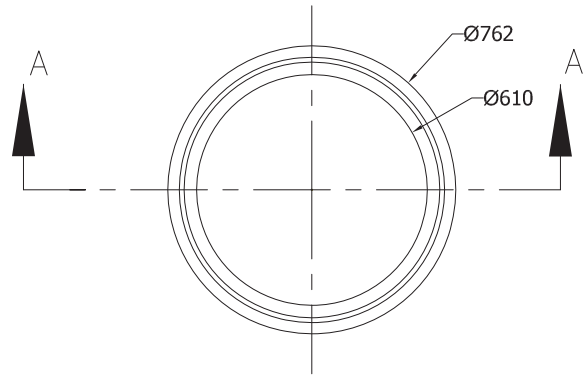
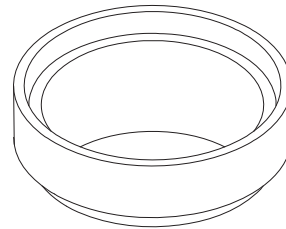


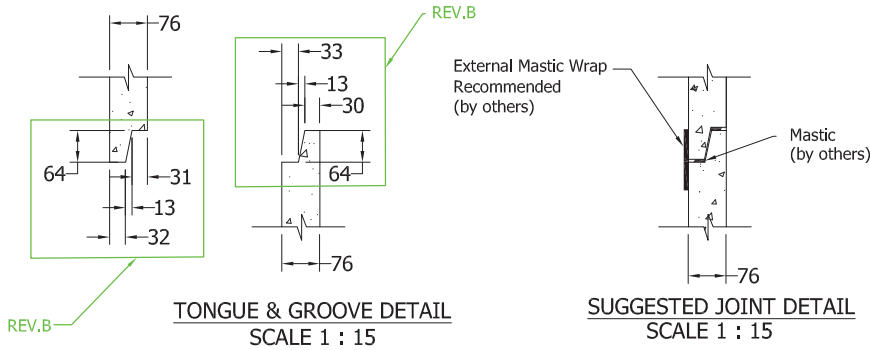
SECTION A-A
SCALE 1:20



PLAN VIEW
SCALE 1:20



3D VIEW



TONGUE & GROOVE DETAIL
SCALE 1 : 15

SUGGESTED JOINT DETAIL
SCALE 1 : 15

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.1&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 +/- 5mm.
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



Description:

610 ID x 152 H Riser T&G

24"ID x 06"H Riser T&G #128

Project:

Drawn :

D.L

Date :

22/08/2016

Catalog No.

2406R

Approved :

V.W.

Load Rating:

N/A

Dwg. No.

24-01

Rev. No.

B

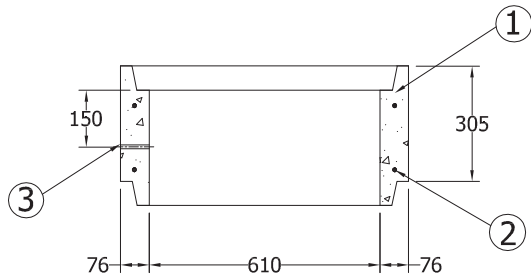
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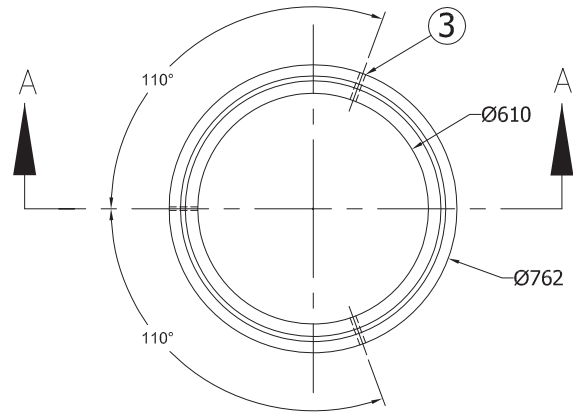
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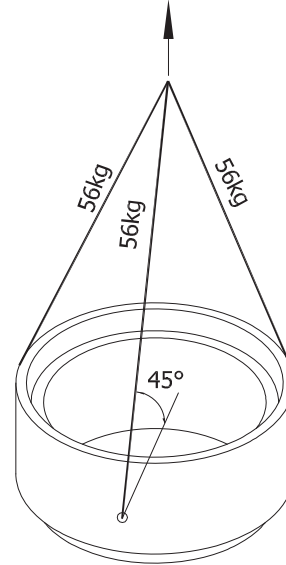
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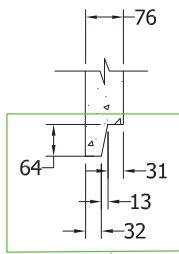
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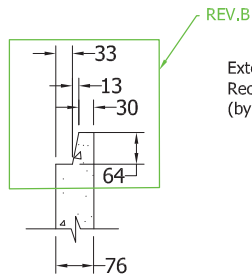
PLAN VIEW
SCALE 1:20



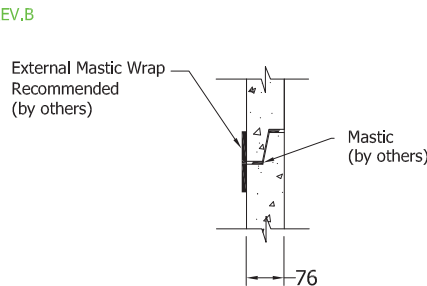
3D VIEW



TONGUE & GROOVE DETAIL
SCALE 1 : 15



SUGGESTED JOINT DETAIL
SCALE 1 : 15



Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.1&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 +/- 5mm.
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



Description:

610 ID x 305 H Riser T&G (TPL)

24"ID x 12"H Riser T&G #260

Project:

Drawn :

D.L

Date :

22/08/2016

Catalog No.

2412R

Approved :

V.W.

Load Rating:

N/A

Dwg. No.

24-02

Rev. No.

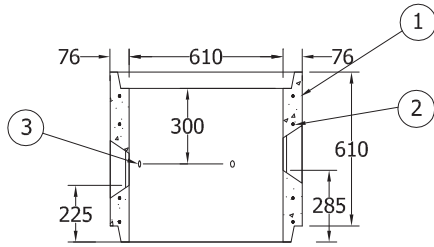
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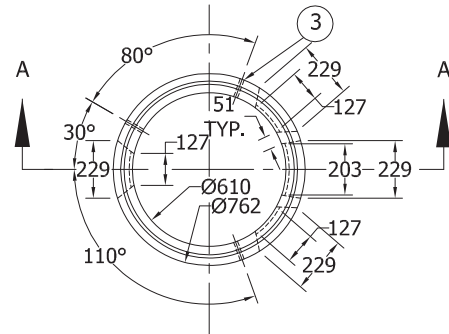
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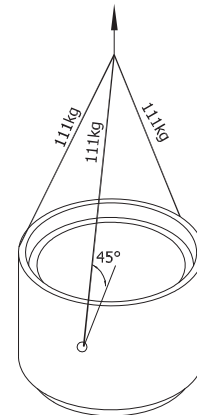
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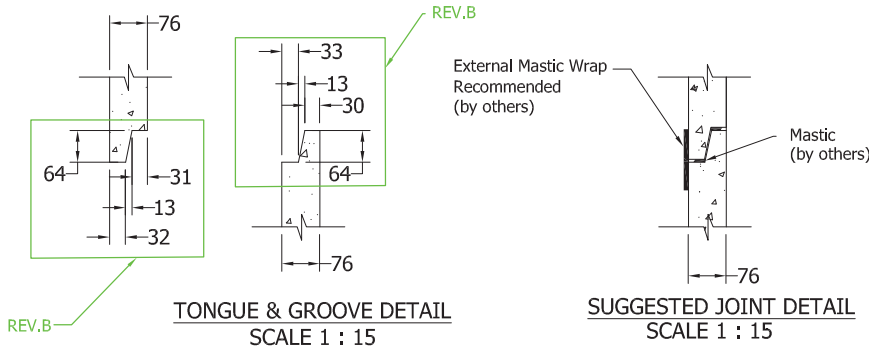
SECTION A-A
SCALE 1:30



PLAN VIEW
SCALE 1:30



3D VIEW



TONGUE & GROOVE DETAIL
SCALE 1 : 15

SUGGESTED JOINT DETAIL
SCALE 1 : 15

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.1&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 +/- 5mm.
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



Description:

610ID x 610H Riser T&G (TPL)

24"ID x 24"H Riser T&G #520

Project:

Drawn :

D.L

Date :

22/08/2016

Catalog No.

2424R

Approved :

V.W.

Load Rating:

N/A

Dwg. No.

24-04

Rev. No.

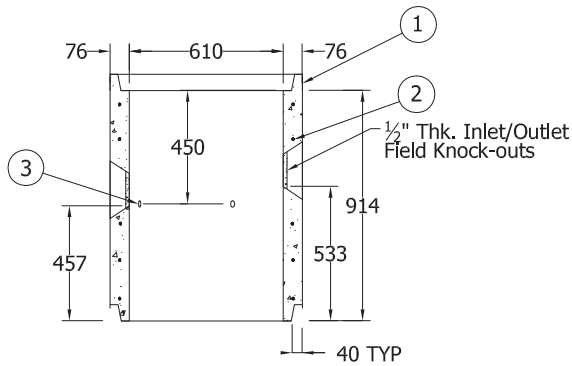
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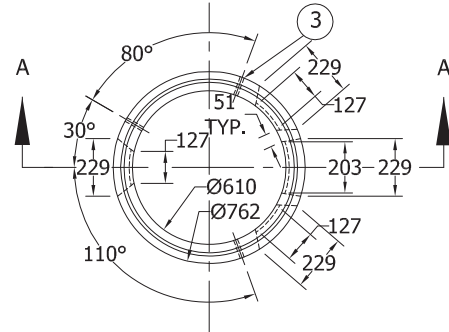
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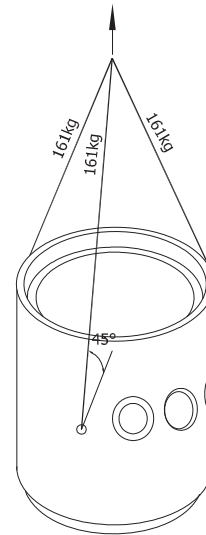
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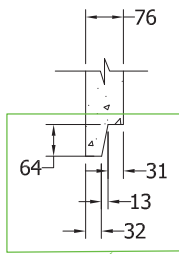
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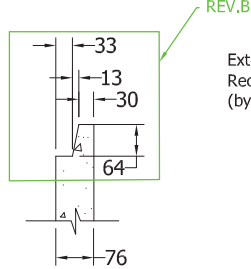
PLAN VIEW
SCALE 1:30



3D VIEW



TONGUE & GROOVE DETAIL
SCALE 1 : 15



SUGGESTED JOINT DETAIL
SCALE 1 : 15

REV.B

External Mastic Wrap
Recommended
(by others)

Mastic
(by others)

REV.B

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.1&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 +/- 5mm.
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

REV.B



Description:

610ID x 914H Riser T&G (TPL)

24"ID x 36"H Riser T&G #779

Project:

Drawn :

D.L

Date :

22/08/2016

Catalog No.

2436R

Approved :

V.W.

Load Rating:

N/A

Dwg. No.

24-07

Rev. No.

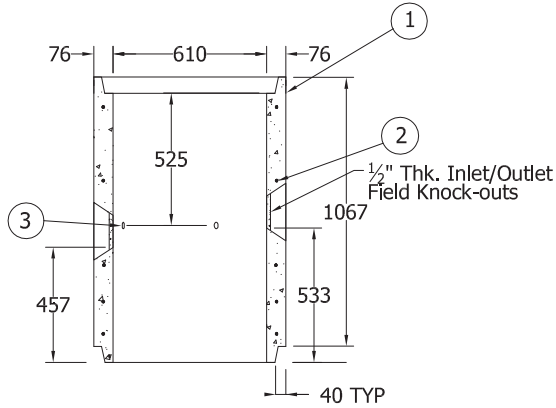
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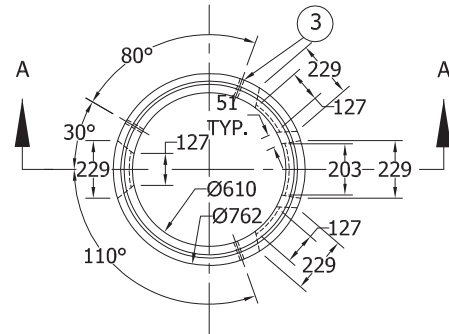
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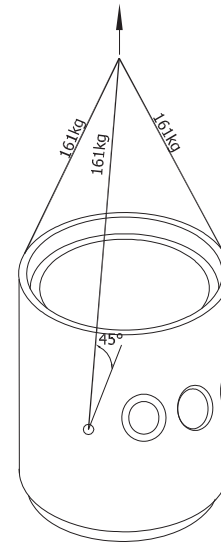
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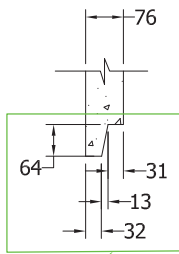
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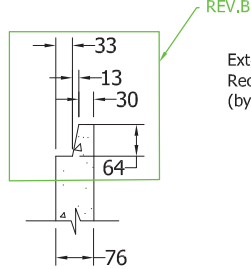
PLAN VIEW
SCALE 1:30



3D VIEW



TONGUE & GROOVE DETAIL
SCALE 1 : 15



SUGGESTED JOINT DETAIL
SCALE 1 : 15

REV.B

External Mastic Wrap
Recommended
(by others)

Mastic
(by others)

REV.B

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M Specification.
2. Concrete testing to current version of ASTM C497/CSA 23.1&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 +/- 5mm.
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

REV.B



Description:

610ID x 1067H Riser T&G (TPL)

24"ID x 42"H Riser T&G 910 #

Project:

Drawn :

D.L

Date :

22/08/2016

Catalog No.

2442R

Approved :

V.W.

Load Rating:

N/A

Dwg. No.

24-08

Rev. No.

B

Scale :

As Shown

Sheet No.

1 OF 1