Design and Construction Services
Facilities Planning & Management

MODIFICATION

Project Name: Wayne State University
Campus Wide Elevator Modernization

WSU Project No: Multiple

Date: March 27, 2024

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This Modification is issued pursuant to the Wayne State University Campus Wide Elevator Modernization Project. This document serves to modify and supersede information in the Specifications.

PART 1 – VDA, INC. SPECIFICATION MODIFICATIONS

A. Refer to Specifications for Two Elevators at Parking Structure 5, Section 2.11:
   a. Removed section 2.11, paragraph J, K in its entirety.
   b. Replaced section 2.11, paragraph J as follows:
      1. Existing Close Circuit TV Security System to remain, adequately protect during construction.

B. Refer to Specifications for Two Elevators at Parking Structure 1:
   a. Added new specification section “Closed Circuit Security Camera” as follows:
      1. Provide a corner mounted AXIS P91 series camera that will integrate with the University’s Genetec video surveillance system.
      2. The camera is to be mounted diagonally across from the strike plate of the elevator door and able to view the position indicator and passenger traffic.
      3. The camera shall be of the wide-angle lens low light type.
      4. The elevator camera shall be energized by an independent source of current, other than the current supply to the main elevator operation to avoid the possibility of system failure due to an interrupted current supply to the elevator equipment.
      5. The network connectivity for the camera will be power-over-ethernet plus (PoE+) based via Ethernet. Connectivity can be facilitated using new or existing cabling using the following methods:

         - Elevator-rated Category 6 Ethernet
         - Coaxial cable via AXIS T8640 PoE+ over Coast Adapter Kit
         - Existing traveler cable pair via 2N 2Wire Converter Units

      6. If not already existing, provide a battery back-up unit located at the IT closet where the camera connectivity will terminate to provide a minimum of two (2) hours of back-up power in the event of building power loss.

Battery backup must support the local switch infrastructure the camera relies on.

7. Installation of the camera must be approved and overseen by WSU Public Safety and C&IT.
8. All hardware and wiring as necessary, in accordance with specifications provided by the Owner/Architect attached and made part of this specification.

C. Refer to Specifications for Two Elevators at Parking Structure 5, Section 2.11:
   a. Removed section 2.11, paragraph J, K in its entirety.
   b. Replaced section 2.11, paragraph J as follows:
      1. Existing Close Circuit TV Security System to remain, adequately protect during construction.

D. Refer to Specifications for Five Elevators at 5057 Woodward:
   a. Removed section 2.11, paragraph P in its entirety.
   b. Replaced section 2.11, paragraph P as follows:
      1. Provide a corner mounted AXIS P91 series camera that will integrate with the University's Genetec video surveillance system.
      2. The camera is to be mounted diagonally across from the strike plate of the elevator door and able to view the position indicator and passenger traffic.
      3. The camera shall be of the wide-angle lens low light type.
      4. The elevator camera shall be energized by an independent source of current, other than the current supply to the main elevator operation to avoid the possibility of system failure due to an interrupted current supply to the elevator equipment.
      5. The network connectivity for the camera will be power-over-ethernet plus (PoE+) based via Ethernet. Connectivity can be facilitated using new or existing cabling using the following methods:

         - Elevator-rated Category 6 Ethernet
         - Coaxial cable via AXIS T8640 PoE+ over Coast Adapter Kit
         - Existing traveler cable pair via 2N 2Wire Converter Units

      6. If not already existing, provide a battery back-up unit located at the IT closet where the camera connectivity will terminate to provide a minimum of two (2) hours of back-up power in the event of building power loss. Battery backup must support the local switch infrastructure the camera relies on.
      7. Installation of the camera must be approved and overseen by WSU Public Safety and C&I
      8. All hardware and wiring as necessary, in accordance with specifications provided by the Owner/Architect attached and made part of this specification.

E. Refer to Specifications for Two Elevators at Bio Science:
   a. Removed section 2.12, paragraph N in its entirety.
   b. Replaced section 2.12, paragraph N as follows:

1. Provide a corner mounted AXIS P91 series camera that will integrate with the University's Genetec video surveillance system.
2. The camera is to be mounted diagonally across from the strike plate of the elevator door and able to view the position indicator and passenger traffic.
3. The camera shall be of the wide-angle lens low light type.
4. The elevator camera shall be energized by an independent source of current, other than the current supply to the main elevator operation to avoid the possibility of system failure due to an interrupted current supply to the elevator equipment.
5. The network connectivity for the camera will be power-over-ethernet plus (PoE+) based via Ethernet. Connectivity can be facilitated using new or existing cabling using the following methods:

    - Elevator-rated Category 6 Ethernet
    - Coaxial cable via AXIS T8640 PoE+ over Coast Adapter Kit
    - Existing traveler cable pair via 2N 2Wire Converter Units

6. If not already existing, provide a battery back-up unit located at the IT closet where the camera connectivity will terminate to provide a minimum of two (2) hours of back-up power in the event of building power loss. Battery backup must support the local switch infrastructure the camera relies on.
7. Installation of the camera must be approved and overseen by WSU Public Safety and C&I
8. All hardware and wiring as necessary, in accordance with specifications provided by the Owner/Architect attached and made part of this specification.

PART 2 – LERCH BATES SPECIFICATION MODIFICATIONS

A. Refer to Specifications for Student Center, Science Hall, Alumni House, Faculty Administration Building, Reuther Library, Elliman Clinical Research
    a. Added new Specification Section "Closed Circuit Security Camera" as follows:
        1. Provide a corner mounted AXIS P91 series camera that will integrate with the University's Genetec video surveillance system.
        2. The camera is to be mounted diagonally across from the strike plate of the elevator door and able to view the position indicator and passenger traffic.
        3. The camera shall be of the wide-angle lens low light type.
        4. The elevator camera shall be energized by an independent source of current, other than the current supply to the main elevator operation to avoid the possibility of system failure due to an interrupted current supply to the elevator equipment.
        5. The network connectivity for the camera will be power-over-ethernet plus (PoE+) based via Ethernet. Connectivity can be facilitated using new or existing cabling using the following methods:

            - Elevator-rated Category 6 Ethernet
            - Coaxial cable via AXIS T8640 PoE+ over Coast Adapter Kit
            - Existing traveler cable pair via 2N 2Wire Converter Units

6. If not already existing, provide a battery back-up unit located at the IT closet where the camera connectivity will terminate to provide a minimum of two (2) hours of back-up power in the event of building power loss. Battery backup must support the local switch infrastructure the camera relies on.
7. Installation of the camera must be approved and overseen by WSU Public Safety and C&IT.
8. All hardware and wiring as necessary, in accordance with specifications provided by the Owner/Architect attached and made part of this specification.

PART 3 – SUPPLEMENTARY INFORMATION

A. Refer to WSU Standards for Communication Infrastructure for Further Information

https://tech.wayne.edu/docs/wsu-communications-standards.pdf

B. The following information is being issued as a clarification to the Campus Wide Elevator Modernization project. See below clarifying which facilities have the backup power.

a. Science Hall Building has full building generator, including elevators.
b. Student Center Building has full building generator, including elevators.
c. Reuther Library does not have the generator.
d. Faculty Administration Building has a generator for life safety systems only.
e. Alumni House does not have the generator.
f. Elliman Clinical Research Building has full building generator, including elevators.
g. Parking Structure 5 does not have generator.
h. Parking Structure 1 does not have generator.
i. 5057 Woodward Ave. does not have generator.
j. Parking Structure #6 does not have generator.
k. Biological Sciences Building has full building generator, including elevators.

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