

ROAD & DRAINAGE RECONSTRUCTION WORKS

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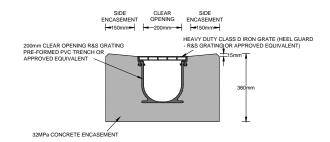
WARNING BEWARE OF UNDERGROUND SERVICES

HE LOCATION OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE

MILLER STREET & MONTPELLIER STREET, HEALESVILLE

DRAWING INDEX

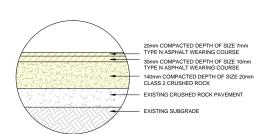
SHEET No.	TITLE
1	TITLE SHEET - LOCALITY PLAN, GENERAL NOTES, DRAWING INDEX & DETAILS
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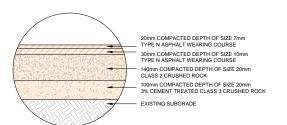
TRENCH GRATE DETAIL

ADAPTED FROM R&S GRATING - TRENCH GRATING - QUICK INSTALL GUIDELINES

NOT TO SCALE



OVERLAY EXISTING PAVEMENT DETAIL



FULL DEPTH PAVEMENT DETAIL

NOTES

- THE CONTRACTOR IS TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITY SERVICES PRIOR TO CARRYING OUT WORKS BY TELEPHONING 1100 "DIAL
- DISCREPANCIES BETWEEN PLANS AND EXISTING CONDITIONS ARE TO BE REPORTED IMMEDIATELY TO THE COUNCIL'S SUPERVISING ENGINEER.
- ALL SURPLUS EXCAVATED MATERIAL REMAINS THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFIED OTHERWISE OR ADVISED BY THE COUNCIL'S SUPERVISING ENGINEER.
- "REMOVE" SHALL MEAN REMOVE OFF-SITE AND DISPOSE OF AT AN APPROVED DISPOSAL SITE AT THE CONTRACTOR'S EXPENSE, UNLESS SPECIFIED OTHERWISE.
- 5. ON COMPLETION OF CONSTRUCTION ALL WORK AREA ARE TO BE CLEANED UP & REINSTATED TO THE SATISFACTION OF THE COUNCIL'S SUPERVISING ENGINEER.

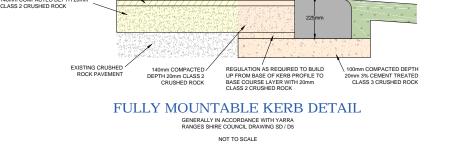
- ROAD CROSSFALL TO BE 1 in 36 FALLING TOWARDS THE TABLE DRAIN OR KERB AND CHANNEL UNLESS SPECIFIED OTHERWISE.
- AT NEW FILL AREAS THE TOPSOIL SHALL BE STRIPPED AND FILLING MATERIAL PLACED IN 150mm THICK LAYER AND COMPACTED TO 95% A.A.S.H.O. COMPACTION TEST, THE TOPSOIL IS THEN RE-SPREAD ON THE BATTER AREAS
- NEW CONCRETE FOOTPATH PAVING TO BE 32 MPa STRENGTH.
- TACTILE GROUND SURFACE INDICATOR (TGSI) PAVERS ARE TO BE 300mm x 300mm x 40mm PRE-CAST CONCRETE PAVERS AND SHALL HAVE A MINIMUM LUMINANCE CONTRAST OF 30% COMPARED TO THE AMOUNT OF LIGHT REFLECTED FROM THE ADJACENT SURFACE.

- 10. EXISTING DRIVEWAY ENTRANCES TO BE REINSTATED AND SEALED FOR 1.0m FROM EDGE OF SEAL WITH 50mm COMPACTED DEPTH 10mm TYPE N ASPHALT ON A BASE OF 100mm COMPACTED DEPTH CLASS 2 FINE CRUSHED ROCK.
- 11. EXISTING DRIVEWAYS ARE TO BE REINSTATED FROM BACK OF KERB OR EDGE OF SEAL AT A MAXIMUM GRADE OF 1 in 8 FOR 2.0m THEN 1 in 4 THEREAFTER WITH A TRANSITION OF 1 in 6 FOR 2.0m IS PREFERRED WHERE POSSIBLE AS PER:
- GRAVEL DRIVEWAY WITH 50mm COMPACTED DEPTH OF 3% CEMENT TREATED CRUSHED ROCK UNLESS SPECIFIED OTHERWIS
- ASPHALT DRIVEWAYS WITH 50mm COMPACTED DEPTH 10mm NOMINAL SIZE ASPHALT ON A BASE OF 100mm COMPACTED DEPTH CLASS 2 FINE CRUSHED
- CONCRETE DRIVEWAYS WITH 150mm DEPTH CONCRETE PAVING ON A BASE OF 50mm COMPACTED DEPTH CLASS 2 FINE CRUSHED ROCK
- BRICK PAVER DRIVEWAYS WITH SUITABLE HEAVY DUTY BRICK PAVERS ON 30mm OF BEDDING SAND ON A BASE OF 100mm COMPACTED DEPTH CLASS 2 FINE CRUSHED ROCK.
- 12. TABLE DRAIN TO BE CLEANED, REDEFINED OR DEFINED AS NECESSARY ALONG THE HIGH SIDE OF THE ROADWAY REFER TO TYPE OF SECTION FOR TABLE DRAIN PROFILE. MINIMUM DEPTH 300mm

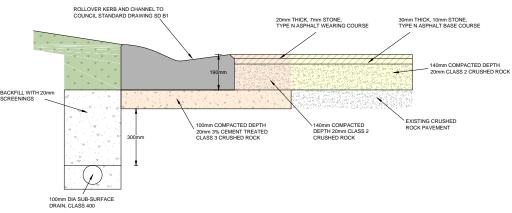
- 13. ALL DRAINAGE PIPES TO BE CLASS 2 RUBBER RING JOINTED SPIGOT AND
- ALL PROPERTY STORM WATER OUTLETS WITHIN 3.0m OF THE NEW DRAIN OR KERB ARE TO BE CONNECTED TO UNDERGROUND DRAINAGE PIPES WHERE AVAILABLE, OR BACK OF KERB WHERE UNDERGROUND DRAINAGE PIPES ARE NOT AVAILABLE.
- 15. DRAINAGE PITS GREATER THAN 1.0m IN DEPTH TO BE PROVIDED WITH STEP
- 16. A.G. DRAIN PLACED BEHIND KERB AND CHANNEL AS SHOWN ON PLAN IF WITHIN 3.0m OF ANY TREE EXCAVATION TO BE HAND DUG OR BORED TO MINIMISE ROOT

- 17. TREE PROTECTION ZONES (TPZ) HAVE BEEN SHOWN FOR ALL TREES LOCATED CLOSE TO THE WORKS AREA. WORKS AND ANY STOCKPILES OF CONSTRUCTION EQUIPMENT AND MATERIAL ARE TO BE CONTAINED OUTSIDE THE TPZ UNLESS SPECIFICALLY APPROVED BY THIS PLAN, PRIOR APPROVAL MUST BE SOUGHT FOR ANY WORKS NOT SPECIFIED AND APPROVED BY THIS PLAN THAT ARE TO BE CONDUCTED WITHIN THE TPZ OF ANY TREE.
- 18. ONLY TREES SHOWN TO BE REMOVED ON THIS PLAN CAN BE REMOVED. ANY ONLY TREES SHOWN TO BE REMOVED ON THIS PEAN CAN BE REMOVED. ANY DAMAGE TO THE BARK, BRANCHES, TRUNKS OR ROOTS OF OTHER TREES SHOULD BE IMMEDIATELY REPORTED TO COUNCIL'S CONSTRUCTION SURVEILLANCE OFFICER BEFORE ANY WORKS CONTINUE AROUND THE SUBJECT

19. ALL EXISTING SIGNS AND POSTS REMAIN THE PROPERTY OF THE COUNCIL



FULLY MOUNTABLE KERB IN ACCORDANCE



ROLLOVER KERB AND CHANNEL DETAIL

GENERALLY IN ACCORDANCE WITH YARRA RANGES SHIRE COUNCIL DRAWING SD / D5 NOT TO SCALE

02 FUNCTIONAL DESIGN - ISSUED FOR REVIEW 01 FUNCTIONAL DESIGN - ISSUED FOR REVIEW 00 FUNCTIONAL DESIGN - ISSUED FOR REVIEW

CONSULTING ENGINEERING Specialist Civil Engineering Design Consultants

Commitment | Communication | Collaboration

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PO BOX 164, RINGWOOD VIC 3134
P: (03) 8644 6834 E: info@procivil.com.a www.procivil.com.a KURT CHAMBERLAIN LUKE WHITFIELD

SINAL SCALE & SHEET SIZ SHIRE OF YARRA RANGES AS SHOWN @ A1 MGA 94 ZONE 55 18-09-2020 PETROS INDOS | GRANT McCARTHY 12-12-2020

FUNCTIONAL DESIGN ROAD & DRAINAGE RECONSTRUCTION WORKS MILLER STREET & MONTPELLIER STREET, HEALESVILLE

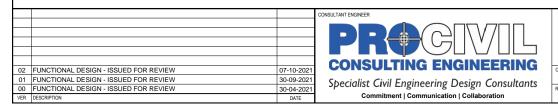
TITLE SHEET - LOCALITY PLAN, GENERAL NOTES, DRAWING INDEX & DETAILS

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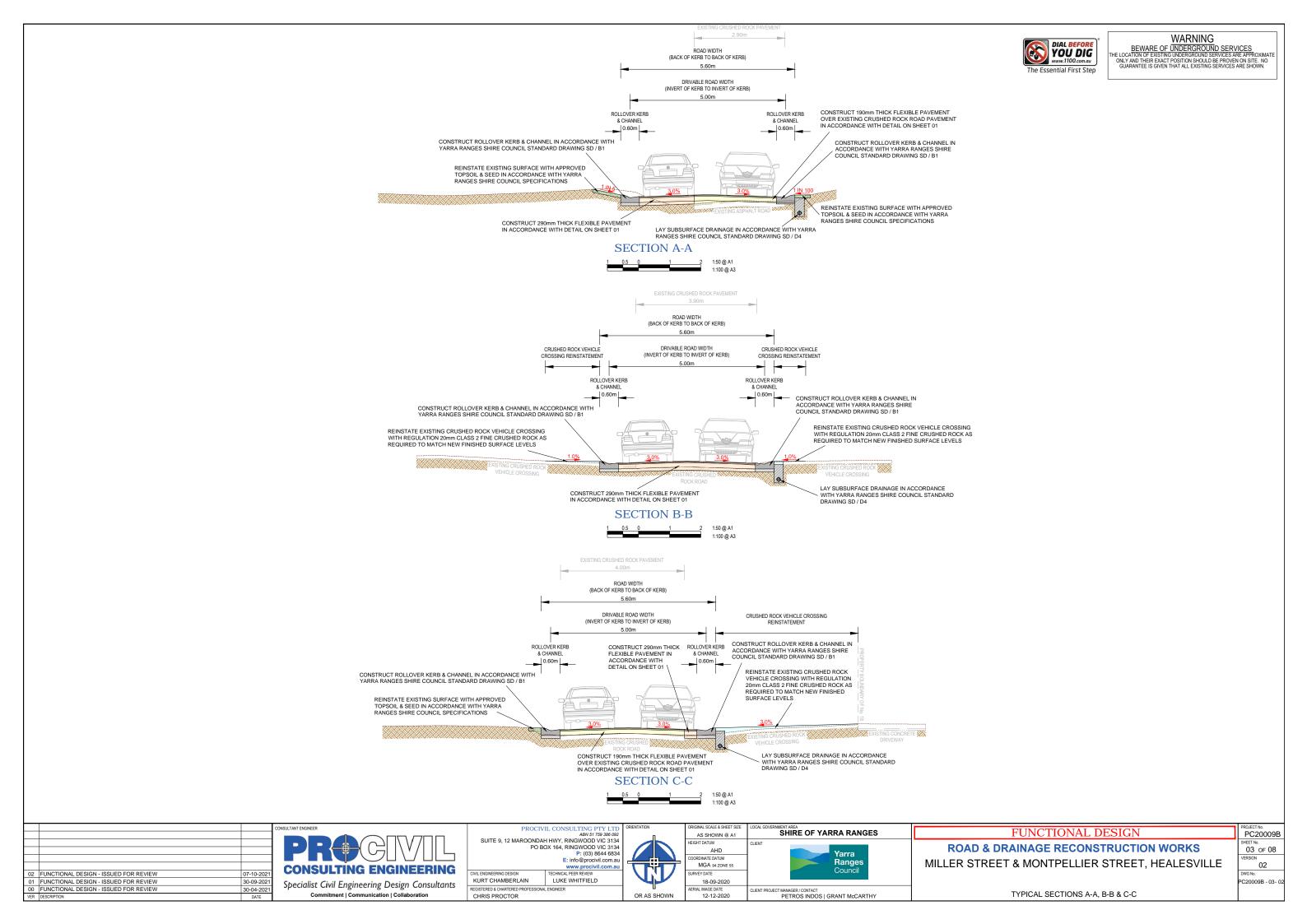


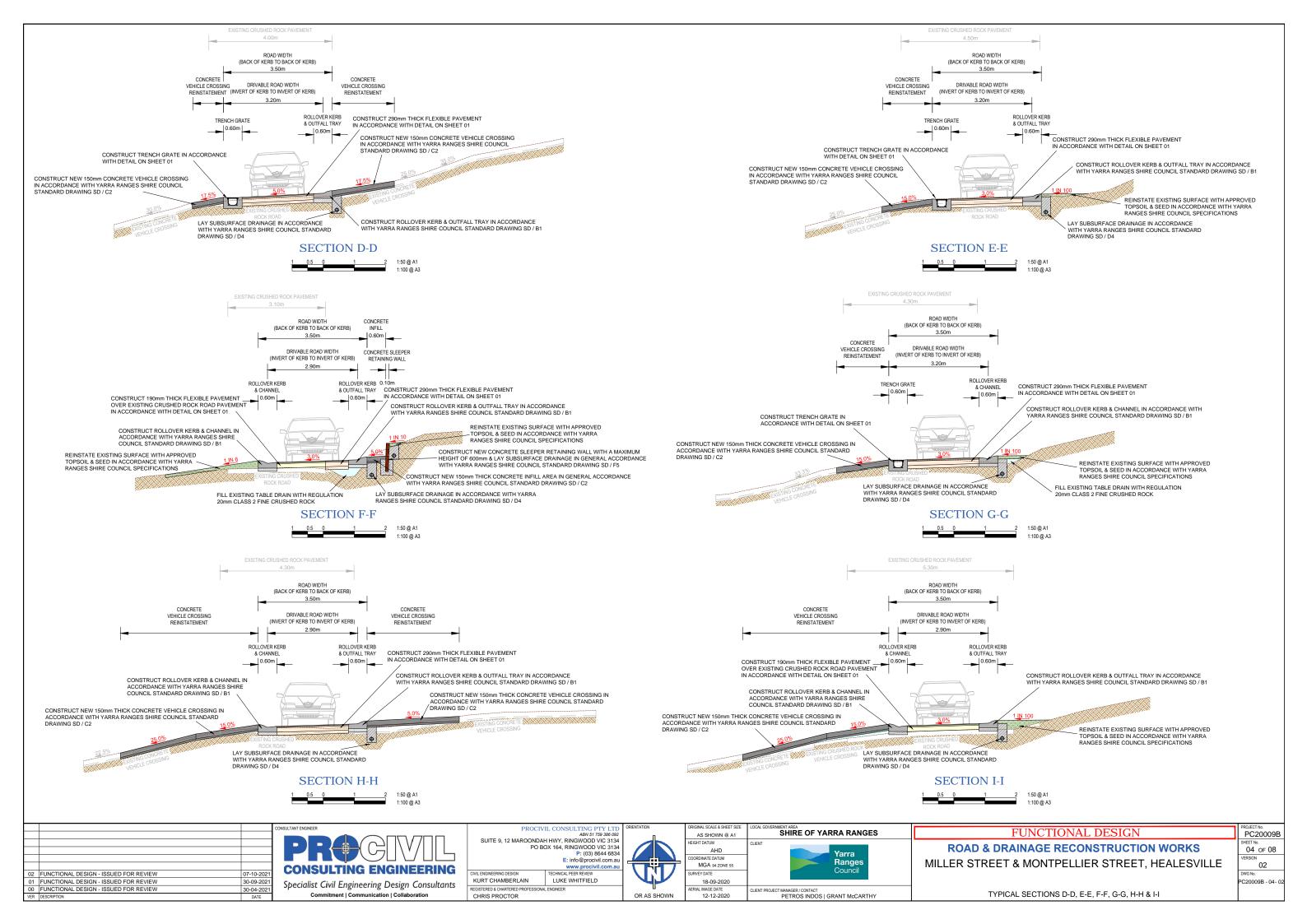
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URT CHAMBERLAIN	LUKE WHITFIELD	1

ORIENTATION	ORIGINAL SCALE & SHEET SIZE	LOCAL GOVERNMENT AREA
П	AS SHOWN @ A1	SHIRE OF YARRA RANGES
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OVERALL PLAN	

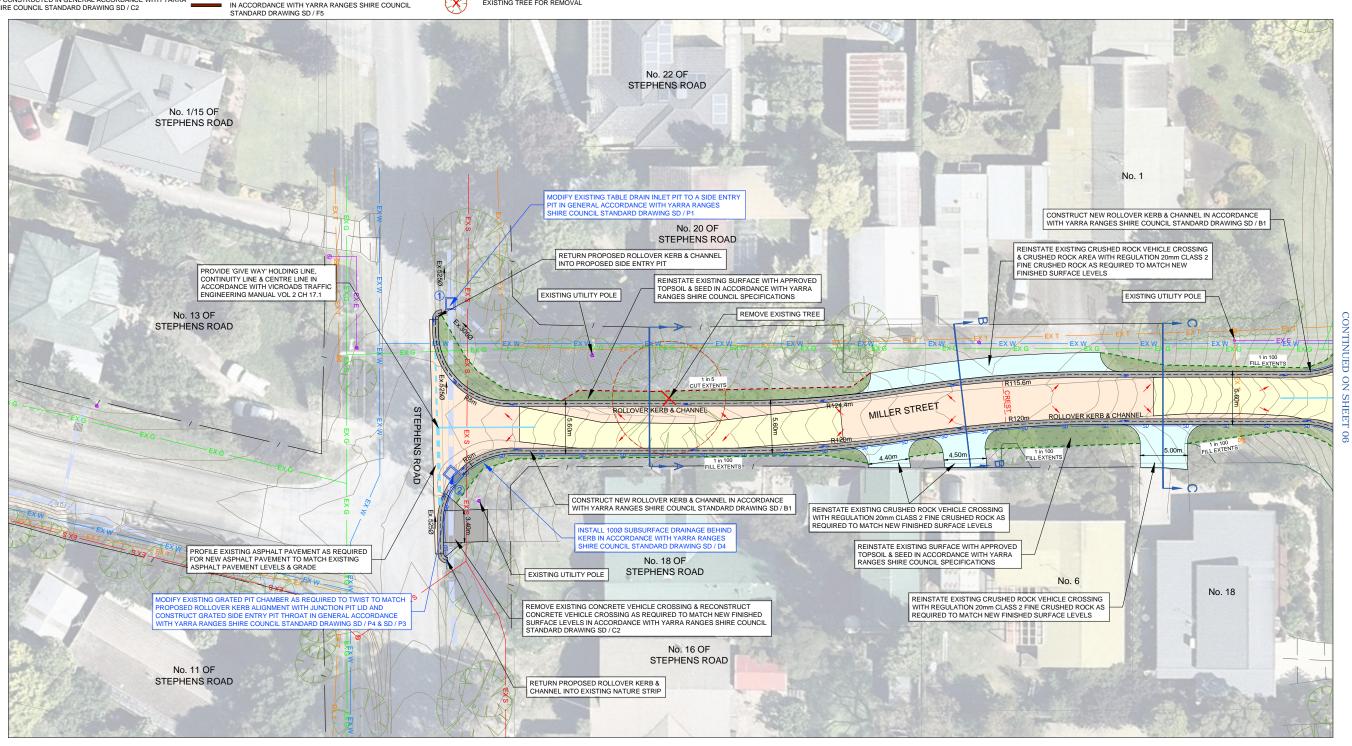
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GENERAL LAYOUT PLAN



02	FUNCTIONAL DESIGN - ISSUED FOR REVIEW	07-10-2021
01	FUNCTIONAL DESIGN - ISSUED FOR REVIEW	30-09-2021
00	FUNCTIONAL DESIGN - ISSUED FOR REVIEW	30-04-2021
VER	DESCRIPTION	DATE

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FUNCTIONAL DESIGN

ROAD & DRAINAGE RECONSTRUCTION WORKS

MILLER STREET & MONTPELLIER STREET, HEALESVILLE

GENERAL LAYOUT PLAN

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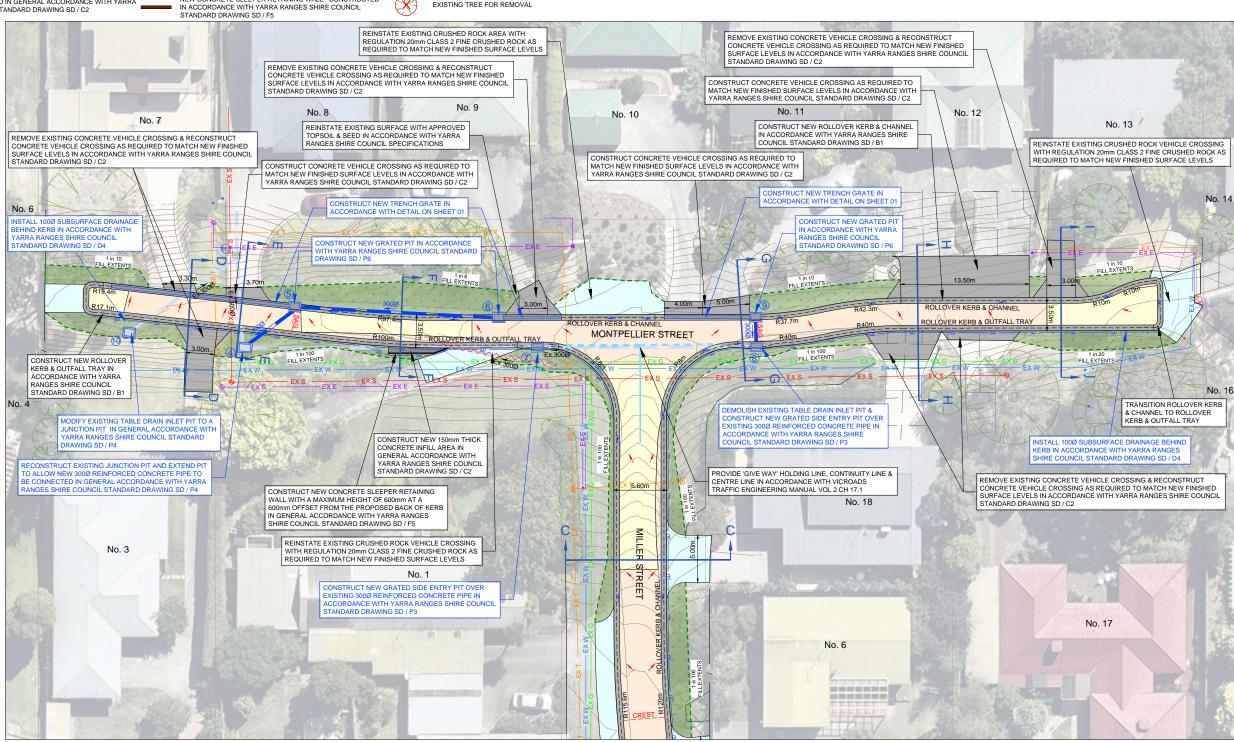
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GENERAL LAYOUT PLAN

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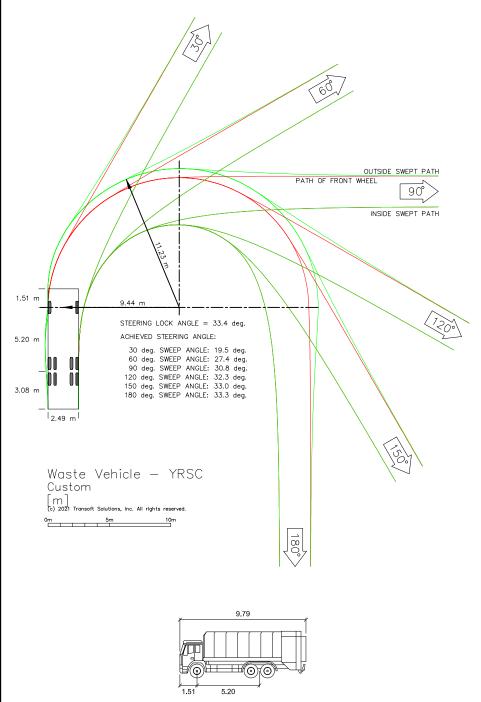
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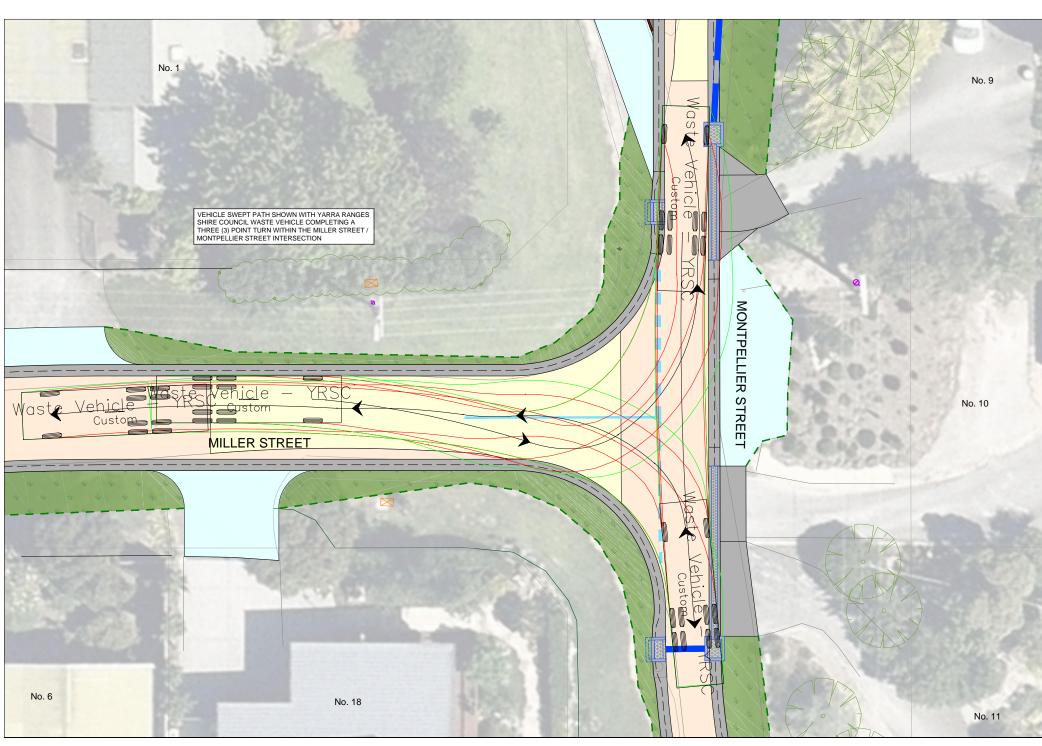
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Waste Vehicle - YRSC meters

Width : 2.49
Track : 2.50
Lock to Lock Time : 6.0
Steering Angle : 33.4

SWEPT PATH ANALYSIS PLAN - YRSC WASTE VEHICLE



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ROAD & DRAINAGE RECONSTRUCTION WORKS

MILLER STREET & MONTPELLIER STREET, HEALESVILLE

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SWEPT PATH ANALYSIS PLAN - YRSC WASTE VEHICLE

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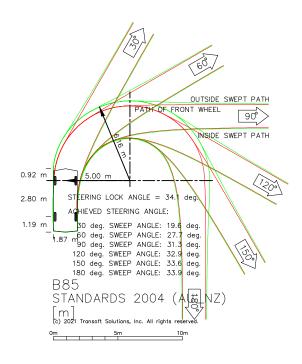
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SWEPT PATH ANALYSIS PLAN - STANDARD B85 VEHICLE



SWEPT PATH ANALYSIS PLAN - STANDARD B85 VEHICLE



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MILLER STREET & MONTPELLIER STREET, HEALESVILLE

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SWEPT PATH ANALYSIS PLAN - STANDARD B85 VEHICLE