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REVISIONS

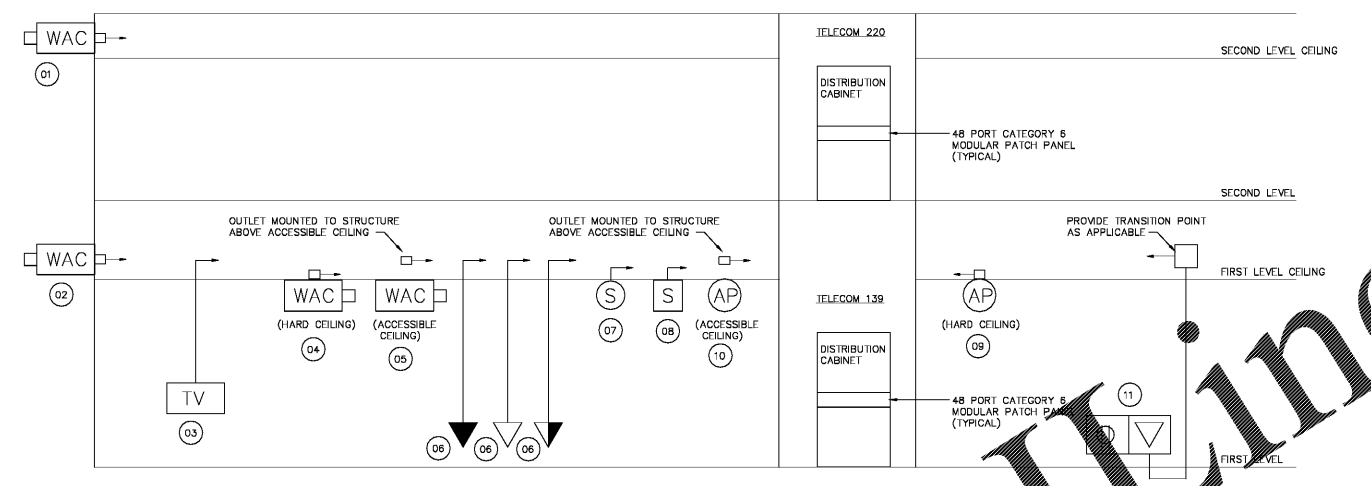
DATE: DECEMBER 07, 2018  
PROJECT NUMBER: 9197-000

SHEET TITLE  
**TELECOM HORIZONTAL CABLING DIAGRAMS**

SHEET NUMBER  
**TC-303**

KEYED NOTES

- 01 WEATHERPROOF CAMERA MOUNTED ON EXTERIOR SKIN OF BUILDING. CABLING RUNS TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN TELECOM 220.
- 02 WEATHERPROOF CAMERA MOUNTED ON EXTERIOR SKIN OF BUILDING. CABLING RUNS TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN TELECOM 220.
- 03 CATV OUTLET. DATA CABLING RUNS TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL. COAX CABLE TERMINATES ON BACKBOARD MOUNTED COAX PATCH PANEL. ALL CABLING TERMINATES IN ROOM 135.
- 04 INTERIOR CAMERA IN HARD CEILING AREA. CABLING RUNS FROM FLUSH CEILING BOX TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN TELECOM 220.
- 05 INTERIOR CAMERA IN ACCESSIBLE CEILING AREA. CABLING RUNS FROM PLENUM RATED SURFACE BOX MOUNTED TO STRUCTURE ABOVE ACCESSIBLE CEILING TO TELECOM 220.
- 06 TYPICAL TELECOM OUTLETS, INSTALLED AT 18" AND 42" AFF. CABLING RUNS TO DISTRIBUTION CABINET AND IS TERMINATED IN DATA PATCH PANEL IN TELECOM 139.
- 07 WALL/CEILING FLUSH MOUNTED SPEAKER. SYMBOL REFLECTS TYPICAL HOMERUN CABLING FROM SPEAKER CIRCUIT. REFER TO SHEET TC2.01. SHIELDED SPEAKER CABLING RUNS TO BACKBOARD MOUNTED TERMINAL STRIP IN TELECOM 220.
- 08 WALL SURFACE MOUNTED DIRECTIONAL SPEAKER. SYMBOL REFLECTS TYPICAL HOMERUN CABLING FROM SPEAKER CIRCUIT. REFER TO SHEET TC2.01. SHIELDED SPEAKER CABLING RUNS TO BACKBOARD MOUNTED TERMINAL STRIP IN TELECOM 220.
- 09 WIRELESS ACCESS POINT OUTLET IN HARD CEILING AREA. CABLING RUNS FROM FLUSH CEILING BOX TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN TELECOM 220.
- 10 WIRELESS ACCESS POINT IN ACCESSIBLE CEILING AREA. CABLING RUNS FROM PLENUM RATED SURFACE BOX MOUNTED TO STRUCTURE ABOVE ACCESSIBLE CEILING TO TELECOM 220.
- 11 COMBINATION POWER/DATA FLOOR BOX. DATA CABLING IN CONDUIT SLAB UNDER GRADE SHALL BE OSP TYPE. RUN TO TRANSITION POINT JUNCTION BOX, 6" X 6" X 4", ABOVE ACCESSIBLE CEILING. CABLE SHALL BE TRANSITIONED TO PLENUM RATED CABLING FOR REMAINDER OF RUN TO TELECOM 139.

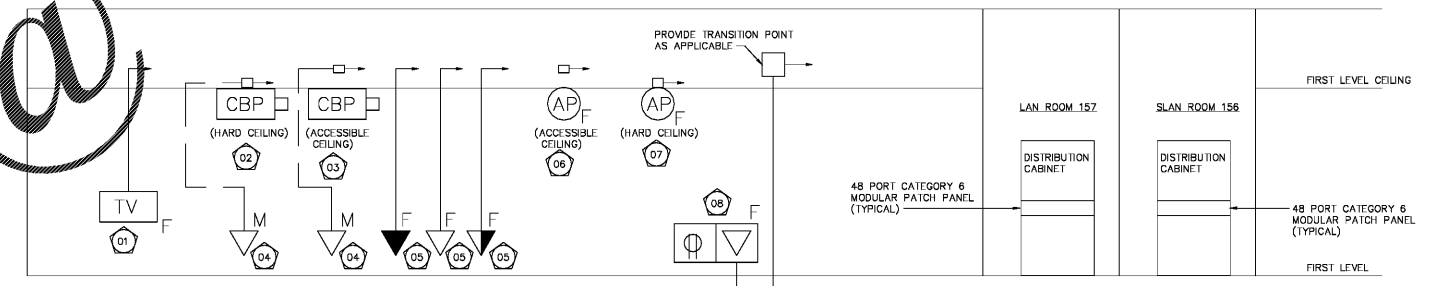


1 TYPICAL HORIZONTAL CABLING DIAGRAM (OTHER THAN FIS/CBP AREA)

- NOTES:
1. CABLING REQUIREMENTS SHOWN ARE TYPICAL FOR EACH OUTLET BY TYPE.
  2. REFER TO TELECOM ZONING PLAN AND DISTRIBUTION CABINET DETAILS FOR ADDITIONAL INFORMATION.
  3. ALL CABLING SHALL BE RUN IN CONDUIT, 1" MINIMUM, WHEN IN ACCESSIBLE SPACES, THROUGH EQUIPMENT ROOMS, AND WHEN EXPOSED TO WEATHER OR PUBLIC VIEW, CONDUIT SHALL TERMINATE WITHIN 12" ABOVE CEILING. CONDUIT RUN DIRECT TO SERVING TELECOM ROOM, WHICHEVER IS NEARER.
  4. REFER TO TELECOM CABLING SYMBOL SCHEDULE FOR CABLE IDENTITIES, COLORS AND JACK COLOR BY OUTLET SYMBOL.
  5. ALL CABLING IS CATEGORY 6 U.O.N. AND TERMINATES ON DISTRIBUTION CABINET MODULAR PATCH PANEL U.O.N.
  6. LABEL BOTH ENDS OF ALL CABLING OR CABLE SEGMENT.
  7. SUPERSCRIPTS MAY MODIFY REQUIREMENTS OF ANNOTATED OUTLETS. REFER TO TELECOM CABLING SYMBOL SCHEDULE. REFER TO ARCHITECTURAL, ELECTRICAL, AND ELECTRICAL LOW VOLTAGE PLANS FOR OUTLET QUANTITIES AND LOCATIONS. IN THE EVENT OF CONFLICT BETWEEN PLANS, THE MORE EXPENSIVE, CAPABLE OR INTRICATE OPTION SHALL BE ASSUMED TO APPLY UNLESS DIRECTED OTHERWISE BY A/E.
  8. ALL CABLING SHALL BE RATED FOR ITS INSTALLED ENVIRONMENT OR BETTER. ALL INTERIOR CABLING SHALL BE PLENUM RATED U.O.N. REGARDLESS IF CABLING IS IN CONDUIT OR NOT.
- SCALE: NONE

KEYED NOTES

- 01 CATV OUTLET. CATEGORY 6A DATA CABLING RUNS TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN LAN ROOM 157. COAX CABLE TERMINATES ON BACKBOARD MOUNTED COAX PATCH PANEL. ALL CABLING TERMINATES IN LAN ROOM 157.
- 02 INTERIOR CAMERA IN HARD CEILING AREA. CATEGORY 6 CABLING RUNS FROM FLUSH CEILING BOX TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN SLAN ROOM 156. THIS APPLIES TO BOTH 'WAC' AND 'CBP' CAMERAS IN CBP AREA.
- 03 INTERIOR CAMERA IN ACCESSIBLE CEILING AREA. CATEGORY 6 CABLING RUNS FROM BACKBOX MOUNTED TO STRUCTURE ABOVE ACCESSIBLE CEILING TO SLAN ROOM 156. THIS APPLIES TO BOTH 'CBP' AND 'WAC' CAMERAS IN CBP AREA.
- 04 MICROPHONE AND CABLE TO CAMERA (SELECTED CAMERAS ONLY). RUN 1" CONDUIT FROM MICROPHONE OUTLET TO CAMERA BACKBOX INDICATED ON PLANS. MICROPHONE, CABLE AND CONNECTIONS BY ACC. COORDINATE MICROPHONE SWITCHING REQUIREMENTS WITH FIS/CBP REPRESENTATIVE.
- 05 TYPICAL TELECOM OUTLETS, INSTALLED AT 18" AND 42" AFF. CATEGORY 6A CABLING RUNS TO DISTRIBUTION CABINET AND IS TERMINATED IN DATA PATCH PANEL IN LAN ROOM 157.
- 06 WIRELESS ACCESS POINT OUTLET IN HARD CEILING AREA. CATEGORY 6A CABLING RUNS FROM FLUSH CEILING BOX TO DISTRIBUTION CABINET AND TERMINATES ON DATA PATCH PANEL IN LAN ROOM 157.
- 07 WIRELESS ACCESS POINT IN ACCESSIBLE CEILING AREA. CABLING RUNS FROM BACKBOX MOUNTED TO STRUCTURE ABOVE ACCESSIBLE CEILING TO LAN ROOM 157.
- 08 COMBINATION POWER/DATA FLOOR BOX. CATEGORY 6A DATA CABLING IN CONDUIT UNDER GRADE SHALL BE OSP TYPE. RUN TO TRANSITION POINT JUNCTION BOX, 6" X 6" X 4", ABOVE ACCESSIBLE CEILING. CABLE SHALL BE TRANSITIONED TO PLENUM RATED CABLING FOR REMAINDER OF RUN TO LAN ROOM 157.



2 TYPICAL HORIZONTAL CABLING DIAGRAM (IN FIS/CBP AREA ONLY)

- NOTES:
1. CABLING REQUIREMENTS SHOWN ARE TYPICAL FOR EACH OUTLET BY TYPE.
  2. REFER TO TELECOM ZONING PLAN AND DISTRIBUTION CABINET DETAILS FOR ADDITIONAL INFORMATION.
  3. ALL CABLING SHALL BE RUN IN CONDUIT IN ITS ENTIRETY FROM OUTLET TO SERVING LAN OR SLAN ROOM. ALL OUTLETS WITH 'F' SUPERSCRIPIT ARE CATEGORY 6A OUTLETS, REQUIRING OVERSIZE OUTLET BOXES AND 1 1/4" CONDUIT, MINIMUM, TO LAN ROOM 157. CABLING FOR BOTH 'WAC' AND 'CBP' CAMERAS SHALL BE CATEGORY 6, AND SHALL BE RUN COMPLETELY IN CONDUIT, 1" MINIMUM, TO CABINET IN SLAN ROOM 156.
  4. REFER TO TELECOM CABLING SYMBOL SCHEDULE FOR CABLE IDENTITIES, COLORS AND JACK COLOR BY OUTLET SYMBOL.
  5. ALL CABLING IS CATEGORY 6 (CAMERAS ONLY) OR 6A U.O.N., AND TERMINATES ON DISTRIBUTION CABINET MODULAR PATCH PANEL U.O.N.
  6. LABEL BOTH ENDS OF ALL CABLING OR CABLE SEGMENT.
  7. SUPERSCRIPITS MAY MODIFY REQUIREMENTS OF ANNOTATED OUTLETS. REFER TO TELECOM CABLING SYMBOL SCHEDULE. REFER TO ARCHITECTURAL, ELECTRICAL, AND ELECTRICAL LOW VOLTAGE PLANS FOR OUTLET QUANTITIES AND LOCATIONS. IN THE EVENT OF CONFLICT BETWEEN PLANS, THE MORE EXPENSIVE, CAPABLE OR INTRICATE OPTION SHALL BE ASSUMED TO APPLY UNLESS DIRECTED OTHERWISE BY A/E.
  8. ALL CABLING SHALL BE RATED FOR ITS INSTALLED ENVIRONMENT OR BETTER. ALL INTERIOR CABLING SHALL BE PLENUM RATED U.O.N. REGARDLESS IF CABLING IS IN CONDUIT OR NOT.
- SCALE: NONE

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