



**SERVICE ENTRANCE FROM UNDERGROUND  
VAULT USING BUS BARS**

**041352**

<b>Asset Type:</b> Electric Distribution	<b>Function:</b> Design and Construction
<b>Issued by:</b> Mike Thibault (MLTC) <i>Mike Thibault</i>	<b>Date:</b> 11-01-18

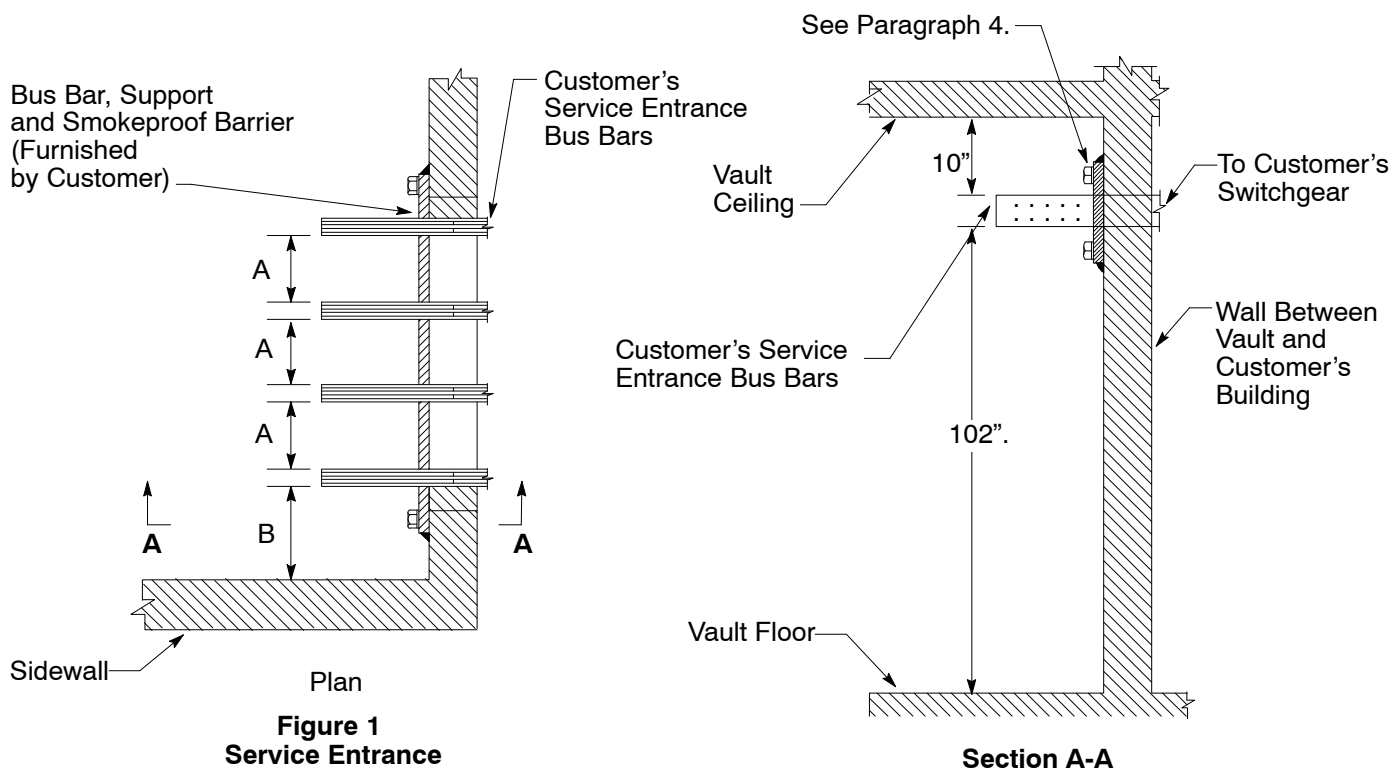
**Rev. #02:** This document replaces Document 041352, Rev. #01. For a description of changes, see Page 2.

**Purpose and Scope:**

The purpose of this document is to illustrate the preferred method of installing a service entrance from an underground vault using bus bars.

**General Information:**

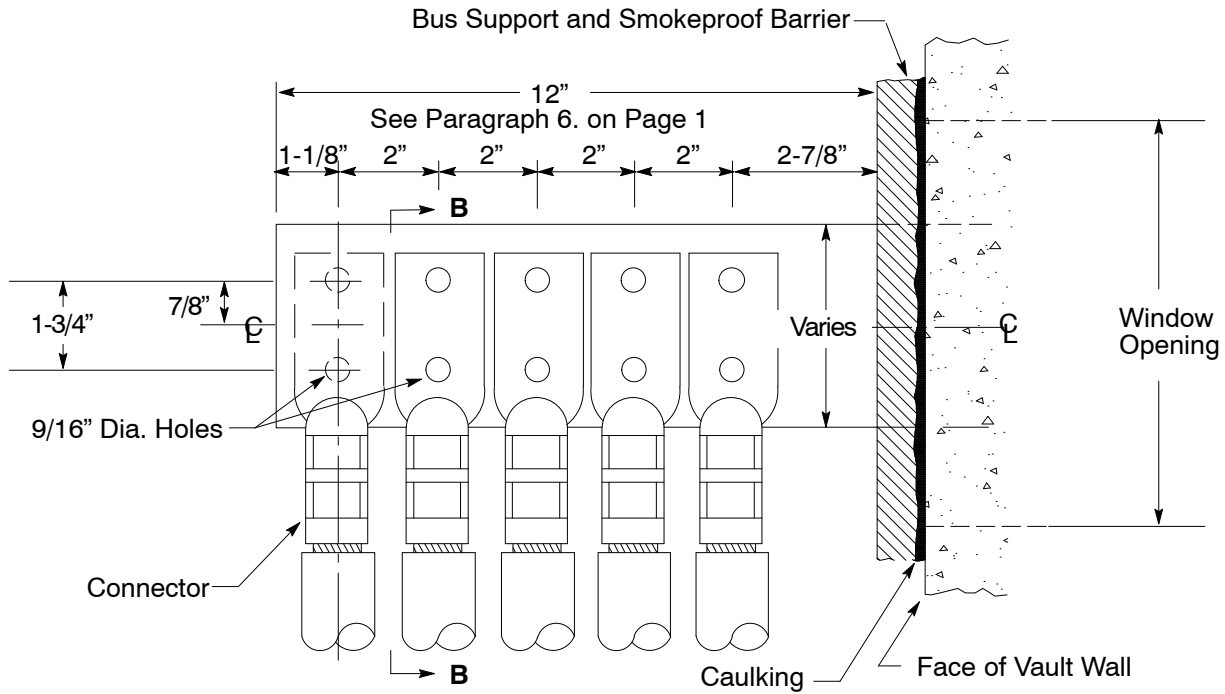
1. Customer shall drill bus bars to fit connectors furnished by PG&E.
2. If the above configuration or dimensions illustrated in this document are impracticable because of physical or other limitations, consult PG&E.
3. For customer-owned underground vaults, consult PG&E.
4. All exposed grounded metal bolts within 10" of bus bars shall be suitably insulated.
5. For bus rated at less than 3,000 Amps, bus bars may extend less than 12" from bus support and smokeproof barrier. Consult PG&E.
6. Barrier not needed if firestop supports the bus and is smokeproof.



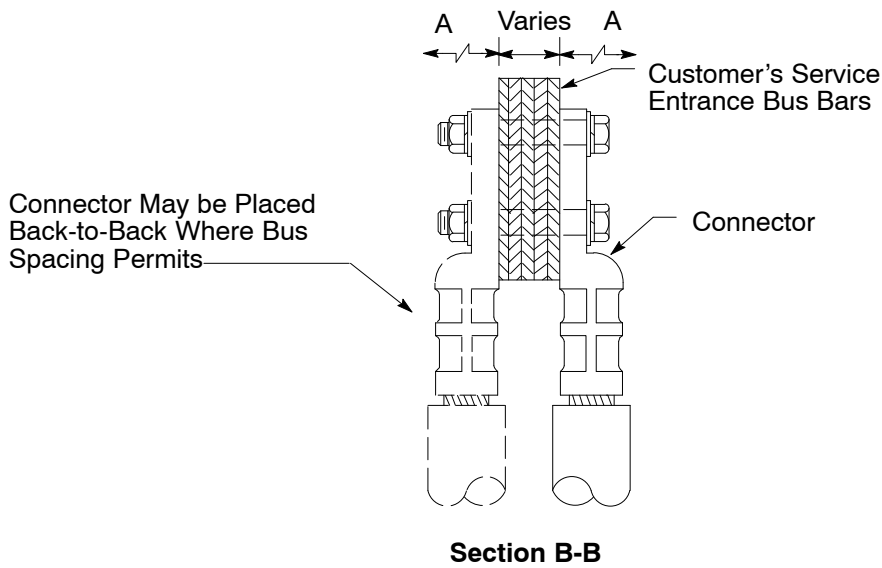
**Figure 1  
Service Entrance**

**Section A-A**

Service Entrance From Underground Vault Using Bus Bars



**Figure 2**  
**Connection to Customers Bus Bar**



**Section B-B**

This document is also seen in Section 15 of the Electric and Gas Service Requirements (“Green Book”) and in Section 13 of the Electric Meterman’s Manual.

**Revision Notes:**

Revision 02 has the following changes:

1. Revised Section A–A on Page 1 to conform to Drawing 057521, Detail G.
2. Removed Table 1 on Page 2.