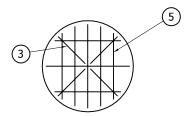
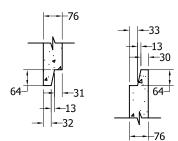
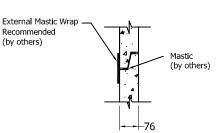


# SECTION A-A SCALE 1:30



## BASE REINFORCING

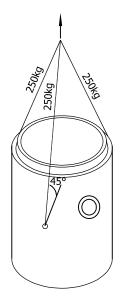




**TONGUE & GROOVE DETAIL** SCALE 1:15

SUGGESTED JOINT DETAIL SCALE 1:15

# PLAN VIEW SCALE 1:30



## 3D VIEW

## Specification and General Notes:

ı	Specification and General Notes:
	1. Manhole design/manufacture to ASTM C478M Specification. 2. Concrete testing to current version of ASTM C497/CSA A23.1&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 Exposesure Class to be A-3
ı	11. Min. Stripping Strength to be 15MPa
ı	12. All Form Finish to be Standard Grade
ı	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
ı	15. Hoisting and Rigging system to meet WORK SAFE BC OHS Regulation Guideline Part 14/15

	Bill of Materials						
Item	Description	Vol. m <sup>3</sup>	A. m <sup>2</sup>	Mas. Kg	Qty.		
1	Concrete	0.22	-	521.4	-		
2	ø1" LIFTING HOLES		-	•	3		
3	D5 Dowel H300 V300	-	-	1.49	4		
4	Ø 6.36mm HOOP STEEL	-	-	0.48	6		
5	D5 203X102	-	-	-	-		

|--|

	Description:	Drawn :	Date :	Catalog No.			
	610ID x 1219H Sump/Catch Basin TT (TPL)	D.L 27/10/2017		2448CBTT			
		Aproved :	Load Rating:	2446CB11			
ΤE	- 1 74"11) Y 48"H CATCH BASIN 1155 #		N/A	Dwg. No.			
	Project:	Rev. No. C	Scale : As Shown	24-10			
B.C	. V5A 2H7 Phone : 604-415-5181 Fax : 604-415-5185	This drawing is the Diamond Precast Cor	ne property of the crete. All information	Sheet No.			

7520 Conrad Street

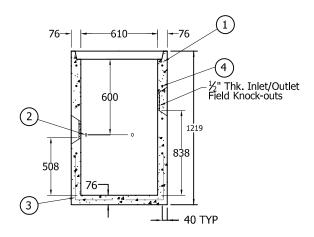
Burnaby, B

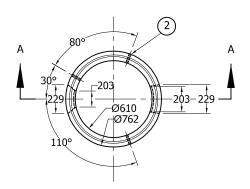
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1 OF 1

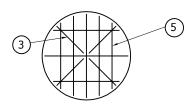
# **2448CBS**



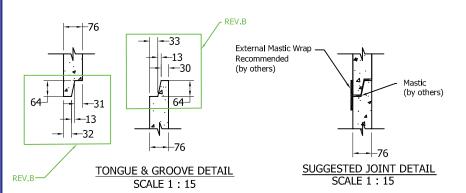


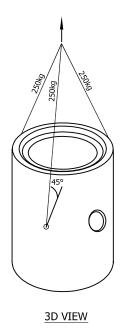
SECTION A-A SCALE 1:30





BASE REINFORCING





- Specification and General Notes:

  1. Manhole design/manufacture to ASTM C478M Specification.

  2. Concrete testing to ASTM C497(SA 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 +/- Smm.

  10. Concrete Exposesure 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

DI	MOND PRECAST CONCRETE
	PRECAST CONCRETE

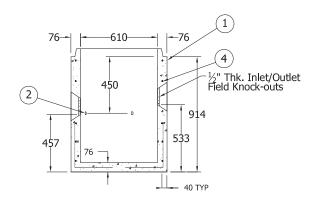
С.	V5A 2H7 Phone : 604-415-5181 Fax : 604-415-5185 www: diamondconcrete.ca	Diamond Precast Con contained herein is o not be used in whol	crete. All information onfidential and may	1 OF 1
_		This drawing is th	e property of the	Sheet No.
	Project:	В	As Shown	24-09
ı		Rev. No.	Scale :	24-09
	24"ID x 48"H Catch Basin 1155 #	V.VV.	IV/A	Dwg. No.
ı	2.4llTD	v.w.	N/A	
	ororo x reroit samp/ catch basin or (17L)	Aproved:	Load Rating:	2770CD3
	610ID x 1219H Sump/Catch Basin GT(TPL)	D.L	22/08/2016	2448CBS
	Description:	Drawn :	Date :	Catalog No.

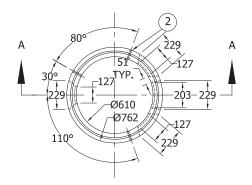
7520 Conrad Street

Burnaby, B.C.

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## **2436CBTT**

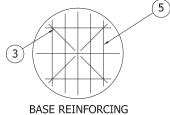


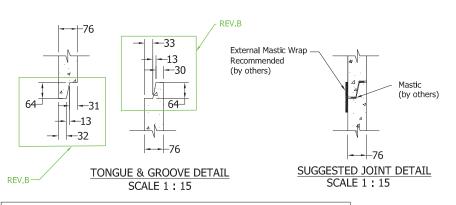


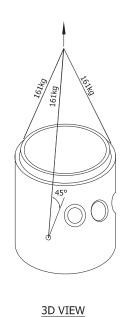
SECTION A-A SCALE 1:30











## Specification and General Notes:

- Specification and General Notes:

  1. Manhole design/manufacture to ASTM C478M Specification.

  2. Concrete testing to current version of ASTM C497/CSA 23.1.82.

  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 Exposesure 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

- 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

13, Holsting and R	igging system to meet work on	TE BE ONS Regulation dulactime Fart 1715		
^		Description:	Drawn :	Date :
	MOND	610ID x 914H Sump/Catch Basin TT (TPL)	D.L	22/08/2016
DI M	MOND	ototo x 91411 Sump/ Catch basin 11 (1FL)	Aproved :	Load Rating:
	PRECAST CONCRETE	24"ID x 36"H Catch Basin #895	V.W.	N/A
		Project:	Rev. No.	Scale : As Shown

7520 Conrad Street

Burnaby, B.C. V5A 2H7

Phone: 604-415-5181 www.diamondprecast.com

Fax: 604-415-5185

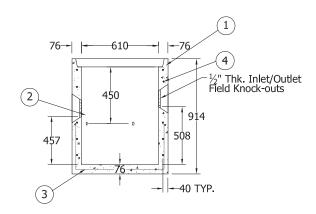
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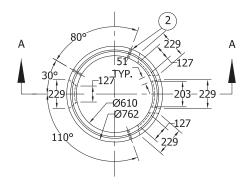
**2436CBTT** Dwg. No. 24-06

Catalog No.

Sheet No. 1 OF 1

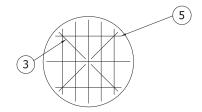
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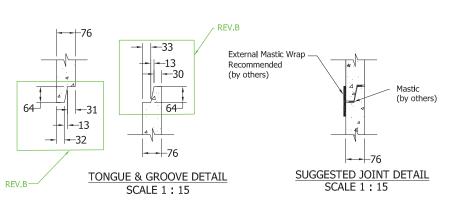


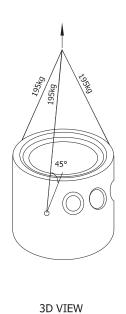
SECTION A-A SCALE 1:30

PLAN VIEW SCALE 1:30



## BASE REINFORCING





## Specification and General Notes:

- Specification and General Notes:

  1. Manhole design/manufacture to ASTM C478M Specification.

  2. Concrete testing to current version of ASTM C497(CSA 23.1.8c.)

  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 Exposesure 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

- 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

	m = 20 one nogalation calling in a 1 y 20
$\wedge$	Description:
DI MOND PRECAST CONCRETE	610ID x 914H Sump/Catch Basin GT
PRECAST CONCRETE	24"ID x 36"H Catch Basin #895
	Project:

Drawn :	Date :	Catalog No.
D.L	22/08/2016	2436CBS
Aproved:	Load Rating:	2430CB3
V.W.	N/A	
	'	Dwg. No.
Rev. No.	Scale :	24-05
В	As Shown	24-03
This drawing is t	he property of the	Sheet No.

7520 Conrad Street

Burnaby, B.C. V5A 2H7

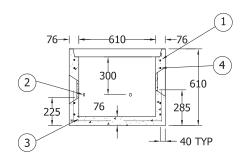
Phone: 604-415-5181 www.diamondprecast.com

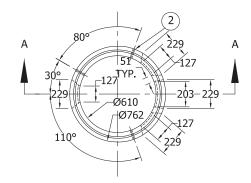
Fax: 604-415-5185

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1 OF 1

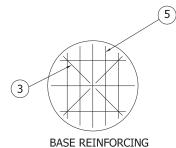


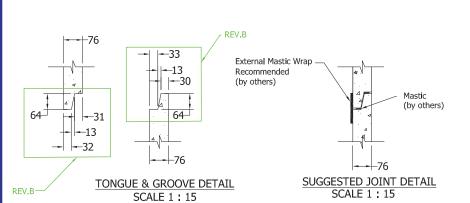


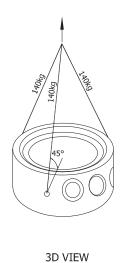
SECTION A-A SCALE 1:30



PLAN VIEW SCALE 1:30







## Specification and General Notes:

- Specification and General Notes:

  1. Manhole design/manufacture to ASTM C478M Specification.

  2. Concrete testing to current version of ASTM C497(CSA 23.1.8c.)

  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 Exposesure 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

- 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

13, Holsting and Nagging system to meet work out 2 be one regulation datacline fact 1/15				
^	Description:	Drawn :	Date :	Catalog No.
DT A MOND	610ID x 610H Sump/Catch Basin GT (TPL)	D.L	22/08/2016	2424CBS
DI MOND	ototo x ototi Sump/ catch basin of (TFL)	Aproved:	Load Rating:	2424CD3
PRECAST CONCRETE	24"ID x 24"H Catch Basin #636	V.W.	N/A	Dwg. No.
	Project;	Rev. No.	Scale :	24-03
	rioject.	В	As Shown	
7530 Control Street Purpolar P.C. VEA 2H7 Phone : 604 415 5191 Fox : 604-415 5195 This drawing is the property of the Sheet No.				Sheet No.

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Phone: 604-415-5181

Fax: 604-415-5185

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