

## NV Demarest - Tennis and Basketball Courts

### Current



### Current Problems

- 30 year old tennis courts (life span is 15 years)
- Basketball courts have cracks on base
- Galvanized fence is rusted
- Spectators stand along Knickerbocker Road
- Average cost of repairs \$19,000 per year

### Proposed



Basketball courts will move to the center so that bleachers (**yellow** squares) can be accommodated for team and spectator seating.

### Proposed Solution

- New tennis courts
- New basketball courts
- New vinyl fence (will require demolition, removal of old fence and ground preparation)
- New bleacher seating in center of courts
- State of the art base and top coat
- Community wellness use

## NV Demarest - Track Renovations

### Current



### Current Problems

- Track is 12 years old (life span is 8 years)
- Severe wear and tear
- Average cost of repairs \$6,000 per year
- Affects athletic track, high jump, javelin and pole vault runways during physical education classes and competitions

### Proposed



### Proposed Solution

- Newly installed cushioned surface on all track and field areas
- Track will be safe for use
- Will enable the district to continue to provide educational programs mandated by the State as well as competitions
- Community wellness use

## NV Demarest - STEM Classrooms

Current



Proposed



Current Problems

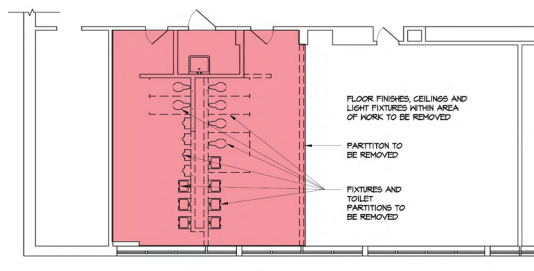
- Old fashioned wood shop classroom and design
- Offers classes designed for programs dating from 1950 through 1970
- Antiquated equipment unable to perform to the standards required to meet course objectives

Proposed Solution

- New STEM center
- Facilities will offer classes in Science, Technology, Engineering and Mathematics
- State of the Art equipment such as: 3-D printers, laser cutters and design tools
- Some courses to be offered include Engineering Design, Innovations & Inventions, Computer Science

## NV Demarest - Forensics Lab

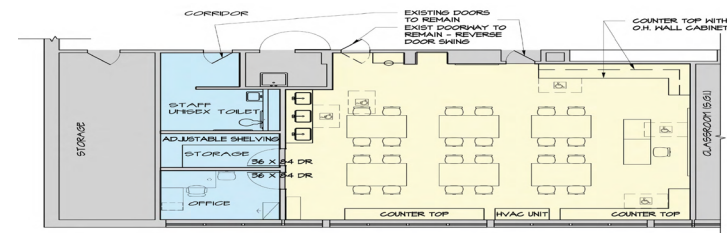
### Current



### Current Problem

- Shared chemistry lab
- Students sit in hallway, supply closets and book rooms when available
- Students are closed out of science classes
- No storage for forensic supplies
- Room size is 675 square feet

### Proposed



### Proposed Solution

- Students will have a designated lab
- Will create a more conducive learning environment
- Additional science elective courses will be able offered
- New storage will be created
- Room size will increase to 1,140 square feet

## NV Demarest - Roof Top HVAC Units

### Current



### Proposed



### Current Problems

- Average age of the units are 13 years old
- Demarest has 17 units that need to be replaced

### Proposed Solution

- Replace units with state of the art energy efficient units.
- Will provide a more comfortable and better learning environment

## NV Demarest - Auditorium

### Current



### Current Problems

- Outdated and partially functioning equipment
- Sound does not function well
- Unsafe for student use

### Proposed



### Proposed Solution

- All new equipment
- Upgrades will focus on career skills (stagecraft and stage management)
- Will provide the enhancements needed for musicals, seasonal concerts and presentations

## NV Demarest - Security Cameras

### Current



### Current Problems

- Security cameras are analog and outdated
- Only provide blurry and distorted images making it difficult to view
- This is a serious safety issue

### Proposed

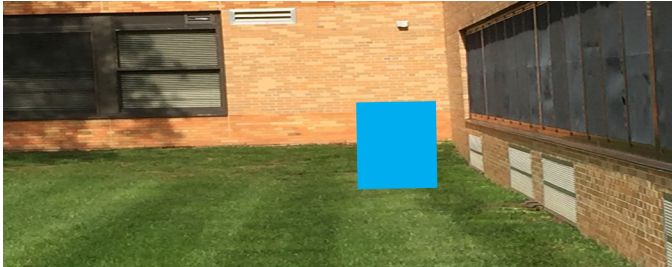


### Proposed Solution

- Replace cameras with new high definition digital cameras
- Will provide sharper images that will allow for easy viewing
- Enhance safety for students, staff and public

# NV Demarest and Administration Building - Emergency Generators

## Current

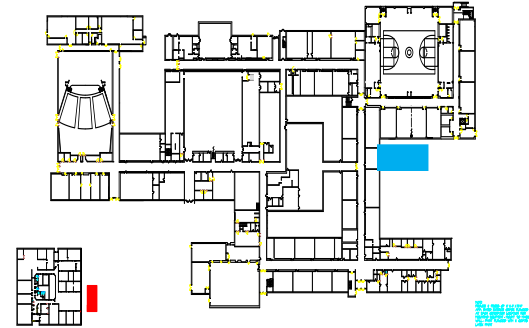


Demarest



Administration Building

## Proposed



## Current Problems

- Power outages for long periods of time causing lost instruction time
- Phone, internet, security and fire alarms are not functionable during power outage
- Unsafe for all students and administration

## Proposed Solution

- Two generators will be installed
- Will provide power to phones, internet, security and fire alarms to both schools
- Will allow schools to operate independently
- Will make schools safer for all



## NV Old Tappan - Tennis and Basketball Courts

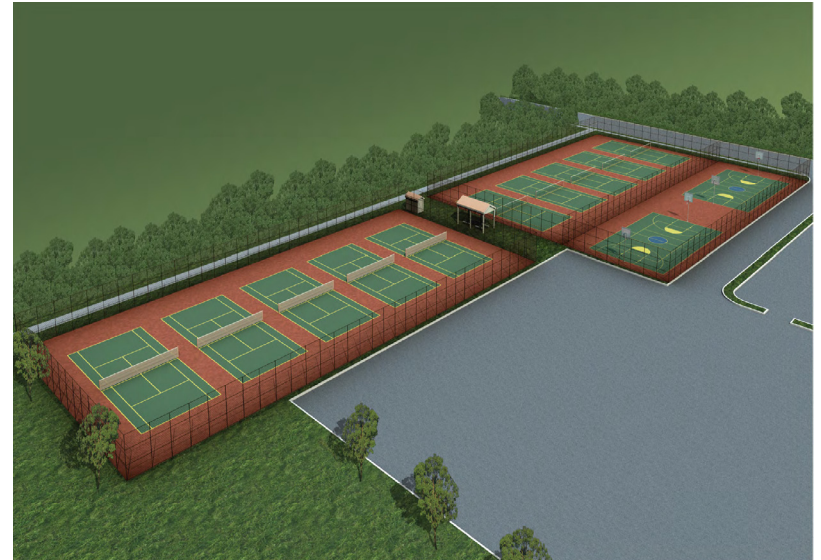
### Current



### Current Problems

- 30 year old tennis courts (life span is 15 years)
- Basketball courts have cracks on base
- Galvanized fence is rusted
- Average cost of repairs \$19,000 per year
- Courts were condemned as unsuitable for use in Spring 2015

### Proposed

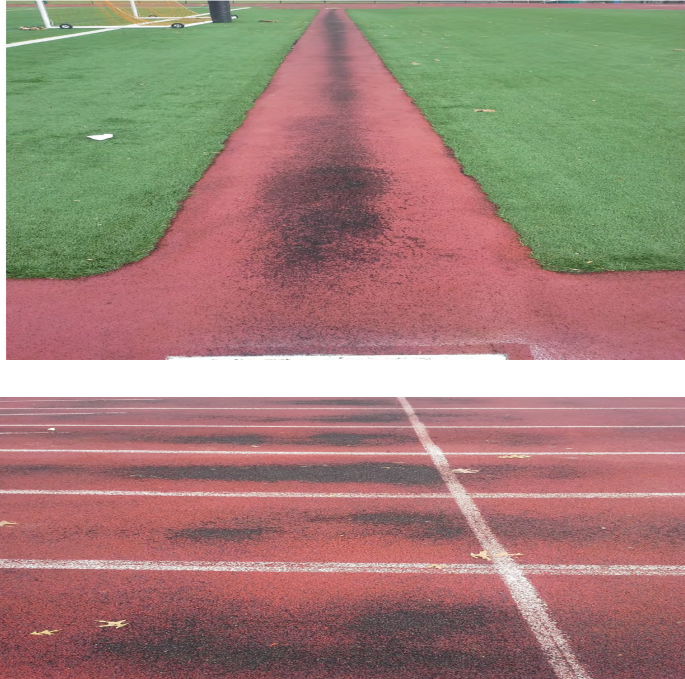


### Proposed Solution

- New tennis courts
- New basketball courts
- New vinyl fence
- State of the art base and top coat
- Community wellness use

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## NV Old Tappan - STEM Classrooms

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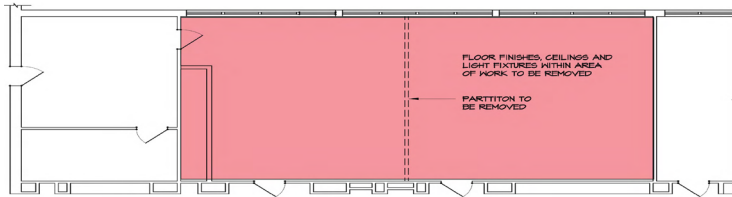


### Proposed Solution

- New STEM center
- Facilities will offer classes in Science, Technology, Engineering and Mathematics
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## NV Old Tappan - Physics Lab

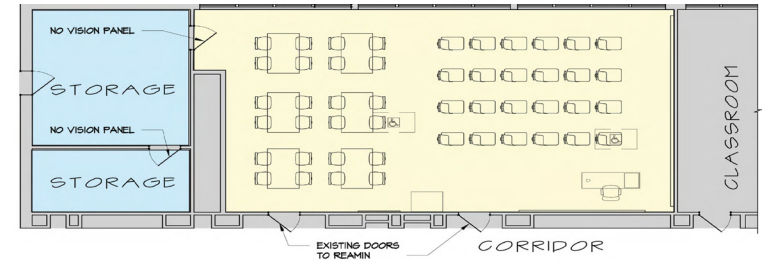
### Current



### Current Problem

- Lack of adequate lab space
- Classes conducted in ordinary classrooms
- Hands on activities are minimized due to room constraints
- Room sizes are 625 and 550 square feet

### Proposed



### Proposed Solution

- Students will have a designated lab
- Will create a more conducive learning environment
- Will provide more lab opportunities, which is in line with the Next Generation Science Standards
- Room size will increase to 1,175 square feet

## NV Old Tappan - Roof Top HVAC Units

### Current



### Proposed



### Current Problems

- Average age of the units are 15 years old
- Old Tappan has 20 units that need to be replaced

### Proposed Solution

- Replace units with state of the art energy efficient units.
- Will provide a more comfortable and better learning environment

## NV Old Tappan - Auditorium

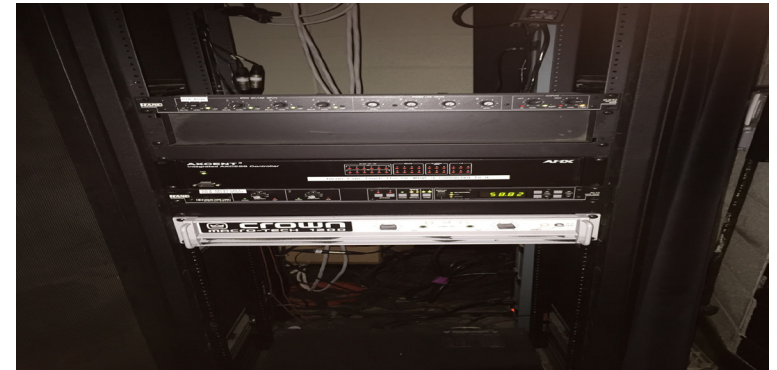
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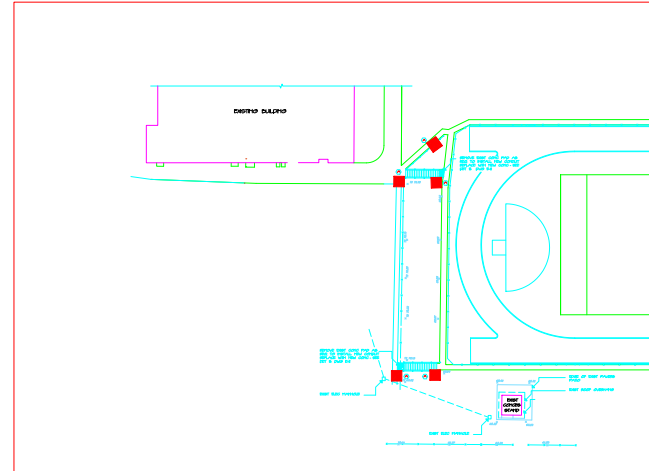
# NV Old Tappan - Exterior Security Lighting

## Current



Proposed area for new lighting (**yellow** circles)

## Proposed



## Current Problems

- No lights along paths to field
- Noisy portable generator/lights are used

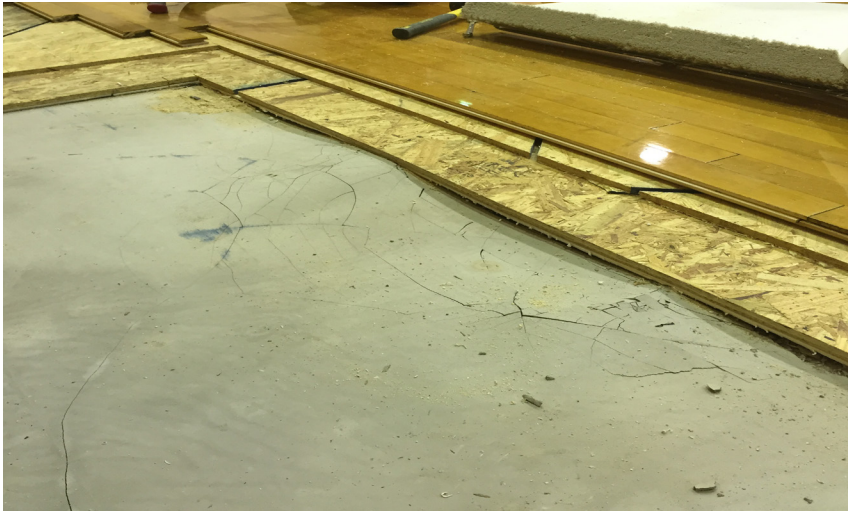
## Proposed Solution

- Pole mounted LED lights will be installed along pathways (**red** squares)
- Noise reduction and no need to rent/borrow lights



## NV Old Tappan - Gymnasium

Current



Proposed



### Current Problems

- Wood floor has buckled due to deterioration of sealer on concrete base floor
- Safety issues during physical education classes and athletic events

### Proposed Solution

- Concrete base will be repaired and new sub-base and floor will be installed
- Gym floor will be safe for use

## **Northern Valley Regional High School Referendum 2016**

**If the referendum passes, the district will go out to bid on March 9, 2016 and anticipate the work on the projects to begin in June 2016. The district will be entitled to receive state aid in the amount of \$0.38 per \$1.00.**

**If the referendum does not pass, the district is responsible to make the repairs, which will be completed over a longer period of time, without receiving any state aid.**