PROJECT UPDATE

DESIGN DEVELOPMENT MEETINGS WITH STAFF

- A second round of staff meetings scheduled for October 25th
- On-going meetings with all end-users; safety/security [Act 44] and technology meeting to be scheduled

LAND DEVELOPMENT SUBMISSION

- Preliminary/Final submission - met with staff October 10 to review comments
- Quakertown Borough Planning Commission meeting – date pending in November
- PA DEP General Permit (longest lead time) - comments anticipated in January 2019
PROJECT SCHEDULE

- **DESIGN DEVELOPMENT**
  - November/December 2018
    - Complete Design Development (DD) documents - Nov. 19
    - Prepare DD Cost Estimate – Nov. 19 – Dec. 7
    - Reconcile DD Estimate/Prepare Act 34 Booklet

- **January 2019**
  - Review DD estimate with Facilities and School Board
  - Resolution to Approve the Act 34 Hearing

- **ACT 34 HEARING**
  - February 2019
    - Additions exceed 20% of the existing construction
    - Public Hearing to understand the scope and cost of the project

- **BIDDING**
  - Bid End of March 2019; NTP End of May 2019
### Project Cost History

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>District-wide Facility Study</th>
<th>Pre-Design Phase</th>
<th>Concept Phase</th>
<th>Schematic Design (SD)</th>
<th>Design Development (DD)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SGA Facility Assessment</td>
<td>SGA/QCSD Estimate</td>
<td>SGA Option D Concept Estimate</td>
<td>DEI Schematic Design</td>
<td>[PENDING]</td>
</tr>
<tr>
<td></td>
<td>October 2016</td>
<td>December 2017</td>
<td>May 2018</td>
<td>Estimate August 2018</td>
<td>November 2018</td>
</tr>
</tbody>
</table>

| Renovation SF          | 45,764                       | 45,764                               | 29,595                             | 28,650                | under review            |
| Addition SF            | 18,180                       | 58,490                               | 58,650                             | 54,750 +/-           |
| Demolition SF          |                               | 29,595                               |                                    |                       |
| Total Building SF      | 45,764                       | 63,944                               | 88,085                             | 87,300                |
| Building Cost          | $8,030,119                   | $14,264,233                          | $21,940,971                        | $21,339,778          | TBD                     |
| Site Cost              | $1,665,000                   | $2,180,000                           | $2,180,000                         | $2,354,430           | TBD                     |
| Soft Costs             | $2,409,036                   | $4,353,216                           | $4,501,645                         | $6,304,940           | TBD                     |
| **TOTAL**              | **$10,439,155**              | **$20,282,449**                      | **$28,622,616**                    | **$29,999,148**      | TBD                     |

### Project Scope

- Baseline cost to upgrade systems, renovate to bring up to code & current standards; no program modifications
- Renovate the existing building; 10 classroom & cafeteria addition only; sitework limited to receive the building
- Program equitable to Pfaff ES (85,000 s.f.): new gym & stage; enlarged admin. and cafeteria; new small (SGI) & large group instruction (LGI) rooms; fully renovate the existing building to remain; separate
- Includes contingency for market conditions and increased sitework and soft costs
- Considers approximately 3,900 +/- less s.f. with gym and SGI/LGI reductions; construction in an unoccupied building

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Decision to create design parity with Pfaff Elementary School

Decision to relocate children to eliminate phasing/improve safety

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$8,030,119

Decision to create design parity with Pfaff Elementary School

Decision to relocate children to eliminate phasing/improve safety
## NEIDIG PROGRAM UPGRADES – CURRENT VS NEW

<table>
<thead>
<tr>
<th>Space</th>
<th>Current Number</th>
<th>New Building Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>K – 5 Homerooms</td>
<td>17</td>
<td>23</td>
</tr>
<tr>
<td>Special Education Rooms</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Including 2 new specialized programs</td>
</tr>
<tr>
<td>Pre-K Classroom</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Band Room</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Music Classroom</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Art Room</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Dedicated Gymnasium</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Guidance Office</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Principal’s Offices</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Reading Room</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>IST</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Large Group Instruction Areas</td>
<td>1 (MPR)</td>
<td>4</td>
</tr>
<tr>
<td>Small Group / Office Spaces</td>
<td>4</td>
<td>13</td>
</tr>
<tr>
<td>Conference Room</td>
<td>1 (small)</td>
<td>1 (larger)</td>
</tr>
<tr>
<td>Library</td>
<td>1</td>
<td>1 (expanded)</td>
</tr>
<tr>
<td>Group Bathrooms</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Faculty Room</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Current Capacity: 434 students  
Proposed Capacity: 625 students  
- (2) ½ Kindergarten  
- (1) Full-day Kindergarten  
- 4 clrms/grade level (1<sup>st</sup> – 5<sup>th</sup>)
To maintain the proposed educational program, the following cost reductions that are **not** being considered:

- Eliminating the Learning Stair
- Eliminating the stage between the new gym and existing cafeteria – the existing cafeteria proposed to serve as the “stage” for the gymnasium

Cost reductions being implemented that will have a positive or no effect on the educational program:

- Relocating students and renovating building unoccupied
- Eliminate the folding partition between the new stage and cafeteria
- Casework reductions in the classroom
- Concrete curb reductions on-site
- Reduce and/or eliminate soffits/bulkheads in corridors throughout
General Design Considerations

- Toilet room design / gender neutral

Still under review:

- Flat EPDM roof over gym or pitched roof with asphalt shingles
- Existing EPDM roof over existing classroom wing or pitched roof with asphalt shingles
- Extent of proposed demolition/new construction
- Extent of curtainwall glazing vs storefront
- Steel frame vs masonry load bearing

Cost increases/reductions anticipated since Schematic Design estimate:

- Storm water basin added for storm water management
- Kitchen equipment estimate higher than SD budget
- Abatement costs lower than SD estimate
Design Development Decision:
- 1,100 s.f. reduction at proposed gym to be equitable to Pfaff ES
- Reduce s.f. in new 2-story classroom wing – modify SGIs and LGIs

Decision when Bids are Received – Alternates:
- Refinish existing wood floor in cafeteria in lieu of replacement
- Provide ceramic tile wainscot in corridors in lieu of PL wood finish
- Eliminate one or both dormers at new 2-story addition
- Other finish alternates (TBD)
REDUCE GYM S.F.

- Reduces Total Building by ~1,100 SF
- Gym size equal to Pfaff ~5,500 SF
CURRENT PLAN:
POSSIBLE S.F. REDUCTION

First Floor

Square footage reduction

SGI

SGI

SGI

SGI

SCHRADErGROUP
CURRENT PLAN:
POSSIBLE S.F. REDUCTION

SECOND FLOOR

SGI

Square footage reduction

SGI

SGI

SGI
PROPOSED S.F. REDUCTION

FIRST FLOOR

SGI  SGI  SGI  SGI
PROPOSED S.F. REDUCTION

SECOND FLOOR
PROPOSED NEIDIG ELEMENTARY SCHOOL

VIEW OF NEW MAIN ENTRANCE AND 2-STORY CLASSROOM WING

SCHRADERCGROUP
RENDERING

VIEW OF PARENT DROP-OFF AND NEW ADDITION

SCHRADERGROUP
VIEW OF LOBBY FROM SECOND FLOOR OF LEARNING STAIR
STUDY MODEL

CAFETERIA
STUDY MODEL

TYPICAL CLASSROOM LAYOUT IN EXISTING WING TO REMAIN
STUDY MODEL

TYPICAL CLASSROOM LAYOUT IN NEW CLASSROOM ADDITION

SCHRADERGROUP
VIEW OF CORRIDOR - LIBRARY ON THE RIGHT
FIRST FLOOR LGI IN NEW 2-STORY CLASSROOM ADDITION
SECOND FLOOR LGI IN NEW 2-STORY CLASSROOM ADDITION
QUAKERTOWN COMMUNITY SCHOOL DISTRICT

Partnering to enhance the student experience!

THANK YOU!