

FIELD OBSERVATION REPORT 06-15-2016

Report Date: 06/15/2016

Observation Date/Time: 06/13/2016 10:00AM to 12:00 PM

AEI Project Number and Name: 14018 – The Park Danforth

Report by: Stephen Markiewicz

Contractor: PC Construction

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Work in Progress: Rough-in of conduit and cabling in walls. Conduit and cable installation above ceilings is in early progress, with feeder cables to apartment load centers installed on first through third floors and in progress on the Fourth Floor. Switchboard assembly is also in progress. Panel feeders to the distribution panels on the apartment floor are not yet installed. The quality of workmanship for the installed work is generally high.

The work appears generally in compliance with code and the Contract Documents, except that the power/control cable currently installed between the split-system air conditioner outdoor units and indoor units is not permitted to be used in buildings required to be of Type I Construction.

Observations:

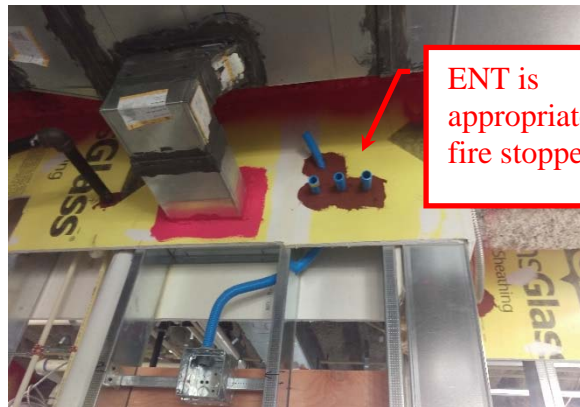
General:

The power/control cable currently installed between the split-system air conditioner outdoor units and indoor units is type UF. This cable type is only permitted to be used in buildings permitted to be of Types III, IV, and V construction and is not permitted in Type I Construction. An armored or metal clad cable type is required.



Typical Type UF cable between units of ductless split air conditioners. This cable type is not permitted. Provide an armored or metal clad cable type.

Electrical Nonmetallic Tubing (ENT) is installed for fire alarm and telecommunications raceways. AEI takes no exception to the use of ENT for this application provided it is acceptable to the Authority Having Jurisdiction.



ENT is appropriately fire stopped

Installed feeders and branch circuit wiring is properly supported and appropriately bundled to avoid de-rating the conductors. Firestopping is in progress, but not complete.



Garage Level

Switchboard assembly is in progress. Overhead conduit installation is in early progress.



First, Second and Third Floors

Rough wiring in apartments appears generally complete on the first and second floors, and is in progress on the Third Floor.



Fourth Floor

Installation of feeder cables to the apartment load centers is in early progress. Outlet and device boxes and loadcenter enclosures are installed



Fifth Floor

Electrical rough-in has generally not started, but MC cables to outdoor receptacles are installed and sealed.



Outdoors

The utility transformer vault and communications pull boxes are installed. The utility riser pole is installed and power and communications conduits are stubbed up at the poles.



If any information in this field observation report is incorrect or there are any questions, please let us know.

END OF FIELD OBSERVATION