

REV.C

426

120°

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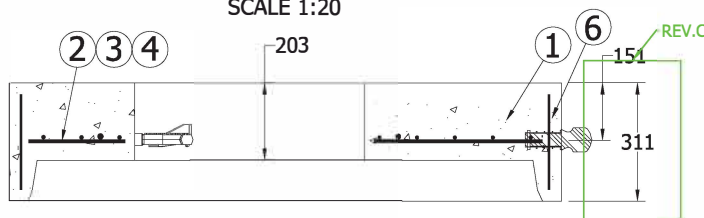
608

912

120°

5

PLAN VIEW
SCALE 1:20



The technical drawings illustrate the dimensions and assembly of a rectangular duct joint. The leftmost drawing shows a side view of the duct with dimensions: 51 (total width), 6 (flange thickness), 64 (flange width), 64 (duct height), and 44 (bottom flange height). The middle drawing shows a cross-section of the joint with dimensions: 82 (total height), 30 (bottom flange height), 38 (flange width), 13 (gap between flanges), and 57 (total width). The rightmost drawing shows a cross-section of the joint with labels: 'Gasket (by others)' pointing to the gasket and 'Mastic (by others)' pointing to the mastic sealant.

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705

BOTTOM REINFORCEMENT PLAN VIEW

SCALE 1:20

REV.C

Lifting Detail

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.18.2.
3. Min. concrete compressive strength 30 MPa with Max. W/C ratio of 0.5
4. Gasket to ASTM C-443 specification (by others).
5. Concrete cover to be Min.25mm.
6. All dimensions to be millimeter.
7. Welded wire mesh overlap to be 300mm.
8. Manhole design and construction to MMCD manhole specification section 02725.
9. Manufacturing tolerance to be ± 5 mm.
10. Concrete Exposure Class to be A-3
11. Min. Stripping Strength to be 15MPa
12. All Form Finish to be Standard Grade
13. All Unformed Finish to be Steel Trowelled Finish or Wood Float Finish
14. Lifting cable and accessories to meet the strength requirement in lifting detail
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15



1219 ID Donut Lid Hatch Opening

48 Donut Lid Hatch Opening 1190 #

Estimated Weight 1190 lbs

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Sheet No. 1 OF 1