

CONSTRUCTION OBSERVATION REPORT

Cooley Laboratory Renovation

Job No: 10-020

Date: November 30, 2011

Weather: Cloudy, 25° F

Present:

Cecilia Vaniman, MSU

Don Platisha, CMS

Greg Schermele, DAC

Kirk Scheel, DAC

Tim Tholt, DAC

The following items were noted and discussed with the Contractor:

Site was visited to attend weekly coordination meeting at the job trailer conference room. I defer to the minutes of that meeting to record the discussion items.

We walked the building with Cecilia, Don, Greg and Tim and observed progress and workmanship both of which looked good overall but there were concerns about mechanical workmanship. The mock up lab was visited and there were several areas of concern relating to duct work installation.

Brick Spira lock ties have been installed on the north and south walls.

Demolition of the existing elevator equipment was complete and the shaft entrances have been in filled. Work was in progress on the penthouse demolition.

Excavation for the elevator infill addition was complete and layout of the elevator pit was in progress. Shotcrete shoring was in place. Two of helical piers were out of plumb and out of the plane of the elevator pit walls. DAC will issue an RFI for Aegis review of the as built condition.

I reminded DAC that the bentonite waterproofing is to be placed beneath the pit slab.

There were several areas of FRP/concrete

Mechanical Penthouse. Demolition of the concrete topping slab was completed. Rubble was being off loaded from the existing roof deck.

Framing and utility rough in were continuing on all floors. Structural reinforcement of existing stair walls was in progress on both the east and west stair towers.

Basement slab has been removed, trenching for utilities was progressing. Excavation to grade was progressing.

CONTRACTOR SITE OWNER ARCHITECT CONSULTANT OTHER



Protection has been added to the corners of the CMU.

Hollow metal door frames have been installed. There were two locations where the gypsum board installation conflicts with the frames installation. The gypsum board needs to engage the frame. At present the gypsum board is proud of the frame throat.

DAC confirmed that areas of spalled concrete/FRP are being marked for remedial repair.

END REPORT