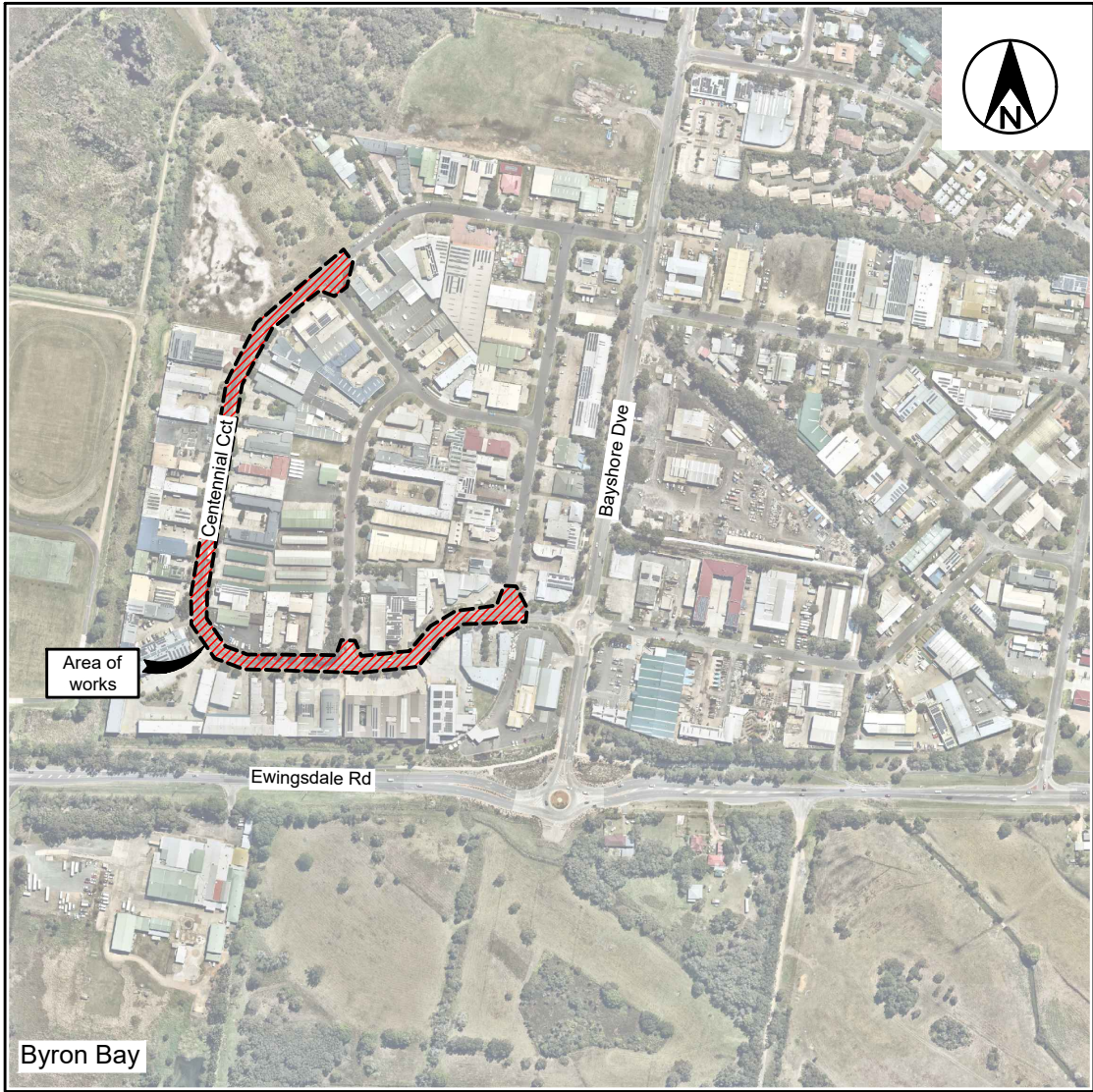


Centennial Circuit, Byron Bay

One-Way permanent install



Byron
Shire
Council



Locality sketch

Index		
Description	DWG No.	Issue
Index and Locality Sketch	2957-01	A
General Notes	2957-02	A
Site Layout & Key Plan	2957-03	B
Intersection Detail Brigantine Street	2957-04	B
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Legend
Issue A, B, C, etc. = Preliminary approvals / tender drawings (NOT FOR CONSTRUCTION)
Issue 1, 2, 3, etc. = Construction issue drawings

Project No
2957

Preliminary
not for construction

☐ Project has been constructed in accordance with these plans

OR

☐ Project has been constructed with departures from these plans as shown marked in red

.....

Construction Engineer

Date:

Approval

on behalf of the General Manager

.....

Director Infrastructure Services

Date:

Project number:	
2957	
Drawing number	Issue
2957-01	A

General

1. These drawings shall be read in conjunction with the relevant Northern Rivers Local Government development design and construction manuals and standard drawings.
2. This note and the following notes form an integral part of this drawing set.
3. All dimensions are in metres unless shown otherwise.
4. Dimensions shall not be scaled from the drawings.
5. Materials and workmanship shall be in accordance with the specifications, together with the requirements of all applicable codes of practice, Australian standards and statutory authorities.
6. Survey data has been compiled from field pick-ups and office records. The project manager should ensure that sufficient data is shown to enable construction without disturbance to features that are not shown on the drawings.
7. Services shown hereon have been located where visible on the site, from information received from relevant authorities and from historical records held by Byron shire council.
8. Prior to any demolition, excavation or construction on site, the relevant authorities should be contacted for possible location of further underground services and detailed location of all services (Dial before you dig 1100).
9. The title boundaries shown hereon were not field investigated or marked at the time of survey and have been determined by plan dimensions only.
10. The origin of co-ordinates is MGA.
11. The datum for levels is AHD.

Site works

1. All soils containing organic matter (e.g. roots, grass etc.) must be stripped from the construction site prior to filling / building works and must not be used as fill material.
2. All exposed surfaces shall be grassed or paved to prevent scour and erosion damage.
3. The constructor is responsible for implementing all necessary sedimentation and erosion control measures specified or deemed necessary to protect the works and adjacent areas.
4. The constructor is responsible for the maintenance and management of a temporary and / or permanent erosion and sedimentation controls during the construction and maintenance period.
5. All oversized material, which may impede compaction, must be removed from the fill platform.
6. Fill is to be uniformly compacted in up to 200-300mm horizontal layers and must achieve a minimum standard of compaction of greater than 95% standard compaction to AS 1289 for cohesive soils, or a density index of greater than 65% for cohesionless soils. Benching of the natural ground will be required on sloping ground prior to commencement of fill operations.
7. Clays of high plasticity or high in-situ moisture content are not to be used as fill.
8. An imported granular fill with a plasticity index preferably less than 15%, with no excessive oversized material, may be used.
9. Field density tests, or equivalent, should be carried out to verify that the standard of compaction is achieved. Field density tests are to be taken over the full depth of the layer or from the bottom of the layer.

Restoration of surfaces

1. The constructor shall clean pavements, lawns and other improved areas and leave them in the same order as they were at the commencement of the works. The constructor shall restore any fencing removed during construction and shall restore lawns with turf cut and set aside from the original surface and with imported turf from a source approved by the construction engineer. (WSA 02 2002 Part 3, Section 25).
2. Immediately after backfilling of a trench excavated through a pavement has been completed, the constructor shall temporarily restore the pavement. Where the trench crosses bitumen or concrete pavement, the surface is to be protected from deterioration. A pre-mixed asphaltic material may be used for such temporary restoration. the constructor shall maintain the temporary restoration until final restoration is carried out. Final restoration of the pavement shall be carried out to restore the pavement and its sub-base to no less than the original condition. Final restoration may include, if required by the construction engineer, the removal of temporary restoration.
3. In other than roadways, the constructor shall place the backfill sufficiently high to compensate for expected settlement and further backfilling shall be carried out or the original backfill trimmed at the end of the defects liability period in order that the surface of the completed trench may then conform with the adjacent surface. Surplus material shall be removed and disposed of to areas arranged by the constructor. Where dry weather conditions have persisted after the original backfilling, including during the defects liability period, the constructor shall take all necessary steps to consolidate the trench before removing surplus materials from the site.
4. In locations where, in the opinion of the construction engineer, surplus material left in the vicinity of the trench would not be objectionable, the surplus material may be disposed by spreading neatly in the vicinity of the trench to the satisfaction of the construction engineer in such a way as to avoid future erosion of the backfill and adjacent ground surfaces. The constructor shall maintain the backfill and adjacent ground until the expiry of the defects liability period.
5. Where, within public or private property, the reasonable convenience of persons will require such, the construction engineer may order the constructor to level trenches at the time of backfilling. The constructor shall make good any subsequent settlement, as required by placing additional fill.
6. The constructor shall immediately restore any damaged or disturbed private property and services.
7. Should the constructor elect to tunnel under paving, kerb and gutter or other improved surfaces in lieu of trenching, backfilling shall be so carried out as to restore full support to those surfaces. The constructor shall remain responsible for the repair of the improved surfaces, if subsequently damaged due to subsidence of the backfill, until the end of the defects liability period.
8. The constructor shall provide notice to affected property owners of any pending works.

Driveways

1. All existing driveways affected by new works are to be cut back, removed & reconstructed using material to match existing.
2. The constructor shall liaise with the property owners regarding any variation to the above.
3. Reconstruction of existing concrete driveway or pathway is to be in accordance with Northern Rivers Local Government D1.37 AND D1.38 "Handbook for driveway access to property" and relevant standard drawings .
4. Reconstruction of existing bitumen sealed driveway shall be of similar construction to that of the existing with a compacted gravel base course

Existing services

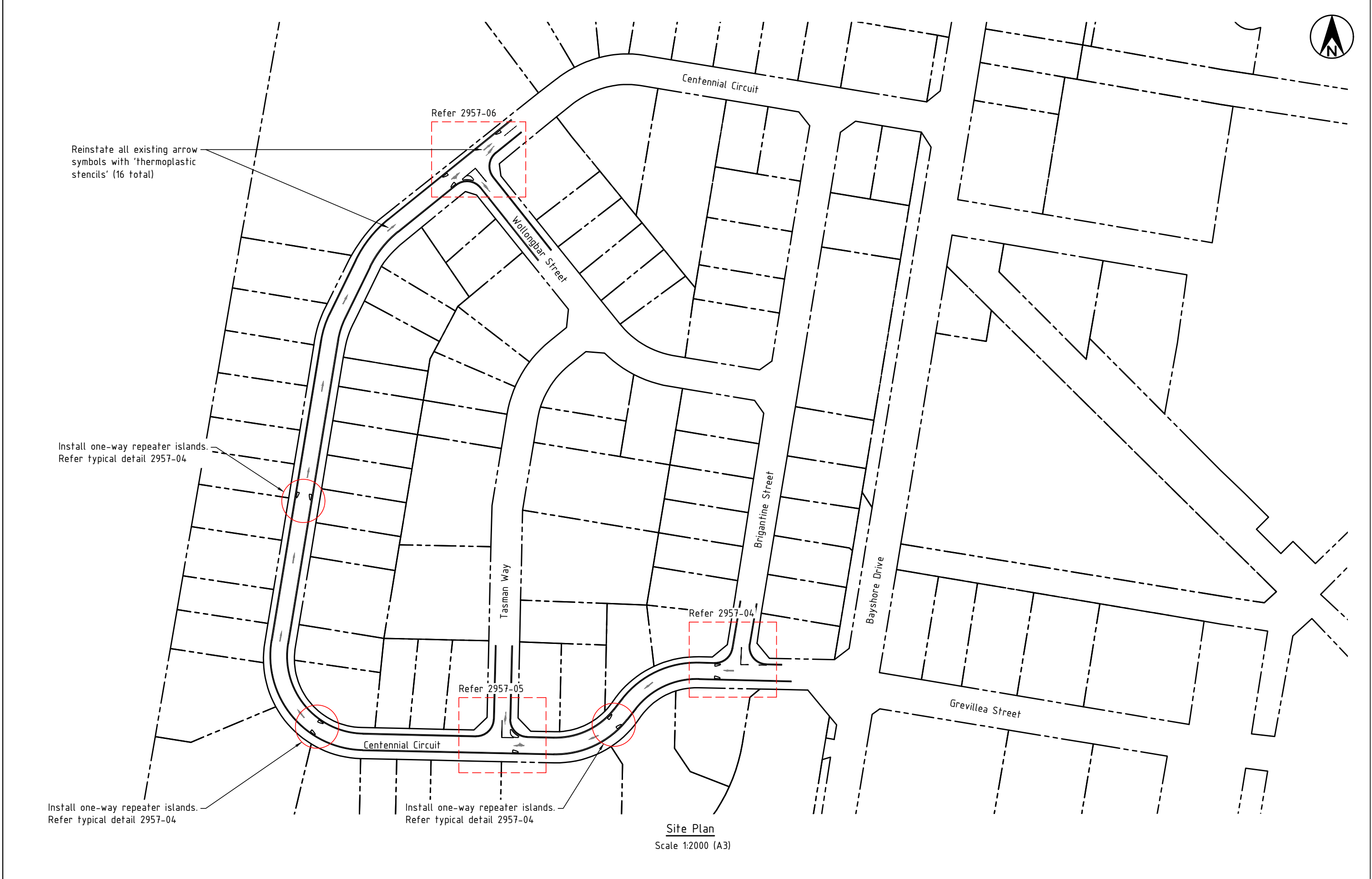
1. The constructor shall be responsible for the location of existing services prior to commencing with the works.
2. The constructor shall be responsible for the replacement of any existing services damaged during construction with new services of equivalent type and specifications.
3. The constructor shall be responsible for liaising with telecommunications and electrical supply authorities with supply and fitting of replacement telecommunications and electricity pits and/or lids to suit his works program
4. When constructing or working near existing pressure mains it should be expected that there are concrete thrust blocks located at bends or other fittings on the existing main. It is very important not to disturb the bearing soil behind the thrust block to avoid failure of the existing pressure main. If excavation around existing thrust blocks can not be avoided then the existing pressure main shall be taken off line during the excavation works.

Concrete

All workmanship and materials shall be in accordance with A.S.3600, current edition with amendments

1. Concrete quality (unless otherwise shown) shall be as follows
 - coarse aggregate - maximum size 20mm
 - cement - type "A" Portland cement.
 - concrete shall have the following slump during placement
 - beams, slabs and footings 80mm
 - columns and walls 80mm
3. Slab joints shall be placed as follows
 - footpaths - as per Northern Rivers Local Government standard drawing R-07
 - Slabs and walls - refer to slab jointing plan within this drawing set
 - Slab sawn joints shall be cut within 24 hours of slab pouring in a neat and straight cut.
4. All splatter to surrounding surfaces shall be cleaned up immediately
5. Cover to reinforcement shall be obtained by the use of plastic bar chairs with maximum spacing of 800mm in any direction
6. All concrete shall be compacted using high frequency vibrators.
7. Curing of concrete surfaces shall commence immediately after surfaces are finished and shall continue to cure for a minimum of 7 days
8. Slabs with specific rough finishes shall be kept free of bleed water and floated to prevent the formation of plastic shrinkage cracks.

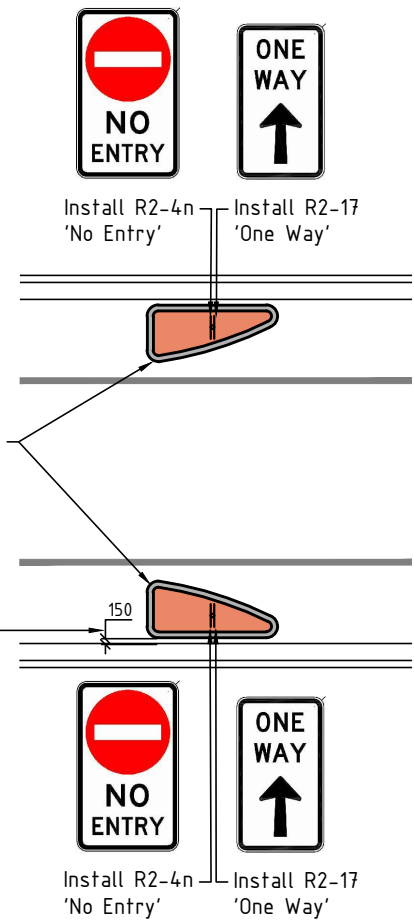
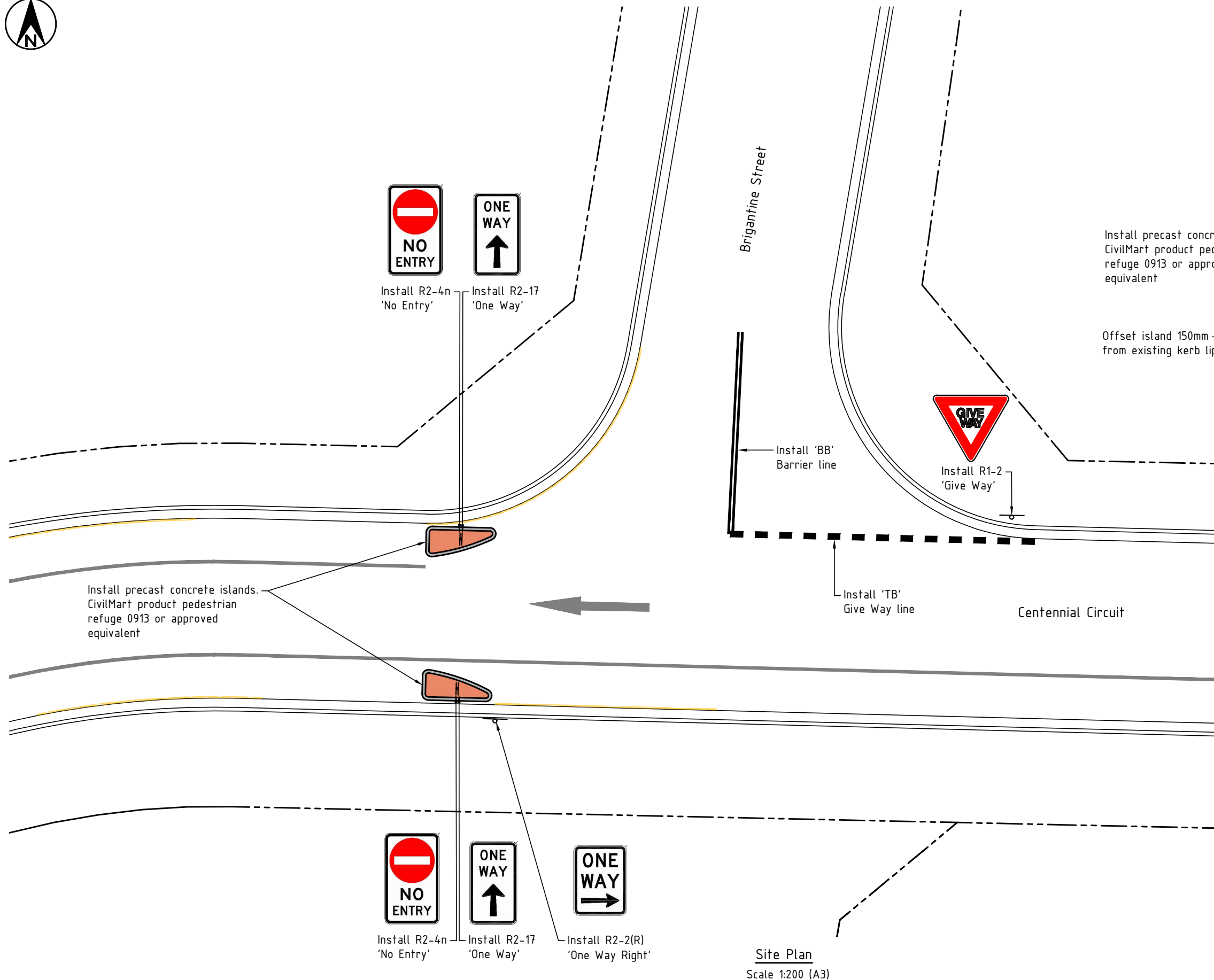
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Site Plan
Scale 1:2000 (A3)

<div>PRELIMINARY NOT FOR CONSTRUCTION</div>		<div>SCALE: A1 SHEET 1:1000, A3 SHEET 1:2000 0 10 20 40 60 80 100m</div>		<div>Infrastructure Services Council offices 70-90 Station Street, Mullumbimby NSW 2482. Phone 02 66267000 Fax 02 66843018 Website www.byron.nsw.gov.au</div>		<div>BYRON SHIRE COUNCIL</div>		<div>Approved on behalf of the General Manager Date</div> <table><tr><td>Designed</td><td>Geolink</td><td>04.08.22</td></tr><tr><td>Drawn</td><td>A.D.</td><td>04.08.22</td></tr><tr><td>Checked</td><td>H.K.</td><td>04.08.22</td></tr><tr><td>Horizontal datum</td><td colspan="2">MGA</td></tr><tr><td>Vertical datum</td><td colspan="2">AHD</td></tr></table>		Designed	Geolink	04.08.22	Drawn	A.D.	04.08.22	Checked	H.K.	04.08.22	Horizontal datum	MGA		Vertical datum	AHD		<div>Project: Centennial Circuit, Byron Bay One-Way permanent install</div>		<div>Project number: 2957</div>	
Designed	Geolink	04.08.22																										
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B	Additional line marking	A.D.	H.K.	03.11.22																								
A	Original issue	A.D.	H.K.	04.08.22																								
Drawn	Check	Date	# Use figured dimensions only. Do not scale.																									

ACAD FILE No: G:\Engineer\CAD\2900-2999\2957-Centennial Cct One-way permanent install\Civil Design\DWG\PRELIMINARY\2957-Centennial Cct One Way.dwg



Repeater Sign - Typical Detail
Scale 1:200 (A3)

Refer 2957-03 for repeater sign island locations

- Legend**
- Existing Property boundary
 - Existing kerb (approx. location)
 - Existing line marking
 - Existing 'No stopping' line marking
 - Proposed concrete island
 - Proposed sign

PRELIMINARY

NOT FOR CONSTRUCTION

B	Additional line marking	A.D.	H.K.	03.11.22
A	Original issue	A.D.	H.K.	04.08.22
Issue	Amendment details	Drawn	Check	Date

SCALE: A1 SHEET 1:100, A3 SHEET 1:200

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Infrastructure Services

Council offices
70-90 Station Street,
Mullumbimby NSW 2482.

Phone 02 66267000
Fax 02 66843018
Website www.byron.nsw.gov.au

BYRON SHIRE COUNCIL

Approved on behalf of the General Manager

..... Date

Designed	Geolink	04.08.22
Drawn	A.D.	04.08.22
Checked	H.K.	04.08.22
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Project:
Centennial Circuit, Byron Bay
One-Way permanent install

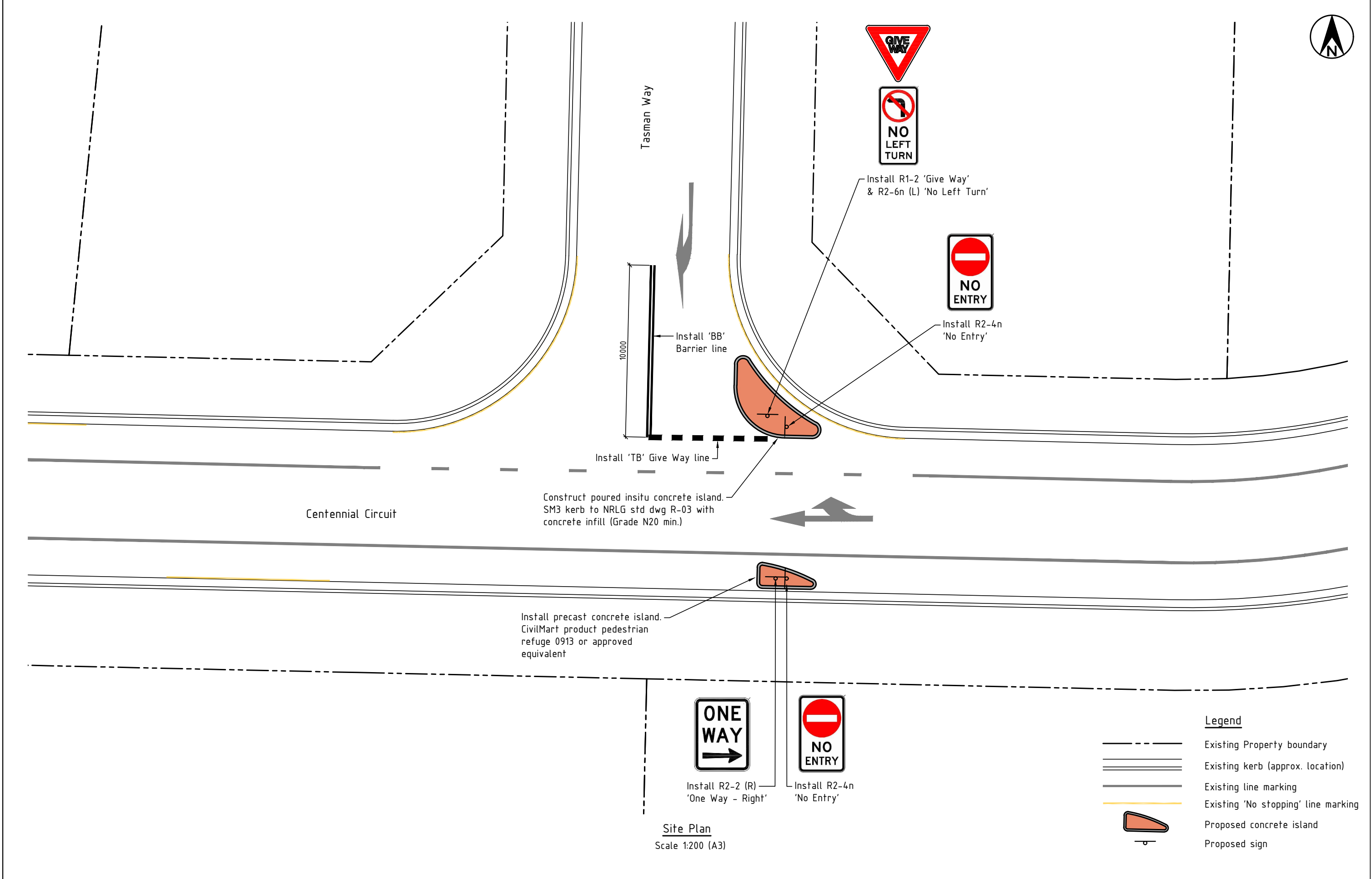
Plan title:
Intersection Detail
Brigantine Street

Project number:
2957

Drawing number
2957-04

Issue
B

ACAD FILE No: G:\Engineer\CAD\2900-2999\2957-Centennial Cct One-way permanent install\Civil Design\DWG\PRELIMINARY\2957-Centennial Cct One Way.dwg



Site Plan
Scale 1:200 (A3)

PRELIMINARY

NOT FOR CONSTRUCTION

B	Additional line marking	A.D.	H.K.	03.11.22
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BYRON
SHIRE
COUNCIL

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Project: Centennial Circuit, Byron Bay
One-Way permanent install

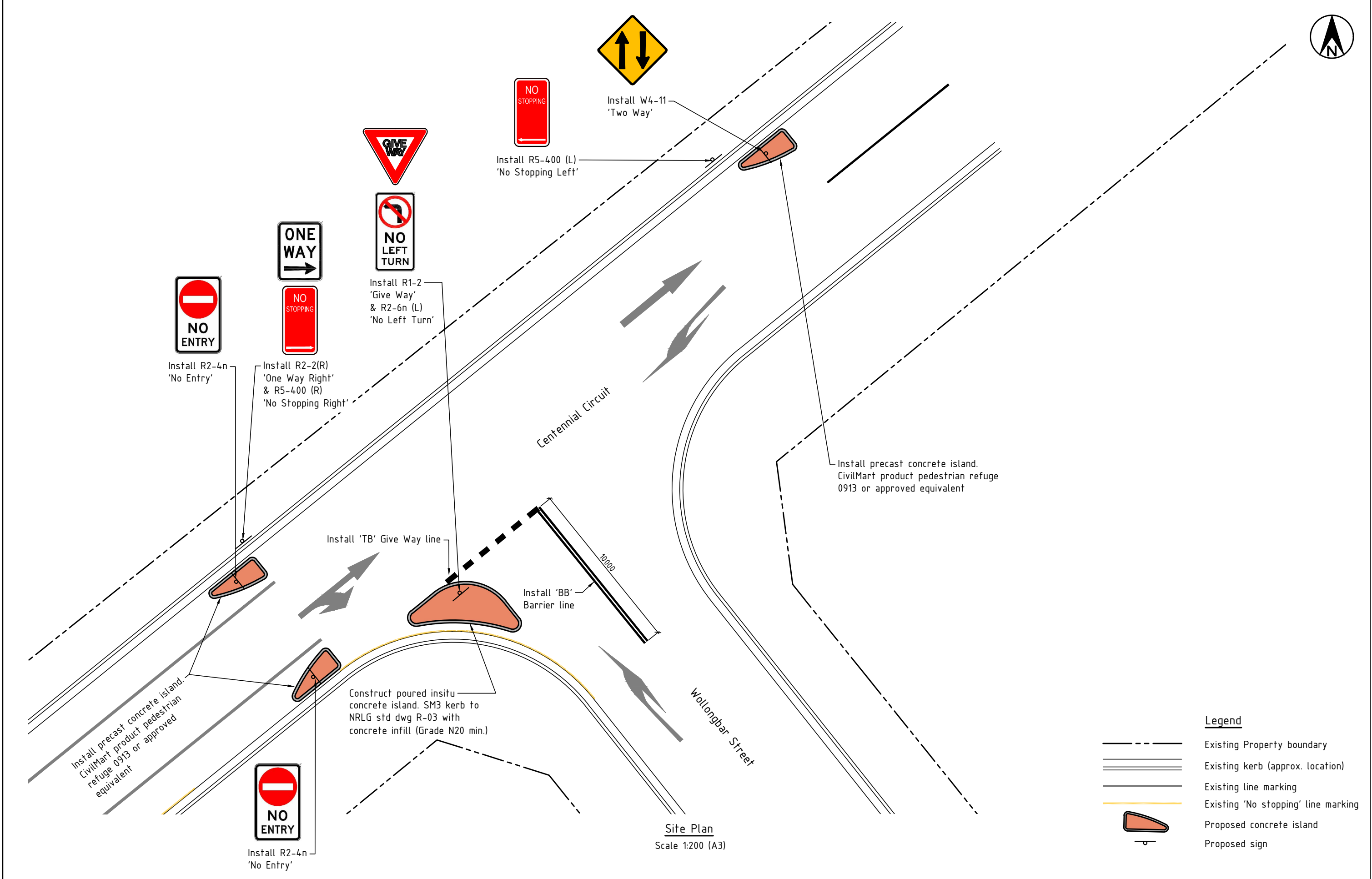
Plan title: Intersection Detail
Tasman Way

Project number: 2957

Drawing number: 2957-05

Issue: B

ACAD FILE No: G:\Engineer\CAD\2900-2999\2957-Centennial Cct One-way permanent install\Civil Design\DWG\PRELIMINARY\2957-Centennial Cct One Way.dwg



<div>PRELIMINARY</div> <div>NOT FOR CONSTRUCTION</div>					<div>SCALE: A1 SHEET 1:100, A3 SHEET 1:200</div> <div><div></div><div>01246810 m</div></div>					<div>Infrastructure Services</div> <div>Council offices 70-90 Station Street, Mullumbimby NSW 2482.</div> <div>Phone 02 66267000 Fax 02 66843018 Website www.byron.nsw.gov.au</div>					<div></div> <div>BYRON SHIRE COUNCIL</div>					<div>Approved on behalf of the General Manager</div> <div>..... Date</div> <table><tr><td>Designed</td><td>Geolink</td><td>04.08.22</td></tr><tr><td>Drawn</td><td>A.D.</td><td>04.08.22</td></tr><tr><td>Checked</td><td>H.K.</td><td>04.08.22</td></tr><tr><td>Horizontal datum</td><td colspan="2">MGA</td></tr><tr><td>Vertical datum</td><td colspan="2">AHD</td></tr></table>					Designed	Geolink	04.08.22	Drawn	A.D.	04.08.22	Checked	H.K.	04.08.22	Horizontal datum	MGA		Vertical datum	AHD		<div>Project:</div> <div>Centennial Circuit, Byron Bay</div> <div>One-Way permanent install</div>					<div>Project number:</div> <div>2957</div>				
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