



July 21, 2017

ARCHITECTURAL PUNCH LIST (INTERIORS)

Project: Webster University Interdisciplinary Science Building

Project No: CannonDesign #004561.01

Area of Division: Architectural, General Building Construction

Date of Observation: July 11-14, 2017(levels 04 and 03)
July 18-20, 2017 (level 00 (partial), levels 02 and 01)

Attendees: Kelvin Patel, Cannon Design
Devin Gates, PARIC
Ryan Tune, PARIC

Note: Failure by the Architect to include any item of non-compliance with the contract documents in this report does not relieve the Contractor of his responsibility to comply with the requirements of the contract documents.

Contractor to mark items completed and return to Architect.

General Summary:

An interior punch list of the building was conducted for levels 04 and 03 on July 11 through 14, 2017 and for levels 02 & level 01 on July 18 through 20, 2017. Items noted on this punch list are in addition to the Contractors punch list, punch lists issued by other disciplines, and any remaining open items from Field Reports.

The exterior punch-list, site work punch-list, Landscape punch-lists are outstanding.

Areas not reviewed or included in this punch-list are listed at the end of document.

As of the date of this report, the building has not reached substantial completion.

Reported By:

Kelvin Patel, CannonDesign

Below are the general deficiency items observed during interior punch-list for additional room-specific items refer to detail punch-list generated using Autodesk BIM 360 Field.

CEILINGS

1. Raw cut edges of ceiling tiles not painted.
2. Slotted ceiling grids have intermediate notches, the miters at the intersection of grids is not proper. This is not compliant per drawings.
3. Ceiling finish around sprinkler penetrations does not have clean finish.
4. Paint on Can-Light trims not cleaned.
5. Aluminum trims (with white paint) at bottom of gray painted fascias along the perimeter of curtain wall have gray paint bleed and scuff marks - repaint all the trims.
6. Access panels (at all locations) with baked enamel finish were not supposed to be painted. They are painted with ceiling paint.
7. Ends of cove lights at the corridors are not closed.
8. Seal around the edges of ceiling grid if the gap is uneven due to uneven wall surface.
9. On level 02 on west side, the installation of yellow metal panels at soffits is incomplete.
10. At mechanical room 178, the ceiling penetrations are not acoustically sealed.

WALLS

1. The wall pipe penetrations of floor radiant heater are not sealed with acoustical sealant.
2. The wall endcaps at mullion-mate locations are not painted (white).
3. Acoustical sealant between wall and mullion-mates is missing at all locations.
4. Emseal missing at all wall to interior glazing intersection locations. As discussed, attach 2 1/4" wide, 1/8" thick powder-coated aluminum plate to vertical mullion of interior glazing for installation of Emseal.
5. No gap between wall and interior glazing present for installation of emseal at walls with safety shower, provide remedial solution approved by acoustical engineer.
6. All wall terminations to curtainwall not sealed.
7. Walls at the recessed electrical panel closets along the lab corridor do not extend to ceiling. Provide insulated gypsum board ceiling for acoustical isolation.
8. Clean finish and paint around the safety shower trim.
9. There are gaps at inside and outside corners of wall base at areas with carpet flooring. Seal gaps for less than 1/16" gaps, for larger gaps repair the corners.
10. Braced frames to be sanded and re-painted.
11. On level 02, Corridor C230, the sound acoustic pads are missing
12. Projection screens not installed in rooms 231 and 233.
13. Projectable and writable wall covering not installed in entire project.
14. Writable paint was not applied in entire project.

15. The fascia and soffit at north vertical projection window not painted gray on level 02 and 03.

FLOORING

1. All Terrazzo flooring not reviewed as it was not cleaned and had protection coverings over it.
2. Sealed concrete floor finish is not in place all specified locations.
3. Door frames not sealed to flooring at areas with concrete, tiles, and Nora rubber flooring.

DOORS

1. Most of the hollow metal doors are dinged and need another coat of paint.
2. Gap at the bottom of aluminum doors exceeds allowable tolerance (5/8" - 3/4"). In some cases, it is almost 1 1/2".
3. Door closers on aluminum doors along lab corridor are supposed to be on room side. Currently, they are on corridor side and not compliant.
4. Automatic door openers at all the entrance doors and the vestibule doors are installed below the head of door frame and stick in to the door opening. They are to be installed such that they do not reduce the door opening, flush with the bottom of the door frame head.
5. Sliding doors at WORK/COPY ROOM on all floors need closure trims at head and jamb.
6. The finish (stain color & wood grain direction) of doors 150 & 151 at the EAB connector on level 01 should match the existing EAB doors (dark & vertical grain). Currently, door 150 has incorrect stain color (light) and door 151 has wrong grain direction (horizontal).

INT. GLAZING FRAMING

1. Most of the mullions have scuffs and scratches, provide remedy.
2. Gap between the bottom mullion and flooring exceeds allowable tolerance.
 - a. At Labs with Nora flooring - provide 1" deep recessed sealant to match Nora flooring color.
 - b. At Offices with carpet flooring - suggest to provide some neoprene gasket/rod to fill the gap.
3. All interior glazing framing to wall connections are not sealed.
4. At all locations, gap between terrazzo flooring and interior glazing framing is not sealed.
5. Clear transparent sealant between glass has trapped air bubbles at many locations. Repair and reseal.
6. At NW corner of CONF. ROOM 140 the break metal at the connection of wall and interior glazing is not installed. The end connection does not match the approved submittal.

CURTAINWALL (Interior)

1. Lot of mullions have scuffs and scratches, provide remedy.
2. All wall terminations to curtainwall are not sealed.
3. Raw exposed steel plates at the bottom of aluminum trim at Edge-of-slab along curtainwall. No exposed steel plates allowed per documents.

SHADES

1. Shades installations not complete - ongoing.
2. At many locations, Shades not aligning with mullions.
3. Motorizes shades have not been programmed. Many locations the shades were not working.
4. At some locations, shade operating strings not attached and are too long.
5. Interior shades along the lab corridor are not installed.
6. In dual shade conditions, the shades must be programmed such that the when the blackout shades are activated, it activates both the blackout shades and the screening shades (3%) simultaneously.

ELEVATORS

1. At most locations, the overhead stainless steel panel is not flush with the elevator door frame.
2. At levels 03 & 04, the elevator door frames have a big gap at the bottom. Suggest remedial measures. A mockup of potential solution is desired.

3. At passenger elevator (elev #1) on all floors, the door frames have a cover plate to close the cut-outs due to mistakenly placed call buttons. The door frames to be replaced or repaired to have no visible cut-outs.

LAB CASEWORK

1. Flammable cabinets missing project wide.
2. Pegboard deficiencies-
 - a. At many locations, quite a few pegs are broken.
 - b. Cylinder racks are missing at all locations.
 - c. Draining tray hose missing at many locations.
3. ADA sink cabinet deficiencies -
 - a. Back panel missing. Provide side panels on each side in lieu of back panel to close the service chase behind cabinets and finish & paint the back wall.
 - b. Base missing. Provide base at ADA sink cabinet.
 - c. Roller catch missing at doors. Provide roller catch, such that location of the catch should not reduce the minimum required ADA knee clearance height of 27" at given point.
 - d. Doors need adjustment to avoid collision.
4. At many locations, shelves were missing at base cabinets on level 3 & 4.
5. Shelves at base cabinets with acid neutralization tank must be installed in other base cabinets with similar dimensions.
6. All drawers slides need to be adjusted for smooth slide action.
7. At most locations, mobile lab benches were not fully assembled and were missing countertops.
8. At all shelving at Mobile lab benches, seismic lips and shelf extensions/ inner shelves are missing.
9. At wall mounted shelving, seismic lips are missing.
10. Confirm that all the fume hoods have automatic sash return per specifications.
11. At many lab table locations, the white cover plate of the countertop mounted pedestal electrical outlets has chipped color.
12. At all the teaching walls in the labs, the end panels at the white base cabinets under markerboard tray are missing. They need to be flush with door surface.
13. At DRY SKILLS LAB 135, the bottom pull-out shelf drawer is missing at many locations.

WOOD PANELLING along lab corridor

1. Wood panels on walls missing on all floors at restroom entrances and drinking fountain locations along the lab corridor in Area A.
2. Wood panels on walls and ceiling are missing at Dean Suite's reception (room 202) entry on level 02.
3. At many locations, ceiling-mounted wood panels (head) extend past the wall-mounted wood panels (jambs). Per drawings, they should not extend.
4. Sealant between wood panels and interior glazing framing missing. Provide mockup for clear transparent sealant & white color sealant for Architect's approval. Additionally, provide mockup at locations with gap more than 1/4" too.
5. Sealant between wood panels and wall missing. Provide white color sealant.

PERFORATED ACOUSTIC WOOD PANELLING at Lecture Hall and its lobby

1. Some panels not flush
2. Panels not cut clean, the cut edges chipped.
3. Panels have scuff marks, scratches, paint, corner chipped.

WHITE PAINTED WOOD PANELLING at Corridors on all levels

1. Some panels not flush
2. Panels not cut clean, the cut edges chipped.
3. Panels have scuff marks, scratches, paint, corner chipped.

LECTURE HALL 160 (partial review)

1. Refer to Field Observation Report #14 for deficiencies.
2. Ceiling lights to be aligned to west edge of wood grille ceiling.
3. Provide closure at the end of lights.
4. Sprinklers not aligning with lights.
5. The fire-rated connection of walls to exterior curtain wall mullion at North-West corner is not in compliance with drawings.

TEACHING KITCHEN 174 (partial review)

1. Electric outlets at kitchen island missing per approved submittal
 - a. At the east side of the island.
 - b. At the two open knee spaces on north of island - behind the apron of knee space.
2. Dishwasher should be installed on floor with closure panel at the top. Not to be installed on 2x4 blocking.
3. TV monitor is covering the electric control switch on east wall. Move TV up or lower the switch.

Stair-3 (partial review)

1. Fire-resistive sealant missing between CMU on level 00 and floor of level 01.
2. Walls and floors not sealed.
3. Stringer ends at level 01 floor are open. Close ends.
4. EOS not painted.

AREAS NOT REVIEWED / READY (UNDER CONSTRUCTION) FOR PUNCH-LIST

1. Stair-1 (all levels)
2. Stair-2 (all levels)
3. Stair-3 (level 01 and level 00)
4. Vestibules at all entrances on levels 02 and 01.
5. EAB connectors C2701A and 150 on levels 02 and 01.
6. Level 02 rooms - C230A, 231, 233, C250, C250A, C250B, 275.
7. Level 01 rooms - 110A (locked), 140, 160, 160B, 160C, 160D, C140, C150, C151, C153, C170, 172, 172A, 174, 178, 185, 187, 195, 196.
8. Most of the walls on level 01 were not finished.
9. Level 00

AV INSTALLATION

1. All AV installation was incomplete, hence all the rooms with AV outlets or junctions boxes were not installed.

SUBMITTALS PENDING

1. Formal letter from AHJ regarding approval of proposed curtainwall to edge-of-slab fire resistive joint for dynamic condition.