

CONSTRUCTION OBSERVATION REPORT

PROJ NO: 1715	PROJECT: SSSD150 - Tigert Middle School	DATE: 2018,05-08
TIME: 9:00 am	WEATHER: Clear, Warm	TEMP: 46° F
CONTRACTOR:	Headwaters Construction Company	
PRESENT AT SITE:	Dr. Molly Stein, Superintendent, SSSD150 (OAC) Jonathan Balls, Business Manager, SSSD150 (OAC) Bob Gentry, Director of Facilities, SSSD150 (OAC) Logan Bingham, Project Manager, HCC (OAC) John Eskelson, Project Engineer, HCC (OAC) Michael Adams, Project Superintendent, HCC (OAC) A+ Construction Garrett Chadwick, Principal Architect, GPCA (OAC)	

ACTIVITIES IN
PROGRESS:

The following report and photos describe the status of the Project as of 05.08.2018:

Division 01 – General Requirements

Safety

- There have been no issues to date.

Schedule

- Although the earthwork activities have been delayed by unforeseen conditions, such as inconsistent invert elevations, blockages, encountering bedrock, etc. the earthwork activities can still possibly be completed by the date on the schedule.
 - The sewer line is intended to be routed from the administration building along the east side of the gymnasium addition in its existing trench. It will turn to the west after it passes the north corner of the gym and bypass the manhole it currently ties into and extend to the next manhole to the west. The sewer from the gym will extend north from the toilet rooms out the north wall and connect to the new sewer line.
 - The sub grade beneath the slab in the gym is not compacting to its required density. The cinder mix will likely have to be removed and replaced with structural fill.
 - The fill beneath the classroom addition needs to be excavated and replaced. The existing material can be used, but it needs to be placed per the density requirements.

RFIs (Request for Information)

- At the time of this observation, 12 RFIs had been submitted. None were outstanding.

(A)Sis (Architects Supplemental Instruction)

- At the time of this observation, three ASIs had been submitted.

Submittals

- At the time of this observation, 30 Submittal or Shop Drawing packages had been transmitted. Three are outstanding and are pending further action such as a Proposal Request.

PRs (Proposal Requests)

- At the time of this observation, One PR had been issued.
- We discussed drafting proposal requests for the following:
 - Rerouting the sewer line as discussed in the schedule above.
 - Replacing the subgrade at the gym as discussed in the schedule above.
 - Replacing the subgrade at the classroom as discussed in the schedule above.
 - Replacing the signage throughout the building with consistent numbering and naming.
 - Replacing the carpet throughout the building with carpet tile or broadloom.

Change Orders

- At the time of the observation, no Change Orders had been issued.

Coordination Items

- The sewer line is intended to be routed from the administration building along the east side of the gymnasium addition in its existing trench. It will turn to the west after it passes the north corner of the gym and bypass the manhole it currently ties into and extend to the next manhole to the west. The sewer from the gym will extend north from the toilet rooms out the north wall and connect to the new sewer line.
- The sub grade beneath the slab in the gym is not compacting to its required density. The cinder mix will likely have to be removed and replaced with structural fill.
- The fill beneath the classroom addition needs to be excavated and replaced. The existing material can be

used, but it needs to be placed per the density requirements.

- Bob is concerned about the life of the cooling tower. GPCA to have the mechanical engineer look at it.

Pay Applications

- We received only Pay Application No. 1.

Division 03 – Concrete

- Prior to placing the gymnasium slab, HCC should prepare for the placement of the volleyball inserts so the vapor barrier can extend below the thickened concrete slab.

Division 09 – Finishes

- GPCA needs to draft a PR to provide carpet throughout the building. The PR should be written such that pricing will be broken down by addition vs existing areas and separates the commons and corridors from the classrooms. The PR should also be written such to solicit a proposal for both tiles and broadloom carpeting.
- While on site, GPCA will try to determine the existing colors of the existing wall base, laminate, and walk-off carpeting.

Division 10 – Specialties

- GPCA needs to draft a PR to provide signage throughout the building. The PR should be written such that pricing will be broken down by addition vs existing areas.
- The Sanitary Napkin Vending dispenser should dispense tampons for \$0.25. If necessary student can get a quarter from the office. Having them \$0.25 will prevent students from emptying the dispenser.

Division 31 – Earthwork

- Subgrade has been excavated at the gymnasium addition. The perimeter footings have, for the most part, met the compaction density requirements. A+ will continue to work in this area in preparation for the concrete formwork and concrete placement.

MATERIALS DELIVERED:	Structural fill and steel embeds.
ITEMS TO VERIFY:	N/A
ATTACHMENTS:	Photos dated 05.08.2018
ACTION REQUIRED:	Owner <ul style="list-style-type: none">• N/A. Contractor <ul style="list-style-type: none">• N/A. GPC Architects <ul style="list-style-type: none">• Draft PRs for Sewer, Subgrade at both Gym and Classroom additions, Signage and Carpet.

OBSERVED BY:	Garett Chadwick; GPC Architects
DISTRIBUTION:	Dr. Molly Stein, Superintendent, SSSD150 Jonathan Balls, Business Manager, SSSD150 Logan Bingham, Project Manager, HCC John Eskelson, Project Engineer, HCC Michael Adams, Project Superintendent, HCC Hyrum Pitt, Technologies Integration, HCC David Porter, Structural Engineer; Frost Structural Engineering Dwayne Sudweeks, Mechanical Engineer; Engineered Systems Associates, Inc. Todd Payne, Electrical Engineer; Payne Engineering, Inc. Mitch Greer, Civil Engineer; Rocky Mountain Engineering and Surveying, LLC File



01 - Sewer Line Excavation.JPG



02 - Sewer Line Excavation.JPG



03 - Sewer Line Excavation.JPG



04 - Gymnasium Excavation.JPG



05 - Gymnasium Excavation.JPG



06 - Gymnasium Excavation.JPG



07 - Gymnasium and Classroom Excavation.JPG



08 - Classroom Excavation.JPG