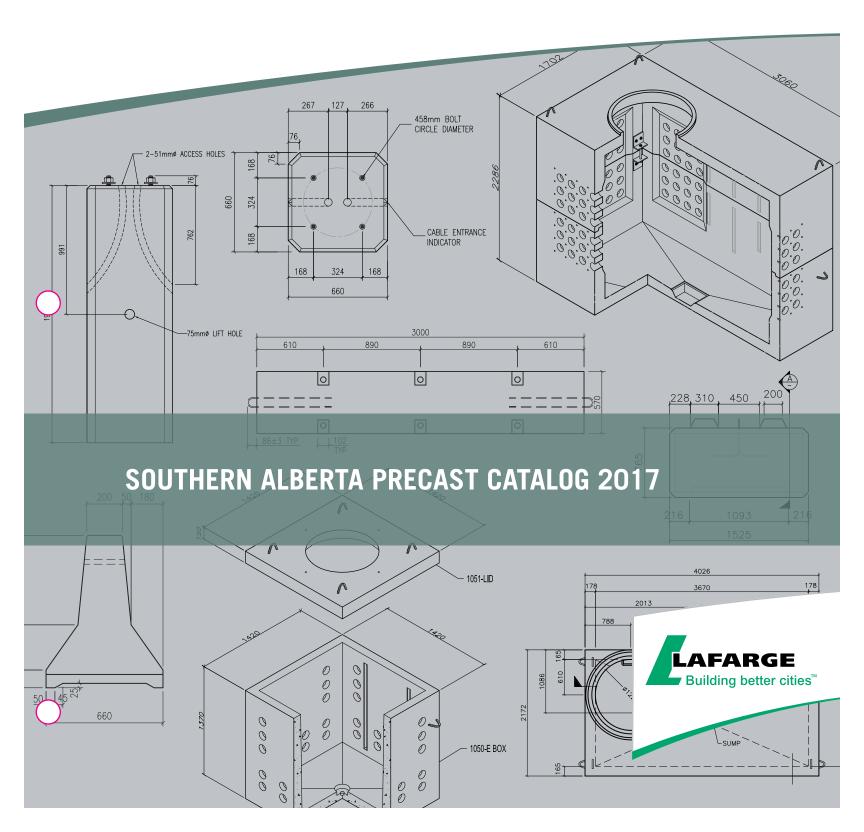
WESTERN CANADA

• **PRECAST** Standard Products



Business Card

SOUTHERN ALBERTA PRECAST

9028 - 44 Street SE, Calgary, Alberta T2C 2P6

ORDER DESK: 403-292-9220

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(

SOUTHERN ALBERTA PRECAST

Lafarge Southern Alberta Precast is a state of the art Precast facility based in Calgary, Alberta. We offer a wide variety of quality standard precast products for use in the utility and construction markets in Southern Alberta, including: light pole bases, transformer bases and other utility products which are made to meet Fortis, EPCOR and ENMAX specifications.

Our precast components are manufactured in a controlled factory setting where rigorous quality control ensures the delivery of sustainable solutions. Record management and documentation are essential components of our production process and quality control reports and stamped drawings are available upon request.

In addition to standard products, Lafarge offers customized precast solutions that are ideal for large, complex, remote, fast tracked projects and any application that calls for strength, aesthetics, remote and rapid construction. This includes solutions for: warehousing, infrastructure, multi-family buildings, residential buildings, offices, parking, transportation, retail, processing, fabrication, and maintenance.



SOUTHERN ALBERTA PRECAST

Health & Safety

Health & Safety is more than a principle at Lafarge – It is our culture and the company's number one priority. All customers, suppliers, partners and subcontractors that are engaged on Lafarge projects are expected to work to the same high safety standards as Lafarge.

CPCI Certification

Lafarge offers engineered Precast concrete construction solutions, which incorporate precast components certified by Canadian Precast/Prestressed Concrete Institute (CPCI) to Canadian Standards Association (CSA) standard A23.4. Lafarge has been an active member of CPCI for over 50 years.



Products in this catalogue are manufactured to meet requirements of CSA A23.4, including appendices A&B, together with PCI MNL-116 and 117, and CPCI certification requirements.

LafargeHolcim

Lafarge is a member of the LafargeHolcim group, a world leader in building materials and a major player in sustainable development. LafargeHolcim employs over 100,000 people in over 90 countries. Lafarge has two other precast facilities in Western Canada, located in Edmonton, Alberta and Winnipeg, Manitoba.

UTILITY PRODUCTS



TRANSFORMER BASES



SWITCHING CUBICLE BASES



LIGHT POLE BASES



STREETLIGHT SERVICE CABINETS



MINI PAD MOUNT BASES



CABINET BASES

UTILITY PRODUCTS INDEX

LIGHT POLE BASES

Product No.	Description	Ref #	Page
9200	550 mm diameter x 2400 mm long	Type "C"	9
9201	660 x 660 x 1981 mm long	755 0218	10
9203	16" x 16" x 7'-0" long c/w 13" bcd	755 0208	11
9203M-11	16" x 16" x 7'-0" long c/w 11" bcd	Epcor	12
9203M-10	16" x 16" x 7'-0" long c/w 10" bcd	Epcor	13
9204	16" 16" x 7'-0" long c/w 13" bcd High Strength Bolts	755 0209	14
9205	552 x 500 x 2134 mm long Contactor Base	Epcor	15
9206		755 0204	16

SWITCHING CUBICLE BASES

Product No.	Description	Ref #	Page
9208	Switching Cubicle Base - 2000 x 2110 x 1200 mm high	755 0557	17
9208-A1	Switching Cubicle Base – 2185 x 2125 x 990 mm high	Atco	18
9208-A2	2450 x 2350 x 200 mm thick footing	Atco	19

TRANSFORMER BASES

Product No.	Description	Ref #	Page
9214	Transformer Base – 750 kVa – 3000 kVa	755 0512	20
9215	Transformer Base – 1000 kVa – 10000 kVa	756 0514	21
9218	Transformer Base – Up to 167 kVa Mini-pad	755 0505	22
9219	Transformer Base - 75 kVa - 500 kVa	755 0507	23

CABINET & PEDESTAL BASES

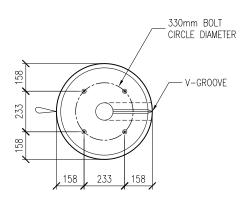
Product No.	Description	Ref #	Page
9216	Meter Pad – 600 x 1000 x 1000 mm high	755 0520	24
9217	Secondary Connection Box – 457 x 715 x 508 mm high	755 0500	25
9221	Power Base – 381 x 686 x 230 mm high		26
9222	Cabinet Base – 667 x 1067 x 305 mm high		27
9223	Streetlight Cabinet – 1115 x 760 x 450 mm high		28
9224	Cabinet Base – 1230 x 830 x 925 mm high	Epcor	29
9225	Distribution Cabinet Base – 685 x 585 x 1220 mm high	Epcor	30

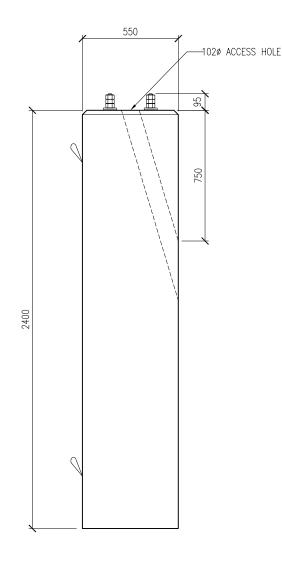
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED – C/W 3 – GALVANIZED NUT AND FLAT WASHER

- C/W 3 GALVANIZED NUT AND FLAT WASHEF
 CONCRETE- 35MPA, TYPE HSB
- MASS- 1370KG (3010 LBS)

Product No.

9200





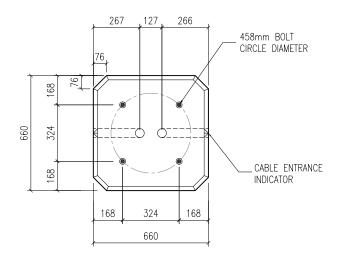


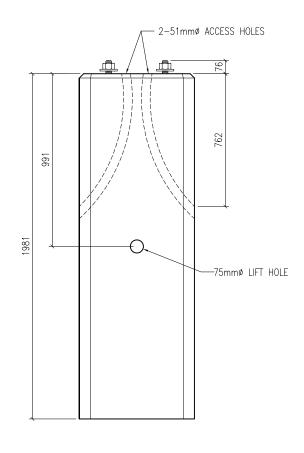
UTILITY PRODUCTS

- MASS- 1975KG (4350 LBS)

NOTES: – ANCHOR BOLTS, 35MM O (1- 3/8"), GALVANIZED – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER - CONCRETE- 35MPA, TYPE HSB

Product No.





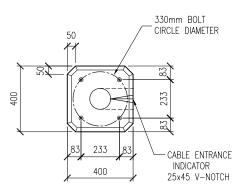


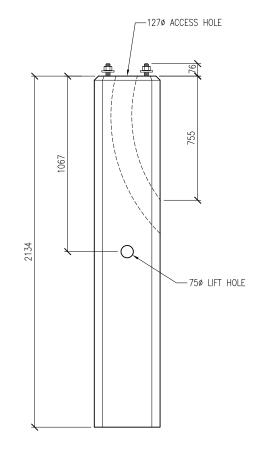
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

- CONCRETE- 35MPA, TYPE HSB
- MASS- 770KG (1690 LBS)

Product No.

9203







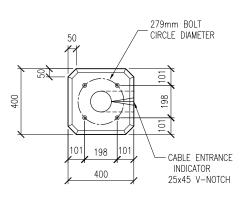
UTILITY PRODUCTS

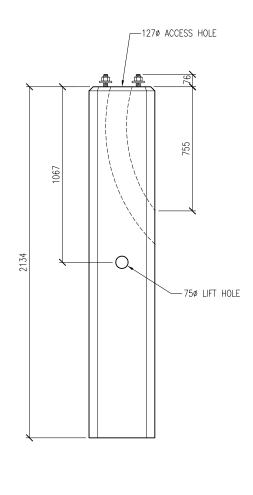
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER - CONCRETE- 35MPA, TYPE HSB

- MASS- 770KG (1690 LBS)

Product No.

9203M-11





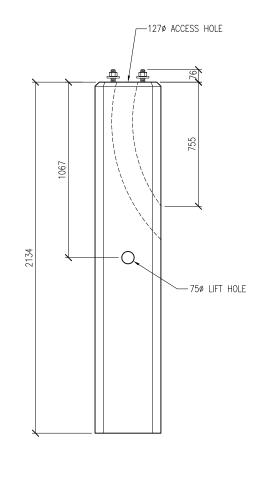


NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END, – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

- CONCRETE- 35MPA, TYPE HSB
- MASS- 770KG (1690 LBS)

Product No. 9203M-10

254mm BOLT CIRCLE DIAMETER



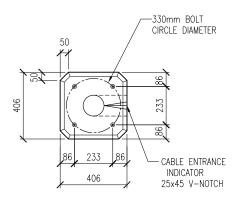


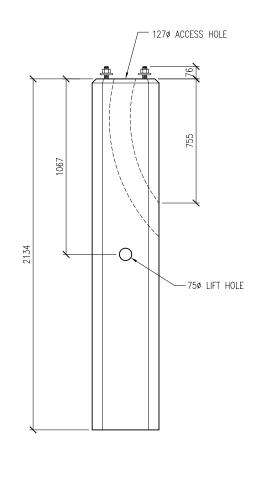
UTILITY PRODUCTS

NOTES: - ANCHOR BOLTS TO CONFORM TO GRADE 4140, NC THREAD, 25MM 0 (1") X 915MM (36") C/W 100MM BEND, 102MM THREAD, GALVANIZED 305MM ON THREADED END, - C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

Product No.

- CONCRETE- 35MPA, TYPE HSB
 MASS- 810KG (1785 LBS)





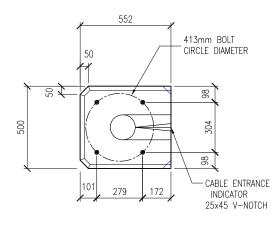


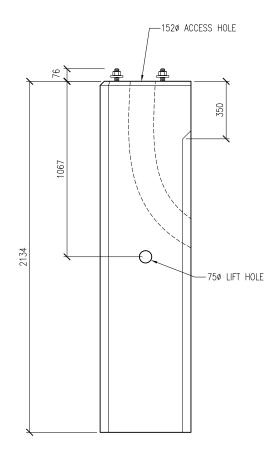
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

- CONCRETE- 35MPA, TYPE HSB
- MASS- 1335KG (2935 LBS)

Product No.

9205





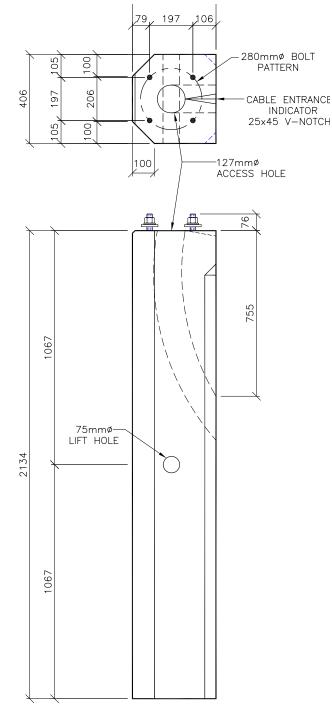


UTILITY PRODUCTS

NOTES: – ANCHOR BOLTS, 25MM O (1") – GALVANIZED 305MM ON THREADED END,

- C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER
- CONCRETE- 35MPA, TYPE HSB
 MASS 730KG (1610 LBS)

Product No.

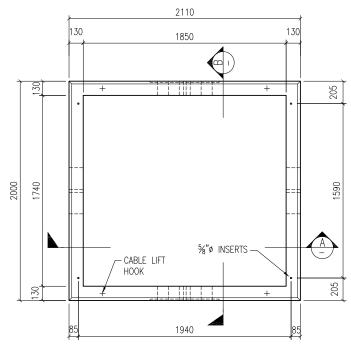




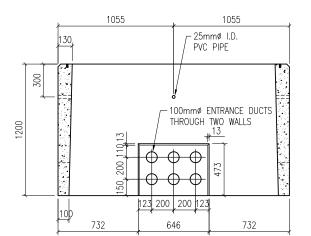
SWITCHING CUBICLE BASE

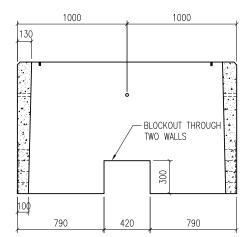
NOTES: - MASS- 2665KG (5875 LBS) - CONCRETE- 35MPA, TYPE HSB

Product No.













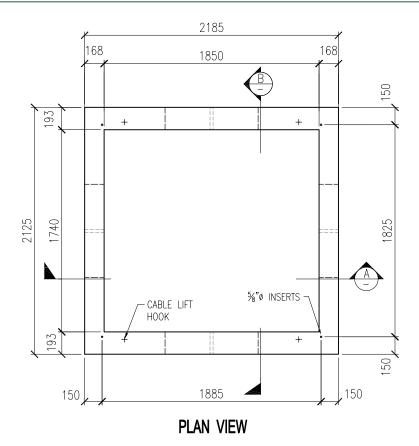
SWITCHING CUBICLE BASE

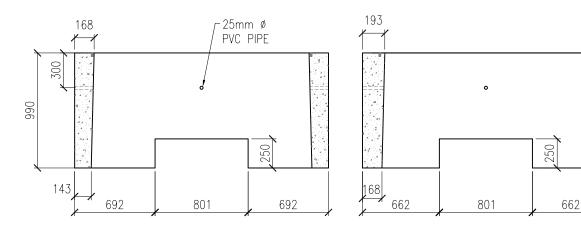
NOTES: – MASS- 3120KG (6864 LBS) – CONCRETE- 35MPA, TYPE HSB

- FOR 25KV, AIS 9,10 & 11 HUBBELL SWITCH CUBICLE

Product No.

9208-A1



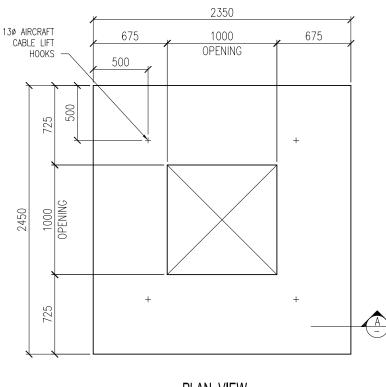




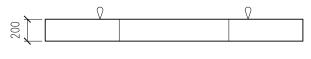
FOOTING FOR SWITCHING CUBICLE BASE

NOTES: - MASS- 2285KG (5035 LBS) - CONCRETE- 35MPA, TYPE HSB

9208-A2



PLAN VIEW



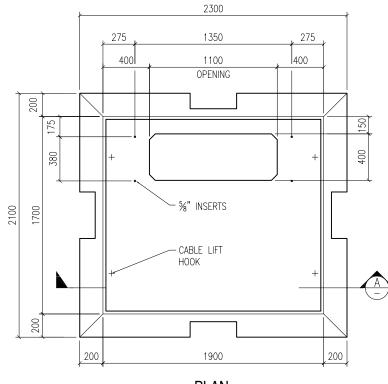
SECTION A



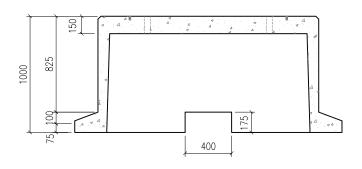
- **NOTES:** 750-3000KVA MASS- 2400 KG (5280 LBS.) - CONCRETE- 35MPA, TYPE HSB - MIN. ALLOWABLE SOIL BEARING
 - CAPACITY 150KPA
- MAX. SUPERIMPOSED LOAD 7000KG - BLOCK OUTS ALL FOUR SIDES

Product No.

9214





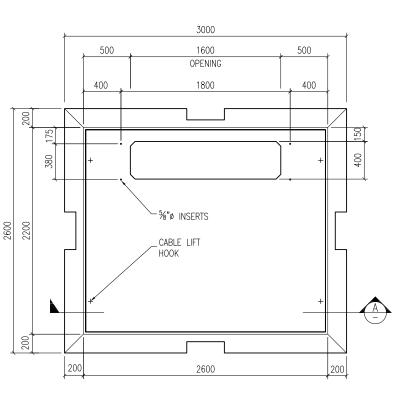


SECTION A

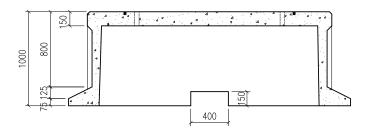


NOTES: – 1000-10000KVA – CONCRETE- 35MPA, TYPE HSB

- MIN. ALLOWABLE SOIL BEARING CAPACITY 75KPA
- MAX. SUPERIMPOSED LOAD 21,000KG
- BLOCK OUTS ALL FOUR SIDES



PLAN



SECTION A



Product No.

9215

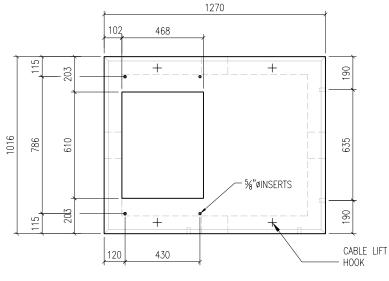
UTILITY PRODUCTS

NOTES: - MINI PAD MOUNT UP TO 167 KVA - MASS- 865 KG (1900 LBS.) - CONCRETE- 35MPA, TYPE HSB

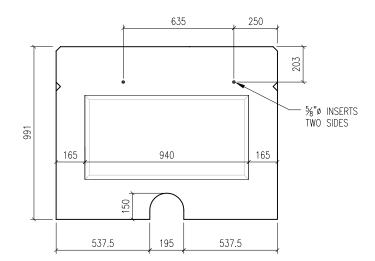
- MIN. ALLOWABLE SOIL BEARING CAPACITY 75KPA
- MAX. SUPERIMPOSED LOAD 1000KG - BLOCK OUTS ALL FOUR SIDES

Product No.

9218



PLAN VIEW





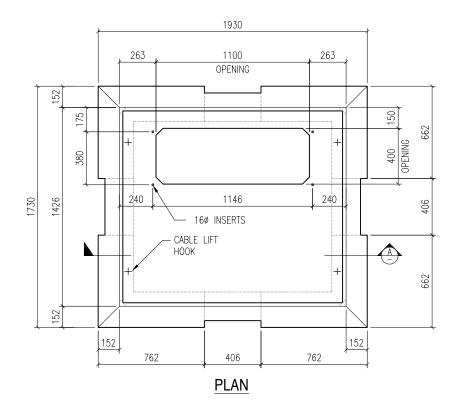
ELEVATION

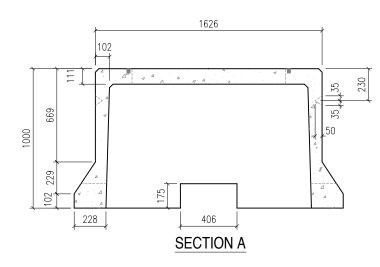
- **NOTES:** 75-500KVA MASS- 1925 KG (4250 LBS.)
 - CONCRETE- 35MPA, TYPE HSB - MIN. ALLOWABLE SOIL BEARING
 - CAPACITY 75KPA

- MAX. SUPERIMPOSED LOAD 3000KG - BLOCK OUTS ALL FOUR SIDES

Product No.

9219





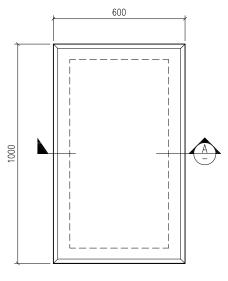


UTILITY PRODUCTS

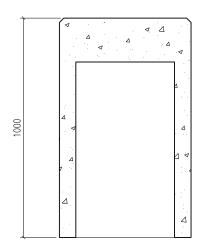
METERING PAD

NOTES: – MASS- 780KG (1720 LBS) – CONCRETE, 35MPA, TYPE HSB Product No.

9216



PLAN

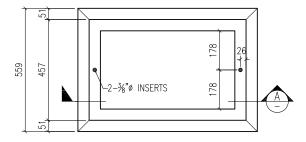


SECTION A

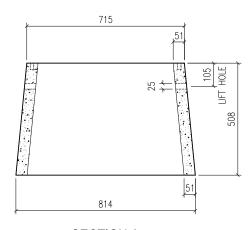


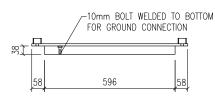
SECONDARY CONNECTION VAULT

NOTES: - MASS WITH LID- 170KG (370 LBS) - CONCRETE- 35MPA, TYPE HSB - BOLTS TO BE 3/8" X 16 NC HEX HEAD **Product No.**

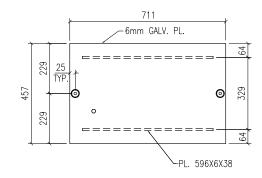










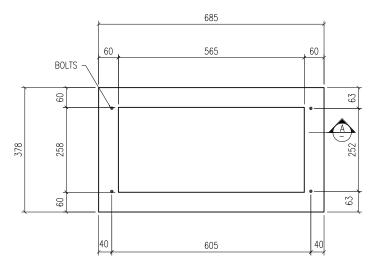




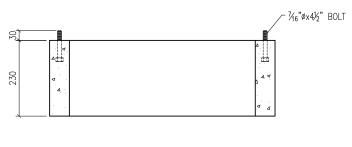
POWER SUPPLY BASE

NOTES: – MASS- 64KG (140 LBS) – CONCRETE- 35MPA, TYPE HSB **Product No.**

9221



PLAN



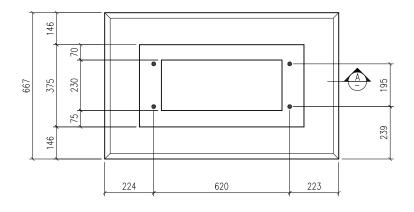
SECTION A



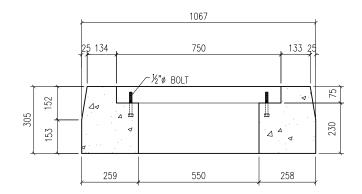
CABINET BASE

NOTES: – MASS- 400KG (880 LBS) – CONCRETE- 35MPA, TYPE HSB Product No.

9222



PLAN

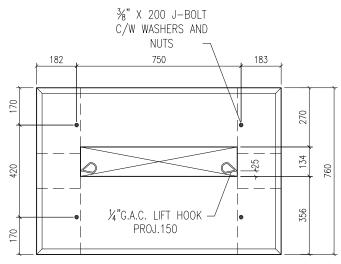


SECTION A

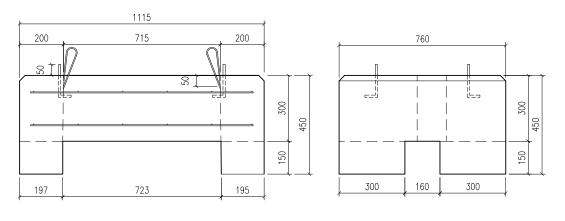


STREETLIGHT SERVICE CABINET

NOTES: – MASS- 800KG (1600 LBS) – CONCRETE- 35MPA, TYPE HSB **Product No.**







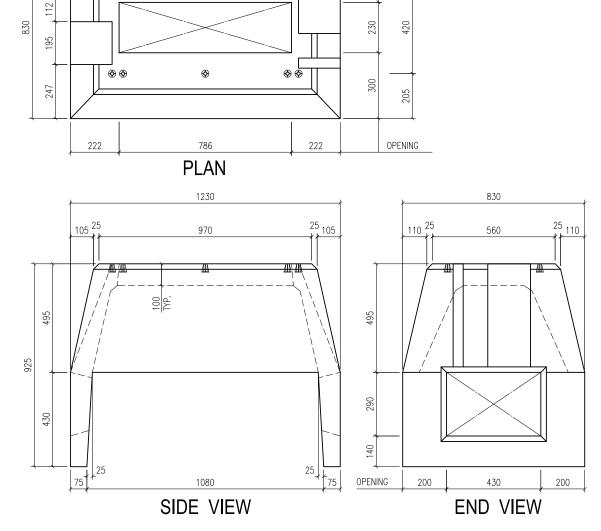






UTILITY PRODUCTS





CABINET BASE

50

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190

375

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NOTES: - MASS- 565KG (1250 LBS) - CONCRETE- 35MPA, TYPE HSB

50

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375

190

230

46

Product No.

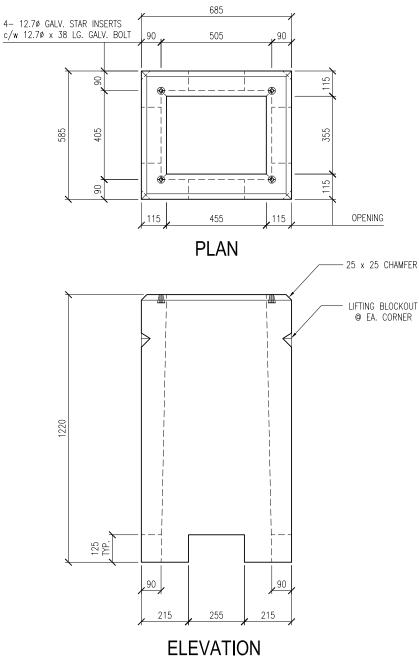
9224

10- 12.7ø GALV. STAR INSERTS c/w 12.7ø x 38 LG. GALV. BOLT

205

DISTRIBUTION CABINET BASE

NOTES: – MASS- 635KG (1400 LBS) – CONCRETE- 35MPA, TYPE HSB **Product No.**







PULL BOX & VAULT INDEX

PULL BOXES

Product No.	Description	Ref #	Page
1031	1.7m x 1.2m x 1.085m Pull Box	755 0559	33
1050/51	1.2m x 1.2m x 1.2m Pull Box	755 0558	34
1050/51-E	1.2m x 1.2m x 1.2m Pull Box	Epcor	36
1060/61	1.2m x 1.2m x 1.5m Pull Box	755 0560	38
1070	1.2m x 2.2m x 1.1m Pull Box	Atco	40

VAULTS

Product No.	Description	Ref #	Page			
Type A	Туре А					
1110	1.2m x 1.8m x 2.0m – Type A		42			
1120	1.4m x 2.7m x 2.0m – Type A		44			
1130	1.8m x 3.7m x 2.0m – Type A		46			
1140	1.8m x 3.7m x 2.4m – Type A		48			
Туре Т						
1220	1.4m x 2.7m x 2.0m – Type T		51			
1230	1.8m x 3.7m x 2.0m – Type T		53			
1240	1.8m x 3.7m x 2.4m – Type T		55			
1400	3.2m x 3.2m x 2.4m – Type O	Epcor	57			
1500	3.6m x 2.9m x 2.4m – Type V		59			
Valve Chambe	Valve Chambers					
1520	1.4m x 2.7m x 2.0m – Valve Chamber		62			
1530	1.8m x 3.7m x 2.0m – Valve Chamber		63			
1540	1.8m x 2.7m x 2.4m – Valve Chamber		64			

RISERS & ADAPTERS

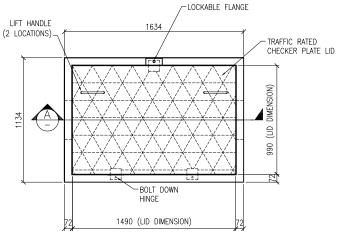
Product No.	Description	Ref #	Page
3606/42	914MM Diameter Risers		65
1300	914mm X 150MM High Adapter		66

NOTES: - CONCRETE- 35MPA, TYPE HSB

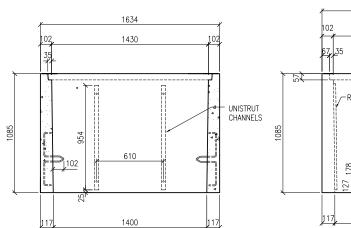
- LED ASSEMBLY GALVANIZED
- BOX MASS- 1,500 KG (3,310 LBS)
- LID MASS- 120 KG (265 LBS)
- TOTAL MASS- 1,620 KG (3575 LBS)
- LID TRAFFIC RATED TO 20,000 LBS FOR STRENGTH ONLY. NOT SUITABLE FOR ROADWAY TRAFFIC.

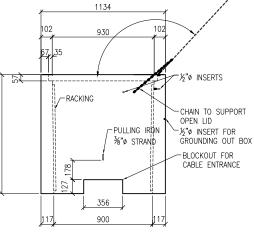
Product No.

1031









SECTION A

END VIEW

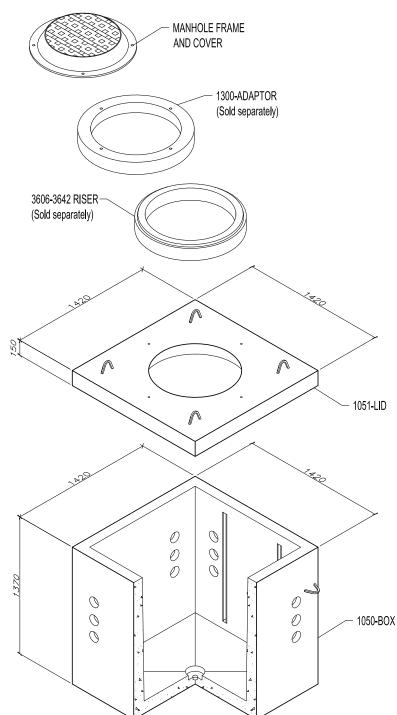


- **NOTES:** CONCRETE- 35MPA, TYPE HSB – BOX MASS- 2486 KG (5470 LBS)
 - LID MASS- 750 KG (1650 LBS)
 - TOTAL MASS- 3236 KG (7120LBS)
 PULL BOX COMES COMPLETE WITH
 - MANHOLE FRAME AND COVER, RAM-NEK AND 4 UNISTRUT CHANNELS
- ADAPTOR RING AND RISERS AVAILABLE AT EXTRA CHARGE BASED ON CONTRACTOR'S NEEDS

Product No.

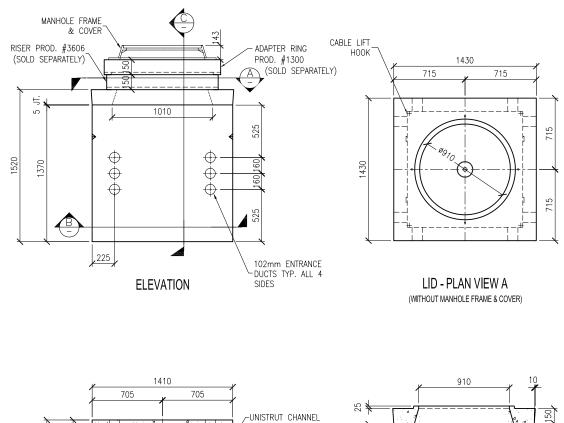
1050/51

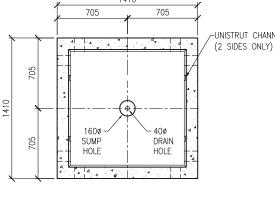
 ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR





Product No. 1050/51





BOX - PLAN VIEW B



115

95.

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4

285

UNISTRUT CHANNEL

1410

SECTION C

4

1245

125

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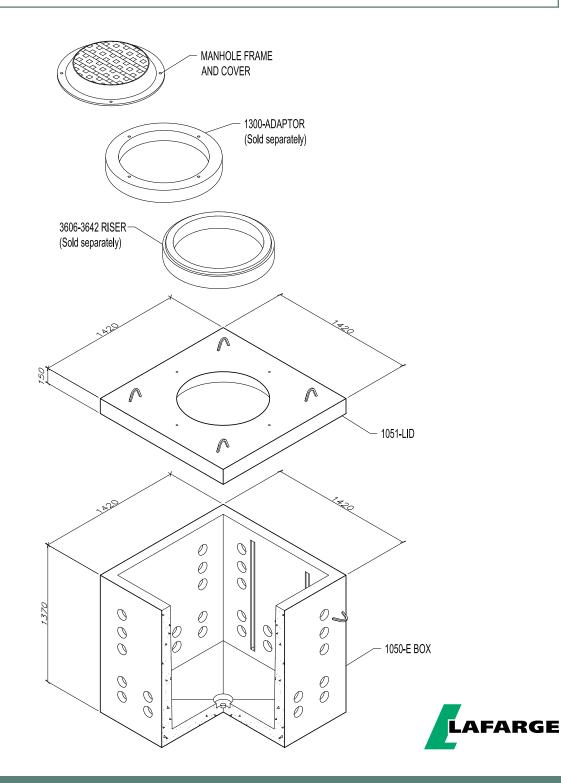
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,225

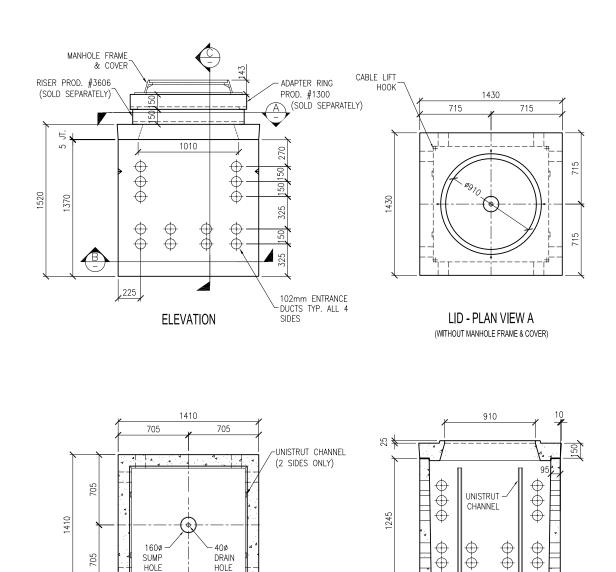
- NOTES: CONCRETE- 35MPA, TYPE HSB - BOX MASS- 2486 KG (5470 LBS)
 - BOX MASS- 2486 KG (5470 LBS) // - LID MASS- 750 KG (1650 LBS) (
 - TOTAL MASS- 3236 KG (7120LBS)
 - PULL BOX COMES COMPLETE WITH MAN HOLE FRAME AND COVER, RAM-NEK AND 4 UNISTRUT CHANNELS
- ADAPTOR RING AND RISERS AVAILABLE AT EXTRA CHARGE BASED ON CONTRACTOR'S NEEDS
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR



1050/51-E



Product No. 1050/51-E





25

,225

1410



285

115

PULL BOX & VAULT PRODUCTS

à

PULL BOX

Product No.

1060/61

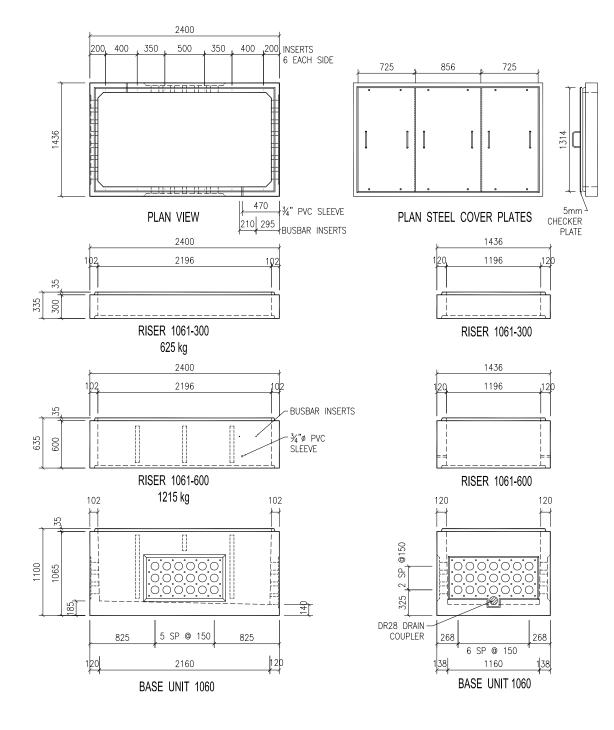
- **NOTES:** CONCRETE- 35MPA, TYPE HSB MASS- 1060/61-600 4420KG (9725LBS)
 - ALL METALLIC INSERTS, REINFORCEMENT & UNISTRUTS ARE INTERNALLY BONDED
 - BELL ENDS TO ACCEPT 4" DB-2 CONDUIT
 INDIVIDUAL LID MASS 21KG (46 LBS)

VARIES N 00000



PULL BOX





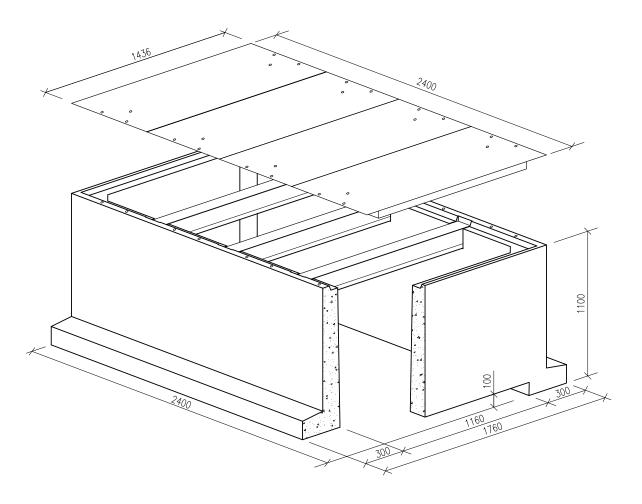


ATCO PULL BOX

NOTES: – CONCRETE- 35MPA, TYPE HSB – MASS- 2200KG (4800 LBS)

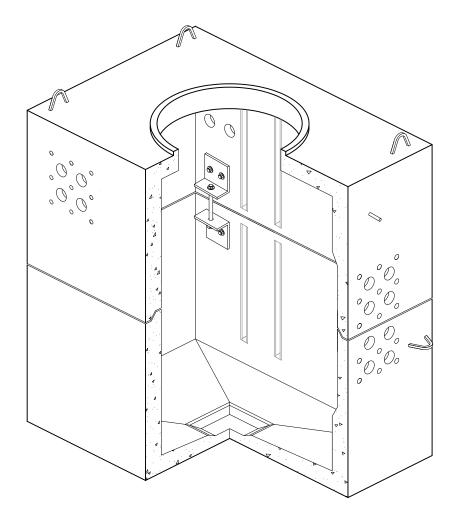
Product No.

1070





Product Code	Nominal Inside Dimensions (Width x Length x Height)	Weight (kg)
1110	1.2 x 1.8 x 2.0	5,943
1120	1.4 x 2.7 x 2.0	10,120
1130	1.8 x 3.7 x 2.0	16,000
1140	1.8 x 3.7 x 2.4	17,320



- **NOTES:** CONCRETE- 35MPA, TYPE HSB - MASS- 5,943 KG (13,075 LBS)
 - MASS- 5,943 KG (13,075 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 FROM VAULT
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM

Product No.

1110

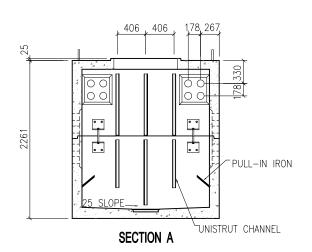
- ADEQUACY OF STRUCTURAL INTEGRITY
 FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT

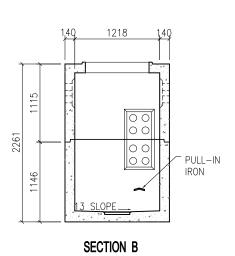
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PULL BOX & VAULT PRODUCTS

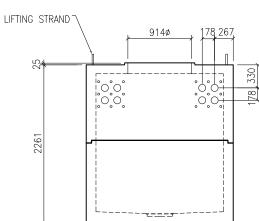




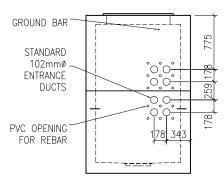


END VIEW

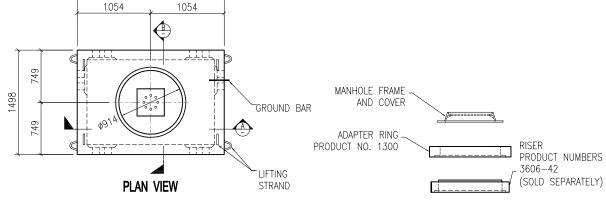




2108







"A" TYPE VAULT

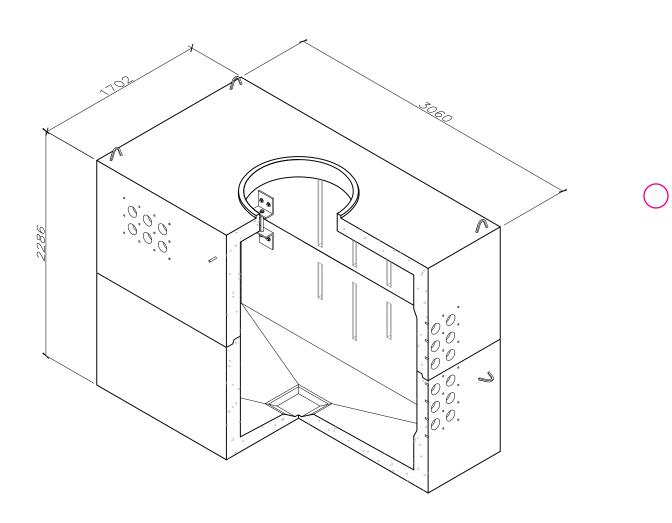


- NOTES: CONCRETE- 35MPA, TYPE HSB - MASS- 10,120 KG (22,264 LBS)
 - MASS- 10,120 KG (22,264 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE

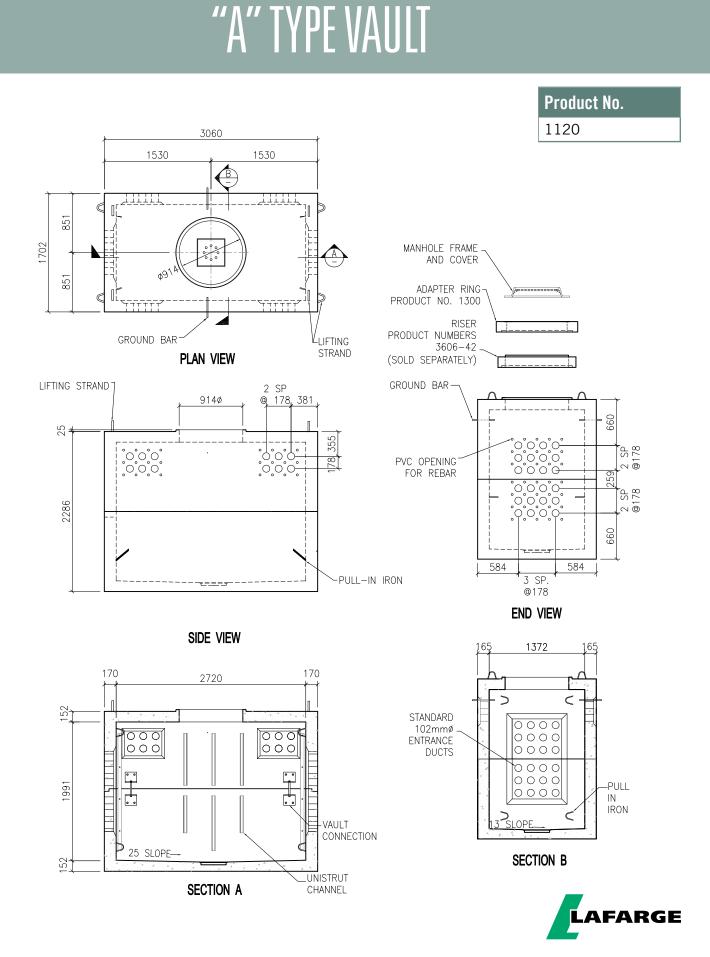
Product No.

1120

- FROM VAULT JOINT TO BE 200MM – ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT





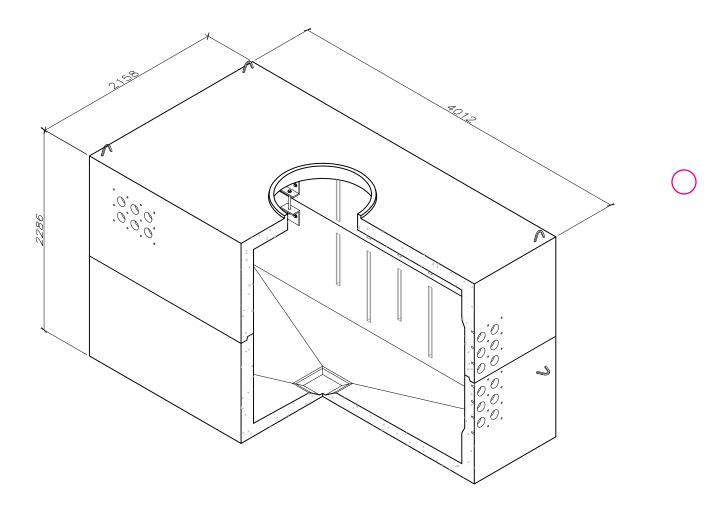


- **NOTES:** CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)
 - MASS- 16,000 KG (35,200 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM

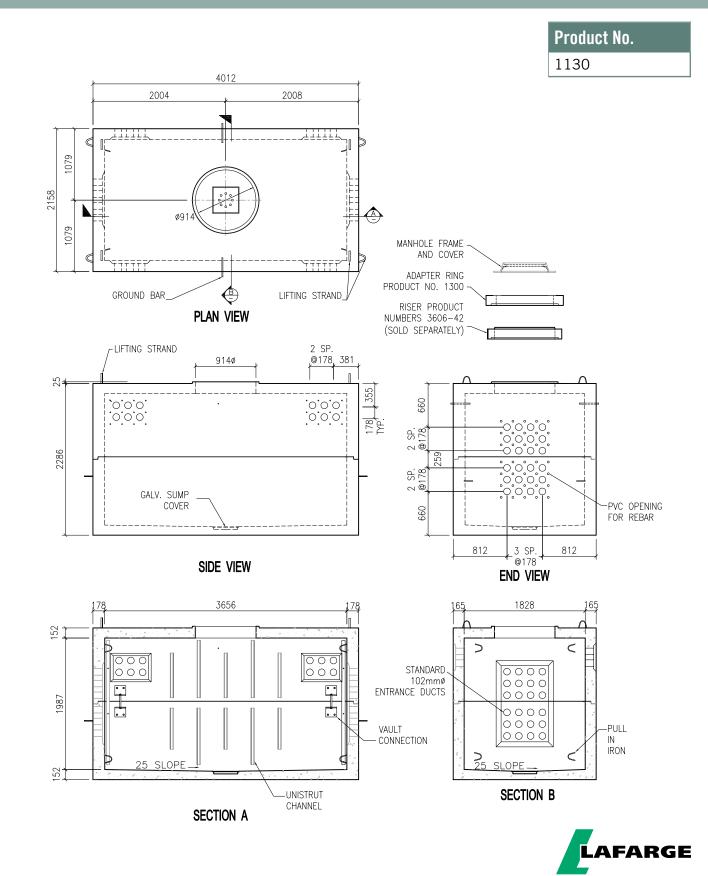
Product No.

1130

- ADEQUACY OF STRUCTURAL INTEGRITY
 FOR EACH INDIVIDUAL APPLICATION OF
 PRODUCT IS TO BE DETERMINED BY THE
 CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT





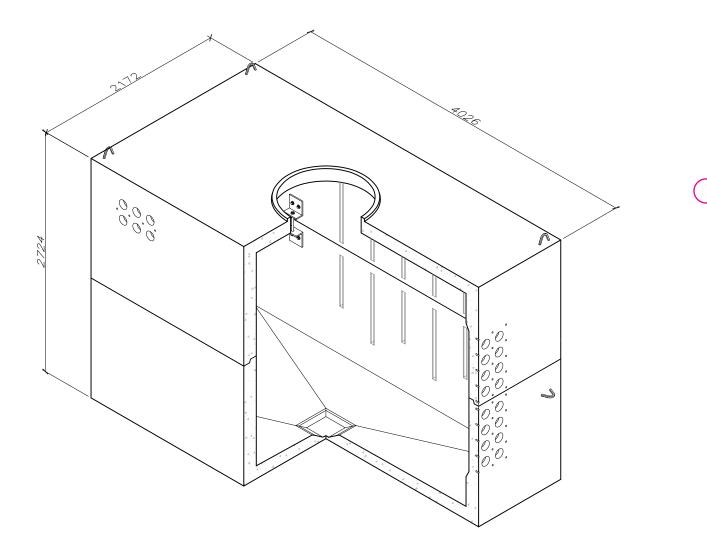


- **NOTES:** CONCRETE- 35MPA, TYPE HSB - MASS- 17,320 KG (38,200 LBS)
 - MASS- 17,320 KG (38,200 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM

Product No.

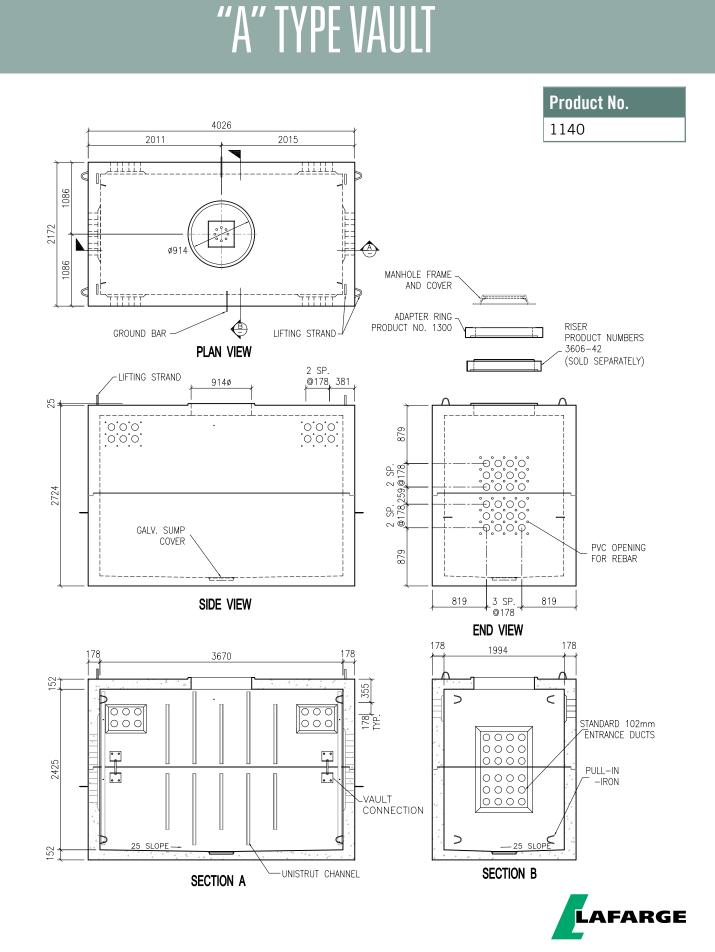
1140

- ADEQUACY OF STRUCTURAL INTEGRITY
 FOR EACH INDIVIDUAL APPLICATION OF
 PRODUCT IS TO BE DETERMINED BY THE
 CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT





PULL BOX & VAULT PRODUCTS

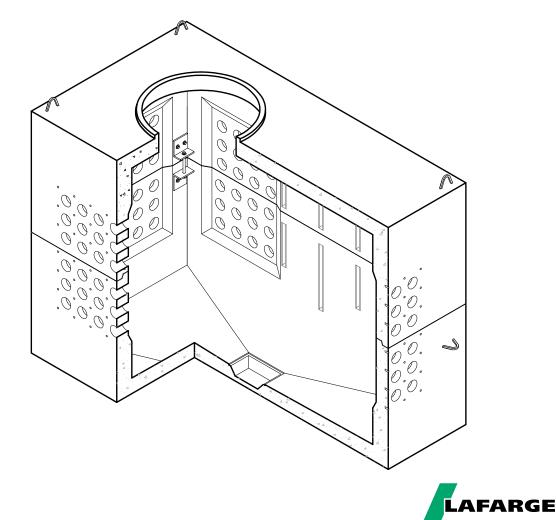


49

Product CodeNominal Inside Dimensions (Width x Length x Height)		Weight (kg)
1220	1.4 x 2.7 x 2.0	10,120
1230	1.8 x 3.7 x 2.0	16,000
1240	1.8 x 3.7 x 2.4	17,320

NOTES: - CONCRETE- 35MPA, TYPE HSB

- VAULT INCLUDES 9000 X 150 CAST IRON MANHOLE FRAME AND COVER AND 9000 X 150 HIGH ADAPTER RING
 RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF
 - VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE) – RAM-NEK GASKET, STEEL SUMP COVER, RACKING AND CONNECTION LAPDWARE ARE SUPPLIED WITH
 - AND CONNECTION HARDWARE ARE SUPPLIED WITH PRODUCT
- ENTRANCE DUCTS (KNOCK OUTS) CAST-IN TO ACCEPT 4" O DBII CONDUIT
- VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM

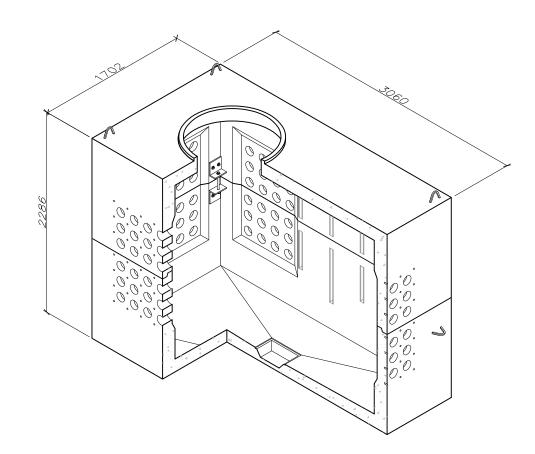


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 10,120 KG (22,264 LBS)

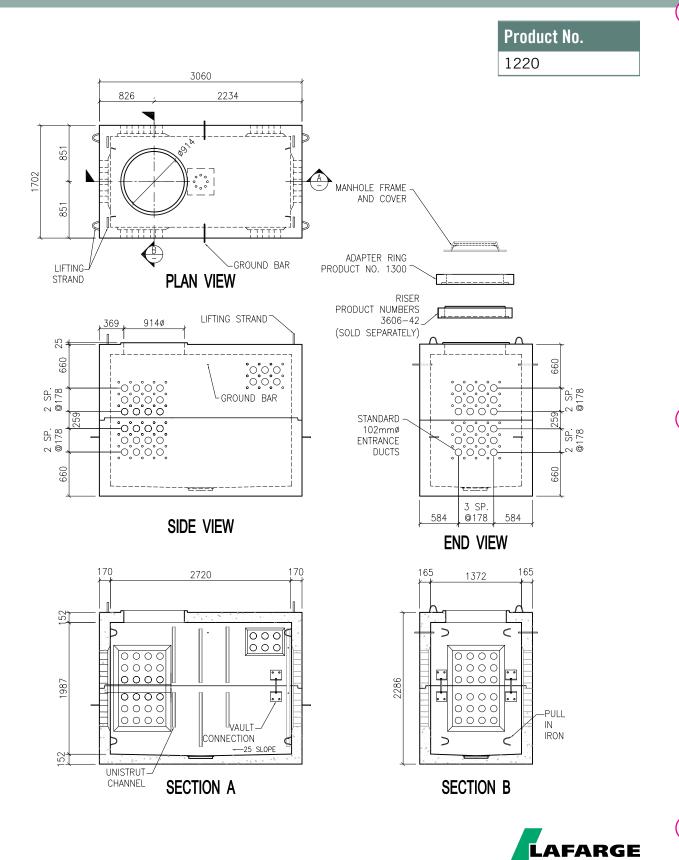
- WASS- 10,120 KG (22,264 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT

Product No.

1220





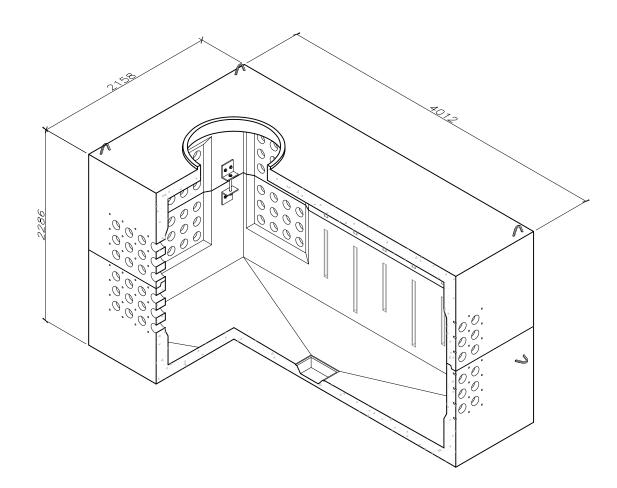


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)

- MASS- 16,000 KG (S5,200 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- ASSEMBLED ON SITE BY CONTRACTOR
 VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT

Product No.

1230



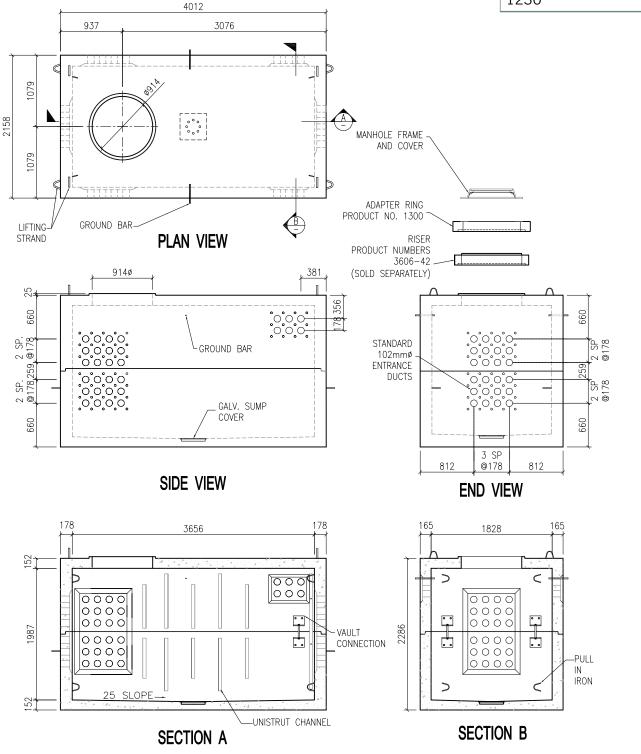


PULL BOX & VAULT PRODUCTS



Product No.

1230



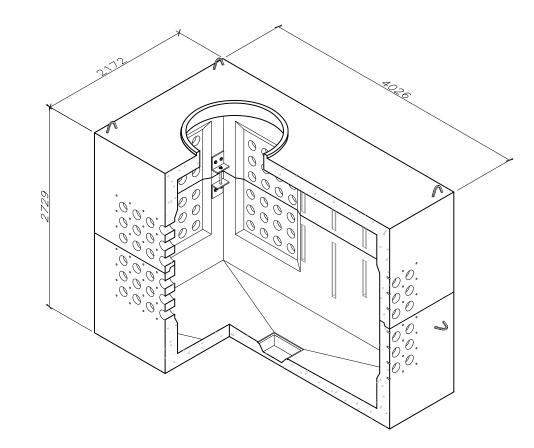
"T" TYPE VAULT

NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 17,320 KG (38,200 LBS)

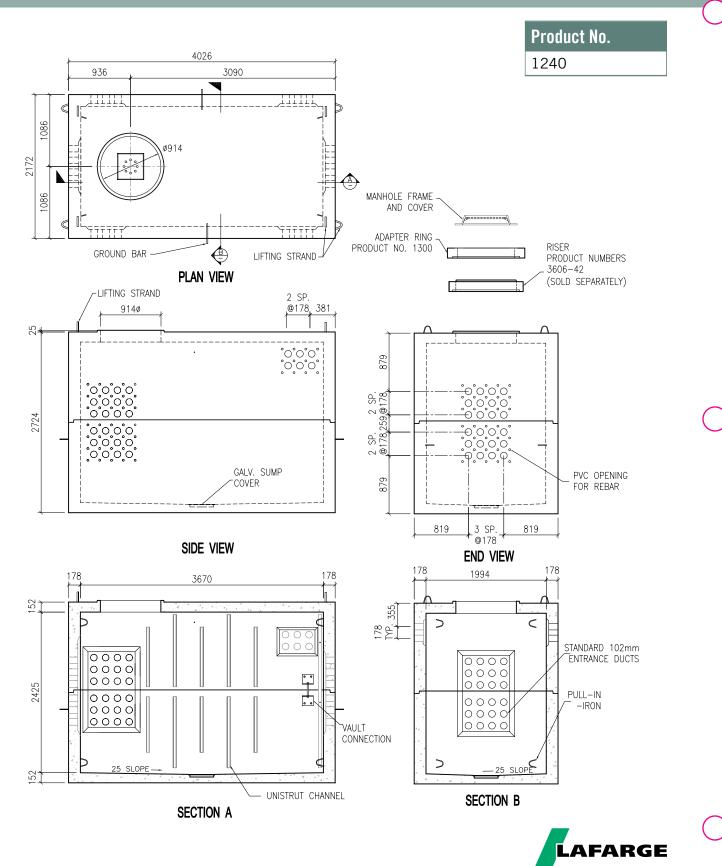
- VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT

Product No.

1240



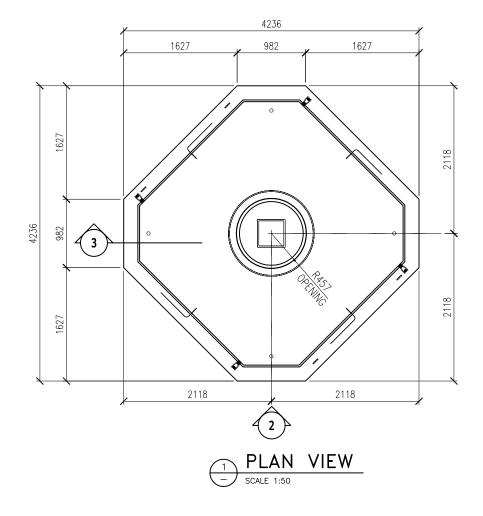




1400 VAULT

NOTES: – CONCRETE- 35MPA, TYPE HSB – MASS- 31,900KG (71,300 LBS) Product No.

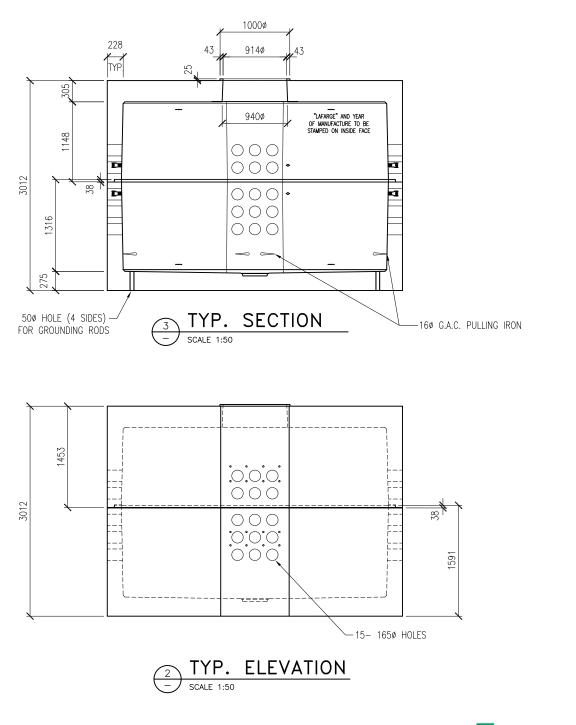
1400





1400 VAULT

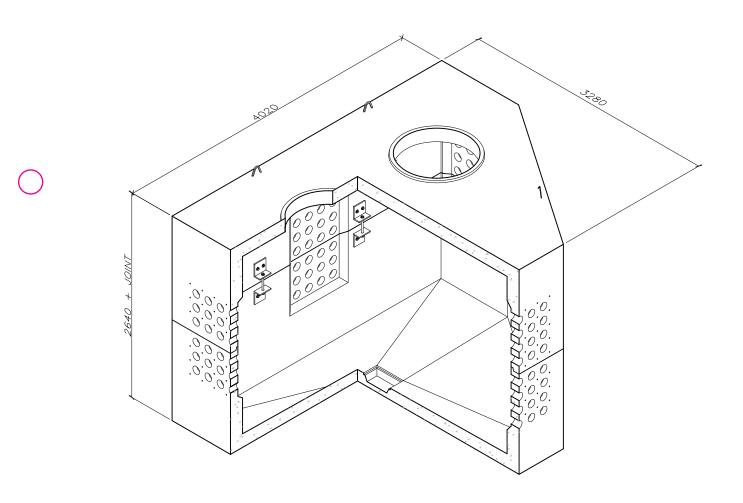
Product No. 1400



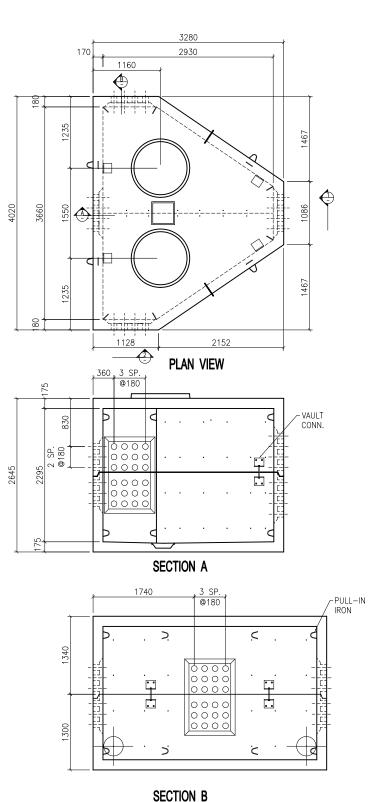


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 17,621KG (38,766 LBS) - BELL END TO ACCEPT 4" DBII CONDUIT **Product No.**

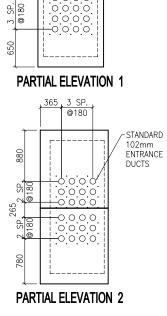
1500







Product No. 1500



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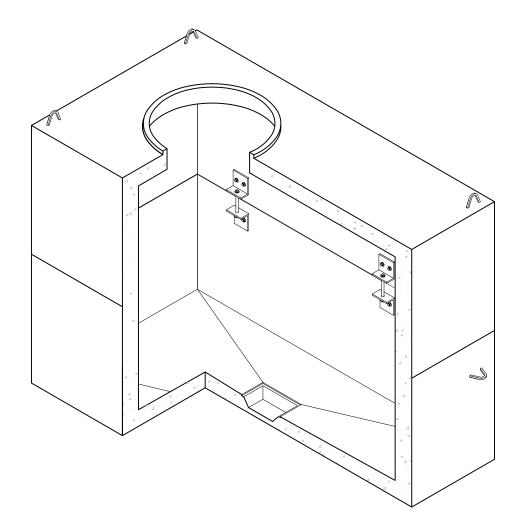
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VALVE CHAMBERS

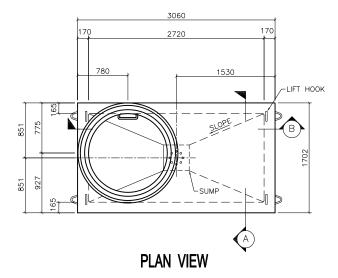
Product Code	Nominal Inside Dimensions (Width x Length x Height)	Weight (kg)
1520	1.4 x 2.7 x 2.0	10,120
1530	1.8 x 3.7 x 2.0	16,000
1540	1.8 x 3.7 x 2.0	17,320

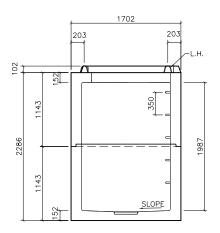




VALVE CHAMBER

- CONCRETE- 35MPA, TYPE HSBMASS- 10,120 KG (22,264 LBS) NOTES:
 - - VAULT SUPPLIED IN TWO HALVES, _ ASSEMBLED ON SITE BY CONTRACTOR VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE
 - AND VAULT CONNECTION HARDWARE - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE
- FROM VAULT JOINT TO BE 200MM ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- VALVE UNITS AND OTHER MISCELLANEOUS TO BE EPOXIED INTO FLOOR ON-SITE BY CONTRACTOR

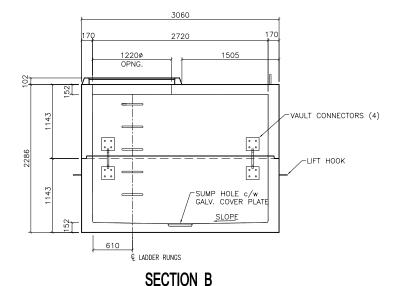




Product No.

1520







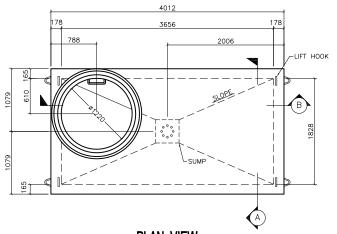
VALVE CHAMBER

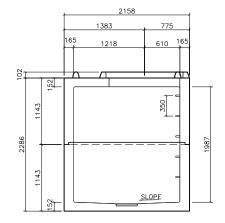
NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)

- MASS- 16,000 KG (35,200 LBS)
 VAULT SUPPLIED IN TWO HALVES,
- ASSEMBLED ON SITE BY CONTRACTOR – VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 200 HIGH SLAB TOP, 150 HIGH ADAPTOR, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CONTRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM
- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- VALVE UNITS AND OTHER MISCELLANEOUS TO BE EPOXIED INTO FLOOR ON-SITE BY CONTRACTOR

Product No.

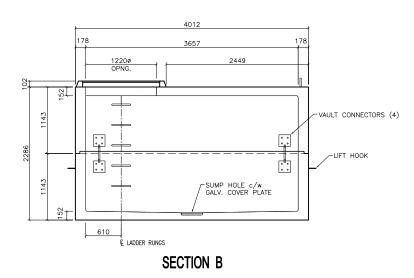
1530





PLAN VIEW







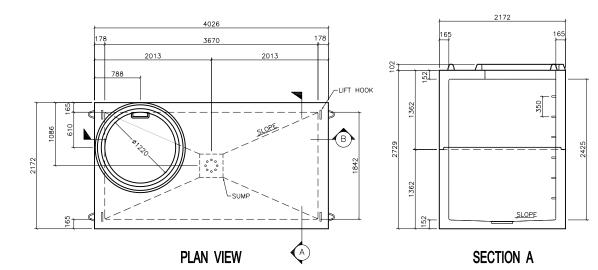
VALVE CHAMBER

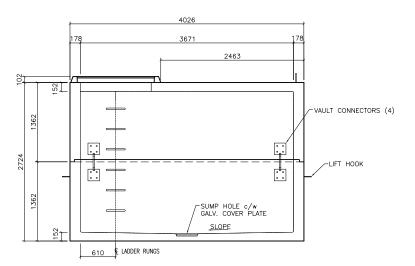
- NOTES: CONCRETE- 35MPA, TYPE HSB - MASS- 17,320 KG (38,200 LBS)
 - VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 200 HIGH SLAB TOP, 150 HIGH ADAPTOR, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - RISER BARRELS AVAILABLE AT EXTRA CHARGE
 - DESIGNED FOR MAXIMUM 1.5M COVER FROM TOP OF VAULT (FOR DEEPER BURIAL, CONTACT LAFARGE)
- CORING HOLES FOR INLET/OUTLET IN VAULTS TO BE DONE ON-SITE BY CON TRACTOR, MINIMUM EDGE DISTANCE FROM VAULT JOINT TO BE 200MM

Product No.

1540

- ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- VALVE UNITS AND OTHER
 MISCELLANEOUS TO BE EPOXIED INTO FLOOR ON-SITE BY CONTRACTOR







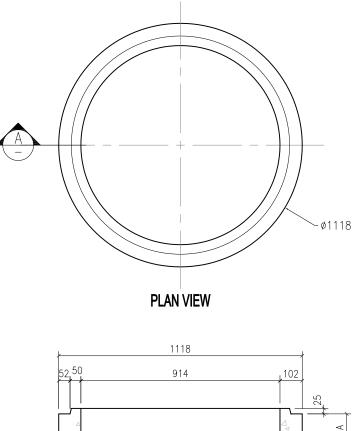
SECTION B

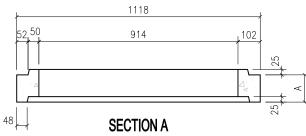
RISERS

NOTES: – CONCRETE- 35MPA, TYPE HSB

Product No.

3606-3642



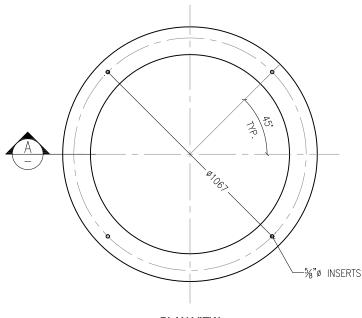




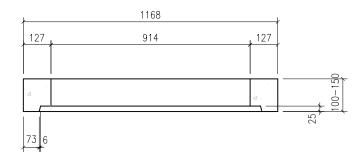
ADAPTER RING

NOTES: – CONCRETE- 35MPA, TYPE HSB – MASS- 143 KG (315 LBS) **Product No.**

1300



PLAN VIEW



SECTION A



PRECAST TRENCH SYSTEMS

LIGHT LOAD TRENCH (Rated for 980 Kg/m2)

MEDIUM LOAD TRENCH (Rated for Max GVW of 4,100Kgs)

HEAVY LOAD TRENCH (Rated for H20 Loading)





PRECAST TRENCH SYSTEMS INDEX

LIGHT LOAD TRENCH (Rated for 980 Kg/m2)

Product No.	Description	Page
9510	600mm trench available in 300, 450 & 600 mm depths	69
9520	900mm trench available in 300, 450 & 600 mm depths	69
9530	1200mm trench available in 300, 450 & 600 mm depths	69
9511	750 x 750 mm lid	70
9521	1050 x 750 mm lid	70
9531	1350 x 600 mm lid	70

MEDIUM LOAD TRENCH (Rated for Max GVW of 4,100Kgs)

Product No.	Description	Page
9540	600mm trench available in 300, 450 & 600 mm depths	71
9550	900mm trench available in 300, 450 & 600 mm depths	71
9560	1200mm trench available in 300, 450 & 600 mm depths	71
9541	780 x 1500 mm lid	72
9551	1080 x 1500 mm lid	72
9561	1380 x 1500 mm lid	72

HEAVY LOAD TRENCH (Rated for H20 Loading)

Product No.	Description	Page
9570	600mm trench available in 300, 450 & 600 mm depths	73
9580	900mm trench available in 300, 450 & 600 mm depths	73
9590	1200mm trench available in 300, 450 & 600 mm depths	73
9571	720 x 3000 mm lid	74
9581	1020 x 3000 mm lid	74
9591	1320 x 3000 mm lid	74

LIGHT LOAD RATED TRENCH (980 KG/M²)

NOTES: - CONCRETE- 35MPA, TYPE HSB CEMENT

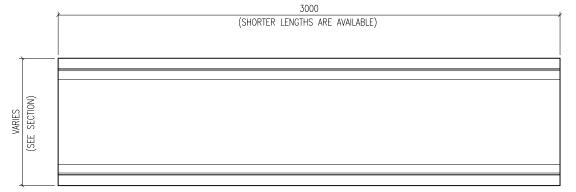
Product No.

9510, 9520, 9530

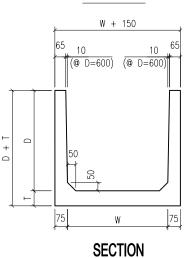
OPTIONS : - MITRED OR TEE ENDS - OPEN BOTTOM - EMBED PLATES - UNISTRUT CHANNEL

- DRAIN HOLES

Product No. (Trenches)	W	D	T	Weight (kg/pc)
		300	75	740
9510	600	450	75	885
		600	75	1030
		300	75	900
9520	900	450	75	1050
		600	75	1195
		300	90	1210
9530	1200	450	90	1360
		600	90	1505



PLAN VIEW



[W = TRENCH INSIDE WIDTH][D = TRENCH INSIDE DEPTH]

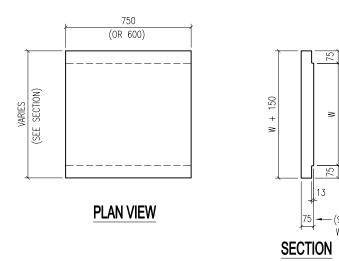


PRECAST TRENCH SYSTEMS

LIGHT LOAD RATED LID (980 KG/M²)

NOTES: - CONCRETE- 35MP - STEEL LID IS AVAI	Product No.			
	9511, 9521, 9531			
Product No. (Lids)	Width	Thickness	Length	Weight (kg/pc)
9511	600	75	750	100
9521	900	75	750	140

(90 FOR W = 1200)





PRECAST TRENCH SYSTEMS

MEDIUM LOAD RATED TRENCH (MAX. GVW 4,100 KG)

NOTES: - CONCRETE- 35MPA, TYPE HSB CEMENT

Product No.

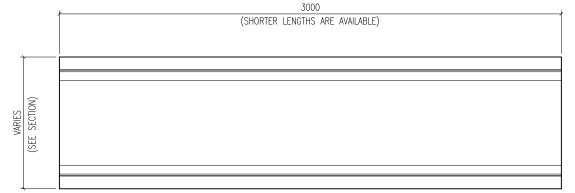
9540, 9550, 9560

OPTIONS : - MITRED OR TEE ENDS - OPEN BOTTOM - EMBED PLATES

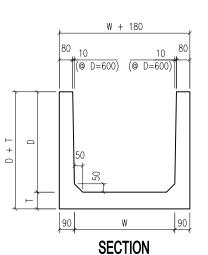
- UNISTRUT CHANNEL

- DRAIN HOLES

Product No. (Trenches)	W	D	T	Weight (kg/pc)
		300	100	960
9540	600	450	100	1145
		600	100	1320
		300	100	1175
9550	900	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1360	
		600	100	1535
		300	100	1390
9560	1200	450	100	1580
		600	100	1750



PLAN VIEW



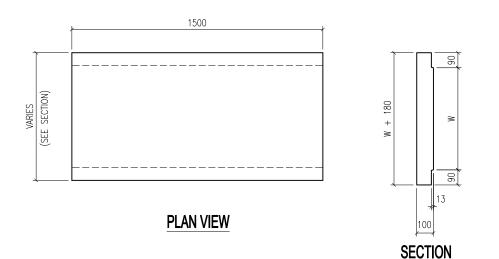
[W = TRENCH INSIDE WIDTH][D = TRENCH INSIDE DEPTH]



PRECAST TRENCH SYSTEMS

MEDIUM LOAD RATED LID (MAX. GVW 4,100 KG)

NOTES:- CONCRETE- 35MPA, TYPE HSB CEMENT
- STEEL LID IS AVAILABLE UPON REQUESTProduct No.
9541, 9551, 9561Product No. (Lids)WTWeight (kg/pc)9541600100275





HEAVY LOAD RATED TRENCH (H20 LOADING)

NOTES: - CONCRETE- 35MPA, TYPE HSB CEMENT

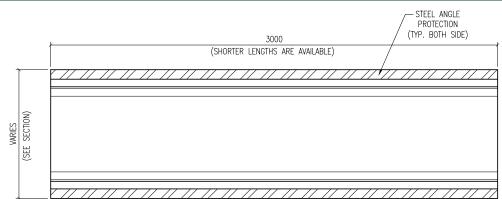
Product No.

9570, 9580, 9590

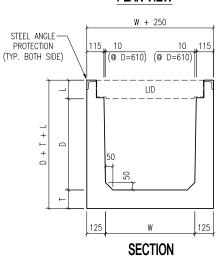
OPTIONS : - MITRED OR TEE ENDS - OPEN BOTTOM - EMBED PLATES - UNISTRUT CHANNEL

DRAIN HOLES

Product No. (Trenches)	W	D	T	Weight (kg/pc)
		300	125	1450
9570	600	450	125	1710
		600	125	1960
	900	300	125	1750
9580		450	125	2000
		600	125	2250
		300	125	2010
9590	1200	450	125	2270
		600	125	2520



PLAN VIEW

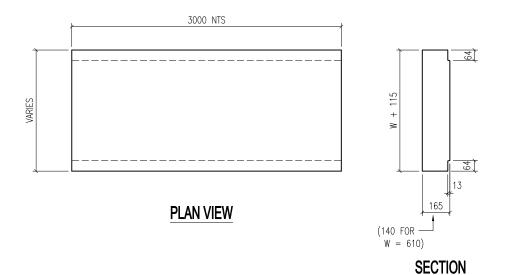




PRECAST TRENCH SYSTEMS

HEAVY LOAD RATED LID (H20 LOADING)

NOTES: - CONCRETE- 35MPA, TYPE HSB CEMENT - STEEL LID IS AVAILABLE UPON REQUEST Product No. 9571, 9581, 9591 Product No. (Lids) W T Weight (kg/pc) 9571 600 140 700







CONSTRUCTION PRODUCTS INDEX

TRAFFIC BARRIERS, CURBS & LAFARGE BLOCKS

Product No.	Description	Page
9301	Parking Curb (low profile) – 4" high x 8' wide x 7'-0" long	77
9303	Parking Curb – 8" high x 8' wide x 7'-0" long- Calg. only	78
4010	Parking Curb - 185mm high x 610mm wide x 2.37m long- Edm. only	79
4020	Mini Barrier - 450mm high x 450mm wide x 3m long- Edm. only	80
4021	Transition Mini Barrier - 450mm high x 450mm wide x 1.2m long- Edm. only	81
9003	Mini Barrier - 450mm high x 450mm wide x 3m long- Calg. only	82
9005	Transition Mini Barrier - 450mm high x 450mm wide x 1.2m long- Calg. only	83
4030	New Jersey Barrier - 865mm high x 610mm wide x 3m long- Edm. only	84
4031	Sloped Transition Barrier – 1.83m long – Edm. only	85
4032	Top lift Barrier – Edm. only	86
9001	New Jersey Barrier - 865mm high x 660mm wide x 3m long- Calg. only	87
9004	Sloped Transition Barrier –3m long – Calg. only	88
4040	Type "F" Barrier – 810mm high x 570mm wide x 3m long	89
4041	Type "F" Transition Barrier – 810mm high x 570mm wide x 5m long	90, 91
4040-TL3	Median Barrier – 810mm high x 570mm wide x 3m long "crash tested"	92
4041-TL3	Transition Barrier – 810mm high x 570mm wide x 5m long "crash tested"	93
9011	Lafarge Block – 30" x 30" x 60" – Calg. only	94
9012	Lafarge Block – 30" x 30" x 30" Half– Calg. only	95
9013	Lafarge Block – 30" x 30" x 60" – Edm. only	96
9014	Lafarge Block – 30" x 30" x 30" Half– Edm. only	97
9011-S	Lafarge Block – 30" x 30" x 60" – Calg. only	98
9012-S	Lafarge Block – 30" x 30" x 30" Half– Calg. only	99

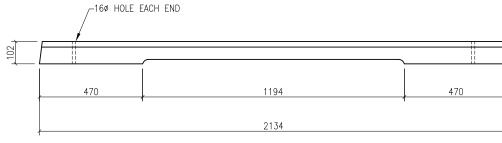
MISCELLANEOUS PRODUCTS

Product No.	Description	Page
9320	350 x 200 x 1200 mm long Cable Tray Sleeper	100
9321	254 x 254 x 1219 mm long Cable Tray Sleeper	101
9322	406 x 305 x 1219 mm long Cable Tray Sleeper	102
9327	Sign Post Base	103
9328	Large Sign Base	104
9335	Splash Pad	105
9337	Boat Ramps	106
9338	Crossing Slabs	107
9339	Painted Bollards	108
9340	Galvanized Bollards	109
9346/47	Feed Bunk – 32" x 10'-0" x 30" high	110

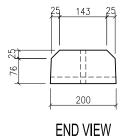
LOW PROFILE CURB

NOTES: - CONCRETE- 35MPA - MASS- 80 KG (175 LBS) - 2 ANCHORING PINS INCLUDED WITH CURB (10M X 300 LG.) Product No.

9301



SIDE VIEW

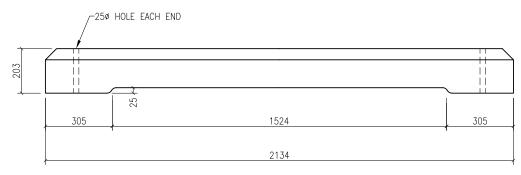




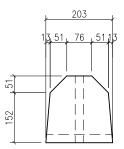
PARKING CURB

NOTES: - CONCRETE- 35 MPA - MASS- 160 KG (350 LBS) - 2 ANCHORING PINS INCLUDED WITH (15M X 400 LG.) Product No.

9303



SIDE VIEW



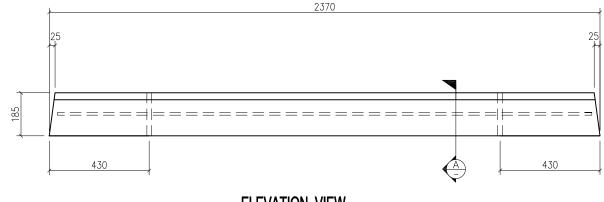
END VIEW



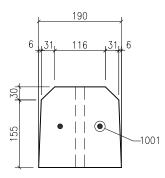
PARKING CURB

NOTES: - CONCRETE- 35MPA - MASS- 185 KG (410 LBS) - 2 ANCHORING PINS INCLUDED WITH (15M X 400 LG.) Product No.

4010



ELEVATION VIEW



SECTION - A

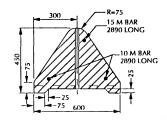


MINI BARRIER

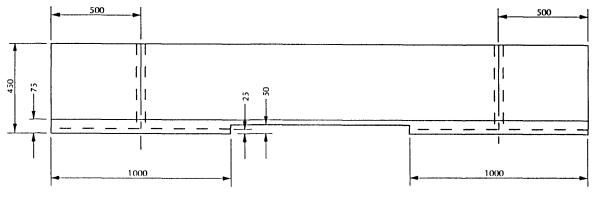
NOTES: – CONCRETE- 35MPA

Product No.

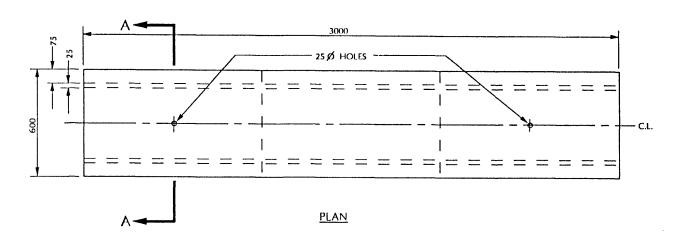
900**6**







ELEVATION



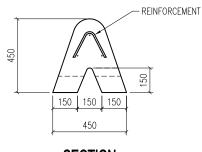


MINI BARRIER

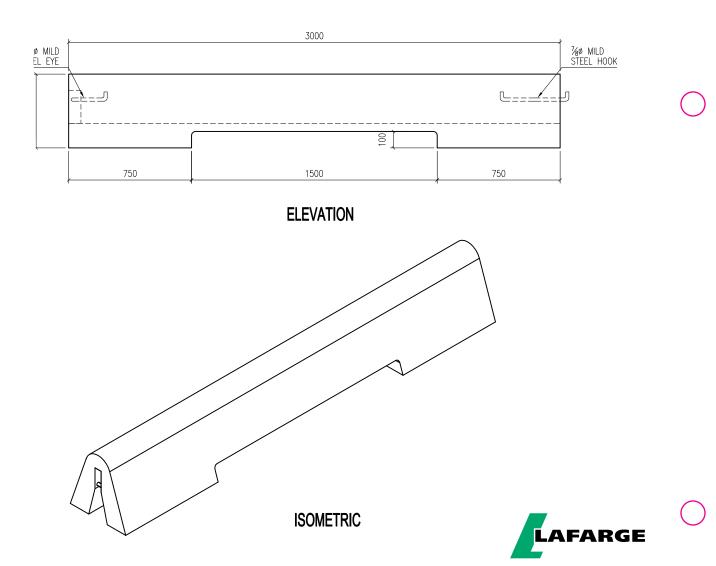
NOTES: - CONCRETE- 35MPA - MASS- 660 KG (1450 LBS)

Product No.

4020



SECTION

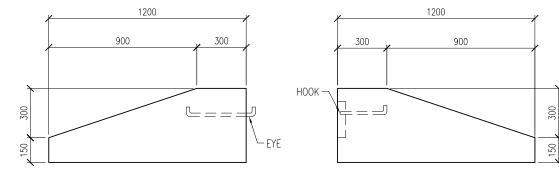


MINI BARRIER- TRANSITION END

NOTES: - CONCRETE- 35MPA - MASS- 265KG (585 LBS)

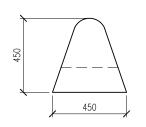
Product No.

4021

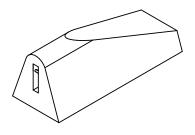


MALE END ELEVATION

FEMALE END ELEVATION



SECTION



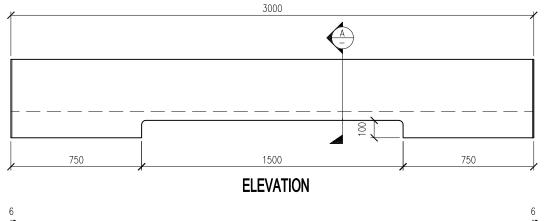
ISOMETRIC

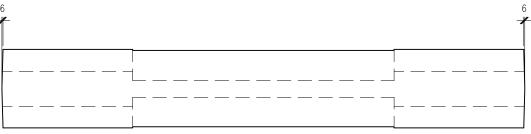


TRAFFIC BARRIER

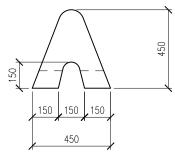
NOTES: – CONCRETE- 35MPA – MASS- 660KG (1450 LBS) Product No.

9003





PLAN VIEW



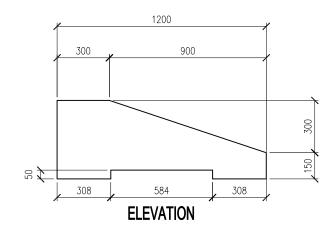
SECTION A

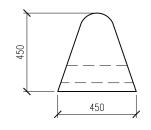


MINI BARRIER- TRANSITION END

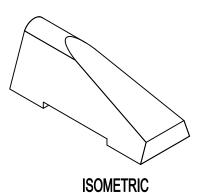
NOTES: - CONCRETE- 35MPA - MASS- 265KG (585 LBS) **Product No.**

9005



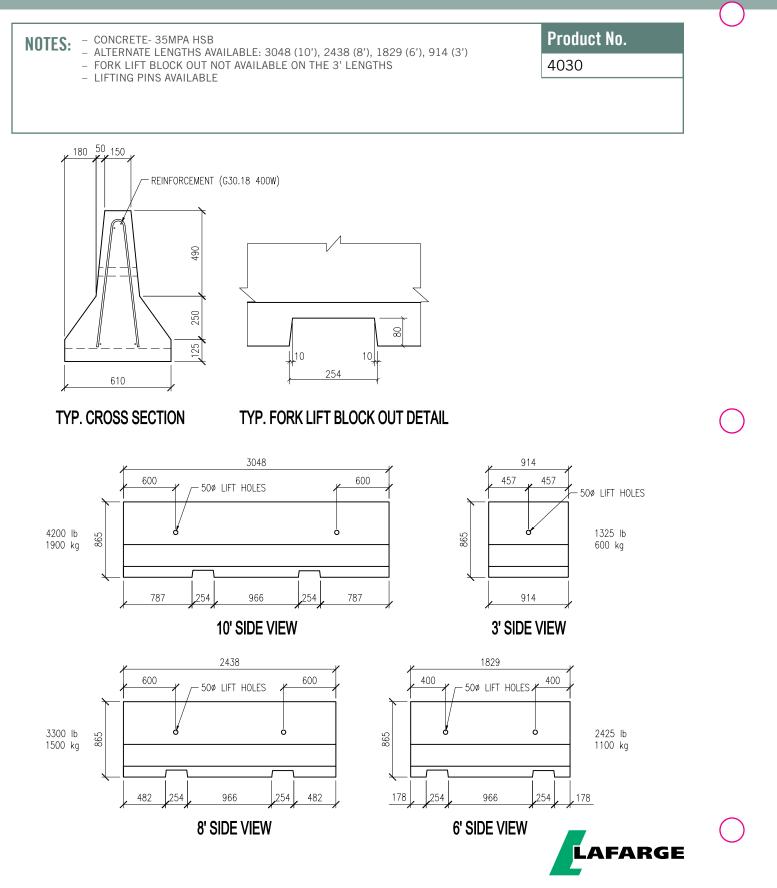


SECTION



LAFARGE

NEW JERSEY BARRIER

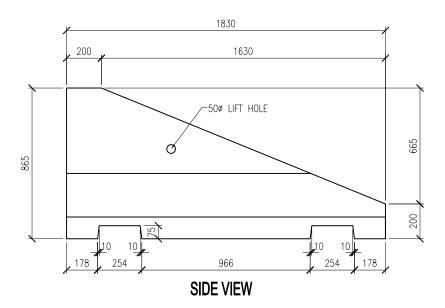


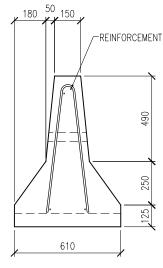
NEW JERSEY BARRIER TRANSITION

NOTES: - CONCRETE- 35MPA - MASS- 940KG (2075 LBS)

Product No.

4031





CROSS SECTION

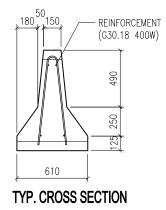


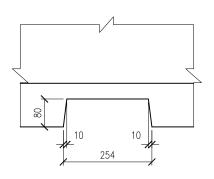
TOP LIFT BARRIER

NOTES: - CONCRETE- 35MPA HSB

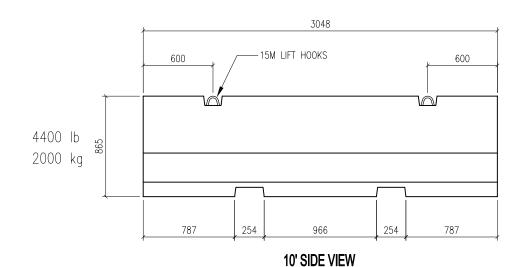
Product No.

4032





TYP. FORK LIFT BLOCK OUT DETAIL



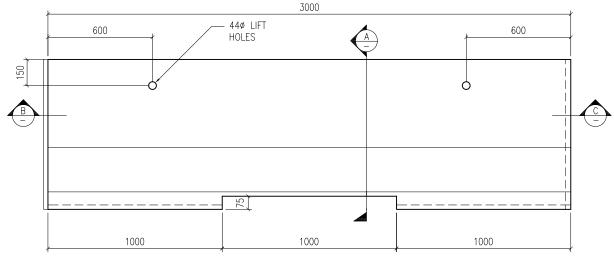


NEW JERSEY BARRIER

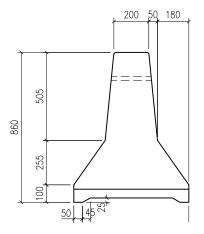
NOTES: - CONCRETE- 35MPA - MASS- 2085KG (4595 LBS)

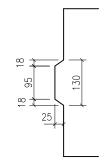
Product No.

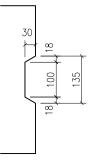
9001



SIDE VIEW







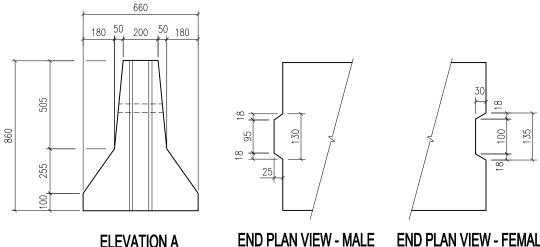


TRANSITION BARRIER

NOTES: - CONCRETE- 35MPA - MASS- 1280KG (2825 LBS)

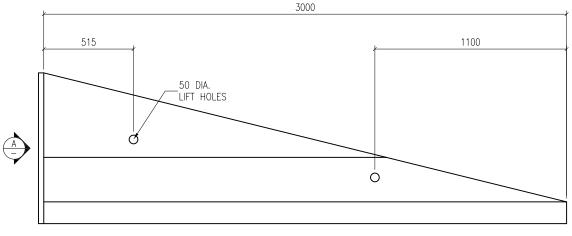
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Product No.
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9004



ELEVATION A







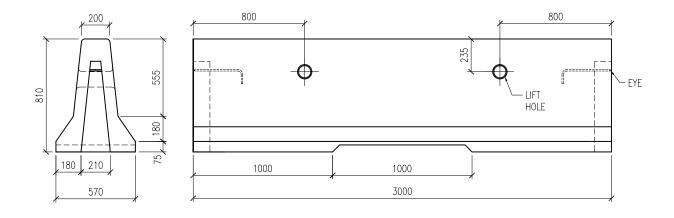


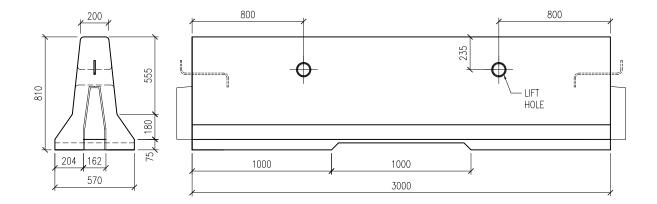
TYPE "F" MEDIAN BARRIER

NOTES: - CONCRETE- 40MPA - MASS- 2000KG (4400 LBS)

Product No.

4040

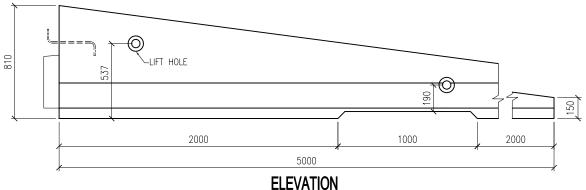




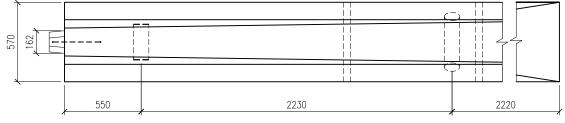
LAFARGE

CONSTRUCTION PRODUCTS

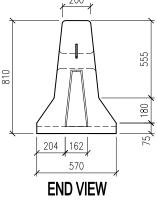








TYPE "F" MALE TRANSITION BARRIER



200 810

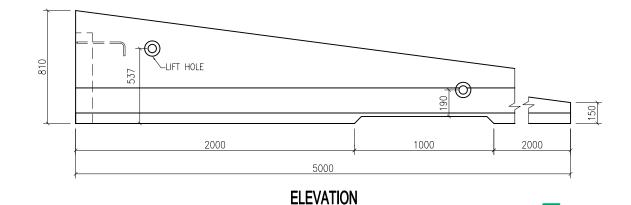
NOTES: - CONCRETE- 40MPA - MASS- 1090KG (2400 LBS)

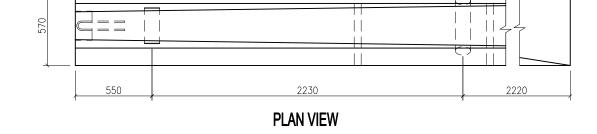
Product No.

4041-M

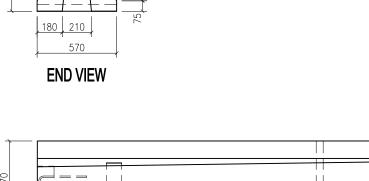
CONSTRUCTION PRODUCTS

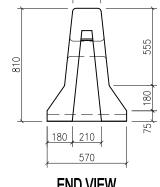






TYPE "F" FEMALE TRANSITION BARRIER



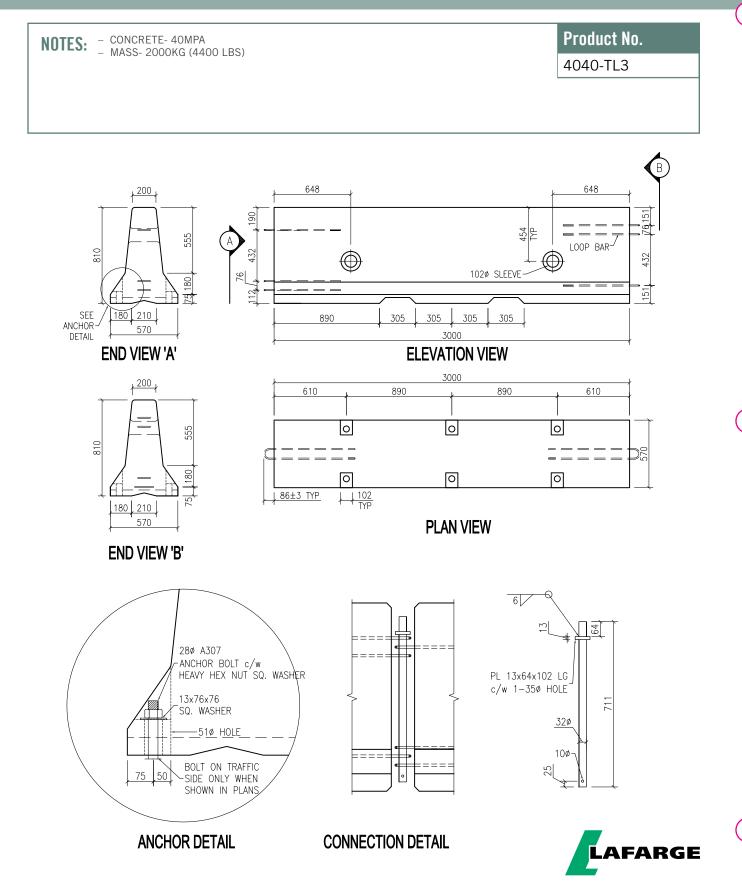


200

NOTES: - CONCRETE- 40MPA - MASS- 1090KG (2400 LBS) Product No.

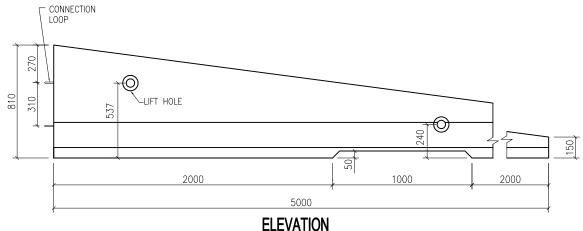
4041-F

TL3 MEDIAN BARRIER

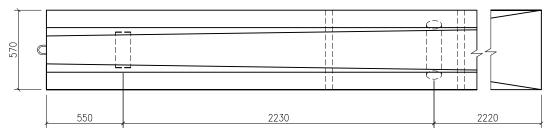


CONSTRUCTION PRODUCTS

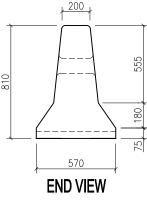


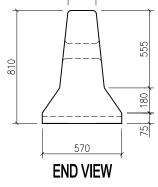






NON-RATED TRANSITION FOR THE TL3 BARRIER





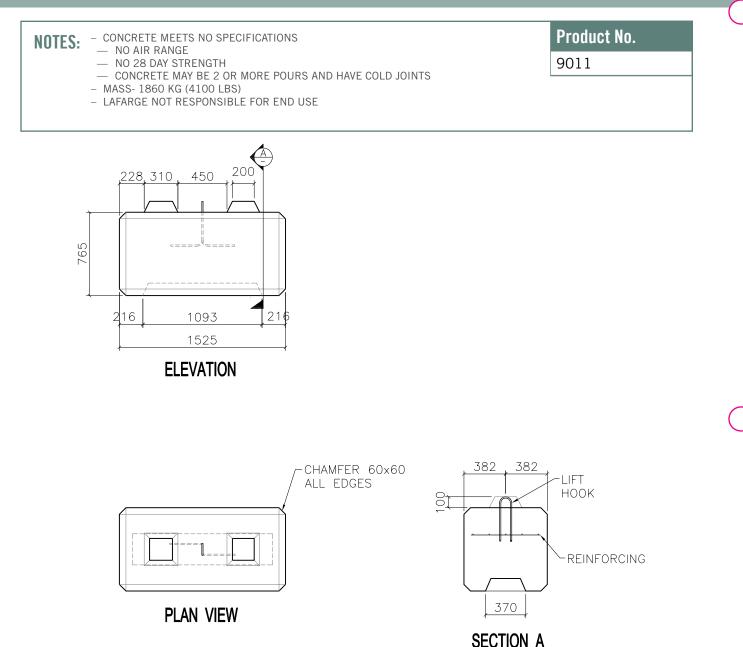
NOTES: - CONCRETE- 40MPA - MASS- 1090KG (2400 LBS)

Product No.

4041-TL3

93

LAFARGE BLOCK



Lafarge informs its customers of potential limitations using blocks manufactured from waste concrete. Limitations include product delaminating, lift hook pull out and low concrete strength. As such, wasted concrete blocks may not be suitable for certain tasks or projects.

Determination of the suitability of blocks made from waste concrete for the Purchaser's end use rests solely with the Purchaser. Procedures for safe handling during transportation and installation rests solely with the Purchaser.

Lafarge makes no representations, warranties or guarantees as to the waste concrete block strength, durability and colour uniformity.

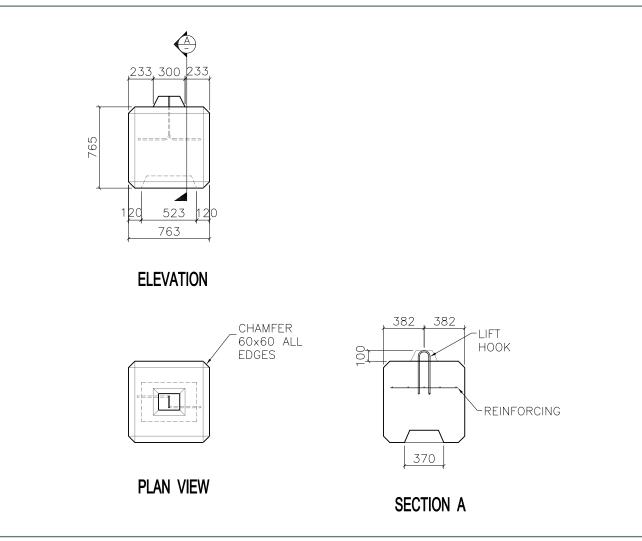
This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



1/2 LAFARGE BLOCK

NOTES: - CONCRETE MEETS NO SPECIFICATIONS

- NO AIR RANGE
 - NO 28 DAY STRENGTH
 - CONCRETE MAY BE 2 OR MORE POURS AND HAVE COLD JOINTS
 - MASS- 930 KG (2050 LBS)
 - LAFARGE NOT RESPONSIBLE FOR END USE



Lafarge informs its customers of potential limitations using blocks manufactured from waste concrete. Limitations include product delaminating, lift hook pull out and low concrete strength. As such, wasted concrete blocks may not be suitable for certain tasks or projects.

Determination of the suitability of blocks made from waste concrete for the Purchaser's end use rests solely with the Purchaser. Procedures for safe handling during transportation and installation rests solely with the Purchaser.

Lafarge makes no representations, warranties or guarantees as to the waste concrete block strength, durability and colour uniformity.

This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



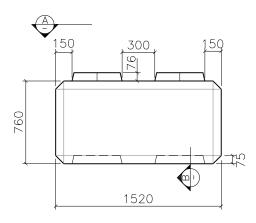
Product No.

9012

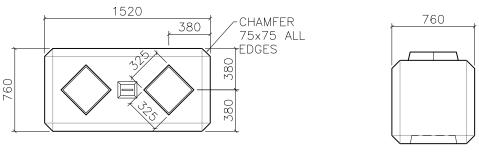
LAFARGE BLOCK



- NO AIR RANGE
- NO 28 DAY STRENGTH
- CONCRETE MAY BE 2 OR MORE POURS AND HAVE COLD JOINTS
- MASS- 1860 KG (4100 LBS)
- LAFARGE NOT RESPONSIBLE FOR END USE
- MESH REINFORCING OR REBAR EQUIVALENT ADDED TO BLOCKS HAVING MULTIPLE POURS







PLAN VIEW

SECTION A

Product No.

9013

Lafarge informs its customers of potential limitations using blocks manufactured from waste concrete. Limitations include product delaminating, lift hook pull out and low concrete strength. As such, wasted concrete blocks may not be suitable for certain tasks or projects.

Determination of the suitability of blocks made from waste concrete for the Purchaser's end use rests solely with the Purchaser. Procedures for safe handling during transportation and installation rests solely with the Purchaser.

Lafarge makes no representations, warranties or guarantees as to the waste concrete block strength, durability and colour uniformity.

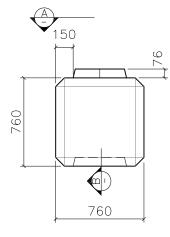
This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



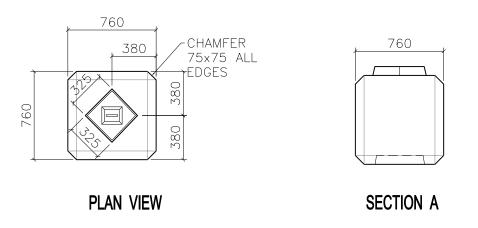
1/2 LAFARGE BLOCK

NOTES: - CONCRETE MEETS NO SPECIFICATIONS

- NO AIR RANGE
 - NO 28 DAY STRENGTH
 - CONCRETE MAY BE 2 OR MORE POURS AND HAVE COLD JOINTS
 - MASS- 930 KG (2050 LBS)
 - LAFARGE NOT RESPONSIBLE FOR END USE
 - MESH REINFORCING OR REBAR EQUIVALENT ADDED TO BLOCKS HAVING MULTIPLE POURS







Lafarge informs its customers of potential limitations using blocks manufactured from waste concrete. Limitations include product delaminating, lift hook pull out and low concrete strength. As such, wasted concrete blocks may not be suitable for certain tasks or projects.

Determination of the suitability of blocks made from waste concrete for the Purchaser's end use rests solely with the Purchaser. Procedures for safe handling during transportation and installation rests solely with the Purchaser.

Lafarge makes no representations, warranties or guarantees as to the waste concrete block strength, durability and colour uniformity.

This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



Product No.

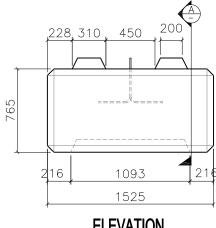
9014

LAFARGE BLOCK

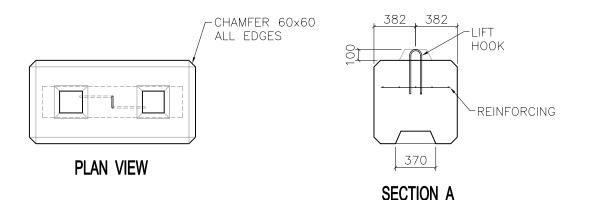
NOTES: – CONCRETE- 35MPA, 4-7% AIR, SINGLE POUR – MASS- 1860 KG (4100LBS)

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Product No.
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9011-S





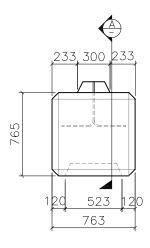




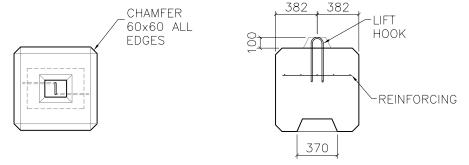
1/2 LAFARGE BLOCK

NOTES: – CONCRETE- 35MPA, 4-7% AIR, SINGLE POUR – MASS 930 KG (2050LBS) **Product No.**

9012-S



ELEVATION



PLAN VIEW

SECTION A



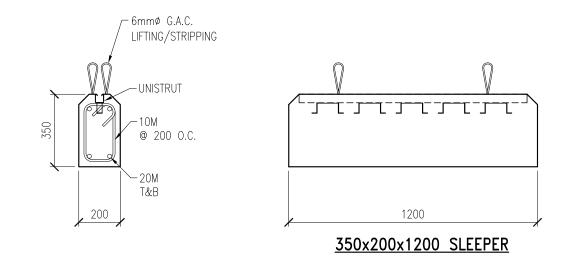
CABLE TRAY SLEEPER

NOTES: – UNISTRUT, GALVANIZED – CONCRETE- TYPE HSB CEMENT

- 35MPA (28 DAY) - 15MPA (RELEASE)
- MASS- 195 KG (430 LBS)

Product No.

9320

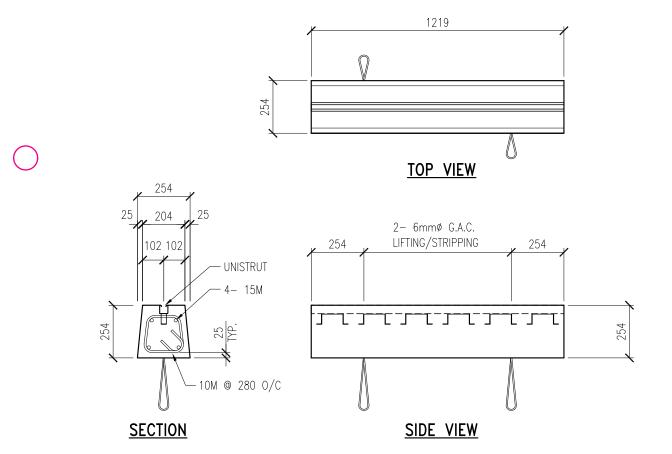




PRECAST SLEEPER

NOTES: - UNISTRUT, GALVANIZED

- CONCRETE- TYPE HSB CEMENT
 - 35MPA (28 DAY)
 - 15MPA (RELEASE)
 - MAGNESIUM FLOAT BOTTOM SURFACE ONLY, THE REST IS STANDARD FORM FINISH
 - LIFTING LOOPS TO BE CUT ON SITE BY OTHERS
 - MASS- 170 KG (375 LBS)





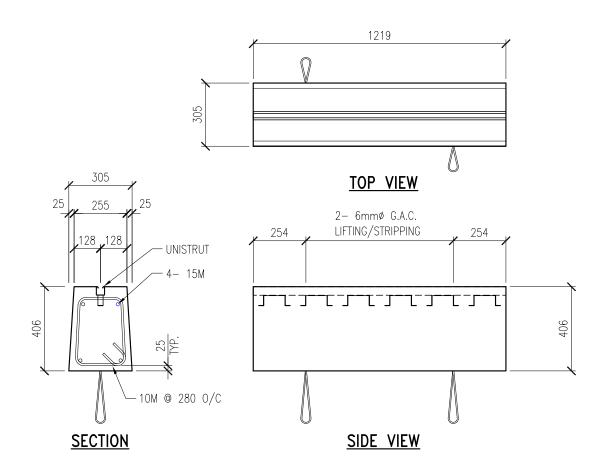
Product No.

9321

PRECAST SLEEPER

NOTES: - UNISTRUT, GALVANIZED CONCRETE- TYPE HSB CEMENT

- 35MPA (28 DAY)
- 15MPA (RELEASE)
- MAGNESIUM FLOAT BOTTOM SURFACE ONLY, THE REST IS STANDARD FORM FINISH
- LIFTING LOOPS TO BE CUT ON SITE BY OTHERS
- MASS- 333 KG (735 LBS)





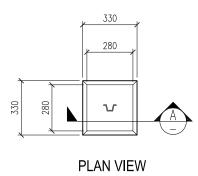
Product No.

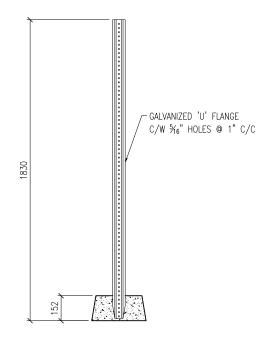
9322

SIGN POST

NOTES: - CONCRETE- 35MPA - MASS- 35 KG (75 LBS) Product No.

9327





SECTION A

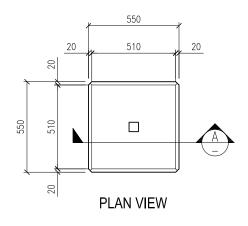


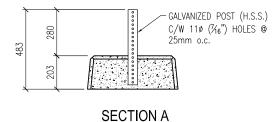
SIGN BASE

NOTES: - CONCRETE- 35MPA - MASS- 143 KG (315 LBS)

Product No.

9328



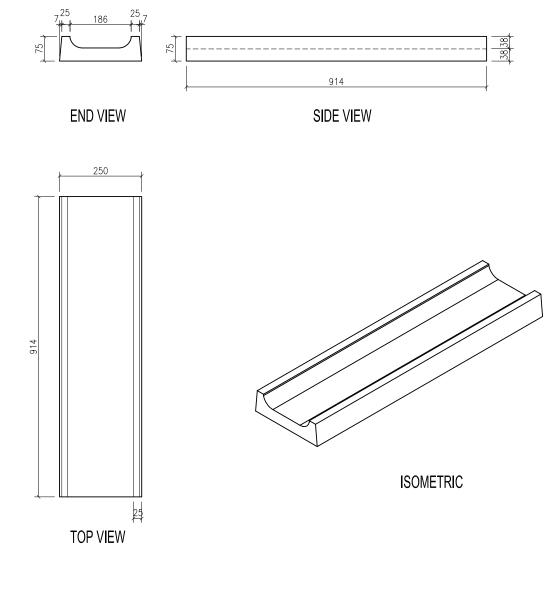




SPLASH PAD

NOTES: - CONCRETE- 35MPA - MASS- 16 KG (36 LBS) Product No.

9335



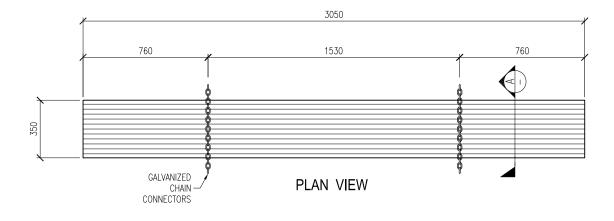


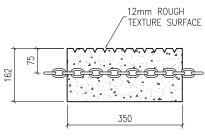
BOAT RAMP

NOTES: - CONCRETE- 35MPA, TYPE HSB
 MASS- 410 KG (905 LBS)
 UNITS SUPPLIED WITH 2-13MMO BOLTS X 50MM LONG 2 HEX NUTS, AND 2 WASHERS (ZINC PLATED)

Product No.

9337





SECTION A

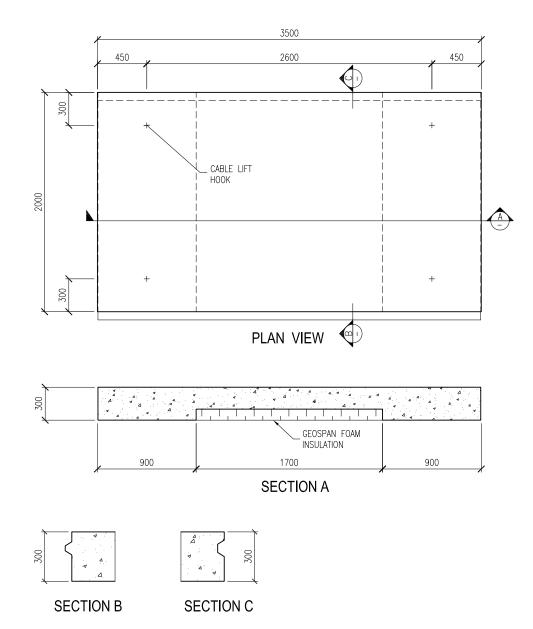


CROSSING SLAB

NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 4225 KG (9295 LBS)

 ADEQUACY, INCLUDING STRUCTURAL INTEGRITY, FOR EACH APPLICATION OF CROSSING SLABS IS TO BE DETERMINED BY THE PURCHASER **Product No.**

9338





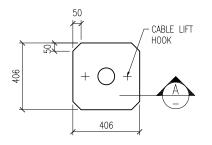
BOLLARD

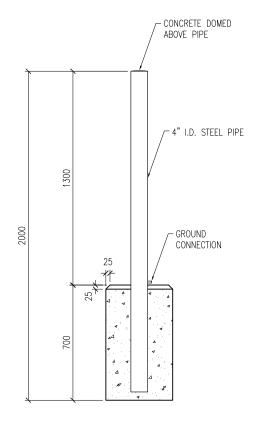
NOTES: – CONCRETE- 35MPA, TYPE HSB – MASS- 305 KG (675 LBS)

- YELLOW PLASTIC POST GUSRD AVAILABLE AT EXTRA CHARGE

Product No.

9339





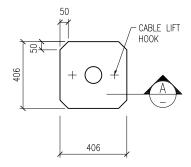
SECTION A

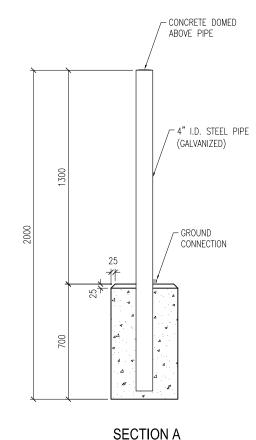


BOLLARD

NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 305 KG (675 LBS) - YELLOW PLASTIC POST GUSRD AVAILABLE AT EXTRA CHARGE Product No.

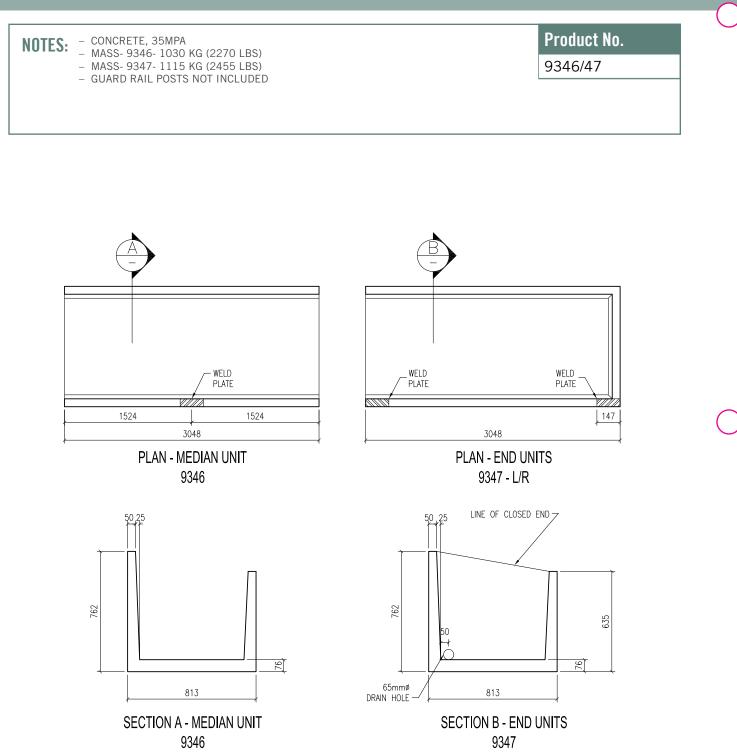
9340



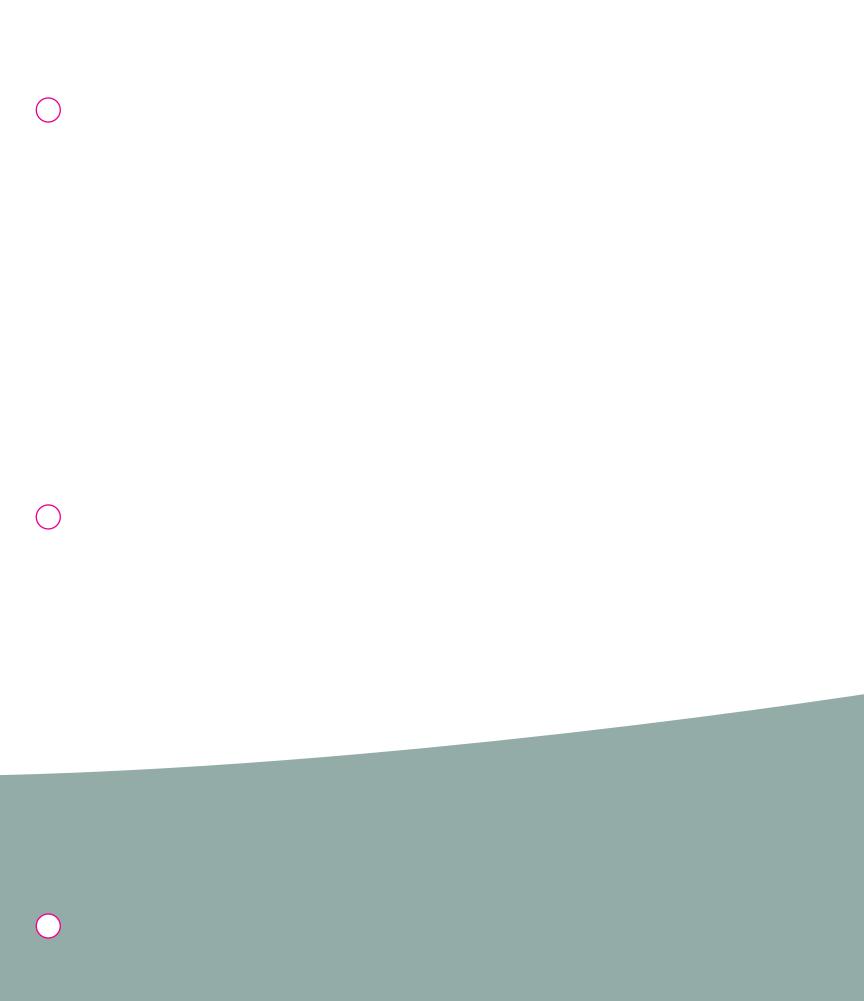


LAFARGE

FEED BUNKS/TROUGHS



LAFARGE





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