



FIELD OBSERVATION #19

Project: Washington Fire Station
Washington, Iowa

Date: August 23, 2019
Time: 3:30 p.m.

Weather: Mostly Clear
Temperature: 83°

Present:	Tom Wide	Fire Chief
	Mark Chenoweth	Washington Fire Department
	Kristofer Orth	Design Alliance, Inc./Farnsworth Group, Inc.

The purpose of this field observation was to review construction progress made to date and answer construction related questions.

SITE/EXTERIOR:

1. The Vestibule brick has been topped out.
2. The aluminum storefront windows have been installed.
3. Topsoil has been spread at some of the site areas.
4. The makeup air unit has been delivered and is being stored on the pavement west of the building.
5. Some hairline concrete cracking has occurred in the paving on the east side of the building at the southeast bollard. Per detail 3/C1.6: "1/2 inch premolded expansion joint material when adjacent to pavement or sidewalk."
6. Contractors have started final connections of the condensing units to the building. Chief Wide indicated the electrical subcontractor commented on using surface mounted conduit on the exterior of the building due to the exterior wall types. Kristofer responded this is not acceptable, the conduit serving the condensing units should have been built into the exterior wall construction.
7. Chief Wide and Brent Hinson requested the downspouts be changed to match the roof color if feasible. Kristofer agreed to verify with Bushong Construction.

INTERIOR:

1. Gear Room [117]: Contractors are working on installation of the ductwork and piping above. No lintel has been installed at the duct openings to the north.
2. Restroom [115] & [116]: Gypsum board walls and ceilings have been installed.
3. Kitchen [104]: The opening for the coiling door has been corrected.
4. Training Room [103]: Ductwork has been run. Mudding and taping work at the gypsum board has been installed.
5. Vestibule [101]: The plaque shall be located on the left (east) side of door (102A), mounted on the CMU wall along Grid 1.
6. The interior CMU walls have not been rubbed down in preparation for painting.
7. Storage [123]: Gas Water Heater (GWH-2) was installed in Mezzanine Storage [201].

8. Hallway [102]: A copper water pipe serving Public Restroom [105] was dented and should be replaced.
9. Mech/Elec [106]: Wire has been pulled to Panel 'A'. Installation of Furnaces F-2 & F-3 is in progress.
10. Water Sprinkler [114]: The valve to serve the "for future connection" should be turned vertically with a shorter fitting and an elbow to allow for access to owner's washer and dryer. Shop drawing shows 3'-3" clear from corner to riser assembly. Field verified dimension is less than 3'-0".
11. Day Room [108]:
 - a. Ductwork, piping and conduit have been run above the ceiling.
 - b. Mudding and taping work is nearly complete.
 - c. The fireplace surround is ready for tile installation.
 - d. Chief Wide reminded Kristofer about adding some porcelain tile at the entryway.
 - e. He requested a full 24" tile be placed around the fireplace.
12. Apparatus Bay [120]:
 - a. The steel stair has been installed and railings have been welded to the stringer and anchored to the CMU wall. Pans have not been poured yet.
 - b. Hollow metal doors have been delivered and are being stored in the Wash Bay.
 - c. The housing of the Mitsubishi electric unit, which serves the Fitness Room, has been dented and damaged. Contractor shall repair or replace.
 - d. Contractors have installed the operators for the overhead doors.
13. Chief Wide mentioned orange-peel type texture versus the smooth walls. Kristofer agreed to follow up with Bushong regarding the expectations for smooth walls.

Respectfully Submitted,

Design Alliance, Inc., is now FARNSWORTH GROUP, INC.



Kristofer J. Orth, AIA
KJO:bv

Cc: Brent Hinson, City of Washington (for distribution)
Nathan Kress, PE, kpff
John Bushong, Bushong Construction
Job Book

Steve Soupir PE, Fox Engineering
Tyler Luttenegger PE, MODUS
Mike Flemming, Bushong Construction

Enclosures















