

CONSTRUCTION OBSERVATION REPORT

Cooley Laboratory Renovation

Job No: 10-020

Date: December 22, 2011

Weather: Snow, 20° F

Present:

Cecilia Vaniman, MSU

Don Platisha, CMS

Greg Schermele, DAC

Kirk Scheel, DAC

Tim Tholt, DAC

F.J. di Stefano, ADG

Michael Absalolson, ADG

The following items were noted and discussed with the Contractor:

Site was visited to attend the Building Committee walk-through of the building and the Laboratory mockup.

We attended the Building Committee budget/cost control meeting and a weekly coordination meeting at the job trailer conference room. I defer to the minutes of those meetings to record the discussion items.

As noted above, we walked the building with the Building Committee, 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; work was not complete. While the Mockup was not complete, it provided a reasonable basis to evaluate quality of fit and finish.

We also walked the building independently before the group tour.

Formwork for the elevator pit was in place. DAC is reminded to provide concrete batch tickets within 24 hours of concrete placement.

Test results for compaction and for concrete have not been sent to ADG. We are requesting that we be added to the distribution list.

Insulation of exterior and interior walls has started. DAC is reminded to tape all joints, seams and perimeter of the vapor retarder.

It was agreed that the burnished CMU will be sealed as soon as possible and when the basement CMU is installed, that CMU will need to be sealed prior to any coring for utility penetrations to prevent staining from the coring process.

We discussed GPD's concerns that the windows be properly sealed to prevent infiltration given the negative pressure of the HVAC system. CMS advised that the sub sill will be sealed to the main window frame

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preventing air movement to the interior while allowing condensation etc. to weep to the exterior. Non expanding spray foam will be used as needed to fill shim spaces etc. during the window installation.

Mechanical Penthouse. Concern has been raised that the roof deck may be too pock marked from the demolition activities and it may require some form of topping.

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 Trenching for utilities was continuing. Laser lab pads have been placed. The specified, submitted and approved vapor barrier was not installed. DAC confirmed that it will be installed for the balance of basement slab. The joints and penetrations need to be taped/sealed as outlined in the manufacturer's literature.

Several submittals are still needed: Architectural Woodwork and Curtain Wall in particular.

END REPORT