WM TAO & ASSOCIATES
CONSULTING ENGINEERS

# Punch List

| | | | |
|---|---|---|---|
| Date: | July 17, 2017 | Observation Date: | July 19, 2017 |
| Architect: | Cannon Design | Location: | Webster ISB – Level 0, 1, & Roof |
| Attn: | Kelvin Patel | Observer: | Mark de la Fuente (WTA) |
| Gen. Contr.: | Paric | M/E/P/F Contr.: | Varies |
| File: | Webster University Interdisciplinary Science Bldg.<br>WT 14127.01 (7) | c: | Jason Szachnieski &<br>Devin Gates (Paric) |

**The absence from this report of Contractor deficiencies or omissions does not relieve Contractor of his/her responsibility to comply with all requirements of all contract documents. Note that some areas may require an additional final punch list due to incomplete status of work.**

## Electrical Observations

### General:

1. Remove the plastic wrap from all Type RA series light fixtures when the rooms are complete.
2. Clean all RCG fixtures. Many are dirty.
3. There are a number of locations where there is a gap between the wall and the Type RC/RCG light fixture. Where the gap is small, caulk gap to eliminate gap. Where the gap is large, provide a trim piece to cover the opening.
4. In many locations, the light fixture lenses are dirty and need to be cleaned.
5. It was observed that the lighting control system performed a whole building sweep around 5:30 PM. Coordinate scheduled OFF sweeps with owner. Please note, the engineer does not recommend the entire building be swept off. Only public areas with no occupancy sensors should be turned off via a schedule. Classrooms and offices are equipped with occupancy sensors which will turn off the lights when the space is unoccupied.
6. Provide identification nameplate on all loose mounted switches serving mechanical/plumbing equipment.

### Level 0:

1. Remove unused cabling for SP1/SP2.
2. Install missing horn strobe at the bottom of the stairs.
3. Provide cover for junction box attached to BNH1.
4. Repair power feed to condensing unit.
5. Provide coverplate for switch on AHU3/AHU4.

# Punch List

**Level 1:**

6. The following rooms were incomplete at the time of this punch: Teaching Kitchen, Lecture Hall, and Main Conference Room.
7. Install missing power in Dry Skills Lab floor boxes.
8. In Dry Skills Lab, emergency fixtures are not dimming. Investigate and correct.
9. Install missing push button in Sim Lab Control Room.
10. In Office 144, re-install crooked lens in middle light fixture.
11. In Stair 2, provide missing Fire Alarm ceiling access panel.
12. In Main Electrical Room, provide nameplate on Panel 1SL1-A.
13. In Main Electrical Room, install covers over open pull boxes and junction boxes.
14. In Main Electrical Room, install cover on Panel 1NL2.
15. In MDF 195, provide covers over open junction boxes.
16. In Cylinder Room 187, install missing receptacle.
17. In Spill Closet 185, cover open junction box.
18. In JC 175, fill conduit wall penetrations.
19. In Teaching Kitchen 174, install missing receptacle for computer. Receptacles marked with E24 are not in the location indicated by Architect.
20. In Teaching Kitchen 174, the lighting control keypad is being covered up by the Television. Swap keypads or relocate obstructed keypad. Coordinate with Owner.
21. In Cadaver Lab 191, one of the light fixtures is dim. Confirm fixture is operating correctly.
22. In Toilet 182, patch drywall around downlight.
23. In EAB Connector, install missing Type WA fixture lenses.
24. In Health Assessment 131, a number of junction boxes are installed but the devices are missing. Install missing devices.
25. In AV Equip 160D, install missing general purpose receptacle.
26. In the Lecture Hall, there is a large gap between the Type RC fixtures and the wall. Extend wall up/into RC fixture or provide trim piece to complete installation.
27. In the Lecture Hall, the lighting control keypads are missing. The lighting operation has not been observed.
28. In Lecture Entry 160C, install Type RB4 light fixture and lighting control keypad.
29. In Vest C153, install missing lenses.

# Punch List

30. In Lobby C150, replace inoperable Type RR fixture section.
31. In Corridor C140, install missing downlights.
32. In Office Staff 101, relocate switch so it is not behind the door.

**Roof Level:**

1. Repair or replace twisted HEF-1 flashing boot.
2. Install missing receptacles on roof and provide flashing boot where missing.
3. Seal and secure pipe curb on roof.