

ADDENDUM # 2

DATE: JANUARY 5, 2022

TO CONTRACT DOCUMENTS ENTITLED:

STRICKLAND HALL – RENOVATE SPACE FOR COUNSELING
CENTER

UNIVERSITY OF MISSOURI

PROJECT NUMBER: CP219031

ADVERTISEMENT DATE: December 13, 2021

PREPARED FOR: The Curators of the University of Missouri

CONSULTANT: International Architects Atelier, Inc.
912 Broadway Suite 300
Kansas City, Missouri 64105
Telephone: (816) 471-6522

Specifications and Drawings for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

SPECIFICATION CHANGES:

1. Section 081113, 2.3.B.1 - Frames
DELETE: c. Construction: Face Welded.
REPLACE WITH: c. Construction: Knocked Down.
2. Section 081113, 2.4 – Borrowed Lites
DELETE: B. Construction: Face Welded.
REPLACE WITH: B. Construction: Knocked Down.
3. Section 081416, 2.4.A.4 – Faces
DELETE: b. Cut: Plain Sliced (flat sliced).
REPLACE WITH: B. Cut: Rotary Cut.
4. Section 087100, DOOR HARDWARE
DELETE: Hardware Group 9

5. Section 087100, Hardware Group 16
ADD: 1 EA ELECTRIC STRIKE 6211 FSE 630 VON
 1 EA DOOR CONTACT 679-05 BLK SCE
 1 EA POWER SUPPLY PS902 900-2RS SCE
 1 EA HIRD CARD READER BY OWNER

DRAWING CHANGES:

1. Drawing A700, W15 – DOOR SCHEDULE
ADD: Comment “3” to Door 412A
2. Drawing EP100
DELETE: Entire Drawing
REPLACE WITH: Attached Drawing EP100
CLARIFICATION: Add card reader to Door 412A.
3. Drawing EY100
DELETE: Entire Drawing
REPLACE WITH: Attached Drawing EY100
CLARIFICATION: Add card reader to Door 412A.
4. Drawing E500
DELETE: Entire Drawing
REPLACE WITH: Attached Drawing E500
5. Drawing E600
DELETE: Entire Drawing
REPLACE WITH: Attached Drawing E60

ATTACHMENTS:

EP100, EY100, E500, E600

END OF ADDENDUM # 2

ADD #2 – Page 2 of 2

1600 BALTIMORE
KANSAS CITY, MO 64108
PH: 816.842.837

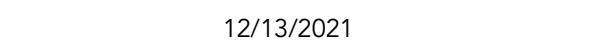


ISSUED FOR BID

Strickland Hall
University of Missouri
Columbia, MO 65201

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| DATE: | 12/13/2021 |
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| DRAWN BY: | ESA |
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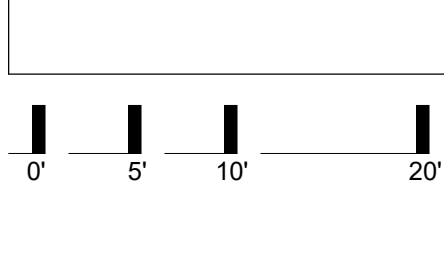
BRUCE E. HART - ENGINEER
MO#: E-22817

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POWER PLANS

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| |
|---|
| <u>SHEET NOTES:</u> |
| 1. REFER TO SHEET E000 FOR GENERAL NOTES. NOT ALL GENERAL NOTES SHALL APPLY TO THIS SHEET. |
| 2. SCOPE OF WORK INCLUDED IN BASE BID UNLESS OTHERWISE NOTED. |
| 3. UNLESS OTHERWISE NOTED, CONNECT NEW RECEPTLES TO NEARBY EXISTING CIRCUIT. NO CIRCUIT SHALL HAVE MORE THAN 8 GENERAL USE RECEPTABLES. ADAPT AND MODIFY WIRE AND CONDUIT AS REQUIRED FOR EXTENSION AND CONNECTION; IF NO NEARBY CIRCUIT IS AVAILABLE, THE NEW CIRCUIT SHALL BE CONNECTED TO SPARE CIRCUIT BREAKER IN PANEL 4L2-B AND PROVIDE NEW WIRE AND CONDUIT AS REQUIRED. |
| 4. DISCONNECT AND REMOVE ALL WIRE AND CONDUIT NOT REQUIRED TO SERVE A NEW OR EXISTING LOAD. |

1. LOCATE NEW DUPLEX RECEPTACLE ON WALL IF DEMOED WALL HAS MOUNTED RECEPTACLE. INTERCEPT AND EXTEND DEMOED RECEPTACLE CIRCUIT TO NEW LOCATION. ADAPT TO PANEL 42-A AND CONDUIT AS REQUIRED FOR RECONNECTION.

2. CONNECT ALL CAMERA RECEPTABLES WITH (1) DEMOED CIRCUIT IN PANEL 42-A, 1/2" IN. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A.

3. DEMOED CIRCUIT IN EACH ROOM TO SEPARATE DEDICATED CIRCUIT. ROUTE POKE THRU CONDUIT UP THROUGH NEW SECTION OF WALL TO ACCESS RECEPTABLE.

4. PROVIDE EACH RECEPTABLE WITH DEDICATED CIRCUIT. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A.

5. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE, GFCI CIRCUIT BREAKER IN PANEL 42-A.

6. PROVIDE 120V, 20A POWER CONNECTION TO HAND DRYER. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN PANEL 42-A FOR DEDICATED CIRCUIT.

7. LOCATE (2) 42 POLE, 225A, 120/208V, 3 PHASE, 4 WIRE, SUPPLY PANEL BOARD. SITES OVERCURRENT, FIELD VERIFY AND MATCH EXISTING PANEL INFORMATION. DISCONNECT, VALIDATE FEEDER, OVERCURRENT PROTECTION DEVICE AND UPSTREAM PANEL ARE ADEQUATELY RATED AND MATCHED TO LOADS AND CONDUIT AS REQUIRED FOR RECONNECTION TO FEEDER AND RECONNECTION OF EXISTING BRANCH CIRCUITS. RECONNECT TO PANEL DIAGRAM ON SHEET E500 AND PANEL SCHEDULES ON SHEET E500 FOR MORE INFORMATION.

8. PROVIDE ELECTRIC WATER COOLER RECEPTACLE WITH DEDICATED CIRCUIT. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A.

9. PROVIDE COPPER RECEPTACLE WITH DEDICATED CIRCUIT. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A. FIELD VERIFY EXACT LOCATION OF COPPER RECEPTACLE WITH OWNERS REPRESENTATIVE.

10. PROVIDE 120V, 20A POWER CONNECTION AND RECONNECT TO DISCONNECT. PROVIDE ELECTRIC WATER HEATER. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN PANEL 42-A.

11. RELOCATE AND RECONNECT EXISTING JUNCTION BOXES.

12. LOCATE CARD ACCESS PANEL AND RECEPTACLE. REFERENCE E400 FOR CARD ACCESS DOOR DETAIL FOR MORE INFORMATION. FIELD VERIFY LOCATION OF NEW CARD ACCESS PANEL AND RECEPTACLE WITH OWNERS REPRESENTATIVE.

13. PROVIDE CARD ACCESS DETAIL ON SHEET E400 FOR MORE INFORMATION. REWIRE CURTAIN CORD DETAIL AND FOUND IN WALL. PROVIDE 1/4" LUGS TO ACCORD WITH GENERAL LOCATION. REFER TO EPD100 FOR MORE INFORMATION.

14. PROVIDE MONITOR RECEPTABLES AND TABLET WITH DEDICATED CIRCUIT. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A. FIELD VERIFY LOCATION OF TABLET WITH OWNERS REPRESENTATIVE.

15. CONNECT MONITOR AND SOUNDBAR RECEPTABLES WITH (1) DEDICATED CIRCUIT IN PANEL 42-A. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A.

16. CONNECT MONITOR AND SOUNDBAR RECEPTABLES WITH (1) DEDICATED CIRCUIT IN PANEL 42-A. PROVIDE 2#12 & 1#12 GND, IN 3/4" C TO 20A, 1 POLE CIRCUIT BREAKER IN 42-A.

17. WORK INCLUDED IN ALTERNATE BID 1. LOCATE NEW RACK UNITS AND RECEPTACLE. FIELD VERIFY LOCATION OF RACK UNITS AND RECEPTABLES WITH OWNERS REPRESENTATIVE.

POWER | B7
SCALE: 1" = 10'-0"

NOTES | B1



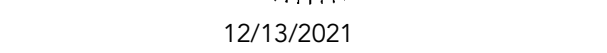
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| APPROVED BY: | PIP |

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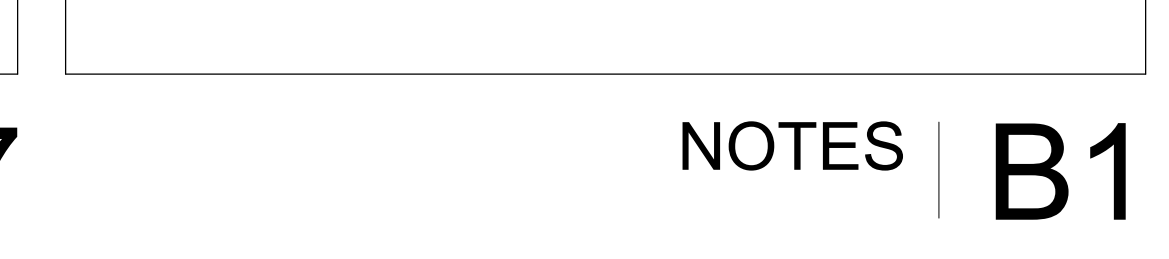
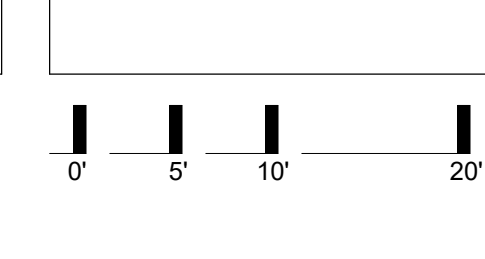


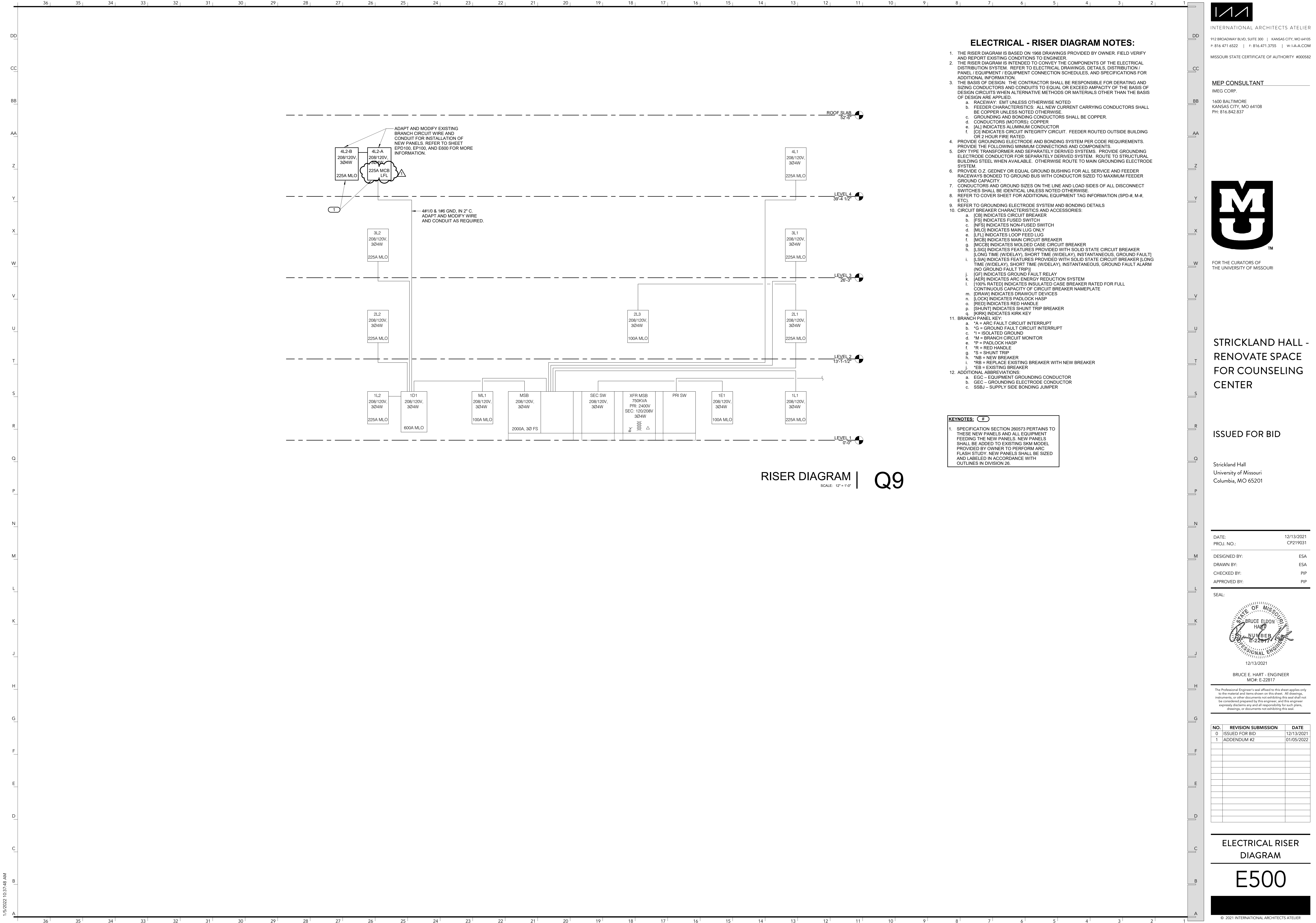
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| NO. | REVISION SUBMISSION | DATE |
|-----|---------------------|------------|
| 0 | ISSUED FOR BID | 12/13/2021 |
| 1 | ADDENDUM #1 | 12/23/2021 |
| 2 | ADDENDUM #2 | 01/05/2022 |

EY100





INTERNATIONAL ARCHITECTS ATELIER

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MISSOURI STATE CERTIFICATE OF AUTHORITY #000582

MEP CONSULTANT

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FOR THE CURATORS OF
THE UNIVERSITY OF MISSOURI

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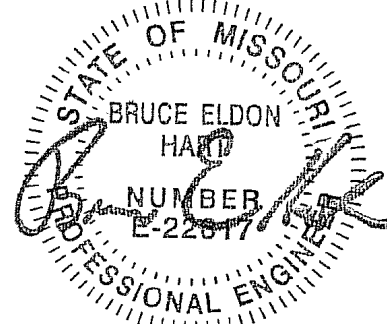
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APPROVED BY: PIP

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12/13/2021

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ELECTRICAL RISER
DIAGRAM

E500

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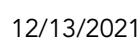
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ELECTRICAL SCHEDULES

E600

MOUNTING: SURFACE
ENCLOSURE: NEMA PB 1
FED FROM: 101
LOCATION: JAN 441

PANEL 412-A

SOLID NEUTRAL
FRED BUS

MAIN: 225A 250 MGB FL
VOLTS: 120/208 Wye
PHASE: 3
WIRE:

SCCR: PROVIDE PANEL RATING
ISC UNKNOWN WITH SPECIFIED STUDY

NOTES: FIELD VERIFY ALL EXISTING LOADS AND REPORT FINDINGS TO ENGINEER. PROVIDE WITH LOOP FEED LUGS. APPROXIMATELY 27 EXISTING CIRCUITS TO DISCONNECT AND RECONNECT TO PANEL. APPROXIMATELY 11 NEW CIRCUITS TO CONNECT TO PANEL.

| K E Y | CKT NO | LOAD DESCRIPTION | OCDP AMPS | P | H | WIRE SIZE N G | VD % | A | B | C | VD % | WIRE SIZE N H | OCDP AMPS | LOAD DESCRIPTION | CKT NO | K E Y | | | | | |
|---------------------|-----------|------------------------------|---------------|------------------|----|---|---------|----------|----------|----------|---------|---------------------|--------------|------------------------------|----------------------------|-------------|----|--|--|--|--|
| -- | 1 | REC ROOM 324 | 20 A | 1 | -- | -- | -- | 0 | 0 | | -- | -- | 1 | 20 A REC ROOM 324 | 2 | -- | | | | | |
| -- | 3 | REC ROOM 324 | 20 A | 1 | -- | -- | -- | | 0 | 0 | -- | -- | 1 | 20 A REC ROOM 324 | 4 | -- | | | | | |
| -- | 5 | REC ROOM 324 | 20 A | 1 | -- | -- | -- | | | 0 | 0 | -- | 1 | 20 A REC ROOM 324 | 6 | -- | | | | | |
| -- | 7 | REC ROOMS 448, 449, 451 | 20 A | 1 | -- | -- | -- | 0 | 0 | | -- | -- | 1 | 20 A LTS ROOMS 448, 449 | 8 | -- | | | | | |
| -- | 9 | REC ROOMS 449, 451, 452 | 20 A | 1 | -- | -- | -- | | 0 | 0 | -- | -- | 1 | 20 A LTS ROOMS 448, 451 | 10 | -- | | | | | |
| -- | 11 | REC ROOMS 448, 451, 452, 453 | 20 A | 1 | -- | -- | -- | | | 0 | 0 | -- | 1 | 20 A LTS ROOMS 443, 444 | 12 | -- | | | | | |
| -- | 13 | REC ROOMS 443, 454, 455, 456 | 20 A | 1 | -- | -- | -- | 0 | 0 | | -- | -- | 1 | 20 A LTS ROOMS 447, 450 | 14 | -- | | | | | |
| -- | 15 | REC ROOMS 435, 443, 444, 447 | 20 A | 1 | -- | -- | -- | | 0 | 0 | -- | -- | 1 | 20 A LTS ROOM 435 | 16 | -- | | | | | |
| -- | 17 | REC ROOMS 435, 444, 447, 450 | 20 A | 1 | -- | -- | -- | | | 0 | 0 | -- | 1 | 20 A LTS ROOM 435 | 18 | -- | | | | | |
| -- | 19 | LTS | 20 A | 1 | -- | -- | -- | 0 | 0 | | -- | -- | 1 | 20 A REC ROOM 435 | 20 | -- | | | | | |
| -- | 21 | EXISTING PENT VENT FAN | 20 A | 1 | -- | -- | -- | | 0 | 0 | -- | -- | 1 | 20 A REC ROOM 433 | 22 | -- | | | | | |
| -- | 23 | UNIT HEATER | 20 A | 1 | -- | -- | -- | | | 0 | 0 | -- | 1 | 20 A REC ROOM 420D | 24 | -- | | | | | |
| -- | 25 | REC ROOM 435 B AND C | 20 A | 1 | -- | -- | -- | 0 | 0 | | -- | -- | 3 | 20 A SPARE | 26 | -- | | | | | |
| -- | 27 | EXISTING LOAD | 20 A | 1 | -- | -- | -- | | 0 | 0 | -- | -- | -- | -- | 28 | -- | | | | | |
| -- | 29 | EXISTING LOAD | 20 A | 1 | -- | -- | -- | | | | 0 | 0 | -- | -- | 30 | -- | | | | | |
| -- | 31 | CARD ACCESS PANEL | 20 A | 1 | 12 | 12 | 12 | 0.18 | 0.18 | | 12 | 12 | 1 | 20 A COPIER RECEPTION 435 | 32 | -- | | | | | |
| -- | 33 | TVS GROUP THERAPY | 20 A | 1 | 12 | 12 | 12 | | 0.54 | 0.36 | 12 | 12 | 1 | 20 A WORK STNS REC 435 | 34 | -- | | | | | |
| -- | 35 | TV ROOMS 435, 435C, 452 | 20 A | 1 | 12 | 12 | 12 | | | 0.54 | 0.18 | 12 | 12 | 1 | 20 A EWIC CORR C401 | 36 | -- | | | | |
| -- | 37 | REC ROOMS 435, 435B, 435C | 20 A | 1 | 12 | 12 | 12 | 1.26 | 0 | | 12 | 12 | 1 | 20 A HAND DRYER RESTROOM 440 | 38 | -- | | | | | |
| -- | 39 | REC MEETING ROOM 452 | 20 A | 1 | 12 | 12 | 12 | | 0.72 | 0.18 | 12 | 12 | 1 | 20 A REC RESTROOM 440 | 40 | -- | | | | | |
| -- | 41 | SPARE | 20 A | 1 | -- | -- | -- | | | 0 | 0.54 | 12 | 12 | 1 | 20 A CAMERAS GROUP THERAPY | 42 | -- | | | | |
| Total Load: | | | | | | | | 1.98 kVA | 2.16 kVA | 1.44 kVA | | | | | | | | | | | |
| Total Amps: | | | | | | | | 17.19 | 18.69 | 12.00 | | | | | | | | | | | |
| LOAD SUMMARY | | | | | | | | | | | | | | | | | | | | | |
| LOAD CLASSIFICATION | | CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND | | TOTALS* | | | | | | | | | | | | | | | |
| Power | | 0 kVA | 0.00% | 0 kVA | | | | | | | | | | | | | | | | | |
| Receptacles | | 5.58 kVA | 100.00% | 5.58 kVA | | TOTAL CONNECTED LOAD: 5.58 kVA TOTAL ESTIMATED DEMAND LOAD: 5.58 kVA TOTAL CONNECTED AMPS: 15.49 A TOTAL ESTIMATED DEMAND AMPS: 15.5 A | | | | | | | | | | | | | | | |

*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:

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