

# Bloomfield Hills Schools

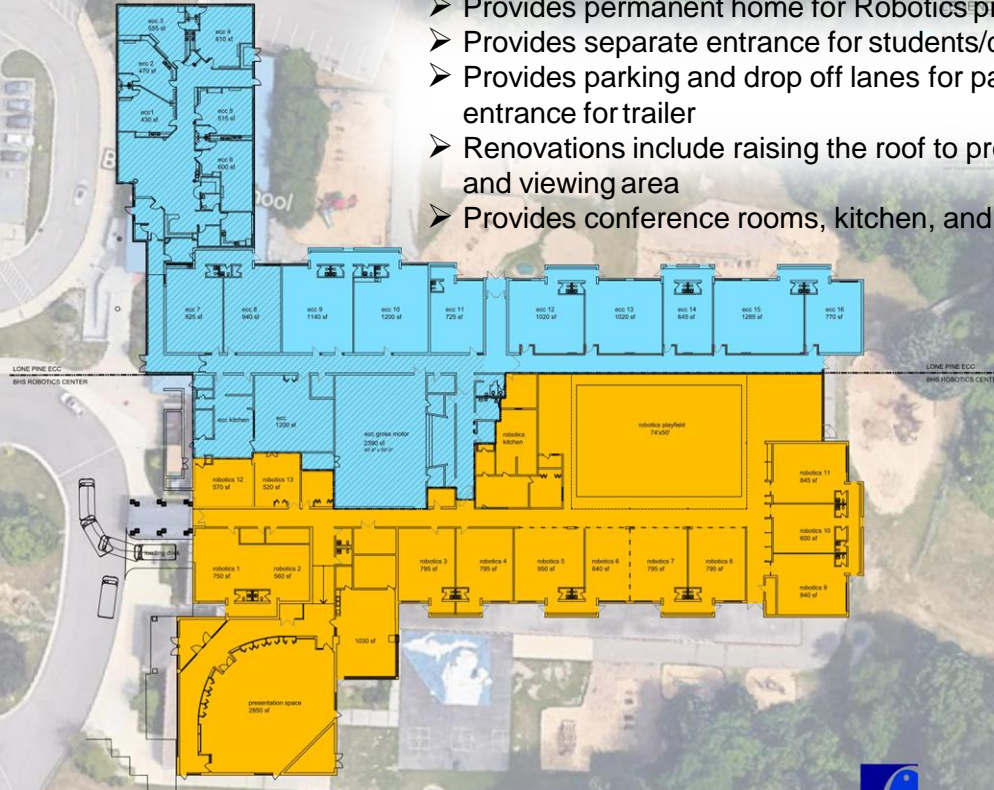
Robotic Program Overview

April 1, 2024

# Site Plan – Lone Pine

**Provide approximately 30,000 s.f. of Robotics program space** (200% increase from current facility)

- Provides permanent home for Robotics program
- Provides separate entrance for students/coaches
- Provides parking and drop off lanes for parents/coaches as well as exterior entrance for trailer
- Renovations include raising the roof to provide a 5,000 s.f. for competition floor and viewing area
- Provides conference rooms, kitchen, and support spaces for Grades 6-12



BLOOMFIELD HILLS SCHOOLS  
lone pine facility



architectural planning solutions

march, 2024

# Facility Highlights

BHS ROBOTICS CENTER



## Dedicated Robotics Loading Dock

- Driveway and garage to the building / shop for loading and unloading
- Plenty of clearance for truck and trailer access
- Dedicated parking for robotics coaches, students and events
- On-site trailer storage / parking

## Facility Improvements Overview

30,100± sf



### ecc renovations

- minor renovations to casework at 8 classrooms to comply with ecc regulations
- add corridor wall at classrooms, 175 lf
- add cross corridor door to separate from robotics

29,225± sf



### robotics renovations

- paint walls
- paint casework at kitchen
- demo walls, new flooring, ceiling, paint at west end of practice area, 400 sf
- cage off walls at dedicated build/design spaces, 150 lf
- new door for exiting
- raise practice/playfield roof/structure, 4890 sf



### no work

### building-wide

- exterior wayfinding signage
- interior wayfinding signage
- add fire protection sprinklering

# Playing Field Conceptuals

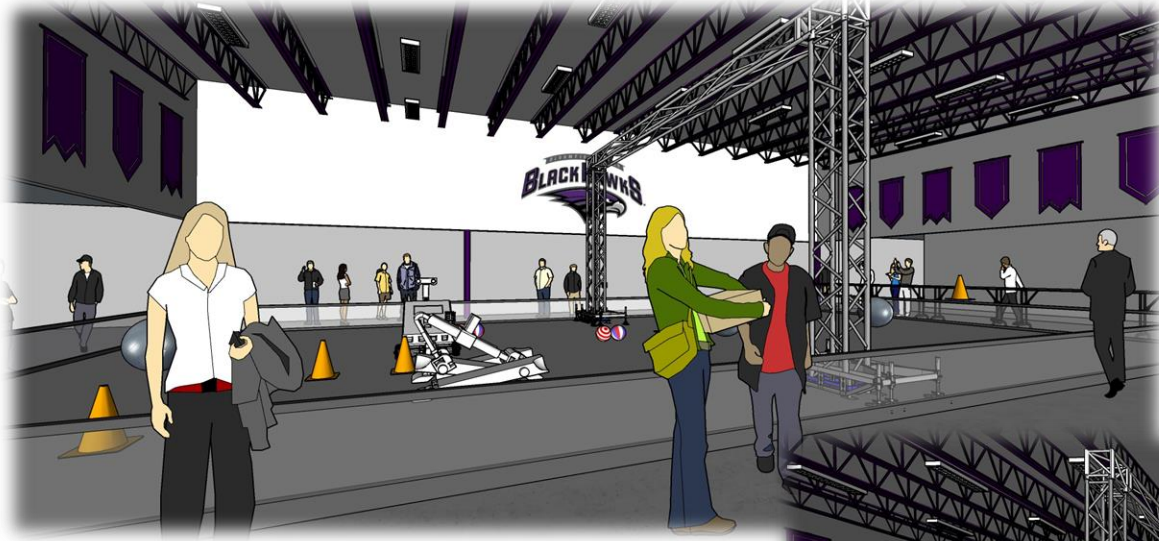




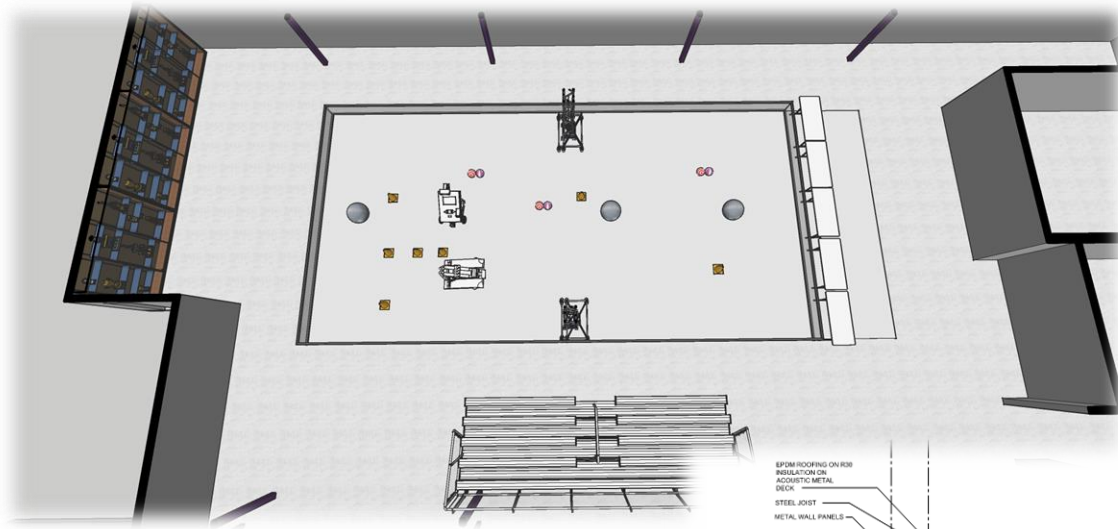
# Playing Field Conceptuals



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- Playing field: ~ 76'w x 60'd x 18.5'h
- Dedicated bleachers, walking area, and robotics staging
- Electrical and mechanical upgrades as needed
- Technology and security upgrades to be included
- Full building fire suppression system

