

## FIELD REPORT #22

JOB: Blair IB Magnet School Modernization  
DISTRICT: Pasadena Unified School District  
GENERAL CONTRACTOR: Pinner Construction  
INSPECTOR: Ned Khachikian  
Laboratory of the Record: MTGL Steven Koch e-mail <skoch@mtglinc.com>

OBSERVATION DATE: 9/12/2017  
BY: Syrus Mobayen

ARRIVED: 10:30 AM DEPARTED: 12:00 AM

### CONTRACT TIME

Start: 4/10/2017  
Calendar Days: 590

Construction Team: See Sign-in Sheet for Individuals present at the meeting.

Pasadena Unified School District (PUSD)

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(Pinner Construction)

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<input checked="" type="checkbox"/>	Norm Kramer	Clark Seif Clark, Inc. (CSC)	
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<input type="checkbox"/>	David Ibarra	Principal	

### Safety:

**22-1:** Pinner to update safety weekly. Pinner has installed cameras for additional security and monitoring the site. 9/12/2017: No issues

#### PUSD Issues:

**22-2:** 5-16-2017: PUSD to provide direction regarding the removal of water meter per not "D" on sheet CU102. There are other water lines being fed by this meter and the only water line is being re connected is the 6" PVC line to the existing water line. 5/23/2017: No update. 6/13/2017: No update. 6/27/2017: No update yet, But Kris will check with Shirly to confirm the distribution at the meter / backflow area. 7/18/2017: Shirly will be at the site for a quick meeting. **Shirly from PUSD attended the meeting and provided direction in regards to the scope of work at the new water service off of Marengo. Scope indicated on Sheet CU102 shall be performed by PUSD. An RFE will be issued for credit. 8/1/2017: RFE#005 is issued.** 8/8/2017: Working on Credit. 8/15/2017: no update. 8/22/2017: No update. 8/29/2017: No update on the credit RFE#005. 9/5/2017: No update. 9/12/2017:No update

#### DSA Issues:

**22-3:** Pinner to review and confirm the **changes due to DSA review** and submit a Price Change. 8/1/2017: not available. 8/8/2017: Working on it. 8/15/2017: no update. 8/22/2017: No update. 8/29/2017: No update. 9/5/2017: No update. 9/12/2017: No update.

#### Construction Project Schedule / Look Ahead / Construction Activity:

**22-4:** 3 week look ahead to be reviewed. Construction schedule to be discussed.

**22-5:** The Lead abatement is ongoing

**22-6:** Minimal asbestos abatement is remaining. At IDF first Floor and some at soffit 2<sup>nd</sup> Floor.

**22-7:** 3<sup>rd</sup> Floor MEP layout, Plumbing, Fire Sprinkler piping installation is ongoing. Start of forming for exterior curbs at balcony.

**22-8:** 2<sup>nd</sup> Floor MEP has started and ongoing.

**22-9:** Site demo at Southeast side is near completion, grading has started.

**22-10:** Roof demolition and removal of the roof equipment is ongoing.

**22-11:** Soil mitigation at north side of Parking is ongoing.

#### Pay request:

**22-12:** Pay Application 003 is processed.

#### RFI's:

**22-13:** Pinner to discuss the RFI Log and discuss urgent issues.

**22-14:** RFI 079: Electrician to submit a detail for CCTV mounting for review by Architect.

**22-15:** RFI 080 Hose Valve Stations at North West Location.

**22-16:** RFI 082: Structural is working on it.

**22-17:** RFI 088 the field verified dimensions is being drafted to be issued before the next meeting on 9/12/2017

#### SUBMITTALS:

**22-18:** Pinner to review submittal LOG and discuss urgent issues.

- 22-19:** 036-00-05500-00 Metal Fabrication resubmittal is returned. Need overall elevations at railings at 2<sup>nd</sup> and 3<sup>rd</sup> level.
- 22-20:** Submittal 039: Casework needs a resubmittal.
- 22-21:** Submittal 051: HM frame needs to be resubmitted.
- 22-22:** Laboratory casework and equipment has been returned. (Revise and resubmit) the changes due to additional 4" wall has been incorporated and plans has been issued.
- 22-23:** Non-structural steel stud Submittal is returned. (Revise and resubmit). Per the meeting on 9/5/2017: Pinner insisted that they have bid per section 09110, therefore Pinner to submit all requirements per specifications.
- 22-24:** Pinner has resubmitted Roofing submittal being reviewed by Garland. Garland is OK with lead flashing. Gkk to review and return the submittal after meeting with Letner the roofing sub-contractor. Roofing meeting to occur after regular meeting.

#### CHANGE ORDERS:

- 22-25:** Change order #1 was reviewed and to be drafted by gkk for review and processing.
- 22-26:** Pinner to provide Credit for Demolition of 24 feet CMU wall at north side was discussed.
- 22-27:** Credit for not demolishing the balcony at second floor at the west end of building.
- 22-28:** Credit for not demolition the 1<sup>st</sup> floor opening at grid line 6 between A and D per 1/2SJ204
- 22-29:** Credit for not demolition the opening at stair case #1, Elevation 1/2AE202

#### Discussion Items

- 22-30:** 5-30-2017: Kris to provide pricing for Pinner to decide if they will use GMS for the work at corridor. **Elevator fluid leak is being fixed by District Contractor GMS.** Pinner was asked if they prefer GMS also perform any elevator or Hydraulic related work they have under this contract. 6/6/2017 Kris has the cost proposal to review. 7/11/2017: No updates. 8/1/2017: Kris had the quote for the estimate which was hand delivered to Pinner, waiting for Pinner to decide if they want the work to be done by PUSD contractor. 8/8/2016: Pinner to provide. 8/15/2017: No update. 8/27/2017: No update. 9/5/2017: No update. 9/12/2017: No update.
- 22-31:** For **finalizing the color scheme**, sample for colors to be reviewed and selected. Sheet 2IN601C "Finish interior Legend" indicates colors which were selected during the original design. Preparation of color board is ongoing. Some of the colors and materials selected has been discontinued and replacement is being re-ordered. Architect will ask Pinner to submit color chips and samples as shop drawing review continues. 8/1/2017: gkk is working with Pinner and District to finalize color scheme for this project. 8/8/2017: gkk is collecting samples. PUSD to provide any input available for exterior color scheme. Principal might be involved in finalizing the colors. Pinner needs to submit for the materials for color selection. 8/15/2017: no update. 8/22/2017: PUSD instructed Pinner to maintain the LOGO on all sides to be repainted with the original colors. Two locations are known at this point. In addition the mural in Kitchen not be painted over either. **9/5/2017: Color board for exterior colors was delivered and left at the job site for PUSD to comment. 9/12/2017: PUSD to comment.**
- 22-32:** Pinner is responsible for maintaining the manifest for removal of hazardous materials. (Asbestos, Lead Paint) 8/1/2017: ongoing, 8/8/2017: ongoing. 8/15/2017: ongoing. 8/22/2017: Ongoing. 9/5/2017: ongoing. 9/12/2017: no update.
- 22-33:** Pinner stated that **some of the interior nonstructural walls need to be replaced** and are not salvageable. We requested an RFI to be submitted for the walls that need replacement. We also have asked Pinner to submit for cost estimate so that PUSD can make a decision as how much of these walls to be replace and how much to be repaired. 8/8/2017: Pinner has submitted a rough estimate cost to demo and replace existing walls, approximate 332LF with new 0FH4 wall and 27LF 0FH6 wall. (Brady framing -

\$56,200.00 (new framing, drywall, backing) Craftsman Concrete Cutting - \$12,834.00(demo) Ditermore Insulation - \$4,000.00 McGuire Concrete : \$2,000.00. 8/15/2017: PUSD and gkk to decide if all the non-structural walls to be replace, or some could be fixed by securing the top track to the building per structural drawings SKS-1. Pinner to review additional cost and revise cost if possible for finalizing response. **8/22/2017: Pinner was instructed to provide a cost estimate to brace the walls at classrooms and remove and replace walls at the restrooms. 8/29/2017: No update. 9/5/2017: No update. 9/12/2017: No update.**

**22-34: PUSD is interested in deleting the enlargement of the opening at Courtyard 144 near Student store.** Gkk will issue RFE# 004 showing the deletion of the structural element for Pinner to submit a credit. The structure will remain intact; we will not make any changes to the structure. The new reduced storefront door/window will be placed at the existing CMU wall near Library/stack area. The door opening at Library/stack area will be filled with CMU wall. The new parapet walls will be supported by existing steel beams maintaining the existing roof opening. The steel beams and metal deck, concrete beams will remain as they are with no change. Pinner was instructed to not to proceed with any work in this area until PUSD is final with the decision.8/8/2017: Pinner requested a visit by Structural Engineer to review the framed opening at the courtyard. Also at the same time review all the CMU walls which have been demolished to make sure all is done per plans. **RFE #004** has been issued showing the deletion of the structural beams, columns and footings. The revision to the opening W-15 on Sheet 2AE611, door 136, opening, and glazing to follow. We have requested Pinner to stop any fabrication for the structural steel concerning this deletion. 8/15/2017: Structural visit was performed by Orlando Costa, He confirmed that the Courtyard opening between Lines '7' is to remain per the 1964 drawings except that soffits and closure walls shall be installed as directed by the architect. Structurally, no exceptions taken. The parapet walls shall be constructed per DSA approved plans as detailed on Architectural 7/2AE772 and Structural L/2SJ402 and CL3/2SJ703 as indicated on RFE #004. The opening shall be detailed with HM frame. 8/22/2017: No update. 8/29/2017: No update. 9/5/2017: No update. 9/12/2017: No update.

**22-35:** PUSD requested that Pinner to consult with the flooring sub-contractor to see what could be done with the concrete floor in the areas which existing concrete has cracks, and are not level. Band Room #193 on first level and rooms which had floor tracks at 2<sup>nd</sup> floor. Pinner to submit a recommendation with a cost estimate. 8/15/2017: No update. 8/22/2017: No update. **8/29/2017: Pinner stated information to be provided in the 1<sup>st</sup> week of September.9/5/2017: No update. 9/12/2017: No update.**

**22-36:** Area drains specified are too big. Pinner suggested to use a smaller different Area drains. During the walk, it seemed using the existing drain tail pipes and extending the existing pipes thru concert will be less destructive. Pinner to submit an RFI for instructions. 8/22/2017: No update. **8/29/2017: gkk requested to review submittal for the seismic separation at new building. And if it is possible, Pinner could set up a meeting with the subcontractor to review for a solution around the existing building. 9/5/2017: No update. 9/12/2017: No update.**

**22-37:** Non-structural Steel stud framing was discussed. Use of shot pins are limited. The Information on 2AE702 is not conclusive calling for PAD. There are no abbreviation on the drawings. DSA approved drawings SS5/2SJ703 provides actual connection for top of stud using slip track connections to the structure. Use of shot pins where allowed by DSA will require demonstration of completed embedment in concrete prior to start at any approved location. 9/5/2017: Abe Cobian and Rick Burns of Brady the steel stud framing contractor and also Steve Burdo (Pinner) were at the meeting and Brady, the framing subcontractor mentioned that they have bid the job per Non-structural steel stud Spec Section 09110. Therefore, they are going to frame with 20 gauge steel (unless the wall supporting the casework) and they are not going to use the structural details provided on the approved drawings for the attachments to the concrete structure and they would only use "PAD" for attachments. Gkk explained that PAD is not clarified on the drawings and/or the specifications. "PAF" power actuated fasteners only been mentioned. But Brady insisted that the specifications 09110 for non-structural studs have been used. Pinner to provide a complete submittal as required and listed on spec Section 09110 for review. **9/12/2017: Pinner to submit per approved specifications.**

## Project Inspector Items:

- 22-38:** 24 hour notice is required for Inspection request. To be made during the day before 12:00 noon.
- 22-39:** 6/6/2017: Refer to Spec Section 07816-5, Art 3.04A and B for requirements for Testing. Ned mentioned there will be pull testing required for fire proofing per the testing requirements.
- 22-40:** IR mentioned that Contractor may use the DSA approved pipe attachments for fire sprinkler system for other utility attachments to the structure.
- 22-41:** Use of shot pin was discussed. Pinner was informed that the allowed use of shot pin within the DSA projects are limited. Pinner requested documentation to be e-mailed.
- 22-42:** IR mentioned that Inspection by soils engineer would be required during the over excavation and backfill.
- 22-43:** Existing H.M. frame is grinded and is exposed to the weather. Pinner was reminded that the moisture could rust the frames and an application of primer would be a good idea.
- 22-44:** IR mentioned that Copper should not be painted. Pinner agreed.
- 22-45:** IR mentioned Contractor not to drill holes bigger than is required for Fire proofing and caulking reasons.

## Close out / As Built:

- 22-46:** Pinner to keep Record Drawings updated.
- 22-47:** A hard copy of plans, Specs, Addenda, RFI's, and Submittals shall be ready for review by design team at the construction trailer. **8/8/2017: Pinner was asked to post all addendum items into the plans at the construction office.**

## New Business: