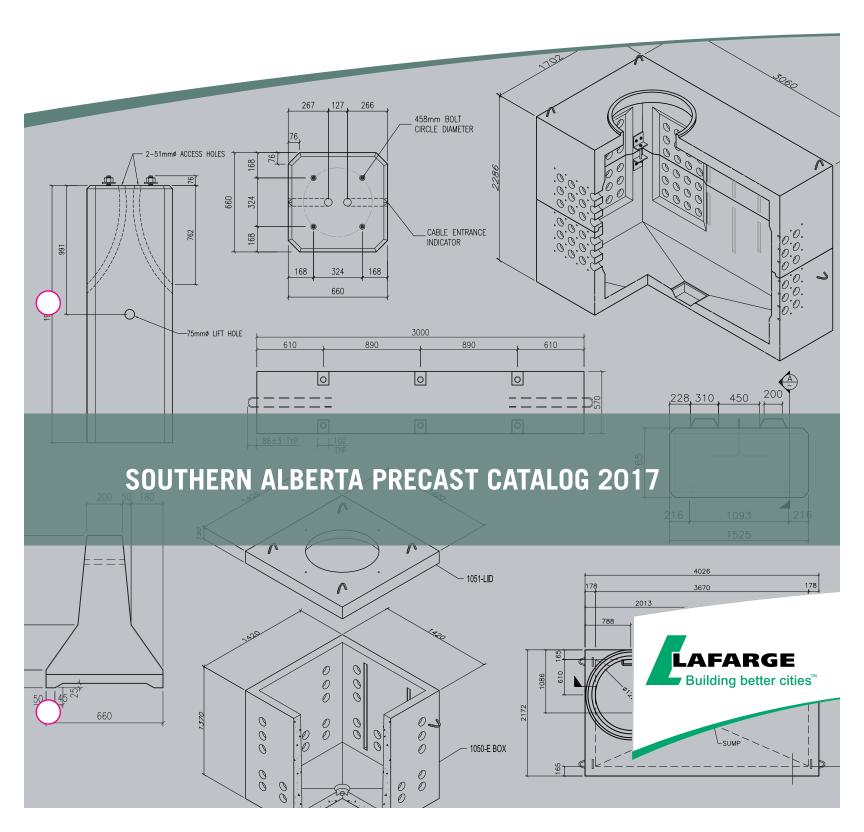
WESTERN CANADA

• **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

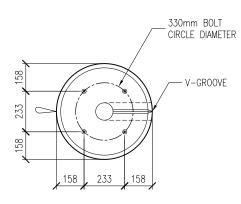
| Product No. | Description | Ref # | Page |
|-------------|--|----------|------|
| 9216 | Meter Pad – 600 x 1000 x 1000 mm high | 755 0520 | 24 |
| 9217 | Secondary Connection Box – 457 x 715 x 508 mm high | 755 0500 | 25 |
| 9221 | Power Base – 381 x 686 x 230 mm high | | 26 |
| 9222 | Cabinet Base – 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 |

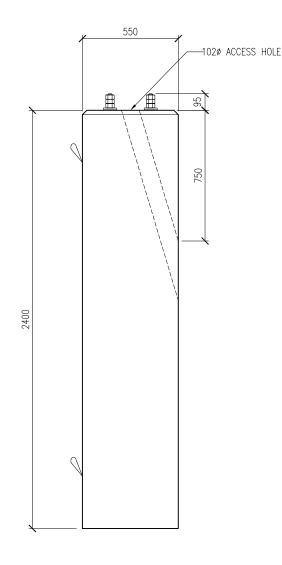
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED – C/W 3 – GALVANIZED NUT AND FLAT WASHER

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

Product No.

9200





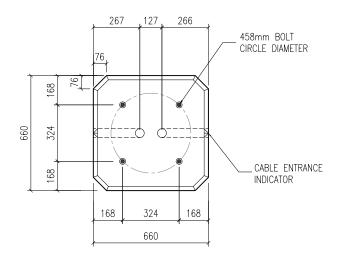


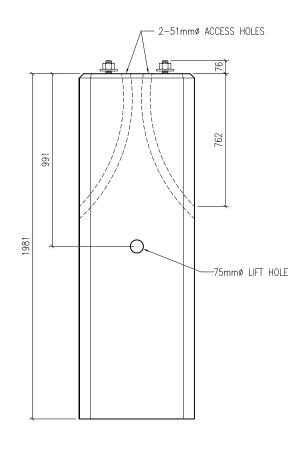
UTILITY PRODUCTS

- 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.





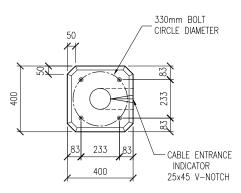


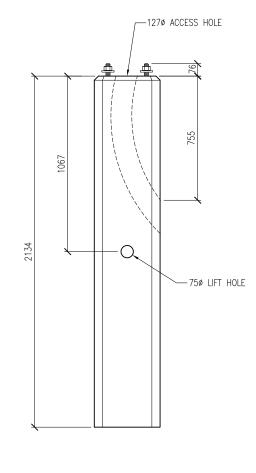
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

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

Product No.

9203







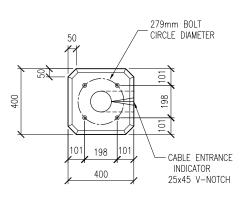
UTILITY PRODUCTS

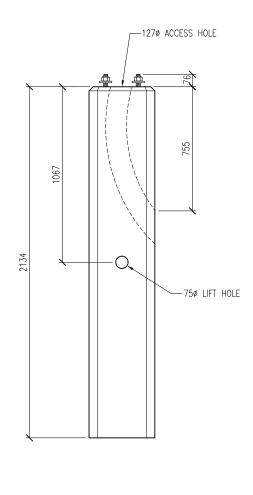
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER - CONCRETE- 35MPA, TYPE HSB

- MASS- 770KG (1690 LBS)

Product No.

9203M-11





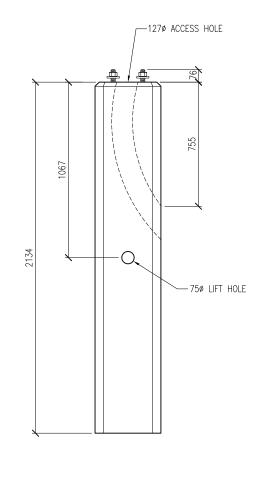


NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END, – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

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

Product No. 9203M-10

254mm BOLT CIRCLE DIAMETER



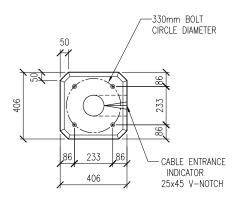


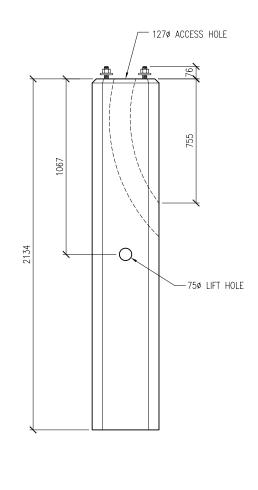
UTILITY PRODUCTS

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)





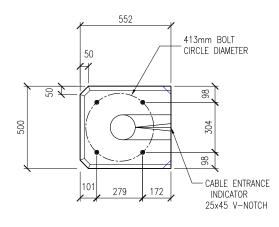


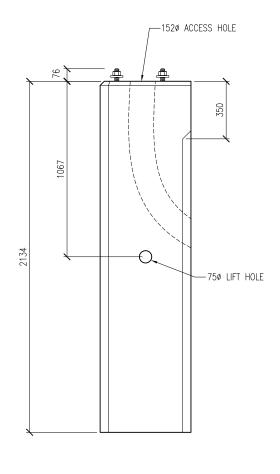
NOTES: – ANCHOR BOLTS, 25MM O (1"), GALVANIZED 305MM ON THREADED END – C/W GALVANIZED NUT, SPRING LOCK WASHER AND FLAT WASHER

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

Product No.

9205





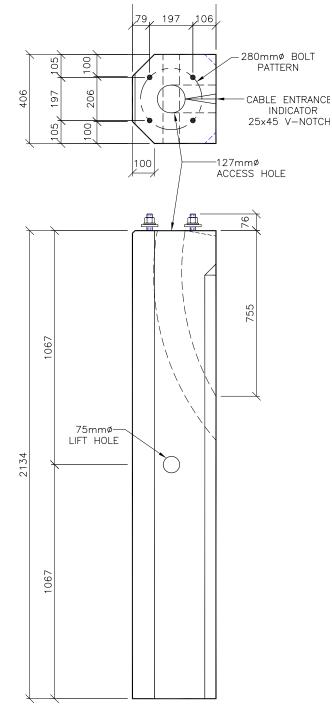


UTILITY PRODUCTS

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.

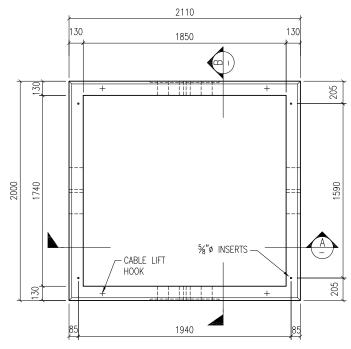




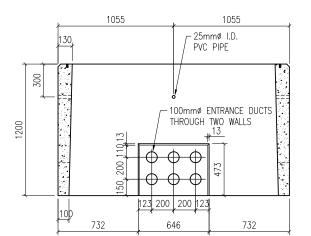
SWITCHING CUBICLE BASE

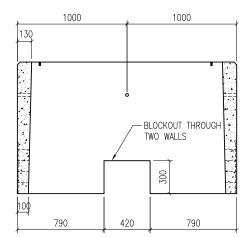
NOTES: - MASS- 2665KG (5875 LBS) - CONCRETE- 35MPA, TYPE HSB

Product No.













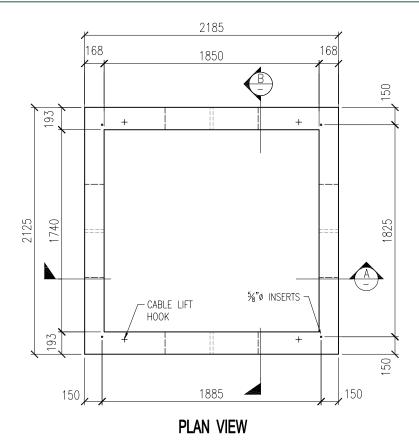
SWITCHING CUBICLE BASE

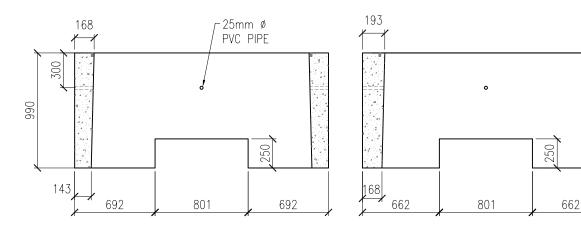
NOTES: – MASS- 3120KG (6864 LBS) – CONCRETE- 35MPA, TYPE HSB

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

Product No.

9208-A1



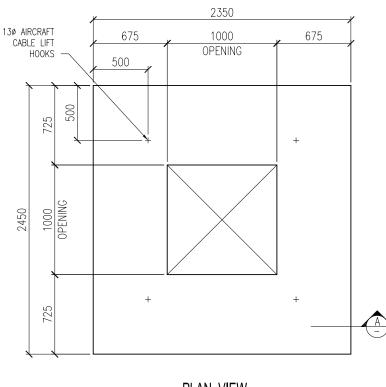




FOOTING FOR SWITCHING CUBICLE BASE

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

9208-A2



PLAN VIEW



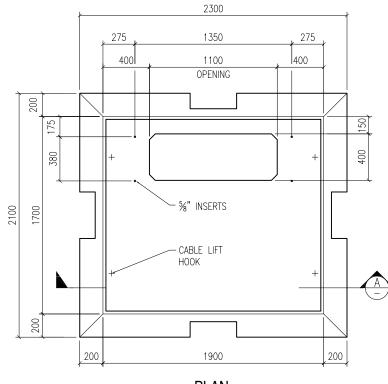
SECTION A



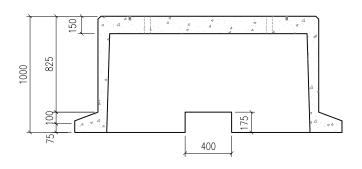
- **NOTES:** 750-3000KVA MASS- 2400 KG (5280 LBS.) - CONCRETE- 35MPA, TYPE HSB - MIN. ALLOWABLE SOIL BEARING
 - CAPACITY 150KPA
- MAX. SUPERIMPOSED LOAD 7000KG - BLOCK OUTS ALL FOUR SIDES

Product No.

9214





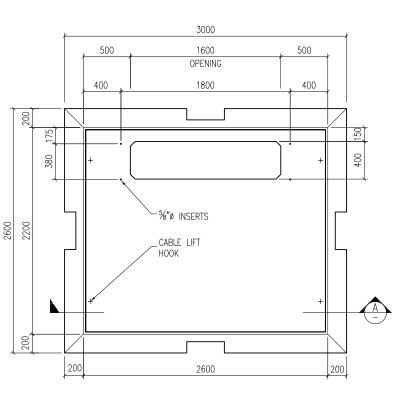


SECTION A

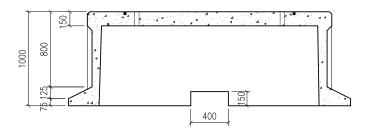


NOTES: – 1000-10000KVA – CONCRETE- 35MPA, TYPE HSB

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



PLAN



SECTION A



Product No.

9215

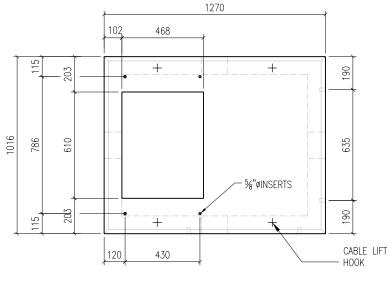
UTILITY PRODUCTS

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

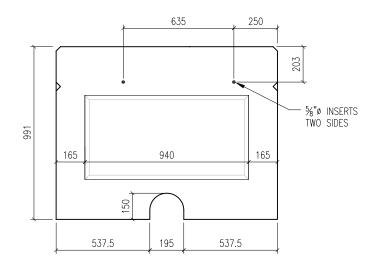
- MIN. ALLOWABLE SOIL BEARING CAPACITY 75KPA
- MAX. SUPERIMPOSED LOAD 1000KG - BLOCK OUTS ALL FOUR SIDES

Product No.

9218



PLAN VIEW





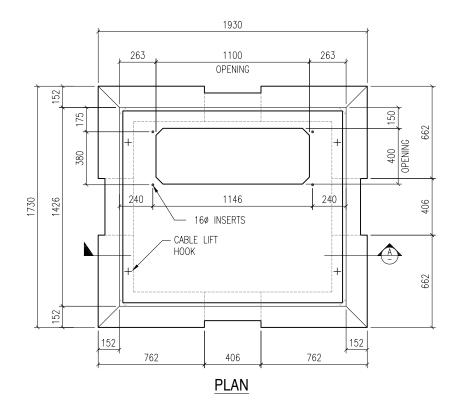
ELEVATION

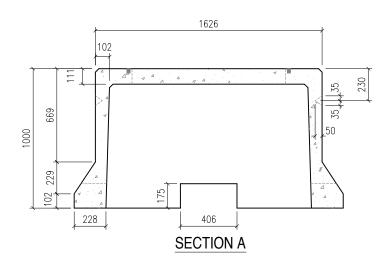
- **NOTES:** 75-500KVA MASS- 1925 KG (4250 LBS.)
 - CONCRETE- 35MPA, TYPE HSB - MIN. ALLOWABLE SOIL BEARING
 - CAPACITY 75KPA

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

Product No.

9219





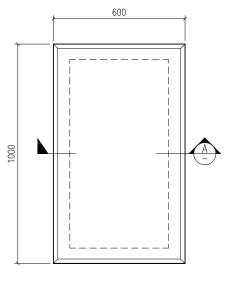


UTILITY PRODUCTS

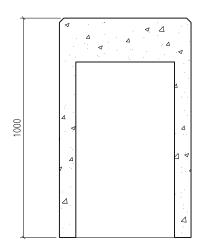
METERING PAD

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

9216



PLAN

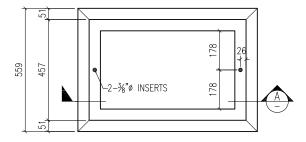


SECTION A

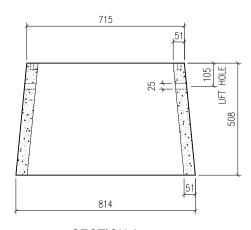


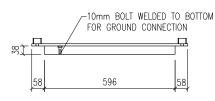
SECONDARY CONNECTION VAULT

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

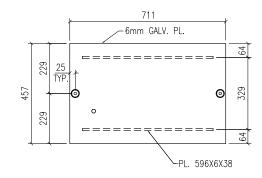










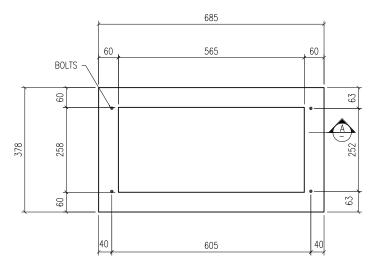




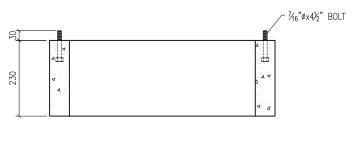
POWER SUPPLY BASE

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

9221



PLAN



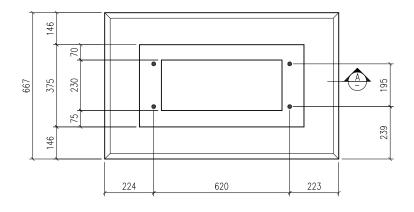
SECTION A



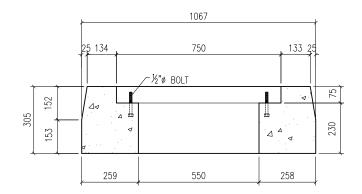
CABINET BASE

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

9222



PLAN

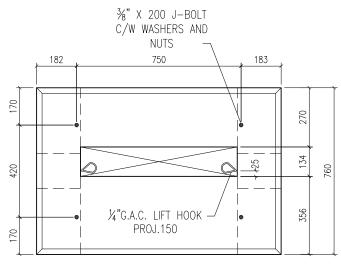


SECTION A

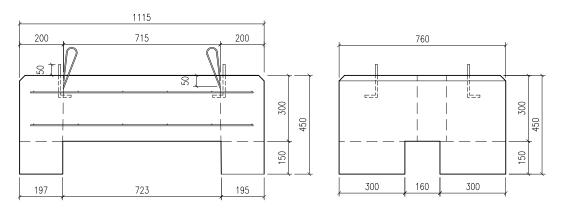


STREETLIGHT SERVICE CABINET

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







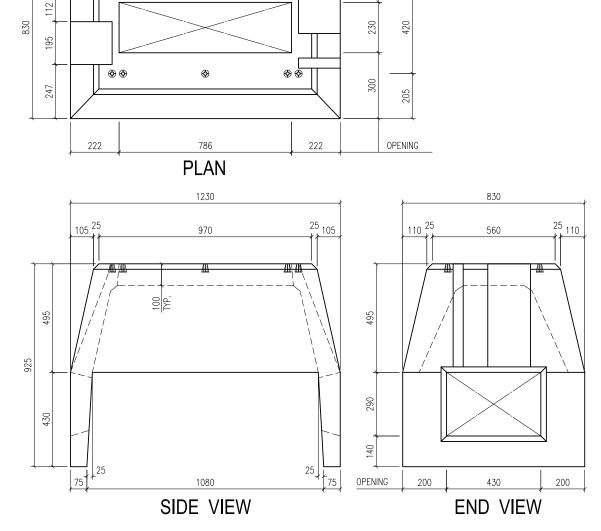






UTILITY PRODUCTS





CABINET BASE

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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.

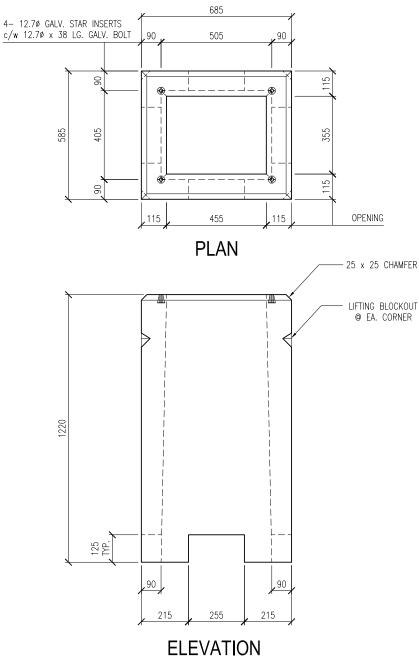
9224

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

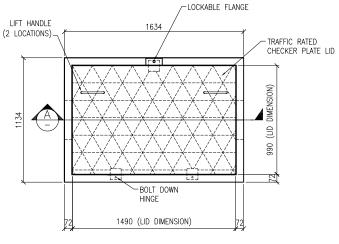
| Product No. | Description | Ref # | Page |
|-------------|----------------------------|-------|------|
| 3606/42 | 914MM Diameter Risers | | 65 |
| 1300 | 914mm X 150MM High Adapter | | 66 |

NOTES: - CONCRETE- 35MPA, TYPE HSB

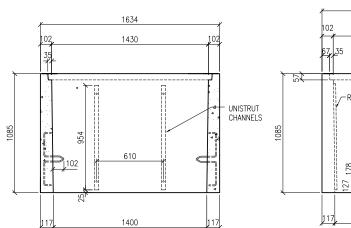
- LED ASSEMBLY GALVANIZED
- BOX MASS- 1,500 KG (3,310 LBS)
- LID MASS- 120 KG (265 LBS)
- TOTAL MASS- 1,620 KG (3575 LBS)
- LID TRAFFIC RATED TO 20,000 LBS FOR STRENGTH ONLY. NOT SUITABLE FOR ROADWAY TRAFFIC.

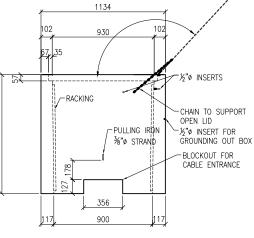
Product No.

1031









SECTION A

END VIEW

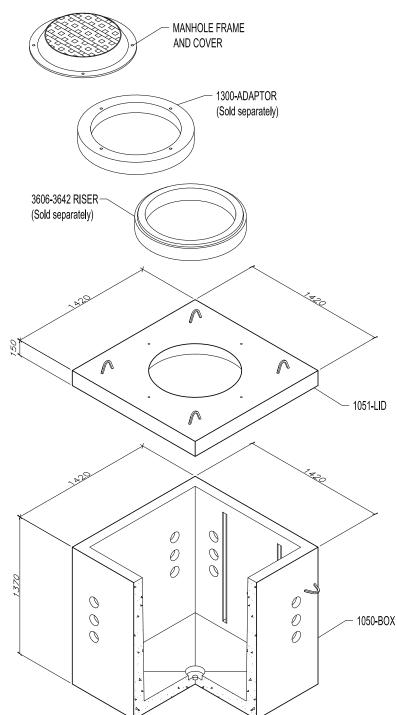


- **NOTES:** CONCRETE- 35MPA, TYPE HSB – BOX MASS- 2486 KG (5470 LBS)
 - LID MASS- 750 KG (1650 LBS)
 - TOTAL MASS- 3236 KG (7120LBS)
 PULL BOX COMES COMPLETE WITH
 - MANHOLE FRAME AND COVER, RAM-NEK AND 4 UNISTRUT CHANNELS
- ADAPTOR RING AND RISERS AVAILABLE AT EXTRA CHARGE BASED ON CONTRACTOR'S NEEDS

Product No.

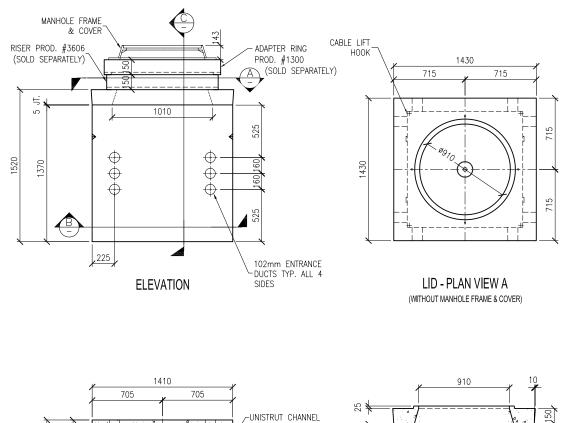
1050/51

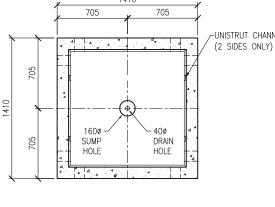
 ADEQUACY OF STRUCTURAL INTEGRITY FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR





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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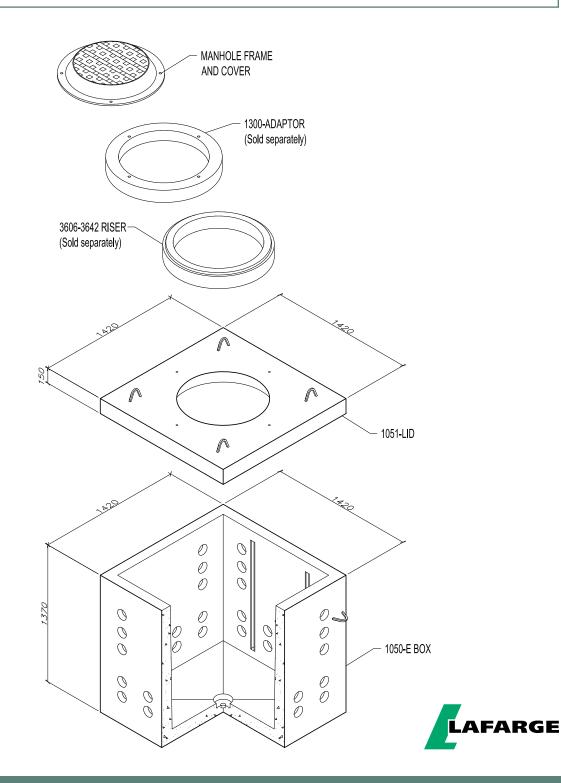
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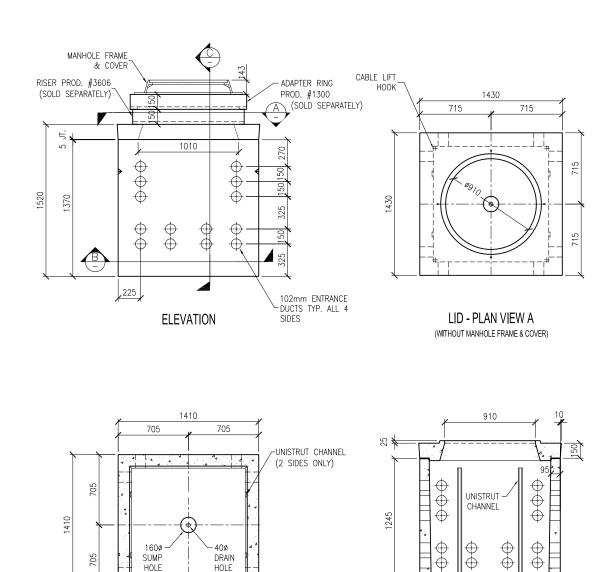
- NOTES: CONCRETE- 35MPA, TYPE HSB - BOX MASS- 2486 KG (5470 LBS)
 - BOX MASS- 2486 KG (5470 LBS) // - LID MASS- 750 KG (1650 LBS) (
 - TOTAL MASS- 3236 KG (7120LBS)
 - PULL BOX COMES COMPLETE WITH MAN HOLE FRAME AND COVER, RAM-NEK AND 4 UNISTRUT CHANNELS
- ADAPTOR RING AND RISERS AVAILABLE AT EXTRA 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





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,225

1410



285

115

PULL BOX & VAULT PRODUCTS

à

PULL BOX

Product No.

1060/61

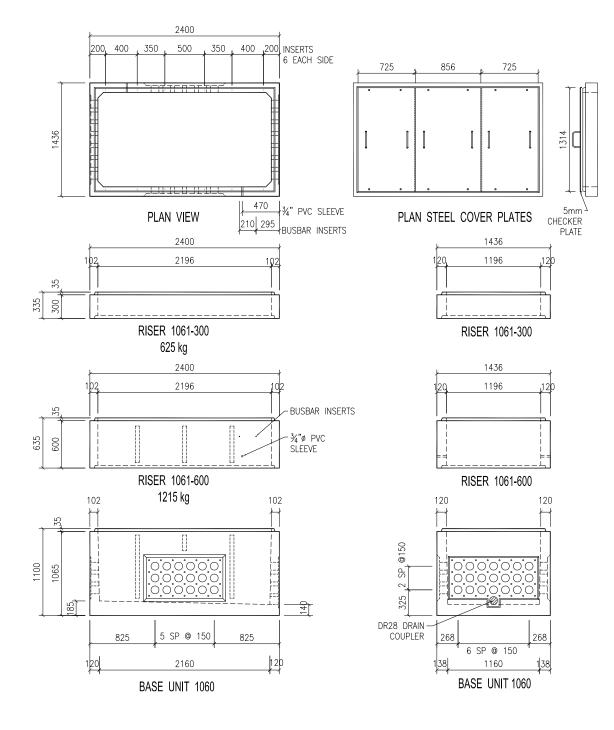
- **NOTES:** CONCRETE- 35MPA, TYPE HSB MASS- 1060/61-600 4420KG (9725LBS)
 - ALL METALLIC INSERTS, REINFORCEMENT & UNISTRUTS ARE INTERNALLY BONDED
 - BELL ENDS TO ACCEPT 4" DB-2 CONDUIT
 INDIVIDUAL LID MASS 21KG (46 LBS)

VARIES N 00000



PULL BOX





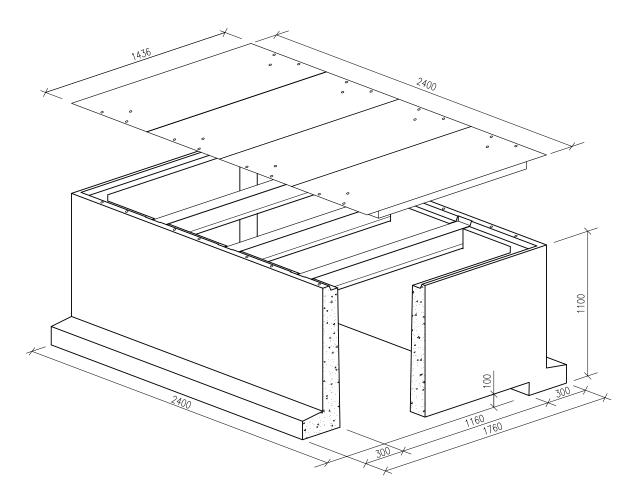


ATCO PULL BOX

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

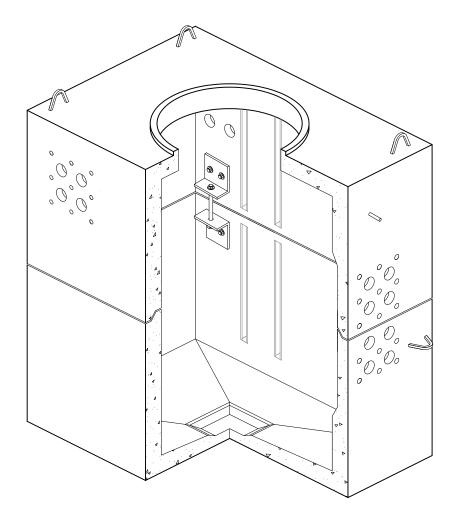
Product No.

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

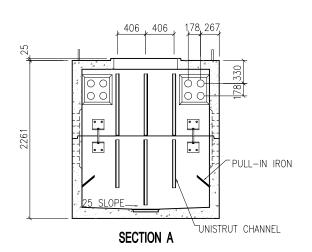
- ADEQUACY OF STRUCTURAL INTEGRITY
 FOR EACH INDIVIDUAL APPLICATION OF PRODUCT IS TO BE DETERMINED BY THE CONTRACTOR
- ENTRANCE DUCTS TO ACCEPT 4" O DBII CONDUIT

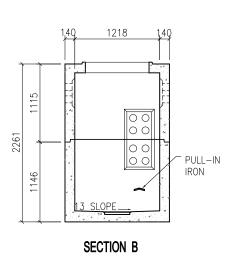
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PULL BOX & VAULT PRODUCTS

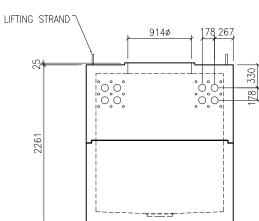




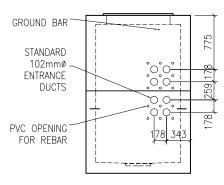


END VIEW

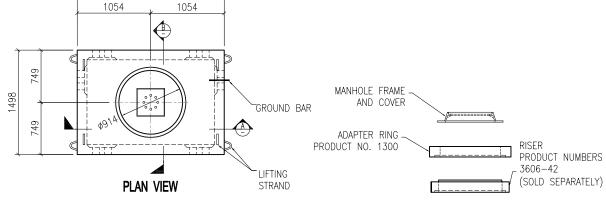




2108







"A" TYPE VAULT

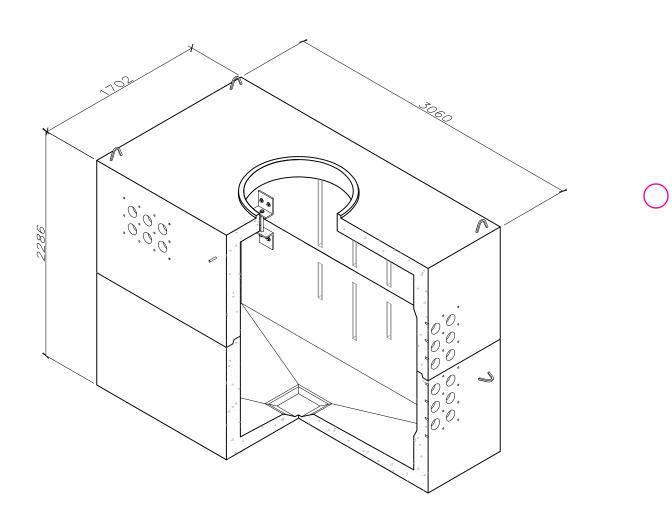


- NOTES: CONCRETE- 35MPA, TYPE HSB - MASS- 10,120 KG (22,264 LBS)
 - MASS- 10,120 KG (22,264 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT 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

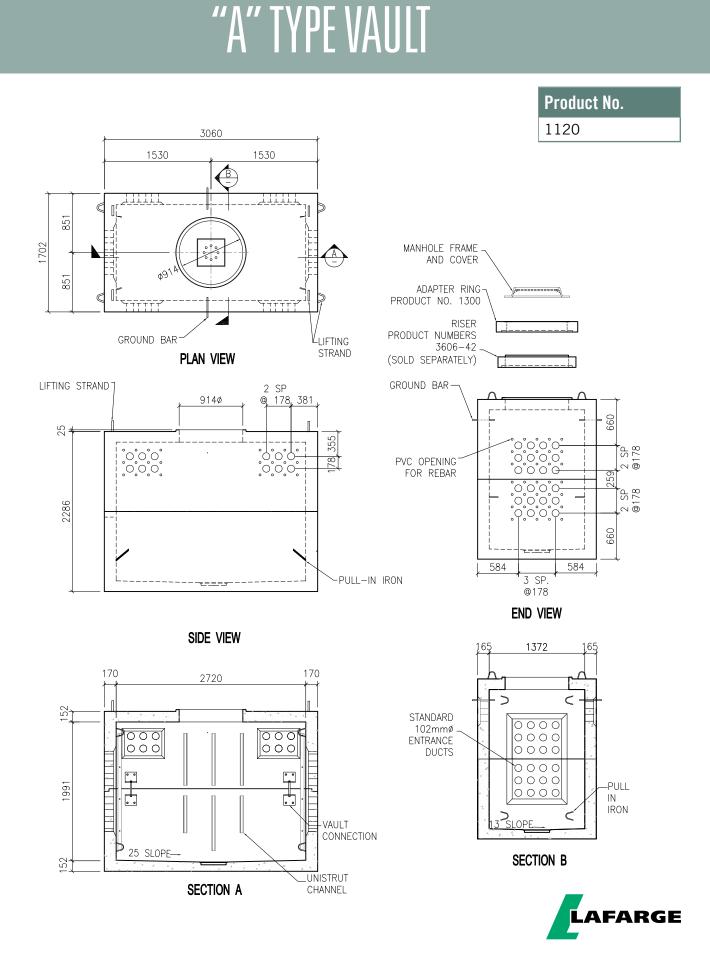
Product No.

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





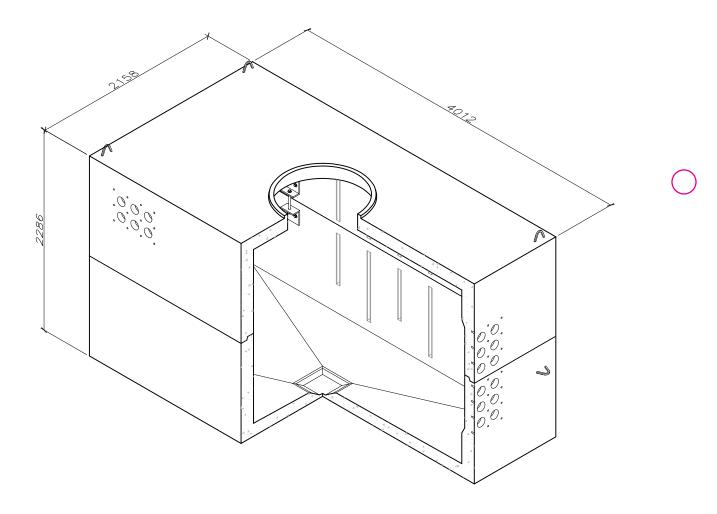


- **NOTES:** CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)
 - MASS- 16,000 KG (35,200 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT 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

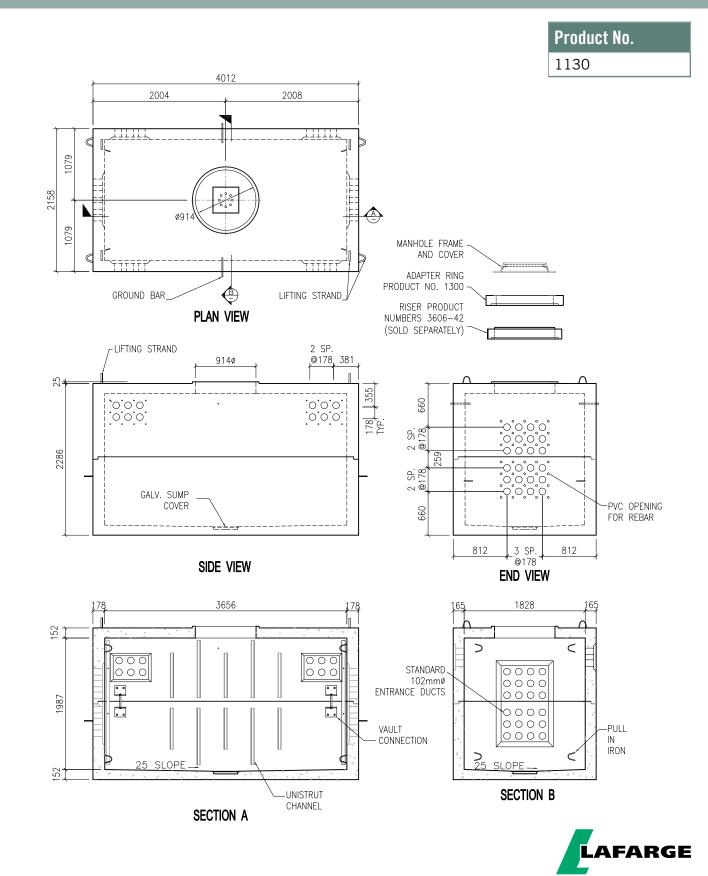
Product No.

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





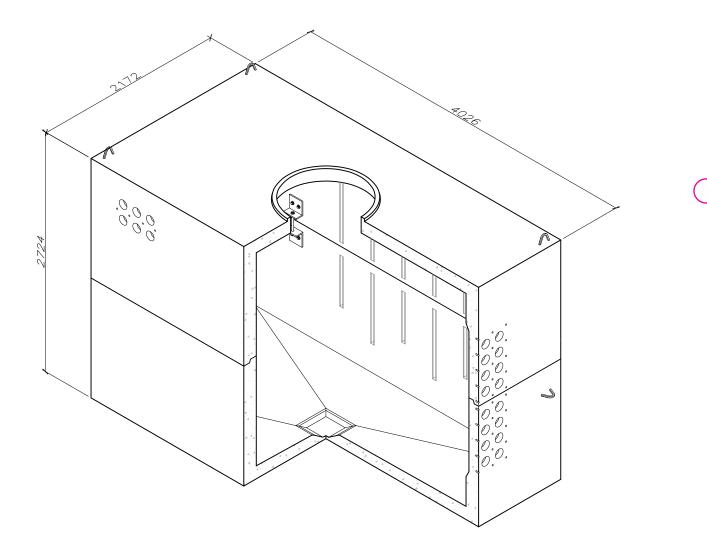


- **NOTES:** CONCRETE- 35MPA, TYPE HSB - MASS- 17,320 KG (38,200 LBS)
 - MASS- 17,320 KG (38,200 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 - VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT 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.

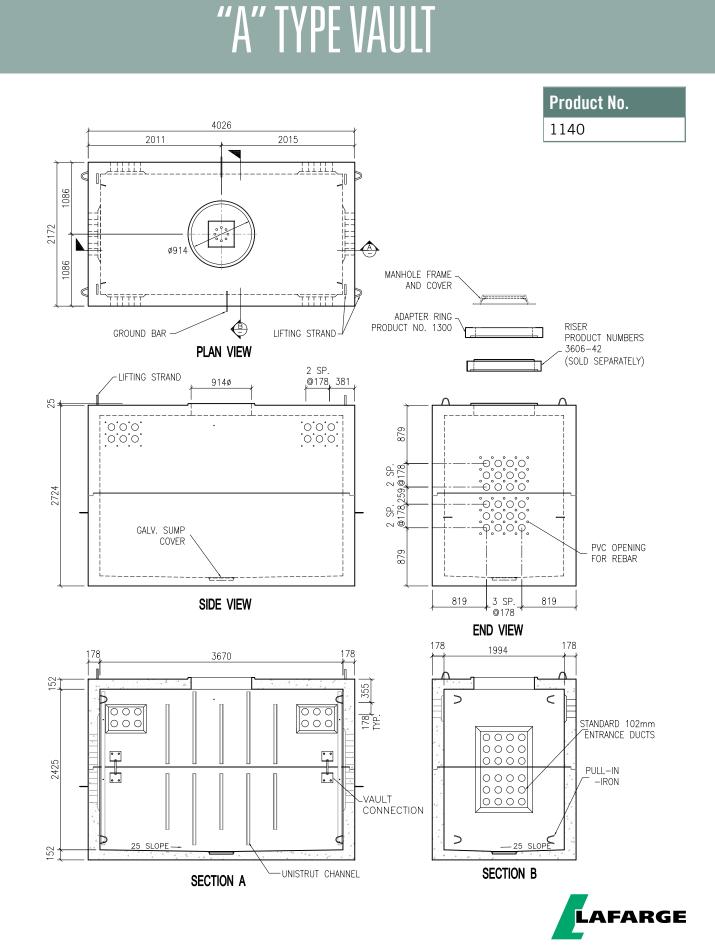
1140

- 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

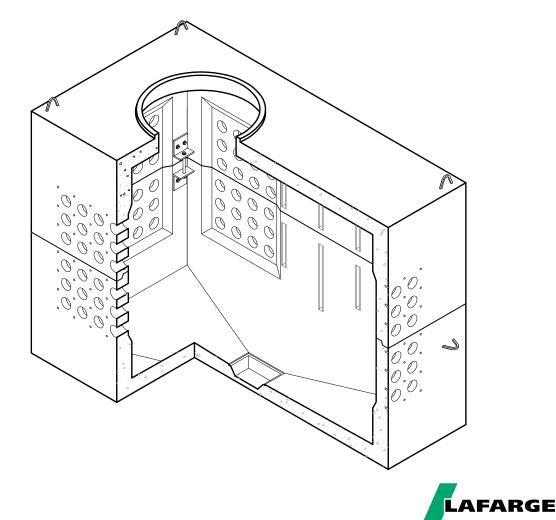


49

| 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

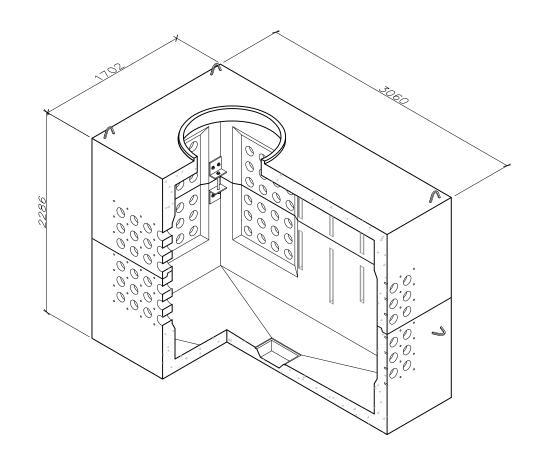


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 10,120 KG (22,264 LBS)

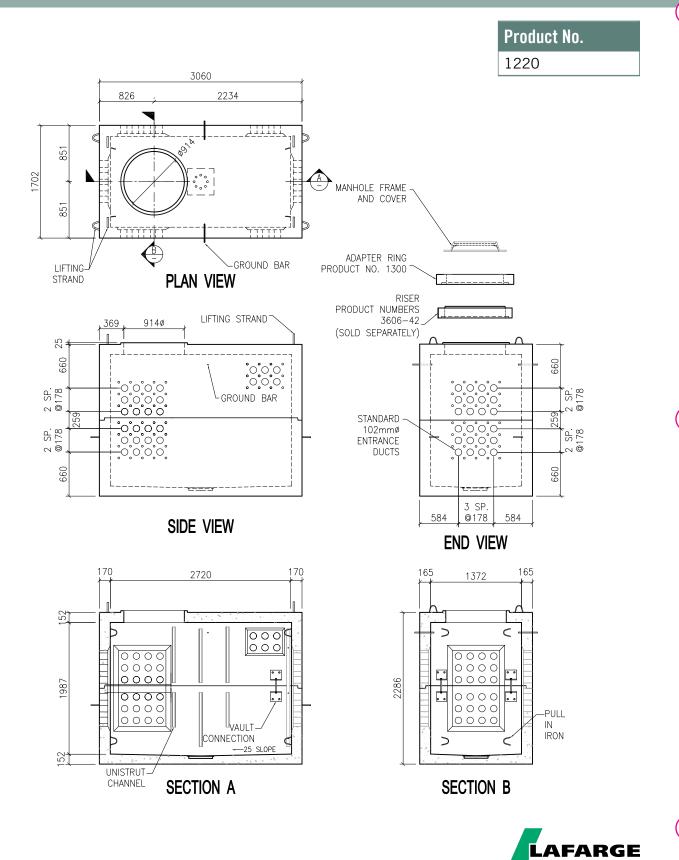
- WASS- 10,120 KG (22,264 LBS)
 VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED 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





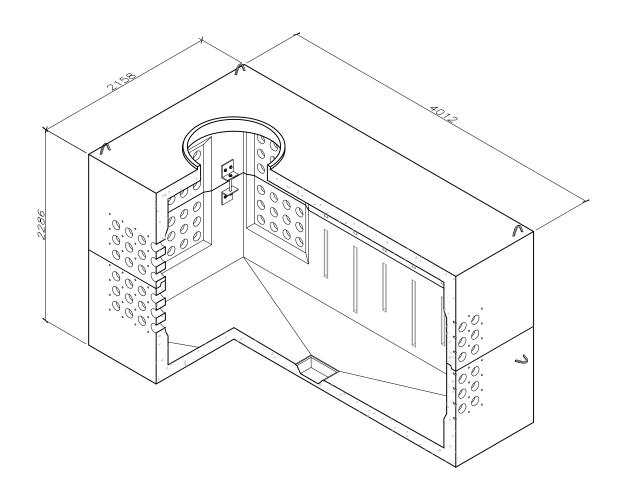


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)

- 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



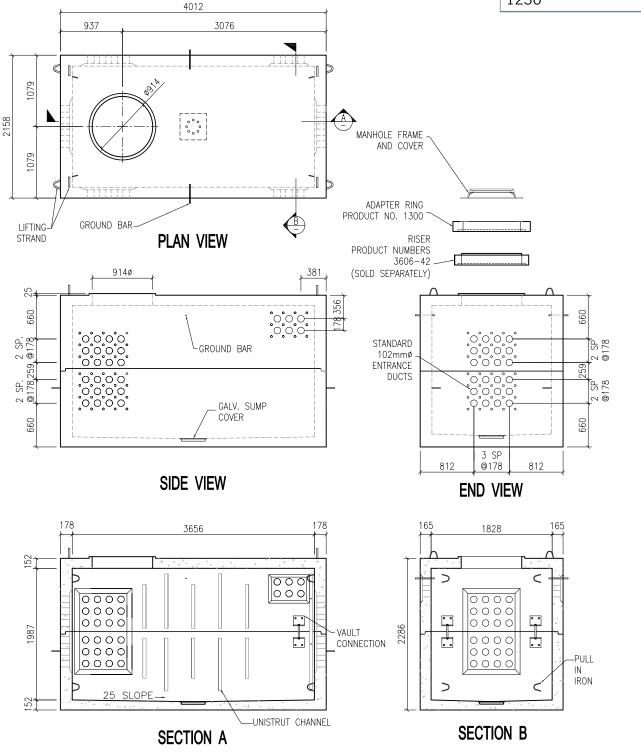


PULL BOX & VAULT PRODUCTS



Product No.

1230



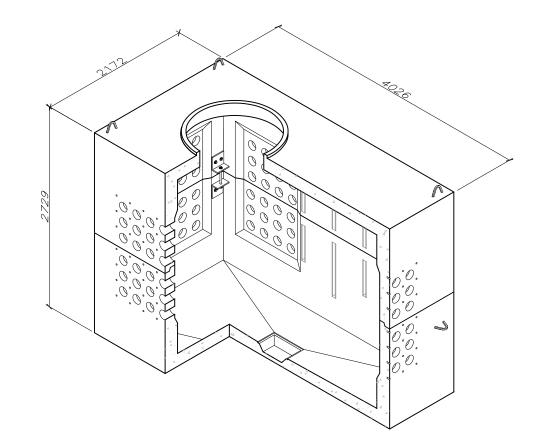
"T" TYPE VAULT

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

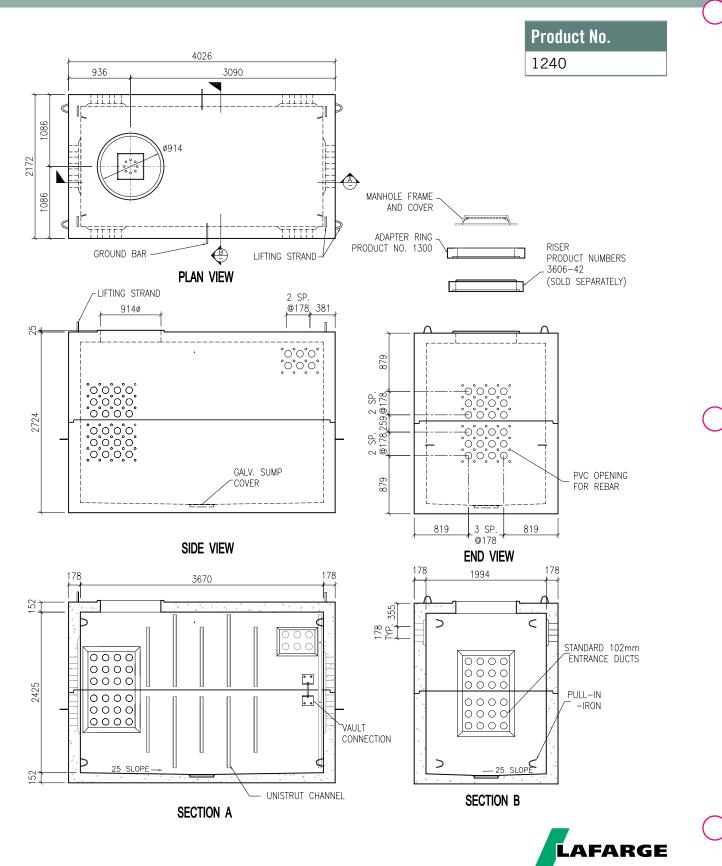
- VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
- VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 150MM HIGH ADAPTER RING, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
- RISER BARRELS AVAILABLE AT EXTRA CHARGE
- DESIGNED FOR MAXIMUM 1.5M COVER FROM 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



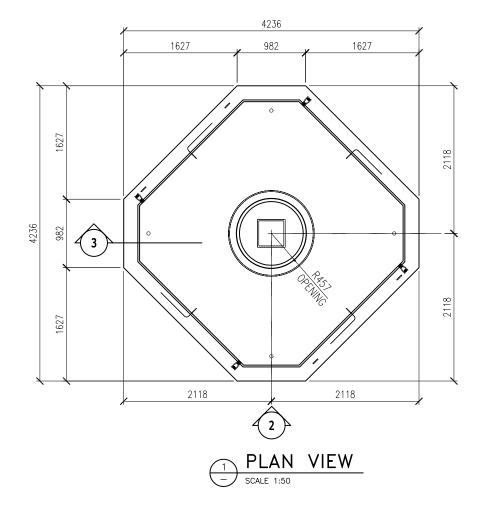




1400 VAULT

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

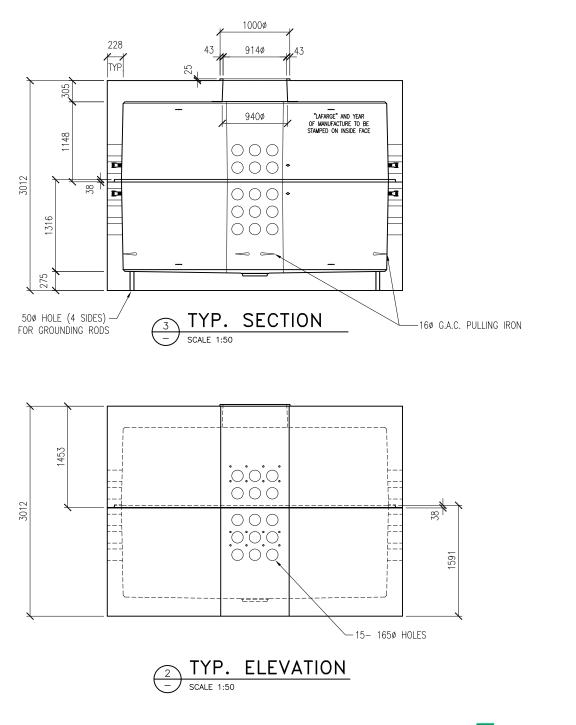
1400





1400 VAULT

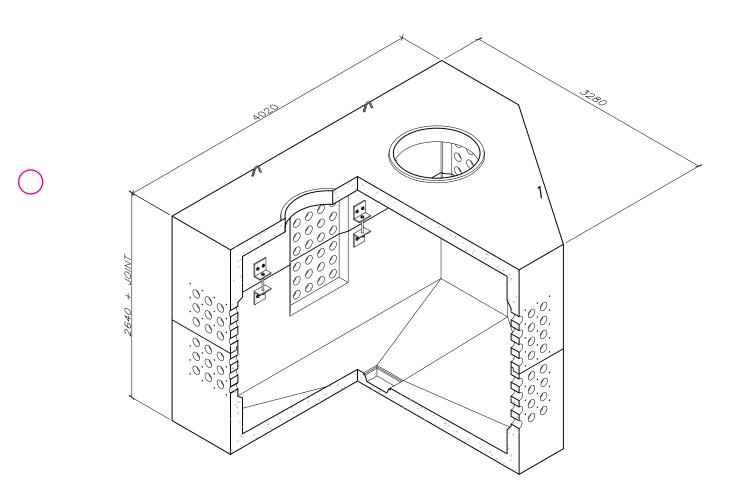
Product No. 1400



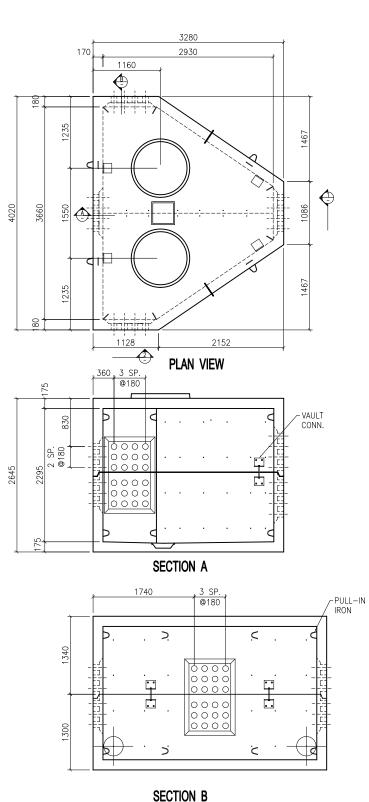


NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 17,621KG (38,766 LBS) - BELL END TO ACCEPT 4" DBII CONDUIT **Product No.**

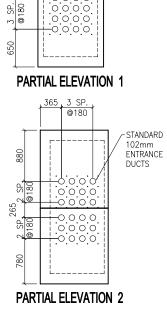
1500







Product No. 1500



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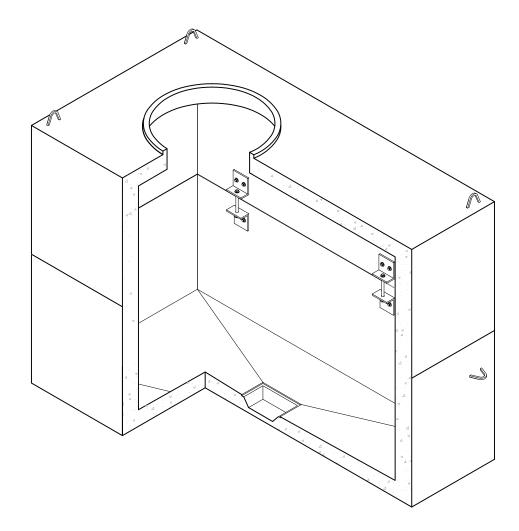
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VALVE CHAMBERS

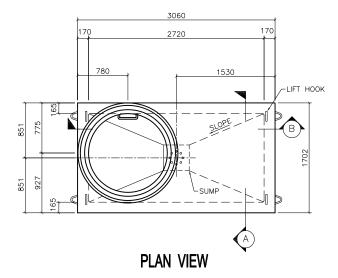
| Product Code | Nominal Inside Dimensions (Width x Length x Height) | Weight (kg) |
|--------------|---|-------------|
| 1520 | 1.4 x 2.7 x 2.0 | 10,120 |
| 1530 | 1.8 x 3.7 x 2.0 | 16,000 |
| 1540 | 1.8 x 3.7 x 2.0 | 17,320 |

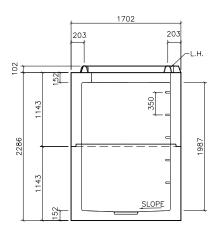




VALVE CHAMBER

- 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

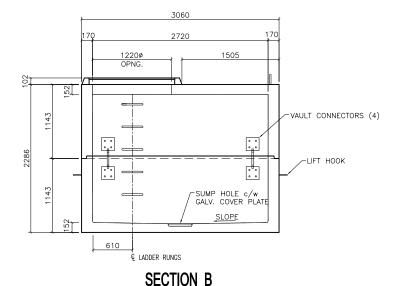




Product No.

1520







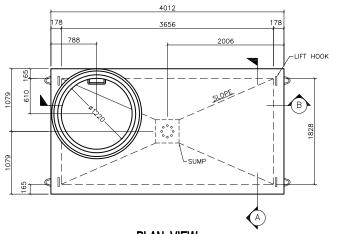
VALVE CHAMBER

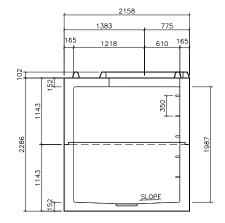
NOTES: - CONCRETE- 35MPA, TYPE HSB - MASS- 16,000 KG (35,200 LBS)

- 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.

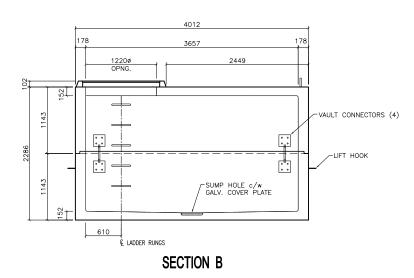
1530





PLAN VIEW







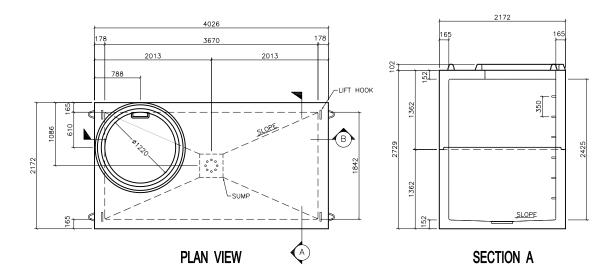
VALVE CHAMBER

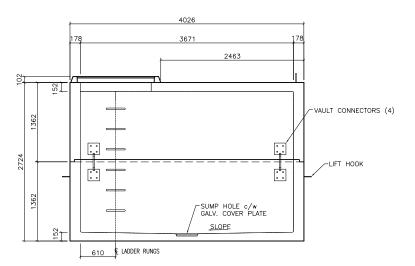
- NOTES: CONCRETE- 35MPA, TYPE HSB - MASS- 17,320 KG (38,200 LBS)
 - VAULT SUPPLIED IN TWO HALVES, ASSEMBLED ON SITE BY CONTRACTOR
 VAULT INCLUDES 9000 X 150 CAST IRON FRAME AND COVER, 200 HIGH SLAB TOP, 150 HIGH ADAPTOR, RAM-NEK GASKET, GALVANIZED STEEL SUMP COVER PLATE AND VAULT CONNECTION HARDWARE
 - 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







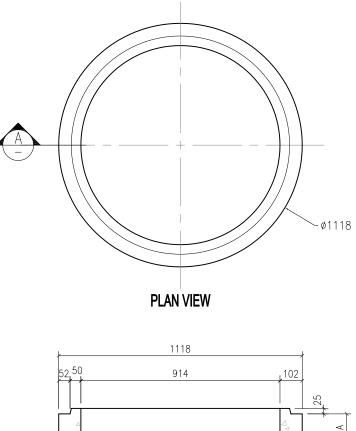
SECTION B

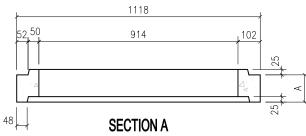
RISERS

NOTES: – CONCRETE- 35MPA, TYPE HSB

Product No.

3606-3642



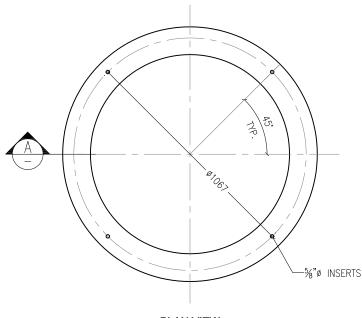




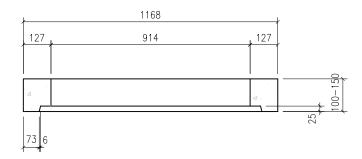
ADAPTER RING

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

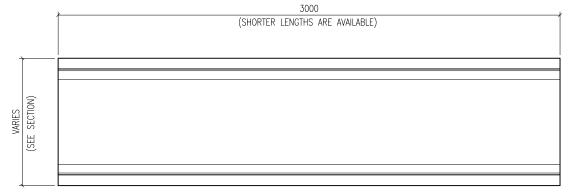
Product No.

9510, 9520, 9530

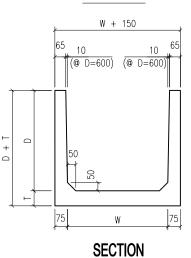
OPTIONS : - MITRED OR TEE ENDS - OPEN BOTTOM - EMBED PLATES - UNISTRUT CHANNEL

- 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]

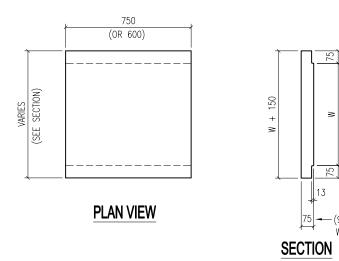


PRECAST TRENCH SYSTEMS

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.

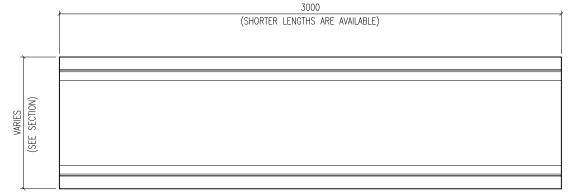
9540, 9550, 9560

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

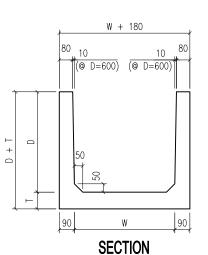
- UNISTRUT CHANNEL

- 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



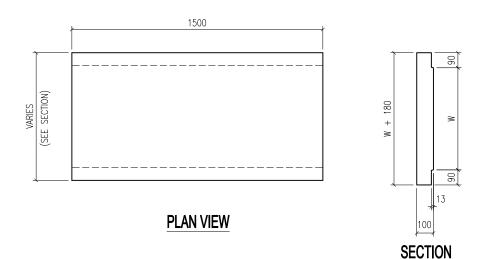
[W = TRENCH INSIDE WIDTH][D = TRENCH INSIDE DEPTH]



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

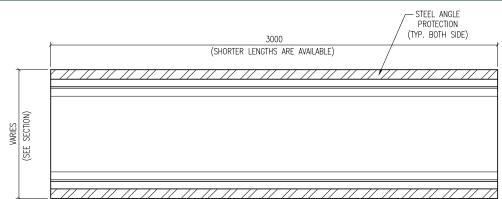
Product No.

9570, 9580, 9590

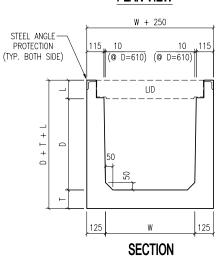
OPTIONS : - MITRED OR TEE ENDS - OPEN BOTTOM - EMBED PLATES - UNISTRUT CHANNEL

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

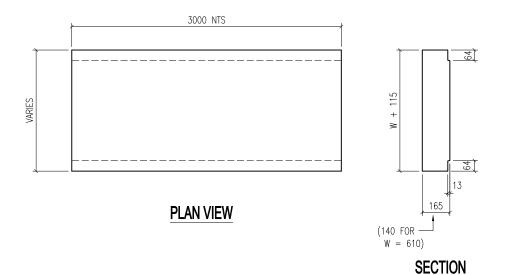




PRECAST TRENCH SYSTEMS

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 |

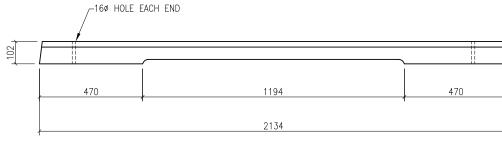
MISCELLANEOUS PRODUCTS

| 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 |

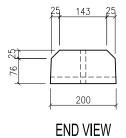
LOW PROFILE CURB

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

9301



SIDE VIEW

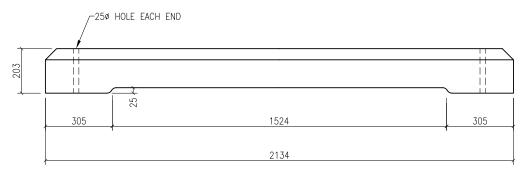




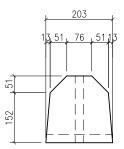
PARKING CURB

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

9303



SIDE VIEW



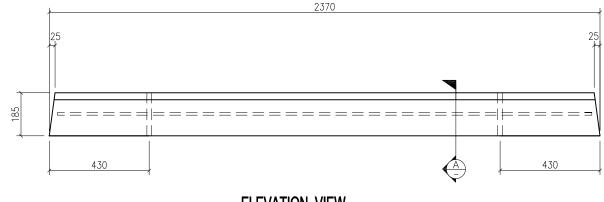
END VIEW



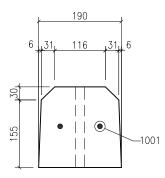
PARKING CURB

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

4010



ELEVATION VIEW



SECTION - A

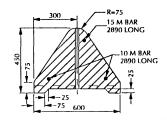


MINI BARRIER

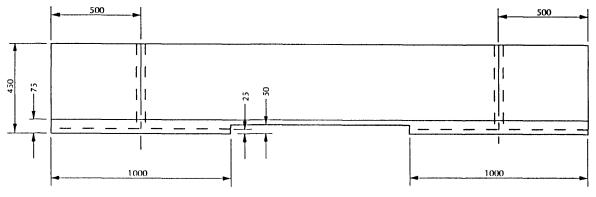
NOTES: – CONCRETE- 35MPA

Product No.

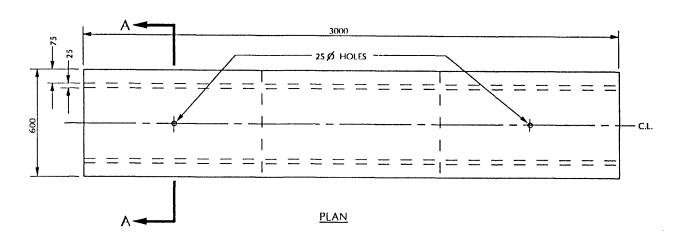
900**6**







ELEVATION



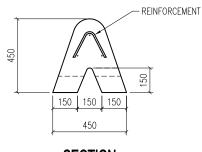


MINI BARRIER

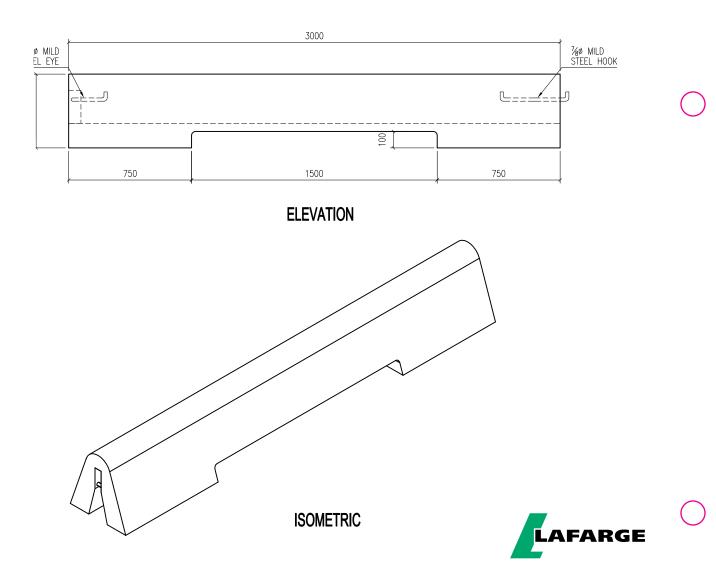
NOTES: - CONCRETE- 35MPA - MASS- 660 KG (1450 LBS)

Product No.

4020



SECTION

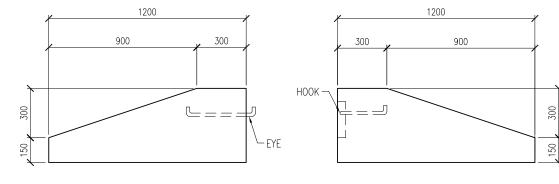


MINI BARRIER- TRANSITION END

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

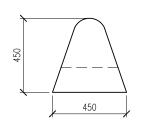
Product No.

4021

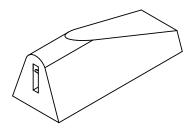


MALE END ELEVATION

FEMALE END ELEVATION



SECTION



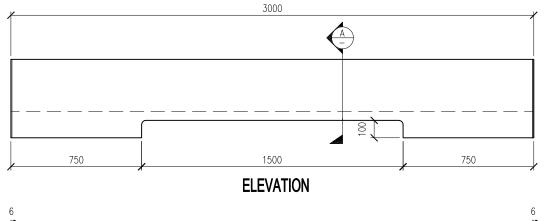
ISOMETRIC

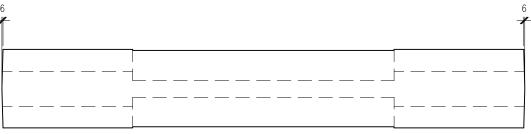


TRAFFIC BARRIER

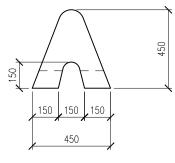
NOTES: – CONCRETE- 35MPA – MASS- 660KG (1450 LBS) Product No.

9003





PLAN VIEW



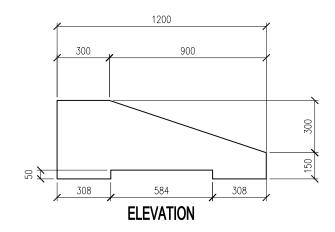
SECTION A

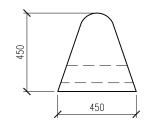


MINI BARRIER- TRANSITION END

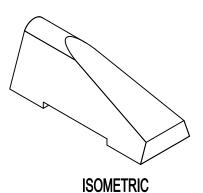
NOTES: - CONCRETE- 35MPA - MASS- 265KG (585 LBS) **Product No.**

9005



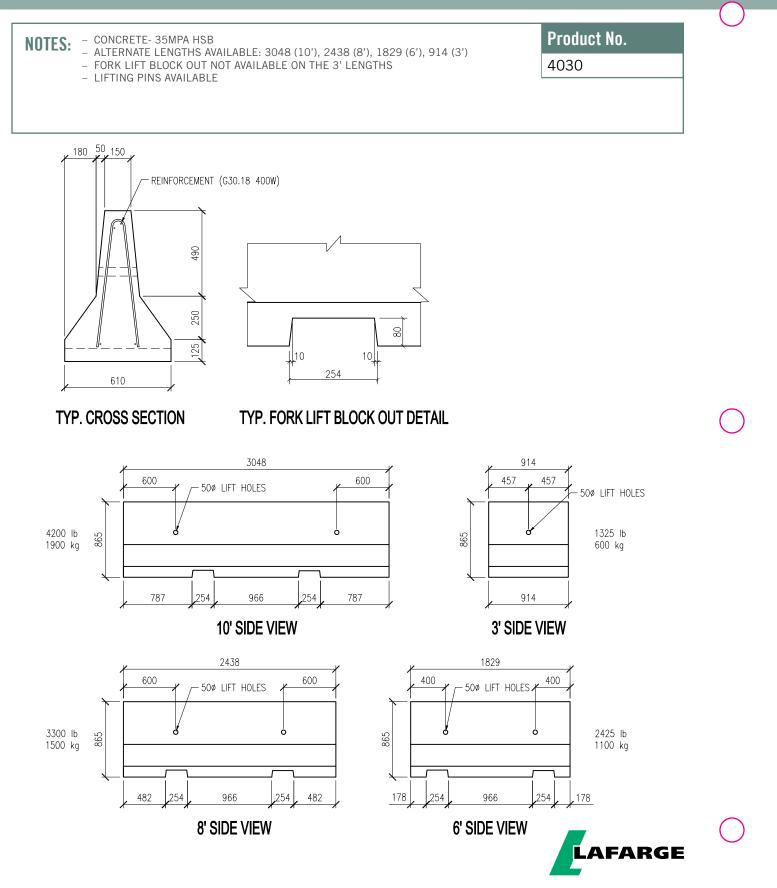


SECTION



LAFARGE

NEW JERSEY BARRIER

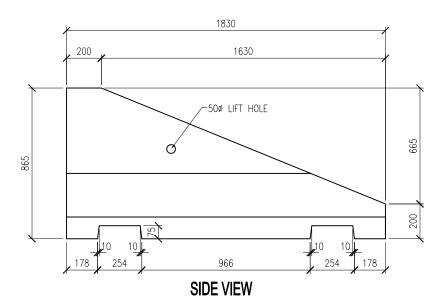


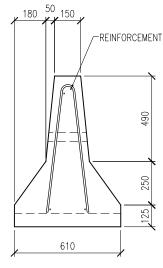
NEW JERSEY BARRIER TRANSITION

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

Product No.

4031





CROSS SECTION

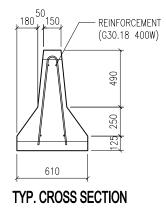


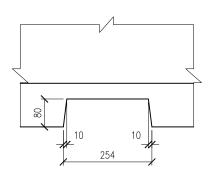
TOP LIFT BARRIER

NOTES: - CONCRETE- 35MPA HSB

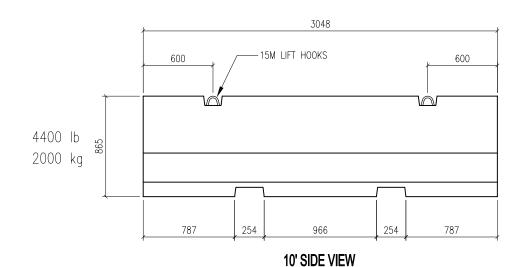
Product No.

4032





TYP. FORK LIFT BLOCK OUT DETAIL



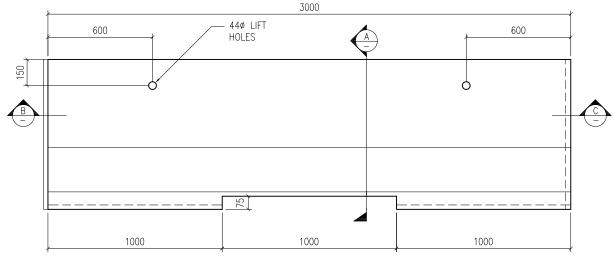


NEW JERSEY BARRIER

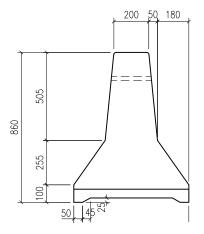
NOTES: - CONCRETE- 35MPA - MASS- 2085KG (4595 LBS)

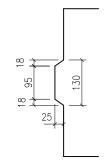
Product No.

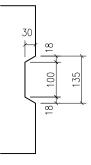
9001



SIDE VIEW







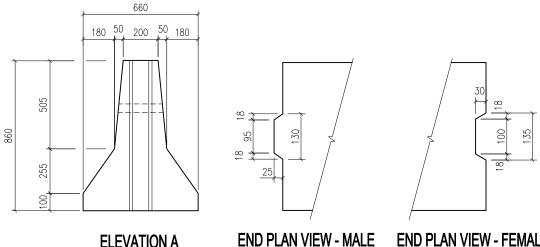


TRANSITION BARRIER

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

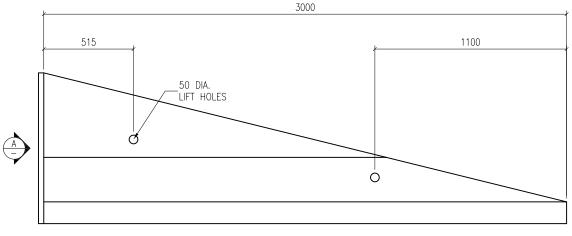
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Product No.
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9004



ELEVATION A







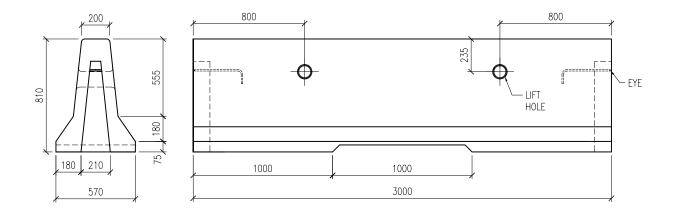


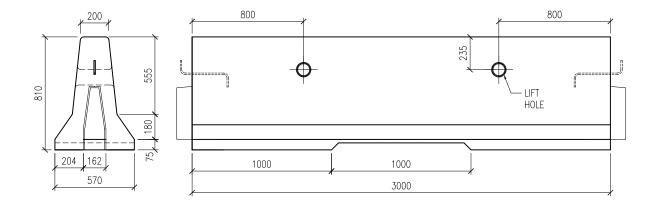
TYPE "F" MEDIAN BARRIER

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

Product No.

4040

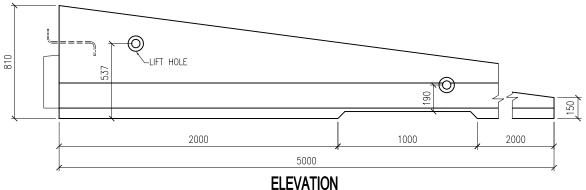




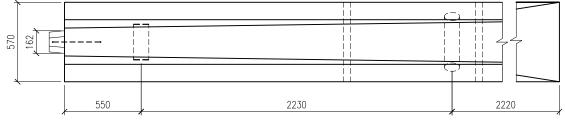
LAFARGE

CONSTRUCTION PRODUCTS

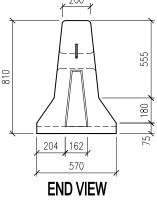








TYPE "F" MALE TRANSITION BARRIER



200 810

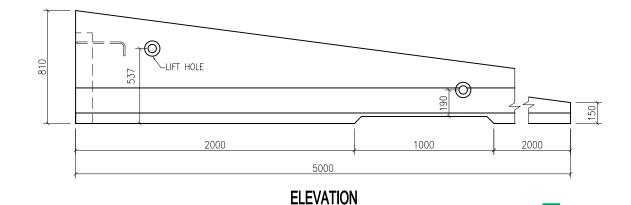
NOTES: - CONCRETE- 40MPA - MASS- 1090KG (2400 LBS)

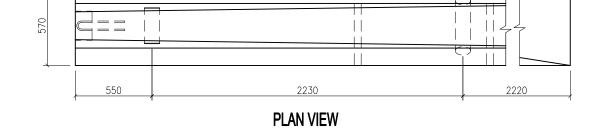
Product No.

4041-M

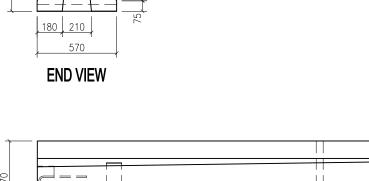
CONSTRUCTION PRODUCTS

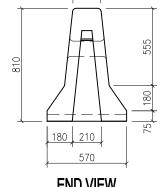






TYPE "F" FEMALE TRANSITION BARRIER



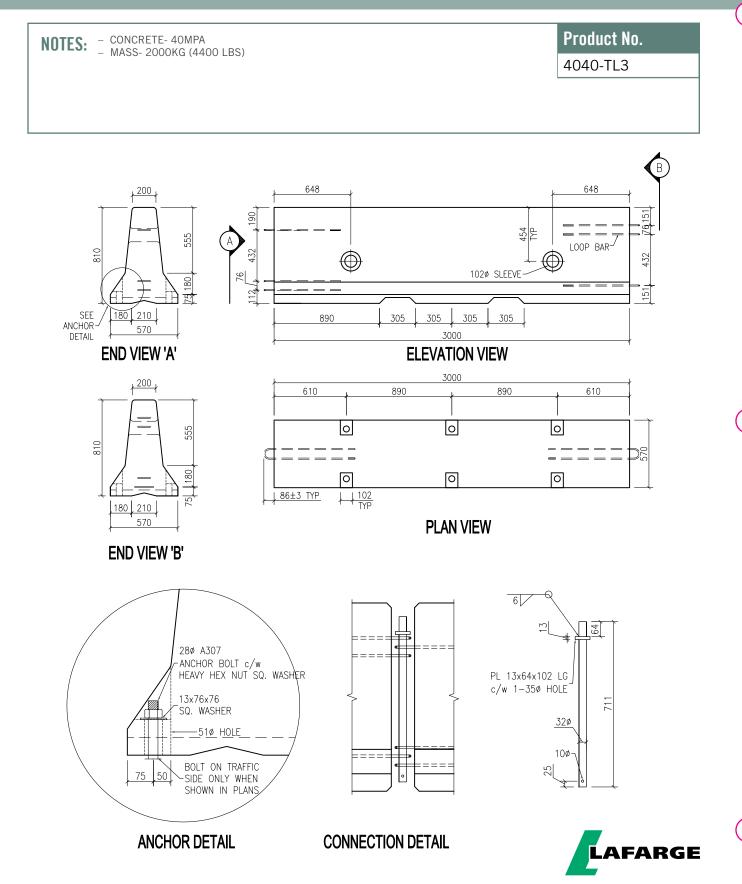


200

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

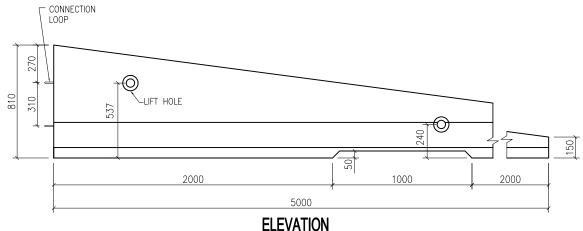
4041-F

TL3 MEDIAN BARRIER

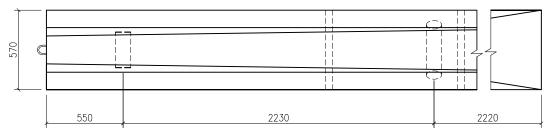


CONSTRUCTION PRODUCTS

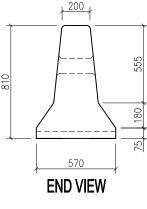


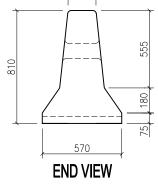






NON-RATED TRANSITION FOR THE TL3 BARRIER





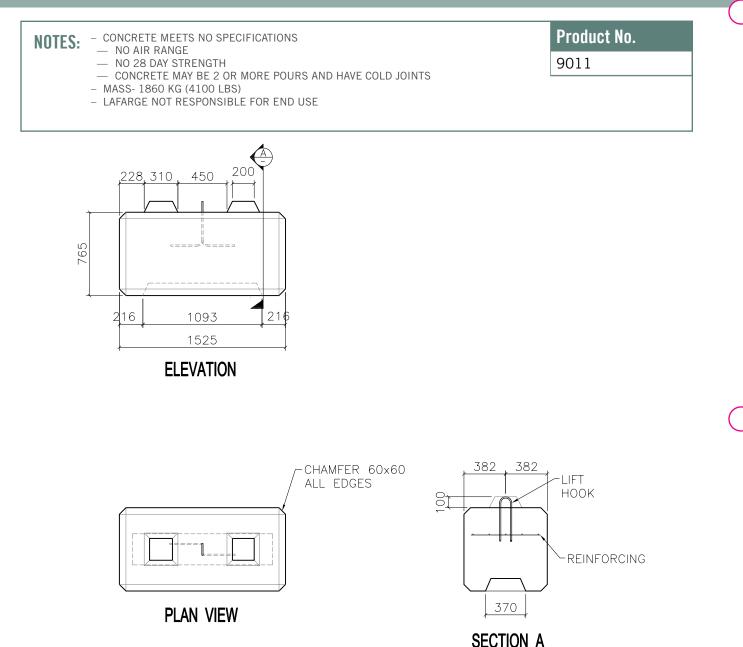
NOTES: - CONCRETE- 40MPA - MASS- 1090KG (2400 LBS)

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.

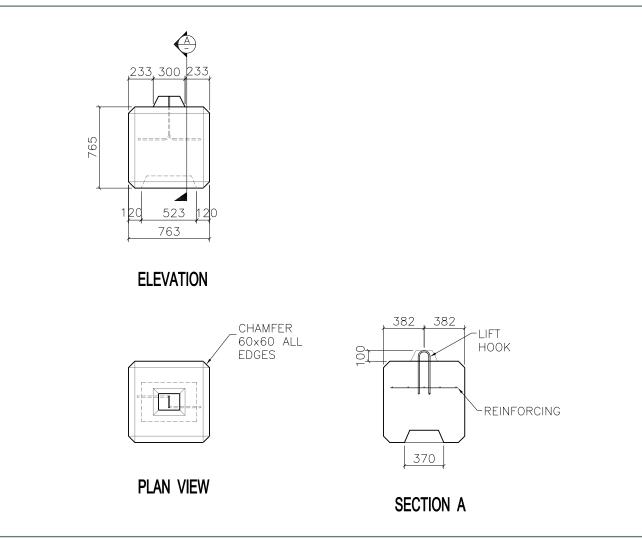
This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



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.



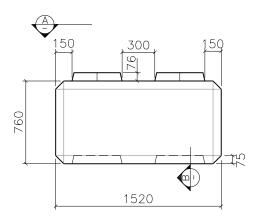
Product No.

9012

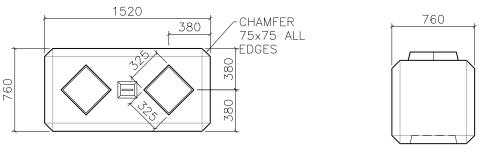
LAFARGE BLOCK



- 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.

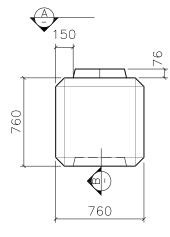
This notice of limitations supercedes any verbal representations or comments. If the Purchaser is unsure if the waste concrete blocks are appropriate for their end use, the Purchaser should consider requesting Lafarge for non-waste concrete blocks. Additional charges for this product will apply.



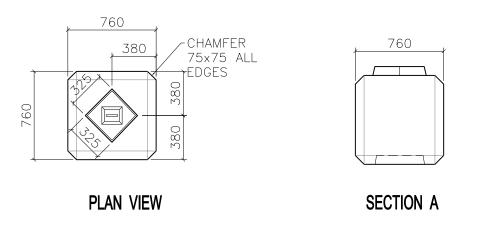
1/2 LAFARGE BLOCK

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.

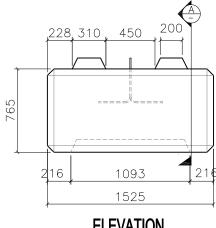
9014

LAFARGE BLOCK

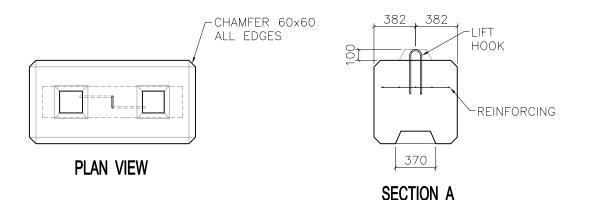
NOTES: – CONCRETE- 35MPA, 4-7% AIR, SINGLE POUR – MASS- 1860 KG (4100LBS)

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Product No.
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9011-S





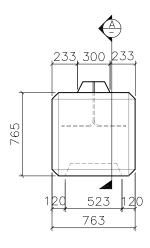




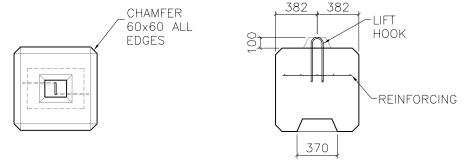
1/2 LAFARGE BLOCK

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

9012-S



ELEVATION



PLAN VIEW

SECTION A



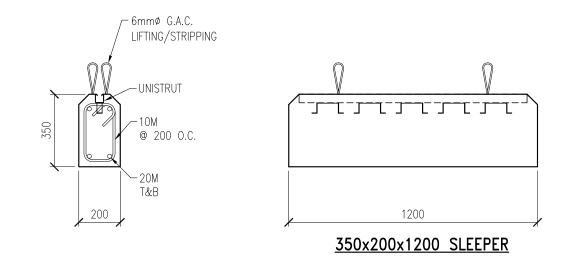
CABLE TRAY SLEEPER

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

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

Product No.

9320

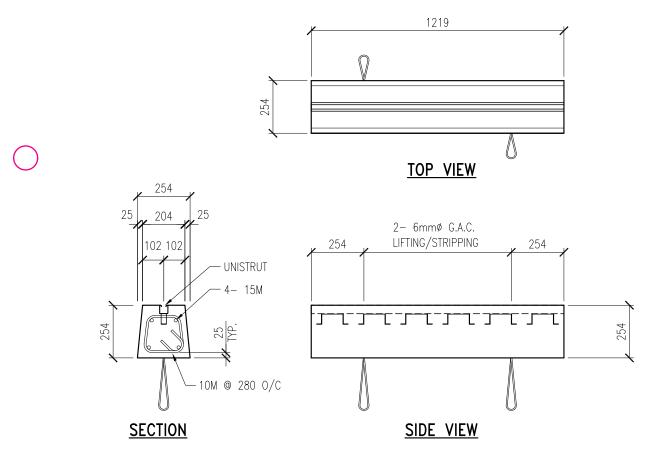




PRECAST SLEEPER

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)





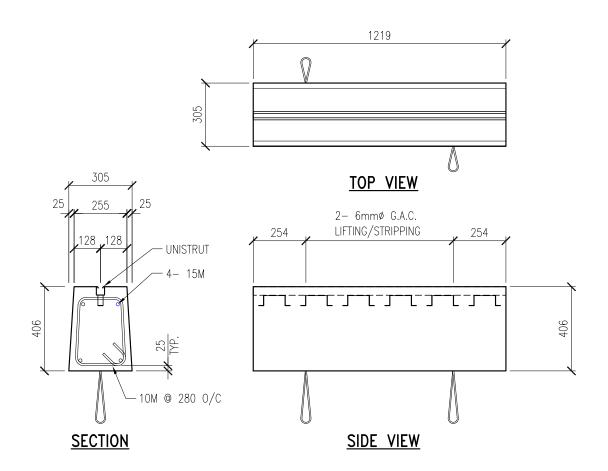
Product No.

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)





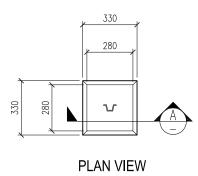
Product No.

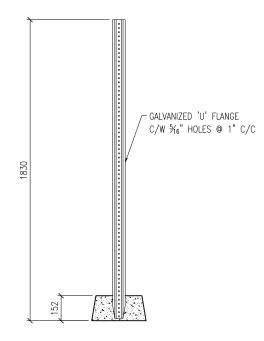
9322

SIGN POST

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

9327





SECTION A

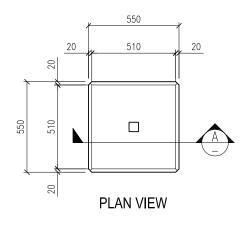


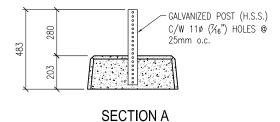
SIGN BASE

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

Product No.

9328



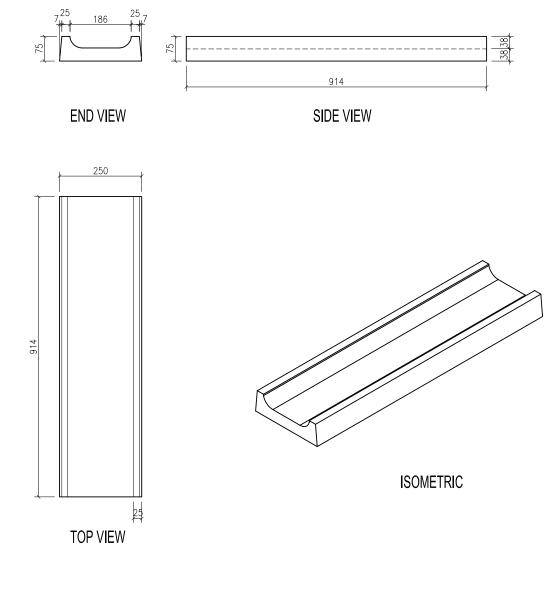




SPLASH PAD

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

9335



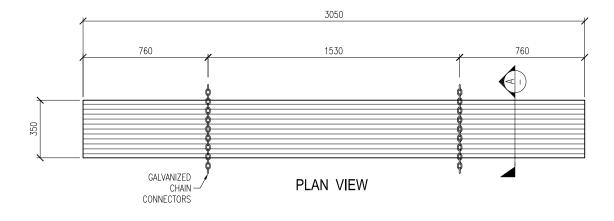


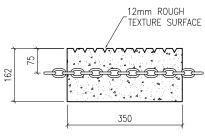
BOAT RAMP

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

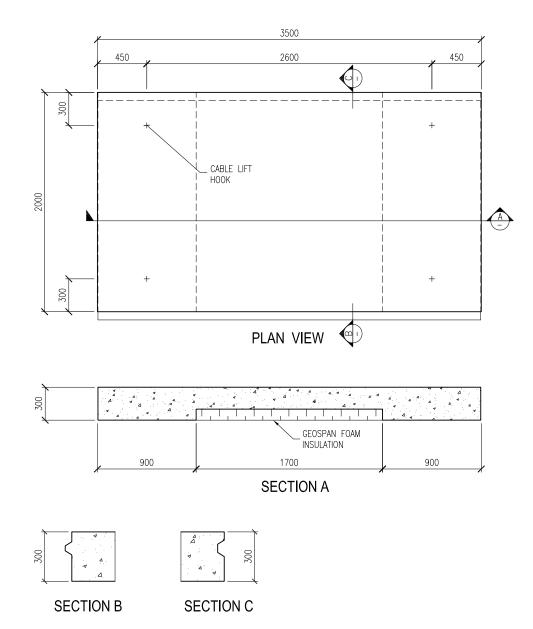


CROSSING SLAB

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





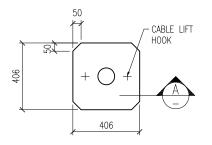
BOLLARD

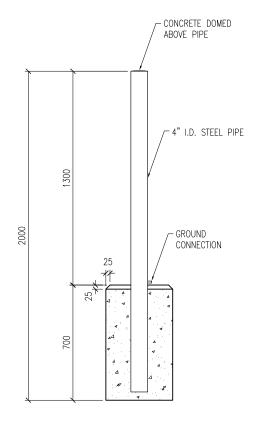
NOTES: – CONCRETE- 35MPA, TYPE HSB – MASS- 305 KG (675 LBS)

- YELLOW PLASTIC POST GUSRD AVAILABLE AT EXTRA CHARGE

Product No.

9339





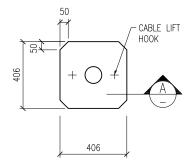
SECTION A

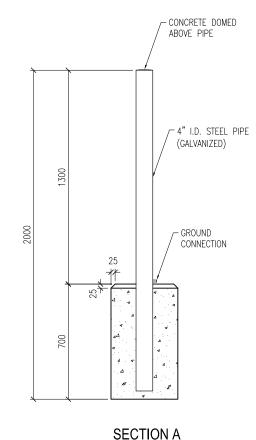


BOLLARD

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

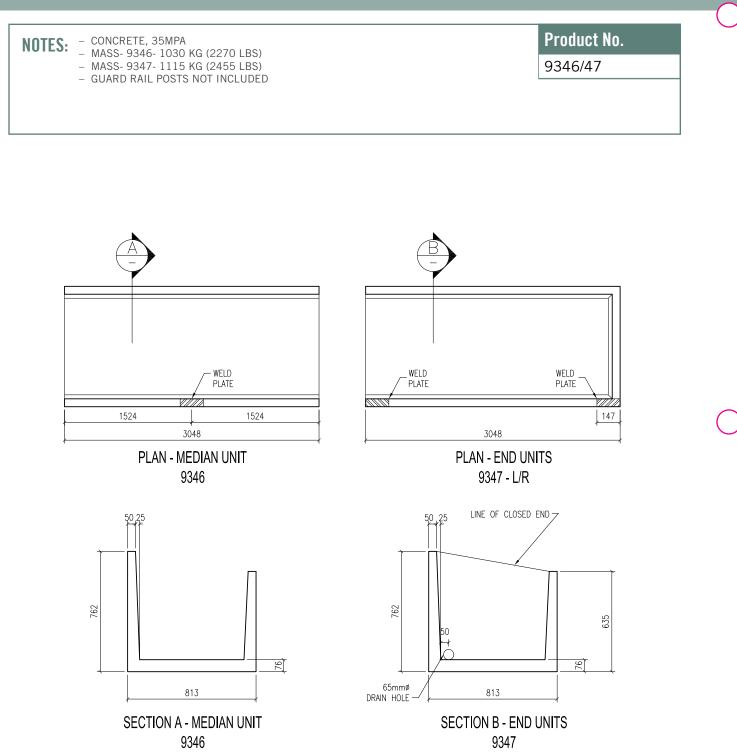
9340



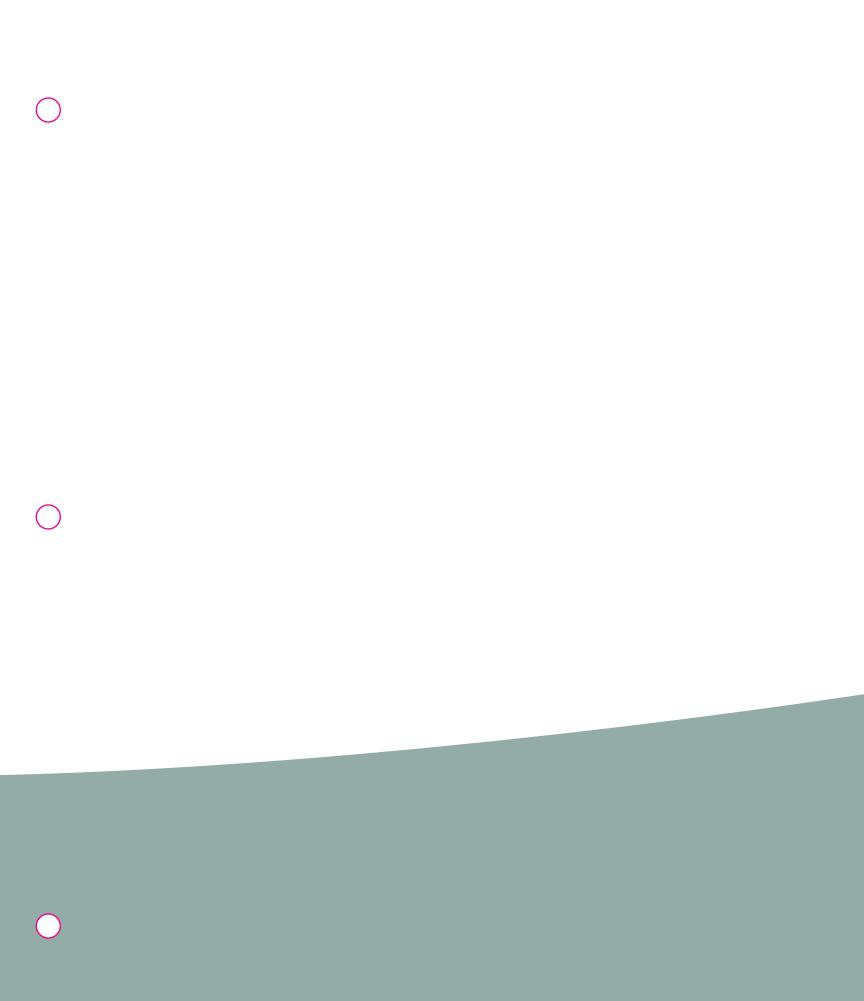


LAFARGE

FEED BUNKS/TROUGHS



LAFARGE





SOUTHERN ALBERTA PRECAST CATALOG 2017

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