

DESIGN March 9, 2021

GROUP,

Mike Hampton (Schwerdt Design Group Inc)
Agent for AT&T Corporate Real Estate
2231 SW Wanamaker Rd
Topeka Kansas 66614

INC.

RE:
Chiller Replacement – Response to City Review
202 East 3rd Street
Lees Summit, Missouri
SDG project number 190102

In response to city review dated February 02, 2021

Architecture

COMMENTS:

Interiors

City Comment 1 2018 IBC 1606.2 Design dead Load. For purposes of design, the actual weights of materials of construction and fixed service equipment shall be used. In the absence of definite information, values used shall be subject to the approval of the building official.

Planning

Action Required: provide verification that either the weight of new roof top equipment is less than or equal to original equipment or provide engineer's report to verify that existing roof structure will support additional load.



Response: The weight of the new equipment does not exceed the weight of the original equipment being replaced. Reference the attached structural engineers letter verifying such.

2231 SW Wanamaker Rd.

City Comment 2 2018 IBC 1015.6 Mechanical equipment, system and devices. Guards shall be provided where various components that require service are located within 10 feet of a roof edge or open side of a walking surface and such edge or open side is located more than 30 inches above the floor, roof or grade below. The Guard shall extend not less than 30" beyond each end of such components. The Guard shall be constructed so as to prevent the passage of a sphere 21 inches in diameter.

Suite 303

Action Required: Provide fall protection at new roof mounted equipment.

Topeka, Kansas

Response: On revised sheet A103 fall protection that extends 30" beyond the end of the components will be added to the construction drawing at the roof edge within 10 feet to the mechanical units. The fall protection will be provided in the form of a guard rail designed and manufactured by "Leading Edge" safety railing company. 1345 Taney Street, North Kansas City, Missouri 64116 (PH# 888-990-2990). Attached is the revised roof plan drawing and the manufacturers specifications for the wall mounted guardrail mounted to the existing parapet wall.

66614-4275

785.273.7540

City Comment 3 2017 NEC Article 210.63 Heating, Air-Conditioning, and Refrigeration Equipment Outlet. A 125-volt, single-phase, 15- or 20-ampere-rated receptacle outlet shall be installed at an accessible location for the servicing of heating, air-conditioning, and refrigeration equipment. The receptacle shall be located on the same level and within 25 feet of the heating, air-conditioning, and refrigeration equipment. The receptacle outlet shall not be connected to the load side of the equipment disconnecting means.

FAX 785.273.7579

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COMMENTS Continued:

City Comment 3 Action required: Provide convenience receptacle within 25' of new roof mounted hvac equipment or provide verification that there is an existing receptacle.

Response: An existing convenience receptacle is currently provided within 25' of the new roof mounted HVAC equipment. Reference the attached EP102 drawing that shows the location of the existing convenience receptacle.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Hampton", with a stylized, cursive script.

Mike Hampton
SDG project architect