Proposal DRAFT of the

ATHLETICS FACILITIES PROPOSALS

Prepared by the HHS Athletics Master Planning Subcommittee

STRATEGIC PLAN GOAL CONNECTIONS:

2.1 IMPROVE STUDENTS' PHYSICAL HEALTH THROUGH THE SUPPORT OF FAMILIES, COMMUNITIES, AND SCHOOLS WORKING TOGETHER

2.2. DEVELOP OPPORTUNITIES FOR STUDENT ENGAGEMENT BEYOND THE CLASSROOM

HOUSTON ATHLETICS



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HHS MASTER PLANNING COMMITTEE



ABOUT THE ATHLETICS FACILITIES PROPOSAL

Our overall master plan involves three major areas of focus to benefit through additions and renovations of athletics facilities:

Student Benefits

- Safety
  - By eliminating travel off campus (all transportation issues), parents' and familiarity with campus and surrounding lessens
- Efficiency
  - By decreasing the amount of time traveling to and from facilities off campus for everyday activity, students will have more time to focus on a variety of other personal activities.
- Pride
  - By upgrading facilities, students will develop a deeper sense of pride and sense of respect for the school

Community Benefits

- Financial Burden
  - By upgrading facilities, the opportunity to generate revenue will increase; thereby lessoning the financial drain on participation
- Increase in Opportunities
  - We are currently at a facility deficit for ALL FEEDER SCHOOL ACTIVITY, which is a potential opportunity to build a more cohesive vision for the districts- as well as- creating a unifying attitude in the pipeline of potential students
  - Creating a Future Vision
- **We Settle for Nothing Less Than the Best**

Staff Benefits

- Mental
  - Changing the belief that you simply have to work with less in regard to facilities would be eliminated
  - Increasing morale, energy, and happiness
- Staffing
  - much easier to recruit high level staff with updated facilities
  - ANY EFFORT to help with the difficulty in their EXTRA-CURRICULAR increases support and morale





FACILITY ADDITIONS

Indoor Facilities Containing:

- Renovated gym space; additional gym space
- Volleyball/Wrestling Space
- Cheer/Pom/Colorguard Space
- Indoor Track
- Locker-Rooms
  - Centrally located for teams using the new facilities in the park or specified program (for example, volleyball/wresting or cheer/pom)
- Houston High/GMSD Student/Staff Fitness Center

Outdoor Longfields & Amenities

- 2 multi-purpose fields with artificial turf
- stadium bleachers
- concession stand
- PA system/ scoreboard
- Maintenance/ storage building
- An outdoor swimming pool
- 6-8 lane track to address needs of track, cross country, and running clubs K-12
- Tennis Complex
- Softball Field (currently under construction)

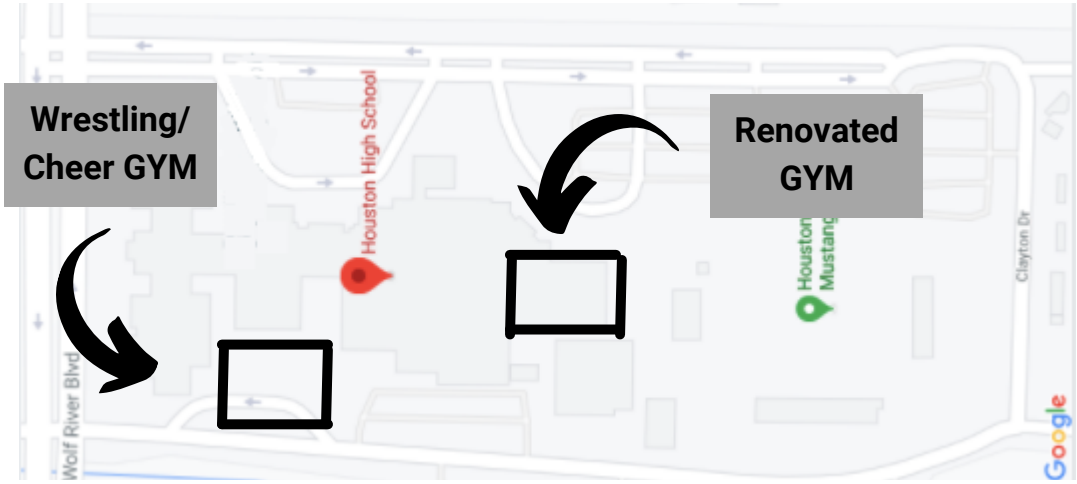
Operational Needs

- LED lighting upgrades throughout the program
- Multi-level parking structure OR creative way to address parking challenges on the property

TWO ADDITIONAL GYMS (RENO & NEW)

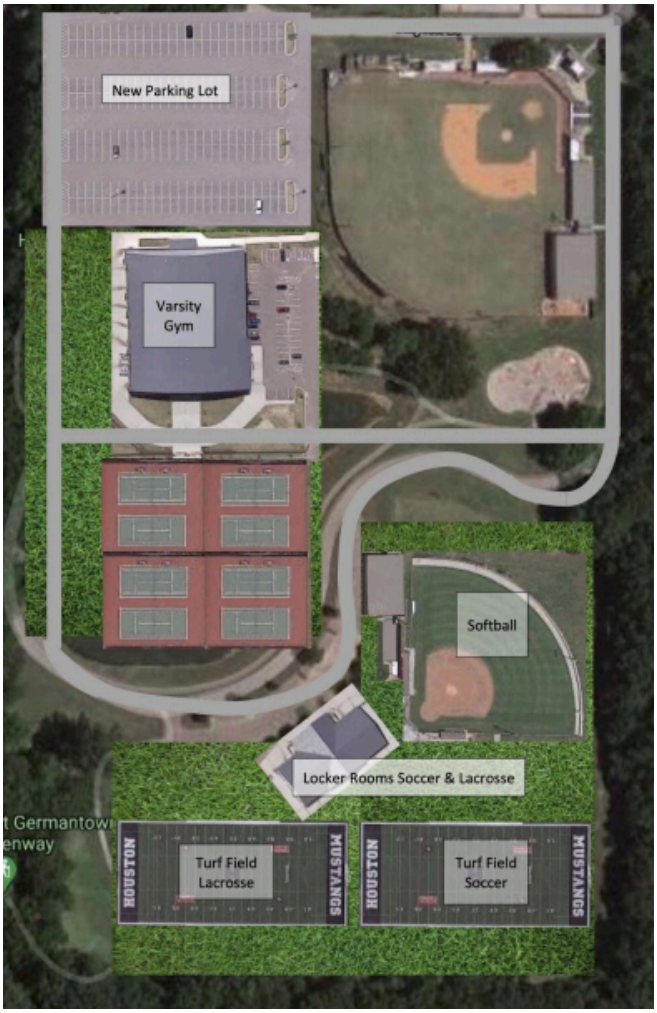
Additional Gym Outside Study Hall
- Cheer
- Pom
- Colorguard

Renovated Varsity Gym (Current Gym)
- Wrestling
- Volleyball



ARTIFICIAL TURF LONG FIELDS/ NEW TRACK

PARK FOOTPRINT



New Varsity Basketball/ Event Gym
- Visitor and Home Team Locker Rooms
- Increased visitor seating and parking
- Weight room or Fitness Center

Tennis Courts
- Current courts are not usable suitable for a team match
- 8 courts needed
- Need responsible party to generate revenue during off season

Softball Field
- Locker room
- Weight Room
- Indoor training room/ turf room

Concession Stand and Locker Rooms
- Concessions for Soccer, Lacrosse, and Softball
- Boys and Girls Soccer
- Boys and Girls Lacrosse

Two Turf Fields
- One lined for soccer and one lined for lacrosse
- Can be used for practice by other sports
- Soccer and lacrosse can use existing natural fields when necessary
- Turf is better for rainy season and requires less maintenance
- This will create the opportunity for hosting large soccer or lacrosse tournaments with availability to 4 fields

VOLLYBALL & WRESTLING GYM

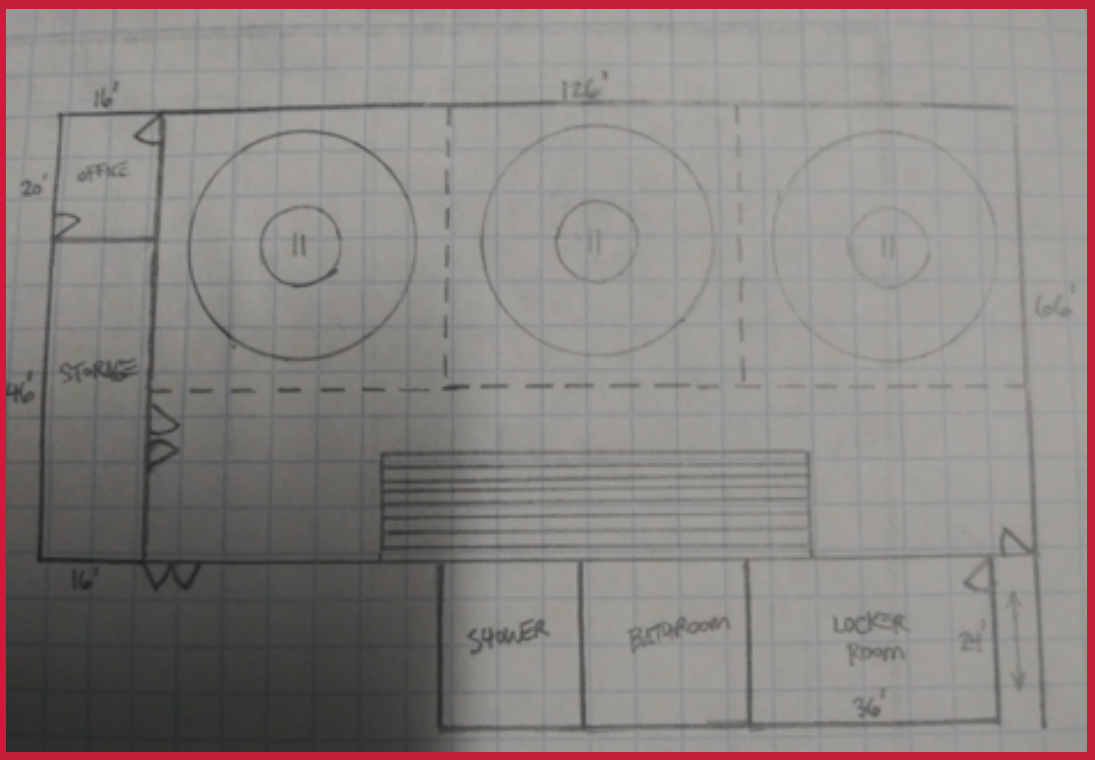
Talking points from Coach Rebecca Pendleton:

- I know that it would be amazing if we could have a facility that had 4 volleyball courts.
- A huge curtain that came down in the center that would divide the courts.
- Two locker rooms/restrooms on each side of the facility.
- A large, oversized walking track around the top of the courts. This will also have enough room to put down wrestling mats so wrestling, and volleyball can go on at the same time.
- Volleyball nets are suspended so they come down from the roof. This keeps from putting holes in the floor, as well as helps prevents injuries from the poles being in the way.
- One basketball court that covers the size of two volleyball courts so the facility would be able to have two full size basketball courts (that have the curtain in between).

Talking points from Coach Bradley McCarter:

- Wrestling Room (126 x 66) (designed to be a multi-purpose training and competition space) (includes scoreboard and retractable bleachers [60ft])
  - Mat Space = 126 x 42 (already have mats)
  - Auxiliary Space = 126 x 24
    - stationary bikes
    - climbing ropes
    - wall mounted pull-up bars
    - room for other training equipment
- Coaches' Office (20 x 16) (large window into wrestling/training area)
- Storage area (46 x 16)
- Locker Room (36 x 24) (roughly 40 open lockers)
  - Bathroom
  - Showers

Link to building diagram and outline of a structure that could house both Volleyball & Wrestling: https://cpf.iu.edu/capital-projects/projects/athletics/volleyball-wrestling-indoor-arena.html



MUSTANG SWIMMING POOL

Did you know that only available pools for the HHS swim team include: St. Georges and the University of Memphis and Tunica REC. (long course) and St. George's, Bartlett REC. and Germantown Athletics Complex (short course only)?

Pool Length – Short Course 25 yards (25 meters is not a popular distance in most areas of swimming). The 25 yard pool should be built 75 feet 1 & 3/16" long. This measurement has a 0 tolerance for being shorter and should not be more than fractions of an inch longer. Long Course 50 meters. The 50 meter pool should be built 50.03 meter long with the same tolerances applicable as above.

Pool Depth – At the starting block end 6' (or deeper) is recommended. Our rules currently allow "experienced swimmers" to dive from the side or starting blocks into 4' of water. This rule can be changed at any time. For novice swimmers who are just learning head first entry techniques, we require 6' water depth minimum. The turning end should be a minimum of 4' deep. This depth works well for most other aquatic programming such as adult exercise and learn-to-swim. The more 4' water available for programming the better. There will be a slope from the 6' water depth to the 4' water depth usually starting 26' from the starting block end wall. The degree of this slope will be governed by state codes.

Lanes – The width of the swimming lanes will be decided by the programming.

- If upper level competition will be held for high school and older swimmers, then 8' lanes should be considered.
- Some pools install extra lane line anchors so they can switch back and forth from 7' to 8' lanes.
- Some university pools may consider 9' lanes. The number of lanes will depend on programming needs.
- Usually 6 lanes are minimum for Short Course pools and 8 lanes minimum for Long Course pools. The exception being that the pool is a teaching pool adjacent or close to the main pool. Then fewer lanes may be considered.
- 8 lanes is the standard most popular pool being designed.
- Lighting should be able to be "staged" or banked for different types of programs. 50 ft. candles is minimum for normal daily activities. Extra banks of lights on separate circuits can be used to increase lighting for special events. Natural daytime lighting through sky lights and windows is also beneficial as long as glare on the surface of the pool is controlled.
- Because of city water being chlorinated and other contributing factors that can cause water quality problems from chloramines, Medium Pressure Ultra Violet water treatment units are highly recommended (imperative) for all indoor pools.



HOUSTON FITNESS CENTER

STUDENT BENEFITS	STAFF BENEFITS	ACADEMIC POSSIBILITIES
Exercise Facility that is available for elective courses	Fitness Facility that is available for all staff after school hours	Elective course for Exercise Physiology
Showcase the commitment GMSD has for student wellness	Support GMSD's Strategic Plan Goal 3: Recruit and Retain Employees	Elective course for Anatomic Kinesiology
Showcase Unique Careers Options (i.e. Athletic Trainer)	Employees are happier and more active. Leads to less time off work.	Elective course for Strength and Conditioning

Safety Considerations for the Project

1.) Cardio equipment (treadmills, ellipticals, stationary and upright bikes), weight machines would be used instead of equipment that requires loading weights (eliminates dangers of lifting weights alone)Free weights wouldn't be available for safety concerns.
2.) GMSD employees could use their ID badges to scan into the fitness facility area. Students wouldn't have access to this area unless they were in there for a class led by a teacher/instructor.
3.) Staff members could be trained/certified to teach exercise physiology, anatomic kinesiology, and proper weightlifting techniques.

