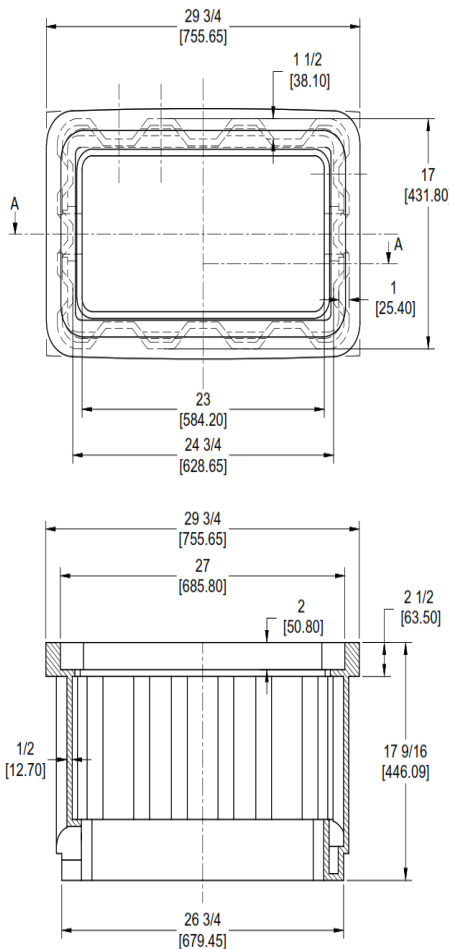




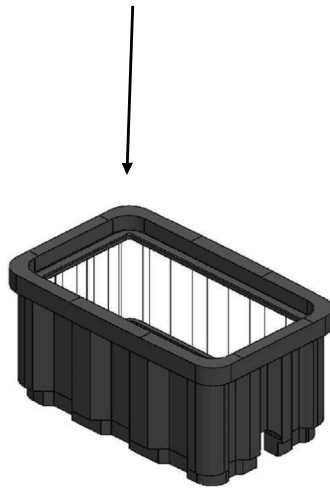
Raven HDPE Products

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RMB152712-SW-W Specifications with LC1527R-D Ductile Iron Lid



Black Exterior
and
Bright White Interior



Manufacture Process:

RMB152712-SW-W: Sigma Straight Wall Meter Boxes are produced using Polyethylene regrind and virgin resins in a series of LAMINATED WALLS with an optional white interior coating. The outer wall is LAMINATED to the interior wall providing greater side load-bearing capacity. When the two walls are laminated together the Molecular Structure (fibers) from each wall are crossed, creating a dual layer of much greater strength and wall thickness. Wall thickness shall be 1/2" and such that when buried, it will support an incidental traffic load with an appropriate traffic rated lid. The box will have two pre-formed pipe entry areas, located at the center of each end (short side) of the box.

LC1527R-D: Sigma Lid is manufactured in Ductile Iron as per ASTM, A 536. The material grade is permanently cast on the Lid. The box and lid together are tested in compliance with AASHTO H20 Standard and meets the minimum H20 loading requirements. Lid possesses a 6"x9" reader door for ease of meter reading.

Interior: Interior shall be smooth and made of bright White polyethylene.

Settling: Straight Wall Meter Box shall have an integral flat a settling plate around the base

Lids: Straight Wall Meter Box will accept all standard covers. (also, AMR lids). Lid will have a textured non-slip surface.

Load Testing:

Vertical Load Test: Vertical load is distributed over a 229mm (9 inch) x 229mm (9inch) area. The load is to be applied with a 229mm (9 inch) x 229mm (9inch) x 25mm (1 inch) thick steel load plate backed with a 13mm (1/2 inch) thick rubber shim.

Vertical crush will exceed 20,000 pounds.