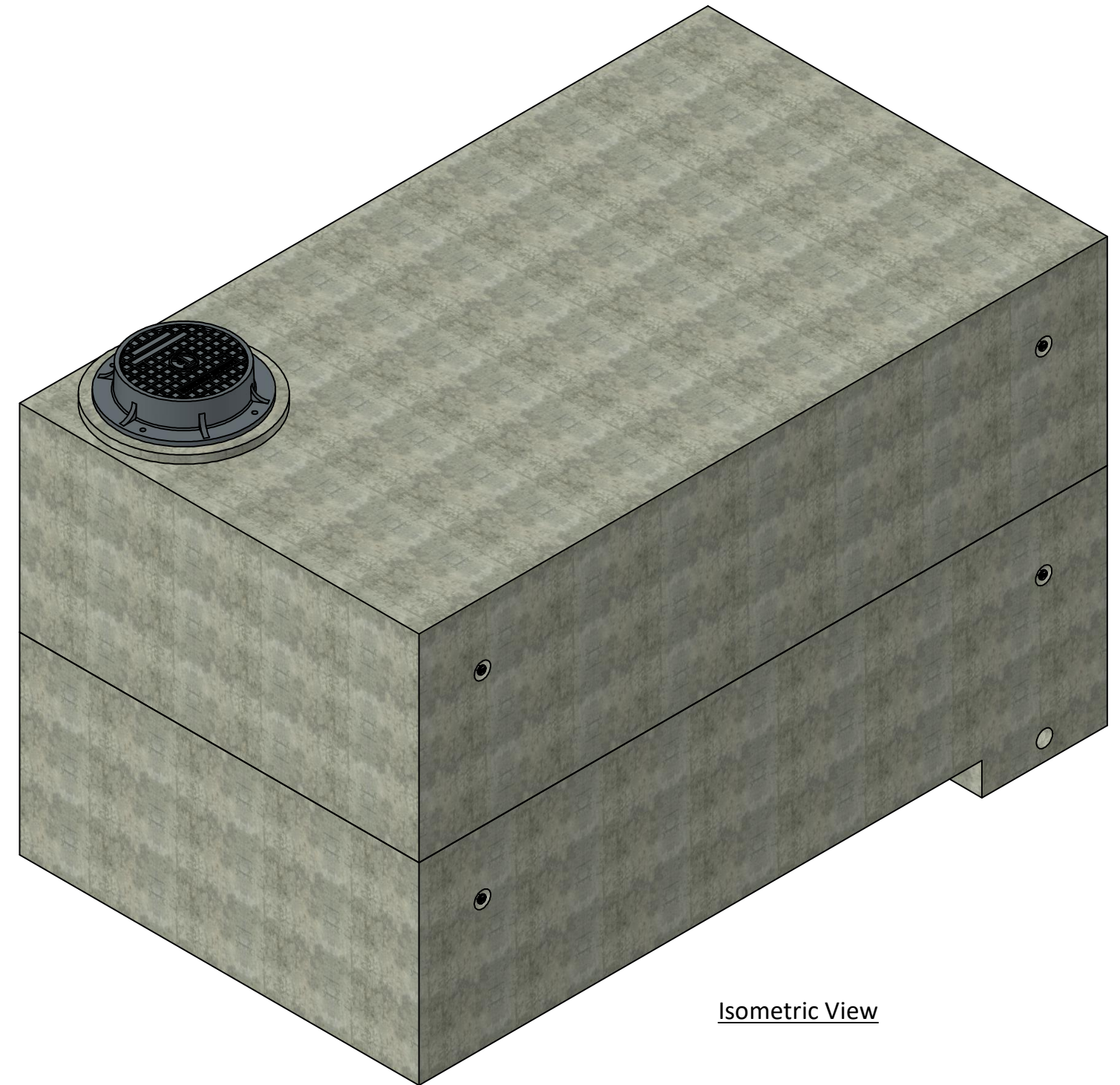


PART LIST			
ITEM	QTY	PART NUMBER	MASS
1	1	Bottom Section	11348.9 kg
2	1	Top Section	12466.6 kg
3	1	Spacer Ring 635 x 51	46.3 kg
4	7	P-14938 Ladder Rung	0.2 kg
5	1	TR 18 Cover	55 kg
6	1	TR 18 Frame	121.9 kg
7	8	7.5T x 140mm Lifting Insert	0.8 kg
8	1	Grate	3.3 kg



Isometric View

Notes:

- 4212 Reinforced concrete water meter chamber is built as shown.
- Unit designed to withstand BCL-625 or AASHTO HS20 live loading.
- Concrete vault designed for the following earth covers:
Minimum: 0 m.
Maximum: 1.2 m.
- Unit supplied with an opening for access as required.
- Unit supplied with ladder rungs as required.
- Unit supplied with lifting insert as required. Starcon style min. 7.5T x 140mm Lifting Insert to be used.
Note: Sling angle to the vertical is no more than 15°.
- Unit to be installed with Con-Seal 202- Butyl Rubber Sealant for a watertight joint.
- Minimum rebar yield strength: 400 MPa. (Steel Grade: CSA G30.18-400 Weldable)
- Bottom chamber supplied with trench, complete with grate as shown.
- Unit supplied with Ø102 mm drainage hole as shown.
- Minimum concrete strength: 35 MPa.
- Vault interior can be supplied with white paint for improved visibility and cleanliness/cleanliness and the exterior can be damproofed using CS-55 or an approved equivalent.
- All dimensions are in millimeters unless otherwise specified.

Amrize Canada Inc. BC Pipe and Precast are certified Q-Cast Plants, an American Concrete Pipe Association Third Party Certification for the manufacture of Pipe, Manhole, Box Culvert and Precast Items.



All Dimensions are in Millimeters. Unless otherwise Stated



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DESCRIPTION:

4212 Water Meter Chamber
Standard Drawing
Unit Designed for Max Depth of 1.2m
BCL625 Loading

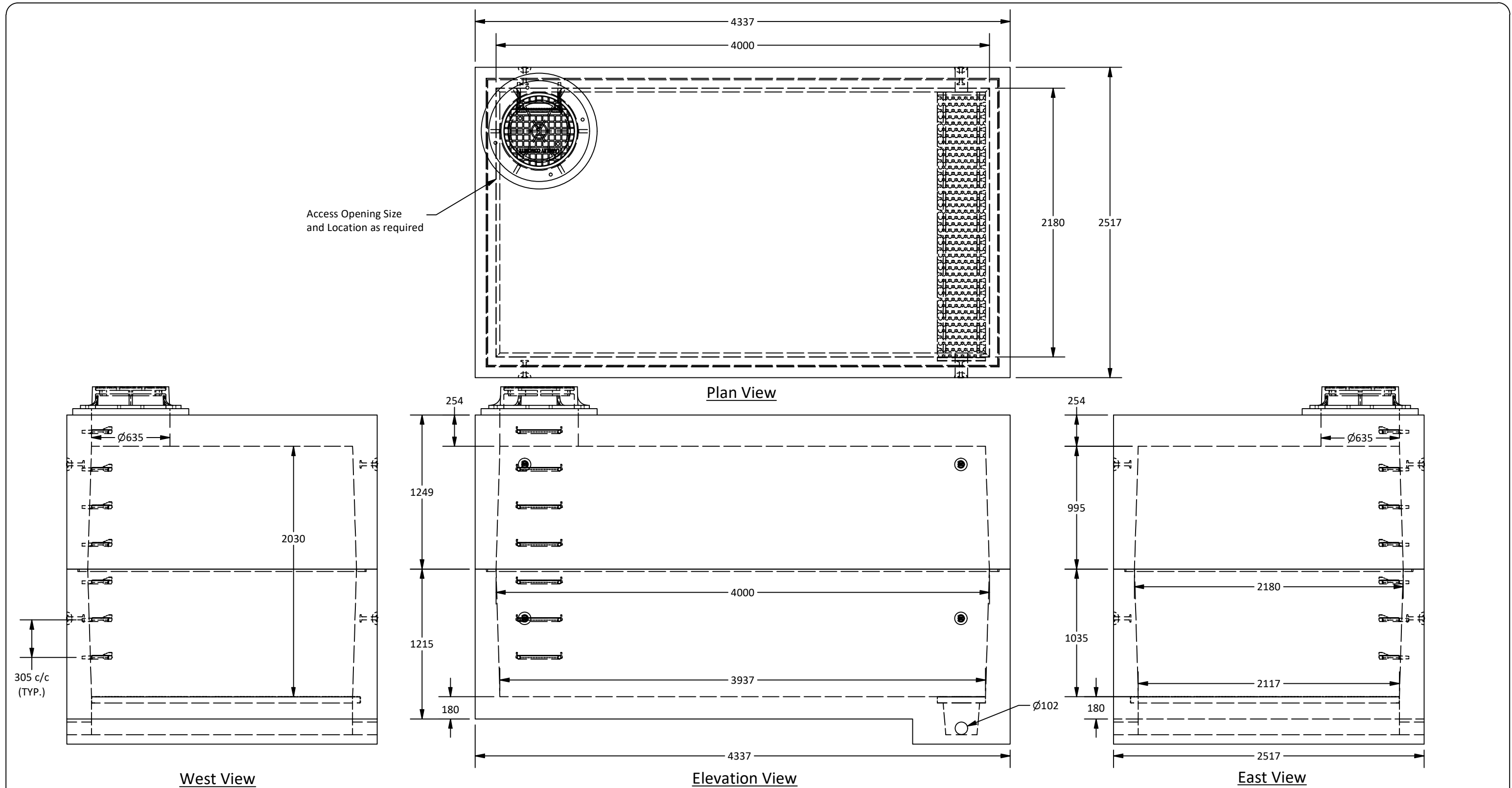
DRAWN BY: SR	DWG NO.: N/A
CHK BY: MP	JOB NO.: 4212-WM-STD
DATE: 16-Sep-25	SO NO.:
SCALE: 1:25	REV.:
SIZE: 11 x 17	SHEET 1 OF 2

Quality Assurance of products manufactured by Amrize Canada Inc. BC Pipe and Precast has been verified by the following third party certification programs.



Projection Method:
THIRD ANGLE





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<p>Quality Assurance of products manufactured by Amrize Canada Inc. BC Pipe and Precast has been verified by the following third party certification programs.</p> 	<p>Projection Method: THIRD ANGLE</p> 			<p>CHK BY: MP</p>	<p>JOB NO.: 4212-WM-STD</p>
				<p>DATE: 16-Sep-25</p>	<p>SO NO.:</p>
				<p>SCALE: 1:30</p> <p>SIZE: 11 x 17</p>	<p>REV.:</p> <p style="text-align: right;">SHEET 2 OF 2</p>