



***PROPOSED***  
**CAPITAL PROJECT**

safety...security...pride

November 14, 2018



*The connection between the environment in which our children learn and the impact on their performance is well-known. It is imperative, then, that we “build their future.”*

*When we invest in our school facilities, we invest in the future of our children. They deserve a safe and secure learning environment that they can be proud of!*

*There is really no time better than now to take on the challenging task of aligning the quality of our physical facilities with the expectations and desires we have for our students’ school experience and their overall achievement.*

*The future truly is NOW!*



Begin with the  
end in mind







## THE MASTER SITE PLAN

Completed over 2 phases:

- Phase 1 (2019)
- Phase 2 (3-5 years out)

**HARPURSVILLE CENTRAL SCHOOL DISTRICT – HOME OF THE HORNETS**





# “So you’re telling me there’s a plan?”

Phase 1 (2019 project) – allows us to take care of those “have-to” items that are beyond their useful life.

- Infrastructure – safety, security, maintenance items that ensures the critical components in our buildings are updated.
- Improve the safety and security of our schools while increasing our “hornets pride” – school/community pride becomes readily apparent across our campus.
- Major systems in both buildings will be updated – this clears the way for the district to take care of those phase 2 items.
- **We move out of a maintenance mode to an “enhancement/growth” mode!**

Phase 2 (future project, 3-5 years down the road) – allows us to address those items that SIGNIFICANTLY enhance our campus.

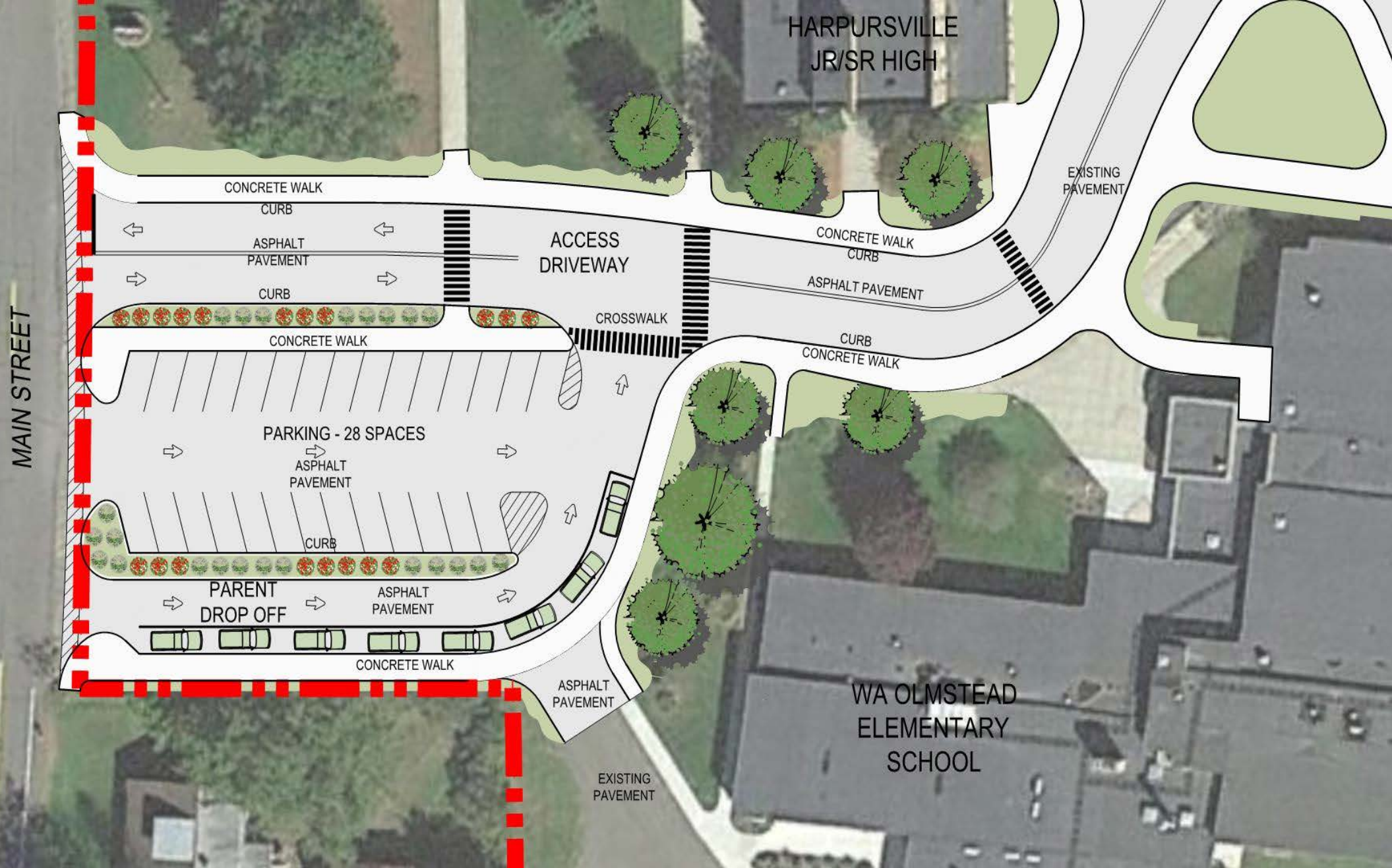
- Parking lot safety, pedestrian safety
- Providing top-notch facilities for our students (multi-purpose turf athletic field, new track, new softball field)
- Enhanced parking areas, safe traffic flow, sidewalks, lighting
- New transportation facility – on campus
- Dedicated bus loading area, drop-off/pick-up loops for both buildings.
- Overall, a much more inviting, attractive, safe campus plan.



# SCOPE OF WORK... W.A.O. ELEMENTARY (HIGHLIGHTS)

- Improve parent drop-off/pick-up
  - Walk-ways for students much safer
  - Closer to school for drop-off/pick-up
  - Traffic flow improved
  - Make entrance to campus more inviting
- Roof replacement in the 5<sup>th</sup>/6<sup>th</sup> grade wing (entire building roof will be “new” after this)
- Improve ventilation & airflow for students
  - Improved air and thermal comfort has a positive impact on concentration, health, behavior, and achievement
- Security upgrades
- New electrical feed relocated to a safer place





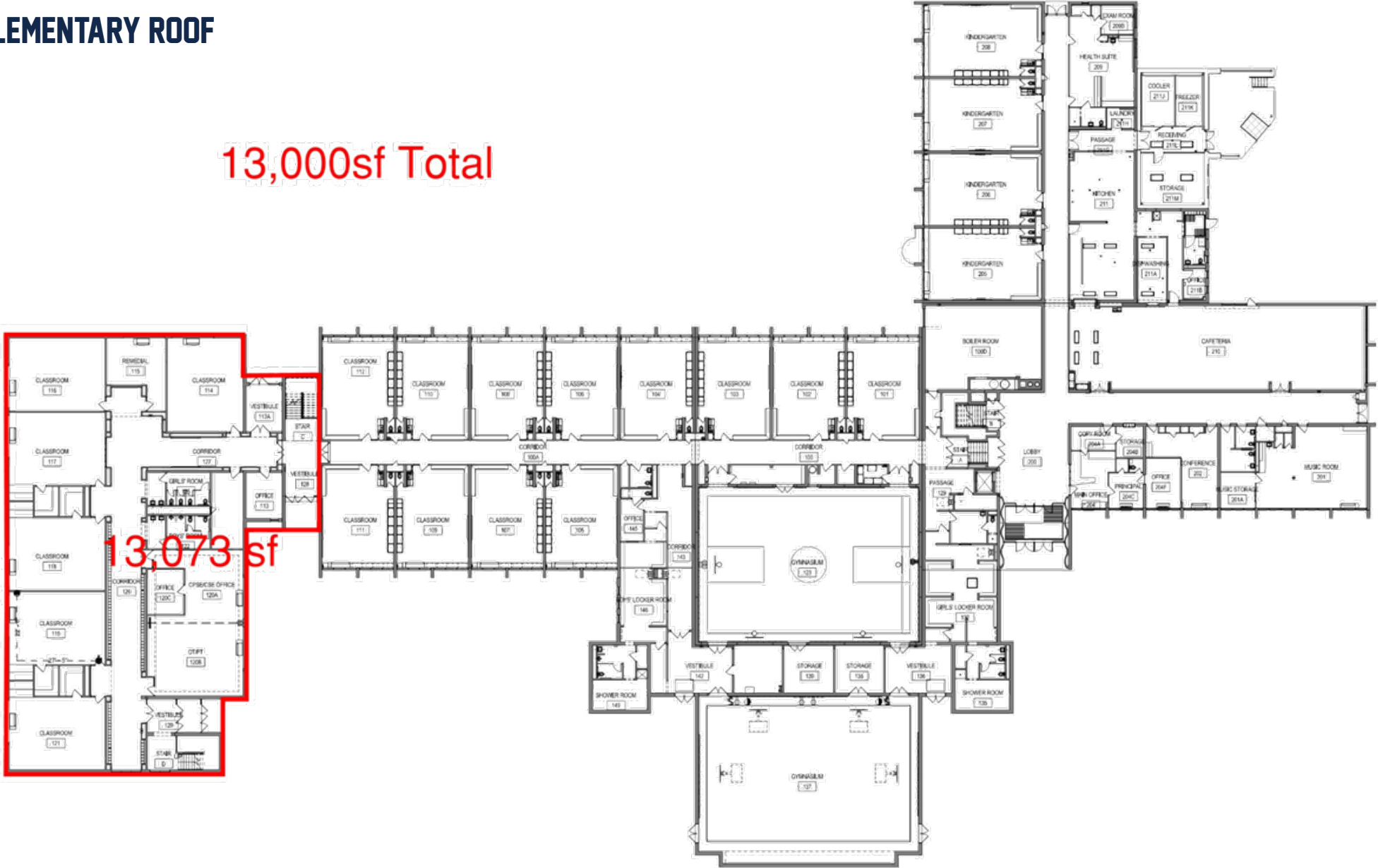
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# W.A.O. ELEMENTARY ROOF

13,000sf Total





# SCOPE OF WORK... W.A.O. ELEMENTARY

(DETAILED LOOK)

## SITE Work

- Parking lot, entry drive improvements – improve parent drop-off/pick-up

## ARCHITECTURAL

- Roof replacement in the 5<sup>th</sup>/6<sup>th</sup> grade wing (entire building roof will be “new” after this)

## MECHANICAL(HVAC)

- Replace exhaust fans, ventilation systems, and unit ventilators (many are at end of useful life; airflow improvements)

## ELECTRICAL

- Technology and security upgrades (tech infrastructure upgrades; intrusion, door contacts, additional cameras)
- Pad mounted transformer and new electrical feed (a must with site work above)

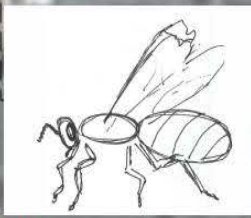
Work is estimated at about \$2.7 million. The elementary building had significant work done in the last capital project.



# SCOPE OF WORK ... JR. SR. HIGH (HIGHLIGHTS)

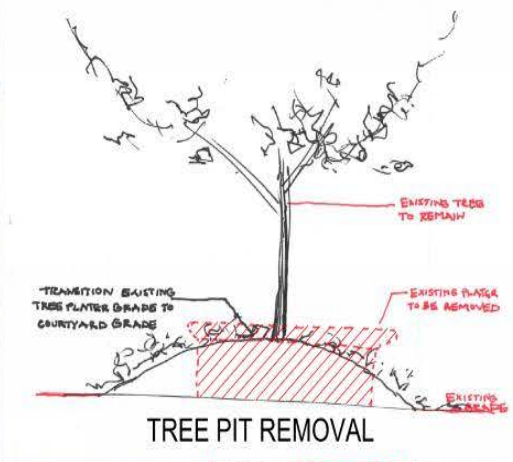
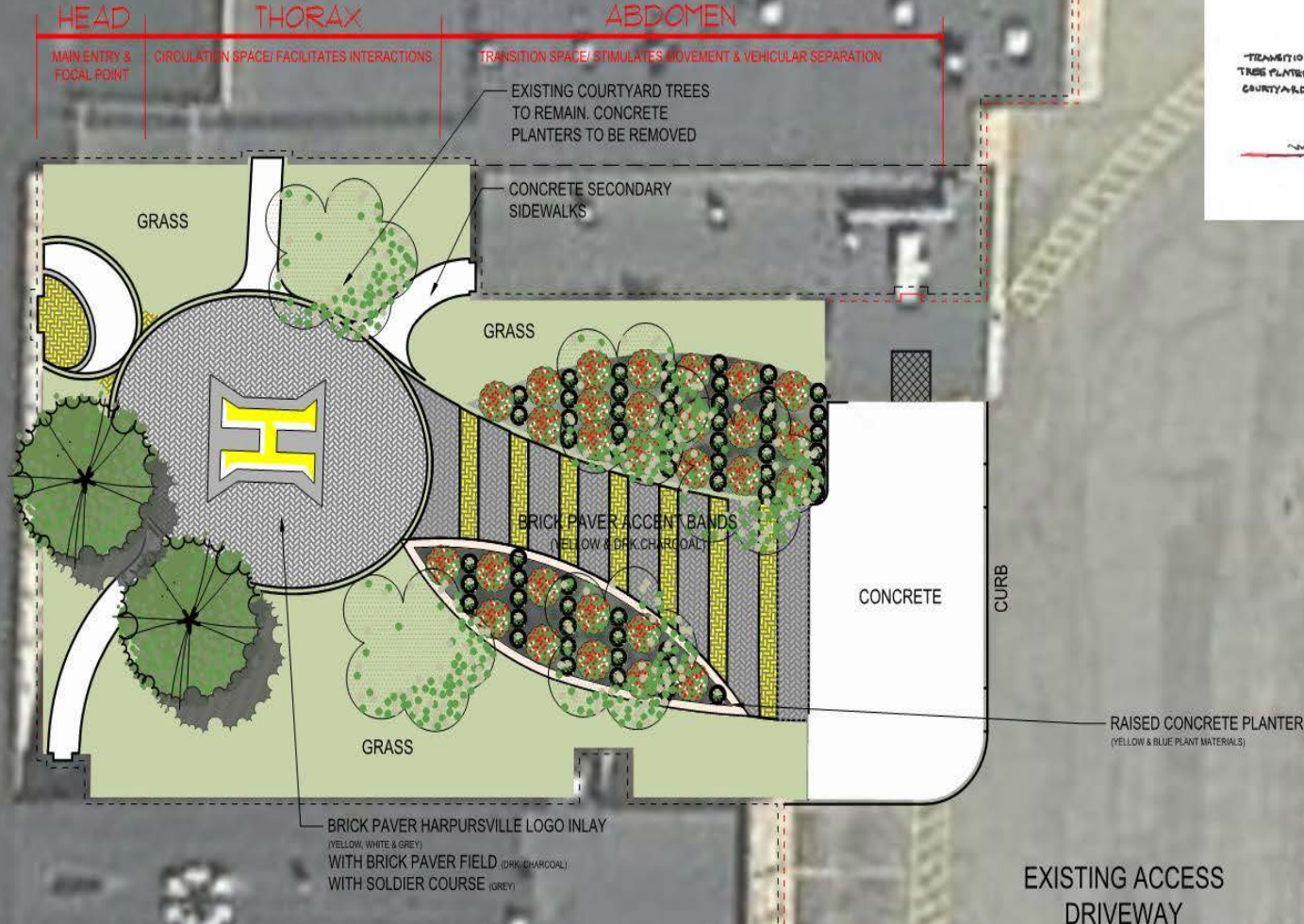
- Main entrance & courtyard enhancements (tied to septic tank)
- Improve building security features
- Blue gym gets a complete makeover; gold gym gets natural light
- Auditorium gets a complete makeover – including A/C!
- Improve ventilation & airflow for students
  - Improved air and thermal comfort has a positive impact on concentration, health, behavior, and achievement
- Lighting upgrades in all areas of the building
  - The quality of light received by students impacts their achievement and health.
- Significant roof replacement
- Replace site septic tank (very important)





# JR. SR. HIGH COURTYARD & ENTRANCE

HARPURSVILLE JR/SR HIGH

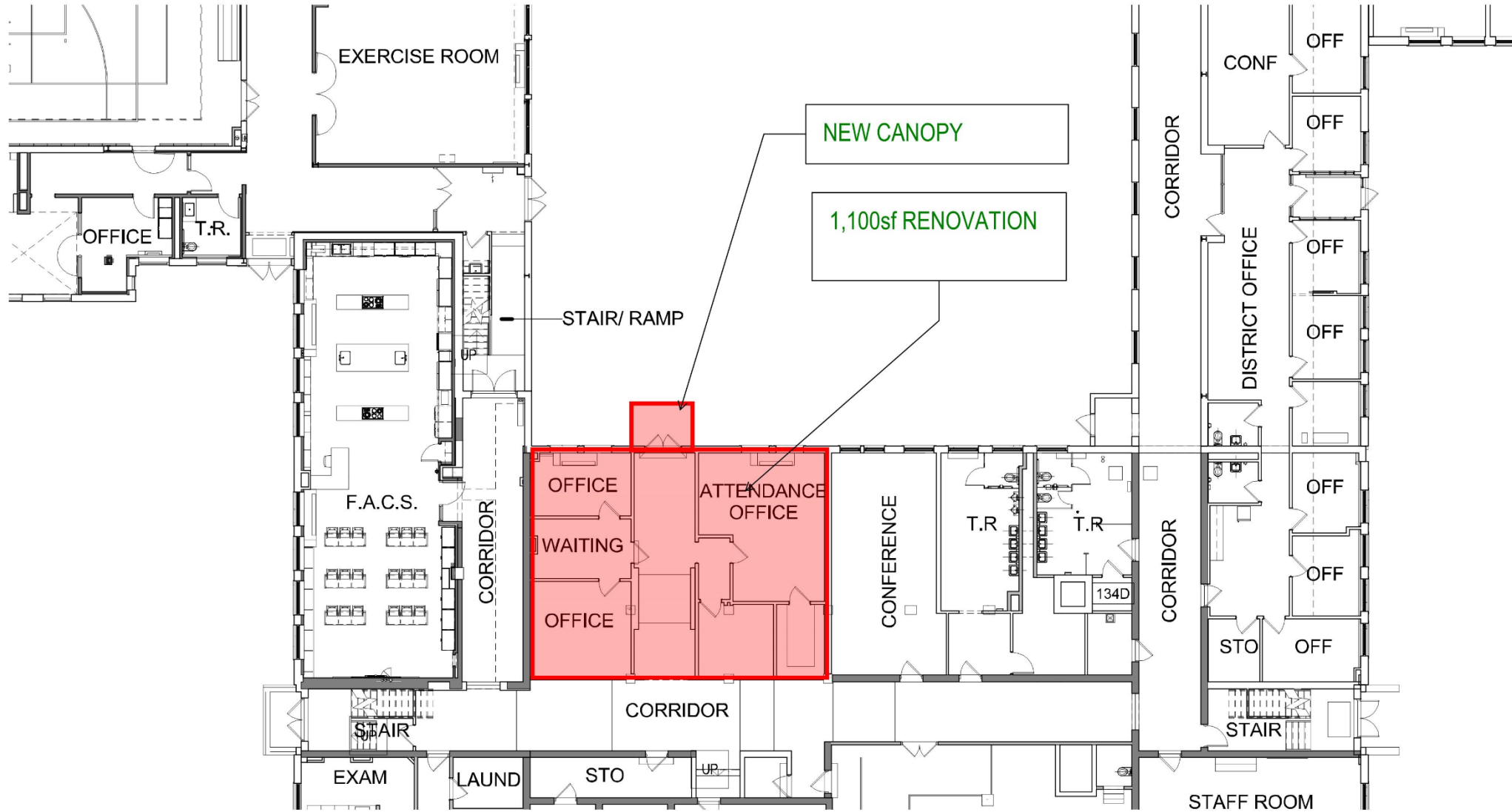


Enhancing the entrance to the building & improving our facilities branding (i.e. growing our “hornet pride”).





# JR. SR. HIGH MAIN ENTRANCE



# JR. SR. HIGH ROOF



# SCOPE OF WORK ... JR. SR. HIGH (DETAILED LOOK)

## SITE Work

- Site septic tank (very important)
- Main entrance & courtyard upgrades/renovation; other entrance improvements: stair railings in need of repair, storm drain repair

## ARCHITECTURAL

- Main entrance enhancements (security features, reconfiguration to enhance space and functionality)
- Exterior door replacement – selected doors
- Significant roof replacement on multiple roof elevations (tech/art wing, original 1935 building, 1944 addition)
- Old gym needs natural light (code requirement, windows added to side walls)
- Blue gym gets a complete makeover (bleachers, padding, basketball hoops, floor re-done with new striping and custom logo in the middle, paint)
- Auditorium – significant upgrades (new chairs, stage refinished, all lighting, sound system, paint)

## PLUMBING

- Replace galvanized piping, update bathrooms, mop basins, water coolers/drinking fountains upgrades and additions, mop basins

## MECHANICAL(HVAC) – significant work desperately needed

- Replace exhaust fans, ventilation systems, and unit ventilators (many are at end of useful life; airflow improvements)
- Various building heating systems need upgrading
- Auditorium air conditioning added; air conditioning in computer rooms, data and electrical closets added or replaced

## ELECTRICAL

- Technology and security upgrades (tech infrastructure upgrades; intrusion, door contacts, additional cameras)
- Pad mounted transformer and new electrical feed (required with auditorium A/C)
- Lighting upgrades (hallways, classroom, custodial closets, auditorium)

Work is estimated at about \$7.8 million. The Jr. Sr. High School building is in critical need of significant infrastructure work.







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# FUNDING SOURCES

Preliminary total cost of about \$10.6 million.

Capital Reserve: ~ \$505,228  
Smart School Bond Act: \$1,173,008 } about \$1,678,236 to apply toward total project cost

Building aid ratio: approx. 92%

Annual cost to the district (local share) after aid and over a 15-year repayment schedule is about \$95,000/year.

Total project financing will be approx. \$9.5 million. Thus, the *estimated impact is about:*

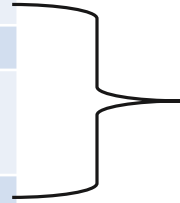
- *\$0.355/\$1,000 full value.*
- *\$35.50 on a \$100,000 home*
- *That's just under \$3 per month!*





# TIMELINE AND PLAN MOVING FORWARD

PROPOSED PROJECT TIMELINE			
Phase	Start Date	End Date	Duration
Progress Meeting	Oct. 23, 2018	Oct. 23, 2018	---
Board of Ed. Presentation	Nov. 14, 2018	Nov. 14, 2018	---
Board of Ed. Action/SEQRA/Set Vote Date	Dec. 12, 2018	Dec. 12, 2018	---
Referendum/Vote	Feb. 12, 2019	Feb. 12, 2019	---
Design	Feb. 2019	Oct. 2019	8 ½ months
3 <sup>rd</sup> Party Expedited Review	Oct. 2019	Dec. 2019	10 weeks
Bidding	Jan. 2020	Feb. 2020	4 Weeks
Award/Start Up	March 2020	April 2020	4 Weeks
Construction	May 2020	Sept. 2021	17 months
Close Out	Oct. 2021	Dec. 2021	3 months
Currently allocated 10 months for SED review. Expedited Review process is also an option to reduce review time (approx. 10 weeks)			



Engage stakeholder groups:

- Board of Education
- Student group
- Faculty & staff group
- Community group



Design phase includes continued feedback to ensure final elements reflect needs of district, stakeholder input, code, etc. while being contained within cost structure.



**THANK YOU!**



**Go Hornets!**

