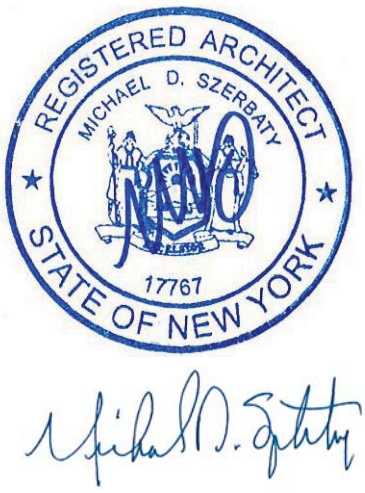
Addendum 5

December 2, 2022
SUCF 081058-00 Upgrade Elevators - Campus Wide at SUNY New Paltz, 1 Hawk Dr. New Paltz, NY 12561

Prepared for the "State University Construction Fund"
Prepared by MDSzerbaty Associates 307 Seventh Avenue, Suite 1501, New York, NY 10001 and IAQ Systems Inc., 555 Eighth Avenue, Suite 1502, New York, NY 10018

The following additions, deletions, and/or changes or clarifications to the drawings, specifications, and bidding documents for this project, shall become and are hereby made part of the Contract Documents. They change the original documents only in the manner and to the extent stated. Each bidder shall acknowledge receipt of this Addendum in the appropriate location on the bid proposal form.

This addendum consists of eighteen (18) pages and forty-six (46) attachments.



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Revisions to the Specifications:

1. Specification Section 01 11 00 Description of Work (Section A)
Replace the word “geared” with “gearless” at all buildings. Refer to elevator specification 14 00 00.

2. Specification Section 01 26 43 Amendments (Section E)
Add the following to the end of item 4 –
and “except for the single source shown in specification section 14 00 00 Elevators item 2.3, A, p where the use of another product is not permitted.”

3. Specification Section 01 55 29 Staging Area and Storage of Materials
Replace item 10 with the following –
Provide a chain link fence around staging, storage, parking, etc. areas that is 8’-0” high. Cover all fence fabric with blue closed mesh woven polypropylene with 95% blockage and finished with binding and grommets. Reinforce posts and add additional posts and braces as required to support the additional wind load created by installation of the fabric. Secure fabric at 2'-0" by 2'-0" grid intervals and inspect and repair all attachments points monthly. Tears or holes greater than 6" in one dimension shall be repaired weekly. Minimum post size shall be as required for a 70 mph wind. Gates shall be a minimum of 20 feet across, double swing leaves with a drop rod to secure them in place while in the closed position. All gates shall include heavy duty padlocks, keyed alike, with 10 spare keys for each given to the Consultant for distribution. Provide continuous top and bottom rails. All areas within the fence shall have all grass, weeds, etc. mowed when it exceeds 6” in height. Contractor shall clear snow as necessary within fenced areas. Snow from within the fenced areas shall be moved outside the fenced areas, transported and legally disposed of offsite. Snow outside the Contract Limits will be removed by the campus. Set fence posts and supports in the manner that facilitates the removal of snow by the campus. True and plumb the fence posts on a monthly basis.

4. Specification Section 08 71 00 Door Finish Hardware
Replace 2.02 Products and Manufacturers, A. with the following –
See drawings.

Replace 2.03 Specific Products, A. Hinges with the following –
Hinges: See drawings.

Replace 2.03 Specific Products, B. Surface Closers with the following –
Surface Closers: See drawings.

Replace 2.03 Specific Products, C. Locking and Latching Devices with the following –
Locking and Latching Devices: See drawings.

Replace 3.02 Hardware Sets, Hardware Set #1 with the following –
Hardware Set #1: See drawings.

5. Specification Section 09 90 00 Painting
Add the following under 1.01 Description of Work, A. –
4. Electrostatic paint finish of existing elevator hoistway frames. Surface preparation of existing frames to receive electrostatic paint finish.

6. Specification Section 14 00 00 Elevators
Replace 2.2, A, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, B, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, C, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, D, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, E, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, F, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, G, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, H, 9 with the following –
Rear Opening; 5@ B, 1-4

Replace 2.2, H, 15 with the following –
Guide Rails; 15# Steel tees

Replace 2.2, I, 15 with the following –
Guide Rails; 15# Steel tees

Revise section 2.3, A, p to state:
“p. Emergency Communication/Two way visual communication – Janus (Rath Microtech)”

Revise spec section 2.4, L to state:
“L. Emergency Power Operation / Duplicate Existing - New Sequential Control – CSB1, HAB1 & HAB2, SUB3-SUB5”

Revise spec section 2.4, L, 7 to state:
“An emergency power control panel shall be provided in the main lobby”

Remove section 2.5, O, 2 in its entirety.

Remove section 2.11, I “Lobby Control Panel” in its entirety.

Revise section 2.13, C to state:

C. Emergency Communication System

1. Provide a two-way communication system consisting of the following components:

a. Two-way Verbal Communication

1) Provide an ICC/ANSI A117.1 compatible, hands-free intercommunication system for all elevators for two-way, multi-path communication between the elevator car stations and master stations using a cellular communication system.

2) The communication system shall include:

a) A car station in each elevator.

3) The car station shall have a loudspeaker and a microphone to provide hands-free communication. The station shall be installed behind the car operating panel.

4) The car station shall include:

a) A push button to actuate the two-way communication means shall be provided in or adjacent to a car operating panel.
b) Operating instructions shall be incorporated with or adjacent to the push button.

5) Provide all power supplies, wire, conduit, fittings, etc.

6) The communication system shall include the following features:
a) Test button and monitoring features to verify audio circuit path.
b) All call buttons to initiate a call to all cars in the systems.
c) Priority button in the remote monitoring panel stations.
d) Visual acknowledgment and engraving for the hearing impaired.

7) Provide a battery backup power supply for the intercom capable of providing sufficient power to operate the complete system for a minimum of four (4) hours.

8) Provide a cellular gateway for the voice communication system.

b. Visual Communication System

1) Controller

a) The Controller shall have input connections for a Display, Camera, Yes / No buttons and power. It shall output connection for the cellular gateway.

b) The Controller, Camera, Display and buttons shall operate in a minimum temperature range of 32˚F to 158˚F (0˚C to 70˚C).

c) The Controller shall be mounted behind the COP, ceiling, or car top.

d) The Controller must be powered from a battery backed up power source through the connection to the machine room capable of providing sufficient power to operate the controller for a minimum of four (4) hours.

2) Message Display

a) Located in the car operating panel.
b) Visual display, for text based messages, that is activated by authorized personnel to acknowledge that communication is established and display responses from a trapped passenger(s) including a passenger(s) who cannot verbally communicate or cannot hear.
c) The Display shall be powered by the Controller.

3) Message Response

a) Located in the car operating panel.
b) Individual pushbuttons labeled “Yes” and “No” for text based communication.

4) One-way Video Camera

a) Provide in car camera capable of observing passengers in any location in the elevator car.

b) Cameras are to be mounted in the COP located between 55" and 60" AFF with a bracket allowing for up to 30 degrees of downward viewing.
c) The Camera shall be powered by the Controller.
d) Remote extenders are required to convert the ethernet cable to the traveling cable.

5) Ethernet Extender

a) Provide one unit per elevator
b) The extender provides power to the Controller
c) Extender Wiring:
- Extends up to 1,640 feet over single pair of wiring between extenders (requires single pair, 18-24ga, shielded or unshielded)
- CAT5E with RJ45 connectors required from network switch and the SmartView Controller to each extender
- Main Unit (Injector) has LAN In (internet connection) and LRP Out (two wire connection)
- Remote Unit (Extender) has LRP In (two wire connection from main unit) and PoE Out (Ethernet connection to SmartView Controller)

c. Cellular Gateway

1) Provide one unit per building for in elevator communication systems
2) Power Requirement: 120vac, 10VA
3) Wiring Requirements:
- Standard FXS port to allow a 2-wire connection from elevator phone, machine room phone, or lobby master
- Include RS232 serial connector and CANBUS connector

d. Central Control Points – Elevator Machine Room

1) Provide one (1) per building

2) Shall be located as follows:

a) A central control point in each machine room to communicate with the master station, and with each car within its group.

3) Central control points shall include:

a) Selector push buttons.
b) Annunciator lights for each connected station.

c) Speaker/microphone.
d) Volume control and function buttons.
e) Associated software for all of the above.

4) Power Supply: 120vac power

5) Wiring Requirement: Run twisted and shielded 4 wire set from each elevator phone to central communication point unit and one standard phone line to the outside world

6) Provide cellular gateway

7) Include integrated back up battery capable of operating system for a minimum of four (4) hours.

e. Central Control Points – Lobby - HAB

1) Provide a flush mounted unit.

2) Shall be located as follows:

a) A central control point in the building lobby to communicate with the central and satellite monitor panels, and with each car within its group.

3) Central control points shall include:

a) Selector push buttons.
b) Annunciator lights for each connected station.
c) Speaker/microphone.
d) Volume control and function buttons.
e) Text based communication interface.
f) Visual display for elevator video.
g) Associated software for all of the above.

4) Power Supply: 120vac power

5) Wiring Requirement: Run twisted and shielded 4 wire set from each elevator phone to central communication point unit and one standard phone line to the outside world

6) Provide cellular gateway

7) Include integrated back up battery capable of operating system for a minimum of four (4) hours.

f. Master Station

1) Master station to be located at the campus central police station.

2) Master station shall include:
   a) Laptop or "All in one" type computer with the following minimum specs:
   b) Processor: Intel Core i3
   c) Display: 12 inches
   d) RAM: 4 GB
   e) Hard Drive: 125GB SSD

3) Browser based communication through cellular gateway to communicate with all elevators.

2. Two Way Communication System Operation

a. The master stations shall communicate with other master stations and any elevator in that group.

b. A call shall be placed from the elevator car station by pressing the emergency call or alarm button.

1) This action shall cause the lamp in the corresponding button of all the designated master stations to flash and an intermittent tone to be heard.
2) When the incoming call is answered, the flashing light shall go to a steady condition.
3) Disconnection of a call is simply done by depressing the designated car button once.
4) If a call request is placed during a conversation, it shall be indicated by a flashing light and short tone of every designated master station.
5) When the original conversation is completed, the normal intermittent tone shall resume.

c. A master station shall be connected to any of its designated car stations by depressing the corresponding call button.

1) The lamp in the button shall be illuminated while the button is depressed.
2) In the car station an audible tone shall be emitted and immediate communication is established.
3) The call shall be ended by depressing the button a second time, disconnecting the circuit.

4) The master stations shall call any other master station by depressing the corresponding call button.
5) The button shall lock in its down position and the lamp shall be lit with a steady light.
6) At the called master station, a short tone shall be sent out and the lamp in the button corresponding to the “calling” party shall be lit.
7) After the tone, immediate communication is established.

d. On all non-called master stations, the lamps corresponding to the calling and called stations shall be illuminated as an indication that those stations are busy.

Revisions to the Drawings:

1. T003
Replace Architectural Item H for each building with the following –
h. Install a new sump pump on the floor of hoistway or existing pit (refer to plumbing drawings).

Replace Elevator Item a. for Coykendall Science Building with the following –
a. Remove all components of existing elevator including rails and provide new per specifications.

2. T004
Replace drawing 2 with attachment 27.

Add the following general note –
Contractor shall restore all laydown areas at all buildings to their original condition, including reseeding and planting new grass.

3. T005
Delete photo of mechanical room in top right corner labeled "LC Photo 1. Mechanical Room."

4. T006
Replace drawing 1 with attachment 28.

5. P001
Add notes on attachment 29.

6. M002
Add notes on attachment 30.

7. M003
Add schedule on attachment 31.

8. CSB-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

9. CSB-A102
Add note on attachment 1.

10. CSB-A301
Add note on attachment 2.

11. CSB-A501
Delete dashed lines representing sump pit and delete note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” from drawing 9.

12. CSB-E101
Revise drawing 1 as shown on drawing 1 on attachment 11.

Revise drawing 2 as shown on drawing 2 on attachment 11.

13. CSB-E601
Revise panel schedule for panel PP-A as shown on attachment 12.

14. SAB-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

15. SAB-A102
Add note on attachment 3.

16. SAB-A501
Delete dashed lines representing sump pit and delete note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” from drawing 8.

17. SAB-E101
Revise drawing 1 as shown on drawing 1 on attachment 13.

Revise drawing 2 as shown on drawing 2 on attachment 13.

18. SAB-E601
Revise panel schedule for panel PP-A as shown on attachment 14.

19. HAB-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

20. HAB-A102
Add and replace notes on attachment 4.

21. HAB-A501
Add notes on attachment 5.

Add drawings 1 and 2 on attachment 46.

Delete dashed lines representing sump pit and delete note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” from drawing 15.

22. HAB-E101
Revise drawing 1 as shown on drawing 1 on attachment 15.

Revise drawing 2 as shown on drawing 2 on attachment 15.

23. HAB-E601
Revise panel schedule for panel PP-A2 as shown on attachment 16.

24. LC-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

25. LC-A101
Add notes on attachment 6.

26. LC-A301
Add notes on attachment 7.

27. LC-A501
Delete dashed lines representing sump pit and delete note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” from drawing 7.

28. LC-E101
Revise drawing 1 as shown on drawing 1 on attachment 17.

Revise drawing 2 as shown on drawing 2 on attachment 17.

29. LC-E601
Revise panel schedule for panel PP-A as shown on attachment 18.

30. STL-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

31. STL-A102
Add note on attachment 8.

32. STL-A501
Replace note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” on drawing 5 with the following – Existing sump pit.

33. STL-A502
Replace note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” on drawing 6 with the following – Existing sump pit.

Delete dashed lines representing sump pit and delete note “sump pit 2’-0” x 2’-0” x 2’-0” with grating” from drawing 3.

34. STL-FP101
Revise drawing 4 as shown on attachment 40.
Revise drawing 6 as shown on attachment 41.

35. STL-M101
Revise drawing 4 as shown on attachment 35.
Revise drawing 6 as shown on attachment 36.
Revise drawing 5 as shown on attachment 37.

36. STL-M102
Revise drawing 1 as shown on attachment 38.
Add drawing on attachment 39.

37. STL-E101
Revise drawing 1 as shown on drawing 1 on attachment 19

Revise drawing 7 as shown on drawing 7 on attachment 19

Revise drawing 4 as shown on attachment 20

Revise drawing 2 as shown on drawing 2 on attachment 21

Revise drawing 5 as shown on drawing 5 on attachment 21

Add drawing 1 on attachment 22

38. STL-E601
Revise panel schedule for panel PP-A2 as shown on attachment 23.

39. STL-E602
Revise panel schedule for panel PP-A3 as shown on attachment 24.

40. STL-E101
Revise drawing 7 as shown on attachment 11.

Revise drawing 5 as shown on attachment 12.

41. STL-E601
Revise panel schedule for panel PP-A2 as shown on attachment 13.

42. STL-E601
Revise panel schedule for panel PP-A3 as shown on attachment 14.

43. SUB-AA101
Replace asbestos abatement keynote 1 with the following –
Remove and dispose of elevator cab doors as asbestos containing material. Remove and dispose of elevator hoistway doors as asbestos containing material.

44. SUB-A101
Replace door tag 101F with SUB-101 on drawing 9.

45. SUB-A102
Add and replace notes on attachment 9.

46. SUB-A501
Add drawing 3 on attachment 46.

47. SUB-M101
Revise drawing 2 as shown on attachment 42.

48. SUB-E101
Revise drawing 1 as shown on drawing 1 on attachment 25

Revise drawing 2 as shown on drawing 2 on attachment 25

49. SUB-E601
Revise panel schedule for panel PP-A as shown on attachment 26.

50. A-911
Revise door schedule, door general notes, typical frame type, and hardware schedule as shown on attachment 10.

51. M401
Update legend with symbol shown on Attachment 32.

52. M402
Revise drawing 1 as shown on attachment 33.
Add note on attachment 34.

53. M502
Revise drawing 13 as shown on attachment 43.

54. M503
Add drawing on attachment 44.
Add drawing on attachment 45.

ACM or PACM Locations – FOR INFORMATION ONLY:

Results of visual inspection by Adelaide of scope areas beyond those specifically identified in Bid Documents for ACM or PACM (potential asbestos containing materials).

Haggerty
ACM floor tile and mastic in the closets for the risers for floors basement through 9th.
PACM electrical wire in the penthouse and in the riser locations from basement through 9th.
PACM spray on fireproofing in riser locations 1st through 9th
PACM electrical panel in penthouse

Student Union Building
PACM sealants on exterior of penthouse
PACM ceiling tiles on 4th floor and basement
ACM 9x9 floor tile and mastic on third floor closet
PACM spray on fireproofing on first, second and third floors.
PACM electrical wire in penthouse and basement through fourth floors.
PACM mudded fittings on fiberglass on lower level
PACM ceramic tile on lower level

Smiley Arts
PACM asbestos pipe insulation on third floor
PACM mudded fittings on second floor and third floor
PACM ceramic wall tile on second floor and basement level
PACM sealant on exterior of third floor
PACM electrical wire from basement to third floor

Coykendall Science
PACM electrical wire from basement to the penthouse
PACM ceramic wall tile on basement level
PACM sealant on exterior of penthouse
PACM vibration cloth in penthouse
PACM seam sealant in penthouse

Lecture Center
PACM spray on fireproofing on ground floor and fourth floor
PACM 2x2 ceiling tile on ground floor
PACM 12x12 spline ceiling and glue dabs tile on fourth floor and projection level
PACM acoustical tiles and glue dabs on columns on fourth floor and projection level
PACM electrical wire from ground floor to penthouse

Sojourner Truth Building
PACM 2x4 ceiling tiles on concourse level and ground level
PACM brick and mortar on ground level and concourse level
PACM ceramic wall tile on ground level and concourse level
PACM 2x2 ceiling tiles on penthouse level, main floor and ground level
PACM sealants on exterior of penthouse
PACM electrical wire from penthouse to ground floor

REFER TO ELEVATOR DRAWINGS & SPECS FOR INFORMATION ON DEVICE UPGRADE/ REPLACEMENT,PATCH/REPAIR ADJACENT WALL SURFACES AS PART OF NEW DEVICE INSTALLATION (TYP)

REMOVE AND TURN OVER TO CAMPUS ANY SIGNAGE. RE-ATTACH AS DIRECTED BY CAMPUS (TYP)

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING, TYP FOR BUILDING

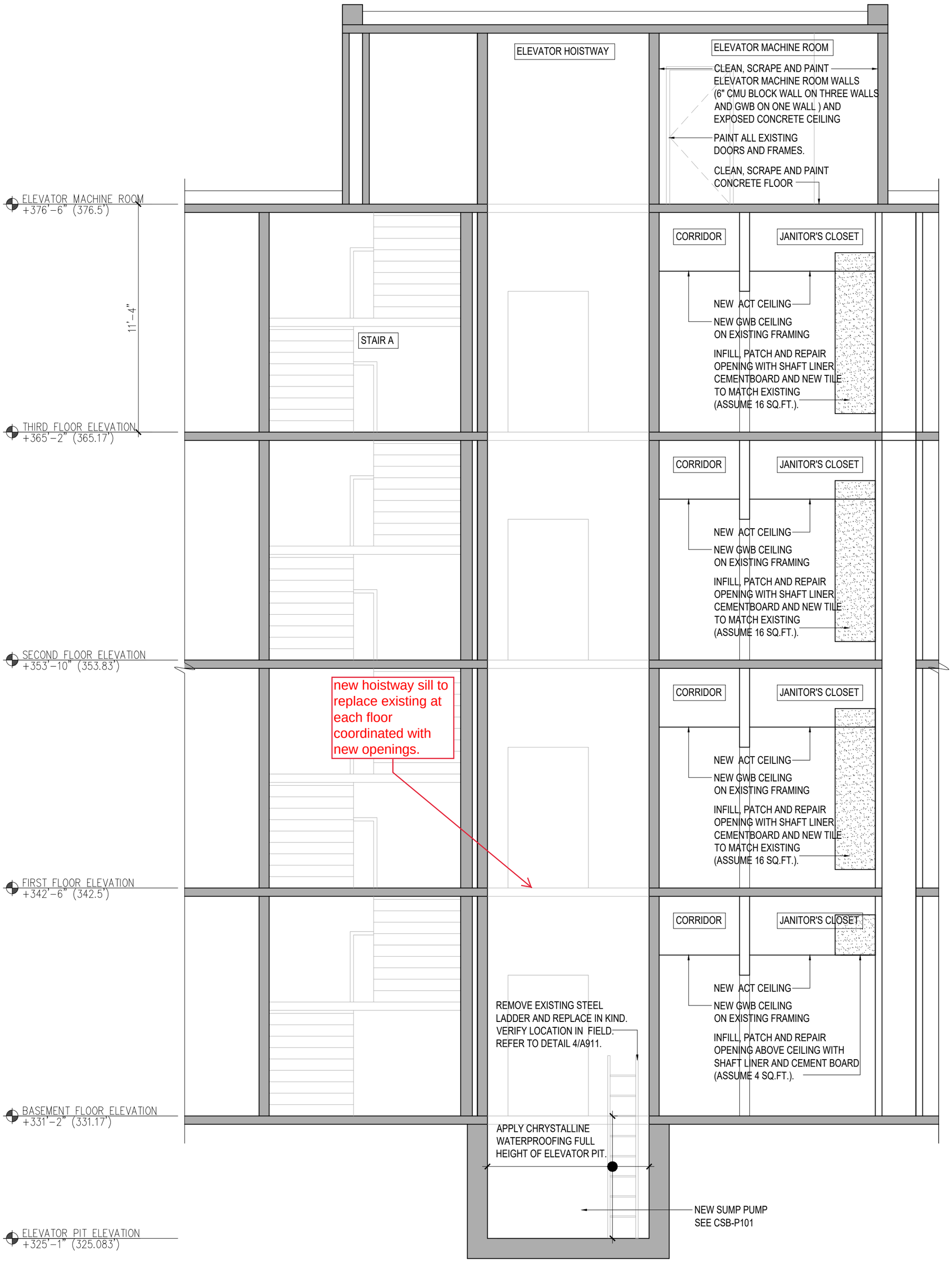
P7
CSB-A102

1FL ELEVATOR LOBBY

SCALE: NOT TO SCALE

ATTACHMENT 1

ADDENDUM 5 - 12/02/2022



1 CSB-A301 TYPICAL ELEVATOR SECTION

SCALE: 1/4" = 1'-0"

ATTACHMENT 2
ADDENDUM 5 - 12/02/2022

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING, TYP FOR BUILDING

REFER TO ELEVATOR DRAWINGS & SPECS FOR INFORMATION ON DEVICE UPGRADE/ REPLACEMENT, PATCH/REPAIR ADJACENT WALL SURFACES AS PART OF NEW DEVICE INSTALLATION (TYP)

REMOVE AND TURN OVER TO CAMPUS ANY SIGNAGE. RE-ATTACH AS DIRECTED BY CAMPUS (TYP)

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

P9
SAB-A102

1FL ELEVATOR LOBBY

SCALE: NOT TO SCALE

ATTACHMENT 3
ADDENDUM 5 - 12/02/2022

EXISTING INDICATOR PANELS NOT USED. METAL PANEL TO BE MODIFIED TO RECEIVE NEW FLUSH MOUNTED INDICATORS

REFER TO ELEVATOR DRAWINGS & SPECS FOR INFORMATION ON DEVICE UPGRADE/ REPLACEMENT, PATCH/REPAIR ADJACENT WALL SURFACES AS PART OF NEW DEVICE INSTALLATION, TYP FOR BUILDING

~~NEW TELECOM/ EMERGENCY PANEL LOCATION~~

REMOVE AND TURN OVER TO CAMPUS ANY SIGNAGE. RE-ATTACH AS DIRECTED BY CAMPUS (TYP)

NEW EMERGENCY POWER PANEL AND COMMUNICATION PANEL

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

P5 HAB-A102 1ST FLR ELEVATOR LOBBY

SCALE: NOT TO SCALE

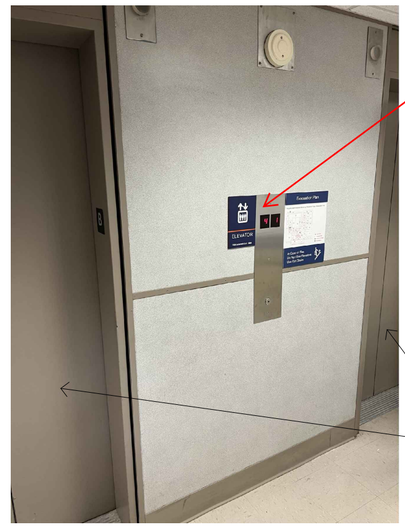
EXISTING METAL PANEL HEAD TO BE MODIFIED FOR NEW FLUSH MOUNTED INDICATORS

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

P6 HAB-A102 BASEMENT ELEVATOR LOBBY

SCALE: NOT TO SCALE



SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING

P7 HAB-A102 BASEMENT ELEVATOR LOBBY

SCALE: NOT TO SCALE

EXISTING METAL PANEL HEAD TO BE MODIFIED FOR NEW FLUSH MOUNTED INDICATORS

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

P8 HAB-A102 4TH FLR ELEVATOR LOBBY

SCALE: NOT TO SCALE

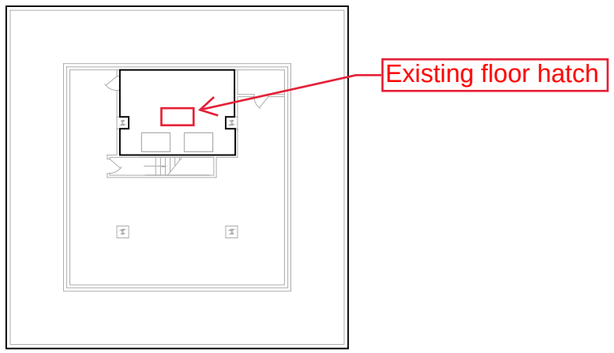
FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING

P9 HAB-A102 9TH FLR ELEVATOR LOBBY

SCALE: NOT TO SCALE

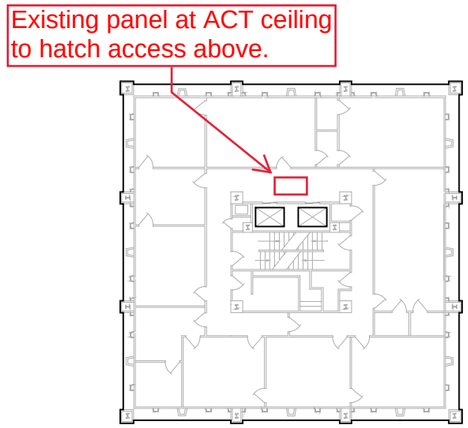
ATTACHMENT 4

ADDENDUM 5 - 12/02/2022



11 HAB-A501 ELEVATOR MACHINE ROOM LOCATION PLAN

SCALE: 1/32" = 1'-0" FLOOR ELEVATION: 443'-8"

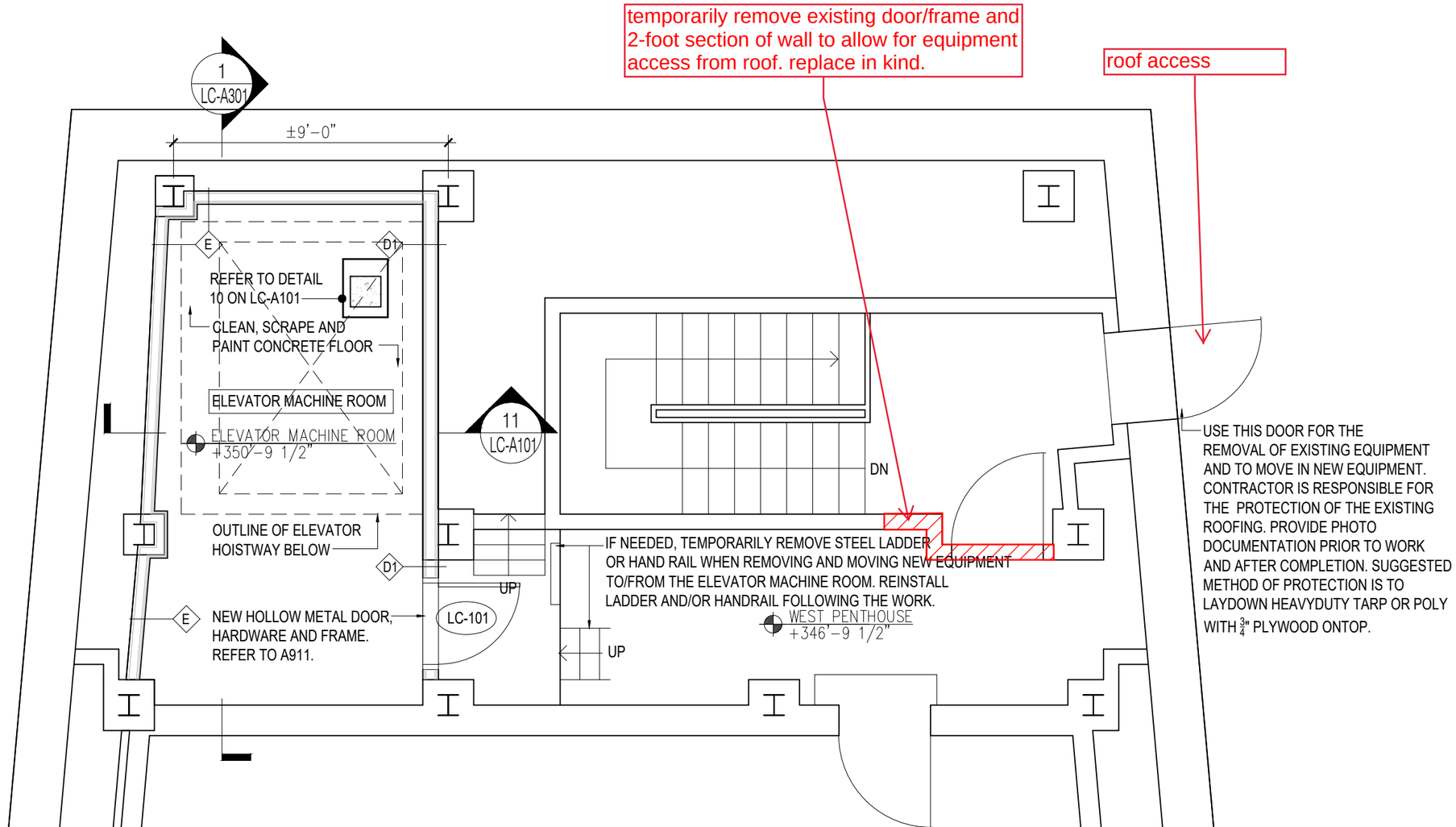


10 HAB-A501 TENTH FLOOR ELEVATOR LOCATION PLAN

SCALE: 1/32" = 1'-0" FLOOR ELEVATION: 428'-8"

ATTACHMENT 5

ADDENDUM 5 - 12/02/2022



8 LC-A101 PLAN AT ELEVATOR MACHINE ROOM

SCALE: 1/4" = 1'-0"

ATTACHMENT 6

ADDENDUM 5 - 12/02/2022

Surface mounted indicators to be replaced with flush mounted per specs, typ.

REMOVE ACT CEILING TILE AS NEEDED TO COMPLETE THE WORK AND STORE TO BE REINSTALLED. REINSTALL ACT CEILING TILES AFTER NEW CONDUIT AND PIPING INSTALLATION.

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

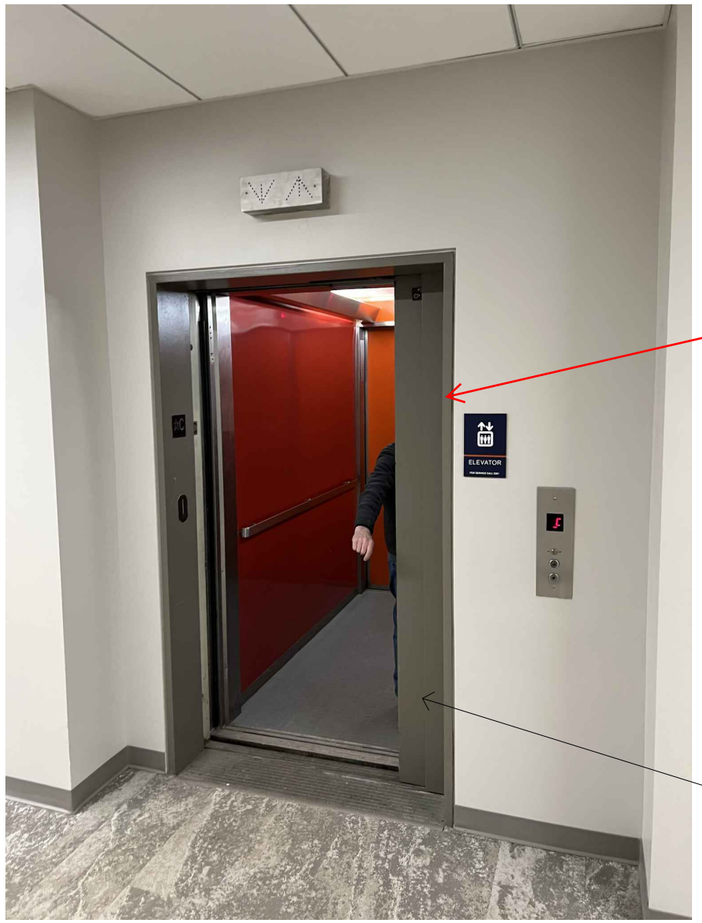
REMOVE AND TURN OVER TO CAMPUS ANY SIGNAGE. RE-ATTACH AS DIRECTED BY CAMPUS (TYP)

REFER TO ELEVATOR DRAWINGS & SPECS FOR INFORMATION ON DEVICE UPGRADE/ REPLACEMENT,PATCH/REPAIR ADJACENT WALL SURFACES AS PART OF NEW DEVICE INSTALLATION (TYP)

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING, TYP FOR BUILDING

P1 / LC-A301 GROUND FL ELEVATOR LOBBY

NTS



SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING, TYP FOR BUILDING

P2 / LC-A301 CONCOURSE LEVEL ELEVATOR LOBBY

NTS

ATTACHMENT 7

ADDENDUM 5 - 12/02/2022

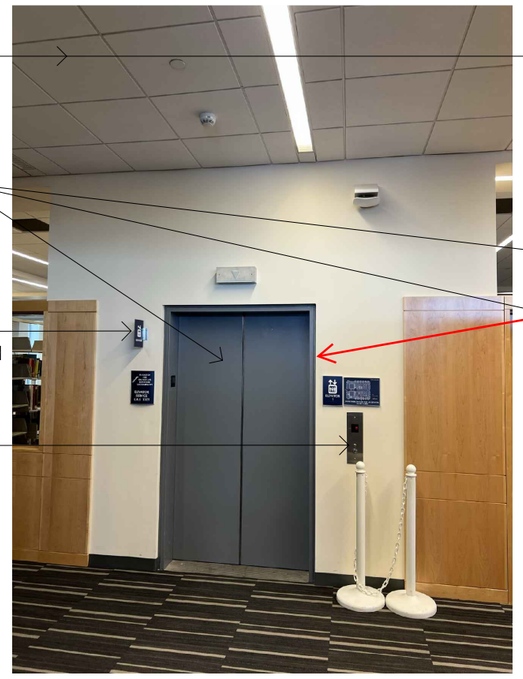
REINSTALL ACT SUSPENDED CEILING IN CORRIDOR AT THE COMPLETION OF WORK.

FINISH OF NEW HOISTWAY DOORS TO MATCH EXISTING, TYP FOR BUILDING

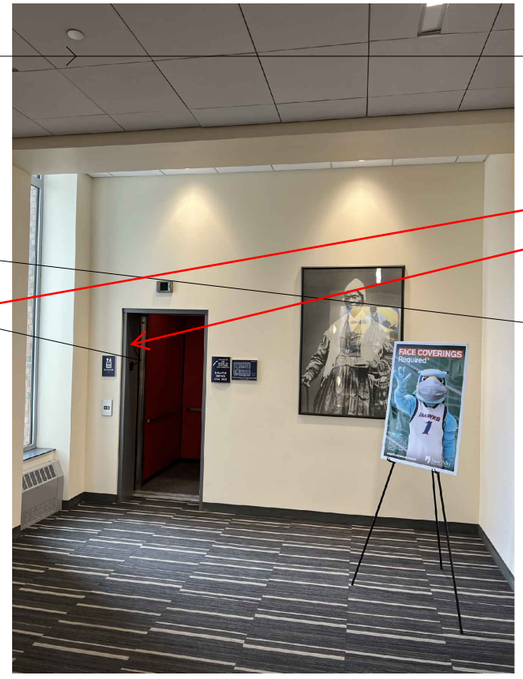
REMOVE AND TURN OVER TO CAMPUS ANY SIGNAGE. RE-ATTACH AS DIRECTED BY CAMPUS (TYP)

REFER TO ELEVATOR DRAWINGS & SPECS FOR INFORMATION ON DEVICE UPGRADE/ REPLACEMENT, PATCH/REPAIR ADJACENT WALL SURFACES AS PART OF NEW DEVICE INSTALLATION (TYP)

SCRAPE AND CLEAN EXISTING ELEVATOR HOISTWAY DOOR FRAMES AND PROVIDE NEW ELECTROSTATIC PAINT FINISH TO MATCH EXISTING COLOR, TYP FOR BUILDING



P9 / STL-A102 — ELEVATOR 1 LOBBY
SCALE: NOT TO SCALE AT GROUND FL



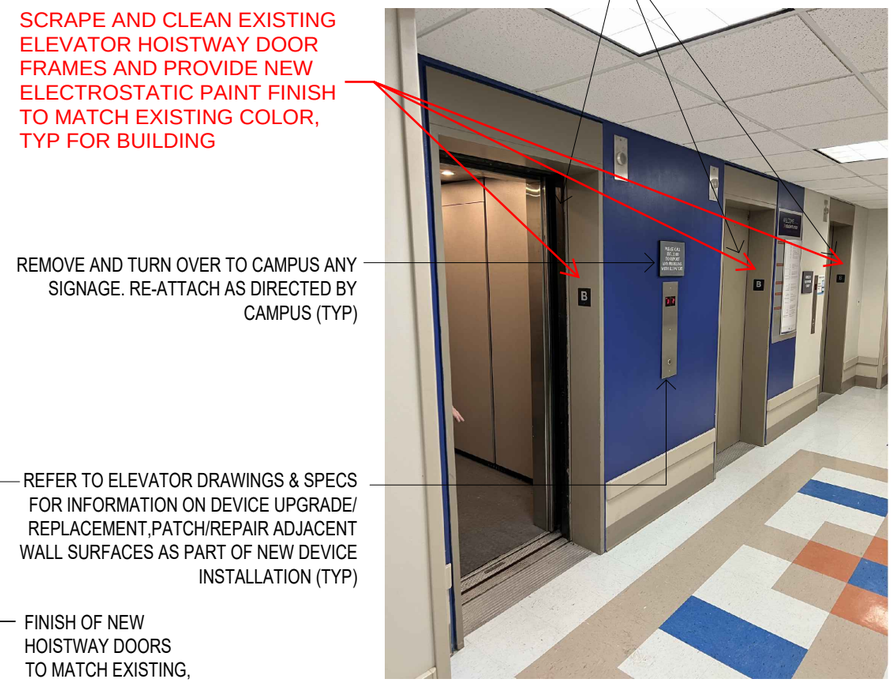
P9 / STL-A102 — ELEVATOR 2 LOBBY
SCALE: NOT TO SCALE AT CONCORSE

P10 / STL-A102 — ELEVATOR 3 LOBBY
SCALE: NOT TO SCALE AT GROUND FL

ATTACHMENT 8
ADDENDUM 5 - 12/02/2022

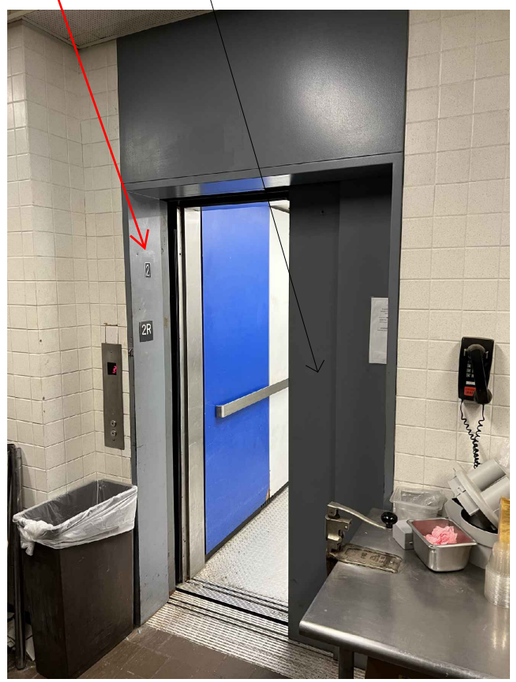
P10 SUB-A102 1ST FL ELEVARTOR LOBBY

SCALE: NOT TO SCALE



P11 SUB-A102 BASEMENT ELEVARTOR LOBBY

SCALE: NOT TO SCALE



P11 SUB-A102 2ND FL REAR ELEVARTOR LOBBY

SCALE: NOT TO SCALE

ATTACHMENT 9

ADDENDUM 5 - 12/02/2022

DOOR SCHEDULE:

DOOR NO.	ROOM NAME	DOOR											FRAME					FIRE RATING	HDW SET	REMARKS
						NOMINAL SIZE				LOUVER/PERF PANEL						DETAIL				
		INT./ EXT.	TYPE (A911)	MAT.	NO.	WIDTH	HEIGHT	THK.		WIDTH	HEIGHT	GLASS	SPECIAL DETAIL	TYPE (A911)	MAT.	JAMB (A911)	HEAD (A911)	SADDLE (A910)			
SAB-101	ELEVATOR MACHINE ROOM	INT	FRK	HM	1	3'-0"	7'-0"	1-3/4"		--	--	--	--	KD	HM	J1	H1	--	.75	1	
HAB-101	ELEVATOR MACHINE ROOM	INT	FRK	HM	1	3'-0"	6'-10"	1-3/4"		--	--	--	--	KD	HM	J1	H1	--	.75	1	
HAB-102	ELEVATOR PIT	INT	FRK	HM	1	3'-0"	6'-2"	1-3/4"		--	--	--	--	KD	HM	J1	H1	--	1.5	1	
LC-101	ELEVATOR MACHINE ROOM	INT	FRK	HM	1	2'-8"	6'-10"	1-3/4"		--	--	--	--	SF	HM	J2	H2	--	1.5	1	
STL-101	ELEVATOR MACHINE ROOM	INT	FRK	HM	1	2'-9 3/4"	6'-10"	1-3/4"		--	--	--	--	KD	HM	J1	H1	--	.75	1	
SUB-101	ELEVATOR MACHINE ROOM	INT	ETR	--	1	--	--	--		--	--	--	--	SF	--	--	--	--	--	--	
CSB-101	ELEVATOR MACHINE ROOM	INT	ETR	--	1	--	--	--		--	--	--	--	ETR	--	--	--	--	--	--	
CSB-102	ELEVATOR MACHINE ROOM	INT	ETR	--	1	--	--	--		--	--	--	--	ETR	--	--	--	--	--	--	

MACHINE ROOM DOOR HARDWARE SET #1

1. BUTTS:
   1-1/2 PAIR 4-1/2"X4-1/2"
   STANLEY FBB179

2. LOCKSET:
   SARGENT 8204 LW1B

3. SURFACE MOUNTED DOOR CLOSER
   QUANTITY: 1
   SARGENT 281 SERIES POWERGLIDE
   CAST IRON DOOR CLOSER

4. OVERHEAD STOP WITHOUT HOLDER
   QUANTITY: 1
   GLYNN JOHNSON 81S

5. SMOKE SEAL:
   PEMKO S44D

Campus Standards:

1. Door closers: Sargent preferred, Hagar 5100 Series Heavy Duty acceptable
2. ~~Door stops: wall mount concave style for 90 degree swing doors adjacent to walls. Provide additional wall framing/blocking where wall stops are used.~~
3. All metal hardware shall have brushed finish.
4. ~~All HM door frames shall be welded. Knock down HM frames are not acceptable in new construction.~~
5. Interior HM door frames shall be min. 16 gauge
6. Hinges: Stanley FBB 168 or Eq. Secure doors which swing out into unsecured space shall receive "NRP" mark. (interior doors)
7. Locksets – all locksets & other devices shall be able
8. LEVER STYLE: CURVED WITH NO RETURN & 3" ROSE WITH NO RING with no ring)
9. Lock cores: BEST 7pin cores are proprietary specification exemption – no equals, keyway as per campus requirements, removable (finish to match door hardware)
10. Kickplates/Pushplates – stainless steel, screw-mounted

DOOR GENERAL NOTES

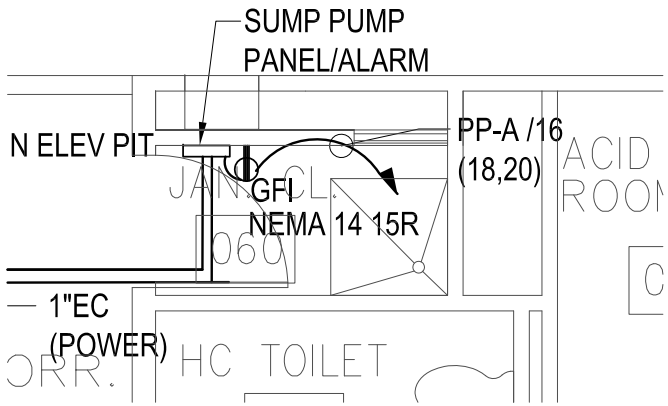
1. CONTRACTOR TO COORDINATE REQUIRED DOOR UNDERCUT TO ACCOMMODATE THRESHOLD. REFER TO THRESHOLD DETAILS.
2. DOORS, HARDWARE, AND FRAMES ARE TO BE DEMOLISHED AND REMOVED AS DIRECTED ON ~~REMOVAL~~ PLANS.
3. PER ANSI 117.1, AT PULL SIDE OF DOOR PROVIDE MINIMUM 18" CLEARANCE AT LATCH SIDE OF DOOR, TYPICAL.
4. FIRE RATED DOORS AND FRAMES SHALL BE PROVIDED WITH PERMANENTLY AFFIXED MEA/BSA LABELS. FIRE RATING SHALL BE 3HR, 1-1/2, AND 3/4 HR, TYPICAL.
5. SCRAPE, CLEAN AND REMOVE ALL SURFACE RUST ON EXISTING TO REMAIN DOORS. REPAIR ANY HOLES AND IMPERFECTIONS AND REPAINT. (COLOR TO BE SELECTED BY THE ARCHITECT)
6. CONTRACTOR SHALL VERIFY THROAT DIMENSION OF NEW DOOR FRAMES BEING INSTALLED IN EXISTING WALLS.
7. CONTRACTOR SHALL VERIFY DOOR WIDTH AND HEIGHT WHERE DOORS ARE BEING INSTALLED IN EXISTING WALLS OR EXISTING FRAMES

TYPICAL FRAME TYPES

SF = SINGLE FRAME
ETR = EXISTING TO REMAIN
KD = KNOCK DOWN FRAME

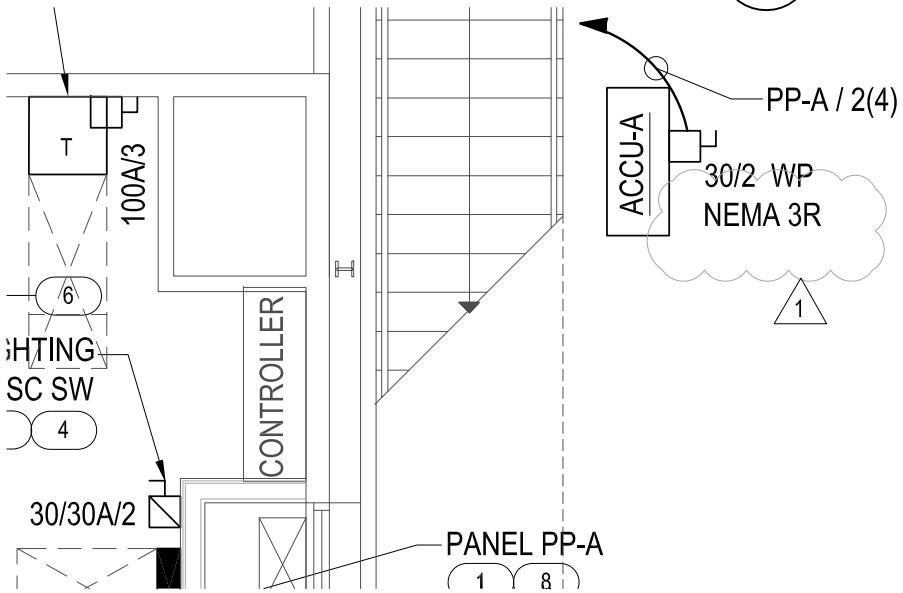
EXAMPLE: DFRMSL = DOUBLE FRAME/REMOVABLE MULLION/SIDE LITE

ATTACHMENT 10
ADDENDUM 5 - 12/02/2022



1 CSB BASEMENT POWER PART PLAN

SCALE: 1/4"=1'-0"



2 CSB PENTHOUSE POWER PART PLAN

SCALE: 1/4"=1'-0"

COYKENDAL SCIENCE BUILDING
CSB-SKE101.00_1

ATTACHMENT 11
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A	MAIN RATING:		OPTIONS:	
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X]	MCB: 150A/3P	[X] BONDED GROUND BUS	[ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	225A	[ ]	MLO:	[ ] ISOLATED GROUND BUS	
AIC RATING:	10k			[ ] 200% NEUTRAL BUS	[ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM			[ ] FEED THROUGH LUGS	[ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1			[ ] SUB FEED LUGS	[ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE				
LOCATION:	ELEVATOR MACHINE ROOM CSB				

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC-A	2	100	15	1	2	2	100	30	ACCU-A	2 # 10+ 1 # 10G - 3/4"C
					3	4					
-	SPARE	1	100	20	5	6	1	100	20	SPARE	-
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7	8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9	10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
	SPARE	2	100	30	11	12	1	100	20	SPARE	-
					13	14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15	16	3	100	15	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	17	18					
	SPARE	1	100	20	19	20					
	SPARE	1	100	20	21	22	1	100	20	SPARE	-
	SPARE	1	100	20	23	24	1	100	20	SPARE	
	SPARE	1	100	20	25	26	1	100	20	SPARE	
	SPARE	1	100	20	27	28	1	100	20	SPARE	
	SPARE	1	100	20	29	30	1	100	20	SPARE	
	SPARE	1	100	20	31	32	1	100	20	SPARE	
	SPARE	1	100	20	33	34	1	100	20	SPARE	
	SPARE	1	100	20	35	36	1	100	20	SPARE	
REFER ONLINE DIAGRAM	ELEV # 1 (15HP)	3	100	70	37	38	3	100	20	SPARE	
					39	40					
					41	42					

N — PHASE A B C — G

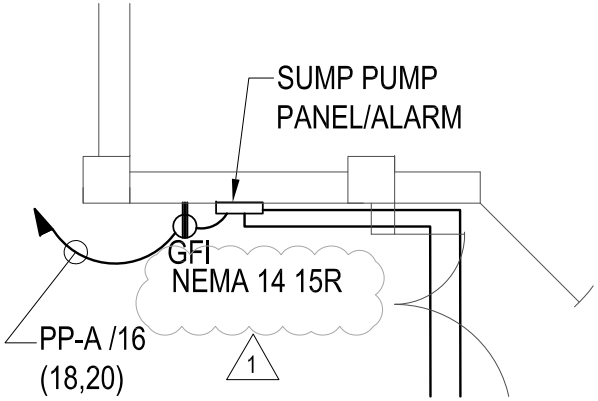
* ELEVATOR CB WITH SHUNT TRIP
** GFIC CIRCUIT BREAKER

1 COYKENDAL SCIENCE BUILDING PANEL SCHEDULE - PP-A

SCALE: NTS

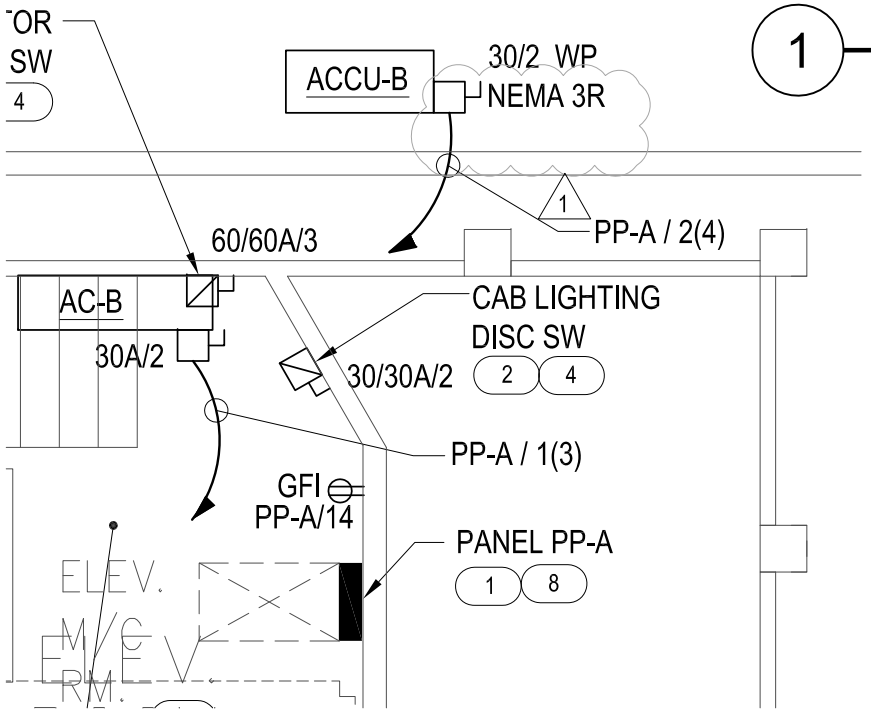
COYKENDAL SCIENCE BUILDING
CSB-SKE601.00_1

ATTACHMENT 12
ADDENDUM 5 - 12/02/2022



1 SAB BASEMENT POWER PART PLAN

SCALE: 1/4"=1'-0"



2 SAB THIRD FL POWER PART PLAN

SCALE: 1/4"=1'-0"

SMILEY ART BUILDING
SAB-SKE101.00_1

ATTACHMENT 13
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A	MAIN RATING:	OPTIONS:	
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 100A/3P	[X] BONDED GROUND BUS	[ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS	
AIC RATING:	10k		[ ] 200% NEUTRAL BUS	[ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS	[ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS	[ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE			
LOCATION:	ELEVATOR MACHINE ROOM SAB			

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	N	PHASE A	PHASE B	PHASE C	G	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC-B	2	100	15	1						2	2	100	30	ACCU-B	2 # 10+ 1 # 10G - 3/4"C
					3						4					
-	SPARE	1	100	20	5						6	1	100	20	SPARE	-
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7						8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9						10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
	SPARE	2	100	30	11						12	1	100	20	SPARE	-
					13						14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15						16	3	100	15 (1)	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	17						18					
	SPARE	1	100	20	19						20					
	SPARE	1	100	20	21						22	1	100	20	SPARE	-
	SPARE	1	100	20	23						24	1	100	20	SPARE	
	SPARE	1	100	20	25						26	1	100	20	SPARE	
	SPARE	1	100	20	27						28	1	100	20	SPARE	
	SPARE	1	100	20	29						30	1	100	20	SPARE	
	SPARE	1	100	20	31						32	1	100	20	SPARE	
	SPARE	1	100	20	33						34	1	100	20	SPARE	
	SPARE	1	100	20	35						36	1	100	20	SPARE	
REFER ONLINE DIAGRAM	ELEV # 1 (15HP)	3	100	70	37						38	1	100	20	SPARE	
					39						40	1	100	20	SPARE	
					41						42	1	100	20	SPARE	

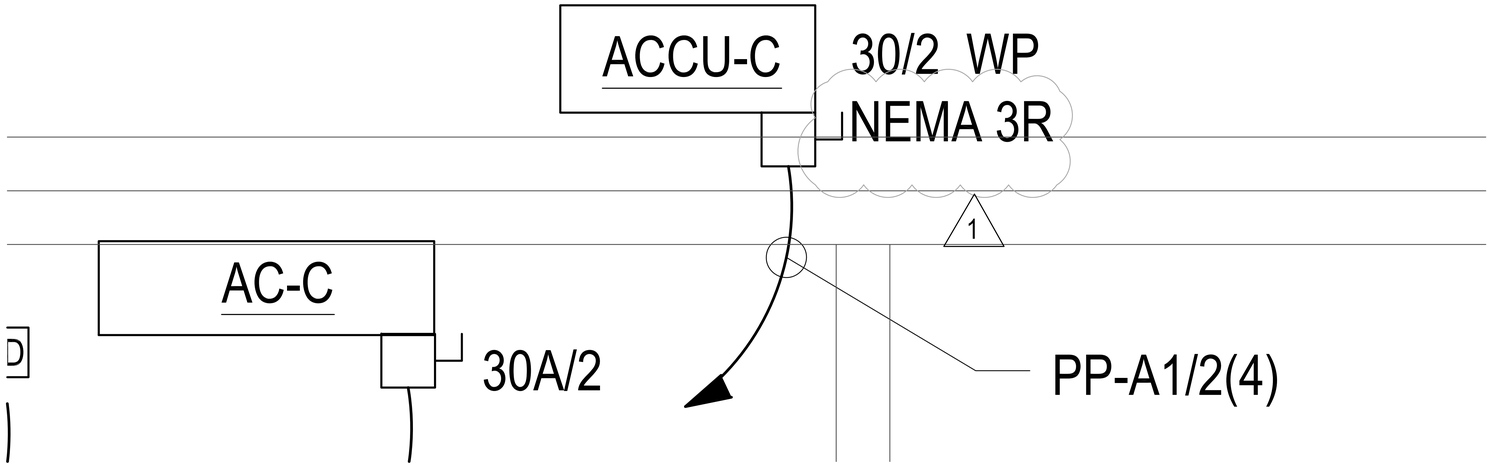
* ELEVATOR CB WITH SHUNT TRIP
** GFIC CIRCUIT BREAKER

1 SMILEY ART BUILDING PANEL SCHEDULE - PPA

SCALE: NTS

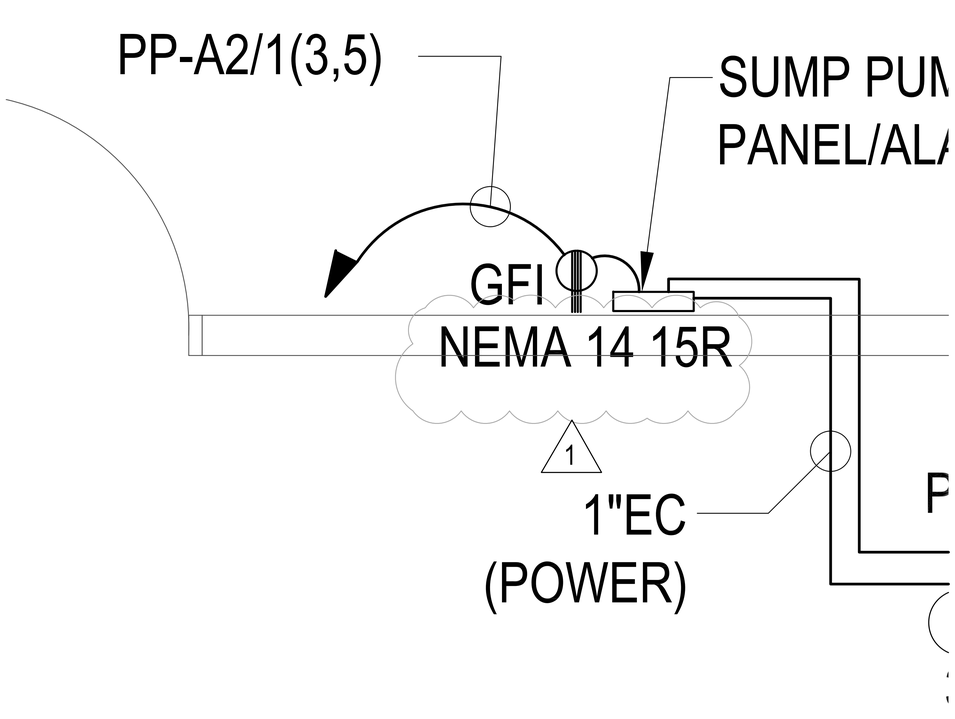
SMILEY ART BUILDING
SAB-SKE601.00_1

ATTACHMENT 14
ADDENDUM 5 - 12/02/2022



2 HAB PENTHOUSE POWER PART PLAN

SCALE: 3/8"=1'-0"



1 HAB BASEMENT POWER PART PLAN

SCALE: 3/8"=1'-0"

HAGGERTY ADMINISTRATION BUILDING
SAB-SKE101.00_1

ATTACHMENT 15
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A2	MAIN RATING:	OPTIONS:
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 40A/3P	[X] BONDED GROUND BUS
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS
AIC RATING:	10k		[ ] 200% NEUTRAL BUS
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS
MOUNTING:	SURFACE		[ ] DOOR-IN-DOOR TRIM
LOCATION:	BASEMENT ELECTRICAL ROOM		[ ] INTEGRAL TVSS DEVICE
	HAB		[ ] INTEGRAL RC SWITCH
			[ ] INTEGRAL METERING DEVICE

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	N / PHASE A B C / G	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
3 # 12+ 1 # 12G - 3/4"C	SUMP PUMP SP-C (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3	1 100	15	1 3 5	**	2 4 6	1	100	20	SPARE	-
-	SPARE	1	100	20	7		8	1	100	20	SPARE	-
-	SPARE	1	100	20	9		10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	11		12	1	100	20	SPARE	-
-	SPARE	1	100	20	13		14	1	100	20	ELEV EMER PANEL RECEPTACLE	2 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	15		16	1	100	20	SPARE	-
-	SPARE	1	100	20	17		18	1	100	20	SPARE	
	SPARE	1	100	20	19		20	1	100	20	SPARE	
-	SPARE	1	100	20	21		22	1	100	20	SPARE	
-	SPARE	1	100	20	23		24	1	100	20	SPARE	
					25		26					
					27		28					
					29		30					
					31		32					
					33		34					
					35		36					
					37		38					
					39		40					
					41		42					

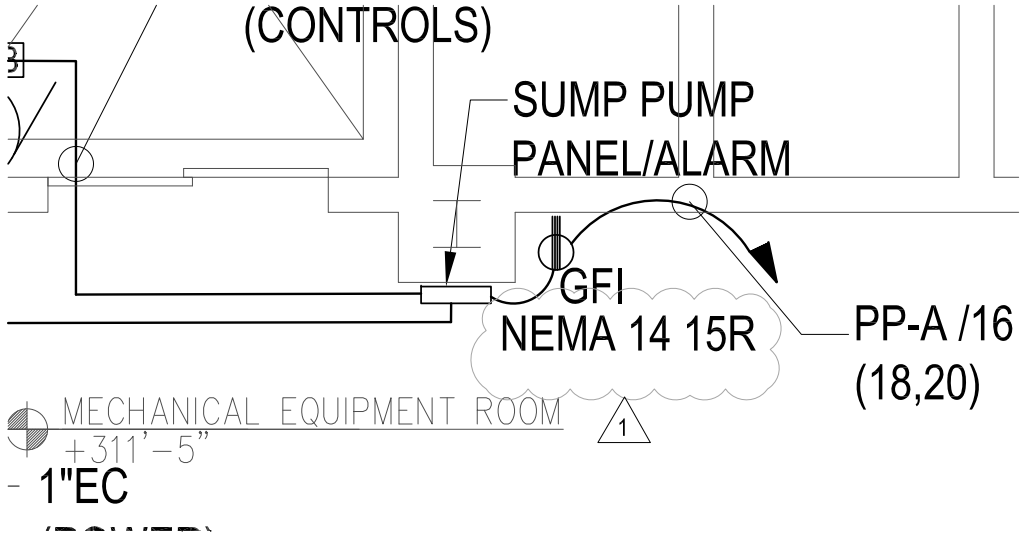
** GFIC CIRCUIT BREAKER

1 HAGGERTY ADMINISTRATION BUILDING PANEL SCHEDULE - PP-A2

SCALE: NTS

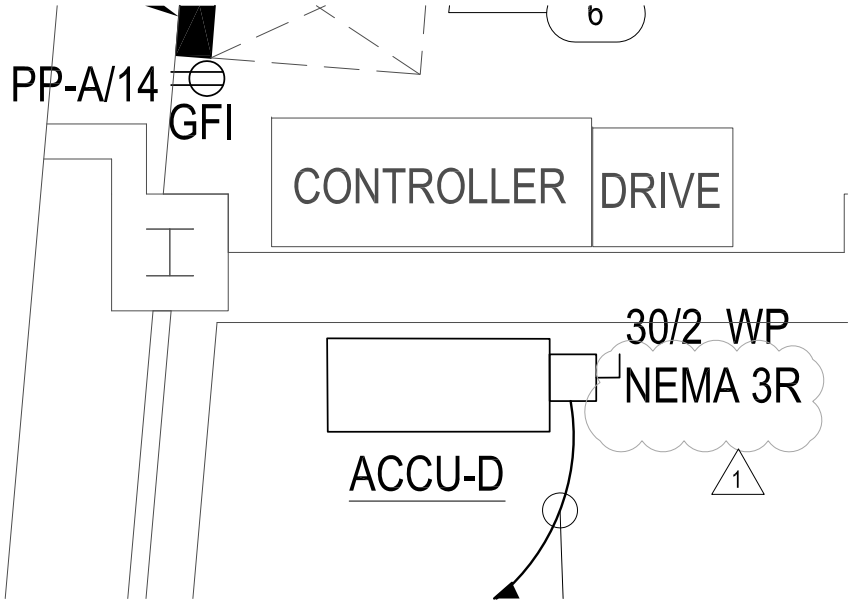
HAGGERTY ADMINISTRATION BUILDING
HAB-SKE601.00_1

ATTACHMENT 16
ADDENDUM 5 - 12/02/2022



1 LC BASEMENT POWER PART PLAN

SCALE: 3/8"=1'-0"



2 LC PENTHOUSE POWER PART PLAN

SCALE: 3/8"=1'-0"

LECTURE CENTER
LC-SKE101.00_1

ATTACHMENT 17
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A	MAIN RATING:		OPTIONS:
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 100A/3P	[X] BONDED GROUND BUS	[ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS	
AIC RATING:	10k		[ ] 200% NEUTRAL BUS	[ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS	[ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS	[ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE			
LOCATION:	ELEVATOR MACHINE ROOM	LC		

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC UNIT	2	100	15	1	2	2	100	30	ACCU -D	2 # 10+ 1 # 10G - 3/4"C
					3	4					
-	SPARE	1	100	20	5	6	1	100	20	SPARE	-
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7	8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9	10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
	SPARE	2	100	30	11	12	1	100	20	SPARE	-
					13	14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15	16	3	100	15 (1)	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	17	18					
	SPARE	1	100	20	19	20					
	SPARE	1	100	20	21	22	1	100	20	SPARE	-
	SPARE	1	100	20	23	24	1	100	20	SPARE	
	SPARE	1	100	20	25	26	1	100	20	SPARE	
	SPARE	1	100	20	27	28	1	100	20	SPARE	
	SPARE	1	100	20	29	30	1	100	20	SPARE	
	SPARE	1	100	20	31	32	1	100	20	SPARE	
	SPARE	1	100	20	33	34	1	100	20	SPARE	
	SPARE	1	100	20	35	36	1	100	20	SPARE	
	SPARE	1	100	20	37	38	1	100	20	SPARE	
	SPARE	1	100	20	39	40	1	100	20	SPARE	
	SPARE	1	100	20	41	42	1	100	20	SPARE	

N — PHASE A B C — G

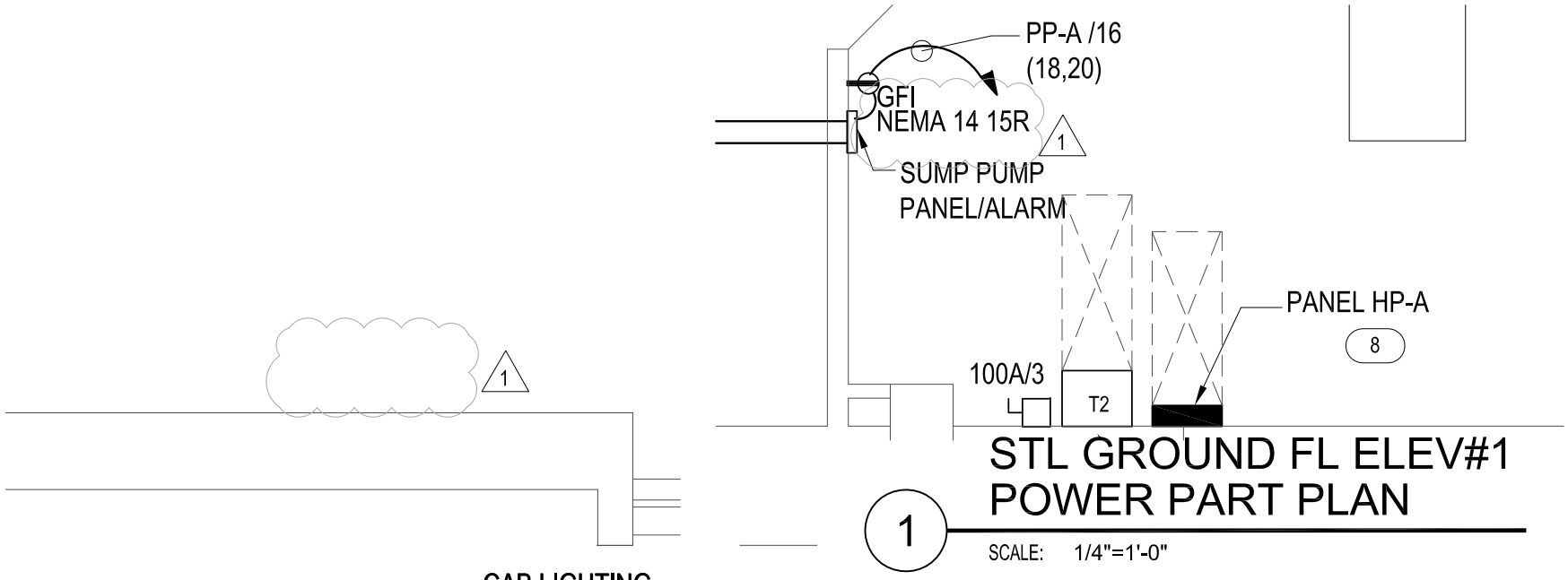
** GFIC CIRCUIT BREAKER

1 LECTURE CENTER PANEL SCHEDULE - PP-A

SCALE: NTS

LECTURE CENTER
LC-SKE601.00_1

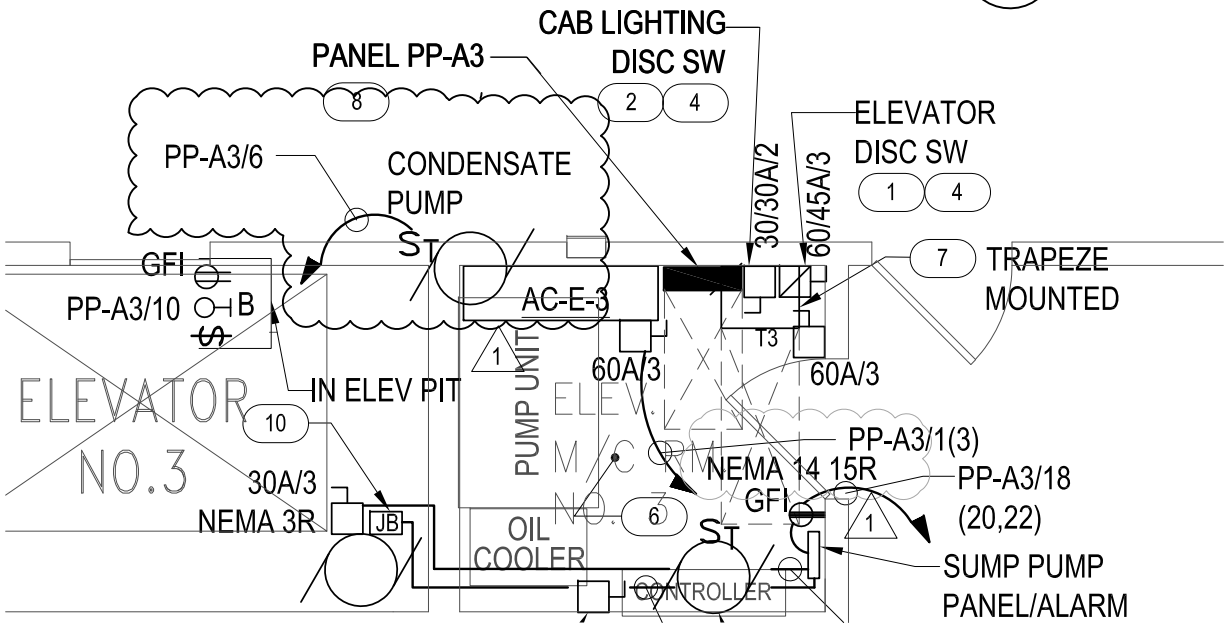
ATTACHMENT 18
ADDENDUM 5 - 12/02/2022



STL GROUND FL ELEV#1 POWER PART PLAN

1

SCALE: 1/4"=1'-0"



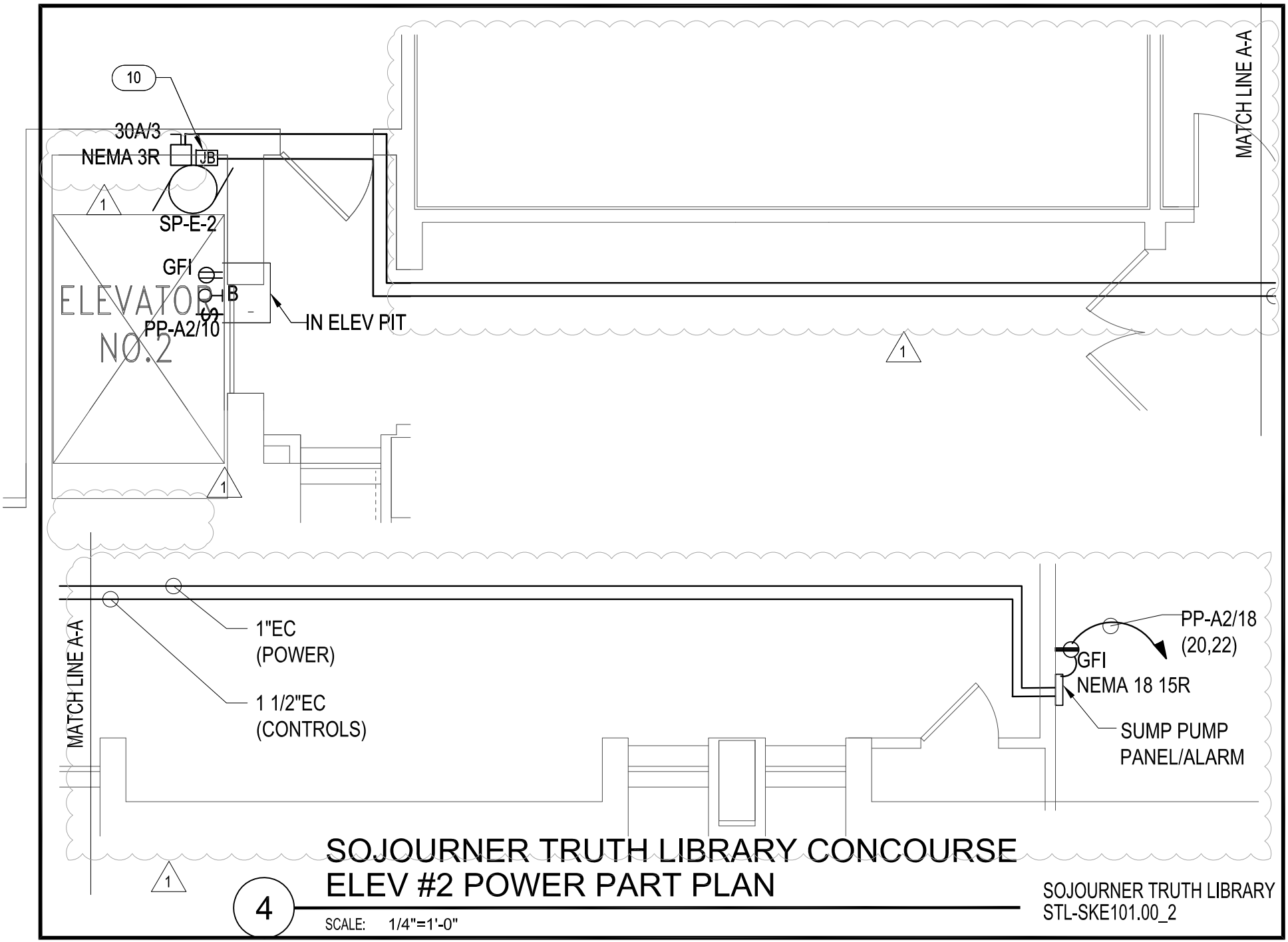
STL CONCOURSE ELEV #3 POWER PART PLAN

7

SCALE: 1/4"=1'-0"

SOJOURNER TRUTH LIBRA
STL-SKE101.00_1

ATTACHMENT 19
ADDENDUM 5 - 12/02/2022



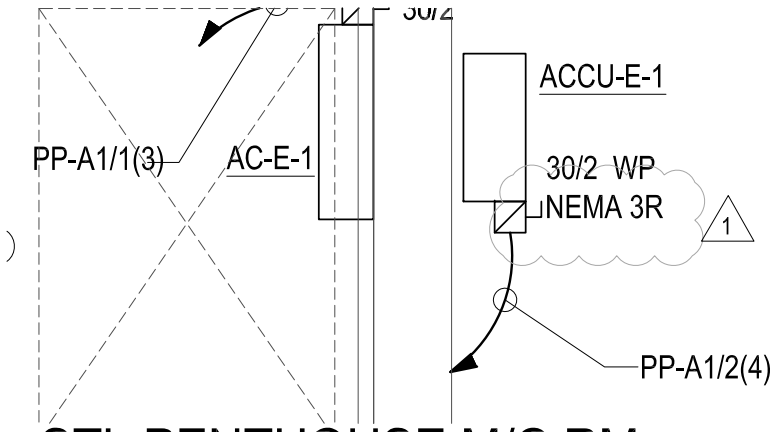
SOJOURNER TRUTH LIBRARY CONCOURSE ELEV #2 POWER PART PLAN

4

SCALE: 1/4"=1'-0"

SOJOURNER TRUTH LIBRARY
STL-SKE101.00_2

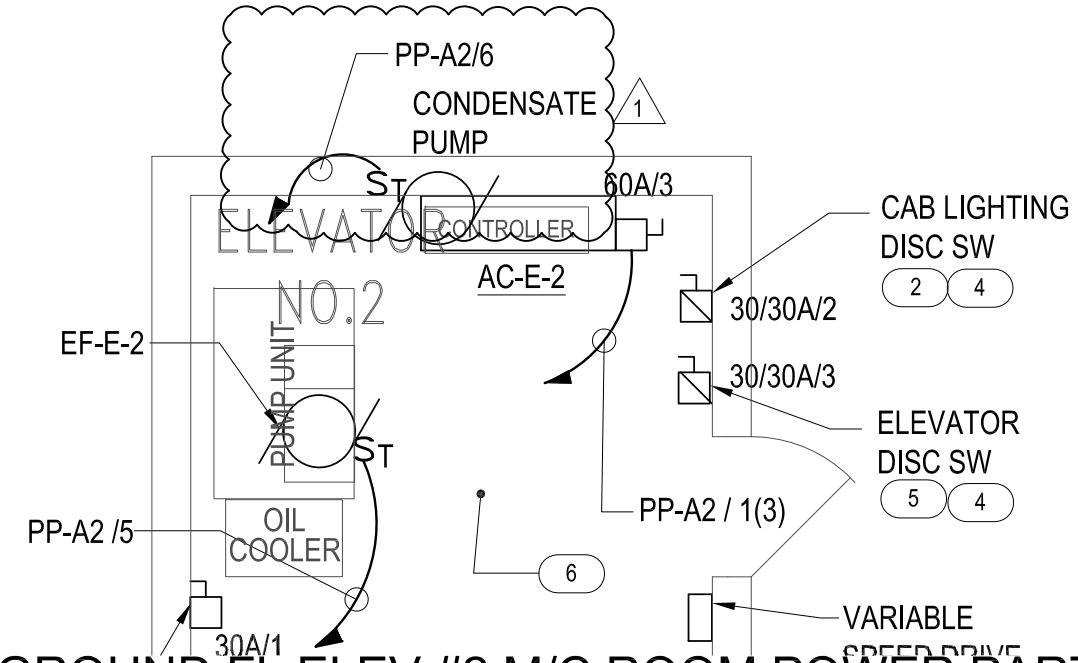
ATTACHMENT 20
ADDENDUM 5 - 12/02/2022



STL PENTHOUSE M/C RM
ELEV #1 POWER PART PLAN

2

SCALE: 1/4"=1'-0"



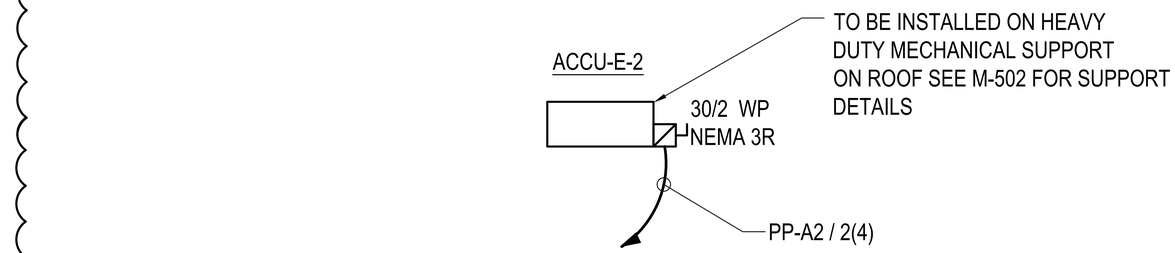
STL GROUND FL ELEV #2 M/C ROOM POWER PART PLAN

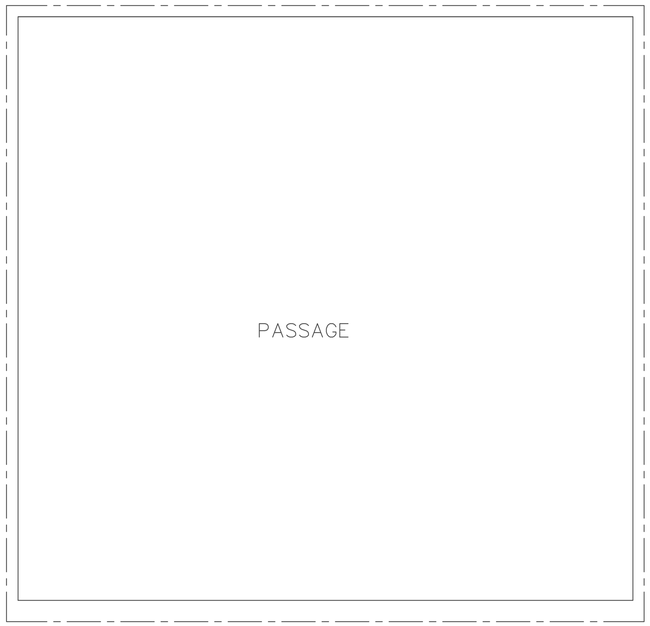
5

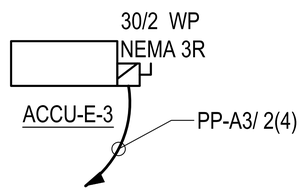
SCALE: 1/8"=1'-0"

SOJOURNER TRUTH LIBRARY
STL-SKE101.00_3

ATTACHMENT 21
ADDENDUM 5 - 12/02/2022







1

1 STL ROOF CONDENSER POWER PART PLAN

SCALE: 1/16"=1'-0"

STUDENT UNION BUILDING
SUB-SKE102.00_1

ATTACHMENT 22
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A2	MAIN RATING:	OPTIONS:	
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 100A/3P	[X] BONDED GROUND BUS	[ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS	
AIC RATING:	10k		[ ] 200% NEUTRAL BUS	[ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS	[ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS	[ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE			
LOCATION:	ELEVATOR MACHINE ROOM	STL		

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	N	PHASE A	B	C	G	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC-E-2	2	100	15	1						2	2	100	30	ACCU-E-2 & CONDENSATE PUMP	2 # 10+ 1 # 10G - 3/4"C
					3						4					
-	SPARE	1	100	20	5						6	1	100	15	CONDENSATE PUMP (1/6HP)	2#12 + 1#12G - 3/4"C (1)
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7						8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9						10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
	SPARE	2	100	30	11						12	1	100	20	SPARE	-
					13						14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15						16	1	100	15	ELEV OIL COOLER	2 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	17					**	18	3	100	15 (1)	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	19						20					
	SPARE	1	100	20	21						22					
	SPARE	1	100	20	23						24	1	100	20	SPARE	-
	SPARE	1	100	20	25						26	1	100	20	SPARE	
	SPARE	1	100	20	27						28	1	100	20	SPARE	
	SPARE	1	100	20	29						30	1	100	20	SPARE	
	SPARE	1	100	20	31						32	1	100	20	SPARE	
	SPARE	1	100	20	33						34	1	100	20	SPARE	
	SPARE	1	100	20	35						36	1	100	20	SPARE	
	SPARE	1	100	20	37						38	1	100	20	SPARE	
	SPARE	1	100	20	39						40	1	100	20	SPARE	
	SPARE	1	100	20	41						42	1	100	20	SPARE	

** GFIC CIRCUIT BREAKER

1 SOJOURNER BUILDING PANEL SCHEDULE - PP-A2

SCALE: NTS

SOJOURNER TRUTH LIBRARY
STL-SKE601.00_1

ATTACHMENT 23
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A3	MAIN RATING:	OPTIONS:
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 100A/3P	[X] BONDED GROUND BUS; [ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS
AIC RATING:	10k		[ ] 200% NEUTRAL BUS; [ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS; [ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS; [ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE		
LOCATION:	ELEVATOR MACHINE ROOM STL		

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	N / PHASE A B C / G	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC-E-3 & CONDENSATE PUMP	2	100	15	1		2	2	100	30	ACCU-E-3	2 # 10+ 1 # 10G - 3/4"C
					3		4					
2 # 12 + 1 # 12G - 3/4"C	EF-E-3	1	100	20	5		6	1	100	15	CONDENSATE PUMP (1/6HP)	2#12 + 1#12G - 3/4"C (1)
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7		8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9		10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
	SPARE	2	100	30	11		12	1	100	20	SPARE	-
					13		14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15		16	1	100	15	ELEV OIL COOLER	2 # 12+ 1 # 12G - 3/4"C
-	SPARE	1	100	20	17	**	18					
	SPARE	1	100	20	19		20	3	100	15	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE (1)	3 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	21		22					
	SPARE	1	100	20	23		24	1	100	20	SPARE	-
	SPARE	1	100	20	25		26	1	100	20	SPARE	
	SPARE	1	100	20	27		28	1	100	20	SPARE	
	SPARE	1	100	20	29		30	1	100	20	SPARE	
	SPARE	1	100	20	31		32	1	100	20	SPARE	
	SPARE	1	100	20	33		34	1	100	20	SPARE	
	SPARE	1	100	20	35		36	1	100	20	SPARE	
	SPARE	1	100	20	37		38	1	100	20	SPARE	
	SPARE	1	100	20	39		40	1	100	20	SPARE	
	SPARE	1	100	20	41		42	1	100	20	SPARE	

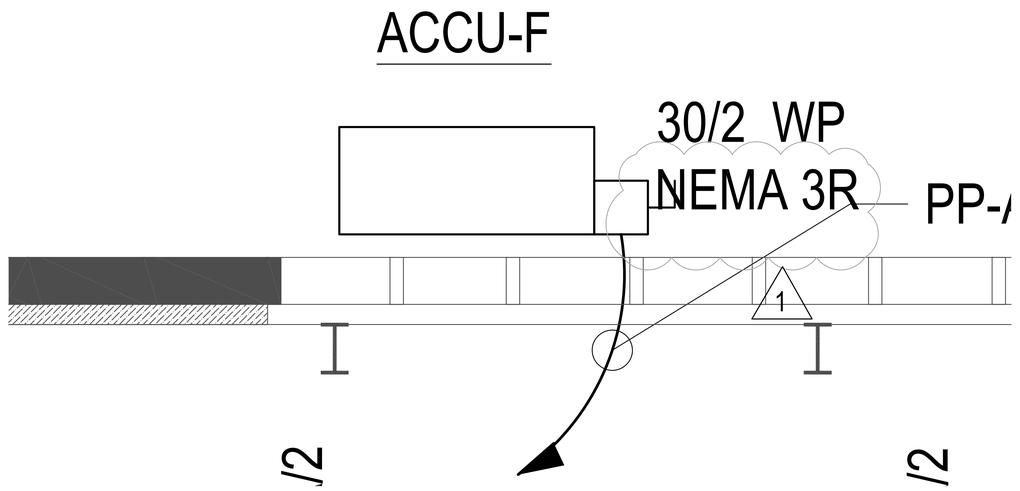
** GFIC CIRCUIT BREAKER

1 SOJOURNER BUILDING PANEL SCHEDULE - PP-A3

SCALE: NTS

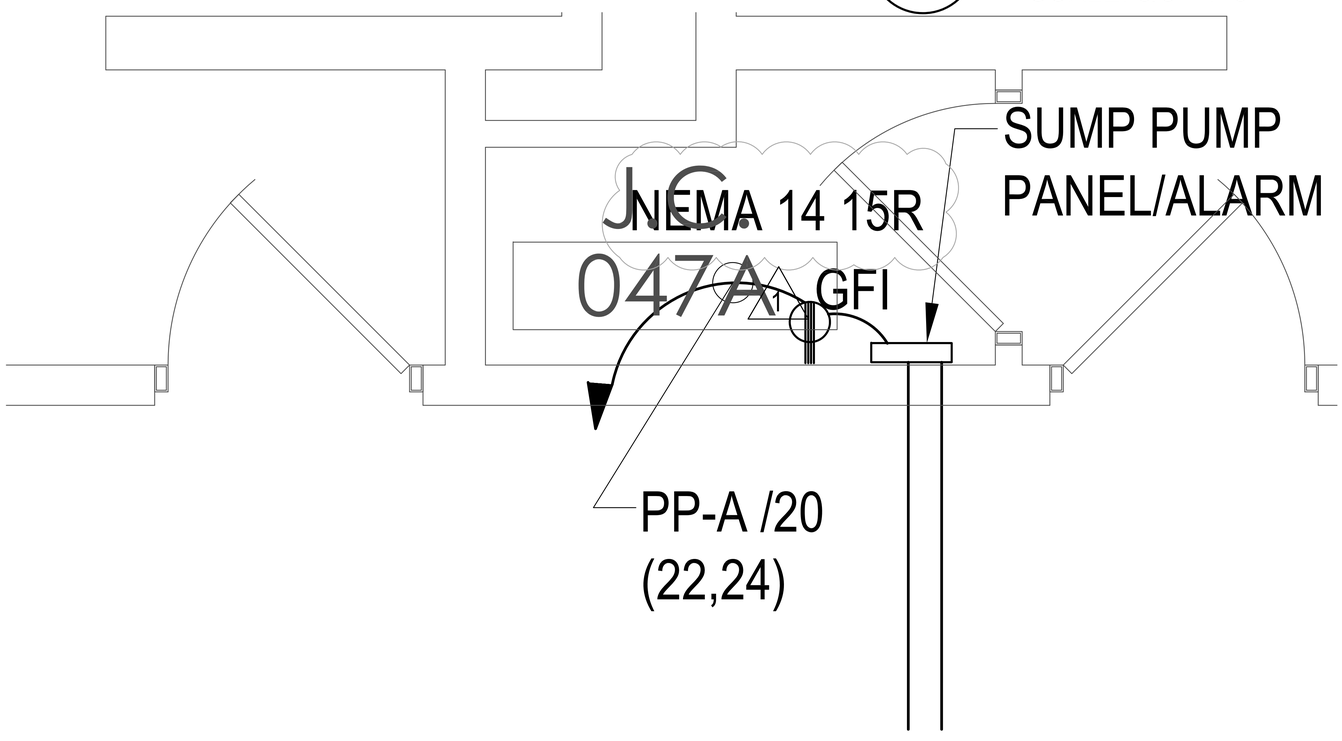
SOJOURNER TRUTH LIBRARY
STL-SKE601.00_1

ATTACHMENT 24
ADDENDUM 5 - 12/02/2022



2 SUB PENTHOUSE POWER PART PLAN

SCALE: 3/8"=1'-0"



1 SUB BASEMENT POWER PART PLAN

SCALE: 3/8"=1'-0"

STUDENT UNION BUILDING
SUB-SKE101.00_1

ATTACHMENT 25
ADDENDUM 5 - 12/02/2022

PANEL:	PP-A	MAIN RATING:	OPTIONS:
SERVICE VOLTAGE:	120/208V, 3PH, 4W	[X] MCB: 100A/3P	[X] BONDED GROUND BUS; [ ] DOOR-IN-DOOR TRIM
MAIN BUS RATING:	100A	[ ] MLO:	[ ] ISOLATED GROUND BUS
AIC RATING:	10k		[ ] 200% NEUTRAL BUS; [ ] INTEGRAL TVSS DEVICE
PANEL FEEDER:	SEE ONE LINE DIAGRAM		[ ] FEED THROUGH LUGS; [ ] INTEGRAL RC SWITCH
ENCLOSURE:	NEMA-1		[ ] SUB FEED LUGS; [ ] INTEGRAL METERING DEVICE
MOUNTING:	SURFACE		
LOCATION:	ELEVATOR MACHINE ROOM SUB		

BRANCH FEEDER	LOAD DESCRIPTION	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	CKT.	CKT.	BRANCH DEVICE POLE (No)	FRAME (AMP)	TRIP (AMP)	LOAD DESCRIPTION	BRANCH FEEDER
2 # 12 + 1 # 12G - 3/4"C	AC-F-1	2	100	15	1	2	2	100	30	ACCU-F-2	2 # 10+ 1 # 10G - 3/4"C
					3	4					
-	SPARE	1	100	20	5	6	1	100	20	SPARE	-
3 # 10 + 1 # 10G - 1"C	ELEV CAB VENTILATION AND LIGHTING DISCONNECT SWITCH	2	100	30	7	8	1	100	20	ELEV M/C ROOM LIGHTING	2 # 12+ 1 # 12G - 3/4"C
					9	10	1	100	20	ELEV PIT REC+LIGHTING	2 # 12+ 1 # 12G - 3/4"C
2 # 12 + 1 # 12G - 3/4"C	AC-F-2	2	100	15	11	12	1	100	20	SPARE	-
					13	14	1	100	20	RECEPTACLE M/C ROOM	2 # 12+ 1 # 12G - 3/4"C
	SPARE	1	100	20	15	16	1	100	20	ELEV EMER PANEL RECEPTACLE	2 # 12+ 1 # 12G - 3/4"C
3 # 12 + 1 # 12G - 3/4"C	SF-F (1 1/2 HP)	3	100	15	17	18	1	100	20	SPARE	
					19	20	3	100	15	SUMP PUMP SP-A (4.4A/1.6KW) & CONTROL PANEL RECEPTACLE	3 # 12+ 1 # 12G - 3/4"C
					21	22					
	SPARE	1	100	20	23	24					
	SPARE	1	100	20	25	26	1	100	20	SPARE	-
	SPARE	1	100	20	27	28	1	100	20	SPARE	
	SPARE	1	100	20	29	30	1	100	20	SPARE	
	SPARE	1	100	20	31	32	1	100	20	SPARE	
	SPARE	1	100	20	33	34	1	100	20	SPARE	
	SPARE	1	100	20	35	36	1	100	20	SPARE	
	SPARE	1	100	20	37	38	1	100	20	SPARE	
	SPARE	1	100	20	39	40	1	100	20	SPARE	
	SPARE	1	100	20	41	42	1	100	20	SPARE	

N | PHASE A B C | G

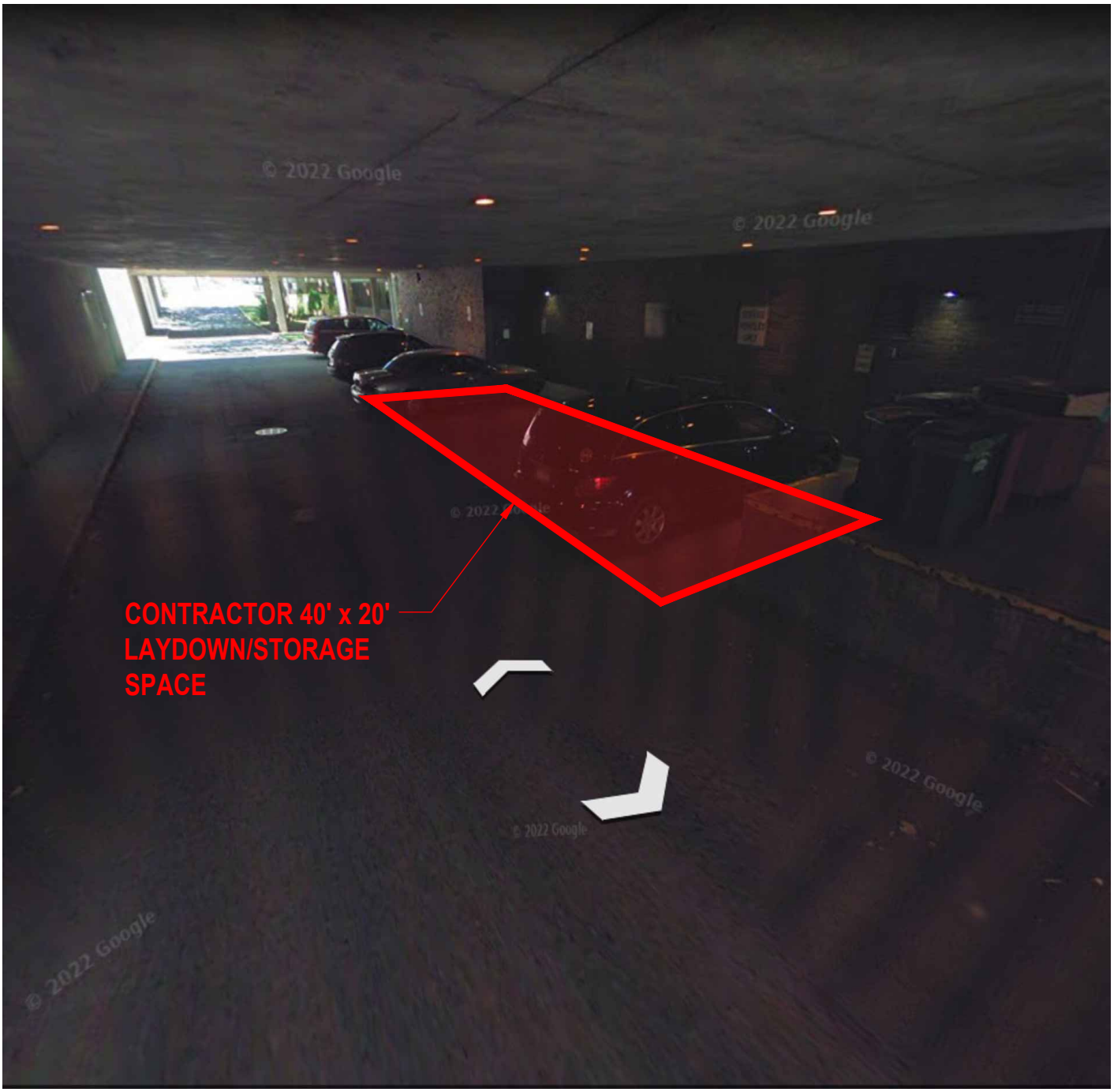
** GFIC CIRCUIT BREAKER

1 STUDENT UNION BUILDING PANEL SCHEDULE - PP-A

SCALE: NTS

STUDENT UNION BUILDING
SUB-SKE601.00_1

ATTACHMENT 26
ADDENDUM 5 - 12/02/2022



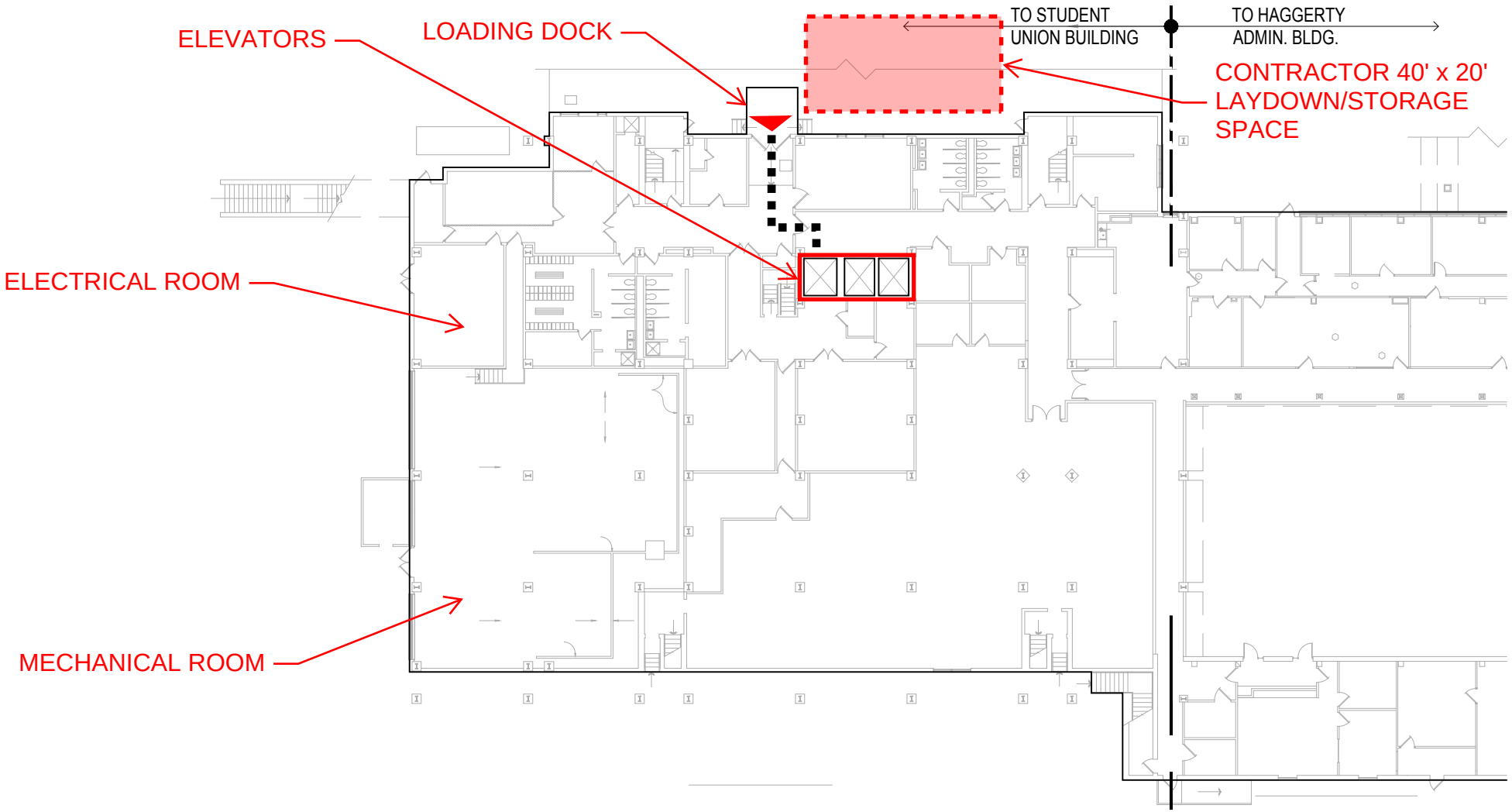
2
T004

STUDENT UNION VIEW AT LOADING DOCK

SCALE: NOT TO SCALE INDICATING LOCATION OF CONTRACTOR LAYDOWN/STORAGE SPACE

ATTACHMENT 27

ADDENDUM 5 - 12/02/2022



1
T006

SUB SOUTH END LOWER LEVEL FLOOR ELEVATOR LOCATION PLAN

SCALE: 1/32" = 1'-0" FLOOR ELEVATION: 323'-8"

ATTACHMENT 28
ADDENDUM 5 - 12/02/2022

SEISMIC NOTES APPLICABLE TO HAGGERTY ADMINISTRATION BUILDING ONLY

1. ALL COMPONENTS INSTALLED IN THIS PROJECT SHALL BE SUBJECT TO THE SEISMIC REQUIREMENTS OF THE RELEVANT CITY, COUNTY, STATE CODES AS APPLICABLE TO THE LOCATION OF THE PROJECT.
2. ANY SEISMIC SUPPORT DETAILS PROVIDED IN THE CONTRACT DOCUMENTS ARE FOR CONTRACTOR'S GENERAL INFORMATION ONLY. IT WILL BE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CODE COMPLIANT SEISMIC SUPPORTS.
3. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER TO ANALYZE AND CONFIRM THE SEISMIC CODE COMPLIANCE OF THE PROJECT COMPONENT INSTALLATION AND AND SUBMIT DOCUMENTATION OF SUCH COMPLIANCE TO THE ARCHTIECT/ENGINEER IN THE FORM OF SHOP DRAWINGS, CERTIFICATIONS, DETAILS ETC.
4. UNLESS OTHERWISE DETERMINED BY THE CONTRACTORS LICENSED SEISMIC ENGINEER, ALL COMPONENTS SHALL BE DESIGNED WITH A MINIMUM COMPONENT IMPORTANCE FACTOR OF 1.5.
5. UNLESS OTHERWISE PRACTICAL, ALL SUSPENDED COMPONENTS SHALL BE PROVIDED SUSPENDED NOT MORE THAN 11.5" FROM THE STRUCTURAL SLABS. UNDER ALL CIRCUMSTANCES, THE CONTRACTOR SHALL COMPLY WITH THE CODE REQUIREMENTS FOR HANGER LENGTHS, WEIGHTS OF ITEMS SUPPORTED, SIZE OF ITEMS SUSPENDED AND OTHER PARAMETERS TO DETERMINE THE SEISMIC SUPPORTS.
6. SEISMIC DESIGN RISK CATEGORY SHALL BE "IV" AND A SDC OF "C".

1 / P001 SEISMIC NOTES

SCALE: 1/8" = 1'-0"

ATTACHMENT 29

ADDENDUM 5 - 12/02/2022

SEISMIC NOTES APPLICABLE TO HAGGERTY ADMINISTRATION BUILDING ONLY

1. ALL COMPONENTS INSTALLED IN THIS PROJECT SHALL BE SUBJECT TO THE SEISMIC REQUIREMENTS OF THE RELEVANT CITY, COUNTY, STATE CODES AS APPLICABLE TO THE LOCATION OF THE PROJECT.
2. ANY SEISMIC SUPPORT DETAILS PROVIDED IN THE CONTRACT DOCUMENTS ARE FOR CONTRACTOR'S GENERAL INFORMATION ONLY. IT WILL BE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE CODE COMPLIANT SEISMIC SUPPORTS.
3. THE CONTRACTOR SHALL ENGAGE THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER TO ANALYZE AND CONFIRM THE SEISMIC CODE COMPLIANCE OF THE PROJECT COMPONENT INSTALLATION AND AND SUBMIT DOCUMENTATION OF SUCH COMPLIANCE TO THE ARCHTIECT/ENGINEER IN THE FORM OF SHOP DRAWINGS, CERTIFICATIONS, DETAILS ETC.
4. UNLESS OTHERWISE DETERMINED BY THE CONTRACTORS LICENSED SEISMIC ENGINEER, ALL COMPONENTS SHALL BE DESIGNED WITH A MINIMUM COMPONENT IMPORTANCE FACTOR OF 1.5.
5. UNLESS OTHERWISE PRACTICAL, ALL SUSPENDED COMPONENTS SHALL BE PROVIDED SUSPENDED NOT MORE THAN 11.5" FROM THE STRUCTURAL SLABS. UNDER ALL CIRCUMSTANCES, THE CONTRACTOR SHALL COMPLY WITH THE CODE REQUIREMENTS FOR HANGER LENGTHS, WEIGHTS OF ITEMS SUPPORTED, SIZE OF ITEMS SUSPENDED AND OTHER PARAMETERS TO DETERMINE THE SEISMIC SUPPORTS.
6. SEISMIC DESIGN RISK CATEGORY SHALL BE "IV" AND A SDC OF "C".

1 / M002 SEISMIC NOTES

SCALE: 1/8" = 1'-0"

ATTACHMENT 30

ADDENDUM 5 - 12/02/2022

CONDENSATE DRAIN PUMP SCHEDULE

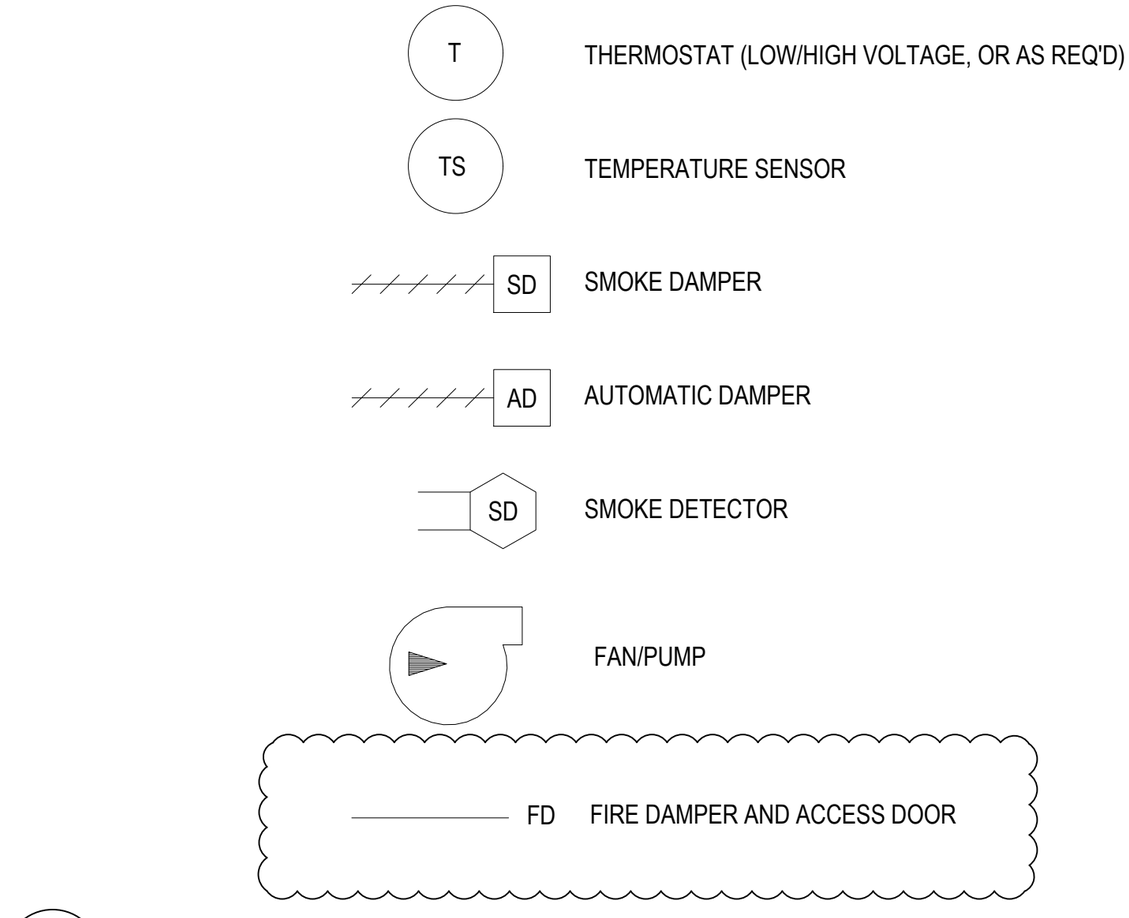
NO.	LOCATION	MANUFACTURER	MODEL	SYSTEM SERVED	PERFORMANCE DATA			MOTOR DATA				
					GPH	TOT.DYN HD.FT	MAX WATER TEMP(F)	AMP	VOLT	PH	HP	HZ
CP-1	SOJOURNER EMR 2	LITTLE GIANT	VCMX	AC-E-2	10	21	140	1.5	115	1	1/30	60

1 / M003 CONDENSATE DRAIN PUMP SCHEDULE

SCALE: 1/8" = 1'-0"

ATTACHMENT 31

ADDENDUM 5 - 12/02/2022

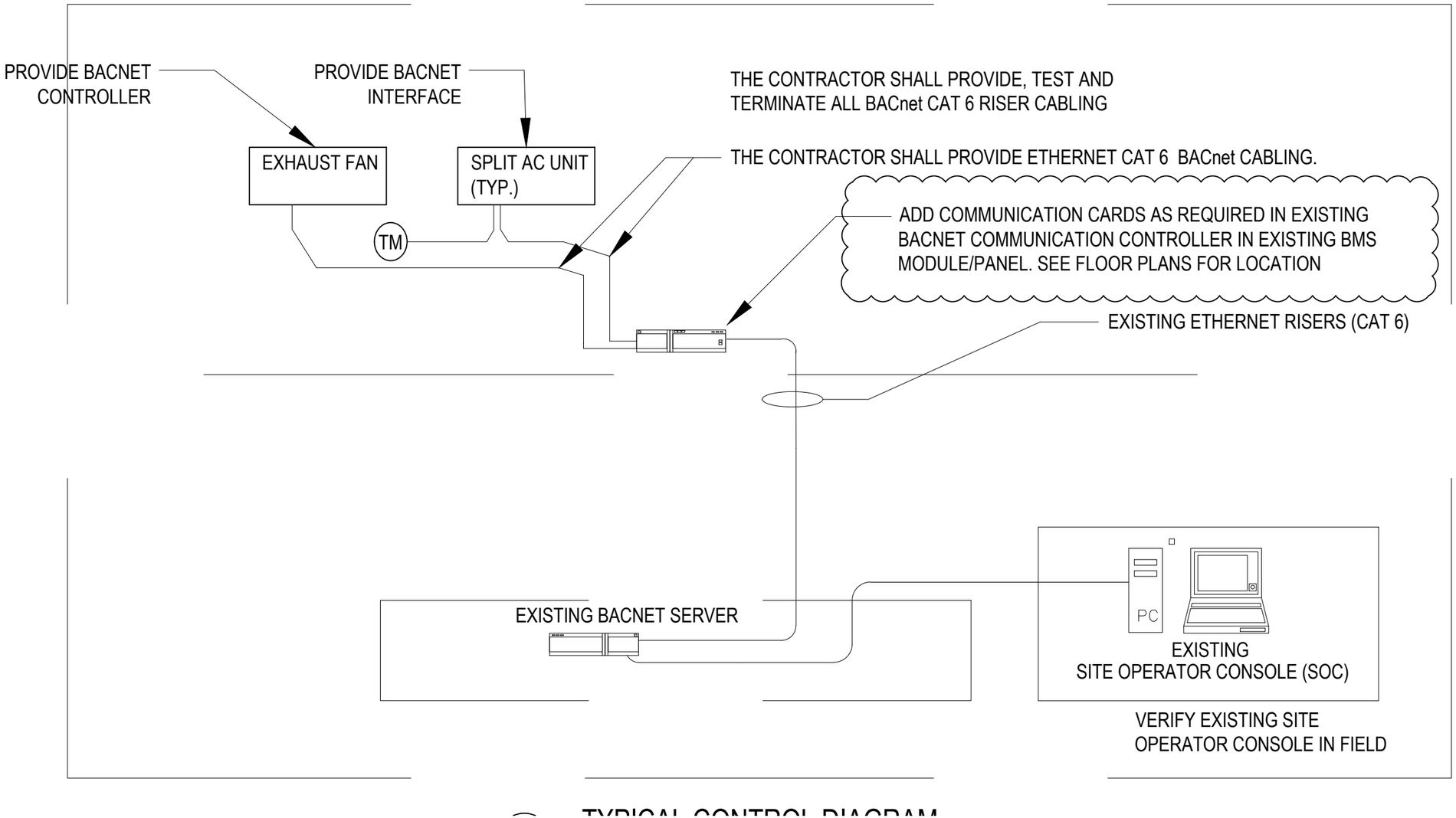


1 / M401 SYSTEM LEGEND/SYMBOL

SCALE: 1/4" = 1'-0"

ATTACHMENT 32

ADDENDUM 5 - 12/02/2022



1 / M402 HVAC CONTROLS SHEET

SCALE: 1/4" = 1'-0"

ATTACHMENT 33

ADDENDUM 5 - 12/02/2022

System Type:		Input/Output (Note 1)							Software/Firmware Features (Note 2, 3)											Notes
SPLIT AC UNIT		Sensed				Calculated			Alarms and Advisories (with Instructions)					Misc. Features						
Reference No.	Point Name	Analog Input	Analog Output	Digital Input	Digital Output	String Value	Rate of Variable	Totalize Variable	Digital Alarm	Change-of-State Alarm	High Limit Alarm	Low Limit Alarm	Runtime Limit (Hrs)	Broadcasted Point	"Direct Lon Communication"	Trended Value	Misc. Other	Network Variable Type	Notes
1	Space Temperature	X										55.0F				X		Input	
2	Unit Alarm Status			X					X							X		Output	
3	High Limit Alarm			X						X						X		Input	
4	Unit Enable/Disable				X											X		Output	

X = CONTRACTOR TO PROVIDE QUANTITY AS REQUIRED TO INCLUDE ALL INSTANCES OF THE INDICATED FEATURE. INCLUDE MULTIPLE POINTS WITHIN EACH MECHANICAL SYSTEM AS NECESSARY. COORDINATE WITH EQUIPMENT VENDOR.

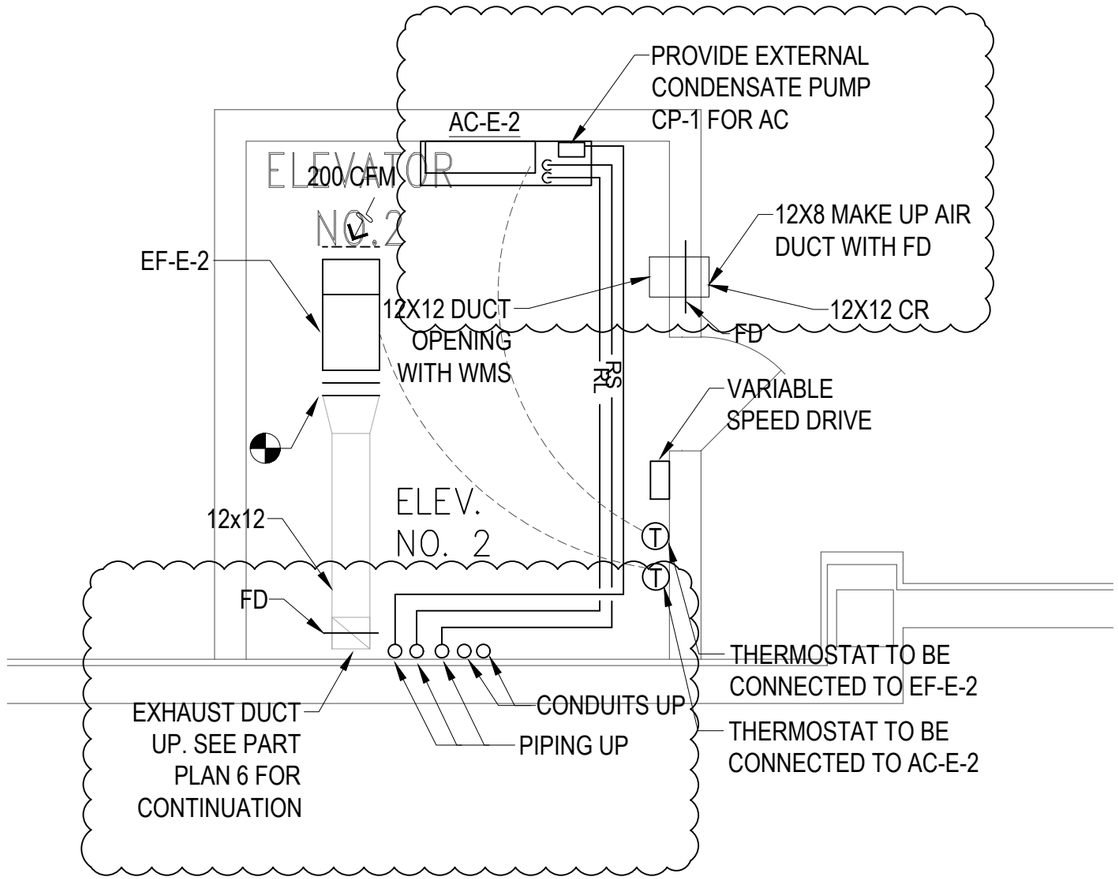
NOTE:

1. PROVIDE BACNET COMMUNICATION CONNECTION TO THIS DEVICE MAPPING ALL REQUIRED POINTS INTO THE BACNET DATABASE. UNIT SHALL BE PROVIDED WITH BACNET INTERFACE FOR SUCH MAPPING
2. CONTROL POINT SHALL BE VIRTUAL POINTS THRU BACNET CARD BUILDING CONTROL SYSTEM.

1 / M402 HVAC CONTROLS SHEET

SCALE: 1/4" = 1'-0"

ATTACHMENT 34
ADDENDUM 5 - 12/02/2022

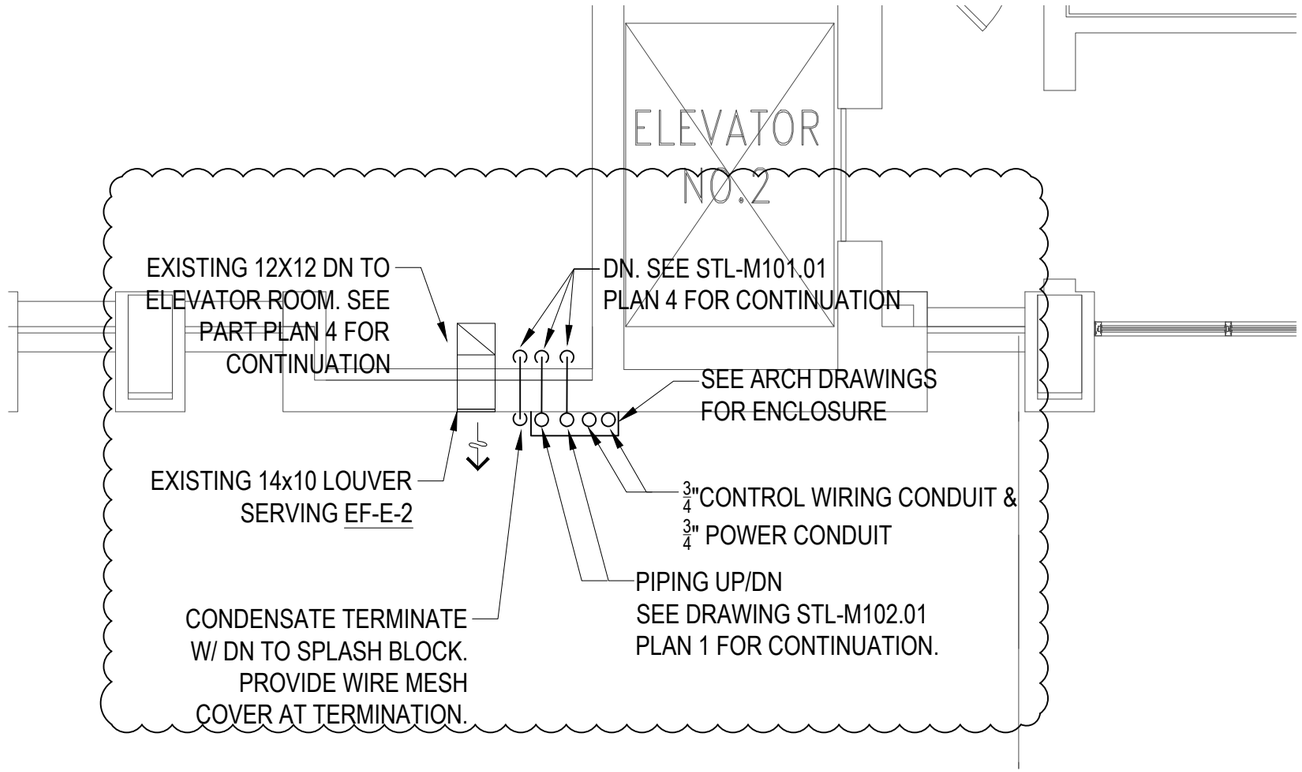


4 STL-M101

HVAC - SOJOURNER TRUTH LIBRARY GROUND FLOOR PART PLAN ELEVATOR RM (ELEVATOR 2)

SCALE: 1/4" = 1'-0"

ATTACHMENT 35
ADDENDUM 5 - 12/02/2022

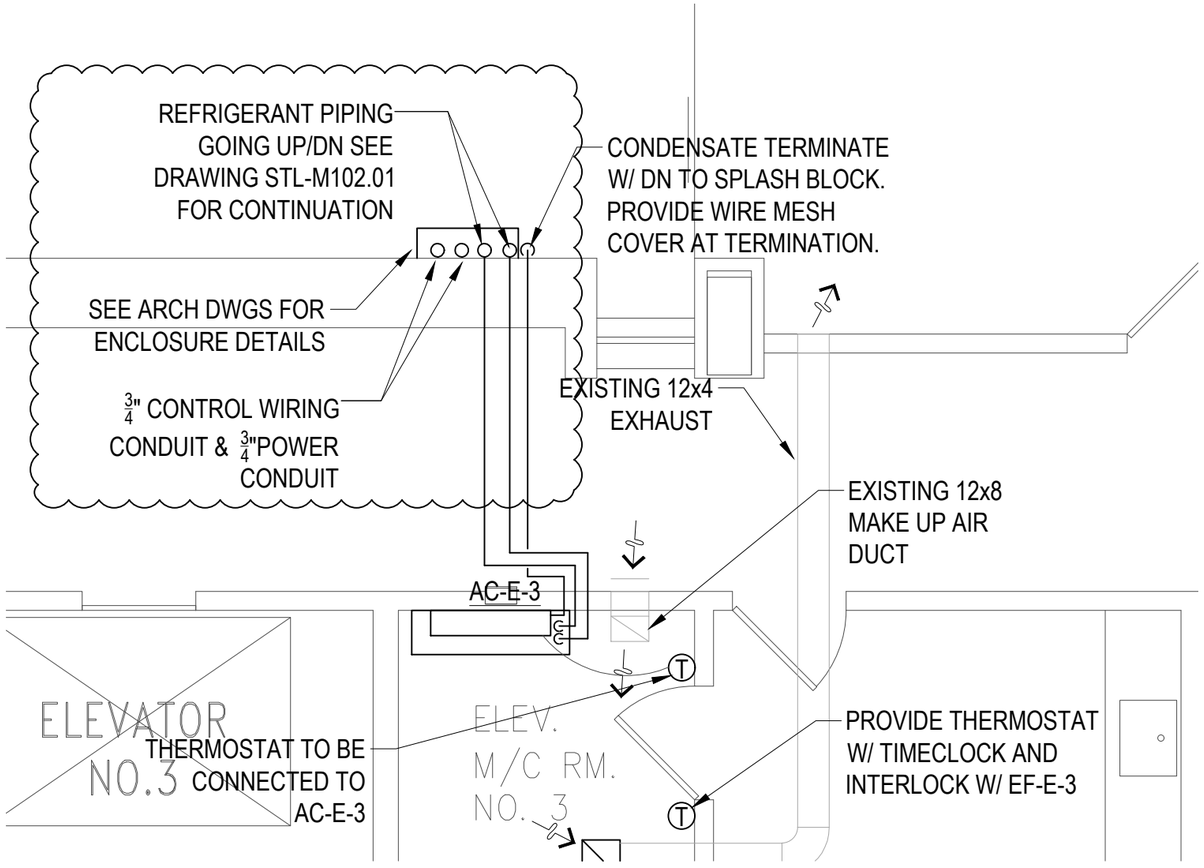


6
STL-M101

HVAC - SOJOURNER TRUTH LIBRARY CONCOURSE PART PLAN 2

SCALE: 1/4" = 1'-0"

ATTACHMENT 36
ADDENDUM 5 - 12/02/2022

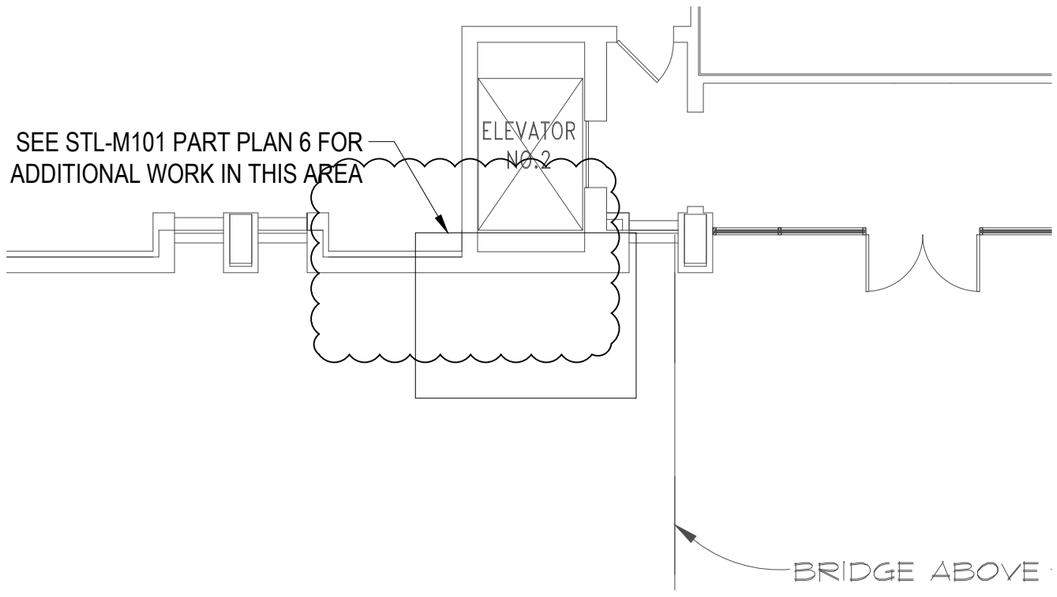


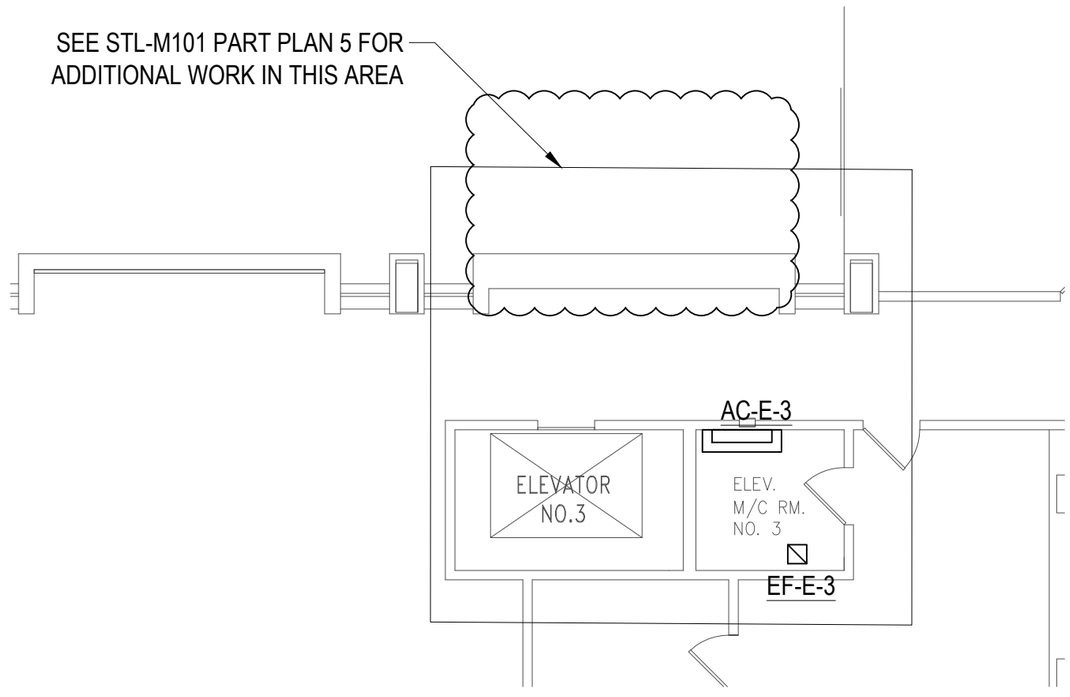
5 STL-M101

HVAC - SOJOURNER TRUTH LIBRARY CONCOURSE PART PLAN ELEVATOR RM (ELEVATOR 3)

SCALE: 1/4" = 1'-0"

ATTACHMENT 37
ADDENDUM 5 - 12/02/2022





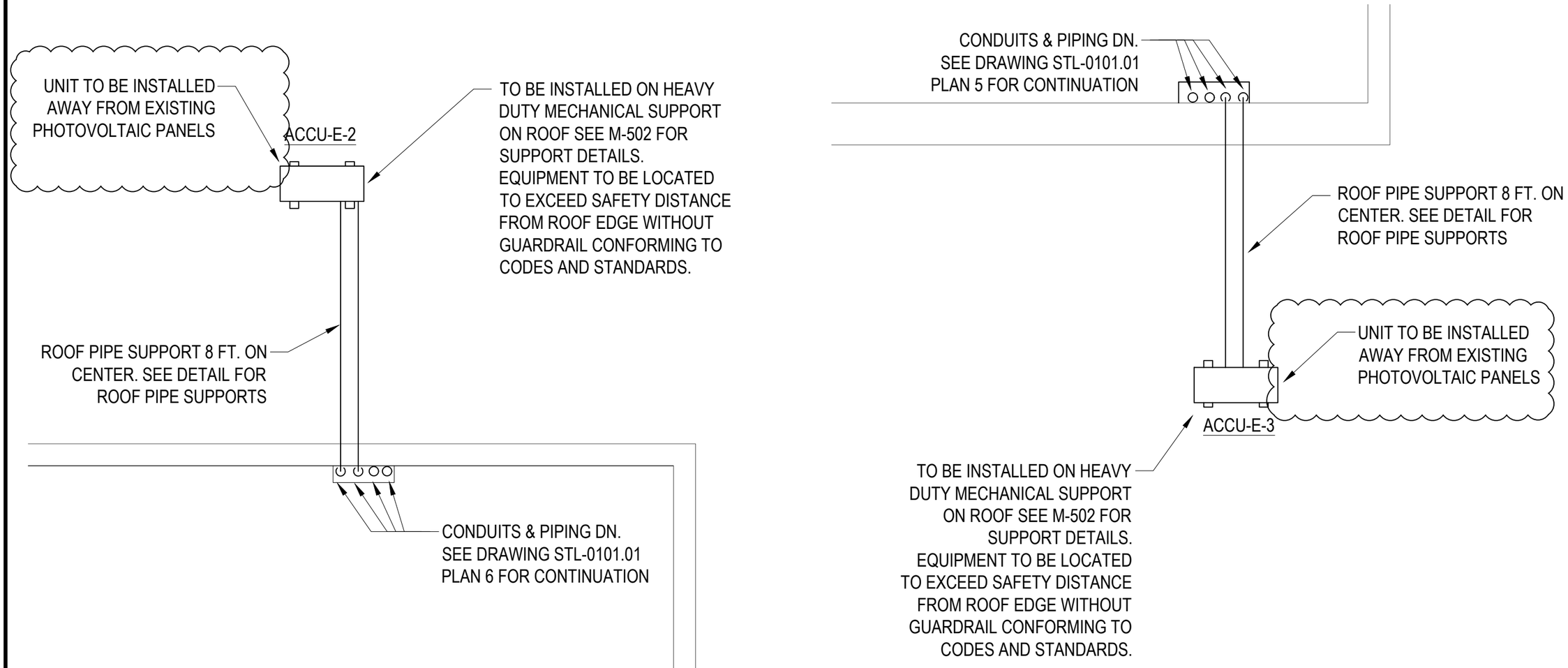
2 STL-M102

HVAC - SOJOURNER TRUTH LIBRARY ROOF PART PLAN

SCALE: 1/8" = 1'-0"

ATTACHMENT 38

ADDENDUM 5 - 12/02/2022

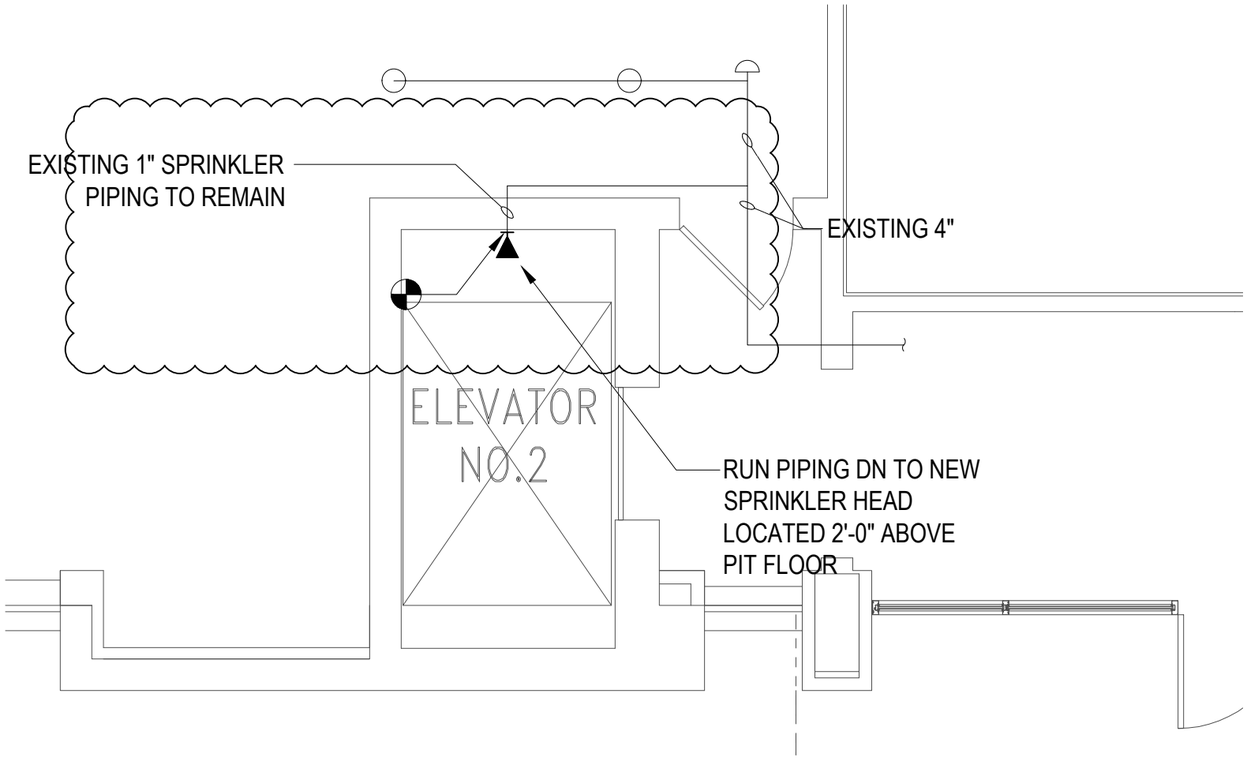


1 STL-M102 HVAC - SOJOURNER TRUTH LIBRARY ROOF PART PLAN

SCALE: 1/8" = 1'-0"

ATTACHMENT 39

ADDENDUM 5 - 12/02/2022

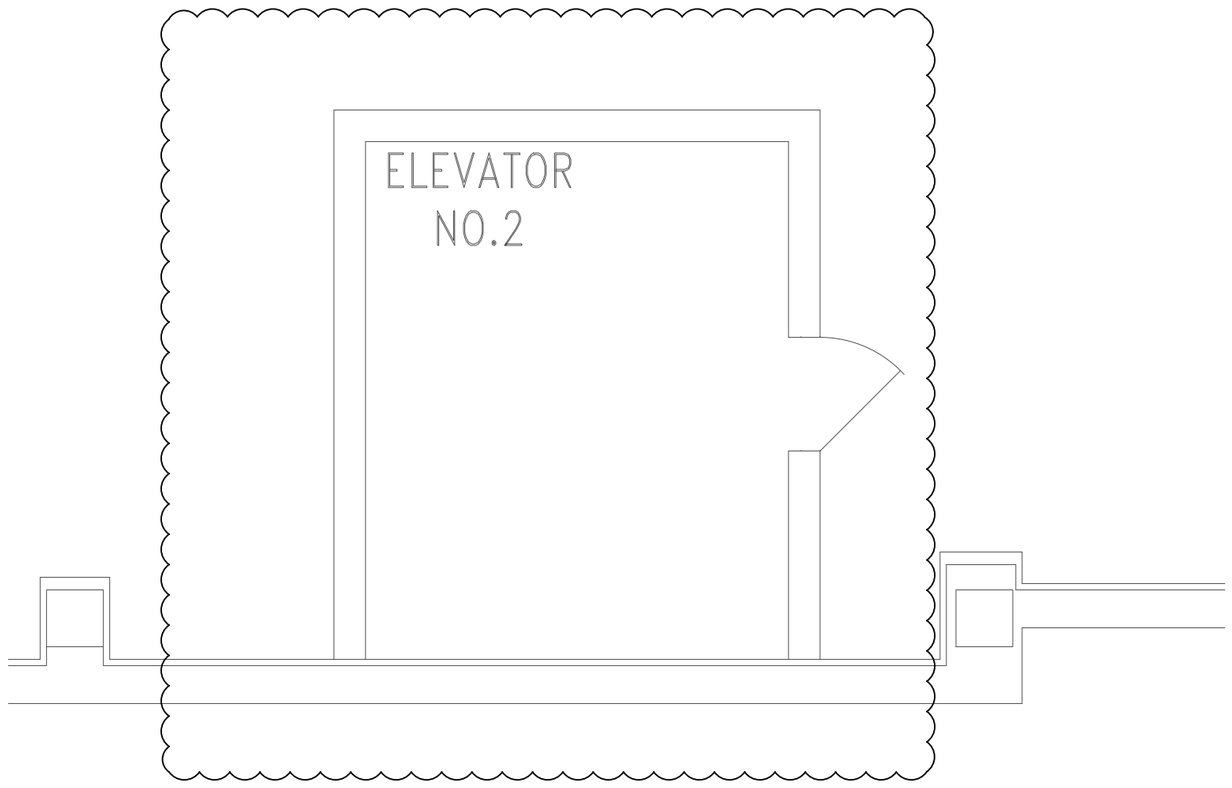


4
STL-FP101

FIRE PROTECTION - SOJOURNER TRUTH LIBRARY CONCOURSE PART PLAN (ELEVATOR 2)

SCALE: 1/4" = 1'-0"

ATTACHMENT 40
ADDENDUM 5 - 12/02/2022



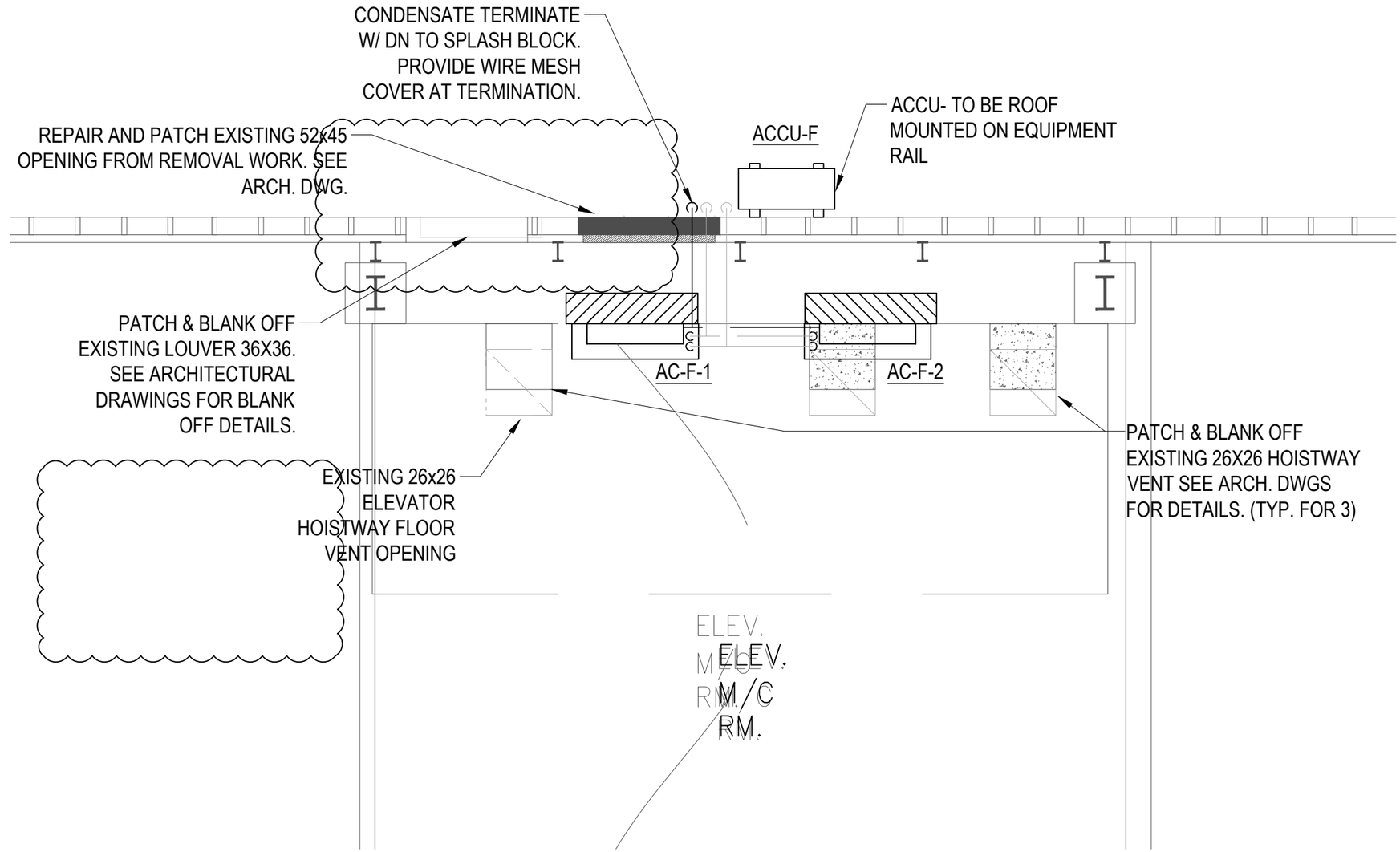
6
STL-FP101

FIRE PROTECTION - SOJOURNER TRUTH LIBRARY GROUND FLOOR PART PLAN ELEVATOR ROOM (ELEVATOR 2)

SCALE: 1/4" = 1'-0"

ATTACHMENT 41

ADDENDUM 5 - 12/02/2022



2 SUB-M101 HVAC - STUDENT UNION BUILDING PENTHOUSE PART PLAN

SCALE: 1/4" = 1'-0"

ATTACHMENT 42

ADDENDUM 5 - 12/02/2022

PART LIST

ITEM	QTY	PART NUMBER
11	8	STRUT CAP
10	24	SCREW_NUT_WASHER_LOCK WASHER
9	12	SCREW_T NUT_LOCK WASHER
8	2	HORIZONTAL STRUT CHANNEL X3 FEET
7	4	FLAT PLATE CONNECTOR
6	2	HORIZONTAL STRUT CHANNEL X4 FEET
5	2	4 HOLE WEB CORNER LEFT
4	2	4 HOLE WEB CORNER RIGHT
3	4	VERTICAL STRUT CHANNEL X18 INCH
2	4	VERTICAL STRUT KNUCKLEHEAD
1	4	2001 BASE A KNUCKLEHEAD 7 INCH UNIVERSAL BASE WITH GREENLINK ADHESIVE

13 HEIGHT ADJUSTABLE HEAVY DUTY MECHANICAL SUPPORT

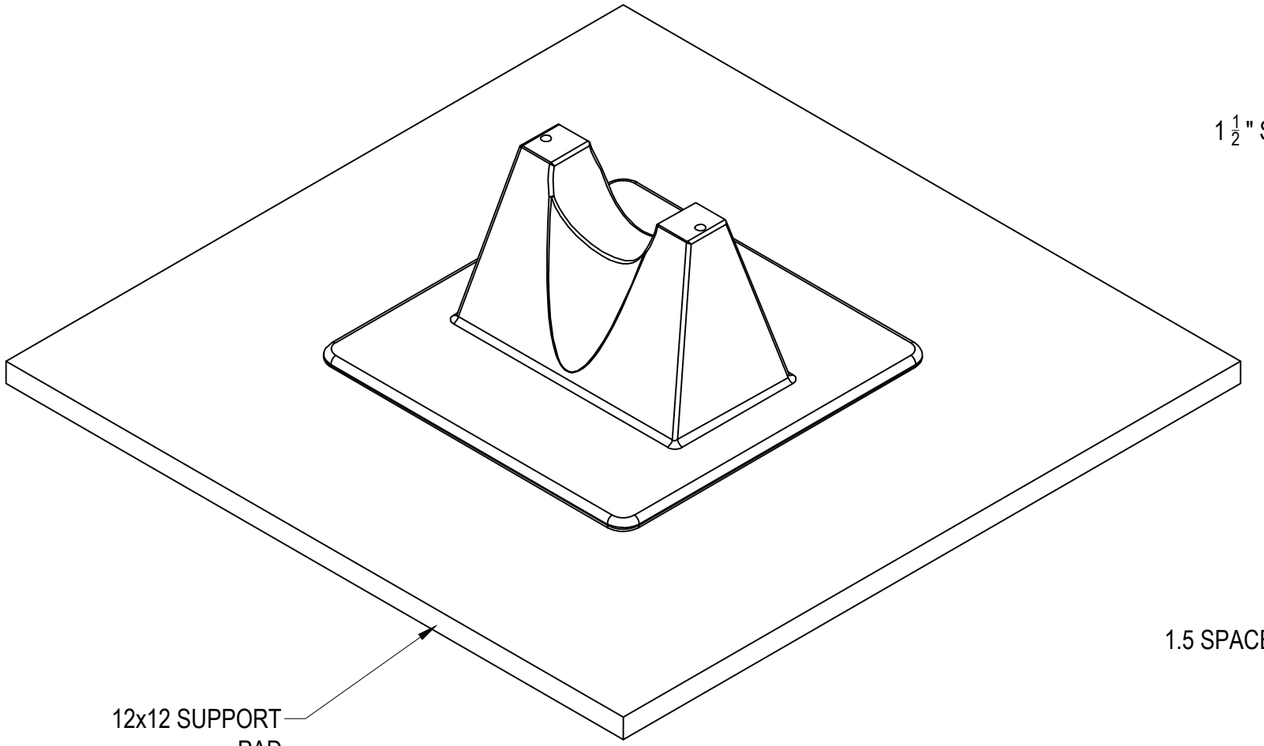
SCALE: N.T.S.

13 / M502 HVAC DETAILS SHEET 2 OF 2

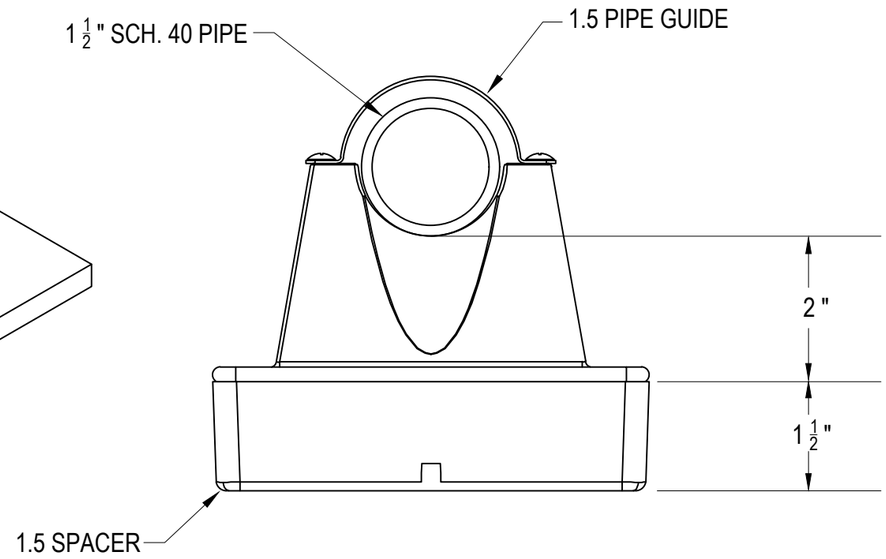
SCALE: 1/4" = 1'-0"

ATTACHMENT 43

ADDENDUM 5 - 12/02/2022



ISOMETRIC VIEW



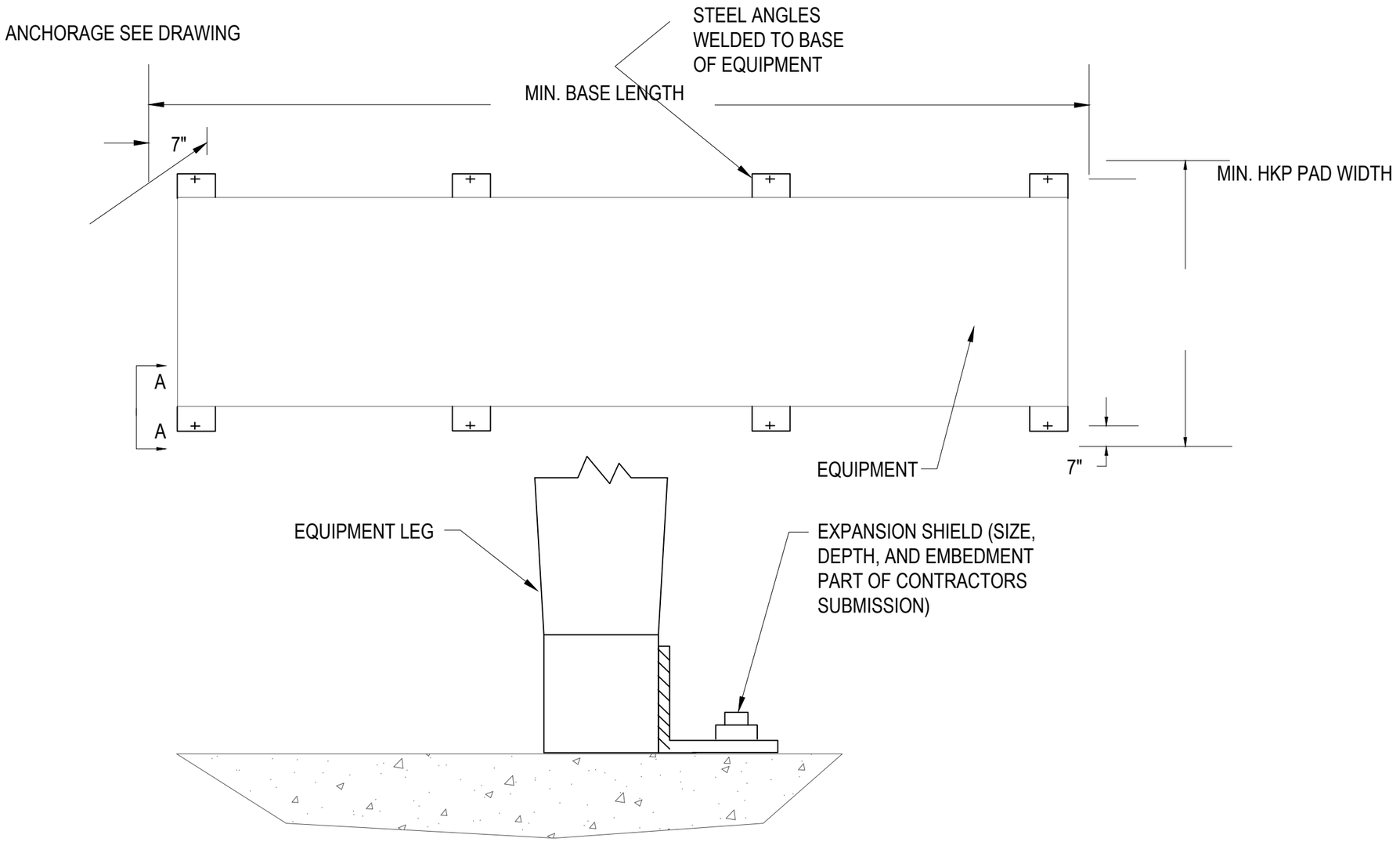
END VIEW

NOTES:

1. SUPPORT SHALL BE OPTIMIZED TO CARRY UP TO A 1-1/2" PIPE.
2. MAXIMUM PIPE OD FOR THE SUPPORT SHALL BE 1.9"
3. PIPE CLEARANCE SHALL BE 2"
4. 1.5 SPACER ACCESSORY SHALL ADD AN ADDITIONAL 1-1/2" OF HEIGHT PER SPACER. UP TO 2 SPACERS SHALL BE USED.
5. MAXIMUM LOAD SHALL BE 72 LBS. BASED ON 3.0 PSI TO THE ROOF DECK. EVEN LOAD REQUIRED.
6. UNIT WEIGHT: 0.34 LBS.
7. 48 PER CASE (22 LBS.)
8. SPACING SHALL NOT EXCEED 7' CENTERS DEPENDING UPON THE LOAD.

20 FLOOR MOUNTED PIPE SUPPORT

SCALE: N.T.S.



SECTION A-A

NOTE: SEISMIC FLOOR SUPPORT APPLIES FOR HAGGERTY ADMINISTRATION BUILDING ONLY.

21

SEISMIC FLOOR SUPPORT DETAILS

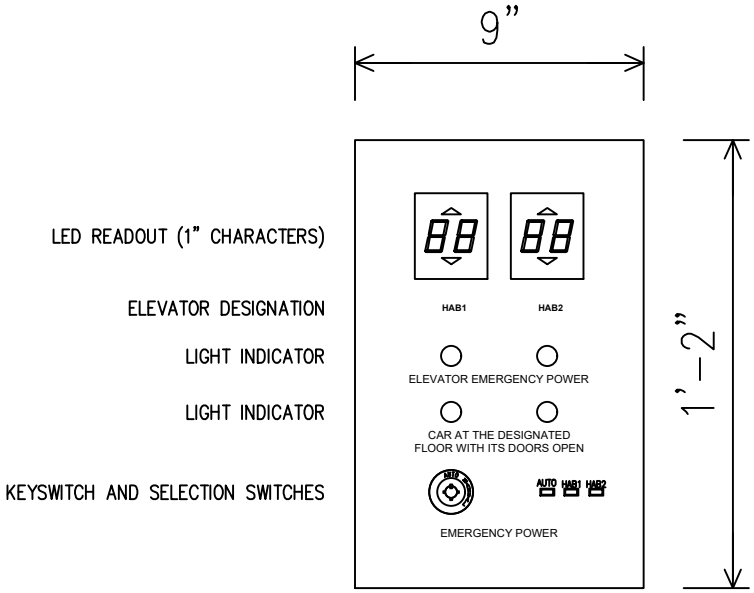
SCALE: N.T.S.

21
M503

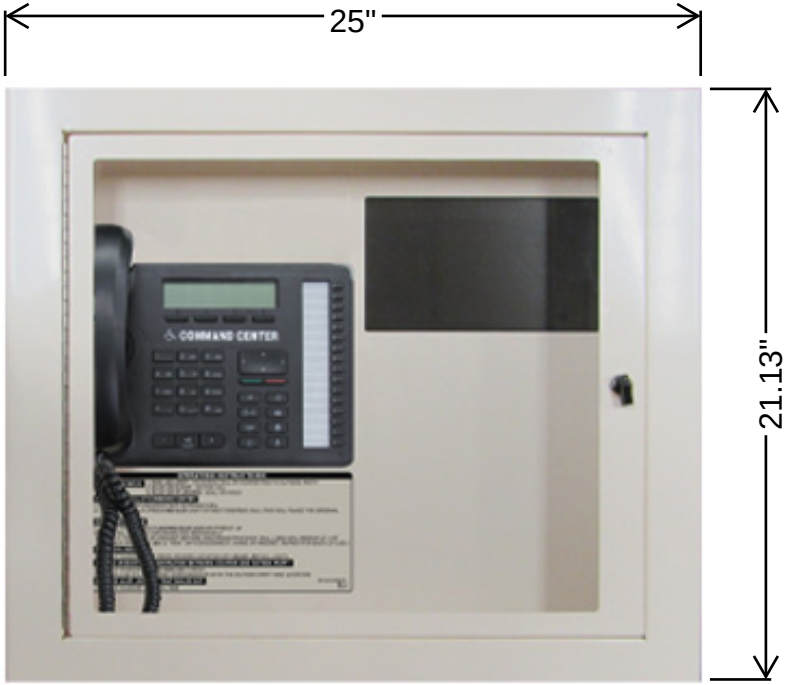
HVAC DETAILS SHEET 3 OF 3

SCALE: 1/4" = 1'-0"

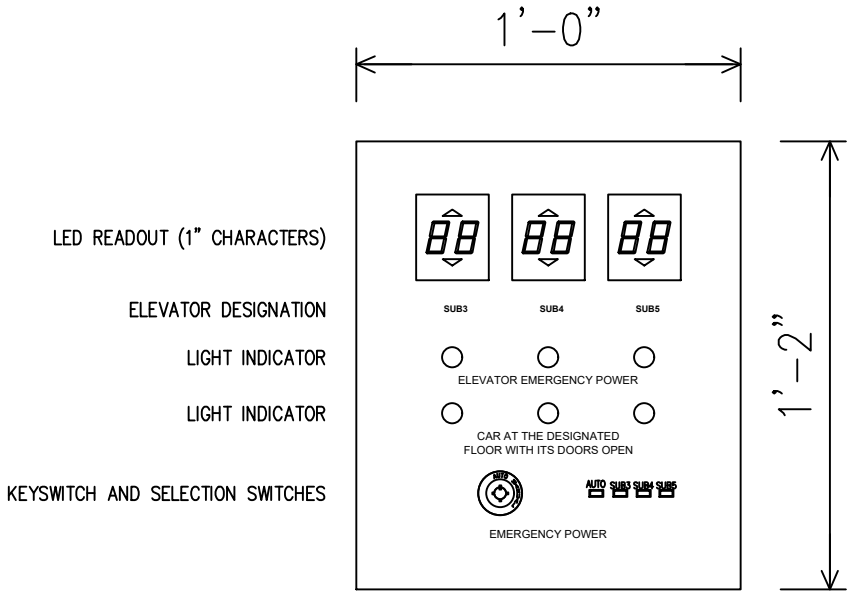
ATTACHMENT 45
ADDENDUM 5 - 12/02/2022



1. HAB EMERGENCY POWER PANEL



2. HAB COMMUNICATION PANEL FOR LOBBY



3. SUB EMERGENCY POWER PANEL

ATTACHMENT 46

ADDENDUM 5 - 12/02/2022