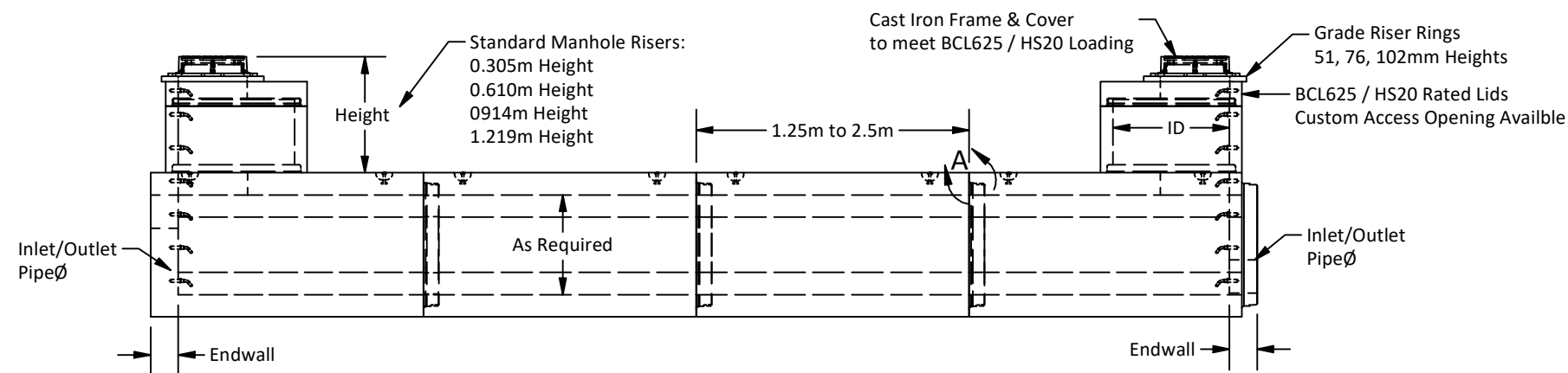
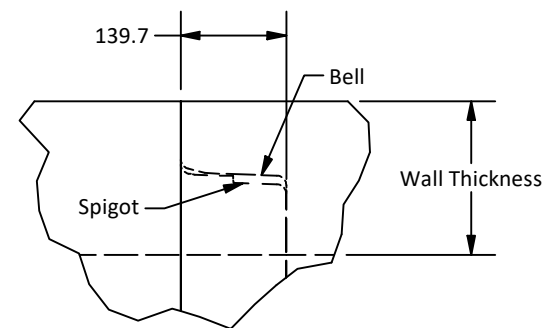
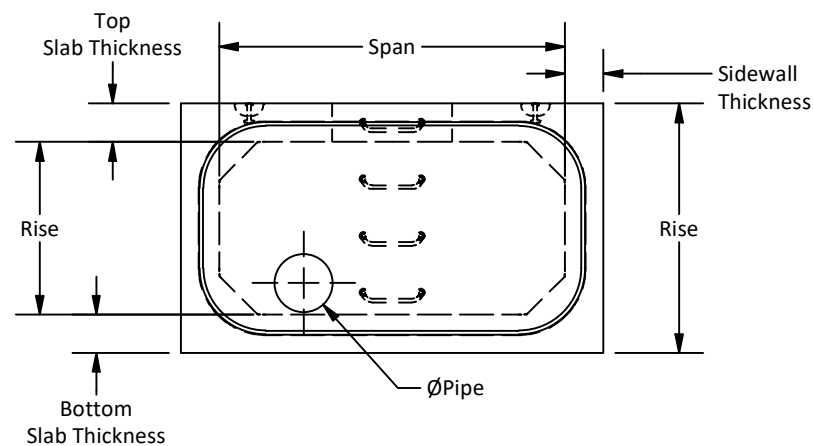


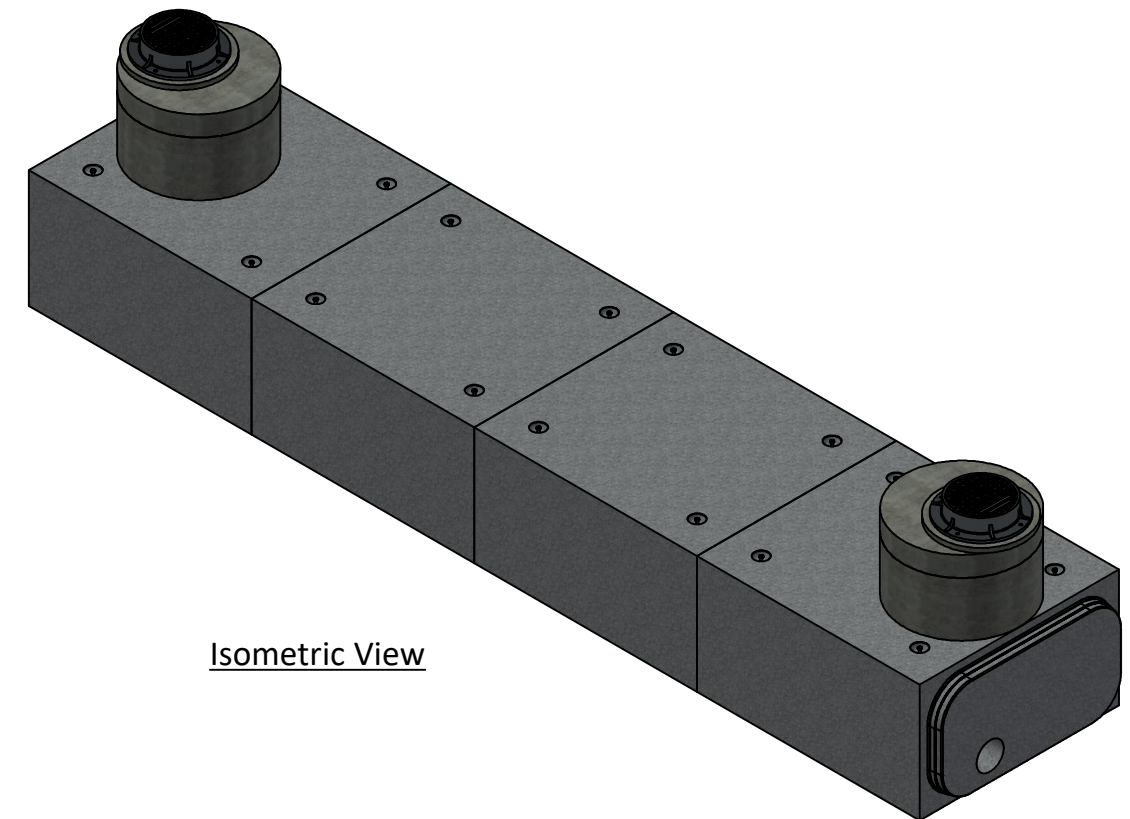
Plan View



Elevation View



**Detail A
Joint Detail
Scale 1:10**



Notes:

1. Box culverts are manufactured in accordance with the ASTM C1433/C1433M specification.
2. Box culverts are designed to meet the required design codes and can be manufactured to comply with ASTM C1433, AASHTO, CHBDC, and BC MOT specifications.
3. Units are designed to withstand BCL-625, AASHTO HS20, or E90 live loads. (other loading options available upon request).
4. Supplied with TSS gaskets. See the HK TSS gasket information on our website.
5. Box culvert detention tanks can be configured for differing access sizes, inlet/outlet cores for pipes, etc.
6. Box culvert detention tanks are easily maintained through access ports provided in tops.
7. Box culverts are produced in a wide range of sizes according to amount of volume to be detained.
8. Unit can be supplied with ladder rungs.
9. Supplied with a Starcon-style lifting insert as required.
Note: Sling angle to vertical must not exceed 15°.
10. Minimum WWF yield strength: 400 MPa.
11. Minimum concrete strength meets or exceeds ASTM specifications.
12. For standard box sizes, see DWG NO: BOX-1.0
13. 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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DUNCAN (250) 478-9581

DESCRIPTION:

**Detention Tank Application Using
Precast Reinforced Concrete Box Culvert
with Pre-Lubricated TSS Gasketed Joint**

DRAWN BY: SR	DWG NO.: Box-Det
CHK BY: MP	JOB NO.:
DATE: 11-Jul-25	SO NO.:
SCALE: 1:60	REV.:
SIZE: 11 x 17	SHEET 1 OF 1

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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