
Connector Plate for 8-Inch IWCB

1. Scope

This standard covers the fabrication requirements for aluminum alloy connector plates.
This standard applies to Seattle City Light (SCL) Stock No. 680860.

2. Application

Connector plates are bolted to integral web channel bus (IWCB) to create attachment points for electrical connectors. Bus of this type is used exclusively in the network system.

3. Requirements

Product shall be fabricated from aluminum plate of one of the following the alloys:

6061-T6
6061-T651

Note: Seattle City Light stocks aluminum plate meeting these requirements (Stock No. 630052).

Finished product shall be free of sharp edges, sharp corners and burrs.

Product shall be fabricated according to Figure 1.

Maximum allowable tolerances shall be as cited in Figure 1.

4. Packaging

Each standard package shall be legibly marked with the following information

- Fabricator's identification
- Seattle City Light's stock number
- Quantity contained.

Each shipping container shall be legibly marked with the following information

- Fabricator's identification
- Seattle City Light's purchase order number
- Seattle City Light's stock number.

5. Issuance

Stock Unit: EA

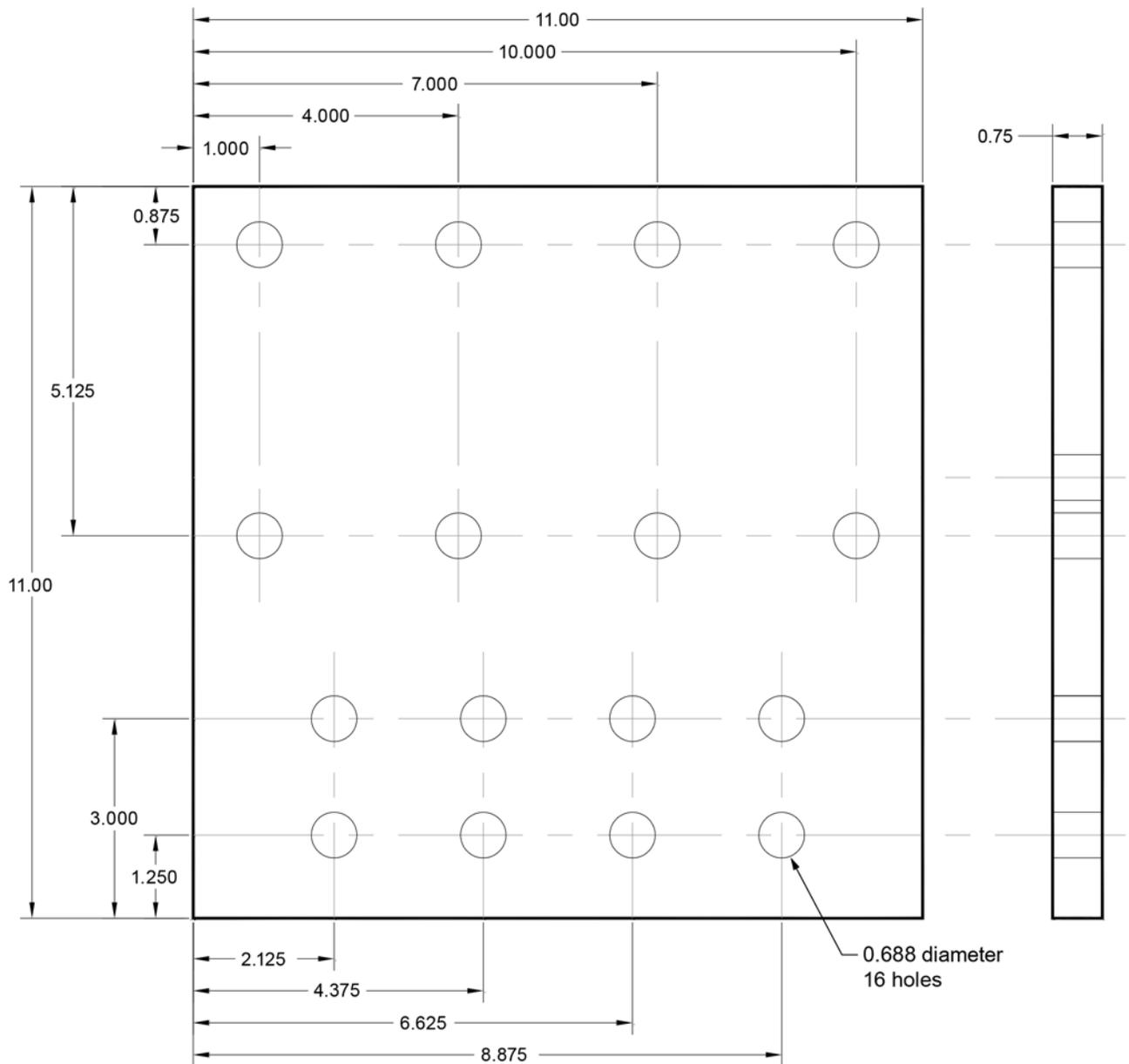


6. Approved Manufacturers

Seattle City Light's Machine Shop is an approved fabricator.

Seattle City Light Material Control personnel may identify and approve alternate, external fabricators.

Figure 1. Connector Plate Dimensions



Notes

1. All dimensions are in inches.
2. Maximum allowable tolerances are as follows:
 - Length, width: ± 0.063 in
 - Thickness, edge radius easing, hole diameter: ± 0.031 in