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# Mutchler Community Center

**900 E North St, Bloomfield, IA 52537**

Clients: Taylor Sessions and Ashley Utt

December 18, 2024

# The Team

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**Roberto Aguilar**  
Architectural Design



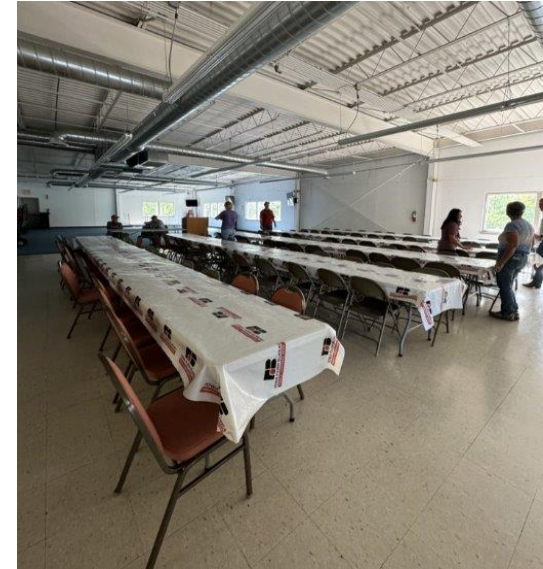
**Timothy Schmadeke**  
Erosion Design



**Kaitlynn Kimmel**  
Site Design

# Clients

- **Taylor Sessions**
  - Mutchler Center Director
- **Ashley Utt**
  - Pathfinders RC&D Director

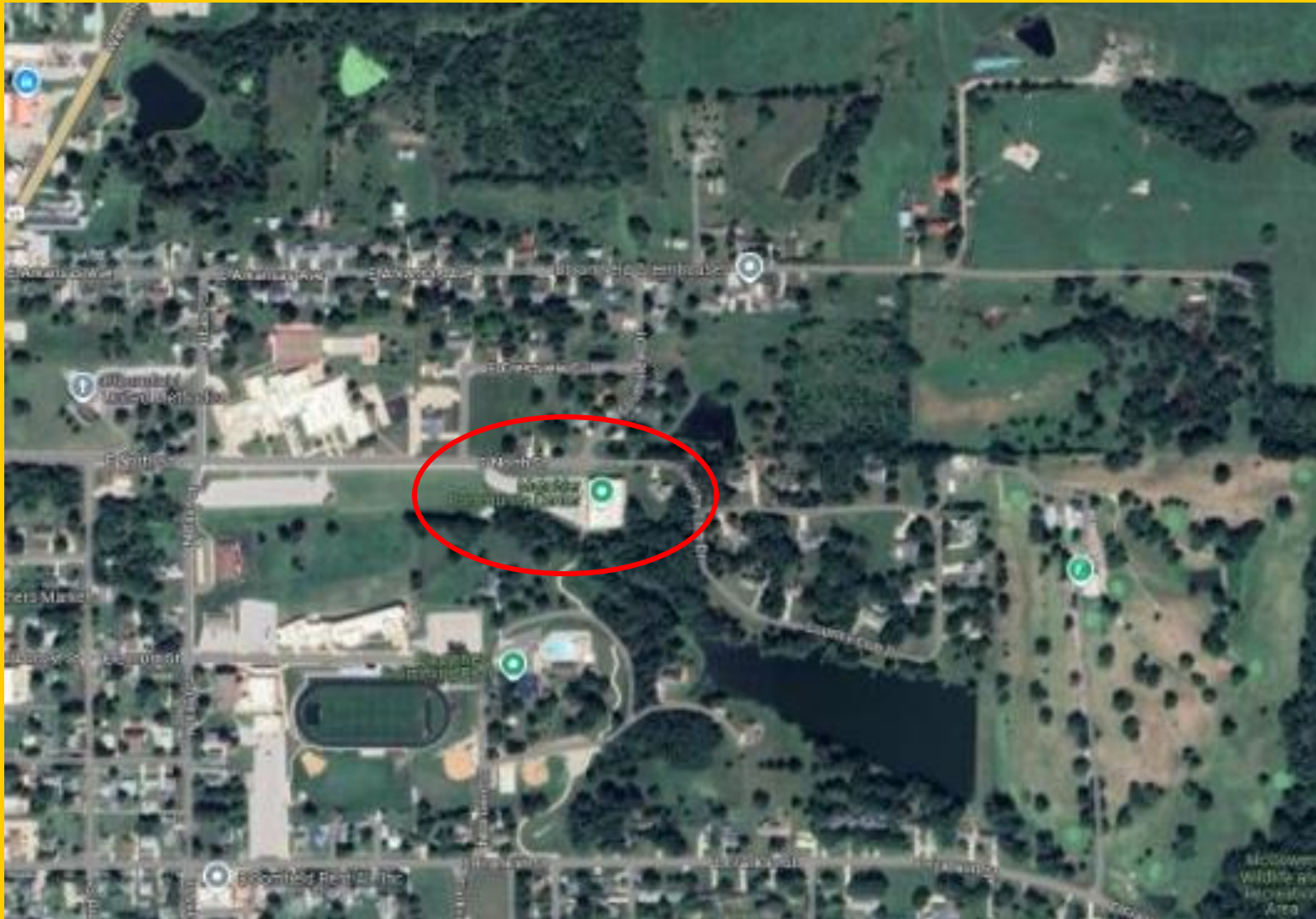


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# Site Location

**Mutchler Community Center**

900 E North St, Bloomfield, IA



# Project Scope



## Parking Lot Design

- Traffic congestion
- ADA access to the entrance
- Pedestrian access



## Erosion Control

- Water flow causing erosion



## Entrance Facade

- Doors are not ADA accessible
- Wind slams doors open



## Interior Layout

- Recreation and weight rooms are only divided by curtain
- Upstairs areas are not being utilized

# Existing Parking Lot Conditions



Current Parking Lot

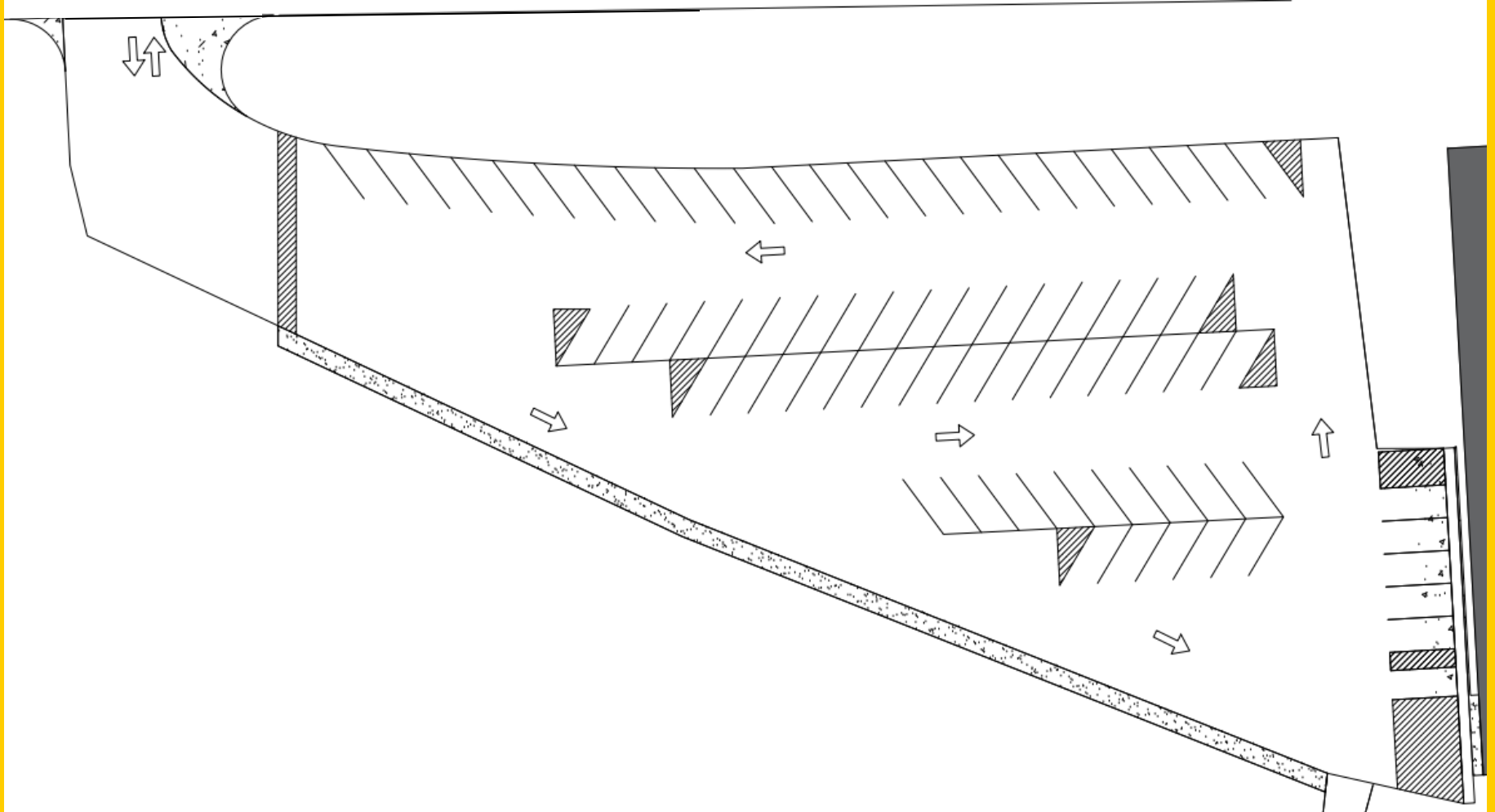


2-inch  
elevation  
difference

# Proposed Lot Layout

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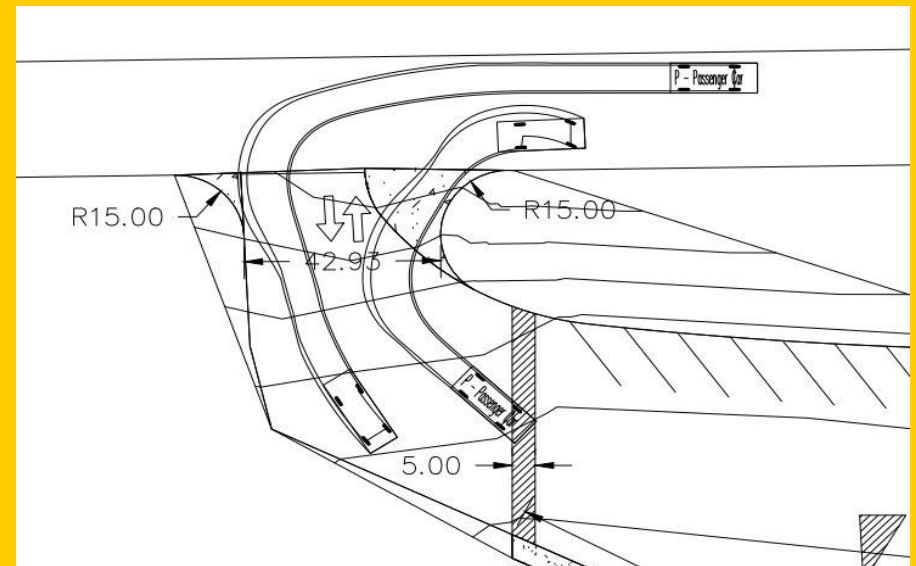
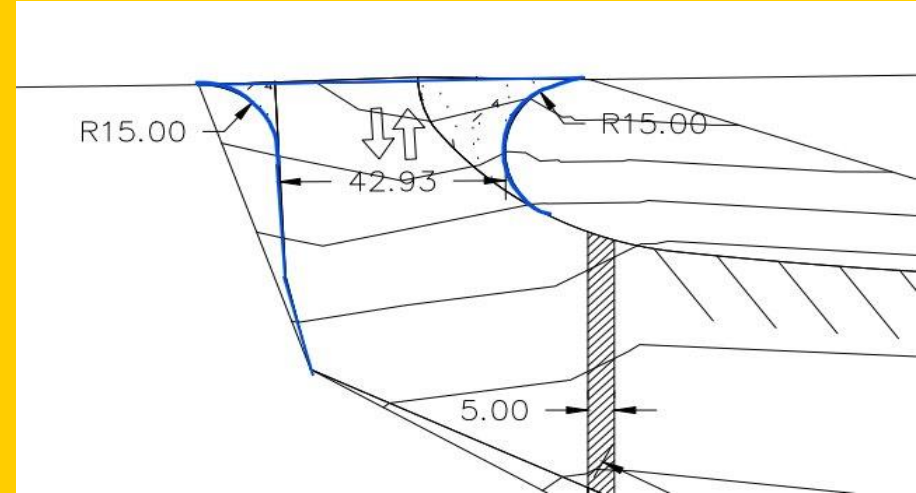
One-way drive isles allow for additional parking and better traffic flow



# Expanded Driveway

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Widening the driveway will allow cars to enter and exit simultaneously

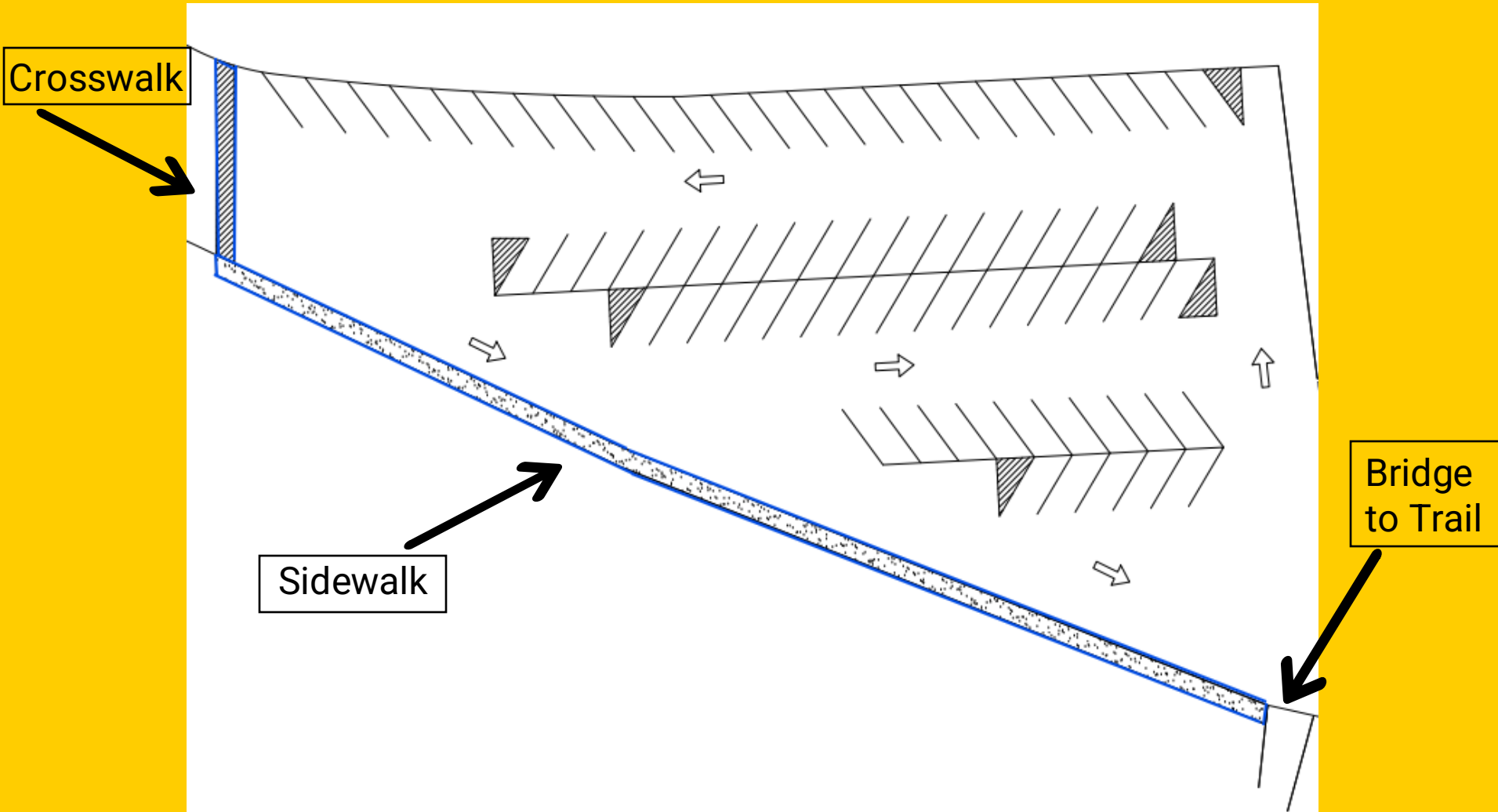




# Sidewalk Addition

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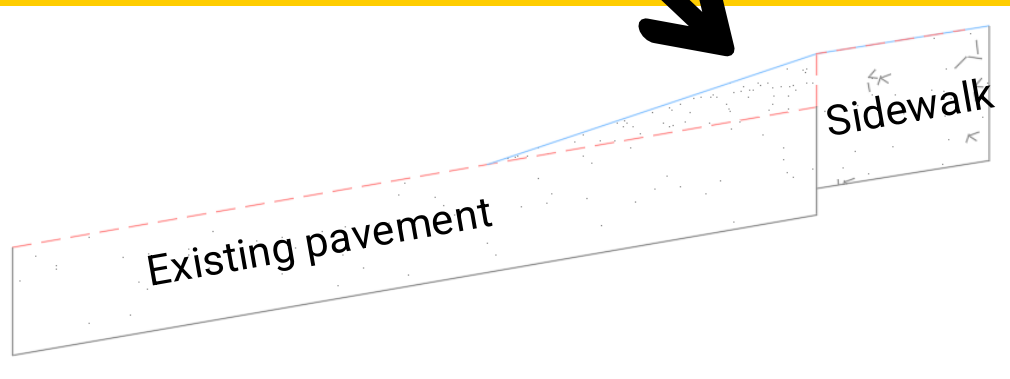
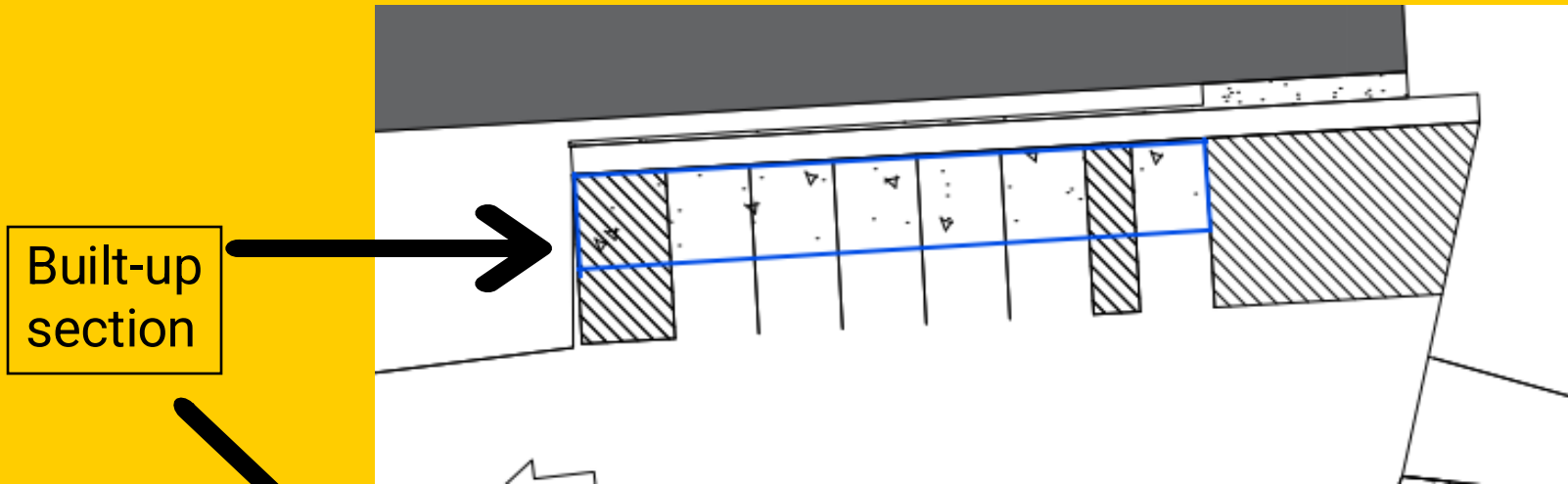
A sidewalk will give pedestrians using the trail a safe place to cross the parking lot



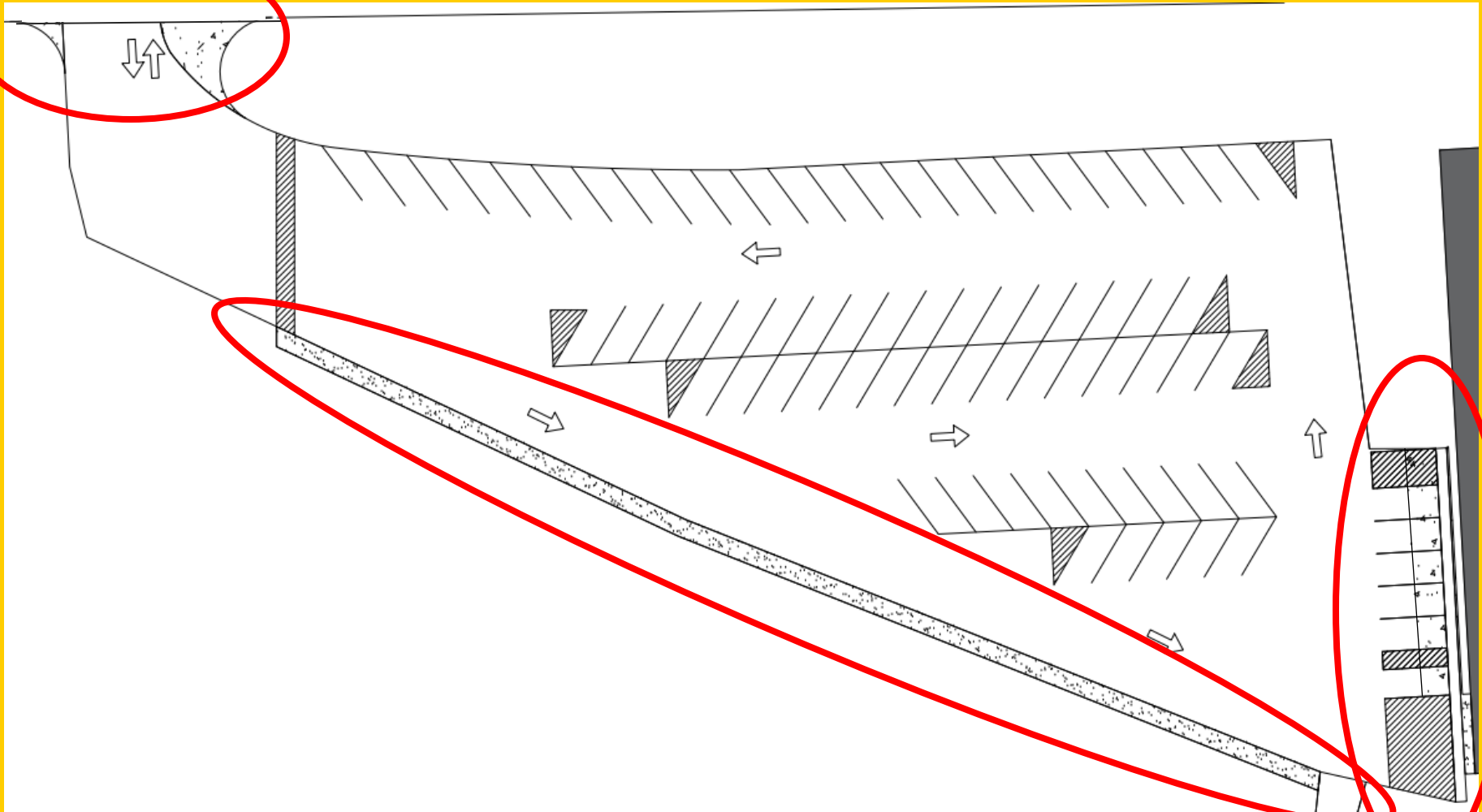
# Built-Up Pavement

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Building up pavement with HMA overlay makes the entrance ADA accessible



# Proposed Lot Design



# Project Scope



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## Interior Layout

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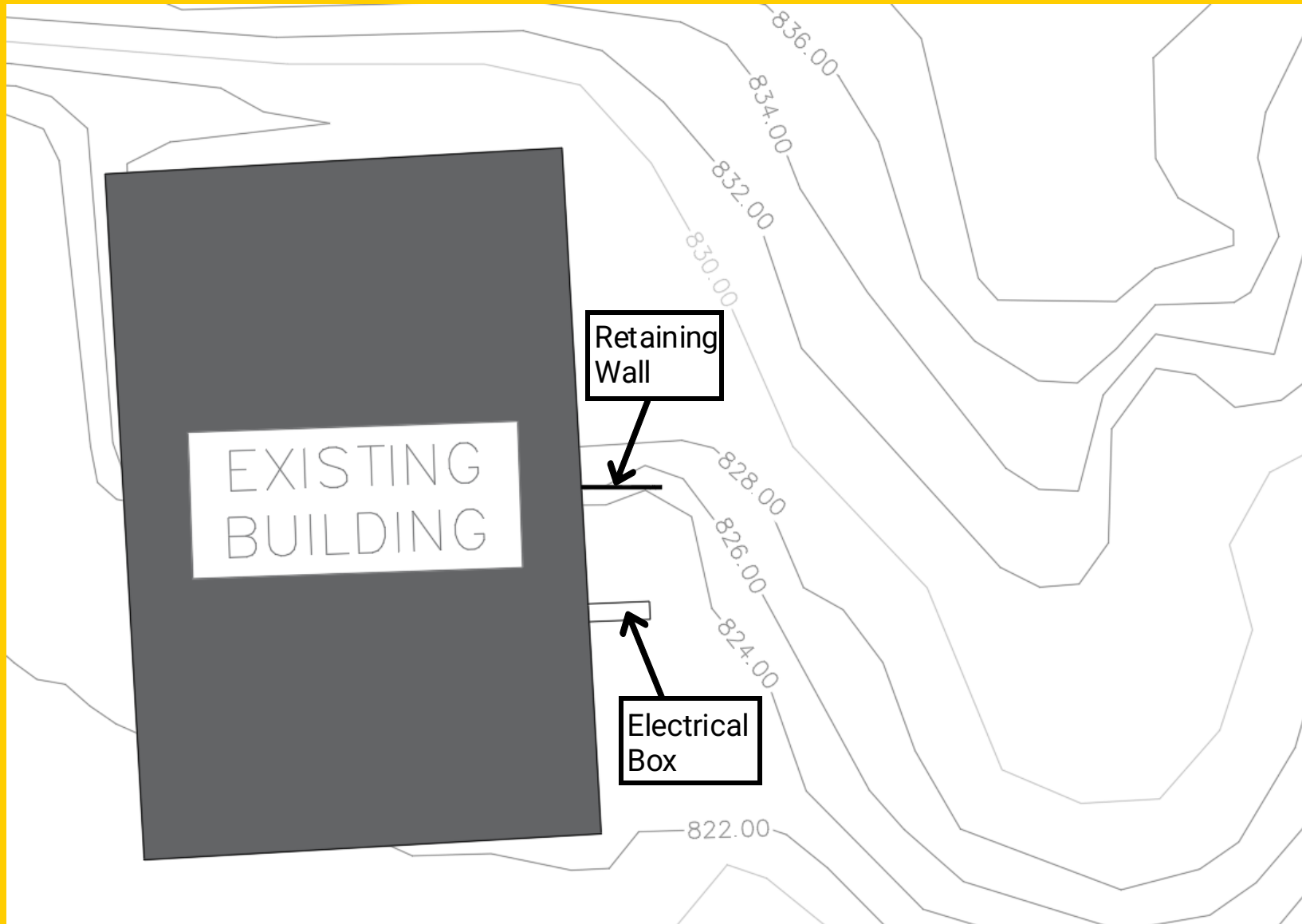
# Existing Erosion



Retaining Wall

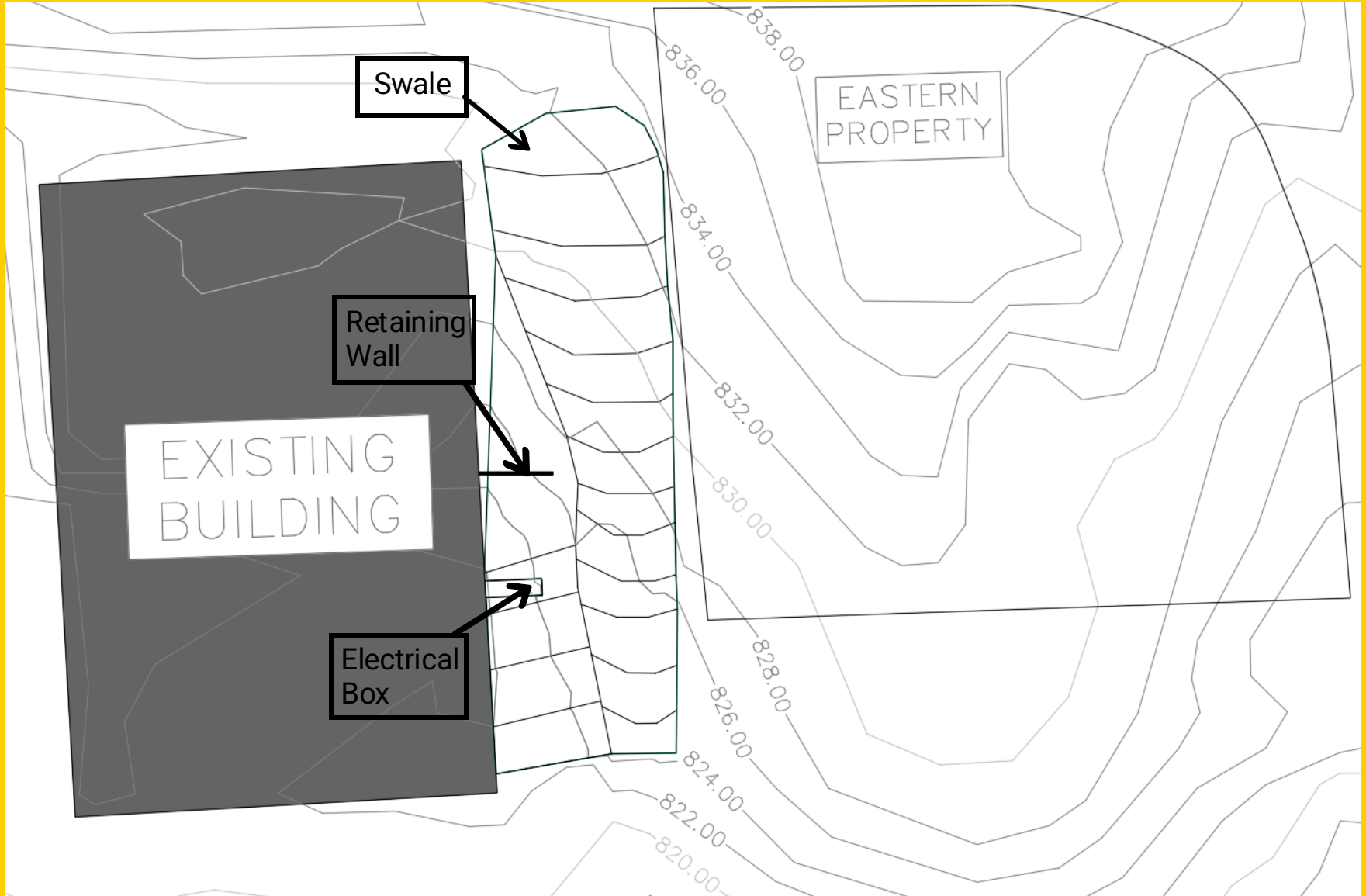
# Existing Ground

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# Proposed Swale Surface

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# New Flow Paths

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# Project Scope



## Parking Lot Design

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- Pedestrian access



## Erosion Control

- Water flow causing erosion



## Entrance Facade

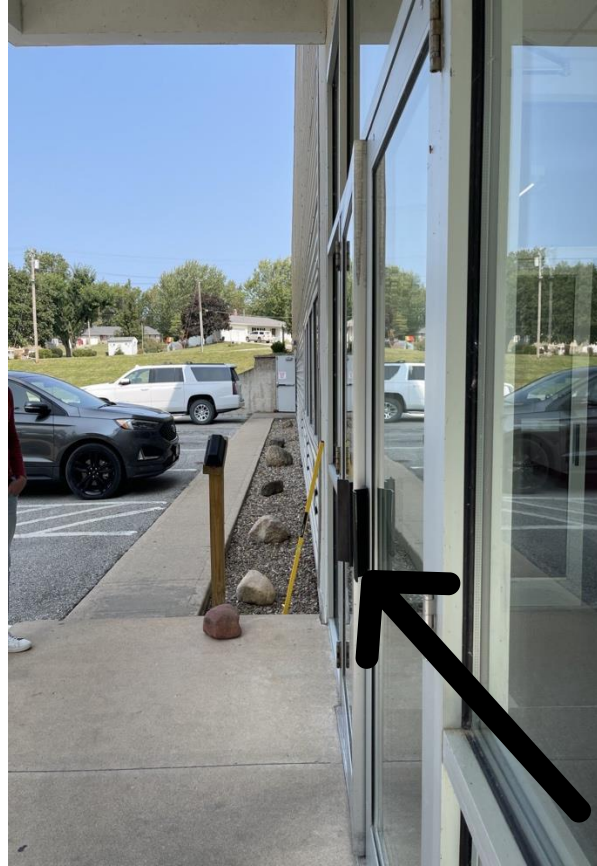
- Doors are not ADA accessible
- Wind slams doors open



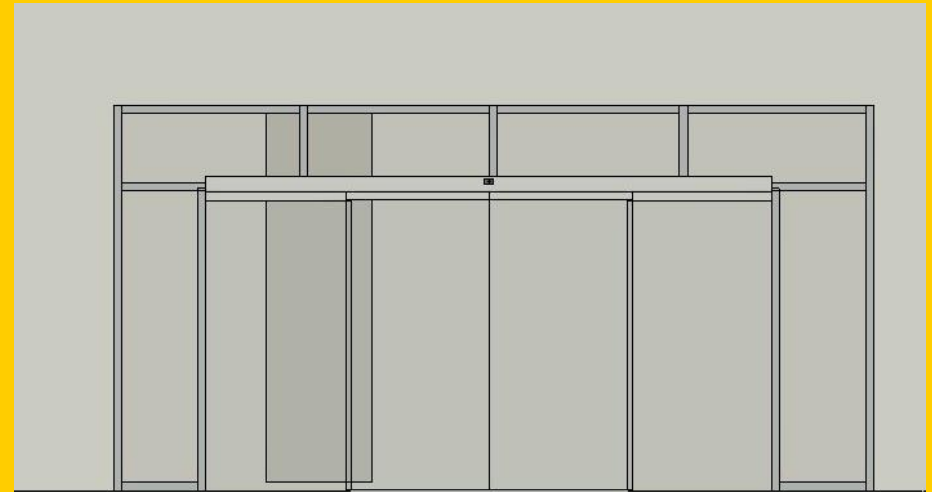
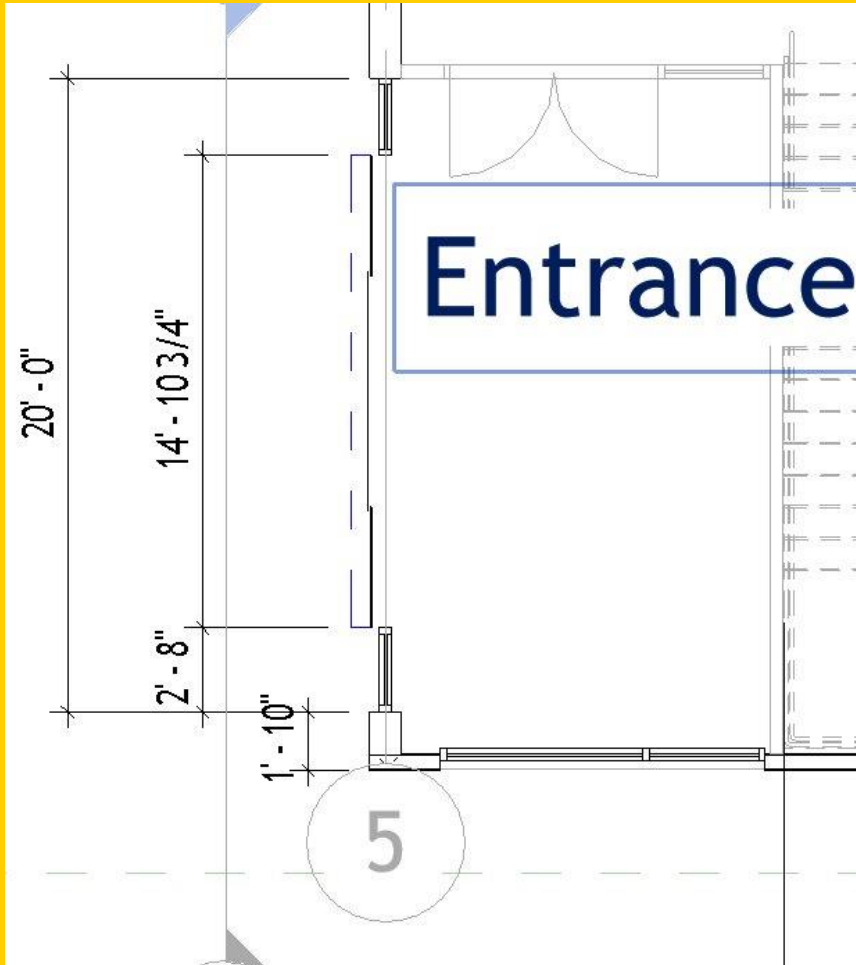
## Interior Layout

- Recreation and weight rooms are only divided by curtain
- Upstairs areas are not being utilized

# Existing Façade



# Automatic Sliding Door



# Project Scope



## Parking Lot Design

- Traffic congestion
- ADA access to the entrance
- Pedestrian access



## Erosion Control

- Water flow causing erosion



## Entrance Facade

- Doors are not ADA accessible
- Wind slams doors open

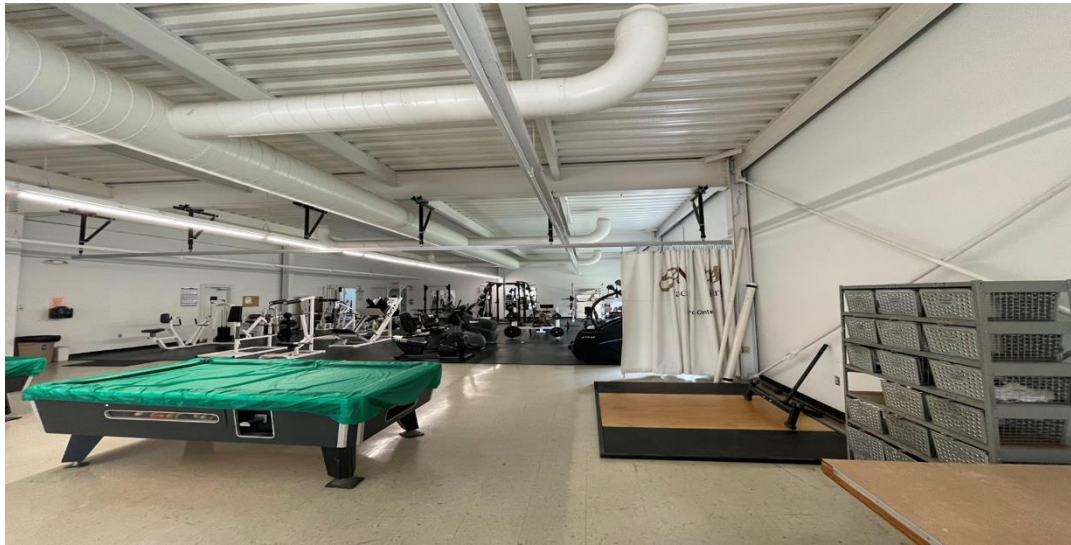


## Interior Layout

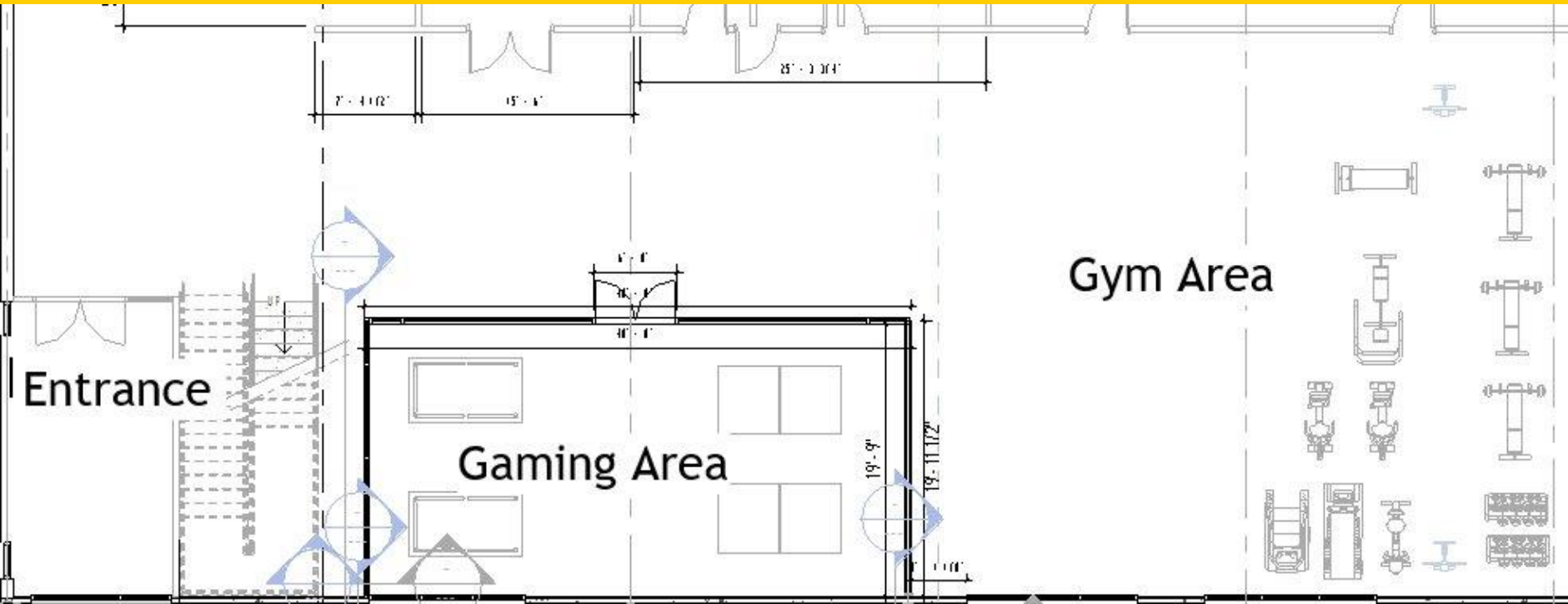
- Recreation and weight rooms are only divided by curtain
- Upstairs areas are not being utilized

# First Floor Existing Conditions

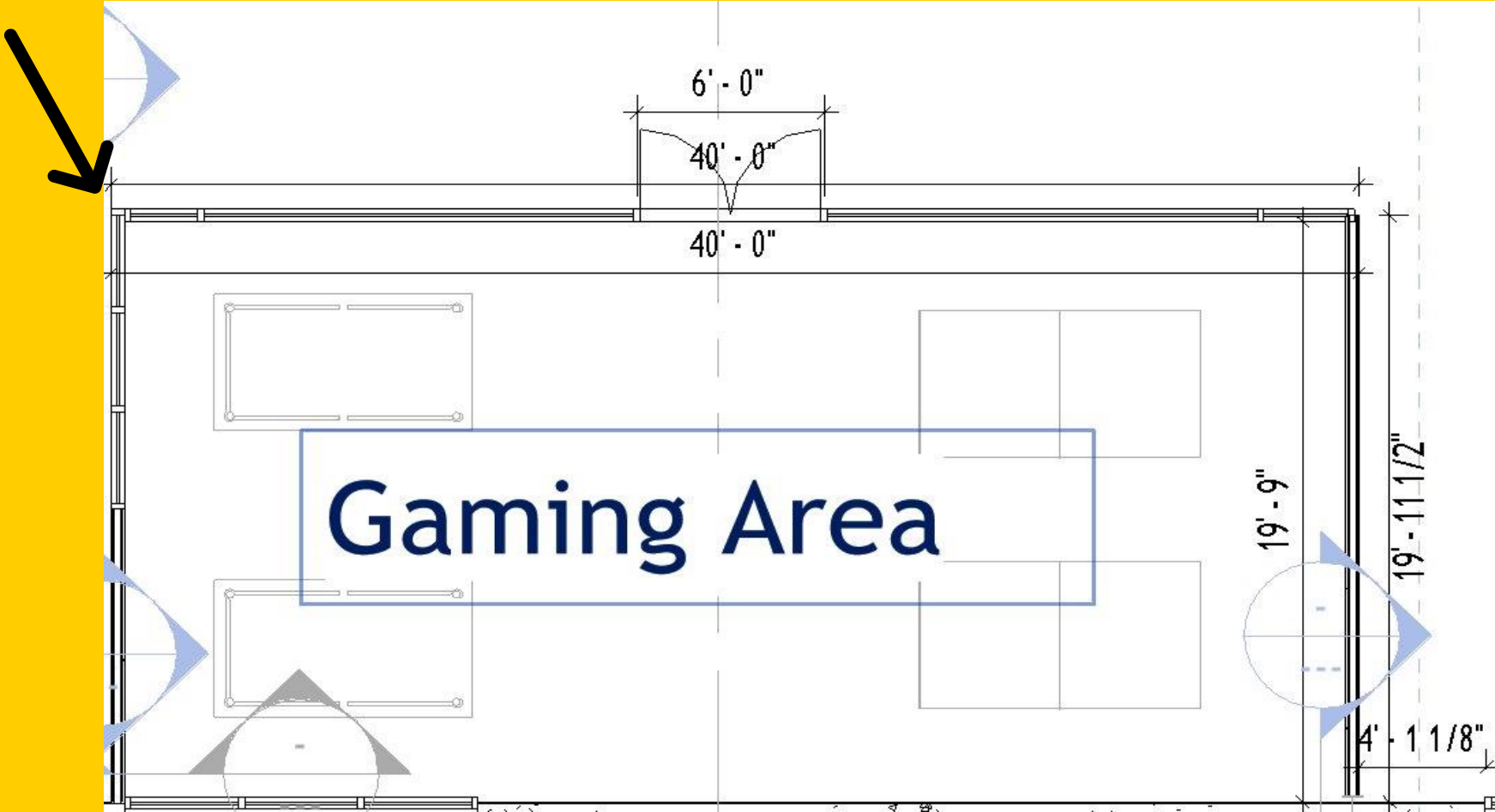
- No designated separation
- HVAC system
- Restrooms adjacent to gym area



# Gaming-Room



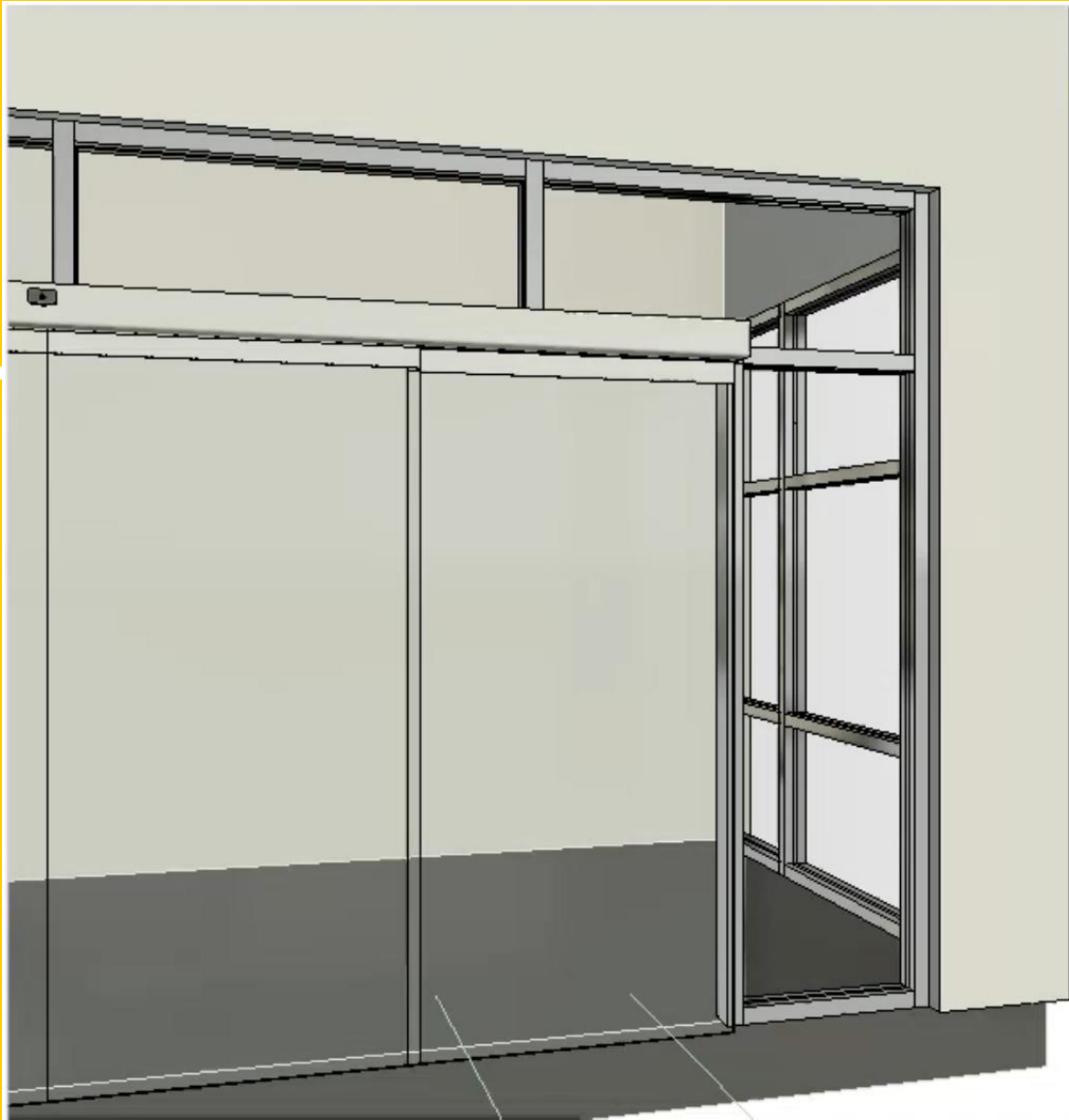
# Gaming-Room



# Gaming-Room Cross Section





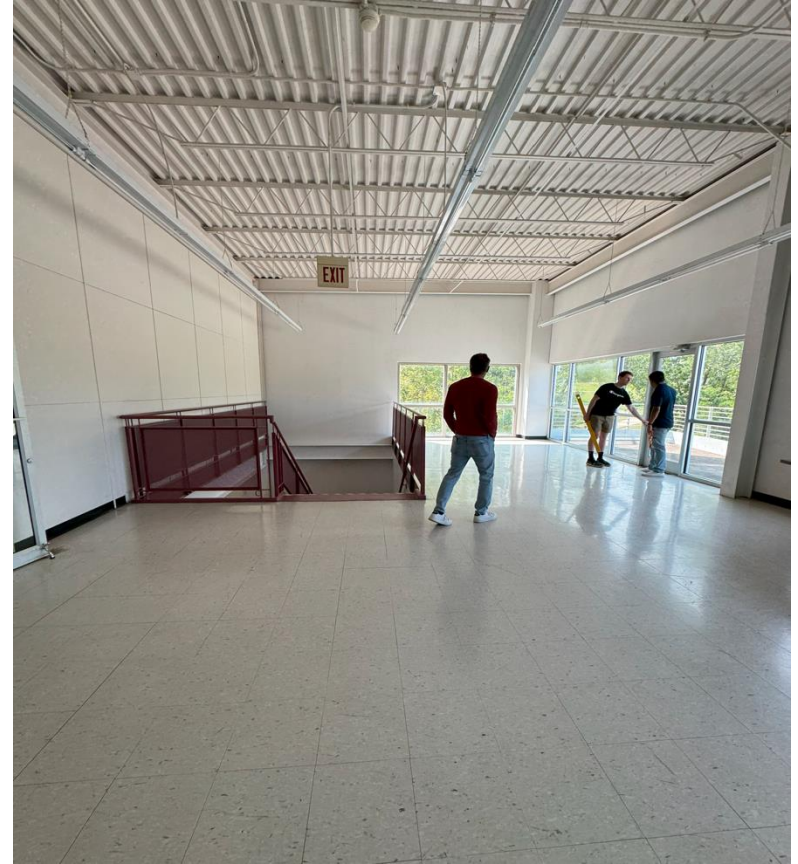


# Gaming-Room

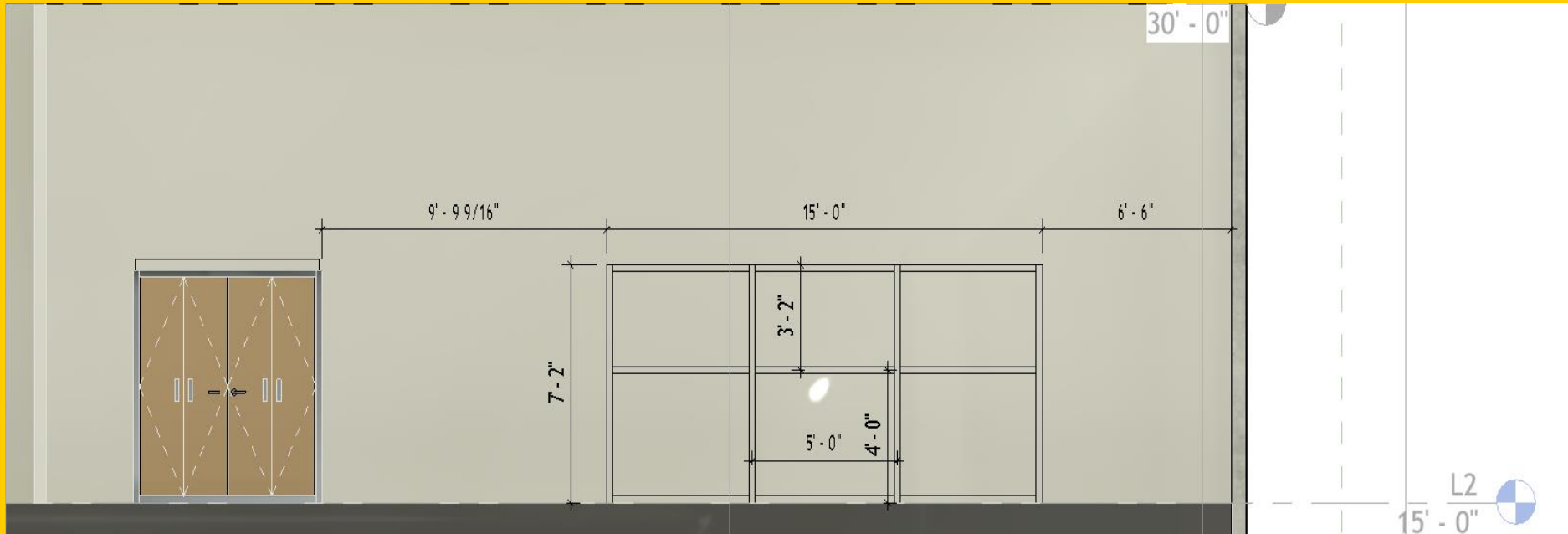


# Existing Second-Floor Layout

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# Second-Floor Cross-Section



## Construction Cost Estimate

- Façade estimate from BasePoint Building Automations (Des Moines, IA)
- Interior partition room estimate from Commercial Glass Partitions (CGP), (New York, New York)
- Contingencies account for unforeseen costs, risks, events, or changes in the scope
- Factored allowances are for additional design aspect the client may want

Category	Total Cost
Parking Lot	\$17,305.00
Swale	\$8,650.00
Facade	\$19,000.00
Interior Layout	\$35,335.00
Architectural Fees	\$2,675.00
Construction Management Fees	\$6,025.00
Engineering Fees	\$2,000.00
Contingencies	\$8,025.00
Factored Allowances	\$800.00
Permits	\$400.00
<b>Total Project Cost</b>	<b>\$100,215.00</b>

# Expected Outcomes



## Parking Lot Design

- Traffic will flow better at busy times
- Pedestrians have a safe place to cross
- Lot will be ADA compliant



## Erosion Control

- Water will flow away from the building
- Erosion will be reduced on retaining wall



## Entrance Facade

- Doors will be more aesthetically pleasing and be ADA accessible



## Interior Layout

- The recreation room and weight room will be separated
- Upstairs areas will be utilized by guests

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# Questions?



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