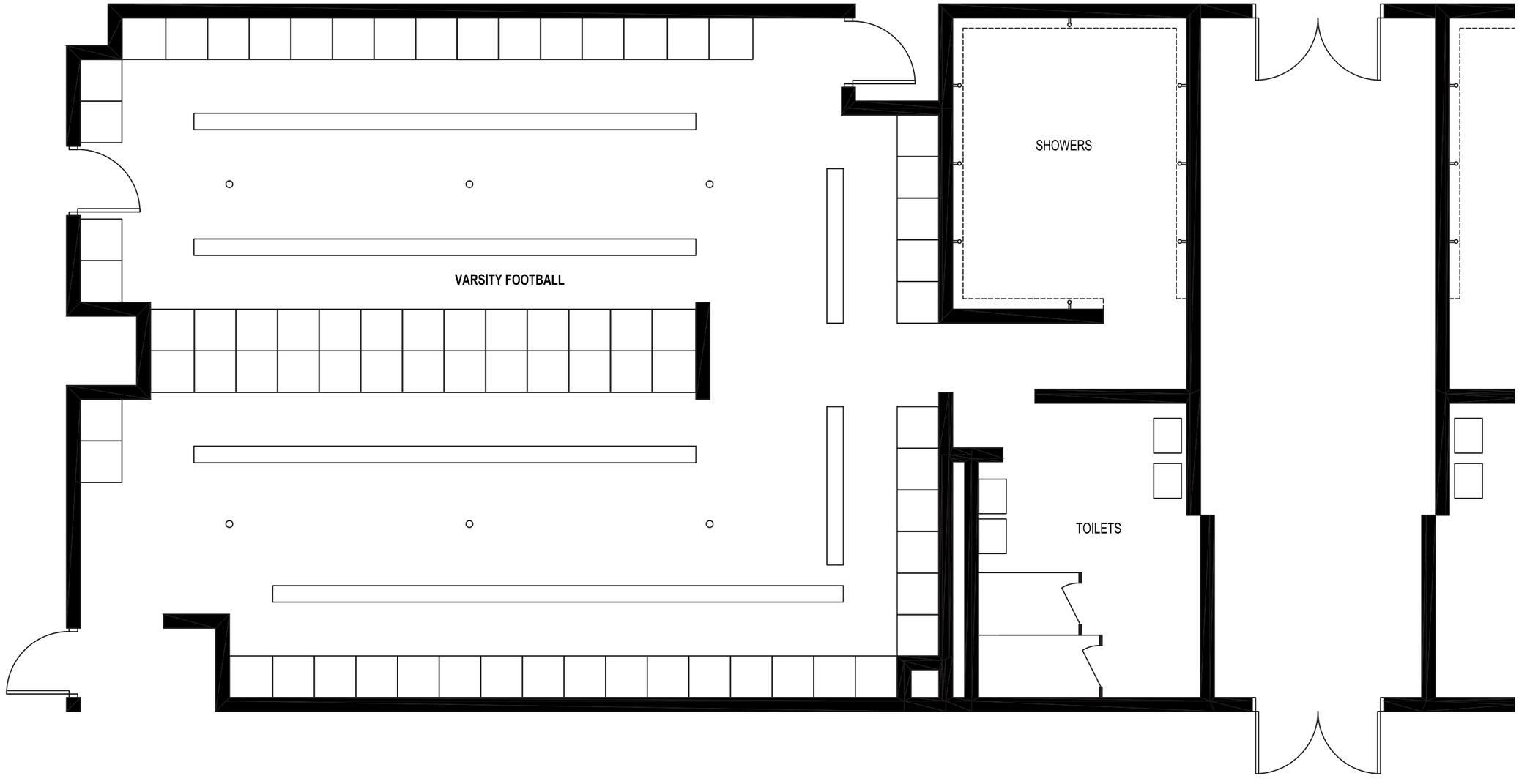
**E:** **Improve the ground condition with landscaping & hardscaping**
*Estimated cost:* ***$288,921.60***

**F:** **Construct formal entrance/soccer net wall for soccer fields**
Option 1- *Estimated cost:* ***$40,027.68***
Option 1 Alternate- *Estimated cost:* ***$14,295.60***
Option 2- *Estimated cost:* ***$25,732.08***

**Estimated Total for Project 5: $947,099.82**

*Note that the outdoor classroom and ceramics addition may be part of one construction project, but for pricing purposes have been separated out. For estimated pricing on the outdoor classroom, please refer to Project 2.

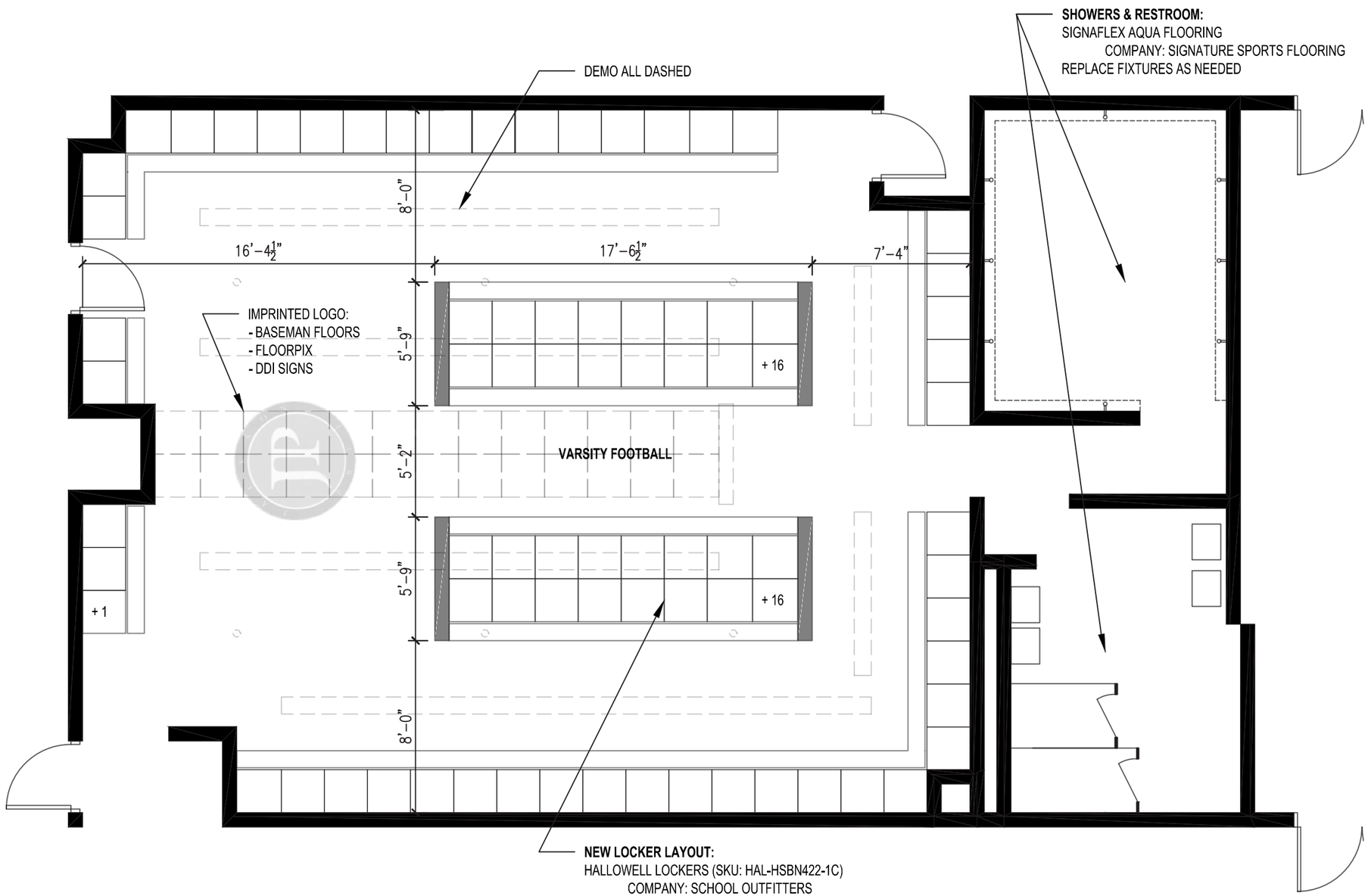
*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. These estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.




ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: MANNING CENTER
**VARSITY FOOTBALL LOCKER ROOM**
SCALE: $\frac{3}{16}$" = 1'-0"

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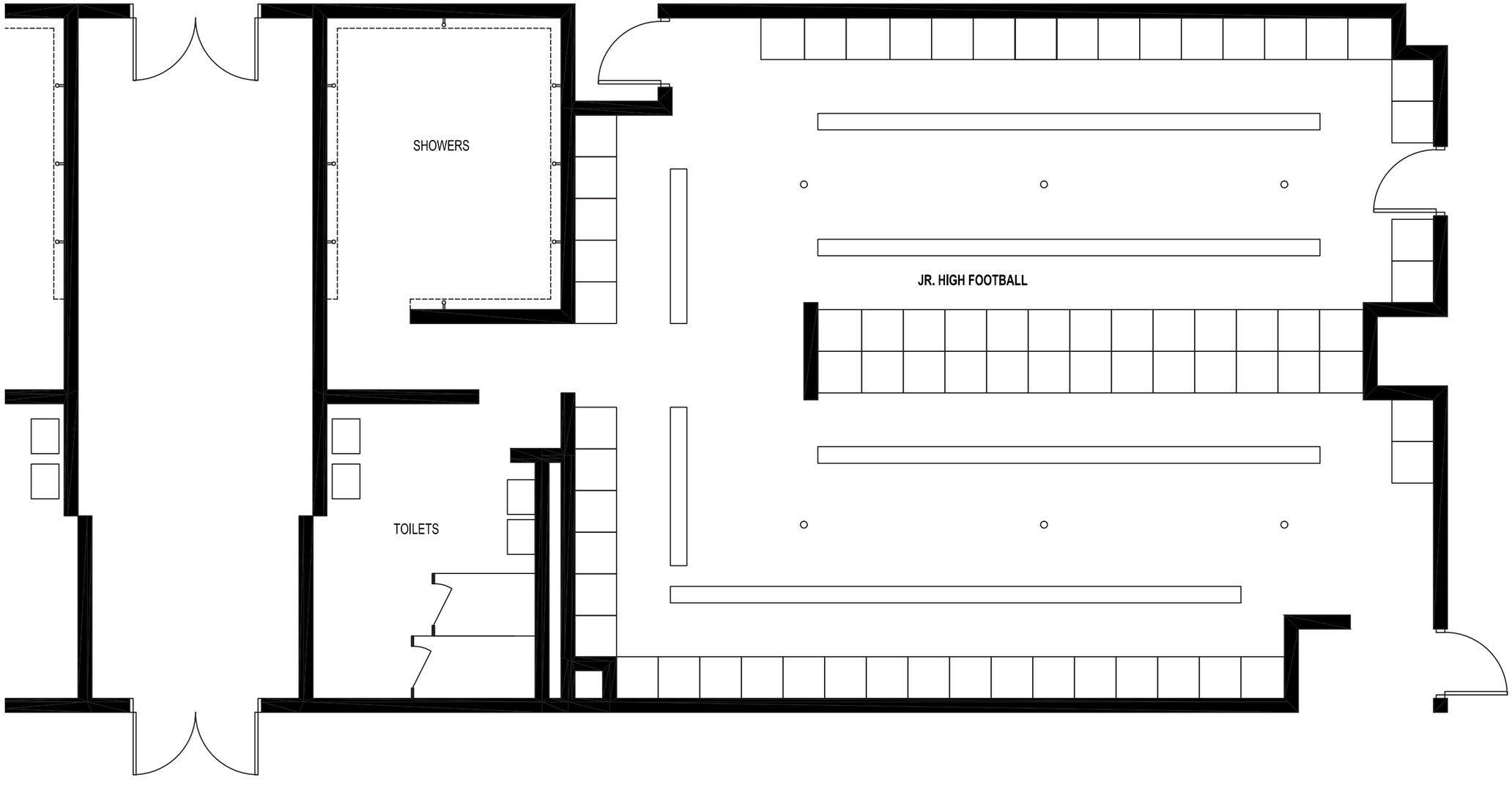



ATHLETIC FACILITIES IMPROVEMENTS
PROPOSED: MANNING CENTER
**VARSITY FOOTBALL LOCKER ROOM**
SCALE: $\frac{3}{16}$" = 1'-0"

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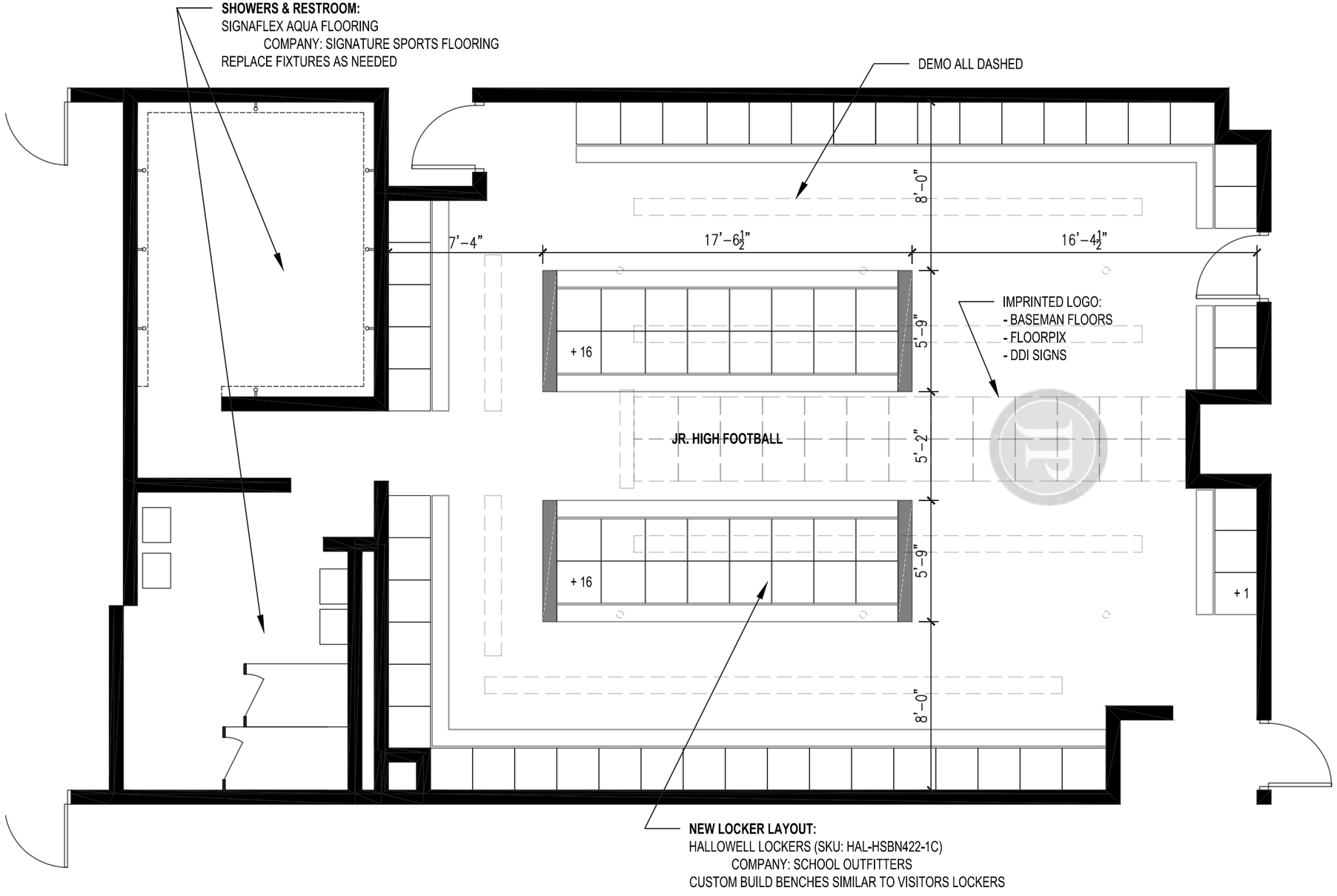
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ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: MANNING CENTER
**JR. HIGH FOOTBALL LOCKER ROOM**
SCALE: $\frac{3}{16}$" = 1'-0"

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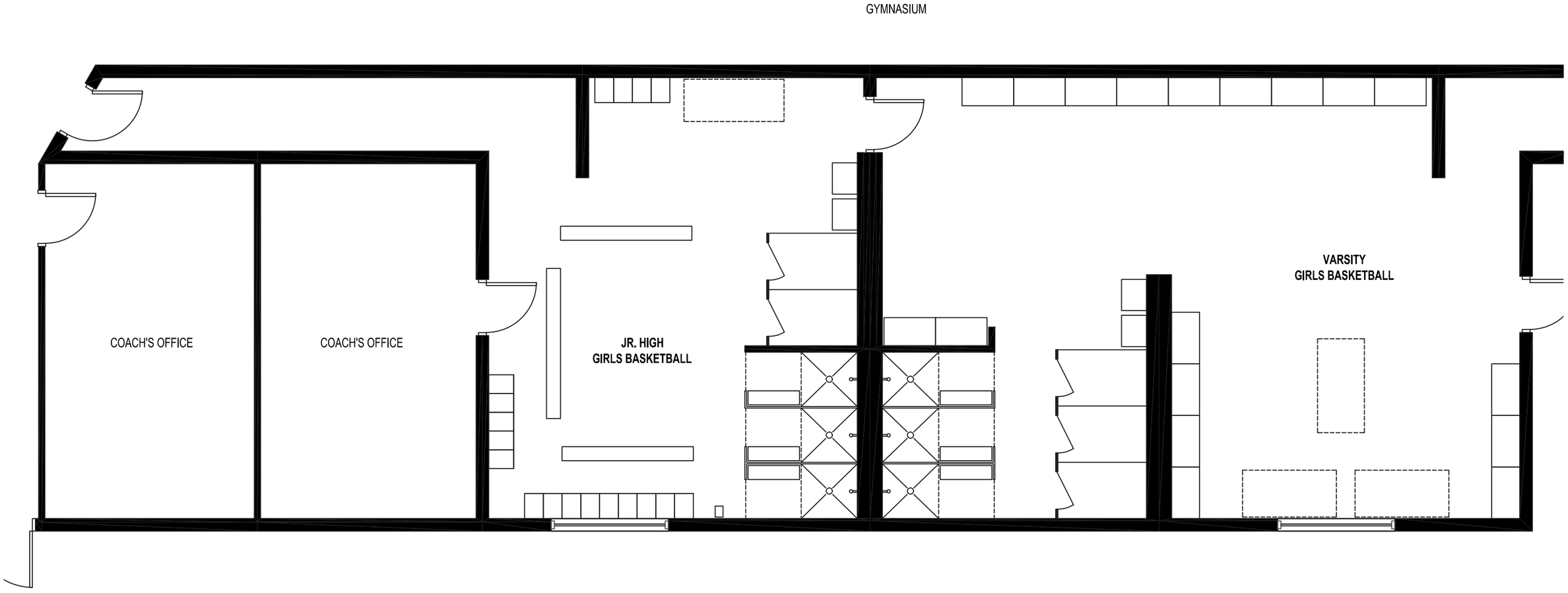



# ATHLETIC FACILITIES IMPROVEMENTS
## PROPOSED: MANNING CENTER
## JR. HIGH FOOTBALL LOCKER ROOM
SCALE: $\frac{3}{16}$" = 1'-0"

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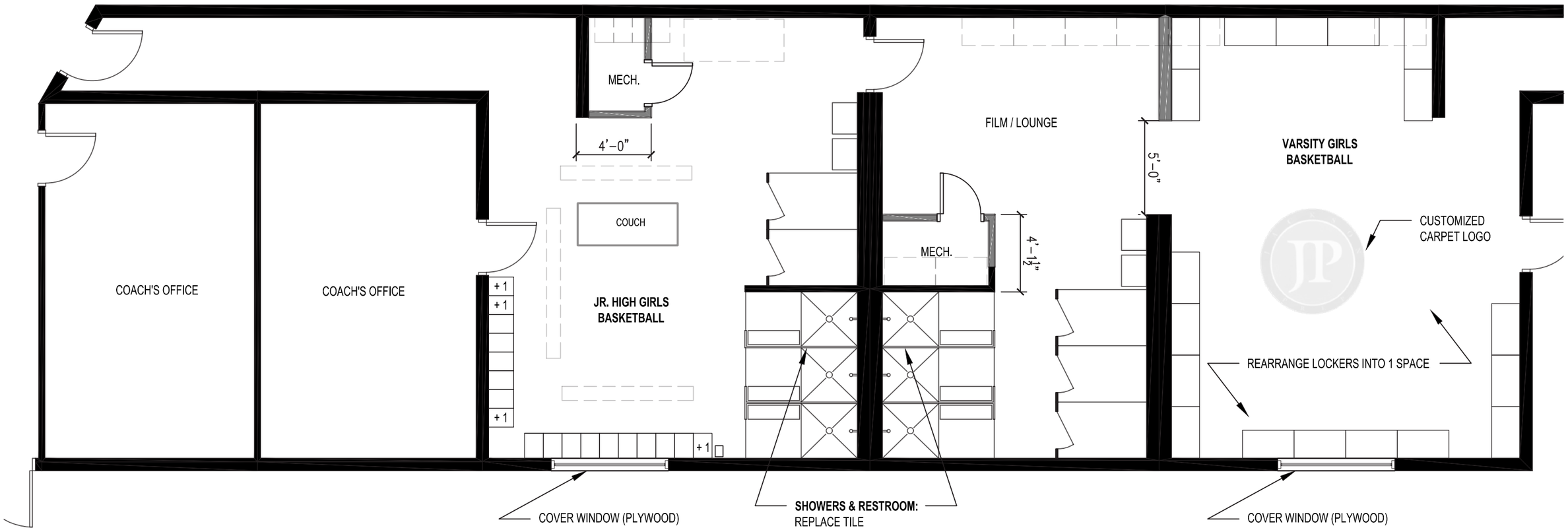



ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: FORTENBERRY AUDITORIUM
**VARSITY & JR. HIGH GIRLS BASKETBALL**
SCALE: $\frac{3}{16}$" = 1'-0"

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GYMNASIUM

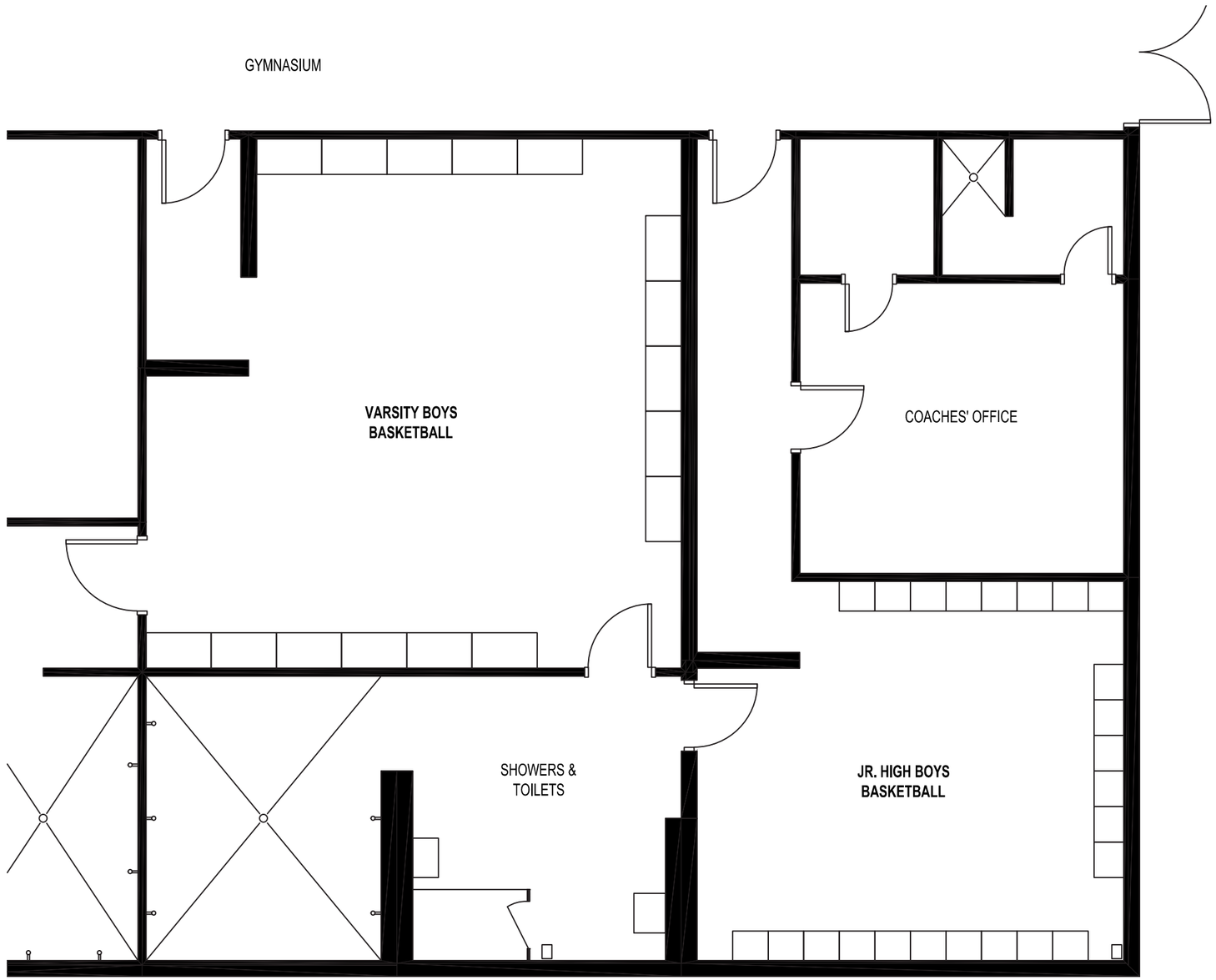



ATHLETIC FACILITIES IMPROVEMENTS
PROPOSED: FORTENBERRY AUDITORIUM
**VARSITY & JR. HIGH GIRLS BASKETBALL**
SCALE: $\frac{3}{16}$" = 1'-0"

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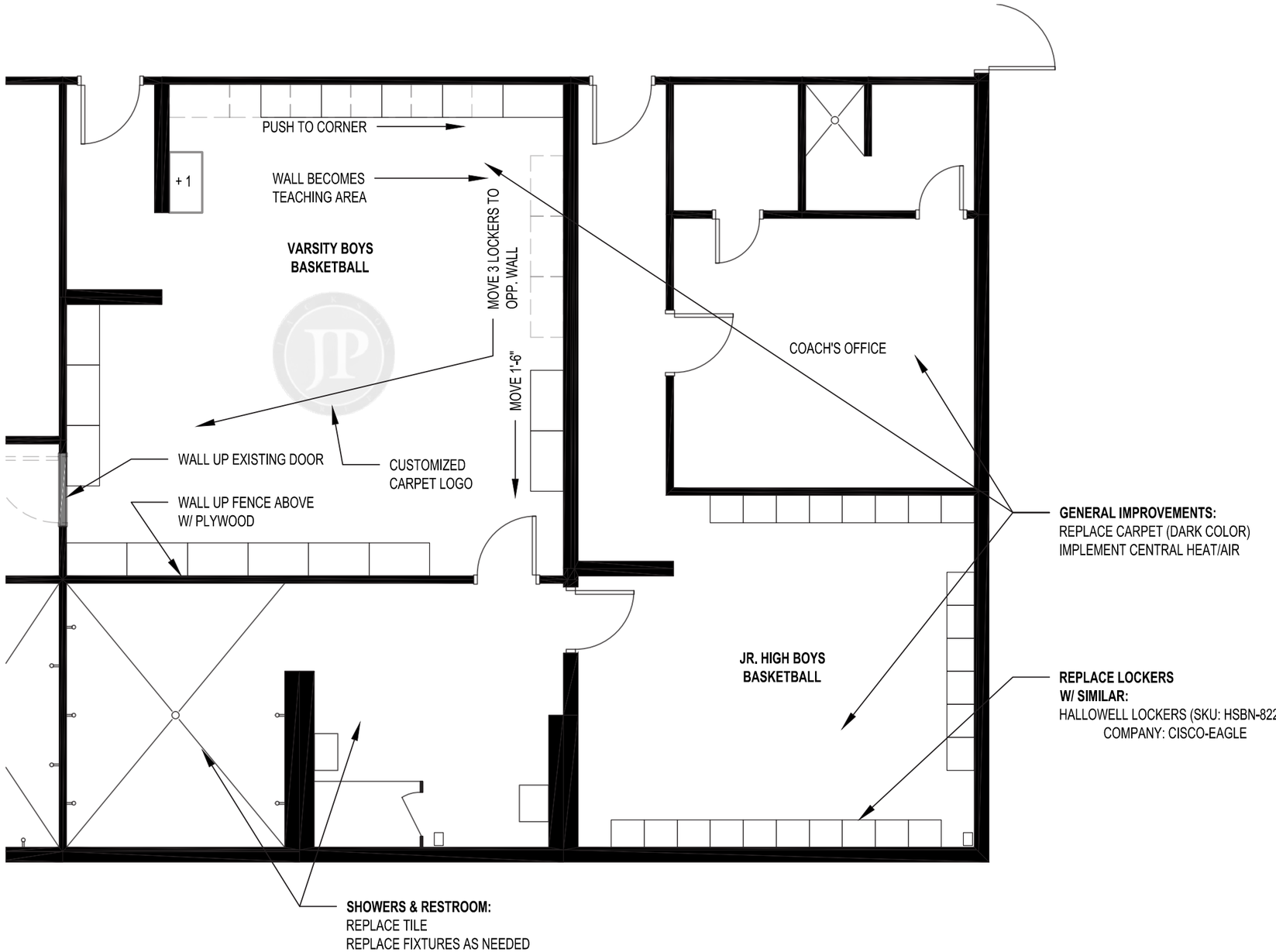
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ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: FORTENBERRY AUDITORIUM
**VARSITY & JR. HIGH BOYS BASKETBALL**
SCALE: $\frac{3}{16}$" = 1'-0"

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ATHLETIC FACILITIES IMPROVEMENTS

PROPOSED: FORTENBERRY AUDITORIUM

**VARSITY & JR. HIGH BOYS BASKETBALL**

SCALE: $\frac{3}{16}$" = 1'-0"

JACKSON PREP

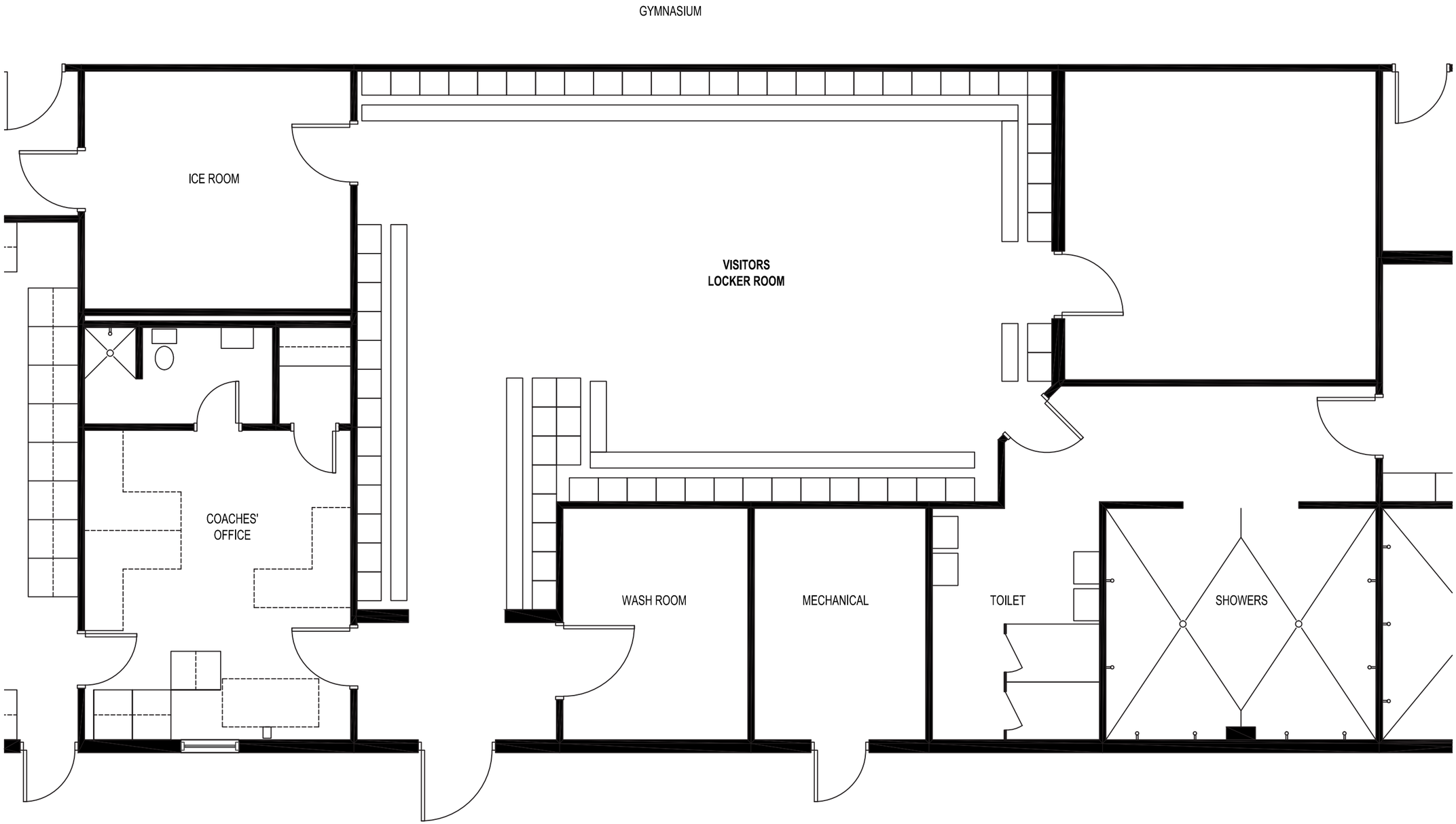
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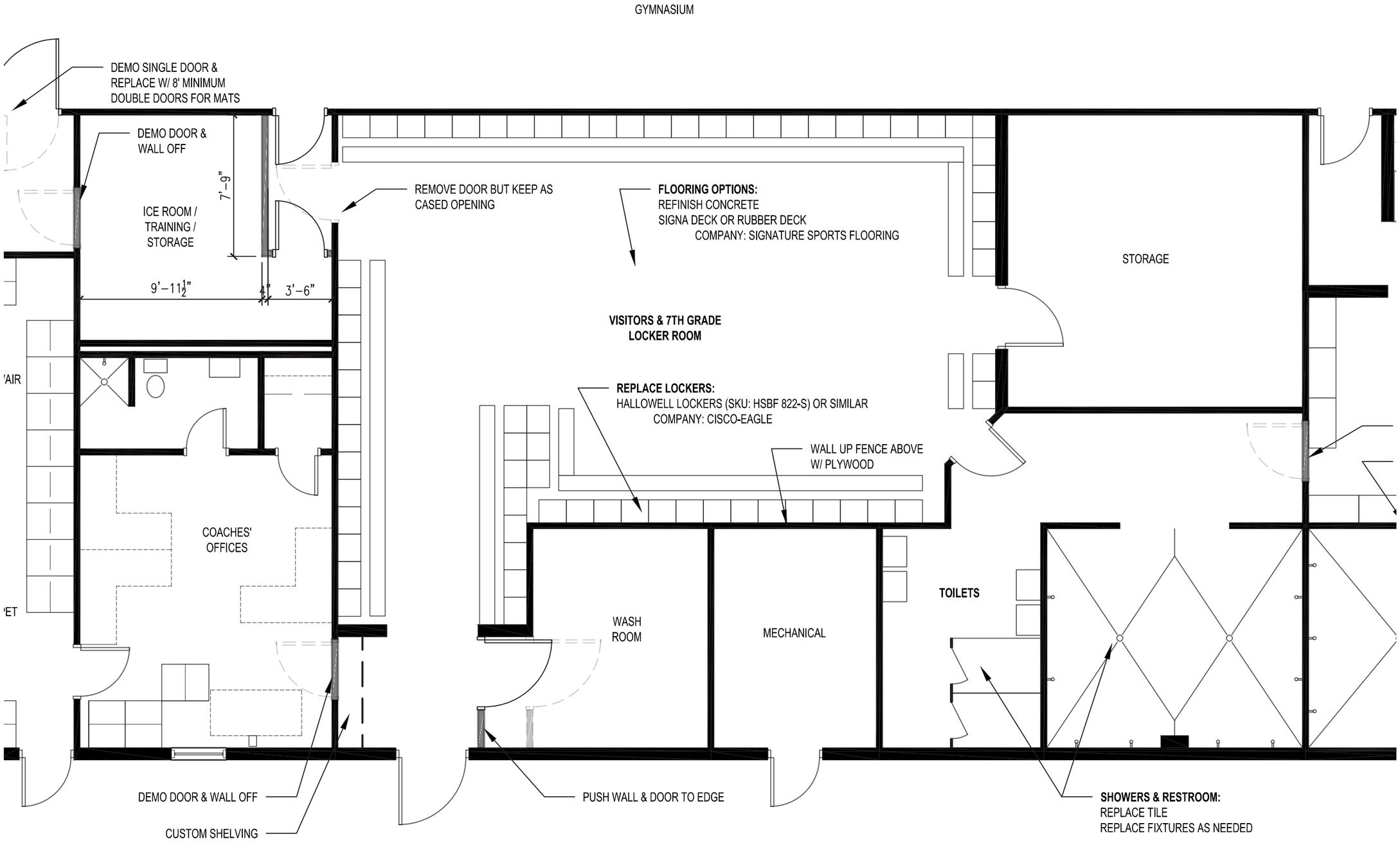
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ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: FORTENBERRY AUDITORIUM
**VISITORS & 7TH GRADE LOCKER ROOM**
SCALE: $\frac{3}{16}$" = 1'-0"

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ATHLETIC FACILITIES IMPROVEMENTS

PROPOSED: FORTENBERRY AUDITORIUM

**VISITORS & 7TH GRADE LOCKER ROOM**

SCALE: $\frac{3}{16}$" = 1'-0"

JACKSON PREP

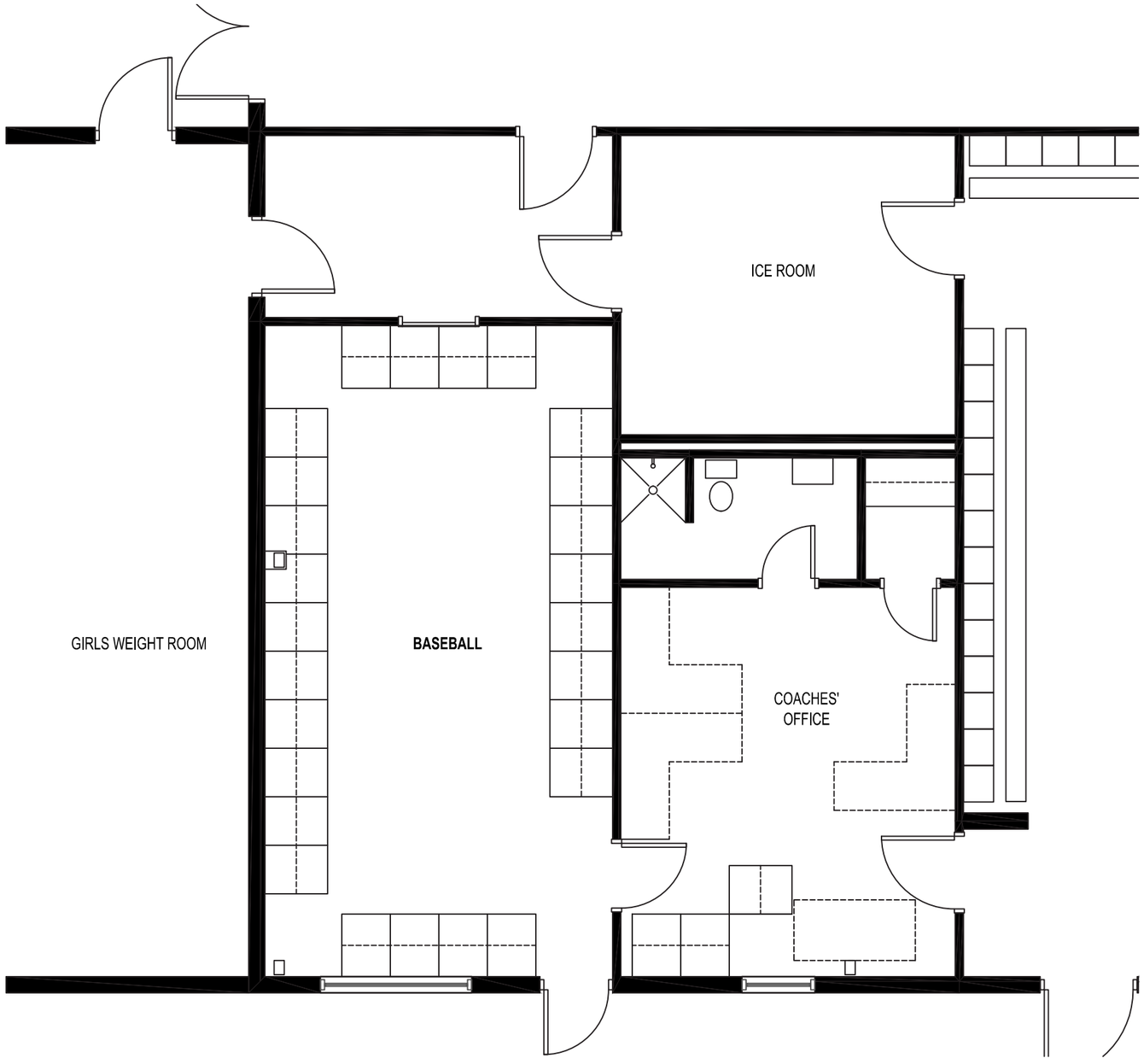
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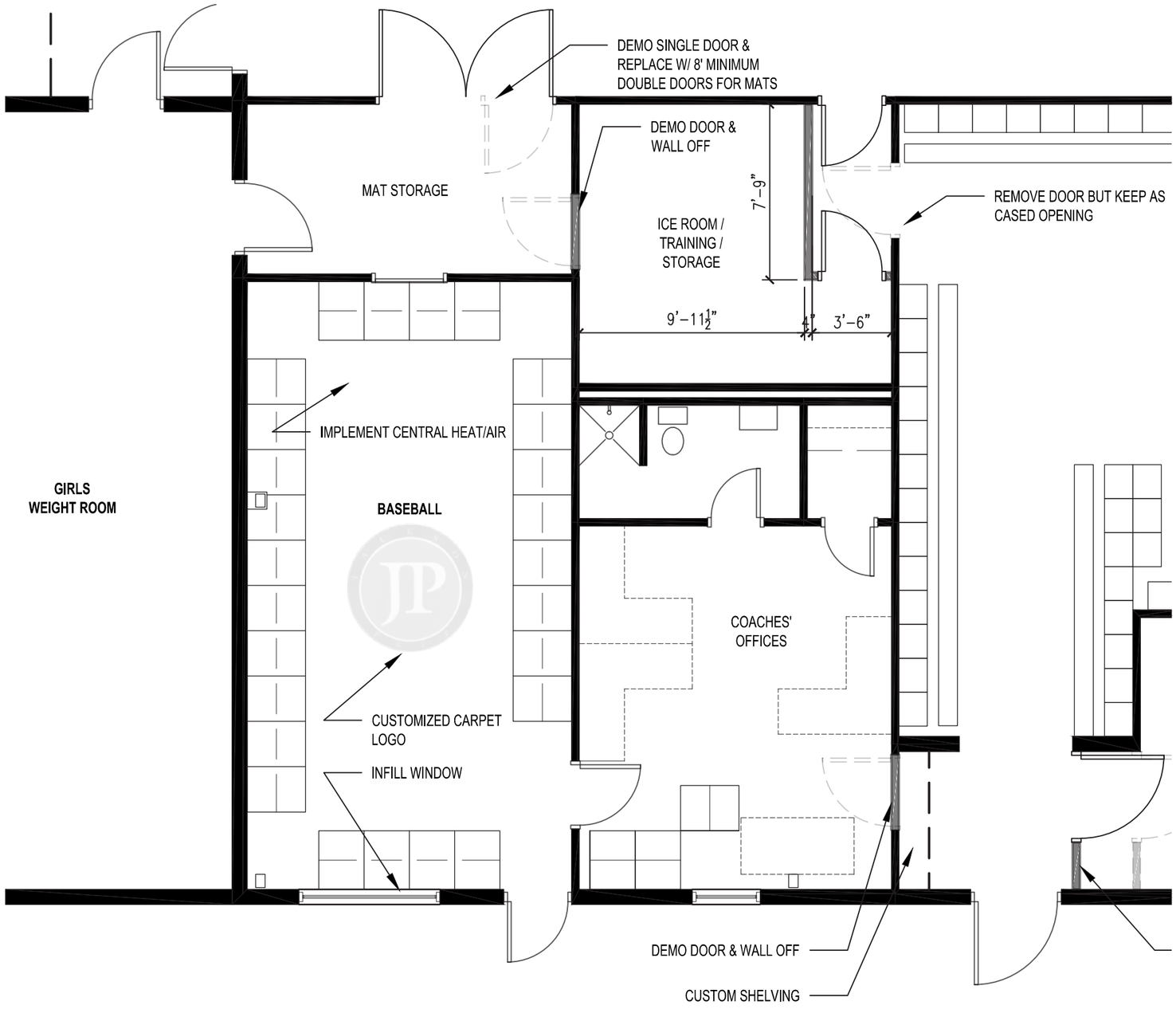



ATHLETIC FACILITIES IMPROVEMENTS
EXISTING: FORTENBERRY AUDITORIUM
**BASEBALL LOCKER ROOM**
SCALE: $\frac{3}{16}$" = 1'-0"

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ATHLETIC FACILITIES IMPROVEMENTS
PROPOSED: FORTENBERRY AUDITORIUM
**BASEBALL / MAT STORAGE**
SCALE: $\frac{3}{16}$" = 1'-0"

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## STADIUM FACILITIES IMPROVEMENTS

The following improvements are suggested for the stadium facilities:

- **Press box Replacement**
- **Re-cladding the East Facade**
- **Changing Room Enhancement**



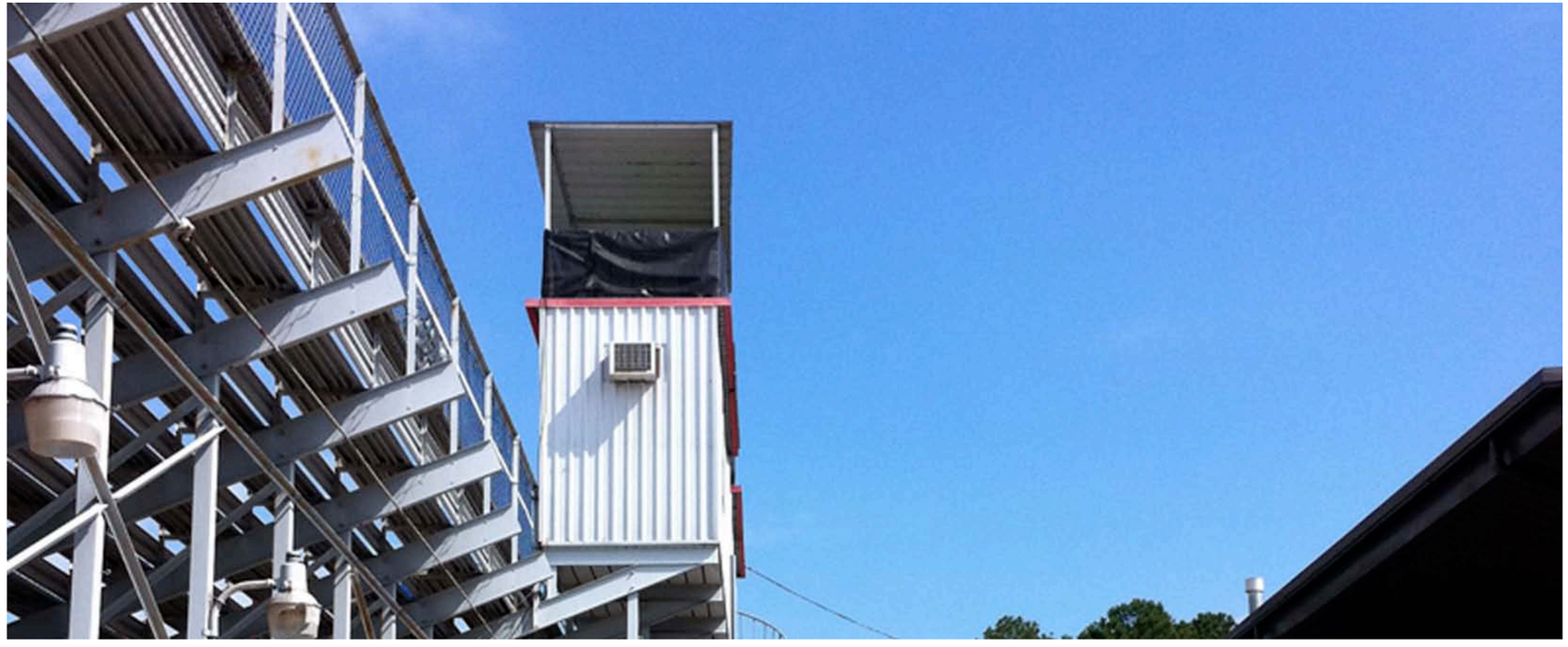
*PRESS BOX REPLACEMENT*

**PREFABRICATED MODULAR UNIT:**

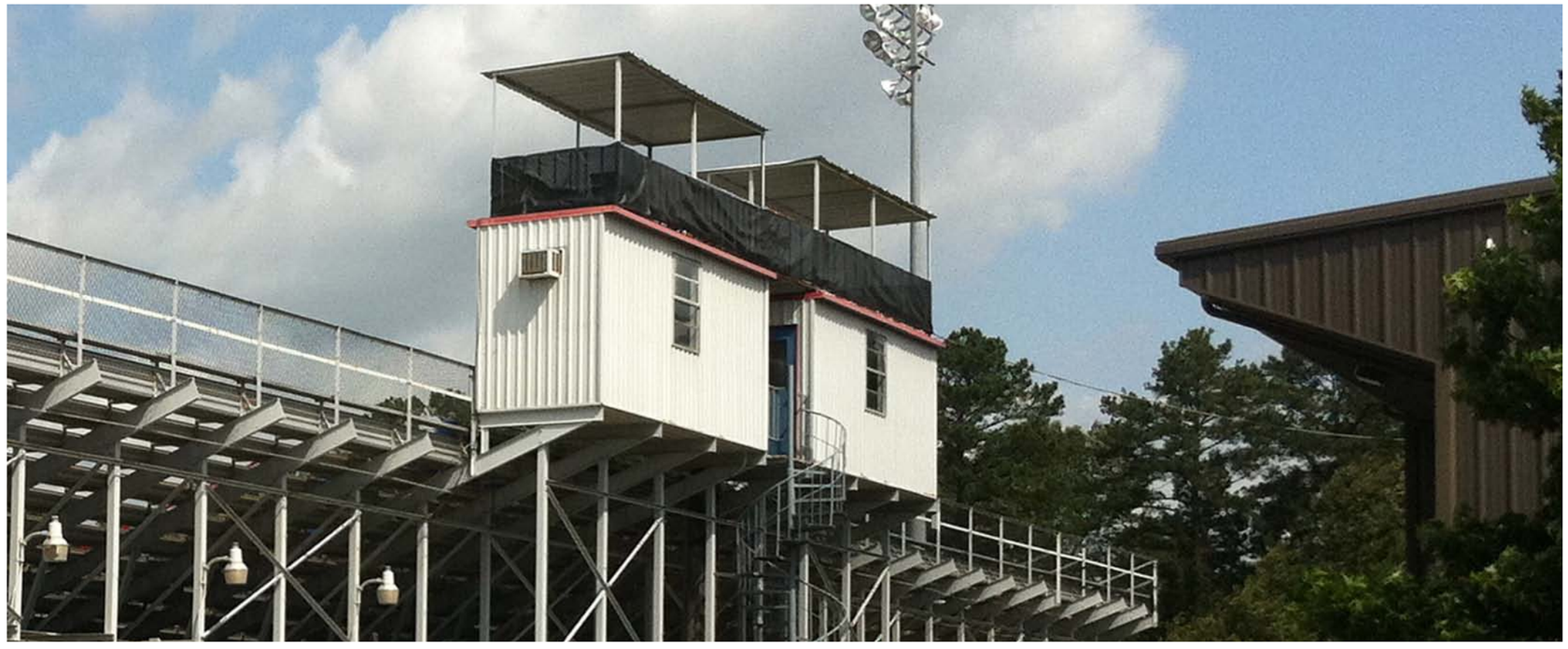
The current press box Unit that resides on the Home side of the athletic field is in poor condition and in need of replacement.

A customized prefabricated unit has been investigated that includes:

- 4 individual spaces
- Observation deck
- Accessible from stadium seating
- New Walkway around the unit
  - Engineering required to enhance structural system to support the new load



**EXISTING PRESS BOX**



**EXISTING PRESS BOX**

*PRESS BOX REPLACEMENT*
**PREFABRICATED MODULAR UNIT:**

## Manufacturers*:

### Sturdisteel

http://www.sturdisteel.com/

**Press Boxes Features:**
- Exterior 21 Gauge Type R Metal Panels
- 5/8” CD Exterior Grade Plywood
- Inside Wall 3/8” Regular Sheet Rock
- Finished Interior Wall-1/4” Interior Grade Plywood Paneling
- Pre-wired for Local Power Connection
- 2”x 2” x 5/8” Acoustical Tile

**Press Boxes Options:**
- Filming Deck Press Boxes
- Roof Hatch Press Boxes
- Air Conditioning Press Boxes
- Press Boxes With Multiple Rooms
- Non-Combustible Steel Framing Press Boxes
- Security Shutters Press Boxes
- Press Boxes With Fixed Glass

### Whitley Manufacturing

http://www.whitleyman.com/floor plans/press/

### Allied Modular Buildings

http://www.alliedmodular.com/products/guardhouses/press-boxes.php

**Allied Modular’s Advantage**
- Flexible and Cost Effective
- Re-usable and Re-locatable
- Less Mess and Cleanup
- No Painting or Patching
- Class A Gypsum Panels Standard
- Superior Sound & Thermal Values
- Anti-Corrosion Framing System
- Easily Upgrade Features or Size
- Permits In All 50 States
- CA and TN Manufacturing Plants
- V-TexTM Powder coat color match system.
- Manufacturing in California & Tennessee

**Available Options**
- Steel, Aluminum, FRP Facings
- Largest Color Selection
- Steel Doors Standard
- Full Glass Sliding Doors
- Dual Pane Windows
- Heat and Air Conditioning
- Exterior Lighting
- Phone and Data Jacks
- ADA Hardware and Ramps
- Specialized Electrical and Networking Receptacles

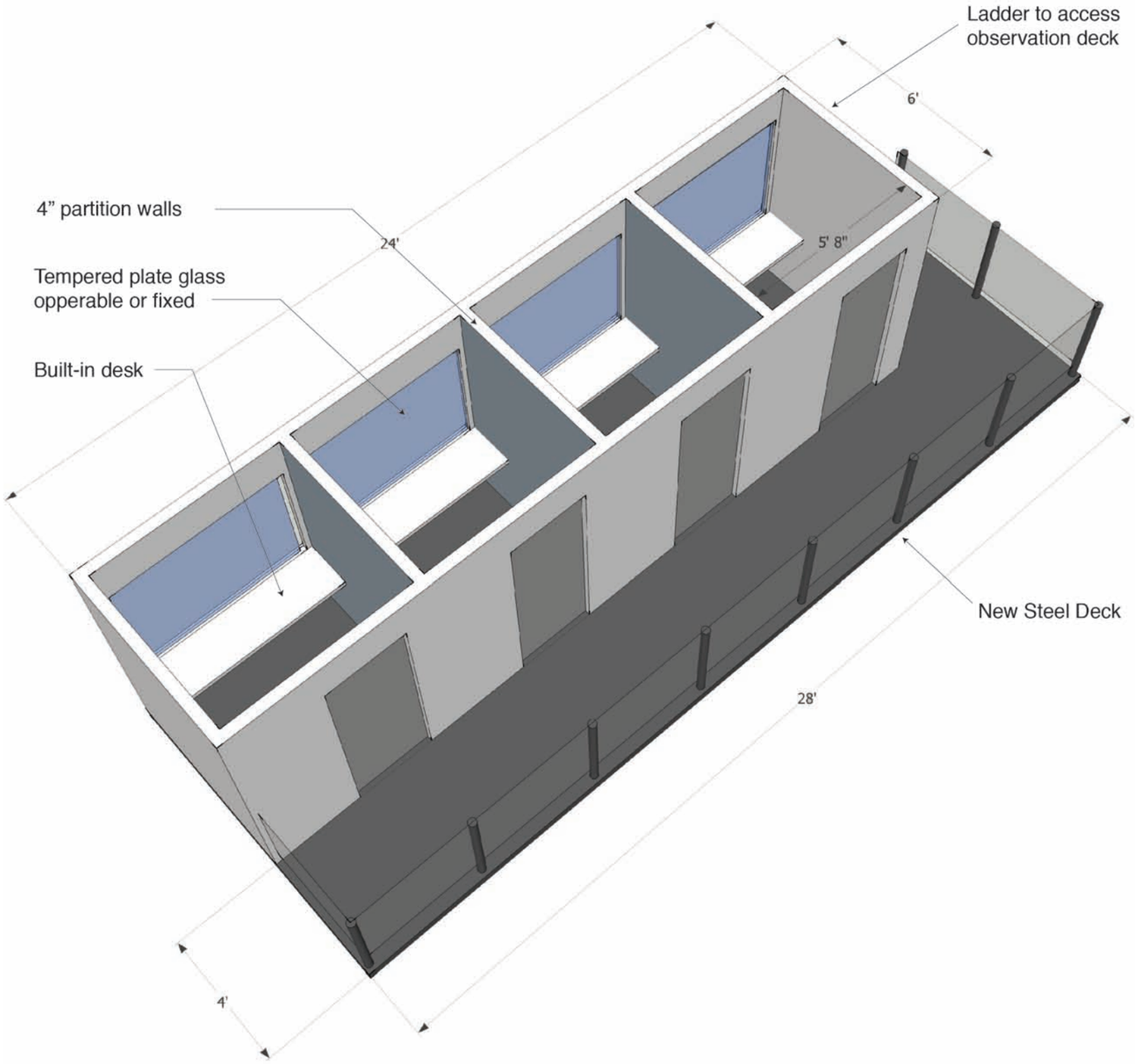
*These manufacturers are only suggested to give a selection of options and building types available.



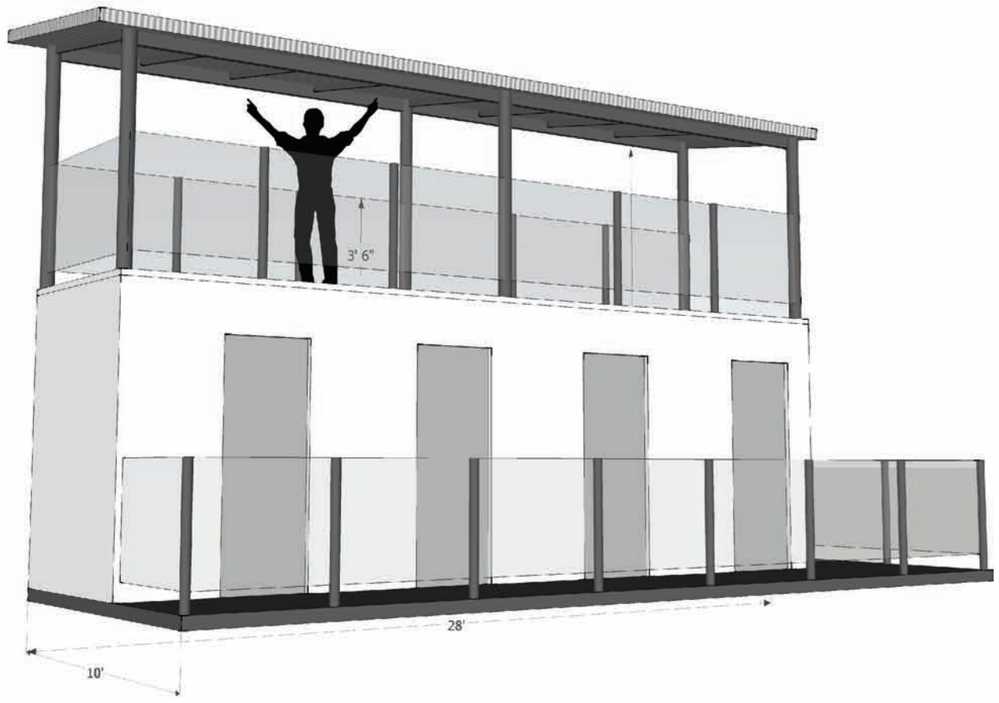
**PROPOSED PRESS BOX ELEVATION**

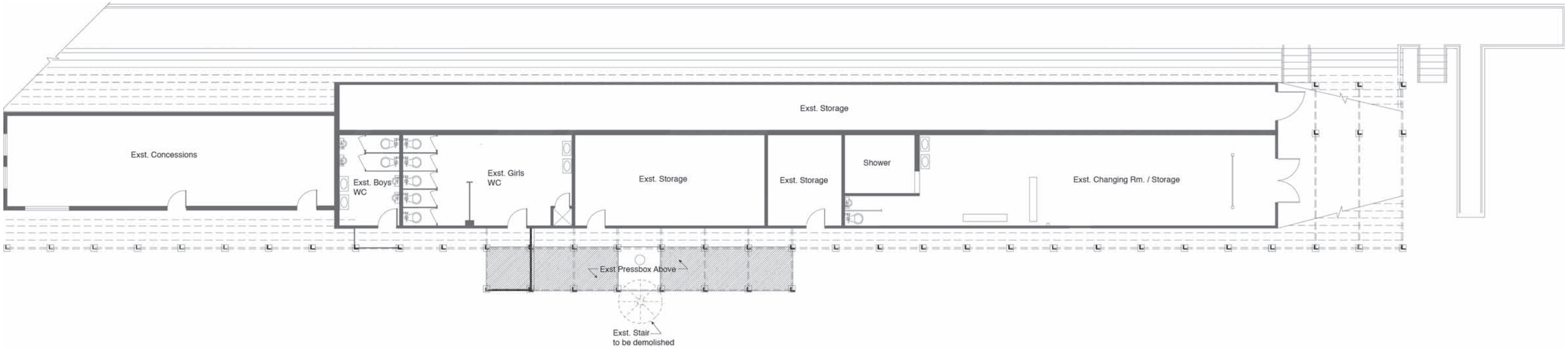


**PROPOSED PRESS BOX PERSPECTIVE**

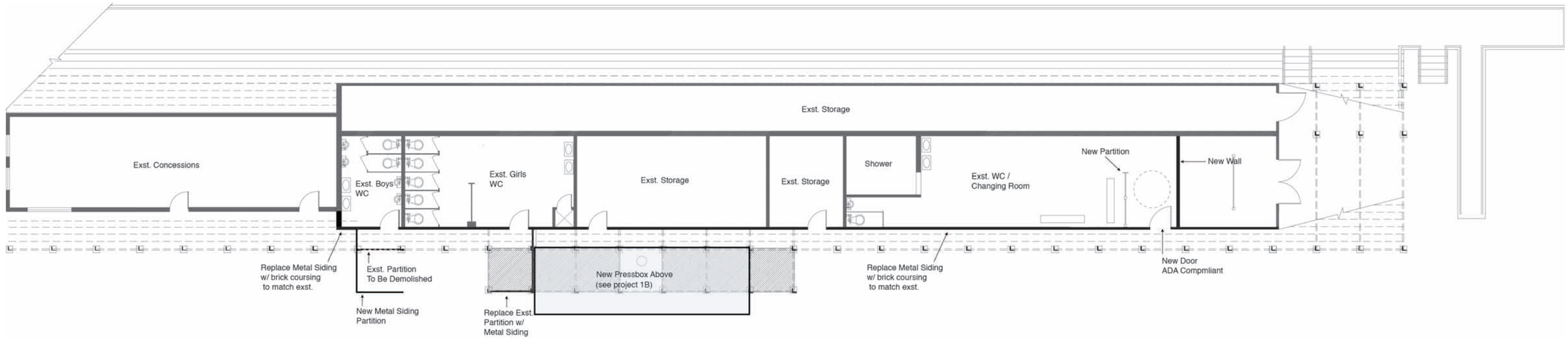

Ladder to access
observation deck
6'
4" partition walls
24'
5' 8"
Tempered plate glass
opperable or fixed
Built-in desk
New Steel Deck
28'
4'


3' 6"
15' 10"
8'
5' 8"
28'
10'

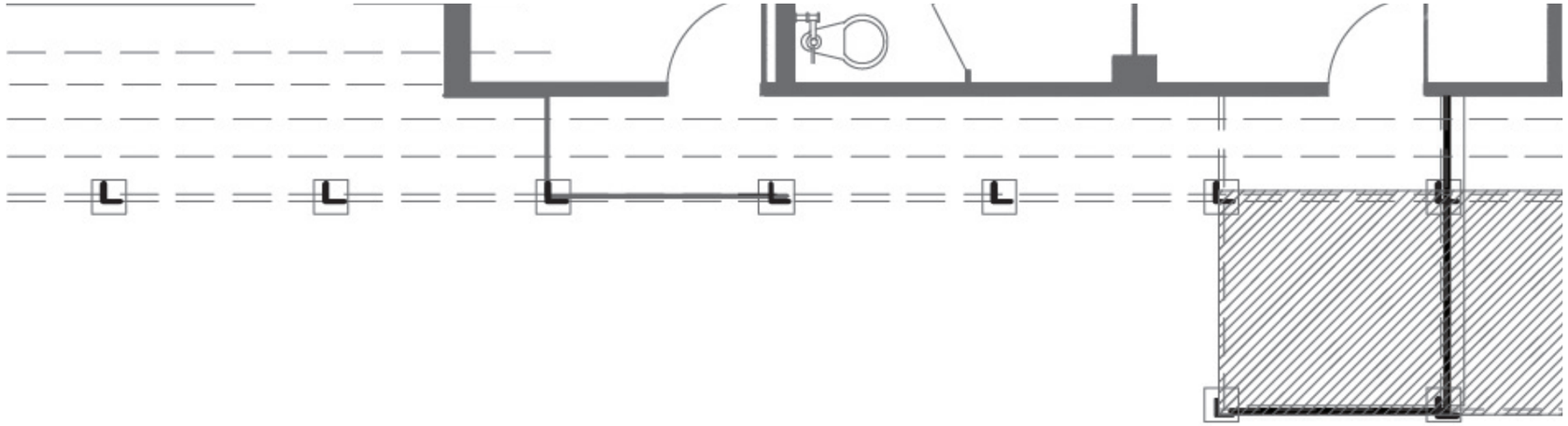

3' 6"
28'
10'




## EXISTING FLOOR PLAN




## PROPOSED FLOOR PLAN

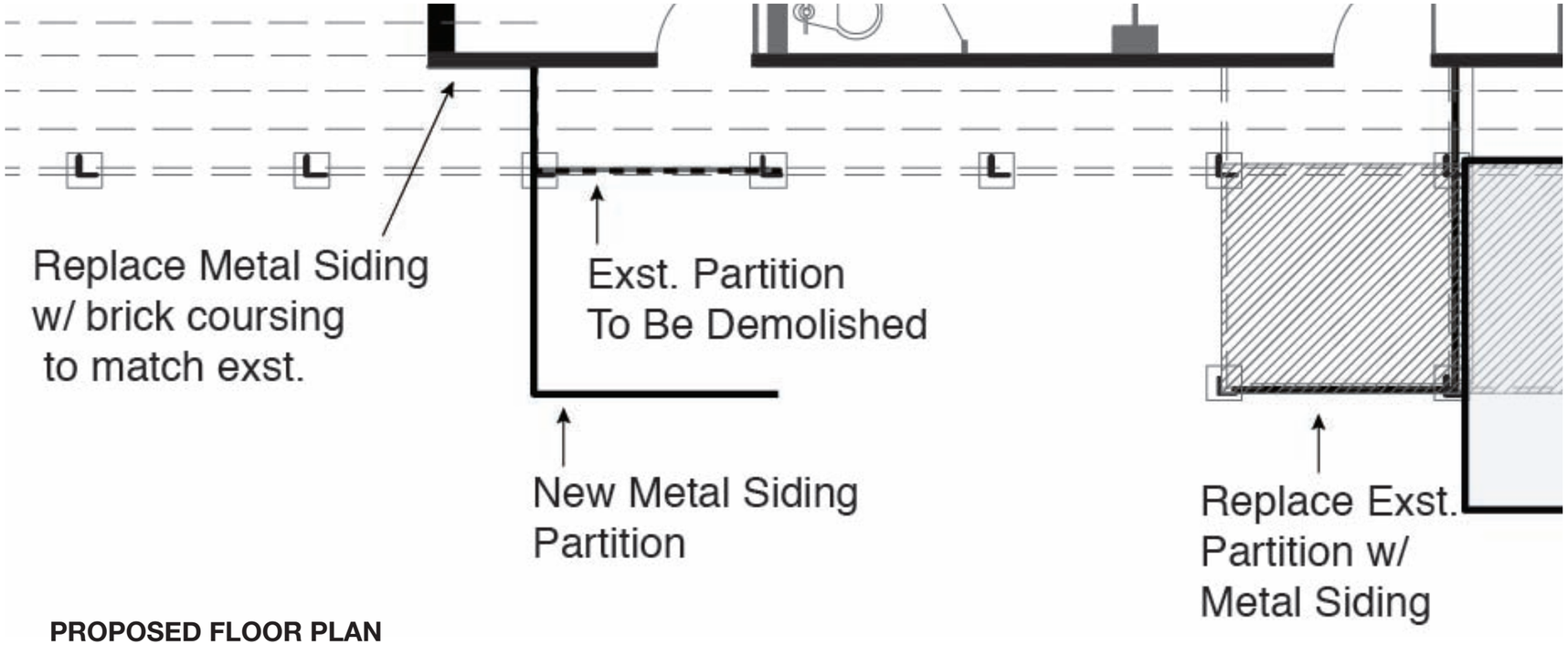


**EXISTING FLOOR PLAN**

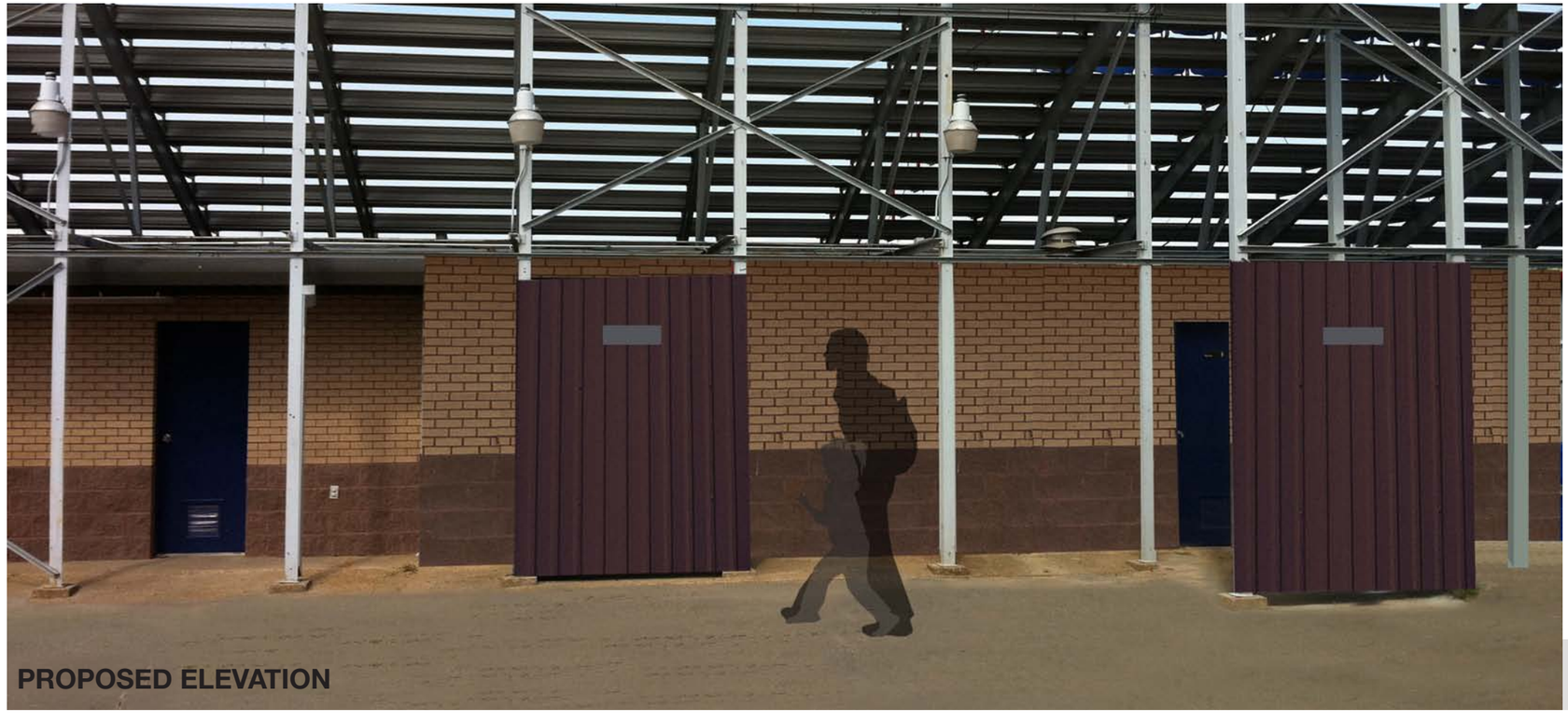


**EXISTING ELEVATION**

*EXISTING CONCESSIONS FACILITY*

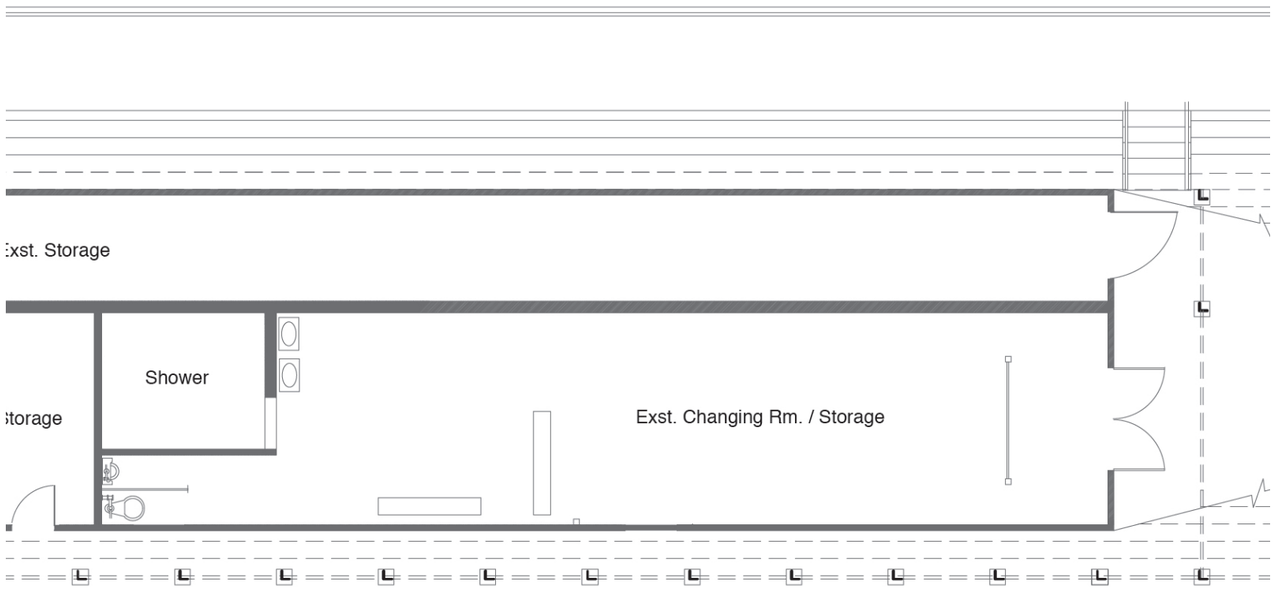



**PROPOSED FLOOR PLAN**



**PROPOSED ELEVATION**

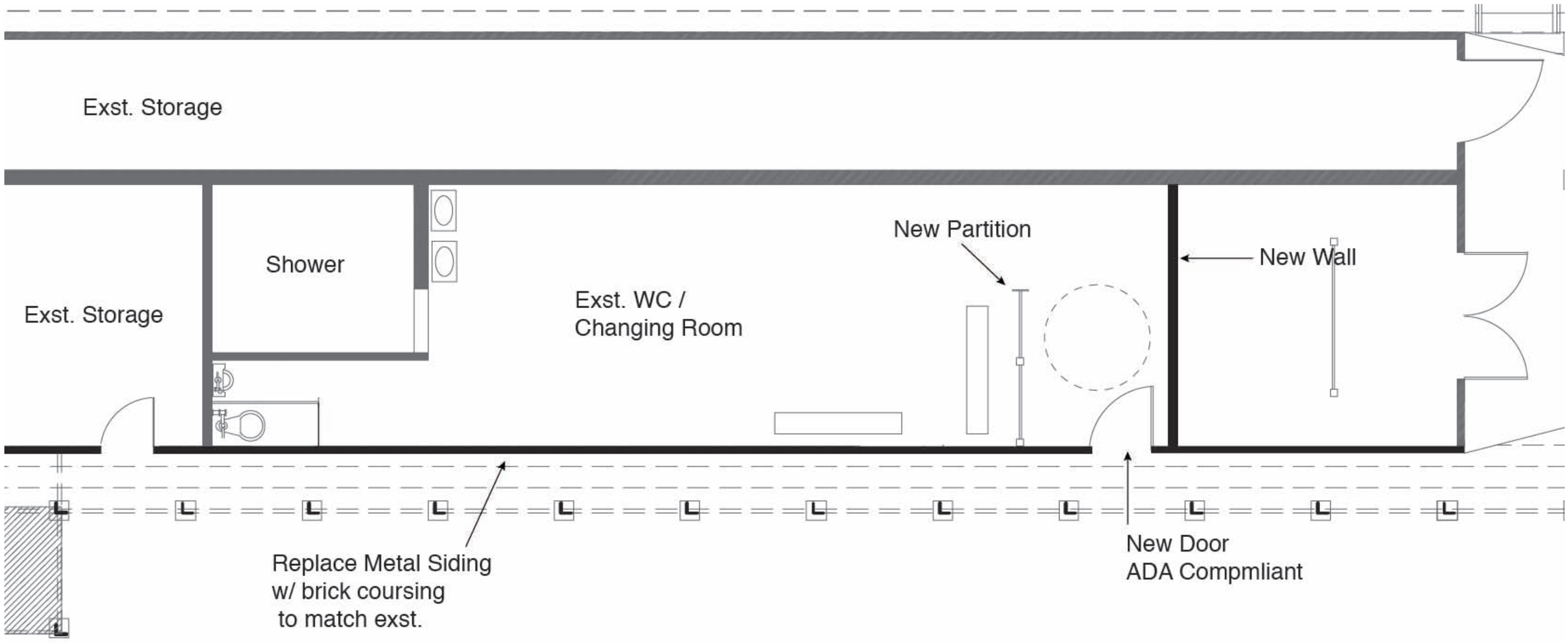
***SITE DESIGN OPTION 1:***




**EXISTING FLOOR PLAN**



**EXISTING CONDITION**




**PROPOSED FLOOR PLAN**

**NEW VISITOR'S SIDE RESTROOM AND CONCESSIONS FACILITY:**

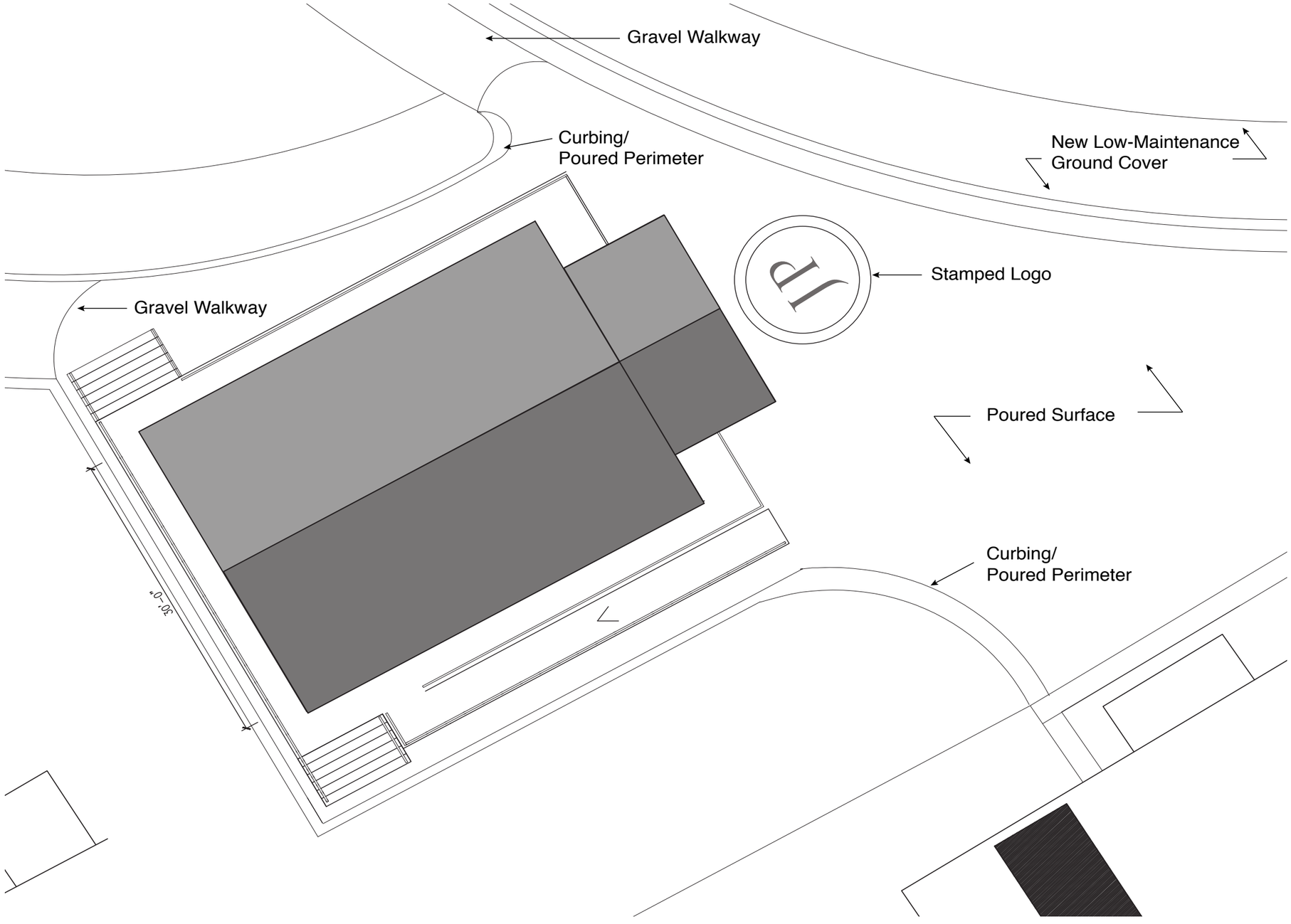
Jackson Prep envisions a new facility to accommodate visitors during sporting events by building a new restroom and concessions facility. This would include a new male and female restroom, ADA accessible facilities, and a concession stand for the visitor's side.



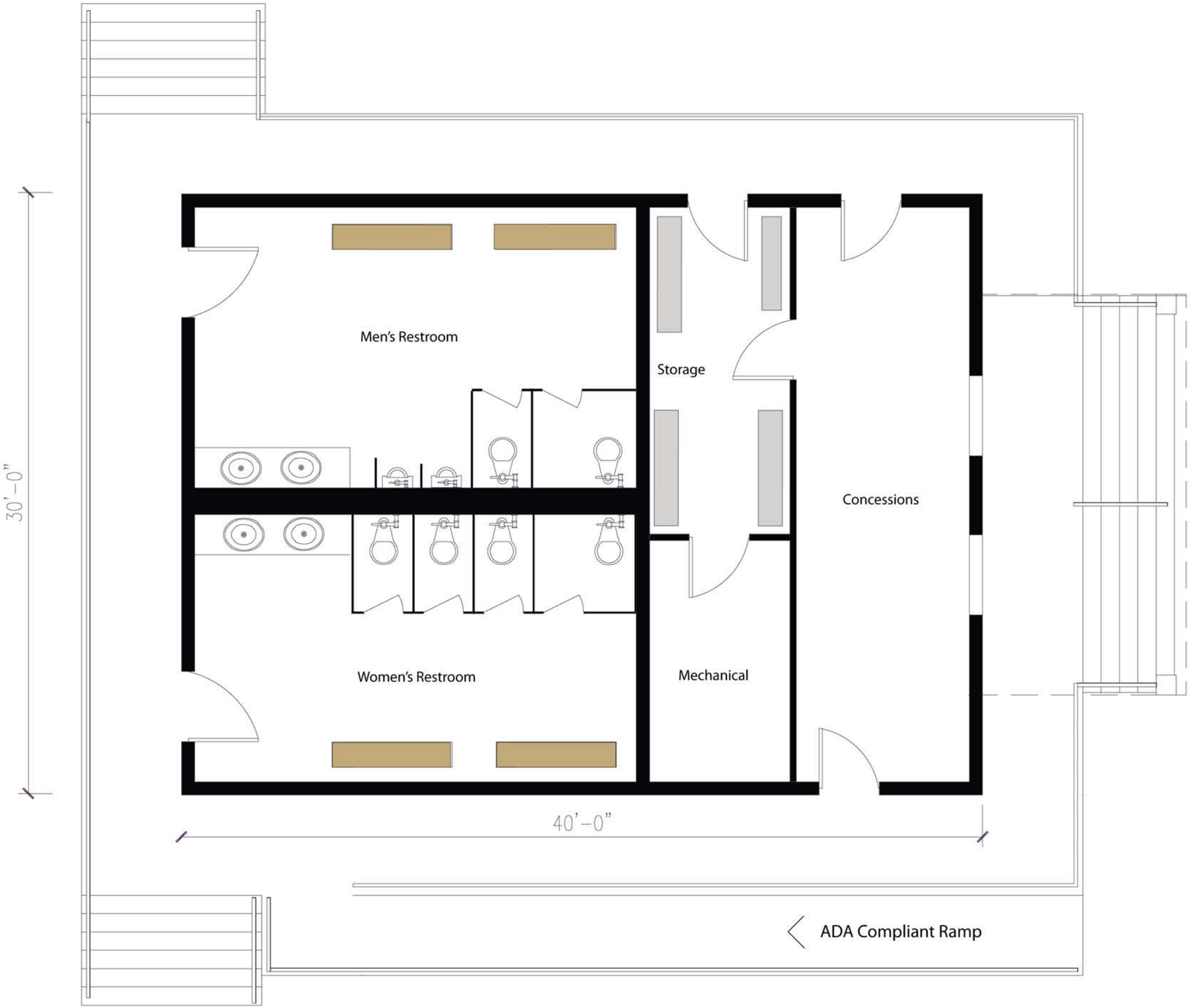

**EXISTING SITE**




PROPOSED FACILITY




**PROPOSED SITE PLAN**




**PROPOSED FLOOR PLAN**

## ATHLETIC FIELD IMPROVEMENTS

The following improvements are suggested for the athletic field:

- Entry Enhancement
- Paving the Common Areas
- Visitor Side Concessions Building




EXISTING SITE PLAN



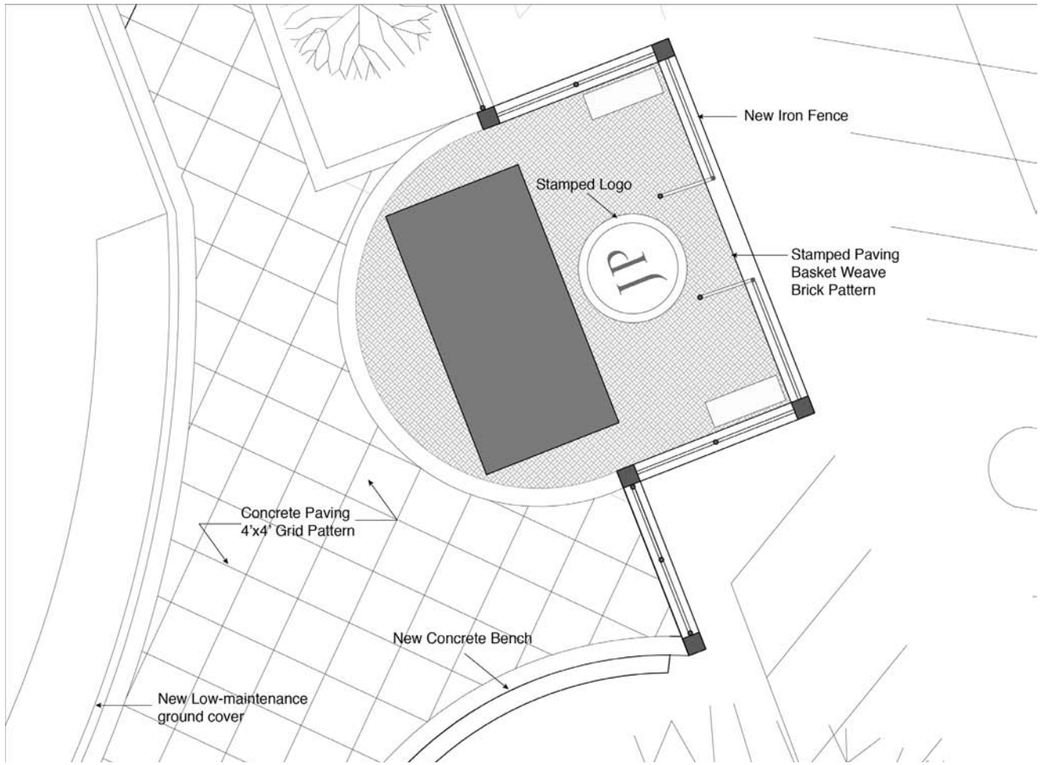
PROPOSED SITE PLAN



**EXISTING ENTRYWAY**



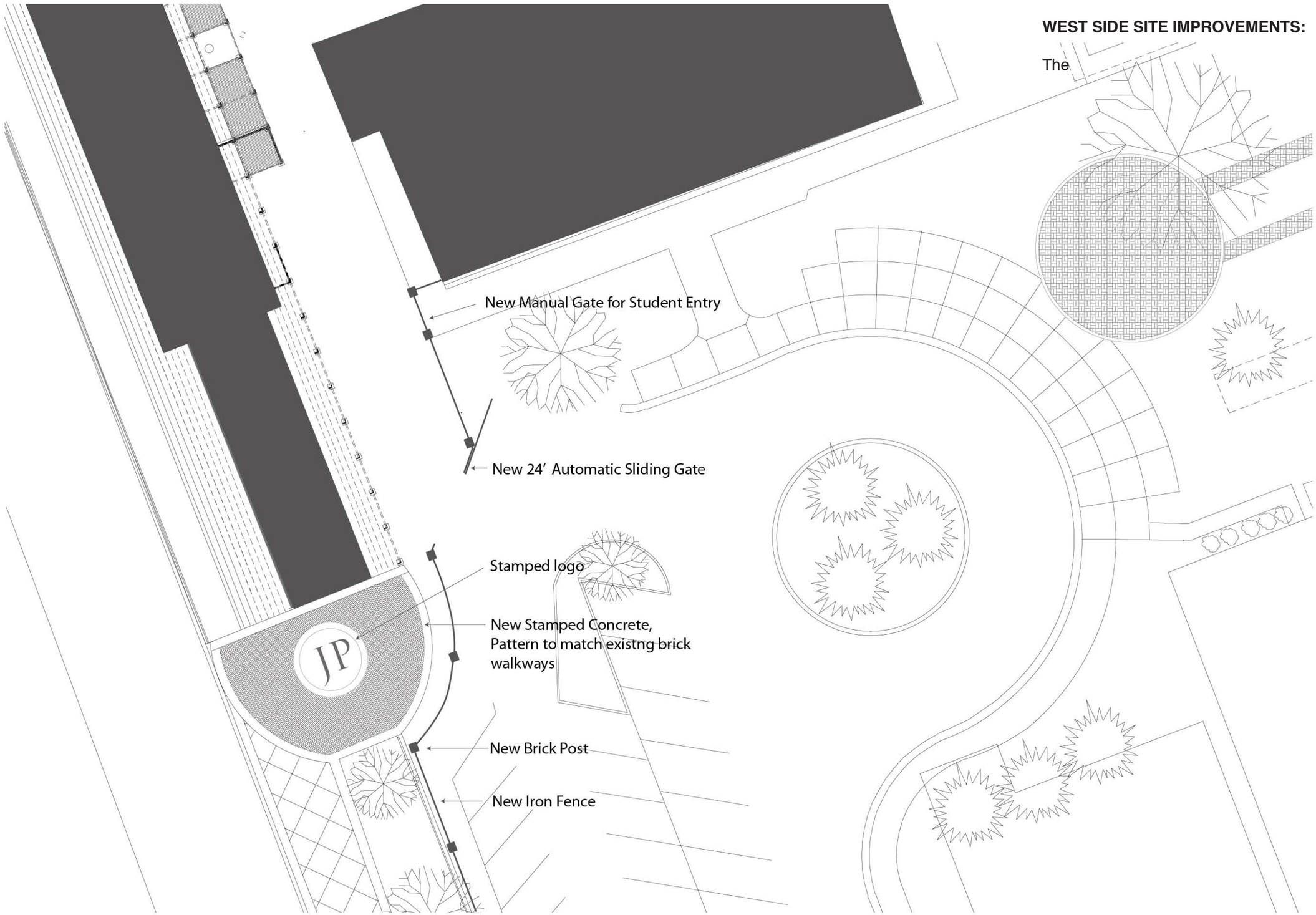

**PROPOSED ENTRYWAY**




**PROPOSED FLOOR PLAN**

## WEST SIDE SITE IMPROVEMENTS:

The







*EXISTING*




ATHLETIC FACILITIES IMPROVEMENTS
**SOCCER FIELDS ENTRY - OPTION 1**

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ATHLETIC FACILITIES IMPROVEMENTS
**SOCCER FIELDS ENTRY - OPTION 1 (ALTERNATE)**

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*CAPITAL CAMPAIGN: A VISUAL COMPANION*

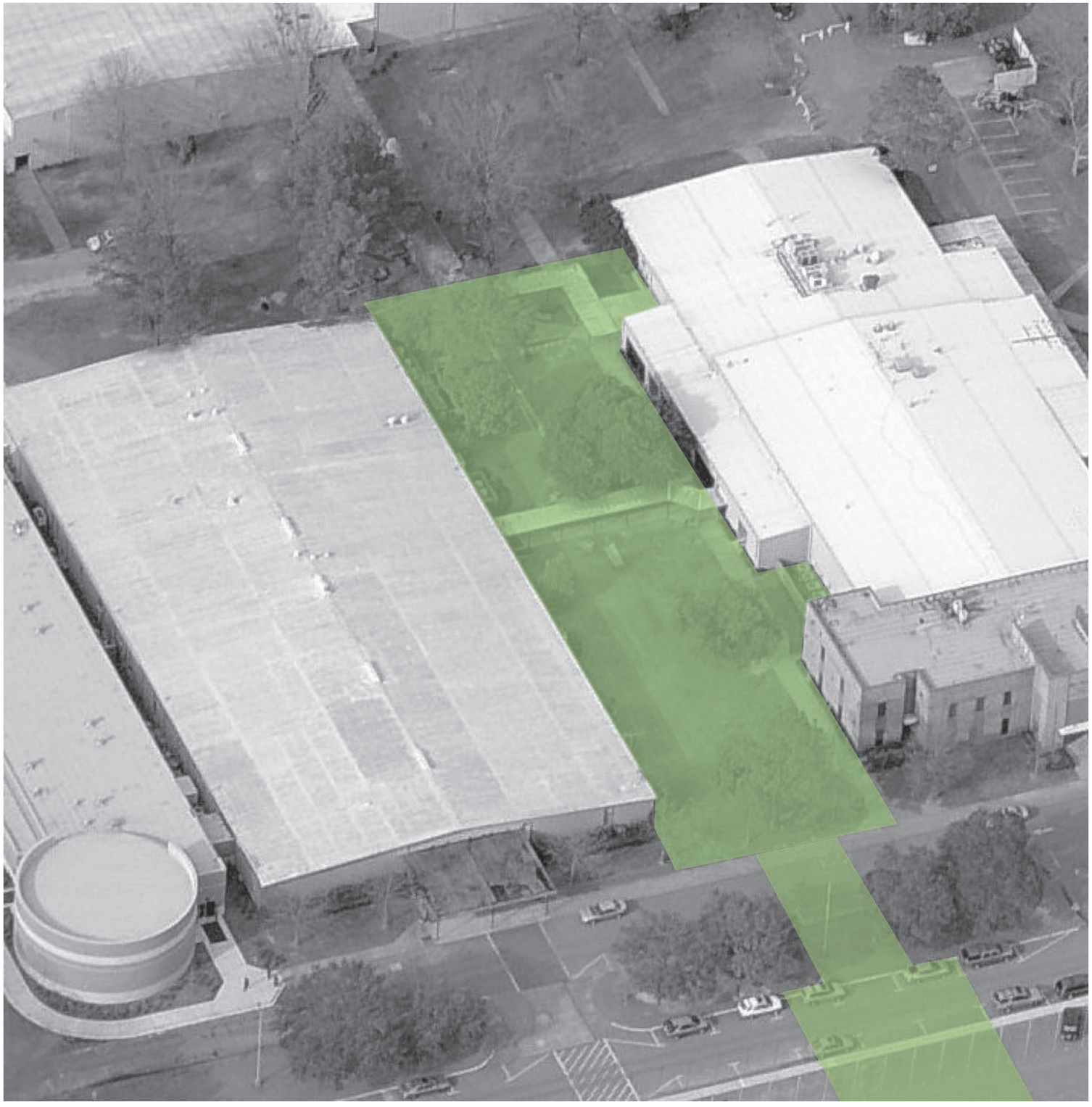
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ATHLETIC FACILITIES IMPROVEMENTS
**SOCCER FIELDS ENTRY - OPTION 2**

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***SENIOR HIGH / MCRAE COURTYARD IMPROVEMENTS:***

The greenspace located between the Senior High and McRae buildings is a natural gathering space for students and faculty, as well as a circulation path between the North and South ends of campus. The design team and JP administration envision converting the courtyard into a more formal circulation path through campus into Patriot Avenue, and enhance functionality of the space itself by providing an outdoor classroom and display wall, among other improvements.

- **Establish a formal entrance "gate"**
  *Estimated cost*: ***$4,664.00***

- **Construct a formal path through the courtyard**
  *Estimated cost: **$30,000***

- **Add selective lamp post lighting (similar to Patriot Avenue)**
  *Estimated cost: **$15,000***

- **New outdoor classroom (does not include Ceramics addition in PJ 6)**
  *Estimated cost: **$30,520***

- **Construct a clock tower to act as campus landmark**
  *Estimated cost: **$54,350***

- **Extensive landscaping along western edge of the courtyard**
  *Estimated cost: **$35,000***

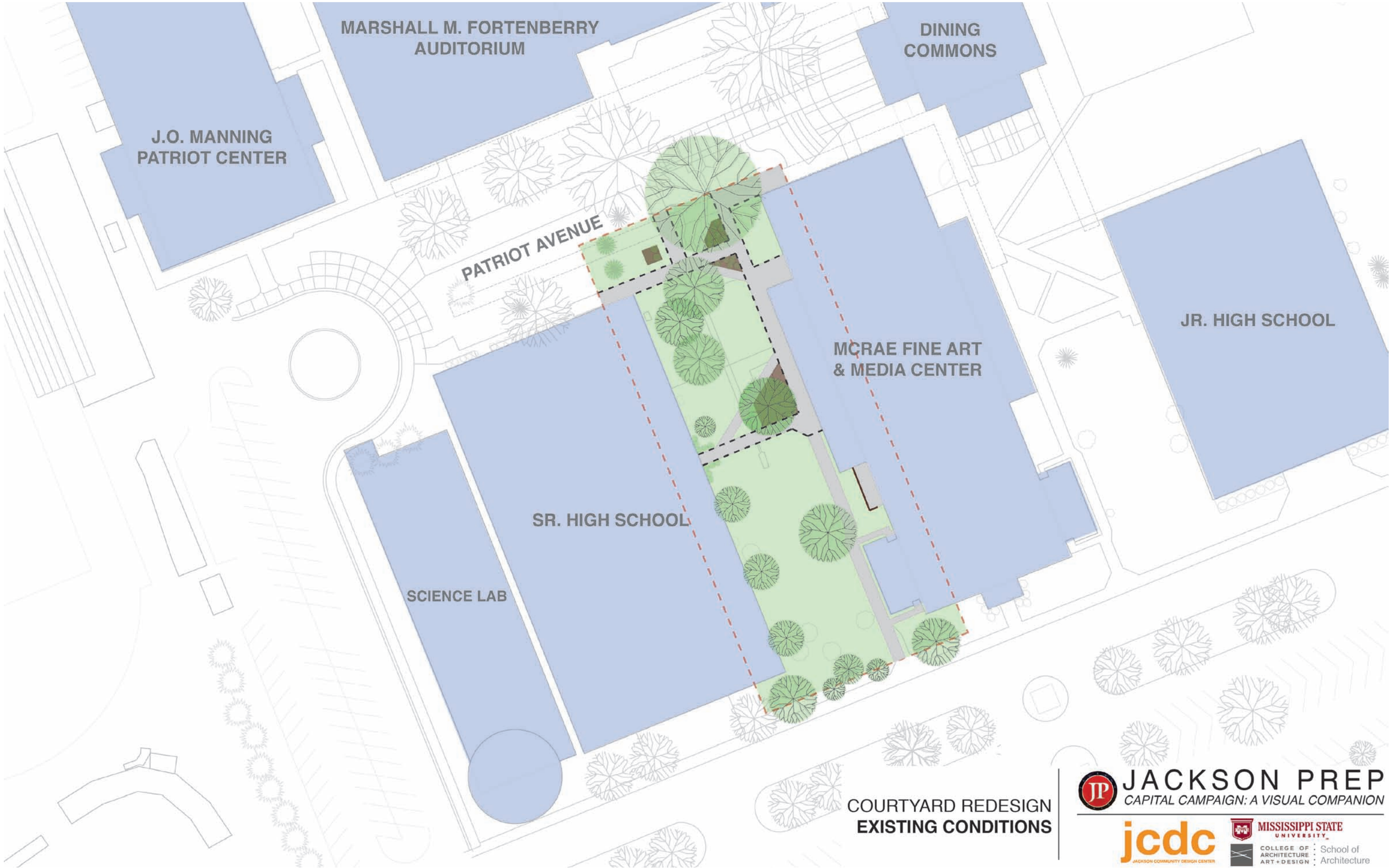
- **Construct an "art wall" to display student work**
  *Estimated cost: **$2,500***

- **Architect/Contractor Fees**
  *Estimated cost: **$55,050.88***

**Estimated Total for Project 2: $227,084.88**

*Note that the outdoor classroom and ceramics addition may be part of one construction project, but for pricing purposes have been separated out. For estimated pricing on the ceramics addition, please refer to Project 6.

*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. These estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.

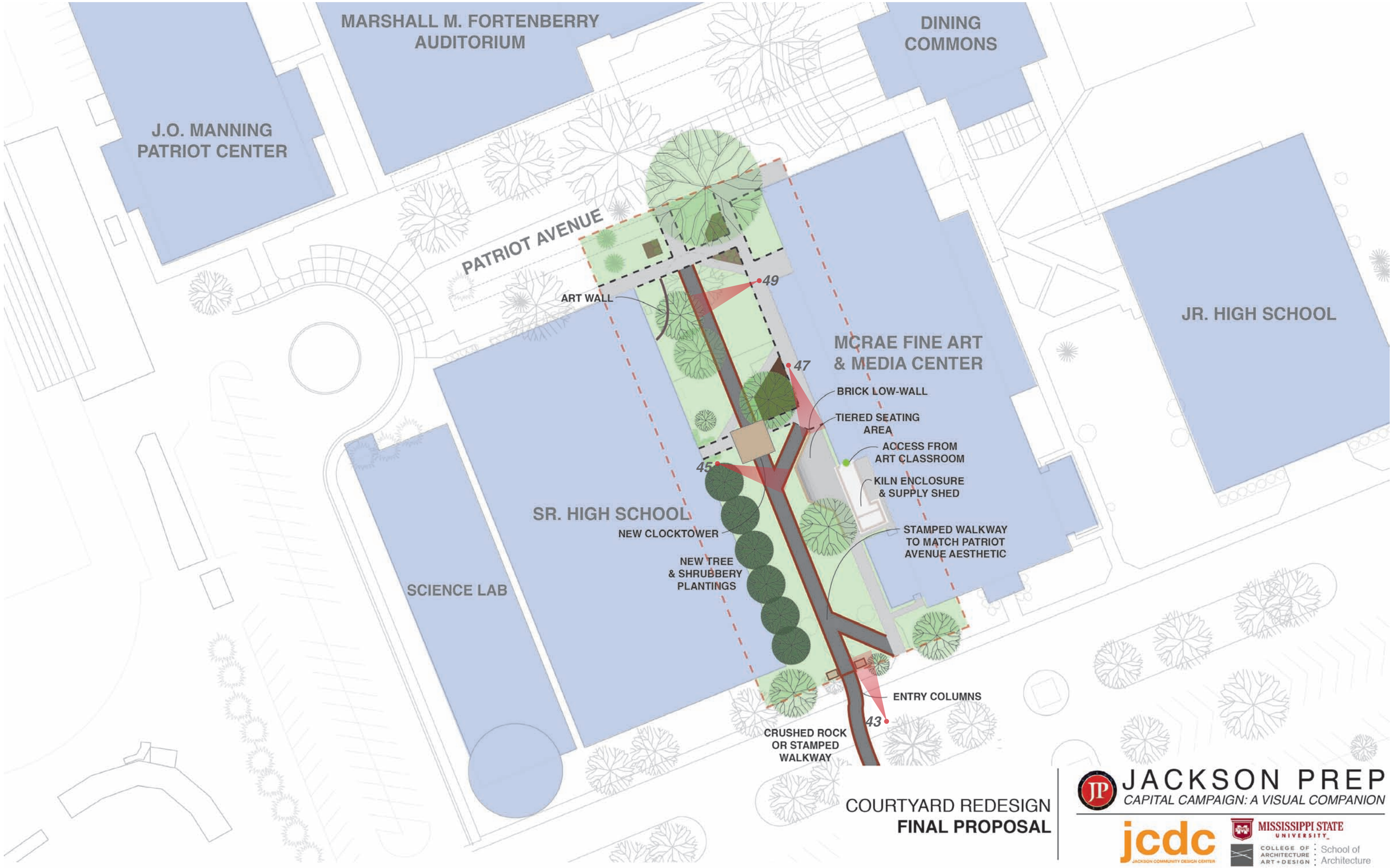



COURTYARD REDESIGN
**EXISTING CONDITIONS**

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COURTYARD REDESIGN
**FINAL PROPOSAL**

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*EXISTING*




COURTYARD REDESIGN
**RENDERING #1**

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EXISTING



COURTYARD REDESIGN
**REDNERING #2**

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*EXISTING*



COURTYARD REDESIGN
**RENDERING #3**

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EXISTING



COURTYARD REDESIGN
**RENDERING #4**

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*INVESTING IN EXCELLENCE CAMPAIGN*

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***SENIOR HIGH / JUNIOR HIGH CANOPY IMPROVEMENTS:***

This project involves enhancing the formal entry points of the Senior and Junior High academic buildings. The designs on the following pages reflect strategies that enhance the architecture of the canopies while minimizing cost by using the existing structural framework. Three designs were submitted, with the option on page 53 being considered most desirable.

- **Preferred Option (page 53):**
  *Estimated cost:* ***$54,799.50 each (x2)***

- **Architect/Contractor Fees**
  *Estimated cost:* ***$35,071.68***

***Estimated Total for Project 3: $144,670.68***

*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. These estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.


EXISTING




CANOPY IMPROVEMENTS
**PREFERRED OPTION**

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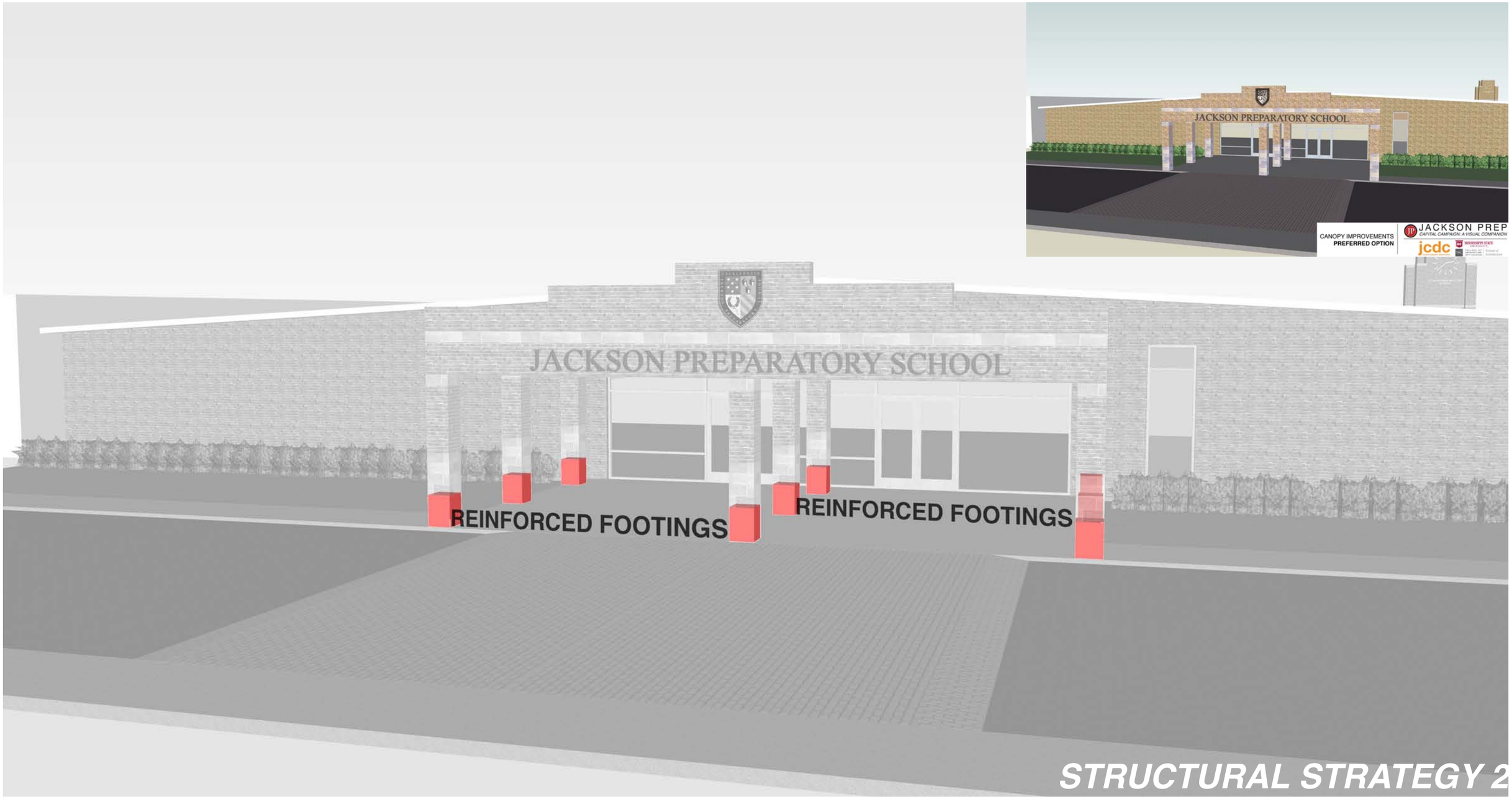
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## STRUCTURAL STRATEGY 1




## *STRUCTURAL STRATEGY 2*



CANOPY IMPROVEMENTS
**ALTERNATE DESIGN #1**

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CANOPY IMPROVEMENTS
**ALTERNATE DESIGN #2**

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***SENIOR HIGH / MCRAE FACADE IMPROVEMENTS:***

In a continuing effort to bring the campus into more architectural harmony, this project involves updating the facades of the Senior High and McRae buildings so as to minimize the visuals of the existing corrugated metal. The proposals here involve a mix of full masonry additions and specific placements of new plantings so as to not to overspend unnecessarily.

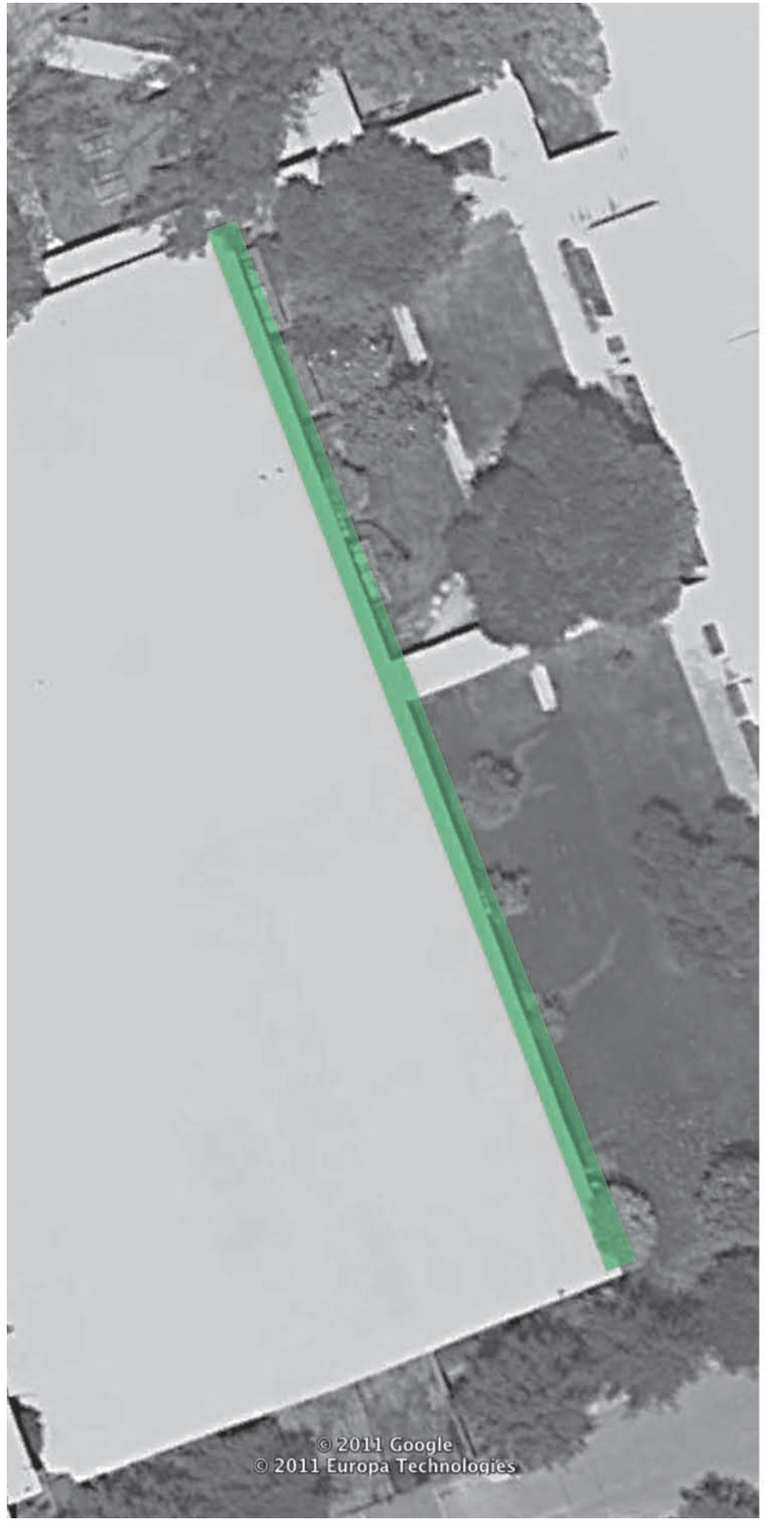
- **Senior High Building**
  *Estimated cost:* ***$82,900.00***

- **McRae Building**
  *Estimated cost:* ***$58,300.00***

- **Architect/Contractor Fees**
  *Estimated cost:* ***$45,184.00***

***Estimated Total for Project 4: $186,384.00***

*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. Keep in mind these estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.







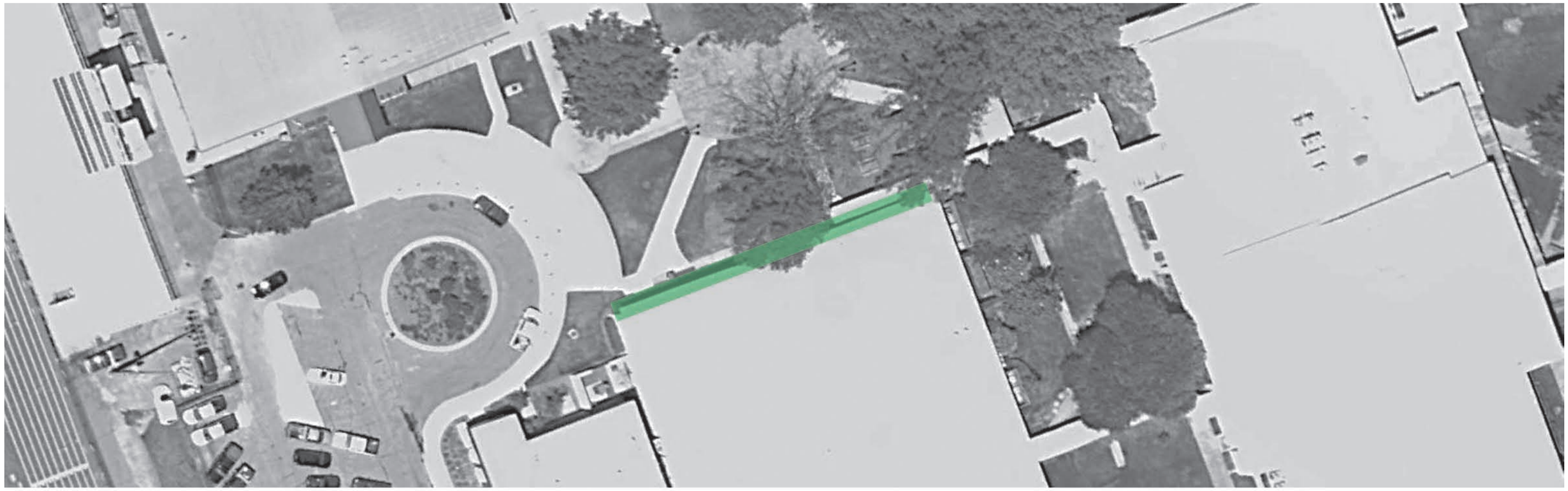



SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**SENIOR HIGH: EAST FACADE**

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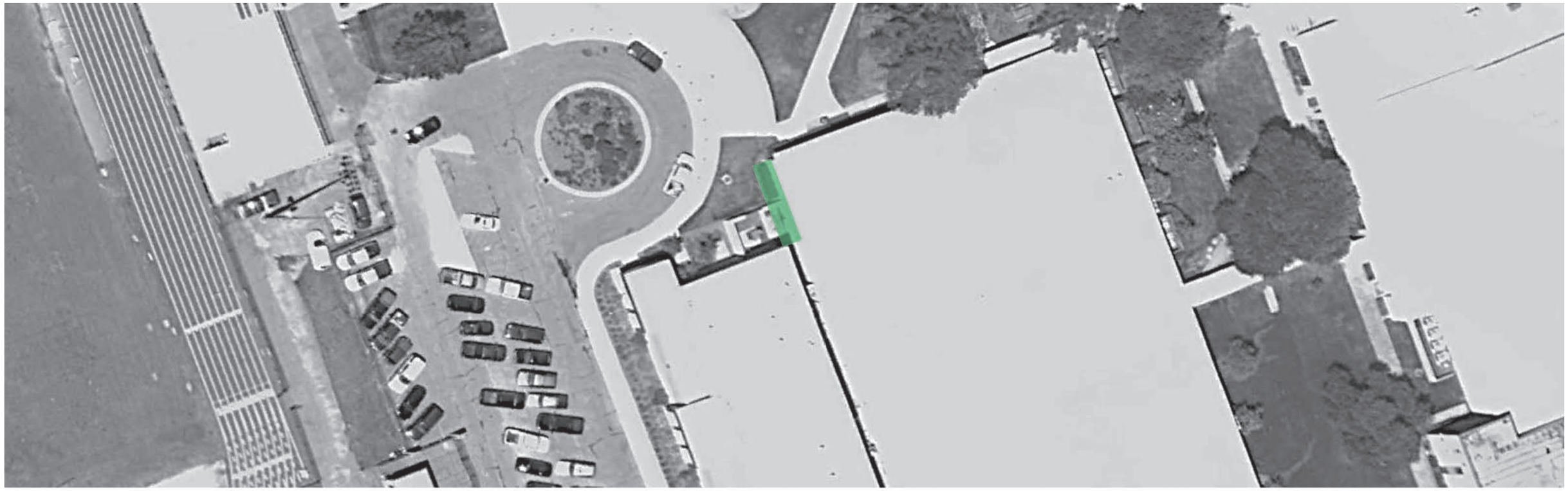


SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**SENIOR HIGH: NORTH FACADE**

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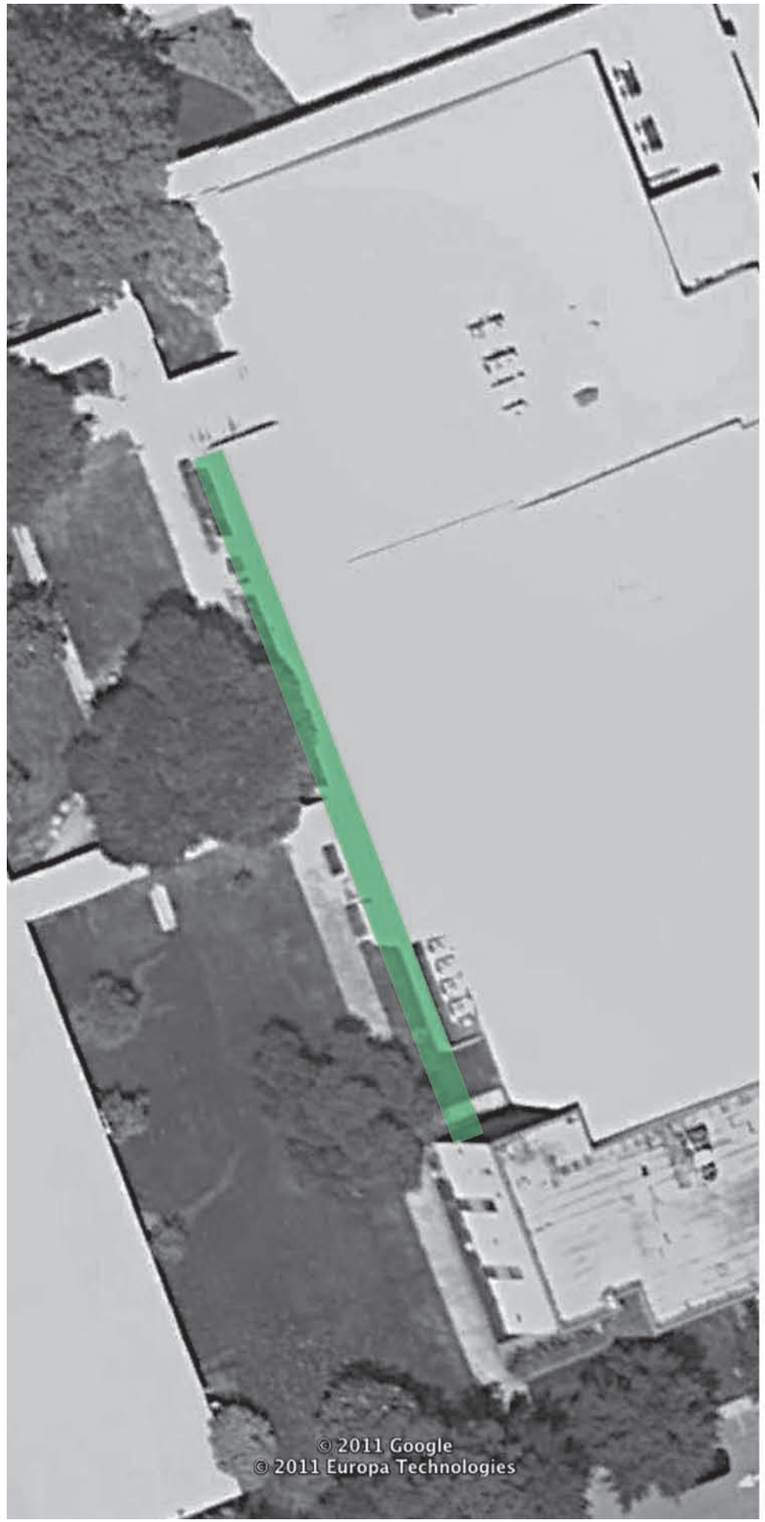


SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**SENIOR HIGH: WEST FACADE**

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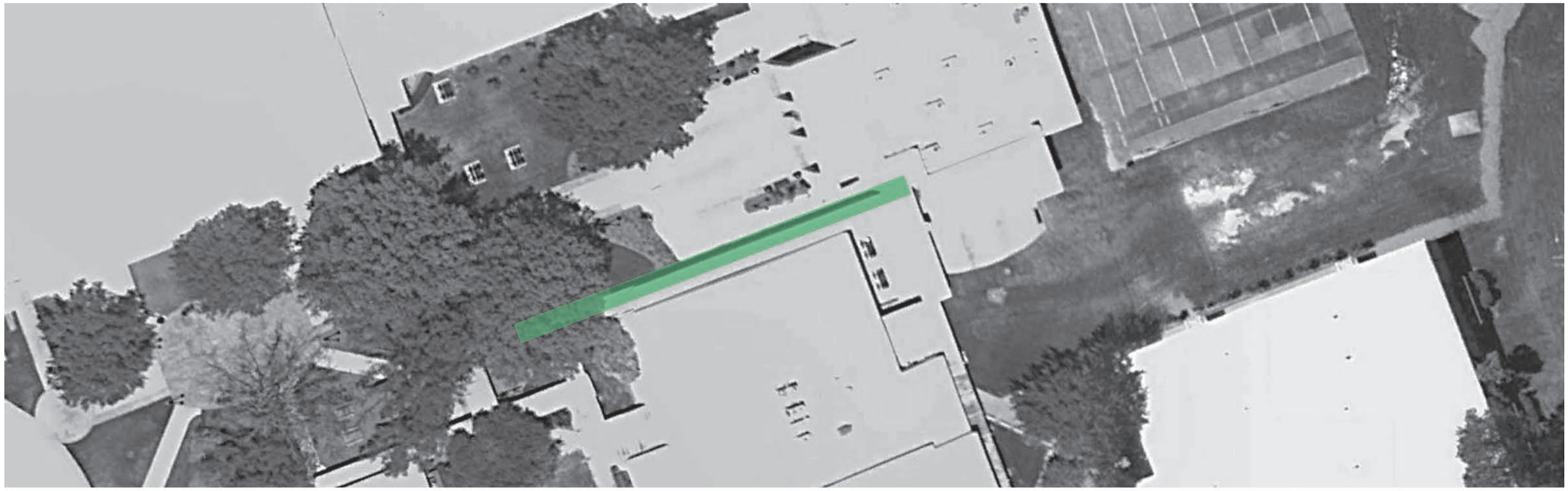



SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**MCRAE: WEST FACADE**

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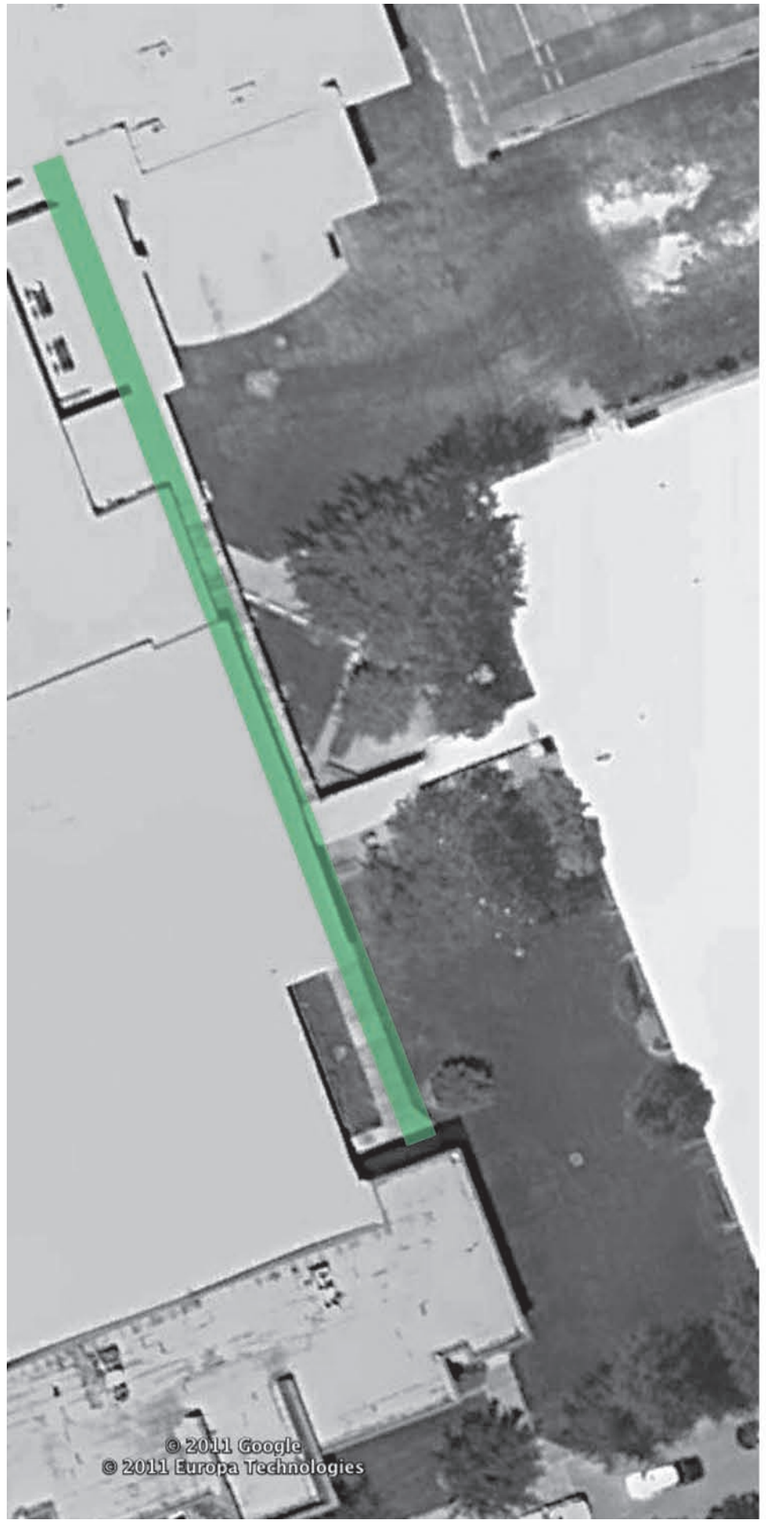


SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**MCRAE: NORTH FACADE**

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SENIOR HIGH / MCRAE
FACADE IMPROVMENTS
**MCRAE: EAST FACADE**

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***LAKELAND DRIVE AESTHETIC/SECURITY IMPROVEMENTS:***

This project involves enhancing the appearance of the campus from Lakeland Drive, as well as adding security gates and fences along Lakeland Drive to provide greater control of the area.

- **East entrance (Entry Point #1)**
  *Estimated cost*: ***$29,445.00***

- **Middle entrance (Entry Point #2 *Option 1)**
  *Estimated cost*: ***$11,900.00***

- **West entrance (Entry Point #3)**
  *Estimated cost*: ***$13,000***

- **Fence Line**
  *Estimated cost*: ***$120,097.50***

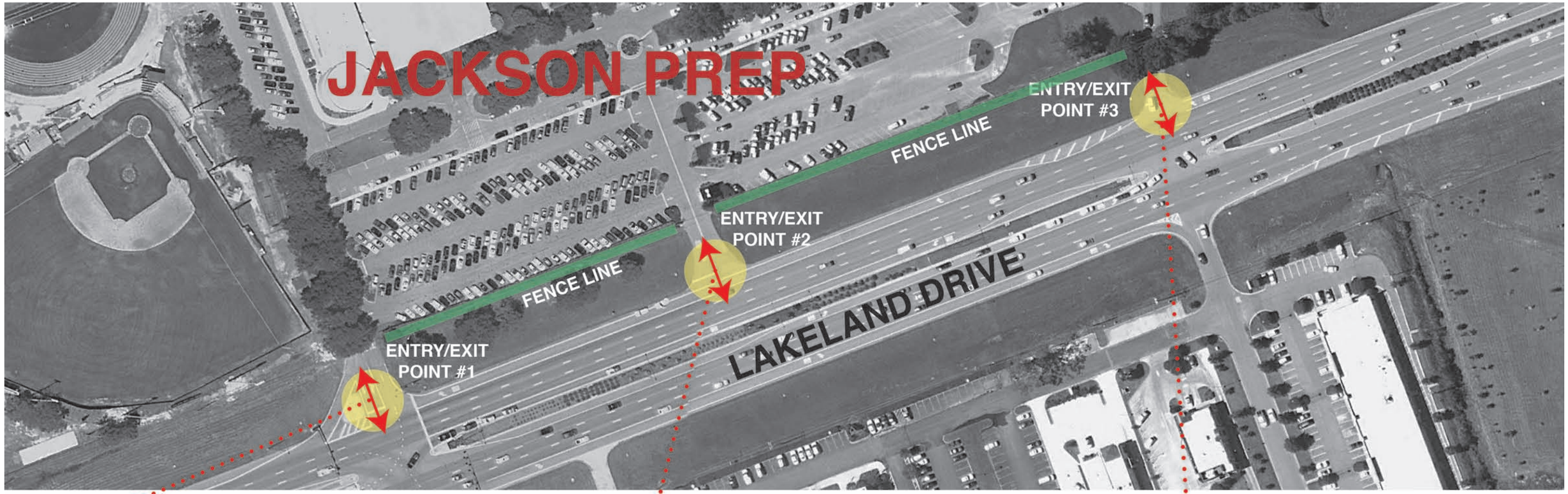
- **Architect/Contractor Fees**
  *Estimated cost*: ***$55,821.61***

**Estimated Total for Project 5: $230,264.10**

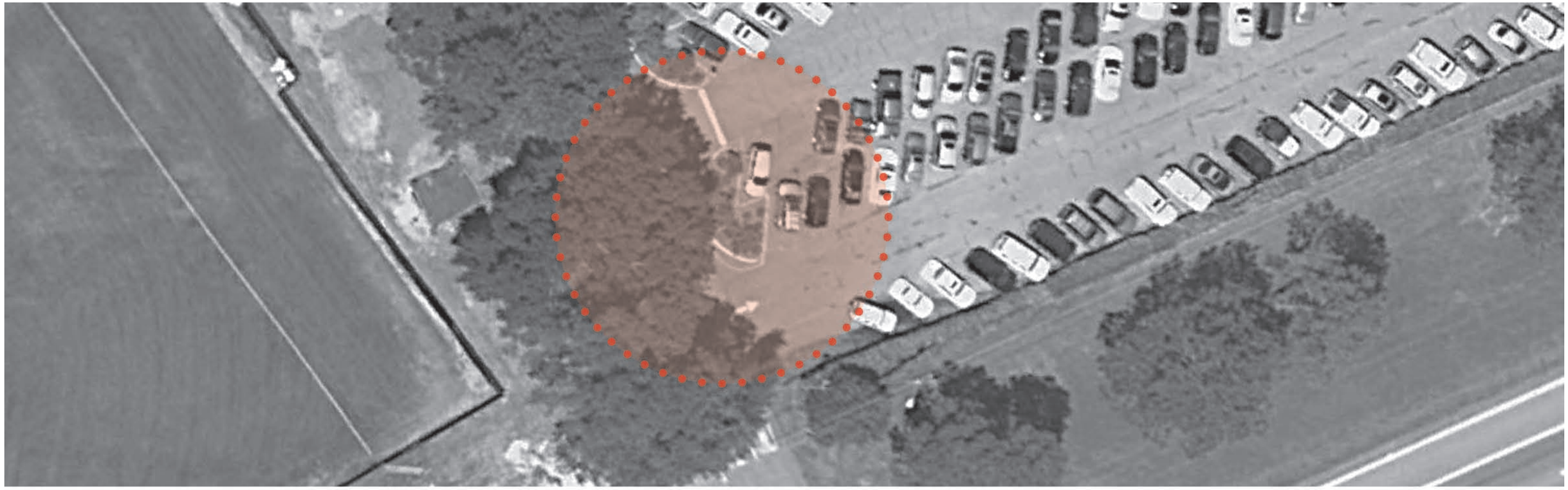
*Note that the outdoor classroom and ceramics addition may be part of one construction project, but for pricing purposes have been separated out. For estimated pricing on the outdoor classroom, please refer to Project 2.

*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. These estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.

# JACKSON PREP









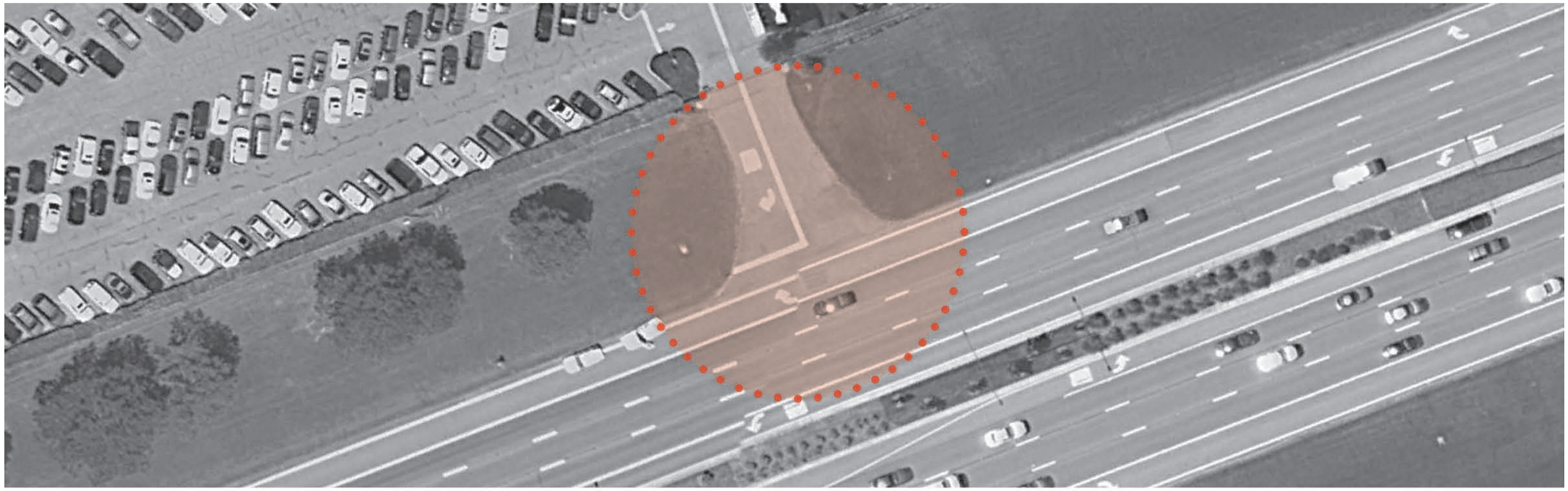


LAKELAND DRIVE ENHANCEMENTS
**ENTRY POINT #1**

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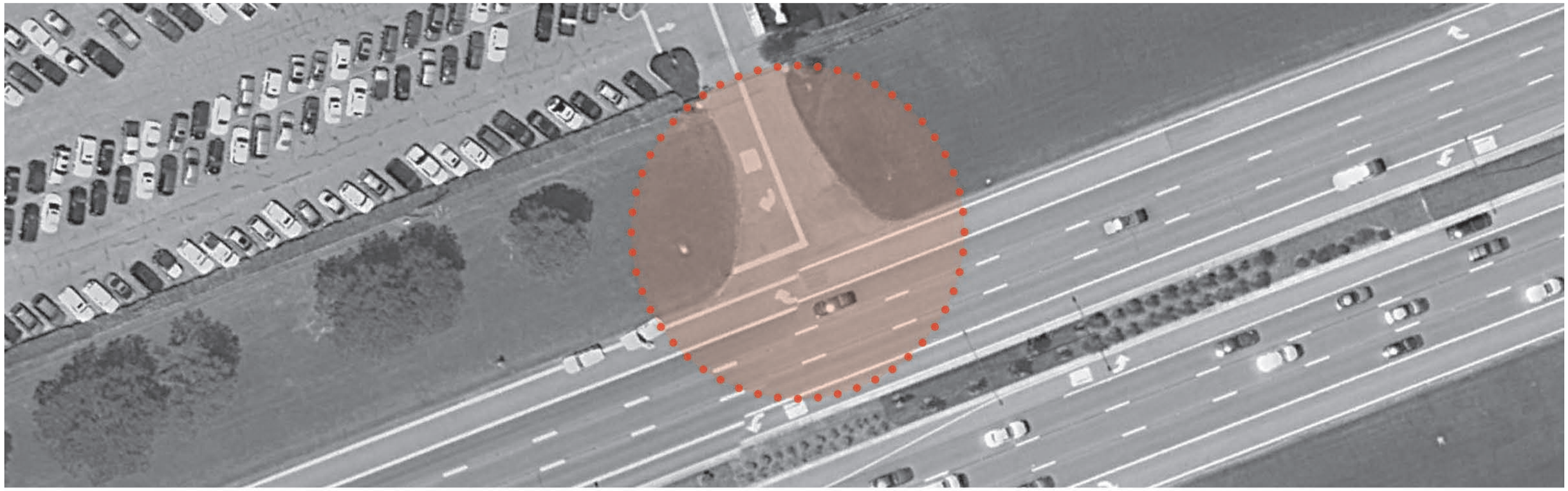


LAKELAND DRIVE ENHANCEMENTS
**ENTRY POINT #2 OPTION 1**

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LAKELAND DRIVE ENHANCEMENTS
**ENTRY POINT #2 OPTION 2**

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LAKELAND DRIVE ENHANCEMENTS
**ENTRY POINT #3**

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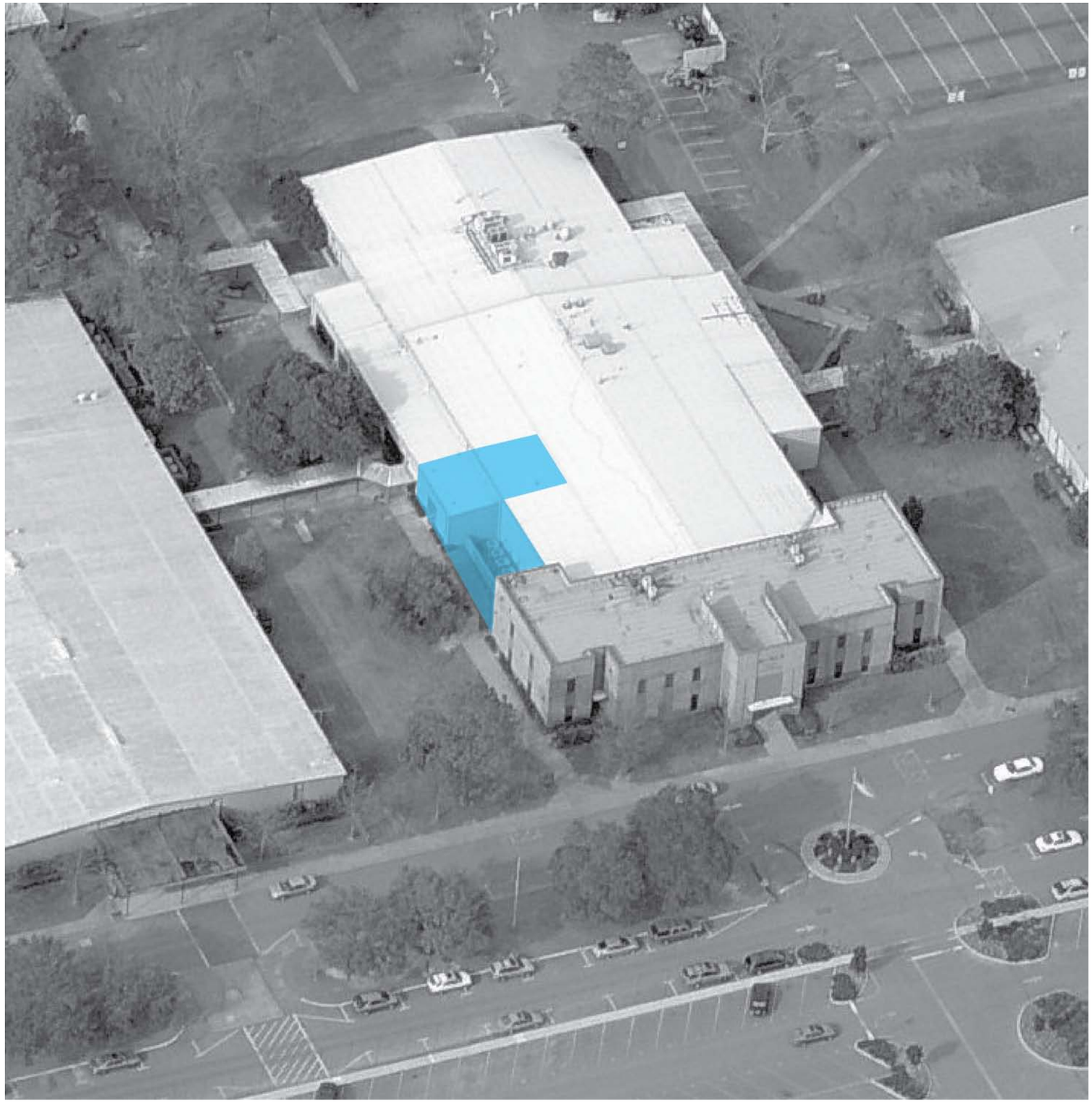


LAKELAND DRIVE ENHANCEMENTS
**FENCE LINE**

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***CERAMICS CLASSROOM RECONFIGURATION:***

This project involves expanding the existing ceramics classroom out into the courtyard area, creating a connection to the proposed outdoor classroom. This enhancement will provide more space for pottery classes, as well as additional spaces for kiln drying, display, and storage.

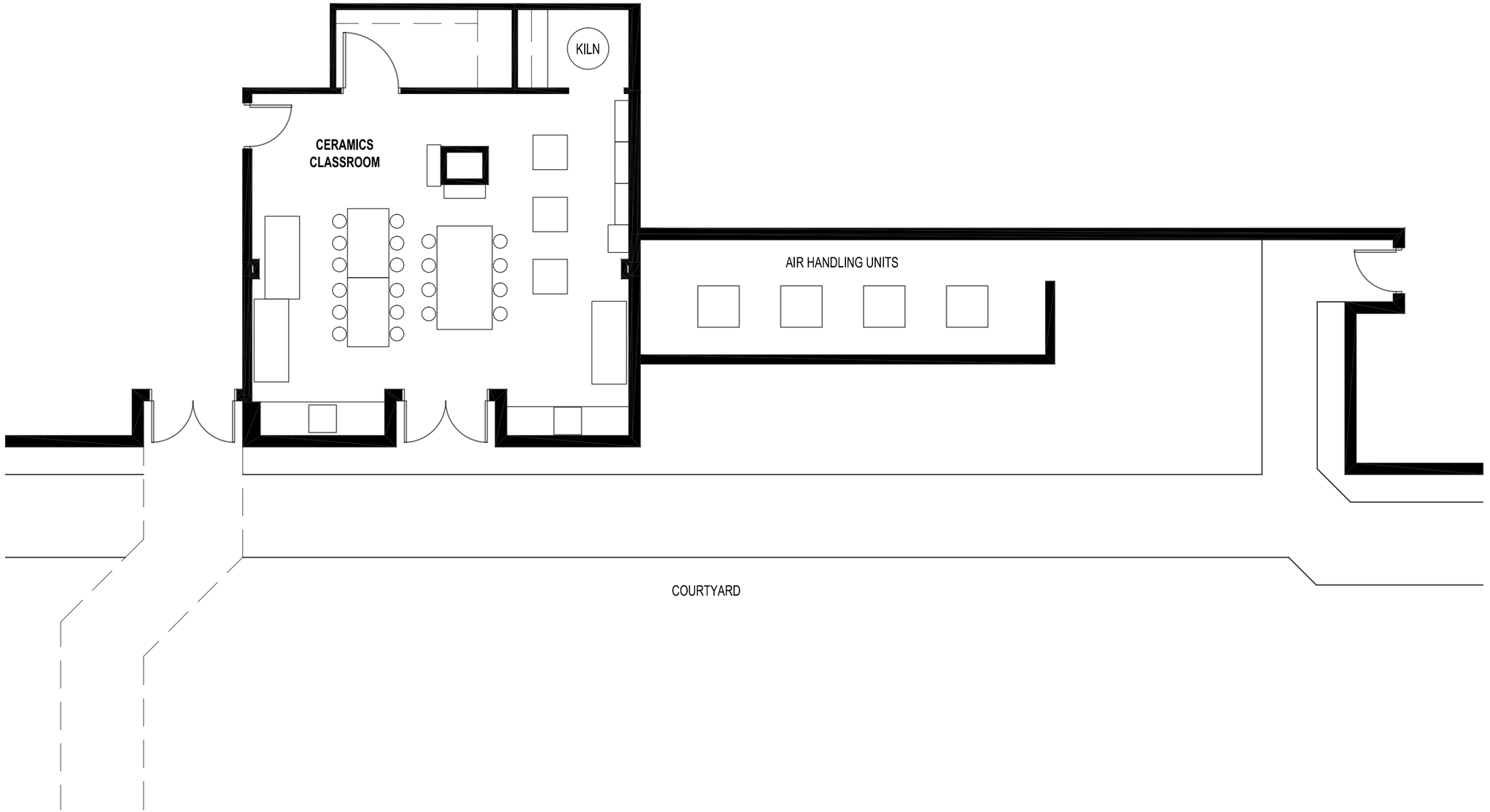
- **Ceramics addition with kiln enclosure / Existing classroom renovation**
  *Estimated cost*: ***$56,000.00***

- **Architect/Contractor Fees**
  *Estimated cost*: ***$17,920.00***

**Estimated Total for Project 6: $73,920.00**

*Note that the outdoor classroom and ceramics addition may be part of one construction project, but for pricing purposes have been separated out. For estimated pricing on the outdoor classroom, please refer to Project 2.

*All cost estimates were derived using RS Means Assemblies Cost Data or similar estimating resources. These estimates are derived based on incomplete design and materials information, as this project's aim is simply to set the parameters of a particular design project. Further consultation should be sought from the contractors executing the work.




CERAMICS CLASSROOM RECONFIGURATION

**EXISTING LAYOUT**

SCALE: 1/8" = 1'-0"

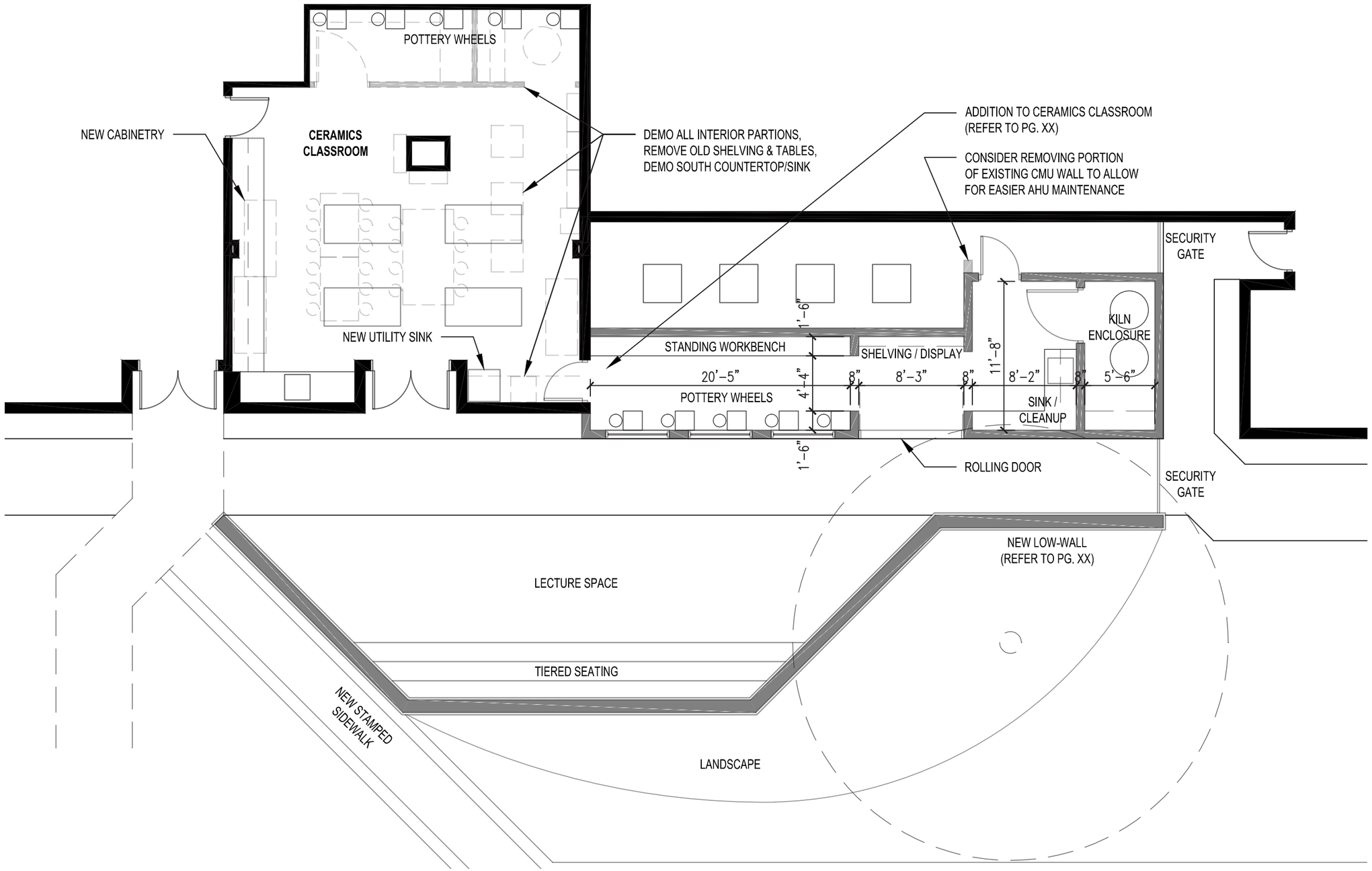
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CERAMICS CLASSROOM RECONFIGURATION

**PROPOSED NEW LAYOUT**

SCALE: 1/8" = 1'-0"

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EXISTING




CERAMICS CLASSROOM
RECONFIGURATION
**CERAMICS ADDITION: PROPOSED**

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## *PROJECT 1: ATHLETIC FACILITIES / LOCKER ROOM IMPROVEMENTS*

**A: Locker Room improvements (Manning Center & Fortenberry Gym)**

Varsity Football Locker Room (PG. 7)

- Imprinted Floor Logo:
*Baseman Floors (www.basemanfloors.com)*
*Floorpix (www.floorpix.com)*
*DDI Signs (www.ddisigns.com)*

**Call manufacturers above for custom design and pricing information*

- New Lockers:
*School Outfitters (www.schooloutfitters.com)*
*Hallowell Lockers (SKU: HAL-HSBN-422-1C)*



**24"W*

- New shower-area Flooring:
*Signature Sports Flooring (www.signaturesportsflooring.com)*
*SignaFlex Aqua Flooring*



Jr. High Football Locker Room (PG. 9)

**All products similar to Varsity Football.*

APPENDIX: SPECIFICATIONS & MATERIALS

*PROJECT 1: ATHLETIC FACILITIES / LOCKER ROOM IMPROVEMENTS*

**A: Locker Room improvements (Manning Center & Fortenberry Gym)**

Varsity & Jr. High Girls Basketball (PG. 11)

- Imprinted Floor Logo:
**See Varsity Locker Room*

Varsity & Jr. High Boys Basketball (PG. 13)

- New Lockers:
*Cisco-Eagle (www.cisco-eagle.com)*
*Hallowell Lockers (SKU: HSBN-822-S)*



**18" W*

- New shower-area Flooring:
**See Varsity Locker Room*

Visitors & 7th Grade Locker Room (PG. 15)

- New Lockers:
*Cisco-Eagle (www.cisco-eagle.com)*
*Hallowell Lockers (SKU: HSBF-822-S)*



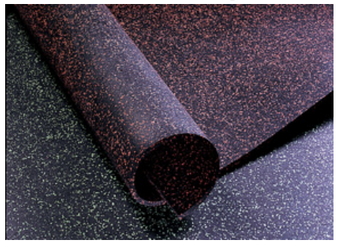
**18" W*

- New shower-area Flooring:
**See Varsity Locker Room*

## PROJECT 1: ATHLETIC FACILITIES / LOCKER ROOM IMPROVEMENTS

**A: Locker Room improvements (Manning Center & Fortenberry Gym)**
Visitors & 7th Grade Locker Room (PG. 15)

- New locker-area flooring:
*Signature Sports Flooring (www.signaturesportsflooring.com)*
*RubberDeck Flooring*



*Signature Sports Flooring (www.signaturesportsflooring.com)*
*SignaDeck Flooring*



Baseball Locker Room (PG. 17)

- Imprinted Floor Logo:
**See Varsity Locker Room*

**B: Renovation/Addition to football field Press Box**
**Reference PG. 21 in document*

**C: Improve area beneath the home-side stands at the football stadium**
**N/A*

**D: New concessions/rest rooms at the SW corner of the football stadium**
**N/A*

**E: Improve the ground condition with landscaping and hardscaping**
**Reference cost estimation spreadsheet for local vendor information*



APPENDIX: SPECIFICATIONS & MATERIALS

PROJECT 1: ATHLETIC FACILITIES / LOCKER ROOM IMPROVEMENTS

**F: Construct formal entrance/soccer net wall for soccer fields**
**All relevant information can be found in the cost estimation spreadsheet*

***PROJECT 2: SENIOR HIGH / MCRAE COURTYARD IMPROVEMENTS***
**All relevant information can be found in the cost estimation spreadsheet*

***PROJECT 3: SENIOR HIGH / JUNIOR HIGH CANOPY IMPROVEMENTS***
**All relevant information can be found in the cost estimation spreadsheet*

***PROJECT 4: SENIOR HIGH / MCRAE FACADE IMPROVEMENTS***
**All relevant information can be found in the cost estimation spreadsheet*

***PROJECT 5: LAKELAND DRIVE AESTHETIC/SECURITY IMPROVEMENTS***
**All relevant information can be found in the cost estimation spreadsheet*

***PROJECT 6: CERAMICS CLASSROOM RECONFIGURATION***
**All relevant information can be found in the cost estimation spreadsheet*