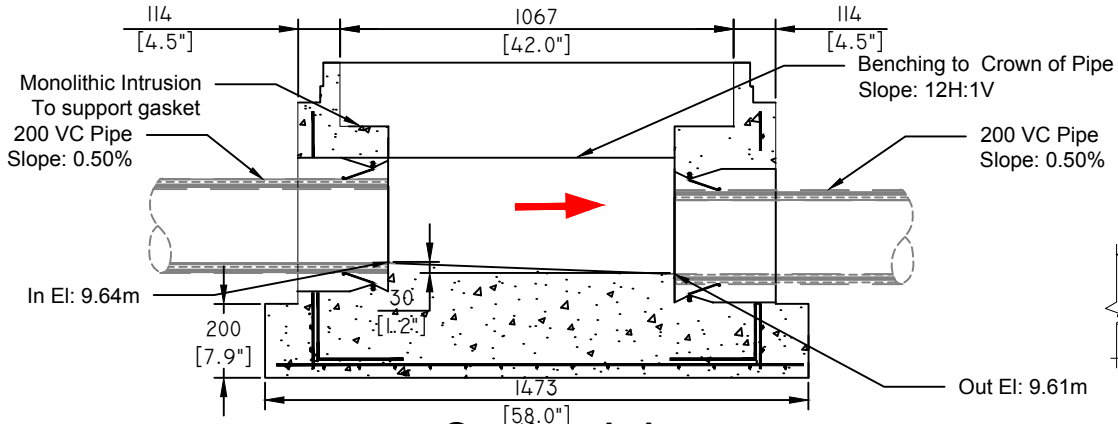
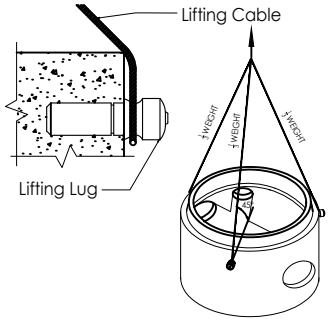
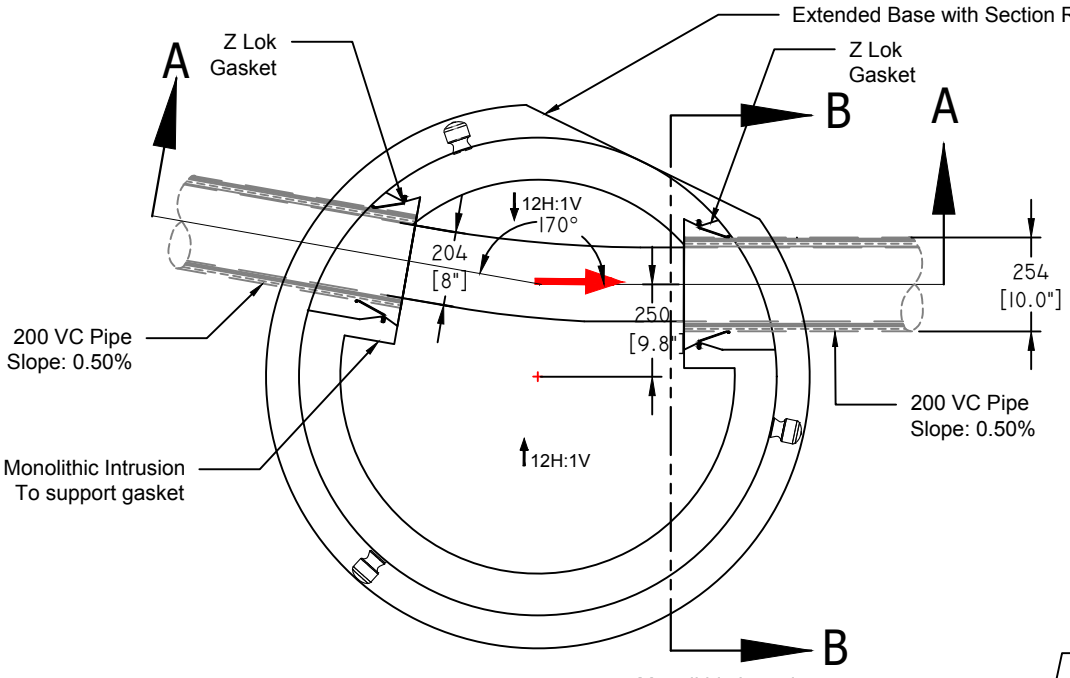
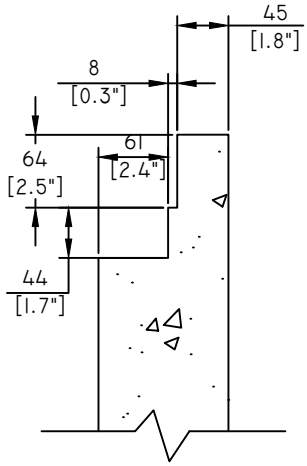


Section A:A

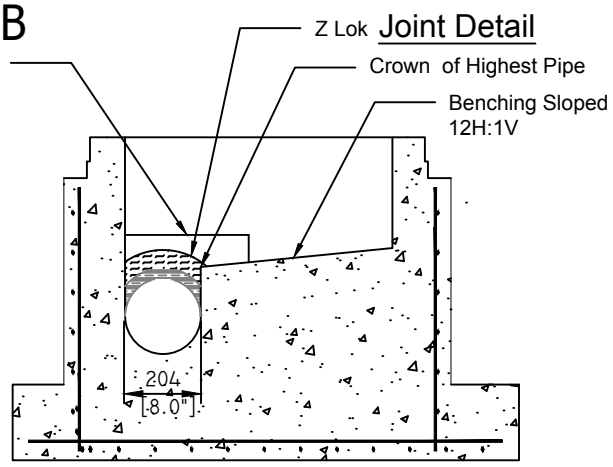


Lifting Detail





Plan View



Section B:B

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
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 accessaries to meet the strength requirement in lifting detail.
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

Description:

Manhole Base S5 With Z Lok Gaskets

Project: Point Grey Rd

Drawn :	Date :	Catalog No.
S.d.	20/09/2016	
Aproved :	Load Rating:	
	N/A	
Rev. No.	Scale :	Dwg. No.
	1:20	**S5-1**

7520 Conrad Street **Burnaby, B.C. V5A 2H7** **Phone : 604-415-5181** **Fax : 604-415-5185**
www: diamondconcrete.ca

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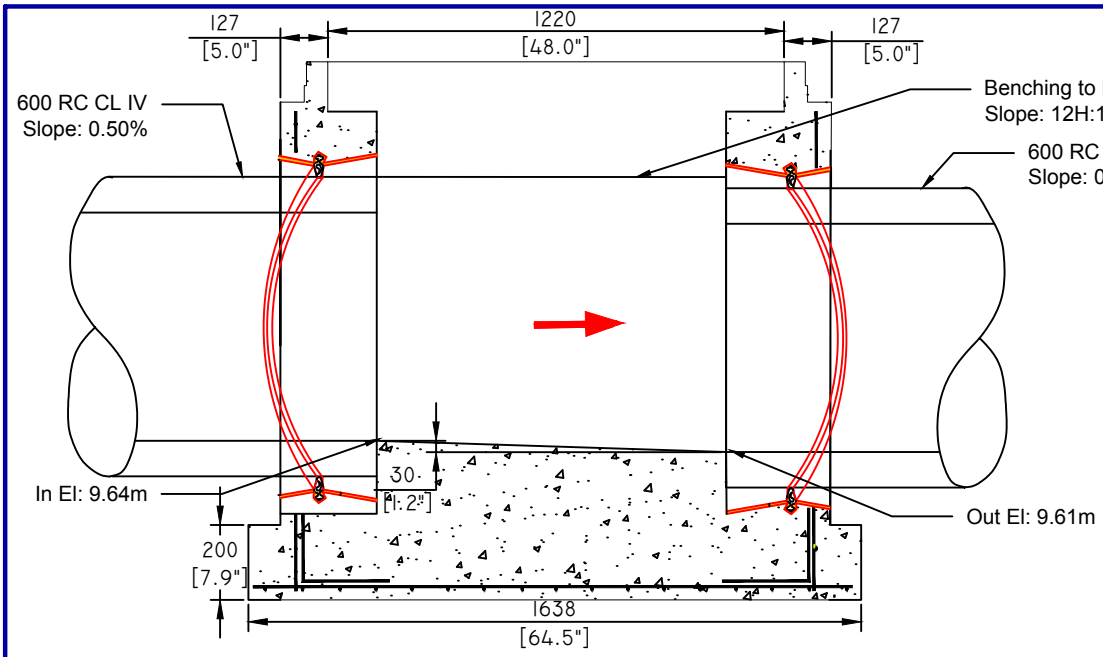
Sheet No. 1 OF 1



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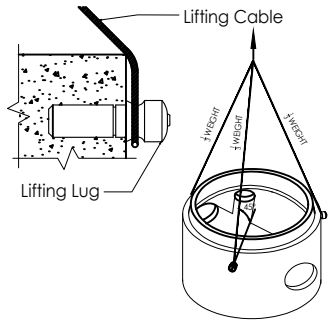
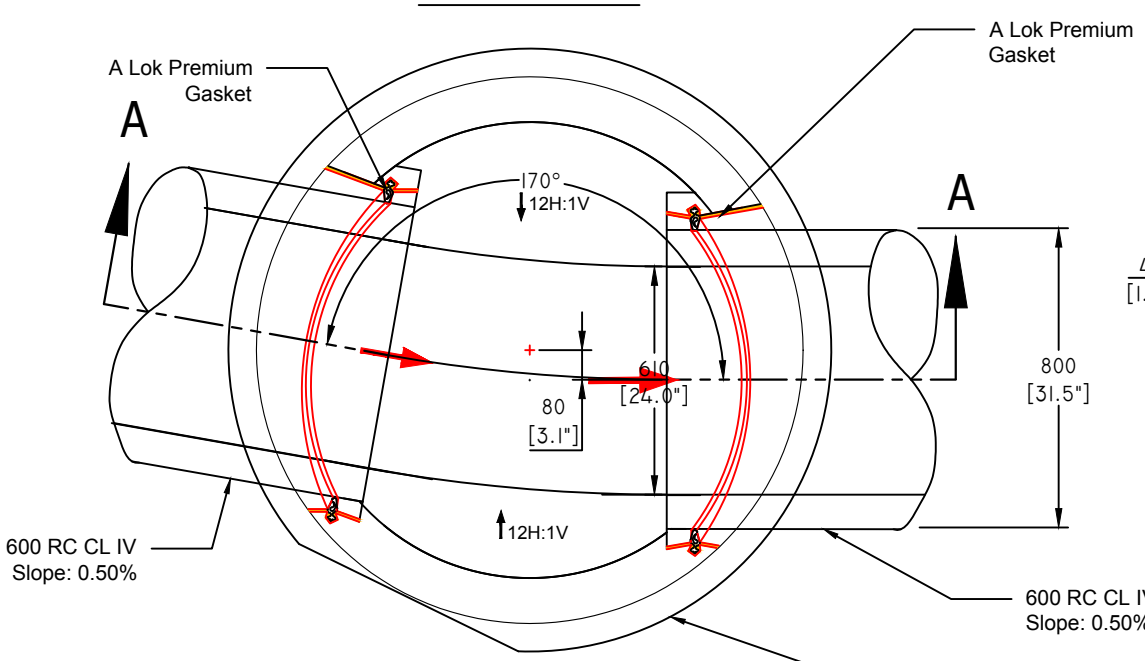
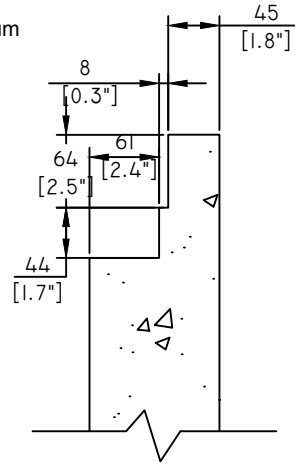


Lifting Detail



Plan View



Joint Detail

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
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 accessaries to meet the strength requirement in lifting detail.
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

7520 Conrad Street **Burnaby, B.C. V5A 2H7** **Phone : 604-415-5181** **Fax : 604-415-5185**
www: diamondconcrete.ca

Description:

Manhole Base D5 With A Lok Gaskets

Project: Point Grey Rd

Drawn : S.d.	Date : 20/09/2016	**Catalog No.**
Aproved :	Load Rating: N/A	**Dwg. No.** **D5-1**
Rev. No.	Scale : 1:20	Sheet No. 1 OF 1

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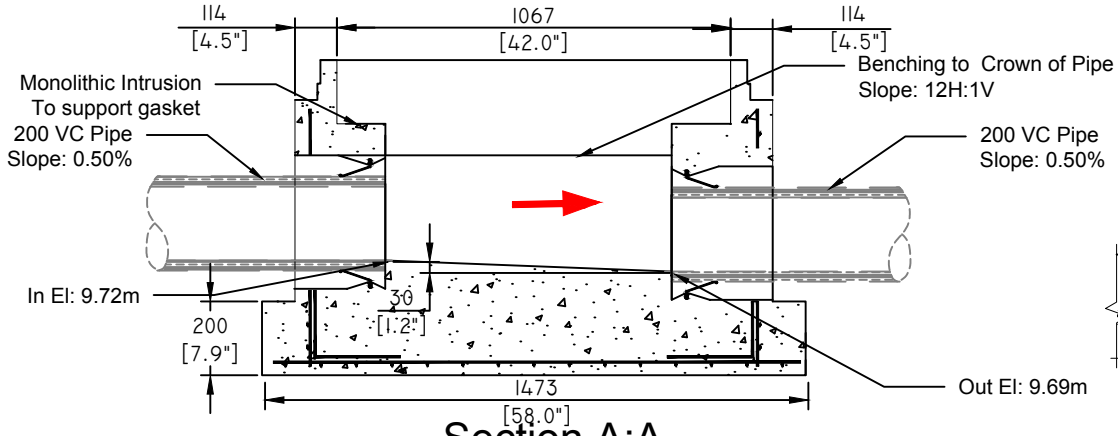
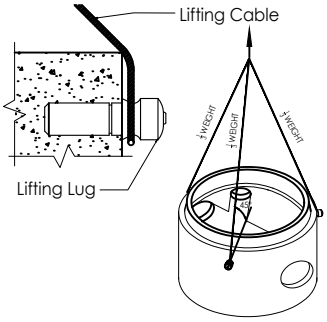
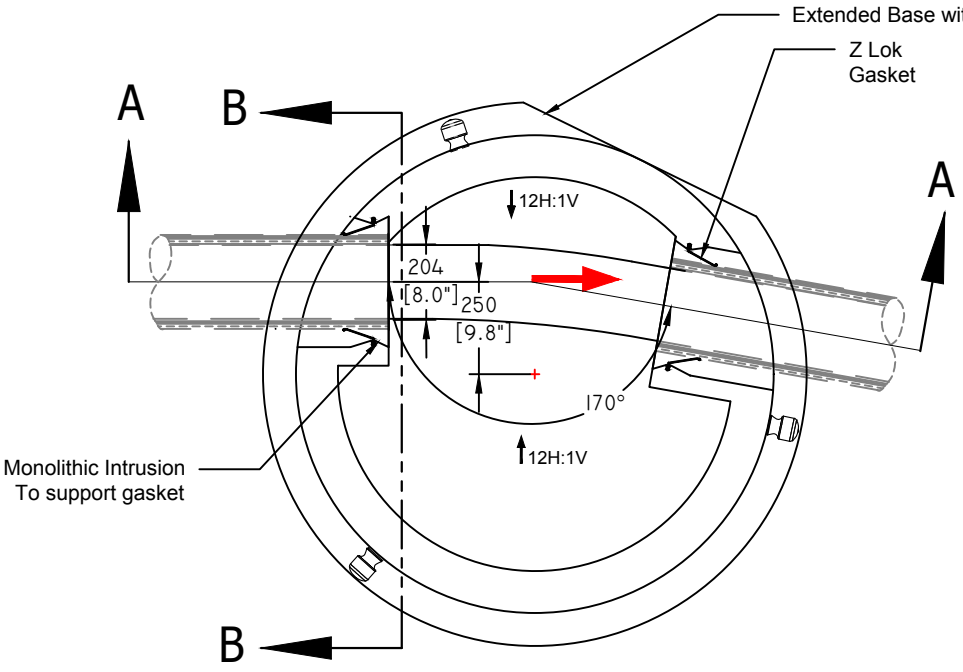


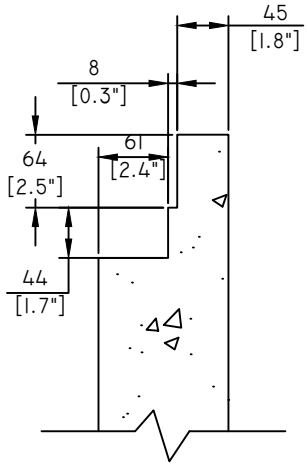
Section A:A



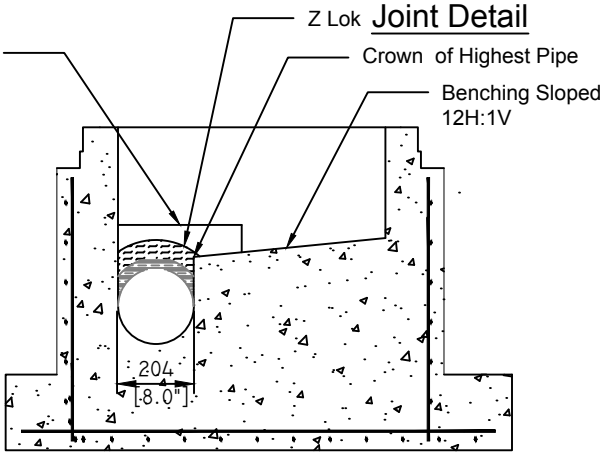
Lifting Detail



Plan View



Z Lok Joint Detail



Section B:B

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
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 accessaries to meet the strength requirement in lifting detail.
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

Description:

Manhole Base S6 With Z Lok Gaskets

Project: Point Grey Rd

Drawn :	Date :	Catalog No.
S.d.	20/09/2016	
Aproved :	Load Rating:	
	N/A	
Rev. No.	Scale :	Dwg. No.
	1:20	**S6-1**

7520 Conrad Street **Burnaby, B.C. V5A 2H7** **Phone : 604-415-5181** **Fax : 604-415-5185**
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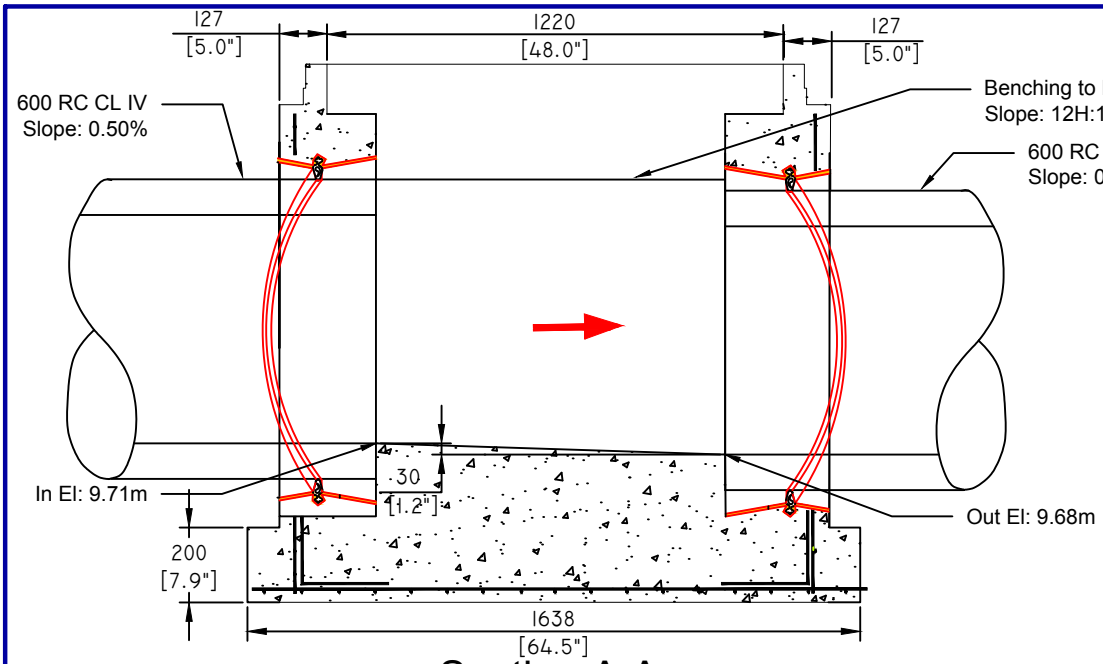
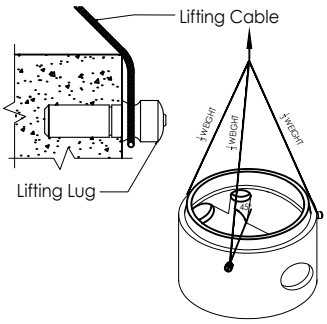
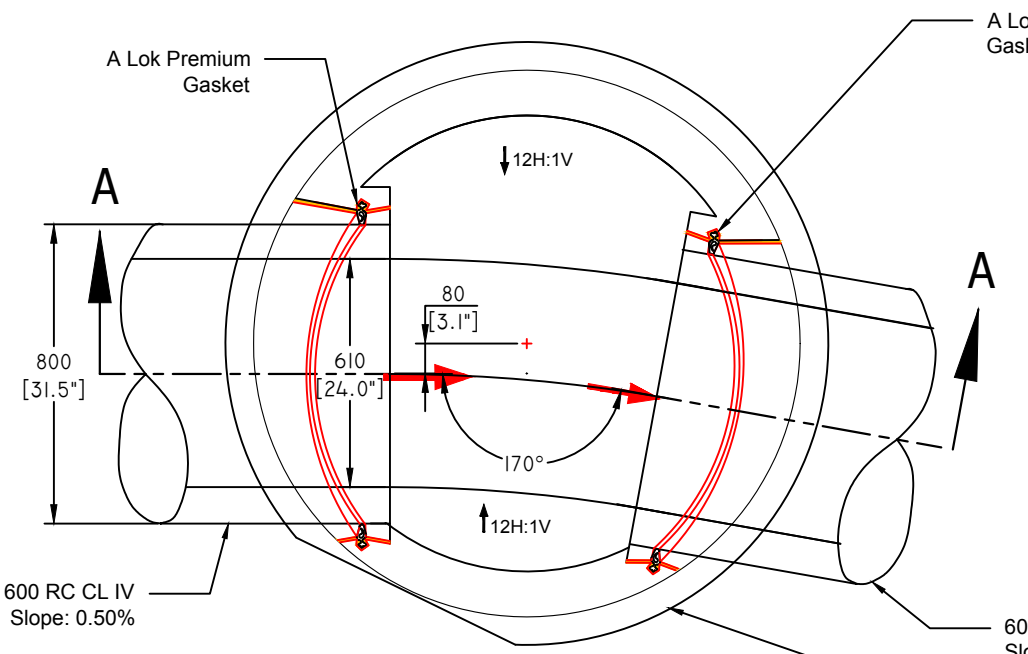
Sheet No. 1 OF 1



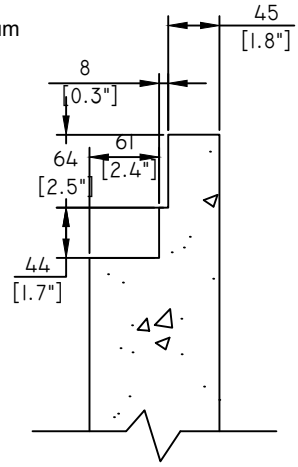
Section A:A



Lifting Detail



Plan View



Joint Detail

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
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 accessaries to meet the strength requirement in lifting detail.
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

7520 Conrad Street **Burnaby, B.C. V5A 2H7** **Phone : 604-415-5181** **Fax : 604-415-5185**
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Description:

Manhole Base D6 With A Lok Gaskets

Project: Point Grey Rd

Drawn : S.d.	Date : 20/09/2016	**Catalog No.**
Aproved :	Load Rating: N/A	**Dwg. No.** **D6-1**
Rev. No.	Scale : 1:20	Sheet No. 1 OF 1

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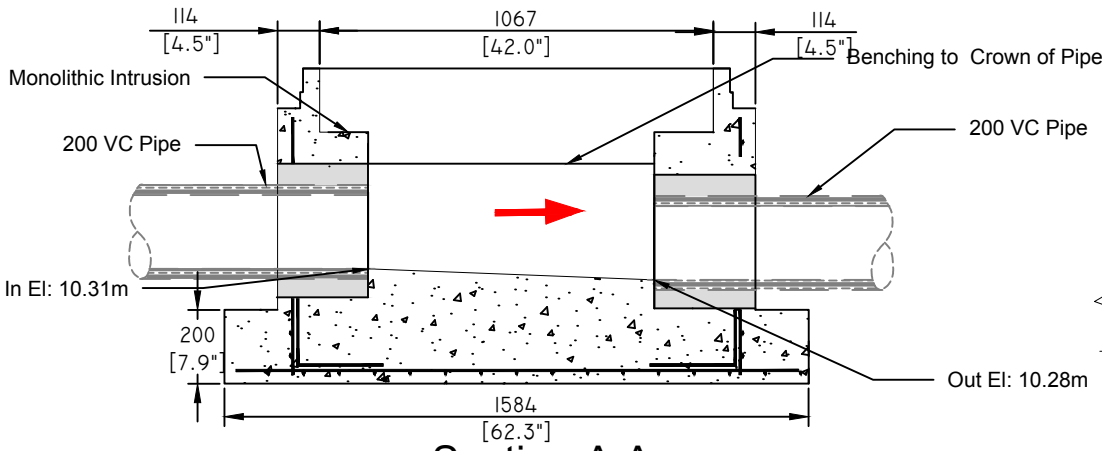
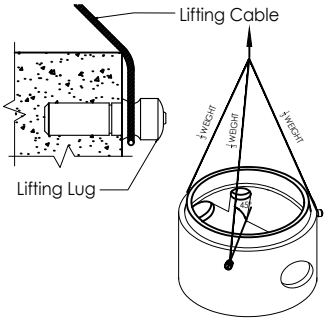
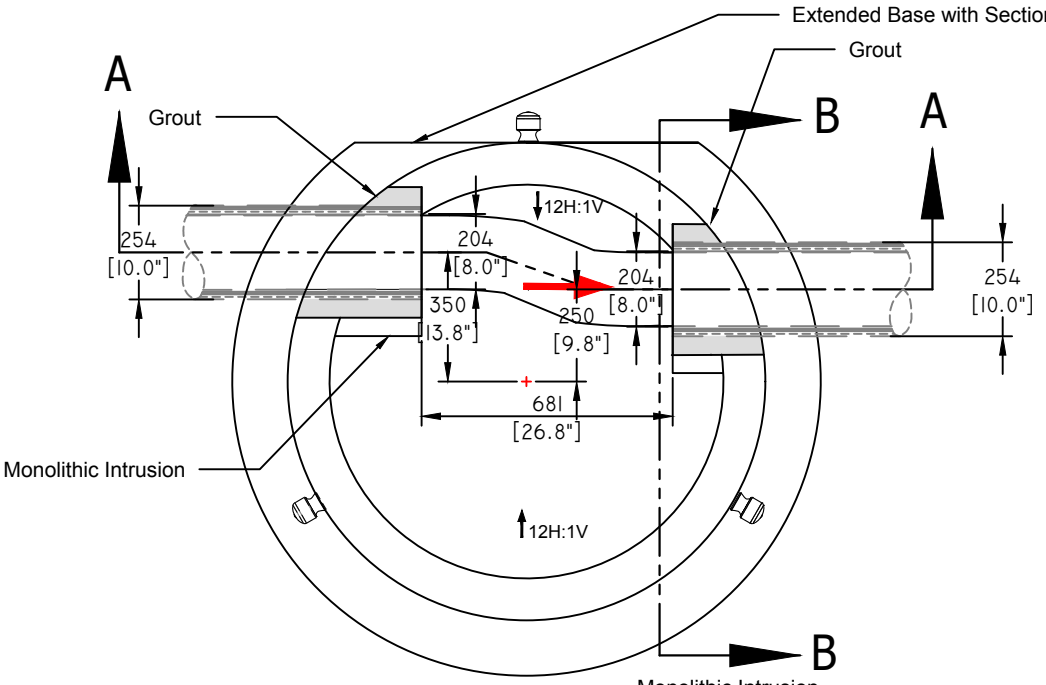


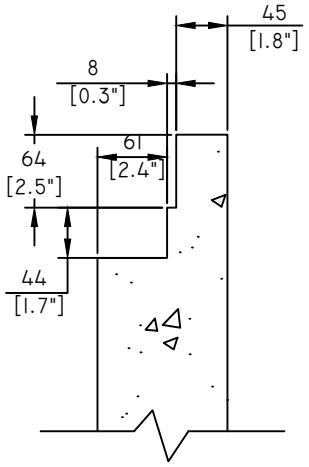
Section A:A



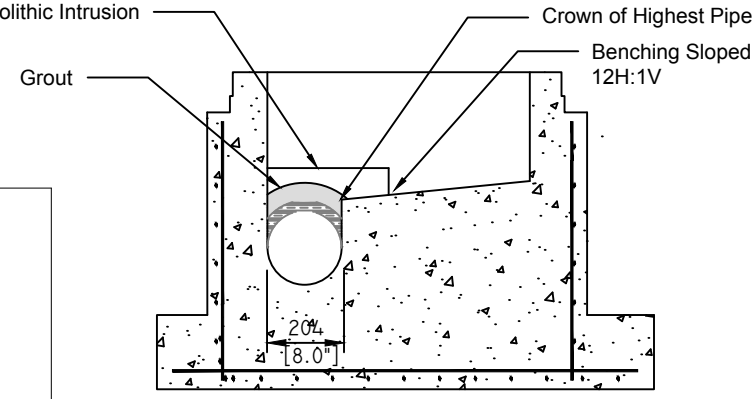
Lifting Detail



Plan View



Joint Detail



Section B:B

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
3. Min. concrete compressive strength 30 MPa with Max. W/C ratio of 0.5.
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10. Concrete Exposure Class to be A-3.
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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 accessaries to meet the strength requirement in lifting detail.
15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

Description: **Manhole Base S7**

Project: Point Grey Rd

Drawn :	Date :	Catalog No.
S.d.	20/09/2016	
Aproved :	Load Rating: N/A	
Rev. No. 1	Scale : 1:20	Dwg. No. **S7-1**

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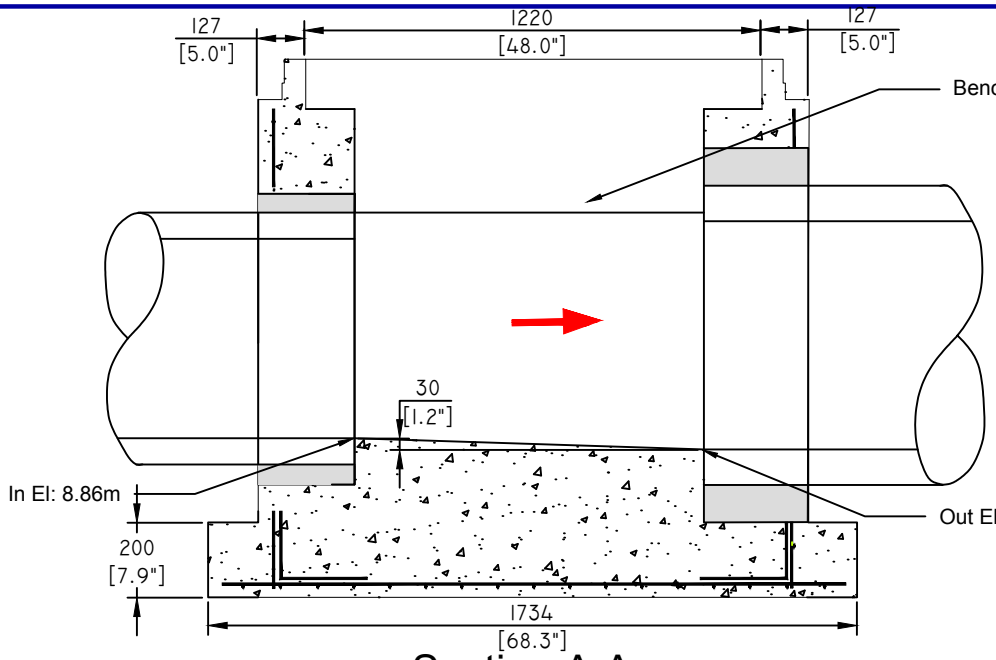
Sheet No. 1 OF 1



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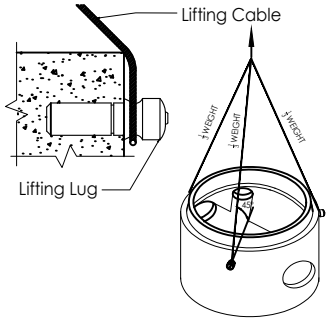
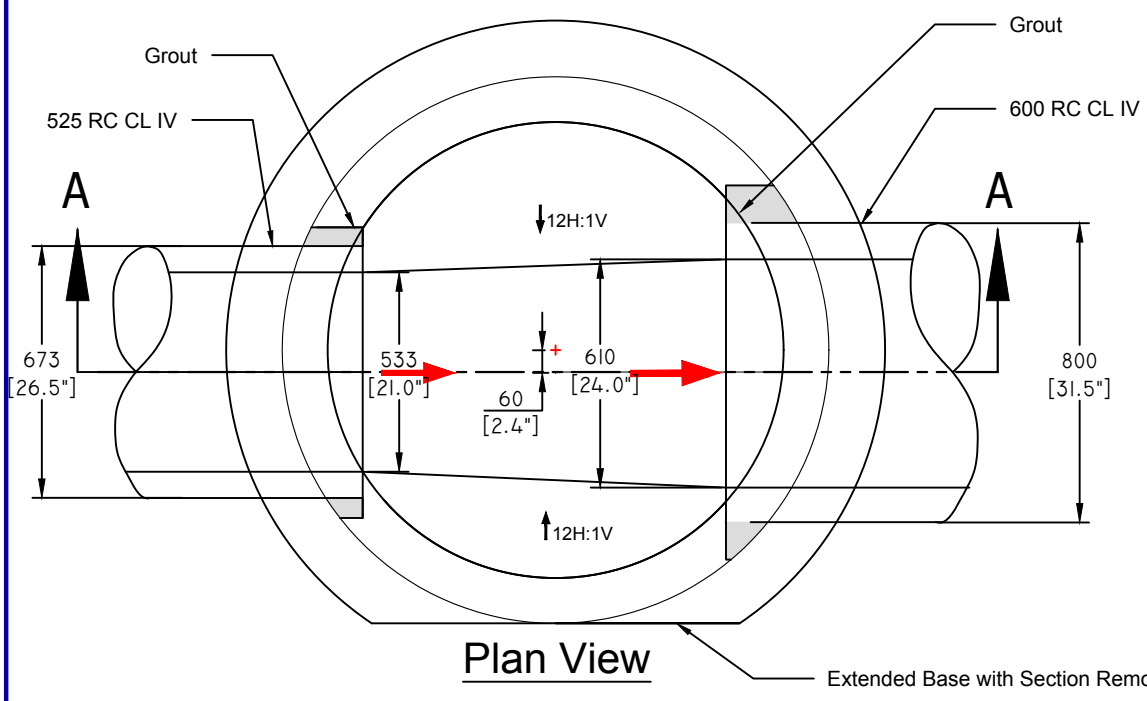
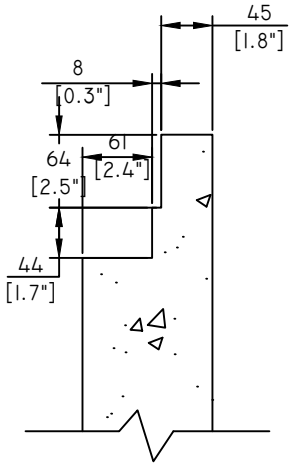


Lifting Detail



Plan View

Extended Base with Section Removed



Joint Detail

Specification and General Notes:

1. Manhole design/manufacture to ASTM C478M & CSA A257.3 Specification.
2. Concrete testing to ASTM C497/CSA 23.1 & 2-09.
3. Min. concrete compressive strength 30 MPa with Max. W/C ratio of 0.5.
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15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

DIAMOND PRECAST CONCRETE

7520 Conrad Street **Burnaby, B.C. V5A 2H7** **Phone : 604-415-5181** **Fax : 604-415-5185**
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Description: **Manhole Base D7**

Project: Point Grey Rd

Drawn : S.d.	Date : 20/09/2016	**Catalog No.**
Aproved :	Load Rating: N/A	
Rev. No. 1	Scale : 1:20	**Dwg. No.** **D7-1**
		Sheet No. 1 OF 1

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