

# **Stoneham High School**

## **Site Design**

**December 20, 2021**

# Site Drivers



## Place

The Fells landscape is an integral part of what makes the site unique as it envelops the property.

- Woods
- Stone Outcroppings
- Wetlands
- Vistas
- Unique flora



## People

The culture of the place is driven by the diverse user groups that use this destination as a central resource for events, work, learning, and celebration.

- Staff
- Students
- Community



## Performance

The site performs in multiple ways to meet the goals of operations as well as to stand the test of time.

Stewards of the Site

-Environment, Maintenance, Cost

Access for Everyone

-Accommodating different user groups.

Program Alignment

-Efficiencies in layout

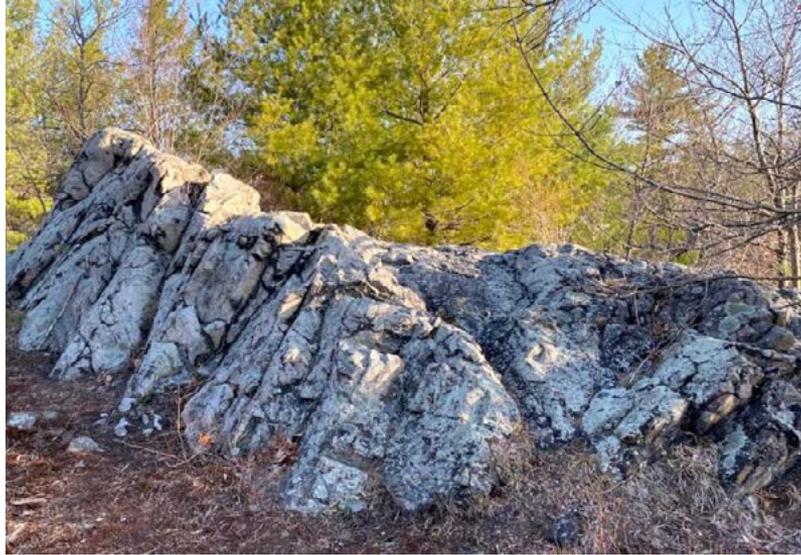
# Inspiration - Diverse Canopy



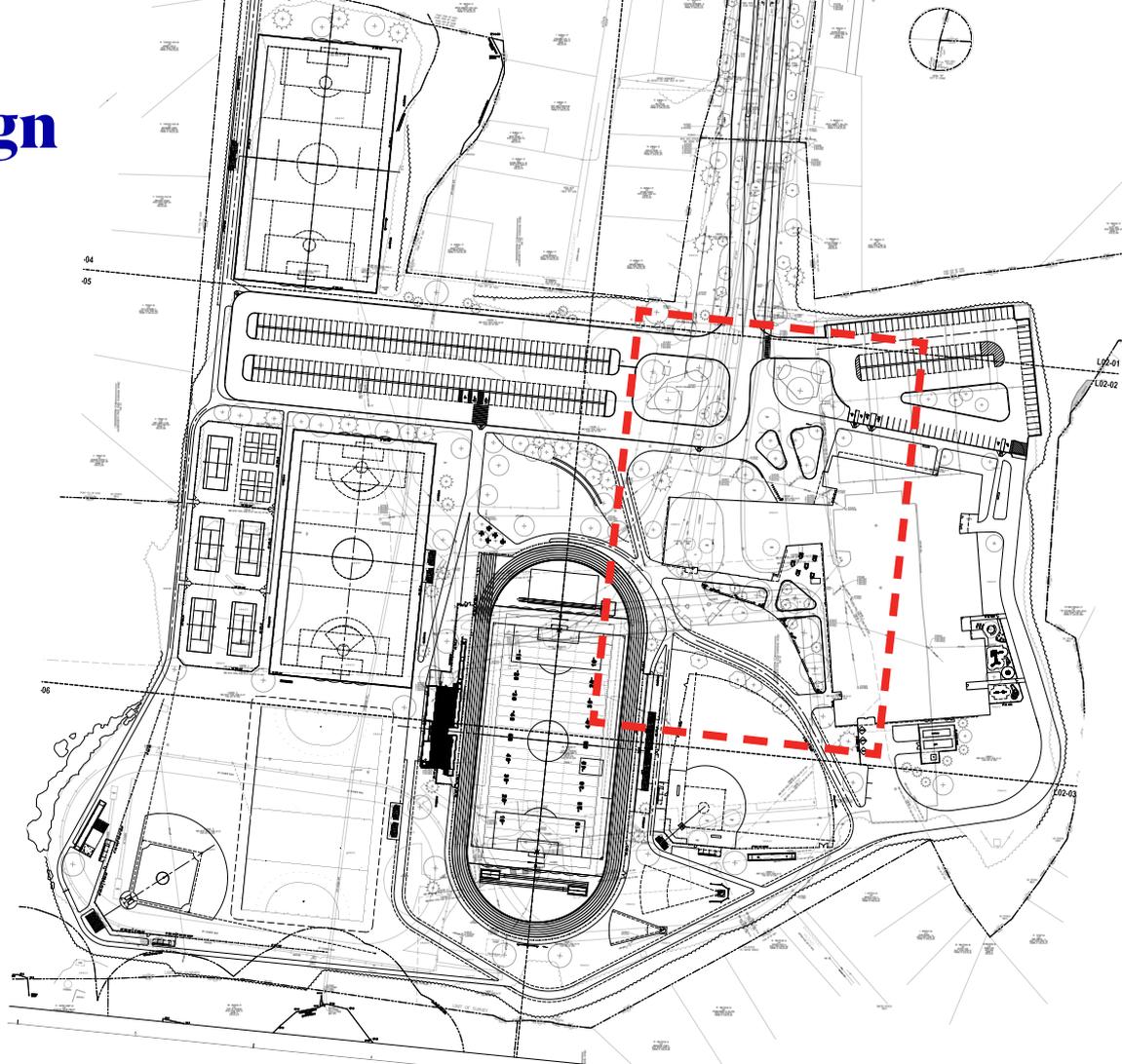
# Inspiration - Framed Views



# Inspiration - Rich Character / Textures



# Schematic Design



# Site Plan



# Precedent Imagery



Planted Islands with Seating



Outdoor Dining and Collaboration Areas



Key Views to and from the Building

# Site Plan



# Site Program

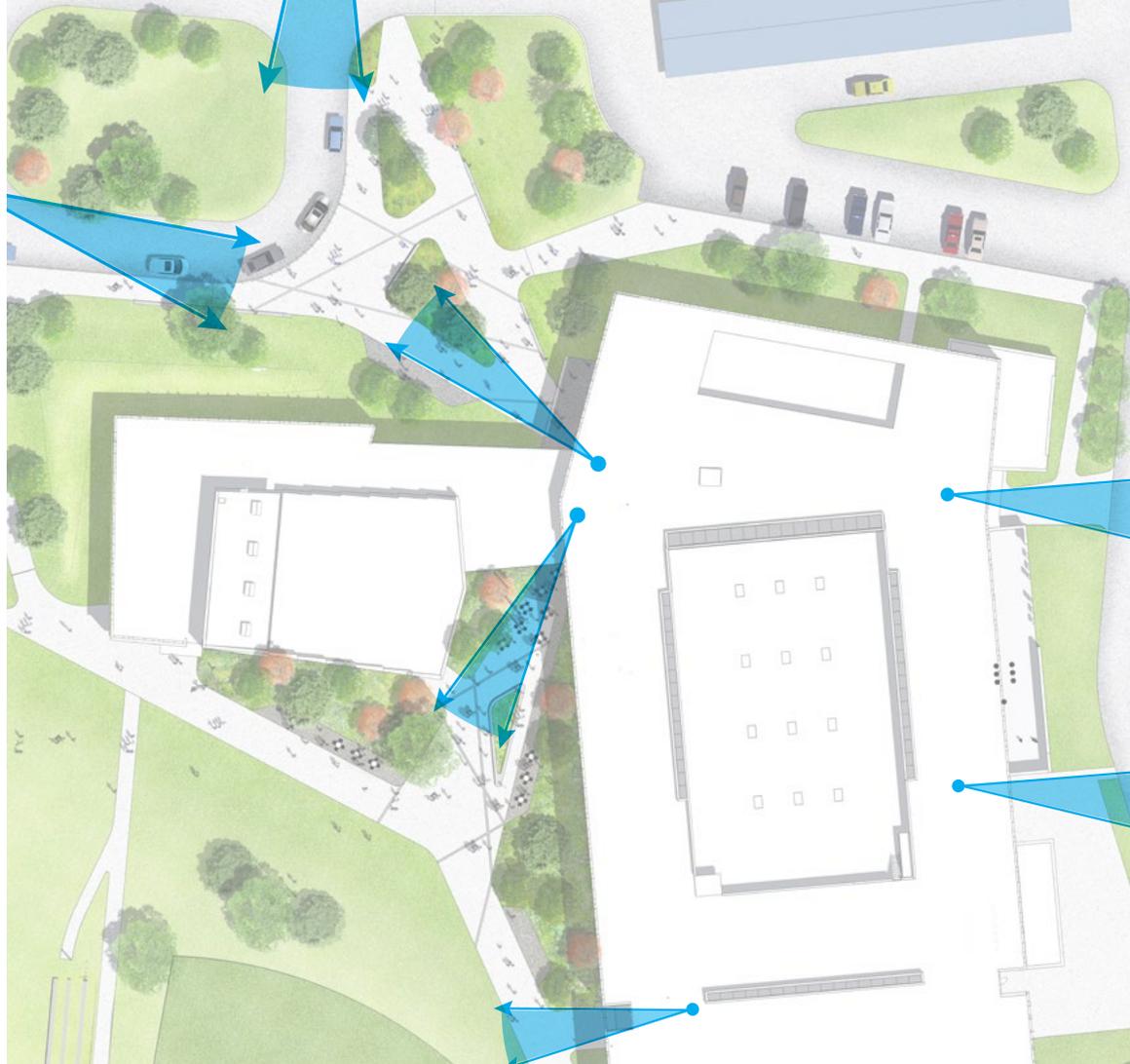
The program is designed to be inviting, flexible, and inclusive with a focus on function.

- 1. ENTRY / DROP- OFF PLAZA
- 2. BICYCLE STORAGE
- 3. DINING TERRACE
- 4. EVENT PLAZA
- 5. COLLABORATION PODS
- 6. ACTIVE LAWN / 'QUAD'



# Key Views

Safety is paramount for the success of the campus. The design thoughtfully frames views to welcome all visitors to Stoneham High School and to ensure the students and staff are safe and secure.







# Materials

The Materials Palette for Stoneham Highschool is to be simple, functional, and knitted to the Fells Landscape.



Boulders / Stone Outcroppings



Decomposed Granite / Stone Dust



Concrete



Precast Concrete

# Planting

The Planting Palette for Stoneham Highschool is to be native / native adaptive, low maintenance, and knitted to the Fells Landscape.



White Oak



Bearberry



Red Maple



American Beech



White Pine

Planting to consist of over 20 tree species to create long lasting vision.  
Shrub planting to be more limited for ease of care.



# Stoneham High School

## Department Programming

**PROGRAMMING MEETING  
DECEMBER 14, 2021 VIA GOOGLE MEETS**

**IN ATTENDANCE:**

- DAVID PIGNONE
- JOHN MACERO
- BRYAN LOMBARDI
- JOEL SEELEY
- DAVID WARNER
- BROOKE TRIVAS
- STEPHEN MESSINGER
- MIRELLE BOTROS

## Health and Physical Education

- Gymnasium with Gymnastics
- Gymnastics Storage
- PE Alternatives - Fitness, Conditioning, Strength
- Athletics Storeroom (indoor track, high jump, BB Scoring, chairs)
- PE Locker Rooms
- PE Storage
- Athletic Director's Office, Secretary, Conference Area
- Team Room
- PE Office Male and Female (2 staff each)
- Male Athletic Coaches (1 office / 8 coaches) shower + toilet
- Female Athletic Coaches (2 offices / 3 coaches) shower + toilet
- Training Room w/ storage
- Equipment Room: laundry, sports equipment storage

December 14, 2021 - REVISION 03  
May 24, 2021 - REVISION 02  
April 30, 2021 - REVISION 01  
March 30, 2021



December 14, 2021 - REVISION 03  
May 24, 2021 - REVISION 02  
April 30, 2021 - REVISION 01  
March 30, 2021

**ACTION ITEMS:**

**STONEHAM HIGH SCHOOL:**

- MARK UP STRIPING PATTERNS AND RETURN TO PW.
- CONFIRM TYPE OF LOCKERS AT LOCKERS.

**PERKINS&WILL:**

- SEND TWO FULL SIZE STRIPING PLANS TO SHS.
- REVIEW RELOCATING AD OFFICE AT CORNER FOR BETTER SUPERVISION AND SITE LINES.
- PROVIDE RECOMMENDATION ON RESILIENT RUBBER FLOORING AT BASKETBALL COURTS 1 & 3 AND HARDWOOD FLOORING FOR ONLY MAIN COURT.
- REVIEW CONVENTIONS AND STANDARDS WITH SPORTS PRACTICE REGARDING SCORERS TABLE PROXIMITY TO COURT LINES RELATIVE TO SAFETY.
- LOCATE SCOREBOARDS IN ELEVATION FOR REVIEW.
- REVIEW STRUCTURAL REQUIREMENTS FOR FUTURE ROCK WALL.
- LAY OUT UNEVEN BARS WITH PROPER CLEARANCES AT GYMNASTICS.
- REVIEW CHEER MATS STORAGE LOCATION.
- REVIEW WITH CODE CONSULTANT IF TEAM ROOMS CAN BE CLOSED OFF AT LOCKERS.
- REVIEW SHS REQUEST FOR AN EXTERIOR DOOR AT EQUIPMENT ROOM.
- REVISE LAYOUTS AT CONCESSIONS.
- REVIEW WITH SHS ACCESS LEVEL 00 TO FIELDS.

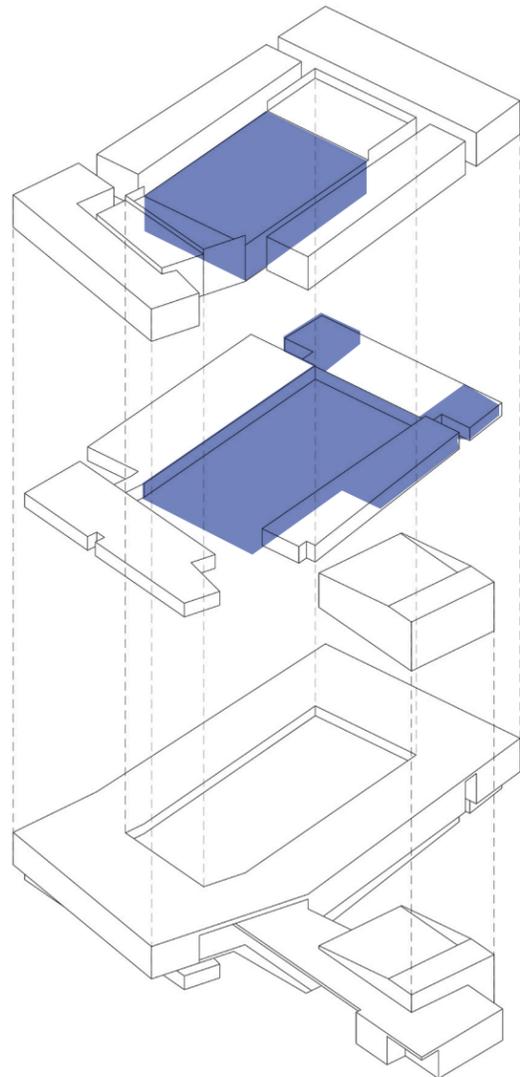
**WARNER LARSON:**

- PREPARE A PLAN MARKUP SHOWING ALL FENCING, NETTING AND GATE LOCATIONS AND HEIGHTS.

**Space Summary**

HS Building

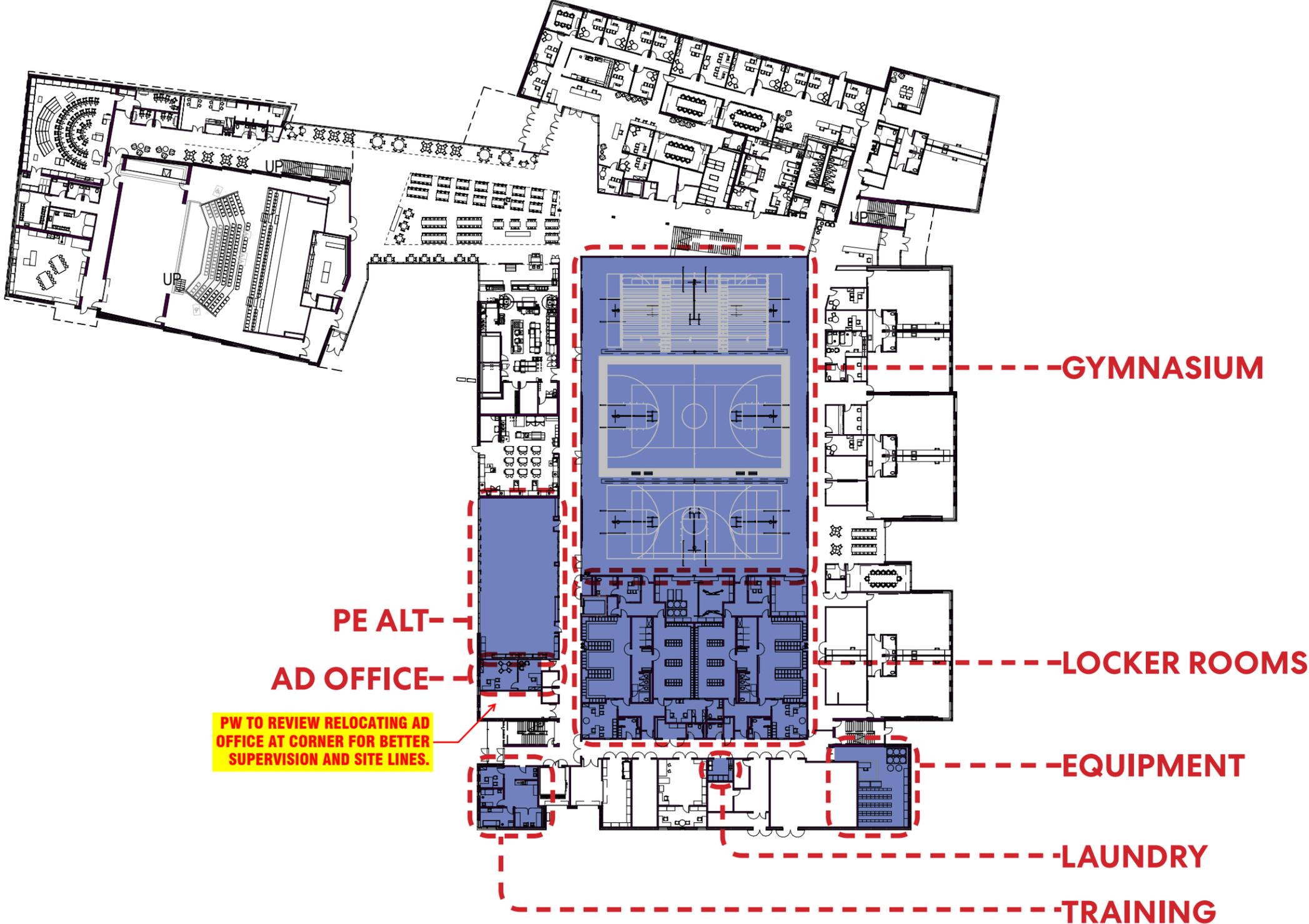
Health & PE



ROOM TYPE	ROOM NFA	# OF RMS	AREA TOTALS
<b>Gymnasium with Gymnastics</b>	<b>16,000</b>	<b>1</b>	<b>16,000</b>
<b>Gymnastics Storage</b>	<b>300</b>	<b>1</b>	<b>300</b>
<b>PE Alternatives</b>	<b>3,000</b>	<b>1</b>	<b>3,000</b>
<b>Athletics Storeroom</b>	<b>500</b>	<b>1</b>	<b>500</b>
<b>PE Locker Rooms</b>	<b>1,100</b>	<b>2</b>	<b>2,200</b>
<b>PE Storage</b>	<b>400</b>	<b>1</b>	<b>400</b>
<b>Athletic Director's Office, Secretary, Conference Area</b>	<b>400</b>	<b>1</b>	<b>400</b>
<b>Team Room - Male</b>	<b>1,150</b>	<b>1</b>	<b>1,150</b>
<b>Team Room - Female</b>	<b>1,150</b>	<b>1</b>	<b>1,150</b>
<b>PE Office</b>	<b>250</b>	<b>2</b>	<b>500</b>
<b>Athletic Coaches - Male</b>	<b>300</b>	<b>1</b>	<b>300</b>
<b>Athletic Coaches - Female</b>	<b>300</b>	<b>1</b>	<b>300</b>
<b>Training Room w/ Storage</b>	<b>700</b>	<b>1</b>	<b>700</b>
<b>Equipment Room: Laundry, Sports Equipment Storage</b>	<b>1,200</b>	<b>1</b>	<b>1,200</b>

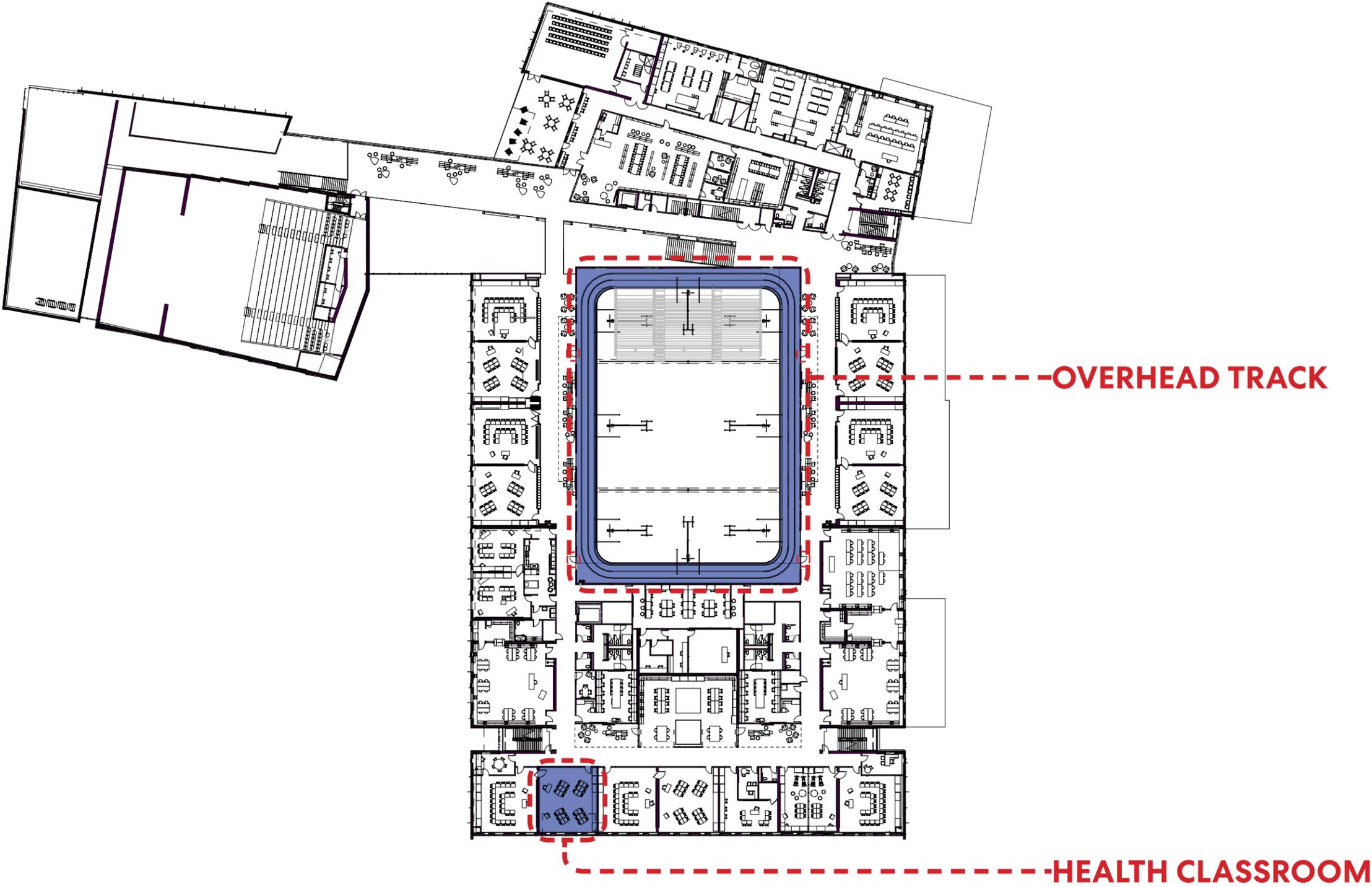
Overall Plan

FIRST FLOOR PLAN



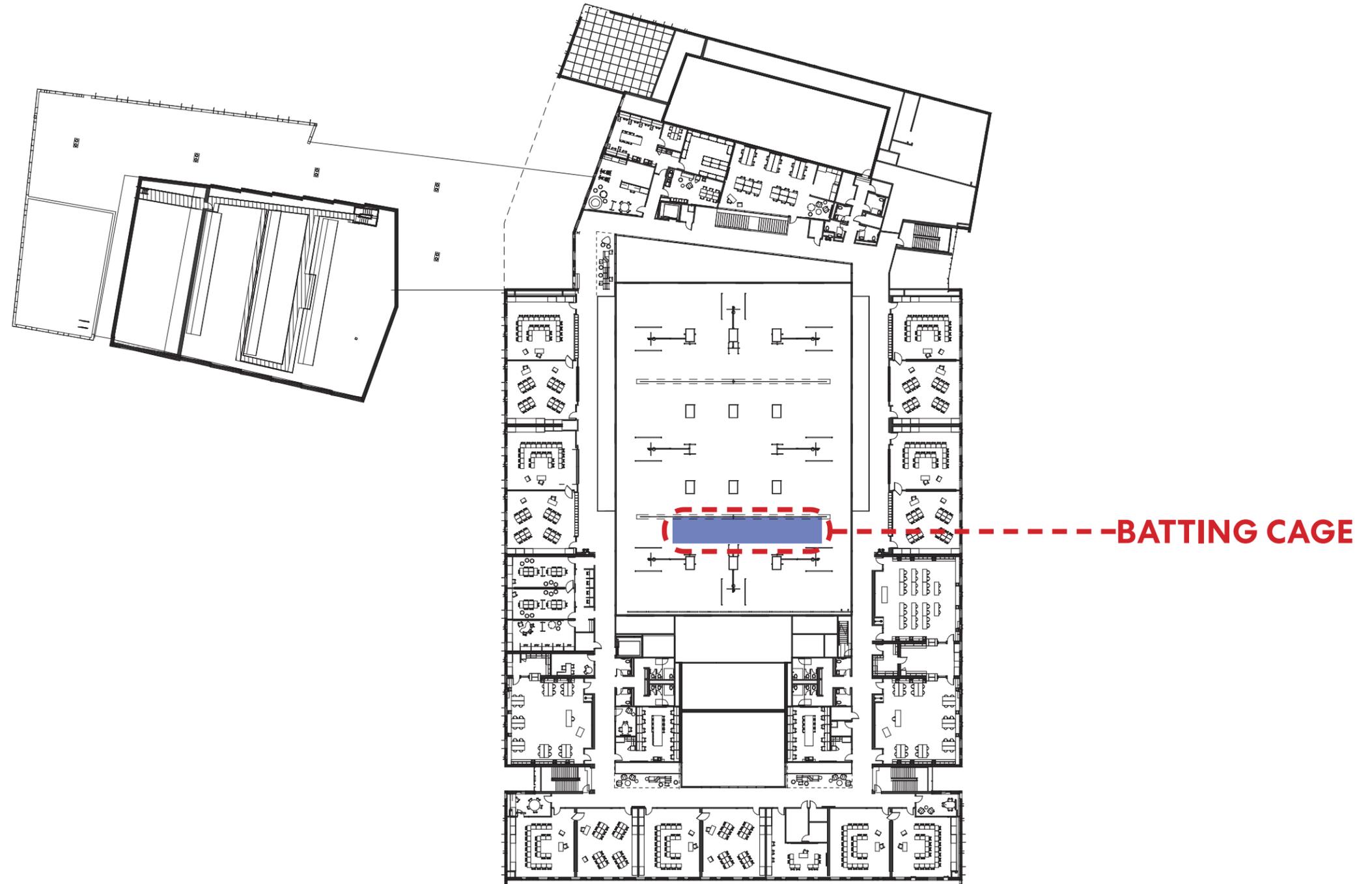
Overall Plan

SECOND FLOOR PLAN



Overall Plan

THIRD FLOOR PLAN



Programming Plan Layouts

Gymnasium Survey

• 20-30 [students] but can go to 36 with possibilities of 3 classes at same time

• All sorts of sports and games moments when we show video as part of instruction

Health Physical Education

**Stoneham High School**  
 Department PE ALTERNATIVES  
 Project Number 153010.00  
 Date  
 Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

**Perkins&Will**

**Program Survey**

No.	Item	Comments
1	What is your typical gym class size? Let us know if you have a variety of class sizes?	20-30 but can go to 36 with possibility of 3 classes at same time with 3 different teachers so gym could have at total of 90-100 in gym for same block not to mention course athletic teams, which would include many large teams but indoor track being the largest of possibly 70 male and 70 female at same time 140 track athletes
02	Do you have a teacher's aid? If yes, how many?	no
03	Please describe the programs/ activities for the space.	all sorts of sports and games moments when we show video as part of instruction.
04	What are your storage needs? Please describe what you need to store in your space? Be specific.	storage for all PE equipment...table tennis tables, nets, balls, raquets, etc
05	Do you need a desk top copier? Full size?	no
06	What type of physical filing requirements do you have beyond two/ 3 drawer files? Fire-rated? What is the use of these files?	nothing
07	Do you need a surface to pin-up visuals, work, for teaching and learning? Quantity?	yes, couple throughout gym for teachers to hang relevant posters
08	Do you need a marker board in any of your spaces?	yes
09	What are your furniture needs in the spaces for surfaces? Desks, Tables, Work tables, Group work, Individual work?	nothing Bleachers need to be discussed
10	Do you have any specific seating requirements in any of the spaces?	bleachers what wall can we put them on? can we have multiple walls with rollout bleachers? what will the spectator max seating be?
11	Do you meet with parents, students, faculty in your space? If so how many?	yes, very often can be whole school at times Pep rally, graduation, pre season athletic meetings, Parent meetings
12	In your spaces what are your desk needs? Tables, individual desks, desk top material, on wheels/movable?	no desks in gym
13	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor?	sound system, smart boards, projector, score boards possibly 2, shot clocks, volley/ball standards hole in the floor for multiple courts, camera system for live streaming should possibly speak with cable tv in town to see if something can be installed now to televise games and or send out on internet live stream like youtube etc... we have learned a lot this pandemic about not having specatotr and livestreaming games has been a huge
14	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor? Power Requirements? Water? Ventilation? (ATTACH A LIST)	will need internet access both plug in and wifi multiple plug ins for many things again livestreaming etc...
15	We are trying to reduce plug loads in the building which means not having a dedicated refrigerator, freezer, microwave, cook top etc...in your space. Let us know what is necessary for teaching + learning and the space use. Let us know what you think is necessary here.	nothing
16	What room/classroom would you benefit from having a critical adjacencies ?	a classroom almost lab would help when doing some units in PE. Something taht has been over looked but a PE lab brings us into the future for PE almost a break out room for Phys ed can use for class instructions, small yougo class, stratching, watching videos in a much better settign than the gym itself
17	How and or why do you use computers in your room? Laptop or desktop?	will bring out laptops and chromebooks into gym
18	Attach any aspirational images you have for your space you would like to share.	nice open and bright gym, sound system for music and announcements.
19	Provide additional comments here.	Need to know what wall will be glass and what walls will be solid, so we can then figure out where the bleachers are. Which will then determine where

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Health Physical Education

	<p>Out in gym LOBBY if there is such a thing in the new building we need to think about where we do put our trophy cases. We have a Hall of fame that has a plaque displaying all of our inductees. Where does that go. Are there other options that will be discussed? Would love a large monitor to display all of the athletic information connected to internet so can update. Info such as schedules and upcoming events etc... also wehre in the gym do we hang our championship banners? with suspended track and glass walls we are limited also for gym and for atleast the stadium I seen this email "about hudl focus outdoor camera that is set up for all the video taping of games you can imagine. I would love to set us up for future ability to video games live stream games, graduation and any other event by making sure cameras, audio and what ever else technology is in place to make this capable and easy</p>
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# Programming Plan Layouts

## Gymnasium Follow-up Questions

• Basektball and gymanstics are in the same season which means the main court needs to be availalbe every day.

• I envision our team benches and game table to be set up on the opposite side of the bleachers.

Health Physical Education

Stoneham High School  
 Department: EQUIPMENT ROOM (laundry, storage)  
 Project Number: IS2010.00  
 Date:  
 Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

Perkins&Will

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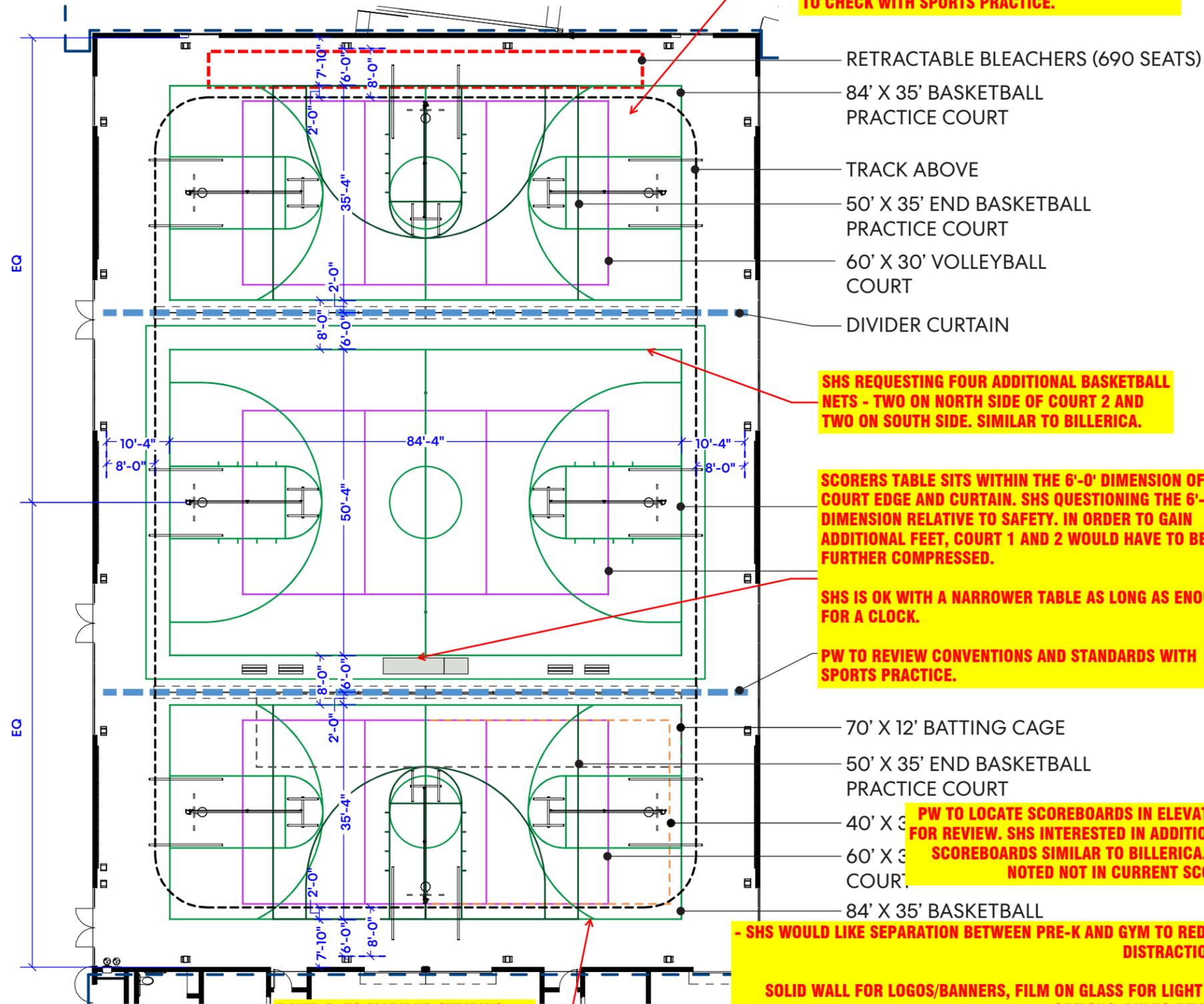
Program Survey

No.	Item
1	<p>GYM</p> <p>Can we confirm if this gym layout will work for your PE educational needs? In this layout, the main court is in the middle while smaller size practice courts to sides. All three courts can be divided by divider curtains. The gymnastics mat is located on the competition court and will be removed when the court is needed, would you please provide your comments and concerns regarding this layout.</p>

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Programming Plan Layouts

Gymnasium Layout



**PW TO PROVIDE RECOMMENDATION ON RES RUBBER FLOOR AT COURTS 1 & 3 AND HARDWOOD FLOOR FOR ONLY MAIN COURT. NOTE: DIFFERENT CONSTRUCTION, DIFFERENT SLAB CONSTRUCTION DEPTH (MEDFORD HIGH IS AN EXAMPLE). PW NEED TO CONSIDER TRANSITION. PW TO CHECK WITH SPORTS PRACTICE.**

**SHS REQUESTING FOUR ADDITIONAL BASKETBALL NETS - TWO ON NORTH SIDE OF COURT 2 AND TWO ON SOUTH SIDE. SIMILAR TO BILLERICA.**

**SCORERS TABLE SITS WITHIN THE 6'-0" DIMENSION OF THE COURT EDGE AND CURTAIN. SHS QUESTIONING THE 6'-0" DIMENSION RELATIVE TO SAFETY. IN ORDER TO GAIN ADDITIONAL FEET, COURT 1 AND 2 WOULD HAVE TO BE FURTHER COMPRESSED.**

**SHS IS OK WITH A NARROWER TABLE AS LONG AS ENOUGH FOR A CLOCK.**

**PW TO REVIEW CONVENTIONS AND STANDARDS WITH SPORTS PRACTICE.**

**PW TO LOCATE SCOREBOARDS IN ELEVATION FOR REVIEW. SHS INTERESTED IN ADDITIONAL SCOREBOARDS SIMILAR TO BILLERICA. PW NOTED NOT IN CURRENT SCOPE.**

**- SHS WOULD LIKE SEPARATION BETWEEN PRE-K AND GYM TO REDUCE DISTRACTIONS. SOLID WALL FOR LOGOS/BANNERS, FILM ON GLASS FOR LIGHT ARE OPTIONS. PW TO REVIEW. PW TO REVIEW STRUCTURAL REQUIREMENTS FOR FUTURE ROCK WALL.**

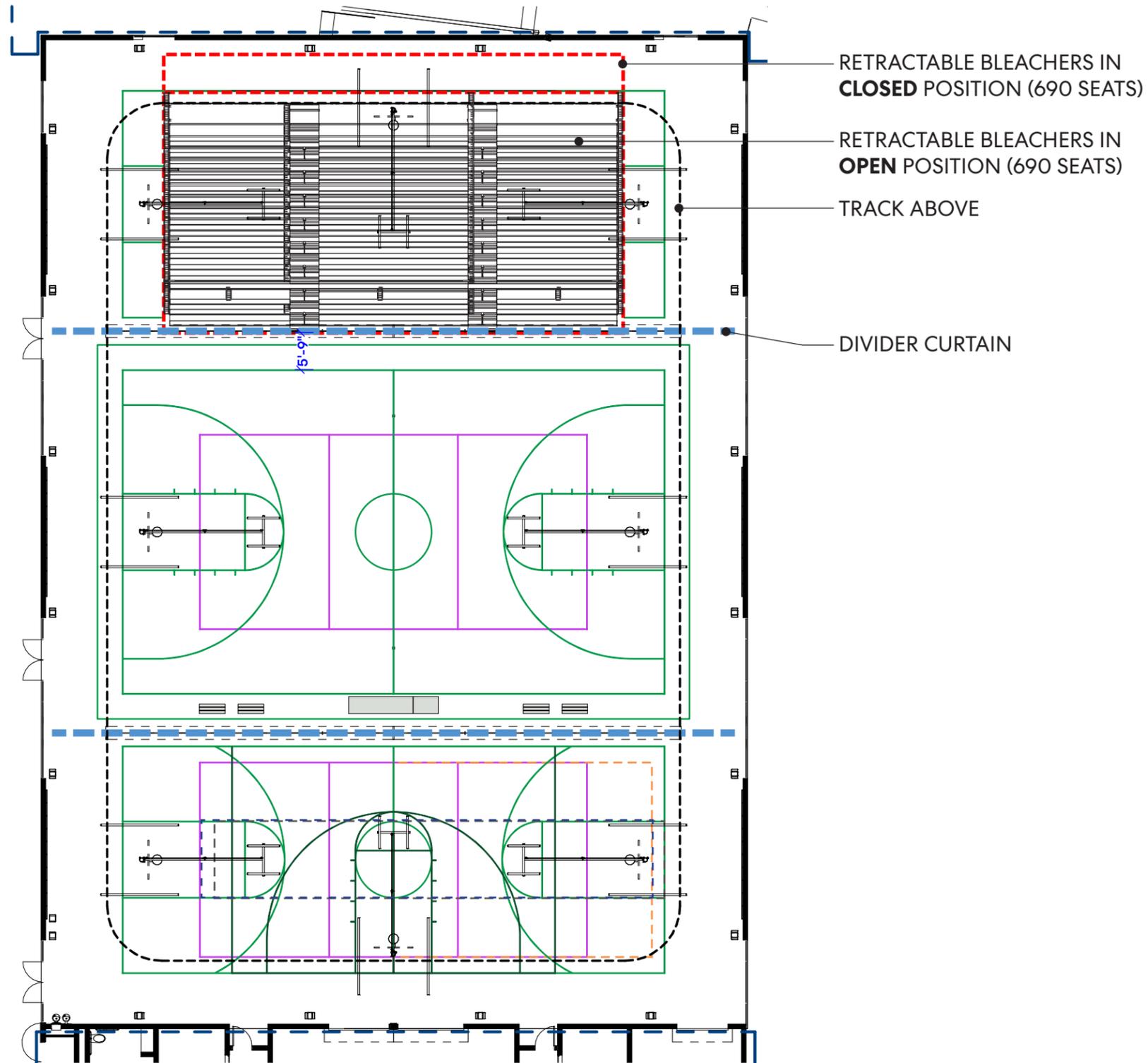
**DAVID P. TO MARK UP STRIPING PATTERNS. PW TO SEND TWO FULL SIZE PLANS.**

**Gymnasium Layout Client Feedback:**

- All three courts should have basketball lines, volleyball lines, as well as the inserts in the floor for the volleyball poles.
- The gymnastics floor can NOT go on the main court. All gymnastics equipment must go on the side court closest to the locker rooms for many reasons.
- Ensure when the divider curtain at the main basketball court comes down between the side court and the main court that there is still enough room for team benches and a game table, without impeding the safety of the game.
- Would like to work on getting better access to the suspended track, something better than having to go outside the gym and then up the stairs. Is there any way to provide a staircase inside the gym?
- Suggests to have 6 basketball hoops that would go on each end of all 3 courts.
- Needs one master switch that can raise and lower ALL baskets at one time (possible choosing which ones to leave alone).
- Would like to have two things be stored and hung from the ceiling: a baseball/softball batting cage as well as the cheer/gymnastics mats.
- Would like to have a good discussion about what walls we have and how we use them for either hanging banners or school logo's or statements such as "Spartan Strong."
- Needs to discuss location for school hall of fame plaque and scoreboards. Would like a similar condition as Billerica.
- Strongly wants the wall that abuts the Pre-K to be solid so that there is zero interaction or visibility to them or to us from them. Suggests this wall to be used for logo or banners etc...

# Programming Plan Layouts

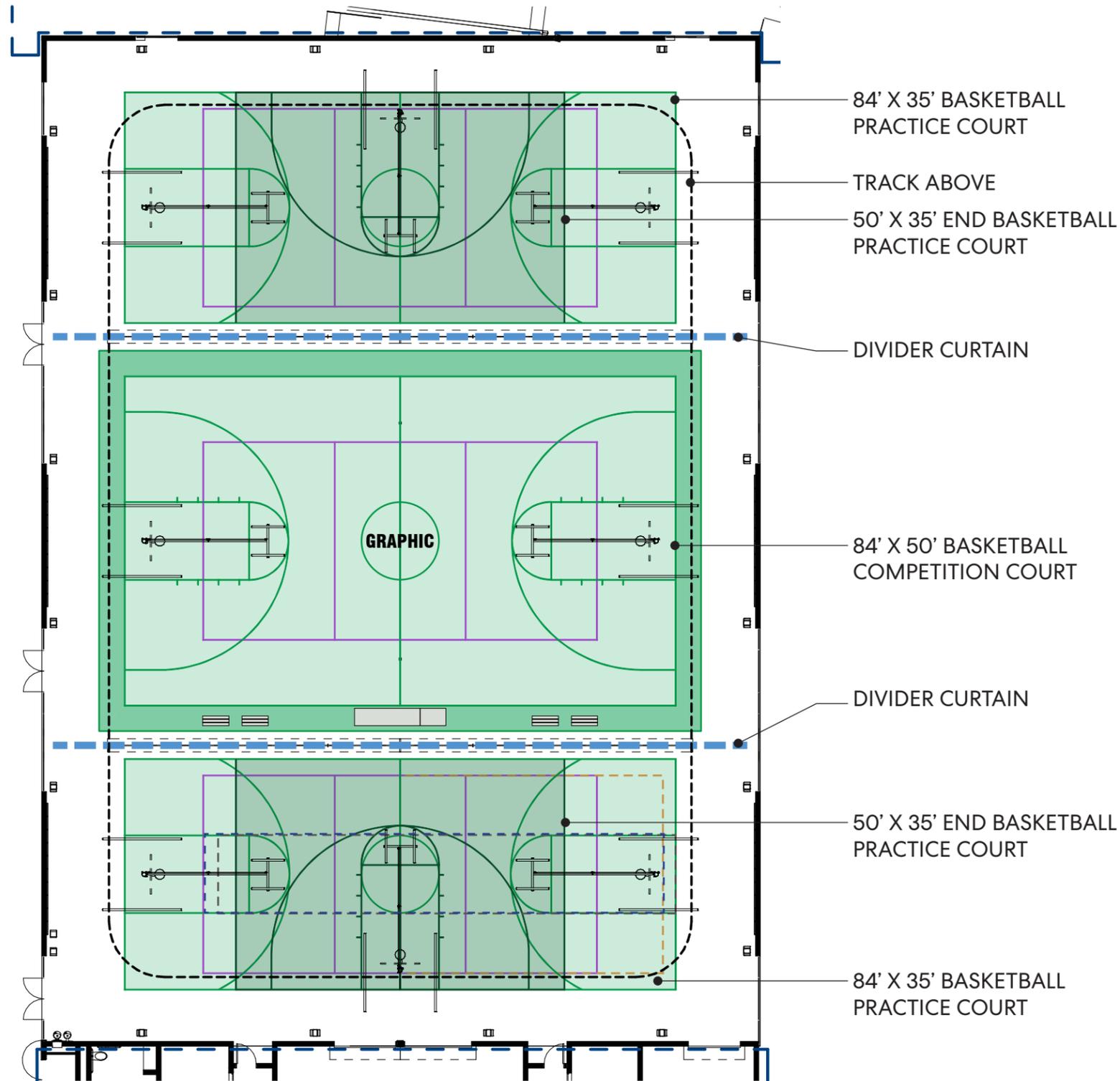
## Gymnasium Layout - Bleachers



RETRACTABLE BLEACHERS

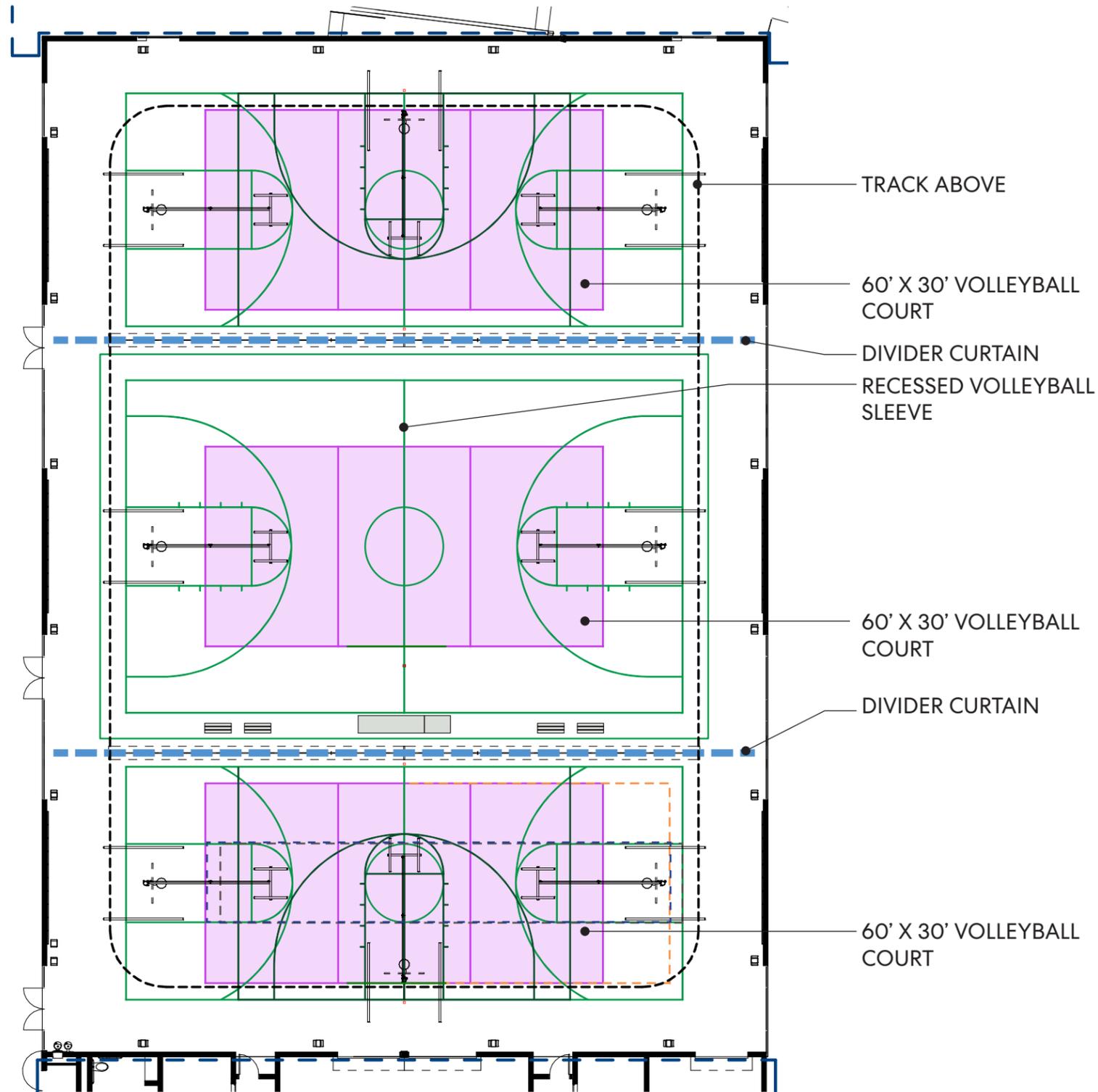
# Programming Plan Layouts

## Gymnasium Layout - Basketball Courts



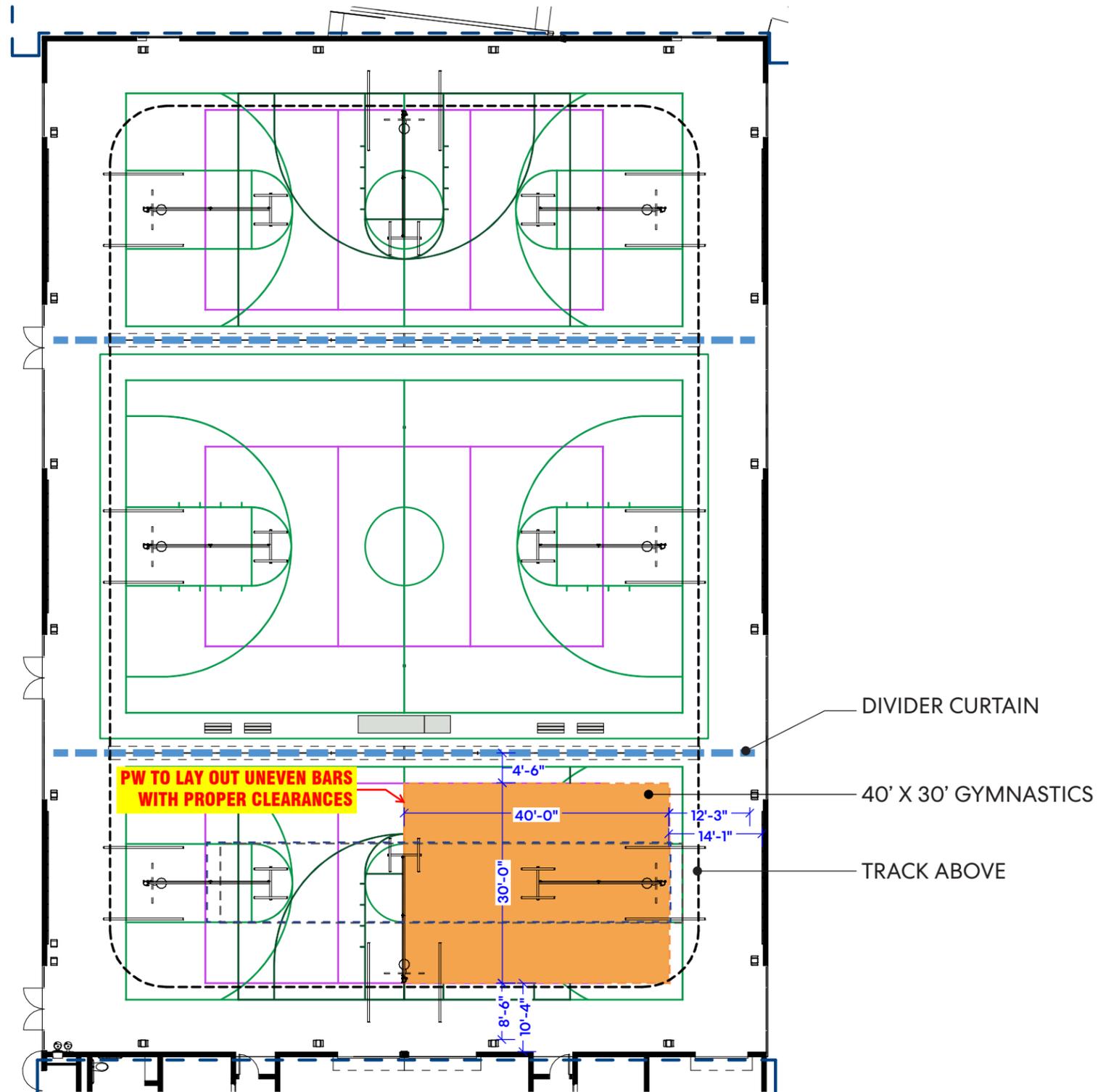
# Programming Plan Layouts

## Gymnasium Layout - Volleyball Courts



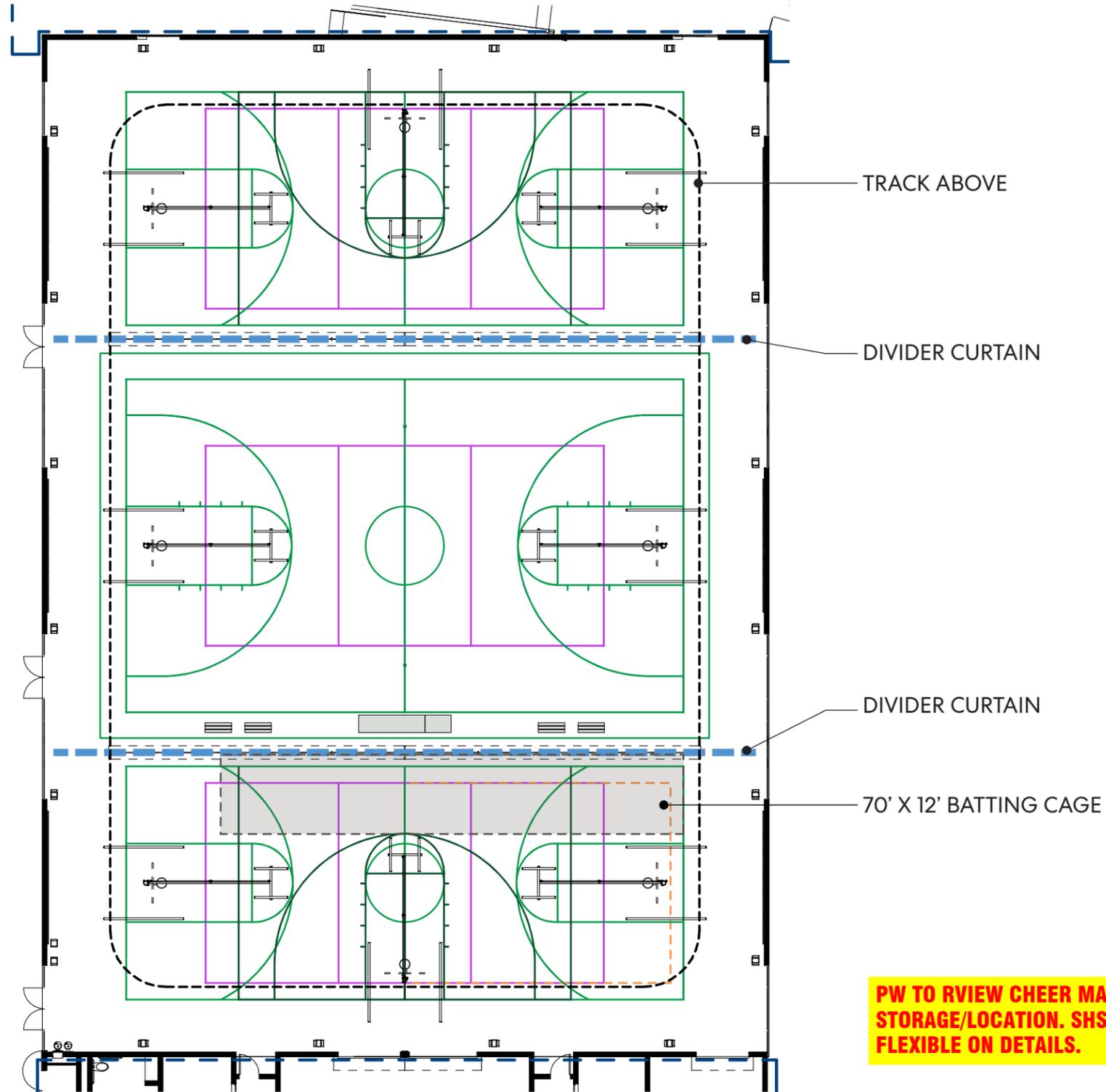
# Programming Plan Layouts

## Gymnasium Layout - Gymnastics



# Programming Plan Layouts

## Gymnasium Layout - Batting Cage



**PW TO RVIEW CHEER MATS STORAGE/LOCATION. SHS IS FLEXIBLE ON DETAILS.**



Programming Plan Layouts

Locker Room Survey

- PE: 20-30 per class with potential 3 classes at once
- Athletics: 60-70 lockers in each locker room for athletics

- Changing stalls for boys & girls to change and some privacy. Gender equity addressed for transgender students!!!

Health Physical Education

Stoneham High School

Department PE LOCKER ROOMS (1 Male/1 Female w/toilet)

Project Number 153010.00

Date

Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

Perkins&Will

Program Survey

No.	Item	Comments
1	What is your typical class size? Let us know if you have a variety of class sizes?	20-30 per class with potential 3 classes at once - avg of 45 male and 45 female during one class block would be safe for top number
02	Do you have a teacher's aid? If yes, how many?	no
03	How many lockers do you need and what size?	450 total 225 in girls 225 in boys
04	What are your storage needs? Please describe what you need to store in your space?	The design has storage space for us, we need that storage space at minimum and could use more for all of our PE equipment but in terms of locker sizes we would like half size lockers (3 tiered high) We do not like the small boxes, and do not need large full size lockers looking for something in between
05	Do you require access to a full size copier? Desk top copier?	no
06	What do you think is the best flooring for this space?	one that is cleaned easily and is durable
07	Do you need a surface to pin-up visuals, work, for teaching and learning? Quantity?	yes, 2-3 throughout locker room
08	Do you need more than 2 (4' x 8') marker board surfaces for teaching + learning? How much more? Please discuss the use of the marker surfaces in your space?	no do not need more than the 2 being offered
09	Do you have any furniture needs in the space for surfaces? Desks, Tables, Work tables, Group work, Individual work?	benches for changing and sitting
10	Do you need any seats in the space?	benches for changing and sitting
11	Are there any special needs for the space you want to tell us about?	changing stalls for boys & girls to change and some privacy. Gender equity addressed for transgender students!!! we would like to have a small space available of openness to have small group meeting if needed - small group being 15-20 kids looking at a white board
12	Do want benches in front of the lockers or located adjacent to the lockers?	front of lockers
13	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor?	none
14	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor? Power Requirements? Water? Ventilation? (ATTACH A LIST)	water fountains, bathrooms, ventilation, no showers necessary, but need toilets
15	We are trying to reduce plug loads in the building which means not having a dedicated refrigerator, freezer, microwave, cook top etc....in your classrooms. Let us know what is necessary for teaching + learning and the space use. Let us know what you think is necessary here.	fridge in pe teacher office & teachers/coaches offices need a private bathroom and shower if shower is too much at minimum need a private toilet
16	What room/classroom would you benefit from having a critical adjacencies ?	Health class
17	How and or why do you use computers in your room? Laptop or desktop?	not in lockers

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Comments

in the fall season I have 4-5 female sports with approx. 170 athletes and males have approx. 4 sports with 160 athletes in the winter it drops a bit, but 3 teams each gender with approx. 120 athletes each. Spring jumps up again to 4 sports each gender and approx 170 athletes for each gender I need enough locker rooms and lockers divided up to cover the busiest season. I see, I will have counting the athletic building outside locker rooms, 3 locker rooms per gender, which means I need about 100 lockers in each locker room for athletics (using pe lockers for one of my smaller teams, I would need 50 lockers that Pe is not using). Very important to us is the ability to use as much of the exterior walls and leaving in the team locker rooms as much of an open space to have a team meeting with white board.

mentioned above in question number 1 avg 100 lockers in the 4 team locker rooms 2 inside and 2 in the outside athletic building, the locker room in the outside athletic building is where I plan to put football, so there will need to be some different design on the size of those locker to house the shoulder pads and helmet.

clothes, uniforms, cleates lax sticks, football helmets and shoulder pads, field hockey sticks, bats, tennis raquets etc... biggest concern is in 1 locker room needs to store the football helmet and shoulder pads

no

rubber or concrete, durable and easy to clean

YES

no dont need more than 2 (4x8) but do need the 2

Group benches for lockers or maybe lockers have benches built ins specifically for the one locker room that will house football outside, shelves above lockers to store large items

no

space so can address a team of an ag of 50-60 and still provide enough lockers at a good size not full length lockers

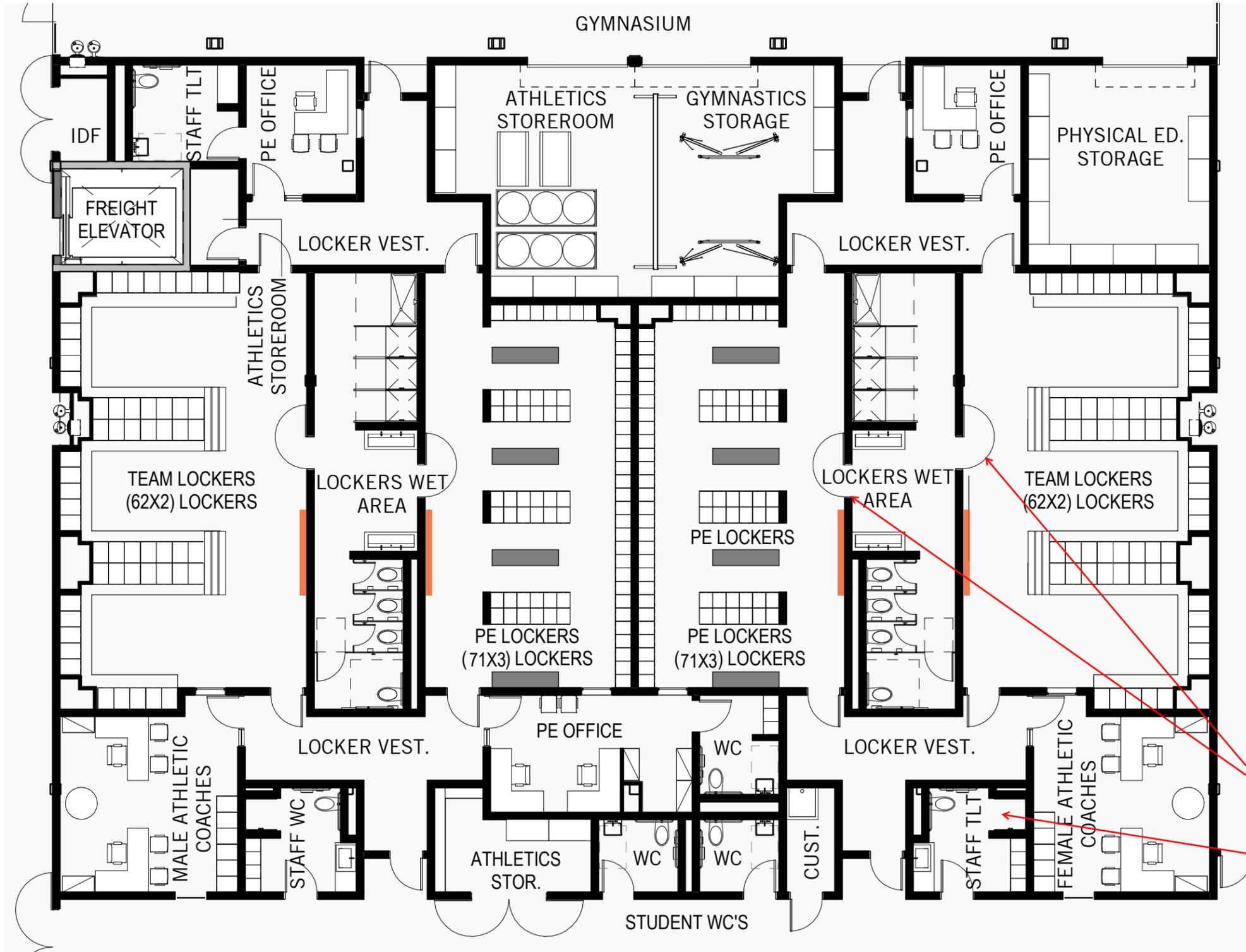
projector availability and able to project onto a wall or white board

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Programming Plan Layouts

Locker Room Layout



**Locker Room Layout Feedback:**

- 3rd row (tier) at PE Lockers to make the number of lockers closer to 200 (71X3 = 213).
- Team Lockers are perfect with the double locker at 62X2 = 124.
- Needs the ability to shut and lock a door from being able to go through the bathrooms and enter the other locker room. This is true from both Team Locker and PE Locker rooms for boys and girls.
- Benches on ends of rows to sit on.
- Large white board on a wall at each locker room.

**LOCKS - SHS TO CONFIRM TYPES OF LOCKS - COMBINATION? PERMANENT PAD LOCKS?**

**PW TO REVIEW WITH CODE CONSULTANT IF TEAM ROOMS CAN BE CLOSED OFF.**

**PW TO REPRESENT SHOWER IN PLAN DRAWING.**

Programming Plan Layouts

PE Alternatives Survey

• Create workouts and put teams through workouts, open to staff

• The number one priority for this space is strength and conditioning for sports teams. We can not lose that feel and capability.

Health Physical Education

**Stoneham High School**  
 Department PE ALTERNATIVES (Fitness, Conditioning)  
 Project Number 153010.00  
 Date  
 Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

**Perkins&Will**

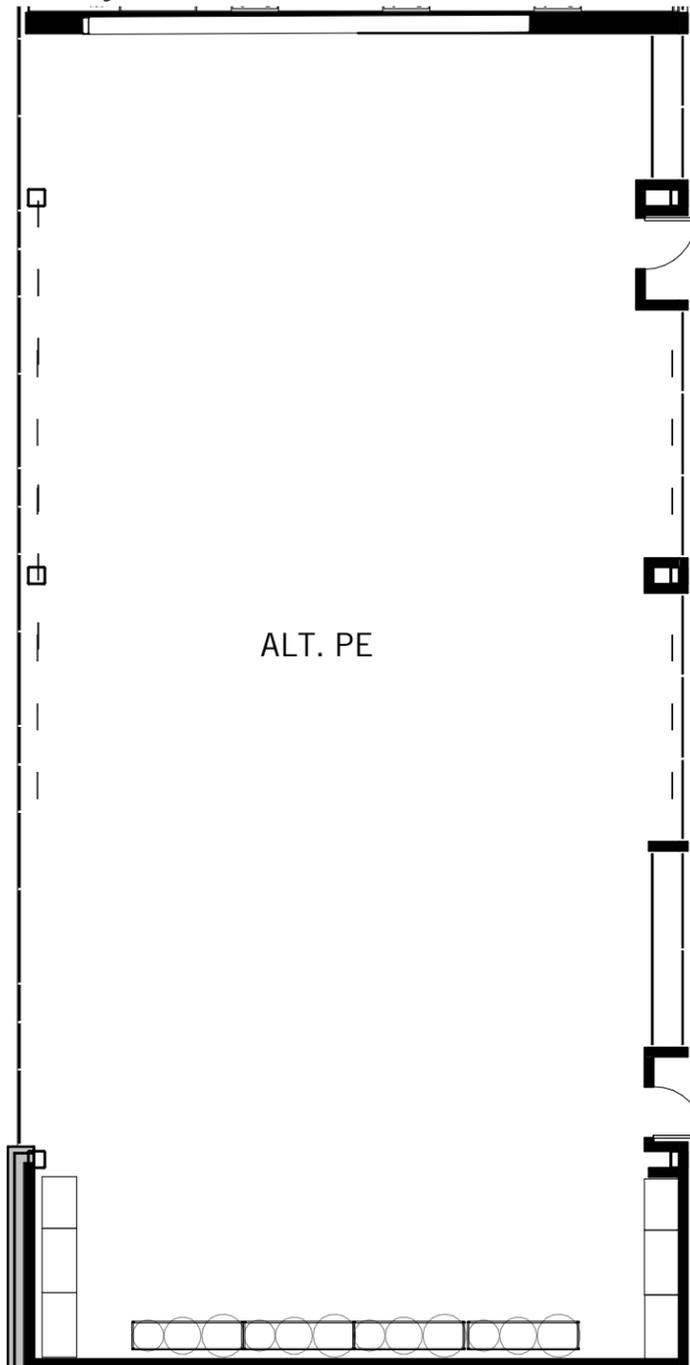
**Program Survey**

No.	Item	Comments
1	What is your typical class size? Let us know if you have a variety of class sizes?	30-40
02	Do you have a teacher's aid? If yes, how many?	no
03	How do you use your space? Be specific please.	create workouts and put teams through workouts. open to staff
04	What are your storage needs? Please describe what you need to store in your space?	bands medicine balls. not necessarily stored but visible and accessible on walls or shelves or hooks etc
05	Do you require access to a full size copier? Desk top copier?	no
06	What type of physical filing requirements do you have beyond two/ 3 drawer files? Fire-rated? What is the use of these files?	3 draws is perfect
07	Do you need a surface to pin-up visuals, work, for teaching and learning? Quantity?	yes 2-3 areas to post workouts. and best lifts records etc..
08	Do you need more than 2 (4' x 8') marker board surfaces for teaching + learning? How much more? Please discuss the use of the marker surfaces in your space?	no dont need more than but would liekt the 2
09	What are your loose furniture needs in the space for surfaces? Desks, Tables, Work tables, Group work, Individual work?	1 desk with a computer and internet access for a supervisor to check kids in
10	Do you have any seating needs? Chairs, Rockers, Stools. On casters?	no
11	Do you meet with parents, students, faculty in your space? If so how many?	no
12	What are your desk needs? Tables, individual desks, desk top material, on wheels/movable?	1 desk with a computer and internet access for a supervisor to check kids in
13	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor?	desk top with internet ability to show videos
14	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor? Power Requirements? Water? Ventilation? (ATTACH A LIST)	
15	We are trying to reduce plug loads in the building which means not having a dedicated refrigerator, freezer, microwave, cook top etc...in your classrooms. Let us know what is necessary for teaching + learning and the space use. Let us know what you think is necessary here.	power plugs available but no fridge microwave etc... needed
16	What room/classroom would you benefit from having a critical adjacencies ?	gymnasium
17	How and or why do you use computers in your room? Laptop or desktop?	desk top with internet
18	Attach any aspirational images you have for your space you would like to share.	Need a sound system in here as well
19	Provide additional comments here.	I would like to have a fitness company come in and design this for us. or do you have someone in this area to discuss what machines and how many etc...in the sq footage being proposed. I know fitness companies will send you asketch if asked
20	We have all learned a great deal over the last year teaching/ working in person and virtually during the pandemic. What have you learned about physical space, technologies, health +wellness, and teaching methods that you think would be great to discuss as lessons learned for inclusion in the new Stoneham High School planning? Please describe as many of these lessons for the design team.	The number one priority for this space is strength and conditioning for sprots teams. We can not lose that feel and capability. But we would like to grow and provide things in this space more in line with fitness to open door to staff and other students. would like to have a section for cardio equip. and even a full line of machines. NOT sure if we can accomplish this with our space getting to crowded. Ideal would be to have a small stirp of turf to do some agility on.

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Programming Plan Layouts

PE Alternative & AD Office Layout



MEETING TABLE FOR 4  
LOCKABLE FILE CABINET

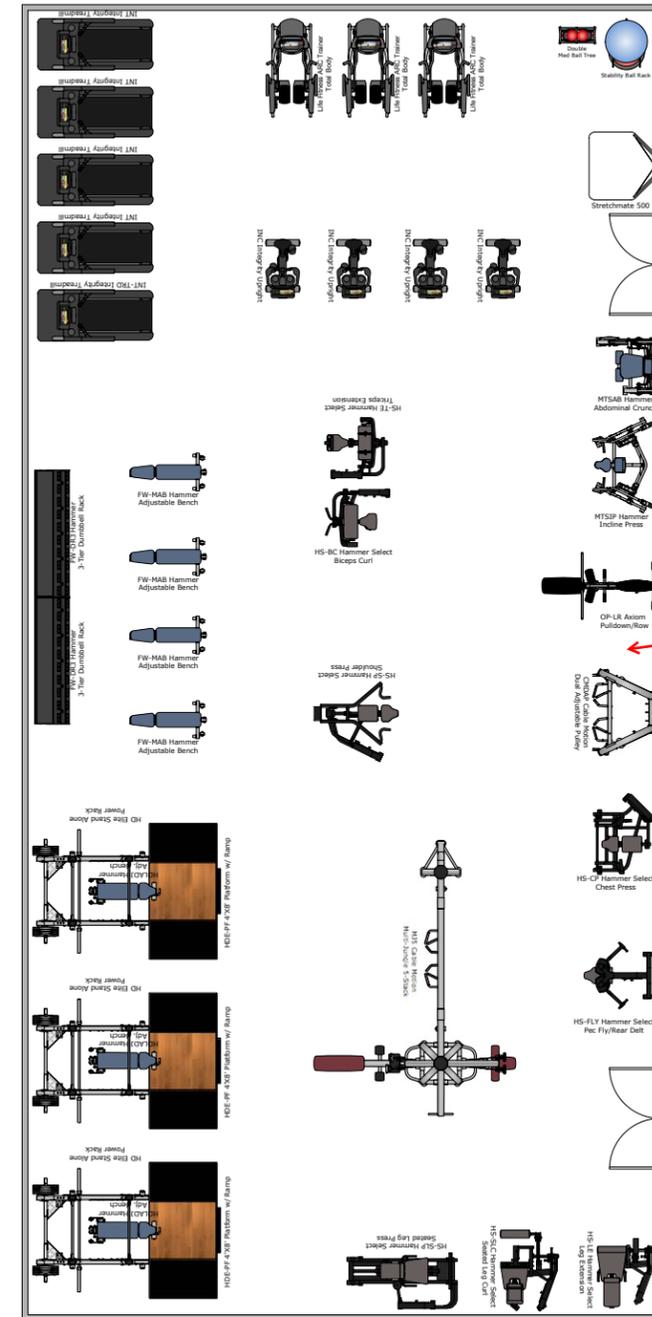
ROOM CHAIR

AD'S SEC.

WC

LOCKABLE FILE CABINET

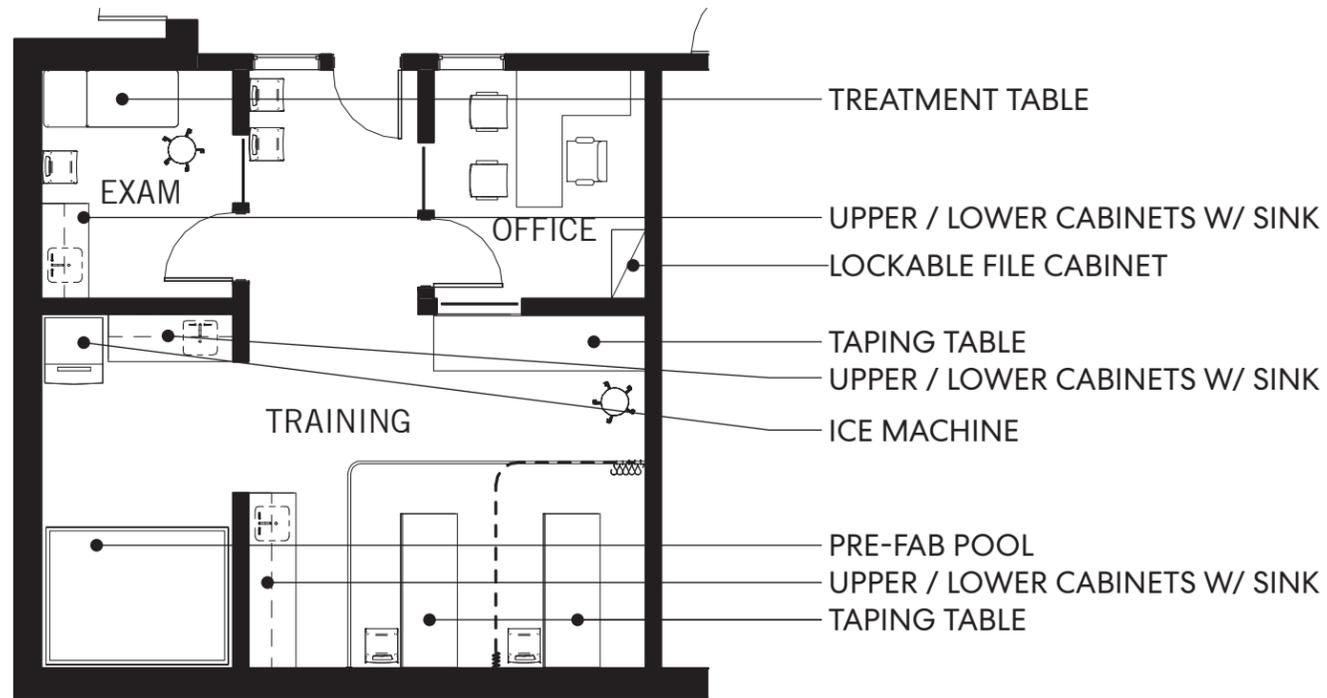
**PW TO REVIEW RELOCATING AD OFFICE AT CORNER FOR BETTER SUPERVISION AND SITE LINES.**



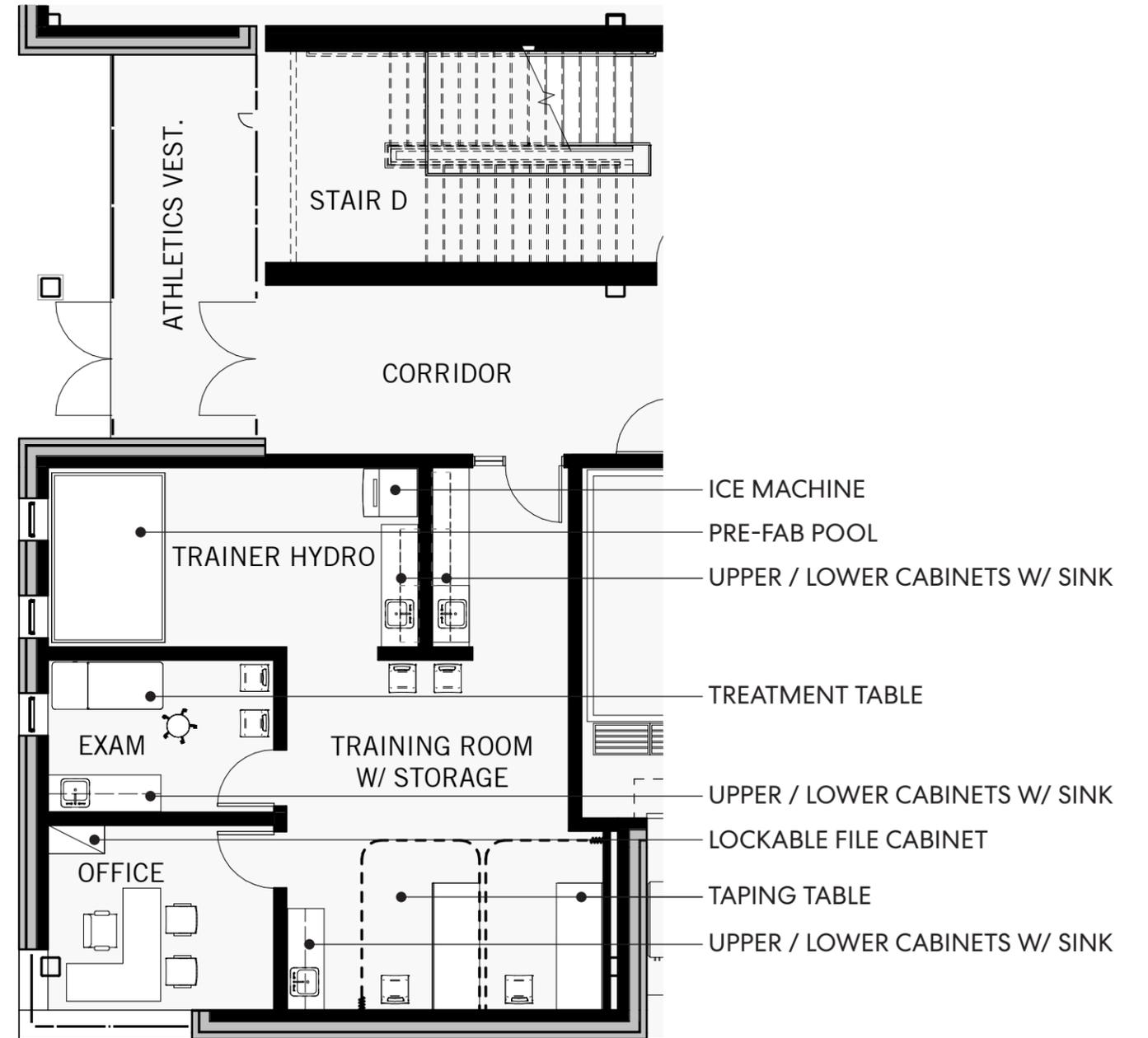
**FLOORING AND EQUIPMENT OWNED/PROVIDED BY GRONK. PW TO REVIEW.**

Programming Plan Layouts

Training Room Layout



Schematic Design Layout



Design Development Layout

Programming Plan Layouts

Equipment Room Survey

- Out of season equipment, soccer nets, football chains, field dressings, uniforms for all 50 teams

- Storage is very important here, shelving and any other organization plan will be welcome

Health Physical Education

**Stoneham High School**  
 Department EQUIPMENT ROOM (laundry, storage)  
 Project Number 153010.00  
 Date  
 Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

**Perkins&Will**  

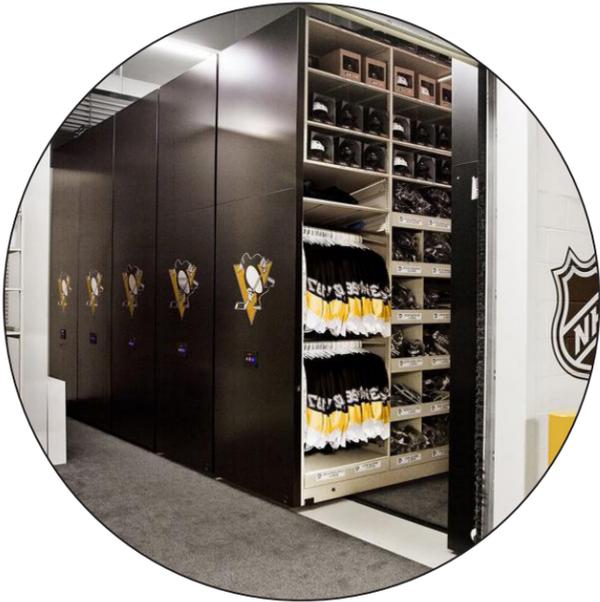
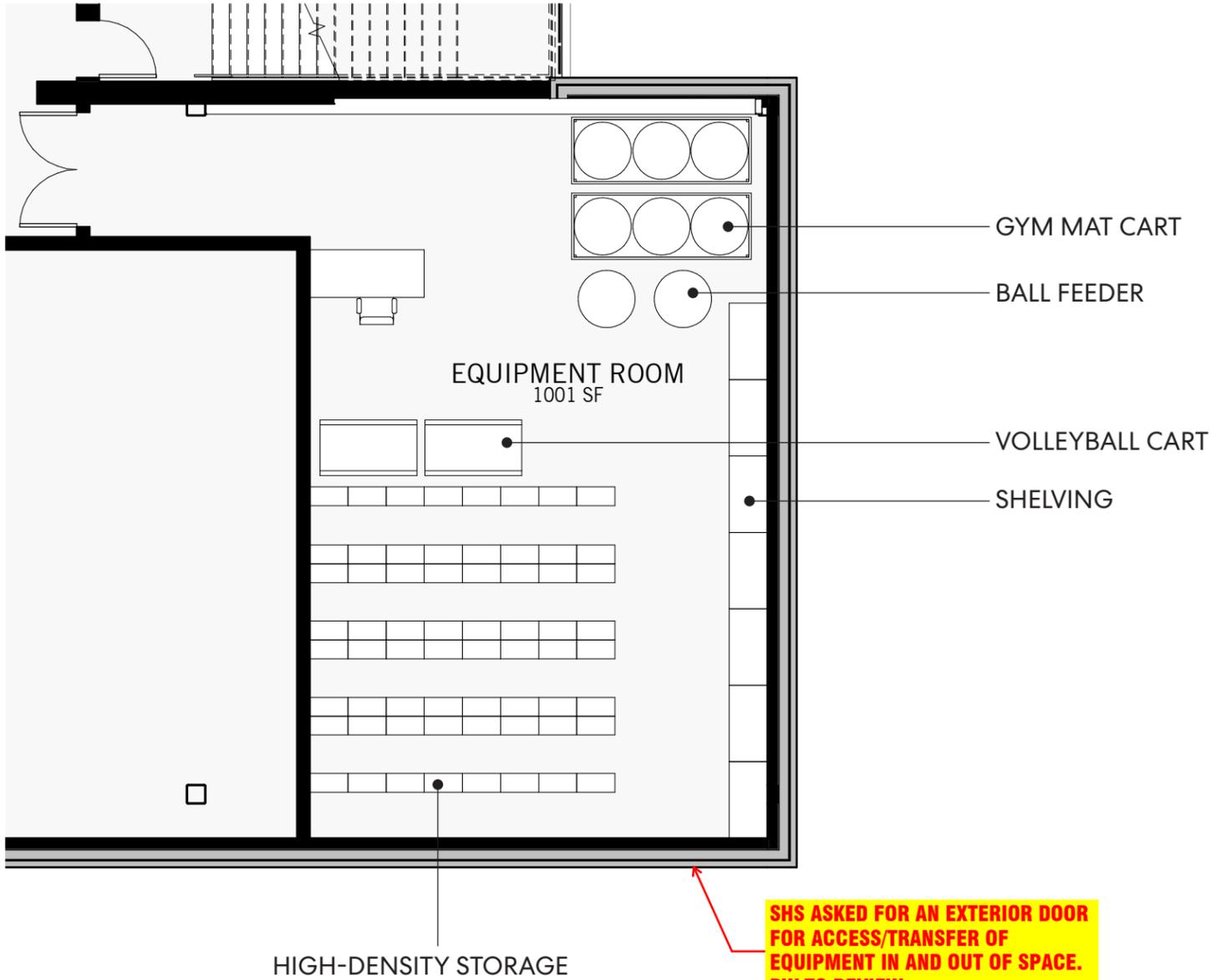

**Program Survey**

No.	Item	Comments
01	What are you storing in the space? Be specific with sizes.	out of season equipment soccer nets , football chains and field dressings, uniforms for all 50 teams Need large buckets to store uniforms safely Typically have a large closet for every sport to keep their uniforms and their balls and their extra cones etc...
02	What type of laundry requirements do you have? Be specific.	2 xlg commerical washers and 2 xlg commercial dryers The washing machines are called Wascomat super senior W640 Classic and the dryers are Huebsch I am not devoted to this brand, they work great, but if there is better I am not against change
03	Do you require metal shelving in the space?	Stoorage is very improtant here, shelving and any other organization plan will be welcome
04	Attach any aspirational images you have for your space you would like to share.	Need a desk and a desk top computer with internet abilities
05	Provide additional comments here.	Need an extral large work table or surface to fold clothes etc...
06	We have all learned a great deal over the last year teaching/ working in person and virtually during the pandemic. What have you learned about physical space, technologies, health +wellness, and teaching methods that you think would be great to discuss as lessons learned for inclusion in the new Stoneham High School planning? Please describe as many of these lessons for the design team.	

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Programming Plan Layouts

Equipment Room Layout



HIGH DENSITY STORAGE

SHS ASKED FOR AN EXTERIOR DOOR FOR ACCESS/TRANSFER OF EQUIPMENT IN AND OUT OF SPACE. PW TO REVIEW.

Programming Plan Layouts

Health Classroom Survey

Health & PE

• Health education is typically taught in large groups then broken into smaller group work.

• Being located with the rest of the PE dept is important for planning and instructional purposes.

Core Academic Spaces

Stoneham High School  
 Department HEALTH  
 Project Number 153010.00  
 Date  
 Survey Participants Leaders: David Pignone, Sara Swett, Dean Serino, Patrick Healey

Perkins&Will

Program Survey

No.	Item	Comments
1	What is your typical class size? Let us know if you have a variety of class sizes?	Class sizes range from 15 - 30
02	Do you have a teacher's aid? If yes, how many?	I do not usually have teacher aid's but students may require their own support teachers.
03	How do you use your space? Do you work in small groups? Larger groups? Individually?	health education is typically taught in large groups then broken into smaller group work.
04	What are your storage needs? Please describe what you need to store in your space?	Health will need two large closets for curriculum, materials, and other educational needs storage.
05	Do you require access to a full size copier? Desk top copier? Do you need a dedicated copier in your space?	No
06	What type of physical filing requirements do you have beyond two/ 3 drawer files? Fire-rated? What is the use of these files?	Two 3 draw files are sufficient
07	Do you need a surface to pin-up visuals, work, for teaching and learning? Quantity?	Yes, Health would require two large pin-up boards for visuals and student work.
08	Do you need more than 2 (4' x 8') marker board surfaces for teaching + learning? How much more? Please discuss the use of the marker surfaces in your space?	Health would need three (4x8) marker boards: is one is being used for projection, the others would be needed for visuals.
09	What are your furniture needs in the space for surfaces? Desks, Tables, Work tables, Group work, Individual work?	Desks for students, 3 work tables for group work, a teacher's desk
10	What are your seating needs? Chairs, Rockers, Stools. On casters?	Chair, desk, standing desk
11	Do you meet with parents, students, faculty in your space? If so how many?	The Youth Action Coalition meets in the health room biweekly (about 35 kids)
12	What are your desk needs? Tables, individual desks, desk top material, on wheels/movable?	Individual desk, desktop connected to projector, laptop for meetings or traveling teaching (outdoors, or class coverage)
13	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor?	a standing desk option
14	What type of special equipment do you need in your space? Desk top equipment? Equipment on the floor? Power Requirements? Water? Ventilation? (ATTACH A LIST)	N/A
15	We are trying to reduce plug loads in the building which means not having a dedicated refrigerator, freezer, microwave, cook top etc....in your classrooms. Let us know what is necessary for teaching + learning and the space use. Let us know what you think is necessary here.	Miniature fridge is needed to store specimen storage.
16	What room/classroom would you benefit from having a critical adjacencies ?	Being located with the rest of the PE dept is important for planning and instructional purposes.
17	How and or why do you use computers in your room? Laptop or desktop?	Health uses a desktop to present and meet virtually, there is a laptop being used for meeting or professional development purposes.
18	Attach any aspirational images you have for your space you would like to share.	The ability to display work on the walls is important to station work, rotational activities

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It is IMPERATIVE that health education is taught in a classroom, where student would feel comfortable having difficult conversations. (Example: If the class was visible with a glass wall, I don't think talking about human sexuality would be productive...)

It has become more important for lessons to be digitized with content to be translated easily. We have moved away from traditional teaching methods into a modern educational era. The youth have experienced surges in screen time. The availability of charging stations, small group instruction, and breaks in technology is more important than ever.

# Programming Plan Layouts

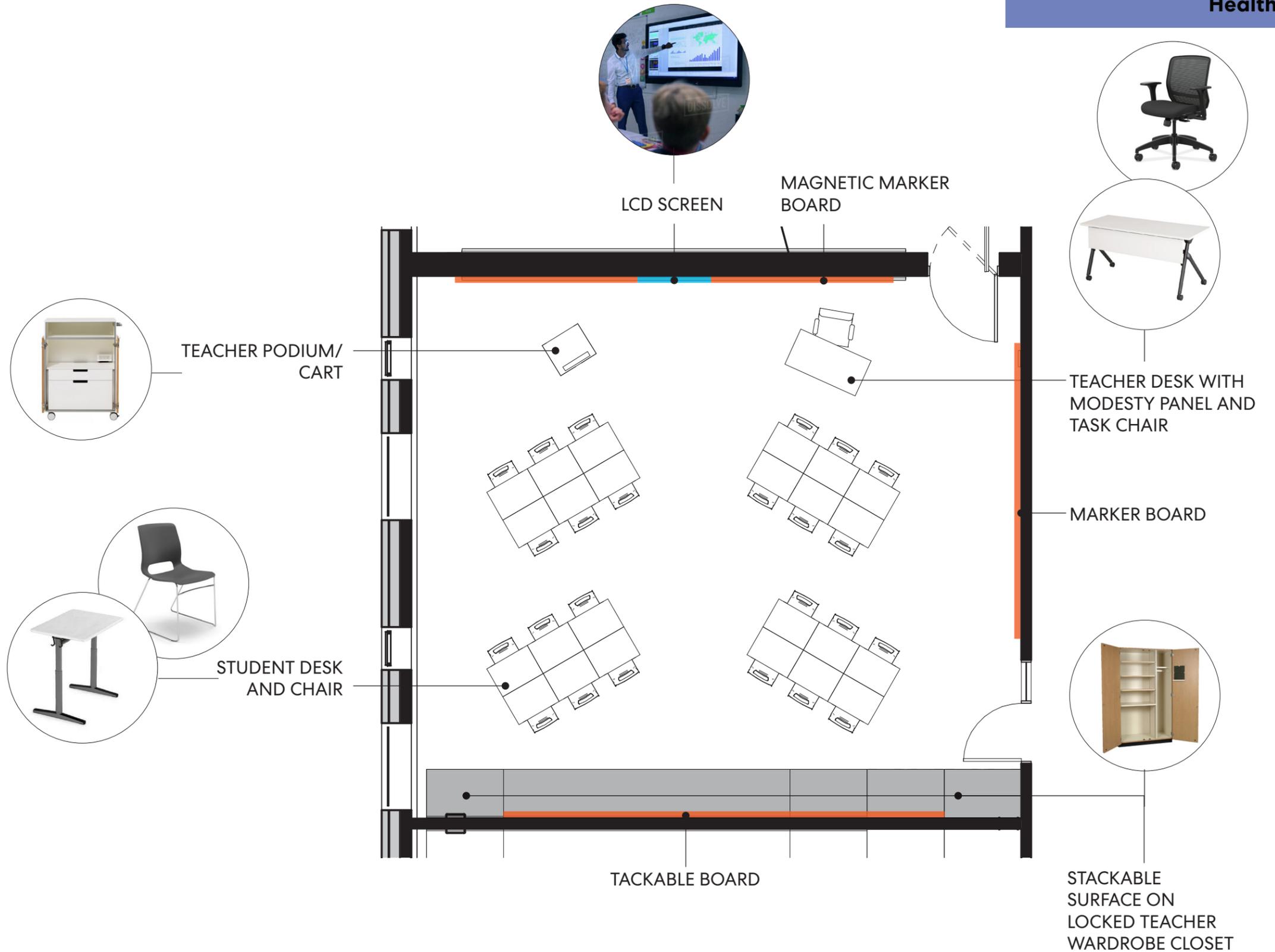
## Health Classroom Layout

### FF&E CHART

Description	Actual
Student	28
Student ADA desk	1
Student desk chair	28
Teacher desk	1
Teacher task chair	1
Teacher podium	1
LCD screen	1

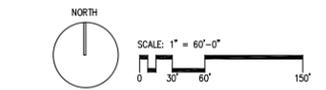
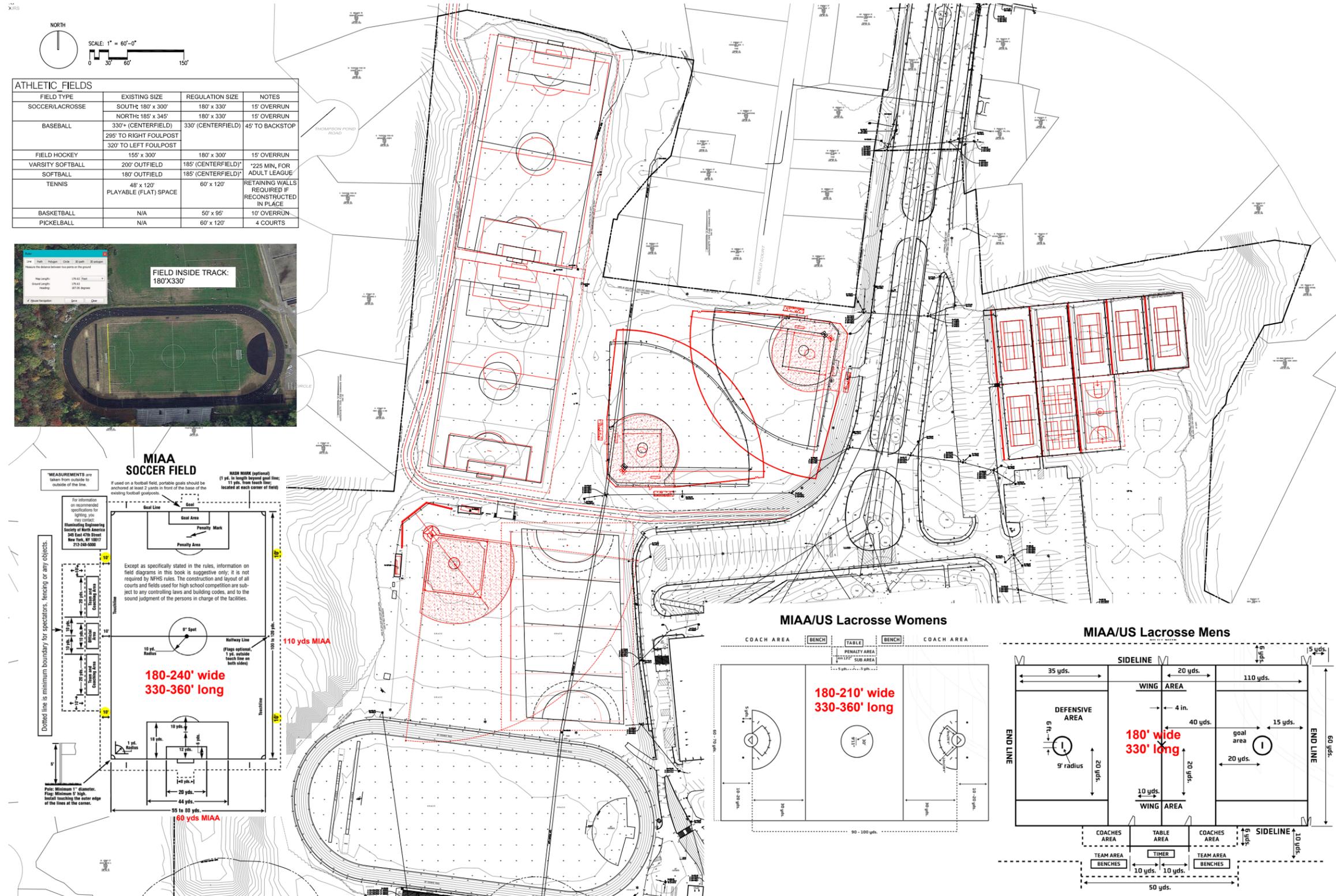
### Health Classroom Layout Feedback:

It has become more important for lessons to be digitized with content to be translated easily. We have moved away from traditional teaching methods into a modern educational era. The youth have experienced surges in screen time. The availability of charging stations, small group instruction, and breaks in technology is more important than ever.



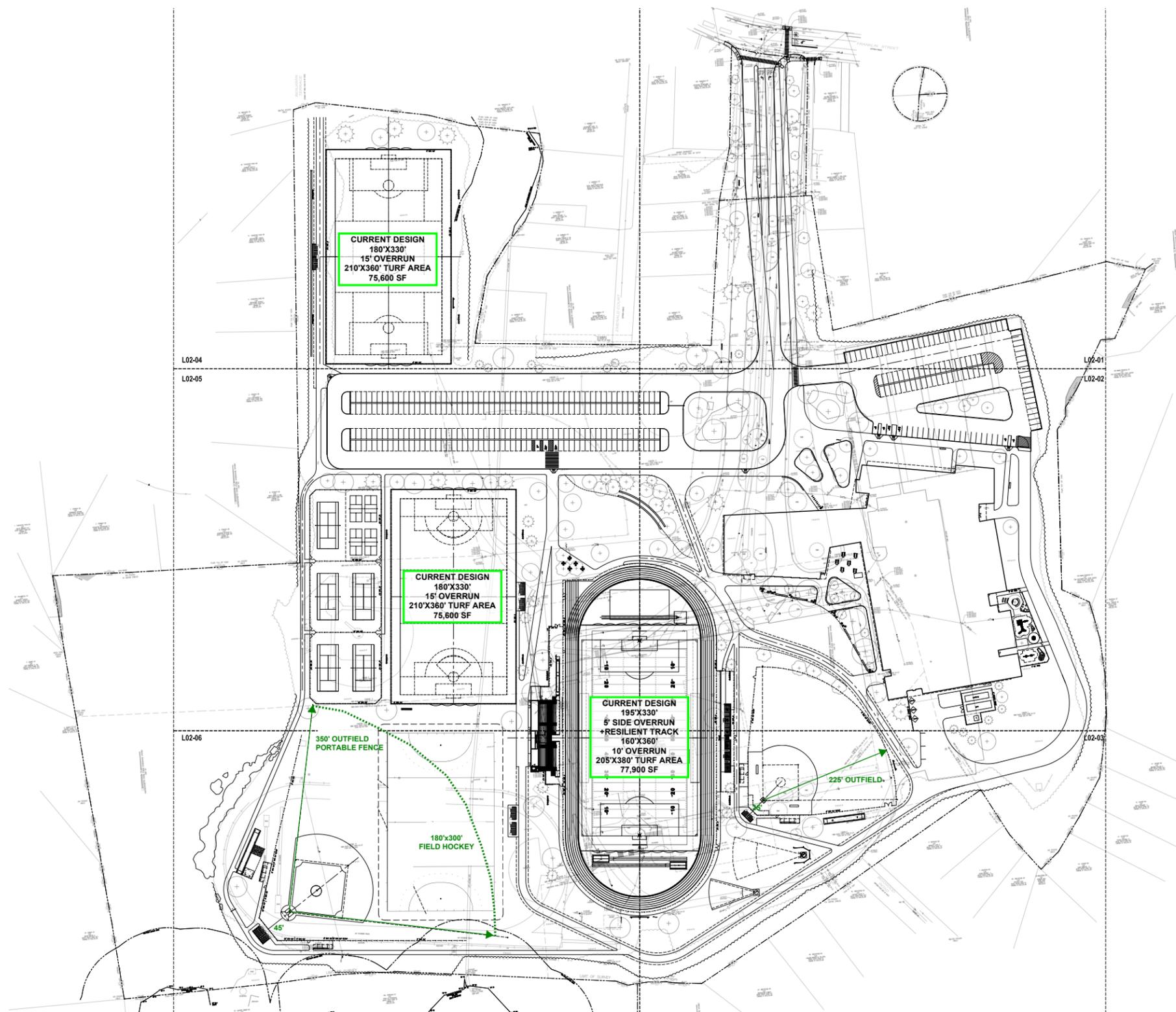
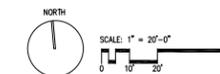
# Programming Plan Layouts

## Existing Athletic Fields with Regulation Sizes



Programming Plan Layouts

Schematic Design Site Plan with Regulation Field Sizes



- FIELD MARKINGS (ONLY 2 PERMANENT PER TURF FIELD)
- NORTH FIELD - BOYS LAX AND SOCCER
- MIDDLE FIELD - GIRLS LAX AND SOCCER
- STADIUM - FOOTBALL AND FIELD HOCKEY, WITH TICKS FOR SOCCER (195X330)

- SHS REQUESTING JAVELIN WITH RUBBER TIPS ON TURF FIELD.

- SHS PREFER DISCUS AND SHOT OUTSIDE STADIUM, BUT OK IF DISCUS IS IN STADIUM (WOULD BE BUSY WITH JAVELIN).

- SHS WAS FIRM THAT VISITOR BLEACHERS MUST BE RAISED. THE CURRENT SD PLAN SHOWS THAT.

- SHS REQUESTING ROYAL BLUE TURF IN STADIUM. NOTE: DURABILITY TO UV AND COST PREMIUM FOR RUBBER ON TRACK (CURRENTLY OWN BLACK). PW/WL TO REVIEW VISUAL IMPACT.

- SCOREBOARD LOCATIONS:

- @ NORTH FIELD, LOCATE IN NW CORNER (SIMILAR TO EXISTING NEAR BENJAMIN TERRACE)
- CONCERN ABOUT BASEBALL SHARING WITH MIDDLE SOCCER/LAX FIELD. SHS REQUESTING BOARDS TO BE IN A GOOD VISIBLE LOCATION FOR EACH FIELD.

- DISCUSSED BASEBALL ONLY HAVING FOUL BALL FENCES AND NO PERMANENT OUTFIELD FENCE. OUTFIELD FENCE WOULD NEED TO BE PORTABLE TO ALLOW FIELD HOCKEY. SHS AGREED THE FIELD HOCKEY IS NEEDED ON THE OUTFIELD (AND FOR OTHER FALL PRACTICES), BUT FIELD HOCKEY NEEDS TO PRACTICE ON THE STADIUM TURF.

FOLLOW UPS:

- WL TO PREPARE A PLAN MARKUP SHOWING ALL FENCING, NETTING AND GATE LOCATIONS AND HEIGHTS. 6'-0" TALL BVC CLF AROUND STADIUM PERIMETER. COMBINATION OF FENCE AND NETTING SOCCER. 4'-0" BVS CLF BETWEEN SPECTATOR AREAS AND TRACK.

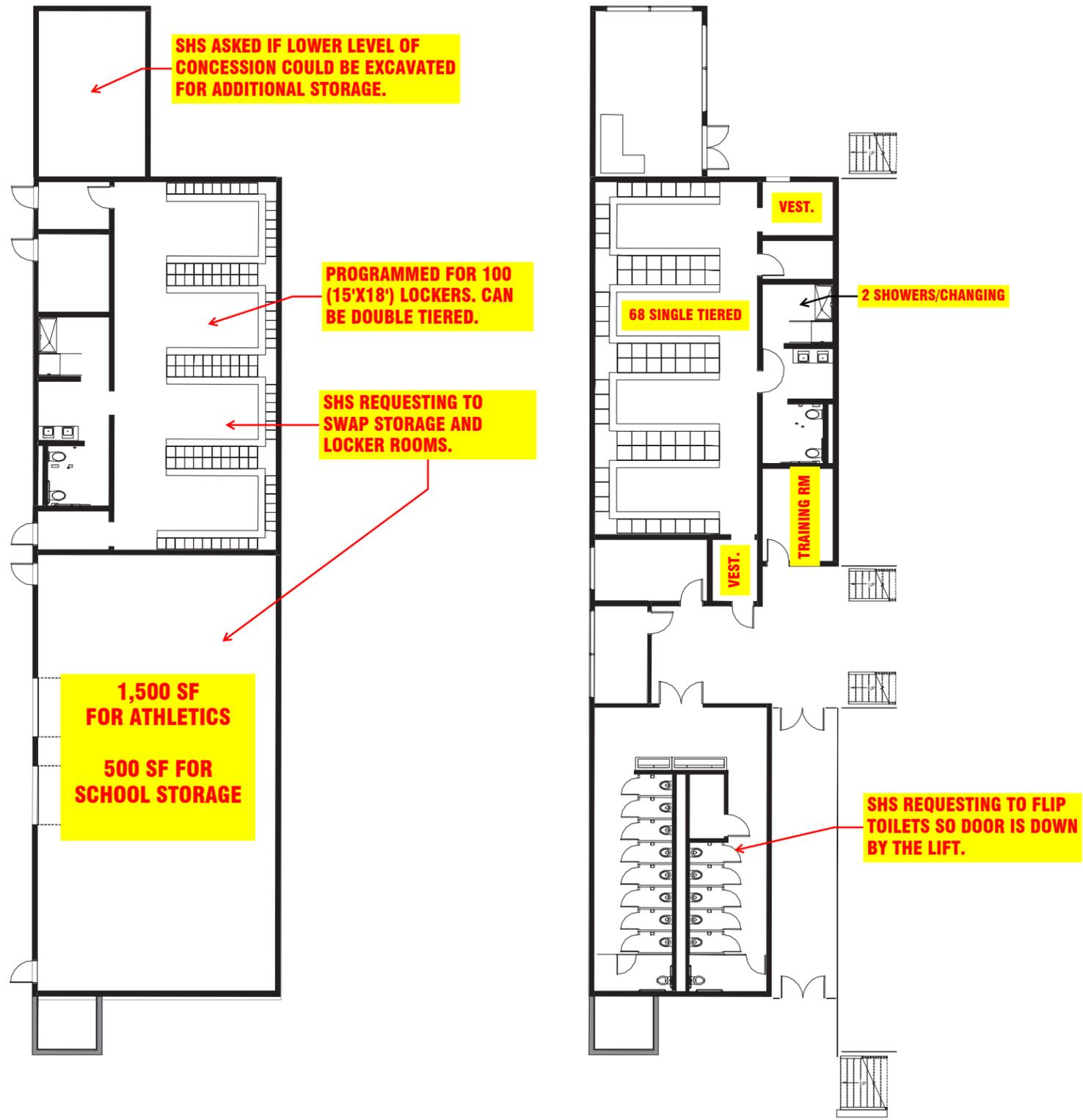
- WL TO SHOW FIELD MARKINGS ON PLAN.





# Programming Plan Layouts

## Stadium Design Development - Plans

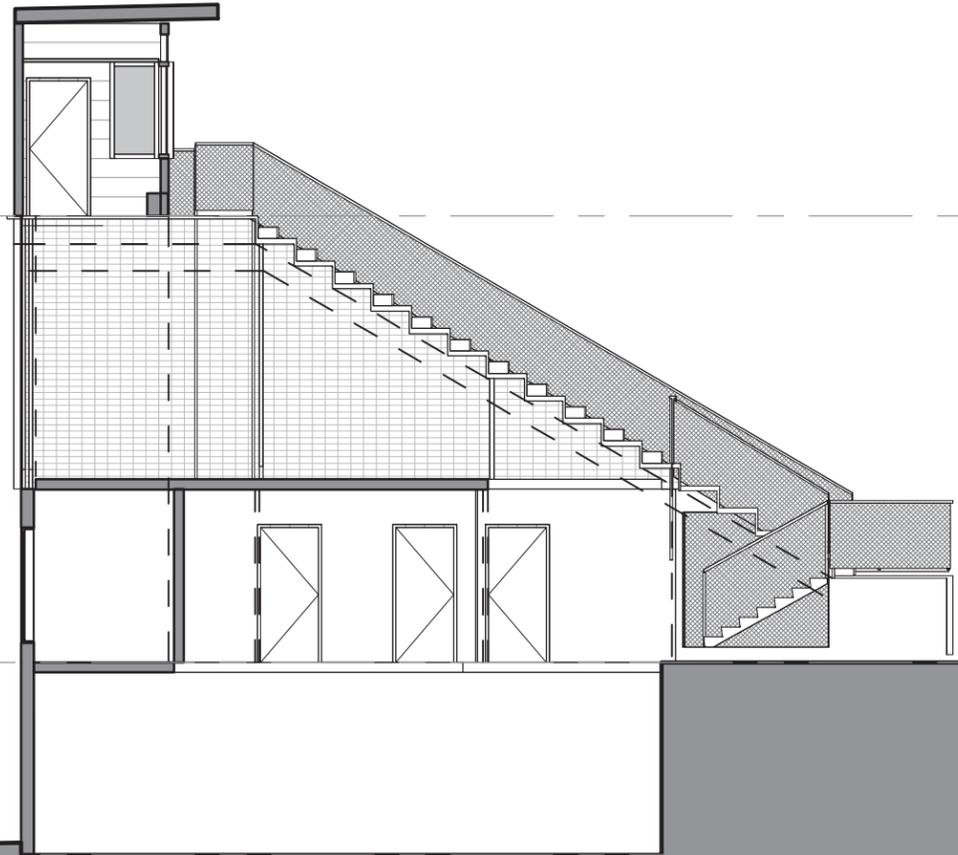


- PW TO REVIEW WITH SHS ACCESS FROM LEVEL 00 TO FIELDS.  
- SHS REQUESTED HEAT IN ENTIRE BUILDING. STORAGE IS CURRENTLY THE ONLY AREA NOT HEATED.

Programming Plan Layouts

Stadium Design Development - Section

- PRESS BOX, PREMANUFACTURED. OPERABLE WINDOWS, SLOPED ROOF, WIRED FOR ELECTRIC HEATING, AIR EXCHANGE, TEL/ DATA, CONNECTIONS TO SOUND, DIGITAL CONTROLS, ETC
- STEEL STRUCTURE TO SUPPORT BLEACHERS, PRESS BOX, LULA. NOTE: ALL STEEL TO BE PAINTED
- LULA
- SCREENED IN UNDER BLEACHERS
- PUBLIC BATHROOMS, LOCKER ROOM, COACHES, TRAINER
- OPERABLE WINDOW
- LOWER LEVEL LOCKER ROOM, BEYOND
- STORAGE IN UNFINISHED SPACE
- EMERGENCY ACCESS ROAD
- LOWER SPORTS FIELDS



BLEACHERS - TOP  
197' - 2"

LEVEL 01 - CONCESSIONS  
174' - 0"

LEVEL 00 - CONCESSIONS  
164' - 0"

**Thank you!**

**Stoneham High School  
Design Development Phase  
SSBC Comments**

No.	Date	SSBC Member	Comment	P&W Response
1	12/15/2021	Lisa Gallagher	Where is the Safety Resource Officer's office located? Will it be in the front office?	