

Todd Lane Renovation Project

Opening of School 2017-2018
Wednesday, September 6, 2017



History of Design and Development

- March 2015 CVSD advertised for RFP for feasibility study of District facilities
- May 2015 CVSD interviewed architectural firms to perform feasibility study
- May 2015 hired Crabtree, Rohrbaugh & Associates as District architect to perform feasibility study on all District facilities
- January 2016 authorization for Crabtree, Rohrbaugh & Associates to move forward with the design and development for comprehensive renovations to Todd Lane Elementary School
- January 2017 CVSD applies to PDE for PlanCon approval for comprehensive renovations to District facilities
- May 2017 construction bids were awarded for the Todd Lane Project
- June 2017 construction commences on Todd Lane Elementary School

Building Enhancements

- Site Improvements - Entrance, Parking, Playground
- Safety - Security Doors and Surveillance Cameras
- Infrastructure - General Construction (Doors, Windows, Floors, Ceilings, Lighting, ADA Compliance), Air Conditioning, Electrical Upgrades, Plumbing Upgrades
- Educational Spaces - Learning Stairs, LGI, Science Labs, Makerspace, Music, Art, Library, Gymnasium, Special Education, General Classroom Upgrades
- Efficiency Improvements - Kitchen, Cafeteria, Loading Dock

Phasing Plan

- **Phase 1 - Grade 4 Classrooms, New Kitchen and Cafeteria, Mechanical Room and Nursing Suite (Due to be complete December 2017)**
- Phase 2 - Grade 5 Classrooms, General Office, Gymnasium Stage Demolition
- Phase 3 - General Office Demo, Music Room Demo, Practical Arts Classrooms
- Phase 4 - Grade 3 Classrooms, Gymnasium, Latchkey, Learning Stairs, Site Improvements

DEMOLITION, RENOVATIONS AND CONSTRUCTION OF CAFETERIA & KITCHEN, INCLUDING RELATED CIRCULATION & SUPPORT SPACES AND ASSOCIATED SITE WORK. 18 = COMPLETE OUTDOOR PLAZA WORK IF ALTERNATE BID IS ACCEPTED.

2 JUNE 5, 2017 - JULY 24, 2018 (415 CALENDAR DAYS)

RENOVATIONS TO NEWEXISTING MEP/FP SPACES, NEW NURSE'S SUITE, NEW EXISTING CUSTODIAL MAINTENANCE AREA, PUBLIC RESTROOMS, CORRIDORS AND GYM SUPPORT SPACES, CONSISTS OF ALL RELATED SITE WORK, INCLUDING LOADING DOCK. THE NEW CORRIDOR (CONNECTING FUTURE LOBBY & GYM) SHALL BE COMPLETED AT THE SAME TIME AS 1.1. COMPLETION OF OTHER SPACES SHALL BE AS FOLLOWS:

A MECHANICAL/BOILER ROOM: WORK SHALL BE ONGOING AS NEEDED THROUGH PROJECT'S SUBSTANTIAL COMPLETION. NEW WATER HEATERS SHALL BE ONLINE BY THE BEGINNING OF THE 2017-2018 SCHOOL YEAR, BY AUGUST XX, 2017 (XX CALENDAR DAYS). ALL OTHER NEW EQUIPMENT IN ROOM SHALL BE ONLINE BY OCTOBER 6, 2017 (124 CALENDAR DAYS).

B MAIN ELECTRICAL & EMERGENCY POWER ROOMS: NEW SERVICE ROOMS SHALL BE COMPLETED WITH EQUIPMENT ONLINE BY DECEMBER 29, 2017 (208 CALENDAR DAYS), AT WHICH TIME THE EXISTING MAIN ELECTRICAL ROOM AND UNDER-SLAB TRANSFORMER VAULT MAY BE DECOMMISSIONED AND REPURPOSED INTO NEW SPACES.

C MDF ROOM: NEW MAIN DATA ROOM SHALL BE COMPLETED WITH EQUIPMENT ONLINE BY SUBSTANTIAL COMPLETION OF SEQUENCE 1.3. EXISTING MDF CLOSET MUST REMAIN OPERATIONAL THROUGHOUT PHASE 2. SEE ELECTRICAL DRAWINGS.

D FIRE PUMP ROOM: NEW PUMP ROOM CONSTRUCTION WITH EQUIPMENT ONLINE BY PROJECT'S SUBSTANTIAL COMPLETION DATE. WORK MAY NOT COMMENCE UNTIL EXISTING MAIN ELECTRICAL ROOM AND RELATED SPACES & COMPONENTS ARE DECOMMISSIONED AND NEW PERMANENT POWER IS SWITCHED OVER.

REMAINING SPACES: ALL OTHER SPACES NOT INCLUDED IN 'A' THRU 'D' ABOVE, INCLUDING NURSE'S SUITE, CUSTODIAL/ MAINTENANCE, CORRIDOR AND GYM SUPPORT SPACES SHALL BE COMPLETED BY NOVEMBER 3, 2017 (152 CALENDAR DAYS).

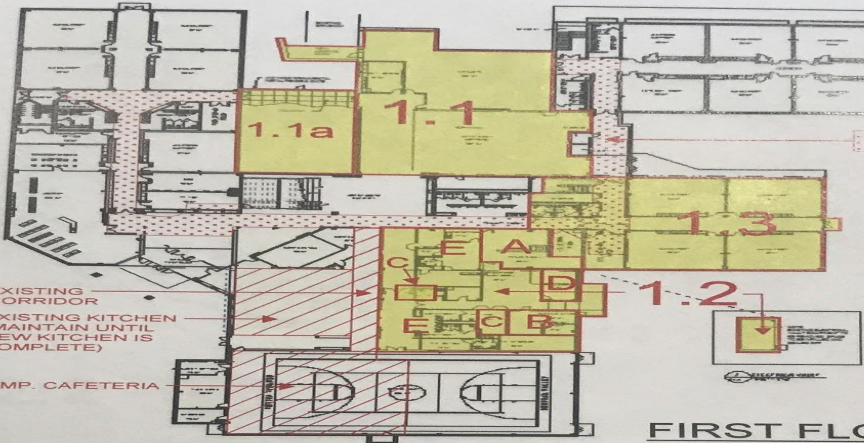
JUNE 5, 2017 - SEPTEMBER 22, 2018 (110 CALENDAR DAYS)

DEMOLITION, RENOVATIONS AND CONSTRUCTION OF TWO-STORY 4th GRADE CLASSROOM WING, INCLUDING CLASSROOMS, CORRIDORS, VESTIBULE, FACULTY ROOMS AND SUPPORT SPACES. TEMP. CAFETERIA

NOTE: PROVIDE ADEQUATE TEMPORARY SAFETY BARRIERS/PARTITIONS TO SEPARATE BUILDING OCCUPANTS FROM CONSTRUCTION ACTIVITIES. THIS IS NOT LIMITED TO THOSE BARRIERS/PARTITIONS SHOWN ON THESE DRAWINGS. ALSO MAINTAIN ADEQUATE COMPLIANT LEVEL OF EGRESS. REFER TO VISION 1 SECTION "TEMPORARY FACILITIES & CONTROLS."

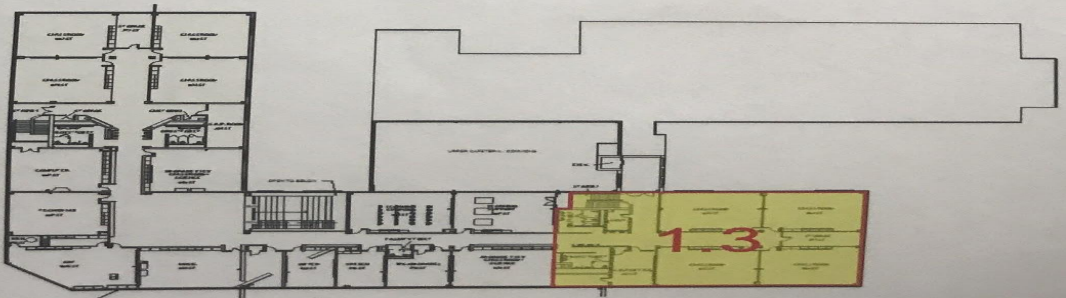


GROUND FLOOR PLAN



FIRST FLOOR PLAN

EXISTING CORRIDOR CEILINGS TO BE REMOVED DURING SUMMER 2017 TO ALLOW FOR PIPING & CONDUIT INSTALLATION. RESPECTIVE TRADES SHALL SECURE PERTINENT EXISTING CEILING-MOUNTED ITEMS UNTIL COMMENCEMENT OF RENOVATION WORK, INCLUDING LIGHT FIXTURES, SMOKE DETECTORS, DIFFUSERS AND SIMILAR ITEMS. REFER TO DEMOLITION DRAWINGS AND SPECIFICATIONS, INCLUDING DIVISION 1 SECTIONS "TEMPORARY FACILITIES & CONTROLS" AND "CUTTING & PATCHING," AND DIVISION 2 SECTION "SELECTIVE DEMOLITION."



SECOND FLOOR PLAN

PHASE 1

Phase One

PHASE 1



Phase One

Kitchen



Phase One

Cafeteria



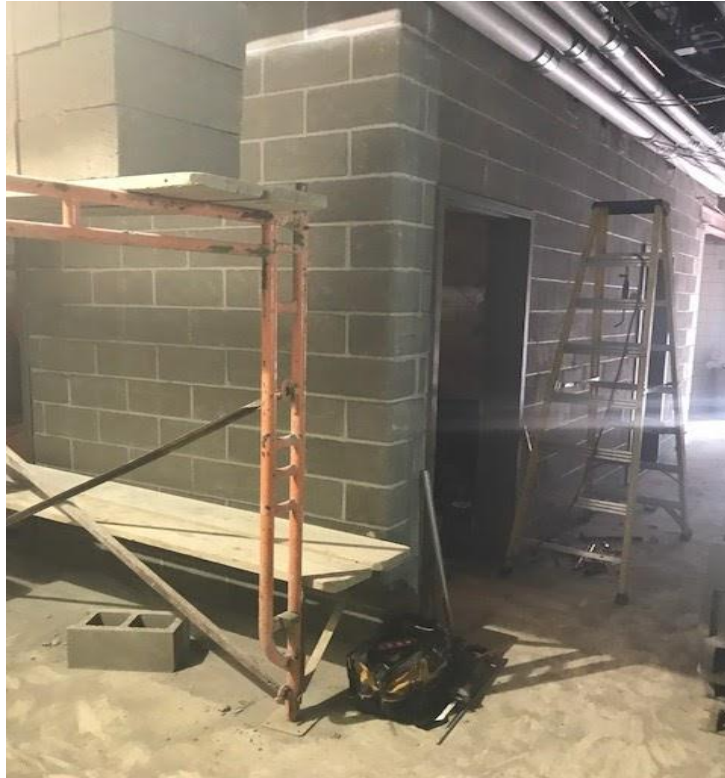
Phase One

Mechanical Room



Phase One

Corridors



Phase One

4th Grade

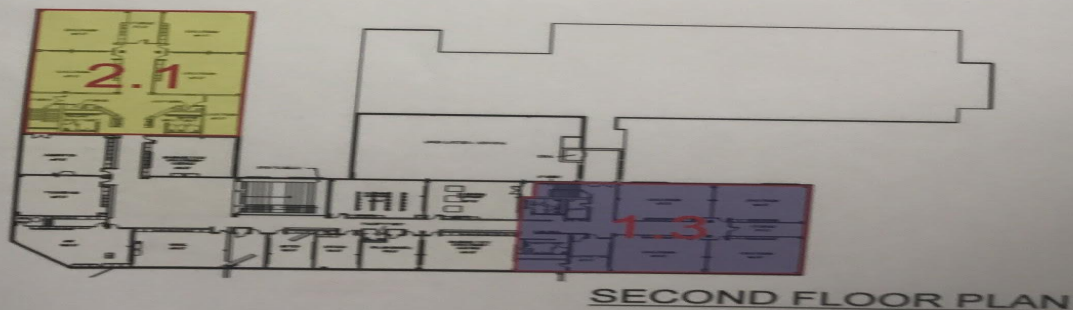
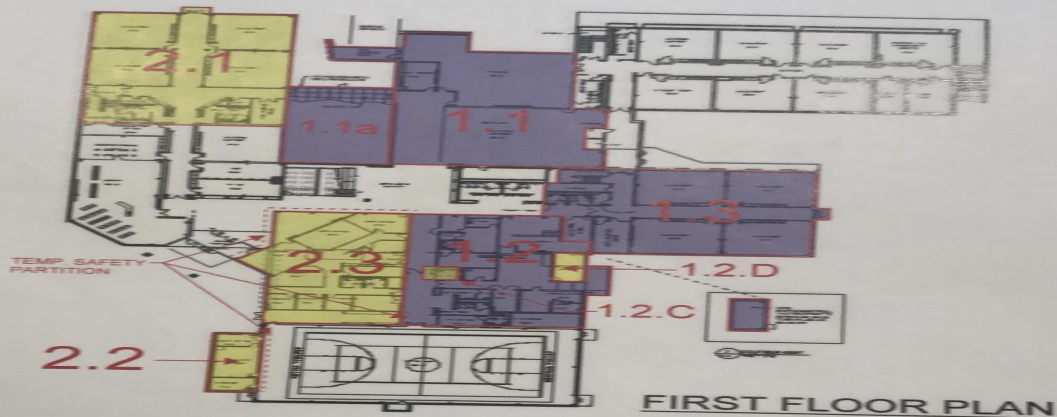
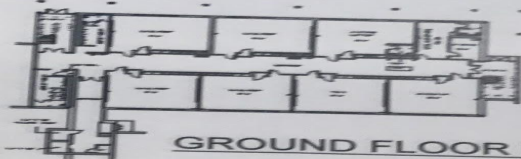


Phasing Plan

- Phase 1 - Grade 4 Classroom, New Kitchen and Cafeteria, Mechanical Room and Nursing Suite
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SEQUENCING NARRATIVE

- 2.1** SEPTEMBER 4, 2017 - DECEMBER 1, 2018 (89 CALENDAR DAYS)
DEMOLITION AND RENOVATIONS OF TWO-STORY 5th GRADE CLASSROOM WING, INCLUDING CLASSROOMS, CORRIDORS, STAIR TOWER, VESTIBULE, FACULTY ROOMS, TOILET ROOMS AND SUPPORT SPACES.
NOTE: ACCESS MUST BE MADE TO NEW HOP CLOSET, WHICH SHALL BE FULLY OPERATING BY THE COMPLETION OF THIS SEQUENCE.
- 2.2** DECEMBER 4, 2017 - JANUARY 5, 2018 (33 CALENDAR DAYS)
DEMOLITION OF WOOD-FRAMED STAGE/PLATFORM AND ALL RELATED EQUIPMENT AND CONSTRUCTION OF TEMPORARY GYM SEPARATION WALL. PROVIDE TEMPORARY LIGHTING AS NEEDED FOR SPACE TO SERVE AS TEMPORARY LIBRARY UNTIL COMPLETION OF EXISTING LIBRARY RENOVATIONS.
- 2.3** JANUARY 2, 2018 - MARCH 16, 2018 (73 CALENDAR DAYS)
DEMOLITION, RENOVATIONS AND CONSTRUCTION OF NEW SCHOOL OFFICE SUITE, INCLUDING CORRIDORS, ADDITIONS & EXTERIOR WALLS. MAINTAIN CLEAR PATHWAY AT EXISTING MAIN ENTRANCE. INSTALL TEMPORARY PARTITION IN ADJACENT CORRIDORS TO ALLOW ACCESS TO SURROUNDING AREAS, SUCH AS PHASE 1.2 AREAS AND GYM. MAINTAIN ACCEPTABLE CLEAR WIDTH.



PHASE 2

Phase Two

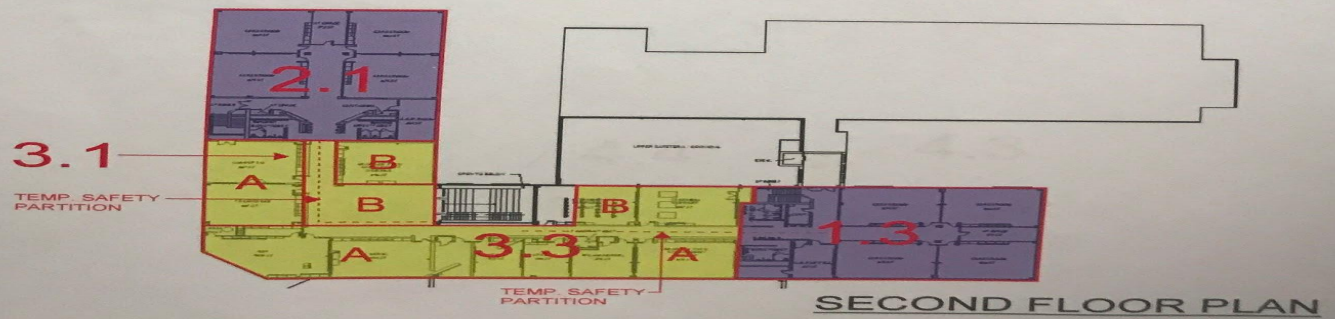
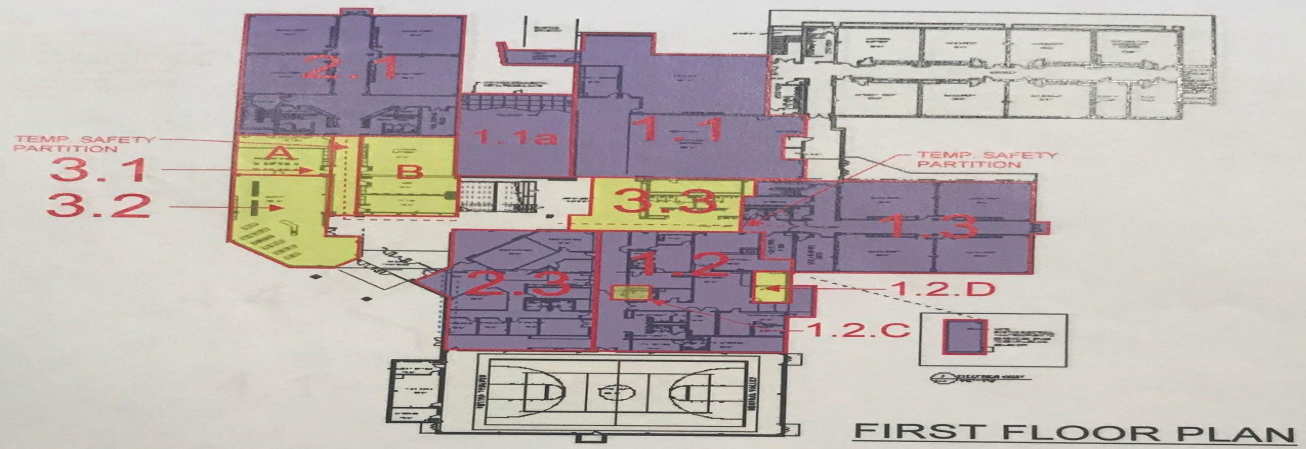
PHASE 2



Phasing Plan

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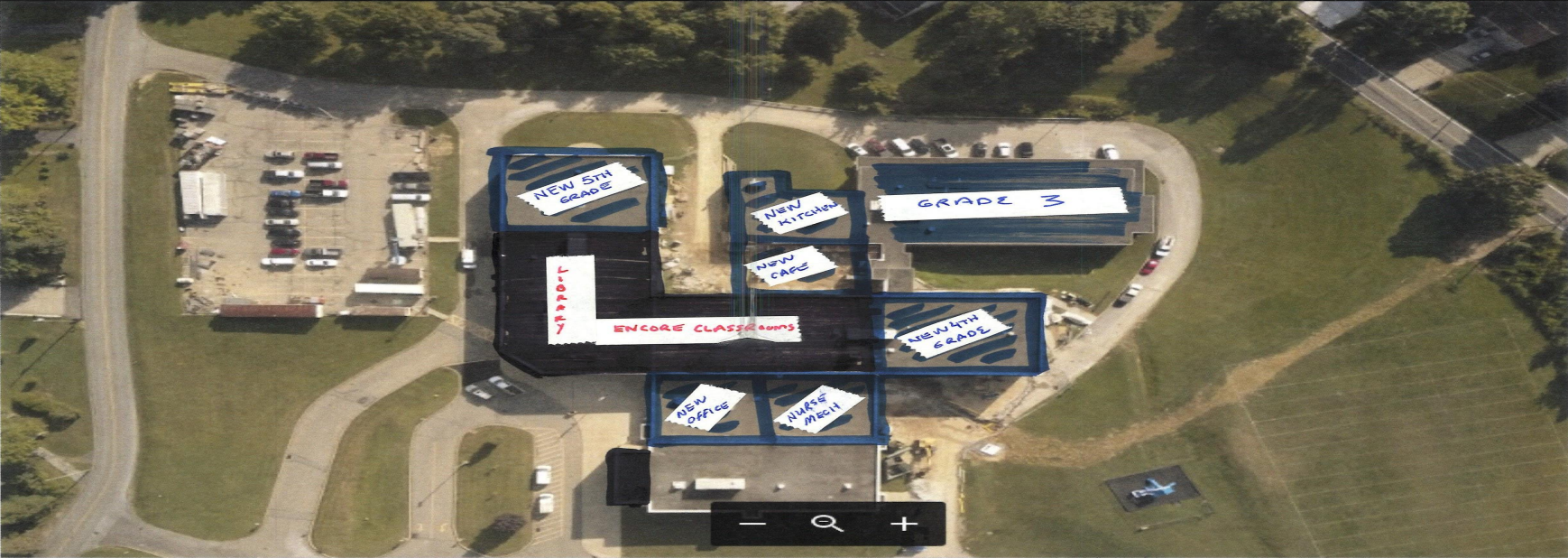
- 3.1** DECEMBER 5, 2017 - FEBRUARY 18, 2018 (74 CALENDAR DAYS)
 DEMOLITION AND RENOVATIONS OF 1st FLOOR COMPUTER LAB, LEARNING SUPPORT ROOM, SMALL GROUP ROOMS AND CIRCULATION SPACE AND 2nd FLOOR TECH ED & COMPUTER LABS, CLASSROOM, AND CORRIDOR & COLLABORATION SPACES. SEQUENCE SHALL TAKE PLACE ON EITHER SIDE OF TEMPORARY SAFETY BARRIER/PARTITION, IN AREAS INDICATED AS 'A' OR 'B'.
- 3.2** JANUARY 8, 2018 - MARCH 9, 2018 (61 CALENDAR DAYS)
 DEMOLITION AND RENOVATIONS OF EXISTING LIBRARY. DEMOLITION WORK AT ANGLED EXTERIOR WALL AND INSTALLATION OF NEW CURTAIN WALL SHALL NOT COMMENCE UNTIL ART ROOM RENOVATIONS (DIRECTLY ABOVE) BEGIN.
- 3.3** FEBRUARY 19, 2018 - MAY 18, 2018 (89 CALENDAR DAYS)
 DEMOLITION AND RENOVATIONS OF 1st FLOOR PUBLIC RESTROOMS, CIRCULATION SPACE AND SUPPORT SPACES AND 2nd FLOOR CLASSROOMS, SPECIALTY LEARNING SPACES, CORRIDORS, STAIR TOWER, AND SUPPORT SPACES. SEQUENCE SHALL TAKE PLACE ON EITHER SIDE OF TEMPORARY SAFETY BARRIER/PARTITION, IN AREAS INDICATED AS 'A' OR 'B'.



PHASE 3

Phase Three

PHASE 3



Phasing Plan

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- **Phase 4 - Grade 3 Classrooms, Gymnasium, Latchkey, Learning Stairs, Site Improvements**

MARCH 12, 2018 - JUNE 1, 2018 (82 CALENDAR DAYS)

CONSTRUCTION OF NEW LATCHKEY AND STORAGE SPACES, INCLUDING WALLS, FOUNDATIONS AND MEZZANINE STRUCTURE & FLOORS. COMMENCE ONCE TEMPORARY LIBRARY EQUIPMENT HAS BEEN REMOVED. MAINTAIN TEMPORARY BARRIER AND OTHER SAFEGUARDS TO PROTECT OCCUPANTS IN GYM.

APRIL 16, 2018 - JUNE 15, 2018 (61 CALENDAR DAYS)

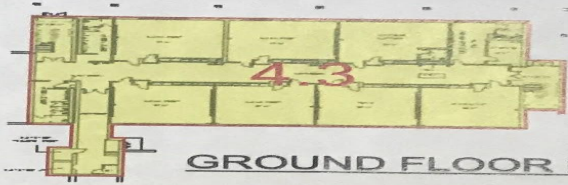
RENOVATIONS TO GYM, INCLUDING NEW FINISHES AND EQUIPMENT. AT OWNER'S DISCRETION, WORK MAY BE REQUIRED TO BE PERFORMED ONE HALF AT A TIME UNTIL AFTER THE LAST DAY OF SCHOOL, WHICH IS CURRENTLY SCHEDULED FOR JUNE 1, 2018.

MAY 21, 2018 - JULY 24, 2018 (64 CALENDAR DAYS)

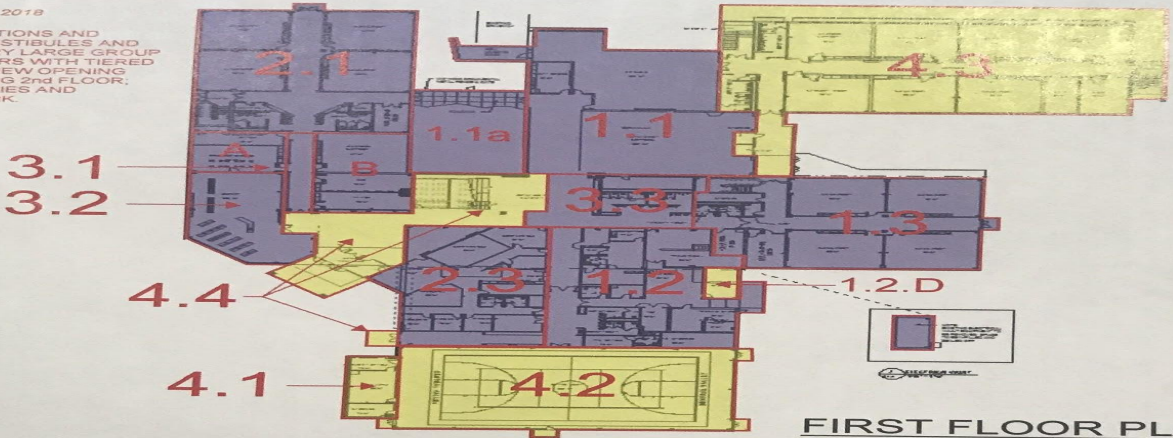
DEMOLITION AND RENOVATIONS OF TWO-STORY 3RD GRADE CLASSROOM WING, INCLUDING CLASSROOMS, CORRIDORS, STAIR TOWERS, FACULTY ROOMS, TOILET ROOMS AND SUPPORT SPACES, AS WELL AS ASSOCIATED EXTERIOR WORK, INCLUDING CANOPY RENOVATIONS AND SITE WORK. WORK SHALL BE LIMITED TO ACTIVITIES AFTER AND BEFORE NORMAL SCHOOL HOURS UNTIL AFTER THE LAST DAY OF SCHOOL, WHICH IS SCHEDULED FOR JUNE 1, 2018.

JUNE 1, 2018 - JULY 24, 2018 (54 CALENDAR DAYS)

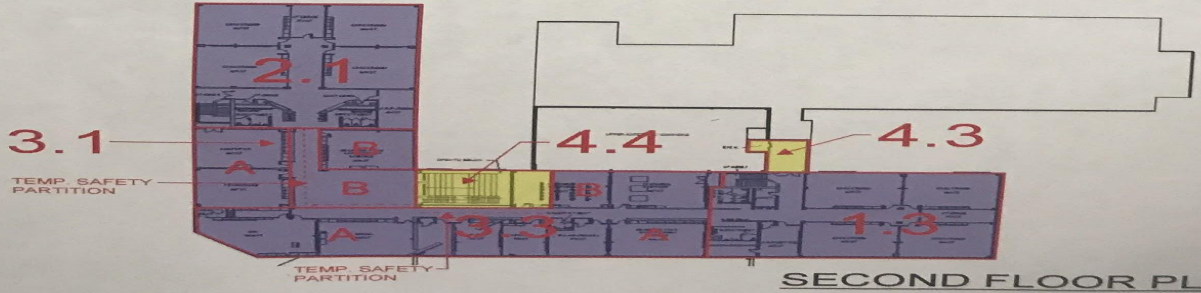
DEMOLITION, RENOVATIONS AND CONSTRUCTION OF VESTIBULES AND LOBBY AND TWO-STORY LARGE GROUP AREA, INCLUDING STAIRS WITH TIERED SEATING WITHIN THE NEW OPENING THROUGH THE EXISTING 2ND FLOOR; INCLUDES NEW CANOPIES AND ASSOCIATED SITE WORK.



GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

PHASE 4

Phase Four

PHASE 4



September 6, 2017

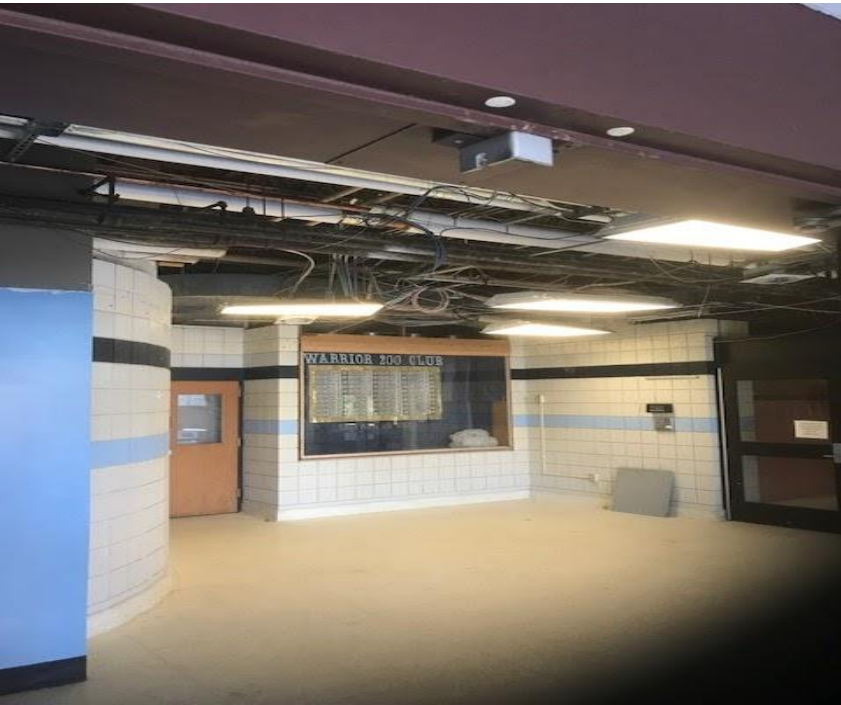
What Does the Building Look Like?

Are Our Kids Safe?

What Should We Expect?

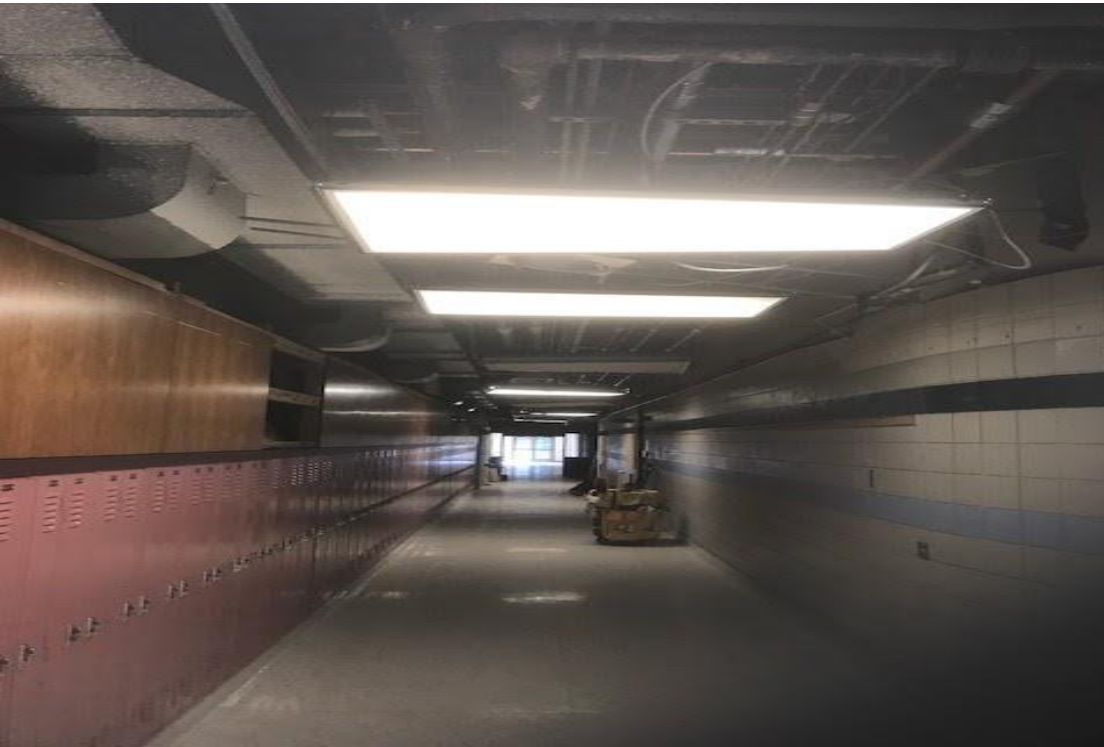
What you can expect

Entrance and Office



What you can expect

5th Grade



What you can expect

4th Grade



What you can expect

3rd Grade/Head Start/Pre-K



What you can expect

Encore



What you can expect

Kitchen



Safety

- Separation of construction work/workers from staff and students
- Additional staffing to monitor halls and escort students during construction
- Code Compliance
 - Emergency Exiting
 - Emergency Egress
 - Signage
 - Overhead wiring
 - Fire Alarms
 - Back-up Lighting
 - Fencing
 - Etc...
- Construction Manager - District Representative Mark Follen on-site
- Weekly Project Coordination Meetings with Prime Contractors

Security

- Clearance Requirements (**Central Valley Issued ID Badges**)
 - GEM Construction
 - McCurley Houston Electric
 - Guys Mechanical
 - D&G Mechanical
- Construction Manager
 - District Representative Mark Follen on-site
- Hall Monitors
 - Hired 3 additional building monitors
- Center Township Police Department
 - Request for increased patrol and traffic support

Testing/Code Enforcement

- Asbestos Abated and Certified Clean - Allegheny Mountain Research
- Baseline Air Quality Testing - Allegheny Mountain Research
- Phase I Air Quality Testing - Allegheny Mountain Research
- Additional Testing Agency - Quality Assurance Plus
- Building Inspections and Occupancy Permit - Codesys

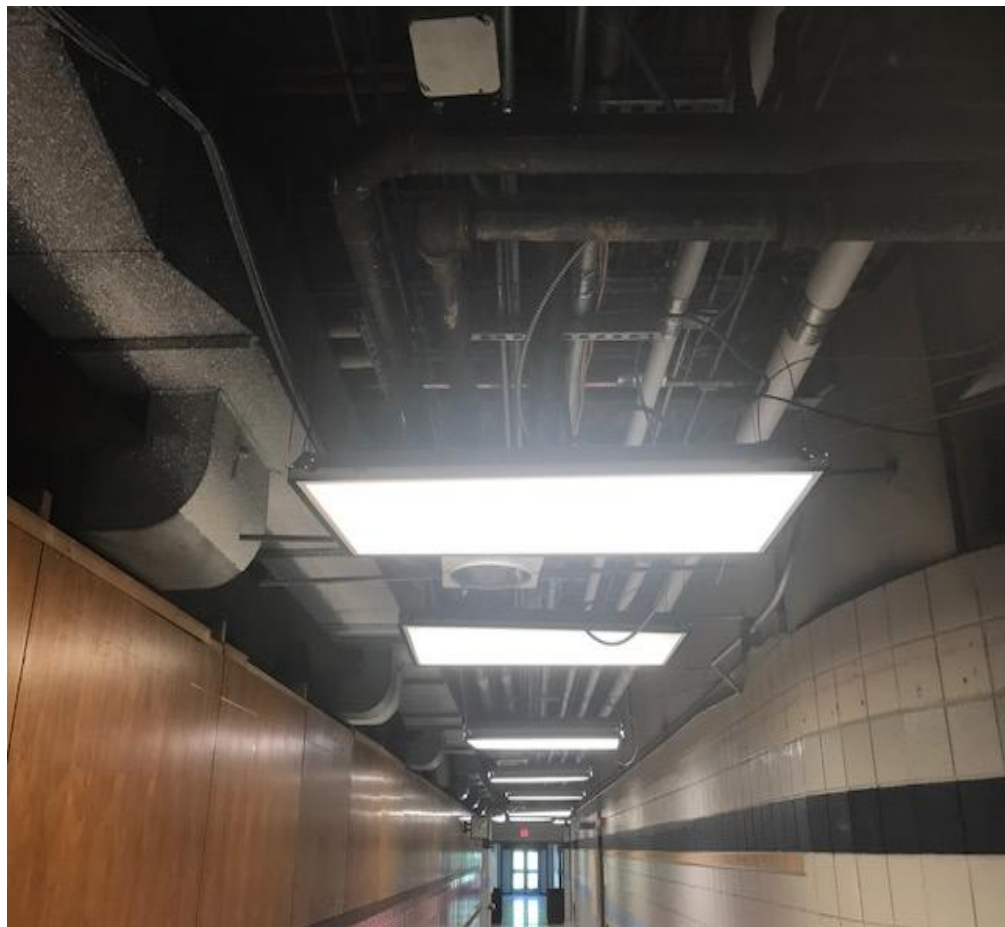
Construction Barriers



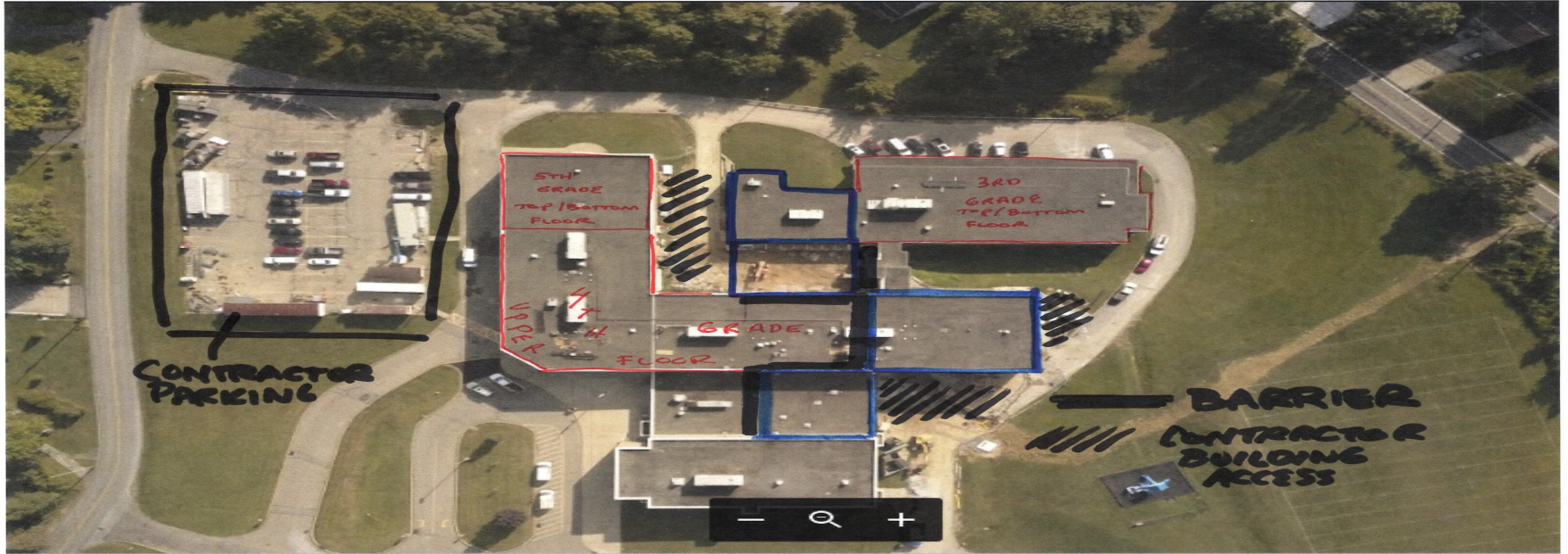
Construction Barriers



Some Secured Exposed Ceilings



Contractor Parking and Entrance



Temporary Bus Drop Off and Pickup



Temporary Bus Drop Off and Pickup



Temporary Parent/Latchkey Drop Off



TODD LANE

Staff Expectations/Limitations

- Stay out of all construction areas at all times
- Escort children throughout the building and corridors
- Report any issues/concerns to the District administration
- Embrace the project (Construction Theme for the Year)
 - Use it as a learning experience for the children

Questions