



ELECTRICAL INFRASTRUCTURE SOLUTIONS



1300 012 278 | civilcast.com.au

The background of the entire page is a grayscale photograph of a construction site. In the upper half, two men are looking down at something out of frame. In the lower half, there are large concrete drainage structures with metal grates. An excavator arm is visible on the left side.

WHY CHOOSE CIVILCAST?

With our comprehensive product range, extensive stock availability, quick lead times, unwavering compliance and unparalleled expert advice, we'll go above and beyond to ensure our customers receive the very best service.



LARGE STOCKS



FAST LEAD TIMES



EXPERT ADVICE



9-13 Francis Rd,
Wingfield SA 5013



Unit 5, 84-160 Christensen Rd
South, Stapylton QLD 4207



50 Enterprise Dr,
Beresfield NSW 2332



Building B, 33-83 Quarry Rd,
Erskine Park NSW 2759



1 Campbell St,
Cowra NSW 2794



77 Canterbury Rd,
Montrose VIC 3765

OUR LOCATIONS

WE'VE GOT YOU COVERED.

With branches in New South Wales, Queensland, Victoria and South Australia our team of operations and logistics specialists ensures you receive your product precisely when and where you need it.



FLEXIBLE DELIVERY & LOGISTICS EXPERTISE

We are proud to provide exceptional delivery flexibility that distinguishes us from our competitors.

Our in-house fleet, featuring prime movers and hiabs, ensures we have the resources to deliver your products precisely when and where you need them.



BE COMPLIANCE SURE, BE CIVILCAST SURE

It's crucial to be sure the products you're purchasing comply with Australian Standards.



OUR COMPLIANCE IS BUILT IN

At Civilcast, we provide a comprehensive range of products that not only meet but exceed Australian Standards. Our drainage grates are rigorously load tested by a NATA-accredited facility, ensuring compliance with AS3996-2019 for Access Covers and Grates.

All Civilcast products, including our precast and custom solutions, are manufactured in strict adherence to the relevant Australian Standards, guaranteeing quality and peace of mind.



QUALITY ASSURANCE FOR YOUR PEACE OF MIND

We are dedicated to upholding the highest standards of quality in our products and services through our ISO 9001:2015 certified Quality Management System.

Our commitment extends to consistently fulfilling all legal and contractual obligations, which are seamlessly integrated into our operational processes. We conduct annual evaluations to ensure ongoing compliance and excellence.



MITIGATE LIABILITY RISKS WITH CERTIFIED PRODUCTS

All Civilcast ductile iron, steel, and grate products are backed by GlobalMark Certification, guaranteeing compliance with AS3996-2019 standards. As the exclusive supplier holding this certification, Civilcast provides a diverse range of high-quality ductile iron and steel products, ensuring safety and reliability for your projects.

LOAD STANDARDS

Civilcast products are manufactured in accordance with Australian Standard AS3996.



CLASS A

Design Load: 10kN
Wheel Load: 330kg

Areas (including footways) accessible only to pedestrians and pedal cyclists and closed to other traffic



CLASS B

Design Load: 80kN
Wheel Load: 2670kg

Areas (including footways and light tractor paths) accessible to vehicles (excluding commercial vehicles) or livestock



CLASS C

Design Load: 150kN
Wheel Load: 5000kg

Malls and areas open slow moving commercial vehicles



CLASS D

Design Load: 240kN
Wheel Load: 8000kg

Carriageways of roads and commercial vehicles



CLASS E

Design Load: 400kN
Wheel Load: 13700kg

General docks and aircraft pavements



CLASS F

Design Load: 600kN
Wheel Load: 20000kg

Docks and aircraft pavements subject to high wheel loads (airport aprons areas)



CLASS G

Design Load: 900kN
Wheel Load: 30000kg

Docks and aircraft pavements subject to high wheel loads (airport aprons areas)

PRECAST CONCRETE PITS

Civilcast Precast Pits are manufactured to strict quality control procedures and engineer certified, achieving a Class D rating.

All pits have 3 knockouts with some larger sizes having pre-cored step iron holes.

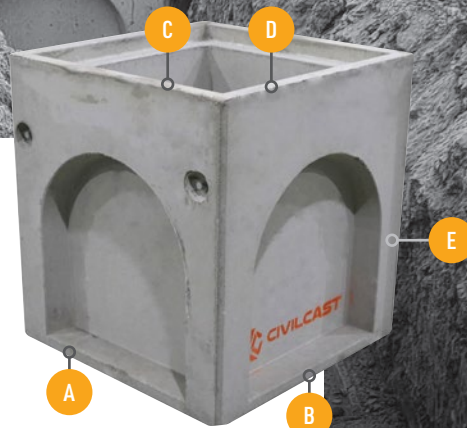


CERTIFIED TO 6M DEEP



AUSTRALIAN MADE

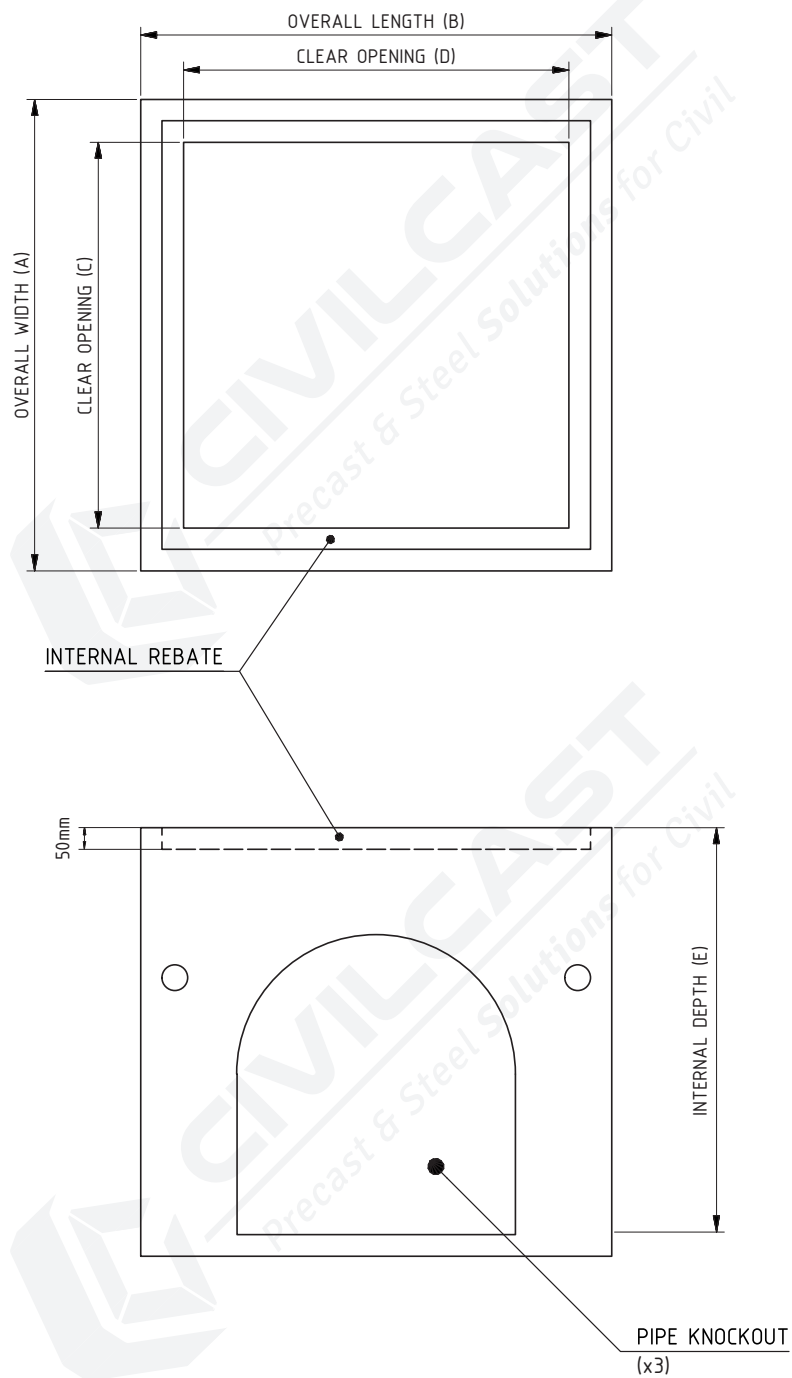
* Structural Certificate available upon request.



ITEM #	WEIGHT (kg)	ITEM DESCRIPTION	A	B	C	D	E
			EXTERNAL	EXTERNAL	INTERNAL	INTERNAL	DEPTH
PT44 450	220	450 x 450 x 450 PIT	650	650	450	450	450
PT44 600	275	450 x 450 x 600 PIT	650	650	450	450	600
PT44 750	332	450 x 450 x 750 PIT	650	650	450	450	750
PT66 450	320	600 x 600 x 450 PIT	800	800	600	600	450
PT66 600	403	600 x 600 x 600 PIT	800	800	600	600	600
PT66 750	440	600 x 600 x 750 PIT	800	800	600	600	750
PT66 900	510	600 x 600 x 900 PIT	800	800	600	600	900
PT96 600	462	900 x 600 x 600 PIT	1100	800	900	600	600
PT96 900	740	900 x 600 x 900 PIT	1100	800	900	600	900
PT96 1200	1075	900 x 600 x 1200 PIT	1100	800	900	600	1200
PT99 600	640	900 x 900 x 600 PIT	1100	1100	900	900	600
PT99 900	935	900 x 900 x 900 PIT	1100	1100	900	900	900
PT99 1050	1075	900 x 900 x 1050 PIT	1100	1100	900	900	1050
PT99 1200	1335	900 x 900 x 1200 PIT	1100	1100	900	900	1200
PT1209 1200	1760	1200 x 900 x 1200 PIT	1450	1150	1200	900	1200
PT1212 1200	1932	1200 x 1200 x 1200 PIT	1440	1440	1200	1200	1200
PT1515 1500	3138	1500 x 1500 x 1500 PIT	1750	1750	1500	1500	1500

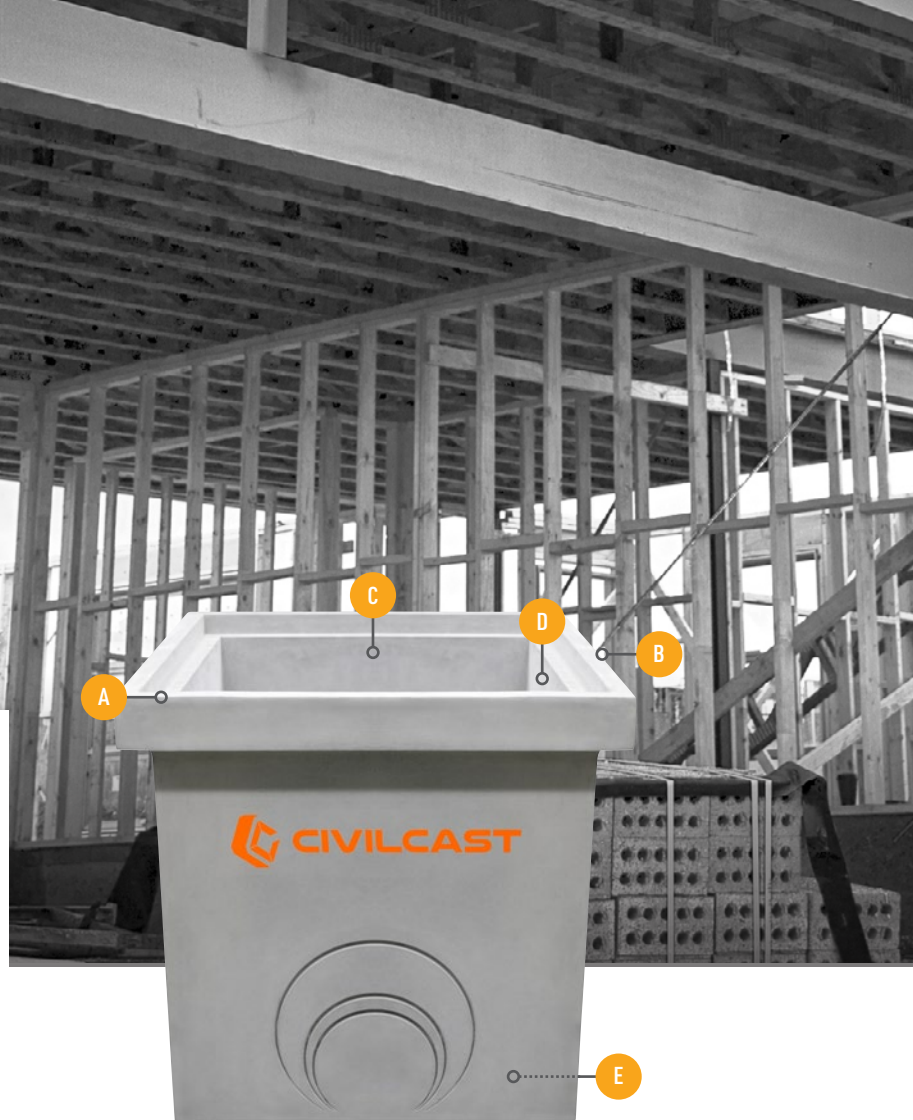
PRECAST CONCRETE PIT DETAIL

DIMENSIONAL DRAWINGS
OF EACH PIT SIZE ARE
AVAILABLE ON REQUEST.



GRC PITS

Durable and lightweight design, manufactured to withstand demanding conditions, delivering a long lasting, low-maintenance drainage solution.



ITEM #a	WEIGHT (kg)	ITEM DESCRIPTION	A	B	C	D	E
			EXTERNAL	EXTERNAL	INTERNAL	INTERNAL	INT. DEPTH
GRCPT33 350	26	350 x 350 x 350D GRC pit w/- 25mm opening rebate	420	420	350	350	350
GRCPT44 500	50	450 x 450 x 500D GRC pit w/- 25mm opening rebate	550	550	450	450	500
GRCPT66 500	73	600 x 600 x 500D GRC pit w/- 25mm opening rebate	700	700	600	600	500
GRCPT69 750	132	600 x 900 x 750D GRC pit w/- 25mm opening rebate	1000	700	600	900	750
GRCPT99 750	180	900 x 900 x 750D GRC pit w/- 25mm opening rebate	1010	1010	900	900	750
GRCPT99 900	210	900 x 900 X 925D GRC pit w/- 25mm opening rebate	1010	1010	900	900	900

GRC PIT RISERS

Civilcast GRC Pit Risers are made to achieve the required depth of your pit.

We supply a wide range of Pits and Risers in standard sizes offering an easy off the shelf solution to achieve the pit depths required.



ITEM #	ITEM DESCRIPTION	WEIGHT
GRCPR33 350	350mm x 350mm x 350mmD Precast GRC Pit Riser	21 kg
GRCPR44 300	450mm x 450mm x 300mmD Precast GRC Pit Riser	36 kg
GRCPR44 600	450mm x 450mm x 600mmD Precast GRC Pit Riser	50 kg
GRCPR66 150	600mm x 600mm x 150mmD Precast GRC Pit Riser	29 kg
GRCPR66 300	600mm x 600mm x 300mmD Precast GRC Pit Riser	37 kg
GRCPR66 600	600mm x 600mm x 600mmD Precast GRC Pit Riser	60 kg
GRCPR96 300	900mm x 600mm x 300mmD Precast GRC Pit Riser	49 kg
GRCPR96 600	900mm x 600mm x 600mmD Precast GRC Pit Riser	109 kg
GRCPR99 150	900mm x 900mm x 150mmD Precast GRC Pit Riser	44 kg
GRCPR99 300	900mm x 900mm x 300mmD Precast GRC Pit Riser	61 kg
GRCPR99 600	900mm x 900mm x 600mmD Precast GRC Pit Riser	117 kg



ELECTRICAL PITS & JOINT BAYS

All our Electrical Pits are custom manufactured.

Civilcast's Electrical Pits are available in a range of common sizes with bellmouth options of 50mm, 100mm, 125mm, 150mm & 200mm.

Custom size electrical pits and joint bays are available manufactured to project specific requirements. Call our in-house Design Team who will be able to provide you with expert advice.



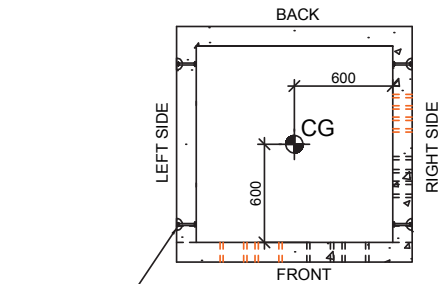
AUSTRALIAN MADE

ITEM #	ITEM DESCRIPTION
EPT44 450	450 x 450 x 450 Electrical Pit
EPT66 600	600 x 600 x 600 Electrical Pit
EPT96 900	900 x 600 x 900 Electrical Pit
EPT99 900	900 x 900 x 900 Electrical Pit
EPT1212 1200	1200 x 1200 x 1200 Electrical Pit
EPT1515 1500	1500 x 1500 x 1500 Electrical Pit

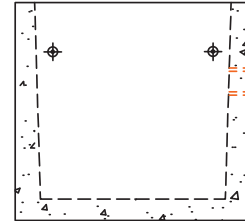
Electrical joint bays are shop drawn and manufactured to order based on project specific design and specifications.

Bellmouth sizes and locations vary from project to project. Upon order placement, Civilcast will issue Electrical Pit shop drawings for approval to confirm bellmouth sizes and locations.

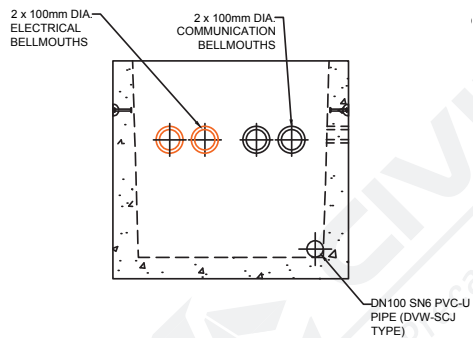
EXAMPLE BELLMOUTH CONFIGURATION PLAN



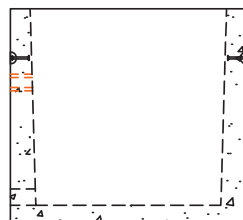
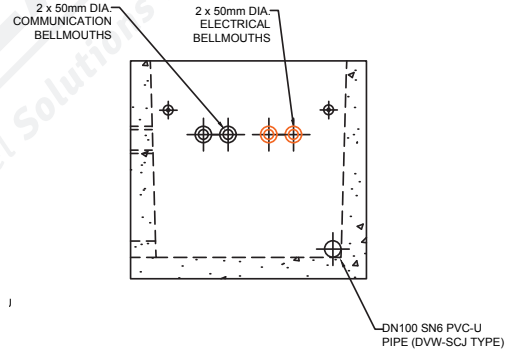
TOP VIEW
SCALE 1:40



LEFT VIEW
SCALE 1:40



FRONT VIEW



BACK VIEW
SCALE 1:40

Standard bellmouth sizes

50mm

63mm

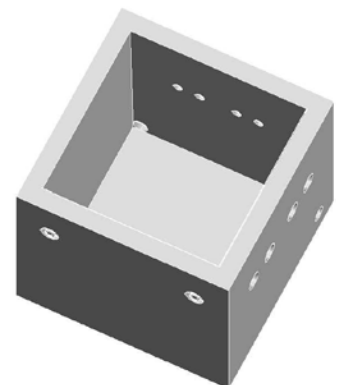
80mm

100mm

125mm

150mm

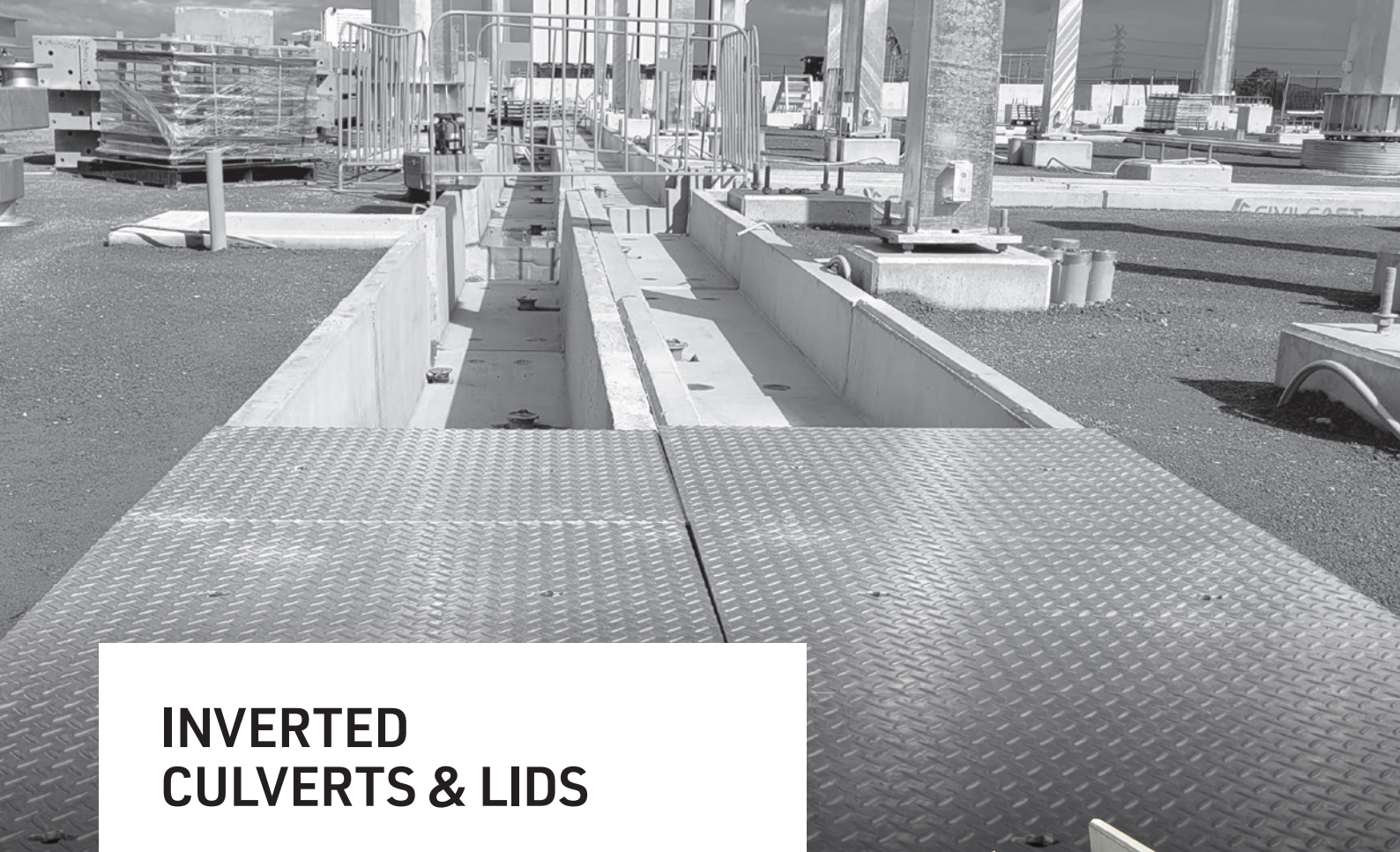
200mm



3D VIEW

*Example plan for illustrative purposes only.

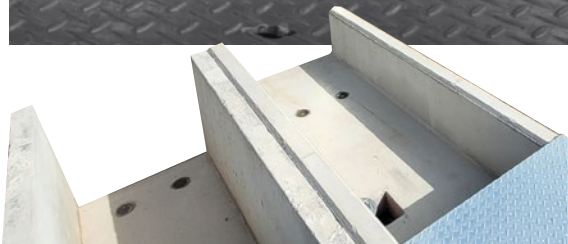
*Electrical pits are custom made to spec.



INVERTED CULVERTS & LIDS

A practical solution for housing underground cables and conduits in a variety of construction projects including data centres, water treatment plants, sub stations, etc. This engineered product is available in a range of standard sizes and reduces construction times.

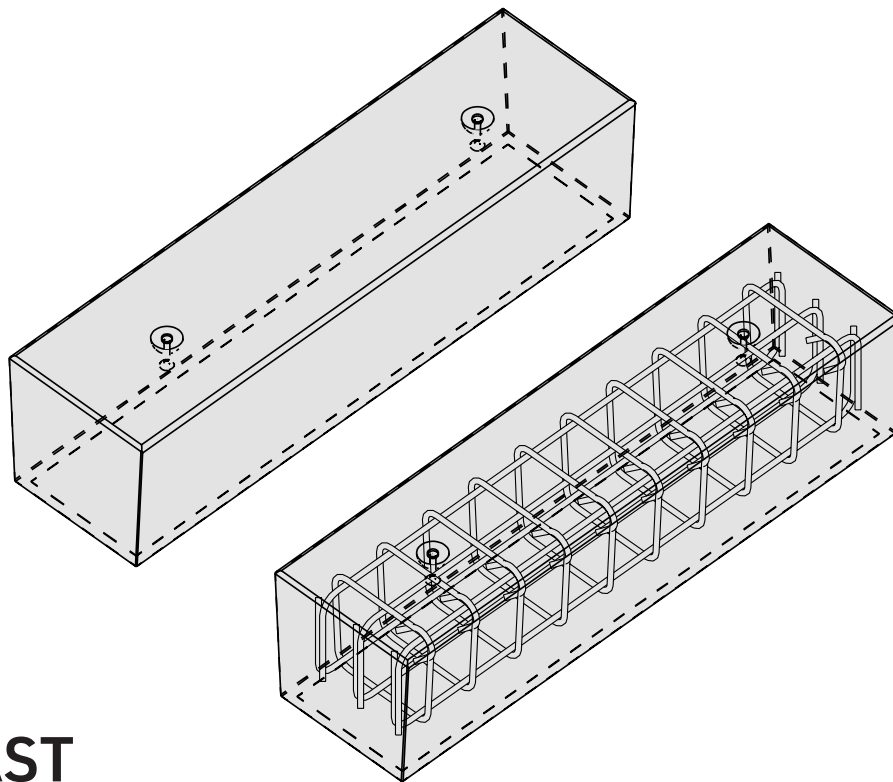
Lids are custom fabricated to suit proeject requirements.



SPAN TABLE		SPAN (mm)												
		300	450	600	900	1200	1500	1800	2100	2400	2700	3000	3300	3600
DEPTH (mm)	225	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	450		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	600			✓	✓	✓	✓	✓	✓	✓	✓	^	^	^
	750				✓	✓	✓	✓	✓	✓	✓	^	^	^
	900				✓	✓	✓	✓	✓	✓	✓	✓	^	^
	1200					✓	✓	✓	✓	✓	✓	✓	✓	^
	1500						✓	✓	✓	✓	✓	✓	✓	✓
	1800							✓	✓	✓	✓	✓	✓	✓
	2100								✓	✓	✓	✓	✓	✓
	2400									✓	✓	✓	✓	✓
	2700										✓	✓	✓	✓
	3000											✓	✓	✓
	3300												✓	✓
	3600													✓

*Leg thickness varies according to the height of the culvert. Drawings of required sizes are available upon request. Designed & Manufactured to AS1597.
Where design requirements are outside of or greater than the parameters of AS1597, structural design and detailing to be provided by project engineer.

^Custom upon request



FAST FOUNDATION

Precast footings provide a rapid solution for the secure placement of battery units, generators, containers and temporary site buildings.

The ideal solution that can be easily transported and placed for renewable energy projects and construction site establishment.

CUSTOM-DESIGNED FOR EACH PROJECT
ACCORDING TO GEOTECHNICAL AND
WEATHER CONDITIONS.

TARE WEIGHT (STEEL STRUCTURE ONLY)	5,280 KGS	11,640 LBS
TARE WEIGHT (INCLUDING FITOUT)	9,605 KGS	21,180 LBS

CIVILCAST

CUSTOM PRECAST

We have extensive expertise in the civil infrastructure sector, offering tailored precast solutions. Each of our custom products is fabricated at state-of-the-art manufacturing facility, designed for optimal performance. Our custom precast offerings include:

- Custom pits
- Custom slabs
- Custom joint bays
- Temporary building foundation

Our dedicated in-house Design Team is available to support you with your custom precast needs.



CUSTOM PITS



ELECTRICAL JOINT BAYS & OTHER CUSTOM ELEMENTS

CONCRETE INFILL COVER

Manufactured to Australian Standards, Civilcast's Ductile Iron Concrete Infill Covers are installed as entry points to underground sewer and water systems. They are filled with concrete onsite to achieve a heavy duty finish that integrates with surrounding hard stand.



BIKE SAFE



AS 3996-2019



PEDESTRIAN SAFE



LOCKABLE



HEAVY DUTY SOLID BAR HINGE



GASTIGHT



TRAFFICABLE

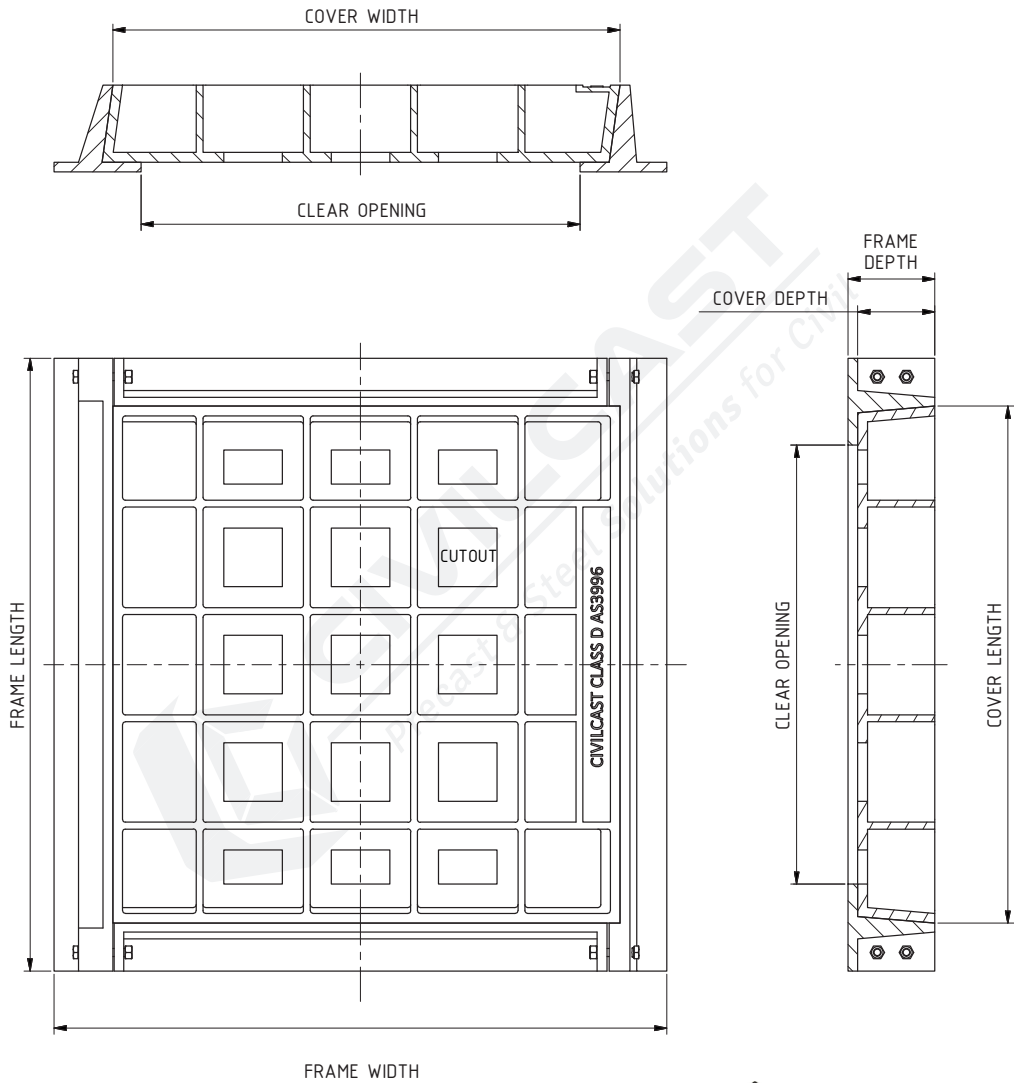


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ALL CIVILCAST DUCTILE IRON PRODUCTS ARE GLOBAL-MARK CERTIFIED FOR YOUR PEACE OF MIND.

ITEM #	ITEM DESCRIPTION	AS3996:2019 LOAD CLASS	FRAME			COVER			CLEAR OPENING	
			Length	Width	Depth	Length	Width	Depth	Length	Width
CI44B	450 x 450 Ductile Iron Concrete Infill Cover	Class B	605	565	55	500	495	35	450	450
CI44D	450 x 450 Ductile Iron Concrete Infill Cover	Class D	630	630	100	530	520	70	450	450
CI66B	600 x 600 Ductile Iron Concrete Infill Cover	Class B	755	710	55	646	646	35	600	600
CI66D	600 x 600 Ductile Iron Concrete Infill Cover	Class D	780	780	100	680	670	80	600	600
CI96B	900 x 600 Ductile Iron Concrete Infill Cover	Class B	1060	715	55	950	645	35	900	600
CI96D	900 x 600 Ductile Iron Concrete Infill Cover	Class D	1080	780	90	995	670	80	900	600
CI99B	900 x 900 Ductile Iron Concrete Infill Cover	Class B	1060	1000	55	945	945	35	900	900
CI99D	900 x 900 Ductile Iron Concrete Infill Cover	Class D	1078	1078	90	970	980	80	900	900
CI99D 2 PART	900 x 900 Ductile Iron Concrete Infill 2 Part	Class D	1090	1170	100	1000	1070	70	900	900
CI99G 2P	900 x 900 Ductile Iron Concrete Infill Cover	Class G	1150	1140	125	1015	2 x 540	100	900	900
CI912B 2 PART*	900 x 1240 Ductile Iron Concrete Infill 2 Part	Class B	1360	1050	55	2 x 645	945	35	900	1245
CI912D 2 PART*	900 x 1240 Ductile Iron Concrete Infill 2 Part	Class D	1500	1130	100	2 x 670	995	70	900	1245
CI1212B 2 PART*	1200 x 1200 Ductile Iron Concrete Infill 2 Part	Class B	1360	1370	55	1248	2 x 620	35	1200	1200
CI1212D 2 PART*	1200 x 1200 Ductile Iron Concrete Infill 2 Part	Class D	1370	1370	100	1280	2 x 630	70	1200	1200

CONCRETE INFILL COVER DETAIL



CONCRETE INFILL COVERS - ENCASED

Civilcast Ductile Iron Concrete Infill Covers are also available with concrete surrounds, providing a ready-to-use solution for fast project completion.



BIKE SAFE



AS 3996-2019



PEDESTRIAN SAFE



LOCKABLE



HEAVY DUTY SOLID BAR HINGE



GASTIGHT



TRAFFICABLE

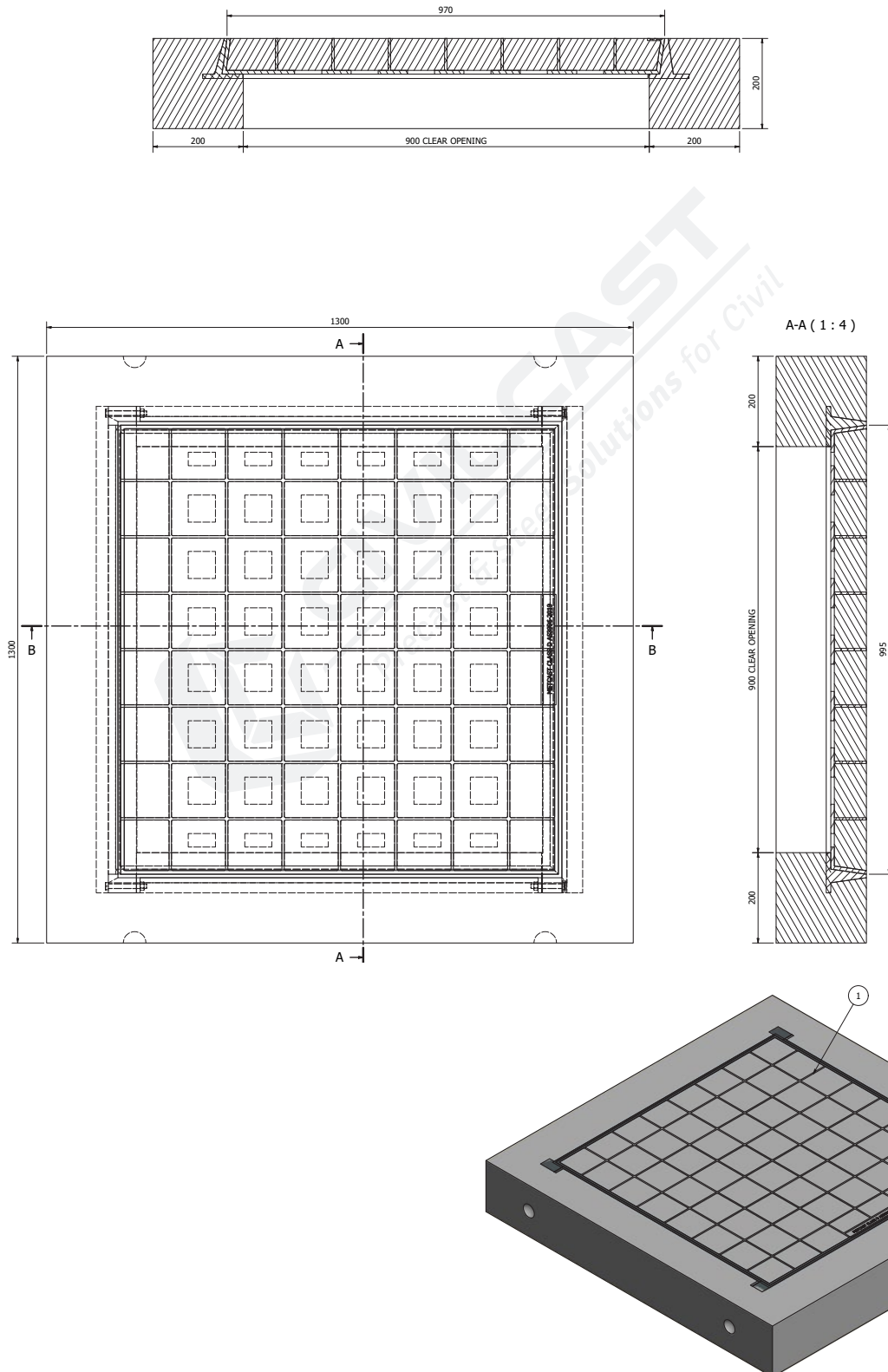


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ALL CIVILCAST DUCTILE
IRON PRODUCTS ARE
GLOBAL-MARK CERTIFIED
FOR YOUR PEACE OF MIND.






ITEM #	ITEM DESCRIPTION	AS3996:2019 LOAD CLASS	CONCRETE SURROUND		
			Length	Width	Depth
CI44B ENC	450 x 450 Ductile Iron Infill Cover Encased	Class B	800	800	150
CI44D ENC	450 x 450 Ductile Iron Infill Cover Encased	Class D	800	800	200
CI66B ENC	600 x 600 Ductile Iron Infill Cover Encased	Class B	900	900	150
CI66D ENC	600 x 600 Ductile Iron Infill Cover Encased	Class D	1000	1000	200
CI96B ENC	900 x 600 Ductile Iron Infill Cover Encased	Class B	900	1200	150
CI96D ENC	900 x 600 Ductile Iron Infill Cover Encased	Class D	1000	1300	200
CI99B ENC	900 x 900 Ductile Iron Infill Cover Encased	Class B	1200	1200	150
CI99D ENC	900 x 900 Ductile Iron Infill Cover Encased	Class D	1300	1300	200
CI99D 2P ENC	900 x 999 Encased Ductile Iron Concrete Infill Cover	Class D	1300	1300	200
CI912B 2P ENC	900 x 1200 Ductile Iron Infill Cover Encased	Class B	1300	1600	150
CI912D 2P ENC	900 x 1200 Ductile Iron Infill Cover Encased	Class D	1300	1600	200
CI1212B 2P ENC	1200 x 1200 2 Part Ductile Iron Infill Cover Encased	Class B	1600	1600	175
CI1212D 2P ENC	1200 x 1200 2 Part Ductile Iron Infill Cover Encased	Class D	1600	1600	225

CONCRETE INFILL COVER - ENCASED DETAIL



SOLID TOP COVERS

Civilcast Solid Top Covers are robustly constructed to withstand years of heavy work. Available in a range of sizes and classes to suit your project requirements.

-  HEAVY DUTY SOLID BAR HINGE
-  AS 3996-2019
-  PEDESTRIAN SAFE
-  LOCKABLE
-  GASTIGHT

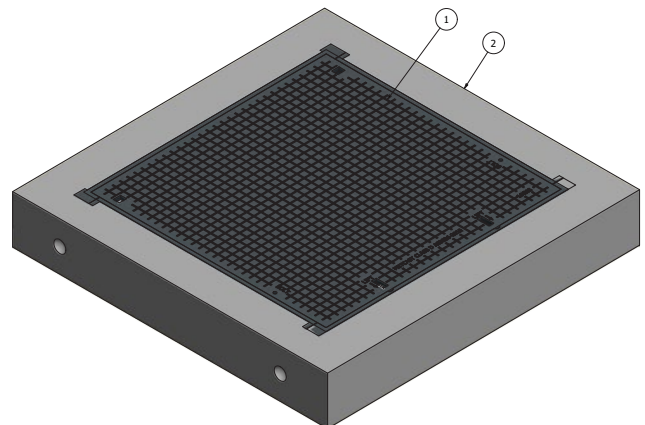
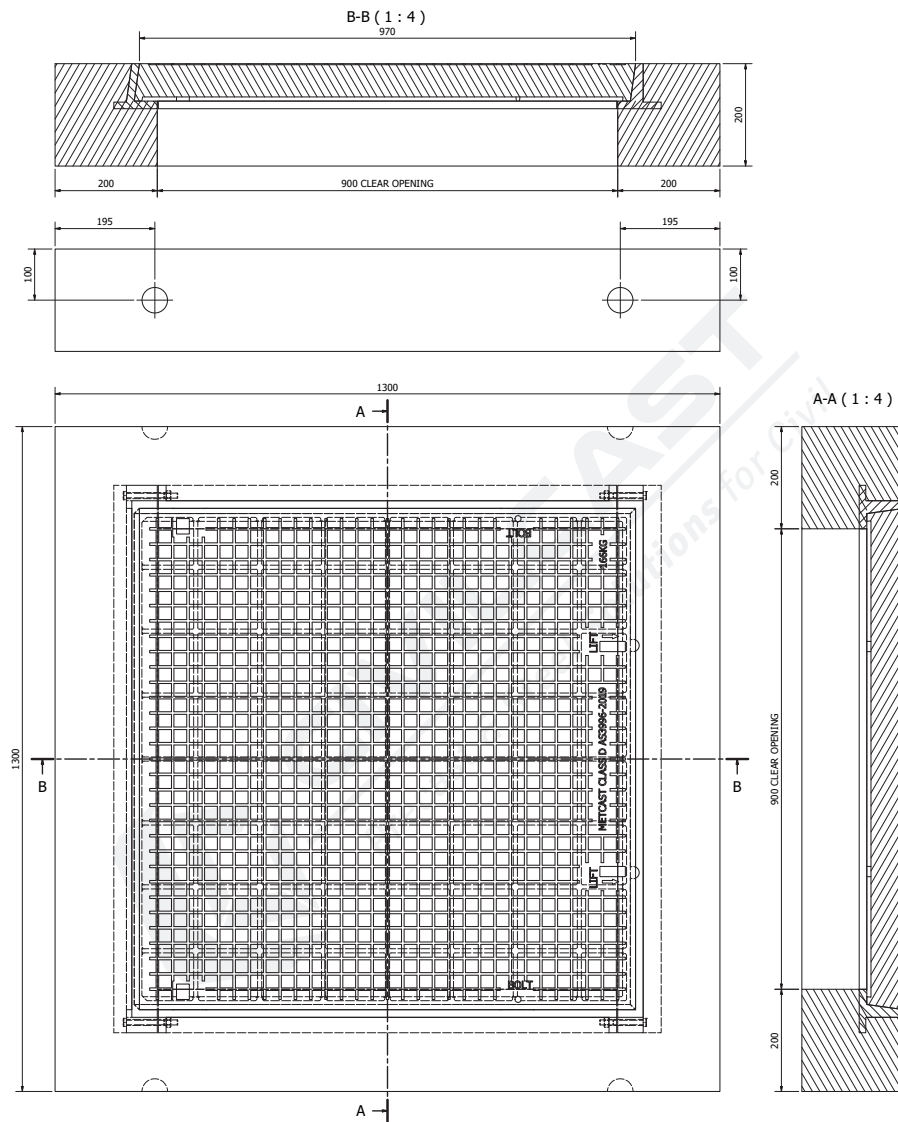


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ALL CIVILCAST DUCTILE IRON PRODUCTS ARE GLOBAL-MARK CERTIFIED FOR YOUR PEACE OF MIND.

ITEM #	ITEM DESCRIPTION	AS3996-2019 LOAD CLASS	FRAME			LID			CLEAR OPENING	
			Length	Width	Depth	Length	Width	Depth	Length	Width
CI44B ST	450 x 450 Cast Iron Solid Top Cover	Class B	605	565	55	500	495	35	450	450
CI44D ST	450 x 450 Cast Iron Solid Top Cover	Class D	620	620	90	530	525	70	450	450
CI66B ST	600 x 600 Solid Top Cover	Class B	750	710	55	646	646	40	600	600
CI66D ST	600 x 600 Solid Top Cover	Class D	770	770	90	680	670	70	600	600
CI96B ST	900 x 600 Cast Iron Solid Top Cover	Class B	1045	700	55	950	645	35	900	600
CI96D ST	900 x 600 Cast Iron Solid Top Cover	Class D	1085	770	90	995	670	70	900	600
CI99B ST	900 x 900 Cast Iron Solid Top Cover	Class B	1050	1000	55	945	945	40	900	900
CI99D ST	900 x 900 Cast Iron Solid Top Cover	Class D	1070	1070	90	980	970	70	900	900
CI912D ST 2 PART	900 x 1200 Cast Iron Solid Top 2 Part Cover	Class B	1360	1050	55	2 x 645	945	35	900	1245
CI9120 ST 2 PART	900 x 120mm C/O Cast Ductile Iron Solid Top 2 Part Cover & Frame	Class B								

SOLID TOP COVER DETAIL



SOLID TOP COVERS - ENCASED

Our Solid Top Covers are also available encased in a concrete surround, providing the ultimate solution for ease of installation and quality finish where a square access hole is required for underground services.

-  HEAVY DUTY
-  AS 3996-2019
-  PEDESTRIAN SAFE
-  LOCKABLE
-  GASTIGHT
-  BIKE SAFE
-  TRAFFICABLE

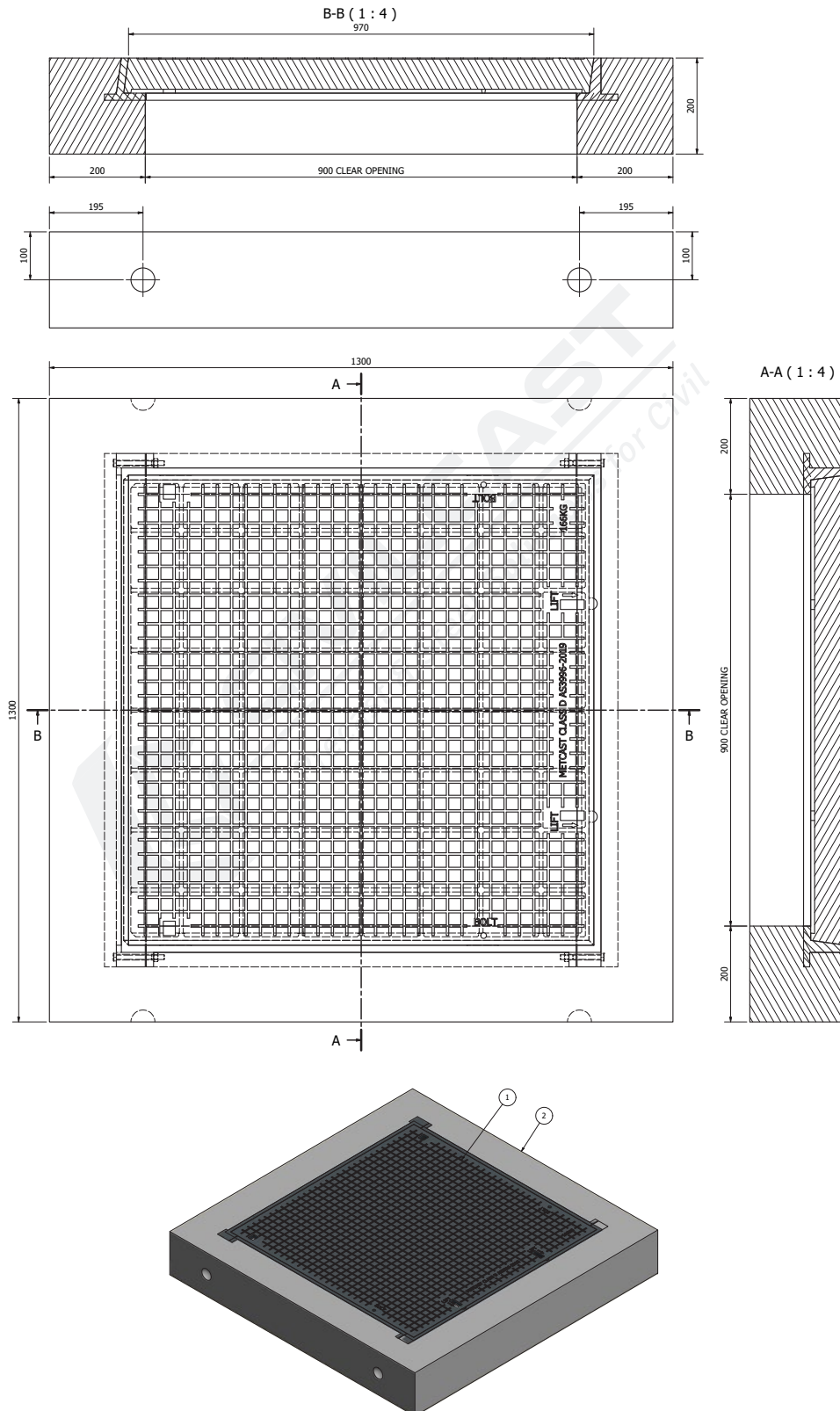


ALL CIVILCAST DUCTILE
IRON PRODUCTS ARE
GLOBAL-MARK CERTIFIED
FOR YOUR PEACE OF MIND.

ITEM #	ITEM DESCRIPTION	AS3996:2019 LOAD CLASS	CONCRETE SURROUND			WEIGHT (kg)
			Length	Width	Depth	
CI44B ST ENC	450 x 450 Cast Iron Solid Top Cover Encased	Class B	800	800	150	225
CI44D ST ENC	450 x 450 Cast Iron Solid Top Cover Encased	Class D	800	800	200	261
CI66B ST ENC	600 x 600 Cast Iron Solid Top Cover Encased	Class B	900	900	150	272
CI66D ST ENC	600 x 600 Cast Iron Solid Top Cover Encased	Class D	1000	1000	200	382
CI96B ST ENC	900 x 600 Cast Iron Solid Top Cover Encased	Class B	900	1200	150	356
CI96D ST ENC	900 x 600 Cast Iron Solid Top Cover Encased	Class D	1000	1300	200	467
CI99B ST ENC	900 x 900 Cast Iron Solid Top Cover Encased	Class B	1200	1200	150	466
CI99D ST ENC	900 x 900 Cast Iron Solid Top Cover Encased	Class D	1300	1300	200	570

*Custom Encasements are also available on request.

SOLID TOP COVER - ENCASED DETAIL



CHEQUER PLATE COVERS

FOR PRECAST CONCRETE PITS

Chequer plate covers to suit precast concrete electrical pits are offered as a cost-effective solution to cover a pit or tank opening that is not required to be lockable.

They are designed with a depth of 50mm to suit the rebate of the Civilcast precast concrete pit range as a drop in lid to achieve a flush finish.



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ALL CIVILCAST GALVANISED
STEEL PRODUCTS ARE
GLOBAL-MARK CERTIFIED
FOR YOUR PEACE OF MIND

ITEM #	ITEM DESCRIPTION	GRATE		
		Length	Width	Depth
SLCP44L	Galvanised Chequer Plate Lid - suits PT44 & PR44	540	540	50
SLCP66L	Galvanised Chequer Plate Lid - suits PT66 & PR66	690	690	50
SLCP96L	Galvanised Chequer Plate Lid - suits PT96 & PR96	990	690	50
SLCP99L	Galvanised Chequer Plate Lid - suits PT99 & PR99	990	990	50

DROP-IN GRC PIT COVERS

FOR GRC PITS

Drop-In Pit Covers are a durable solution for covering utility pits offering superior strength and corrosion resistance.



Global-Mark.com.au®

ALL CIVILCAST GALVANISED
STEEL PRODUCTS ARE
GLOBAL-MARK CERTIFIED
FOR YOUR PEACE OF MIND

ITEM #	ITEM DESCRIPTION	GRATE		
		Length	Width	Depth
GRC33L	350x350mm C/O GRC Drop-In Pit Cover, Light Duty, suits GRC Pit	380	380	25
GRC44L	450x450mm C/O GRC Drop-In Pit Cover, Light Duty, suits GRC Pit	490	490	25
GRC66L	600x600mm C/O GRC Drop-In Pit Cover, Light Duty, suits GRC Pit	640	640	25
GRC96L	900x600mm C/O GRC Drop-In Pit Cover, Light Duty, suits GRC Pit	940	640	25
GRC99L	900x900mm C/O GRC Drop-In Pit Cover, Light Duty, suits GRC Pit	940	940	25

CIVILCAST



**AUSTRALIAN
MADE & OWNED**

Our locations:

HEAD OFFICE & WAREHOUSE

Building B, 33-83 Quarry Road,
Erskine Park NSW 2759

MANUFACTURING

1 Campbell Street,
Cowra NSW 2794

NEWCASTLE

50 Enterprise Drive,
Beresfield NSW 2332

QUEENSLAND

Unit 3, 84-160 Christensen Road South,
Stapylton QLD 4207

VICTORIA

77 Canterbury Road,
Montrose VIC 3765

ADELAIDE

9-13 Francis Road,
Wingfield SA 5013



CIVILCAST®

Precast & Steel Solutions for Civil



1300 012 278

sales@civilcast.com.au
civilcast.com.au