### NORTH PENN HS ASSESSMENT HIGHLIGHTS

#### SITE
- ADA upgrades to building and to athletic fields
- Paving repair
- Drainage upgrades to eliminate ponding water and erosion
- Sidewalk and curb concrete repairs and replacement

#### BUILDING
- ADA upgrades
- Replace roofing system
- Replace windows and door systems
- Replace masonry sealants, flashing etc.
- Replace misc. finish systems throughout
- Improve administrative secure entry

#### ELECTRICAL AND LIGHTING
- Replace all lighting interior & exterior
- Replace most of the power distribution system (switchboards and panelboards)
- Add second transfer switch and new full building generators

#### HVAC
- Selectively replace HVAC system
- Replace hot water plant. Repair boilers
- Replace chillers
- Replace HVAC controls with fully integrated DDC system into the District-wide system
NORTH PENN HS ASSESSMENT HIGHLIGHTS

PLUMBING & FIRE PROTECTION
- Replace plumbing fixtures with ADA compliant water saving devices in areas other than the 1999 and 2004 additions
- Upgrade plumbing drainage systems
- Verify Lead Free requirements for potable water plumbing systems
- Replace water piping
- Provide high efficiency gas-fired water heaters
- Provide a sprinkler fire protection system to areas not currently covered. 1999 and 2004 areas have fire protection

SAFETY & SECURITY
- Increase CCTV quantities with night vision
- Upgrade fire alarm system
- Replace all safety and security devices

TECHNOLOGY
- Some data cabling system upgrades
- Update all AV technology
- Replace technology systems
NORTH PENN HS EXISTING PLAN

First Floor Plan  Second Floor Plan  Third Floor Plan
<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>CAPACITY</th>
<th>NET SQUARE FEET</th>
<th>GROSSING FACTOR</th>
<th>GROSS SQUARE FEET</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>students</td>
<td>total</td>
<td></td>
</tr>
<tr>
<td>A. AREA SUMMARY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 New Program Area</td>
<td>125,216 nsf</td>
<td>1.58 *</td>
<td>197,841 gsf</td>
<td></td>
</tr>
<tr>
<td>* Note that the PDE allowable grossing factor is 1.58.</td>
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<tr>
<td>B. CAPACITY SUMMARY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Core Teaching Stations</td>
<td>47</td>
<td></td>
<td>students</td>
<td></td>
</tr>
<tr>
<td>2 Teaching Stations</td>
<td>1,175</td>
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<td>3 Utilization Factor</td>
<td>85%</td>
<td></td>
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<tr>
<td>4 Effective Student Capacity</td>
<td>998</td>
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<td>students</td>
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<td>C. AREA ANALYSIS</td>
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<tr>
<td>1 Square Feet per student: Planned</td>
<td>198</td>
<td></td>
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</tr>
<tr>
<td>2 Square Feet per student: Goal</td>
<td>190-200</td>
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<td></td>
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<tr>
<td>3 Square Feet per student: Actual</td>
<td>-</td>
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<tr>
<td>D. AREA COMPARISON (Program)</td>
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<tr>
<td>1 Learning Spaces</td>
<td>84,436</td>
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<td>133,409 gsf</td>
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<tr>
<td>2 Admin &amp; Staff</td>
<td>5,324</td>
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<td></td>
<td>8,412 gsf</td>
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<tr>
<td>3 Community Spaces</td>
<td>10,986</td>
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<td>17,356 gsf</td>
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<tr>
<td>4 Media Resource</td>
<td>-</td>
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<td></td>
<td>- gsf</td>
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<tr>
<td>5 Fitness &amp; Wellness</td>
<td>13,670</td>
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<td></td>
<td>21,599 gsf</td>
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<tr>
<td>6 Performing and Visual Arts</td>
<td>7,300</td>
<td></td>
<td></td>
<td>11,534 gsf</td>
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<tr>
<td>7 Facility Support</td>
<td>3,500</td>
<td></td>
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<td>5,530 gsf</td>
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<tr>
<td>TOTAL GSF</td>
<td>125,216 nsf</td>
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<td>197,841 gsf</td>
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</table>

**E. AREA CHART**

NORTH PENN SCHOOL DISTRICT

200,000 s.f. approx.
The 9th Grade Center can function independently as NPSD transitions and may be merged as the HS program evolves

- Shared athletics, with additions
- Shared food services, with additions
- Shared media center/library
- Shared performing arts, visual arts & STEM spaces
- 9th Grade Center allows for swing space during phased HS construction in lieu of the cost of modular
- Complete overhaul of the existing building to allow for a 30 year (minimum) building
9th Grade Center New Construction
(9th grade added from K-Pod down to dining)

Concept Budget Estimate $70-75 million

* Estimate to the midpoint of construction in 2022
Renovations to & Space Conversion within Existing Bldg.
(Renovations of all team areas to provide open project space, STE(A)M spaces, etc.)

Concept Budget Estimate  $160-170 million

* Estimate to the midpoint of construction in 2025
## PROPOSED SCHEDULE

<table>
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<tr>
<th>PHASE</th>
<th>TIMELINE</th>
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<tr>
<td>DESIGN PROCESS</td>
<td>Jan 2020 – June 2023</td>
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<tr>
<td>CONSTRUCTION – NEW</td>
<td>Sept 2021 – Aug 2023</td>
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<tr>
<td>CONSTRUCTION – PHASED RENOVATIONS</td>
<td>June 2023 – June 2027</td>
</tr>
<tr>
<td>COMPLETE SITE CONSTRUCTION</td>
<td>June 2027 – Dec 2027</td>
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