



## FIELD OBSERVATION REPORT

West Hardin Middle School, 202280 -CA8

Date: 3/11/2026 Time: 12:30 PM

Weather: Cloudy/50°

Observed by: Joseph Jones, AIA

Report No: 31

Trades Observed on Site: General Trades, Masons, Erectors, Curtainwall, Painters, Plumbers, Mechanical, Electricians

### 1. Work observed in Progress

- a) Exterior work was continuing.
- b) Masons were laying bricks on Area B. They were laying CMUs in Area A.
- c) Erectors were installing the steel structural members at the main entrance.
- d) Plumbers were roughing in piping.
- e) Mechanical ductwork was being hung.
- f) Electrical rough-ins.
- g) An architectural above ceiling inspection was conducted during this site visit.

### 2. General Observations

- a) The sealant in the brick crack control joint had been applied to the sample panel. The color was acceptable. The sealant joint was not tooled like a brick joint, and it protruded out past the face of the bricks. Make corrections and alert JRA when ready.



- b) Metal panels were being installed over the concessions building.



- c) Exterior finishes including bricks, fiber cement panels and sheet metal panels continued to be extended around the north side of the building.



- d) Area B was being covered with bricks over the spray foam insulation.



- e) It appeared that most of the steel framing for the north side of the building was in place.



- f) Galvanized structural steel canopy frames were installed at the bus loading/unloading lane to the north of the building.



- g) Fiber cement panels were installed over the north side and gable end of Area D. They were also installed above the bricks under the gable roof eaves.



Curtainwall windows were being installed in the Band Room.



- h) Fiber cement panels were installed over the Storm Shelter/Gym above the lower roof areas.



- i) Steel structural framing was being installed over the library.



- j) The steel structure was being installed at the south entrance to the building.



- k) Light gauge roof trusses were installed over the two southernmost wings of classrooms.



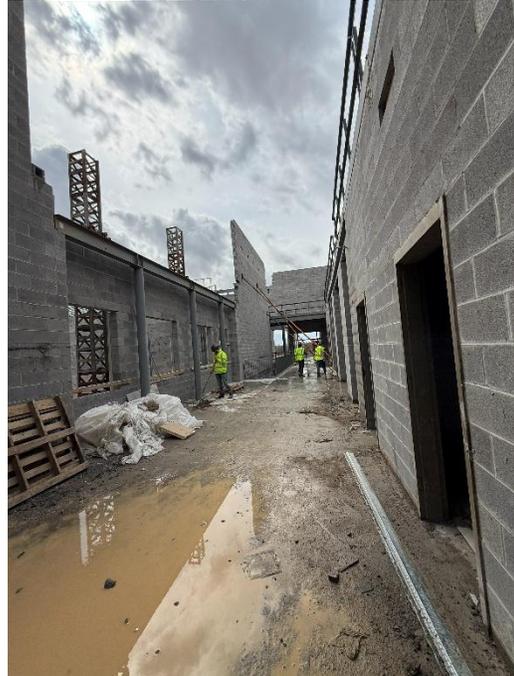
- l) Steel roof joists and metal roof deck were installed over the northern portion of the roof area above the main central corridor. The mechanical platform above the second floor could also be seen from this location.



- m) Concrete had been placed in the stair pans at the central stair.



- n) The southern end of the main corridor will be one of the last areas to be covered with roof structure.



- o) Painting of the steel roof structure over the cafeteria was underway.



- p) Seismic clips were specified to be used at the ends of ceiling grids, instead in some cases the grid was bent up and fastened to the wall.

Refer to the architectural above ceiling report at the end of this report.



- q) Hanger wires were not at 4'-0" on center and were not at grid intersections as specified.

Hanger wires were attached to floor and roof metal deck with unknown fasteners.



- r) Red fire-resistant sealant was used at top of wall conditions and penetrations at the two-hour fire-resistant walls around the storm shelter. Places where this material was used need to be labeled so that maintenance workers will know what materials were used.



- s) The suspension system for the clouds in the band, vocal and art rooms need to be described for compliance with the specification for these ceiling types.



- t) Observations from the above ceiling inspection include the following:
1. The seismic end clips are not uniformly applied. The attached guide requires them at the ends of the grids as indicated. The clips anchor the grid on two walls and allow for movement on the opposite walls.  
In some cases, the grid is bent upward and fastened to the wall. I have not found this detail in the manufacturer's literature.
  2. The hanger wires are not at 4'-0" O.C. both ways.

3. The hanger wire spacings exceed the maximum distance from the walls.
4. The hanger wires are not terminated in 3 turns in 3".
5. Some hanger wires are installed at slopes greater than 1:6. When this occurs an opposing wire is required at the same angle.
6. Some of the grids at the wall barely touch the wall molds. The maximum is 3/8" from the end to the wall mold vertical leg.
7. Some of the grids are already bent.
8. Some of the ceiling tiles with devices in them are damaged or dirty.
9. Some unused hanger wires are above ceiling.
10. The loose ends of many of the hanger wire are not close to the vertical which causes a hazard for maintenance workers reaching above the ceiling.
11. Joints in main beams need seismic reinforcement clips.
12. Many of the hanger wires are attached to floor and roof deck. This might be acceptable if the hanging device is acceptable to ICON. Per the spec, the load carrying capability of the device does not degrade in load carrying capabilities over time.
13. Some hanger wires were kinked to adjust height. The kinks can relax over time making the ceiling sag.
14. Armstrong has some specific requirements for hanging ceiling clouds for seismic movement. Please provide a description of exactly what was done to suspend the clouds. The clouds must be level.

### 3. Stored Material Observed:

- a) Concrete accessories.
- b) CMUs (concrete block, brick and accessories).
- c) Steel roof joist and framing.
- d) Storm piping and structures.
- e) Sanitary piping and fittings,
- f) Electrical conduits and fittings.

g) Skudo Board.

**4. Follow up items:**

- a) Special inspection reports with emphasis on the storm shelter area.
- b) Keep as-builts up to date.
- c) Provide punch lists for block defects in Area D.
- d) Make corrections as indicated in the above ceiling report and alert JRA when the corrections are made.

Follow up by:

Architect,  Owner,  MEP Engineer,  Structural Engineer,  
 Civil Engineer  Construction Manager, Other

Respectfully submitted,

JRA Architects

Joseph Jones, AIA, Construction Contract Administrator

Cc: 202280, CA8, HCS, Wehr, Icon, STW, EDG, JRA