GENERAL DEMOLITION NOTES:

1. Coordinate with Architect for complete scope and phase schedule of demolition.

2. On first floor, unless noted otherwise, all electrical and lighting fixtures shall be removed. Conduit and wiring shall be demolished back to source panel.

3. On second floor, coordinate with Architect for areas being demolished, and electrical and lighting fixtures being removed. For electrical and lighting fixtures being removed, conduit and wiring shall be demolished back to source panel.

4. Remove all abandoned surface raceways and junction boxes. Existing abandoned recessed junction boxes shall be removed and the wall patched, or a new blank coverplate shall be installed.

5. Existing lighting shall be removed in the areas where new lighting is to be installed. Any lighting not removed shall be reconnected to a lighting circuit during construction. Refer to lighting sheets for area of work.

6. Contractor shall paint, patch, texture and repair walls, ceilings, floors and other surfaces to match existing where surface raceway, receptacles, lighting, fire alarm devices, PA system devices, junction boxes and other electrical components are removed.

GENERAL DEMOLITION NOTES:
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3. On Second Floor, coordinate with Architect for areas being demolished and electrical and lighting fixtures being removed. For electrical and lighting fixtures being removed, conduit and wiring shall be demolished back to source panel.

4. Remove all abandoned surface raceways and junction boxes. Existing abandoned recessed junction boxes shall be removed and the wall patched, or a new blank coverplate shall be installed.

5. Existing lighting shall be removed in the areas where new lighting is to be installed. Any lighting not removed shall be re-connected to a lighting circuit during construction. Refer to lighting sheets for area of work.

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---

E102
SECOND FLOOR ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"
**6. EXTERIOR LIGHTING ENERGY CODE REQUIREMENTS:**

- **1.** General Energy Code Requirements:
  - Conform to the 2015 International Energy Conservation Code, including the 2020 Supplement.
  - Provide lighting controls as indicated in the architectural plans.
  - Provide lighting fixtures as indicated in the architectural plans.

- **2.** Exterior Lighting Control Notes:
  - Provide digital lighting controls to control exterior lighting.
  - Provide emergency lighting controls to control emergency lighting.

- **3.** Exterior Lighting Fixture Schedule:
  - Provide the list of exterior lighting fixtures as indicated in the architectural plans.

**7. DIGITAL LIGHTING CONTROLS NOTES AND DETAIL:**

- **A.** Digital Lighting Controls:
  - Provide digital lighting controls to control lighting fixtures.
  - Provide digital lighting controls to control emergency lighting fixtures.

- **B.** Digital Lighting Controls — witches with number of buttons required.
  - Provide witches with the number of buttons required for each zone.

- **C.** Digital Lighting Controls — acceptable manufacturers.
  - Provide acceptable manufacturers for digital lighting controls.

**8. EMERGENCY LIGHTING CONTROL DETAIL:**

- **A.** Emergency Lighting Control:
  - Provide emergency lighting controls to control emergency lighting fixtures.

- **B.** Emergency Lighting Control — witches with number of buttons required.
  - Provide witches with the number of buttons required for each zone.

- **C.** Emergency Lighting Control — acceptable manufacturers.
  - Provide acceptable manufacturers for emergency lighting controls.

---

**LIGHTING FIXTURE SCHEDULE:**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
<th>MANUFACTURER</th>
<th>MODEL#</th>
<th>VOLT</th>
<th>COLOR</th>
<th>LUMENS</th>
<th>VA</th>
<th>COMMENTS</th>
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<tbody>
<tr>
<td>F</td>
<td>DIGITAL</td>
<td>3-BUTTON PER ZONE (ON/OFF, RAISE, LOWER). PROGRAM TO AUTOMATIC 100% ON, AUTOMATIC OFF AFTER 30 MINUTES.</td>
<td>XDC</td>
<td>LED Ceiling light</td>
<td>XDC</td>
<td>120 V</td>
<td>NA</td>
<td>0 VA</td>
<td>XDC EDGE LIGHT WALL MOUNT LED</td>
</tr>
<tr>
<td>O</td>
<td>DIGITAL</td>
<td>3-BUTTON PER ZONE (ON/OFF, RAISE, LOWER). PROGRAM TO AUTOMATIC 50% ON, AUTOMATIC OFF AFTER 30 MINUTES.</td>
<td>XDC</td>
<td>LED Ceiling light</td>
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<td>NA</td>
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<td>XDC EDGE LIT CEILING MOUNT LED</td>
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**LIGHTING INVERTER SCHEDULE:**

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<th>TYPE</th>
<th>SYMBOL</th>
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<th>MANUFACTURER</th>
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<tr>
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<td>3-BUTTON PER ZONE (ON/OFF, RAISE, LOWER). PROGRAM TO AUTOMATIC 100% ON, AUTOMATIC OFF AFTER 30 MINUTES.</td>
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<td>O</td>
<td>DIGITAL</td>
<td>3-BUTTON PER ZONE (ON/OFF, RAISE, LOWER). PROGRAM TO AUTOMATIC 50% ON, AUTOMATIC OFF AFTER 30 MINUTES.</td>
<td>XDC</td>
<td>LED Ceiling light</td>
<td>XDC</td>
<td>120 V</td>
<td>NA</td>
<td>0 VA</td>
<td>XDC EDGE LIT CEILING MOUNT LED</td>
</tr>
</tbody>
</table>
GENERAL LIGHTING NOTES:

1. Provide lighting at all interior and exterior locations per the needs of the building.
2. All lighting must be in compliance with applicable codes.
3. Lighting fixtures shall be listed for use in the environment in which they are installed.
4. All lighting fixtures shall be installed in accordance with the manufacturer's instructions.
5. Lighting fixtures shall be installed in such a manner as to provide adequate illumination.
6. Lighting fixtures shall be cleaned and maintained as necessary to ensure their proper function.
7. Lighting fixtures shall be installed in accordance with the manufacturer's instructions.

ALL EXTERIOR FIXTURES AT EGRESS DOORS SHALL BE CONNECTED TO THE LOCAL EMERGENCY LIGHTING CIRCUIT.
GENERAL LIGHTING NOTES:

1. LIGHTING PLAN IS SUBJECT TO CHANGE. DRAWINGS NOT TO SCALE.

2. LIGHTING MANUALS AND PRODUCT SPECIFICATIONS WILL BE PROVIDED TO THE ELECTRICAL CONTRACTOR.

3. LIGHTING FIXTURES WITH THE ZONE DESIGNATION 'DZ' INDICATES FIXTURES IN A DAYLIGHTING ZONE DESIGNATED GS-18. PLACEMENT AND MOUNTING HEIGHTS ARE TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR.

4. LIGHTING PLANS ARE TO BE REFERRED TO THE ELECTRICAL CONTRACTOR FOR LIGHT FIXTURE SCHEDULES.

5. LIGHT FIXTURES SHALL BE MOUNTED TO MEET CODE REQUIREMENTS. LIGHT FIXTURES SHALL BE INSTALLATION ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

6. LIGHT FIXTURES SHOWN ON FIRST STAIR LIGHTING REMAIN OF FLOOR LIGHTING. LIGHT FIXTURES SHOWN ON SECOND FLOOR LIGHTING PLAN SHOWN ON FIRST FLOOR LIGHTING PLAN.

7. GENERAL LIGHTING NOTES ARE TO BE REFERRED TO THE ELECTRICAL CONTRACTOR FOR LIGHT FIXTURE SCHEDULES.

8. LIGHTING FIXTURES FOR EMERGENCY LIGHTING WERE TO BE CONTROLLED BY PHOTOCELL UNLESS NOTED OTHERWISE. EMERGENCY LIGHTING ON INVERTER SHALL BE CONTROLLED BY PHOTOCELL UNLESS NOTED OTHERWISE. EMERGENCY LIGHTING ON INVERTER SHALL BE CONTROLLED BY PHOTOCELL UNLESS NOTED OTHERWISE. EMERGENCY LIGHTING ON INVERTER SHALL BE CONTROLLED BY PHOTOCELL UNLESS NOTED OTHERWISE.

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1. All exit signs shall be connected to an unswitched leg of the local emergency lighting circuit.

2. Electrical contractor shall set all occupancy and vacancy sensors throughout building in accordance with occupancy sensor settings schedule on plans.

3. Unless noted otherwise, emergency lighting on inverter shall be switched with local lighting via Bodine BLCD-20B transfer device or equivalent. Refer to emergency lighting detail for additional information.

4. All exterior fixtures at egress doors shall be connected to the emergency egress lighting circuit for that building. All exterior fixtures shall be relay controlled as indicated in relay schedules.

5. In mechanical rooms and I.T. closets, adjust light fixture locations as necessary for ductwork, equipment, racks, etc.

6. Exterior lighting shall be controlled by photoelectric cell unless noted otherwise.

7. Refer to architectural reflected ceiling plans and details for exact light fixture placement and mounting heights.

8. Light fixtures with the zone designation 'DZ' indicates fixtures in a daylighting zone.

General Lighting Notes:

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### Schedule Notes:

Receptacle 1080 VA 100.00% 1080 VA
Motor 27508 VA 100.00% 27508 VA
Heating 4500 VA 100.00% 4500 VA

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<th>Demand Factor</th>
<th>Estimated Panel Totals</th>
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| CK                  |                |               |                        |

#### Branch Panel: DE

Supply From: Mounting: NEMA 1

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#### Branch Panel: E

Supply From: Mounting: NEMA 1

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#### Branch Panel: F

Supply From: Mounting: NEMA 1

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**Branch Panel: DE**

- **Supply From:**
  - Mounting: NEMA 1

- **Total Amps:** 3 A
- **Total Load:** 3 A

**Branch Panel: E**

- **Supply From:**
  - Mounting: NEMA 1

- **Total Amps:** 77 A
- **Total Load:** 82 A

**Branch Panel: F**

- **Supply From:**
  - Mounting: NEMA 1

- **Total Amps:** 62 A
- **Total Load:** 22 kVA