



FIELD OBSERVATION REPORT

TO:	Pat Garner – WTA
BY:	Tom Becker
PROJECT:	Webster University - ISB
PROJECT NO:	235-001 (CD #04561.01)
SUBJECT:	Technology Infrastructure
OBSERVATION DATE:	January 25, 2017
ISSUE DATE	January 25, 2017
DISTRIBUTION:	

NOTE: Omission in this report of any non-compliance with the contract documents does not relieve the contractor of responsibility to comply with requirements of the contract documents.

TECHNOLOGY INFRASTRUCTURE OBSERVATIONS/COMMENTS:

Level 0:

1. No infrastructure rough-in completed on this level.

Level 01:

1. Interior walls in Area A have not been built, therefore infrastructure rough-in in walls has not begun.
2. MDF/IT Work Room: Incoming service conduits have been stubbed through the west exterior wall. Watertight seals have been installed. These conduits have been stubbed above grade on the exterior side of the west wall, all conduits have temporary caps.
3. Installation of the trapeze hangers for the basket tray in Area B is in progress in the north corridor.
4. A substantial amount of infrastructure rough-in has been installed in Area B. The products, materials and installation observed are in compliance with the drawings and specifications.

Level 02:

1. Installation of the trapeze hangers for the basket tray in Area A and B is in progress.
2. A substantial amount of infrastructure rough-in has been installed in Area A and B. The products, materials and installation observed are in compliance with the drawings and specifications.
3. Drywall was being installed in Off. Operations 214 and Off Communications 212. I could not enter these rooms but it appeared that infrastructure rough-in was not fully complete in these rooms (specifically the north/south wall separating these rooms). Verify infrastructure rough-in has been installed.

Level 03:

1. Installation of infrastructure rough-in is in progress in Area A and B (Area B is further along than Area A). The products, materials and installation observed are in compliance with the drawings and specifications.
2. Installation of the trapeze hangers for the basket tray in Area B is in progress.

Level 04:

1. Interior walls in Area A have not been built, therefore infrastructure rough-in in walls has not begun.
2. Installation of infrastructure rough-in is in progress in Area B. The products, materials and installation observed are in compliance with the drawings and specifications.



Faith Group

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FIELD OBSERVATION REPORT

TO:	Pat Garner – WTA
BY:	Tom Becker
PROJECT:	Webster University - ISB
PROJECT NO:	235-001 (CD #04561.01)
SUBJECT:	Arear B Above Ceiling Inspection
OBSERVATION DATE:	April 25, 2017
ISSUE DATE	April 26, 2017
DISTRIBUTION:	

NOTE: Omission in this report of any non-compliance with the contract documents does not relieve the contractor of responsibility to comply with requirements of the contract documents.

TECHNOLOGY INFRASTRUCTURE OBSERVATIONS/COMMENTS:

General Area B Comments:

1. Remove ty-wraps securing cables to basket tray, provide Velcro strips only.
2. Patch wall around all conduit penetrations.
3. Provide frame around ceiling mounted fire-rated pathways in all Data rooms.
4. There are various locations on all floors that have a build-up of drywall mud attached to the data cables. Remove drywall mud build-up in all locations.
5. We observed a few locations where power conduits are attached to the basket tray. No power conduits shall be attached to the basket tray.
6. Provide basket tray drop-outs where data cables exit the basket tray.
7. Data cabling has been installed in the basket tray and to wall boxes on the 1st, 2nd, and 3rd floors. The main basket tray cable runs have been installed on Level 4, cabling to wall boxes is approximately 40% complete. Data cables are coiled inside wall boxes, outlets and terminations have not been completed. The products, materials and installation observed are in compliance with the drawings and specifications.
8. Data Room 100B, 200B, 300B and 400B: Data cables have been installed through the wall mounted fire rated pathways and are coiled inside the data room. Data racks and rack mounted equipment have not been installed. Plywood backboard has been installed on all walls.
9. Data cables to ceiling mounted WAP locations have been installed.

Level 03 Area B:

1. Commons 302: There is a conflict with the basket tray and light fixture (see photo) where the basket tray has been modified and the light fixture protrudes into the basket tray which

results in data cables resting on top of the light fixture. Relocate or raise the cable tray to avoid this conflict.



2. The basket tray in Corridor C330 conflicts with a wall mounted j-box located on the east wall between OFF. ASP 322 and OFF. ASJ. 332 (see photo). Raise j-box to maintain NEC required clearance.



General Comments:

1. MDF/IT Workroom 195: Data racks and rack mounted equipment have not been installed. Plywood backboard has been installed on all walls.
2. Installation of the basket tray in Area A is complete with the exceptions of the MDF/IT Workroom 195 and Data 100B, 200B, 300B and 400B.



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FIELD OBSERVATION REPORT

TO:	Pat Garner – WTA
BY:	Tom Becker
PROJECT:	Webster University - ISB
PROJECT NO:	235-001 (CD #04561.01)
SUBJECT:	Area A, Level 2 and 3 Above Ceiling Inspection
OBSERVATION DATE:	May 15, 2017
ISSUE DATE	May 15, 2017
DISTRIBUTION:	

NOTE: Omission in this report of any non-compliance with the contract documents does not relieve the contractor of responsibility to comply with requirements of the contract documents.

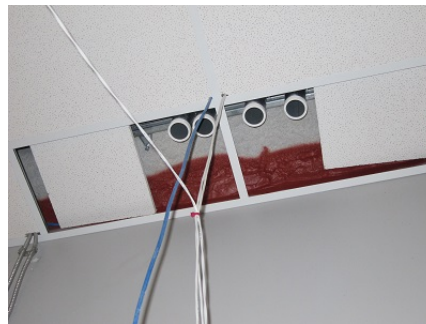
TECHNOLOGY INFRASTRUCTURE OBSERVATIONS/COMMENTS:

General Area A Comments:

1. Data cabling has been installed in the basket tray and to most wall boxes on the 2nd, and 3rd floors. Data cables are coiled inside wall boxes, outlets and terminations have not been completed. The products, materials and installation observed are in compliance with the drawings and specifications.

Area A, Level 02:

1. Data 200B: Remove construction dust and debris from floor mounted fire-rated pathway.
2. Data 200B: Route data cable through conduit instead of ceiling tile.

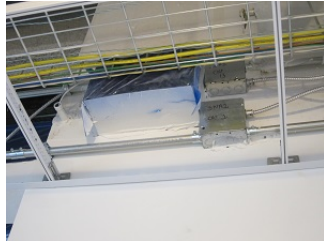


3. The basket tray in Corridor C280 conflicts in two locations with mechanical ducts and wall mounted j-boxes located on the west wall between Micro/Plant Research Lab 283 and Lact. 275.



Area A, Level 03:

1. The basket tray in Corridor C380 conflicts in two locations with mechanical ducts and wall mounted j-boxes located on the west wall between Cell Bio/Biochem Lab 383 and JC 375.



General Comments:

1. MDF/IT Workroom 195: Data racks and rack mounted equipment have not been installed. Plywood backboard has been installed on all walls. A temporary network switch is mounted on the south wall. There is only one wall mounted fire-rated pathway into the room, the drawings specify four.
2. Installation of the basket tray in Area A is complete. The runway has not been installed in MDF/IT Workroom 195 and Data 100B, 200B, 300B and 400B.



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TO:	Pat Garner – WTA
BY:	Tom Becker
PROJECT:	Webster University - ISB
PROJECT NO:	235-001 (CD #04561.01)
SUBJECT:	Area A, Level 2 IDF 200B Mock-Up
OBSERVATION DATE:	May 17, 2017
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TECHNOLOGY INFRASTRUCTURE OBSERVATIONS/COMMENTS:

Level 02 IDF 200B Mock-Up:

1. Move the east/west cable runway extending from the rack to the east wall so that it is centered between the security equipment cabinet and the TTB as shown on sheet T0201.
2. Install the vertical cable managers.
3. Install the vertical cable runway on the south wall.
4. Install the TGB.
5. Secure all floor and wall mounted equipment.
6. These comments apply to IDF 100B, 200B, 300B and 400B. The contractor shall proceed with final installation of the IDF room equipment as shown on sheet T0201.



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TO:	Pat Garner – WTA
BY:	Tom Becker
PROJECT:	Webster University - ISB
PROJECT NO:	235-001 (CD #04561.01)
SUBJECT:	Area A, Level 01 and 04 Above Ceiling Inspection
OBSERVATION DATE:	May 19, 2017
ISSUE DATE	May 19, 2017
DISTRIBUTION:	

NOTE: Omission in this report of any non-compliance with the contract documents does not relieve the contractor of responsibility to comply with requirements of the contract documents.

TECHNOLOGY INFRASTRUCTURE OBSERVATIONS/COMMENTS:

General Area A Comments:

1. Data cabling has been installed in the basket tray and to most wall boxes on Level 04. Data cables are coiled inside wall boxes, outlets and terminations have not been completed. Data cabling has not been installed on Level 01. The products, materials and installation observed are in compliance with the drawings and specifications.

Area A, Level 01:

1. Data 100B: Data cables are coiled inside the room and temporarily hung on j-hooks. Racks and cable runway have not been installed.
2. Temporary power cabling is being supported from the basket tray in Corridor C180.

Area A, Level 04:

1. Remove wood 2x4 from the basket tray above Lab Waste-Chem 465 and Corridor C480 (just outside Lab Waste-Chem 465).