

## meeting minutes

**Project No.:** R3001.405.00      **File No.(s):** 0.10.0

**Date Prepared:** September 26, 2018

**Meeting Date:** September 25<sup>th</sup>, 2018

**Project Name:** University of Wisconsin-La Crosse- New Student Fieldhouse & Soccer Support Facility (DFD 1512)

**Subject:** Project Restart - DD Kickoff Meeting

**Meeting Attendees:** See meeting attendance list attached

Comments, additions, or corrections to this memo should be communicated in writing to RDG Planning & Design within seven (7) days of receipt. If no comments are received within that period, this memo will be assumed accurate and filed as part of the permanent record for this project.

### **Discussion:**

See attached exhibits discussed and marked up during the meeting for additional meeting documentation.

### **Agenda**

1. Introductions
2. Background
3. Overall Schedule
4. 15 Items from 10% Review
5. Budget
6. Logistics
7. Other Topics, as needed
8. Wrap Up

### **Fieldhouse – Roommates**

1. Rec, Athletics, HSS

### **Project Approvals**

1. DFD Approval – System approval. DFD is very pleased and supportive of the project. This project is on DFD's Priority List."

### **Scope**

1. Student Fieldhouse
2. Soccer Support Facility
3. Pine Street Campus Utilities
  - a. Utility Locates were done before Fall 2018 campus move-in (Potholing – Last week of August. Ring & Du has all the information they need to move forward with this work)
  - b. No Phasing of the three different projects
4. Overview of Floor plans, subgrade, and second level remain as planned / approved

### **Background**



1. Planning – Fall 2017
2. Schematic Design – Spring 2018
3. 10% Peer Review and Discussion – March 1, 2018
4. Coaches Review Meeting – March 21, 2018
5. Restart – September 25, 2018

#### **Schedule – Overall**

1. Confirm Design Meetings w/Executive Comm & Design Comm
  - a. 10.24.18, 11.21.18 & 12.19.18 – Potential Dates
2. 35% Preliminary Design Submittal & Review – 2.1.19. Gain approval by 4.1.19
  - a. FPC Review? Will not have enumeration until 7.19 budget bill signing.
  - b. After getting DFD comments back, where 35% stops, then UWL goes to RJ for input and buy-in from Doug and Cathy and Beth, to get permission to continue down the road.
  - c. 35% - Design Report, Appendix, and Plans/Specs.
  - d. SBC Meeting October 20 2019 or so. – Authority to Construct
3. More specifics on the schedule – coordinate with Scott and his team to confirm etc...

#### **10% Peer Review & Discussion – 15 Action Items & Recommendations**

1. Windows, Control of Natural Light
  - a. Proceed with design using Frit Coated glass and interior window shades
  - b. No need to further consider Electronically Tainted Glass or Exterior Vertical Shades.
2. Electrical below grade
  - a. ***The University does not object to below grade MEP, but have requested the A/E Team reach out to Clevin \_\_\_\_\_ (DFD) for his input on the location / acceptability of below grade Electrical Equipment.***
3. Protecting non-spikable flooring
  - a. Materials that would work with rec sports activities and track activities?
    - i. ***Driver on this project is the indoor track programs...end of the day, so don't want to compromise track solutions for other activities.***
    - ii. ***Keep this on the table for discussion. Other installations/projects/products, for reference.***
    - iii. ***Minnesota, Milwaukee, others.....for reference.***
4. Showers in General Lockers
  - a. Will showers be used? RDG has seen a strong decline of shower use, but not elimination of these.
    - i. ***Campus perspective, OK as-is. We discussed with campus and determined that the showers, as shown, are necessary.***
5. Acoustical Control
  - a. Acoustical decking at roof deck
  - b. Currently in design, with an acoustical modeling and will generate a report.
  - c. ***Will keep moving forward with developing this.***
6. Roofing Materials
  - a. Controlling glare, from within the stadium
    - i. ***Roofing: RDG to reach out to the roofing individual at DFD, with one or two options, for review. Roofs for UWL are extremely sensitive. UWL / Beth to send through contact in the next day or two.***
    - ii. ***Color – pretty surely not looking at the maroons etc. Nice standard, classic grays or similar.***
7. Sliding Snow
  - a. Providing parapet, stopping the majority of this sliding snow, in combination with snow jacks. Hold so it will melt in place.
8. Air Circulation



- a. Track potentially short-circuiting the circulation of air. At the glazing, the track is broken along the exterior, which would create a gap or vent that would allow air to circulate. Will continue to work with MEP folks, in relations to air distribution / circulation.
    - i. **Will need a curb all the way around the edges of the track (Scott S.). They've run into some detailing issues before, as they've had to retrofit this on other projects. Same detailing at stringers of stairs that will potentially have glass.**
  - 9. Reviews by various AHJ's
    - a. Will work to get these reviews scheduled, as we restart.
      - i. Review early and often. – Atrium, ADA etc... Will confirm points of contact.
  - 10. Multiple Entrances, Large Events
    - a. Should there be more than one, main entrance?
      - i. **'NO'. Primary entrance to the south, with two large garage doors at west, with several doors at North that could be opened as well. All controlled through security. Will be managed like a rec center during the day, so one main entrance seems to work the best.**
  - 11. Hot Water Storage
    - a. Capacity – will coordinate with design consultants as we continue to address capacity and different events.
  - 12. Storm Water Management
    - a. We know where the impact is. Existing impervious area helps, and have underground detention currently in the project. Reviewing this is an immediate next step.
  - 13. South Façade, more exciting
    - a. Design of South Façade? Improving ratios of cast stone and brick. East façade?? (May not always be a school next door.
      - i. Showed South and East as currently designed. Had direction to design with traditional approach. Will continue working through design, with material ratios. Glazing not as much, in regards to transparency. Will dig into masonry detailing...
        1. **The blend is not something that they would embrace.... Window profiles - mullion positioning / division etc..**
        2. **Upper part of the structure, regarding brick detailing, is very traditional and collegiate. Developing nicely.**
        3. **Wonderful reflection of Gratt Main Hall, at the south façade.**
        4. **Anything we can do to make the entrance stand out or be more recognizable, with no confusion as to how you enter the building. Challenge is that no areas on the first floor require and warrant exterior fenestrations. Spandrel glass into these spaces potentially?**
  - 14. Landscaping
    - a. RDG / HSR to continue to work with Smith Group JJR
    - b. **For future images, would be better to expand view, to include Mitchell Hall and picking up on relationships and connections. More context! Pine may become more pedestrian friendly...**
  - 15. Impact resistance for glass
    - a. Showed current west façade, with glass to the ground. Showed an alternative with glass pulled up 3'-0" from ground plane.
      - i. **More traditional, like the glass pulled up and design should proceed as such. Reduces glass and puts us closer to the 22% preference. Both design wise and functionally, pulling this up seems stronger.**
- Coaches Meeting Summary
1. Seek to avoid shared showers and toilets
  2. Removable floor plate for in-floor throw circle
  3. Court Lengths, flow and traffic, regarding dimensions and geometry.
  4. Additional in-field geometries
  5. Confirm storage for bleachers and tilt n roll.



6. Pole Vault equipment conflicts

Budget

1. Total Construction Cost = \$34.1 M
  - a. \$33.1M for Fieldhouse
  - b. A bit less than \$1M for Soccer Support
    - i. **These numbers match what was submitted. Want to make sure we are designing to the same budget, with options / alternates in place.**
    - ii. Additive Changes and Deductive Changes
      1. **Adding Environmental Graphics –Agreement that we should plan for these graphics, but may come out of the project contingency!**
      2. **Donor feature wall –There is not much of an interest in including at this time...**
      3. **Sheet Piling Element –Beth wants a small report, showing where the pipes are, where the building is and what we are proposing. Then will have her Civil people take a look at this, as \$733k is a big number.**
      4. **Full brick on an insulated precast panel –**
        - a. **Beth mentioned that this deserves some discussion, but most are not crazy about interior aesthetic. We will proceed with the current brick veneer with CMU Backup.**
      5. **Beth wants additive/deductive change list kept to the small group.**
      6. Lowering floor to floor from 15'-8" to 14'-8" – This would be acceptable to achieve \$171k savings.
        - a. **We are not upside down in the budget yet, so don't have to make decision now. Decision now is to keep it at 15'-8"**
      7. Replace Scissor Trusses – could save \$250k
        - a. **Architecturally, like it as is, but may be a secondary benefit to hang everything from. (Comments from Scott S.) Asked if there is a building that has this done both ways...(Beth) RDG to send on the ground perspective / visual.**
      8. Eliminate Roof Offset at Clerestory
        - a. **Beth commented that it breaks up the scale. Gut feeling is to keep clerestory in.**
      9. Reduce Basement Area
        - a. **Want to do the locker rooms the right way for sports. At this point, not an option to reduce.**
2. Action Items
  - a. Meeting Kit – RDG to prepare and send out
  - b. Additional requested items – RDG to prepare and send out
  - c. Setting Dates for upcoming meetings, on campus.
    - i. 3-4 weeks for time to get together with committee groups on campus, and moving ahead!
    - ii. RDG to reach out to Scott and confirm scheduling.
      1. End of October – Startup, finishes and geometry
      2. Mid November – MEP related (Ring & Du) Not as much HVAC, but other systems.
      3. Mid December – Wrap-up, working towards 35% Review.

**END OF MEETING MINUTES**





## meeting attendance

**Date:** September 25, 2018 **Time:** 10 – 11:30am CST **Subject:** DD Kickoff Mtg.  
**Project:** University of Wisconsin–La Crosse New Student Fieldhouse & Soccer Support Facility – DFD 15121  
**Project No.:** 3001.405.00

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Beth  
Bob  
Doug R.  
Kyle S.

Jack  
Brad R.  
Hoang T.  
Nathan H.

# University of Wisconsin – La Crosse Student Fieldhouse and Soccer Support Facility

Project Restart – Sep 25, 2018



# Agenda

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- Introductions
- Background
- Overall Schedule
- 15 Items from 10% Review
- Budget
- Logistics
- Other topics, as needed
- Wrap Up

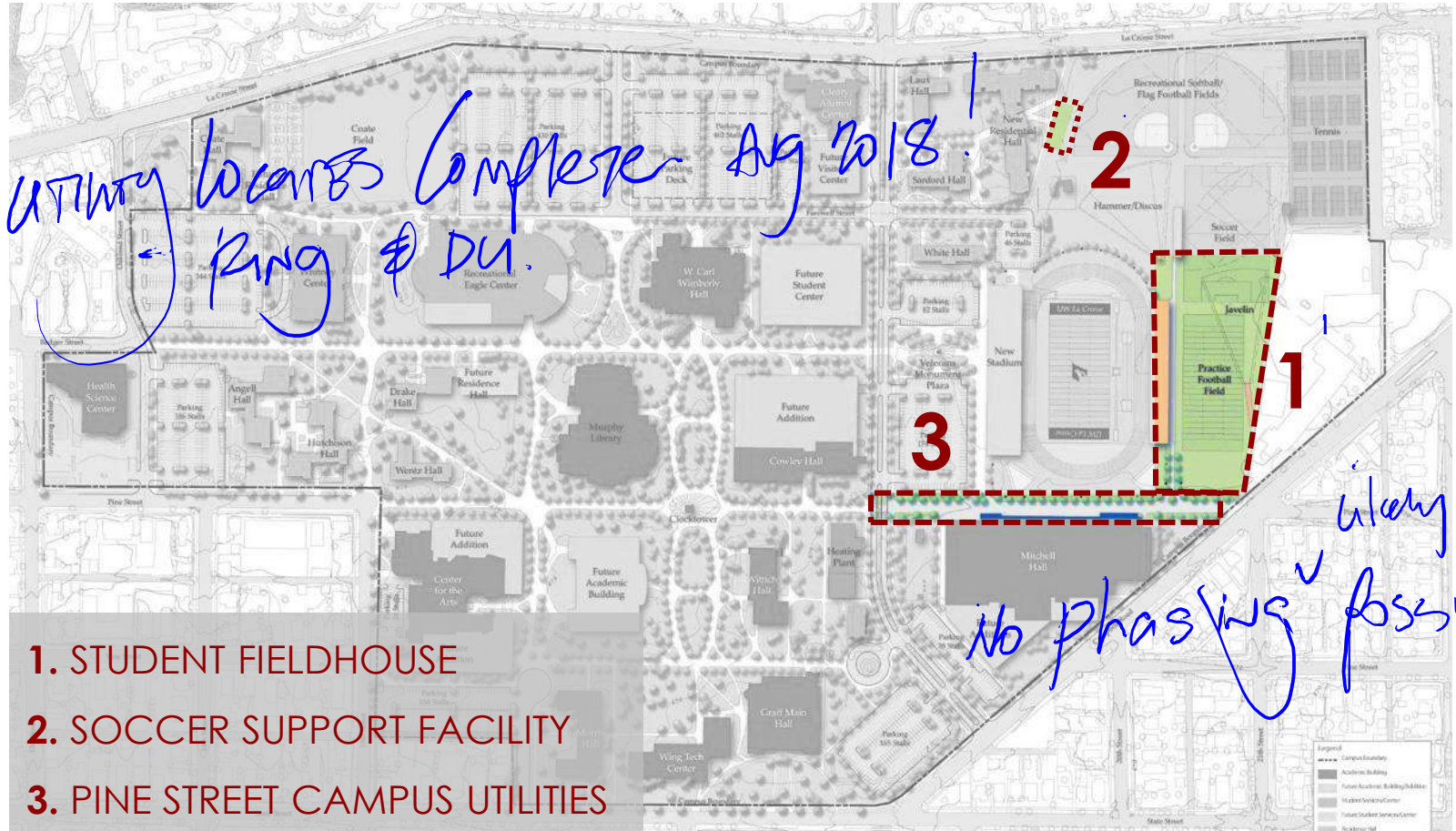




# 1 | Fieldhouse – Roommates



# Scope of Work



UTILITY LOCATIONS COMPLETE Aug 2018!  
RING @ DU.

2

1

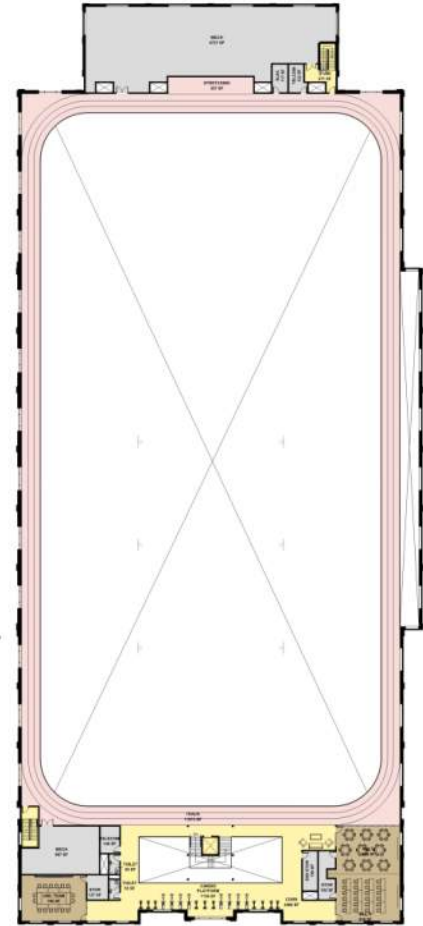
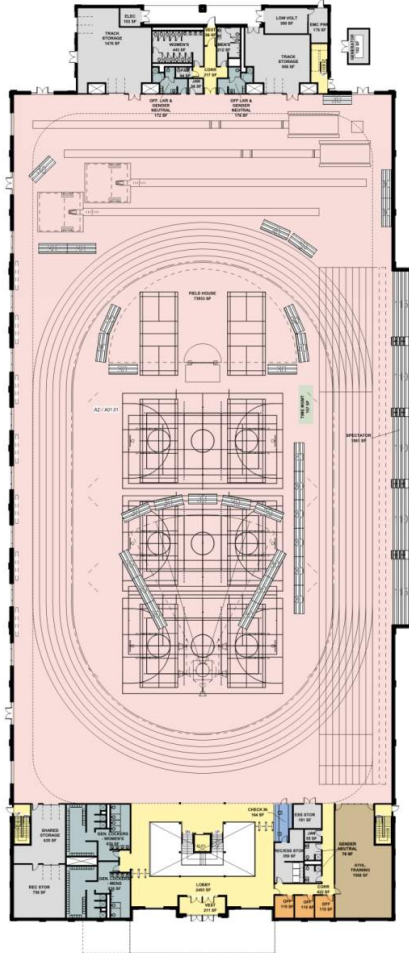
3

no phasing possible utility

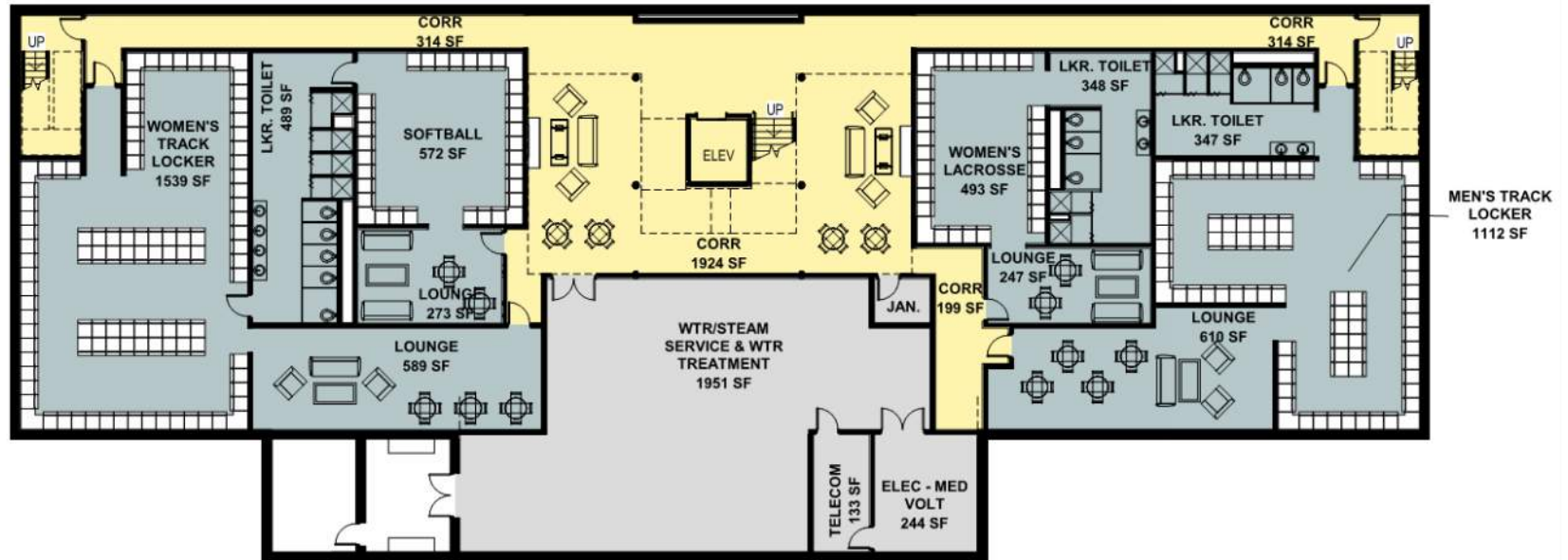
1. STUDENT FIELDHOUSE
2. SOCCER SUPPORT FACILITY
3. PINE STREET CAMPUS UTILITIES



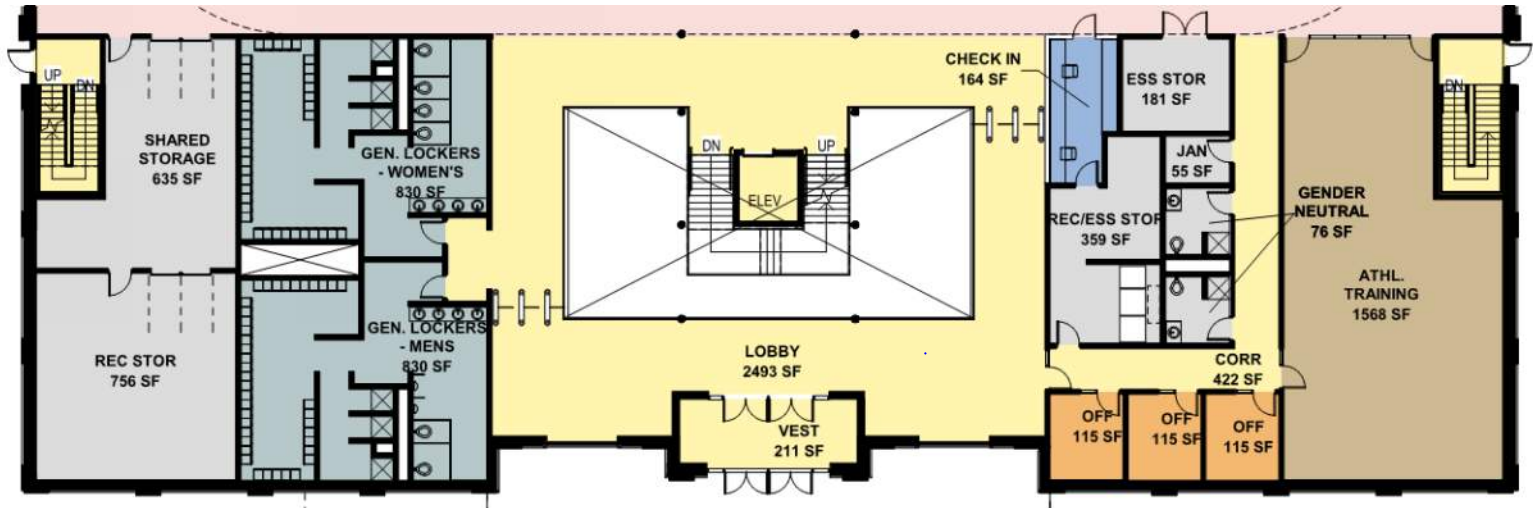
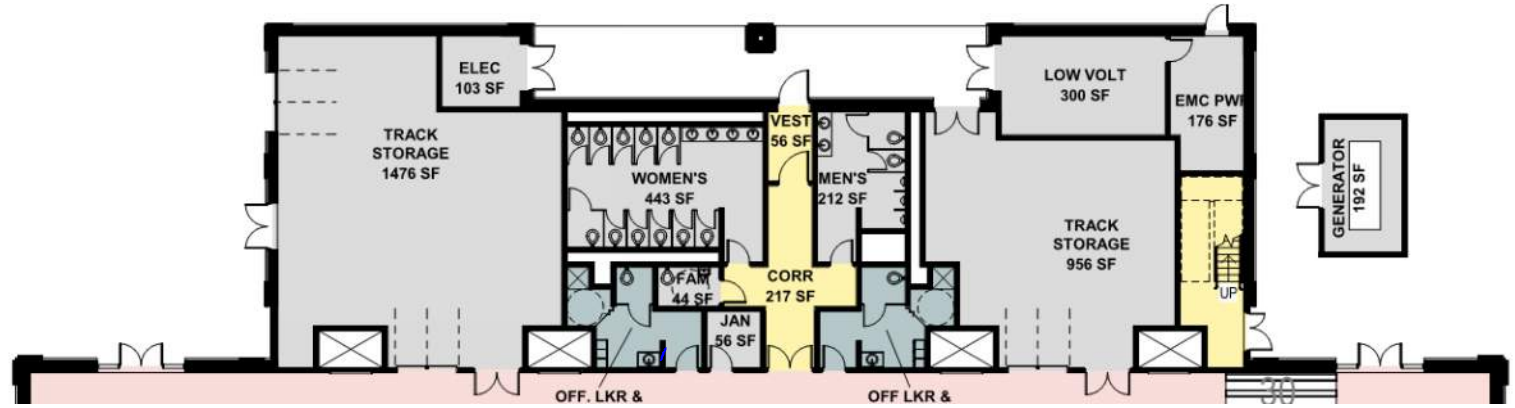
# 1 | Fieldhouse – Floor Plan



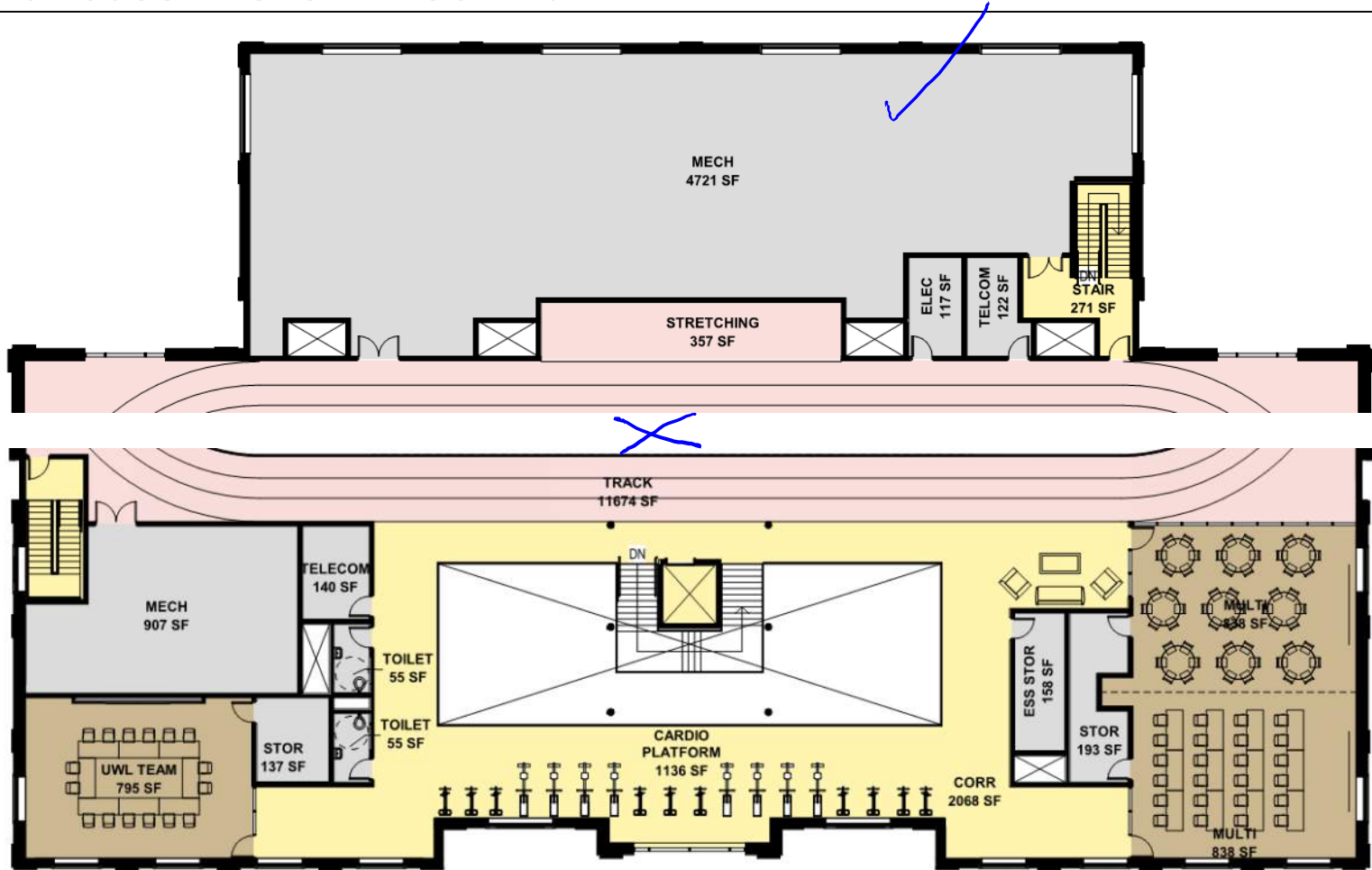
# 1 | Fieldhouse – Basement Floor Plan



# 1 | Fieldhouse – Level 1 Floor Plan



# 1 | Fieldhouse – Level 2 Floor Plan



# Background

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## Timeline

- Planning
  - Fall 2017
- Schematic Design
  - Spring 2018
- 10% Peer Review & Discussion
  - March 1, 2018 ✓
- Coaches Review Meeting
  - March 21, 2018 ✓
- ... Pause ... ← Ughh
- Project Restart
  - Sep 25, 2018

## Project Approvals

- State Funding?
- DFD Approval?
- UWL Approval?

System Approval  
Priority list  
Supportive!



**Schedule**

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# Schedule | Overall

LOCATION	TASK	DATE	DURATION
UWL	Kick-off Meeting w/ Exec Comm	8.24.17	1.5 hours
AE	DFD 10% Document Preparation	Sept 2018	4 months
UWL	Design Meetings w/ Executive Comm & Design Comm	9.20.17	1 Day
UWL	Design Workshop Sessions w/ Exec Comm, Design Comm & User Groups	10.17.17	2 Days
UWL	Design Workshop Sessions w/ Exec Comm, Design Comm & User Groups	11.14.17	2 Days
UWL	Design Workshop Sessions w/ Exec Comm, Design Comm & User Groups	Dec 2017	2 Days
AE/DFD	DFD 10% Peer Review in Madison	3.1.18	1.5 hours
UWL	Design Meeting w/ Design Committee	3.21.18	1 Day
	Pause in Design	3.29.18	6 months
MAD	BOR/SBC Meeting to Approve moving forward with Design	8.23.18	1 Month
AE	DFD 35% Document Preparation	9.25.18	4 months
UWL	Design Meetings w/ Executive Comm & Design Comm		1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm		1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm		1 Day
AE/DFD	DFD 35% Preliminary Design Submittal & Review of Documents	2.1.19	2 Months
UWL	Design Meetings w/ Executive Comm & Design Comm	3.6.19	1 Day
AE	DFD 100% Document Preparation	4.1.19	6 months
UWL	Design Workshop Sessions w/ Exec Comm, Design Comm & User Groups	May 2019	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm	June 2019	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm	July 2019	1 Day
AE/DFD	DFD 100% Final Design Submittal & Review of Documents	9.27.19	2 Months
MAD	BOR/SBC Authority to Construct	Nov 2019	3 Months
DFD	Release of Bidding Documents	Feb 2020	3 Months
DFD	Receipt of Bids & Release of Construction Contracts	May 2020	3 Months
UWL	Construction of New Facility	Aug 2020	22 Months
UWL	Substantial Completion	June 2022	1 Month
UWL	Occupancy	July 2022	3 Months
UWL	Final Completion	Nov 2022	4 Months



# Schedule | Remaining

START NOW →  
9/25

	Pause in Design	3.29.18	6 months
MAD	BOR/SBC Meeting to Approve moving forward with Design	8.23.18	1 Month
AE	DFD 35% Document Preparation	9.25.18	4 months
UWL	Design Meetings w/ Executive Comm & Design Comm <i>FINISHES</i>	10.24.18	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm <i>SYSTEMS</i>	11.21.18	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm <i>Wrap up</i>	12.19.18	1 Day
AE/DFD	DFD 35% Preliminary Design Submittal & Review of Documents	2.1.19	2 Months
UWL	Design Meetings w/ Executive Comm & Design Comm	3.6.19	1 Day
AE	DFD 100% Document Preparation	4.1.19	6 months
UWL	Design Workshop Sessions w/ Exec Comm, Design Comm & User Groups	May 2019	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm	June 2019	1 Day
UWL	Design Meetings w/ Executive Comm & Design Comm	July 2019	1 Day
AE/DFD	DFD 100% Final Design Submittal & Review of Documents +	9.27.19	2 Months
MAD	BOR/SBC Authority to Construct <i>OCTOBER '20</i>	Nov 2019	3 Months
DFD	Release of Bidding Documents	Feb 2020	3 Months
DFD	Receipt of Bids & Release of Construction Contracts	May 2020	3 Months
UWL	Construction of New Facility	Aug 2020	22 Months
UWL	Substantial Completion	June 2022	1 Month
UWL	Occupancy	July 2022	3 Months
UWL	Final Completion	Nov 2022	4 Months

Date TBD  
Date TBD  
Date TBD

FBC Review

← RJS Input is key

July 19  
Budget & Enumeration  
Design Report  
Appendix  
Plans





## 10% Peer Review & Discussion

15 Action Items & Recommendations

Send response to Beth regarding the 15 Review questions

## Windows, Control of Natural Light

- There were concerns about **western exposure** on this building. The review committee felt the **quality as well as quantity of light could be disadvantageous** to athletic activities. Design team will **research energy efficient, tinted windows with mechanical shades to provide lighting control.**

Control ✓  
quality  
quantity

# FIELDHOUSE – WESTERN EXPOSURE

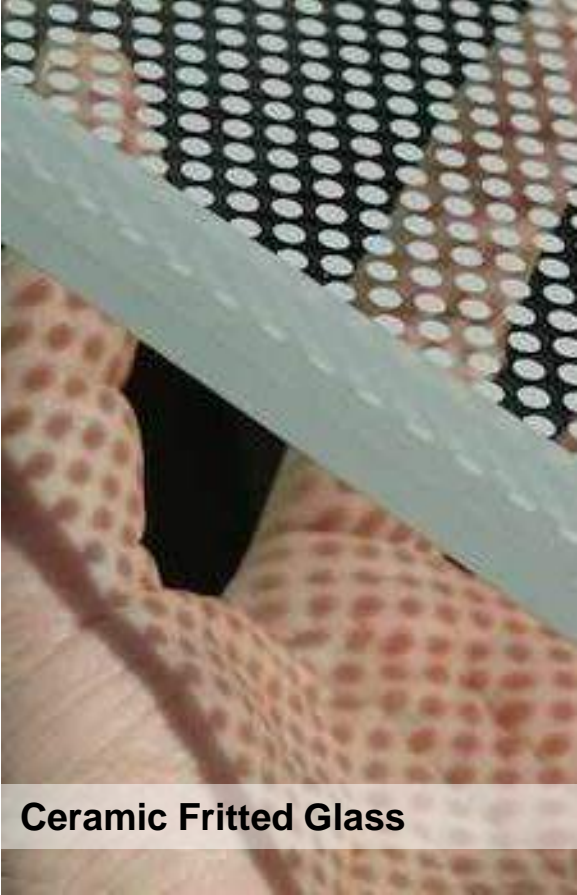
TABLE 1: COOL DAYLIGHTING PERFORMANCE CRITERIA

CRITERIA		ACCEPTABLE	PREFERRED
<b>REQUIRED:</b>			
<b>1. WINDOW-WALL RATIO<sup>1</sup></b> MAXIMUM ALLOWABLE EXTERIOR GLASS AREA AS A % OF GROSS EXTERIOR WALL AREA <sup>2,3</sup>	NORTH ELEVATION	70% max	50%
	EAST ELEVATION	30% max	22%
	SOUTH ELEVATION	30% max	26%
	WEST ELEVATION	30% max	22%
<b>2. GLASS PERFORMANCE<sup>1,4</sup></b>			
2A. VIEW GLASS			
	Shading Coefficient, SC	0.38 max	0.22
	Visible Transmittance, V <sub>T</sub>	40% max	18%
2B. DAYLIGHTING GLASS			
SHADED	Shading Coefficient, SC	0.38 max	0.38
	Visible Transmittance, V <sub>T</sub> <sup>5</sup>	40% max	38%
UNSHADED	Shading Coefficient, SC	0.38 max	0.26
	Visible Transmittance, V <sub>T</sub>	40% max	23%

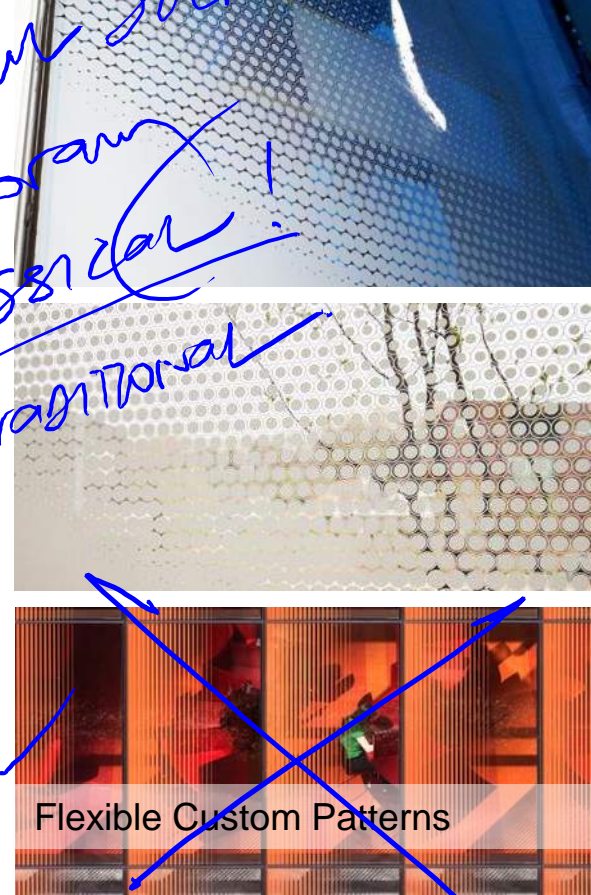
15 %  
 10 %  
 18 %  
 25 %



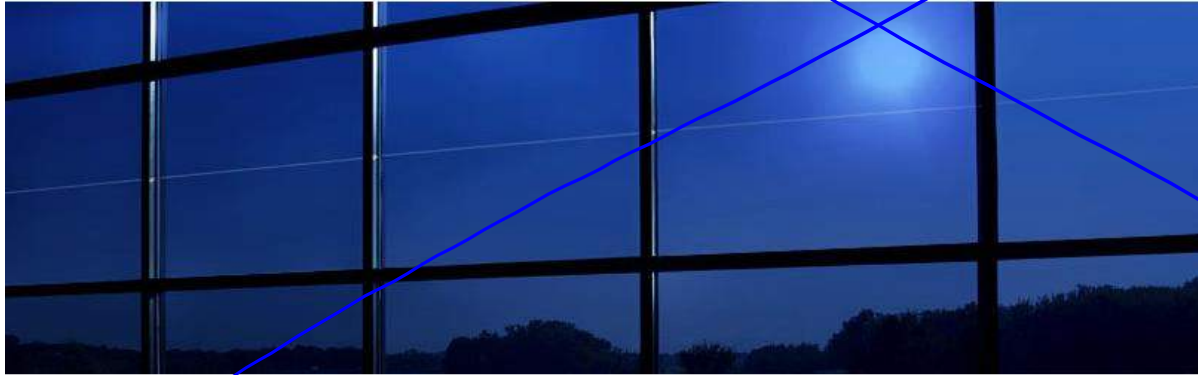
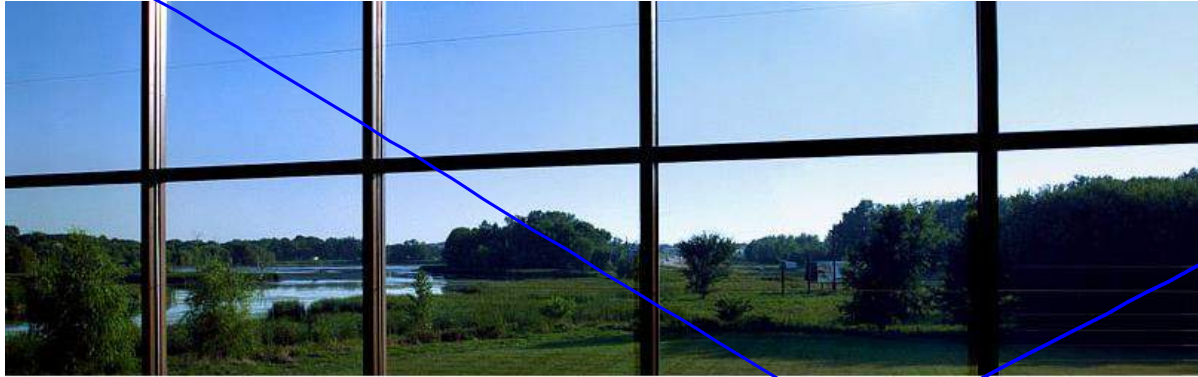
# FIELDHOUSE – WESTERN EXPOSURE



Be Careful -  
have @ u/w Science  
No Combustion  
Stay Classical!  
& Traditional



# FIELDHOUSE – WESTERN EXPOSURE



**Electronically Tinted Glass:** Effective Method For Controlling Glare And Solar Gain

## RESEARCH TOPICS:

1. Cost
2. Tint Consistency
3. Speed of Adjustment

\$\$

# FIELDHOUSE – WESTERN EXPOSURE

YES

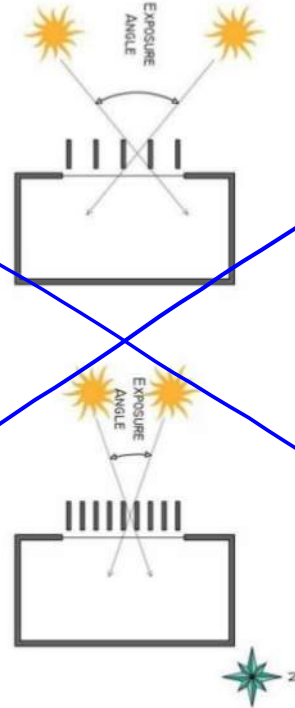




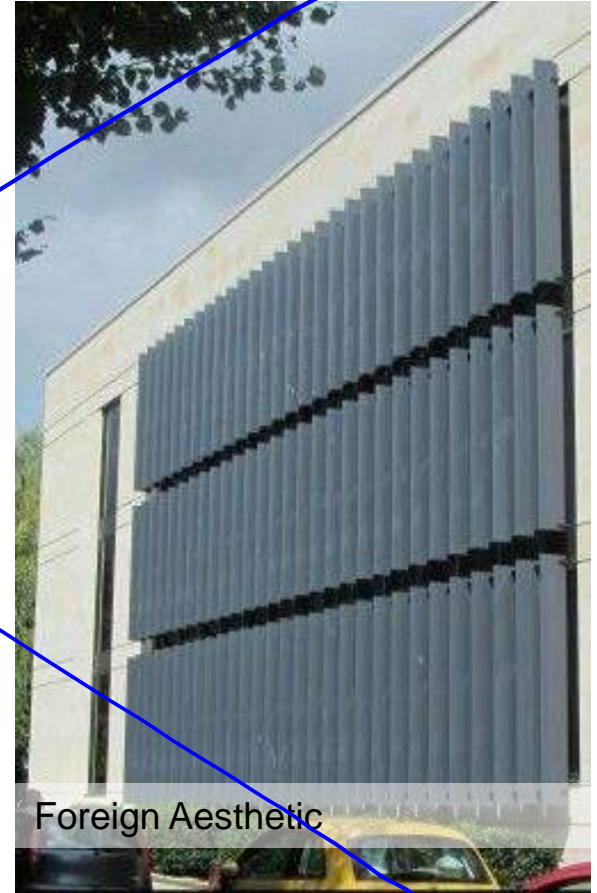
# FIELDHOUSE – WESTERN EXPOSURE



Vertical Exterior Louvers



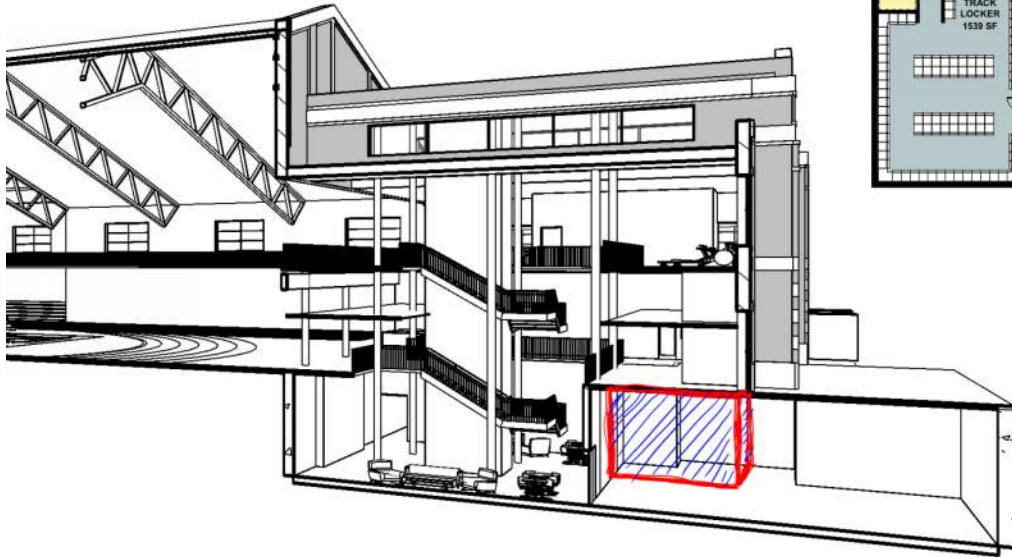
Control Glare And Solar Gain at Cost of Visibility



Foreign Aesthetic

# Below Grade Electrical

- Occupied space underneath the plaza is a potential problem in term of building budget and maintenance. There are more possibility for leaking/flooding. **Waterproofing strategies needs to be researched. Move the electrical components.**



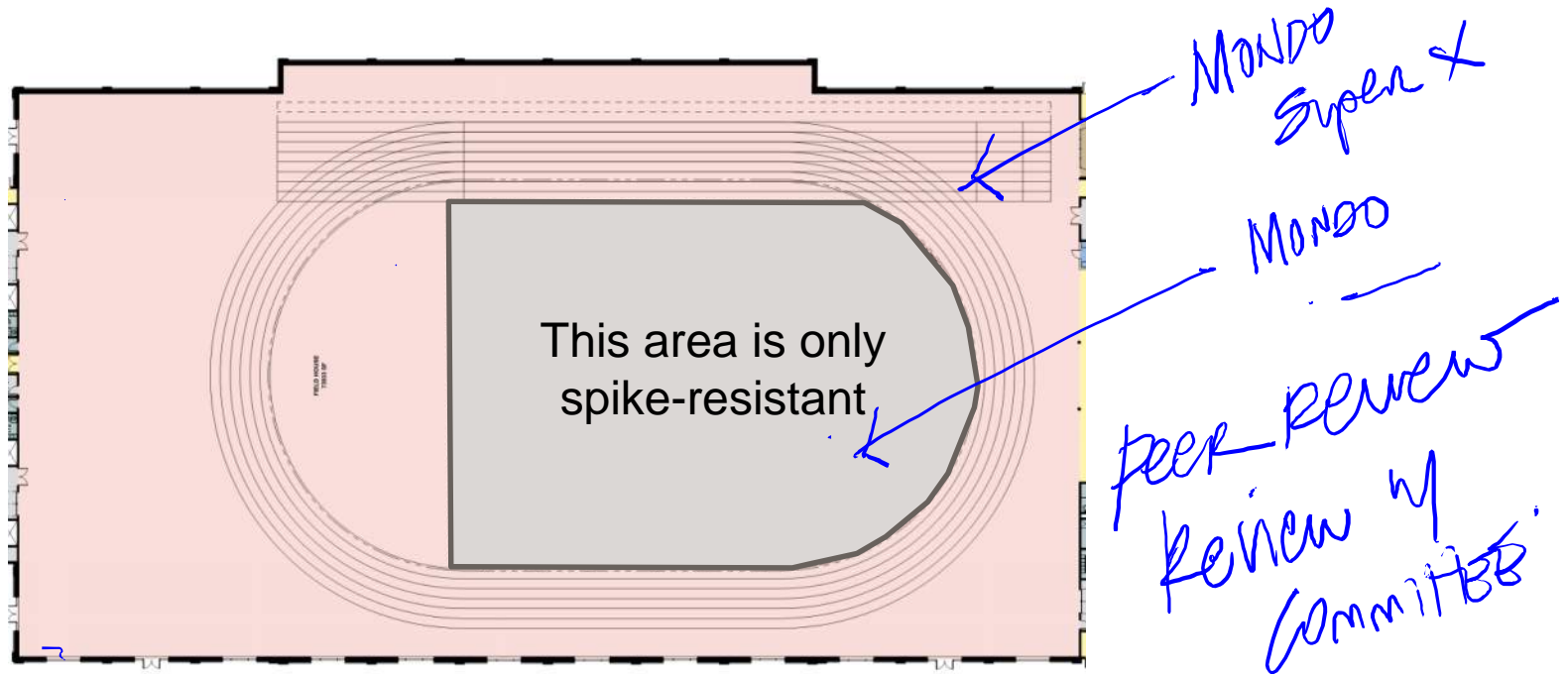
*Below grade ok?  
MBP reach out to DFP.  
"Clevin"  
Discuss w/*



## Protecting Non-Spikable Flooring

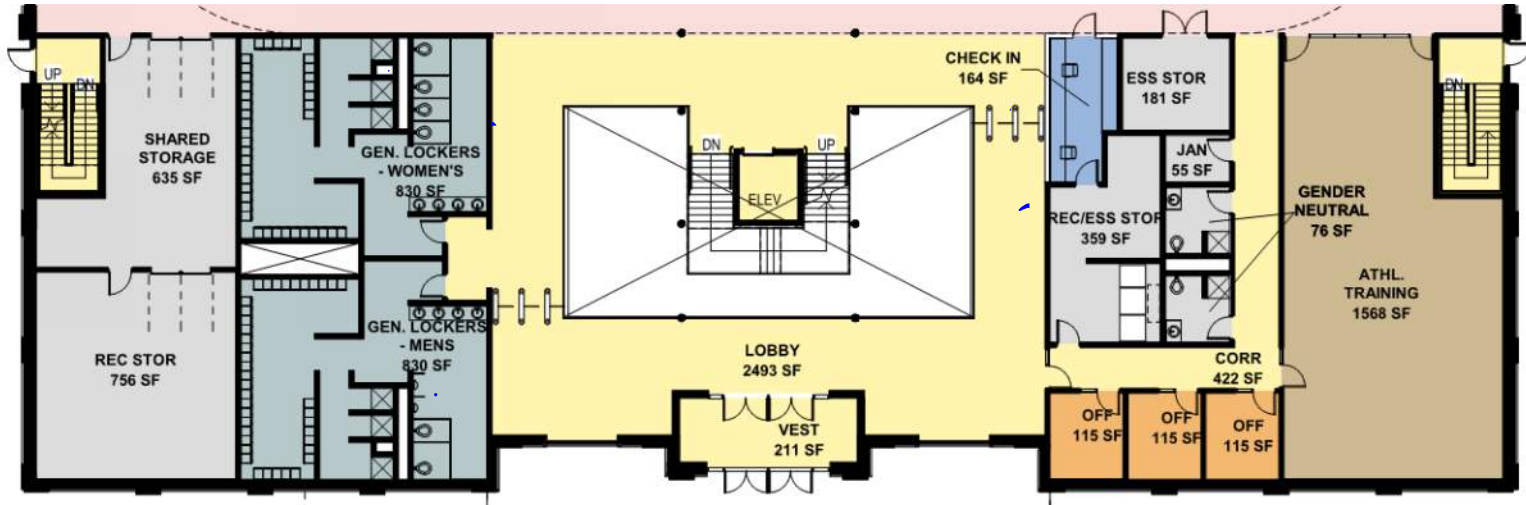
3

- There were concerns about the **separation of spikable and non-spikable athletic surfaces**. Review committee were concerned that non spikable surface would be damaged by athlete's cleats without proper protection.



# Showers in General Lockers

- There were concerns about the south general use (main level) locker rooms and **if the showers would get used**. Review with user if the mix of lockers to showers is correct.



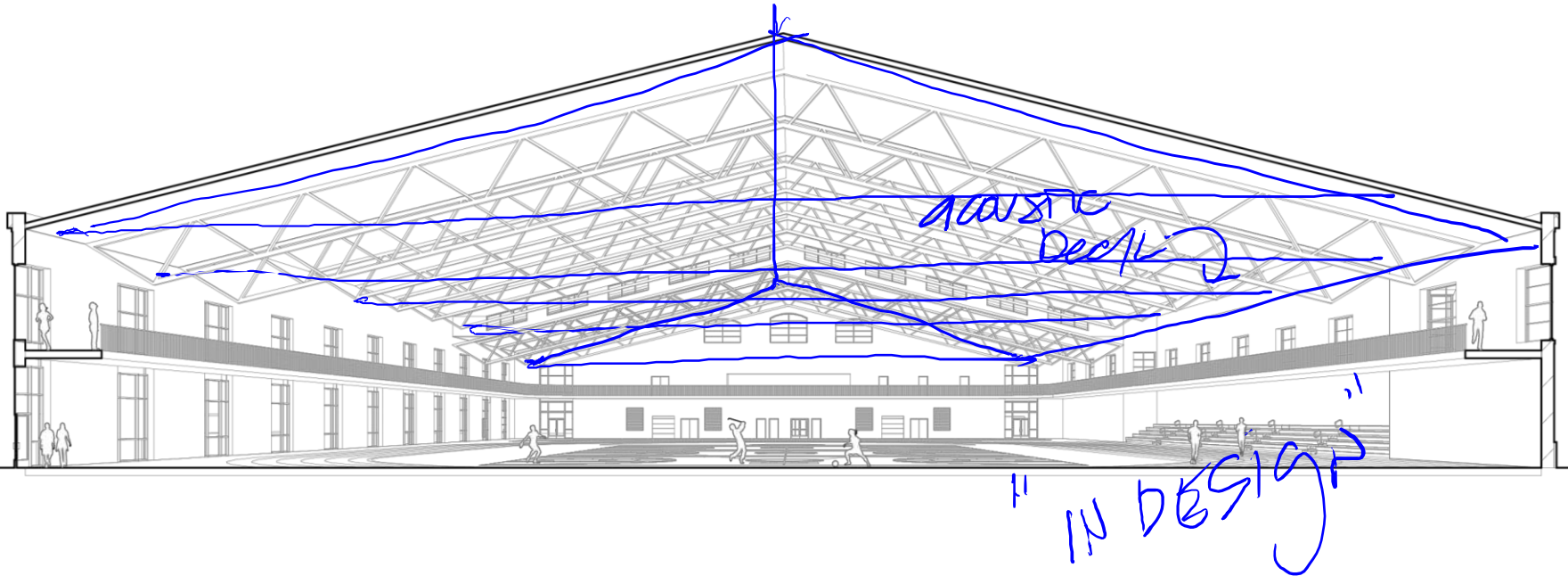
→ ok as is



# Acoustical Control

5

- **Acoustic control** were a concern for an active, large open space. Design team are **planning on using acoustical decking** in the field house to absorb reverberation. Review committee **requested to see additional acoustic strategies.**



## Roof Materials

6

- Review committee posed **questions about roof materials**. Roof can be seen from the football stadium as well as from Grandad bluff. Review committee suggested roof **needed to be aesthetically pleasing texture/color while avoid glaring issues.**

REACH OUT TO DFO'S  
ROOFING INDUSTRY

REACH TO SOME POINT OF  
CONTACT "new guy!"



# FIELDHOUSE – ROOFING MATERIAL



**Sarnafil Roof with Battens**

Useful In Roofs with Complex or Non-Traditional Layouts

Cost Same as Standing Seam Metal



# FIELDHOUSE – ROOFING MATERIAL



**Metal Roof With Textured Finish Reducing Solar Glare**



**Selecting The Right Profile And Finishes With The University**



**Testing Color Options As Well As Combination of Colors**

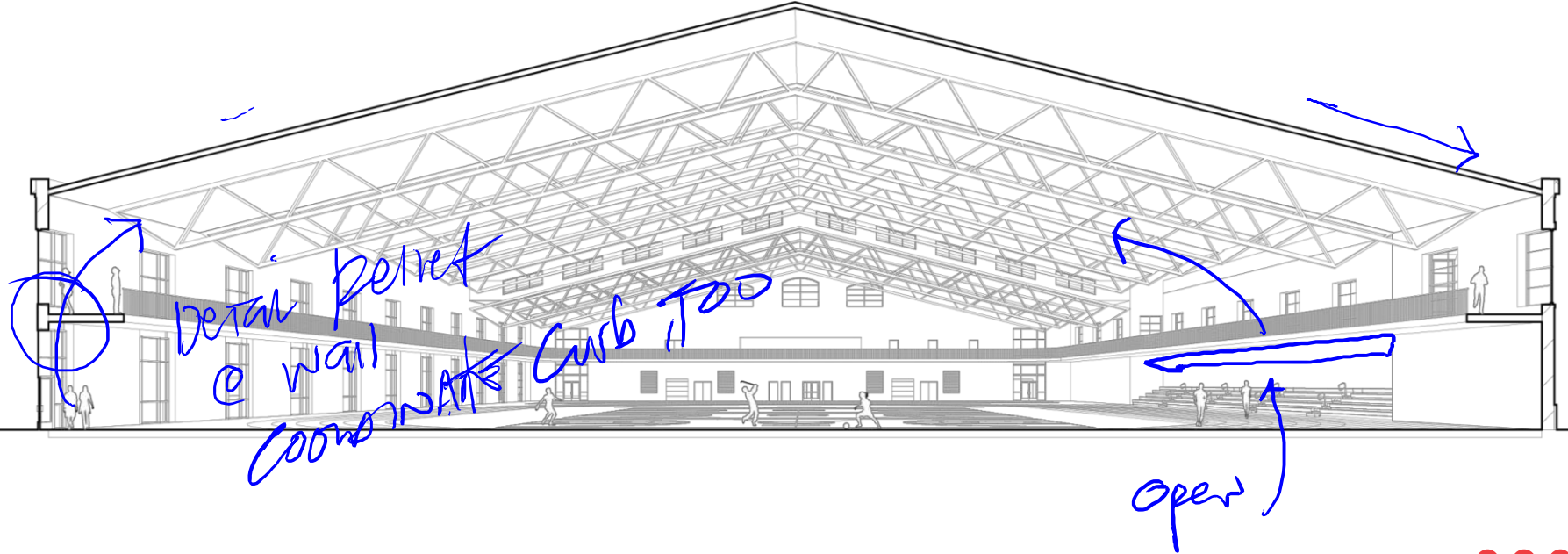


- Review committee warned about the amount of snow that will be collected on large roof area during winter months. **Falling snow and ice needs to be taken into consideration, especially for the pedestrian path** along West side of building.

IN DESIGN

# Air Circulation

- Review committee had some concerns regarding **air circulation** in such a large space and **in particular the area under the overhead track**. Review committee requested to **see air circulation strategies**.



## Reviews by various AHJ's

9

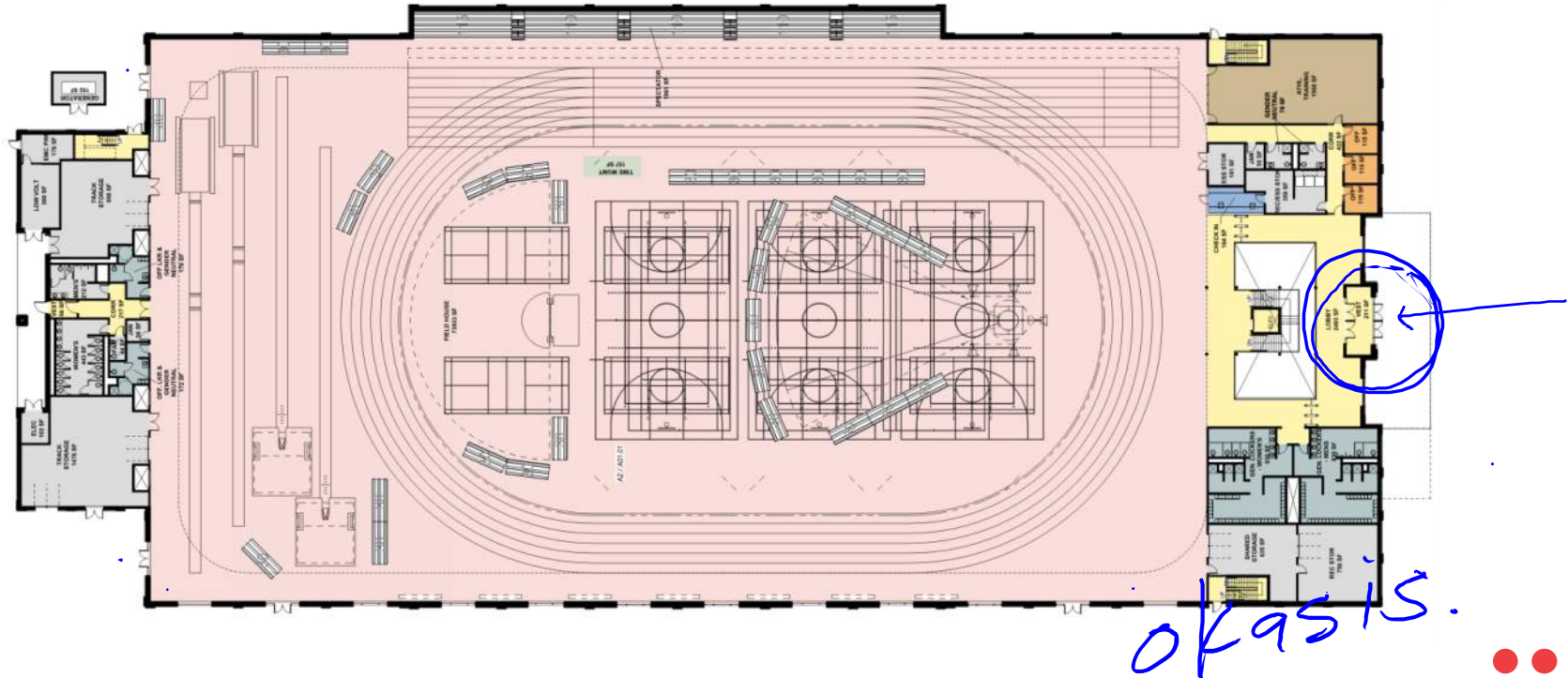
- Review committee suggested preliminary DSPS building code review & local fire department **review for field house atrium and Soccer Support's ADA compliance.**

Amen!



# Multiple Entrances, Large Events

- Review committee had questions about flow of vehicular and pedestrian traffic on site during large events. Committee **suggested having more than one entrance for large events.**



OKASIS. . . .

## Hot Water Storage

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11

- Review committee suggested reviewing hot water storage design for building. Capacity of **hot water storage needs to be planned for large events.**

Quantity & Design  
as needed.  
Dual system efficiency?  
Instantaneous  
only small storage?



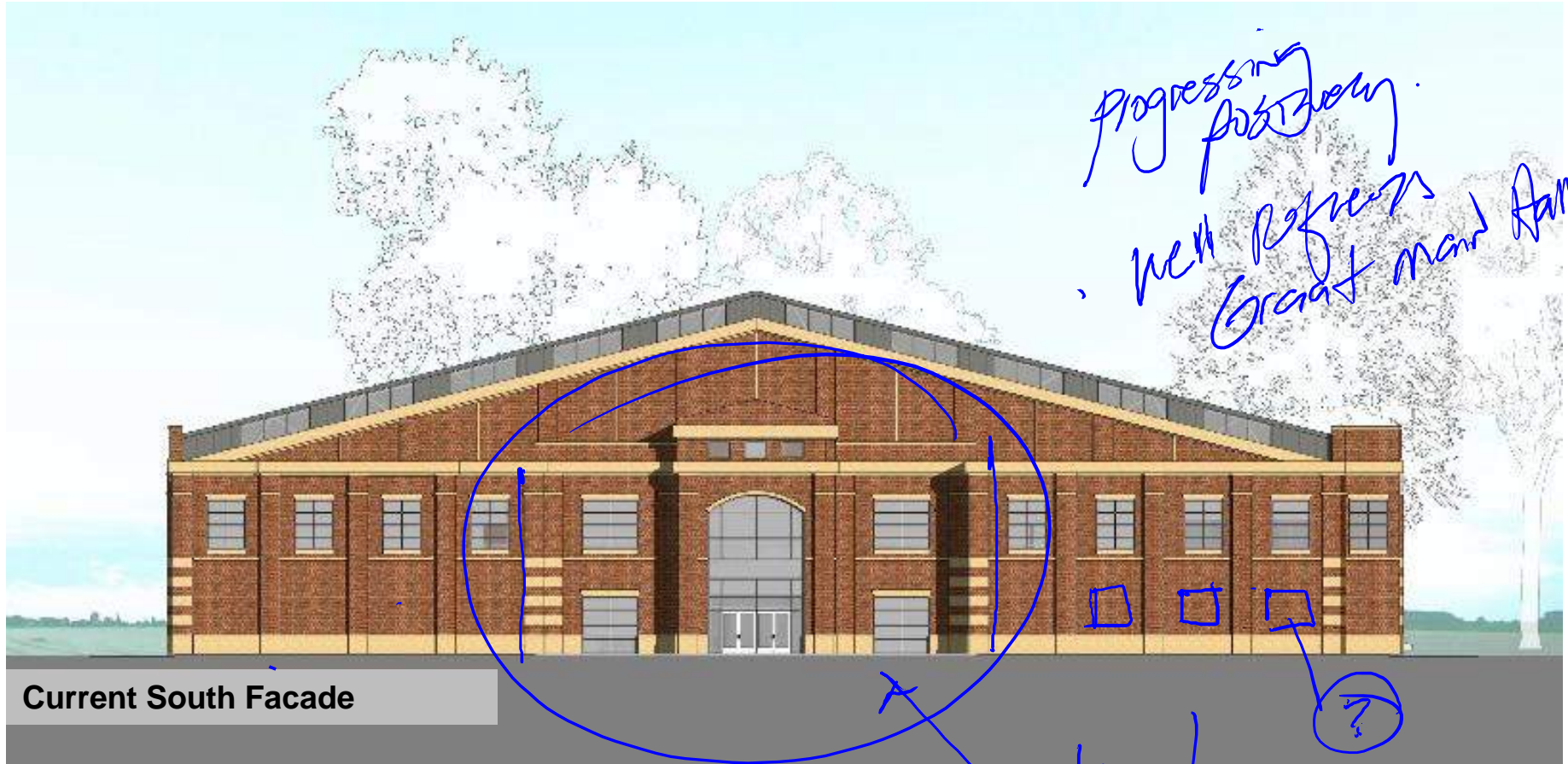
- **Storm water retention strategies** needs further development.



*In Design*

- Review committee noted the **design of the south façade** needed more experimentations with proportions and brick / cast stone ratio. The façade needed to **be even more inviting for students and campus.**
- ✓ **East façade was not discussed during presentation and needs further refinement** in regards to being the new east edge of campus.

# SOUTH FACADE



Current South Facade



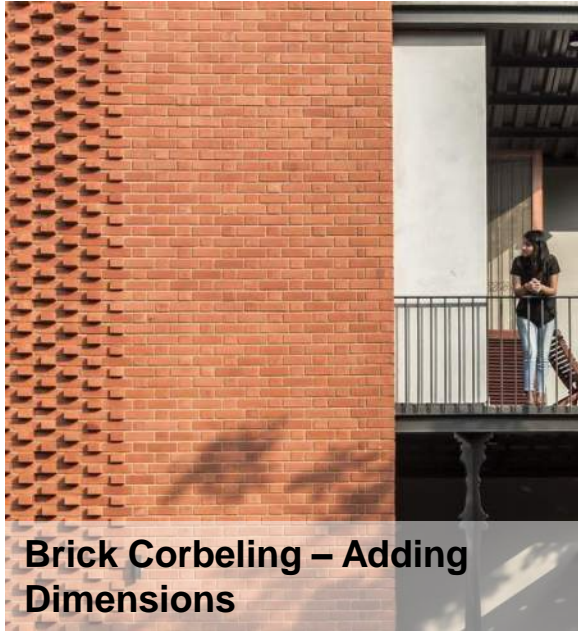
# NORTH FACADE



Current East Facade



# SOUTH FACADE



**Brick Corbeling – Adding Dimensions**

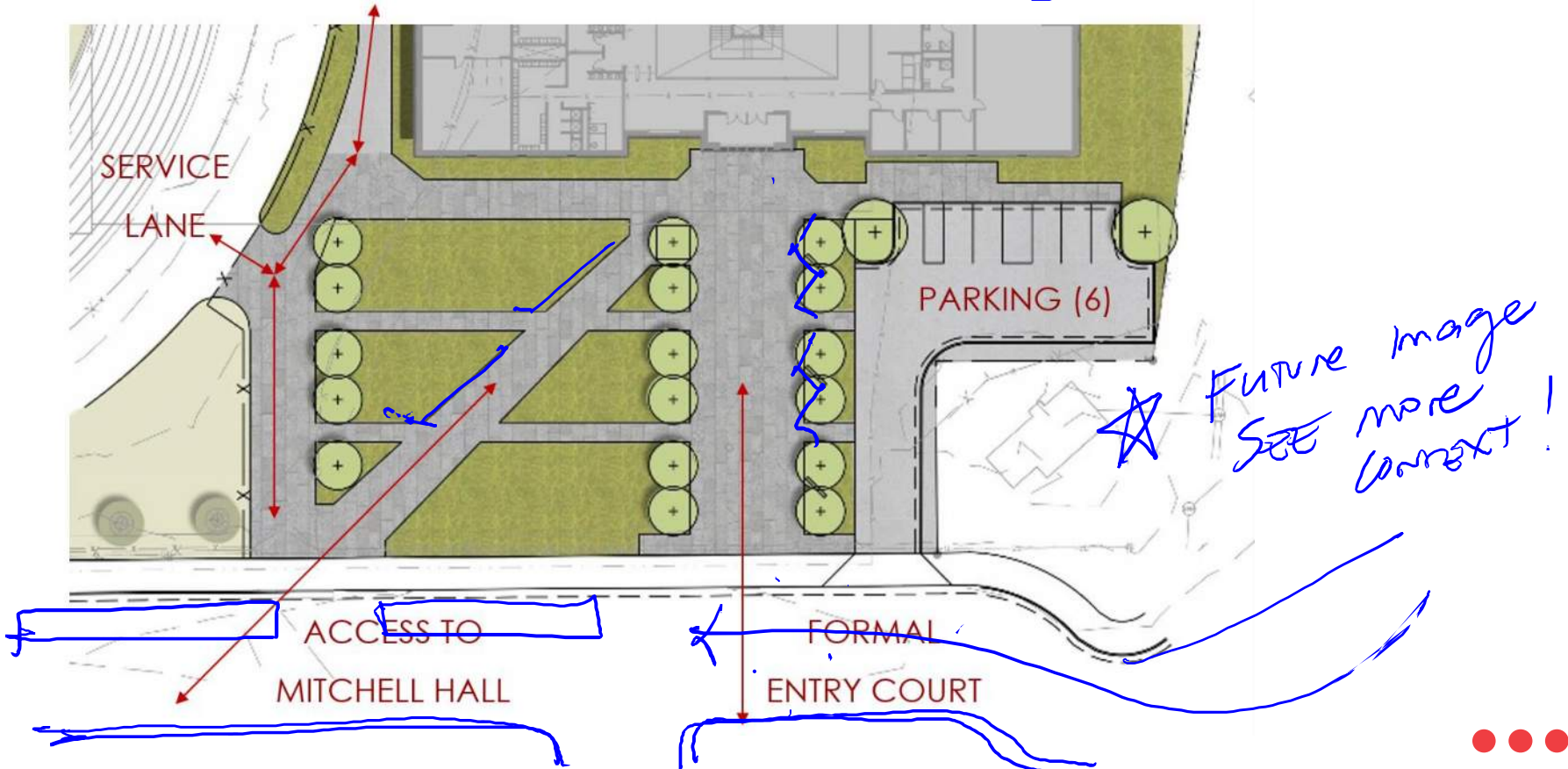


**Using Multiple Brick Blends And Finishes To Create Patterns**



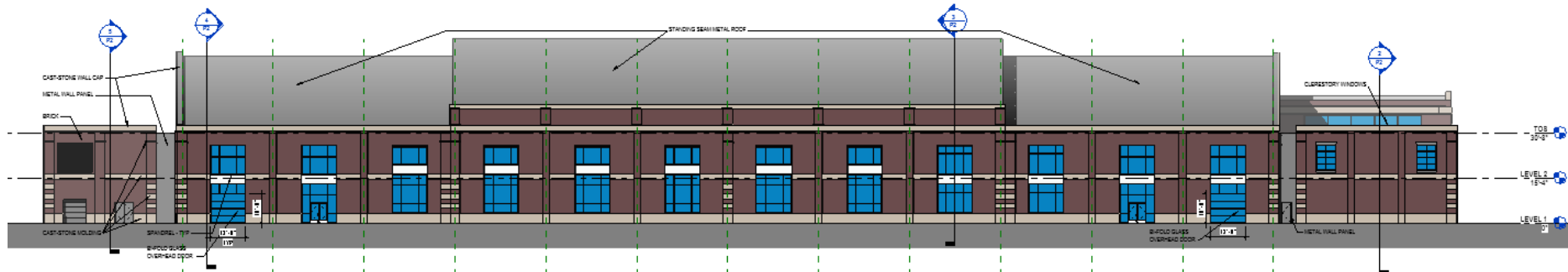
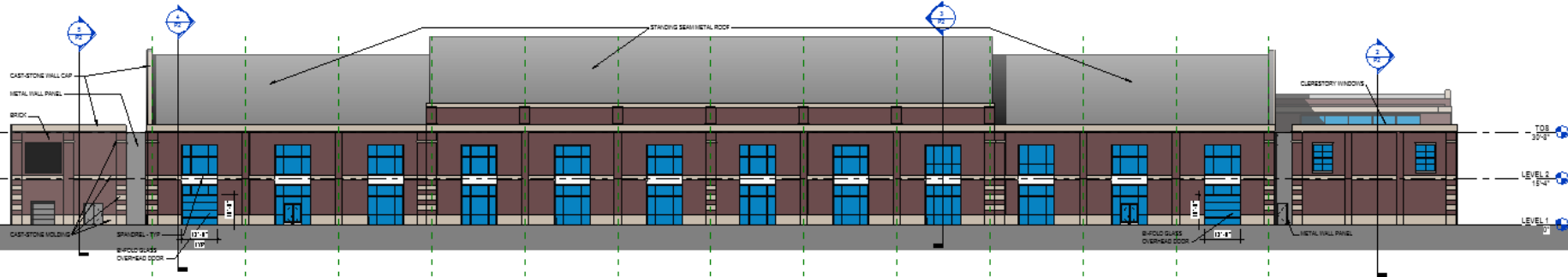
**Study Ratios Of Stones And Brick**

- **Site landscaping was not discussed presentation and need further development.**

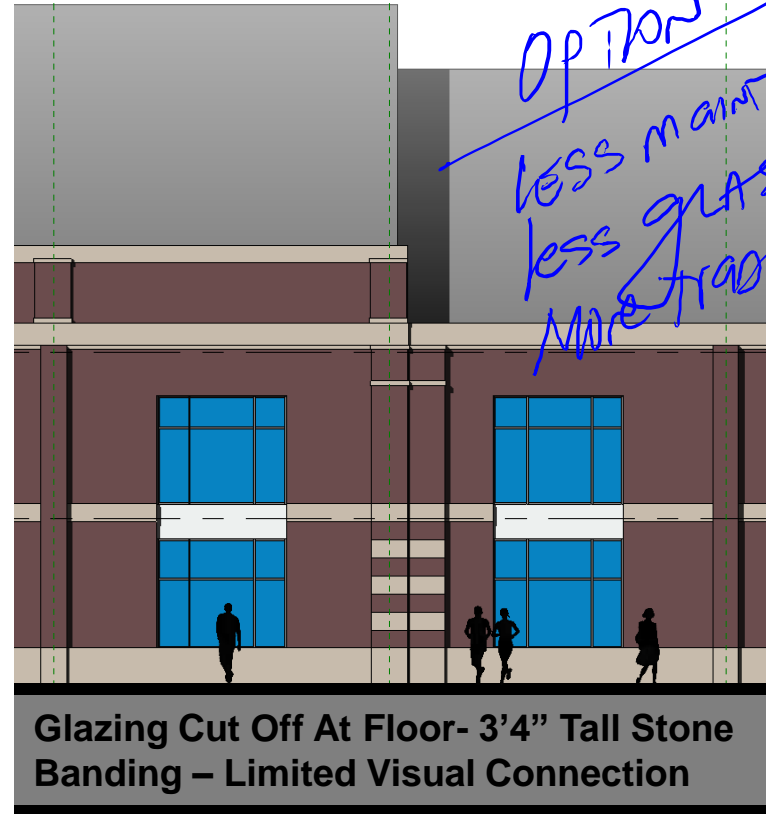
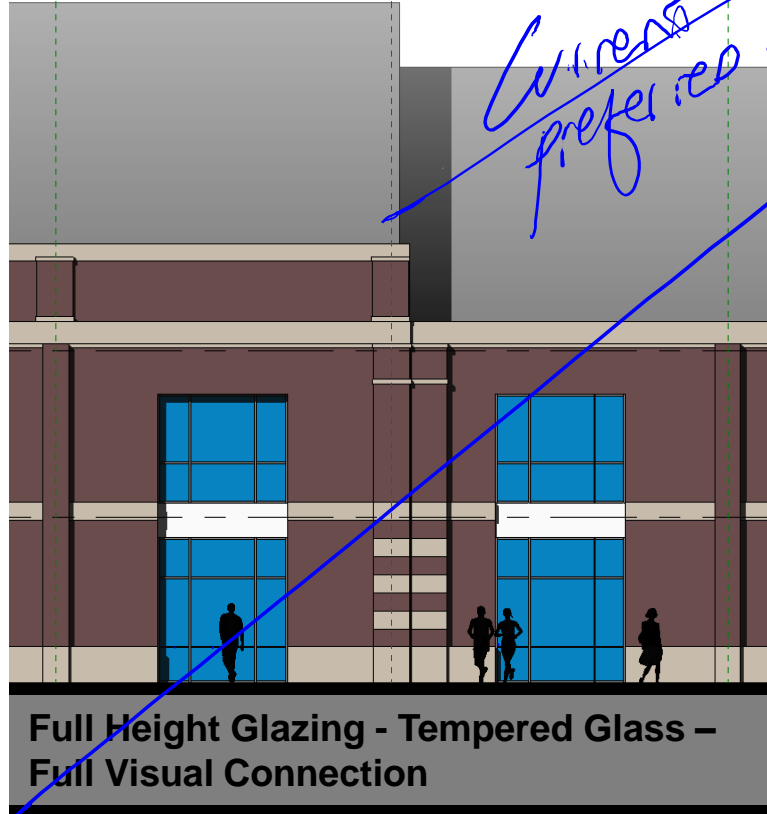


- **Glass near floor levels and both 1st and 2nd floor is a concern in term of impact and maintenance.**

# WEST FACADE



# WEST FACADE





# Coaches Meeting

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# Coaches Meeting

- The following slides depict important input and pending changes received from UWL Coaches on March 21, 2018.

**1| Fieldhouse – Basement Floor Plan**

- WOMEN'S TRACK: 100 LOCKERS
- SOFTBALL: 30 LOCKERS
- WOMEN'S LACROSS: 30 LOCKERS
- MEN'S TRACK: 80 LOCKERS

SHARED SHOWER/TOILET, SEPARATE ATHLETE LOUNGES

Seek to avoid shared showers / toilets between these two.

Increase to 6 Showers, min.

DAY LIGHTING    OUTDOOR    VISIBILITY    MULTI PURPOSE ●●●

**1| Fieldhouse – Field Events**

- 2 LONG / TRIPLE JUMPS
- 2 POLE VAULTS
- HIGH JUMP
- MOVABLE THROWS CAGE (Shot Put, Weight)
- OVERHEAD JOGGING TRACK

Removable floor plate for in-floor track circle

Show 70 M Club Sports Archery  
Show 30 – 40 M Recreational Archery

DAY LIGHTING    OUTDOOR    VISIBILITY    MULTI PURPOSE ●●●

**1| Fieldhouse – Recreation & Sport Clubs**

- 3 RECREATIONAL BBALL COURTS

Existing Sand Courtlines (SR) are great

Move the back further north?

PV Practice

PV Competition

Change courts to 94' length

Scaled drawing for UWL

DAY LIGHTING    OUTDOOR    VISIBILITY    MULTI PURPOSE ●●●

**1| Fieldhouse – Recreation & Sport Clubs**

- 3 RECREATIONAL BBALL COURTS
- 3 TENNIS COURTS
- 3 VOLLEYBALL COURTS
- 8 BADMINTON COURTS
  - 6 WITHIN MULTIPURPOSE
  - 2 WITHIN SPIKABLE AREA
- 2 BATTING CAGES (70' X 28')

Want to keep the whole area for baseball practice

DAY LIGHTING    OUTDOOR    VISIBILITY    MULTI PURPOSE ●●●

**1| Fieldhouse – Spectator Seating**

Might be too tight. Might need space in this area for 100 – 150 persons (80 Athletes, and Officials)

- 1,500 SPECTATOR SEATS
  - 940 TILT 'N ROLL BLEACHERS
  - 560 RETRACTABLE BLEACHERS

Confirm storage for Bleachers and Tilt-Roll

A lot of activity here. Pole vault equipment conflicts.

DAY LIGHTING    OUTDOOR    VISIBILITY    MULTI PURPOSE ●●●





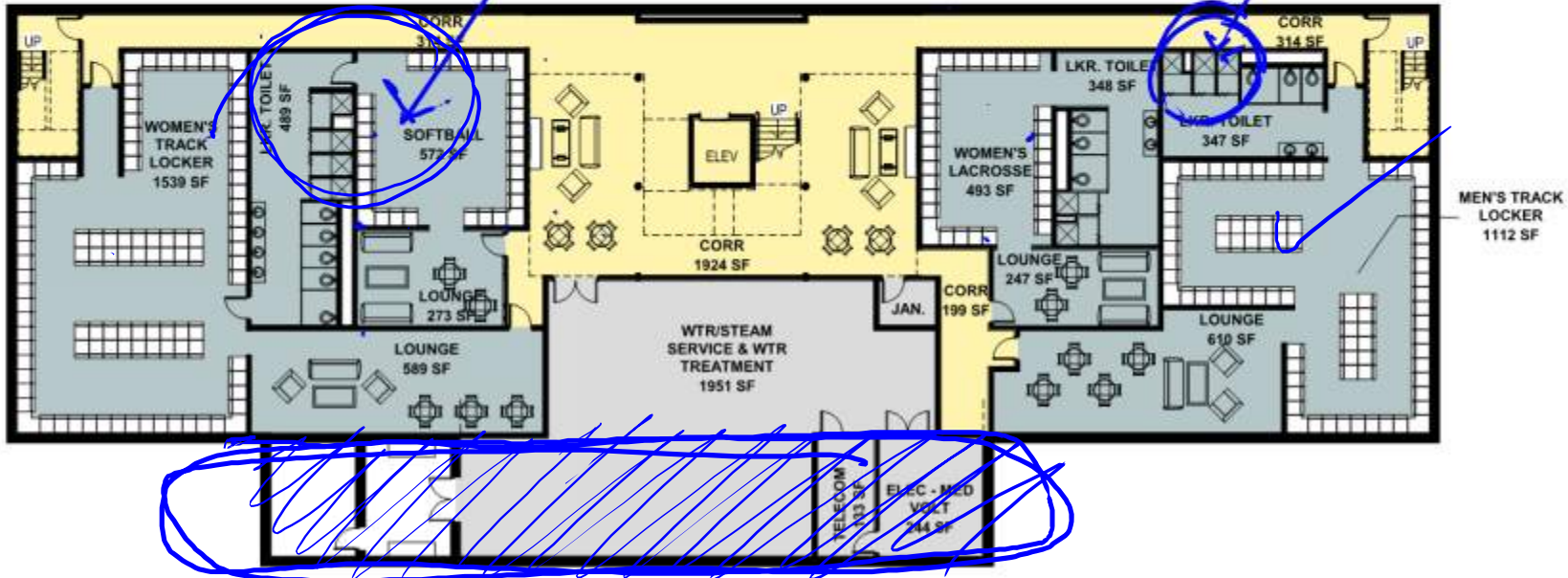
# 1 | Fieldhouse – Basement Floor Plan

- WOMEN'S TRACK: 100 LOCKERS
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- WOMEN'S LACROSSE: 30 LOCKERS
- MEN'S TRACK: 80 LOCKERS

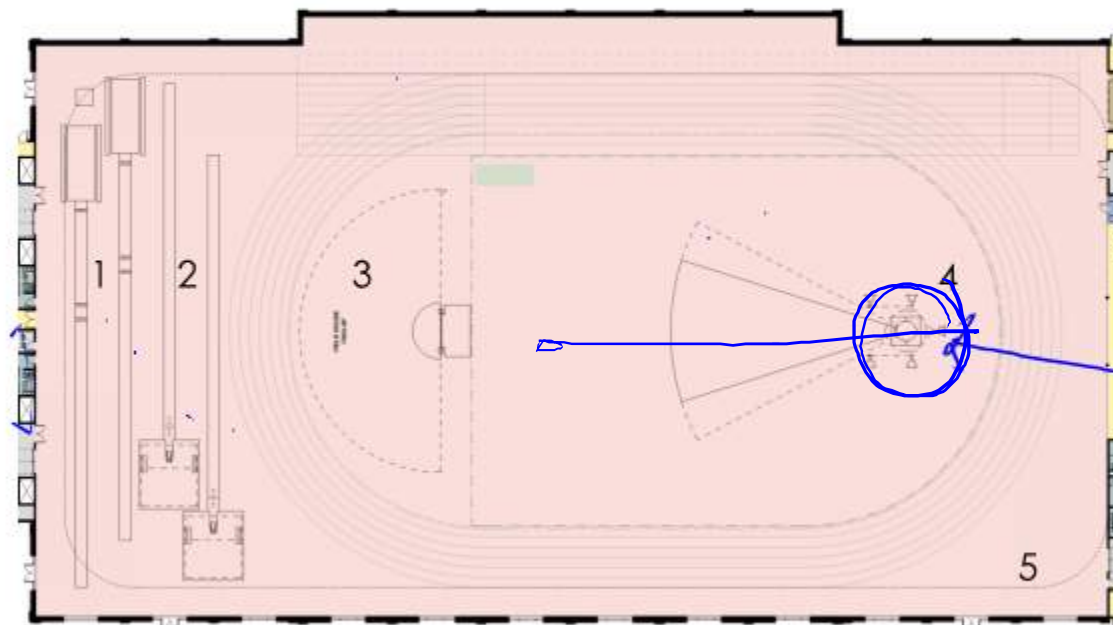
SHARED SHOWER/TOILET. SEPARATE  
ATHELETE LOUNGES

Seek to avoid shared  
showers / toilets between  
these two.

Increase  
to 6  
Showers,  
min.



# 1 | Fieldhouse – Field Events



1. 2 LONG / TRIPLE JUMPS
2. 2 POLE VAULTS
3. HIGH JUMP
4. MOVABLE THROWS CAGE (Shot Put, Weight)
5. OVERHEAD JOGGIN TRACK

Removable floor plate for in-floor throw circle

Show 70 M Club Sports Archery  
Show 30 - 40 M Recreational Archery

DAY LIGHTING

OUTDOOR

VISIBILITY

**MULTI PURPOSE**

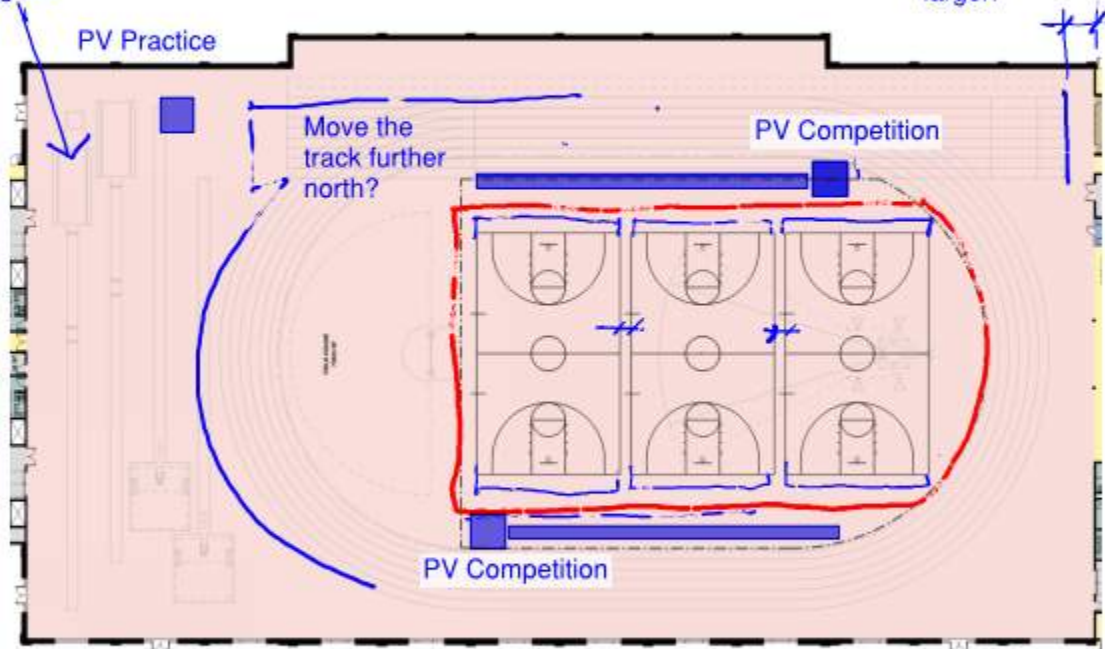


# 1 | Fieldhouse – Recreation & Sport Clubs

Existing Sand Catchers (Gill) are good

Too tight. Make larger.

- 3 RECREATIONAL BBALL COURTS



Change courts to 94' length ✓

SCaled drawing for UWL

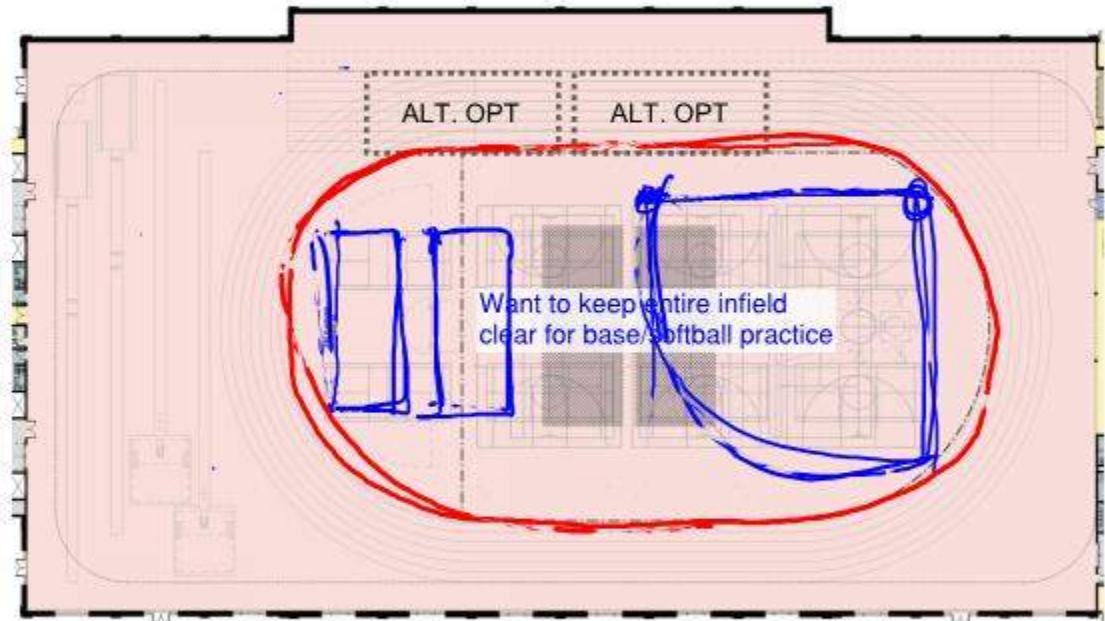
DAY LIGHTING

OUTDOOR

VISIBILITY

**MULTI PURPOSE**  
● ● ●

# 1 | Fieldhouse – Recreation & Sport Clubs



- 3 RECREATIONAL BBALL COURTS
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DAY LIGHTING

OUTDOOR

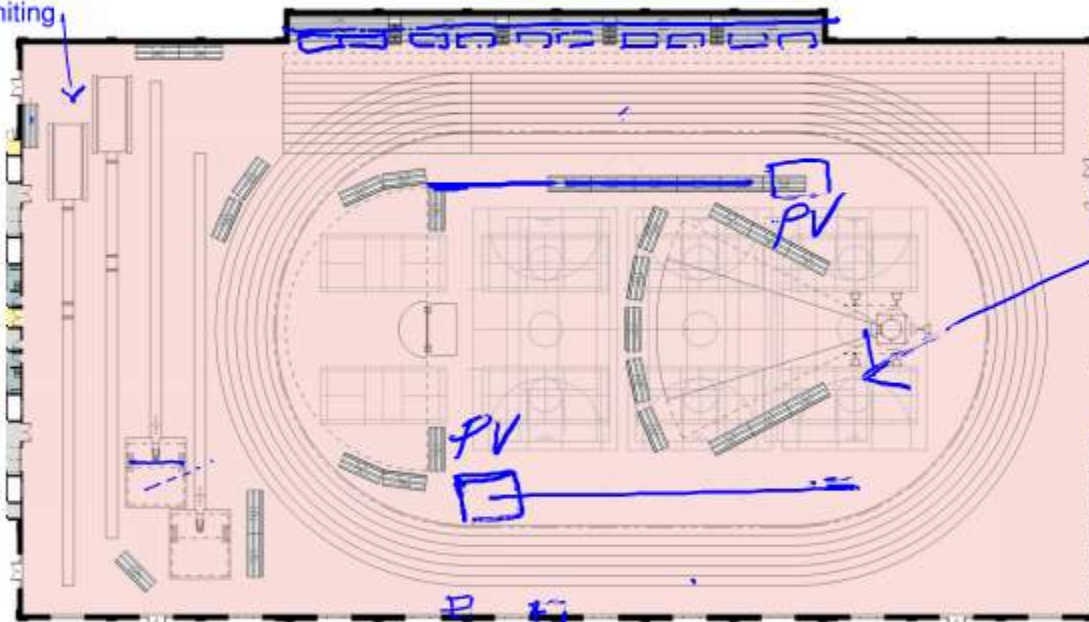
VISIBILITY

**MULTI PURPOSE**  
● ● ●

# 1 | Fieldhouse – Spectator Seating

Might be too tight. Might need space in this area for 120 -150 persons (80 Athletes, and Officials)

Limiting



- 1,500 SPECTATOR SEATS
  - 940 TILT 'N ROLL BLEACHERS
  - 560 RETRACTABLE BLEACHERS

Confirm storage for Bleachers and Tilt-n-Roll

A lot of activity here. Pole vault equipment conflicts.

DAY LIGHTING

OUTDOOR

VISIBILITY

MULTI PURPOSE





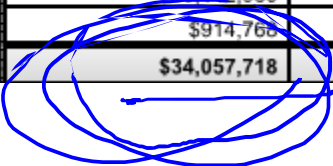
**Budget**

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# Budget | Estimate

- Total Construction Cost

#	BUILDING/AREA DESCRIPTION	TOTAL COST	COST RATIO
1	Field House 135,334 SF	\$33,142,950	97.31%
2	Soccer Support Building 2,576 SF	\$914,768	2.69%
<b>TOTAL CONSTRUCTION BUDGET</b> ⇨		<b>\$34,057,718</b>	<b>100.00%</b>



- Fieldhouse Detail

SUBTOTAL		\$26,406,500	\$195.12	79.67%
General Conditions	7.00%	\$1,848,455	\$13.66	5.58%
Design Contingency	10.00%	\$2,825,496	\$20.88	8.53%
Construction Permits	0.60%	\$186,483	\$1.38	0.56%
Contractor's Fee, Insurance & Bonds	6.00%	\$1,876,016	\$13.86	5.66%
<b>TOTAL CONSTRUCTION BUDGET</b> ⇨		<b>\$33,142,950</b>	<b>\$244.90</b>	<b>100.00%</b>

- Soccer Support Detail

SUBTOTAL		\$728,837	\$282.93	79.67%
General Conditions	7.00%	\$51,019	\$19.81	5.58%
Design Contingency	10.00%	\$77,986	\$30.27	8.53%
Construction Permits	0.60%	\$5,147	\$2.00	0.56%
Contractor's Fee, Insurance & Bonds	6.00%	\$51,779	\$20.10	5.66%
<b>TOTAL CONSTRUCTION BUDGET</b> ⇨		<b>\$914,768</b>	<b>\$355.11</b>	<b>100.00%</b>



# Budget | Options

*only for Core TEAM'S USE!*

## Additive Changes

- Add Six (6) Barrier Arm Optical Turnstiles
- Add Sheet Piling
- Add Environmental Graphics
- Add Site Furnishings
- Add Exterior Pylon Sign
- Add Donor Feature Walls in South Entry Plaza

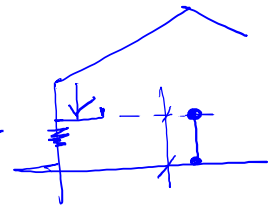
\$ 101,664  
\$ 733,521  
\$ 100,408 ✓  
\$ 35,522  
\$ 105,429  
~~\$ 94,133~~

*Report of Summary  
to BOSTON  
for Cathy*

## Deductive Changes

- Change Exterior Walls from Brick / CMU to Precast
- Reduce Height between floors from 15'-8" to 14'-8"
- Reduce Height between floors from 15'-8" to 14'-0"
- Change Scissors Truss to Cross-Ties, Pitch to 2.5%
- Eliminate Roof Offset at Clearstory
- Change Standing Seam Roof to EPDM w/ Ribs
- Reduce Basement Area

(\$ 485,165) — ?  
~~(\$ 171,009)~~  
~~(\$ 285,586)~~  
(\$ 251,021)  
(\$ 192,631)  
(no change)  
~~(\$ 456,267)~~



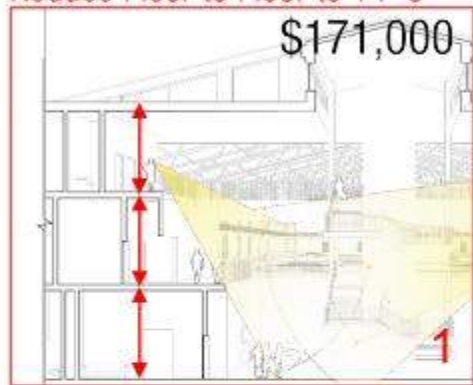
*SHOW TEAM  
examples EACH*



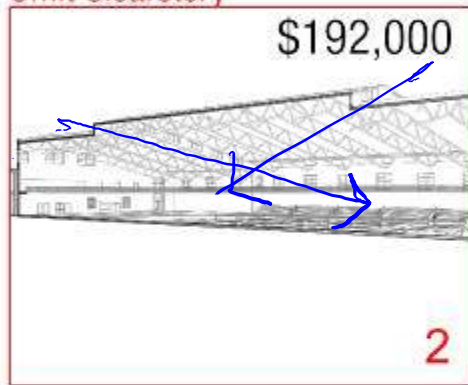
# 1 | Fieldhouse & Soccer Support – Budget

- STRATEGIES IN CONSIDERATIONS:

Reduce Floor to Floor to 14'-8"



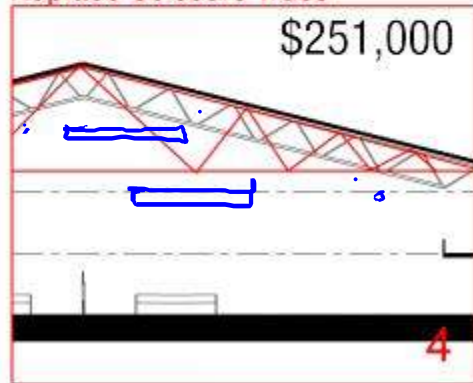
Omit Clearstory



Replace Metal Roof



Replace Scissors Truss



Reduce Lockers Quantity



Insulated Precast Panels





**Logistics**

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# Logistics

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**Other Topics**

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## Other Topics

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- May kit
- Various B/u Reviewer info -  $\swarrow$   $\begin{matrix} \text{Costing} \\ \text{price examples} \end{matrix}$
- DATE Sep 3 may - Scott
- 
- 
- 
-



**Wrap Up**

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# Wrap Up

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**Create. Meaning. Together.**

