

## Shoalhaven Traffic Committee

**Meeting Date:** Tuesday, 10 December, 2019  
**Location:** Jervis Bay Rooms, City Administrative Centre, Bridge Road, Nowra  
**Time:** 9.30am

**Please note:** Council's Code of Meeting Practice permits the electronic recording and broadcast of the proceedings of meetings of the Council which are open to the public. Your attendance at this meeting is taken as consent to the possibility that your image and/or voice may be recorded and broadcast to the public.

### Agenda

#### 1. Apologies

#### 2. Confirmation of Minutes

- Shoalhaven Traffic Committee - 12 November 2019.....1

#### 3. Business Arising from Previous Minutes

#### 4. Reports of the Convenor

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#### 5. General Business

**Note:** The next meeting will be held on Tuesday 11 February 2020.

**Membership**

Mr Tom Dimec  
Ms Kelly Cherry  
Sergeant Nick Richardson  
Mr Alan Trass  
Mr Stuart Coughlan  
Clr Jo Gash  
Clr Patricia White  
Clr Mitchell Pakes

The Shoalhaven Traffic Committee is a technical review committee, not a committee of Council under the Local Government Act 1993. The Roads and Maritime Services (RMS) has delegated certain powers to Council under the Transport Administration Act 1988 (Section 50). A condition of this delegation is that Council must take into account the Traffic Committee recommendations.

There are four formal members of the Traffic Committee, *each of whom has a single vote only*. The members are representatives from:

- NSW Police Force
- RMS
- Shoalhaven City Council
- Local State Member of Parliament (for the location of the issue to be voted upon)

If the RMS or NSW Police Force disagrees with any Traffic Committee recommendation, or Council's resolution (on any Traffic Committee recommendation), they may lodge an appeal with the Regional Traffic Committee for determination. The appeal must be lodged in writing within 14 days of the date of notification in writing. Any action relative to any issue under appeal must cease until the matter is determined. The Regional Traffic Committee is chaired by an independent chairperson and submissions and representations are welcomed from all interested parties.

Council cannot amend a Traffic Committee recommendation. The Council can only: adopt the Traffic Committee recommendation; not adopt the Traffic Committee recommendation, or request the Traffic Committee reconsider the issue.

**The full guide to the delegation to Council's for the regulation of traffic can be viewed at [RMS Website](#)**

## MINUTES OF THE SHOALHAVEN TRAFFIC COMMITTEE

**Meeting Date:** Tuesday, 12 November 2019  
**Location:** E-Meeting

The following members participated:

Tom Dimec - Convenor  
Alan Trass  
Stuart Coughlan  
A/Sgt Joel Matheson  
Kelly Cherry

### Apologies / Leave of Absence

Nil

### Confirmation of the Minutes

**RESOLVED** (By consent)

That the Minutes of the Shoalhaven Traffic Committee held on Tuesday 08 October 2019 be confirmed.

CARRIED

### Business Arising from Previous Minutes

Nil

## REPORTS OF THE CONVENOR

**TC19.57 Corks Lane, MILTON - Lot 35 - DP 262647 - Residential Subdivision (PN 3562)**

**HPERM Ref:  
D19/387945**

### Recommendation

That the Chief Executive Officer (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed raised thresholds and pedestrian refuge on Corks Lane and Myrtle Forest Road, Milton as detailed in plan No (D19/380605), subject to:

1. Changing Give Way Hold Line Marking TB to TB / TB1

2. Indicating the sign code for the Give Way signage
3. Providing C3 yellow line marking in addition to No Stopping Signage at locations indicated along Myrtle Forest Drive
4. Providing a revised design of the kerb ramp in accordance with Council's Engineering Design Specifications, as it currently shows it extending into the lip of the gutter, when it should finish at the face of the kerb
5. Provision of a larger scale in the mountable concrete apron detail
6. Submission of the revised plans to Council's Engineering Design Unit

**RECOMMENDATION** (By consent)

That the Chief Executive Officer (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed raised thresholds and pedestrian refuge on Corks Lane and Myrtle Forest Road, Milton as detailed in plan No (D19/380605), subject to:

1. Changing Give Way Hold Line Marking TB to TB / TB1
2. Indicating the sign code for the Give Way signage
3. Providing C3 yellow line marking in addition to No Stopping Signage at locations indicated along Myrtle Forest Drive
4. Providing a revised design of the kerb ramp in accordance with Council's Engineering Design Specifications, as it currently shows it extending into the lip of the gutter, when it should finish at the face of the kerb
5. Provision of a larger scale in the mountable concrete apron detail
6. Submission of the revised plans to Council's Engineering Design Unit.

CARRIED

**TC19.58 30 Degree On Street Parking Formalisation - McIntosh St, SHOALHAVEN HEADS (PN 3567)**

**HPERM Ref:  
D19/387857**

**Recommendation**

That the CEO (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed signage and line marking along McIntosh Street; this will formalise the on-street parking along McIntosh Street, Shoalhaven Heads, as per plan No (D19/388714).

**RECOMMENDATION** (By consent)

That the CEO (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed signage and line marking along McIntosh Street; this will formalise the on-street parking along McIntosh Street, Shoalhaven Heads, as per plan No (D19/388714).

CARRIED

**TC19.59 Modifications to Seamans Beach Carpark - Cyrus St - Hyams Beach (PN 3568)**

**HPERM Ref:  
D19/387929**

**Recommendation**

That the CEO (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed signage and time restrictions to the Seamans Beach Carpark on Cyrus Street, Hyams Beach as detailed in plan No 2676.07 (D19/358695). These plans have been developed in consultation with the council and the Hyams Beach Village Association.

**RECOMMENDATION** (By consent)

That the CEO (Director Assets & Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed signage and time restrictions to the Seamans Beach Carpark on Cyrus Street, Hyams Beach as detailed in plan No 2676.07 (D19/358695). These plans have been developed in consultation with the council and the Hyams Beach Village Association.

CARRIED

**TC19.60 Recommendations from Previous Meeting****HPERM Ref:**  
**D19/388652****Recommendation (Item to be determined under delegated authority)**

That the report regarding the recommendations from the previous meeting be received for information.

**RESOLVED** (By consent)

That the report regarding the recommendations from the previous meeting be received for information.

CARRIED

There being no further business, the meeting concluded.

Mr Tom Dimec  
CONVENOR

## TC19.61 Recommendations from Previous Meeting

**HPERM Ref:** D19/427662

**Convenor:** Tom Dimec

### **Recommendation (Item to be determined under delegated authority)**

That the report regarding the recommendations from the previous meeting be received for information.

### **Details**

The minutes of the Shoalhaven Traffic Committee meeting held on 12 November 2019 are included in the agenda.

The recommendations contained therein were submitted to Council at its meeting held on 26 November 2019. All recommendations were adopted.

TC19.61

## TC19.62 Private Use of Public Parking - 82 South Street Ulladulla (PN 3561)

**HPERM Ref:** D19/426764

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3561 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed extension of the Private Use of Public Parking for an additional 3 months ending on the 30th September 2020, as detailed in Plan No: (D19/426854).

### Details

As the Committee may recall, Council had received a request to occupy 6 parallel parking spaces on South Street Ulladulla pursuant to the new Health One Facility. It was resolved by this Committee and subsequently adopted by Council (MIN19.786):

*'That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objections to the temporary use of 6 parking spaces for a period of approximately 9 months during the works of 82 South St, Ulladulla, as detailed in the attached plan, subject to payment of associated fees in accordance with Council's Private Use of Public Parking Policy 16/154.'*

Council has received correspondence from the applicant since then that has requested to extend this application for an additional 3 months, ending on the 30th September 2020. As this is a significant extension of time over the original permit, approval must be sought from the Committee.

www.invarion.com



**Private use of Public Parking application  
South Street Ulladulla**

Shoalhaven Traffic Committee: 10th December 2019  
D19/426854

Plan Version 2.0



## TC19.63 No Parking Zone Extension - Idlewild Avenue - Sanctuary Point Public School (PN 3569)

**HPERM Ref:** D19/426785

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3569 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed extension of the No Parking zone along Idlewild Avenue Sanctuary Point for an additional 17m, as detailed in Plan No: (D19/426909).

### Details

Shoalhaven City Council has received concerns from the public regarding the No Parking Zone along Idlewild Avenue, Sanctuary Point.

Council's Engineering Design Unit has inspected the location and have proposed to extend the no parking zone an additional 17m east to the no stopping sign at the intersection of Kingsford Smith Crescent. Currently, this space is not signposted and allows for unrestricted parking.

The impact of this proposal would result in increased storage length for vehicles during peak hour school pick up and drop off times and will alleviate traffic congestion and illegal manoeuvres and increase safety for the school children. This extended no parking zone would be within the existing current timeframes, where it is only active on school days between the hours of 8am – 9:30am and 2:30pm – 4pm.

Consultation was undertaken with the community and adjacent affected properties. Council has received no objections.

A signage plan has been submitted for the Committee's consideration.

www.invarion.com



**Potential increase in No Parking Zone  
Idlewild Avenue, Sanctuary Point**

Shoalhaven Traffic Committee: 10th December 2019  
D19/426909

## **TC19.64 Parallel Parking Signage - Mitchell Parade - Mollymook Beach (PN 3573)**

**HPERM Ref:** D19/426810

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3573 Plan [↓](#)

### **Recommendation**

That the Chief Executive Officer (Director Assets and Works) be requested to arrange for the installation of parallel parking signage along frontage of No 132 to 140 Mitchell Parade for the total length of 80m, as detailed per Plan No: (D19/427125).

### **Details**

Council has received concerns regarding vehicles parked on an angle in Mitchell Parade, limiting pedestrian manoeuvrability and creating vehicle congestion.

To address these concerns, Council staff are considering the installation of “Parallel Parking Only” signage for approximately 80m along the Eastern side of Mitchell Parade. These signs will be offset approximately 2.5m from the edge of the road to ensure that vehicles are parked out of the travel lane allowing manoeuvrability for both motorists and pedestrians.

A consultation was undertaken with affected properties and the Ulladulla and Districts Community Forum. Council has received three submissions, one rejection of Council proposed plan and two mixed supports. Of these mixed supports, one agrees with the notion of installing parking restrictions but so long as there is kerb and gutter works installed. The other mixed support indicates that additional controls need to be extended in both Northern and Southern directions along Mitchell Parade.

A signage plan has been submitted for the Committee’s consideration.





**Potential Parallel Parking Only signage  
Mitchell Parade Mollymook**

Shoalhaven Traffic Committee: 10th December 2019  
D19/427125

## TC19.65 Private Use of Public Parking - Reserve Road (Jellicoe Street) - South Nowra (PN 3570)

**HPERM Ref:** D19/426833

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3570 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objections to the temporary use of 17 parking spaces for a period of approximately 55 weeks and 4 days during the works of 145~159 Princes Highway, South Nowra as detailed per Plan No: (D19/427004), subject to payment of associated fees in accordance with Council's Private Use of Public Parking Policy 16/154.

### Details

**Applicant:** Hutchinson Builders

**Works Description:** To conduct works at the development of South Nowra Bunnings (per DA18/1598) until 30th August 2020, weather permitting.

145 -159 Princes Highway - Lot A DP 403839

Council has received an application from Hutchinson Builders who are undertaking the development works at 145-159 Princes Highway, South Nowra in regards to the new Bunnings (per DA18/1598). They have requested to utilise 100m worth of timed parking along Reserve Road, South Nowra for an approximate period of 55 weeks and 4 days.

Reserve Road is directly adjacent to the worksite and would be the safest and efficient location to park in this proposed zone. The spaces to be occupied do not significantly impact on neighbouring residences or businesses.

This application is consistent with the Council's Private Use of Public Parking Policy 16/154.



**COUNCIL APPLICATION  
PRIVATE USE OF PUBLIC PARKING**



**LOCATION DIAGRAM**

Shoalhaven Traffic Committee: 10th December 2019  
D19/427004

## TC19.66 Restricted Parking - Greenwell Point Boat Ramp (PN 3571)

**HPERM Ref:** D19/426851

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3571 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be requested to arrange for the installation of time-restricted parking along the eastern and western sides of the Greenwell Point Boat ramp and the installation 62 m of C3 'No Stopping' yellow line marking around the circumference of the turning circle, as detailed per Plan No: (D19/427113).

These signs will be for a trial period, ending 30<sup>th</sup> April 2020, where these signs will be re-evaluated in consultation with the community and the Greenwell Point Community Association.

### Details

Council has been requested to review the allocation of parking within the Greenwell Point Boat Ramp carpark. Currently, there are no parking restrictions regarding time or type of vehicle that can park within the carpark. This has led to congestion created by vehicles with boat trailers not being allocated sufficient spaces within the carpark.

To address these concerns, the Council's Engineering Design Unit is considering installing parking restrictions along the western and eastern sides of the carpark. These signs would be installed under a trial period over the summer season, ending 30<sup>th</sup> April 2020. Information will be provided alongside these signs for where feedback can be sent and collected. Should these signs be met with negative reception or other issues brought forward, then Council will reassess the parking arrangements and resubmit for further review.

This proposition would involve installing signage, all-day parking for vehicles with trailers on the western side of the car park and parking restrictions preventing parking between 6 am and 11 am on all days except for cars with trailers. This aims to resolve issues with lack of parking for vehicles with boat trailers and to differentiate parking provisions for regular vehicles from vehicles with boat trailers.

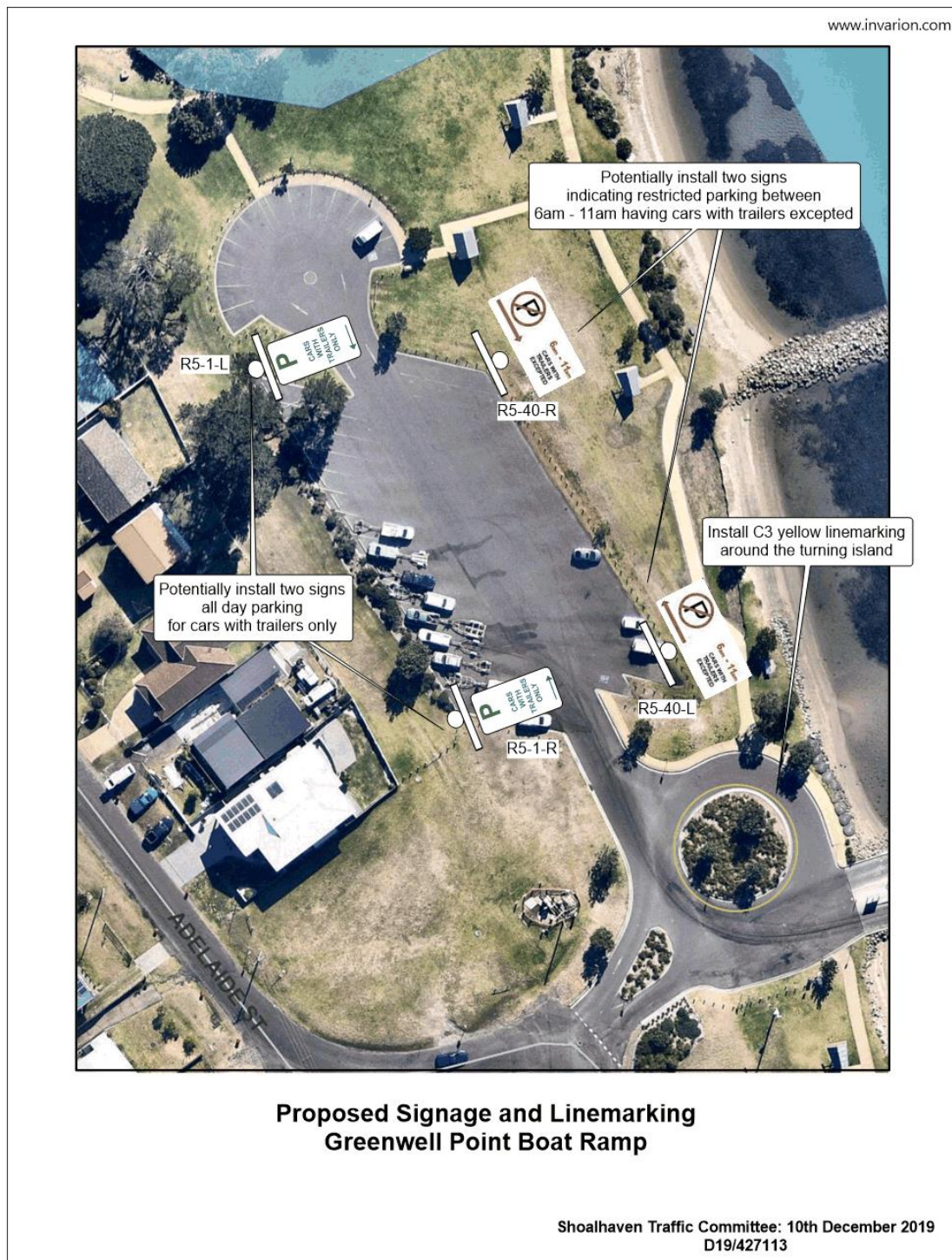
Additionally, consideration has been given to complaints received about cars with trailers parking around the turning circle and creating congestion. To address this, we are considering installing 'No Stopping' C3 yellow line marking around the circumference of the turning circle to prevent this activity.

The impact of this proposal is a small scale, as there would be adequate parking for regular vehicles in other locations of the carpark and parking restrictions along the eastern side would lift before midday. The hours on the parking restricted signage were selected after consulting with relevant stakeholders in the area. These times were seen to best facilitate parking for cars with boat trailers during the time where most boating activity would commence, giving an early opportunity to secure parking for the day.

A consultation was undertaken with the community and the Greenwell Point Community Association. Council has received no objections regarding this matter.

A signage and linemarking plan has been submitted to the Committee for consideration.







## TC19.67     **Parking Signage - Owen Street Huskisson (PN 3572)**

**HPERM Ref:**     D19/426867

**Convenor:**     Tom Dimec

**Attachments:**     1. PN 3572 Plan [↓](#)

### **Recommendation**

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed signage and line marking within the Owen Street / Morton Street carpark, to establish 3 disabled car parking spaces in lieu of the 2 existing. Additionally, 5 motorcycle parking spaces have been provided along the eastern side of the carpark as detailed per Plan No: 2408.06 (D19/427102).

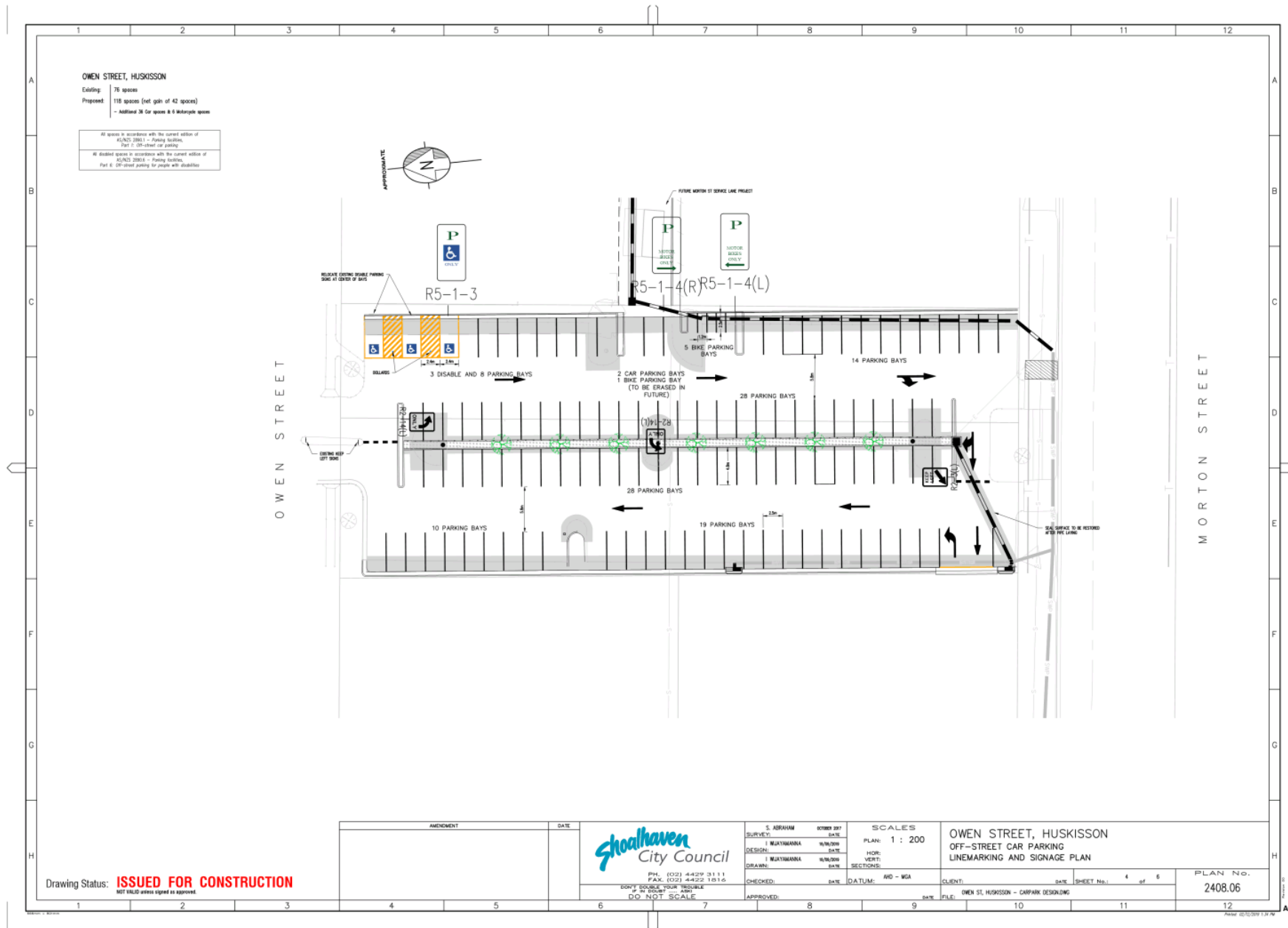
### **Details**

Council has been asked to investigate an optimisation into the public carpark on Owen Street / Morton Street Carpark adjacent to Sydney Street in Huskisson.

The aim of this project is to expand the carpark so that more cars can be parked whilst meeting the Australian Standard (AS/NZ 2890.1). To this end, parking restrictions and directional line marking have been proposed for the carpark. Three disabled car parking spaces have been provided in lieu of the two existing. Additionally, motorcycle parking has been provided along the eastern side of the carpark.

A consultation was undertaken with the Huskisson Chamber of Commerce and Tourism and the Huskisson Woollamia Community Voice. Council has received no objections regarding this matter.

A signage and line marking plan has been submitted for the Committee's consideration.



## TC19.68 Disabled Parking Upgrades - Shoalhaven Memorial Gardens and Lawn Cemetery - Worrige Road Worrige (PN 3574)

**HPERM Ref:** D19/426942

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3574 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the proposed installation of regulatory signage and line marking in association with the newly provisioned disabled/accessible parking spaces in the Shoalhaven Memorial Gardens and Lawn Cemetery, Worrige, as detailed per Plan No: 2197.230-240 (D19/427169).

### Details

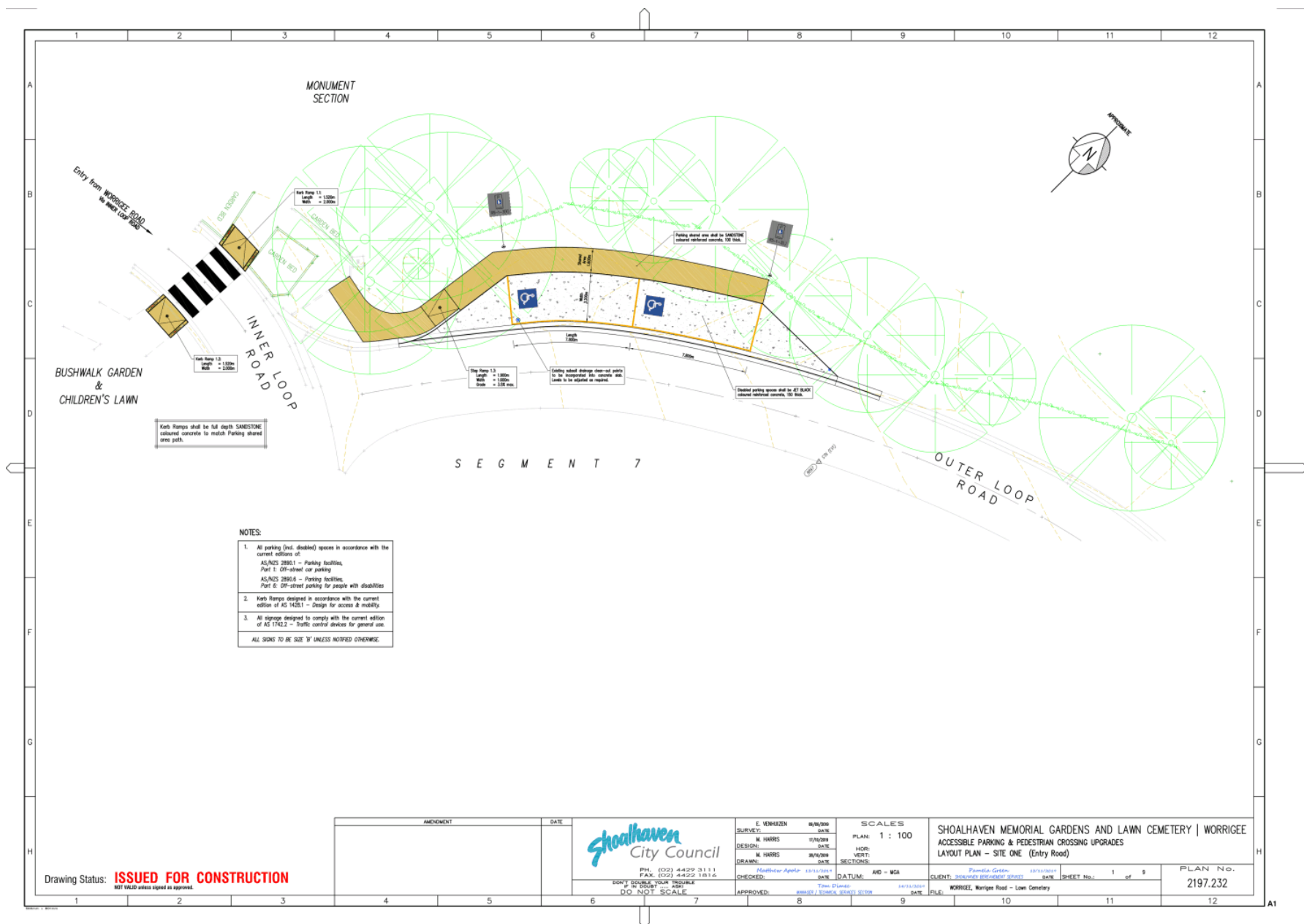
Council has been requested as part of the resolution of the Strategy and Assets Committee meeting on the 12th March 2019 to review the provision of disabled/accessible parking within the Shoalhaven Memorial Gardens and Lawn Cemetery.

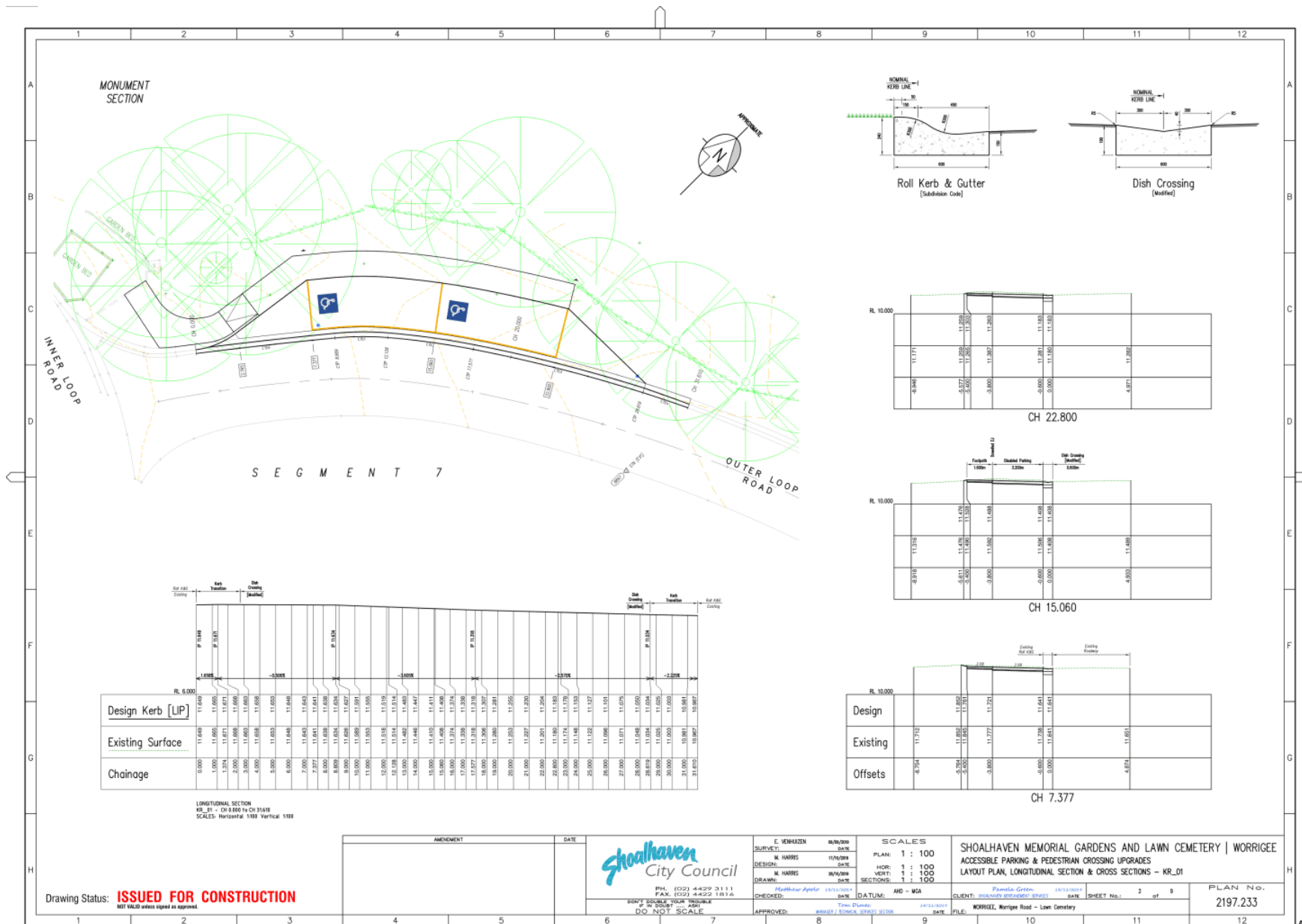
The following resolution was carried in Council's Ordinary Meeting (MIN19.169):

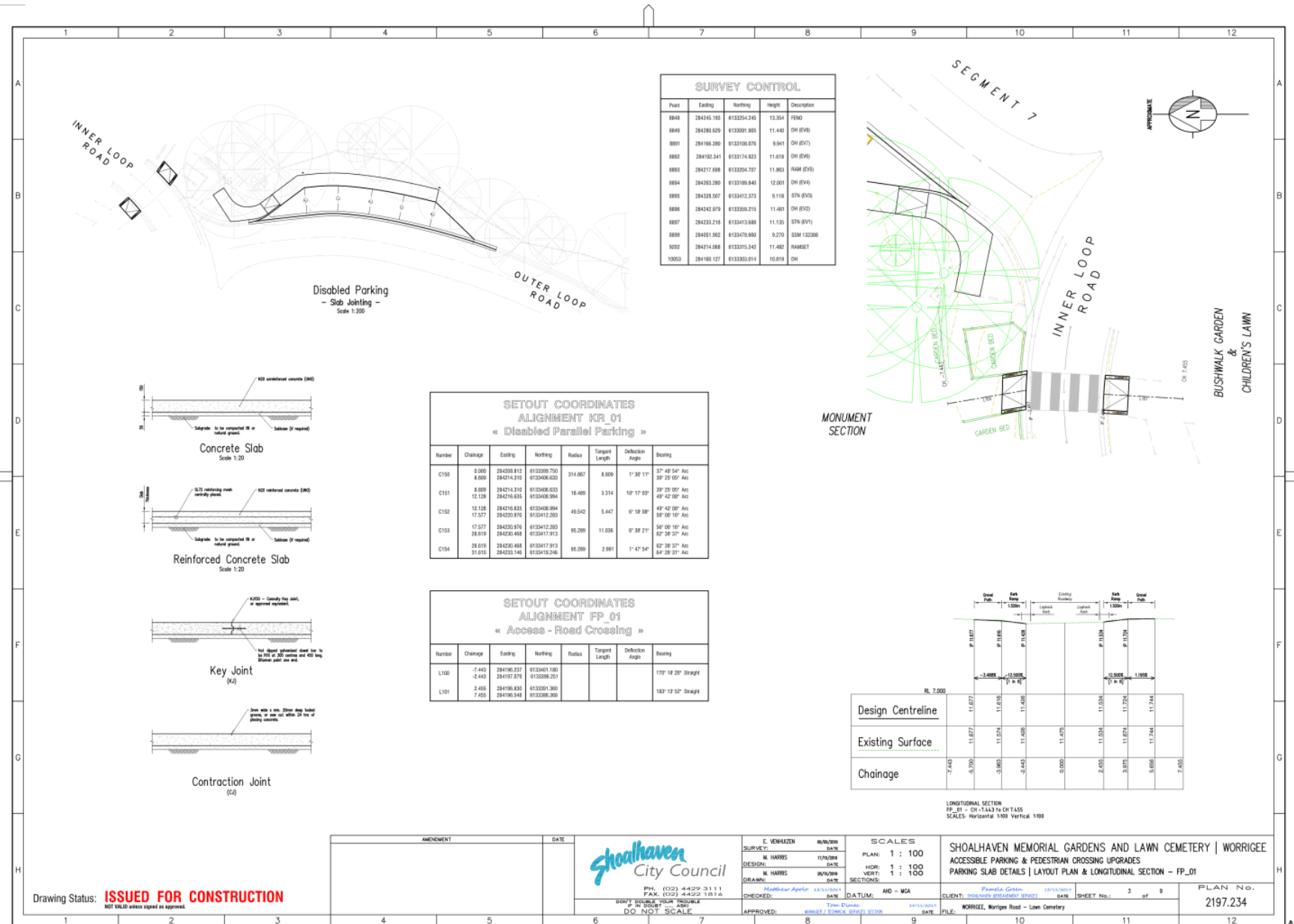
1. *Staff investigate and construct the accessible ramp/path and realign the crossing at the Memorial Gardens Worrige and report back.*
2. *This matter be added to the Action Table.*
3. *This matter be included in the 2019/2020 budget and works be delivered as a priority.*
4. *When carparking is under review, Council consider the number of parking spaces with a view to increasing the ratio of disability/accessible carparking spaces.*

To address these concerns, Council has prepared to install new regulatory signage and line marking associated with this disabled/accessible parking.

A signage and line marking plan has been submitted to the Committee for consideration.

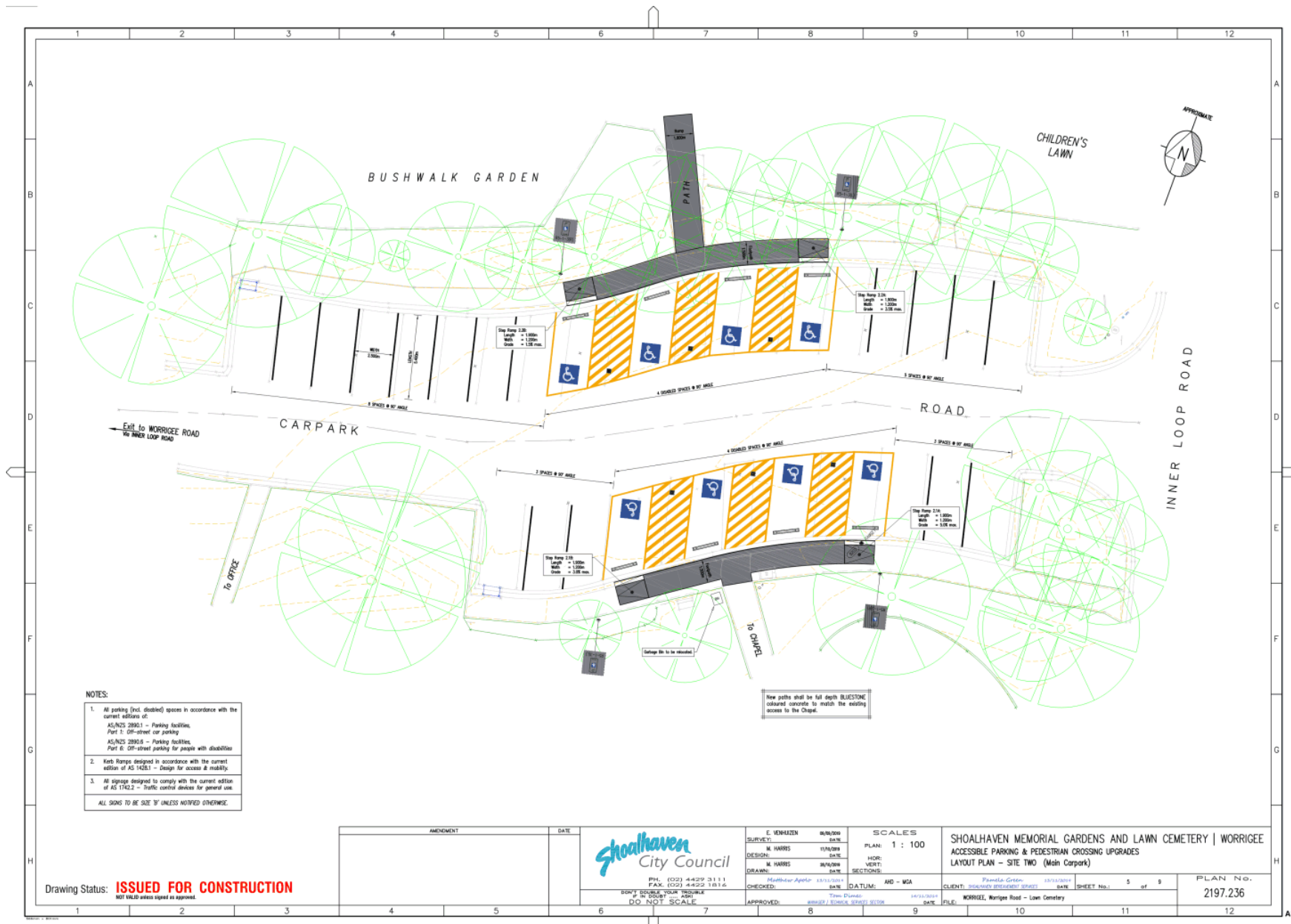




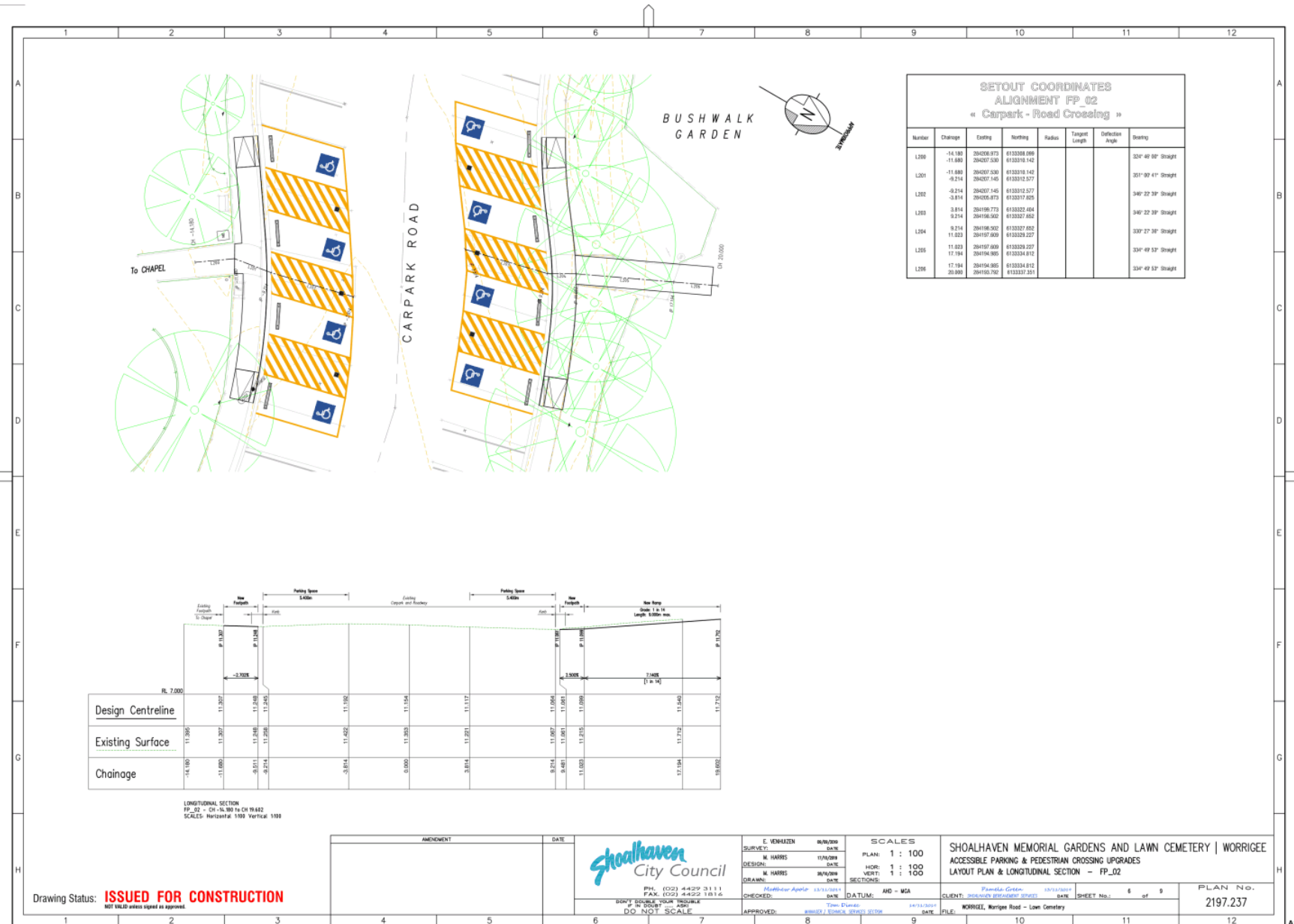


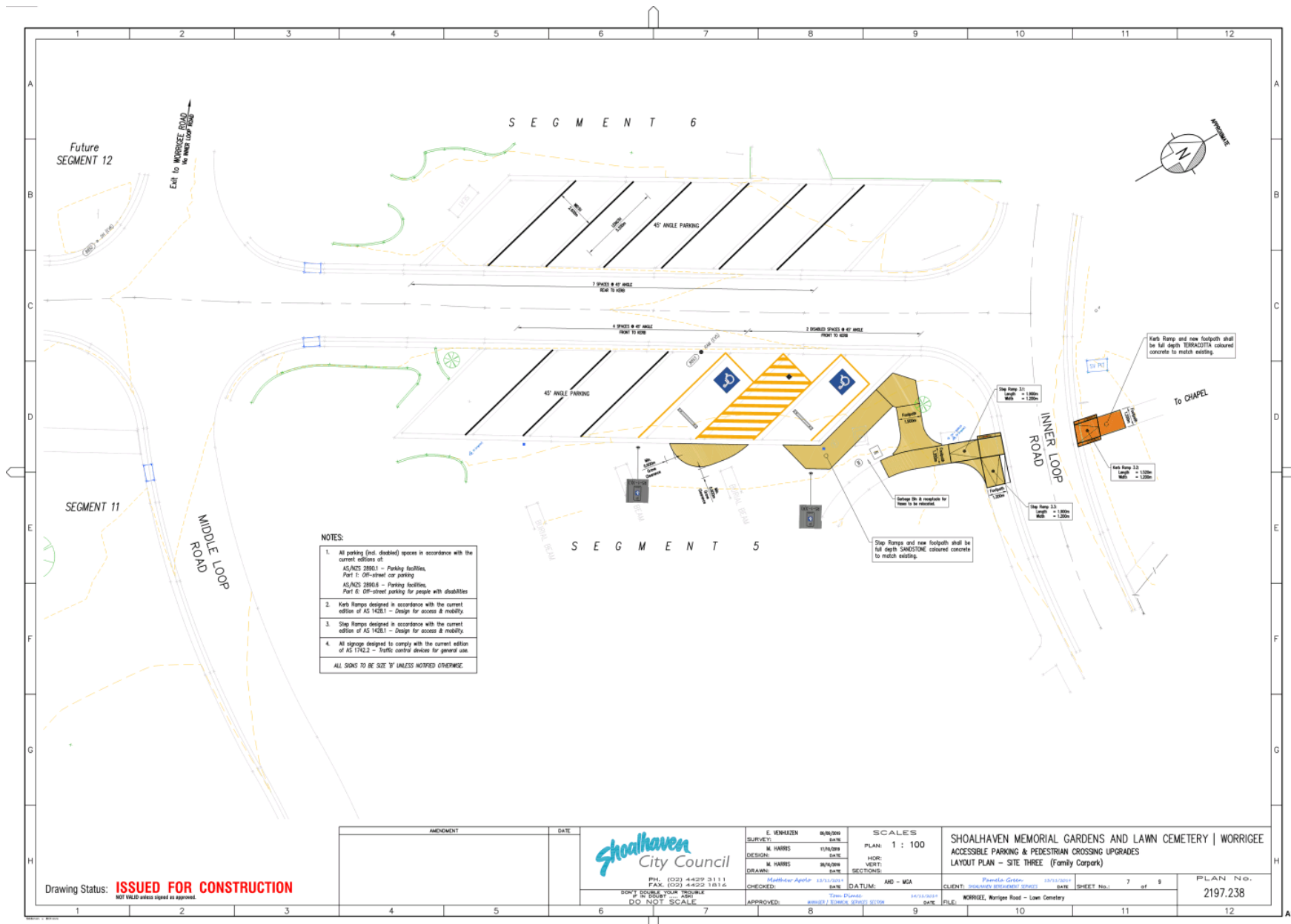


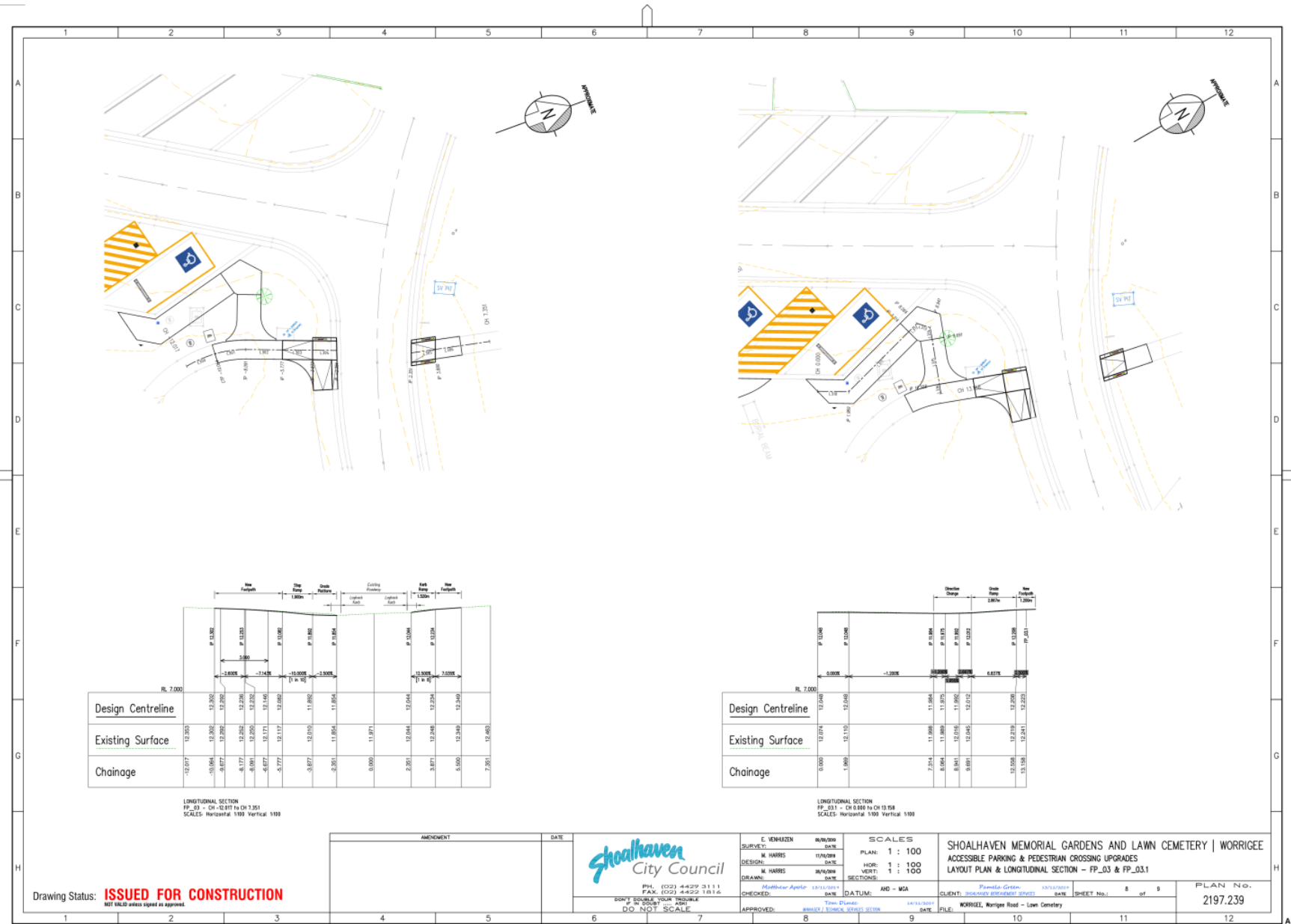
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<p><b>GENERAL NOTES</b></p> <ol style="list-style-type: none"> <li>All work is to be carried out in accordance with Council's Development Construction Specification and Supplement to DCP No. 100.</li> <li>All works are to be conducted to the requirements of the superintendent.</li> <li>Surfaces that are outside the general limits of works, which are disturbed, are to be restored to at least to their pre-construction condition by the contractor.</li> <li>Unless otherwise noted, all levels shown are finished surface levels, where applicable the contractor shall allow for the thickness of the varied specified finishes.</li> <li>The contractor shall provide all labour, materials and equipment necessary for the accurate setting out of the entire works and shall ensure that all surfaces are constructed to the correct levels.</li> <li>All material, to be approved by Council's superintendent prior to construction.</li> <li>The contractor shall not give less notice than that noted in the construction specification when requesting an inspection. The contractor shall arrange for the work to be inspected by the superintendent, or their representative. <ul style="list-style-type: none"> <li>Following site establishment – prior to commencement of any works;</li> <li>Following boxing for pavement;</li> <li>Prior to pavement setting / asphaltting;</li> <li>After final restoration prior to practical completion.</li> </ul> </li> <li>The superintendent will provide approval under Section 136 of the Road Act 1983 prior to commencing construction within all road reserves. Traffic control plans are to be submitted to the superintendent prior to construction work commencing.</li> <li>Traffic control measures shall be provided in accordance with AS 1742.3 &amp; SCC requirements.</li> <li>The contractor is responsible for arranging for inspections by Council's authorised representative of the lining and following the procedure outlined in Council's letter of approval.</li> <li>The contractor shall ensure that the residents adjacent to the construction zone are not affected by dust or noise under construction and are not subjected to additional stormwater runoff at all times during construction.</li> <li>The contractor shall not disturb any survey control marks. Should any survey control marks be disturbed or obliterated, the contractor shall notify the superintendent immediately. The contractor shall have the marks replaced at their own expense.</li> <li>Refer any design discrepancies to the Design Engineer for clarification.</li> <li>Pedestrians must be protected from hazards at all times. Direct pedestrian &amp; road users away from unsafe construction using approved safety management plan.</li> </ol> <p><b>EROSION AND SEDIMENT CONTROL PLAN</b></p> <ol style="list-style-type: none"> <li>Erosion &amp; sediment control measures shall comply with the 4th edition of Managing Urban Stormwater: Soils and Construction (Jandacomb, March 2004).</li> <li>All trees must be protected from damage unless shown to be removed.</li> <li>Topsoil must be stripped and stockpiled in nominated locations for reuse in accordance with (SD 6-1). Sediment fences must be installed on the downstream side of material stockpiles.</li> <li>Topsoil shall generally be stockpiled on the high side of works for reuse to re-spread on after formation. All stockpiles are to be protected from erosion.</li> <li>All disturbed areas shall be revegetated immediately using native turf following formation.</li> <li>For the duration of the construction period all sediment devices shall be maintained and retained in a fully functional condition.</li> <li>Any disturbed bare areas where final stabilisation will not commence immediately shall be temporarily stabilised or grass seeded within 15 days.</li> <li>Install sediment fences (SD 6-8) downstream of disturbed areas and stockpiles.</li> <li>Install mesh and gravel inlet filter (SD 6-11) at kerb inlet pits.</li> <li>Install geotextile inlet filter (SD 6-12) at stormwater inlet pits.</li> <li>All bare areas to be turfed or seeded immediately after final surface levels have been obtained.</li> </ol> <p><b>SURVEY NOTES</b></p> <ol style="list-style-type: none"> <li>Boundaries and improvements have been located with approximate accuracy for the purpose of this survey.</li> <li>Relationships of improvements to boundaries for financial or any other purposes should be confirmed by further survey by a registered surveyor.</li> <li>The location of underground services between locating marks shown on this plan is indicative only.</li> <li>It is the responsibility to locate underground services by careful hand-pole-holing prior to any excavation and exercise due care during that excavation.</li> </ol> <p><b>UNDERGROUND UTILITY SERVICES</b></p> <ol style="list-style-type: none"> <li>Not all utility services are shown. Underground utilities have not been physically located &amp; approximate locations only are provided. It is the contractors responsibility to: <ul style="list-style-type: none"> <li>Identify the location of existing subsurface infrastructure by contacting asset owners including using <b>CALL BEFORE YOU DIG</b>.</li> <li>Physically locate all subsurface utility services that are likely to conflict with the proposed works.</li> <li>Ensure all utility services are protected from damage during the construction period.</li> <li>Obtain &amp; comply with all utility service authorities requirements, particularly in regards to working near their assets.</li> <li>Adjust service locations as required. Repair any damage to services or Council infrastructure.</li> </ul> </li> </ol> <p><b>ROAD CONSTRUCTION NOTES</b></p> <ol style="list-style-type: none"> <li>All work is to be carried out in accordance with Council's Development Construction Specification and Supplement to DCP No. 100.</li> <li>All works are to be conducted to the requirements of the superintendent.</li> <li>All suitable green waste is to be mulched and reused on-site for soil stabilisation (temporary or permanent). Any green waste not suitable for mulching is to be removed to an approved site for disposal. No green waste is to be burnt on site.</li> <li>All disturbed areas including batters, table drains and footpaths areas are to be topsoiled, fertilised and seeded to the satisfaction of the superintendent.</li> <li>Surfaces that are outside the general limits of works, which are disturbed, are to be restored to at least to their pre-construction condition by the contractor.</li> <li>Unless otherwise noted, all levels shown are finished surface levels, where applicable the contractor shall allow for the thickness of the varied specified finishes.</li> <li>The contractor shall provide all labour, materials and equipment necessary to the accurate setting out of the entire works and shall ensure that all surfaces are constructed to the correct levels.</li> <li>All material, to be approved by Council's superintendent prior to construction.</li> <li>The contractor shall not give less notice than that noted in the construction specification when requesting an inspection. The contractor shall arrange for the work to be inspected by the superintendent, or their representative. <ul style="list-style-type: none"> <li>Following site establishment – prior to commencement of any works;</li> <li>Following boxing for pavement;</li> <li>Following proof rolling of subgrade;</li> <li>Following final finishing of subbase;</li> <li>Following final finishing of base;</li> <li>Following trenching and preparation for pipe &amp; culvert extensions (prior to placement);</li> <li>Prior to paving concrete;</li> <li>Prior to pavement setting;</li> <li>After final restoration prior to practical completion.</li> </ul> </li> </ol> <p><b>SUBGRADE NOTES</b></p> <ol style="list-style-type: none"> <li>The subgrade shall be compacted to achieve a minimum 100% standard maximum dry density (AS 1885.1.1, 5.4.1), at a moisture content within 2% of standard optimum, or otherwise instruction is to be obtained from the Geotechnical Engineer.</li> <li>Remove any soft, heaving, wet or unsuitable areas identified during proof rolling and replace using selected imported fill compacted in layers not exceeding 200mm measured loose to achieve 100% standard compaction as specified above.</li> <li>Any fill required to raise levels to underside of pavement formation to be approved granular material compacted in layers not exceeding 200mm measured loose to achieve a minimum 100% standard maximum dry density at a moisture content within 2% of standard optimum.</li> <li>Imported fill is to consist of imported well-graded material with a maximum particle size of 75mm, with 10% less than 20mm, and a soaked CBR greater than 15% and plasticity index less than 12%.</li> <li>Do not proceed with any earthworks which will be subject to a variation without prior approval from the Superintendent.</li> </ol> <p><b>CONCRETE</b></p> <p><b>MATERIALS</b></p> <p>Construction materials and workmanship for concrete works shall be in accordance with the specification and AS 3600 – Concrete structures.</p> <p><b>CONCRETE PROPERTIES</b></p> <p>For concrete properties refer to specification.</p> <p><b>JOINTING IN CONCRETE STRUCTURES</b></p> <p>Location of all expansion and contraction joints shall be as shown on the drawings. Location of such joints shall not be changed without approval of the principal. If adequate construction joints are not shown in the drawings the contractor shall submit proposed locations of required construction joints for approval before construction.</p> <p><b>CHAMBERS</b></p> <p>Except as otherwise required, exposed concrete corners and edges shall have 20mm chamfers.</p> <p><b>Concrete Colour Selection</b></p> <table border="1"> <thead> <tr> <th>SHEET</th> <th>ELEMENT</th> <th>THICKNESS (mm)</th> <th>COLOUR</th> </tr> </thead> <tbody> <tr> <td>232</td> <td>Kerb Ramps</td> <td>150</td> <td>Sandstone</td> </tr> <tr> <td>232</td> <td>Footpaths</td> <td>100</td> <td>Sandstone</td> </tr> <tr> <td>232</td> <td>Disabled Parking</td> <td>100</td> <td>Jett Black</td> </tr> <tr> <td>236</td> <td>Footpaths</td> <td>100</td> <td>Bluestone</td> </tr> <tr> <td>227</td> <td>Kerb Ramp</td> <td>100</td> <td>TerraCotto</td> </tr> <tr> <td>237</td> <td>Chapel Footpath</td> <td>100</td> <td>TerraCotto</td> </tr> <tr> <td>237</td> <td>Step Ramps</td> <td>100</td> <td>Sandstone</td> </tr> <tr> <td>237</td> <td>Access Footpath</td> <td>100</td> <td>Sandstone</td> </tr> </tbody> </table> <p><b>REINFORCEMENT</b></p> <ol style="list-style-type: none"> <li>All deformed bars and fabric shall be 500 MPa strength grade in accordance with AS/NZS 4671 – Steel reinforcing materials.</li> <li>All reinforcement shall be firmly supported on mild steel plastic tipped, plastic or concrete bar chairs at not greater than 1000mm centres.</li> <li>Plastic tipped bar chairs shall not be used on exposed faces in exposed classification B1 &amp; B2 of AS 3600.</li> <li>Bars shall be tied at alternate intersections.</li> <li>Splices in reinforcement shall be made only in the positions shown. Where lap is not shown the builder shall confirm the lap length with the Design Engineer.</li> <li>All reinforcement shall be in accordance with AS/NZS 4671.</li> <li>All reinforcement shall be inspected by the Design Engineer prior to placement of concrete.</li> <li>Welding of reinforcement will not be permitted unless shown on the structural drawings or approved by the Design Engineer.</li> <li>Trench mesh in beams shall be overlapped by the width of the fabric at T and L junctions.</li> </ol> <p><b>KERB &amp; GUTTER NOTES</b></p> <ol style="list-style-type: none"> <li>The kerb foundation shall be shaped and compacted to match the adjacent pavement material.</li> <li>Root pavement course material to be extended beneath and at least 150mm beyond the back of kerbs, Aprons and Driveway Crossings.</li> <li>Kerbs shall be constructed of unreinforced N20 concrete, unless stated otherwise.</li> <li>Kerb and/or channel shall be constructed in fixed forms, by extrusion or by slip forming in accordance with the current edition of AS 2876 – Concrete kerbs and channels (gutters) – Manual or machine placed.</li> <li>Kerbs shall be finished true to line and shall have uniform width, be free from humps, dips and other irregularities. Kerbs shall have a steel float finish, unless stated otherwise.</li> <li>Construction joints shall be at 3.0m intervals, unless stated otherwise, and will penetrate for a minimum depth of 50% of the cross sectional area of concrete.</li> <li>Expansion joints shall be at 15.0m intervals (maximum) and will be for the full depth of the kerb.</li> <li>Following topsoiling of disturbed areas a 600mm strip of turf is to be laid behind the kerb.</li> </ol> <p><b>FOOTPATHS</b></p> <ol style="list-style-type: none"> <li>Footpaths to be 100mm thick unreinforced N20 concrete, unless stated otherwise.</li> <li>Footpaths shall drain towards the kerb &amp; gutter where possible, crossfall shall not be greater than 2.5% to ensure disabled access compliance.</li> <li>Where specified, coloured concrete shall be N20 with full depth 'Coloursun' oxide, it shall have a non-slip finish (minimum R10) and sealed with Emulsion Intersurface 'Tuscan' 15% penetrating sealer.</li> <li>All concrete surfaces not coloured and stamped shall be brown finished.</li> <li>Expansion joints to be located where possible at tangent points of curves and elsewhere at a maximum of 12.0m centres. Expansion joints also to be located at both sides of any driveway.</li> </ol> <p><b>CARPARKING</b></p> <ol style="list-style-type: none"> <li>All concrete surfaces not coloured and stamped shall have a heavy broom finish.</li> <li>Wheelstops to be installed in accordance with the current edition of AS/NZS 2880.1 – Parking facilities, Part 1: Off-street car parking.</li> <li>Wheelstops for shared areas to be installed in accordance with the current edition of AS/NZS 2880.6 – Parking facilities, Part 6: Off-street parking for people with disabilities.</li> <li>Ballards shall be either cast in situ or fixed base plate type, installed with a concrete footing in accordance with manufacturers recommendations.</li> </ol> <p><b>LINEMARKING &amp; SIGNAGE NOTES</b></p> <ol style="list-style-type: none"> <li>All linemarking and signage to be in accordance with Shoalhaven City Council requirements, RMS guidelines &amp; AS 1742 – Manual of uniform traffic control devices.</li> <li>All carpark pavement markings, including disabled symbols, shall be in thermoplastic with retroreflective glass beads.</li> <li>All temporary pavement markings, arrows and messages shall be in thermoplastic with retroreflective glass beads UNO.</li> <li>Existing linemarkings and messages to be removed by using Degradar, high pressure water blasting or approved equivalent prior to the installation of any new markings.</li> </ol> <p><b>Diagram 1: Kerb Ramp Details</b></p> <p>Diagram 1 shows a cross-section of a kerb ramp. It includes a kerb with a 150mm height, a 100mm wide footpath, and a 100mm wide kerb ramp. The diagram shows the reinforcement details, including a 100mm wide concrete base, a 100mm wide concrete kerb, and a 100mm wide concrete footpath. The diagram also shows the reinforcement details, including a 100mm wide concrete base, a 100mm wide concrete kerb, and a 100mm wide concrete footpath.</p> <p><b>Diagram 2: TGSi Details on Kerb Ramps</b></p> <p>Diagram 2 shows a cross-section of a kerb ramp with TGSi details. It includes a kerb with a 150mm height, a 100mm wide footpath, and a 100mm wide kerb ramp. The diagram shows the reinforcement details, including a 100mm wide concrete base, a 100mm wide concrete kerb, and a 100mm wide concrete footpath.</p>												SHEET	ELEMENT	THICKNESS (mm)	COLOUR	232	Kerb Ramps	150	Sandstone	232	Footpaths	100	Sandstone	232	Disabled Parking	100	Jett Black	236	Footpaths	100	Bluestone	227	Kerb Ramp	100	TerraCotto	237	Chapel Footpath	100	TerraCotto	237	Step Ramps	100	Sandstone	237	Access Footpath	100	Sandstone
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<p><b>Shoalhaven City Council</b></p> <p>PH: (02) 4429 3111 FAX: (02) 4429 1814 DO NOT SCALE</p> <p><b>SCALES</b></p> <p>PLAN: 1:100 SECTION: 1:100</p> <p><b>SHOALHAVEN MEMORIAL GARDENS AND LAWN CEMETERY   WORRIGEE</b></p> <p>ACCESSIBLE PARKING &amp; PEDESTRIAN CROSSING UPGRADES</p> <p>CONSTRUCTION NOTES &amp; DETAILS</p> <p>CLIENT: Shoalhaven Regional Council PROJECT: Shoalhaven Memorial Gardens and Lawn Cemetery DATE: 10/12/2019 SHEET No.: 4 of 9 PLAN No.: 2197.235</p>																																															
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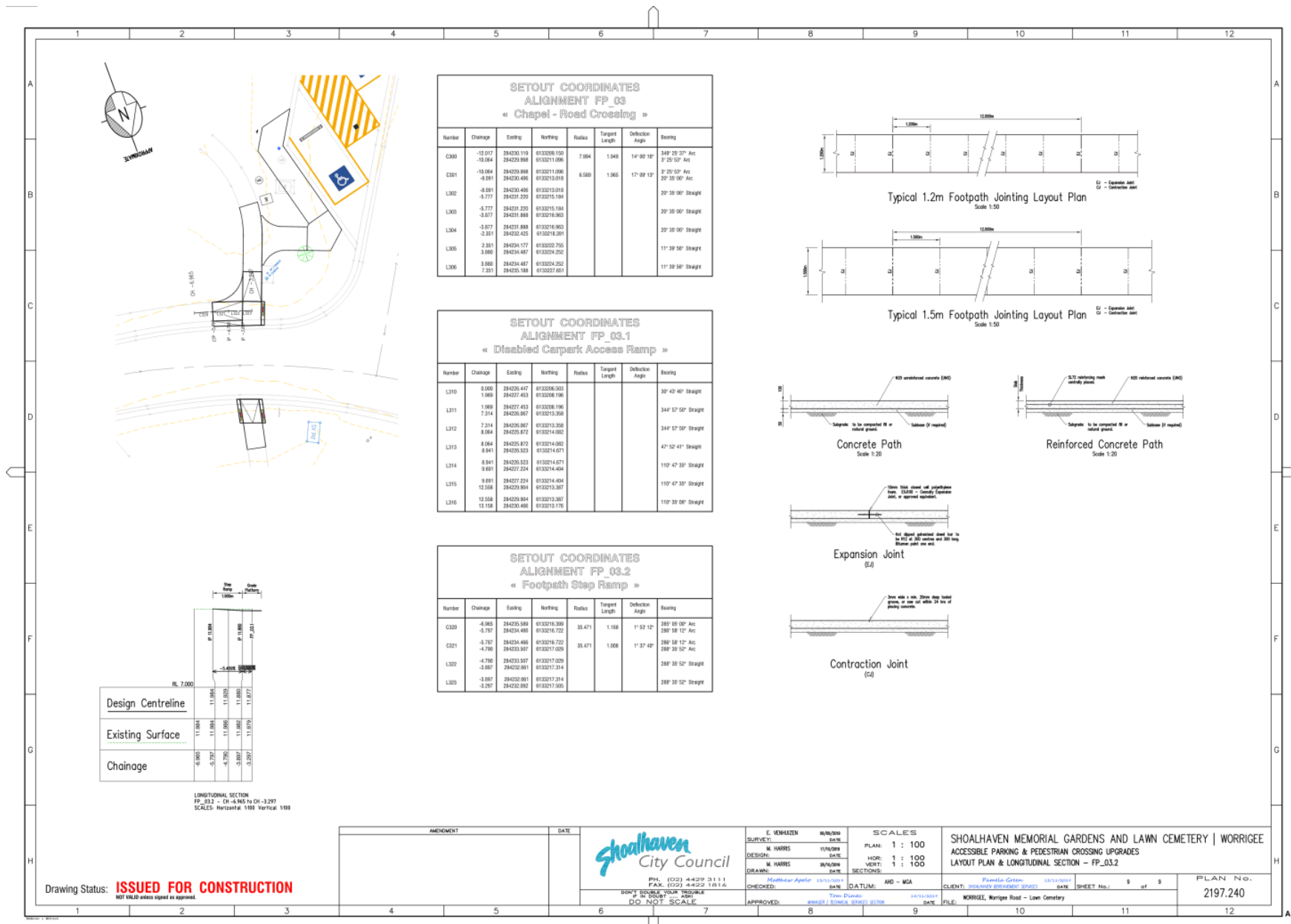












## TC19.69 Old Southern Road - South Nowra - Lot 188 - DP755952 - 60 lot Subdivision (PN 3575)

**HPERM Ref:** D19/426956

**Convenor:** Tom Dimec

**Attachments:** 1. PN 3575 Plan [↓](#)

### Recommendation

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the signage and line marking plans for this development at Lot 188 - DP 755952, Old Southern Road, South Nowra (as per condition 28 of DS19/1446) and as detailed per Plan No: (D19/427180).

### Details

Applicant: Allen Price & Scarratts Pty Ltd

Owner: Twin Nowra Estate Pty Ltd

Old Southern Road, SOUTH NOWRA – Lot 188 - DP 755952

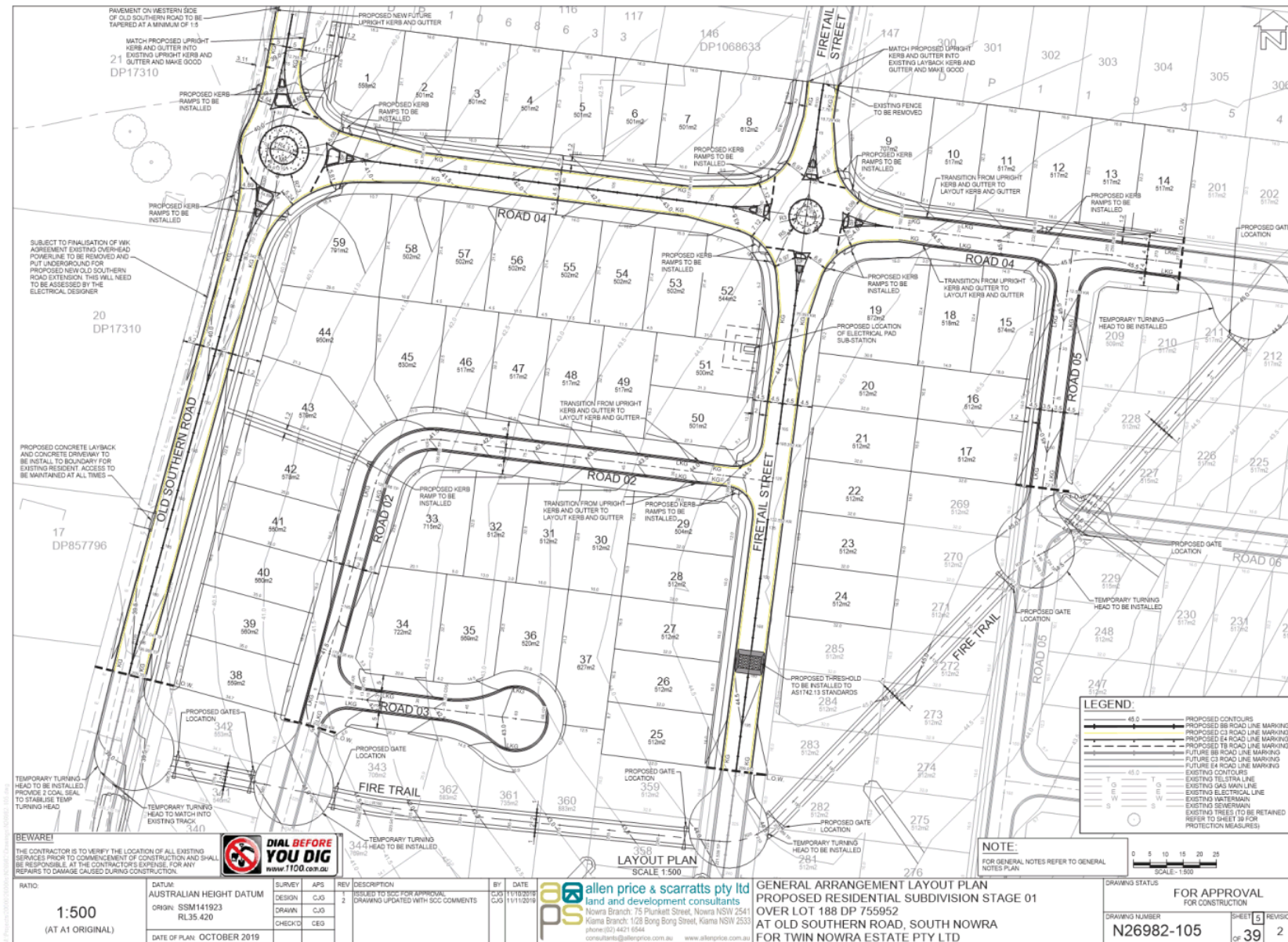
Council has received a development application for the proposed subdivision of the Twin Nowra Estate on Old Southern Road, South Nowra.

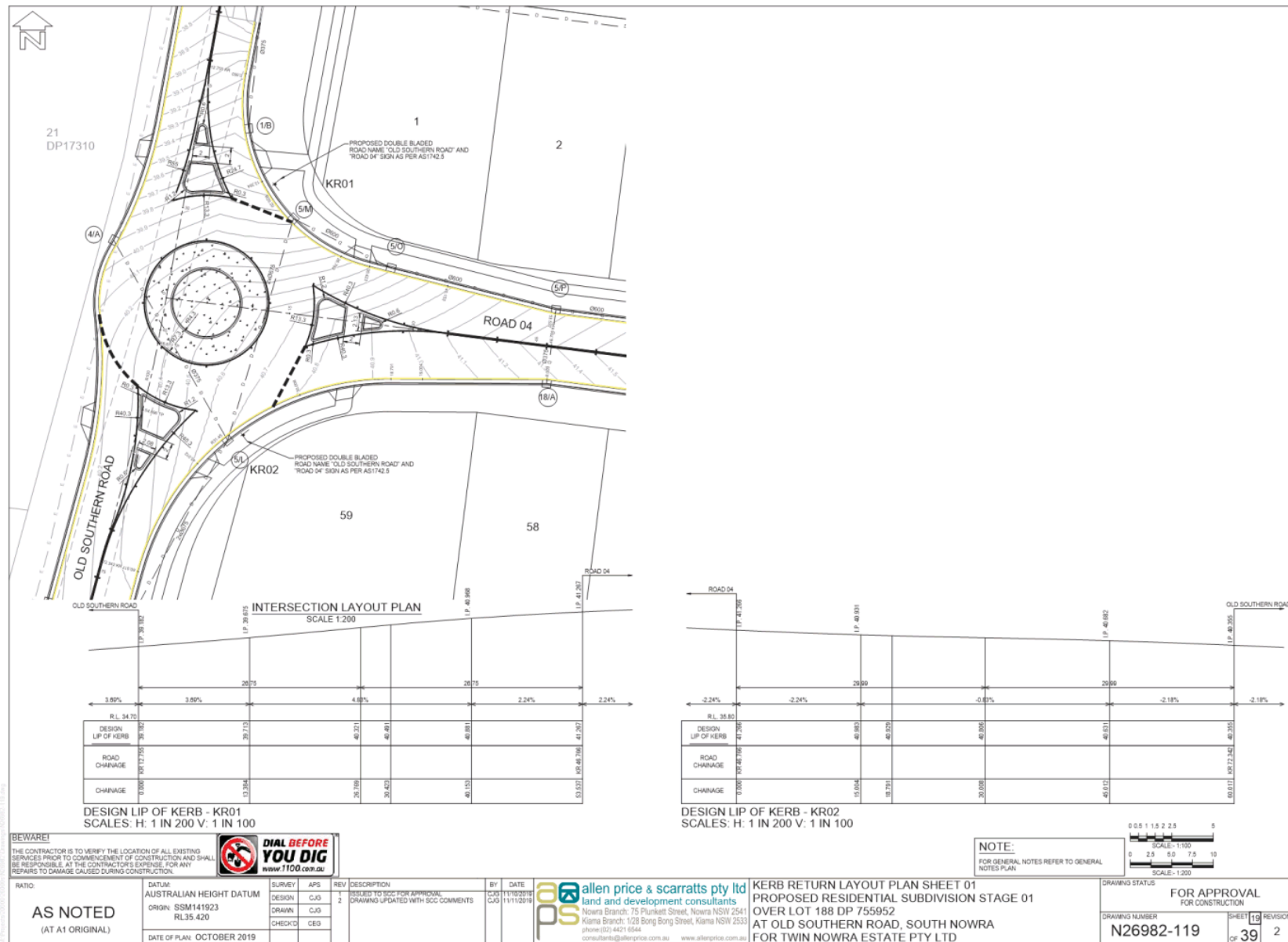
Condition 28 of the development consent requires:

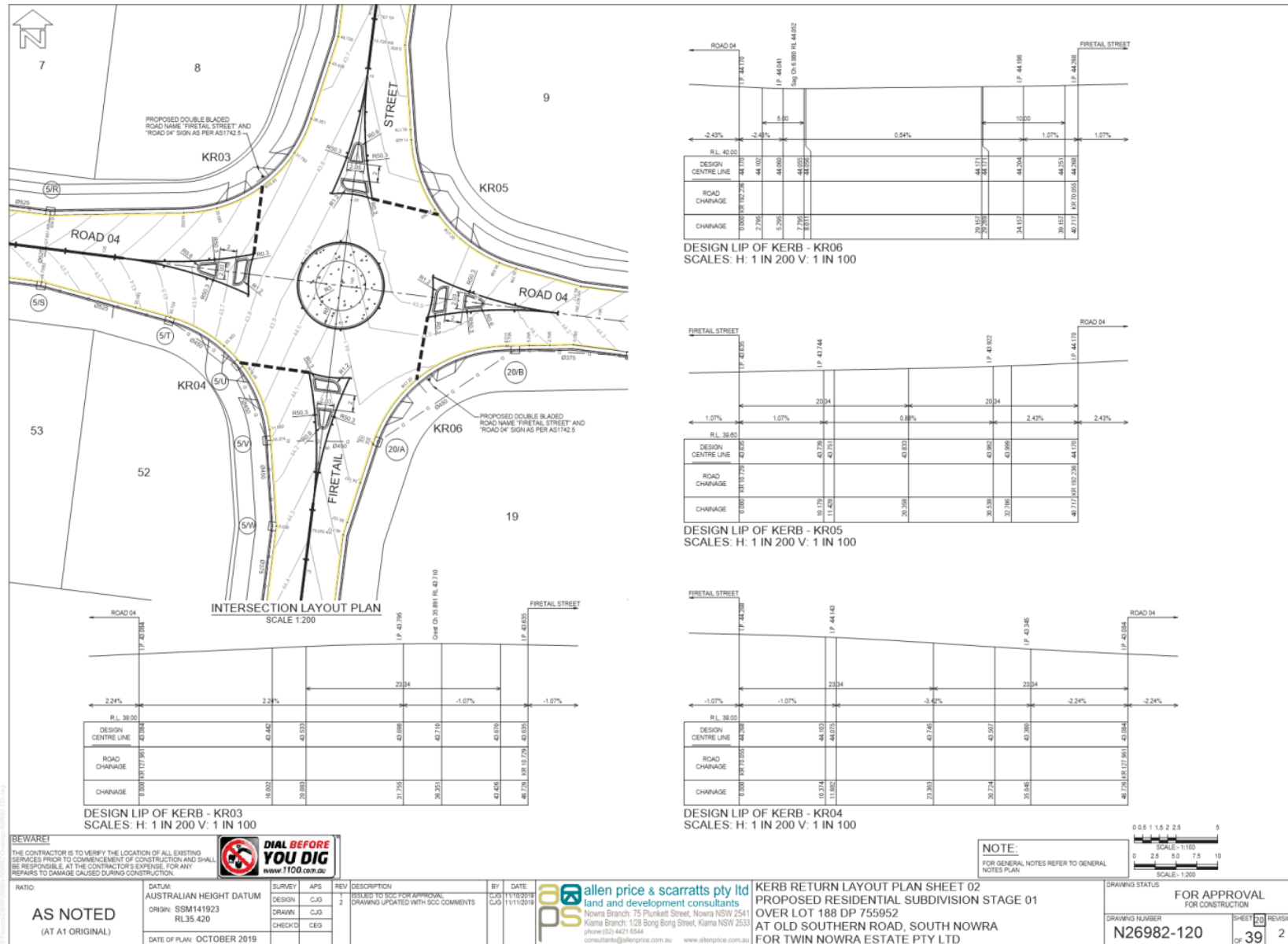
*'Local Area Traffic Management (LATM) controls shall be provided on Road 01 in the vicinity of chainage 180, as per the plan titled: Road Layout and Typical Details Preliminary Road & Sewer Design, prepared by Allen Price & Scarratts, drawing number N26982-402 revision P1 dated 02/08/2018, in order to achieve a design speed of 40km/h. LATM devices shall be designed with consideration of the road's status as a bus route, and in accordance with Shoalhaven DCP 2014 - Chapter G11, Engineering Design Specifications, and/or AS 1742.13. LATM treatments consisting of line marking only will not be accepted. Details of proposed traffic devices (including roundabouts and LATM), line markings and regulatory signs shall be submitted to Council for referral to the Shoalhaven Traffic Committee and subsequent recommendation to Council. Six to eight weeks should be allowed for this process to occur.'*

A signage and line marking plan has been submitted for the Committee's consideration.

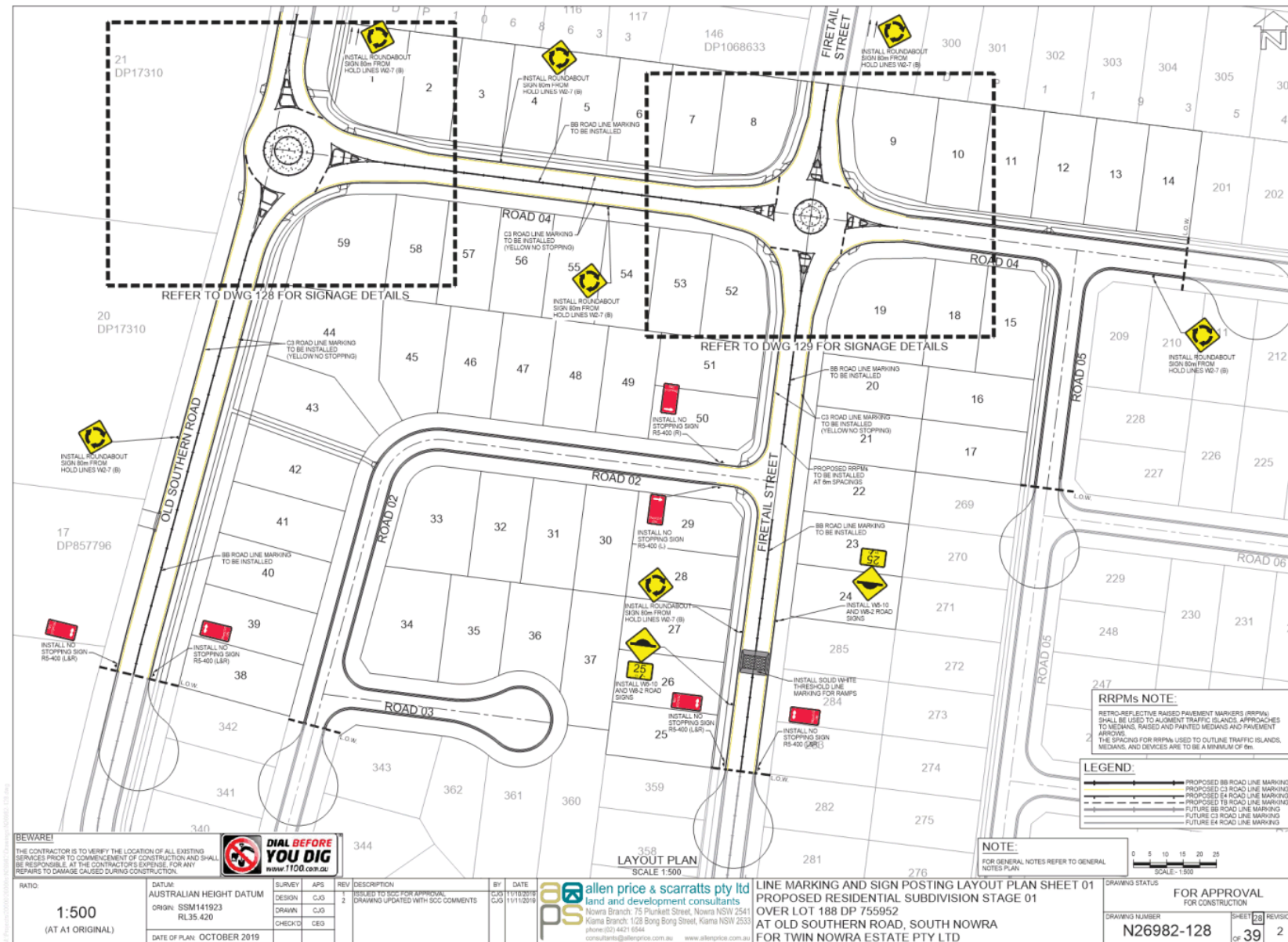


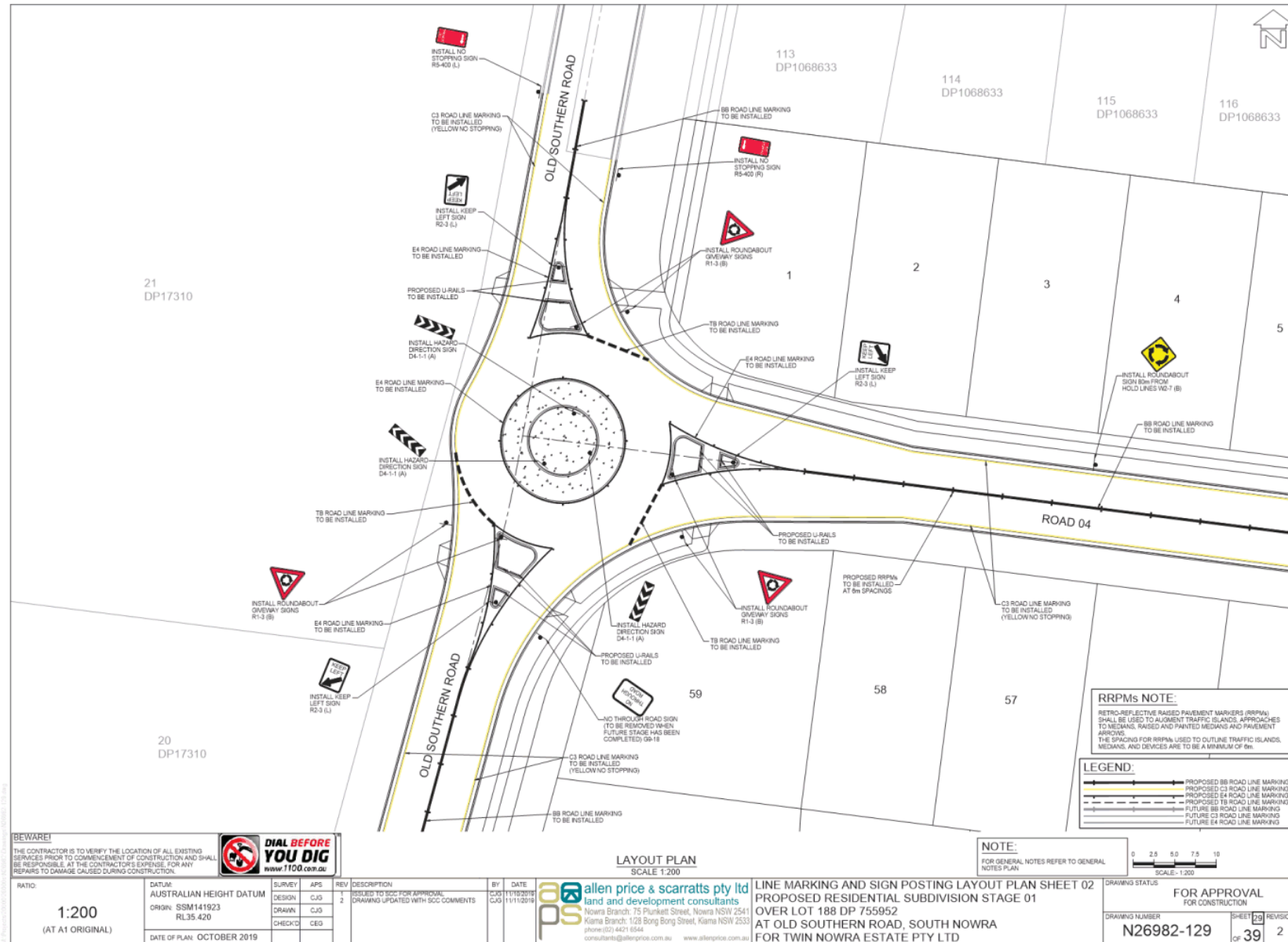


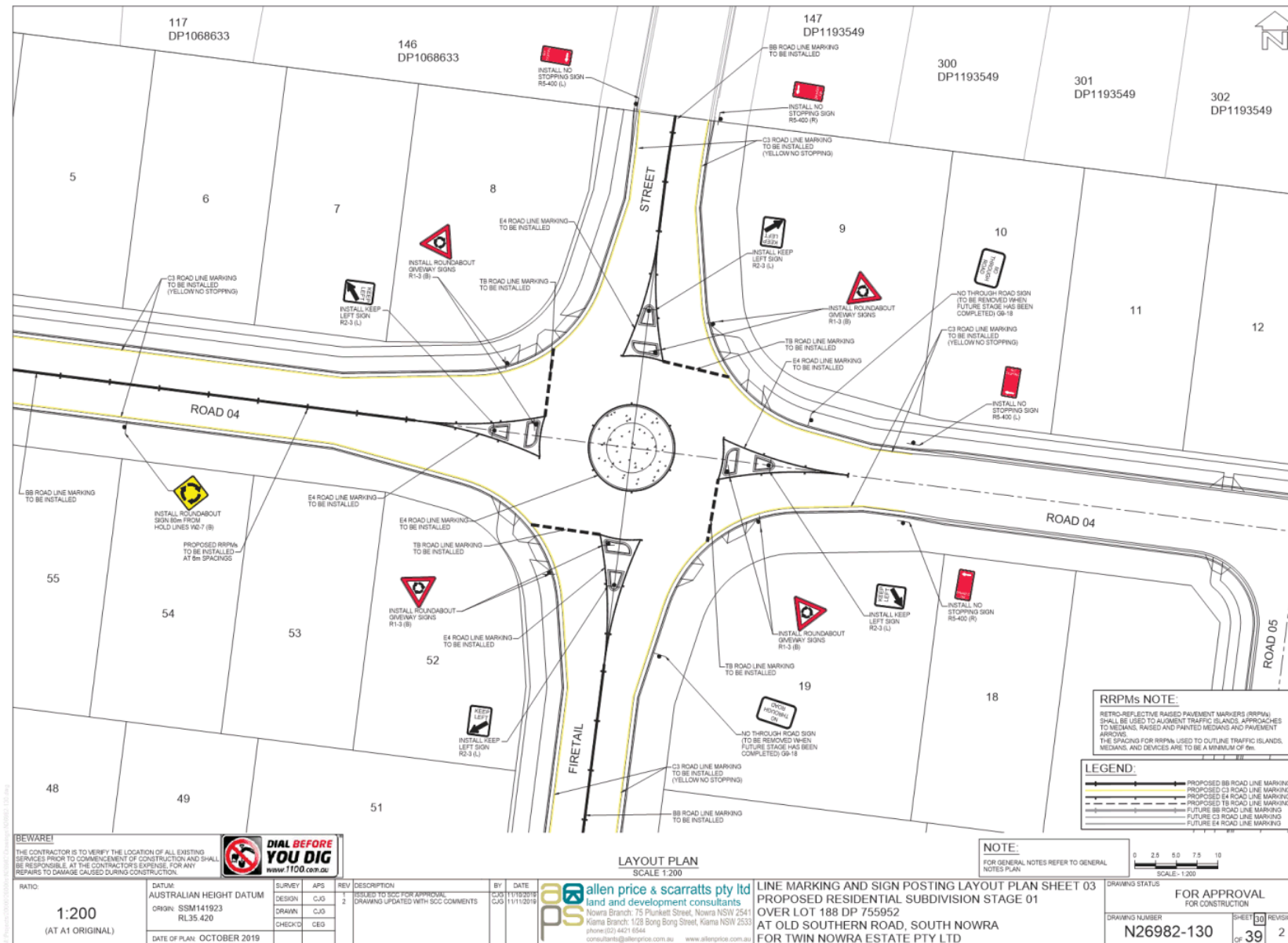












## **TC19.70      Reduction of Load Limit - Mayfield Road Bridge (PN 3576)**

**HPERM Ref:**      D19/426964

**Convenor:**      Tom Dimec

**Attachments:**    1. PN 3576 Plan [↓](#)

### **Recommendation**

That the Chief Executive Officer (Director Assets and Works) be advised that the Shoalhaven Traffic Committee has no objection to the Mayfield Road Bridge to decreased from '10 Tonne Limit' to '2 Tonne Limit' for the proposed Bridge Works between February 2020 to June 2020, as per Plan No: (D19/427936).

### **Details**

Council has been requested to review the existing load limits along the Mayfield Road Bridge considering proposed improvements to be made within February - June 2020.

Pursuant to these improvements, the existing load limit of 10 tonne has been reduced to 2 tonne. Appropriate adjustments to signage have been made indicating the new load limit along Mayfield Road Bridge.

An indicative location plan is submitted for the Committee's consideration.



www.invarion.com



**Load Limit Decrease  
Mayfield Road Bridge,  
Mayfield**

Shoalhaven Traffic Committee: 10th December 2019  
D19/427936