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Selection of Pedestrian Refuges - Left Hand and Right Hand

Please Note:
Left Hand refers to the Off Kerb Refuge
Right Hand refers to the Off Centre Refuge
**SPLITTER ISLAND**

- Traffic sign sockets - to suit your requirements.
- Available in four widths:
  - Narrow (380mm)
  - Medium (600mm)
  - Wide (1000mm)
  - Extra Wide (1200mm)
- Suitable for private and public car parks, roads and shopping centres.
- Reinforced with five longitudinal bars and spaced cross bars.
- Permanent or temporary placement, with truck crane.
- Locate on site with megapoxy or drive pins (method optional).

**Available Sizes:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Width (mm)</th>
</tr>
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<tbody>
<tr>
<td>1074</td>
<td>Narrow</td>
</tr>
<tr>
<td>1071</td>
<td>Medium</td>
</tr>
<tr>
<td>1070</td>
<td>Wide</td>
</tr>
<tr>
<td>1069</td>
<td>Extra Wide</td>
</tr>
<tr>
<td>1069</td>
<td>Wide</td>
</tr>
<tr>
<td>1094 (End)</td>
<td>Wide</td>
</tr>
<tr>
<td>1096 (Centre)</td>
<td>Wide</td>
</tr>
</tbody>
</table>

**6m Typical Set (Splitter Islands)**
SINGLE SPLITTER ISLAND

- Suitable for private and public car parks, roads and shopping centres.
- Traffic sign sockets - to suit your requirements.
- Reinforced with five longitudinal bars and spaced cross bars.
- Installed and secured by fast and easy method.
- Supplied terracotta coloured concrete with white reflective painted edge (other colours available upon request).

End View

<table>
<thead>
<tr>
<th>Width</th>
<th>150</th>
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<tbody>
<tr>
<td>600</td>
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<tr>
<td>280</td>
<td></td>
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<tr>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

CODE: 1072

C - M Concrete Products Pty Ltd

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Keeping you streets ahead
CHICANE SPLITTER

- This island is used on approach to and chicane type set.
- Temporary setting for stop sign on construction locations.

CODE: 1075

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PEDESTRIAN REFUGE

- Eliminates lengthy traffic delays.
- Installed and secured by fast and easy method.
- Increased savings on time and labour
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

PLAN

Available in Right or Left Hand Units

SIGN POST with LOC- SOCKET

Reinforcement AF72

Floor Plate Design Top Pattern

CODE: 1082R

CODE: 1082L

1.3 Foot Anchors (x3)

1570

2730

2920

R300

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TWEED PEDESTRIAN REFUGE

- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.
- Installed and secured by fast and easy method.
- Eliminates lengthy traffic delays.
- Available in right or left hand units.

CODE: 1086R

PLAN

SIDE ELEVATION

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**PEDESTRIAN REFUGE**

- Increased savings on time and labour
- Eliminates lengthy traffic delays.
- Factory made using high quality concrete and production techniques.
- Installed and secured by fast and easy method.
- All features combine to assist an overall safety practice.

**POSSIBLE MODULAR COMBINATIONS**

- Dimensions and details
  - LOC-SOC (for sign post) - position to suit
  - R300
  - Note: 16mm drive pins (3 per module and 4 per centre module)

**MODULES**

- Code: 1087L
- Code: 1088
- Code: 1089

**ELEVATION**

- Reinforcement AF72
- 1.3 SWIFTLIFT (x3)
- Floor Plate design Top Pattern
- Available in left or right hand units.

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PEDESTRIAN REFUGE

- Increased savings on time and labour
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

- Eliminates lengthy traffic delays.
- Installed and secured by fast and easy method.

POSSIBLE MODULAR COMBINATIONS

2.40m wide UNIT

- Code: 1091
- Eliminates lengthy traffic delays.
- Installed and secured by fast and easy method.
- Increased savings on time and labour
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

2.40m wide UNIT

- Code: 1092
- Code: 1090
- LOC-SOC (for sign post) - position to suit
- R300
- Note - 16mm Drive Pins
- Floor plate design
- 1.3 SWIFTLIFT (x3)
- Code: 1091
- ELEVATION
  - 160 TYP.
  - 150
  - 50
  - Reinforcement AF72

Available in left or right hand units.
PEDESTRIAN REFUGE - KS

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

Location of signpost

1 in 30

Reinforcement AF 72

CODE: 0901

1.90

1.20

1.90

1.04

0.45

0.6

R3.0

1.40

1.35

150

50

R9.0

0.60

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PEDESTRIAN REFUGE - KM

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

Location of signpost

R9.0
1 in 30
0.60
150
1.90
1.20
3.25
1.70
1.40
1.35
50

Reinforcement
AF 72

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PEDESTRIAN REFUGE - KL

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

Location of signpost

Reinforcement AF 72

CODE: 0904

CODE: 0905

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PEDESTRIAN REFUGE - KB

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- All features combine to assist an overall safety practice.
- Factory made using high quality concrete and production techniques.

3 x 16mm Mild Steel Drive Pins

CODE: 0907R

200mm Hole For Sign Loc

NOTE:
1. L denotes Left Hand Refuge.
2. R denotes Right Hand Refuge.
PEDESTRIAN REFUGE - 0908

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.
- Supplied terracotta coloured concrete with white reflective painted edge (other colours available upon request).

Location of signpost

PLAN

SIDE ELEVATION

CODE: 0908

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Branch Office:
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BEAUDESERT QLD 4285
• Eliminates lengthy traffic delays.

• All features combine to assist an overall safety practice.

• Factory made using high quality concrete and production techniques.

• Increased savings on time and labour.

---

PEDESTRIAN REFUGE - 0909 CHICANE

CODE: 0909

4 x 16mm Drive Pins
Loc Socket
Reinforcement AF 72

3m
2m

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Branch Office:
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PEDESTRIAN REFUGE - AB

- Factory made using high quality concrete and production techniques.
- Eliminates lengthy traffic delays.
- All features combine to assist an overall safety practice.
- Increased savings on time and labour.

CODE: 0911 L

3 x 16mm Mild Steel Drive Pins

200mm Hole for Sign Loc

20mm Diameter Hole for 16mm Mild Steel Drive Pins 260mm long

CODE: 0911 R

Note:
1. L Denotes Left Hand Refuge.
2. R denotes Right Hand Refuge.
PEDESTRIAN REFUGE - KC

- Factory made using high quality concrete and production techniques.
- Eliminates lengthy traffic delays.
- All features combine to assist an overall safety practice.
- Increased savings on time and labour.
- Supplied terracotta coloured concrete with white reflective painted edge (other colours available upon request).

CODE: 0912
3 x 16mm Mild Steel Drive Pins

CODE: 0913L
200mm Hole for Sign Loc

CODE: 0913 R

Refer to the next page for more possible combinations.

Note:
3. L Denotes Left Hand Refuge.
4. R denotes Right Hand Refuge.
PEDESTRIAN REFUGE - 1.5m WIDE

- Factory made using high quality concrete and production techniques.
- Eliminates lengthy traffic delays.
- All features combine to assist an overall safety practice.
- Increased savings on time and labour.
- Supplied terracotta coloured concrete with white reflective painted edge (other colours available upon request).

POSSIBLE COMBINATIONS

0915 - Double Square Cone End
0915 - Single Square Cone End
0916 - Centre
PEDESTRIAN REFUGE 0914

- Factory made using high quality concrete and production techniques.
- Eliminates lengthy traffic delays.
- All features combine to assist an overall safety practice.
- Supplied terracotta coloured concrete with white reflective painted edge (other colours available upon request).
- Increased savings on time and labour.

Note:
5. L Denotes Left Hand Refuge.

CODE: 0914R

SIDE ELEVATION

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Branch Office:
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PEDESTRIAN REFUGE - 9084

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.

- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

CODE: 9084

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Branch Office:
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PEDESTRIAN REFUGE - 9085

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

200mm Hole Or Sign Loc

3 x 16mm Mild Steel Drive Pins

2400

3500

SIDE ELEVATION

CODE: 9085

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Keeping you streets ahead
PEDESTRIAN REFUGE - 9086

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.

CODE: 9086

SIDE ELEVATION

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Branch Office:
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• All features combine to assist an overall safety practice.

• Increased savings on time and labour.

• Eliminates lengthy traffic delays.

• Factory made using high quality concrete and production techniques.

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SIDE ELEVATION

Location of signpost

CODE: 9087

150 50 2.4 1.0 2.0
PEDESTRIAN REFUGE - 9088

- Factory made using high quality concrete and production techniques.
- Increased savings on time and labour.
- All features combine to assist an overall safety practice.
- Eliminates lengthy traffic delays.

Code: 9088

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Branch Office:
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PEDESTRIAN REFUGE - 1101

- Eliminates lengthy traffic delays.
- Increased savings on time and labour.
- Factory made using high quality concrete and production techniques.
- All features combine to assist an overall safety practice.
- Barrier Kerb

Concrete - N 40
Cover - 50mm
Lifters - 3x 2.5 Swift Lift Anchors
Est. Weight - 2.7 Tonne

1101 - Right

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Branch Office:
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PEDESTRIAN REFUGE - 1102

- Eliminates lengthy traffic delays.
- Barrier Kerb
- Increased savings on time and labour.
- All features combine to assist an overall safety practice.
- Factory made using high quality concrete and production techniques.

Island comes in Two Pieces
Concrete - N 40
Cover - 50mm
Lifters - 3 x 1.3 Swift Lift Anchors

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Custom Made Precast Traffic Islands

- C-M Concrete Products can manufacture a range of Custom Sized Precast Islands made using high quality concrete and production techniques.
- For easy and speedy placement on site with a crane truck.
- Eliminates lengthy traffic delays.
- Suitable for car parks, roads, shopping centres and development estates.
- Complete range of sign posts and hardware available.
PRECAST 3 METRE ROUND ABOUT

* Factory made using high quality concrete and production techniques.

* Installed and secured using M16 Galv drive pins.

* 1.3t Foot Anchors (3 Qty) for Safe Lifting into Place

* Loc Socket cast in for sign post.

* AF72 Reinforcement

---

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Interlocking Kerbs are used on roads for temporary lane diversions / construction sites.

Optional fencing can be installed using the loc socket system for barrier mesh or steel mesh fencing.

Rebated 15mm for Connector Plate

2 x 16mm S/S Thread Anchors

1 x 1.3T Swiftlift Anchor

Connector Plate: 50x5 Gal Flat Bar w/- 2 x 20mm Holes

8TM 300 Mesh

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DELINEATOR SPLITTER ISLAND

PLAN VIEW

SIDE EVALUATION VIEW

END EVALUATION

- N40 Concrete
- Weight: 95Kg
- 1 x 1.3T Reid Systems Swift Lift
PRECAST 1650mm WHEELSTOP

- Manufactured to Aust. Std's
  AS/NZS2890.1:2004

- Location Holes
  2 x 20 Dia at 260 from ctrs

- Bitumen surface mounting
  recommend 200 long x 16 Dia
  Galv Drive Pins x 2

- Concrete surface mounting
  recommend 16mm sleeve
  anchor or 12mm Hex Head
  Screw Bolt

Approx Weight 81Kg
PRECAST 2000mm WHEELSTOP

- Manufactured to Aust. Std's AS/NZS2890.1:2004
- Bitumen surface mounting recommend 200 long x 16 Dia Galv Drive Pins x 2
- Concrete surface mounting recommend 16mm sleeve anchor or 12mm Hex Head Screw Bolt

Approx Weight 90Kg
LANDSCAPE BARRIER

2400 OAL

2110

ELEVATION

2100

45° Shamfer

2400 OAL

800 OAH

430

60

150

60

460

800 OAH

600 OAW

Sign Loc Socket

Cushion Pad

Drain Hole

Link up Holes
Designed for chain or steel plates

375

2-2.5T Swinglifts

525

45º Shamfer

600 OAW

FRONT VIEW

REAR VIEW

PLAN VIEW

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CAUSEWAY BLOCKS
Typically used on both sides of the causeway.

Issues to be considered:
• Hydraulic Capacity
• Road Geometry
• Vehicle Safety
• Effect of Backwater
• Structural Stability

Weight: 450Kg
Precast Channel Kerb Block
Non Mountable

Weight: 67Kg

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C-M Light Pole Base
For Cross Falls – 1:2 & 1:4

- Maximum Pole Height: 10mtr
- Concrete: N40
- TMR Drawing: 1393

<table>
<thead>
<tr>
<th>Cross Fall</th>
<th>Type</th>
<th>Weight</th>
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<tbody>
<tr>
<td>1:2</td>
<td>Type 2</td>
<td>650Kg</td>
</tr>
<tr>
<td>1:4</td>
<td>Type 4</td>
<td>540Kg</td>
</tr>
</tbody>
</table>

Plan View

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