

6.2.6 Sealing the Hills - Princess Avenue, Emerald catchment - Special Charge Scheme declaration

Responsible GM: Peter Benazic **Author:** Ken White

Recommendation(s)

- That Council notes that following the issue of the Notice of Decision by Council to declare a special charge scheme on the 17 May, 2021, to part fund the construction of Princess Avenue and Crichton Road, Emerald, no submissions or objections were received by Council in the prescribed 28 day submission period following advertising this decision.
- 2. That a special charge in accordance with Section 163 of the Local Government, 1989 ('the Act') be declared as follows:
 - a) A special charge is declared for a period until the works have been completed and the scheme finalised.
 - b) The special charge be declared for the purposes of defraying any expenses incurred by Council in relation to the construction of Princess Avenue and Crichton Road, Emerald including sealed road pavement, kerb & channel and associated drainage and incidental works. Council considers that these works will be of special benefit to those persons required to pay the special charge, (and who are described in succeeding parts of this resolution).
 - c) The special benefit accruing to those properties to be levied is considered to include improved access, improved amenity and appearance, improved roadside drainage, reduced mud and dust, reduced erosion and lessened nuisance.
 - d) The following be specified as the area for which the special charge is declared:
 - All those properties described in attachment 4 of this report and as highlighted on the plan included as attachment 2.
 - e) The following be specified as the land in relation to which the special charge is declared:
 - All properties described in attachment 4 of this declaration.
 - f) The following be specified as the criteria which form the basis of the special charge so declared:
 - Those properties fronting, abutting or adjacent to the works.
 - g) The following be specified as the manner in which the special charge so declared will be assessed and levied:
 - Existing lots, either developed or vacant, that gain, or will gain, primary (vehicular) access from a road being constructed would generally be required to contribute one benefit unit.
 - Existing lots, either developed or vacant, with side or rear abuttal to a road being constructed would generally be required to contribute one half benefit unit
 - Existing lots, either developed or vacant, that gain, or will gain, primary access and also have side or rear abuttal to roads being constructed would generally be required to contribute one benefit unit.
 - Existing lots that have the potential to be further subdivided or developed may be allocated a multiple development benefit unit charge.
 - The special charge will be levied by sending a notice to the person who is liable to pay, pursuant to Section 163 (4) of the Local Government Act, 1989.



- h) The total cost of the works is the amount shown in attachment 4 of this report estimated at \$972,900.
- i) The total amount of the special charge to be levied is the amount shown in attachment 4 of this report estimated at \$70,000.
- j) Having regard to the proceeding parts of this resolution but subject to Sections 166(1) and 167(6) of the Local Government Act, 1989, it is recorded that:
 - i) The owners of the land described in columns A and B of the table in attachment 4 are estimated liable for the respective amounts set out in column F of the table in attachment 4 and;
 - ii) Such owners may, subject to any further resolution of Council pay the special charge in the following manner:
 - a. The charge will become due and payable within one month of the issue of the notice requesting payment pursuant to Section 167(3) of the Local Government Act. 1989.
 - b. The charge may be paid by:
 - # Lump sum within one month of the issue of the notice without incurring interest, or
 - # Quarterly instalments of principal and interest over a period of up to seven years.
 - c. Interest will not be charged for three months after the issue of the notice provided the person liable makes timely payment in accordance with the payment arrangements that may be agreed on by Council.
 - d. In accordance with Sections 167(6)(b) and 172 of the Act, the rate of interest which is payable on instalments is set at the 180 day bank bill rate as published in the Australian Financial Review plus one percent and reviewed every three months, (provided that it will not exceed the rate fixed by the Governor in Council by order of the purposes of Section 172(2A) in which case the rate of interest shall be the maximum rate fixed by the Governor in Council by order for the purposes of this section).
- k) There are no incentives for prompt payment, rebates or concessions associated with this special charge.

Attachments

- 1. SCS Process Declaration Check list Sealing the Hills Program [H8LX] [6.2.6.1 2 pages]
- 2. SCS included properties plan Princess Ave Emerald Catchment [6.2.6.2 1 page]
- 3. Princess Ave preliminary construct plans [6.2.6.3 10 pages]
- 4. SCS Apportionment Sheet Princess Avenue Emerald catchment [6.2.6.4 1 page]

Executive Summary

This report proposes to have a special charge declared to part fund the construction of Princess Avenue and Crichton Road, Emerald. It follows Council's resolution of the 17 May, 2021 to communicate its intention to declare a special charge for this purpose.

The Princess Avenue, Emerald catchment is included in the Australian Government funded "Sealing the Hills" program. A recent survey of the landowners in this catchment indicated approximately 90% landowner support to contributing to a scheme from the responses received. Included landowners will receive special benefit as a result of the works including improved resident amenity, reduction in dust and associated health issues, improved drainage, less wear and tear on vehicles, reduced road maintenance costs and overall improved liveability.

The preliminary estimated cost of the proposed works is \$972,900 of which \$70,000 is proposed to be funded via the proposed special charge contribution received from the



included landowners. This will leave an approximate balance of \$902,900 to be funded from the Australian Government grant.

Property owner contributions have been assessed on the basis of the benefit gained by each existing developed or vacant allotment, capped by Council at \$7,000 per benefit unit, (refer to benefit unit definition below). Councils special rates and charges policy provides for levies to be paid in quarterly instalments that include principle and interest. For the Sealing the Hills program it has been decided that a maximum seven (7) payment period be adopted. The financial hardship provisions of this policy provides further relief to those owners demonstrating genuine financial hardship.

Background

The Princess Avenue, Emerald catchment, that includes Princess Avenue and Crichton Road is included for construction in Councils Sealing the Hills program. The properties included are shown on the plan included as attachment 2 to this report.

A survey of the property owners within the scheme boundary, (total of 12), was undertaken asking if they were in support of contributing to a special charge scheme at a capped contribution rate of \$7,000 per benefit unit, with a benefit unit being defined as:

- Existing lots, either developed or vacant, that gain, or will gain, primary (vehicular) access from a road being constructed would generally be required to contribute one benefit unit (\$7,000) towards the cost of construction.
- Existing lots, either developed or vacant, with side or rear abuttal to a road being constructed would generally be required to contribute one half benefit unit (\$3,500) towards the cost of construction.
- Existing lots, either developed or vacant, that gain, or will gain, primary access and also have side or rear abuttal to roads being constructed would generally be required to contribute one benefit unit (\$7,000) in total
- Existing lots that have the potential to be further subdivided or developed may be allocated a multiple development benefit unit charge.

Of the twelve properties surveyed Council received ten, (10), responses, (or 83%). Nine, (90%), of these responses indicated support to contributing to the scheme, while one, (10%), indicated opposition. Following consideration of the survey questionnaire responses a special charge scheme has been prepared to part fund the construction of Princess Avenue and Crichton Road.

Nobelius Heritage Park adjoins a significant portion of the east side of Princess Avenue with access gained at to the park at the east end of Crichton Road. Councils contribution of approximately 93% of the cost of the works more than covers the contribution requirements from the traffic and usage demands created by the park.

Following Council's resolution on the 17 May, 2021 affected property owners were notified of the intention to declare a special charge. No property owner submissions or objections were received within the prescribed 28 day submission period.

Policy Implications

The proposed special charge scheme has been developed in accordance with the provisions of the Local Government Act, Cardinia Councils Special Rate and Charge Policy and the adopted Sealing the Hills program. It is based on community benefit, health, safety, amenity and landowner support.



Section 163 of the Local Government Act provides that Council may not recover a greater portion of the cost of the works than calculated in accordance with the statutory 'benefit ratio' as set out in attachment 3 to this report. Given that Council has capped the property owner contribution at \$7,000 per benefit unit, the proposed scheme is compliant.

Relevance to Council Plan

3.2 Our Environment - Transport linkages connecting towns

- 3.2.1 Upgrade Council roads to improve safety while considering the traffic demand of the community.
- 3.2.2 Continue the use of special charge schemes to finance road, drainage and footpath improvement programs.

Climate Emergency Consideration

The Sealing the Hills project will consider climate emergency reduction issues such as:

- Minimising tree removal through innovative road design.
- Use of LED lighting to reduce energy emissions.
- Utilising local contractors and local road & drainage construction materials to minimise travel.
- Investigating the reuse and use of recycled road construction materials.

Consultation/Communication

A letter was sent in January of this year to the landowners of Princess Avenue and Crichton Road outlining specifics in relation to their inclusion in the Sealing the Hills program and the associated special charge scheme proposal. A subsequent face to face community consultation session was held at the Emerald Community Hub in early February, from 4.00pm to 7.00pm in the evening, to give owners and residents an opportunity to view plans and comment of the proposal. Disappointingly only two people attended.

In mid February a questionnaire was sent by registered mail to landowners asking them to indicate their support / opposition to contributing to a special charge scheme at the capped rate of \$7,000 per benefit unit. A follow up door knock / reminder letter drop was undertaken to properties who had not responded to the questionnaire by the nominated response date, with the response date extended by one month. As outlined above 10 questionnaire responses from the 12 included properties were received.

Following the Council resolution on the 17 May, 2021 to issue a notice of intention to declare a special charge, property owners were sent a letter and advertisements outlining the proposal placed in the Pakenham Gazette and Hills Trader, providing owners with the opportunity to make a submission or objection within the prescribed 28 day period.

Financial and Resource Implications

The scheme funding arrangements are as follows:

| PRELIMINARY ESTIMATED COST OF PROJECT | \$972,900 |
|---|-----------|
| Total Council Contribution (93%) | \$902,900 |
| Benefitting Landowner Contribution (7%) | \$70,000 |

Note: the estimated project cost includes an allowance of 15% for design, supervision and administration of the scheme.

The Australian Government 150 million dollar grant will be used to fund Councils contribution.



Landowners will be offered the option of paying their contribution in full, or by quarterly instalments over seven years. Instalment payments will include principle and interest, with interest calculated at the declaration of the scheme based on Councils borrowing rate at the time plus one percent.

Council will require the first payment, either in full or by instalment, to be made within six months of the practical completion of the works.

Conclusion

That Council proceed to declare a special charge over the properties listed in attachment 4 to part fund the construction of Princess Avenue and Crichton Road, Emerald, including a sealed road pavement, kerb and channel and associated drainage and ancillary works, generally in accordance with the concept plans included in attachment 3.

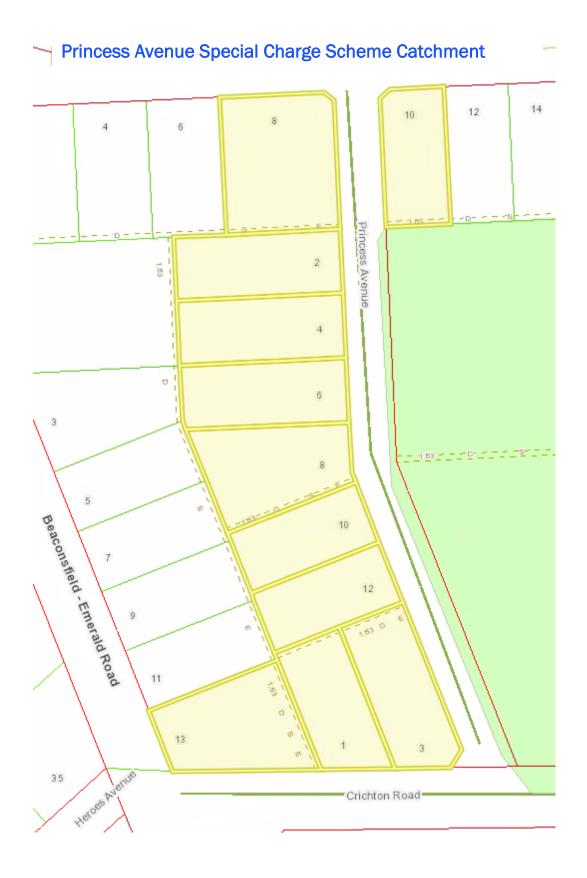
SEALING THE HILLS PROGRAM -

SPECIAL CHARGE SCHEME PROCESS CHECK LIST

SPECIAL CHARGE PROJECTS – (Section 163 – Local Government Act 1989)

| | Stage | Description |
|---|--|---|
| ✓ | Survey of Landowners | Initial survey of property owners to assist in determining the need, associated issues and level of support for the proposed works and special rate/charge scheme. |
| ✓ | Approval to prepare scheme | Decision made to prepare scheme or to shelve project following consideration of the survey of property owners and feed back from the community. If the decision is that the scheme should proceed, the engineering design is completed and a detailed estimate and an apportionment of costs are prepared. If a decision is made that the scheme should not proceed based on resident and community feed back, the affected residents are advised accordingly |
| ✓ | Intention to Declare Scheme | Report to Council providing information on proposed scheme including advice of impending advertising of scheme and declaration of charge. Report seeks Council approval by resolution to proceed with process. |
| ✓ | Advertisement and Notification | The proposed scheme is advertised in the local newspaper and all affected property owners are notified by mail of proposed works, costs and contributions. This advertisement and notification indicates Council's intention to 'declare' a scheme in a month's time and seeks submissions from affected property owners. Details of the scheme may be inspected at the Shire Offices. |
| ✓ | Submissions | From the time of advertising, property owners have 28 days (as set down by the Act) to lodge submissions, either in support or opposing the proposed scheme. |
| | Submissions Review Panel Hearing | A Submissions Review Panel is convened (may be Council Committee or whole Council) and meets to consider submissions. Some submissions are written only. Submitters may also request to be heard before the Committee. The Panel makes a recommendation to Council regarding the scheme. |
| | Abandonment of scheme | The Panel may recommend to Council that the scheme be abandoned. After considering the Panel's report, Council may proceed to abandon the scheme following which property owners are notified and the scheme does not proceed. |
| ✓ | Declaration Report | Alternatively the Panel may recommend to Council that the scheme proceed. After considering the Panel's report, Council may proceed to "declare" the charges in accordance with its advertised intent. Subsequent to this the Finance Manager issues the levy notices and there is a formal charge placed on the property. This is the final step in the process for Council to make a decision on the scheme. |
| | Appeal | Property owners may lodge an application for review of Council's decision with the Victorian Civil and Administrative Tribunal (VCAT) within one month of issue of the levy notice. An appeal is listed, heard |

| | | and determined by the Tribunal and this process generally takes four to six months. Decisions made by VCAT are binding on all parties. |
|---|-------------------|---|
| | Construction | Council may then proceed to construction. Tenders are invited and a contractor appointed to construct the works. Invoices are issued seeking payment of the declared contribution. Payment may be by instalments or lump sum. The Social Responsibility provisions of Council's Special Charge Policy provides for those facing financial difficulty. |
| F | Final Cost Report | At the completion of the works the scheme is "finalised" and a report presented to Council. |



ORDINARY COUNCIL MEETING 19 JULY 2021 ATTACHMENT 6.2.6.3

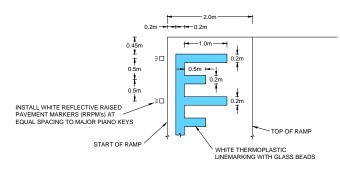
SITE OF LOCALITY MAP

ROAD & DRAINAGE RECONSTRUCTION WORKS



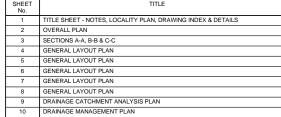
WARNING BEWARE OF UNDERGROUND SERVICES

PRINCESS AVENUE AND CRICHTON ROAD, EMERALD



RAISED PAVEMENT LINEMARKING DETAIL

DRAWING INDEX



PAVEMENT DETAIL

1. THE CONTRACTOR IS TO VERIFY ALL LEVELS WITH THE SUPERVISING ENGINEER PRIOR TO COMMENCING ANY

3. IT IS THE CONTRACTORS RESPONSIBILITY TO TRANSFER ANY TBM'S THAT MAY BE AFFECTED BY THE WORKS

2. ALL DISTURBED AREAS OUTSIDE THE WORKS ARE TO BE REINSTATED TO THE SATISFACTION OF COUNCIL

 PLASTIC OR STEEL MESH FENCING (BARRIER MESH) MUST BE USED TO PROTECT WORKSITE AND ALL APPROPRIATE SIGNS TO THE SATISFACTION OF THE SUPERVISING ENGINEER. 2. THE CONTRACTOR IS TO NOTIFY ALL RESIDENTS BY LETTER REGARDING ACCESS RESTRICTIONS TO THEIR

4. SETOUT DIMENSIONING AND RADII ARE FROM CENTRELINE OF ROAD UNLESS OTHERWISE SHOWN.

- 3. REMOVAL OF VEGETATION OR TRIMMING OF TREES IS TO BE DONE UNDER COUNCIL DIRECTION
- NO TREE ROOTS GREATER THAN 40mm ARE TO BE CUT BY THE CONTRACTOR. THE CONTRACTOR IS TO OBTAIN
- 5. THE CONTRACTOR SHALL NOT CAUSE ANY DAMAGE TO TREE BRANCHES OR TREE TRUNKS.
- 6. BACKFILL ALL TRENCHES BENEATH ROAD PAVEMENT AND VEHICLE CROSSINGS WITH CLASS 2 F.C.C.

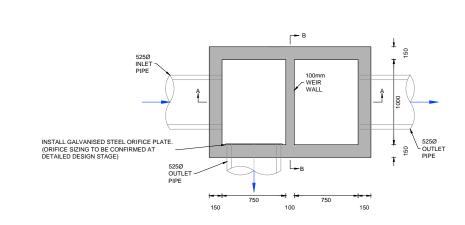
- 3. ALL DRAINAGE PIPES TO BE LAID TRUE TO LINE AND GRADE ON MIN 100mm OF 20mm CLASS 2 CRUSHED
- 4. ALL REINFORCED CONCRETE DRAINAGE PIPES TO BE RUBBER RING JOINTED AND CLASS 2, UNLESS SPECIFIED
- ALL UPVC PIPES SHALL BE SEWER CLASS SN8 EXTRA HEAVY DUTY, SOLVENT WELDED UNLESS SPECIFIED OTHERWISE.
- 6. ALL PITS 1.0m DEPTH AND OVER TO BE FITTED WITH STEP IRONS
- 7 ALL PITS TO HAVE FORMED BASES TO ALLOW SMOOTH FLOWS THROUGH PITS
- 8. ALL DRAINAGE TRENCHES IN ROADWAY TO BE BACKFILLED WITH 20mm CLASS 2 CRUSHED CONCRETE TO THE UNDERSIDE OF PROPOSED PAVEMENT DETAIL.
- SUBSURFACE DRAINAGE TO BE LAID BEHIND KERB (OR UNDER KERB BASE WHERE INSUFFICIENT SPACE IS AVAILABLE) IN ACCORDANCE WITH ENGINEERING DESIGN & CONSTRUCTION MANUAL STANDARD DRAWING EDCM 202.
- SUBSURFACE DRAINAGE TO BE APPROVED 1000 CLASS SN8 SLOTTED/PERFORATED PIPE WITH GEOTEXTILE SOCK SURROUND & TO BE LAID IN ACCORDANCE WITH ENDIFFERING DESIGN & CONSTRUCTION MANUAL STANDARD BRAWING EDOM 202, LAID AT A MINIMUM GRADE OF 1 in 10.

- 1. THE LOCATION OF ALL EXISTING SERVICES IS BASED ON INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL SERVICES BEFORE COMMENCING WORKS AND PROTECT THE SAME FOR THE DURATION OF THE WORKS.
- 2. BACKFILL ALL TRENCHES BENEATH ROAD PAVEMENT AND VEHICLE CROSSINGS WITH CLASS 2 CRUSHED CONCRETE
- "NO GO ZONES" TO BE ADHERED TO FOR ALL EXISTING SERVICES WHEN WORKING AROUND OR UNDER THEM. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE RELEVANT SERVICE PROVIDER AS TO CLEARANCES.

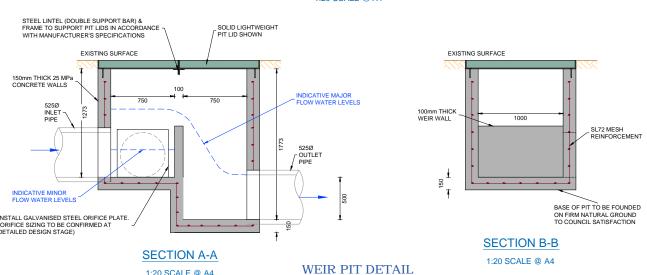
- THE LOCATION OF ALL EXISTING SIGNS ARE TO BE RECORDED PRIOR TO THE COMMENCEMENT OF WORKS AND ANY REMOVED TO MAKE WAY FOR THE WORKS ARE TO BE REINSTATED TO ORIGINAL POSITION OR TO A LOCATION AS DIRECTED BY SUPERVISING ENGINEER.
- 3. ALL EXISTING HOUSE DRAINS SHALL BE RECONNECTED TO THE UNDERGROUND DRAINAGE SYSTEM UNLESS SHOWN OTHERWISE OR DIRECTED BY THE SUPERVISING ENGINEER IN ACCORDANCE WITH STANDARD - S121 AT A MINIMUM GRADE OF 1:100. INSPECTION OPENING TO BE PLACED OUTSIDE CONCRETE PATH UNLESS OTHERWISE SPECIFIED. NOT ALL HOUSE WATER DRAINS MAY BE SHOWN, CONTRACTOR TO CHECK DURING CONSTRUCTION AND CONNECT IN ACCORDANCE TO COUNCIL REQUIREMENTS.

- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH CARDINIA SHIRE COUNCIL STANDARD DRAWINGS AND SPECIFICATIONS UNLESS SPECIFIED OTHERWISE.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THE CONTRACTOR SHALL VERIFY ALL LOCATIONS AND DEPTHS PRIOR TO THE COMMENCEMENT OF WORKS. THE CONTRACTOR SHALL ADVISE THE SUPERINTENDENT OF ANY REQUIRED ALTERATIONS.
- ALL WORK PRACTICES SHALL COMPLY WITH THE OCCUPATIONAL HEALTH & SAFETY ACT AND ALL RELEVANT REGULATIONS AND CODES OF PRACTICE (IN PARTICULAR, THE CODE OF PRACTICE FOR SAFETY PRECAUTIONS IN TRENCHING OPERATIONS).
- WORKSAFE VICTORIA IS TO BE INFORMED FOR TRENCHING OPERATIONS WHERE THE DEPTH IS GREATER THAN 1.5M.
- THE CONTRACTOR SHALL STRICTLY COMPLY WITH "NO GO ZONE" CLEARANCE REQUIREMENTS WHEN WORKING WITHIN THE VICINITY OF OVERHEAD ELECTRICAL ASSETS/CABLES, FOR ANY OPERATION WHICH ENCROACHES ON THE 3.0M "NO GO ZONE", THE CONTRACTOR SHALL OBTAIN A WRITTEN PERMIT TO WORK FROM WORKSAFE. FOR FURTHER INFORMATION ON "NO GO ZONE" CLEARANCE REQUIREMENTS, REFER TO CURRENT WORKSAFE VICTORIA PUBLICATIONS (WWW.WORKSAFE.VIC.GOV.AU)
- ALL CONCRETE SHALL BE SAWCUT TO THE NEAREST JOINT UNLESS SPECIFIED OTHERWISE
- ALL SERVICE COVERS WITHIN THE LIMIT OF WORKS SHALL BE ADJUSTED TO MATCH PROPOSED FINISHED SURFACE LEVELS.
- NO TREES SHALL BE REMOVED UNLESS AUTHORISED BY CARDINIA SHIRE COUNCIL
- ALL DISTURBED AREAS SHALL BE TOPSOILED AND SEEDED TO A MINIMUM DEPTH OF 100mm. NATURE STRIPS SHALL BE GRADED EVENLY FROM THE TOP OF KERB TO THE FRONT OF PATH OR AS DIRECTED.
- SITE EROSION CONTROL AND MINIMISATION MEASURES SHALL BE ADOPTED AT ALL TIMES IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AUTHORITY'S ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES.
- TRAFFIC MANAGEMENT IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE ROAD MANAGEMENT ACT 2004 AND AS1742.3. ALL SIGNAGE (TEMPORARY AND PERMANENT) SHALL BE CLASS 1 REFLECTIVE GRADE.
- TRAFFIC MANAGEMENT PLANS SHALL BE APPROVED BY COUNCIL.
- AN APPROVED COPY OF PLANS AND SPECIFICATIONS SHALL BE AVAILABLE ON SITE AT ALL TIMES DURING CONSTRUCTION.
- ALL CONCRETE TO HAVE COMPRESSIVE STRENGTH AT 28 DAYS NOT LESS THAN 25 MPa
- ALL LINEMARKING TO BE IN ACCORDANCE WITH AS1742.1 AND TO BE LONG LIFE THERMOPLASTIC IN ACCORDANCE WITH VICROADS SECTION 724.

- CONTRACTORS SHALL ENSURE THAT ALL WORKS COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR POLLUTION CONTROL"-EPA PUBLICATION NO. 175.
- CONTRACTORS SHALL INSTALL MEASURES TO ENSURE ANY SEDIMENT OR LITTER GENERATED AS A RESULT OF THE WORKS IS CONTAINED ON THE SITE. THESE MEASURES SHALL INCLUDE DEVICES SUCH AS SILT FENCES WHICH ARE TO BE LOCATED AT ALL SOURCES OF SEDIMENT SUCH AS EARTHWORKS STOCKPILED, ENDS OF ROAD EXCAVATION, DRAINAGE OUTLETS ETC.
- THE CONTRACTORS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL SEDIMENT AND LITTER CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT AND THE CONTRACT MAINTENANCE PERIOD.







Specialist Civil Engineering Design Consultants

SUITE 9, 12 MAROONDAH HWY, RINGWOOD VIC 313 PO BOX 164. RINGWOOD VIC 31: P: (03) 8644 68 E: info@procivil.com. DEAN DIMITROS CHRIS PROCTOR



SHIRE OF CARDINIA AS SHOWN @ A1 MGA 94 ZONE 5 Cardinia 29-05-2020 18-12-2019

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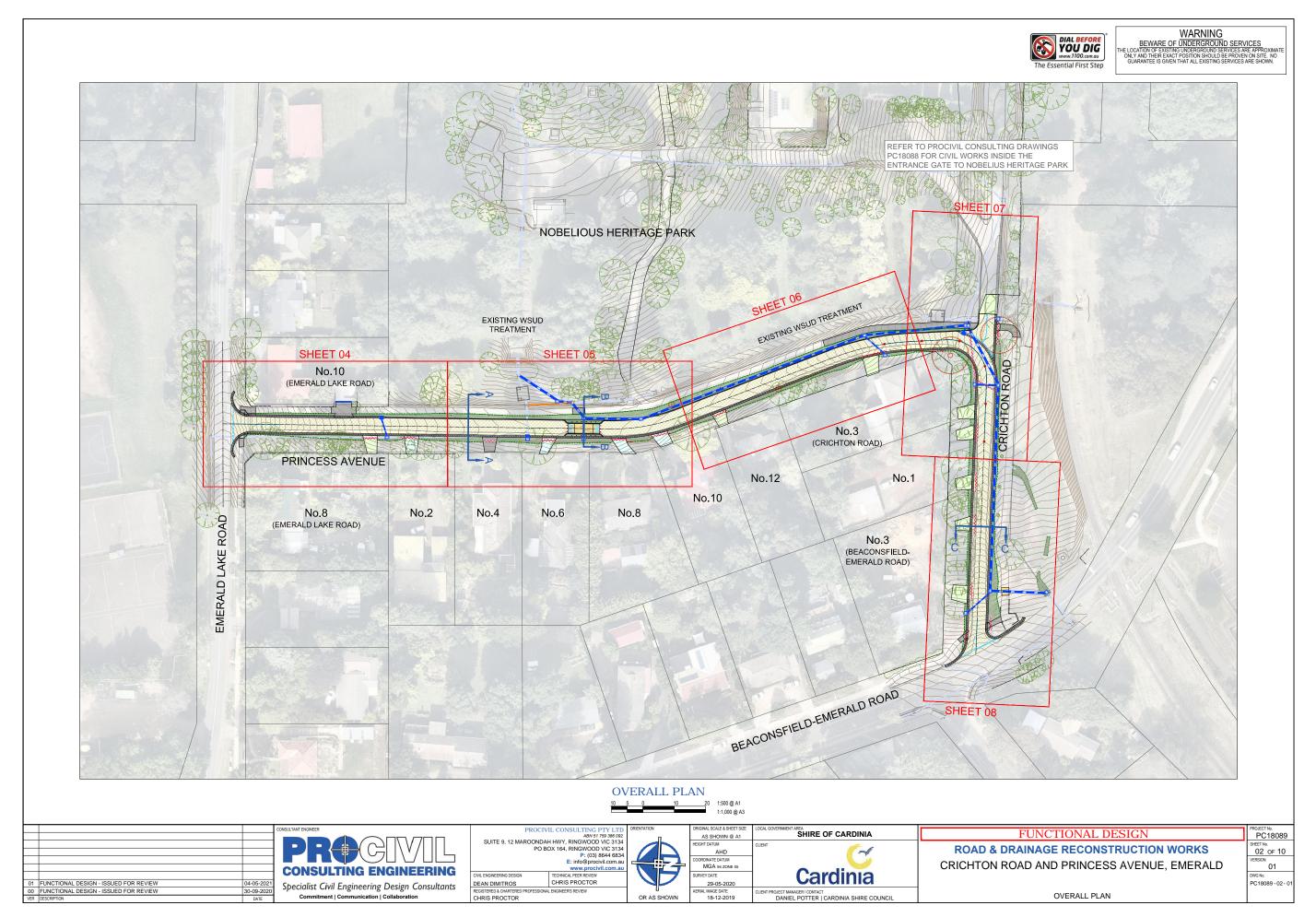
FUNCTIONAL DESIGN **ROAD & DRAINAGE RECONSTRUCTION WORKS** CRICHTON ROAD AND PRINCESS AVENUE, EMERALD

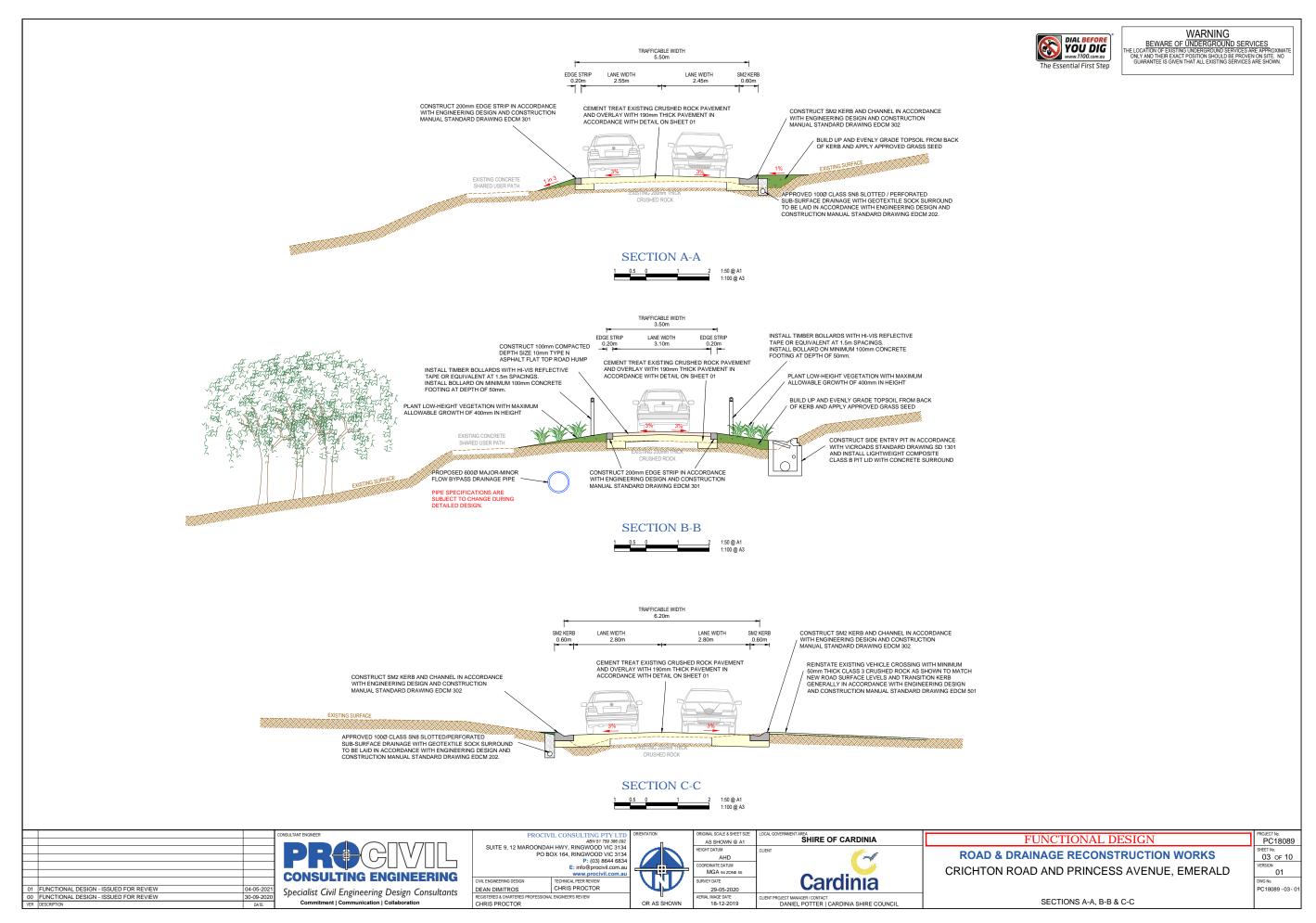
TITLE SHEET - NOTES, LOCALITY PLAN, DRAWING INDEX & DETAILS

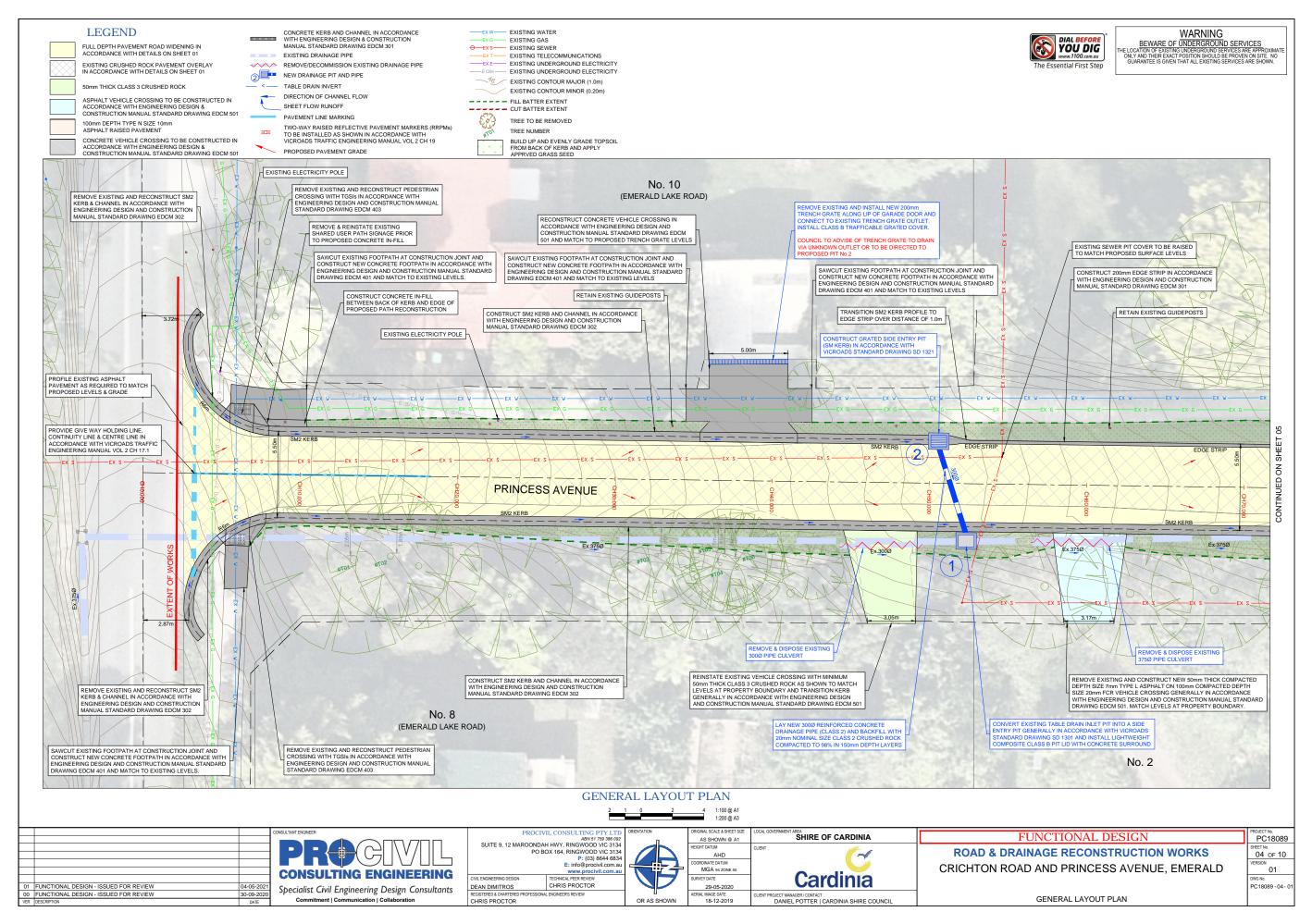
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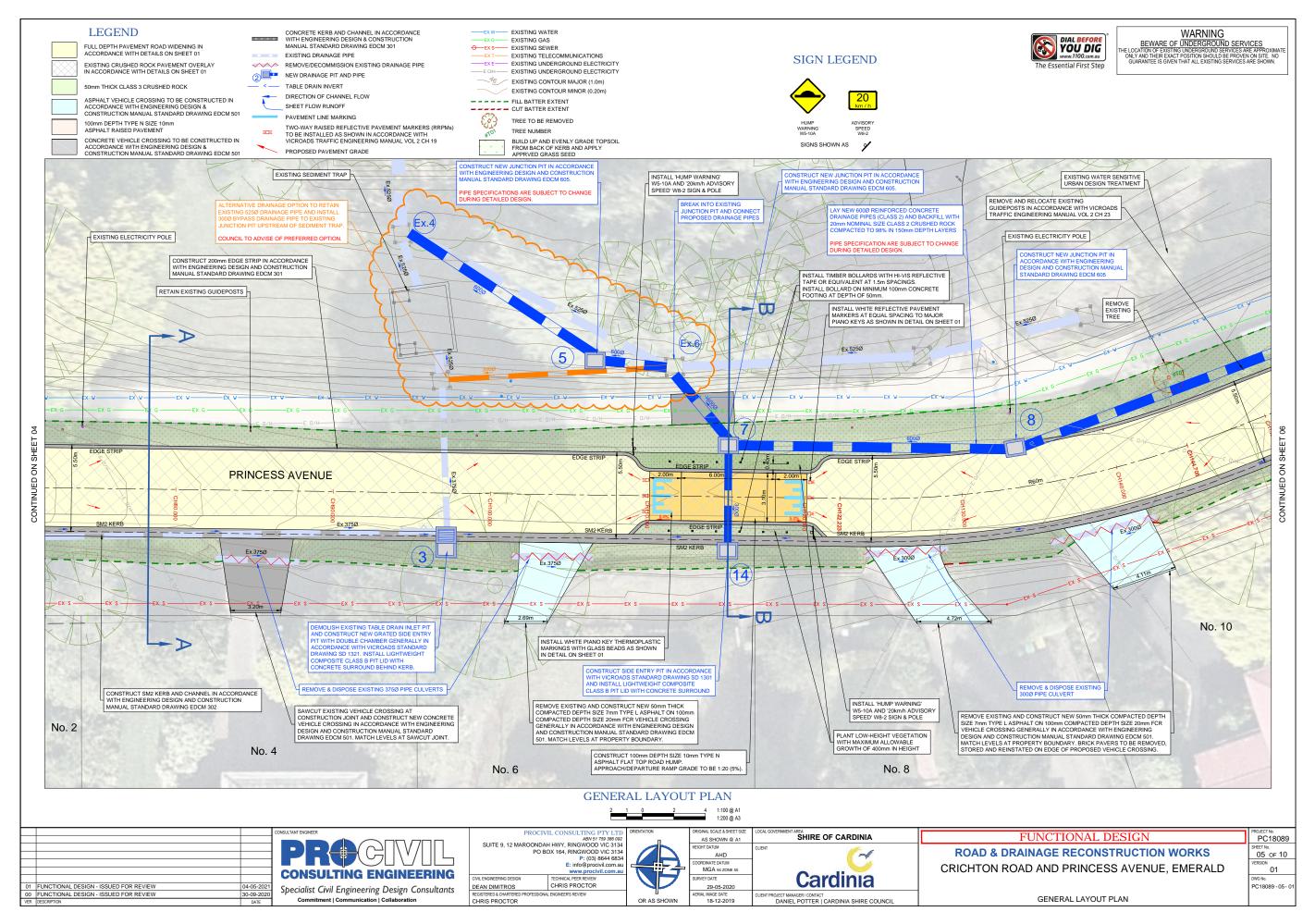
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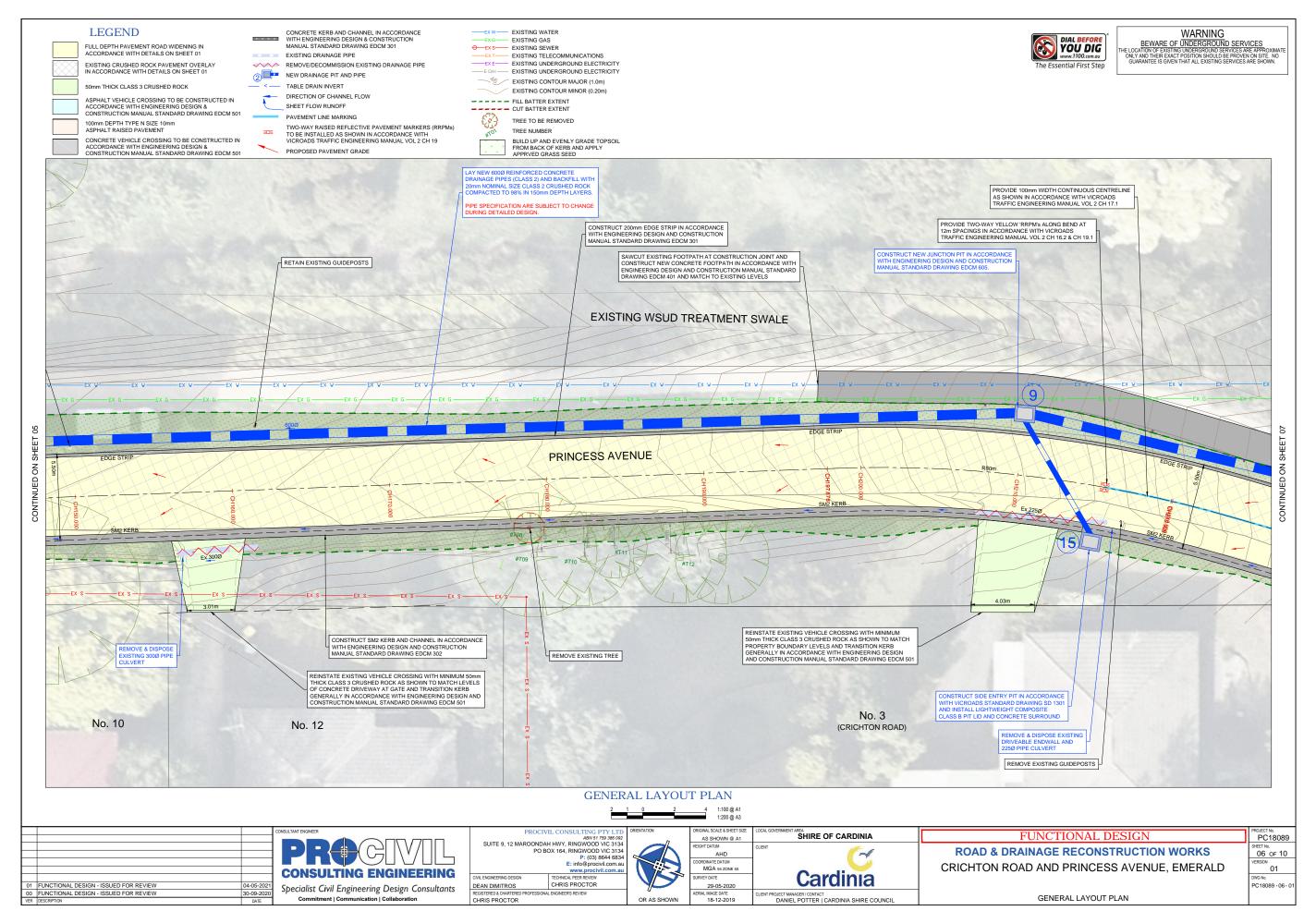
Ordinary Council Meeting 19 July 2021 364

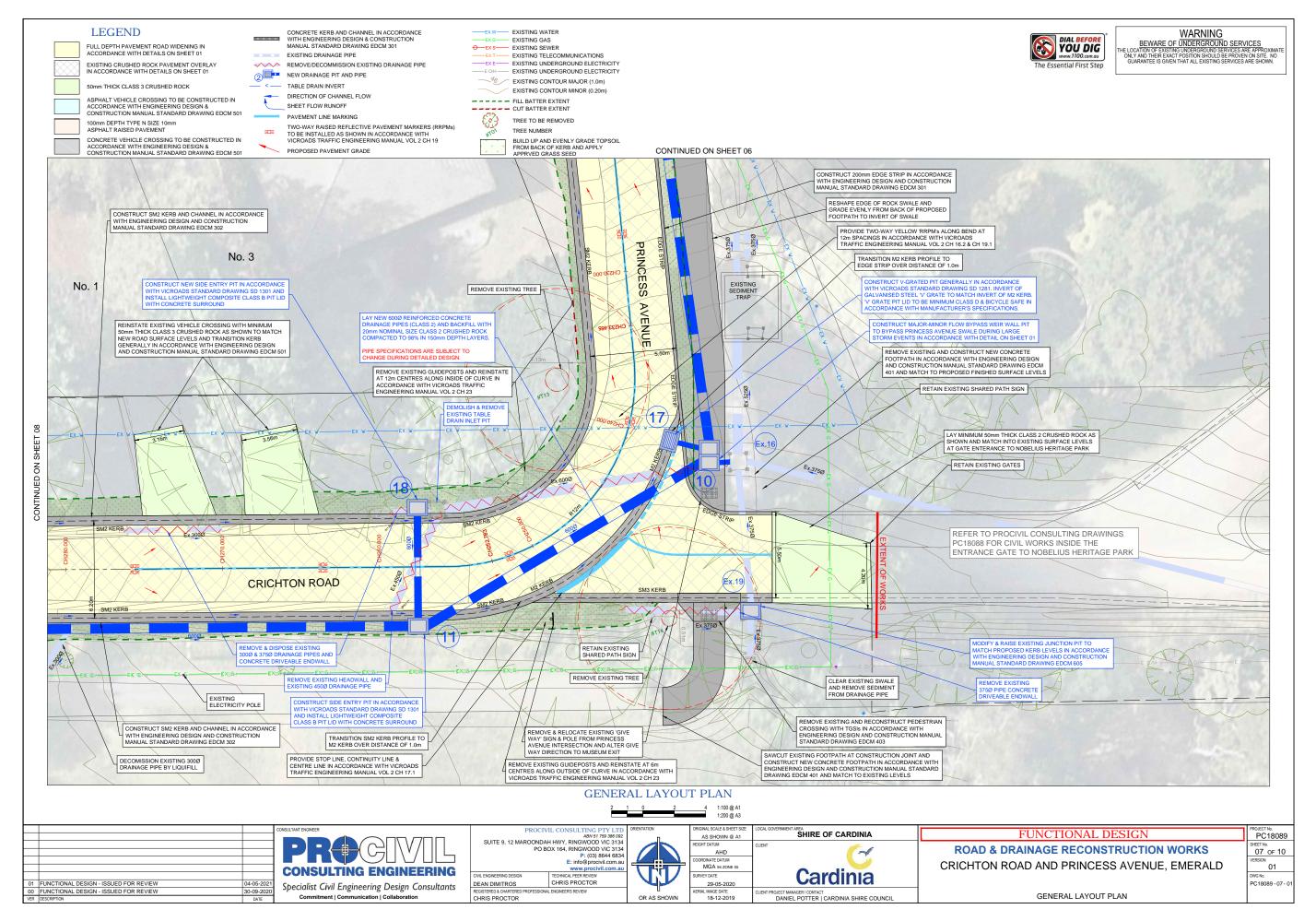






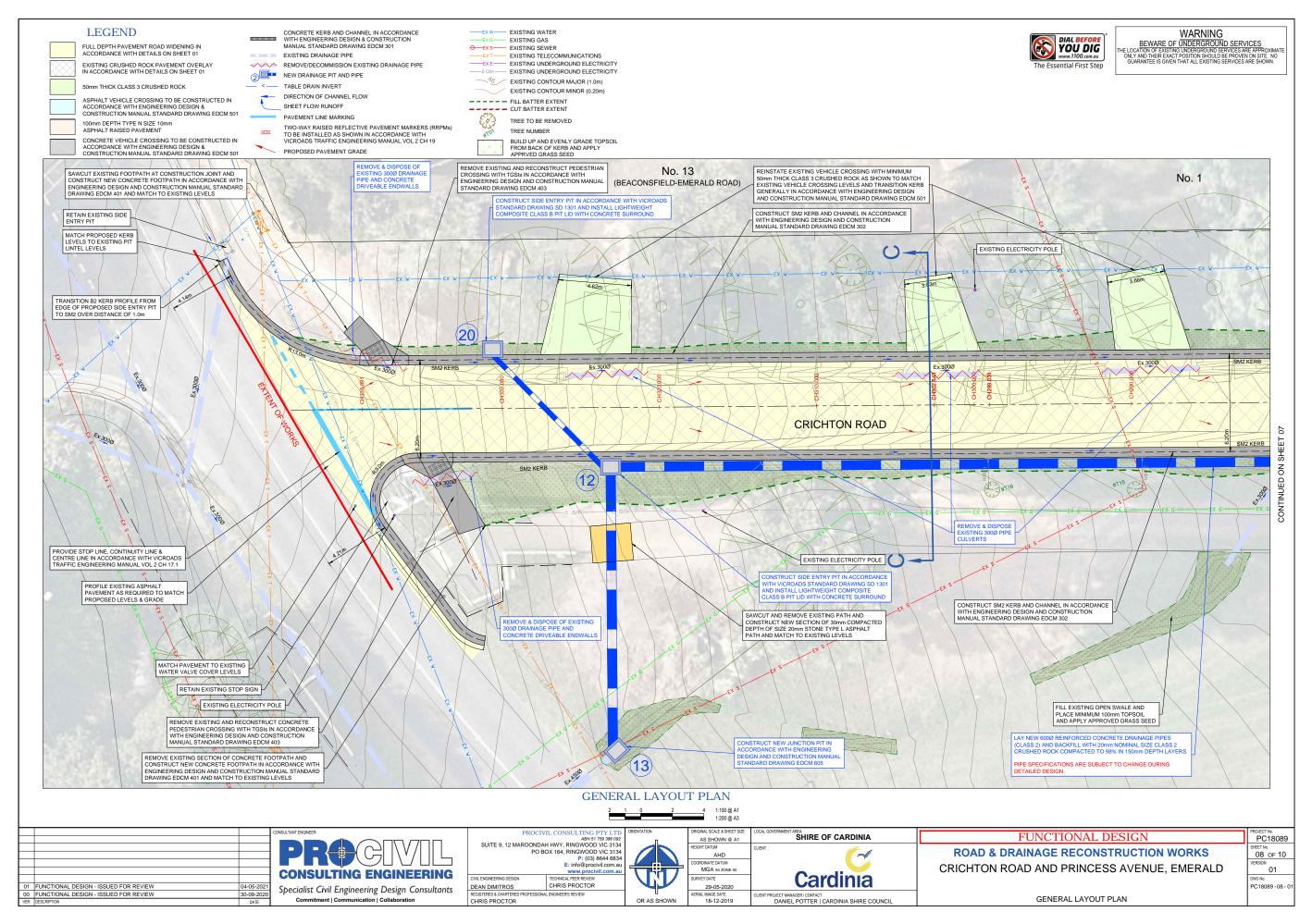






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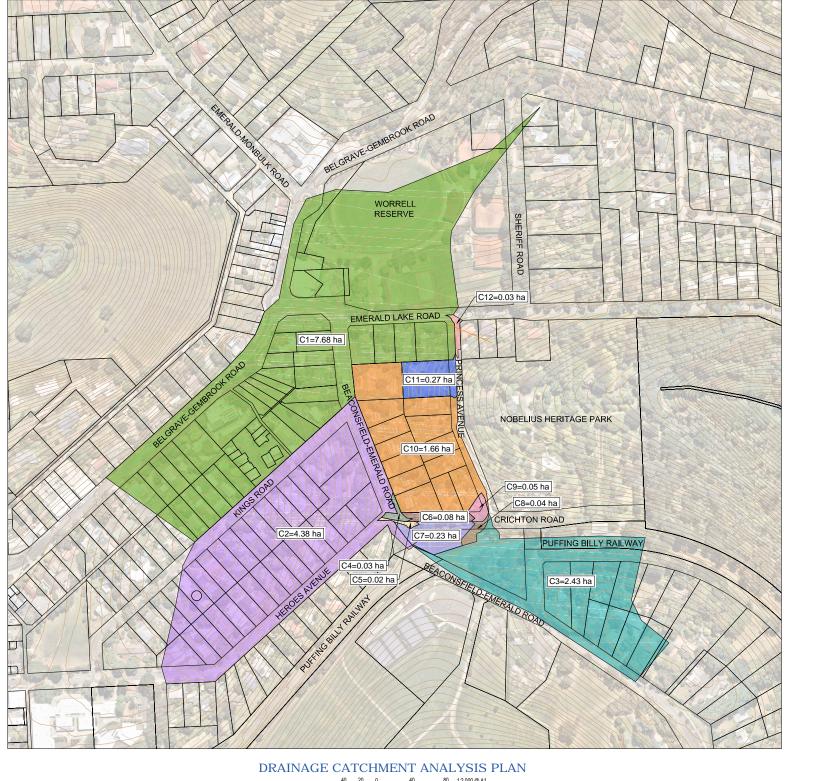
Ordinary Council Meeting 19 July 2021

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ORDINARY COUNCIL MEETING 19 JULY 2021 ATTACHMENT 6.2.6.3



WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE
ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO
GLARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.



DRAINAGE CATCHMENT ANALYSIS PL.

ONSULTANT ENGINEER

PROCESSION - ISSUED FOR REVIEW
OF FUNCTIONAL DESIGN - ISSUED FOR REVIEW

PROCIVIL CONSULTING PTY LTD

ABM 51 759 386 692

SUITE 9, 12 MAROONDAH HWY, RINSWOOD VIC 3134
PO BOX 164, RINGWOOD VIC 3134
P. (03) 8644 6834
E: info@procivil.com.au

CML ENGNEERING DESIGN
DEAN DIMITROS

CHRIS PROCTOR

CHRIS PROCTOR

HEIGO COC COC SUR AER

CORIGINAL SCALE & SHEET SIZE

AS SHOWN @ A1

HEIGHT DATUM
AHD

CORDINATE DATUM
MGA 94 ZONE 55

SURVEY DATE
29-05-2020

AERIAL IMAGE DATE
18-12-2019

LOCAL GOVERNMENT AREA
SHIRE OF CARDINIA

CLIENT
SHIRE OF CARDINIA

CLIENT
CLIENT
SHIRE OF CARDINIA

CLIENT
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DANIEL POTTER | CARDINIA SHIRE COUNCIL

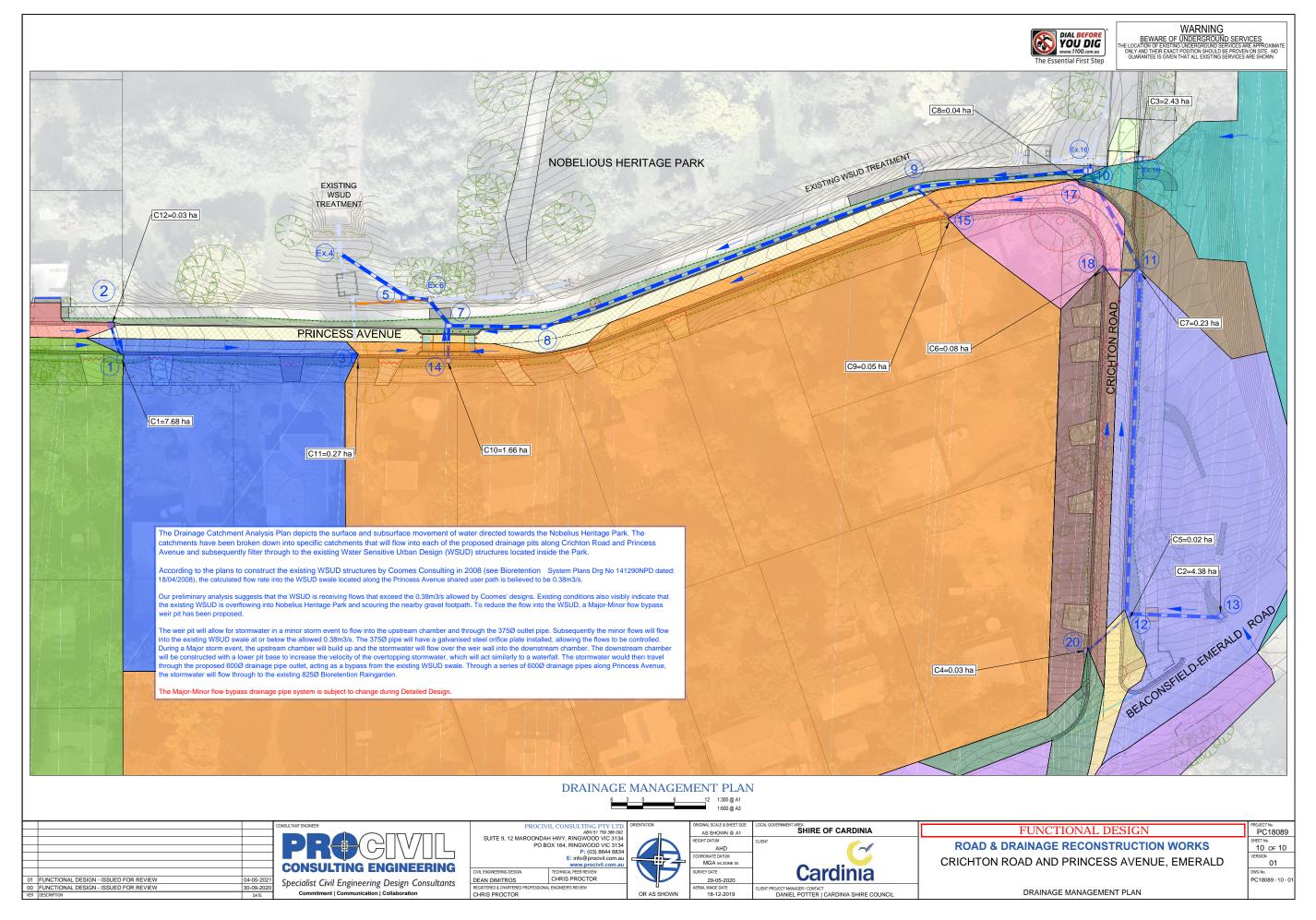
FUNCTIONAL DESIGN

ROAD & DRAINAGE RECONSTRUCTION WORKS

CRICHTON ROAD AND PRINCESS AVENUE, EMERALD

DRAINAGE CATCHMENT ANALYSIS PLAN

PROJECT No.
PC 18089
SHEET No.
09 OF 10
VERSION
01
DWG No.
PC 18089 - 09 - 01



Ordinary Council Meeting 19 July 2021

ORDINARY COUNCIL MEETING 19 JULY 2021 ATTACHMENT 6.2.6.4

Major Roads Program - Special Charge Scheme (SCS) Apportionment Sheet (Template)

Road - Princess Ave/Crichton Rd, Catchment

| Project Cost Summary: | | | | | | |
|----------------------------------|--------------|--|--|--|--|--|
| Total Project Cost (Inc. Design, | | | | | | |
| Supervision/Admin & Offset) | 972,900 | | | | | |
| | | | | | | |
| Total Council Contribution | 902,900 | | | | | |
| Total Landowner Contribution | \$ 70,000.00 | | | | | |
| Financing Costs | \$6,125 | | | | | |

| Council Cost Summary: | | | | | | | |
|--------------------------|----|------------|--|--|--|--|--|
| | | | | | | | |
| Council 50% Contribution | | \$486,450 | | | | | |
| Subsidy for costs above | | | | | | | |
| FedFund ceiling | \$ | 416,450.00 | | | | | |
| Total Council Cost | \$ | 902,900.00 | | | | | |

| Apportionment Summary: | | | | | | | |
|----------------------------|----------|--|--|--|--|--|--|
| | | | | | | | |
| Unit Ratio = | 100% | | | | | | |
| | | | | | | | |
| Total Landowner Units = | 10 | | | | | | |
| Total Council Units = | Nil | | | | | | |
| \$ / Unit = | \$48,645 | | | | | | |
| FedFund Ceiling \$/ Unit = | \$7,000 | | | | | | |

| | | | DEVELOPMENT / BENEFIT | CHARGE FOR | THE | ADJI | USTED FOR | | | | |
|------------------------|----------------------------|----------------|-----------------------|------------|--------|------|-----------|------------------|-----|-----------|---------------|
| DESCRIPTION | PROPERTY ADDRESS | ASSESSMENT NO. | UNIT | WORKS | | CEIL | ING | FINANCING CHARGE | TOT | AL CHARGE | YEARLY CHARGE |
| L13 LP24462 V8856 F926 | 1 Crichton Rd | 2204300100 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L14 LP24462 | 3 Crichton Rd | 2204300200 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| | 5 Crichton Rd (Nobelius | | | | | | | | | | |
| PT CP159745 | Heritage Park) | 2204350100 | Nil | | | | | | | | |
| L20 LP24462 V7910 F048 | 2 Princess Ave | 2702000100 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L19 LP24462 | 4 Princess Ave | 2702000200 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L18 LP24462 V7981 F035 | 6 Princess Ave | 2702000300 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L17 LP24462 V8140 F826 | 8 Princess Ave | 2702000400 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L16 LP24462 | 10 Princess Ave | 2702000500 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L1 TP146483 V9080 F433 | 12 Princess Ave | 2702000600 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| L4 LP24462 | 8 Emerald Lake Rd | 2270050400 | 0.5 | \$ 24,3 | 322.50 | \$ | 3,500.00 | \$ 306.25 | \$ | 3,806.25 | \$ 543.75 |
| L1 TP184743 V9114 F697 | 10 Emerald Lake Rd | 2270050500 | 0.5 | \$ 24,3 | 322.50 | \$ | 3,500.00 | \$ 306.25 | \$ | 3,806.25 | \$ 543.75 |
| L1 TP108531 | 13 Beaconsfield-Emerald Rd | 2076560500 | 1 | \$ 48,6 | 545.00 | \$ | 7,000.00 | \$ 612.50 | \$ | 7,612.50 | \$ 1,087.50 |
| | | | | | | | | | | | |
| _ | | Total | 10 | \$ 486,4 | 150.00 | \$ | 70,000.00 | \$ 6,125.00 | \$ | 76,125.00 | \$ 10,875.00 |

Notes

50 % Council contribution required for Nobelius Heritage Park

Total project cost includes 15% design/supervision/admin allowance

Financing charge estimated on 5% interest paid in quarterly installments over a 7 year repayment period

Ordinary Council Meeting 19 July 2021