### Table 1

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Type</td>
<td>Steel</td>
</tr>
<tr>
<td>Grade</td>
<td></td>
<td>A36</td>
</tr>
<tr>
<td>Thickness</td>
<td></td>
<td>1.5</td>
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### Table 2

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Length</td>
<td></td>
<td>3000</td>
</tr>
<tr>
<td>Width</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>Height</td>
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<td>500</td>
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### Table 3

<table>
<thead>
<tr>
<th>Parameter</th>
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<tbody>
<tr>
<td>Tensile</td>
<td>Strength</td>
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<tr>
<td>Compressive Strength</td>
<td></td>
<td>32000</td>
</tr>
<tr>
<td>Elongation</td>
<td></td>
<td>2.5</td>
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### Section 1

1. **General Information**
   - **Scope**: This document outlines the design and construction details for a steel structure.
   - **Materials**: The structure is designed using steel with a grade of A36 and a thickness of 1.5 inches.
   - **Dimensions**: The structure measures 3000x1500x500 mm.
   - **Strengths**: The structure has a tensile strength of 55000 MPa and a compressive strength of 32000 MPa.
   - **Elongation**: The elongation is 2.5%.

2. **Design Data**
   - **Characteristics**:
     - **Material Category**: Grade A36
     - **Yield Strength**: 55000 MPa
     - **Ultimate Strength**: 65000 MPa

3. **Section Design**
   - **Design Parameters**:
     - **Width**: 1500 mm
     - **Length**: 3000 mm
     - **Height**: 500 mm

4. **Fabrication**
   - This section includes detailed fabrication procedures to ensure the structure meets the design specifications.
FOUNDATION / SLAB PLAN

1. GATE ELEVATION SHOWN AS TOP OF TRENCH WALL AND TOP OF TRENCH COVER FOR ACTUAL ELEVATION SEE ONE SHEET.
2. GROUND COVER SHALL BE DETERMINED BY GENERAL SITE FILL MATERIAL AND CLIMATE CONDITIONS. GROUND COVER MUST BE MAINTAINED AT MAXIMUM 6" THICK.
DOOR MONORAIL SUPPORT BRACKET DETAILS

DETAIL: 3/4" x 1" x 24"
NOTES
1. Conduit must enter the wall near single point ground bar. As part of entry into the magazine, box must connect to single point ground bar with #4/0 bare Cu.
2. Lighting type "B" fixtures shall be fed from circuit P1-20. Lighting fixture type "C" fixtures shall be fed from circuit P1-11 and controlled by local switches "F" and "G" as indicated.
3. Lighting type "A" fixtures shall be mounted to the structural support angles located on the front of the canopy. Coordinate exact location of structural support angles with the structural drawings.

LIGHTING PLAN
SCALE 1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE

<table>
<thead>
<tr>
<th>FIXTURE SYMBOL</th>
<th>SKETCH NO. &amp; TYPE</th>
<th>NUMBER AND TYPE OF LAMPS</th>
<th>VOLTAGE</th>
<th>MOUNTING</th>
<th>NOTES</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>90-10-20</td>
<td>4 (60/60)</td>
<td>120</td>
<td>CEILING MOUNT</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>90-10</td>
<td>50 (60/60)</td>
<td>120</td>
<td>WALL MOUNTED</td>
<td>2, 3, 4</td>
</tr>
<tr>
<td>C</td>
<td>1700-10</td>
<td>120</td>
<td>120</td>
<td>WALL MOUNTED</td>
<td>5</td>
</tr>
</tbody>
</table>

LIGHTING FIXTURE SCHEDULE NOTES
1. Provide with low watt bulb.
2. Provide with mechanical control.
3. Provide full cut-off luminaire with fixture.
5. Photo luminaire.

GRAPHIC SCALE
1/8"=1'-0"
NOTES

1. PLACE EARTH GROUNDS SO EARTH GROUND WIRING IS BURIED AT LEAST 18" DEEP.

2. PROVIDE INSULATION PROTECTION POINTS AS SHOWN ON THE PLAN. THE MINIMUM SPACING SHALL BE 16'-0".

3. PROVIDE OPENING BETWEEN CONDUIT AND RWH (Rough Wiring Harness) ON EACH SIDE OF THE ROOM AS REQUIRED.

4. PROVIDE EARTH GROUND RIBBON AND EARTH GROUND CONDUCTORS IN AWAY FROM ELECTRICAL WIRING AND TO GROUND TEST WALL AS REQUIRED. PROVIDE A MARKER AND REMARKABLE TO.

5. PROVIDE EARTH GROUND EARTH BETWEEN EARTH GROUND AND WIRE AS THE SINGLE POINT EARTH GROUND FOR ELECTRICAL SERVICE.

6. PROVIDE BONDING CONNECTIONS ACROSS CONSTRUCTION JOINTS WHEN THEY ARE USED.

GROUNDING PLAN

SCALE: 1/8" = 1'-0"

NOTES TO DESIGNER

1. DETERMINE THE LOCATION TEST WELL LOCATION ALONG THE PROJECT ROAD AND CONSIDER PROPERTY Access TO THE TEST Wells OTHER THE INSTALLATION LOCATION.
NOTES TO DESIGNER

1. The basis for design for the snow melting system on this drawing is a heat density of 600 BTU per hour for all areas, except smoking areas, where snow melting is to be installed. Shall use the proposed heat density for that particular design area as per the Arizona Snow Melt Code Chapter 15-VI.

2. Heat trace circuits are underground outside of facades do not need to be connected to the single point ground bar (SPGB).

HEAT TRACE PLAN

Scale: 1/8" = 1'-0"

GRAPHIC SCALE

1/8" = 1'-0"