

**Item No. 507S
Bulkheads**

507S.1 Description

This item shall govern furnishing and installing plywood or end caps as a temporary utility plug at locations indicated on the Drawings or as directed by the Engineer or designated representative. The work will be placed in conjunction with installation of a pipe where a continuation of the utility system will be performed later.

This specification is applicable for projects or work involving either inch-pound or SI units. Within the text, the inch-pound units are given preference followed by SI units shown within parentheses.

507S.2 Submittals

The submittal requirements of this specification item include the type (wood, plastic, rubber, etc.) and application (pipe characteristics and location) of bulkheads.

507S.3 Material

Plywood shall be construction grade, 3/4 inch (19 mm) thick and need not be new or treated. End caps may be plastic, vitrified clay pipe, rubber or concrete.

507S.4 Construction Methods

After installation of the utility requiring temporary bulkheading, an end cap or a section of plywood, having dimensions at least 6 inches (150 mm) in excess of the outside pipe diameter shall be attached to the exposed bell or spigot and backfilled immediately after installation. Care shall be exercised to prevent the backfill material from entering the pipe.

Bulkheads used with staged construction shall be sound, reasonably free of knots and warps and have a 3 inch (75 mm) nominal thickness.

507S.5 Measurement and Payment

Bulkheading will not be measured and paid for separately but shall be included in the unit price bid for the item of construction in which this item is used.

END

<i>RELATED</i> Cross Reference Materials
Standard Specification Item No. 507S, "Bulkheads"

City of Austin Utilities Criteria Manual

<u>Designation</u>	<u>Description</u>
Section 2	Water and Wastewater Design Criteria

City of Austin Standard Specification

<u>Designation</u>	<u>Description</u>
Item No. 506	Manholes
Item No. 510	Pipe

City of Austin Standard Details

<u>Designation</u>	<u>Description</u>
506S-1	Manhole Invert Plan
506S-5	Typical Box Manhole 750 mm (30") and Larger Pipe
506S-7	Precast Manhole with Drop Inlet
506S-8	Precast Manhole with Drop Inlet on Precast Base
506S-9	Precast Manhole On Cast-In-Place Foundation
506S-10	Wastewater Manhole on Precast Base
506S-11	Storm Sewer Manhole Details