



Telecommunications]

BVCI specialise in the development, manufacture and distribution of plastic polymer and pre-cast concrete cable jointing pits and pit access covers. All BVCI plastic polymer cable pits are designed and tested to “Telcordia” standard for top and side wall loading as it is now recognised and accepted that “footpaths” are no longer vehicle free and as such pit designs must ensure both top and side loads are capable to take light vehicles and ride on mowers. BVCI plastic cable pits are manufactured by rotational moulding process using black ultra violet light stabilised polyethylene material. BVCI plastic cable pits have been developed with assistance from industry and major Authorities to ensure they meet the stringent requirements for installation and long term use, and are approved for use by major Authorities in Telecommunications including Telstra, and Energy Authorities. BVCI product is also extensively used in the NBN and alternative Broadband rollouts throughout Australia.

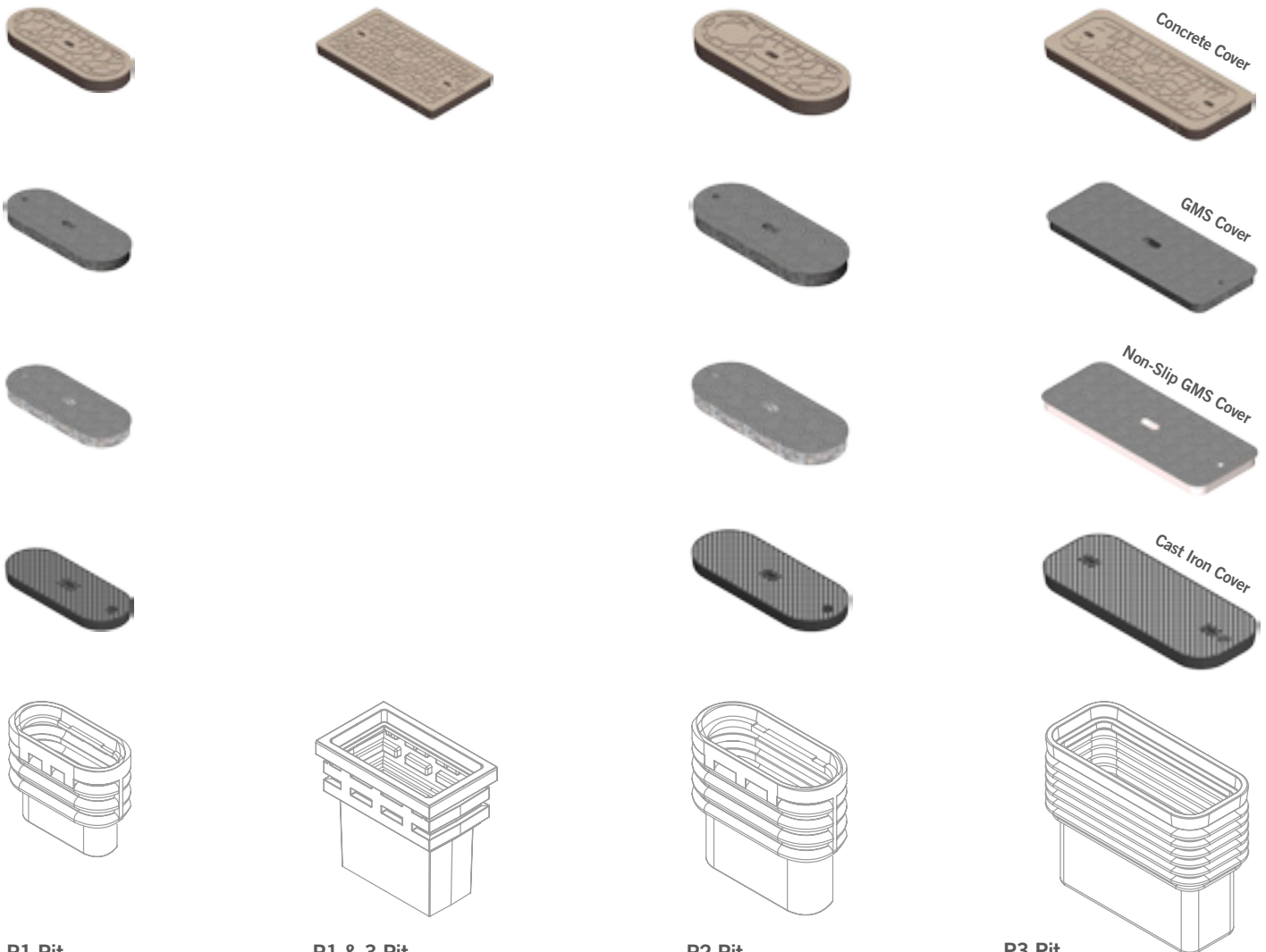
BVCI pre-cast concrete cable pits and manholes are specifically designed and manufactured to meet leading Authority and industry standards and requirements for Telecommunications, Communications and Electrical applications. All BVCI cable pit product are manufactured using 40Mpa strength concrete and are fully steel mesh and bar reinforced, and include Unistrut for cable hanging, and conduit knockouts. Some cable pits are designed specifically to the Authority design and standard, and others designed by BVCI with knowledge and assistance from Authorities and Industry are developed to meet specific load ratings for vehicle traffic whether it be for “footpath” or “roadway” applications. BVCI also design and manufacture “non-standard” cable pits and manholes to meet specific installation projects.

BVCI manufacture a wide range of cable pit access covers in pre-cast concrete, galvanised mild steel, cast (ductile) iron, and selective plastic and composite designs. BVCI access pit covers are available in non locking or locking configuration. Locking covers may be in Allen Key style lockdown bolt or lockbox style to meet high security SCEC endorsement as used in Defence facilities. BVCI also specialise in the manufacture of pit access covers encased in pre-cast concrete roof slabs or plinths for placement over standard or special cable pit installations.

BVCI have a long association with Telstra and are a current approved supplier.

Plastic Pit Range

Telecommunications

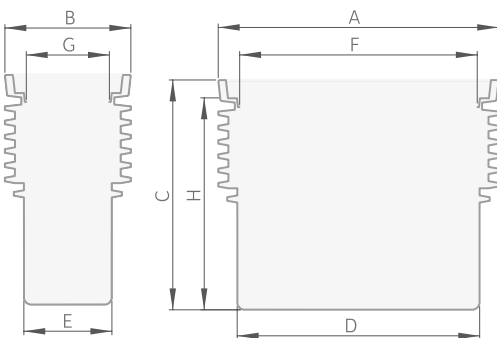


P1 Pit
Product Code 124000
 Approved Pit

P1 & 3 Pit
Product Code 124050

P2 Pit
Product Code 124015
 Approved Pit

P3 Pit
Product Code 124020
 Approved Pit



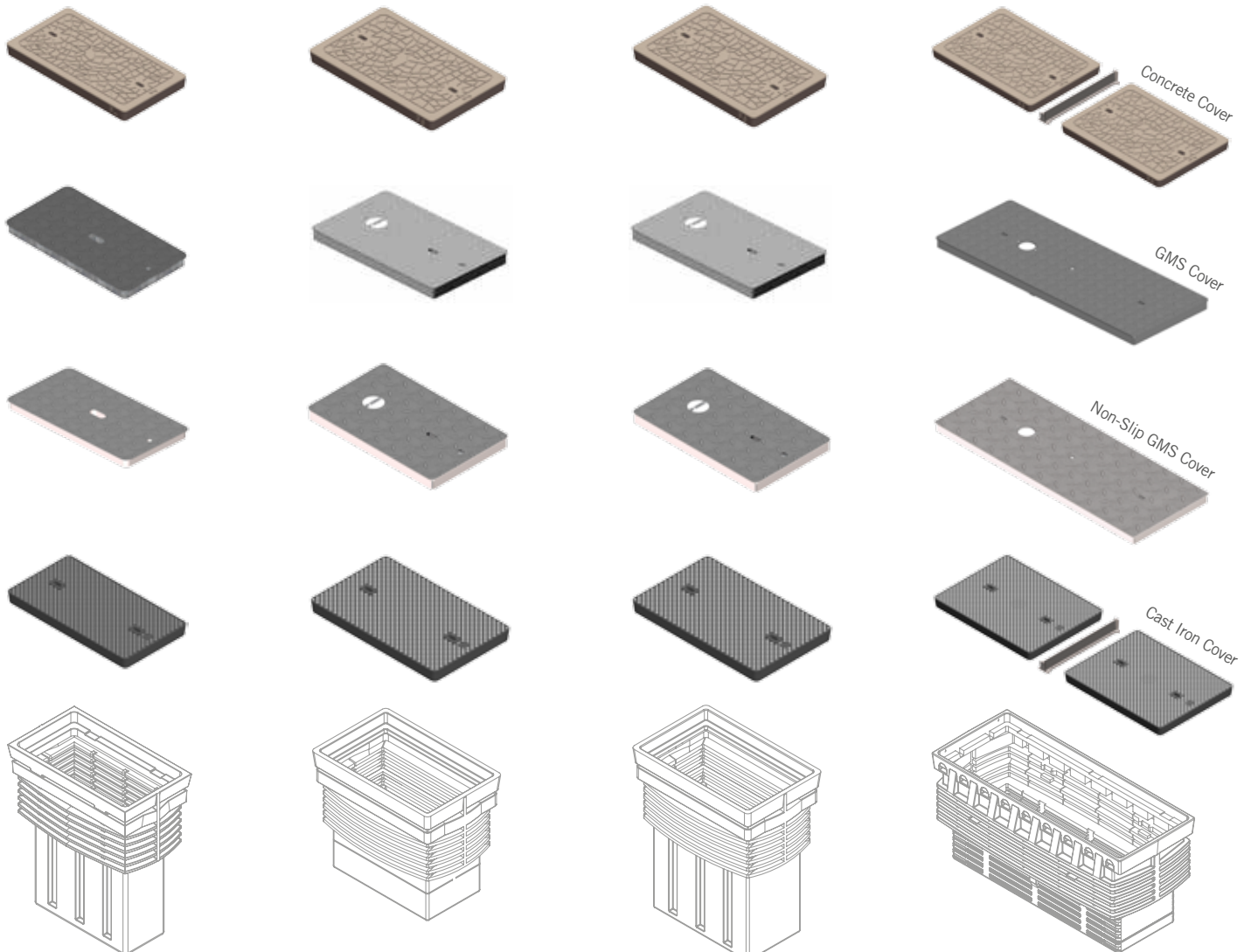
A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Product Code (Pit only)	124000	124050	124015	124020
	P1 Dimensions	P1&3 Dimensions	P2 Dimensions	P3Dimensions
A	516	574	661	785
B	232	344	290	353
C	408	550	580	590
D	410	448	540	678
E	125	210	170	246
F	425	456	550	664
G	140	232	185	232
H	350	500	522	532

Please note: Gasket covers are available for Telstra approved plastic pits.
Plastic riser extensions available for P4, P5 and P6/8 Pits.

Plastic Pit Range

Telecommunications

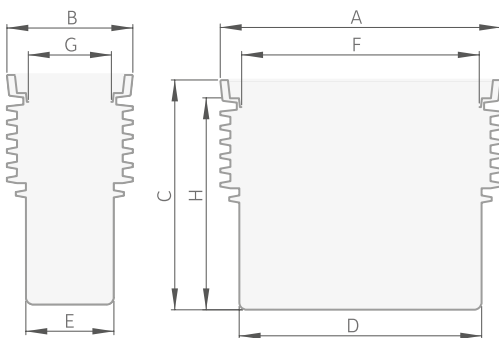


P4 Pit
Product Code 124025
 Approved Pit

P5 Pit
Product Code 124030
 Approved Pit

P5-800 Pit
Product Code 124031

P6 Pit
Product Code 124040
 Approved Pit



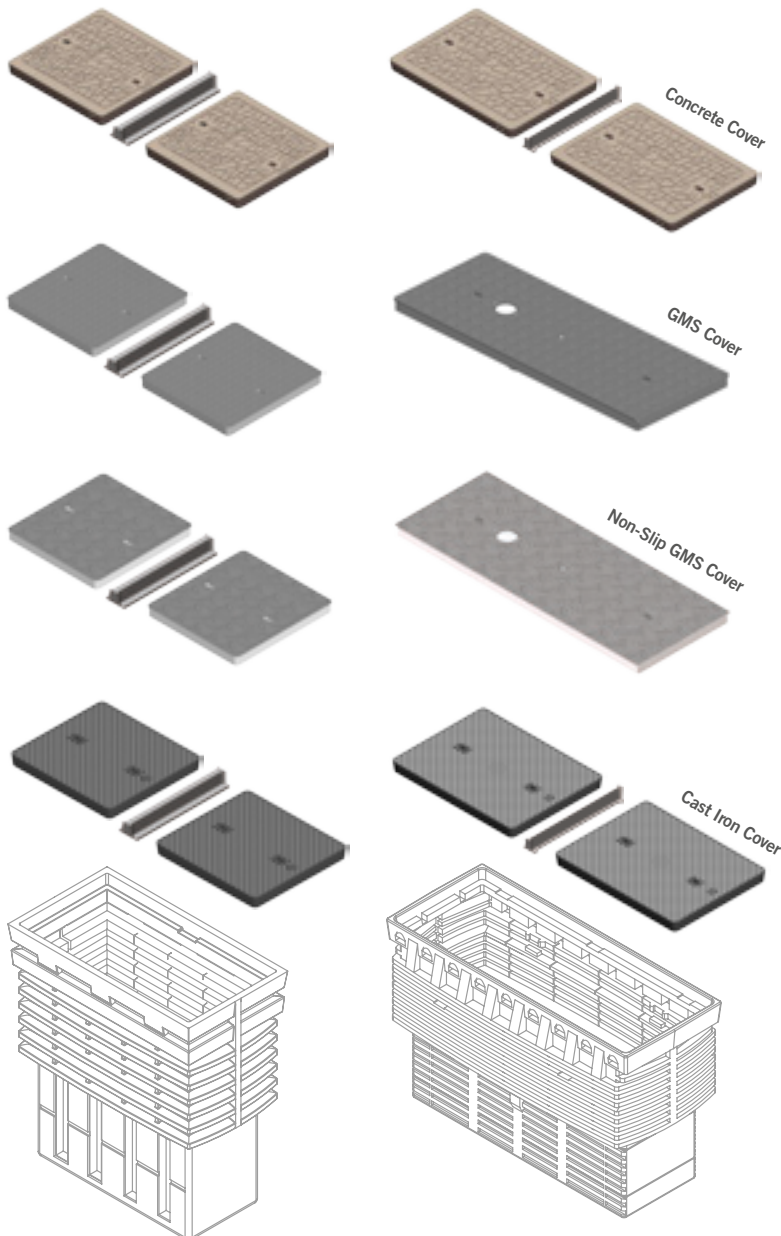
A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Product Code (Pit only)	124025	124030	124031	124040
	P4 Dimensions	P5 Dimensions	P5-800Dimensions	P6 Dimensions
A	704	700	700	1364
B	398	450	450	610
C	830	648	830	660
D	550	574	570	1200
E	240	320	320	410
F	582	580	580	1241
G	277	330	330	431
H	774	592	774	600

Please note: Gasket covers are available for Telstra approved plastic pits.
Riser extensions available for P4, P5 and P6 Pits.

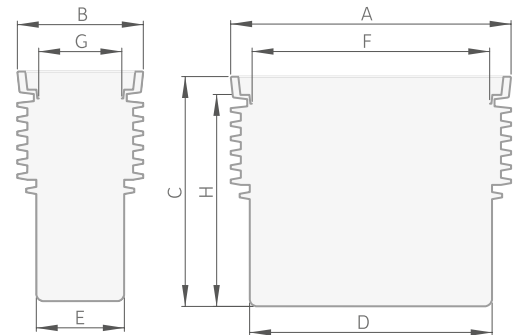
Plastic Pit Range

Telecommunications



P7 Pit
Product Code 124042

P8 Pit
Product Code 124045
 Approved Pit



Product Code (Pit only)	124042	124045
	P7 Dimensions	P8 Dimensions
A	1020	1364
B	560	610
C	1130	880
D	860	1200
E	400	410
F	898	1241
G	440	431
H	1070	820

A x B x C x D x E - Overall Dimensions

F x G x H - Clear Opening Size

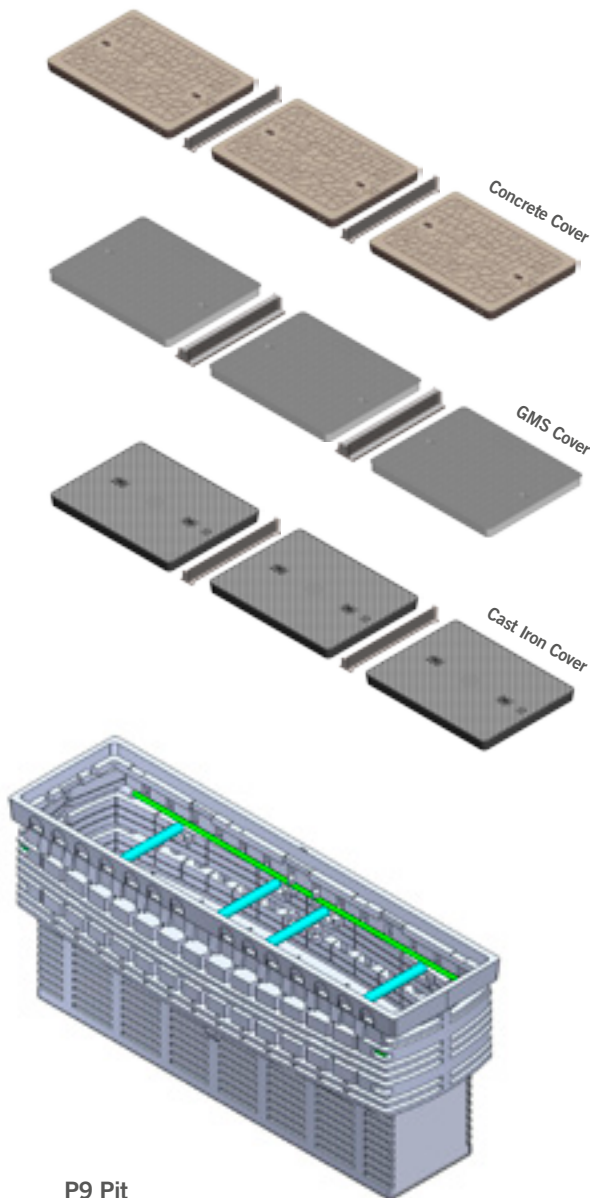
Please note: Gasket covers are available for Telstra approved plastic pits.

Riser extensions available for P8 Pit.

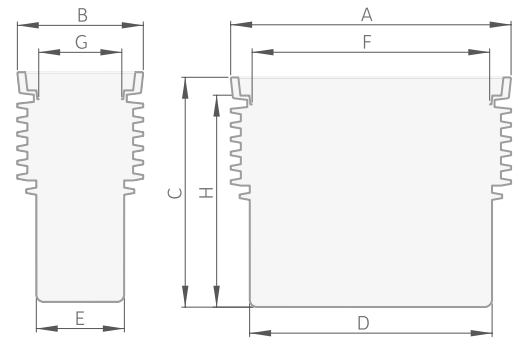
GMS and Cast Iron lids and Concrete Covers are available blank or with standard Electrical and Communication logos. Various company logos are available upon request. Bolt-locking options are available for GMS Covers. Gasket covers available for Telstra approved plastic pits.

Plastic Pit Range

Telecommunications



P9 Pit
Product Code 124046
 Approved Pit



Product Code (Pit only)	124046
P9 Dimensions	
A	2040
B	670
C	920
D	1850
E	423
F	1906
G	425
H	850

A x B x C x D x E - Overall Dimensions

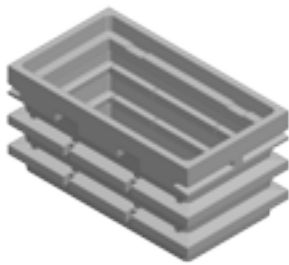
F x G x H - Clear Opening Size

Please note: Gasket covers are available for Telstra approved plastic pits.

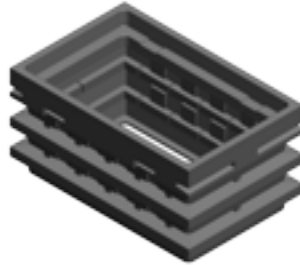
Cast Iron lids and Concrete Covers are available blank or with standard Electrical and Communication logos. Various company logos are available upon request. Gasket covers available for Telstra approved plastic pits. P9 Pit and concrete pit covers are designed and manufactured to NBN and Telstra specifications.

Plastic Pit Risers

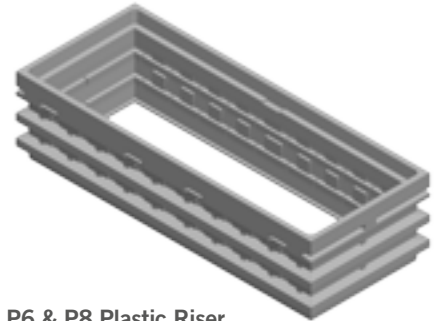
Telecommunications




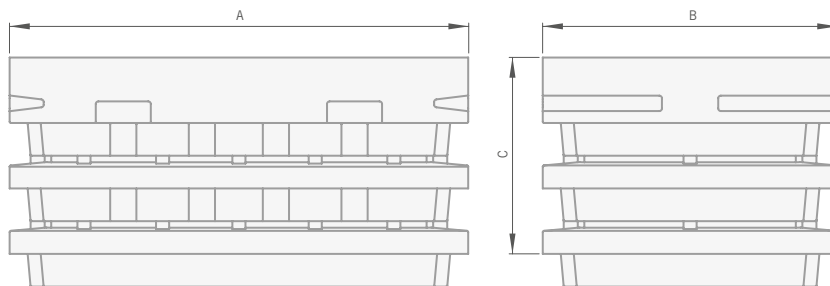
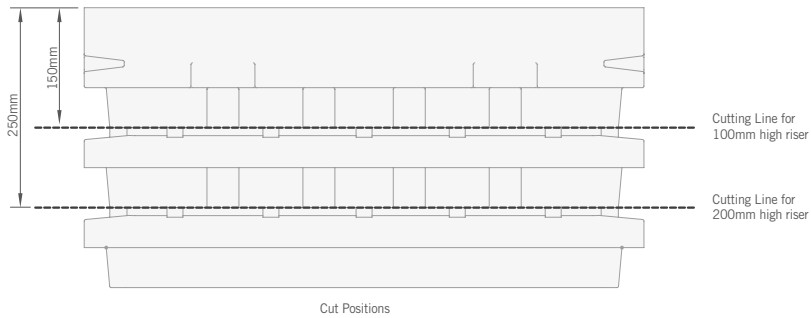
P4 Plastic Riser



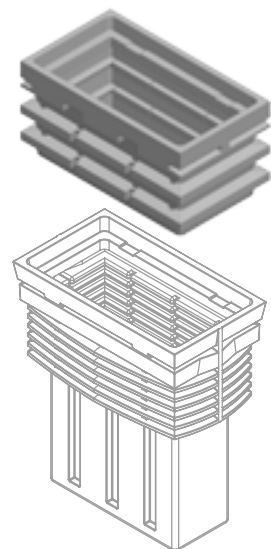
P5 Plastic Riser
 Approved Pit Collar Extension



P6 & P8 Plastic Riser
 Approved Pit Collar Extension



Product Code	124225	124226	124228
Plastic Riser	P4	P5	P6/P8
A	700	700	1366
B	396	450	553
C	300	300	300



Precast Concrete Pit Covers

Telecommunications

Telstra Approved Product Range



P1 Pit Cover
Product Code 521110



P1 & 3 Pit Cover
Product Code 521090



P2 Pit Cover
Product Code 521145



P3 Pit Cover
Product Code 521210



P4 Pit Cover
Product Code 521250



P5 Pit Cover
Product Code 521290



P6 Pit Cover
Product Code 521360



P7 Pit Cover
Product Code 521095



Type B Pit Cover
Product Code 521080



Type C Pit Cover
Product Code 521085

Standard logos ie: Comms/Elec are also available.
BVCI can provide special marking for specific requirements upon request.

Product Code	Product	Length	Width	Thickness	Weight	No. Per Pallet
521110	P1 Pit Cover	473mm	193mm	40mm	8kg	80
521090	P1 & 3 Pit Cover	498mm	270mm	50mm	17kg	40
521145	P2 Pit Cover	616mm	245mm	50mm	17kg	48
521210	P3 Pit Cover	730mm	298mm	50mm	26kg	40
521250	P4 Pit Cover	651mm	346mm	50mm	26kg	40
521290	P5 Pit Cover	648mm	398mm	50mm	30kg	40
521360	P6 Pit Cover	651mm	499mm	50mm	30kg*	30
521095	P7 Pit Cover	467mm	499mm	50mm	28kg	40
521080	Type B	535mm	135mm	40mm	6kg	60
521085	Type C	676mm	169mm	45mm	12kg	60

*P6 - 8 - 9 Telstra cover only at 30kg. All other covers in this size 38kg.

Concrete Collars

Telecommunications

Telstra Approved Product Range



P2 Collar
Product Code 523110



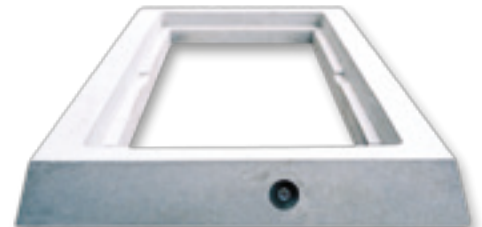
P3 Collar
Product Code 523120



P4 Collar
Product Code 523130



P5 Collar
Product Code 523140



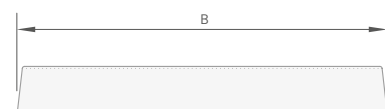
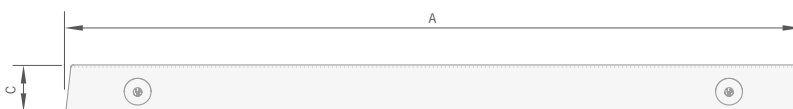
P6 Collar
Product Code 523150



Jointing Post Base
Product Code 521040



Pillar Base
Product Code 521030



Product Code	523110	523120	523130	523140	523150	521040	521030
Concrete Collar	P2	P3	P4	P5	P6/P8	Jointing Post Base	Pillar Base
A	740	850	765	770	1500	455	400
B	365	415	460	510	683	455	400
C	75	75	75	75	100	45	65

Cast Iron Pit Covers

Telecommunications

Telstra Approved Product Range



P1 Pit Cover
Product Code 32199150



P2 Pit Cover
Product Code 32199068L



P2 Pit Cover (locking)
Product Code 32199151



P3 Pit Cover
Product Code 32199069



P3 Pit Cover (locking)
Product Code 32199069L



P4 Pit Cover
Product Code 32199070L



P4 Pit Cover (locking)
Product Code 32199153



P5 Pit Cover
Product Code 32199198L



P5 Pit Cover (locking)
Product Code 32199179

Product Code	Product	Length	Width	Thickness	Weight	No. Per Pallet
32199150	P1 Pit Cover	473mm	193mm	40mm	10kg	10
32199068	P2 Pit Cover	615mm	244mm	46mm	16kg	10
32199151	P2 Pit Cover (locking)	615mm	244mm	46mm	16kg	10
32199069	P3 Pit Cover	729mm	297mm	50mm	20kg	10
32199069L	P3 Pit Cover (locking)	729mm	297mm	50mm	20kg	10
32199070	P4 Pit Cover	650mm	345mm	50mm	23kg	10
32199153	P4 Pit Cover (locking)	650mm	345mm	50mm	24kg	10
32199198	P5 Pit Cover	648mm	398mm	50mm	35kg	10
32199179	P5 Pit Cover (locking)	648mm	398mm	50mm	35kg	10

Please note: All Telstra Cast Iron Pit Covers are Class B Load Rated.

Cast Iron Pit Covers & Crossbars

Telecommunications

Telstra Approved Product Range



P6/8/9 Pit Cover
Product Code 32199071L



Pit 6/8/9 Pit Cover (locking)
Product Code 32199154



Conc. Replacement Cover
Product Code 32175067



Pit 7 Crossbar
Product Code 32199029



Pit 6/8/9 Pit Crossbar
Product Code 32199067

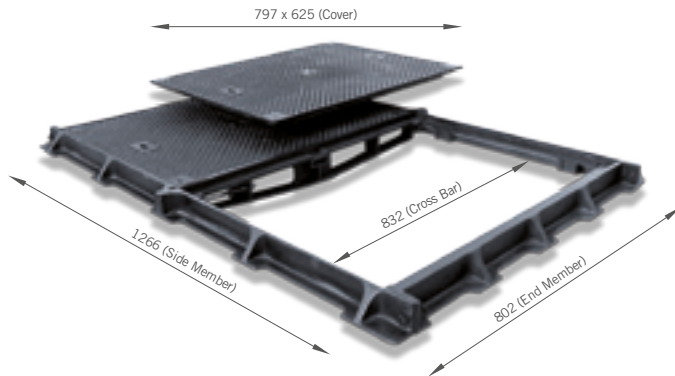
Product Code	Product	Length	Width	Thickness	Weight	No. Per Pallet
32199071	P6/8/9 Pit Cover	650mm	498mm	50mm	34kg	10
32199154	Type JC6/8/9 (locking)	650mm	498mm	50mm	37kg	10
32175067	Conc. Replacement Cover	792mm	620mm	15mm	47kg	10
32199029	Pit 7 Crossbar	500mm	29-76mm	60mm	4kg	100
32199067	Type JC6/8/9 Pit Crossbar	500mm	4-65mm	56mm	3kg	200

Please note: All Telstra Cast Iron Pit Covers are Class B Load Rated.

Cast Iron Multi-Part Assemblies

Telecommunications

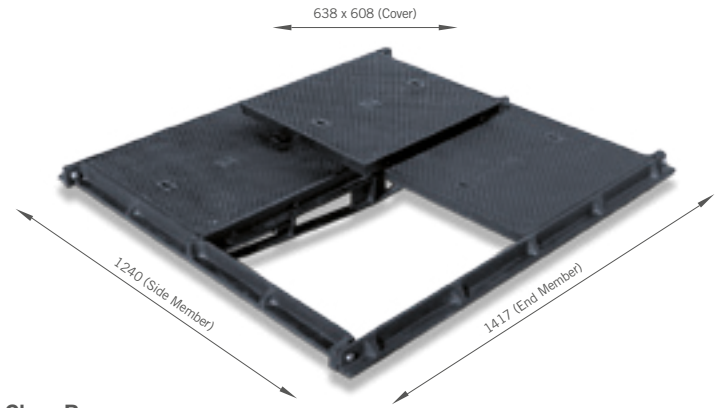
Telstra Approved Product Range



Class B
2 Part Cover Assembly
Product Code 32175099

Cover Product Code 32175021
Cross Bar Product Code 32175092

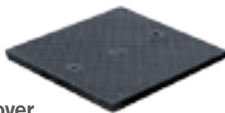
Available only in full assembled assembly



Class B
4 Part Cover Assembly
Product Code 32175133

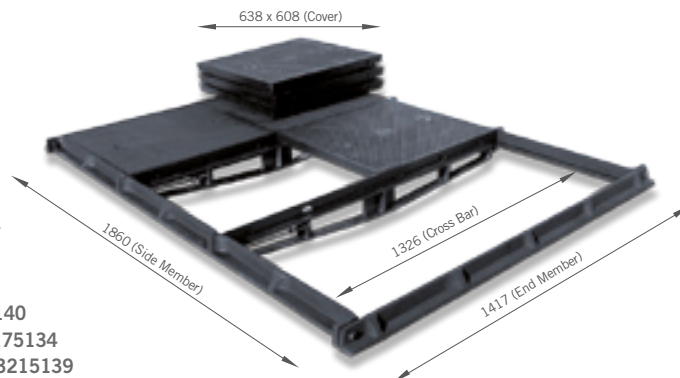
Cover Product Code 32175140
Cross Bar Product Code 32175134
End Member Product Code 3215139
Side Member Product Code 32175096

Class B
Cast iron Cover
Product Code 32175140



Product Code	Product	Length	Width
32175021 (32175124 Locking Cover)	Cast iron Cover (2 part cover assembly)	797mm	625mm
32175140	Cast iron Cover (4 or 6 part cover assembly)	638mm	608mm

Individual assembly sections available for 4 part and 6 part product including side members, end members, cross bars and covers.



Class B
6 Part Cover Assembly
Product Code 32175600

Cover Product Code 32175140
Cross Bar Product Code 32175134
End Member Product Code 3215139
Side Member Product Code 32175092

Product Code	Product	Length	Width	Thickness	Weight	No. Per Pallet
32175099	2 Part Cover Assembly	758mm	1200mm	15mm	155kg	5
32175133	4 Part Cover Assembly	1216mm	1272mm	45mm	250kg	1
32175600	6 Part Cover Assembly	1216mm	1810mm	45mm	275kg	1

Recessed Cover Assemblies

Telecommunications

P5 Recessed Cover Assemblies

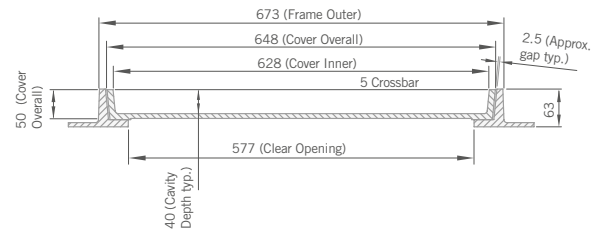
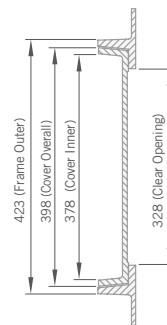
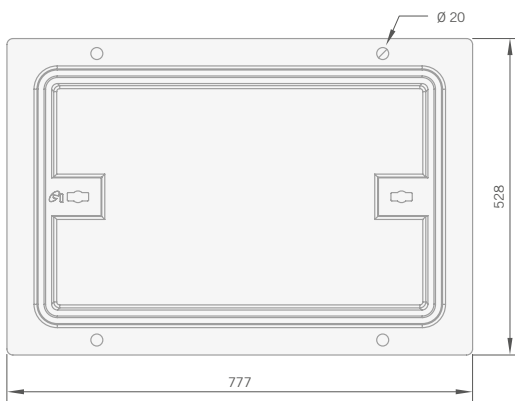
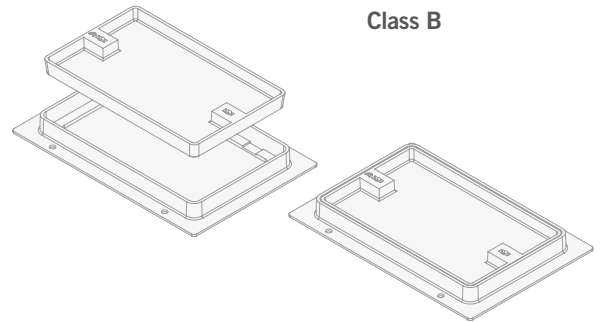
With Frame Product Code 3219WT5

Telstra Approved Product

Class B



Weight: 70kg

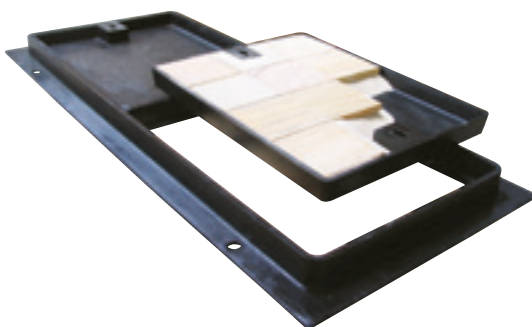


P6/8 Recessed Cover Assemblies

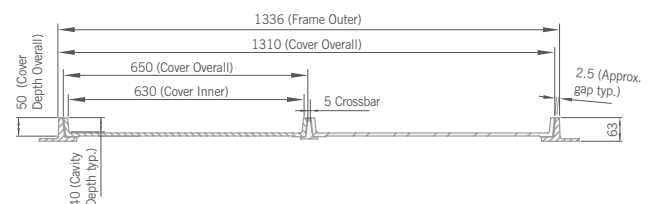
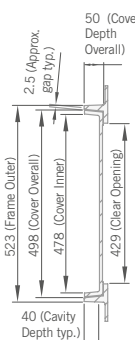
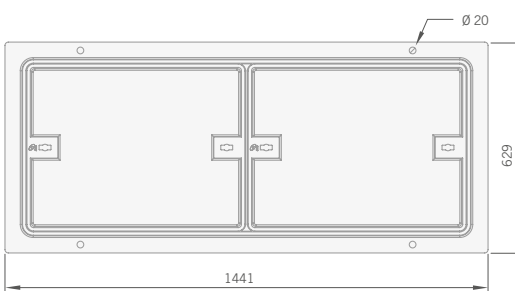
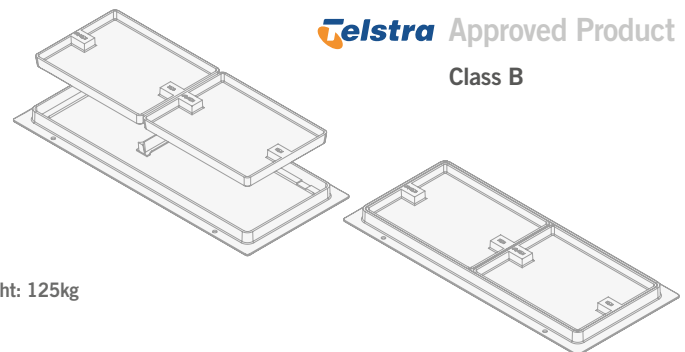
With Frame Product Code 3219WT6

Telstra Approved Product

Class B



Weight: 125kg



Concrete Cable Pits

Telecommunications



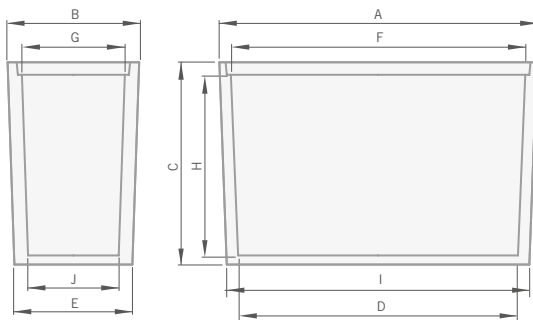
J8 Pit
Product Code 524160
 Approved Pit



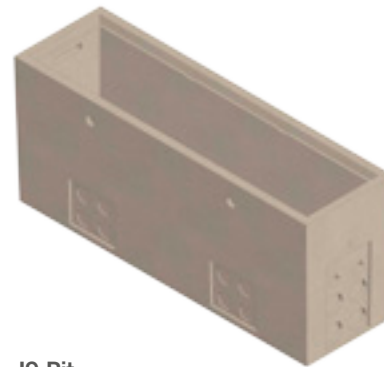
Universal 8 Slotted Pit (No floor)
Product Code 524140S



Universal 8 Pit
Product Code 524140



A x B x C x D x E - Overall Dimensions
F x G x H x I x J - Clear Opening Size



J9 Pit
Product Code 524190
 Approved Pit

Product Code	524160	524140	524190
Dimensions	J8	Universal 8	*J9
A	1439	1395	2075
B	619	580	605
C	948	900	900
D	1250	1330	2040
E	443	520	575
F	1269	1269	1925
G	479	459	460
H	849	800	800
I	1149	1210	1890
J	339	400	428

Please note: Gaskets are available for this range of concrete pits.

Concrete Manholes

Telecommunications

Manhole PF4N

Product Code 522100

Telstra Approved Product



Description and application

Underground concrete manhole

2600 x 1240 x 1490 High Outside

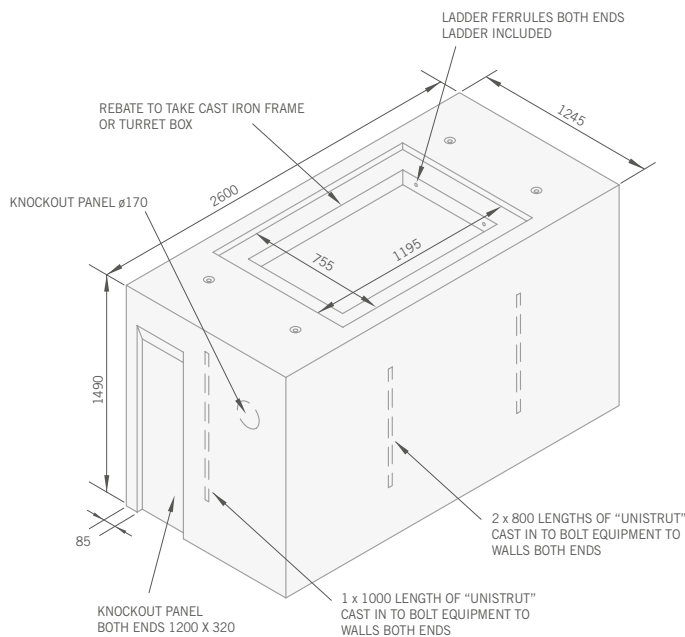
2460 x 1100 x 1325 High Inside

Serial/item no. S75/54

Weight: 3330kg

1. Rebate cast in top ready for 75/18 cast iron frame or alternative separate precast turret.
2. Ladder fixing ferrules at both ends of opening, 530 apart.

PF4N available with or without turret and or floor.



Manhole PF4TF

Product Code 522130

Telstra Approved Product



Description and application

Underground concrete manhole

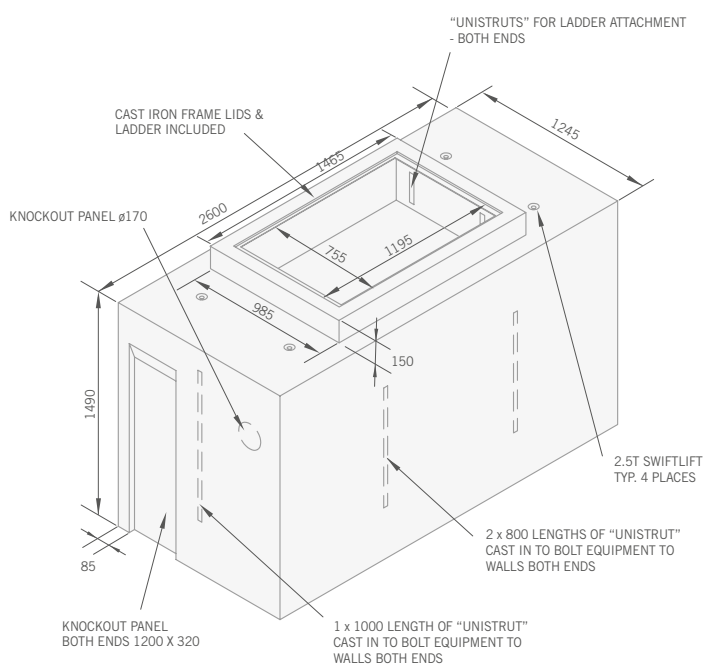
Serial/item no. S75/71

Weight: 4250kg

This manhole is the same as type PF4N, but has a floor, turret and lids.

This product is suitable where a slim surround is shown at footpath level

Please note: overall height including turret is 1640mm.



THIS UNIT IS SUITABLE WHERE A SLIM SURROUND IS SHOWN AT FOOTPATH LEVEL

Concrete Manholes

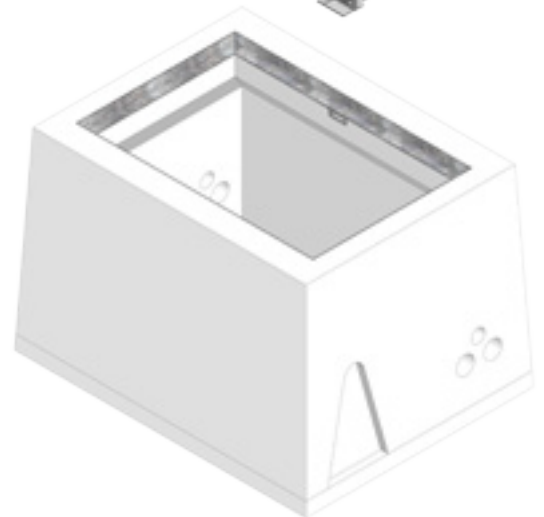
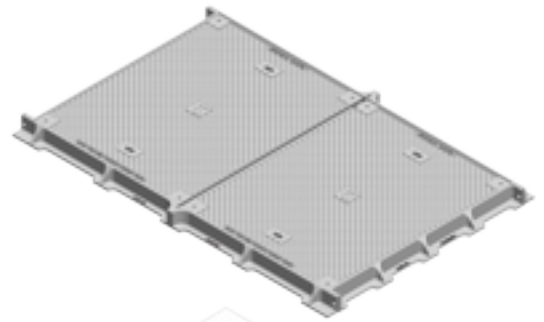
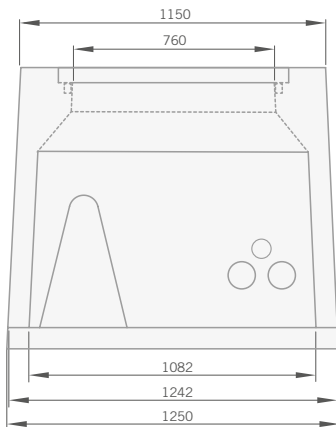
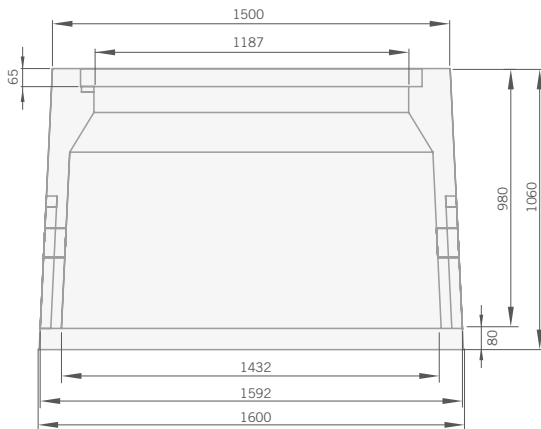
Telecommunications

Manhole Type A

Product Code 522370

Telstra Approved Product

Class B



Weight: 1750kg

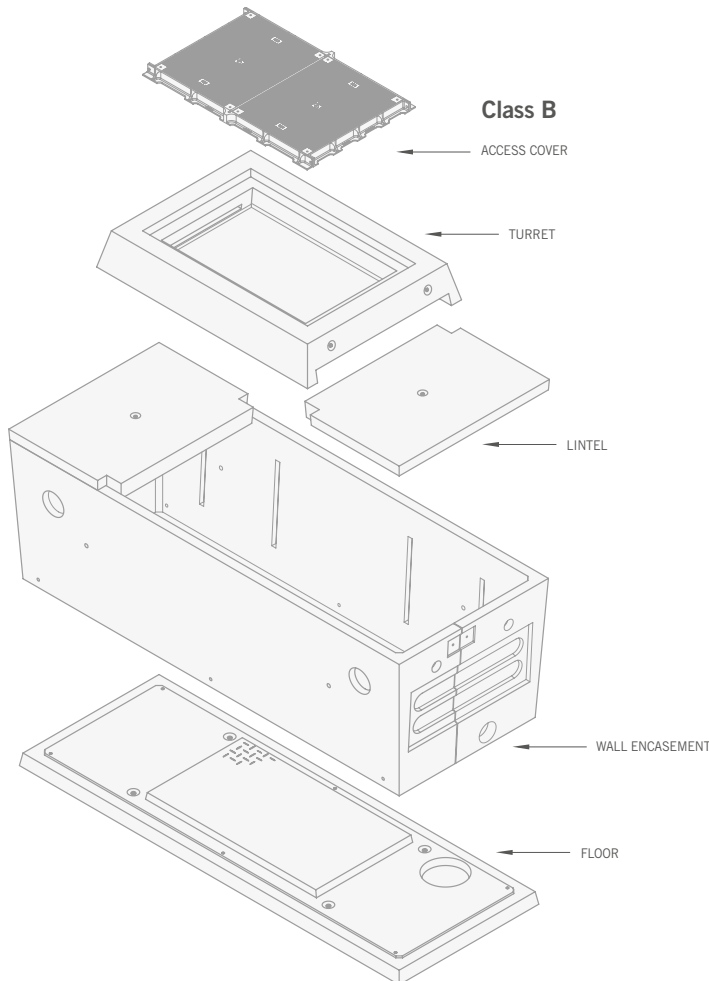
Concrete Manholes

Telecommunications

Manhole Type B Split Pit

Product Code 522372

Telstra Approved Product



Description and application

Underground concrete manhole

Serial/item no. S75/116

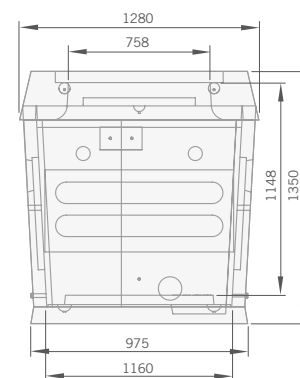
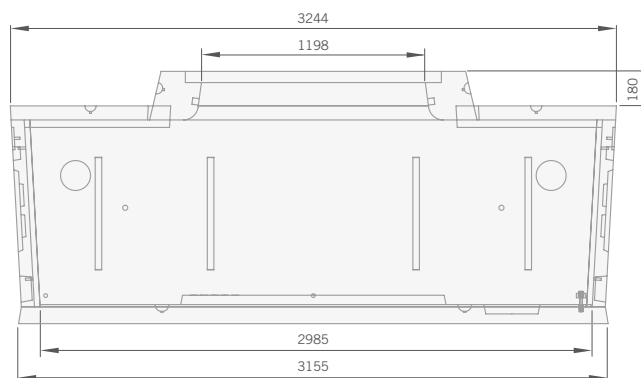
Weight: 4000kg

3244 x 1280 x 1350 Outside Dimension

2985 x 990 x 948 Inside Dimension

Standard turret: 180mm

Other heights made to order.



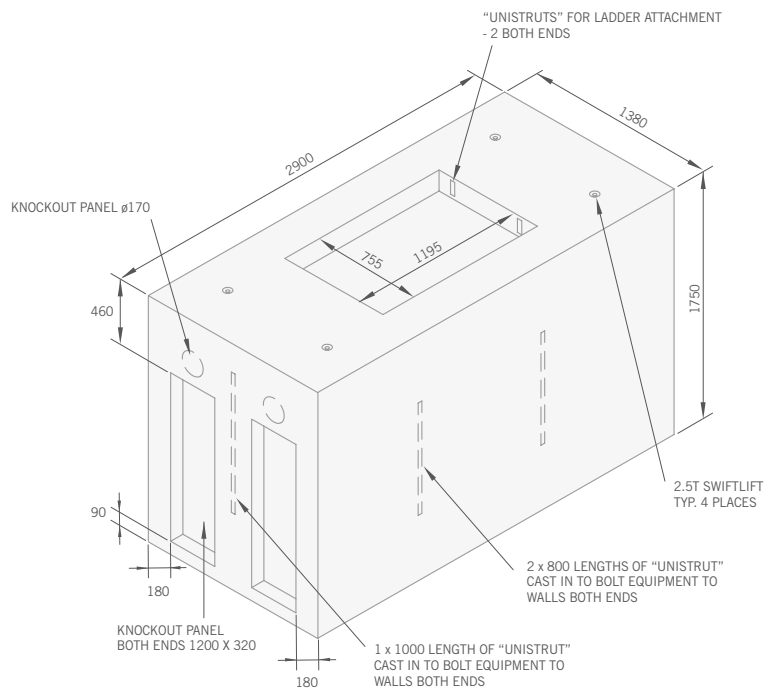
Concrete Manholes

Telecommunications

Manhole PF12

(2900 x 1380) Product Code 522150

Telstra Approved Product



Description and application

Underground concrete manhole

Serial/item no. S75/56

Weight: 4600kg

2900 x 1380 x 1750 High Outside

2710 x 1190 x 1600 High Inside

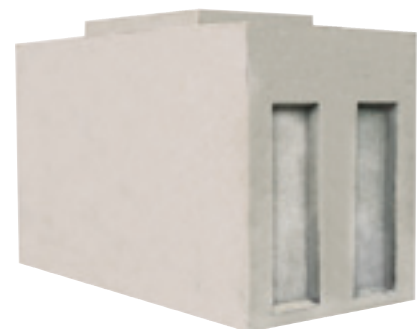
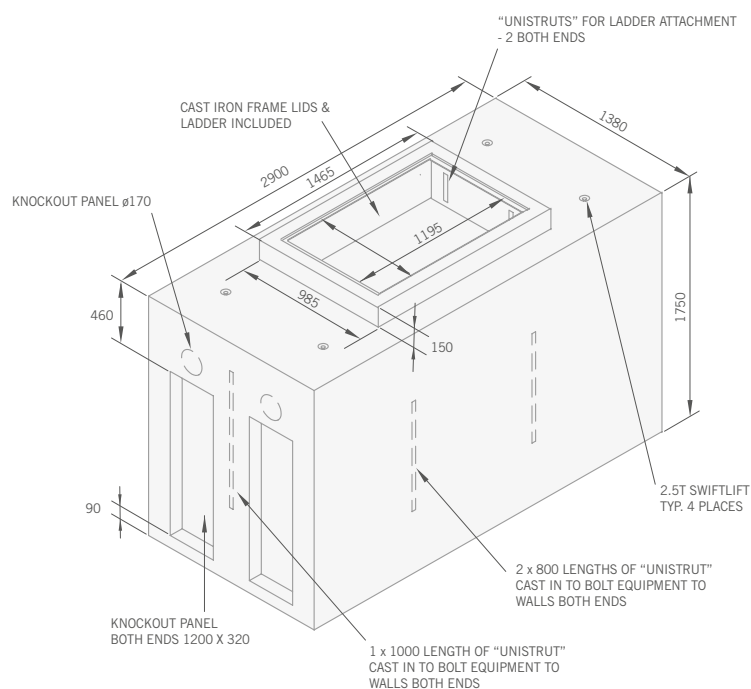
Standard turret: 150mm

Other heights made to order.

Manhole PF12TF

(2900 x 1380) Product Code 522180

Telstra Approved Product



Description and application

Underground concrete manhole

Serial/item no. S75/56

Weight: 5400kg

This manhole is the same as type PF12, but has a turret.

Please note: overall height including turret is 1900mm.

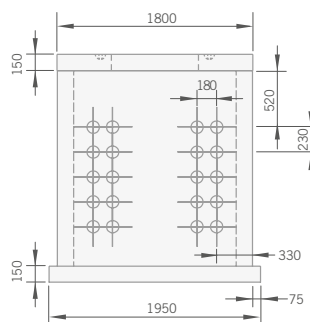
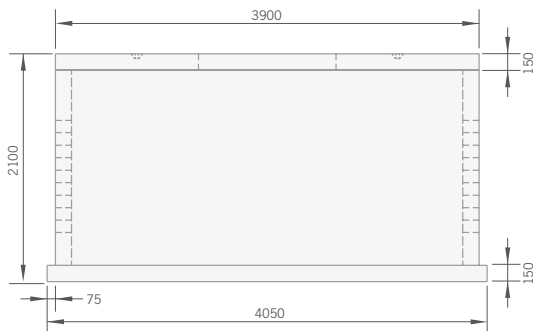
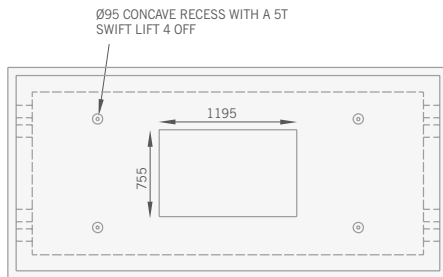
Concrete Manholes

Telecommunications

Manhole PF20 Precast

Product Code 522190

Telstra Approved Product



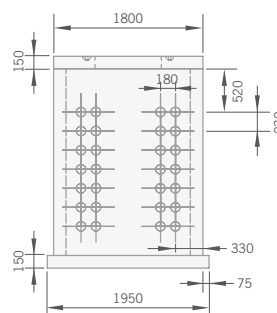
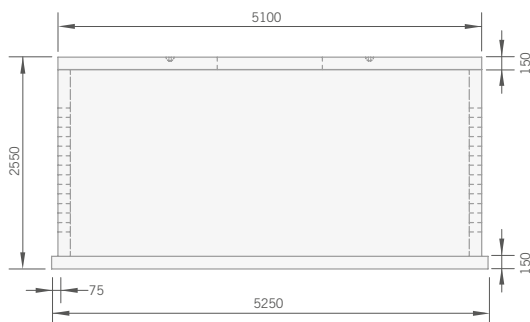
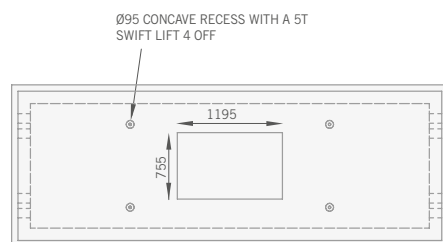
Weight: 12.5 tonnes

Please note: 1490 x 1025 turrets available with standard 150mm heights.

Manhole PF28 Precast

Product Code 522230

Telstra Approved Product



Weight: 14.5 tonnes

Please note: 1490 x 1025 turrets available with standard 150mm heights.

Please note: PF20 and PF28 manufactured to order only.

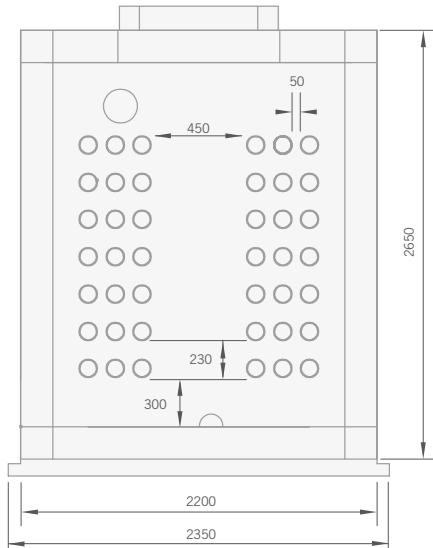
Concrete Manholes

Telecommunications

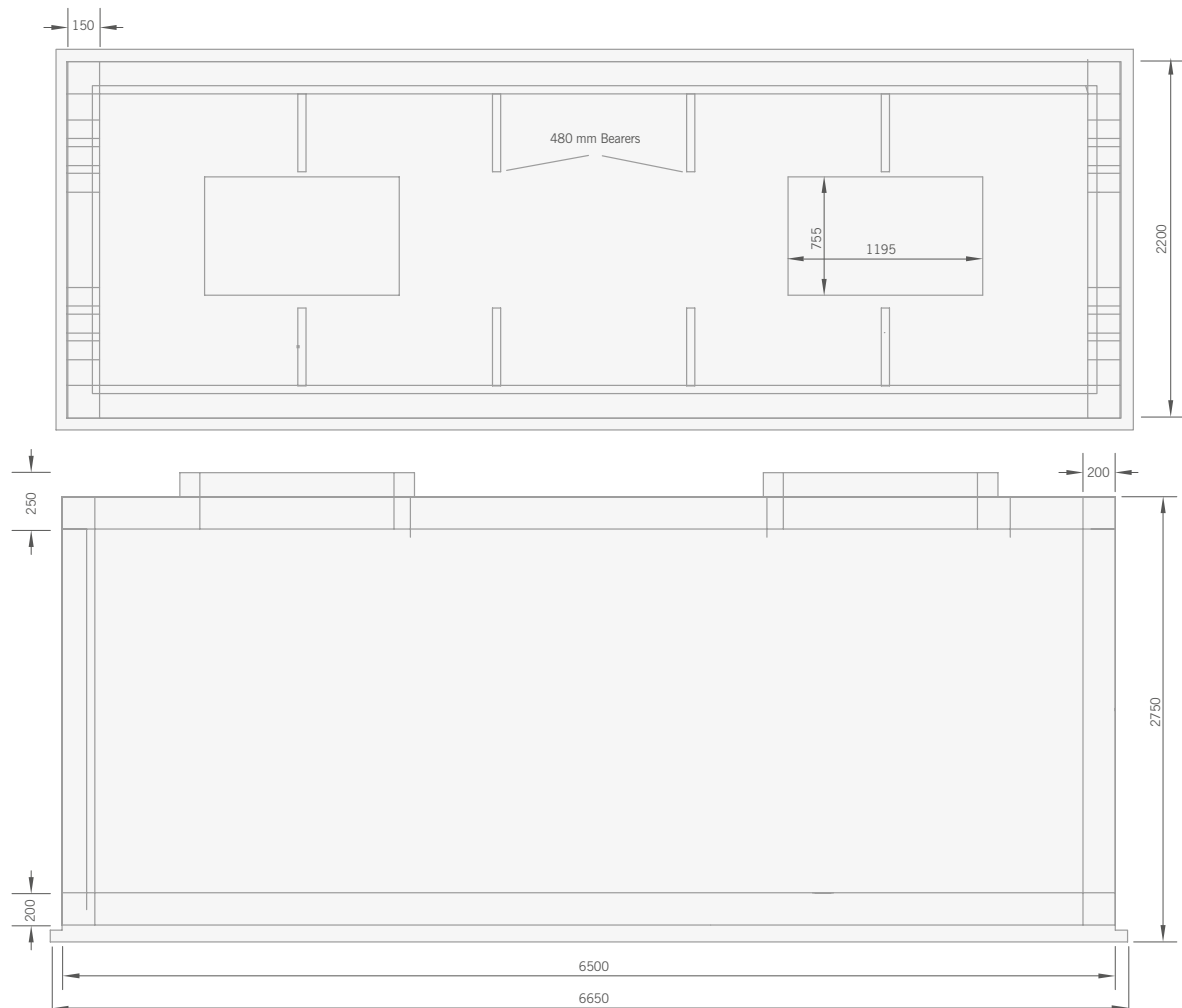
Manhole PF42

Product Code 522265

Telstra Approved Product



Please note: 1490 x 1025 turrets available with standard 150mm heights.



Please note: Manufactured to order only.

Electrical/Communications]

BVCI have specialised in manufacturing and servicing the Electrical and Communications industries for over 35 years. BVCI have worked closely with industry in the development of a range of plastic and pre-cast concrete cable pits. These, together with a broad range of access covers to suit the pits, including full pre-cast concrete roof encasements incorporating access covers, has provided BVCI with a market position to service most opportunities.

BVCI plastic pits (P1 to P9) are load tested to "Telcordia" specification and are Telstra approved. The BVCI range of pre-cast concrete pits are proven for strength and durability and are structurally designed and reinforced for loads to meet the application.

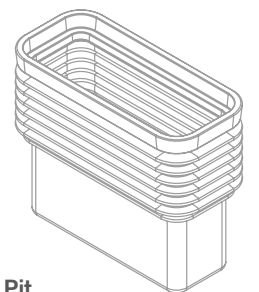
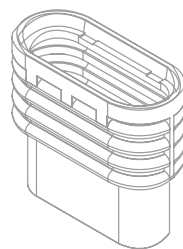
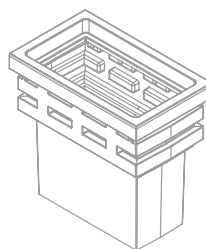
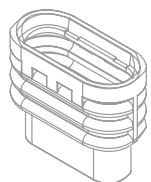
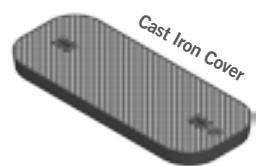
BVCI operate under strict quality standards and are certified to AS/NZS ISO 9001-2008 Certification number 6430

The range of products offered by BVCI includes product to meet all categories for Electrical and Communications as outlined in the various industry sectors formulating this BVCI Product Catalogue from pre-cast concrete, plastics, and metals (access covers).

BVCI have a full range of plastic pit and pre-cast concrete pit covers to meet the NBNC Co Guideline specifications.

BVCI offer a standard range of pre-cast concrete cable pits up to 1500x1500x1500 internal dimensioned, a size not generally available as a standard product size. Larger pits are available to order, together with pre-cast roof assemblies to suit or as separate items to fit existing pit installations.

Electrical/Communications

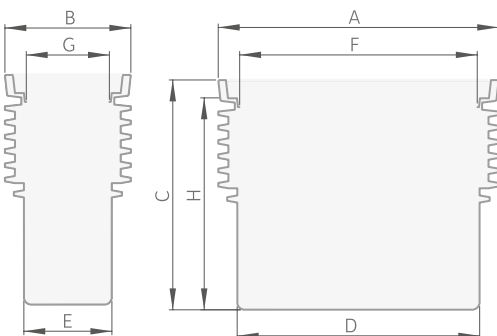


P1 Pit
Product Code 124000
 Approved Pit

P1 & 3 Pit
Product Code 124050

P2 Pit
Product Code 124015
 Approved Pit

P3 Pit
Product Code 124020
 Approved Pit

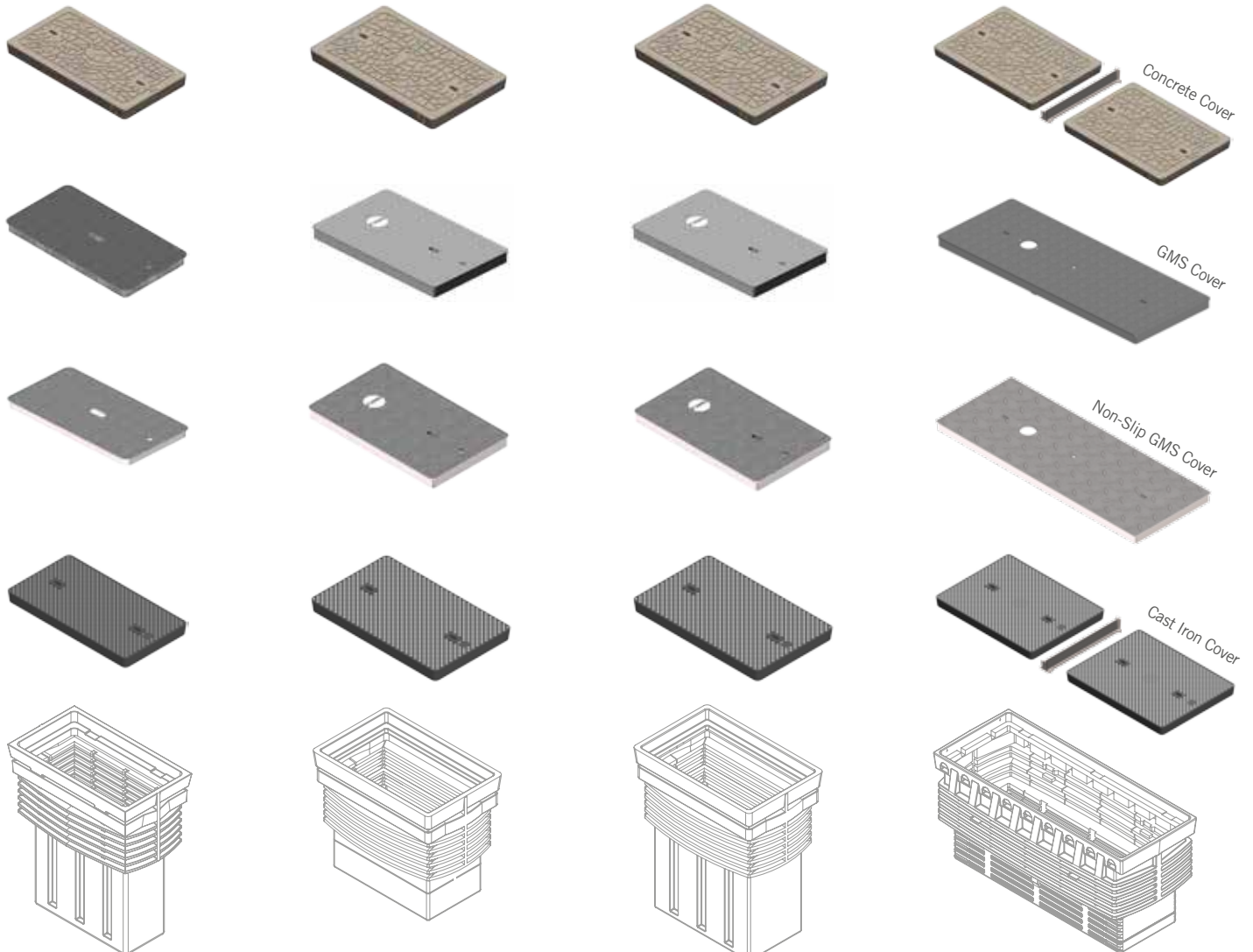


A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Product Code (Pit only)	124000	124050	124015	124020
	P1 Dimensions	P1&3 Dimensions	P2 Dimensions	P3Dimensions
A	516	574	661	785
B	232	344	290	353
C	408	550	580	590
D	410	448	540	678
E	125	210	170	246
F	425	456	550	664
G	140	232	185	232
H	350	500	522	532

Please note: Gasket covers are available for Telstra approved plastic pits.
Plastic riser extensions available for P4, P5 and P6/8 Pits.

Electrical/Communications

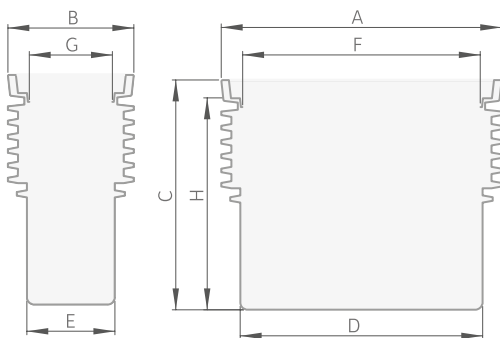


P4 Pit
Product Code 124025
Telstra Approved Pit

P5 Pit
Product Code 124030
Telstra Approved Pit

P5-800 Pit
Product Code 124031

P6 Pit
Product Code 124040
Telstra Approved Pit

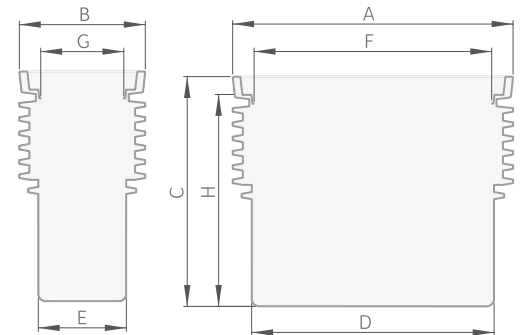
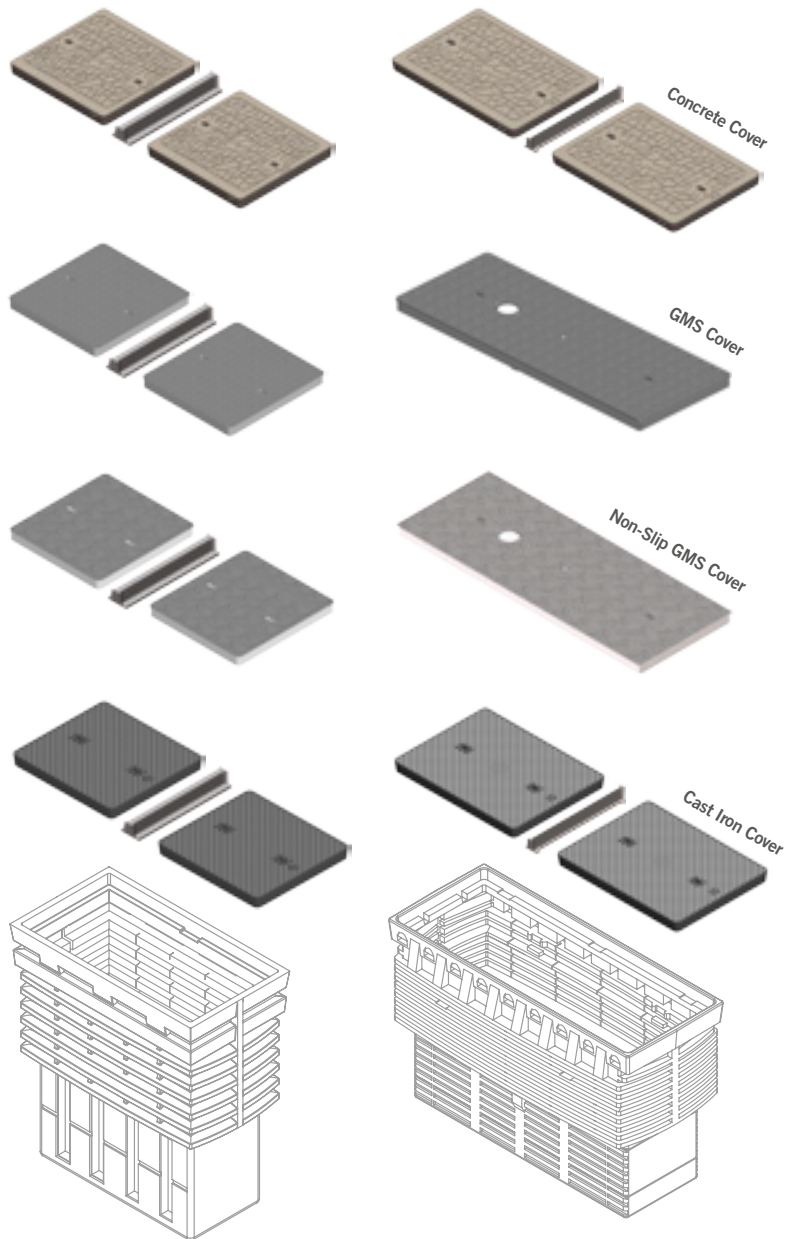


A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Product Code (Pit only)	124025	124030	124031	124040
	P4 Dimensions	P5 Dimensions	P5-800Dimensions	P6 Dimensions
A	704	700	700	1364
B	398	450	450	610
C	830	648	830	660
D	550	574	570	1200
E	240	320	320	410
F	582	580	580	1241
G	277	330	330	431
H	774	592	774	600

Please note: Gasket covers are available for Telstra approved plastic pits.
Riser extensions available for P4, P5 and P6 Pits.

Electrical/Communications



Product Code (Pit only)	124042	124045
	P7 Dimensions	P8 Dimensions
A	1020	1364
B	560	610
C	1130	880
D	860	1200
E	400	410
F	898	1241
G	440	431
H	1070	820

A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

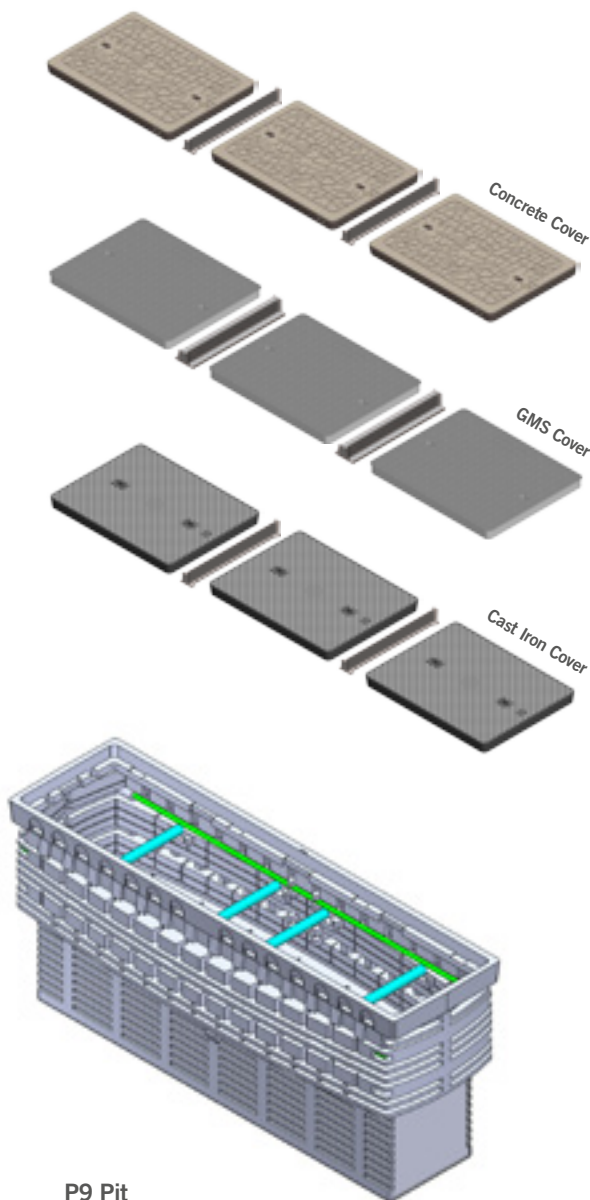
Please note: Gasket covers are available for Telstra approved plastic pits.
Riser extensions available for P8 Pit.

P7 Pit
Product Code 124042

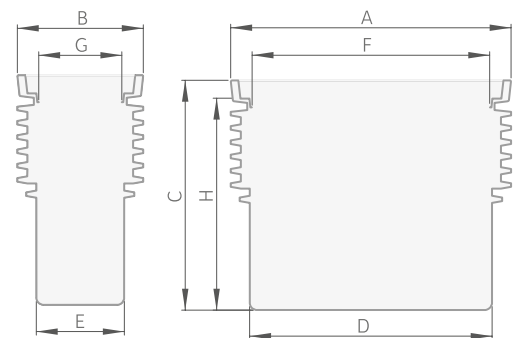
P8 Pit
Product Code 124045
 Approved Pit

GMS and Cast Iron lids and Concrete Covers are available blank or with standard Electrical and Communication logos.
Various company logos are available upon request. Bolt-locking options are available for GMS Covers.
Gasket covers available for Telstra approved plastic pits

Electrical/Communications



P9 Pit
Product Code 124046
 Approved Pit



Product Code (Pit only)	124046
P9 Dimensions	
A	2040
B	670
C	920
D	1850
E	423
F	1906
G	425
H	850

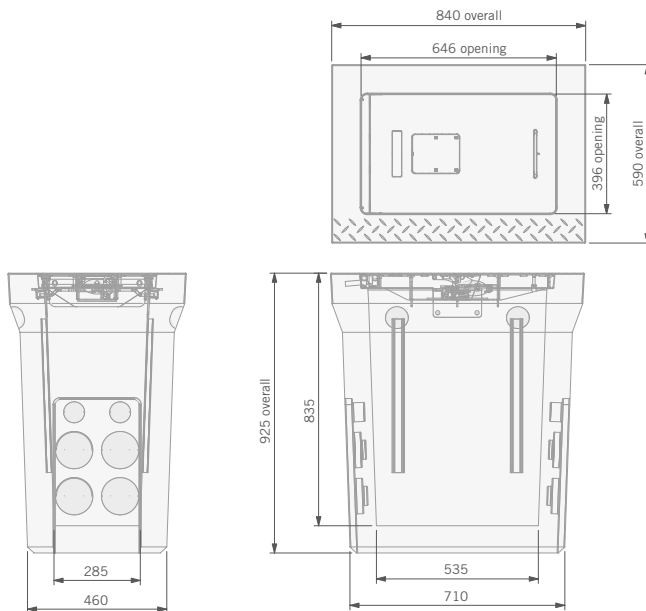
A x B x C x D x E - Overall Dimensions

F x G x H - Clear Opening Size

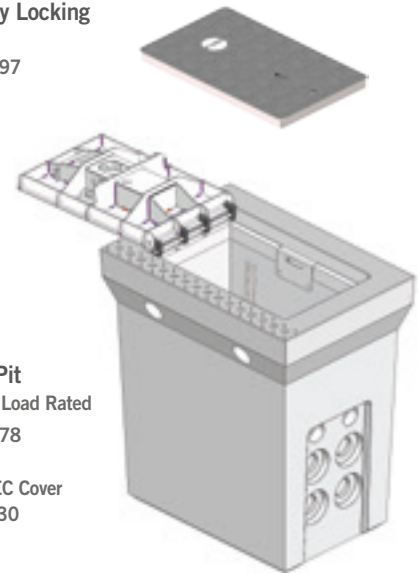
Please note: Gasket covers are available for Telstra approved plastic pits.

Cast Iron lids and Concrete Covers are available blank or with standard Electrical and Communication logos. Various company logos are available upon request. Gasket covers available for Telstra approved plastic pits. P9 Pit and concrete pit covers are designed and manufactured to NBN and Telstra specifications.

Electrical/Communications

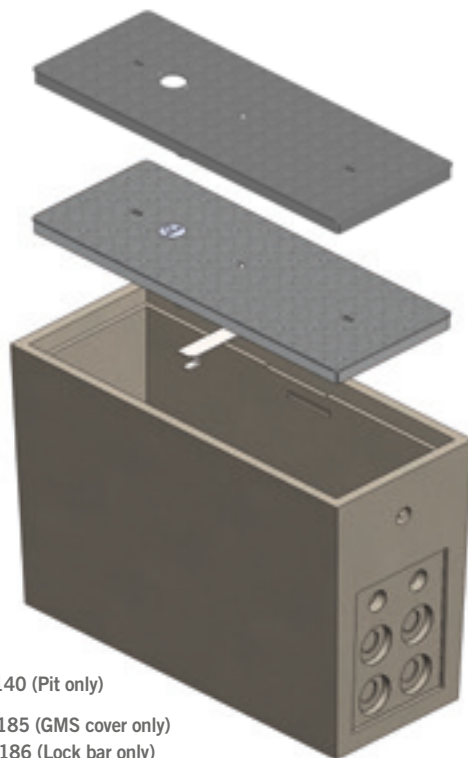


**Class B Allen Key Locking
GMS Cover**
Product Code 521297



C5/J5 Concrete Pit
Heavy Duty Class D Load Rated
Product Code 522378

Hinged Class D SCEC Cover
Product code 330130



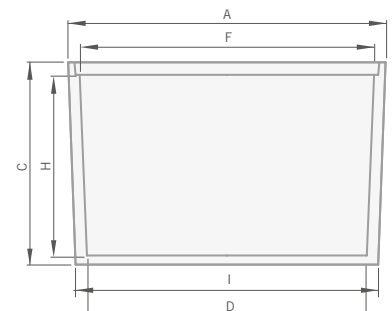
Universal 8 Pit
Product Code 524140 (Pit only)

Product code: 524185 (GMS cover only)
Product Code: 524186 (Lock bar only)

Separate lock box style cover assembly also available.

A x B x C x D x E - Overall Dimensions
F x G x H x I x J - Clear Opening Size

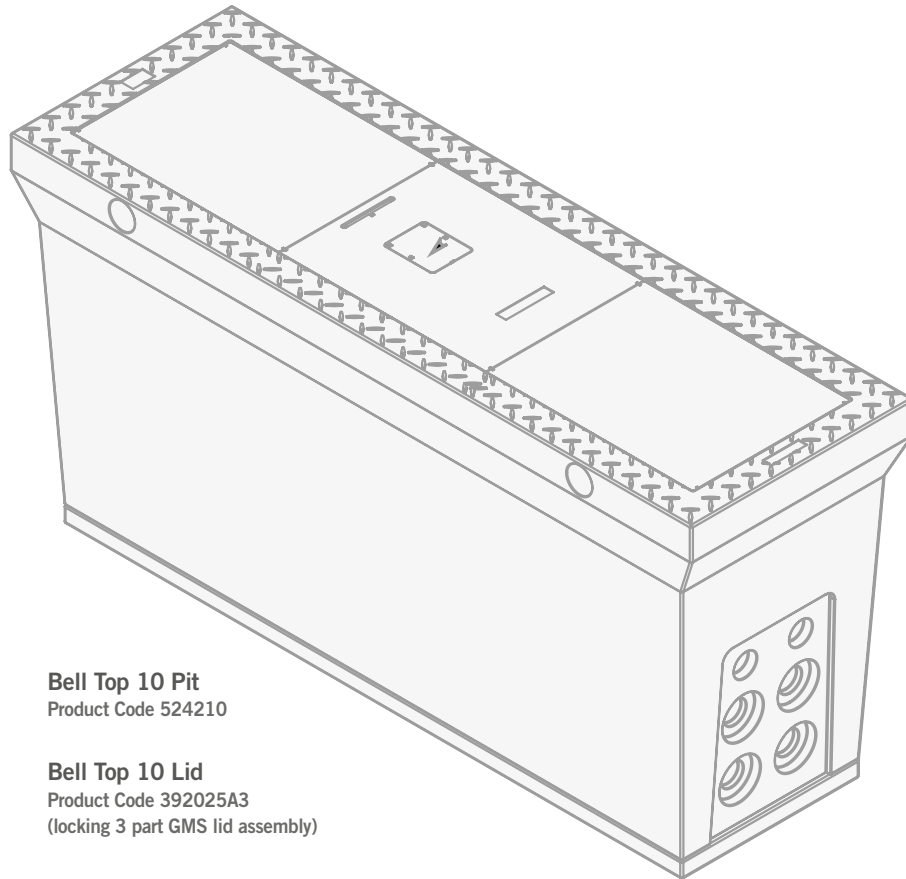
Product Code	524160
Dimensions	Universal 8
A	1439
B	619
C	948
D	1250
E	443
F	1269
G	479
H	849
I	1149
J	339



GMS locking Class B Cover as shown (Allen Key Bolt Lock style). Separate Lock Box style also available.
Standard logo in GMS cover for Communications or Electrical. Special logo designs also available on request.

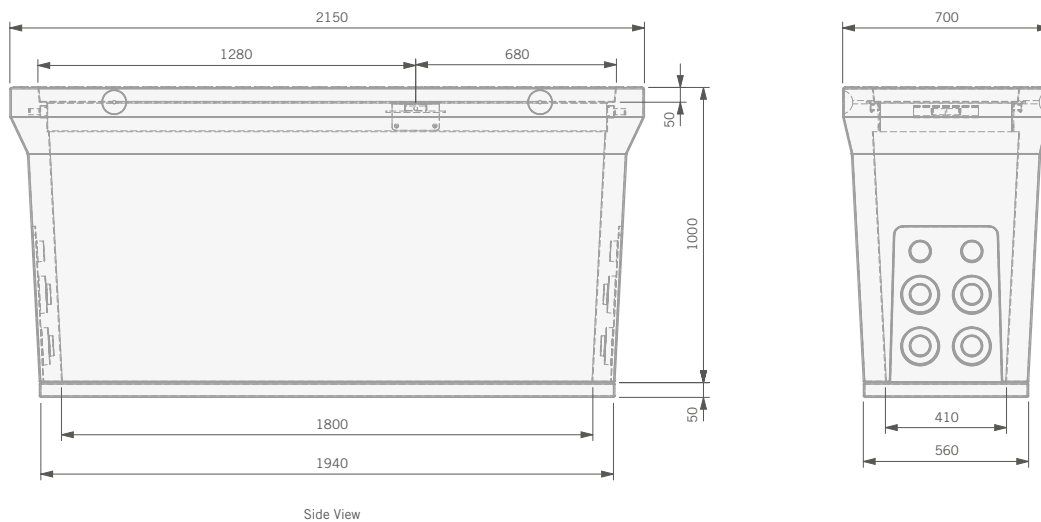
Electrical/Communications

Bell Top 10



Bell Top 10 Pit
Product Code 524210

Bell Top 10 Lid
Product Code 392025A3
(locking 3 part GMS lid assembly)

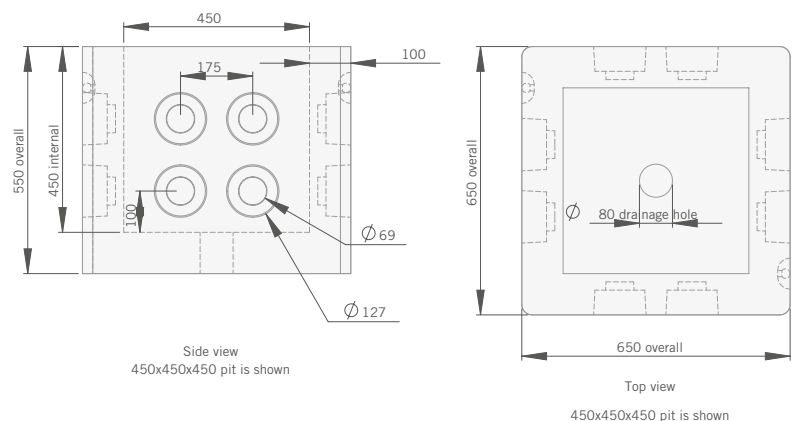
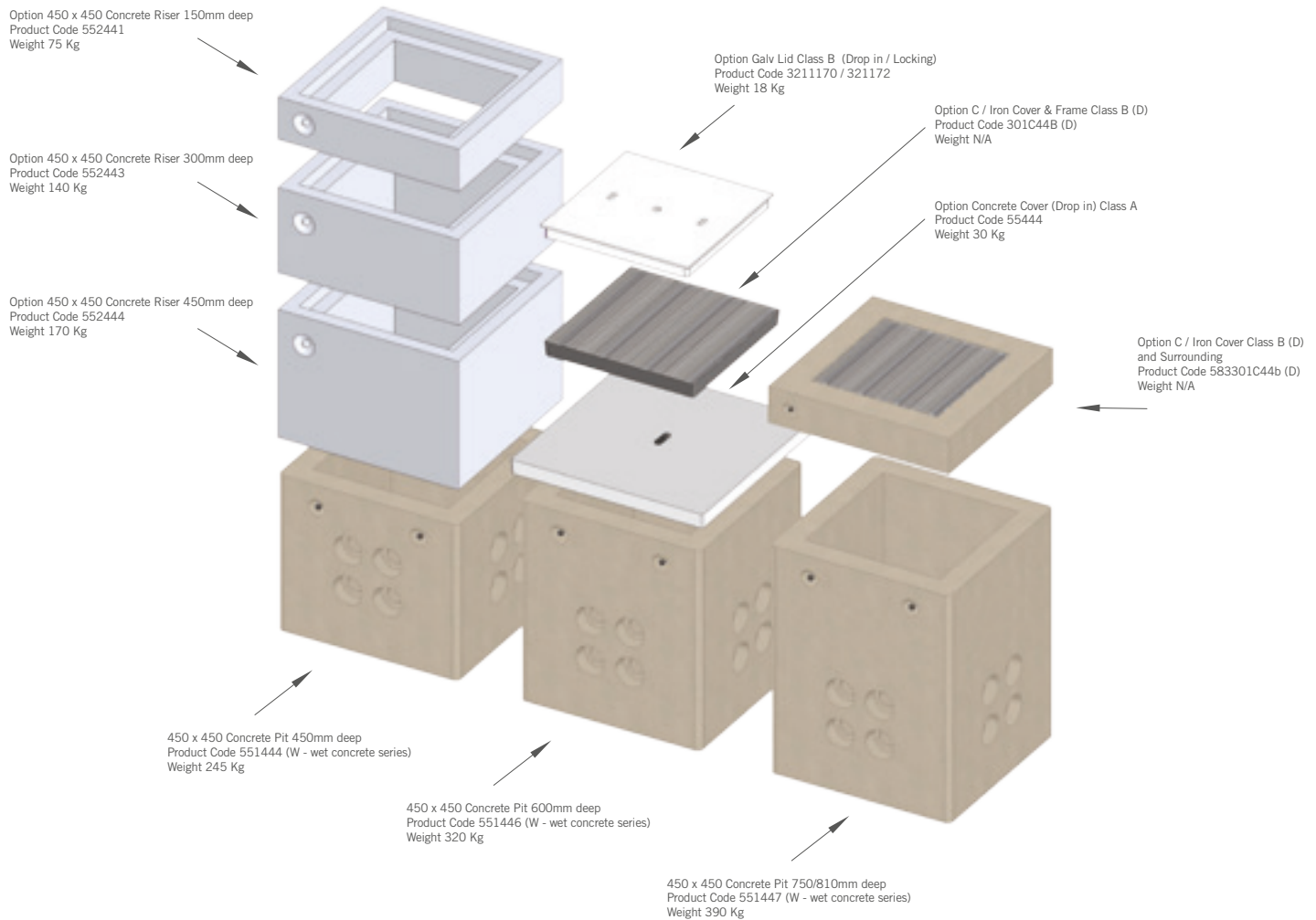


Please note: Bell Top 10 Cable Pit designed for heavy duty installations. Lid (Cover) options include security locking as shown.

Electrical/Communications

Pit 450 x 450 Concrete

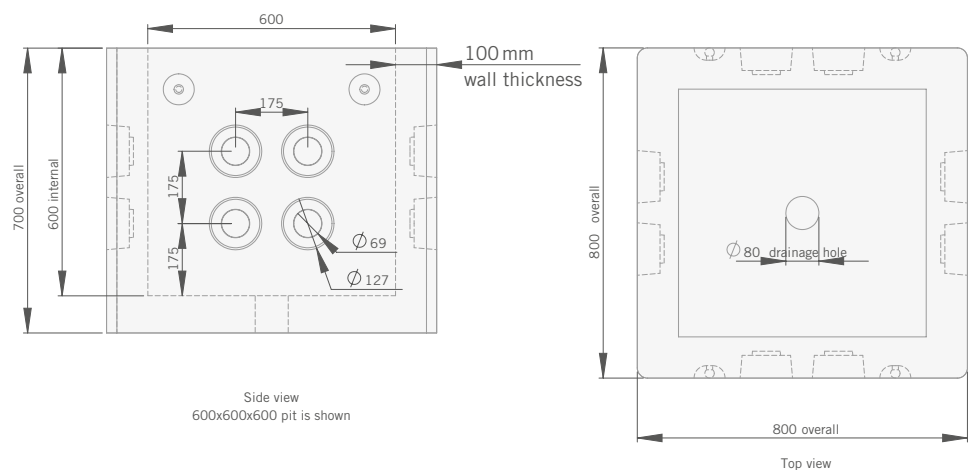
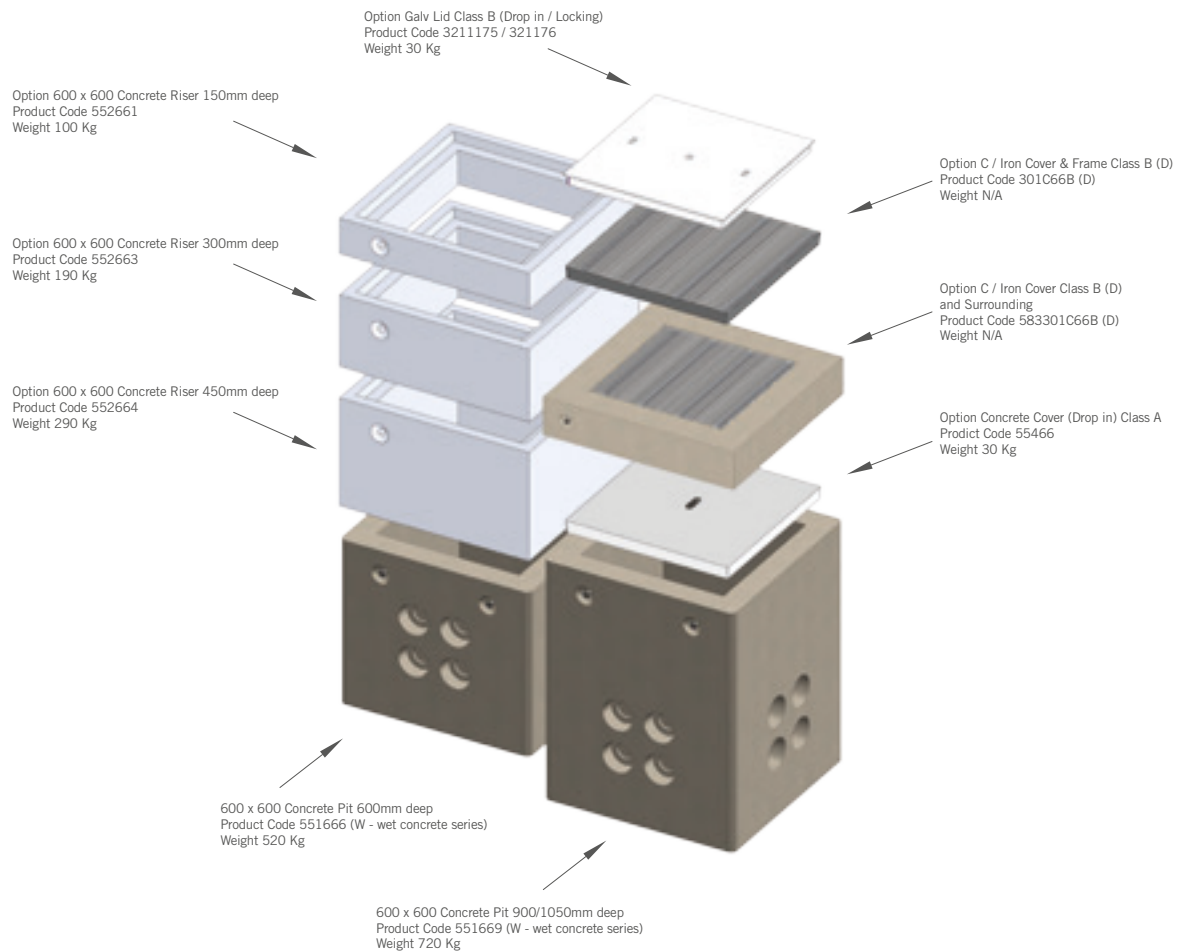
Please note: 450 x 450 Concrete pits available in depth internally of 450, 600 and 750/810



Electrical/Communications

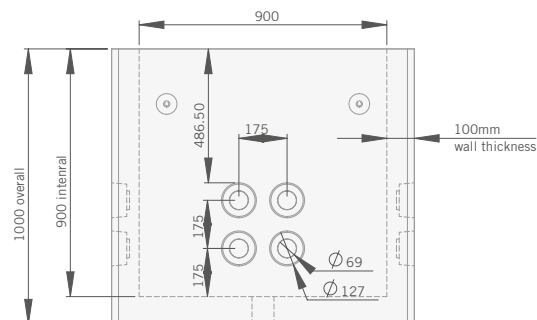
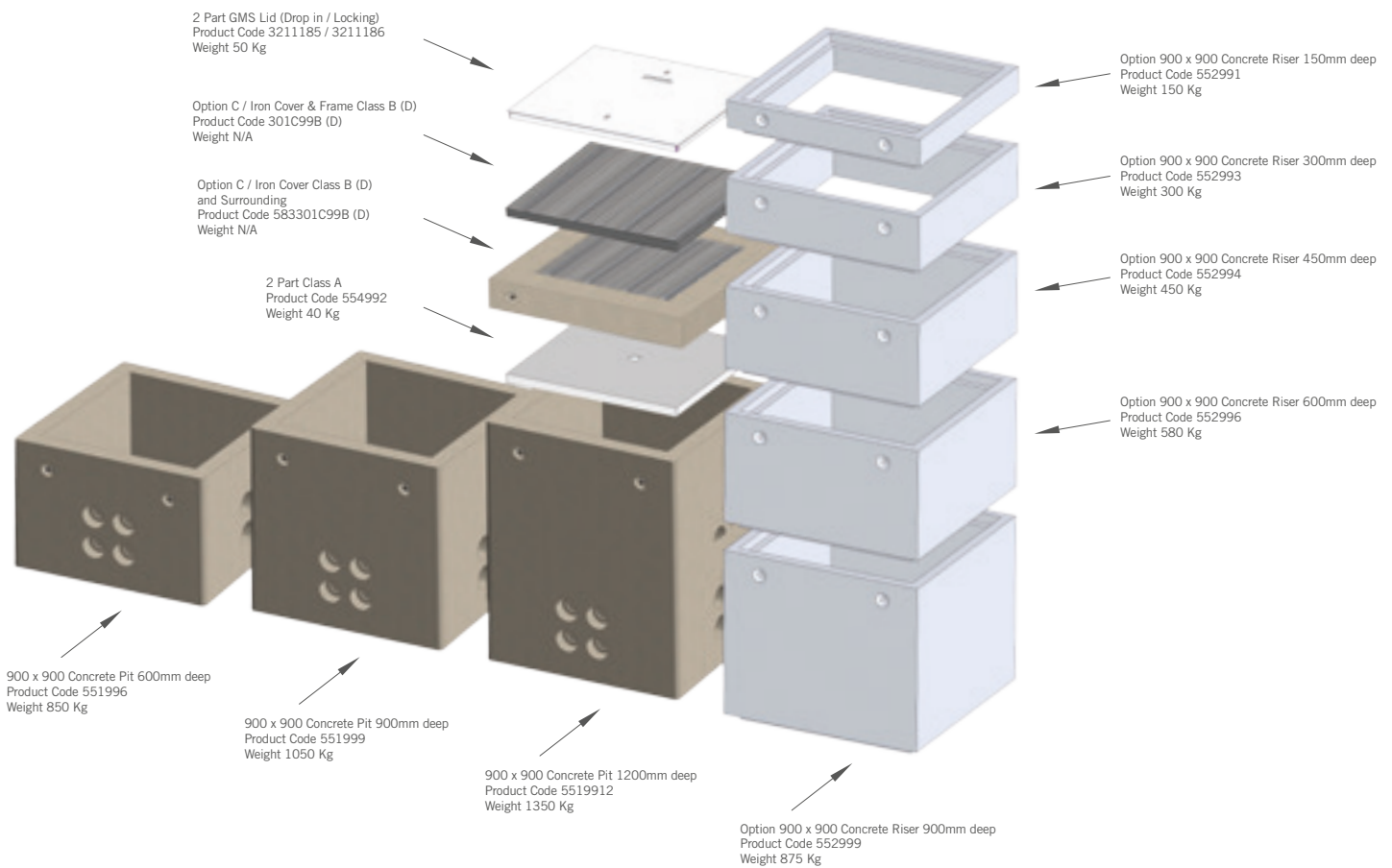
Pit 600 x 600 Concrete

Please Note: 600 x 600 Concrete pits available in depth internally of 600 and 900/1050

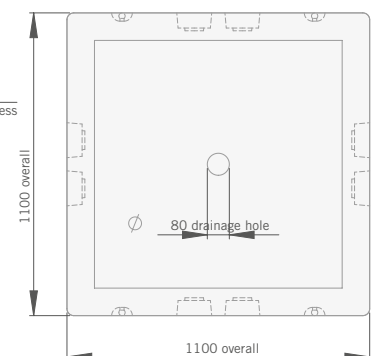


Electrical/Communications

Pit 900 x 900 Concrete

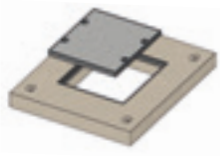


Side view
900x900x900 pit is shown

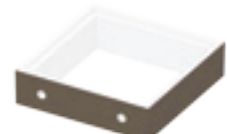
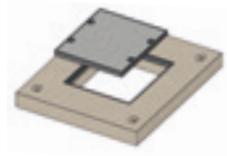


Top view
900x900x900 pit is shown

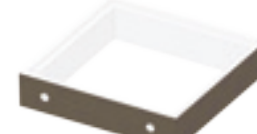
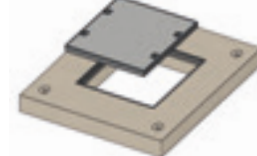
Electrical/Communications



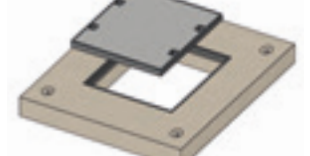
1000 x 600 x 1000
Product Code 524112



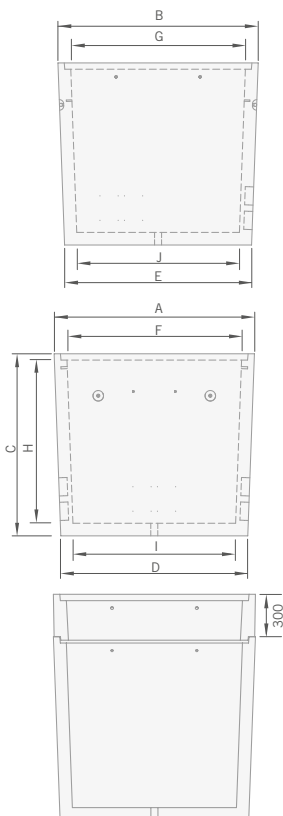
1000 x 1000 x 1195
Product Code 524113



1200 x 1200 x 1195
Product Code 524118



1500 x 1500 x 1500
Product Code 524114



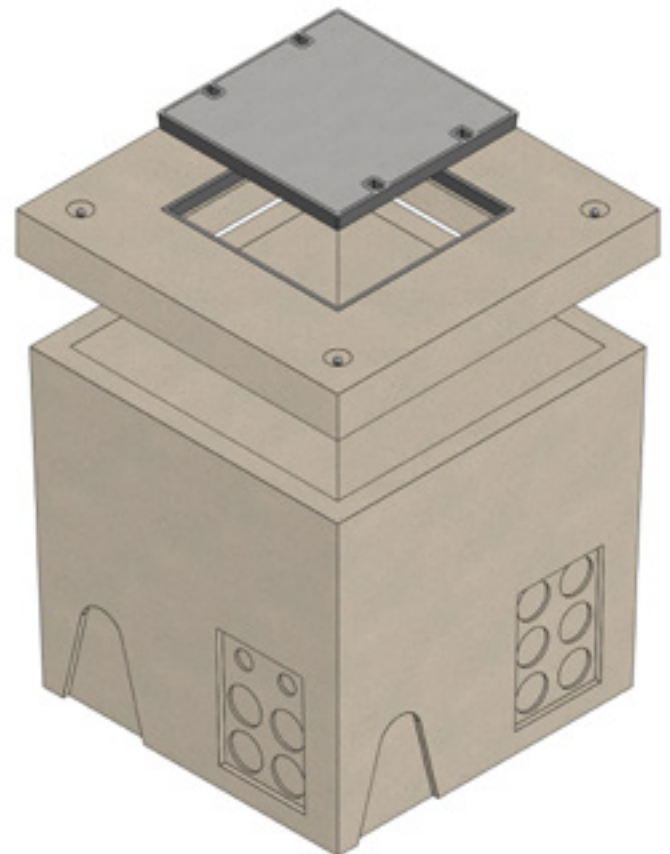
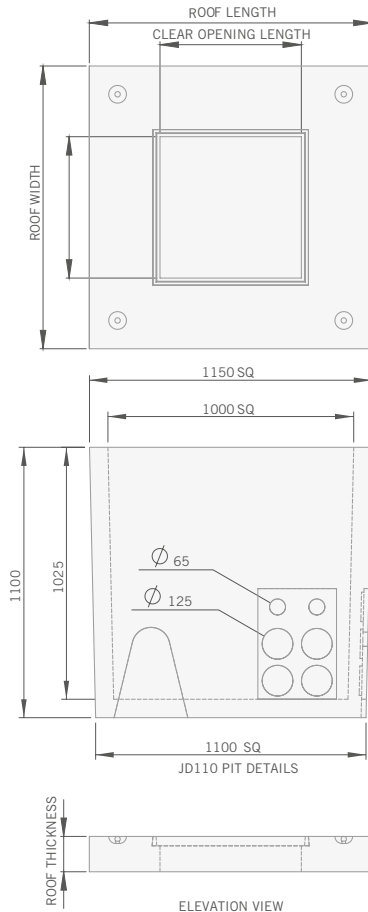
MANHOLE AND RISER ASSEMBLY CUT VIEW

Product Code (Pit only)	524112	524113	524118	524114
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195	1200 x 1200 x 1195	1500 x 1500 x 1500
A	1180	1180	1430	1750
B	780	1180	1430	1750
C	1090	1300	1300	1625
D	1090	1090	1335	1660
E	720	1090	1335	1660
F	996	997	1247	1497
G	597	997	1247	1497
H	955	1160	1165	1455
I	917	916	1162	1417
J	545	916	1162	1417

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in electrical/communications installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height.

Electrical/Communications

JD110 Pit 1000 x 1000 x 1000



JD 110 Pit

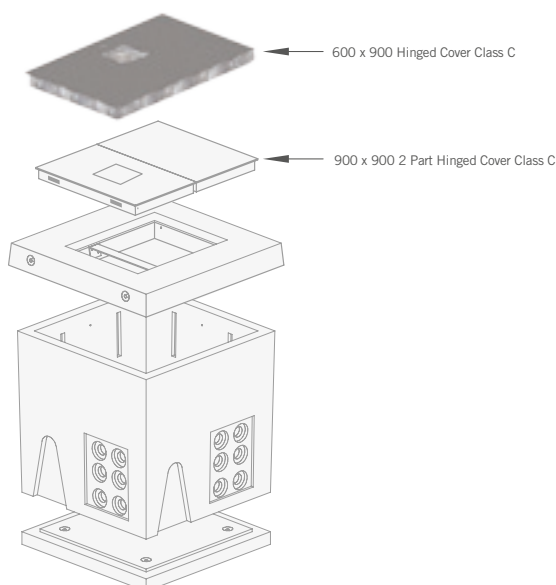
With Floor. Unistrut on all 4 internal walls.
Product Code 524115 (Pit only)

The JD110 Pit and access roof assembly is available in locking or with standard non lockable access covers for general communications and electrical applications not requiring security closure.

Please Note: Pit can be ordered with or without floor to enable installation over existing conduits.

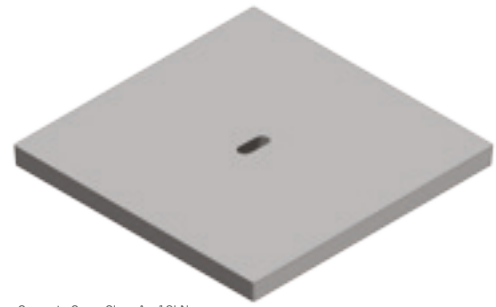
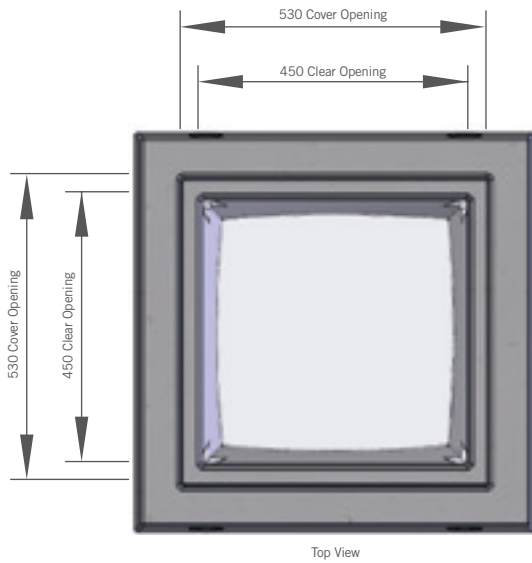
Encasement roof to suit JD110.

Available in standard cast iron, gas and water tight style access covers in Class B or Class D rating or GMS locking to Class C rating as shown in diagrams.

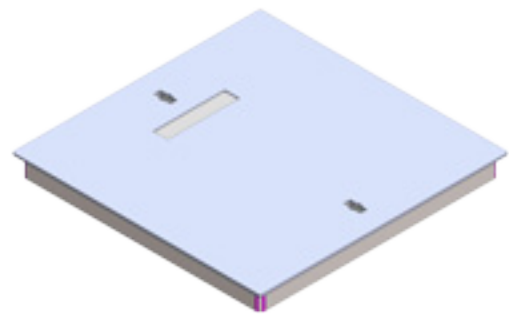


Electrical/Communications

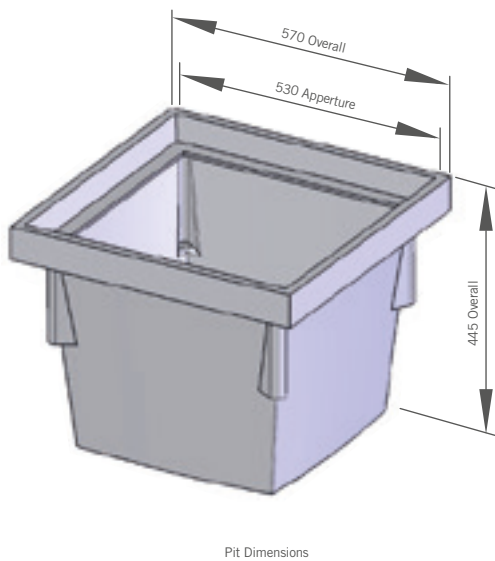
450 x 450 Plastic Pit



Option Concrete Cover Class A - 10kN
Product Code 521020 - Plain Cover Shown
Weight 30kg
Naming Plates available: ELECTRICAL; COMCAB



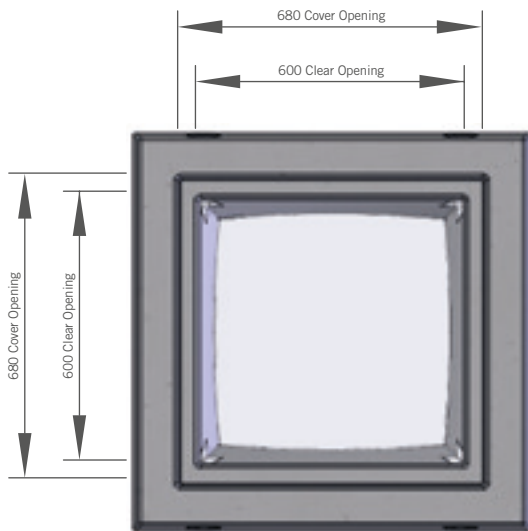
Option GalvSteel Cover Class B - 80kN
Product Code 3211175 - Standard
Weight 18kg
Name Plates available: ELECTRICAL; COMMUNICATIONS



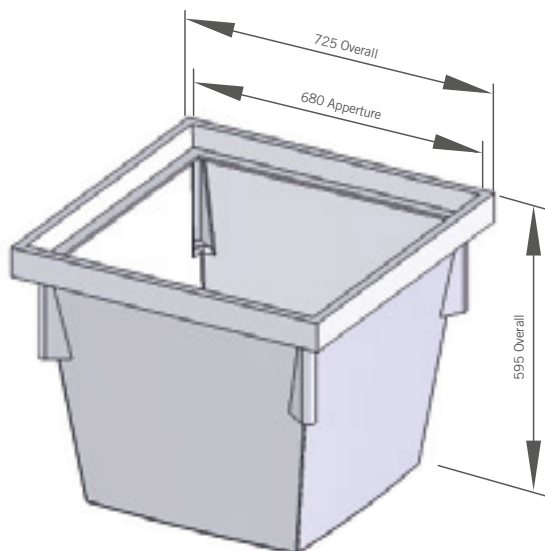
450 x 450mm Plastic Pit 450mm Deep
Product Code 151100 - Standard
Weight 9kg

Electrical/Communications

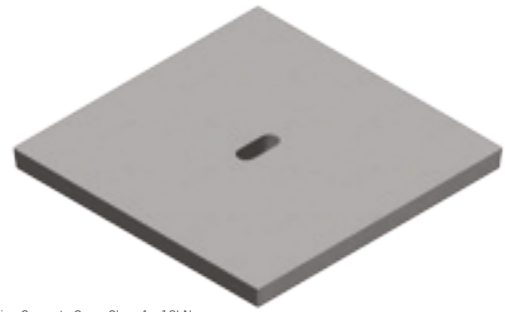
600 x 600 Plastic Pit



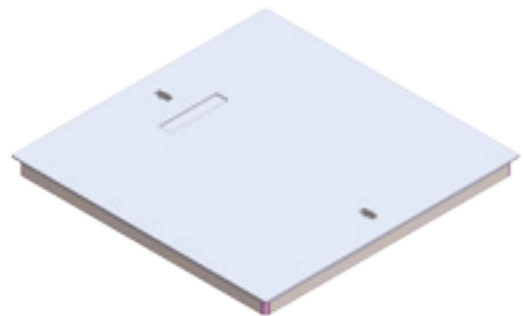
Top View



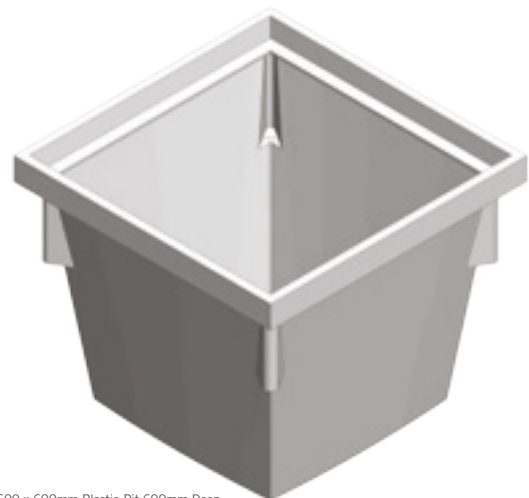
Pit Dimensions



Option Concrete Cover Class A - 10kN
 Product Code 521010 - Plain cover shown
 Product Code 521007 - Communication
 Product Code 521002 - Electrical
 Weight 45kg
 Naming types available: ELECTRICAL; COMCAB



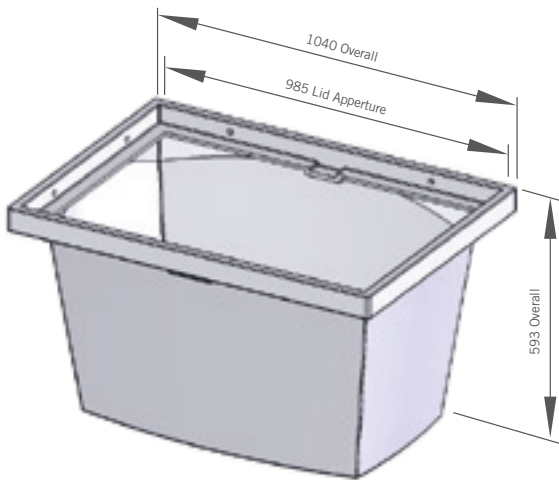
Option GalvSteel Cover Class B - 80kN
 Product Code 3211175 - Plain Cover Shown
 Weight 27kg
 Name Plates available: ELECTRICAL; COMMUNICATIONS



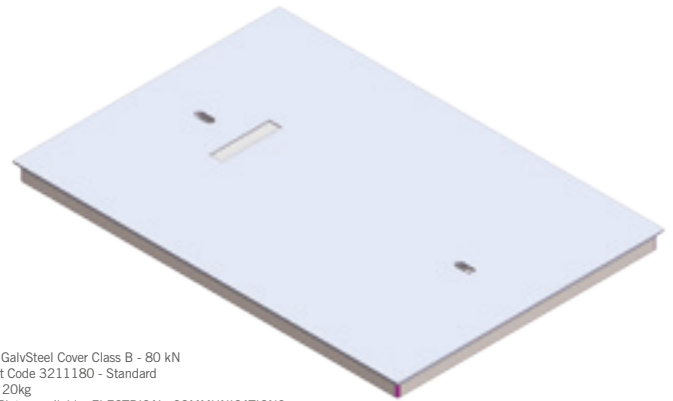
600 x 600mm Plastic Pit 600mm Deep
 Product Code 151105 - Standard
 Weight 15kg

Electrical/Communications

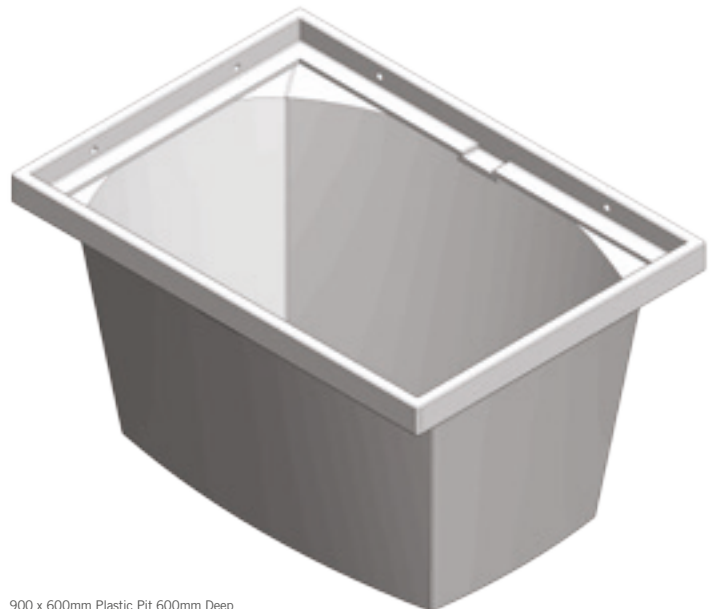
600 x 900 Plastic Pit



Pit Dimensions

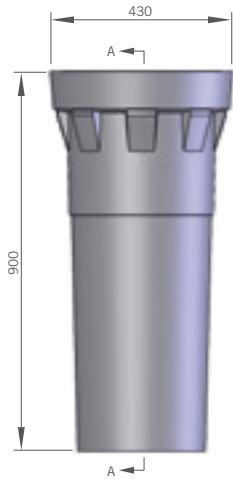


Option GalvSteel Cover Class B - 80 kN
Product Code 3211180 - Standard
Weight 20kg
Name Plates available: ELECTRICAL; COMMUNICATIONS

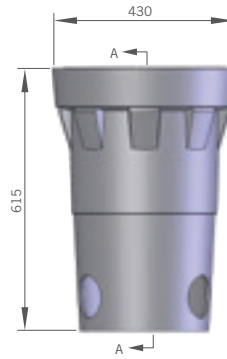
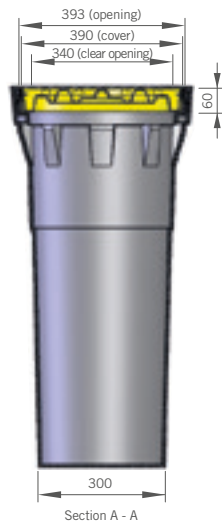


900 x 600mm Plastic Pit 600mm Deep
Product Code 151110 - Standard
Weight 15kg

Electrical/Communications



900mmD - 390mmD
Product Code 124112 (Standard Pit)
Product Code 124112S (Slotted Down Pit)

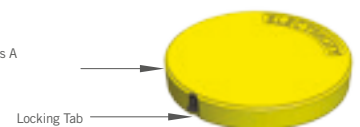


615mmD - 390mmD
Product Code 124110 (Standard Pit)
Product Code 124110S (Slotted Down Pit)



Section A - A

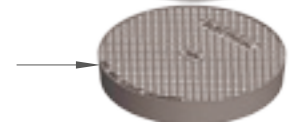
Option Plastic Locking Cover Class A
Product Code 124005
Weight 2kg



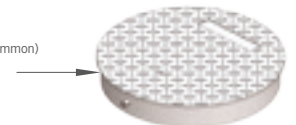
Option Concrete Cover Class A
Product Code 521070
Weight 18kg
Various naming types available



Option Cast Iron Cover Class B
Product Code 300S3B
Weight 10kg
Various nameplates available



Option Galv.Steel Cover Class C
Product Code 321110L (Standard Shown/Common)
Weight 7kg
Various nameplates available



Cover options

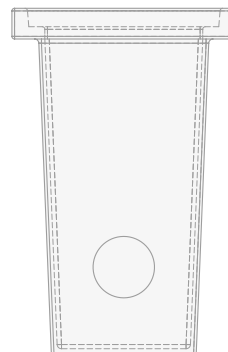
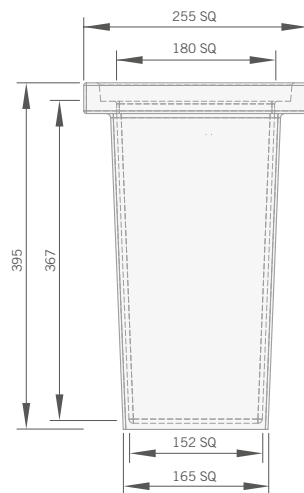
Electrical/Communications

Product Code (pit only)	124115	124117
Dimensions	dia 500 x 600	dia 500 x 830
Diameter (Clear Opening)	480	480
Depth (Internal)	535	837

Service Pit 580 Gal Locking Cover
Product Code 124116

Service Pit 580 (STD)
Product Code 124115

Service Pit 580 Large
Product Code 124117



Detector Pit
220 x 220
Product Code 124100

Lid Product Code 124101

Product Code	Product	Length	Width	Lid Underside
521435	Cable Duct Invert.	1220	400	160
521440	Cable Duct Lid	1220	345	(45mm Thick)



Concrete Cable Duct and Cover
Product Code 521430



Defence]

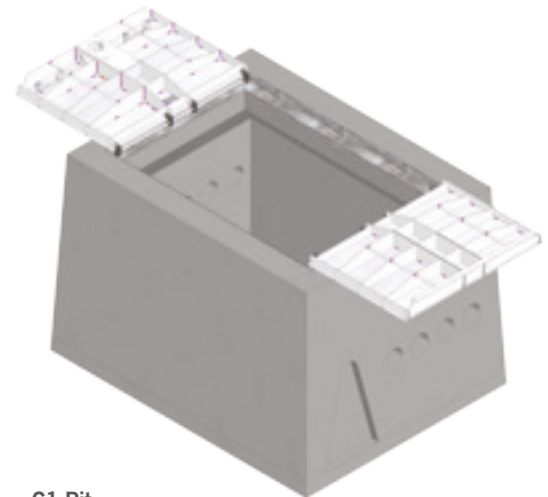
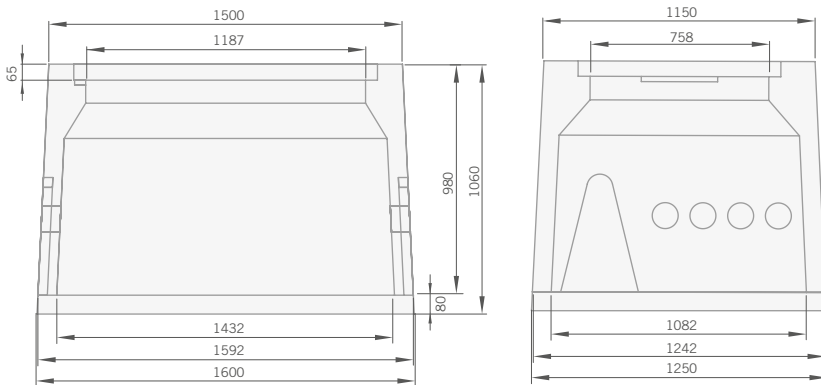
BVCI are a SCEC (Security Construction and Equipment Committee) endorsed manufacturer and supplier of Cable Pits and Locking Pit Access Covers for all Australian Defence and other high security cable pit projects.

Innovative patented “Secure” pre-cast concrete cable pit and access covers are typical of the dedication to security and pit safety from BVCI. The locking mechanism of the “Secure” pit cover eliminates the need for locking bars which is a major concern where the lockbar may be dislodged during maintenance programs and fall into the pit breaking the live cables. BVCI SCEC access covers are a standard Class D load rating.

BVCI, in line with new SCEC requirements have developed a range of pre-cast concrete cable pits complete with built in surround (one piece construction for greater security, and cost saving during installation), and plinths to which the “Secure” access covers may be installed. These standard BVCI C1, C2, C4, C5 and 911 pits together with a full range of SCEC endorsed pre-cast concrete plinths with SCEC covers are now well proven having been installed in major Defence projects throughout Australia.

All BVCI pre-cast concrete cable pits and manholes are manufactured to Australian standards and BVCI strict quality policy, and include minimum 40Mpa concrete and full steel mesh and bar reinforcement. The BVCI pre-cast cable pits used in SCEC product are designed for load rating in line with the access covers which is unique to the pre-cast concrete industry. This design element provides long term confidence in the quality and endurance of the BVCI product.

C1 Series Pits

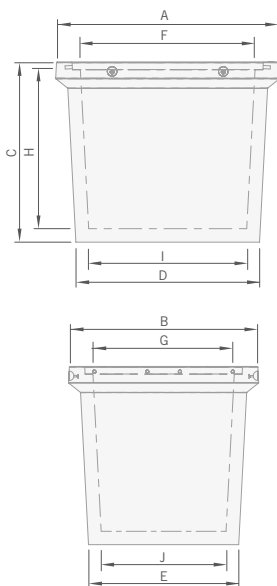


C1 Pit

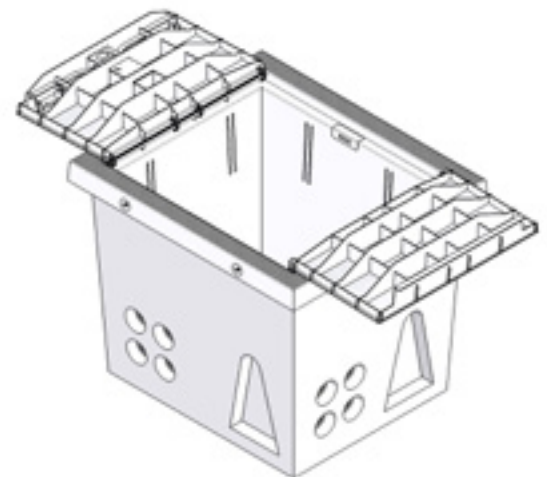
Product Code (pit only) 522375

Hinged Class D SCEC covers.

Product Code 392029



Product Code	591065
Dimensions	911 Bell Top
A	1410
B	1210
C	1135
D	1157
E	957
F	1100
G	900
H	995
I	995
J	795



911 Pit

1100 x 900 x 1050

Belltop 911 Secure Pit

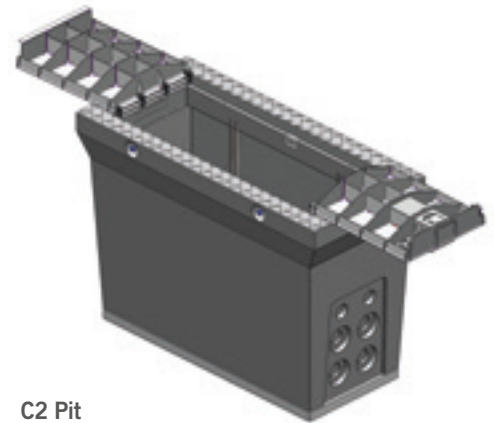
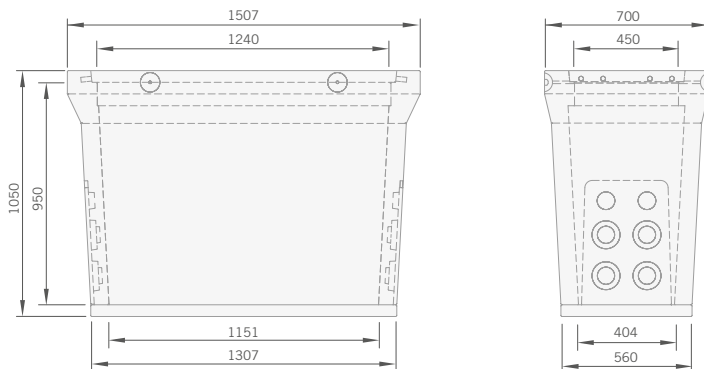
Product Code 591065 (Pit only)

Hinged Class D SCEC covers.

Product Code 392029

Please note: All BVCI precast concrete cable pits and manholes are designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete. All Defence Pits and Security access covers are tested and certified to SCEC requirements.

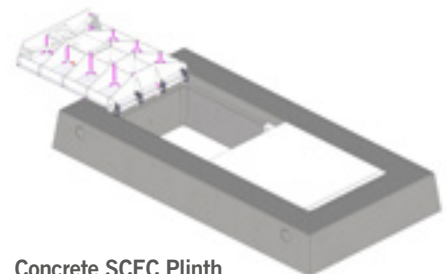
C2 Series Pits



C2 Pit
Product Code 524170

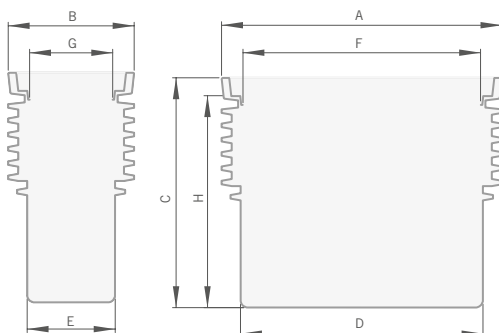
Hinged Class D SCEC covers.
Product Code 392025A

Please note: All BVCi precast concrete cable pits and manholes are designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete.
All Defence Pits and Security access covers are tested and certified to SCEC requirements.



Concrete SCEC Plinth
Product Code 523556

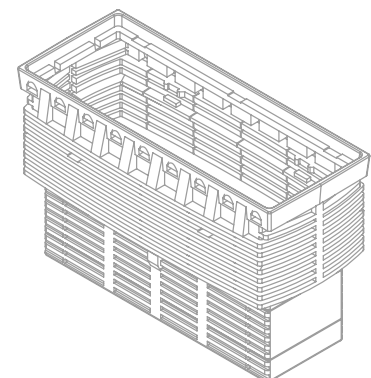
Hinged Class D SCEC covers.
Product Code 392025A



P8 Dimensions	
A	1364
B	610
C	880
D	1200
E	410
F	1241
G	431
H	820

A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Plastic riser extensions available for P4, P5 and P6/8 Pits.
Precast concrete plinth with 2 part lockable covers tested and certified to SCEC requirements in Class D.



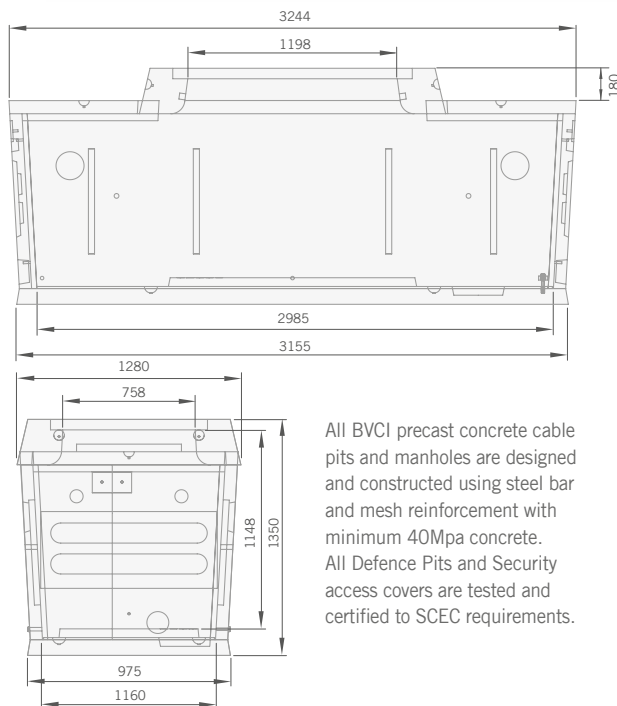
P8 Plastic Pit & Plinth
Plastic Pit only load rated to Class B.
Product Code 124045

C4 Series



C4 Pit (Manhole)
Product Code 522377

Hinged Class D SCEC.
Product code 392029

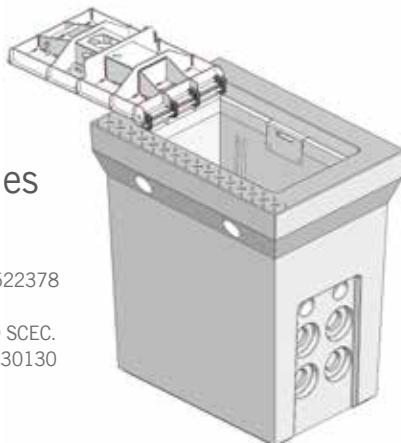


All BVCi precast concrete cable pits and manholes are designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete. All Defence Pits and Security access covers are tested and certified to SCEC requirements.

C5 Series

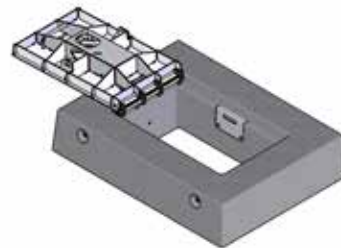
C5 Pit
Product Code 522378

Hinged Class D SCEC.
Product code 330130



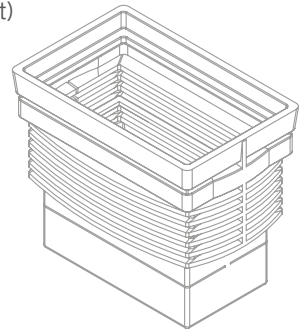
C3 Series

(incorporating P5 Pit)



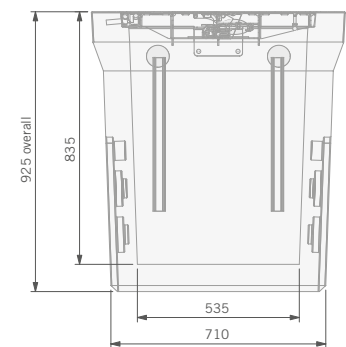
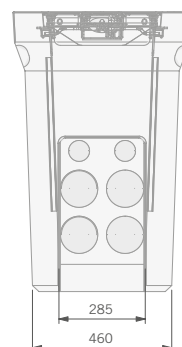
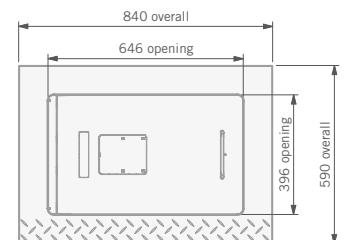
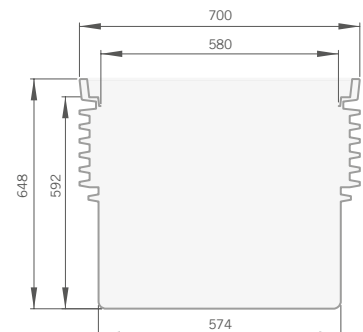
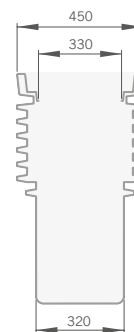
Concrete SCEC P5 Plinth
Product Code 523545

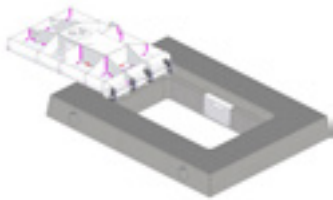
Hinged Class D SCEC covers.
Product Code 330130



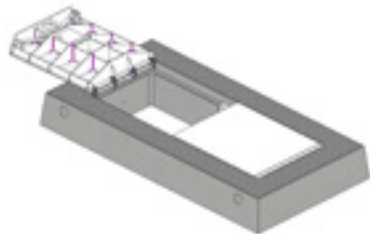
P5 Pit (For C3 Defence)
Product Code 124030

Plastic Pit only load rated to Class B.

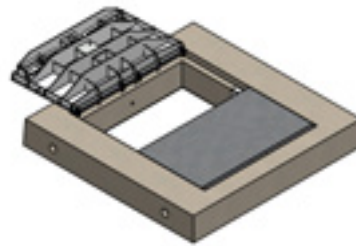




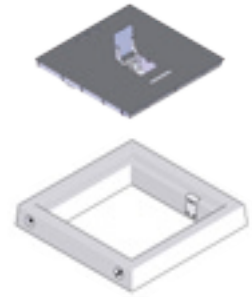
P5 Plinth (C3 Style)
Product Code 523545



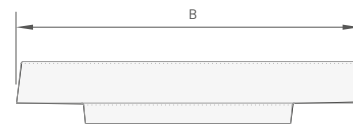
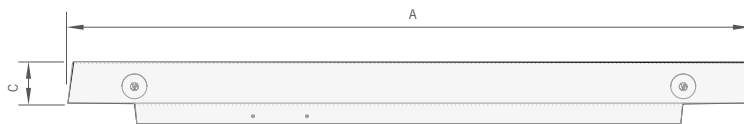
P8 Plinth
Product Code 523556



900 x 1100 Plinth
Product Code 525215



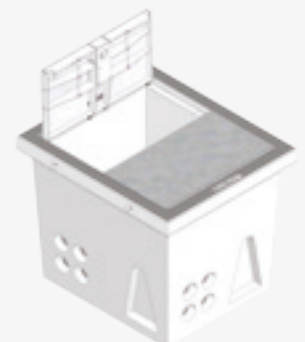
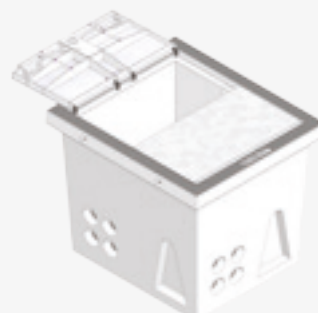
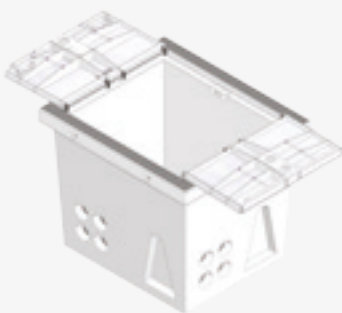
600 x 600 Plinth
Product Code 523557



Product codes	523546	523556	525215	523557
Dimensions	P5	P6/P8	900 x 1100	600 x 600
A	980	1640	1500	850
B	720	830	1200	850
C	200	200	200	200

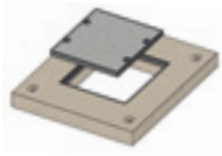
All plinths incorporate SCEC endorsed locking cover assemblies.

SCEC Secure access cover hinge and lock demonstration:

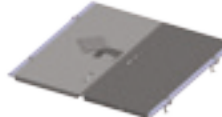
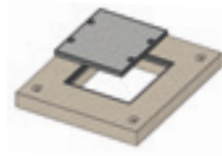


Please note: Patented GMS Secure Cover as certified by SCEC. No lock bar required increasing protection of cable, resulting from possible dropping of lock bars into pit and damaging cable.

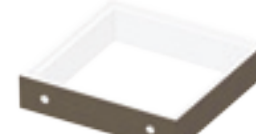
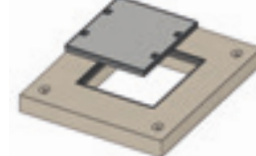
Defence



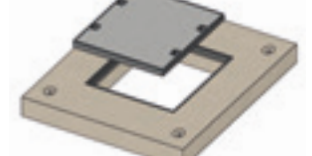
1000 x 600 x 1000
Product Code 524112



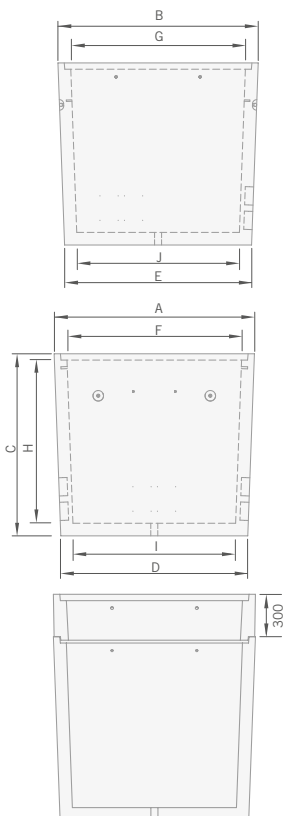
1000 x 1000 x 1195
Product Code 524113



1200 x 1200 x 1195
Product Code 524118



1500 x 1500 x 1500
Product Code 524114

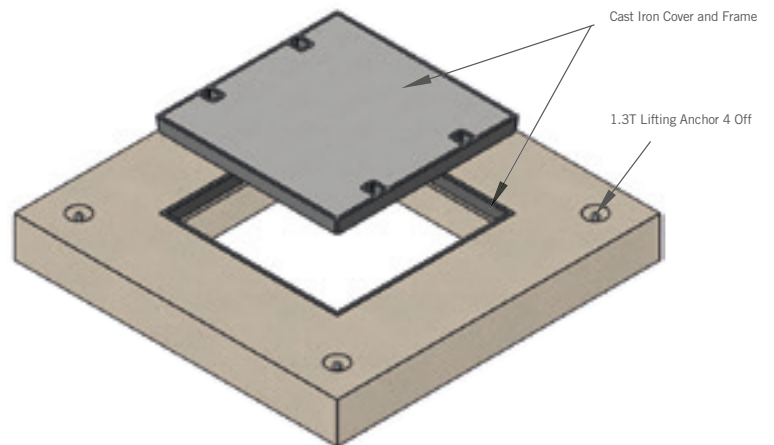
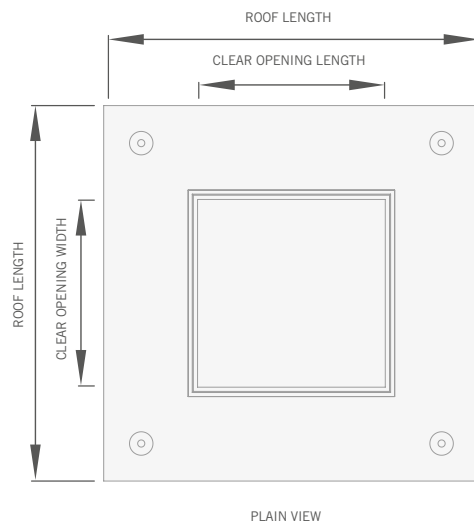


MANHOLE AND RISER ASSEMBLY CUT VIEW

Product Code (Pit only)	524112	524113	524118	524114
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195	1200 x 1200 x 1195	1500 x 1500 x 1500
A	1180	1180	1430	1750
B	780	1180	1430	1750
C	1090	1300	1300	1625
D	1090	1090	1335	1660
E	720	1090	1335	1660
F	996	997	1247	1497
G	597	997	1247	1497
H	955	1160	1165	1455
I	917	916	1162	1417
J	545	916	1162	1417

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in defence installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height.

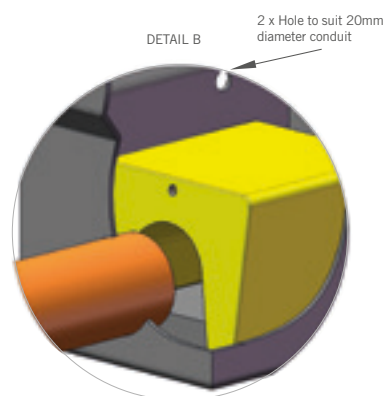
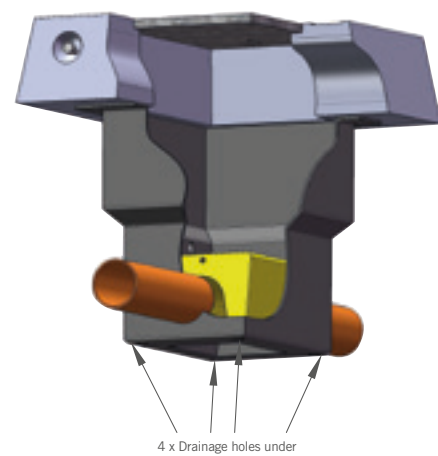
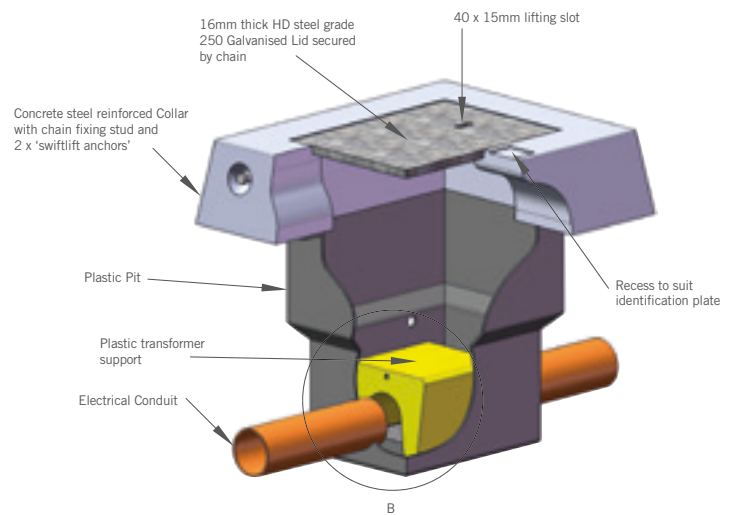
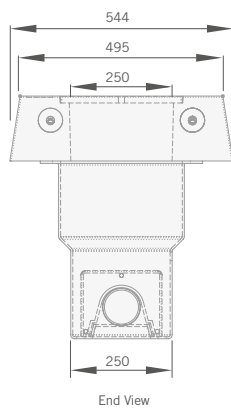
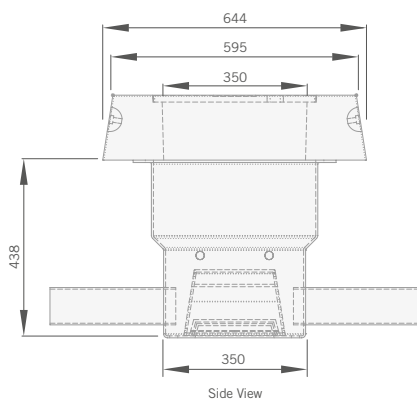
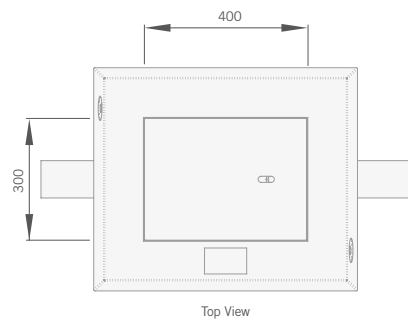
Electrical installation pit cover option



Pit Size	Precast Concrete Roof Slab		Cast Iron Covers & Frames / Frame Opening Size				
	Roof Length x Width	Roof Thickness	Clear Opening Length x Width	Class B		Class D	
				Thickness (mm)		Thickness (mm)	
				Frame	Cover	Frame	Cover
1500 x 1500 x 1500	1800 x 1800	200	750 x 750	48	37	89	73
1200 x 1200 x 1195	1500 x 1500	200	750 x 750	1750	37	89	73
1000 x 1000 x 1195	1200 x 1200	200	600 x 600	1625	37	89	73
1000 x 600 x 1000	1200 x 1200	200	600 x 600	1660	37	89	73

Please note: Special encasement sizes manufactured to specification for all Class ratings. Including Class G for Airport use.

SIT Pit For runway lighting applications



SIT Pit
Product Code 124060

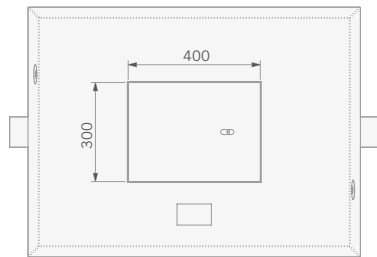
SIT Transformer Support
Product Code 124065

SIT Collar Concrete
Product Code 523165

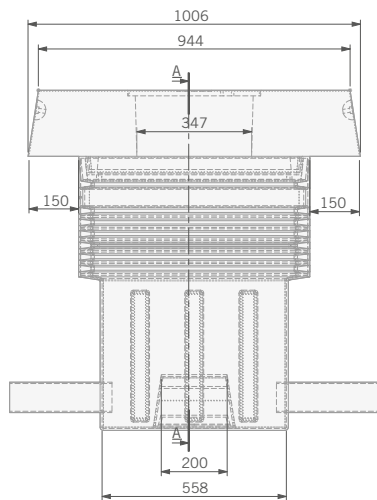
SIT GMS Cover C/W Chain
Product Code 321200

Defence

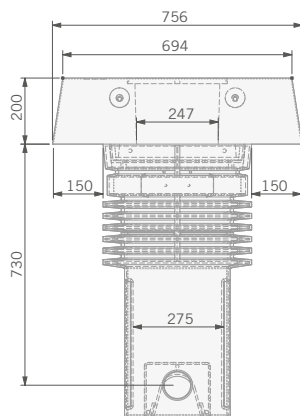
For runway lighting applications



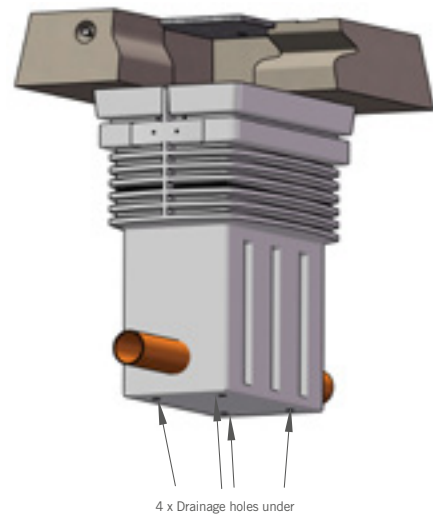
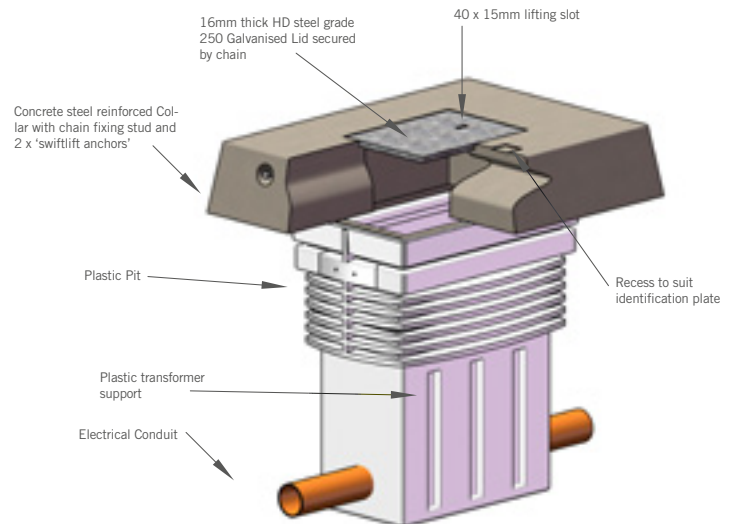
Top View



Side View



End View



SIT Pit P5-800
Product Code 124031

SIT Transformer Support
Product Code 124065

SIT Pit P5-800 Collar Concrete
Product Code 523166

SIT GMS Cover C/W Chain
Product Code 321200

Rail/Mining]

BVCI have developed a range of pre-cast concrete and plastic cable pit and access cover products to meet the specific requirements of the Rail industry in Australia. The constant vibration as caused by light and heavy rail traffic create a unique problem for cable pits installed near rail lines.

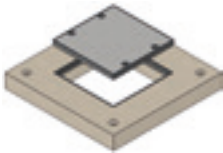
BVCI designs have taken into consideration this unique effect and produced square, rectangular and circular pre-cast concrete cable pits with steel bar and mesh reinforcement, as well as heavy duty circular rotational moulded plastic polymer cable pits as used in the Vic Rail network systems. Standard plastic cable pits as used in Telecommunications and Electrical industries are also available for specific installations on these projects.

The BVCI cable pit range is available with hinged locking galvanised steel access covers or standard galvanised steel locking covers. BVCI are constantly working with Rail Authorities and Engineers to ensure product supplied meets the specific requirements and importantly the durability for light or heavy duty installations, such as rail lines from Mining locations to Port.

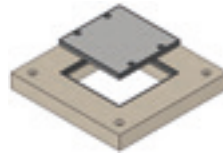
BVCI pre-cast concrete and plastic cable pits for the Mining industry sector are developed with similar heavy duty requirements as Rail. All pre-cast concrete pits are developed for heavy load rating and incorporate minimum 40Mpa concrete with steel bar and mesh reinforcement. Cable pit access covers may be used in Defence and Rail, or for very heavy load applications the use of cast iron access covers encased in separate pre-cast concrete cable pit roofs. BVCI capability to design and manufacture specialised pit and roof assemblies are available on request.

For Gas exploration projects the use of pre-cast concrete cable pits or plastic cable pits may be used. In these projects the load rating requirement is not as it is for general Mining (such as Coal Mines). Cable pits as used in Rail are ideal for these projects combined with hinged locking access covers. Alternatively plastic cable pits as used in Telecommunications and general Electrical industries with Class B load rated galvanised mild steel locking covers are recommended. The locking of these sometimes remote location installations is recommended – simple Allen Key style, or for higher security level installations the use of SCEC access covers.

Rail/Mining



1000 x 600 x 1000
Product Code 524112N
RailCorp Design



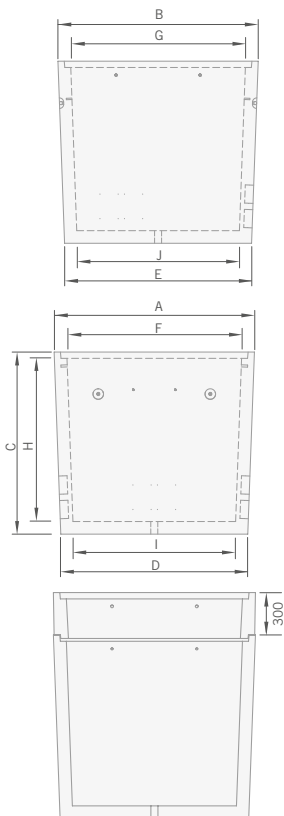
1000 x 1000 x 1195
Product Code 524113N
RailCorp Design



Product Code Riser 524108



1200 x 1050
Product Code Pit 524109N
RailCorp Design

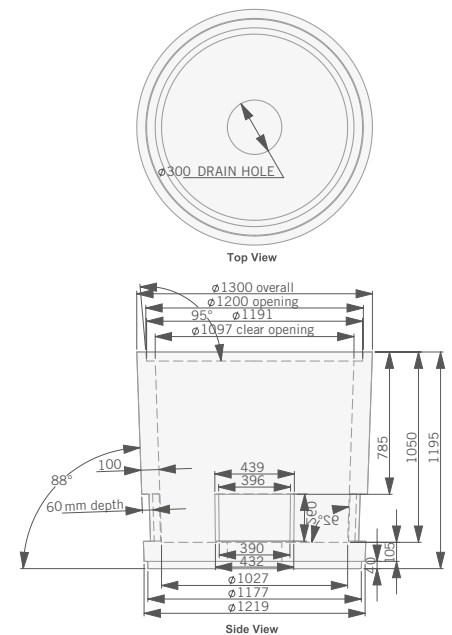


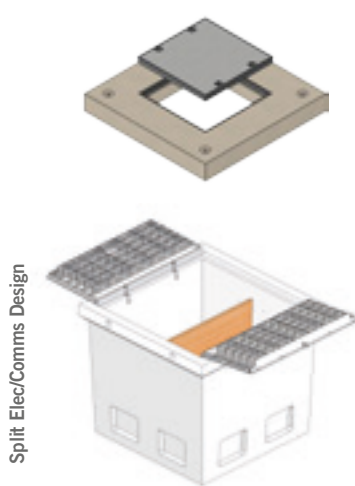
MANHOLE AND RISER ASSEMBLY CUT VIEW

Note: Designs as shown are to RailCorp specification. Standard Electrical Pits with drop-in GMS covers or cast iron encased covers are also available.

Product Code (Pit only)	524112	524113
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195
A	1180	1180
B	780	1180
C	1090	1300
D	1090	1090
E	720	1090
F	996	997
G	597	997
H	955	1160
I	917	916
J	545	916

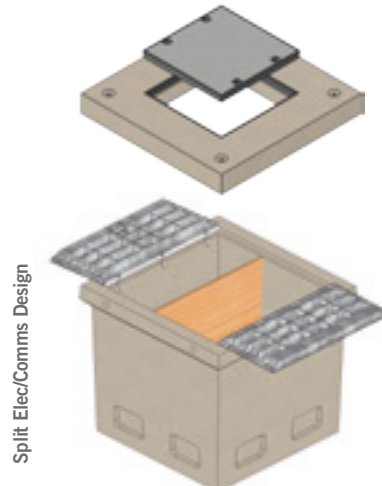
Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in rail and mining installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height. GMS covers for circular rail pit and 2 part non-hinged assemblies.





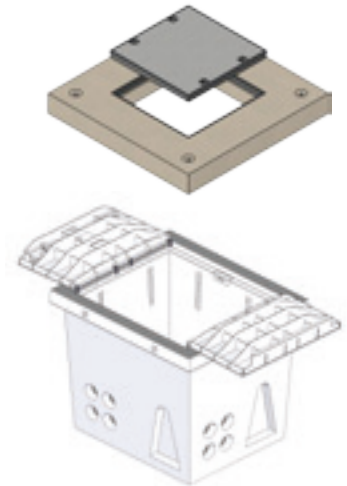
1200 x 1200 x 1195
Product Code 524118NS

Split Comms/LV Elec Pit option.
CONCEPT ONLY.



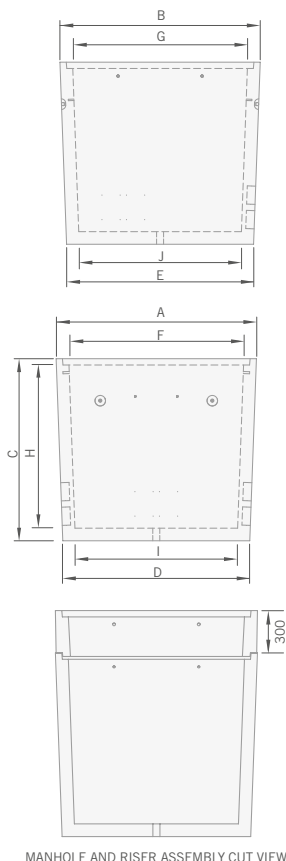
1500 x 1500 x 1500
Product Code 524114NS

Split Comms/LV Elec Pit option.
CONCEPT ONLY.



1100 x 900 x 1050
Belltop 911
Product Code 591065

Note: Designs as shown are to RailCorp specification. Standard Electrical Pits with drop-in GMS covers or cast iron encased covers are also available.

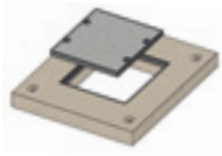


MANHOLE AND RISER ASSEMBLY CUT VIEW

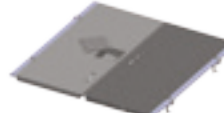
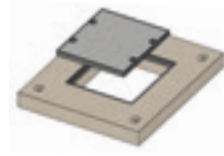
Product Code (Pit only)	524118	524114	591065
Dimensions	1200 x 1200 x 1195	1500 x 1500 x 1500	911 Bell Top
A	1430	1750	1410
B	1430	1750	1210
C	1300	1625	1135
D	1335	1660	1157
E	1335	1660	957
F	1247	1497	1100
G	1247	1497	900
H	1160	1455	995
I	1162	1417	995
J	1162	1417	795

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in rail and mining installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height. GMS covers for circular rail pit and 2 part non-hinged assemblies.

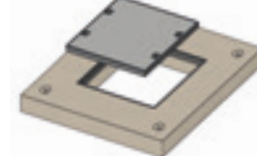
Rail/Mining



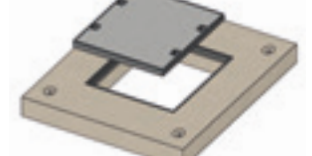
1000 x 600 x 1000
Product Code 524112



1000 x 1000 x 1195
Product Code 524113

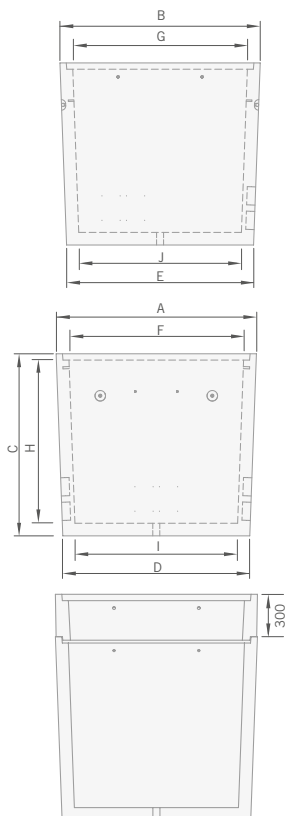


1200 x 1200 x 1195
Product Code 524118



1500 x 1500 x 1500
Product Code 524114

Note: Pits shown to Queensland Rail specification. Also used in standard Electrical cable installations with hinged GMS covers or encased cast iron access covers for Rail and Mining.

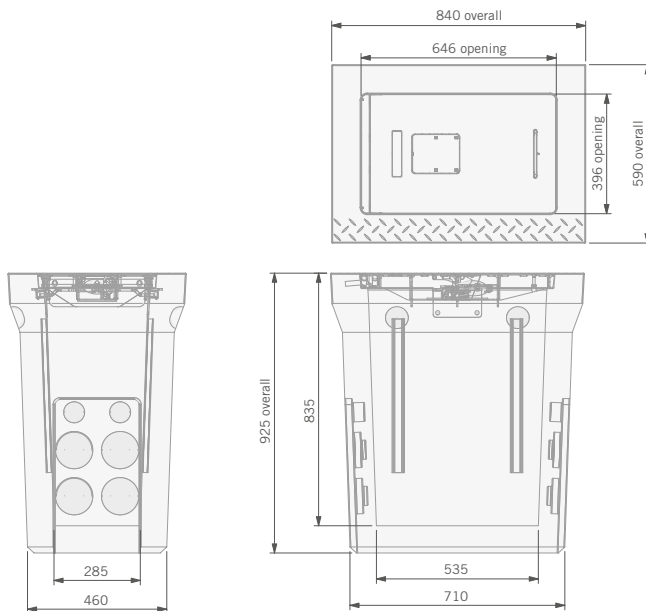


MANHOLE AND RISER ASSEMBLY CUT VIEW

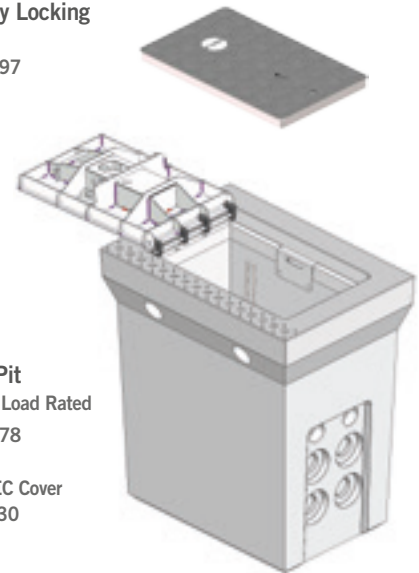
Product Code (Pit only)	524112	524113	524118	524114
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195	1200 x 1200 x 1195	1500 x 1500 x 1500
A	1180	1180	1430	1750
B	780	1180	1430	1750
C	1090	1300	1300	1625
D	1090	1090	1335	1660
E	720	1090	1335	1660
F	996	997	1247	1497
G	597	997	1247	1497
H	955	1160	1165	1455
I	917	916	1162	1417
J	545	916	1162	1417

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in rail and mining installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height.

Rail Pits

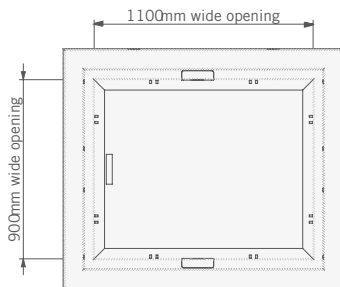


**Class B Allen Key Locking
GMS Cover**
Product Code 521297

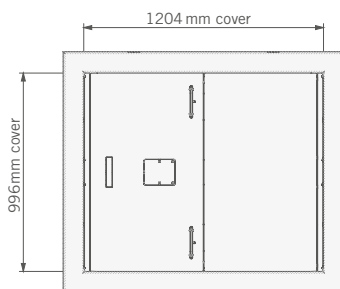


C5/J5 Concrete Pit
Heavy Duty Class D Load Rated
Product Code 522378

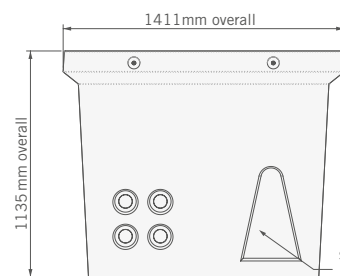
Hinged Class D SCEC Cover
Product code 330130



Top View of Concrete Pit

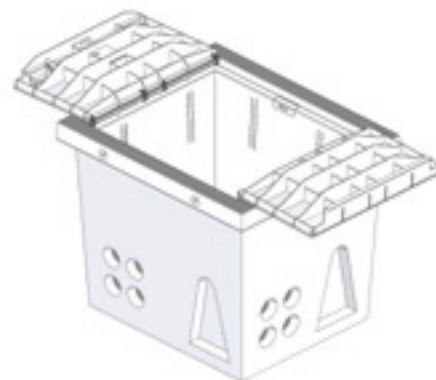


Top View

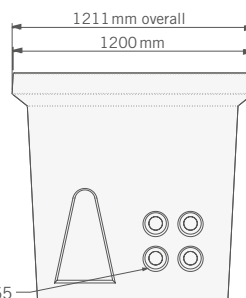


Side View

knock out access
same all four sides
Refer - dwg.1000165



**1100 x 900 x 1050
Belltop 911**
Product Code 591065



End View

Product Code (Pit only)	591065
Dimensions	911 Bell Top
A	1410
B	1210
C	1135
D	1157
E	957
F	1100
G	900
H	995
I	995
J	795

Please note: All pits designed and constructed using steel bar and mesh reinforcement with 40Mpa concrete to ensure integrity and strength of construction as required in rail and mining installations. Access cover options include GMS hinged locking as shown, full SCEC security locking cover options (Class D load rating), or cast iron covers in concrete roof encasements in Class B or D load ratings.

Rail/Mining

Plastic Rail Pits

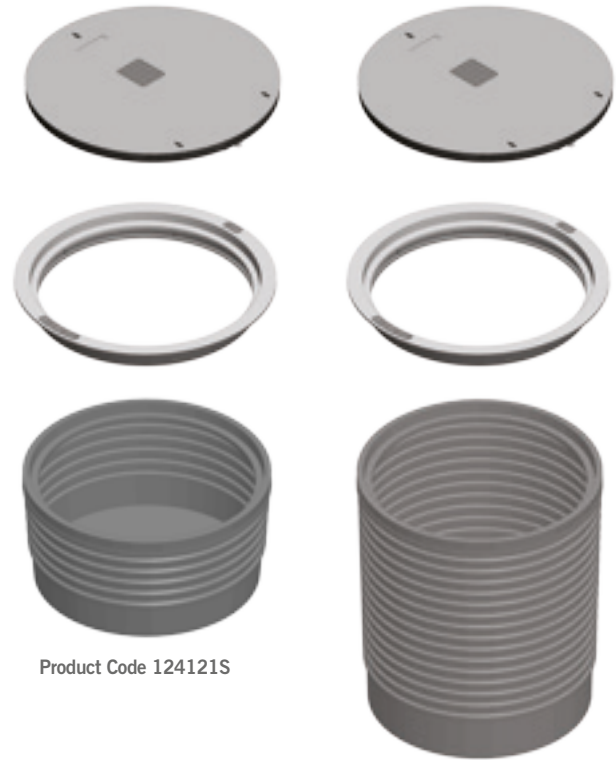
1050 dia Secure Cover
 Product Code 321090 (locking lid)
 Product Code 321100 (non-locking lid)

1050 dia Secure Ring
 Product Code 323100

Pit - 1050 diam HD 1200

Note: Pits displayed are to Vic Rail specification.

Product Code (pit only)	124121
Pit Dimensions	1050 x 1200
Diameter (Clear Opening)	975
Depth (Internal)	1170



Product Code 124121S

Product Code 124121

Concrete Cable Duct

Concrete Cable Duct and Cover
 Product Code 521430



Cable Duct Invert. Product Code: 521435

Length	Width	Lid Underside
1220	400	160

Cable Duct Lid Product Code: 521440

Length	Width	Lid Underside
1220	345	(45mm Thick)



Service Pit Gal Locking Cover
 Product Code 124116

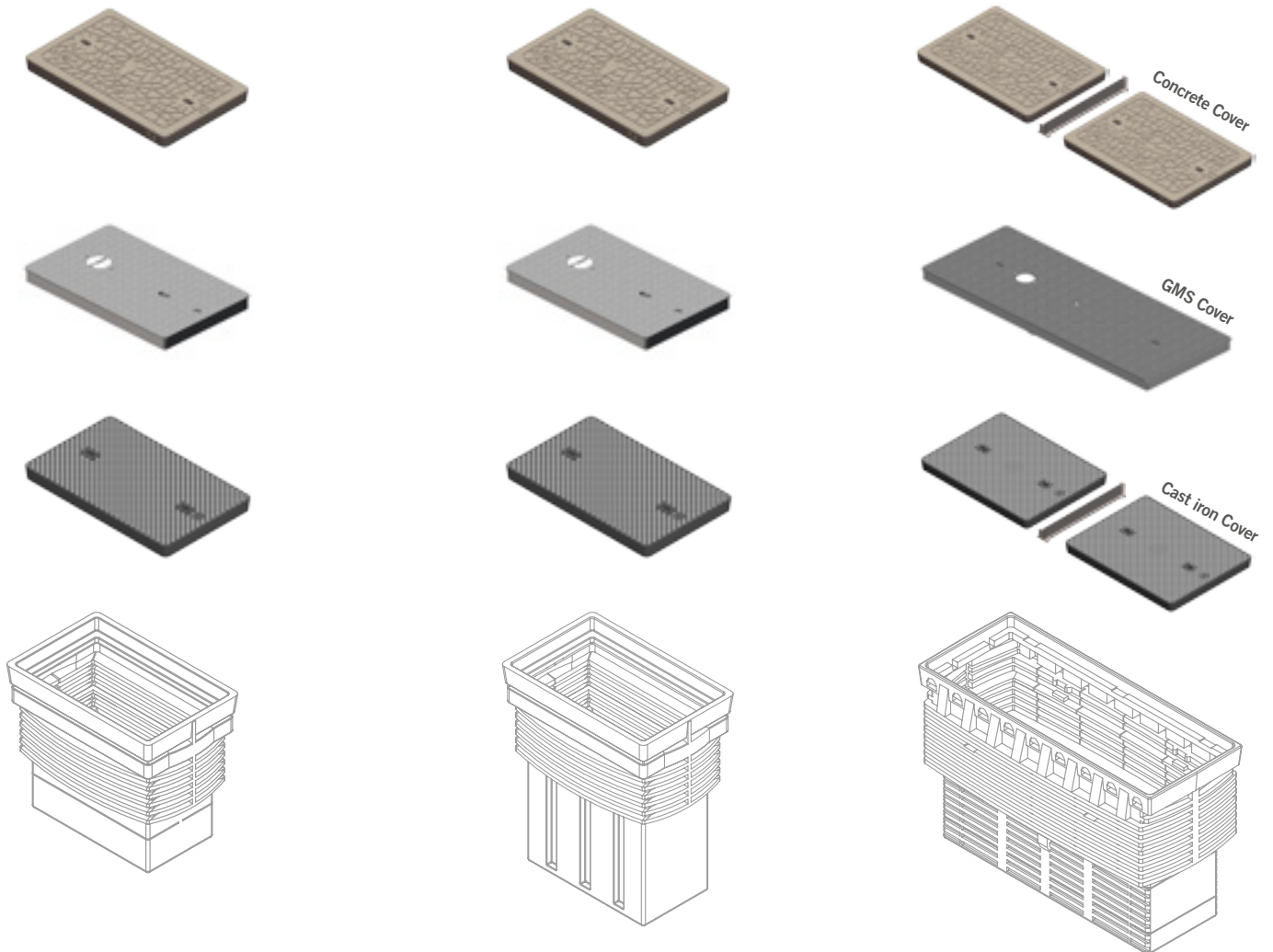
Service Pit (STD)
 Product Code 124115

Service Pit Large
 Product Code 124117

Note: Pits displayed are to Vic Rail specification.

Product Code (pit only)	124115	124117	124121S
Pit Dimensions	dia 500 x 600	dia 500 x 830	1050 x 500
Diameter (Clear Opening)	480	480	975
Depth (Internal)	535	837	493

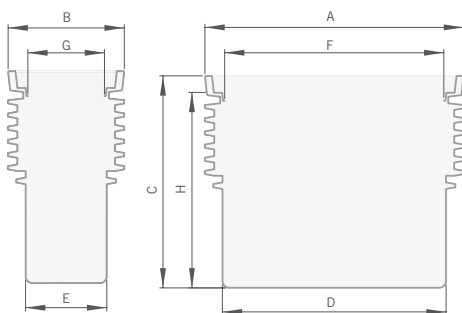
Plastic Rail Pits (continued)



P5 Pit
Product Code 124030

P5-800 Pit
Product Code 124031

P8 Pit
Product Code 124045



A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

	P5 Dimensions	P5-800Dimensions	P8 Dimensions
A	700	700	1364
B	450	450	610
C	605	830	880
D	570	570	1200
E	320	320	410
F	580	580	1241
G	330	330	431
H	549	774	820

Please note: Plastic riser extensions available for P4, P5 and P6/8 Pits.
Other plastic pit sizes available. Non-slip GMS options available.

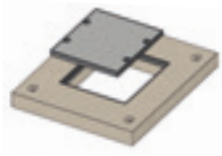
Energy]

BVCI manufacture and distribute a wide range of plastic and pre-cast concrete cable pits for the Energy sector.

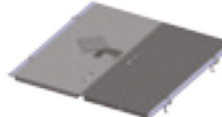
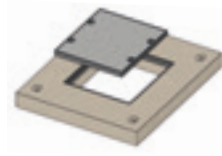
Each State has selective pit requirements for general LV and HV installations, whether they be standard pre-cast concrete or plastic cable pits, or special HV manhole style pulling or jointing pits, BVCI have the capability to both design and manufacture.

Special developments in which BVCI have worked closely with Energy companies over recent years include; Citipower in Victoria with the development of the large HV Multi-Pit, Plus AusGrid (Energy Australia) and Endeavour Energy in NSW as well as Energex in QLD with large HV pit assemblies.

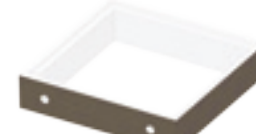
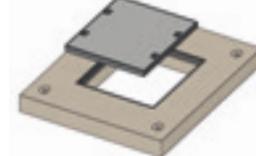
BVCI also specialise in the construction of pre-cast concrete roof encasements for all sizes of cable pulling or jointing pits and manholes, using single or multiple galvanised steel or cast iron access cover assemblies.



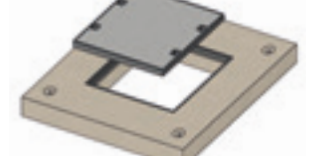
1000 x 600 x 1000
Product Code 524112



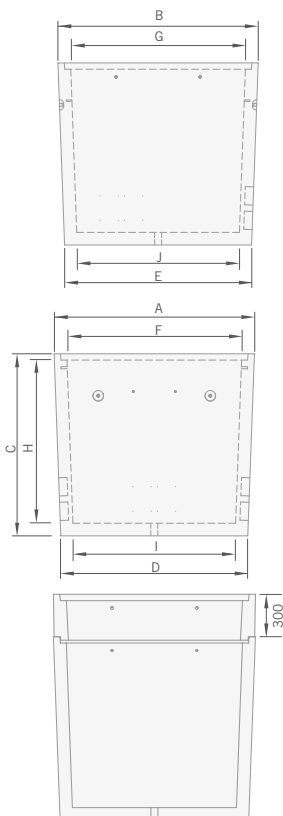
1000 x 1000 x 1195
Product Code 524113



1200 x 1200 x 1195
Product Code 524118



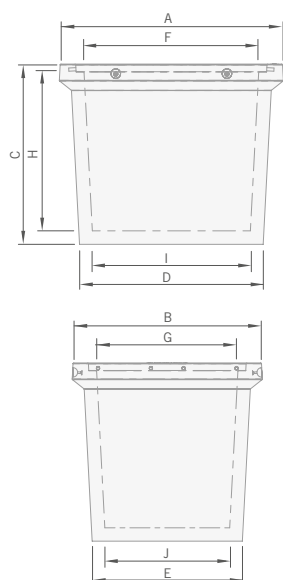
1500 x 1500 x 1500
Product Code 524114



MANHOLE AND RISER ASSEMBLY CUT VIEW

Product Code (Pit only)	524112	524113	524118	524114
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195	1200 x 1200 x 1195	1500 x 1500 x 1500
A	1180	1180	1430	1750
B	780	1180	1430	1750
C	1090	1300	1300	1625
D	1090	1090	1335	1660
E	720	1090	1335	1660
F	996	997	1247	1497
G	597	997	1247	1497
H	955	1160	1165	1455
I	917	916	1162	1417
J	545	916	1162	1417

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in energy installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height.



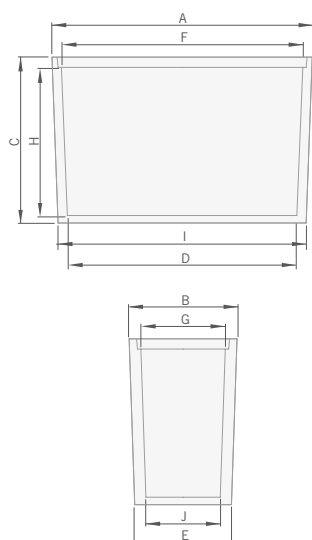
Product Code	591065
Dimensions	911 Bell Top
A	1410
B	1210
C	1135
D	1157
E	957
F	1100
G	900
H	995
I	995
J	795

A x B x C x D x E - Overall Dimensions
F x G x H x I x J - Clear Opening Size



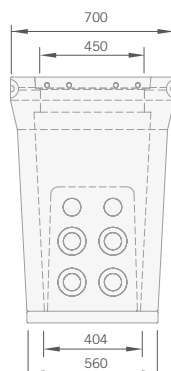
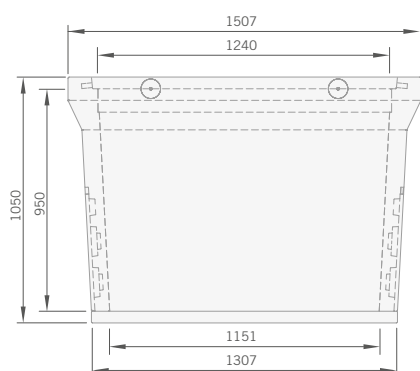
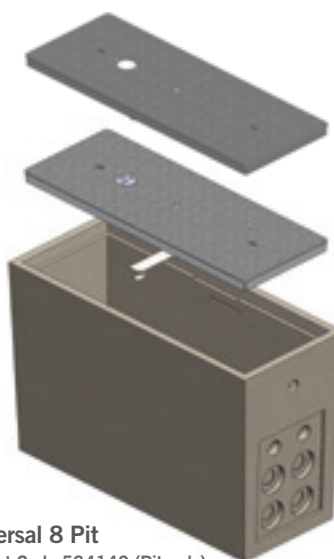
1100 x 900 x 1050
Belltop 911 (Heavy Duty)
Product Code 591065 (Pit only)

Hinged Class D locking covers.



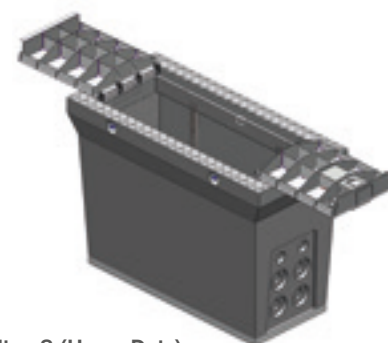
Product Code	524140
Dimensions	Universal 8
A	1395
B	580
C	900
D	1330
E	520
F	1269
G	459
H	800
I	1210
J	400

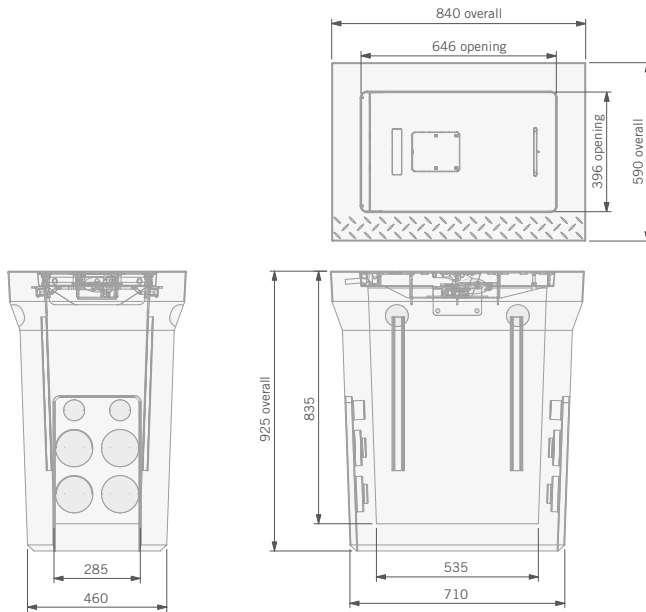
Universal 8 Pit
Product Code 524140 (Pit only)
Universal 8 Pit- Class B Allen Key Locking Lid
also available with Lockbox style locking lid.



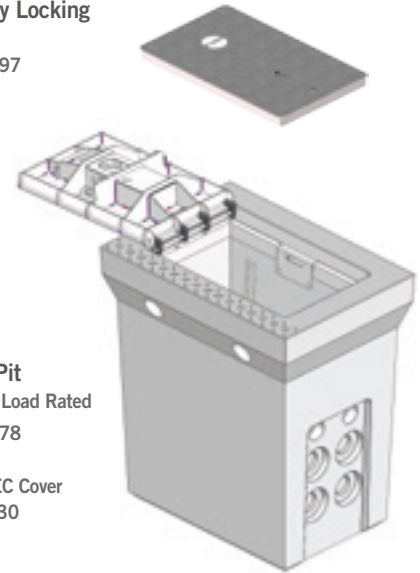
Belltop 8 (Heavy Duty)
Product Code 524170 (Pit only)

Hinged Class D locking covers.



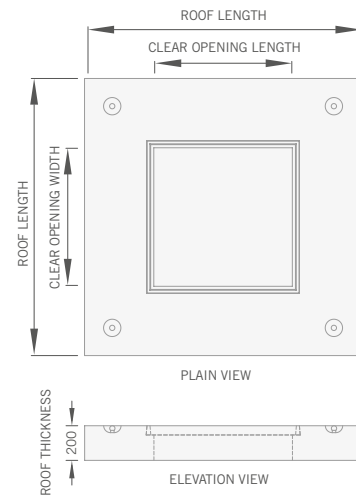
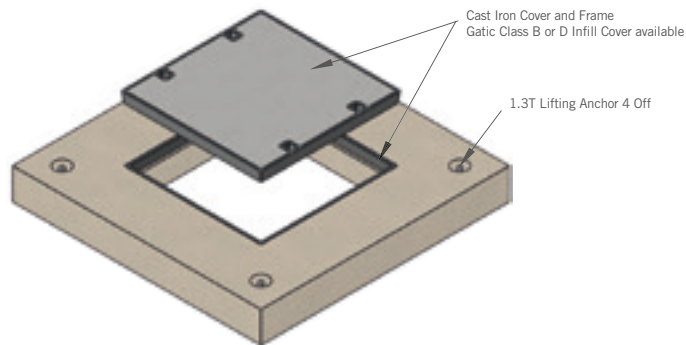


**Class B Allen Key Locking
GMS Cover**
Product Code 521297



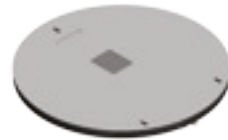
**C5/J5 Concrete Pit
Heavy Duty Class D Load Rated**
Product Code 522378

Hinged Class D SCEC Cover
Product code 330130



Pit Size	Precast Concrete Roof Slab		Cast Iron Covers & Frames / Frame Opening Size				
	Roof Length x Width	Roof Thickness	Clear Opening Length x Width	Class B		Class D	
				Thickness (mm)		Thickness (mm)	
				Frame	Cover	Frame	Cover
1500 x 1500 x 1500	1800 x 1800	200	750 x 750	48	37	89	73
1200 x 1200 x 1195	1500 x 1500	200	750 x 750	1750	37	89	73
1000 x 1000 x 1195	1200 x 1200	200	600 x 600	1625	37	89	73
1000 x 600 x 1000	1200 x 1200	200	600 x 600	1660	37	89	73

Please note: Also available with GMS access covers in Class B or D.
Special encasement sizes to suit large special LV or HV cable pits or Jointing Bays available to order.
Sizes shown as representative only.



1050 dia Secure Cover

Product Code 321090

(locking lid)

Product Code 321100

(non-locking lid)

1050 dia Secure Ring - HD

Product Code 323100

Pit 1050 x 1000

dia x 1050

Product Code 124121

1050 dia Secure Cover

Product Code 321090

(locking lid)

Product Code 321100

(non-locking lid)

1050 dia Secure Ring - HD

Product Code 323100

Pit 1050 x 500

dia x 1050

Product Code 124121S

Product Code (pit only)	124121S	124121
Dimensions	1050 x 500	1050 x 1200
Diameter (Clear Opening)	975	975
Depth (Internal)	493	1170

Service Pit Gal Locking Cover

Product Code 124116

Service Pit (STD)

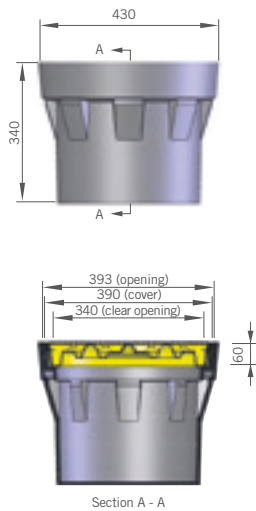
Product Code 124115

Service Pit Large

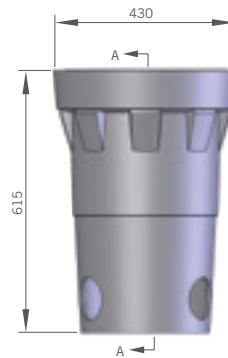
Product Code 124117



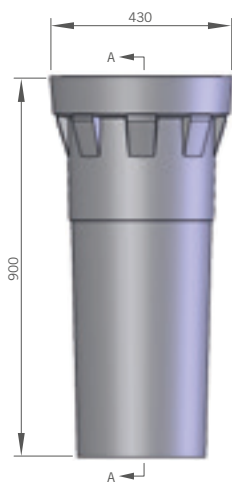
Product Code	124115	124117
Dimensions	dia 500 x 600	dia 500 x 830
Diameter (Clear Opening)	480	480
Depth (Internal)	535	837



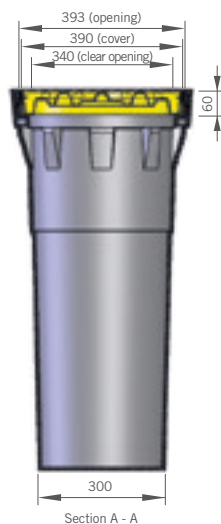
340mmD - 390mmD
Product Code 124104 (Standard Pit)
Product Code 124104S (Slotted Down Pit)



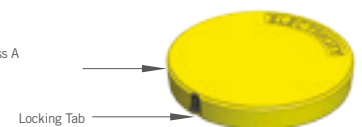
615mmD - 390mmD
Product Code 124110 (Standard Pit)
Product Code 124110S (Slotted Down Pit)



900mmD - 390mmD
Product Code 124112 (Standard Pit)
Product Code 124112S (Slotted Down Pit)



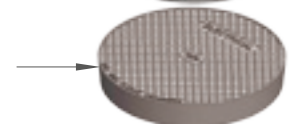
Option Plastic Locking Cover Class A
Product Code 124005
Weight 2kg



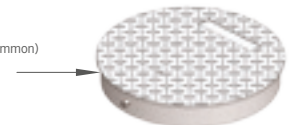
Option Concrete Cover Class A
Product Code 5211070
Weight 18kg
Various naming types available



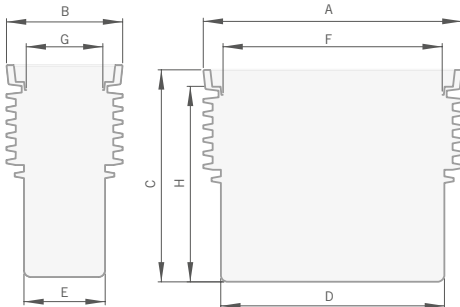
Option Cast Iron Cover Class B
Product Code 300S3B
Weight 10kg
Various nameplates available



Option Galv.Steel Cover Class C
Product Code 321110L (Standard Shown/Common)
Weight 7kg
Various nameplates available



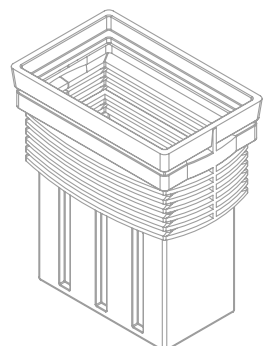
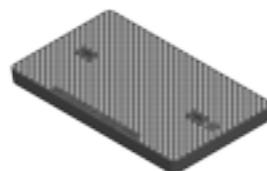
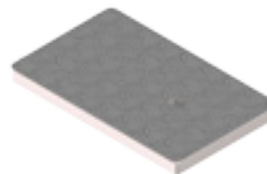
Cover options



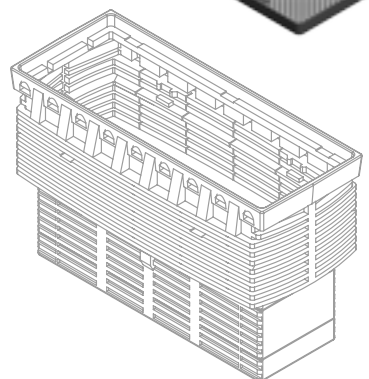
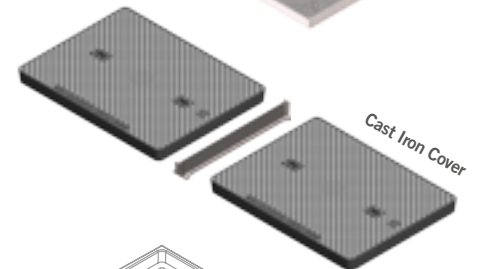
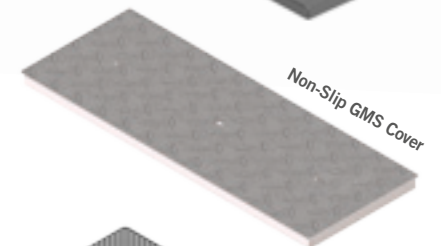
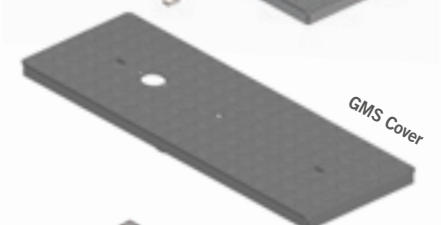
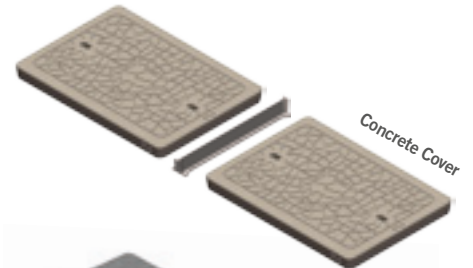
	P5-800 Dimensions	P8 Dimensions
A	700	1364
B	450	610
C	830	880
D	570	1200
E	320	410
F	580	1241
G	330	431
H	774	820

A x B x C x D x E - Overall Dimensions
F x G x H - Clear Opening Size

Please note: Plastic riser extensions available for P4, P5 and P6/8 Pits.
Other plastic pit sizes available.

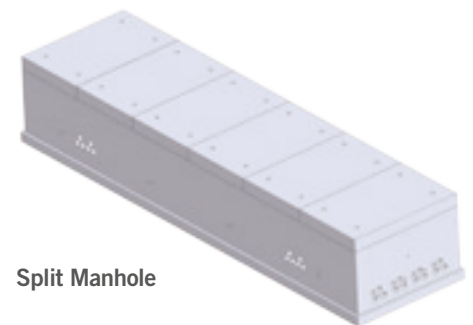
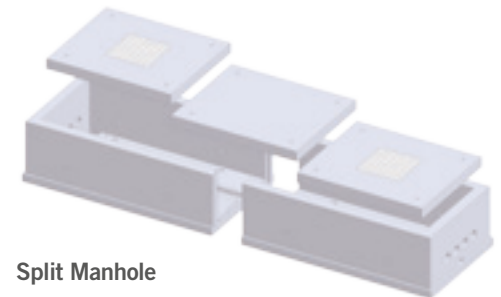
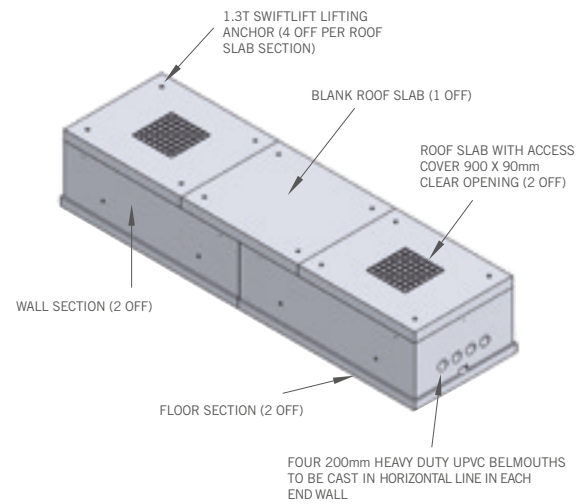
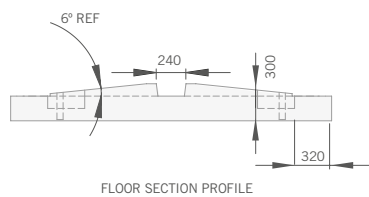
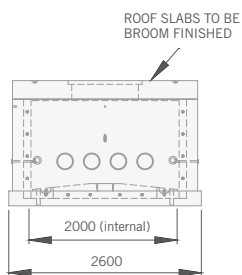
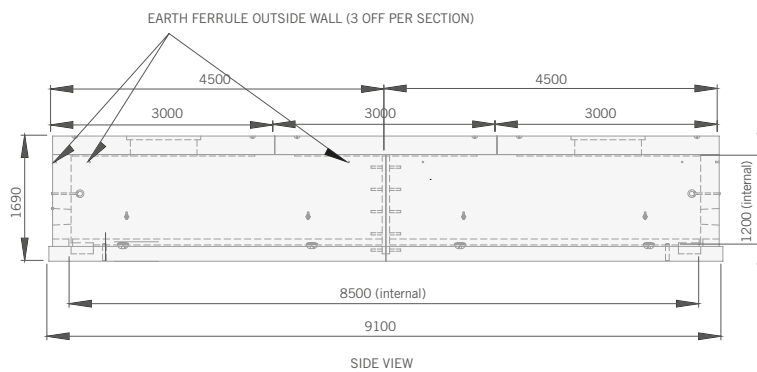
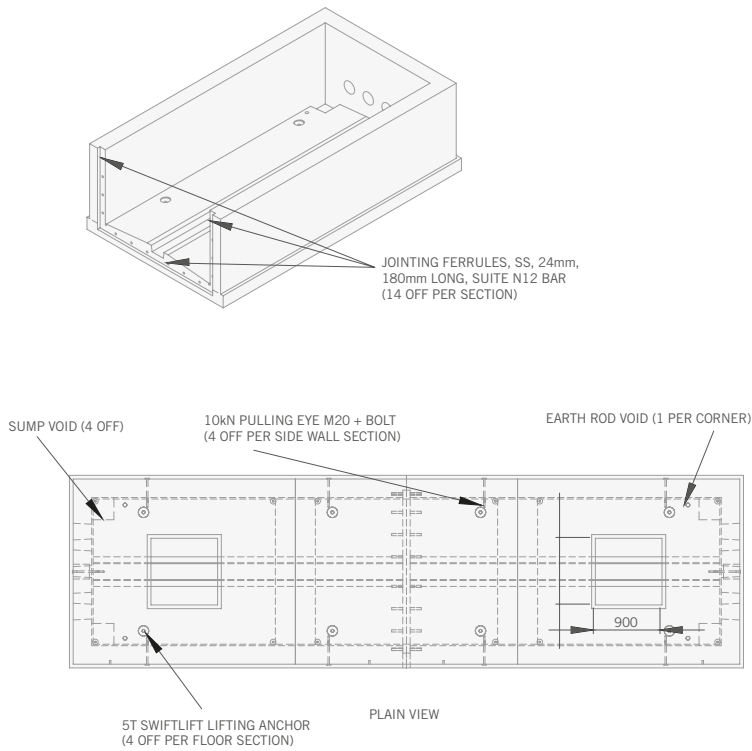


P5-800 Pit
Product Code 124031



P8 Pit
Product Code 124045

Designed and built to specification



Please note: Designed and constructed to meet customer's specified requirement as replacement of in-situ constructed alternative.

Single or Two Piece Construction Designed and built to specification

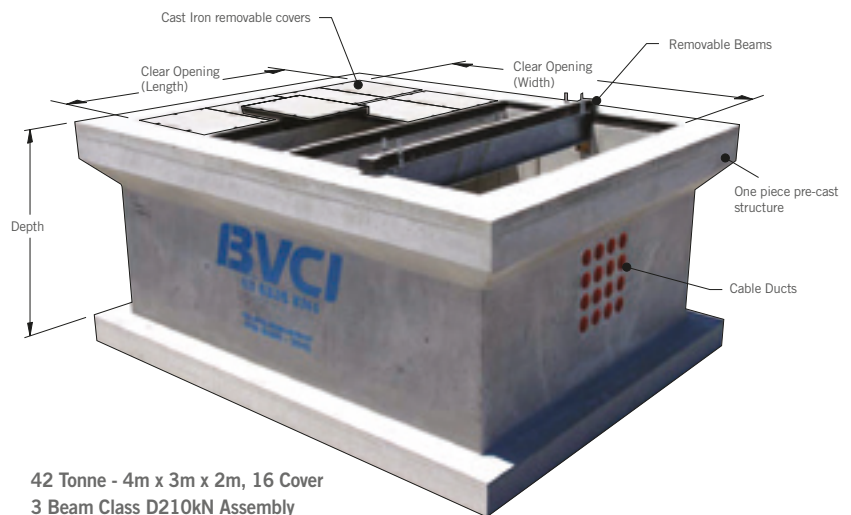
Extra Heavy Duty Series: Pre-cast Concrete Chamber & Access Cover System

An industry-first solution for a complete Pre-cast Concrete Chamber & Access Cover Assembly. One piece or two piece construction dramatically reduces on-site installation time and effort, while ensuring a certified high quality durable structure. Typical applications include large electrical pits, transformers, access to large industrial equipment, container ports, pump wells and lift motor rooms.

Standard Range

Square and rectangular chamber clear openings (sizes outside this range are available on request):

Width 1500-4500
Length 1500-4500
("Length" is dimension parallel to the beam)
Depth 2000



42 Tonne - 4m x 3m x 2m, 16 Cover
3 Beam Class D210kN Assembly

These designs developed and constructed
in association with Citipower (Vic)

Cast Iron Access Cover Superstructure Specification

AS3996:2006 loadings

- Complete open clear access removable beam and composite cover system.
- Turret trench run systems available in lieu of full clear openings as shown.
- Machined metal surfaces for precision fit which preventing ingress of foreign particles.
- Cover and beam components supplied with lifting points for ease of removal and replacement.
- Covers manufactured from high strength Ductile Iron-Grade 500-7 AS1831.
- Removable steel support beams hot-dipped galvanised AS4680 for full clear opening assemblies.



Please note: Also available with GMS access covers in Class B, C or D.
Special encasement sizes to suit large special LV or HV cable pits or Jointing Bays available to order.

Pre-cast Concrete HV Chamber with Turrets
complete with cast iron access covers.

Class Rating	Typical Use	Nominal Wheel Load (kg)	Servicability Design Load (kN)	Ultimate Limit State Design Load (kN)
D 210 kN	Carriageways of roads and areas open to commercial vehicles	8000	140	210
E 400 kN	General docks and aircraft pavements	13700	267	400
F 600 kN	Docks and aircraft pavements subject to high wheel loads	20000	400	600
G 900 kN	Docks and aircraft pavements subject to very high wheel loads	30000	600	900

Air/Road]

BVCI have developed a range of “Secure” cable pit and access cover products for this market based much on the SCEC endorsed product used in high security Defence installations.

The “Secure” pre-cast concrete cable pit designs incorporate the pit and surround in a one piece moulding to provide full security, and cost saving during installation. Typically the access covers used in these products are hinged and with lockbox style locking, allowing for ease of opening and combined with the patented “Secure” pit access cover design which prevents the chance of the cover, or lockbar (as used on other style locking pits) falling into the pit and cutting “live” communications and/or electrical cables. Cable Pits for this market may be pre-cast concrete such as the “Secure” pit, or plastic cable pits with locking access covers to a security level as determined by the Authority.

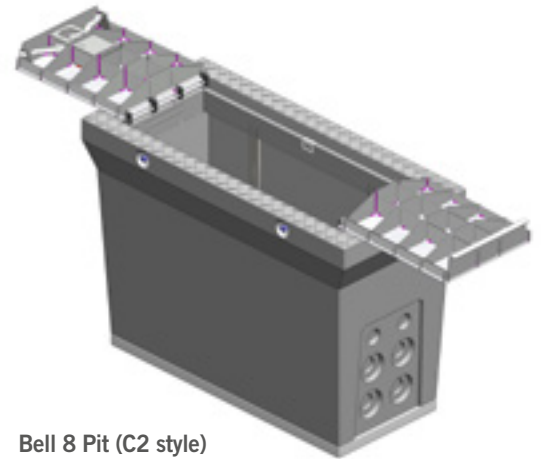
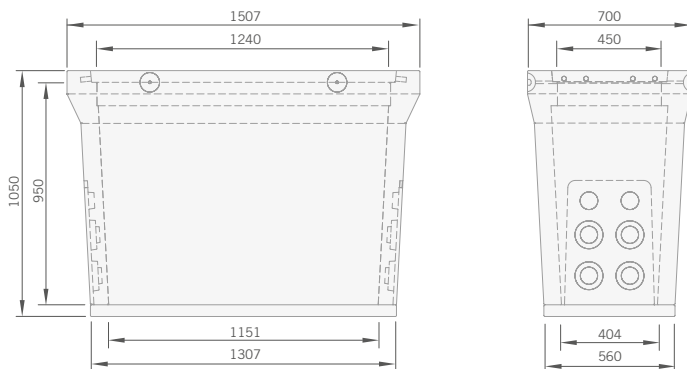
BVCI have a wide range of options for use in Airport installations for Communications and/or Electrical. BVCI also manufacture LV and HV pre-cast cable pit products made to order to accommodate the needs of Airport projects. Cast Iron access covers to Class G load rating are available where required. These may be encased in special cable pit roofs to specification.

BVCI manufacture a range of pre-cast concrete and plastic cable pits and selective stormwater pit products for this civil market as well as approved access covers to suit.

Working with various Authorities in each State, BVCI are developing products to meet the wide range of applications and specifications such as Vic Roads, RTA (NSW) and Queensland Main Roads (MRD).

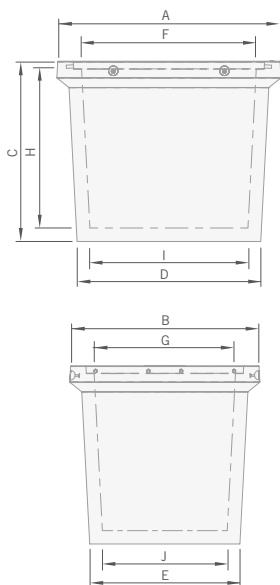
BVCI products are all manufactured to our quality standard and in line with recognised Australian Standards for the manufacture of pre-cast concrete and plastics, and metal access covers.

BVCI are a quality assured company to AS/NZS ISO 9001-2008 Certification number 6430.

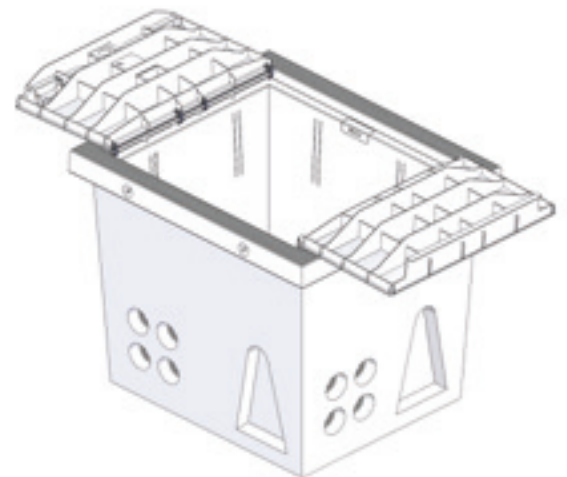


Bell 8 Pit (C2 style)
Product Code 524170

Hinged Class D Locking SCEC covers.
Product code 392025A



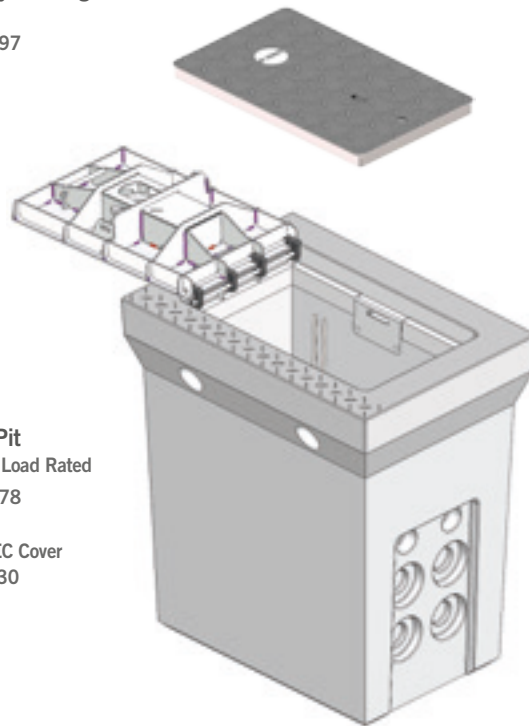
Product Code	591065
Dimensions	911 Bell Top
A	1410
B	1210
C	1135
D	1157
E	957
F	1100
G	900
H	995
I	995
J	795



1100 x 900 x 1050
Belltop 911
Product Code 591065

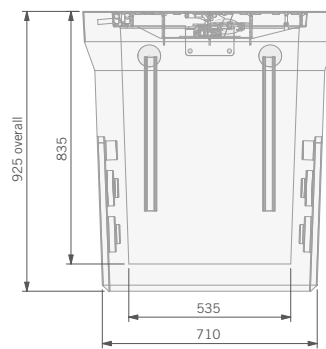
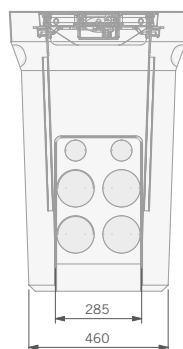
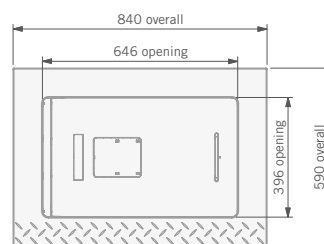
Hinged Class D Locking SCEC covers.
Product code 392029

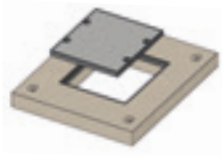
Class B Allen Key Locking
GMS Cover
Product Code 521297



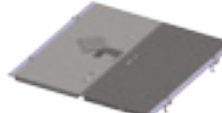
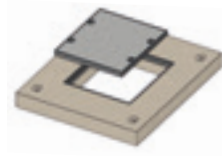
C5/J5 Concrete Pit
Heavy Duty Class D Load Rated
Product Code 522378

Hinged Class D SCEC Cover
Product code 330130

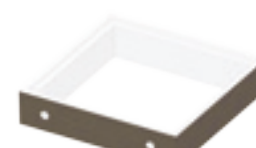
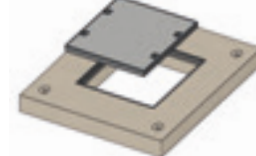




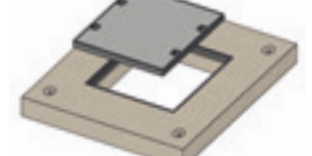
1000 x 600 x 1000
Product Code 524112



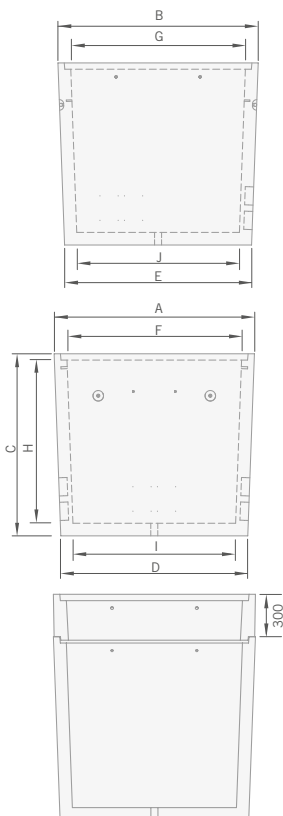
1000 x 1000 x 1195
Product Code 524113



1200 x 1200 x 1195
Product Code 524118



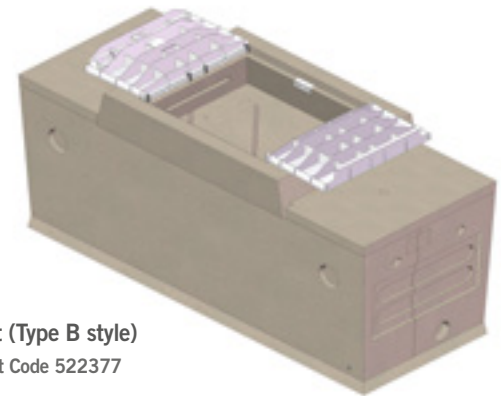
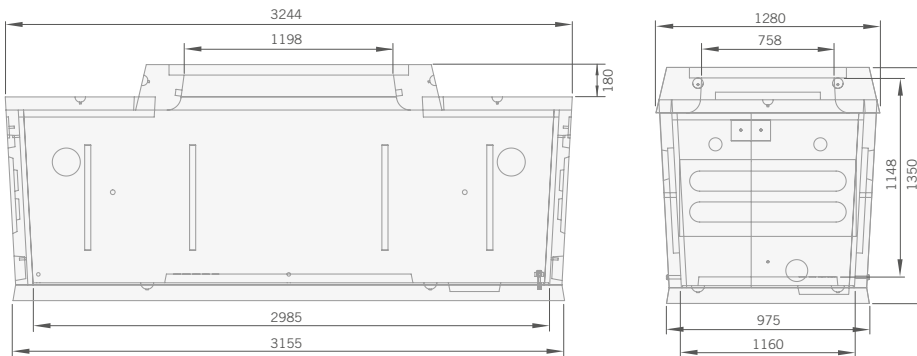
1500 x 1500 x 1500
Product Code 524114



MANHOLE AND RISER ASSEMBLY CUT VIEW

Product Code (Pit only)	524112	524113	524118	524114
Dimensions	1000 x 600 x 1000	1000 x 1000 x 1195	1200 x 1200 x 1195	1500 x 1500 x 1500
A	1180	1180	1430	1750
B	780	1180	1430	1750
C	1090	1300	1300	1625
D	1090	1090	1335	1660
E	720	1090	1335	1660
F	996	997	1247	1497
G	597	997	1247	1497
H	955	1160	1165	1455
I	917	916	1162	1417
J	545	916	1162	1417

Please note: All pits designed and constructed using steel bar and mesh reinforcement with minimum 40Mpa concrete to ensure integrity and strength of construction as required in air/road installations. All precast concrete pits are structurally certified and available with GMS hinged locking cover assemblies in Class B, C or with concrete roof encasements incorporating cast iron access covers in Class B or D. Riser extensions available for all pits – 300mm in height.

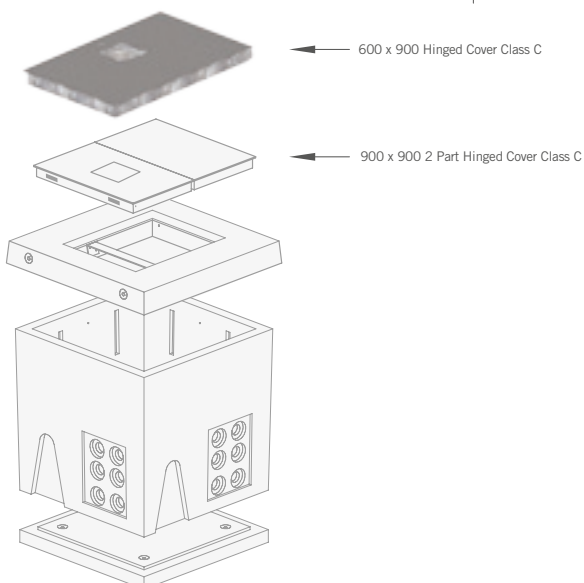
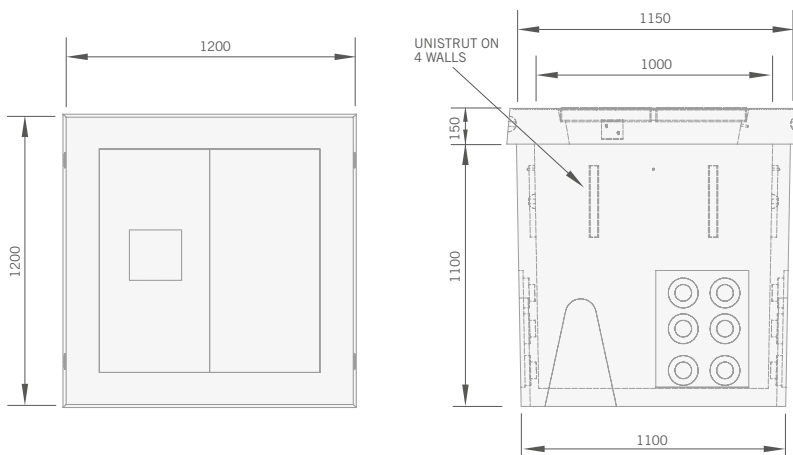


C4 Pit (Type B style)

Product Code 522377

Hinged Class D Locking SCEC.

Product code 392029



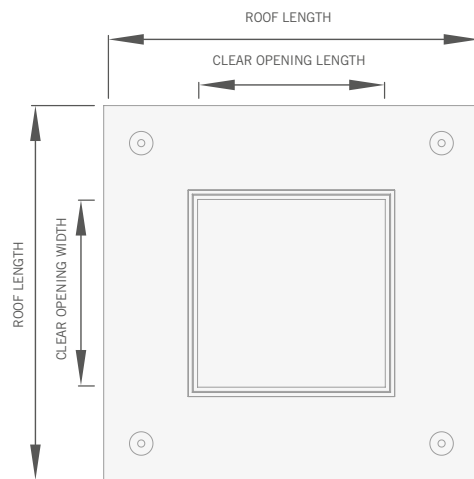
JD 110 Pit

1000 x 1000 x 1000

With Floor Product Code 524115

The JD110 Pit and access roof assembly is also available with standard non lockable access covers for general communications and electrical applications not requiring security closure.

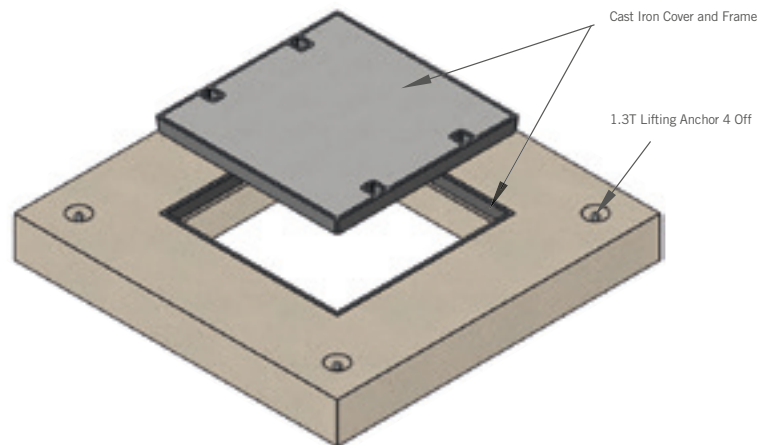
Please Note: Pit can be ordered with a separate floor to enable installation over existing conduits.



PLAIN VIEW

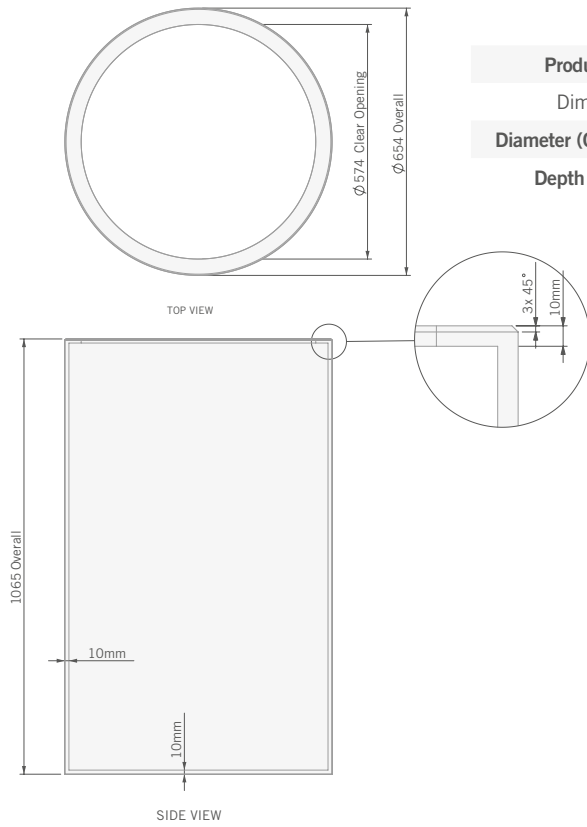


ELEVATION VIEW



Pit Size	Precast Concrete Roof Slab		Cast Iron Covers & Frames / Frame Opening Size				
	Roof Length x Width	Roof Thickness	Clear Opening Length x Width	Class B		Class D	
				Thickness (mm)		Thickness (mm)	
				Frame	Cover	Frame	Cover
1500 x 1500 x 1500	1800 x 1800	200	750 x 750	48	37	89	73
1200 x 1200 x 1195	1500 x 1500	200	750 x 750	1750	37	89	73
1000 x 1000 x 1195	1200 x 1200	200	600 x 600	1625	37	89	73
1000 x 600 x 1000	1200 x 1200	200	600 x 600	1660	37	89	73

Please Note: Special encasement sizes manufactured to specification for all Class ratings such as Class G for Airports and Ports.



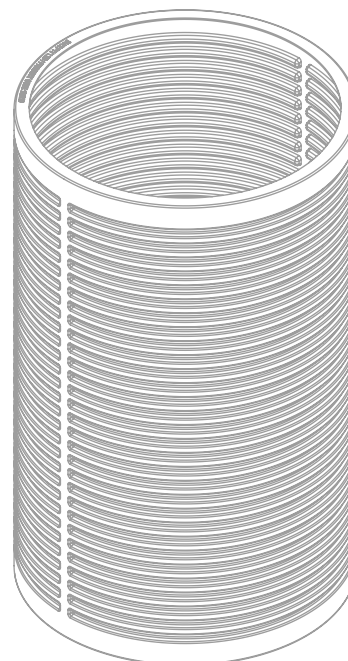
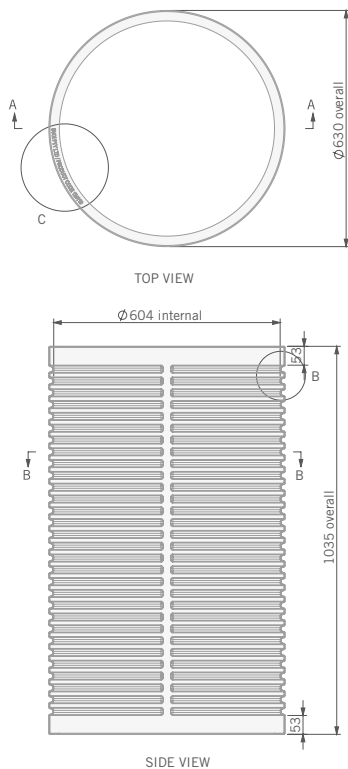
Product Code	124120
Dimension	dia 654 x 1065
Diameter (Clear Opening)	574
Depth (Internal)	1045



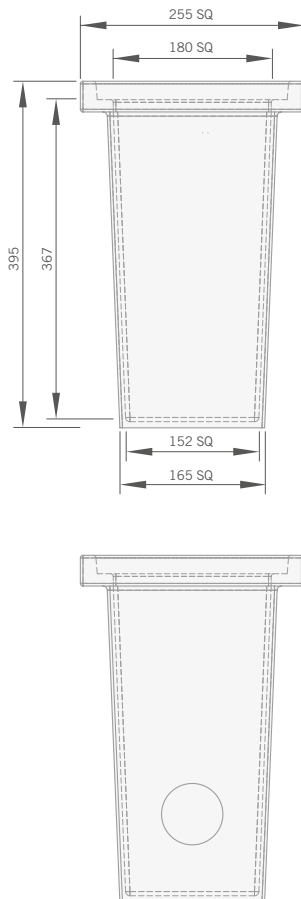
**Class B Cast Iron Cover
with Collar (Vic Roads)**
Product Code 300S6BVRE

**600 dia Road Corp Ring (plastic)
(Vic Roads)**
Product Code 124120

Please note: Various company logos available upon request.

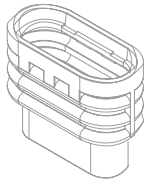


As specified for
Victorian Road Authority.

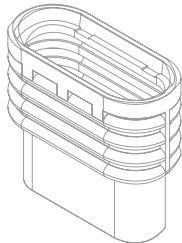


Detector Pit Lid
Product Code 124101

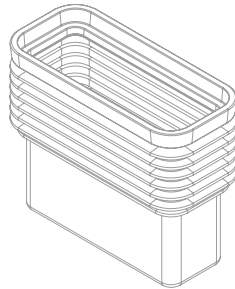
Detector Pit (plastic) (Vic Roads approved)
220 x 220
Product Code 124100



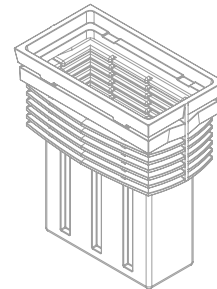
P1 Pit
Product Code 124000



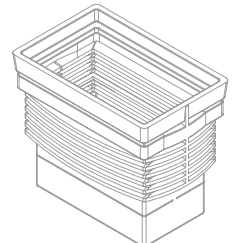
P2 Pit
Product Code 124015



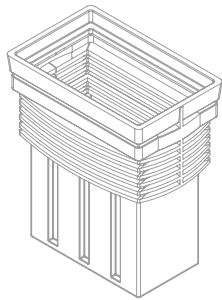
P3 Pit
Product Code 124020



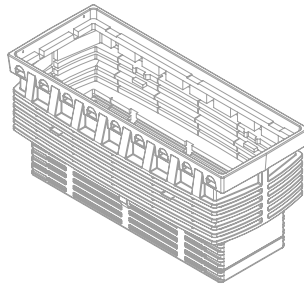
P4 Pit
Product Code 124025



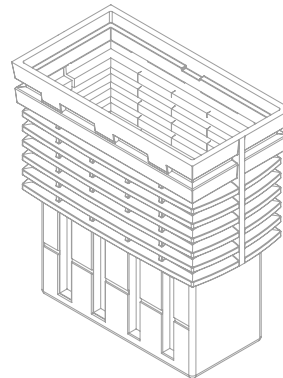
P5 Pit
Product Code 124030



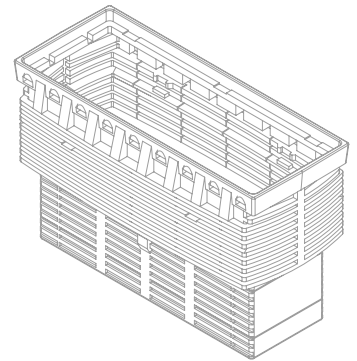
P5-800 Pit
Product Code 124031



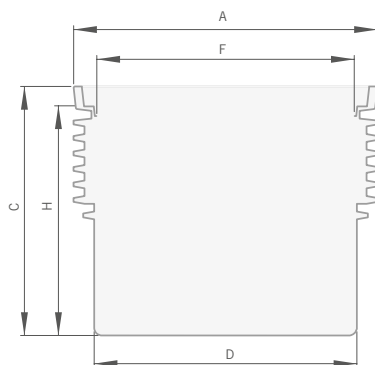
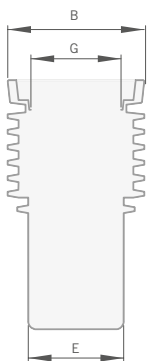
P6 Pit
Product Code 124040



P7 Pit
Product Code 124042



P8 Pit
Product Code 124045

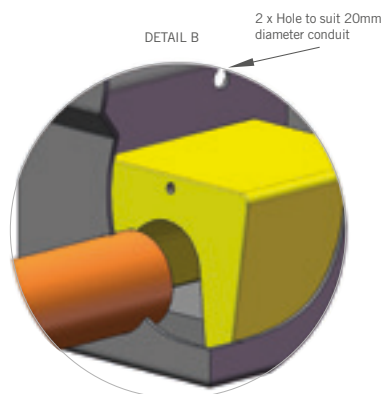
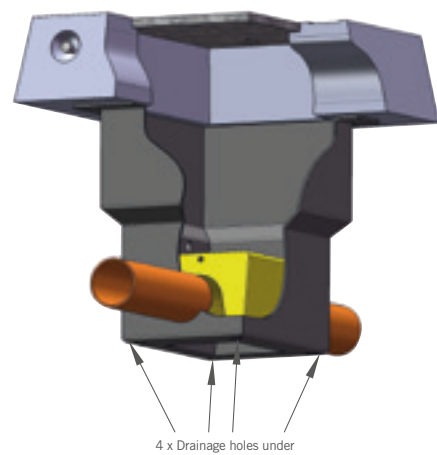
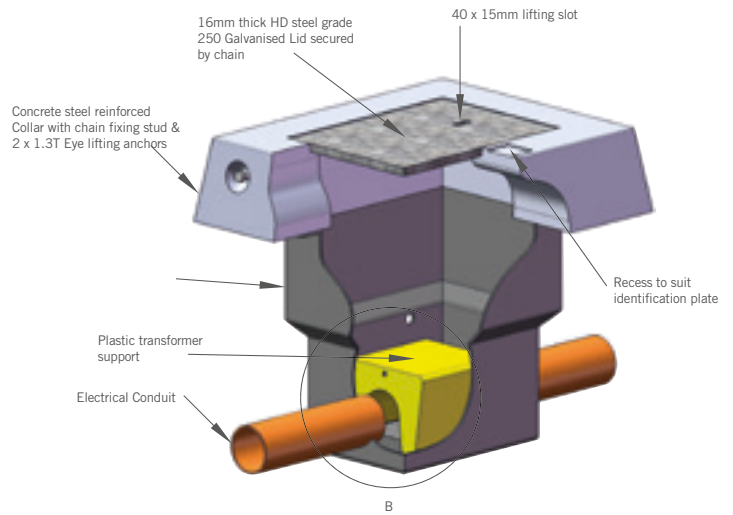
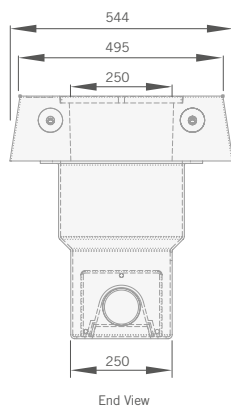
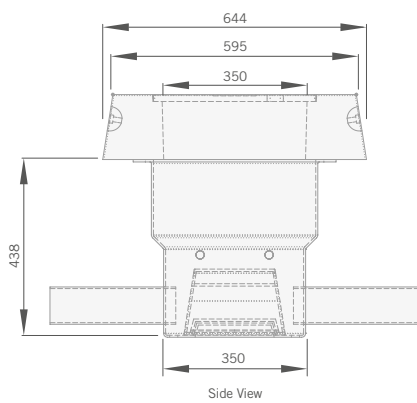
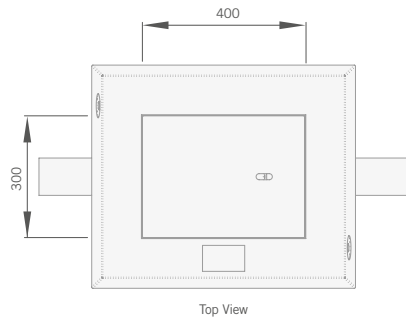


Please Note: Plastic riser extensions available for P4, P5 and P6/8 Pits.
Concrete, GMS or cast iron access covers available in Class A or B loading
(Class A only in concrete). Concrete plinths available for select range for use
with heavier duty cover options and security installations.

A x B x C x D x E - Overall Dimensions F x G x H - Clear Opening Size

Product Code	124000	124015	124020	124025	124030	124031	124040	124042	124045
	P1 Dimensions	P2 Dimensions	P3 Dimensions	P4 Dimensions	P5 Dimensions	P5-800 Dimensions	P6 Dimensions	P7 Dimensions	P8 Dimensions
A	516	661	785	704	700	700	1364	1020	1364
B	232	290	353	398	450	450	610	560	610
C	408	580	590	830	605	830	660	1130	880
D	410	540	678	550	570	570	1200	860	1200
E	125	170	246	240	320	320	410	400	410
F	425	550	664	582	580	580	1241	898	1241
G	140	185	232	277	330	330	431	440	431
H	350	522	532	774	549	774	600	1070	820

For runway lighting applications



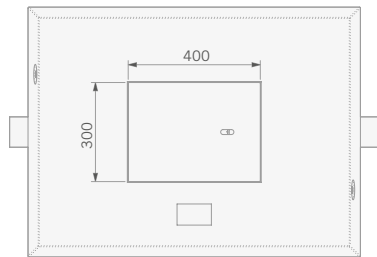
SIT Pit
Product Code 124060

SIT Transformer Support
Product Code 124065

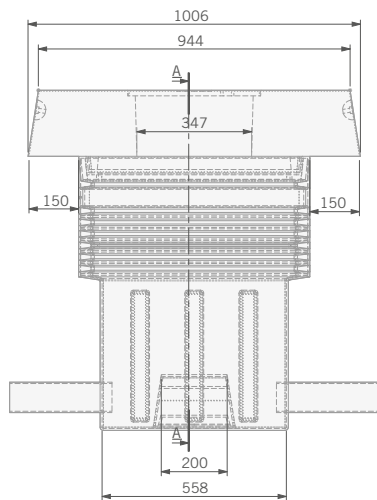
SIT Collar Concrete
Product Code 523165

SIT GMS Cover C/W Chain
Product Code 321200

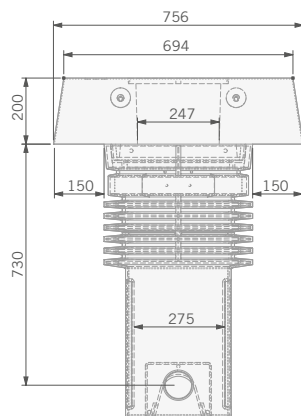
For runway lighting applications



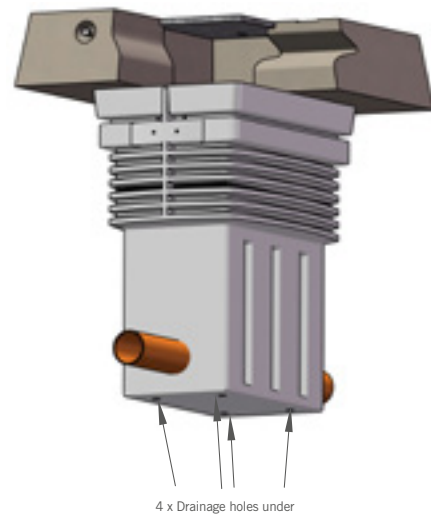
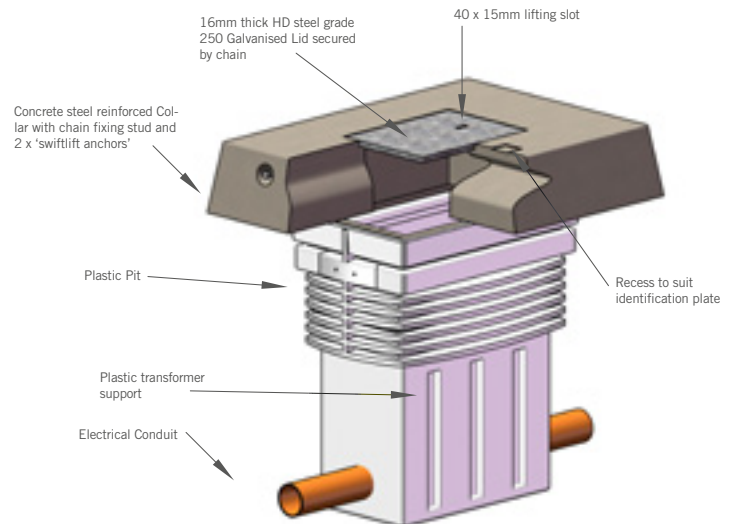
Top View



Side View



End View



SIT Pit P5-800
Product Code 124031

SIT Transformer Support
Product Code 124065

SIT Pit P5-800 Collar Concrete
Product Code 523166

SIT GMS Cover C/W Chain
Product Code 321200