

REVISED Special Provision 27

**27. METAL VAULT COVER, 4'x4', Item 312 991
METAL VAULT COVER, 4'x7', Item 312 991**

This SP supplements Section 312.

312.01 DESCRIPTION

Add the following:

D. REPLACE METAL VAULT COVER.

Work consists of removal and replacement of the existing metal vault covers, including frames, and shutters on the East sidewalk of Connecticut Avenue, between DuPont Circle and N Street, with new metal frames and shutters of the same overall dimensions.

Similar vaults on any other locations within the Project area could be included as part of this work.

Contractor shall not start work under this SP without prior approval of the Contracting Officer

312.02 MATERIALS

Add the following:

Vault Cover:

- a) Cover and frame: 1/4" (6 mm) aluminum
- b) **Cover:** Diamond-pattern tread plate reinforced for 150 psf (732 kg/m²) live load.
- c) **Frame:** Extruded aluminum angle frame with strap anchors bolted around the perimeter.
- d) **Hinges:** Cast steel cam-action hinges that are concealed from the exterior of the door.
- e) **Latch:** Type 316 stainless steel slam lock with fixed interior handle and removable exterior turn/lift handle.
- f) **Lift Assistance:** Torsion bars that pivot on cam-action hinges. Automatic hold-open arm with grip handle release.
- g) **Finish:** Mill Finish aluminum with a bituminous coating applied to the exterior of the frame.
- h) **Hardware:** Zinc plated/chromate sealed

312.03 CONSTRUCTION REQUIREMENTS

Add the following:

B. REPLACE METAL VAULT COVER

The Contractor shall take exact measurements of the existing frame and cover of each Vault cover and submit shop drawings and catalogues for review and obtain approval before

materials are ordered. Approximate measurements of the existing Vault covers are as follows:

Metal Vault Frame & Cover, 4'x4'

Metal Vault Frame & Cover, 4'x7'.

All covers shall be double leaf.

The cover shall have no parts such as hinges projecting up and shall be ADA compliant and leak proof.

Vaults may provide access for adjacent properties and shall be coordinated with the owners.

The contractor shall be responsible to make good any damage to the existing vaults to the satisfaction of the owner and the COTR.

312.04 MEASURE AND PAYMENT

Add the following:

D. REPLACE METAL VAULT COVER.

Add the following sentence:

The unit of Measure for Metal Vault Cover will be EACH. Payment for Metal Vault Cover finished and placed will be made at the contract unit price per each, which payment will include all labor, materials, tools, equipment and incidentals including removal and disposal of existing materials needed to complete the work as specified and approved. The price also includes the repair / reconstruction of the wall top in order to install the frame and also coordinating the work with the owner of the adjacent building who owns the vault.