



**Purchasing Department
113 Mable T. Willis Blvd.
Walterboro, SC 29488
843.782.0504**

**BID: FR-23
SMOAKS FIRE STATION 7
RENOVATION and EXPANSION**

Due: Tuesday, December 17, 2019 at 3:00pm

**ADDENDUM 1
DATED: DECEMBER 10, 2019**

The following questions have been submitted for clarification:

- 1) Will any Civil Drawings be issued? **Answer:** NO.
- 2) The geotechnical report indicated that the extent of unsuitable soils will be determined during construction by ECS. Is there a specific cubic yardage that we should include in our bid or a unit price that is needed? **Answer:** Provide Unit Price No. 1 for Muck & Backfill, cost per cubic yard.

The Contractor is responsible for removal of 12" of existing top soils at concrete slab and deeper at footings. The contractor is responsible for placement of appropriate structural fill and compaction per the Geotechnical Report to provide correct subgrade elevation for installation of 4" granular layer.

- 3) The report also notes that Liquefaction is present. How would you like us to prepare our proposals for this? **Answer:** The structural design takes into account the findings and stated recommendation in the report. The structural general notes that all site preparation shall be per recommendations of the Geotechnical Report (to include 4" granular layer below the footings and slab).
- 4) Can Zurn TG33 trap guards be used in lieu of trap primers? **Answer:** If a trap guard is used in lieu of a trap primer, it has to be ASSE 1072 certified, such as the attached product.



Z1072

ZShield™ BARRIER TRAP SEAL DEVICE FOR FLOOR DRAINS

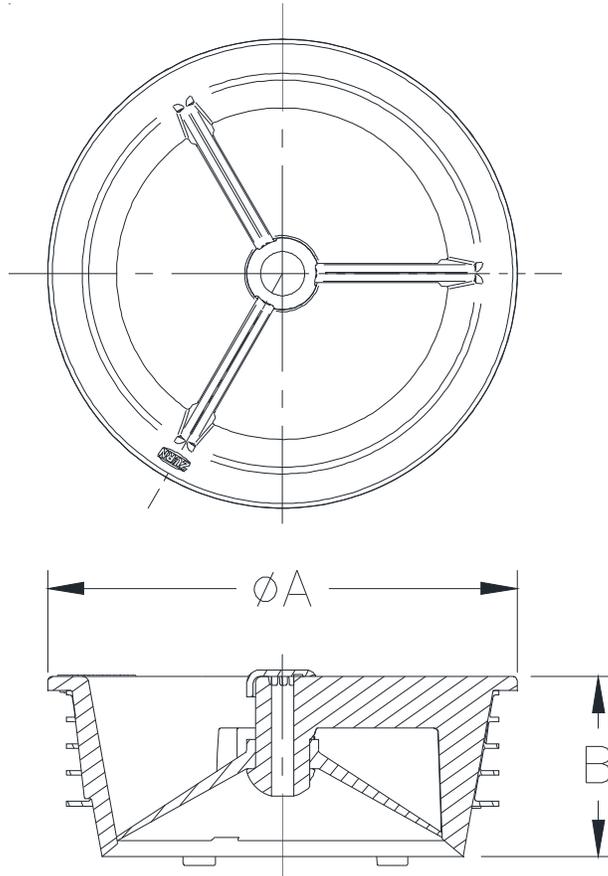
SPECIFICATION SHEET

TAG _____

Dimensional Data (inches and [mm]) are Subject to Manufacturing Tolerances and Change Without Notice

**PATENT
PENDING**

Z1072-4 Illustrated



Product Designation	Dimensions in Inches [mm]		ASSE 1072 Required Flow Rate G.P.M [L.P.M]
	A	B	
-2	2.20 [56]	1.22 [31]	12 [45.4]
-3	3.25 [83]	1.25 [32]	34 [128.7]
-3.5	3.53 [90]	1.30 [33]	52 [196.8]
-4	4.13 [105]	1.30 [33]	73 [276.4]

ENGINEERING SPECIFICATION: ZURN Z1072

ZShield™ Barrier trap seal device for use with floor drains to minimize trap evaporation. Product is comprised of an ABS rigid structure, silicone gasket and seal for 2" [51 mm], 3" [76 mm], 3-1/2" [89 mm], and 4" [102 mm] sizes. Device is engineered to comply with the performance requirements of ASSE 1072 standard and is third party listed with IAPMO (UPC), ICC (ICC cES PMG) and ASSE.

OPTIONS (Check/specify appropriate options)

- ___ -2 Barrier Trap Seal for 2 [51] Pipe/Outlet
- ___ -3 Barrier Trap Seal for 3 [76] Pipe/Outlet
- ___ -3.5 Barrier Trap Seal for 3-1/2 [89] Pipe/Outlet
- ___ -4 Barrier Trap Seal for 4 [102] Pipe/Outlet

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

⚠ ADVERTENCIA: Cáncer y daño reproductivo - www.P65Warnings.ca.gov

⚠ AVERTISSEMENT: Cancer et effets néfastes sur la reproduction - www.P65Warnings.ca.gov

* Regularly furnished unless otherwise specified.