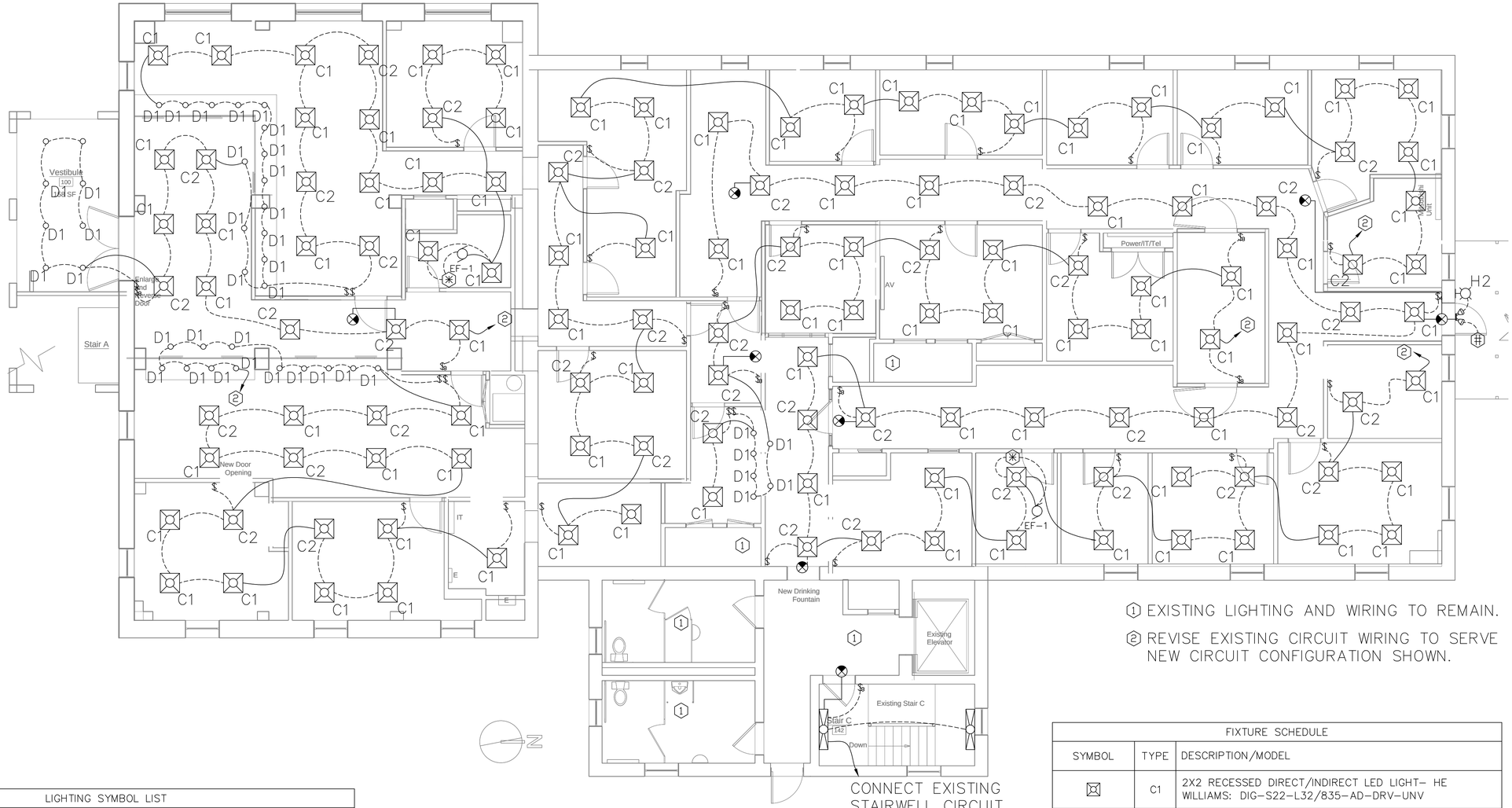


1 EXISTING LIGHTING AND WIRING TO REMAIN.

2 REVISE EXISTING CIRCUIT WIRING TO SERVE NEW CIRCUIT CONFIGURATION SHOWN.

1 FIRST FLOOR LIGHTING PLAN
E1.1 3/16" = 1'-0"

| LIGHTING SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH CIRCUIT AND PANEL SERVES THE JUNCTION BOX OR OUTLET. | |
| SYMBOL | DESCRIPTION |
| $ | WALL SWITCH, 3 DENOTES 3-WAY OPERATION, 4 DENOTES 4-WAY OPERATION, D DENOTES FIXTURE COMPATIBLE DIMMER SWITCH, FAN DENOTES FAN COMPATIBLE SWITCH. ADA MOUNTING HEIGHT. |
| | WALL SWITCH DUAL TECHNOLOGY OCCUPANCY SENSOR WITH PROGRAMMABLE DELAY. ADA MOUNTING HEIGHT. |
| | PHOTOCELL SENSOR |
| | DASHED LINE REPRESENTS SWITCHED WIRING BETWEEN FIXTURES IN A SWITCHED GROUP. CONTAINS SWITCHED CONDUCTORS AND DIMMING CONTROL WIRES (0-10V) FOR DIMMING CIRCUITS. MAY ALSO CONTAIN UN-SWITCHED CONDUCTORS FOR CIRCUIT CONTINUATION OR EMERGENCY LIGHTING. |
| | UN-SWITCHED WIRING. |
| EF | EXHAUST FAN |

| FIXTURE SCHEDULE | | |
|---|---|---|
| SYMBOL | TYPE | DESCRIPTION/MODEL |
| | C1 | 2X2 RECESSED DIRECT/INDIRECT LED LIGHT- HE WILLIAMS: DIG-S22-L32/835-AD-DRV-UNV |
| | C2 | 2X2 RECESSED DIRECT/INDIRECT EMERGENCY LED LIGHT- HE WILLIAMS: DIG-S22-L32/825-AD-EM/10W-DIM-UNV |
| | D1 | LED 6" ROUND DOWN LIGHT- HE WILLIAMS: 6DR-TL-L20/835-DIM-UNV-RW-OF-WH-N-FL |
| | H2 | DECORATIVE LED EMERGENCY LIGHT- HE WILLIAMS: EMER/DECO-DBR-D |
| | S1 | LED WALL MOUNT LIGHT WITH EMERGENCY BACKUP- HE WILLIAMS: SLF-4-L26/835-HIA-EM/10W-DIM-UNV |
| | | WALL PACK-MINI LED- HE WILLIAMS: WPM-L8/750-DRV-UNV |
| | | RECESSED EDGE-LIT LED EXIT SIGN- HE WILLAIMS: EXIT/RECESSED-SF-R-WH-WHT-EM-SDT-D |
| | | LED EMERGENCY LIGHT- HE WILLIAMS: EMER/LED-WHT-SDT-D |

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16 NOV 2007
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Drawing Title
FIRST FLOOR LIGHTING PLANS

Issue/Revision Seal
BID SET
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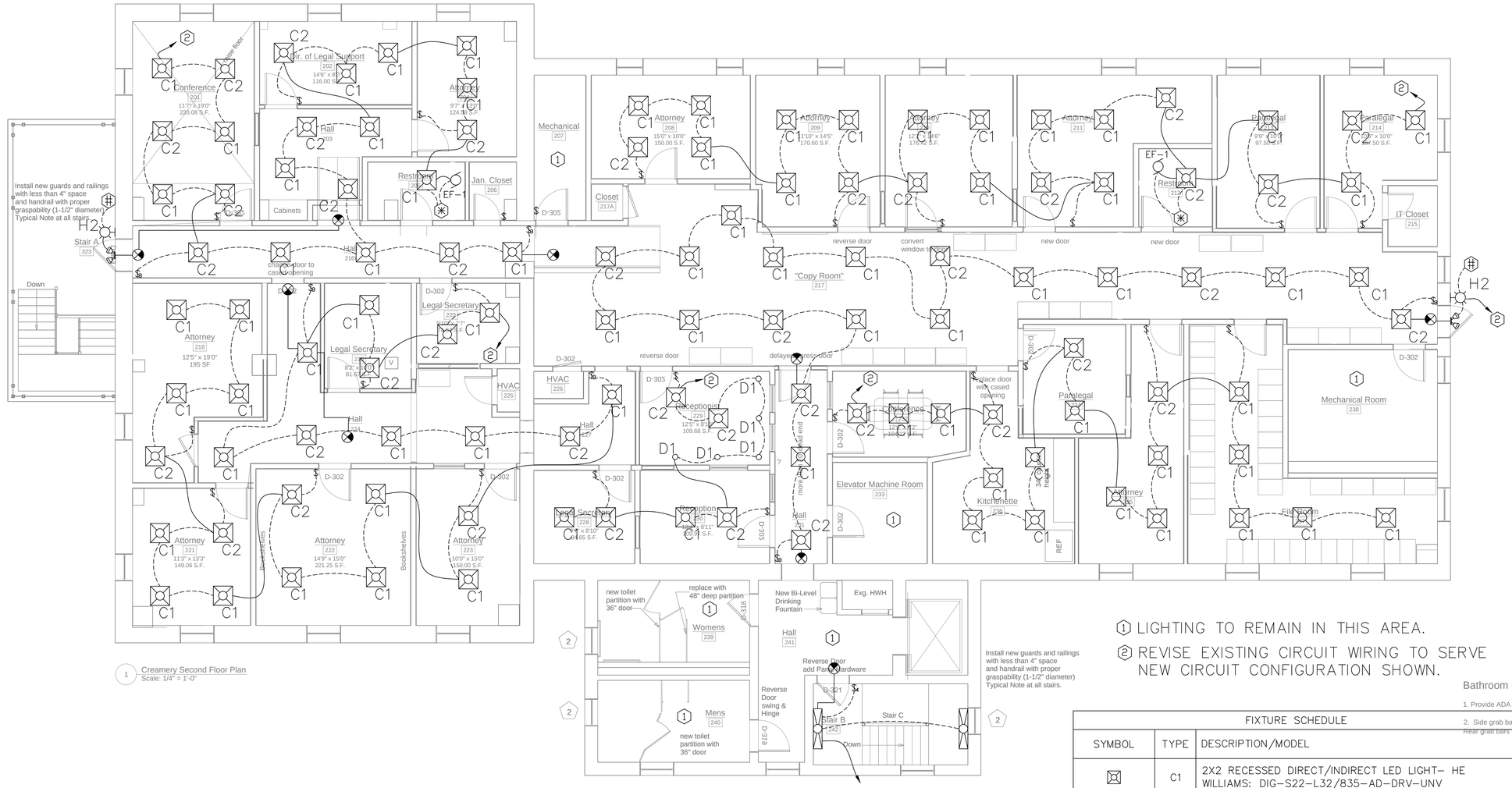
Date 4/19/2019
Scale: As Noted Project Number: 18545
Drawing Number CDI Project No: E1923
E1.1




1 Creamery Second Floor Plan
Scale: 1/4" = 1'-0"




Install new guards and railings with less than 4" space and handrail with proper graspability (1-1/2" diameter) Typical Note at all stairs.

CONNECT EXISTING STAIRWELL CIRCUIT.

1 LIGHTING TO REMAIN IN THIS AREA.

2 REVISE EXISTING CIRCUIT WIRING TO SERVE NEW CIRCUIT CONFIGURATION SHOWN.

1 SECOND FLOOR LIGHTING PLAN
E1.2 3/16" = 1'-0"

| LIGHTING SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH CIRCUIT AND PANEL SERVES THE JUNCTION BOX OR OUTLET. | |
| SYMBOL | DESCRIPTION |
| $ | WALL SWITCH, 3 DENOTES 3-WAY OPERATION, 4 DENOTES 4-WAY OPERATION, D DENOTES FIXTURE COMPATIBLE DIMMER SWITCH, FAN DENOTES FAN COMPATIBLE SWITCH. ADA MOUNTING HEIGHT. |
| | WALL SWITCH DUAL TECHNOLOGY OCCUPANCY SENSOR WITH PROGRAMMABLE DELAY. ADA MOUNTING HEIGHT. |
| | PHOTOCELL SENSOR |
| | DASHED LINE REPRESENTS SWITCHED WIRING BETWEEN FIXTURES IN A SWITCHED GROUP. CONTAINS SWITCHED CONDUCTORS AND DIMMING CONTROL WIRES (0-10V) FOR DIMMING CIRCUITS. MAY ALSO CONTAIN UN-SWITCHED CONDUCTORS FOR CIRCUIT CONTINUATION OR EMERGENCY LIGHTING. |
| | UN-SWITCHED WIRING. |
| EF | EXHAUST FAN |

| FIXTURE SCHEDULE | | |
|---|---|---|
| SYMBOL | TYPE | DESCRIPTION/MODEL |
| | C1 | 2X2 RECESSED DIRECT/INDIRECT LED LIGHT- HE WILLIAMS: DIG-S22-L32/835-AD-DRV-UNV |
| | C2 | 2X2 RECESSED DIRECT/INDIRECT EMERGENCY LED LIGHT- HE WILLIAMS: DIG-S22-L32/825-AD-EM/10W-DIM-UNV |
| | D1 | LED 6" ROUND DOWN LIGHT- HE WILLIAMS: 6DR-TL-L20/835-DIM-UNV-RW-OF-WH-N-FL |
| | H2 | DECORATIVE LED EMERGENCY LIGHT- HE WILLIAMS: EMER/DECO-DBR-D |
| | S1 | LED WALL MOUNT LIGHT WITH EMERGENCY BACKUP- HE WILLIAMS: SLF-4-L26/835-HIA-EM/10W-DIM-UNV |
| | | WALL PACK-MINI LED- HE WILLIAMS: WPM-L8/750-DRV-UNV |
| | | RECESSED EDGE-LIT LED EXIT SIGN- HE WILLAIMS: EXIT/RECESSED-SF-R-WH-WHT-EM-SDT-D |
| | | LED EMERGENCY LIGHT- HE WILLIAMS: EMER/LED-WHT-SDT-D |

Bathroom Notes:

1. Provide ADA compliant knee protection padding
2. Side grab bars to remain
Rear grab bars to be 36" long at a 6" distance from

**Keyed Notes:**

1. Remove Door and Trim and Infill Wall with steel studs and

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Drawing Title
SECOND FLOOR LIGHTING PLANS

Issue/Revision Seal
BID SET
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Date 4/19/2019
Scale: As Noted Project Number: 18545
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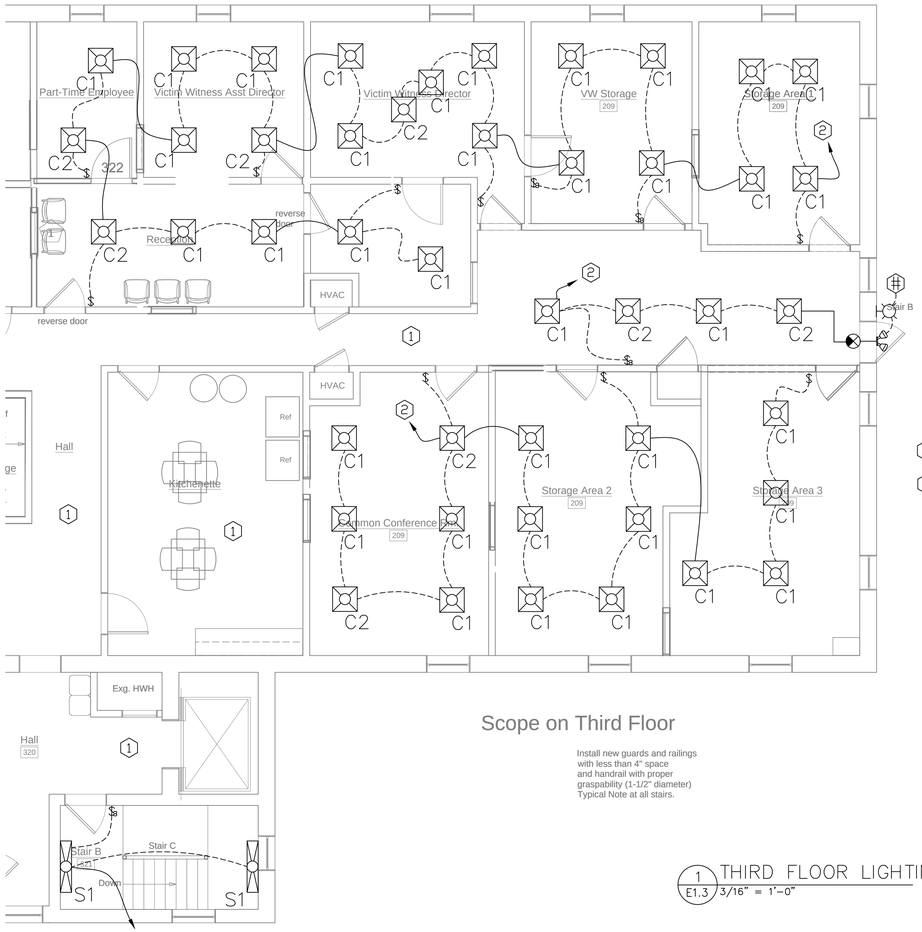


CONNECT EXISTING STAIRWELL CIRCUIT.

Scope on Third Floor

Install new guards and railings with less than 4" space and handrail with proper graspability (1-1/2" diameter) Typical Note at all stairs.

1 LIGHTING TO REMAIN IN THIS AREA.

2 REVISE EXISTING CIRCUIT WIRING TO SERVE NEW CIRCUIT CONFIGURATION SHOWN.

1 / E1.3 THIRD FLOOR LIGHTING PLAN
3/16" = 1'-0"

| FIXTURE SCHEDULE | | |
|---|---|---|
| SYMBOL | TYPE | DESCRIPTION/MODEL |
| | C1 | 2X2 RECESSED DIRECT/INDIRECT LED LIGHT– HE WILLIAMS: DIG–S22–L32/835–AD–DRV–UNV |
| | C2 | 2X2 RECESSED DIRECT/INDIRECT EMERGENCY LED LIGHT– HE WILLIAMS: DIG–S22–L32/825–AD–EM/10W–DIM–UNV |
| | D1 | LED 6" ROUND DOWN LIGHT– HE WILLIAMS: 6DR–TL–L20/835–DIM–UNV–RW–OF–WH–N–FL |
| | H2 | DECORATIVE LED EMERGENCY LIGHT– HE WILLIAMS: EMER/DECO–DBR–D |
| | S1 | LED WALL MOUNT LIGHT WITH EMERGENCY BACKUP– HE WILLIAMS: SLF–4–L26/835–HIA–EM/10W–DIM–UNV |
| | | WALL PACK–MINI LED– HE WILLIAMS: WPM–L8/750–DRV–UNV |
| | | RECESSED EDGE–LIT LED EXIT SIGN– HE WILLAIMS: EXIT/RECESSED–SF–R–WH–WHT–EM–SDT–D |
| | | LED EMERGENCY LIGHT– HE WILLIAMS: EMER/LED–WHT–SDT–D |

| LIGHTING SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH CIRCUIT AND PANEL SERVES THE JUNCTION BOX OR OUTLET. | |
| SYMBOL | DESCRIPTION |
| $ | WALL SWITCH, 3 DENOTES 3–WAY OPERATION, 4 DENOTES 4–WAY OPERATION, D DENOTES FIXTURE COMPATIBLE DIMMER SWITCH, FAN DENOTES FAN COMPATIBLE SWITCH. ADA MOUNTING HEIGHT. |
| | WALL SWITCH DUAL TECHNOLOGY OCCUPANCY SENSOR WITH PROGRAMMABLE DELAY. ADA MOUNTING HEIGHT. |
| | PHOTOCELL SENSOR |
| | DASHED LINE REPRESENTS SWITCHED WIRING BETWEEN FIXTURES IN A SWITCHED GROUP. CONTAINS SWITCHED CONDUCTORS AND DIMMING CONTROL WIRES (0–10V) FOR DIMMING CIRCUITS. MAY ALSO CONTAIN UN–SWITCHED CONDUCTORS FOR CIRCUIT CONTINUATION OR EMERGENCY LIGHTING. |
| | UN–SWITCHED WIRING. |
| EF | EXHAUST FAN |

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Drawing Title
THIRD FLOOR LIGHTING PLANS

Issue/Revision
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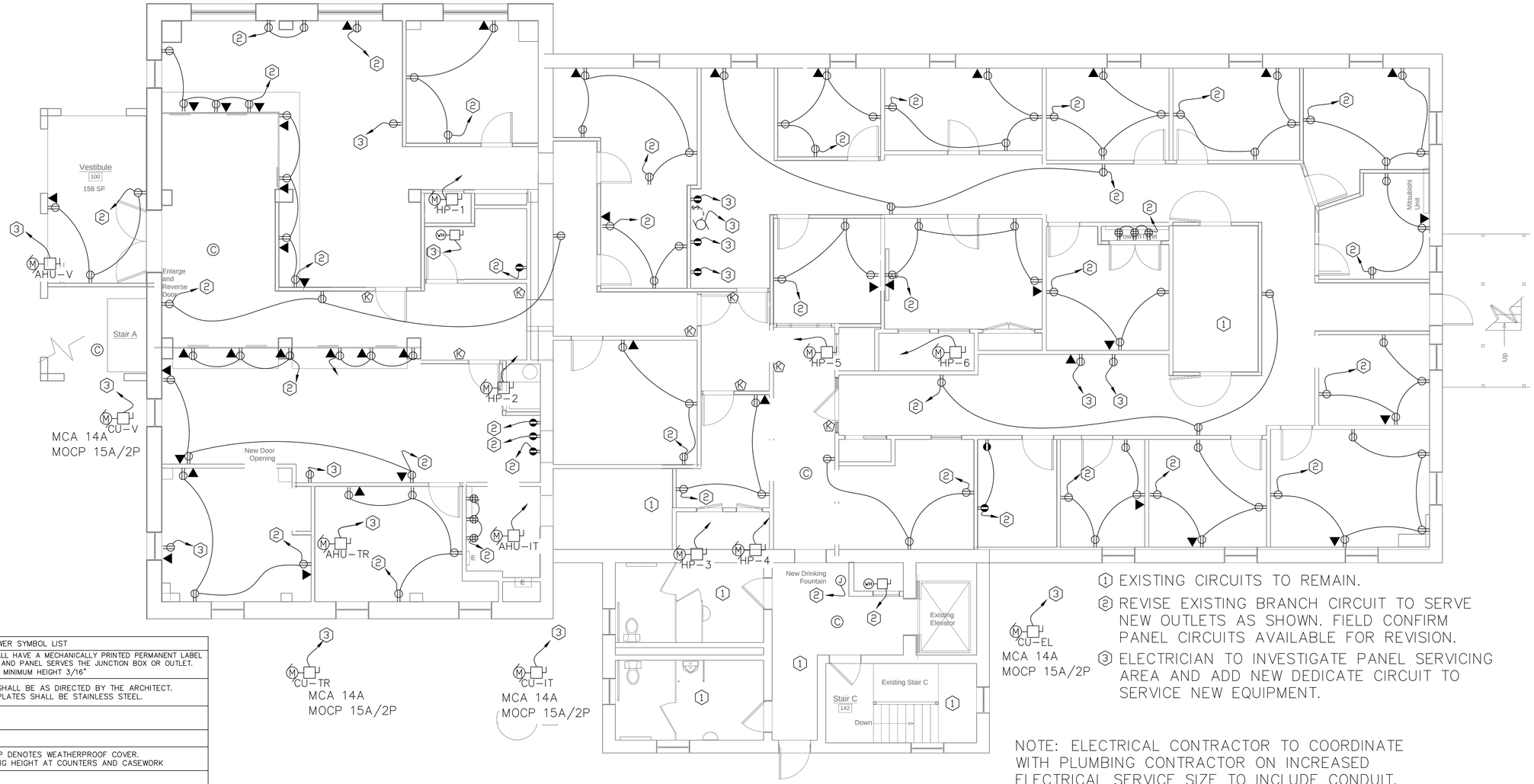
E1.3




1 EXISTING CIRCUITS TO REMAIN.

2 REVISE EXISTING BRANCH CIRCUIT TO SERVE NEW OUTLETS AS SHOWN. FIELD CONFIRM PANEL CIRCUITS AVAILABLE FOR REVISION.

3 ELECTRICIAN TO INVESTIGATE PANEL SERVICING AREA AND ADD NEW DEDICATE CIRCUIT TO SERVICE NEW EQUIPMENT.

1 / E2.1 FIRST FLOOR POWER PLAN
3/16" = 1'-0"

NOTE: ELECTRICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR ON INCREASED ELECTRICAL SERVICE SIZE TO INCLUDE CONDUIT, WIRE AND BREAKER SIZE BASED ON PLUMBER'S SUMP PUMP SELECTION.

| POWER SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH CIRCUIT AND PANEL SERVES THE JUNCTION BOX OR OUTLET. PRINTING MINIMUM HEIGHT 3/16" | |
| OUTLET AND SWITCH COLOR SHALL BE AS DIRECTED BY THE ARCHITECT. OUTLET AND SWITCH PLATES SHALL BE STAINLESS STEEL. | |
| SYMBOL | DESCRIPTION |
| | DUPLEX RECEPTACLE |
| | GFCI RECEPTACLE. WP DENOTES WEATHERPROOF COVER. COORDINATE MOUNTING HEIGHT AT COUNTERS AND CASEWORK |
| | QUAD RECEPTACLE |
| | FLOOR RECEPTACLE. RECESSED DUAL COMPARTMENT BOX (POWER/DATA) AND COVERPLATE TO MATCH FLOOR. REFER TO ARCHITECTURAL PLANS. |
| | CEILING MOUNTED RECEPTACLE. |
| | JUNCTION BOX EQUIPMENT CONNECTION |
| J | JUNCTION BOX WITH FUSED DISCONNECT FOR EQUIPMENT CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA |
| | FUSED DISCONNECT SWITCH AND MOTOR CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA. |
| | NFSS DISCONNECT AND WATER HEATER CONNECTION. |
| | MOTOR CONNECTION (EXHAUST FAN, DISPOSER, ETC.) |
| C | SECURITY CAMERA JUNCTION BOX LOCATED IN THE CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX. COORDINATE WITH SECURITY SYSTEM CONTRACTOR. |
| | ELECTRONIC LOCK SET (CARD READER/PUSH BUTTON) SYSTEM. JUNCTION BOX LOCATED IN CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX IN WALL. COORDINATE WITH OWNER FOR MOUNTING HEIGHT. (FOR EQUIPMENT INSTALLATION). |
| | PROJECTION SCREEN SWITCH. |

| LOW VOLTAGE SYMBOL LIST | |
|---|---|
| SYMBOL | DESCRIPTION |
| | LOW VOLTAGE OUTLET. SINGLE GANG BOX WITH 3/4" ENT STUB (WITH PULL STRING) TO ACCESSIBLE CEILING SPACE. |
| | LOW VOLTAGE FLOOR OUTLET IN RECESSED BOX. DUAL CHAMBER BOX FOR POWER/DATA. CONDUIT STUB TO WALL AND UP TO ACCESSIBLE CEILING SPACE. |

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Drawing Title
FIRST FLOOR POWER PLANS

Issue/Revision
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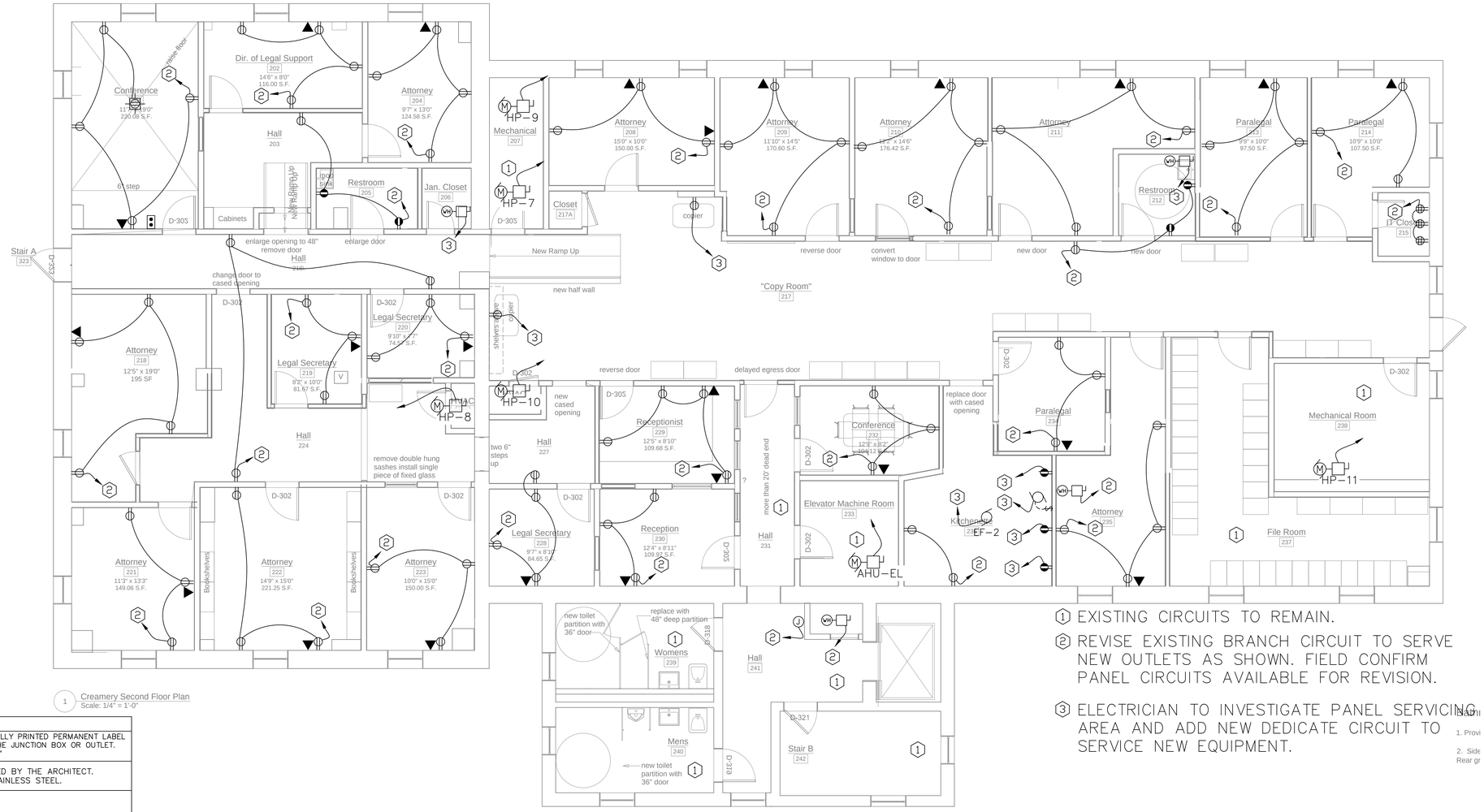


1 Creamery Second Floor Plan
Scale: 1/4" = 1'-0"

1. EXISTING CIRCUITS TO REMAIN.
2. REVISE EXISTING BRANCH CIRCUIT TO SERVE NEW OUTLETS AS SHOWN. FIELD CONFIRM PANEL CIRCUITS AVAILABLE FOR REVISION.
3. ELECTRICIAN TO INVESTIGATE PANEL SERVICING AREA AND ADD NEW DEDICATE CIRCUIT TO SERVICE NEW EQUIPMENT.

1 E2.2 SECOND FLOOR POWER PLAN
3/16" = 1'-0"

Second Floor

NOTE: ELECTRICIAN TO COORDINATE WITH PLUMBING CONTRACTOR FOR EXISTING PUMPS.

| POWER SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH CIRCUIT AND PANEL SERVES THE JUNCTION BOX OR OUTLET. PRINTING MINIMUM HEIGHT 3/16" | |
| OUTLET AND SWITCH COLOR SHALL BE AS DIRECTED BY THE ARCHITECT. OUTLET AND SWITCH PLATES SHALL BE STAINLESS STEEL. | |
| SYMBOL | DESCRIPTION |
| | DUPLEX RECEPTACLE |
| | GFCI RECEPTACLE. WP DENOTES WEATHERPROOF COVER. COORDINATE MOUNTING HEIGHT AT COUNTERS AND CASEWORK |
| | QUAD RECEPTACLE |
| | FLOOR RECEPTACLE. RECESSED DUAL COMPARTMENT BOX (POWER/DATA) AND COVERPLATE TO MATCH FLOOR. REFER TO ARCHITECTURAL PLANS. |
| | CEILING MOUNTED RECEPTACLE. |
| | JUNCTION BOX EQUIPMENT CONNECTION |
| | JUNCTION BOX WITH FUSED DISCONNECT FOR EQUIPMENT CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA |
| | FUSED DISCONNECT SWITCH AND MOTOR CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA. |
| | NFSS DISCONNECT AND WATER HEATER CONNECTION. |
| | MOTOR CONNECTION (EXHAUST FAN, DISPOSER, ETC.) |
| | SECURITY CAMERA JUNCTION BOX LOCATED IN THE CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX. COORDINATE WITH SECURITY SYSTEM CONTRACTOR. |
| | ELECTRONIC LOCK SET (CARD READER/PUSH BUTTON) SYSTEM. JUNCTION BOX LOCATED IN CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX IN WALL. COORDINATE WITH OWNER FOR MOUNTING HEIGHT. (FOR EQUIPMENT INSTALLATION). |
| | PROJECTION SCREEN SWITCH. |

| LOW VOLTAGE SYMBOL LIST | |
|---|---|
| SYMBOL | DESCRIPTION |
| | LOW VOLTAGE OUTLET. SINGLE GANG BOX WITH 3/4" ENT STUB (WITH PULL STRING) TO ACCESSIBLE CEILING SPACE. |
| | LOW VOLTAGE FLOOR OUTLET IN RECESSED BOX. DUAL CHAMBER BOX FOR POWER/DATA. CONDUIT STUB TO WALL AND UP TO ACCESSIBLE CEILING SPACE. |

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Drawing Title
SECOND FLOOR POWER PLANS

Issue/Revision
Seal
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Date 4/19/2019
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Drawing Number
CDI Project No: E1923
E2.2

| LOW VOLTAGE SYMBOL LIST | |
|---|---|
| SYMBOL | DESCRIPTION |
| ◄ | LOW VOLTAGE OUTLET. SINGLE GANG BOX WITH 3/4" ENT STUB (WITH PULL STRING) TO ACCESSIBLE CEILING SPACE. |
| ◄ | LOW VOLTAGE FLOOR OUTLET IN RECESSED BOX. DUAL CHAMBER BOX FOR POWER/DATA. CONDUIT STUB TO WALL AND UP TO ACCESSIBLE CEILING SPACE. |

| POWER SYMBOL LIST | |
|---|---|
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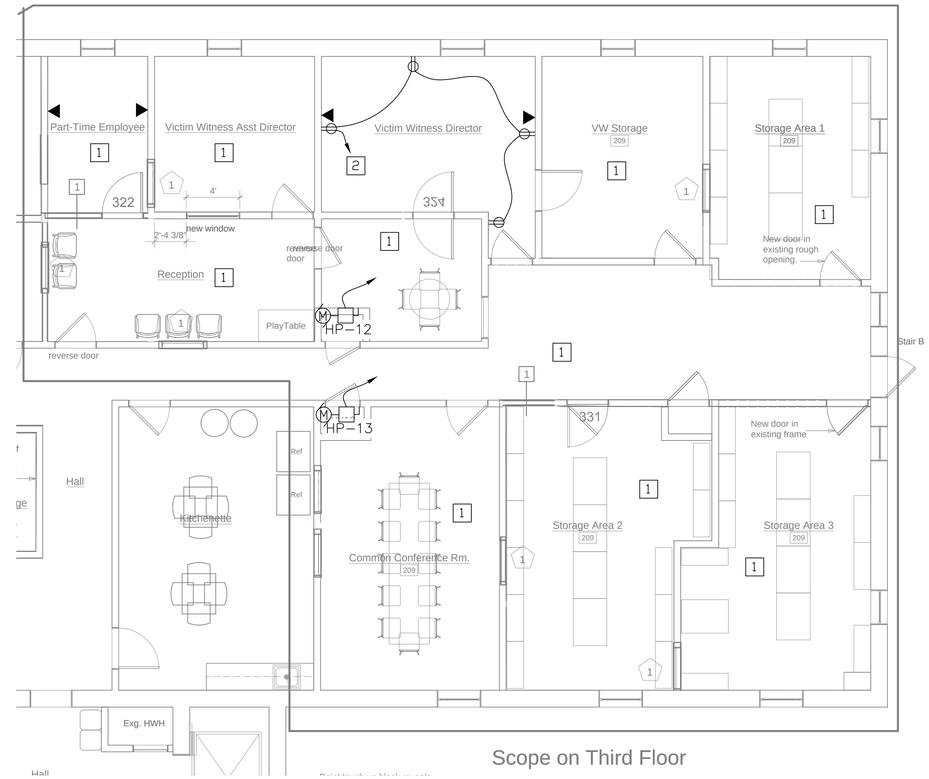
| OUTLET AND SWITCH COLOR SHALL BE AS DIRECTED BY THE ARCHITECT. OUTLET AND SWITCH PLATES SHALL BE STAINLESS STEEL. | |
| SYMBOL | DESCRIPTION |
| | DUPLEX RECEPTACLE |
| | GFCI RECEPTACLE. WP DENOTES WEATHERPROOF COVER. COORDINATE MOUNTING HEIGHT AT COUNTERS AND CASEWORK |
| | QUAD RECEPTACLE |
| | FLOOR RECEPTACLE. RECESSED DUAL COMPARTMENT BOX (POWER/DATA) AND COVERPLATE TO MATCH FLOOR. REFER TO ARCHITECTURAL PLANS. |
| | CEILING MOUNTED RECEPTACLE. |
| J | JUNCTION BOX EQUIPMENT CONNECTION |
| J | JUNCTION BOX WITH FUSED DISCONNECT FOR EQUIPMENT CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA |
| M | FUSED DISCONNECT SWITCH AND MOTOR CONNECTION. PROVIDE FUSES PER NAMEPLATE DATA. |
| WH | NFSS DISCONNECT AND WATER HEATER CONNECTION. |
| | MOTOR CONNECTION (EXHAUST FAN, DISPOSER, ETC.) |
| C | SECURITY CAMERA JUNCTION BOX LOCATED IN THE CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX. COORDINATE WITH SECURITY SYSTEM CONTRACTOR. |
| | ELECTRONIC LOCK SET (CARD READER/PUSH BUTTON) SYSTEM. JUNCTION BOX LOCATED IN CEILING WITH PULL THRU WIRE TO SINGLE GANG BOX IN WALL. COORDINATE WITH OWNER FOR MOUNTING HEIGHT. (FOR EQUIPMENT INSTALLATION). |
| | PROJECTION SCREEN SWITCH. |




Scope on Third Floor

1 E2.3 THIRD FLOOR POWER PLAN
3/16" = 1'-0"

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Drawing Title
THIRD FLOOR POWER PLANS

Issue/Revision
Seal
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Date 4/19/2019
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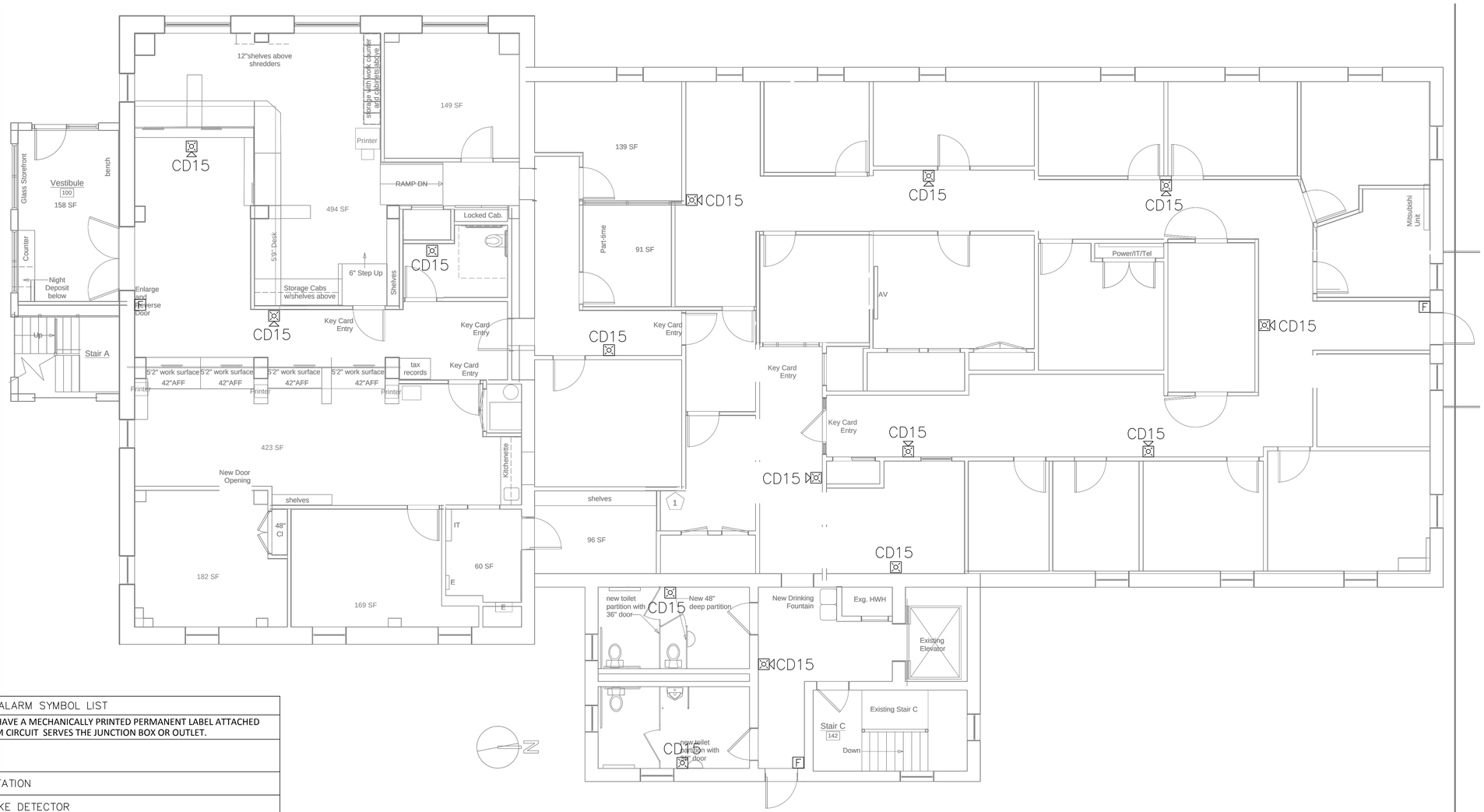
E2.3




1 E3.1 FIRST FLOOR FA PLAN
3/16" = 1'-0"

| FIRE ALARM SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH FIRE ALARM CIRCUIT SERVES THE JUNCTION BOX OR OUTLET. | |
| SYMBOL | DESCRIPTION |
| F | FIRE ALARM PULL STATION |
| | PHOTOELECTRIC SMOKE DETECTOR |
| | DUCT SMOKE DETECTOR |
| | HEAT DETECTOR |
| | SINGLE STATION SMOKE ALARM |
| | HORN STROBE |
| | STROBE |
| TAMPER | SPRINKLER SYSTEM TAMPER SWITCH |
| FLOW | SPRINKLER SYSTEM FLOW SWITCH |
| B | SPRINKLER SYSTEM EXTERIOR BELL. CONFIRM WITH FIRE MARSHAL |
| FACP | FIRE ALARM CONTROL PANEL |
| A | FIRE ALARM REMOTE ANNUNCIATOR. CONFIRM WITH FIRE MARSHAL |

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Drawing Title
FIRST FLOOR FA PLANS

Issue/Revision
Seal
BID SET
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Date 4/19/2019
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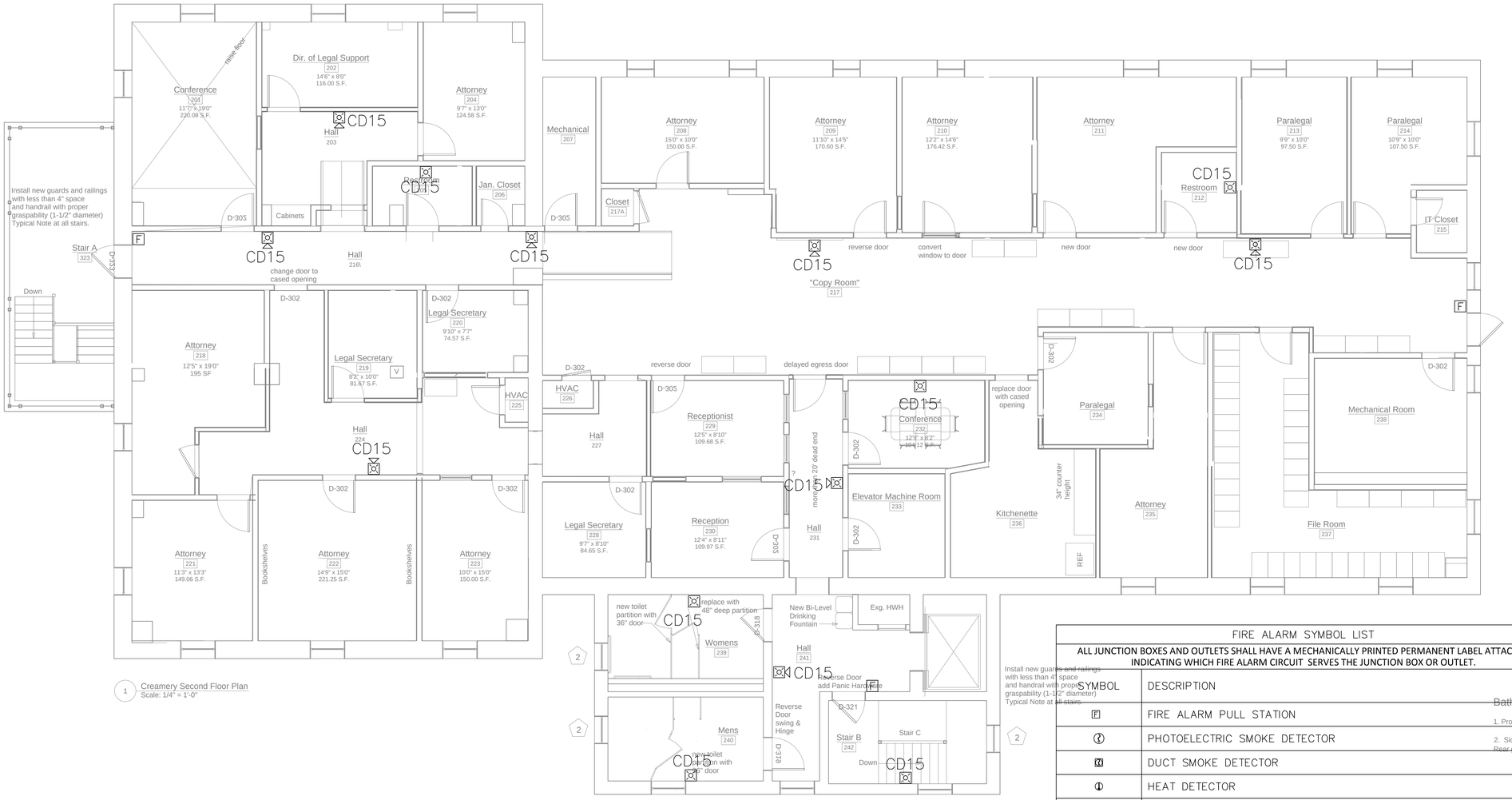
Drawing Number
CDI Project No:E1923

E3.1




1 Creamery Second Floor Plan
Scale: 1/4" = 1'-0"

1 SECOND FLOOR FA PLAN
E3.2 3/16" = 1'-0"

| FIRE ALARM SYMBOL LIST | |
|---|---|
| ALL JUNCTION BOXES AND OUTLETS SHALL HAVE A MECHANICALLY PRINTED PERMANENT LABEL ATTACHED INDICATING WHICH FIRE ALARM CIRCUIT SERVES THE JUNCTION BOX OR OUTLET. | |
| SYMBOL | DESCRIPTION |
| F | FIRE ALARM PULL STATION |
| | PHOTOELECTRIC SMOKE DETECTOR |
| | DUCT SMOKE DETECTOR |
| | HEAT DETECTOR |
| | SINGLE STATION SMOKE ALARM |
| | HORN STROBE |
| | STROBE |
| TAMPER | SPRINKLER SYSTEM TAMPER SWITCH |
| FLOW | SPRINKLER SYSTEM FLOW SWITCH |
| B | SPRINKLER SYSTEM EXTERIOR BELL. CONFIRM WITH FIRE MARSHAL |
| FACP | FIRE ALARM CONTROL PANEL |
| A | FIRE ALARM REMOTE ANNUNCIATOR. CONFIRM WITH FIRE MARSHAL |

~~Bathroom~~
1. Provide ADA
2. Side grab b
Rear grab bars

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16 NOV 2007
PROFESSIONAL ENGINEER

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City of Winchester

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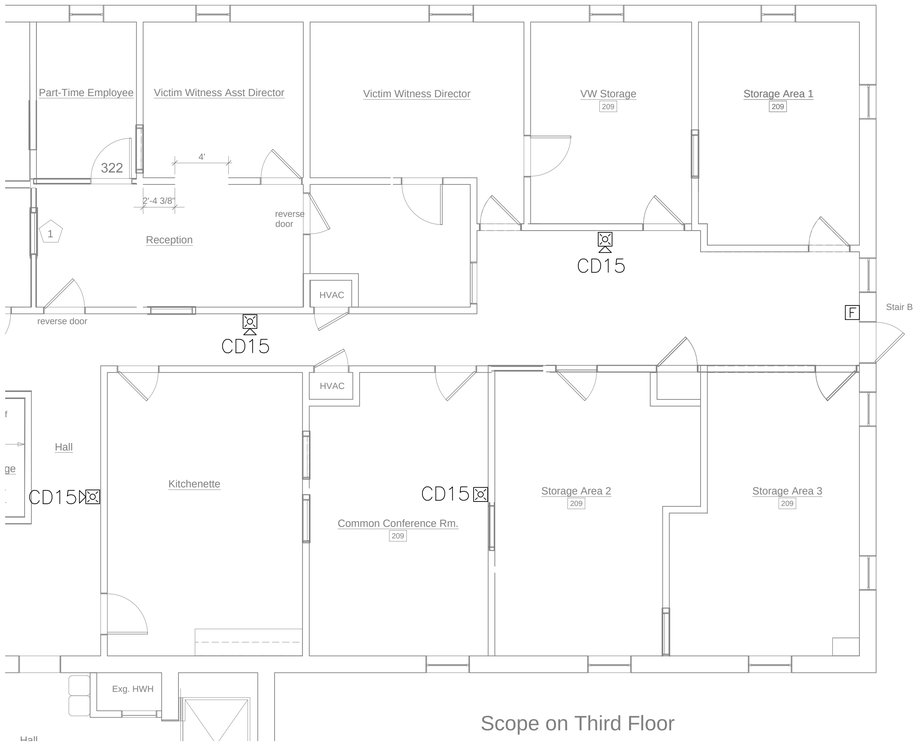
Drawing Title
SECOND FLOOR FA PLANS

Issue/Revision
Seal
BID SET
NOT FOR CONSTRUCTION

Date 4/19/2019
Scale: As Noted
Project Number: 18545
Drawing Number
CDI Project No: E1923

E3.2




Scope on Third Floor

1 E3.3 THIRD FLOOR FA PLAN
3/16" = 1'-0"

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THIRD FLOOR FA PLANS

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E3.3

**COMcheck Software Version 4.1.0.0**

# Interior Lighting Compliance Certificate

**Project Information**

Energy Code: 90.1 (2010) Standard
Project Title: THE CREAMERY BUILDING
Project Type: New Construction

Construction Site: 21 Kent Street, Winchester, VA 22601
Owner/Agent:
Designer/Contractor:

**Allowed Interior Lighting Power**

| A Area Category | B Floor Area (ft2) | C Allowed Watts / ft2 | D Allowed Watts (B X C) |
|---|---|---|---|
| 1-Office | 16216 | 0.90 | 14594 |
| | | Total Allowed Watts = | 14594 |

**Proposed Interior Lighting Power**

| A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast | B Lamps/ Fixture | C # of Fixtures | D Fixture Watt. | E (C X D) |
|---|---|---|---|---|
| 1-Office | | | | |
| LED 1: Other: | 1 | 198 | 22 | 4356 |
| LED 2: Other: | 1 | 88 | 22 | 1936 |
| LED 3: Other: | 1 | 46 | 19 | 879 |
| LED 4: Other: | 1 | 5 | 5 | 25 |
| LED 5: Other: | 1 | 5 | 11 | 55 |
| LED 6: Other: | 1 | 6 | 26 | 156 |
| | | | Total Proposed Watts = | 7407 |

**Interior Lighting PASSES: Design 49% better than code**

**Interior Lighting Compliance Statement**

*Compliance Statement:* The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.0.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Heather Bowers — Name - Title
Heather Bowers — Signature
5-17-19 — Date

## HVAC EQUIPMENT ELECTRICAL NOTES

THE FOLLOWING IS BASED UPON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. FOR EACH PIECE OF HVAC EQUIPMENT THE CONTRACTOR SHALL TRACE OUT THE EXISTING CIRCUIT AND COMPARE THE EXISTING WIRING TO THE INFORMATION BELOW. THE CONTRACTOR SHALL BASE HIS BID ON THE FOLLOWING WORK. IF ACTUAL CONDITIONS DIFFER FROM THAT SHOWN, THE CONTRACTOR WILL DESCRIBE THE DIFFERENCES AND PROPOSE A COST EFFECTIVE SOLUTION AS THE BASIS OF A CHANGE ORDER. REFER TO MECHANICAL PLANS FOR UNIT LOCATIONS. ASSUME AVERAGE CIRCUIT DISTANCE OF 75 FT.

FOR ALL UNITS: DISCONNECT EXISTING EQUIPMENT TO BE REPLACED, INSPECT EXISTING ELECTRICAL COMPONENTS, MAKE FINAL CONNECTIONS TO NEW EQUIPMENT AND COORDINATE WITH MECHANICAL FOR COMMISSIONING.

| UNIT | EXIST VOLT | EXIST MCA | EXIST CB (EST) | NEW VOLT | NEW MCA | NEW CB | CIRCUIT NOTES |
|---|---|---|---|---|---|---|---|
| HP-1 (IN) | 208/1 | 28.6 | 30/2 | 208/3 | 21.5 | 35/3 | REMOVE 30A/2P BREAKER AND INSTALL NEW 35A/3P BREAKER IN PANEL. INSTALL NEW 35A, 3PH BRANCH CIRCUIT [3X#8 CU & #10 CU EGC (MC)] |
| HP-1 (OUT) | 208/1 | 18.5 | 30/2 | | | | OUTDOOR UNIT REPLACED WITH UNITARY UNIT ABOVE. |
| HP-2 | | | | 208/3 | 18.5 | 30/3 | INSTALL 30A/3P BREAKER IN NEAREST PANEL WITH AVAILABLE SPACE AND CAPACITY AND EXTEND NEW 3 PH BRANCH CIRCUIT [3X#10 CU & #10 CU EGC (MC)] |
| HP-3 | 208/1 | 17.5 | 30/2 | 208/3 | 18.5 | 30/3 | REMOVE 30A/2P BREAKER AND INSTALL NEW 30A/3P BREAKER IN PANEL. INSTALL NEW 30A, 3PH BRANCH CIRCUIT [3X#10 CU & #10 CU EGC (MC)] |
| HP-4 | 208/3 | 23.6 | 35/3 | 208/3 | 18.5 | 30/3 | REPLACE EXISTING 35A/3P BREAKER WITH 30A/3P BREAKER. |
| HP-5 | 208/3 | 23.6 | 35/3 | 208/3 | 18.5 | 30/3 | REPLACE EXISTING 35A/3P BREAKER WITH 30A/3P BREAKER. |
| HP-6 | 208/3 | 23.6 | 35/3 | 208/3 | 27.6 | 40/3 | CONFIRM #8 CU WIRING USED ON EXISTING BRANCH CIRCUIT. REPLACE 35A/3P BREAKER WITH 40A/3P BREAKER |
| HP-7 | 208/3 | 23.6 | 35/3 | 208/3 | 18.5 | 30/3 | REPLACE EXISTING 35A/3P BREAKER WITH 30A/3P BREAKER. |
| HP-8 | 208/3 | 23.6 | 35/3 | 208/3 | 21.5 | 35/3 | RE-USE EXISTING CIRCUIT. |
| HP-9 | 208/3 | 23.6 | 35/3 | 208/3 | 21.5 | 35/3 | RE-USE EXISTING CIRCUIT. |
| HP-10 | 208/3 | 23.6 | 35/3 | 208/3 | 27.6 | 40/3 | CONFIRM #8 CU WIRING USED ON EXISTING BRANCH CIRCUIT. REPLACE 35A/3P BREAKER WITH 40A/3P BREAKER |
| HP-11 | 208/3 | 24.0 | 35/3 | 208/3 | 27.6 | 40/3 | CONFIRM #8 CU WIRING USED ON EXISTING BRANCH CIRCUIT. REPLACE 35A/3P BREAKER WITH 40A/3P BREAKER |
| HP-12 | 208/1 | 27.3 | 40/2 | 208/3 | 27.6 | 40/3 | REMOVE 40A/2P BREAKER AND INSTALL NEW 40A/3P BREAKER IN PANEL. INSTALL NEW 40A, 3PH BRANCH CIRCUIT [3X#8 CU & #10 CU EGC (MC)] |
| HP-13 | 208/3 | 23.6 | 35/3 | 208/3 | 27.6 | 40/3 | CONFIRM #8 CU WIRING USED ON EXISTING BRANCH CIRCUIT. REPLACE 35A/3P BREAKER WITH 40A/3P BREAKER |

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