



1 OVERALL FLOOR PLAN – ELECTRICAL

E1.0 SCALE: 1/16" = 1'-0"

TBB

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Bend-La Pine Schools SECURITY UPGRADES Lava Ridge Elementary

**20805 Cooley Road
Bend, Oregon 97701**

ISSUED:	DATE:
PERMIT SET / BID SET	02/14/18
<u>Δ</u> ADDENDUM #3	03/07/18
CONFORMANCE SET	03/28/18
<u>Δ</u> APR #4	04/09/18
AS-BUILT	09/04/18

JOB NUMBER:	1708
DRAWN BY:	CAW
CHECKED BY:	RLC

SHEET TITLE



OVERALL
FLOOR PLAN
ELECTRICAL

SHEET NUMBER

E1.0

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
'A'	LED (34W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE 0-10V DIMMING
'A2'	LED (41W)	LITHONIA OR APPROVED	VTL4 SERIES	TYPE :1 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE 0-10V DIMMING
'A3'	LED (47W)	LITHONIA OR APPROVED	VTL4 SERIES	TYPE :1 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4800 LUMEN 3500K COLOR TEMPERATURE
'A4'	LED (39W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4800 LUMEN 3500K COLOR TEMPERATURE 0-10V DIMMING
'A5'	LED (27W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 3000 LUMEN 3500K COLOR TEMPERATURE 0-10V DIMMING
'A6'	LED (34W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE
'A7'	LED (34W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE STEPPED DIMMING
'A8'	LED (41W)	LITHONIA OR APPROVED	VTL4 SERIES	TYPE :1 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE
'A9'	LED (39W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4800 LUMEN 3500K COLOR TEMPERATURE
'A10'	LED (39W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4800 LUMEN 3500K COLOR TEMPERATURE STEPPED DIMMING
'A11'	LED (27W)	LITHONIA OR APPROVED	2VTL4 SERIES	TYPE :2 X 4 INDIRECT LED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC LINEAR PRISMATIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 3000 LUMEN 3500K COLOR TEMPERATURE
'B'	LED (21W)	LITHONIA OR APPROVED	LDN7RV SERIES	TYPE :RETROFIT 7" LED DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :SEMI-SPECULAR FINISH VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 1500 LUMEN 3500K COLOR TEMPERATURE 0-10V DIMMING
'B2'	LED (21W)	LITHONIA OR APPROVED	LDN7RV SERIES	TYPE :RETROFIT 7" LED DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :SEMI-SPECULAR FINISH VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 1000 LUMEN 3500K COLOR TEMPERATURE
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'C'	LED (30W)	LITHONIA OR APPROVED	ZLID SERIES	TYPE :4' LED STRIPLIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :DROP LENS VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 3000 LUMEN 3500K COLOR TEMPERATURE
'D'	LED (35W)	LITHONIA OR APPROVED	STL4 SERIES	TYPE :4' LED WRAP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE
'F'	LED (19W)	LITHONIA OR APPROVED	WL4 SERIES	TYPE :4' LED BRACKET MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 2000 LUMEN 3500K COLOR TEMPERATURE

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'G'	LED (29W)	FINELITE OR APPROVED	HP4-ID SERIES	TYPE :4' LINEAR DIRECT / INDIRECT LED MOUNTING :AIRCRAFT CABLE HOUSING :ALUMINUM LENS/REFL :FLUSH LENS DOWN/GLOW OPTICS UP VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: FINISH SELECTED BY ARCHITECT 90 DEGREE CORNER CONNECTORS STANDARD UP/STANDARD DOWN OUTPUT 3500K COLOR TEMPERATURE EMERGENCY FEEDS PER PLAN
'H'	LED (146W)	LITHONIA OR APPROVED	IBH SERIES	TYPE :4' LED HIGHBAY MOUNTING :TONG HANGER BRACKET HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 18000 LUMEN 3500K COLOR TEMPERATURE MEDIUM DISTRIBUTION 360 DEGREE MOTION SENSOR
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'J'	LED (42W)	GOTHAM OR APPROVED	EVO SERIES	TYPE :8" CYLINDAR DOWNLIGHT MOUNTING :PENDANT HOUSING :ALUMINUM LENS/REFL :MEDIUM WIDE DISTRIBUTION VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 3000 LUMEN 3500K COLOR TEMPERATURE FINISH SELECTED BY ARCHITECT
'K'	LED (42W)	GOTHAM OR APPROVED	EVO SERIES	TYPE :8" CYLINDAR DOWNLIGHT MOUNTING :WALL MOUNT HOUSING :ALUMINUM LENS/REFL :MEDIUM WIDE DISTRIBUTION VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 2000 LUMEN 3500K COLOR TEMPERATURE FINISH SELECTED BY ARCHITECT
'L'	LED (32W)	LITHONIA OR APPROVED	ZTL4 SERIES	TYPE :2 X 4 LENSED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :#12 PRISMATIC ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE
'L2'	LED (21W)	LITHONIA OR APPROVED	TL4 SERIES	TYPE :1 X 4 LENSED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :#12 PRISMATIC ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 2000 LUMEN 3500K COLOR TEMPERATURE



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ELECTRICAL SYMBOL LIST
AND LIGHTING FIXTURE LIST

SHEET NUMBER

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LIGHTING FIXTURE LIST

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LIGHTING FIXTURE LIST

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'L'	LED (32W)	LITHONIA OR APPROVED	2TL4 SERIES	TYPE :2 X 4 LENSED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:#12 PRISMATIC ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 4000 LUMEN 3500K COLOR TEMPERATURE
'L2'	LED (21W)	LITHONIA OR APPROVED	TL4 SERIES	TYPE :1 X 4 LENSED TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:#12 PRISMATIC ACRYLIC VOLTAGE :277V BALLAST :LED DRIVER	PROVIDE WITH: 2000 LUMEN 3500K COLOR TEMPERATURE

ELECTRICAL SYMBOLS LIST

LIGHTING SYMBOLS

- LIGHT FIXTURE, RECESSED
 LIGHT FIXTURE, RECESSED – UNSWITCHED EMERGENCY
 LIGHT FIXTURE, SURFACE MOUNT
 LIGHT FIXTURE, SURFACE MOUNT – UNSWITCHED EMERGENCY
 LIGHT FIXTURE, STRIP
 LIGHT FIXTURE, STRIP – UNSWITCHED EMERGENCY
 DOWNLIGHT FIXTURE, RECESSED
 DOWNLIGHT FIXTURE, RECESSED – UNSWITCHED EMERGENCY
 DOWNLIGHT FIXTURE, RECESSED, WALLWASH
 LIGHT FIXTURE, WALL MOUNT
 LIGHT FIXTURE, CEILING MOUNT
 RECESSED LIGHT FIXTURE, WALL MOUNT
 LIGHT FIXTURE, WALL MOUNT
 LIGHT FIXTURE, WALL SCONCE
 LIGHT FIXTURE, TRACK W/ HEADS AS SHOWN ON PLAN
 EXIT SIGN, UNIVERSAL MOUNT, W/ DIRECTIONAL ARROW
 EXIT SIGN, WALL MOUNT, +8'-0" A.F.F.
 EMERGENCY LIGHT W/ BATTERY PACK, +8'-0" A.F.F.

SWITCH SYMBOLS

- | | |
|------|----------------------------|
| \$ | SWITCH, SPST +48" A.F.F. |
| \$3 | SWITCH, 3-WAY +48" A.F.F. |
| OS | DUAL-TECH OCCUPANCY SENSOR |
| PP | CONTROLS POWER PACK |
| \$6 | DIMMER STATION, 0-10V |
| \$30 | MULTI-WAY STATION, 0-10V |








WIRING SYMBOLS

- ## WIRING SYMBOLS
-
- Diagram illustrating various wiring symbols and their corresponding descriptions:
- 2A-9: PANEL & CIRCUIT NUMBER
 - #10: HOMERUN TO PANEL
 - CONDUCTOR SIZE (IF OTHER THAN #12)
 - PHASE CONDUCTOR
 - NEUTRAL CONDUCTOR
 - GROUND CONDUCTOR
 - CONCEALED CONDUIT
 - CONDUIT SIZE
 - 1-1/4" C: CONDUIT (UNDER SLAB OR FLOOR)
 - CONDUIT, STUBBED & CAPPED



ONE-LINE DIAGRAM SYMBOLS

-
- The diagram shows a single-line schematic. At the top left, a rectangular box is labeled "PANEL 'A'". A line with an arrow points from this box to a label "ELECTRICAL DISTRIBUTION PANELBOARD". Below this, a line with a semi-circular arc above it connects two dots. The arc is labeled "200/3". Below this line is the label "CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)".

POWER SYMBOLS

- | | |
|---|--|
|  | RECEPTACLE, DUPLEX +18" A.F.F. |
|  | RECEPTACLE, QUAD +18" A.F.F. |
|  | RECEPTACLE, DUPLEX, TAMPER-RESISTANT +18" A.F.F. |
|  | ELECTRICAL DISTRIBUTION PANEL |
|  | ELECTRICAL CONNECTION |
|  | DISCONNECT, FUSED |
|  | ELECTRICAL JUNCTION BOX |

NOTATIONS

-  DRAWING NOTE
 DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.

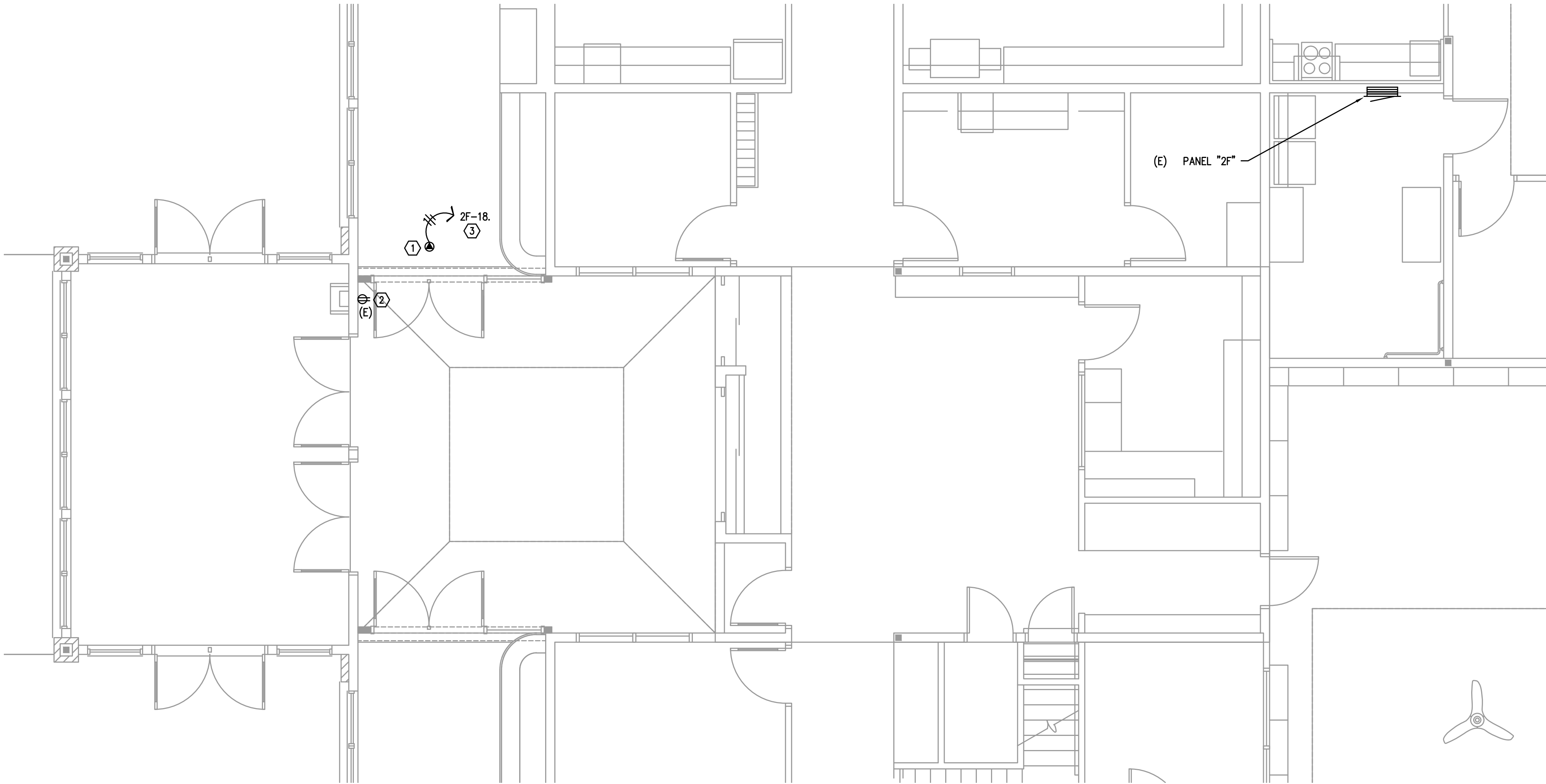
ABBREVIATIONS

- | 'A' | LIGHT FIXTURE TYPE (SEE FIXTURE LIST) |
|--------|---------------------------------------|
| CU | COPPER |
| (E) | EXISTING |
| G.F.I. | GROUND FAULT INTERRUPTER |
| GND | GROUND |
| MCB | MAIN CIRCUIT BREAKER |
| MLO | MAIN LUGS ONLY |
| PH | PHASE |
| W.P. | WEATHERPROOF |

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C:\Users\Brent.Turner\AppData\Local\Temp\AutoCAD\Bent-Lava Ridge Elementary\Bent-Lava Ridge Elementary.dwg, 04/09/18, 8:30am

PLAN NOTES

- ① DOOR CONTROLLER POWER SUPPLY CONNECTION.
COORDINATE EXACT LOCATION WITH DOOR
HARDWARE SPECIFICATIONS AND DOOR HARDWARE
SUPPLIER.
- ② EXISTING RECEPTACLE TO REMAIN.
- ③ CONNECT TO SPARE 20A/1P CIRCUIT BREAKER IN
EXISTING PANEL.



1 ENLARGED FLOOR PLAN – ELECTRICAL
E2.1 SCALE: 1/4" = 1'-0"

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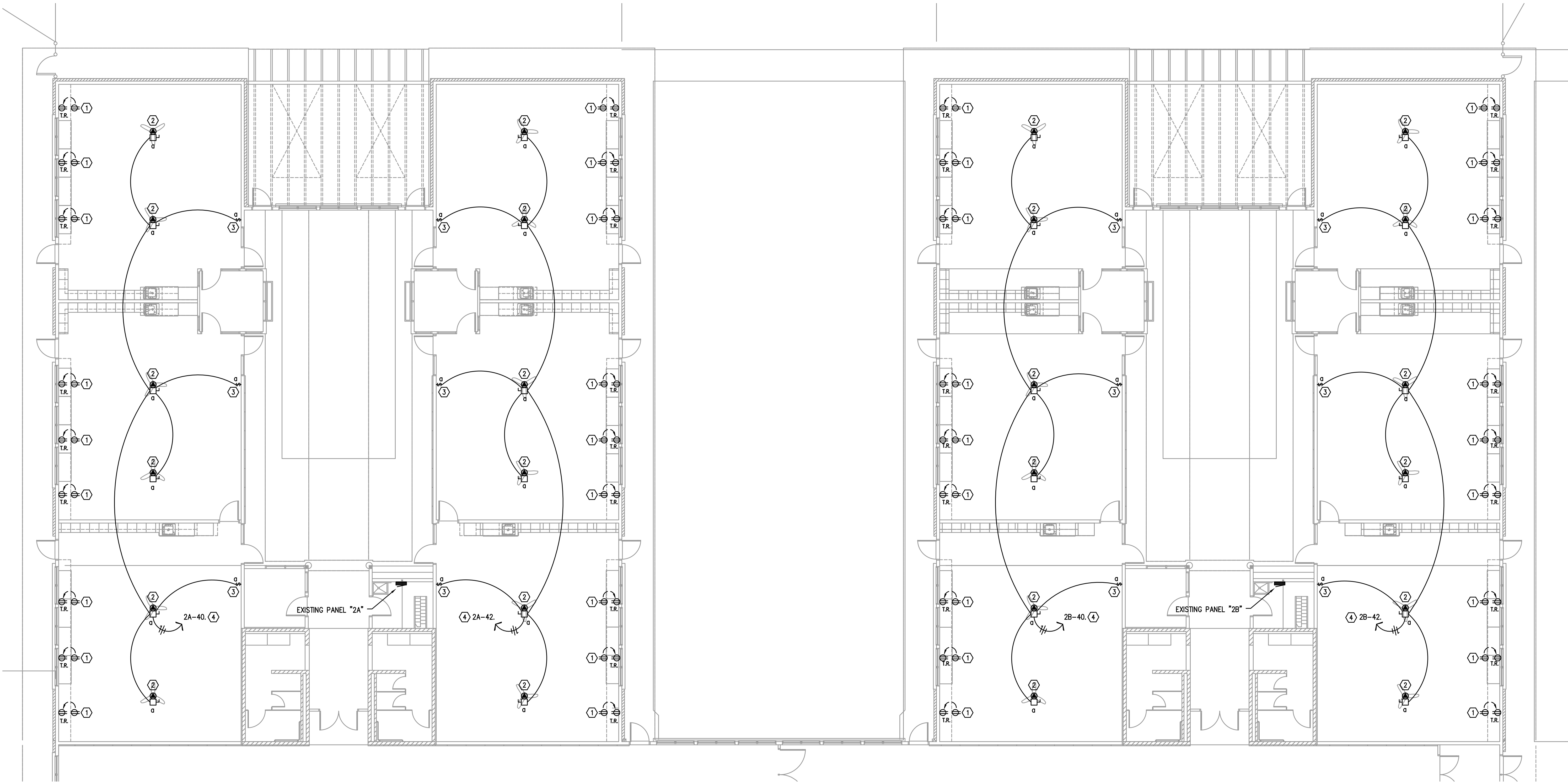
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11/14/18
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PLAN NOTES

- 1 EXISTING TOE-KICK RECEPTACLE TO BE REPLACED WITH NEW T.R. RECEPTACLE AND RELOCATED INTO WALL AS SHOWN. EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION AND RECONNECT. PROVIDE RECEPTACLE WITH NEW STAINLESS STEEL COVER PLATE. PATCH / REPAIR SHEETROCK AS REQUIRED.

2 CONNECTION FOR CEILING FAN/LIGHT UNIT. VERIFY REQUIREMENTS WITH SUPPLIER.
- 3 CEILING FAN/LIGHT UNIT CONTROL STATION. INSTALL ADJACENT TO EXISTING LIGHT SWITCH LOCATION. INSTALL WIRING PER MANUFACTURERS RECOMMENDATION TO CONTROL FAN/LIGHT UNITS SERVING THIS ROOM.

4 CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER.



1 ENLARGED FLOOR PLAN – POWER
E3.1 SCALE: 1/8" = 1'-0"

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POWER

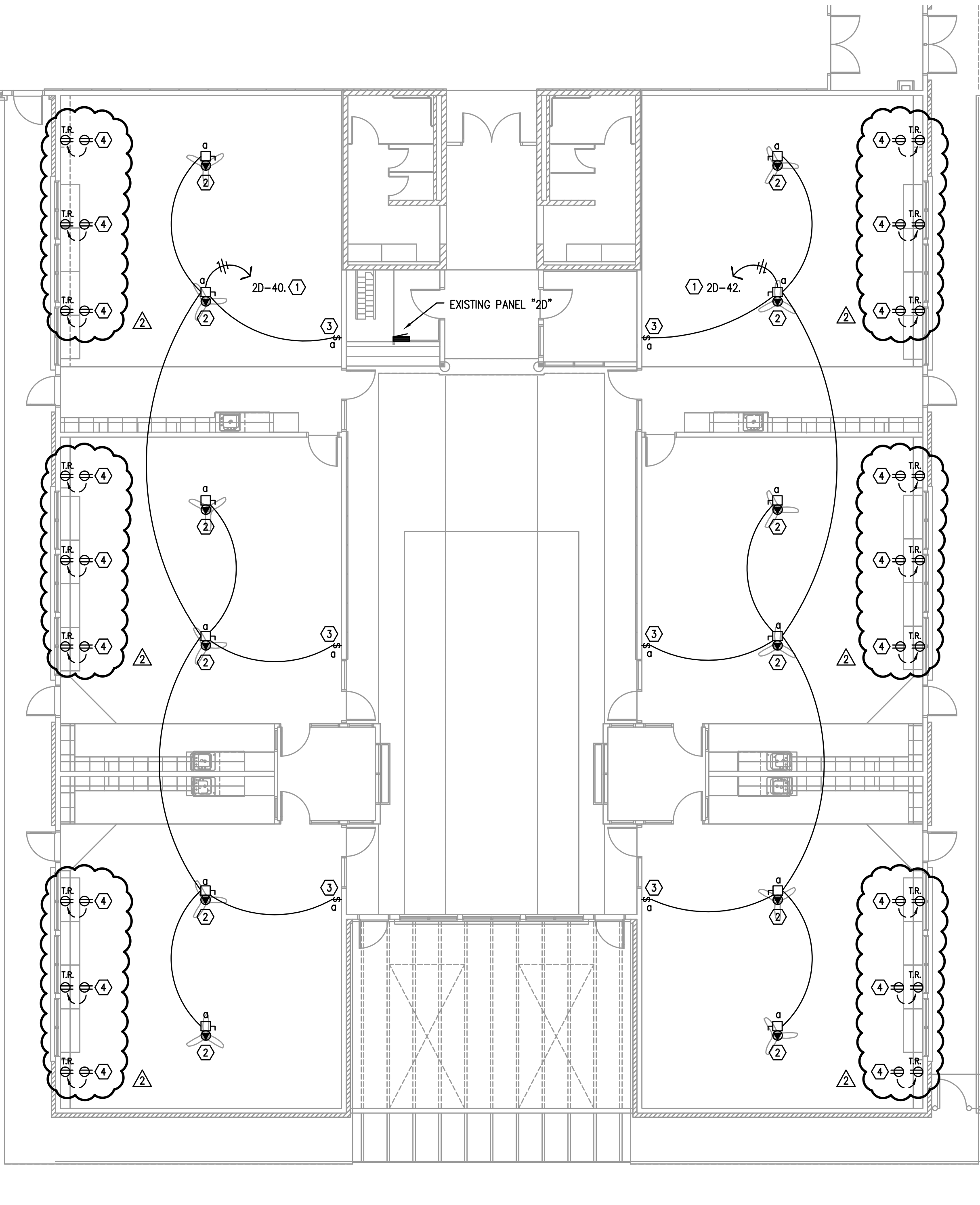
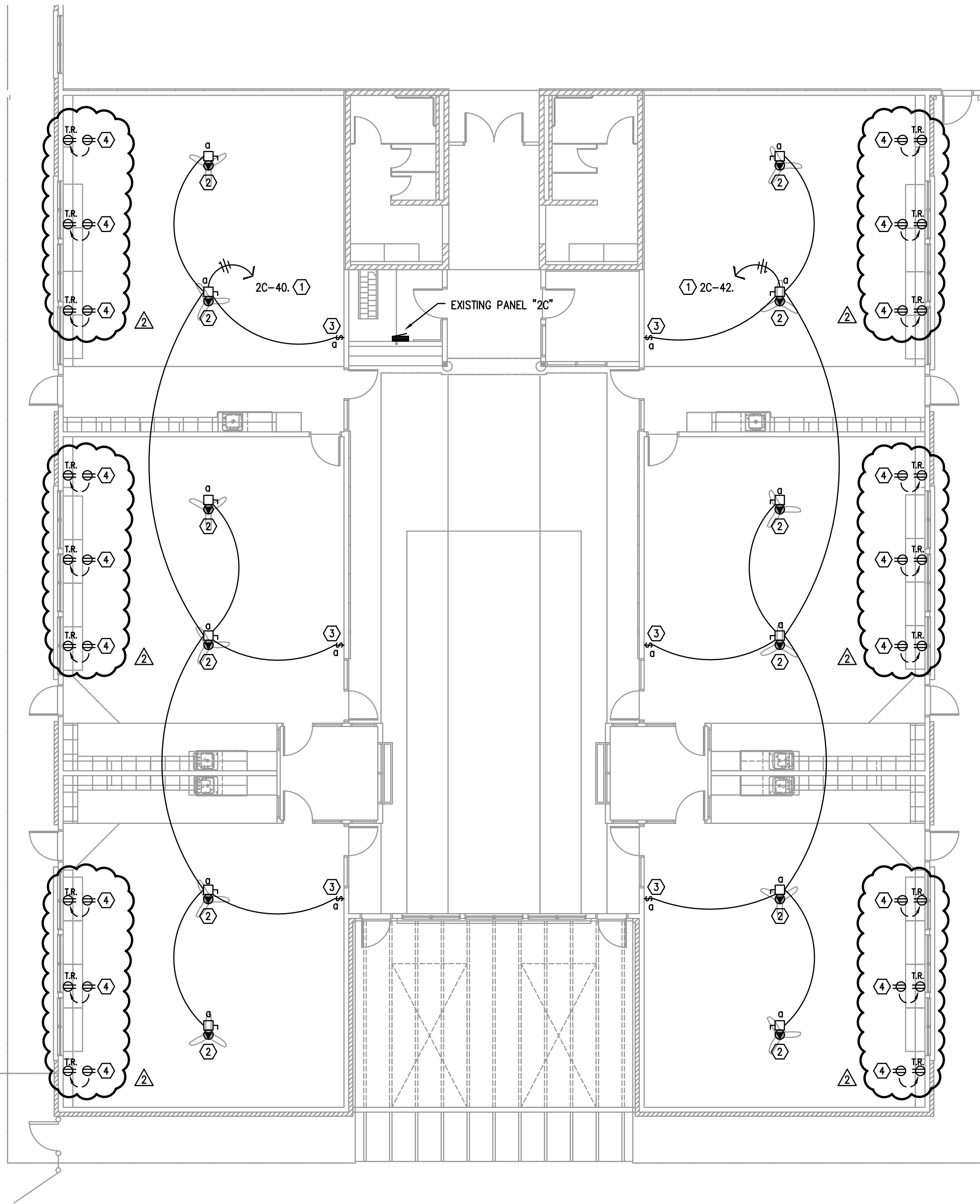
SHEET NUMBER
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AS-BUILT

PLAN NOTES

- 1 CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER.
- 2 CONNECTION FOR CEILING FAN/LIGHT UNIT. VERIFY REQUIREMENTS WITH SUPPLIER.
- 3 CEILING FAN/LIGHT UNIT CONTROL STATION. INSTALL ADJACENT TO EXISTING LIGHT SWITCH LOCATION. INSTALL WIRING PER MANUFACTURERS RECOMMENDATION TO CONTROL FAN/LIGHT UNITS SERVING THIS ROOM.

- 4 EXISTING TOE-KICK RECEPTACLE TO BE REPLACED WITH NEW T.R. RECEPTACLE AND RELOCATED INTO WALL AS SHOWN. EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION AND RECONNECT. PROVIDE RECEPTACLE WITH NEW STAINLESS STEEL COVER PLATE. PATCH / REPAIR SHEETROCK AS REQUIRED.



1 ENLARGED FLOOR PLAN — POWER
E3.2 SCALE: 1/8" = 1'-0"

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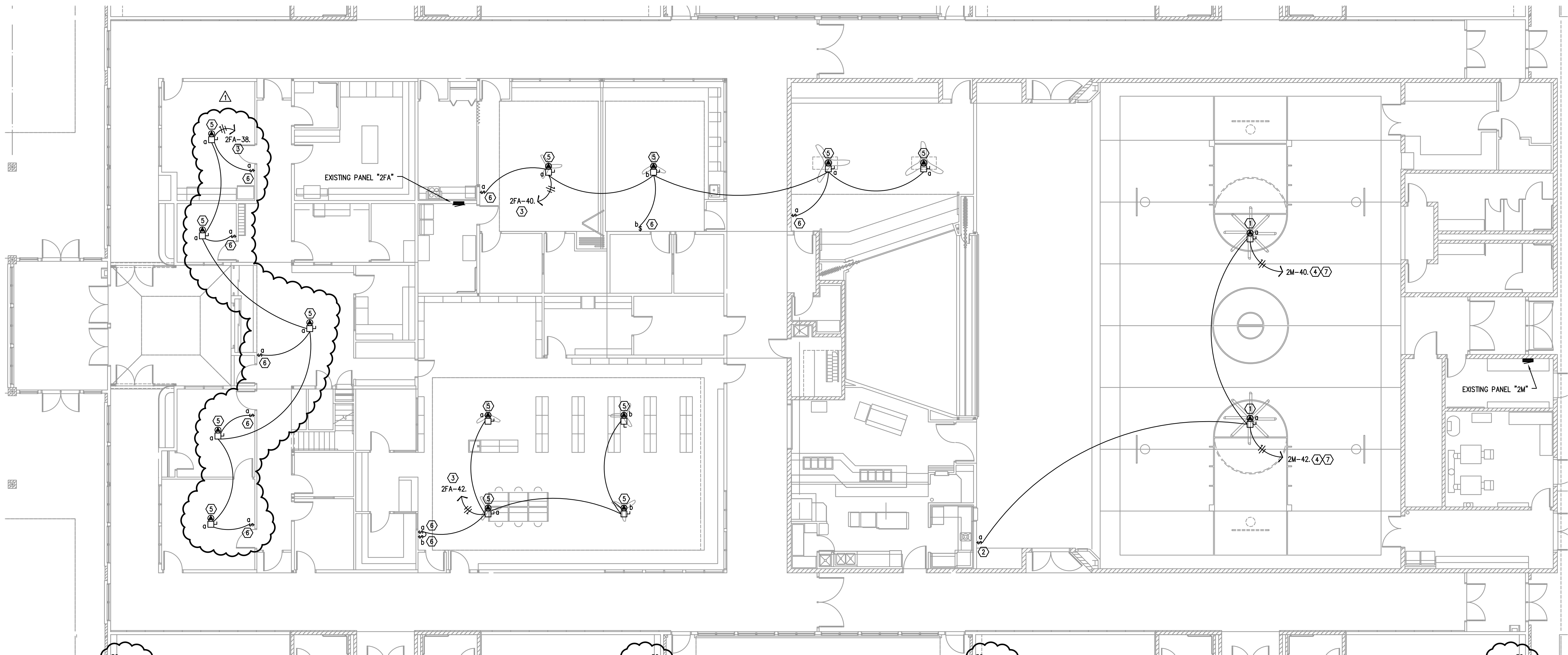
JOB NUMBER:	1708
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CHECKED BY:	RLC

SHEET TITLE
ENLARGED
FLOOR PLAN
POWER

SHEET NUMBER
E3.2

PLAN NOTES

- ① CONNECTION FOR CEILING FAN. VERIFY REQUIREMENTS WITH FAN SUPPLIER.
- ② CEILING FAN SYSTEM CONTROL STATION. INSTALL ADJACENT TO EXISTING LIGHT SWITCH LOCATION. INSTALL CONTROL CABLE PER MANUFACTURERS RECOMMENDATION TO CONTROL FANS SERVING THIS ROOM.
- ③ CONNECT TO EXISTING SPARE 20A/1P CIRCUIT BREAKER.
- ④ INSTALL 20A/1P CIRCUIT BREAKER IN EXISTING PANEL SPACE.
- ⑤ CONNECTION FOR CEILING FAN/LIGHT UNIT. VERIFY REQUIREMENTS WITH SUPPLIER.
- ⑥ CEILING FAN/LIGHT UNIT CONTROL STATION. INSTALL ADJACENT TO EXISTING LIGHT SWITCH LOCATION. INSTALL WIRING PER MANUFACTURERS RECOMMENDATION TO CONTROL FAN/LIGHT UNITS SERVING THIS ROOM.
- ⑦ ROUTE BRANCH CIRCUIT VIA FIRE ALARM MODULE. SEE LOW-VOLTAGE DRAWINGS.





1 ENLARGED FLOOR PLAN – POWER
E3.3 SCALE: 1/8" = 1'-0"

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SHEET TITLE

ENLARGED
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POWER

HEET NUMBER

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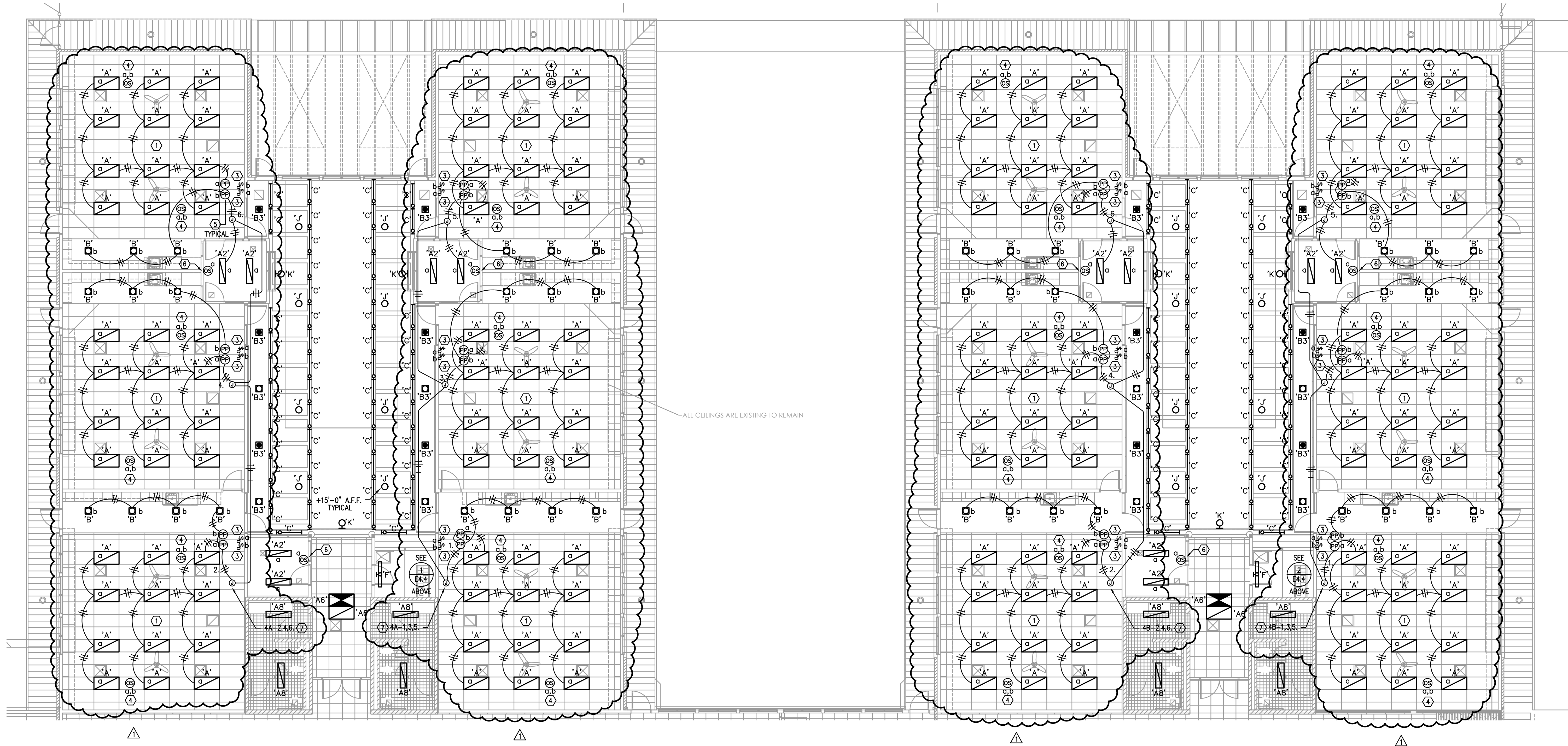
GENERAL NOTES

- A. ALL EXISTING INTERIOR LIGHTING FIXTURES TO BE REPLACED ONE-FOR-ONE WITH FIXTURE TYPES INDICATED.
- B. EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) TO BE REMOVED AND REPLACED WITH MC CABLE. SEE AS-BUILT REFERENCE SHEETS FOR ADDITIONAL INFORMATION.

PLAN NOTES

- ① EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) IN THIS ROOM TO BE REPLACED WITH MC CABLE.
- ② NOT USED.
- ③ REMOVE EXISTING CONTROL SWITCHES. INSTALL NEW 0-10V DIMMER. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
DIMMER: SENSOR SWITCH "SPDM-D" SERIES.
- ④ DUAL-TECH CEILING OCCUPANCY SENSOR. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR: SENSOR SWITCH "CM-PDT-9" SERIES.
- ⑤ CONTROLS POWER PACK. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
POWER PACK: SENSOR SWITCH "PP-20" SERIES.
- ⑥ REMOVE EXISTING CONTROL SWITCH. INSTALL NEW DUAL-TECH WALL OCCUPANCY SENSOR WITH INTEGRAL 0-10V DIMMING. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR/DIMMER: SENSOR SWITCH "WSX-PDT-D" SERIES.

- ⑦ INTERCEPT EXISTING HOMERUN AND RE-CIRCUIT LIGHTING AS INDICATED.



1
E4.1 ENLARGED FLOOR PLAN - LIGHTING
SCALE: 1/8" = 1'-0"

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SHEET TITLE
ENLARGED
FLOOR PLAN
LIGHTING

SHEET NUMBER

E4.1

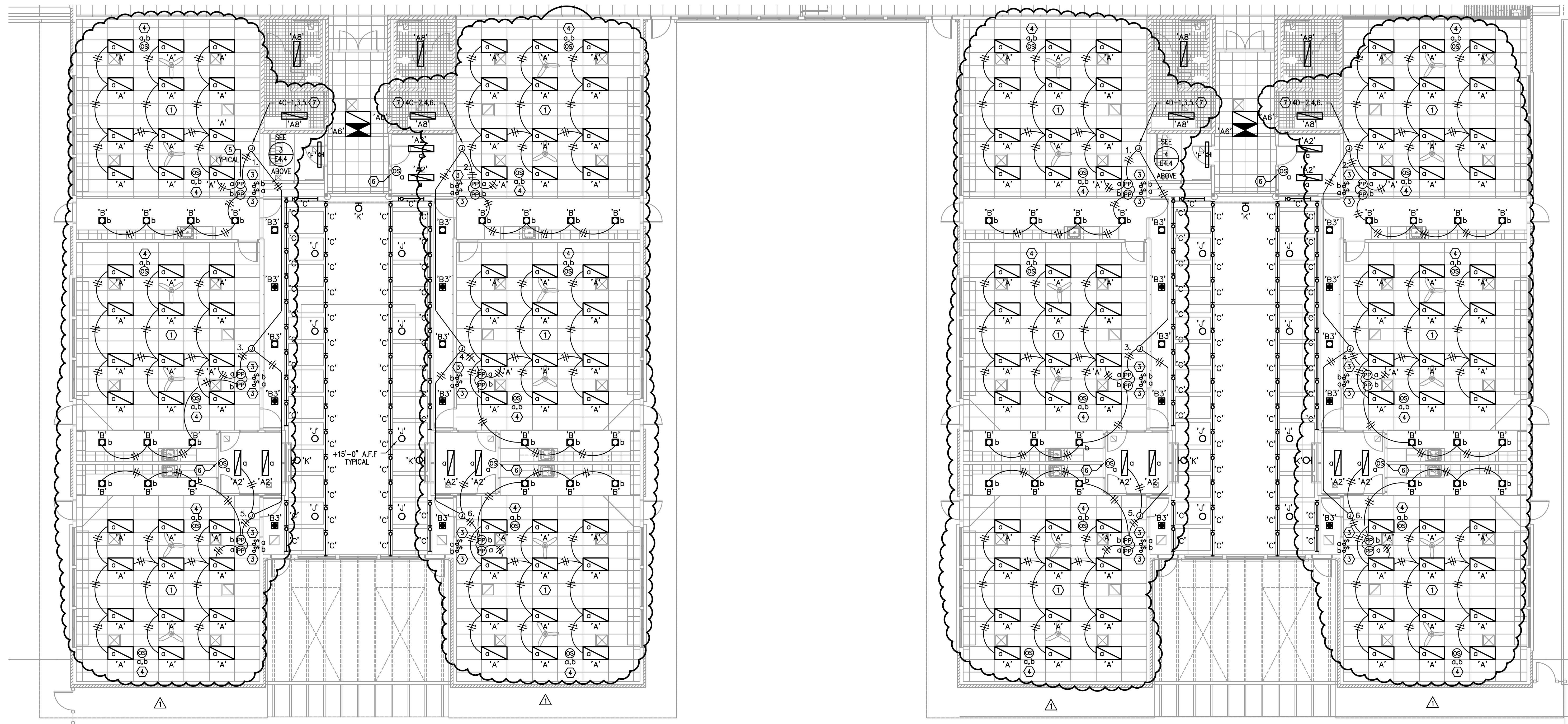
PLAN NOTES

- B. EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) TO BE REMOVED AND REPLACED WITH MC CABLE. SEE AS-BUILT REFERENCE SHEETS FOR ADDITIONAL INFORMATION.

- ① EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) IN THIS ROOM TO BE REPLACED WITH MC CABLE.
- ② NOT USED.
- ③ REMOVE EXISTING CONTROL SWITCHES. INSTALL NEW 0-10V% DIMMER. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
DIMMER: SENSOR SWITCH "SPODM-D" SERIES.

- 4 DUAL-TECH CEILING OCCUPANCY SENSOR. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR: SENSOR SWITCH "CM-PDT-9" SERIES.
- 5 CONTROLS POWER PACK. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
POWER PACK: SENSOR SWITCH "PP-20" SERIES.
- 6 REMOVE EXISTING CONTROL SWITCH. INSTALL NEW DUAL-TECH WALL OCCUPANCY SENSOR WITH INTEGRAL 0-10V DIMMING. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR/DIMMER: SENSOR SWITCH "WSX-PDT-D" SERIES.

- 7 INTERCEPT EXISTING HOMERUN AND RE-CIRCUIT LIGHTING AS INDICATED.



1 ENLARGED FLOOR PLAN – LIGHTING
E4.2 SCALE: 1/8" = 1'-0"

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SHEET TITLE

ENLARGED
FLOOR PLAN
LIGHTING

SHEET NUMBER

E4.2

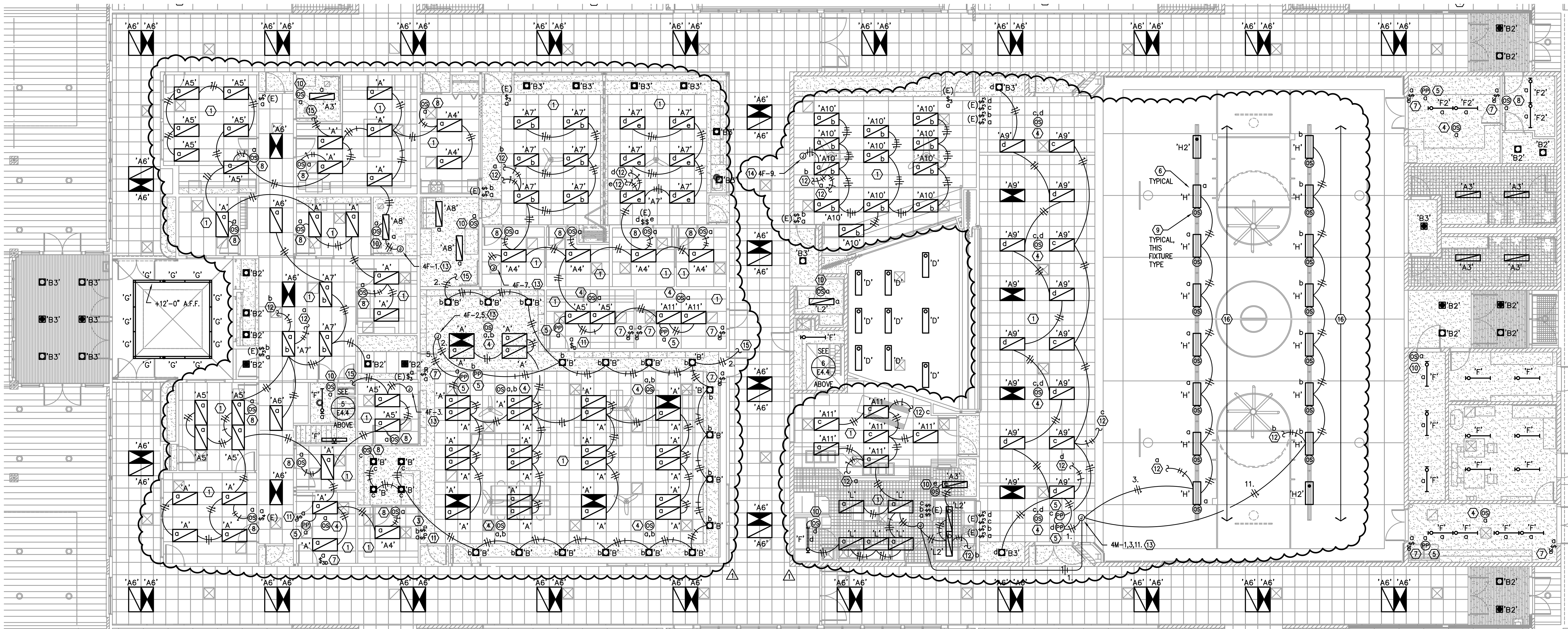
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GENERAL NOTES

- A. ALL EXISTING INTERIOR LIGHTING FIXTURES TO BE REPLACED ONE-FOR-ONE WITH FIXTURE TYPES INDICATED.
- B. EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) TO BE REMOVED AND REPLACED WITH MC CABLE. SEE AS-BUILT REFERENCE SHEETS FOR ADDITIONAL INFORMATION.

PLAN NOTES

- 1 EXISTING PREMANUFACTURED WIRING SYSTEM (RELOC) IN THIS ROOM TO BE REPLACED WITH MC CABLE.
- 2 NOT USED.
- 3 REMOVE EXISTING CONTROL SWITCHES. INSTALL NEW 0-10V DIMMER. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
DIMMER: SENSOR SWITCH "SP00M-D" SERIES.
- 4 DUAL-TECH CEILING OCCUPANCY SENSOR. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR: SENSOR SWITCH "CM-PDT-9" SERIES.
- 5 CONTROLS POWER PACK. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
POWER PACK: SENSOR SWITCH "PP-20" SERIES.
- 6 MOUNT FIXTURE ON EXISTING STRUT SUPPORT.
- 7 REMOVE EXISTING CONTROL SWITCH. INSTALL MULTI-WAY CONTROL SWITCH. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
MULTI-WAY SWITCH: SENSOR SWITCH "SP00M-3X" SERIES.
- 8 REMOVE EXISTING CONTROL SWITCH. INSTALL NEW DUAL-TECH WALL OCCUPANCY SENSOR WITH INTEGRAL 0-10V DIMMING. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
OCCUPANCY SENSOR/DIMMER: SENSOR SWITCH "WSX-PDT-D" SERIES.
- 9 OCCUPANCY SENSOR PROVIDED WITH LIGHTING FIXTURE.
- 10 REMOVE EXISTING CONTROL SWITCH. INSTALL NEW SINGLE-RELAY DUAL-TECH WALL OCCUPANCY SENSOR. OCCUPANCY SENSOR: SENSOR SWITCH "WSX-PDT" SERIES.
- 11 REMOVE EXISTING CONTROL SWITCHES. INSTALL NEW 0-10V DIMMER. INSTALL CONTROL CABLE PER MANUFACTURERS REQUIREMENTS TO CONTROL FIXTURES AS INDICATED.
DIMMER: SENSOR SWITCH "SP00M-3X-D" SERIES.
- 12 TO EXISTING CONTROL SWITCH.
- 13 INTERCEPT EXISTING HOMERUN AND RE-CIRCUIT LIGHTING AS INDICATED.
- 14 INTERCEPT EXISTING UNSWITCHED LIGHTING BRANCH CIRCUIT AND RE-CIRCUIT LIGHTING AS INDICATED.
- 15 RECONNECT TO EXISTING BRANCH CIRCUIT WIRING.
- 16 ALL EXISTING GYMNASIUM LIGHTING FIXTURES TO BE SALVAGED TO THE SCHOOL DISTRICT.



1 ENLARGED FLOOR PLAN - LIGHTING
E4.3 SCALE: 1/8" = 1'-0"

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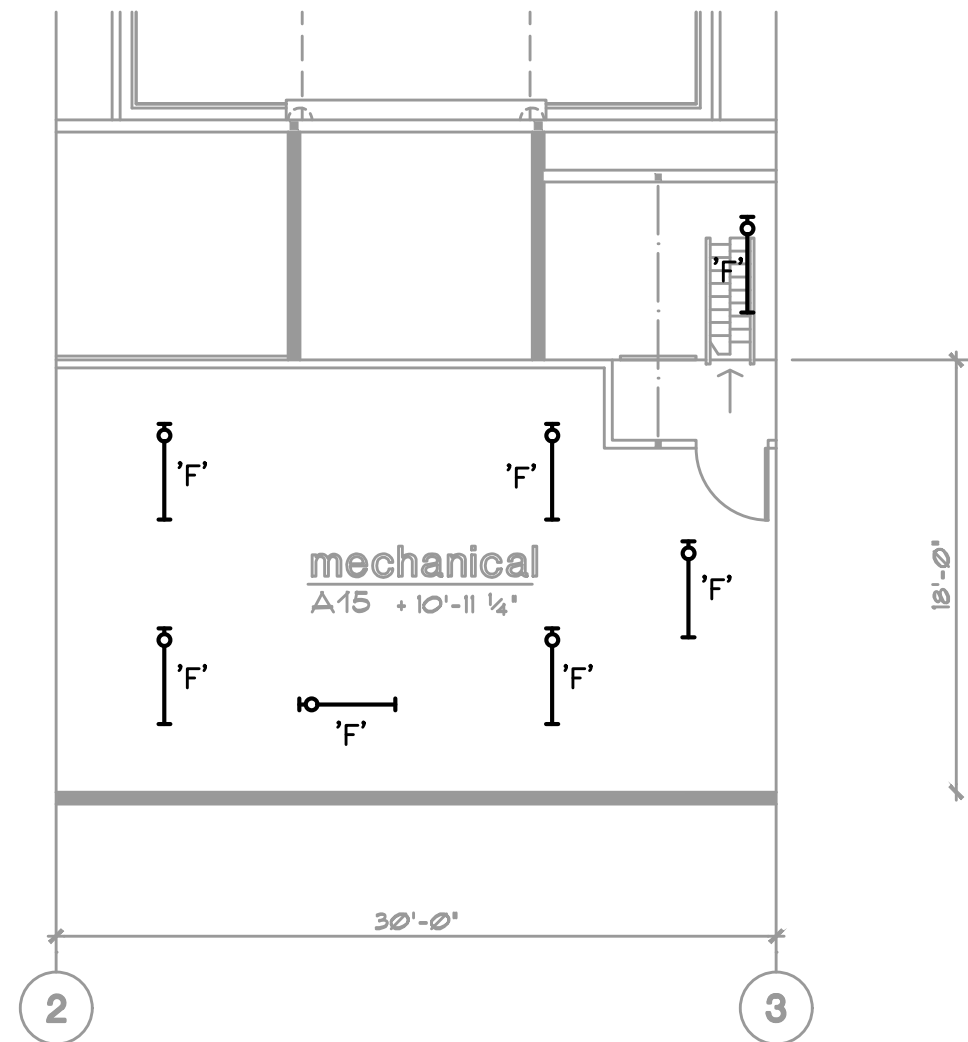
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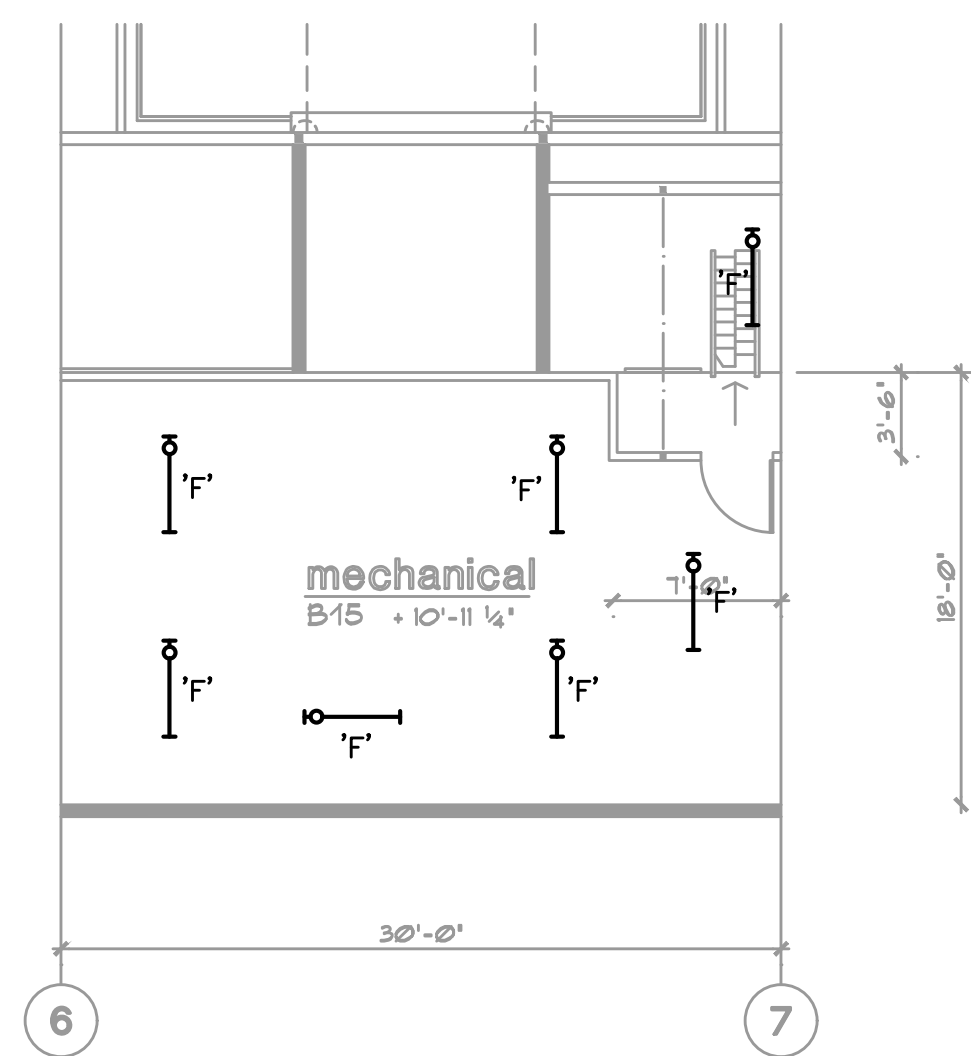
SHEET TITLE
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FLOOR PLAN
LIGHTING

SHEET NUMBER
E4.3

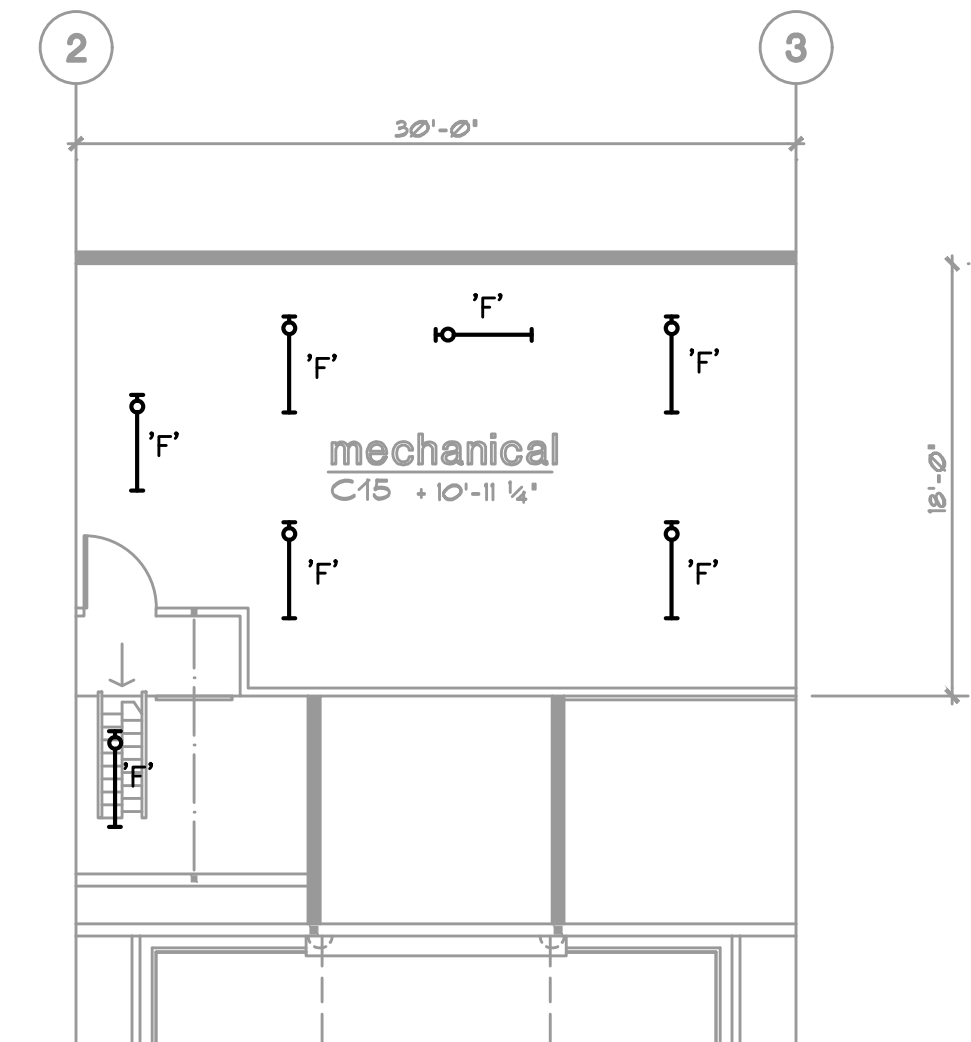
A. ALL EXISTING INTERIOR LIGHTING FIXTURES TO BE REPLACED ONE-FOR-ONE WITH FIXTURE TYPES INDICATED. MODIFY EXISTING BRANCH CIRCUITING AS REQUIRED TO CONNECT NEW LIGHTING FIXTURES.



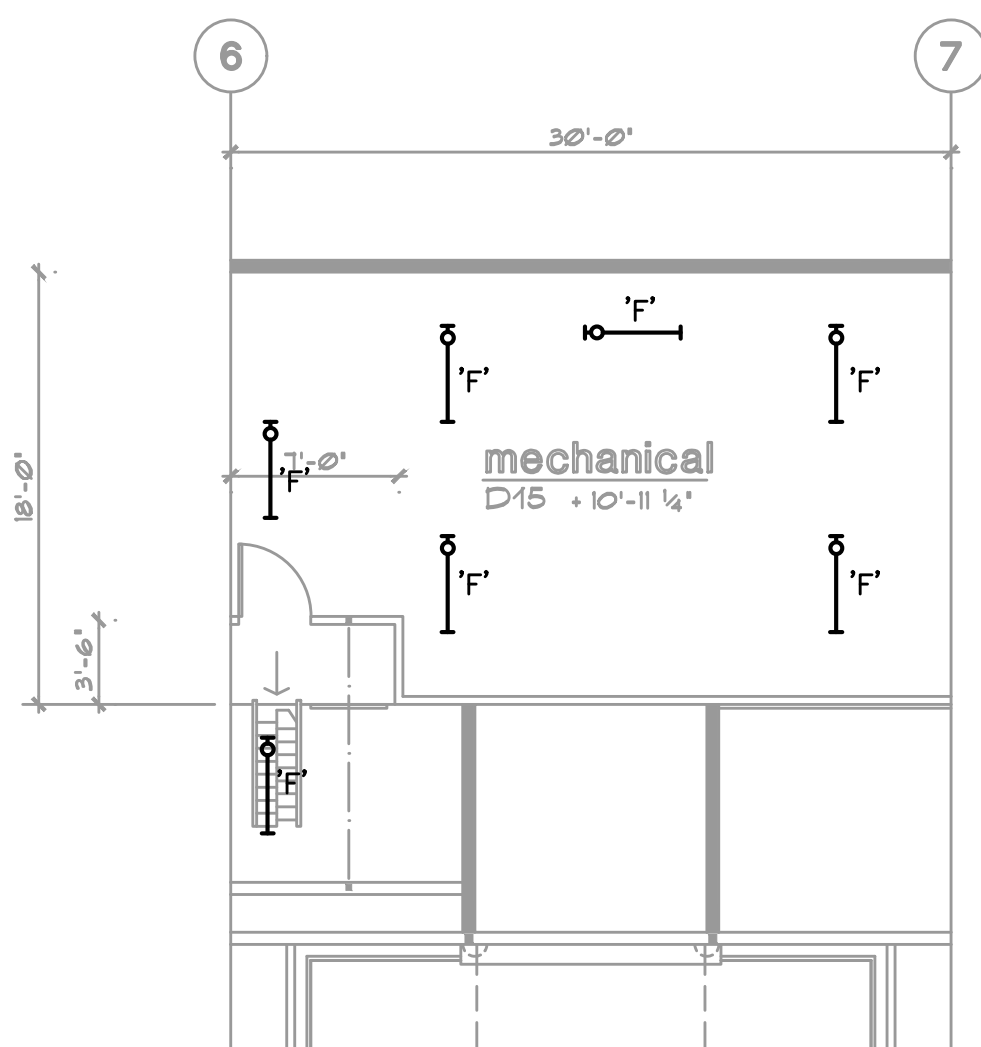
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E4.4 SCALE: 1/8" = 1'-0"



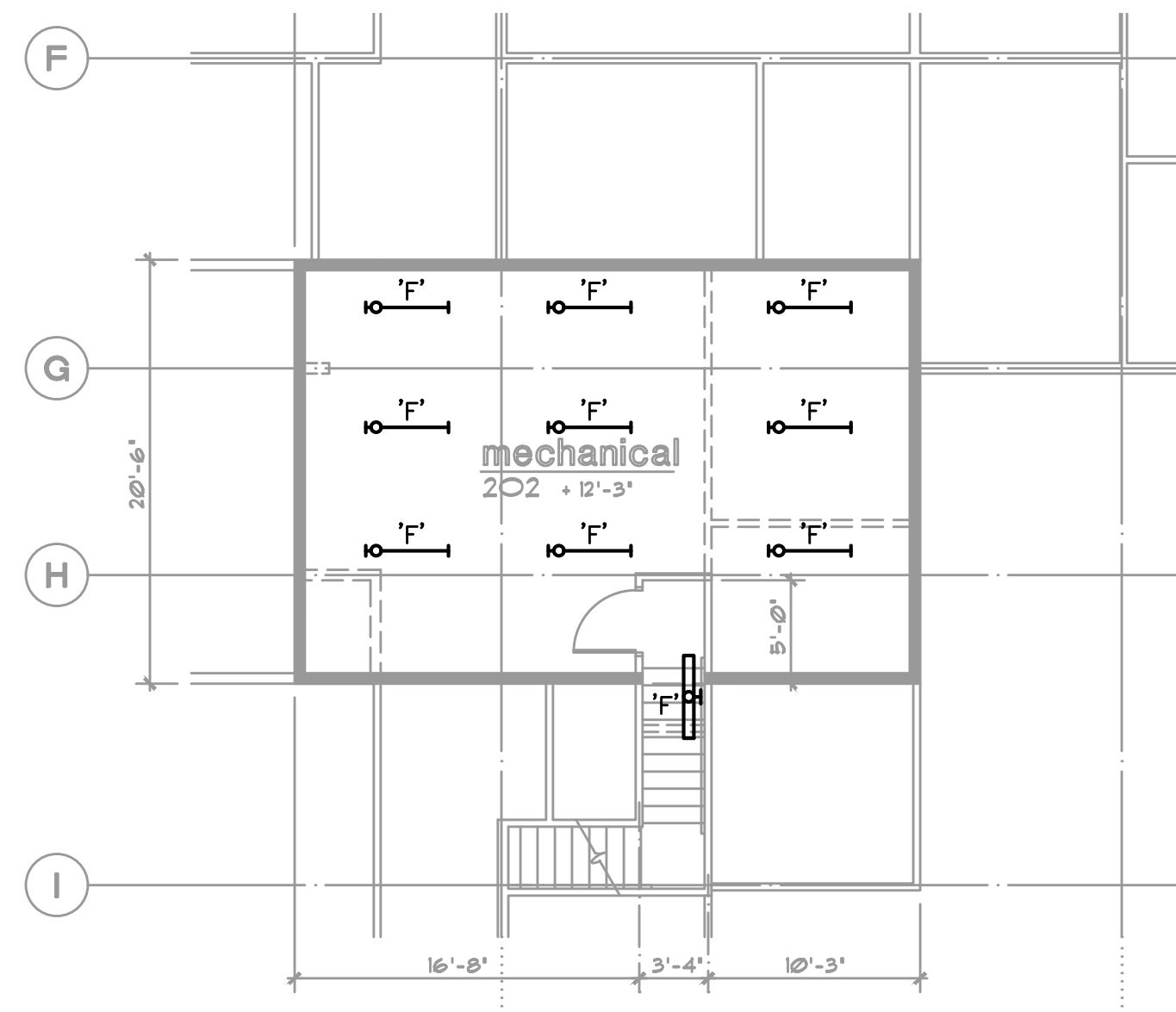
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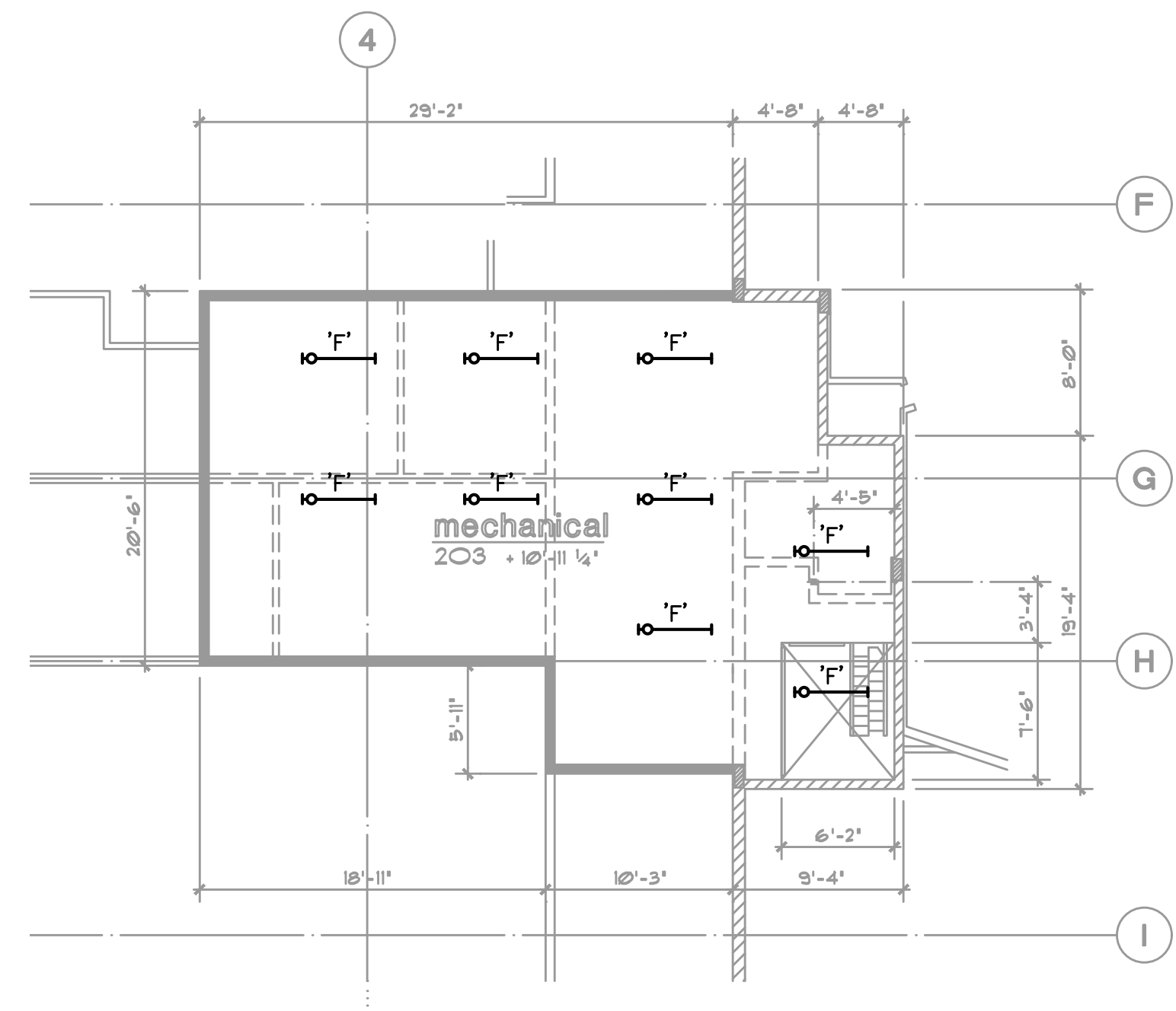
3 ENLARGED MECHANICAL LOFT PLAN – LIGHTING
E4.4 SCALE: 1/8" = 1'-0"



4 ENLARGED MECHANICAL LOFT PLAN - LIGHTING
E4.4 SCALE: 1/8" = 1'-0"



5 ENLARGED MECHANICAL LOFT PLAN - LIGHTING
E4.4 SCALE: 1/8" = 1'-0"



6 E4.4 ENLARGED MECHANICAL LOFT PLAN – LIGHTING SCALE: 1/8" = 1'-0"

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ENLARGED
LOFT PLANS
LIGHTING

E4.4