



NORTHWEST CONSTRUCTION UPDATE

February 2017

Interesting Facts about the Construction



In November 2016, we began clearing and grubbing the project site to make room for the new Northwest Elementary School. This was previously the site of a Bethlehem Steel facility. Reliance Environmental has conducted testing on the project site and laid out a comprehensive clean-up plan approved by the Department of Environmental Protection under Act II Clearance.

The DIRT: The native dirt is grey in color. We also imported red shale dirt from Jonestown near the Swatara Creek as part of the cap.

CAN YOU DIG IT!

602 aggregate piers were installed under wall and column footings. They range in weight between 3000 – 5000 pounds each. They are made by compacting 2A modified crushed limestone in a 30” diameter augured hole at various depths. This process was used to stabilize the soils and support our new facility.

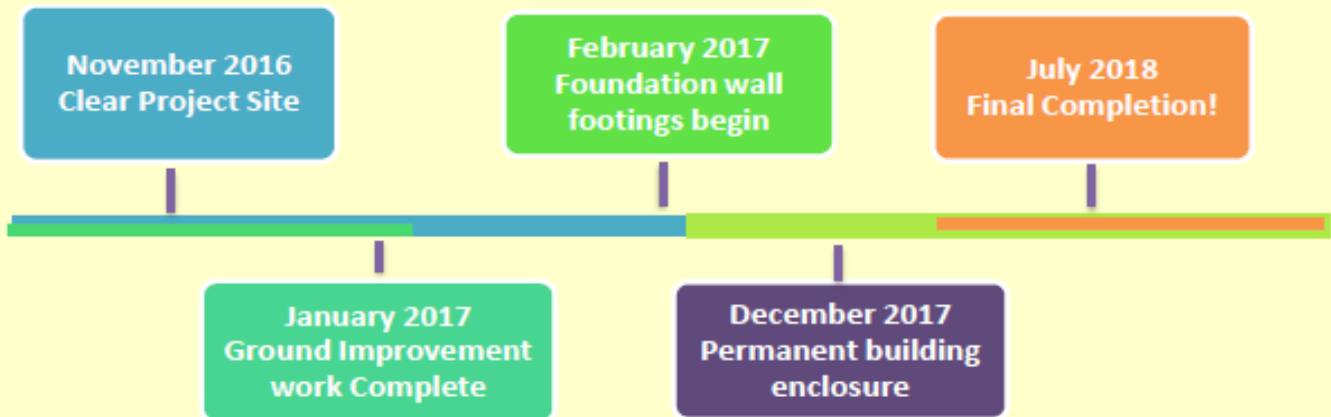


Top Features YOU will Love about the New Northwest:

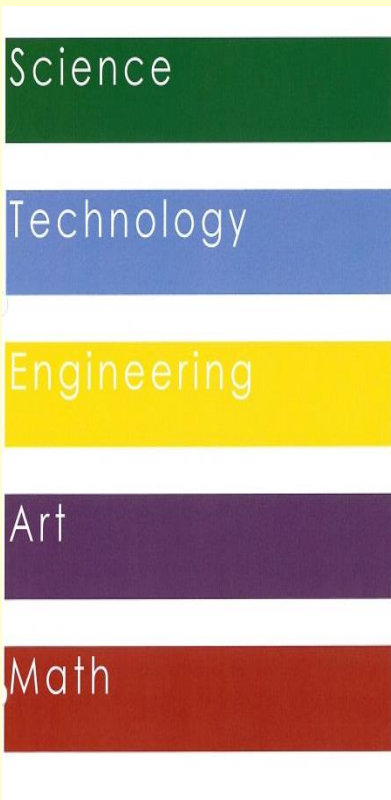
- Natural light in every classroom and throughout the building
- Common areas in each hall that have an oven, sink, and refrigerator
- 2 Restrooms accessible outside near the playground
- Individualized lockers for each student to separate their belongings
- Each room will have its own heat/air controls (geothermal running off central chiller plant)
- The fresh-air return will enter at foot-level eliminating the feeling of cold air blowing on you
- Classroom storage
- Grades K4 – 2 have restrooms between classrooms (one for each room)
- Grades 3 has closets inside each classroom
- Grades 4 – 5 have a shared walk in closet between classrooms
- A standardized playground equivalent to the rest of the district playgrounds
- 2 computer labs
- A secondary sized gymnasium
- Cafetorium (Cafeteria and Auditorium in one) When set up as Café, it seats 316, When set up as an auditorium, It seats 891
- A secure outdoor pond (fob/key access only) with classroom seating beside it to easily enable you to teach outdoor lessons
- Security features throughout the building, including solid walls and locking doors
- A practice music room attached to the main music room
- Small group instruction rooms in every hallway

Off Street Parking (199 spaces!!!)

CONSTRUCTION TIMELINE



Drone Zone: The drone showed an aerial view of the project site which included bulk earth moving and grading as well as ground improvement equipment. It provided us with an overview and status update of the work. [Click here for a bird's eye view:](#)



STEAM BASED COLOR SCHEME



Efficiency Upgrades: The new school will have energy efficient equipment, fixtures, devices and automated controls.

