

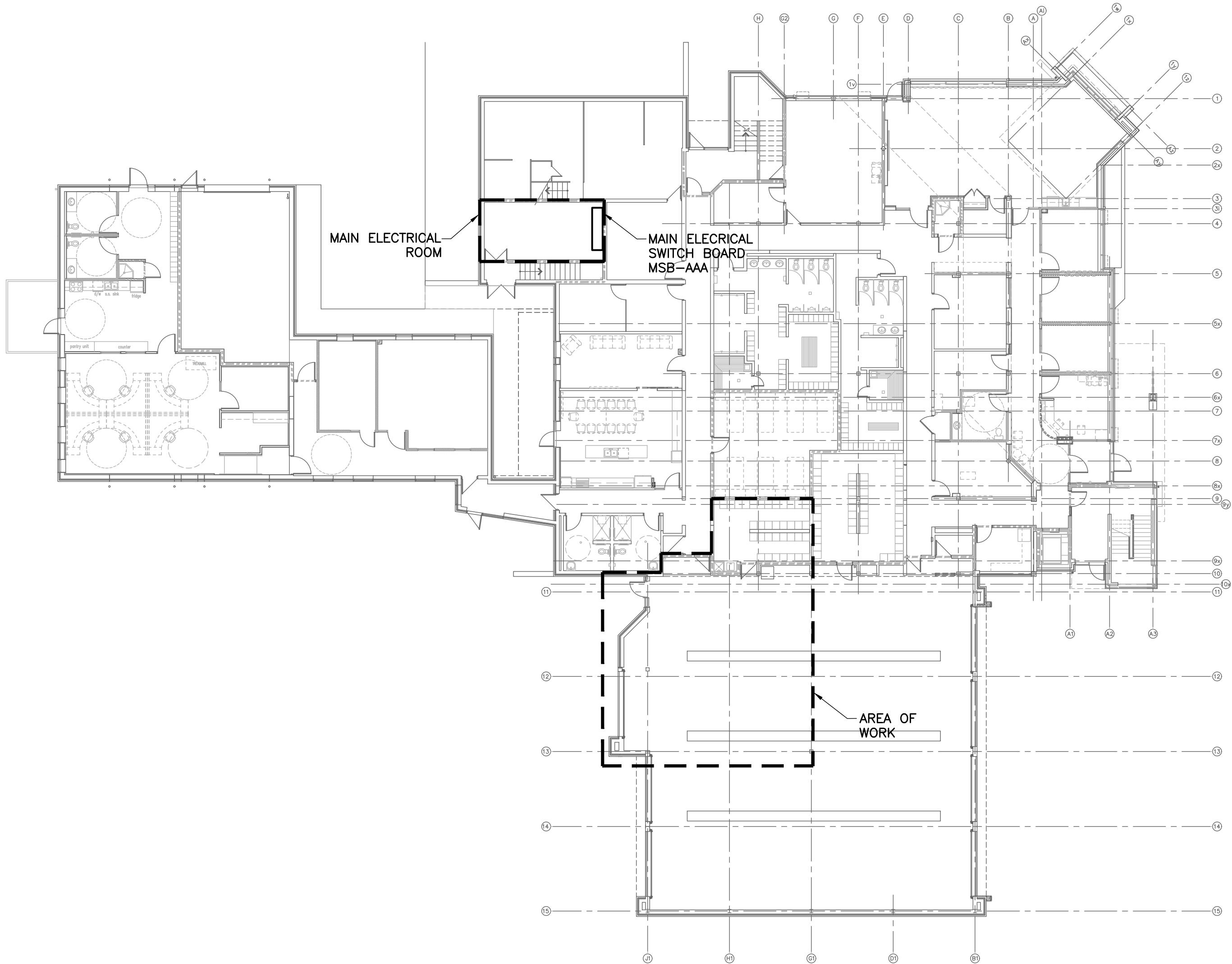


EXISTING

| PANEL ID: HP-F            |          |          |           | MOUNTING: RECESSED      |     |     |     | PANEL MAINS: 400A     |           |          |          |                          |
|---------------------------|----------|----------|-----------|-------------------------|-----|-----|-----|-----------------------|-----------|----------|----------|--------------------------|
| VOLTAGE: 120/208V         |          |          |           | LOCATION: CORRIDOR #132 |     |     |     | MAIN BREAKER: N/A     |           |          |          |                          |
| PHASE/WIRE: 3PH/4W        |          |          |           | FED FROM: MSB-AAA       |     |     |     | KAIC RATING: 22 KAIC  |           |          |          |                          |
| DESCRIPTION               | BRK SIZE | BRK TYPE | WIRE SIZE | LOAD                    | CCT | BUS | CCT | LOAD                  | WIRE SIZE | BRK TYPE | BRK SIZE | DESCRIPTION              |
| VAV-1-2, VAV-1-3          | 15A-1P   |          |           |                         | 1   | A   | 2   |                       |           |          | 15A-1P   | SPARE                    |
| VAV-3-3, VAV-3-4, VAV-3-5 | 15A-1P   |          |           |                         | 3   | B   | 4   |                       |           |          | 15A-1P   | VAV-3-1, VAV-3-2, BP-3   |
| EF-6 (RM#127)             | 15A-1P   |          |           |                         | 5   | C   | 6   |                       |           |          | 15A-1P   | EF-6 (RM#125)            |
| SPARE                     | 15A-1P   |          |           |                         | 7   | A   | 8   |                       |           |          | 15A-1P   | SPARE                    |
| ECH-3.0 (RM#V100a)        | 20A-2P   |          |           |                         | 9   | B   | 10  |                       |           |          | 20A-2P   | ECH-3.0 (RM#100a)        |
|                           |          |          |           |                         | 11  | C   | 12  |                       |           |          |          |                          |
| DUCT HEATER (RM#134)      | 20A-2P   |          |           |                         | 13  | A   | 14  |                       |           |          | 30A-3P   | WASH MACHINE             |
|                           |          |          |           |                         | 15  | B   | 16  |                       |           |          |          |                          |
|                           |          |          |           |                         | 17  | C   | 18  |                       |           |          |          |                          |
| JORDAIR AIR COMPRESSOR    | 100A-3P  |          |           |                         | 19  | A   | 20  |                       |           |          | 30A-3P   | CU-1                     |
|                           |          |          |           |                         | 21  | B   | 22  |                       |           |          |          |                          |
|                           |          |          |           |                         | 23  | C   | 24  |                       |           |          |          |                          |
| AC-1                      | 90A-3P   |          |           |                         | 25  | A   | 26  |                       |           |          | 15A-1P   | SPARE                    |
|                           |          |          |           |                         | 27  | B   | 28  |                       |           |          | 15A-1P   | SPARE                    |
| RTU-3 (ROOF)              | 40A-3P   |          |           |                         | 29  | C   | 30  |                       |           |          | 15A-1P   | GFCI RECEPTACLE ROOF TOP |
|                           |          |          |           |                         | 31  | A   | 32  |                       |           |          | 20A-3P   | EFU-1 (ROOF)             |
| RTU-5 (ROOF)              | 30A-3P   |          |           |                         | 33  | B   | 34  |                       |           |          |          |                          |
|                           |          |          |           |                         | 35  | C   | 36  |                       |           |          |          |                          |
| DUCT HEATER (RM#130)      | 15A-2P   |          |           |                         | 37  | A   | 38  |                       |           |          | 20A-3P   | ERV-2 (ROOF)             |
|                           |          |          |           |                         | 39  | B   | 40  |                       |           |          |          |                          |
|                           |          |          |           |                         | 41  | C   | 42  |                       |           |          |          |                          |
| SAUNA (RM#125)            | 30A-3P   |          |           |                         | 43  | A   | 44  |                       |           |          | 20A-3P   | ERV-5 (ROOF)             |
|                           |          |          |           |                         | 45  | B   | 46  |                       |           |          |          |                          |
|                           |          |          |           |                         | 47  | C   | 48  |                       |           |          |          |                          |
| SAUNA (RM#127)            | 30A-3P   |          |           |                         | 49  | A   | 50  |                       |           |          | 100A-3P  | AC-2 (RM#139a)           |
|                           |          |          |           |                         | 51  | B   | 52  |                       |           |          |          |                          |
|                           |          |          |           |                         | 53  | C   | 54  |                       |           |          |          |                          |
| PLUMBING FIXTURE SENSOR   | 15A-1P   |          |           |                         | 55  | A   | 56  |                       |           |          | 15A-1P   | PLUMBING FIXTURE SENSOR  |
| SPACE                     |          |          |           |                         | 57  | B   | 58  |                       |           |          | 15A-1P   | PLUMBING FIXTURE SENSOR  |
| CU-2 (ROOF)               | 25A-3P   |          |           |                         | 59  | C   | 60  |                       |           |          | 15A-1P   | DF-1                     |
|                           |          |          |           |                         | 61  | A   | 62  |                       |           |          | 30A-2P   | DUCT HEATER              |
|                           |          |          |           |                         | 63  | B   | 64  |                       |           |          |          |                          |
| SPACE                     |          |          |           |                         | 65  | C   | 66  |                       |           |          | 15A-1P   | SPARE                    |
| SPACE                     |          |          |           |                         | 67  | A   | 68  |                       |           |          | 15A-1P   | SPARE                    |
| SPACE                     |          |          |           |                         | 69  | B   | 70  |                       |           |          |          | SPACE                    |
| SPACE                     |          |          |           |                         | 71  | C   | 72  |                       |           |          |          | SPACE                    |
| BRK TYPE: * GFCI BREAKER  |          |          |           | LOAD PHASE A (W): ###   |     |     |     |                       |           |          |          |                          |
| ** COMBINATION AFCI       |          |          |           | LOAD PHASE B (W): ##### |     |     |     | TOTAL LOAD (W): ##### |           |          |          |                          |
| *** LOCK ON BREAKER       |          |          |           | LOAD PHASE C (W): ###   |     |     |     | TOTAL AMPS (A): ##### |           |          |          |                          |

NEW

| PANEL ID: HP-F            |          |          |           | MOUNTING: RECESSED      |     |     |     | PANEL MAINS: 400A     |           |          |          |                          |
|---------------------------|----------|----------|-----------|-------------------------|-----|-----|-----|-----------------------|-----------|----------|----------|--------------------------|
| VOLTAGE: 120/208V         |          |          |           | LOCATION: CORRIDOR #132 |     |     |     | MAIN BREAKER: N/A     |           |          |          |                          |
| PHASE/WIRE: 3PH/4W        |          |          |           | FED FROM: MSB-AAA       |     |     |     | KAIC RATING: 22 KAIC  |           |          |          |                          |
| DESCRIPTION               | BRK SIZE | BRK TYPE | WIRE SIZE | LOAD                    | CCT | BUS | CCT | LOAD                  | WIRE SIZE | BRK TYPE | BRK SIZE | DESCRIPTION              |
| VAV-1-2, VAV-1-3          | 15A-1P   |          |           |                         | 1   | A   | 2   |                       |           |          | 15A-1P   | SPARE                    |
| VAV-3-3, VAV-3-4, VAV-3-5 | 15A-1P   |          |           |                         | 3   | B   | 4   |                       |           |          | 15A-1P   | VAV-3-1, VAV-3-2, BP-3   |
| EF-6 (RM#127)             | 15A-1P   |          |           |                         | 5   | C   | 6   |                       |           |          | 15A-1P   | EF-6 (RM#125)            |
| SPARE                     | 15A-1P   |          |           |                         | 7   | A   | 8   |                       |           |          | 15A-1P   | SPARE                    |
| ECH-3.0 (RM#V100a)        | 20A-2P   |          |           |                         | 9   | B   | 10  |                       |           |          | 20A-2P   | ECH-3.0 (RM#100a)        |
|                           |          |          |           |                         | 11  | C   | 12  |                       |           |          |          |                          |
| DUCT HEATER (RM#134)      | 20A-2P   |          |           |                         | 13  | A   | 14  |                       |           |          |          |                          |
|                           |          |          |           |                         | 15  | B   | 16  |                       |           |          |          |                          |
|                           |          |          |           |                         | 17  | C   | 18  |                       |           |          | 30A-3P   | WASH MACHINE             |
| JORDAIR AIR COMPRESSOR    | 100A-3P  |          |           |                         | 19  | A   | 20  |                       |           |          |          |                          |
|                           |          |          |           |                         | 21  | B   | 22  |                       |           |          | 30A-3P   | CU-1                     |
|                           |          |          |           |                         | 23  | C   | 24  |                       |           |          |          |                          |
| AC-1                      | 90A-3P   |          |           |                         | 25  | A   | 26  |                       |           |          | 15A-1P   | SPARE                    |
|                           |          |          |           |                         | 27  | B   | 28  |                       |           |          | 15A-1P   | SPARE                    |
| RTU-3 (ROOF)              | 40A-3P   |          |           |                         | 29  | C   | 30  |                       |           |          | 15A-1P   | GFCI RECEPTACLE ROOF TOP |
|                           |          |          |           |                         | 31  | A   | 32  |                       |           |          |          |                          |
|                           |          |          |           |                         | 33  | B   | 34  |                       |           |          | 20A-3P   | EFU-1 (ROOF)             |
| RTU-5 (ROOF)              | 30A-3P   |          |           |                         | 35  | C   | 36  |                       |           |          |          |                          |
|                           |          |          |           |                         | 37  | A   | 38  |                       |           |          |          |                          |
|                           |          |          |           |                         | 39  | B   | 40  |                       |           |          | 20A-3P   | ERV-2 (ROOF)             |
| DUCT HEATER (RM#130)      | 15A-2P   |          |           |                         | 41  | C   | 42  |                       |           |          |          |                          |
|                           |          |          |           |                         | 43  | A   | 44  |                       |           |          |          |                          |
|                           |          |          |           |                         | 45  | B   | 46  |                       |           |          | 20A-3P   | ERV-5 (ROOF)             |
| SAUNA (RM#125)            | 30A-3P   |          |           |                         | 47  | C   | 48  |                       |           |          |          |                          |
|                           |          |          |           |                         | 49  | A   | 50  |                       |           |          |          |                          |
| SAUNA (RM#127)            | 30A-3P   |          |           |                         | 51  | B   | 52  |                       |           |          | 100A-3P  | AC-2 (RM#139a)           |
|                           |          |          |           |                         | 53  | C   | 54  |                       |           |          |          |                          |
|                           |          |          |           |                         | 55  | A   | 56  |                       |           |          | 15A-1P   | PLUMBING FIXTURE SENSOR  |
| PLUMBING FIXTURE SENSOR   | 15A-1P   |          |           |                         | 57  | B   | 58  |                       |           |          | 15A-1P   | PLUMBING FIXTURE SENSOR  |
| SPACE                     |          |          |           |                         | 59  | C   | 60  |                       |           |          | 15A-1P   | DF-1                     |
| CU-2 (ROOF)               | 25A-3P   |          |           |                         | 61  | A   | 62  |                       |           |          | 30A-2P   | DUCT HEATER              |
|                           |          |          |           |                         | 63  | B   | 64  |                       |           |          |          |                          |
|                           |          |          |           |                         | 65  | C   | 66  |                       |           |          | 15A-1P   | SPARE                    |
| DECONTAMINATION WASHER    | 60A-3P   |          | 3#6       | 5500                    | 67  | A   | 68  |                       |           |          | 15A-1P   | SPARE                    |
|                           |          |          |           | 5500                    | 69  | B   | 70  | 800                   |           |          |          |                          |
|                           |          |          |           | 5500                    | 71  | C   | 72  | 800                   | 2#12      |          | 15A-2P   | EXTRACTOR                |
| BRK TYPE: * GFCI BREAKER  |          |          |           | LOAD PHASE A (W): 5500  |     |     |     |                       |           |          |          |                          |
| ** COMBINATION AFCI       |          |          |           | LOAD PHASE B (W): 6300  |     |     |     | TOTAL LOAD (W): 18100 |           |          |          |                          |
| *** LOCK ON BREAKER       |          |          |           | LOAD PHASE C (W): 6300  |     |     |     | TOTAL AMPS (A): 50.2  |           |          |          |                          |



KEY PLAN  
SCALE: N.T.S.

| POWER AND SYSTEMS                                                                |                                                               |
|----------------------------------------------------------------------------------|---------------------------------------------------------------|
| SYMBOL                                                                           | DESCRIPTION                                                   |
|                                                                                  | 120VAC, 15 AMP DUPLEX RECEPTACLE                              |
|                                                                                  | HARD WIRED POWER CONNECTION RATED PER EQUIPMENT SPECIFICATION |
|                                                                                  | RECESSED ELECTRICAL PANEL BOARD                               |
|                                                                                  | FAN OR MOTOR                                                  |
|                                                                                  | NON-FUSED DISCONNECT SWITCH                                   |
| GENERAL NOTE: 1. REFER TO POWER AND SYSTEMS SCHEDULE FOR DETAILED SPECIFICATION. |                                                               |

DRAWING KEYNOTES:

- 1 ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL NEW CIRCUIT BREAKER IN EXISTING PANEL SPACE AS REQUIRED FOR NEW ELECTRICAL LOADS. UPDATE THE PANEL DIRECTORY.

| ABBREVIATIONS |                                               |
|---------------|-----------------------------------------------|
| AFCI          | DENOTES ARC FAULT CIRCUIT INTERRUPTER         |
| CH            | DENOTES COUNTER HEIGHT                        |
| c/w           | DENOTES COMPLETE WITH                         |
| DS            | DENOTES DISCONNECT SWITCH                     |
| ER            | DENOTES EXISTING DEVICE TO BE RELOCATED       |
| EX            | DENOTES EXISTING DEVICE TO REMAIN             |
| GFCI          | DENOTES GROUND FAULT CIRCUIT INTERRUPTER      |
| NTS           | DENOTES NOT TO SCALE                          |
| REL           | DENOTES EXISTING DEVICE AT RELOCATED LOCATION |
| TYP           | DENOTES TYPICAL                               |

**CK ENGINEERING INC**  
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www.ckengs.com | info@ckengs.net | 905.631.1115

PROJECT:  
**BURLINGTON FIRE STATION #1 HEADQUARTERS**  
1255 FAIRVIEW STREET  
BURLINGTON, ON

DRAWING TITLE:  
**LEGENDS, ABBREVIATIONS, KEY PLAN AND PANEL SCHEDULES**

DRAWN BY:  
**MS**

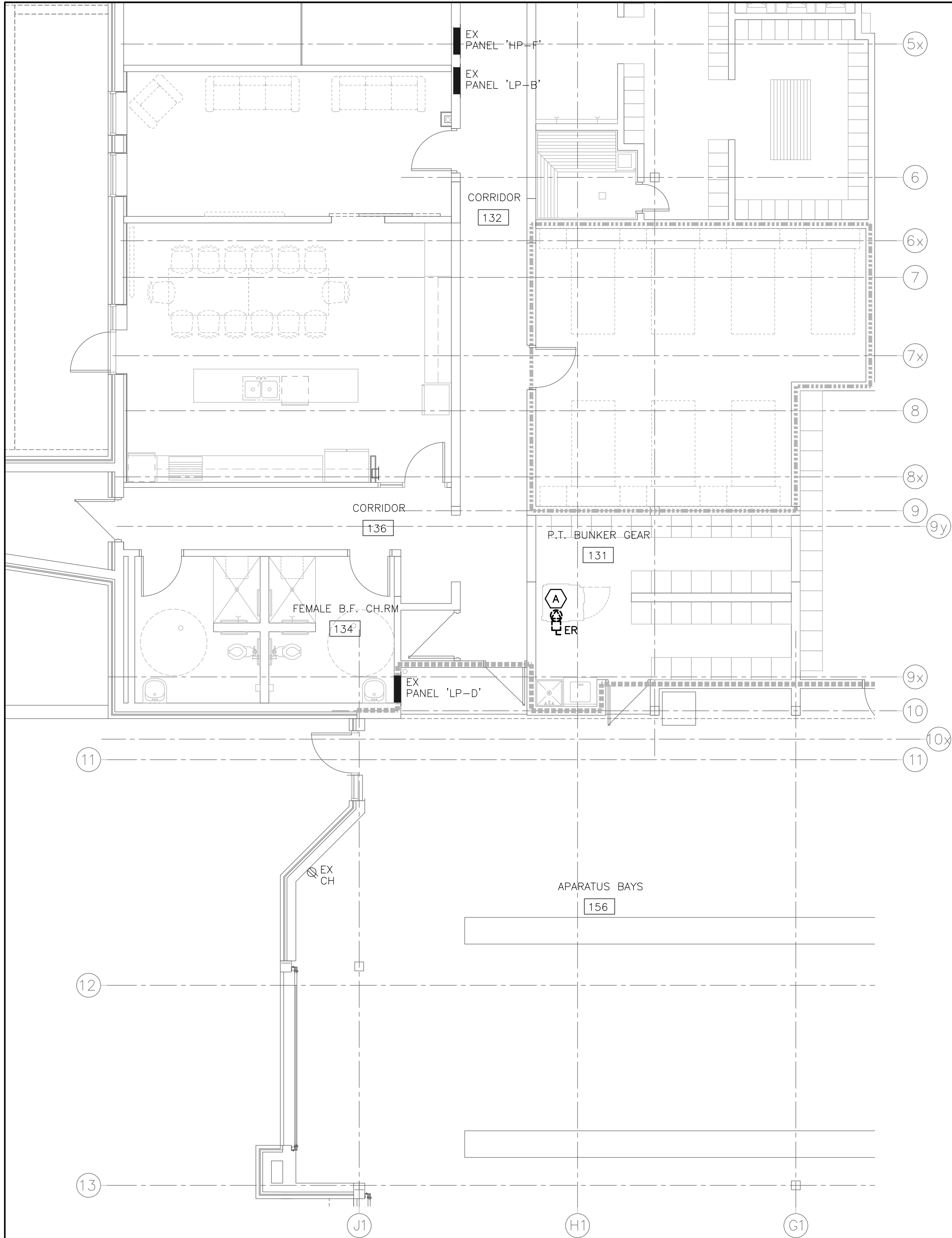
SCALE:  
**N.T.S.**

CHECKED BY:  
**JS**

DATE:  
**2026.05.20**

PROJECT No.:  
**26034**

DRAWING No.:  
**E1.2**

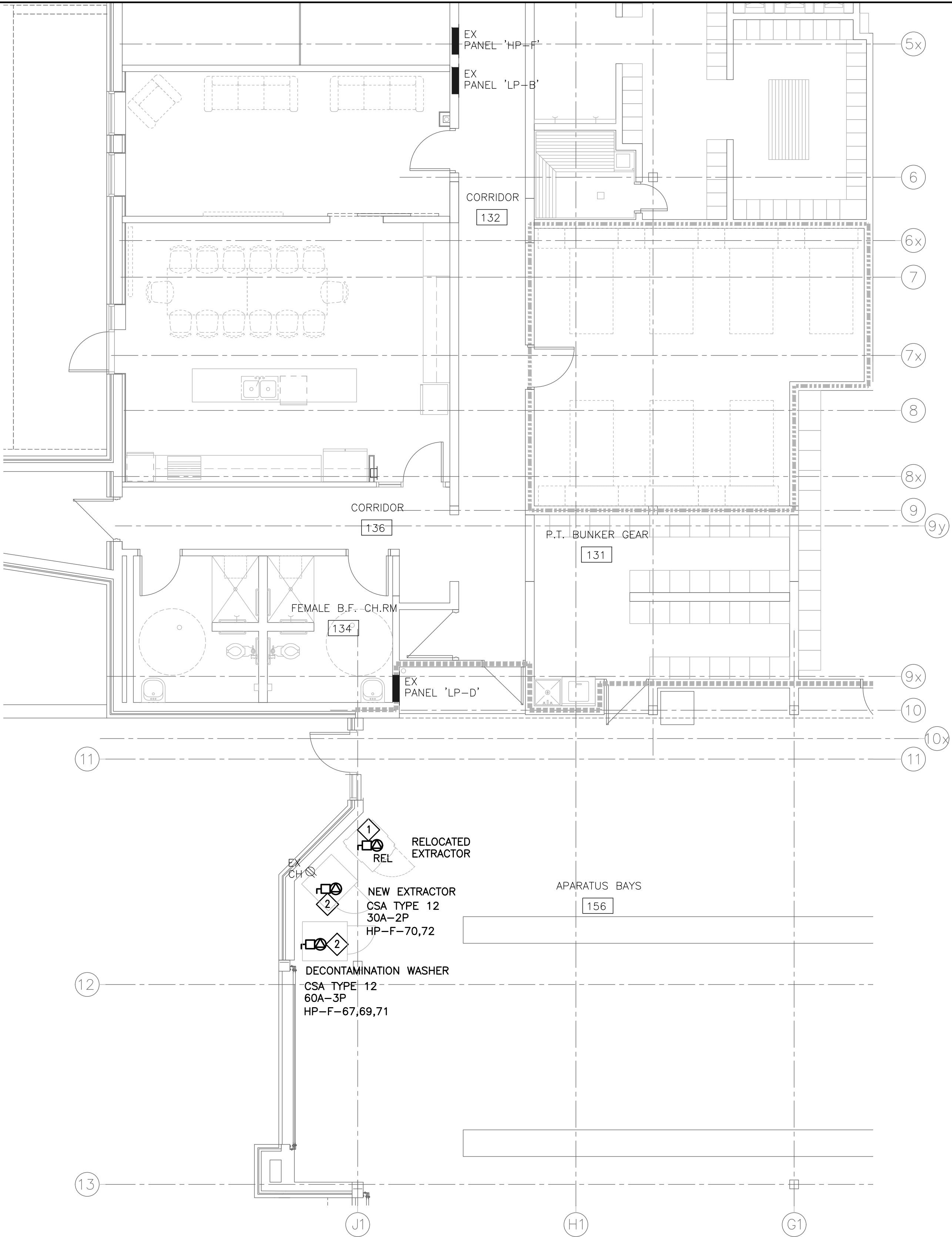


PARTIAL GROUND FLOOR POWER — DEMOLITION  
SCALE: 3/16" = 1'-0"

GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING ALL ELECTRICAL ITEMS ON SITE PRIOR TO COMMENCING WORK. IF THERE ARE ERRORS OR OMISSIONS ON THE DRAWINGS, THE CONTRACTOR WILL MODIFY THE DRAWINGS AND NOTIFY THE CONSULTANT OF ANY MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS.
2. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR REMOVING/RELOCATING ALL ELECTRICAL DEVICES/CABLES/CONDUITS ETC. IN AREAS BEING DEMOLISHED AS SHOWN ON ELECTRICAL DRAWINGS. NO ATTEMPT HAS BEEN MADE TO IDENTIFY EVERY SINGLE EXISTING ELECTRICAL DEVICE ON EXISTING DRAWINGS. THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO SUBMITTING TENDER PRICE TO REVIEW WHAT IS REQUIRED WITH RESPECT TO DEMOLITION. NO EXTRAS WILL BE ALLOWED FOR NOT THOROUGHLY REVIEWING THE EXISTING SITE.
3. ELECTRICAL CONTRACTOR TO RE-ARRANGE AND RE-SUPPORT ALL EXISTING BOXES, CONDUITS AND WIRING ABOVE EXISTING CEILING TILES. USE NEW BOX, CONDUITS AND WIRING AS REQUIRED TO MAKE SAFE AND CLEAN INSTALLATION TO MEET CURRENT CODE AND ESA REQUIREMENTS.

4. UNUSED CONDUITS AND WIRING IN EXISTING CEILING SPACE TO BE REMOVED. PROVIDE THE REQUIRED TESTS TO ENSURE SAFE REMOVAL AS REQUIRED.
5. FOR EXISTING PULL BOXES AND JUNCTION BOXES WITH NO COVER PLATES ABOVE EXISTING CEILINGS, THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW COVERS TO MAKE SAFE AS REQUIRED.
6. FOR INDICATED DEVICES SHOWN TO BE DEMOLISHED, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE AND REWORK OR PROVIDE NEW WIRING/CONDUIT TO DEVICES THAT MAY BE FED ON THE SAME CIRCUIT AS THE DEVICE TO BE DEMOLISHED.
7. FOR INDICATED DEVICES SHOWN TO BE RELOCATED, ELECTRICAL CONTRACTOR TO REWORK OR PROVIDE NEW WIRING/CONDUIT TO REINSTALL EXISTING DEVICES AS SHOWN IN NEW PLAN.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE OWNER ALL DEVICES TO BE SALVAGED, MOVED & STORED PRIOR TO DEMOLITION.



PARTIAL GROUND FLOOR POWER — NEW  
SCALE: 3/16" = 1'-0"

DEMOLITION KEYNOTES:

- Ⓐ DISCONNECT AND REMOVE CONDUIT AND WIRING FROM POWER PANEL TO EXTRACTOR. EXISTING EXTRACTOR TO BE REMOVED BY MECHANICAL CONTRACTOR.

DRAWING KEYNOTES:

- ① ELECTRICAL CONTRACTOR TO INVESTIGATE AND FIELD VERIFY THE EXISTING BRANCH CIRCUIT AND POWER PANEL SERVING THE EXISTING EXTRACTOR. UTILIZE THE SAME BREAKER FOR RELOCATED EXTRACTOR. SUPPLY AND INSTALL CONDUIT AND WIRING FROM EXISTING POWER FEEDING ELECTRICAL PANEL TO RELOCATED EXTRACTOR. EXTRACTOR TO BE RELOCATED BY MECHANICAL CONTRACTOR. COORDINATE AT SITE FOR EXACT LOCATION OF INSTALLATION.
- ② ELECTRICAL CONTRACTOR TO COORDINATE AT SITE FOR EXACT LOCATION OF INSTALLATION.

|     |                          |          |
|-----|--------------------------|----------|
| B   | ISSUED FOR TENDER        | 26.06.15 |
| A   | ISSUED FOR CLIENT REVIEW | 26.05.29 |
| No. | REVISION                 | DATE     |

Seal:



DO NOT SCALE DRAWINGS.  
ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE JOB.  
ALL DRAWINGS REMAIN THE PROPERTY OF ENGINEERS.  
DRAWINGS SHOULD NOT BE READ IN ISOLATION.

**CK**  
**CK ENGINEERING INC**  
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PROJECT:  
**BURLINGTON FIRE  
STATION #1  
HEADQUARTERS**  
1255 FAIRVIEW STREET  
BURLINGTON, ON

DRAWING TITLE:  
**PARTIAL GROUND  
FLOOR POWER**

|                   |                     |
|-------------------|---------------------|
| DRAWN BY:<br>MS   | SCALE:<br>AS NOTED  |
| CHECKED BY:<br>JS | DATE:<br>2026.06.15 |

PROJECT No.:  
**26034**

DRAWING No.:  
**E2.1**