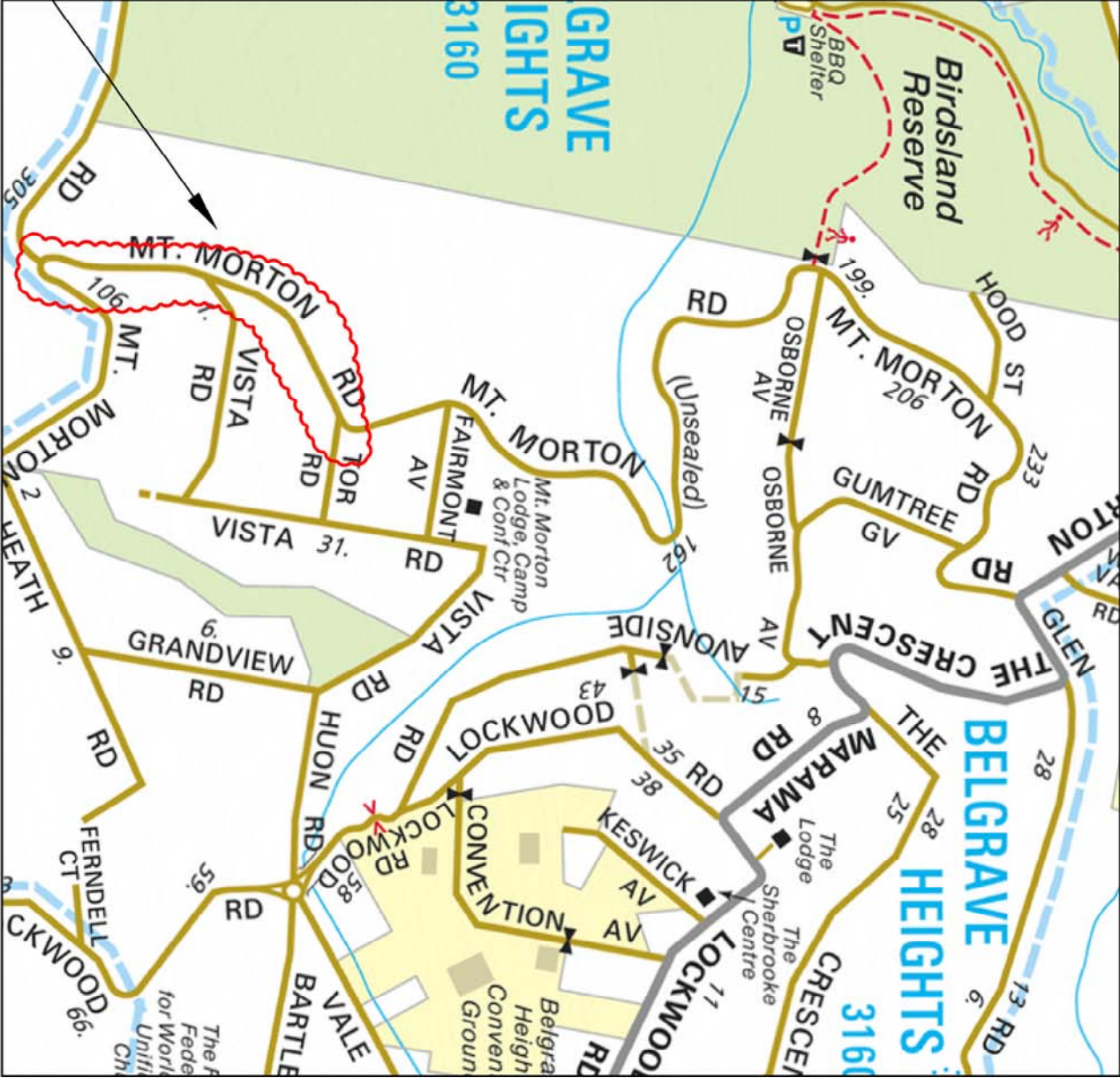


MOUNT MORTON ROAD, BELGRAVE HEIGHTS
RYAN ROAD TO TOR ROAD - STAGE 2
ROAD UPGRADE - SPECIAL CHARGE SCHEME



SITE OF WORKS

LOCALITY PLAN

MELWAYS REF 84 C2

DRAWING LIST

- SHEET 1 FACE SHEET
- SHEET 2 STANDARD NOTES
- SHEET 3 PAVEMENT DETAILS
- SHEET 4-9 DETAIL PLANS
- SHEET 10-15 LONGITUDINAL SECTIONS
- SHEET 16-27 CROSS SECTIONS
- SHEET XX-XX SETOUT PLANS AND TABLES
- SHEET XX-XX DRAINAGE LONGITUDINAL SECTIONS
- SHEET XX-XX PIT SCHEDULE

AMENDMENTS			LEGEND			SCALES		
DATE	REVISION	AUTHORISED						
			Conduits	—C—	Telecom U/G Cable	—T—	Telecom Pole	Proposed K & Ch
			Existing Drains	—B—	Water Main	—V—	Telecom Pit	Asphalt Area
			S.E.C. U/G Cable	—E—	Fire Hydrant	—FM—	Existing Drain Pits	Concrete Area
			Gas Main	—G—	Fire Plug	—FP—	Proposed Drain Pits	Gravel Area
			Sewer Main	—S—	Stop Valve	—SV—	Proposed Drains	Tree to be removed
			Property Outlet	—PW—	S.E.C. Pole	—P—	Existing K & Ch	Survey Station

YARRA RANGES COUNCIL			Scales		
MOUNT MORTON ROAD, BELGRAVE HEIGHTS			Plan by:	WONLAND GROUP	Plan:
RYAN ROAD TO TOR ROAD – STAGE 2			Checked by:	ROBERT MARK	Cross Sections: 1:—
ROAD UPGRADE SPECIAL CHARGE SCHEME			Project Engineer:	ROBERT MARK	Long Sections: 1:—
FACESHEET			Pit Date:	17/01/2022	Details: A3
			Computer:	Referencecam vppn 13pp	Dates: —

Checked by	—	Total No. of Sheets	27
Manager – Infrastructure Services	—	Drawing No.	2020-033

CIVIL ROAD SOLUTIONS

ABN 13 151 174 104

60 Thompson Street, Avondale Heights, 3034

Phone: (03) 9331 4683, Fax: (03) 9331 3179

Mob: 0402 231310

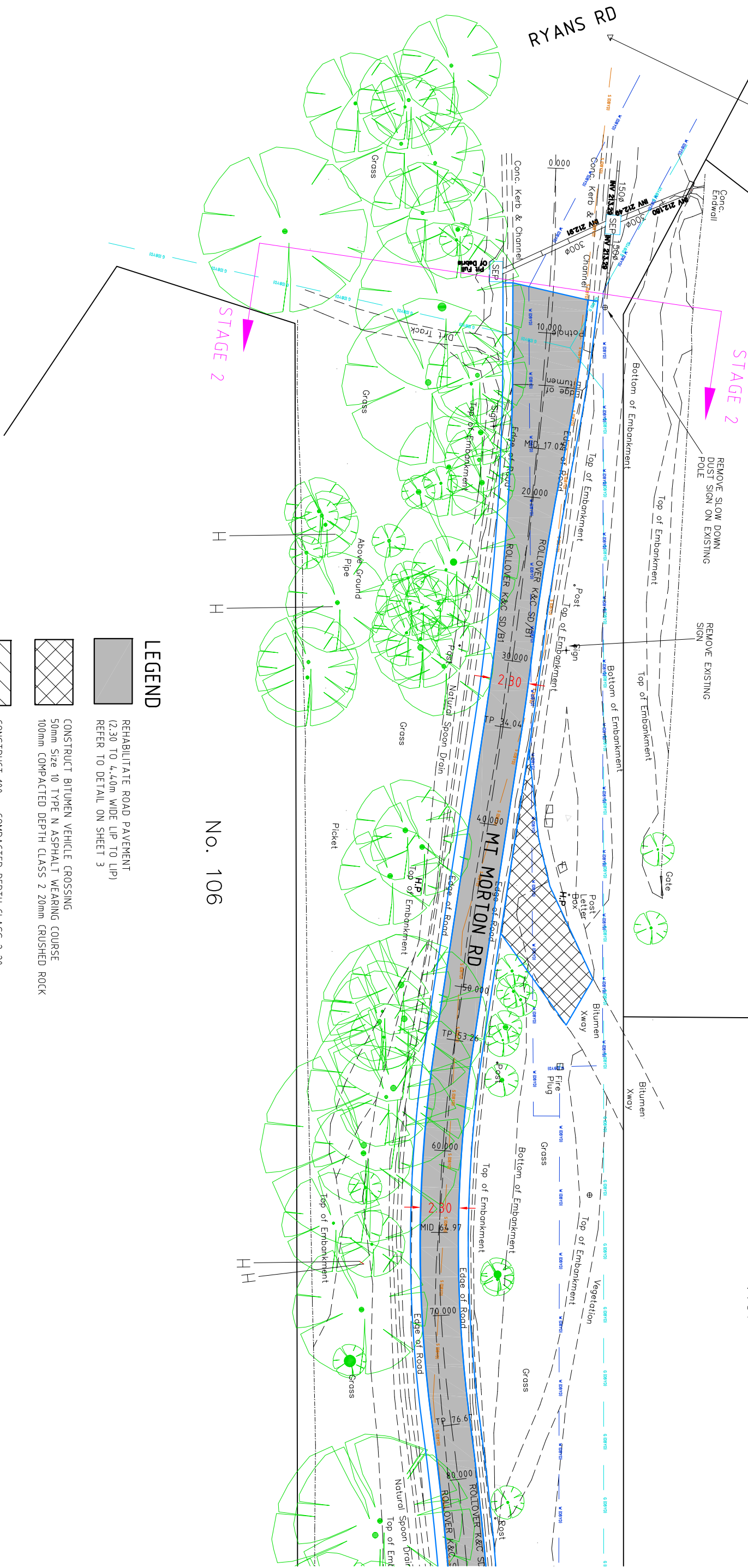
Email: rimrek@civilroadsolutions.com



GPS1
E=354142.97
N=5800492.08
RL=214.69
ROOF NAIL IN
CONC.CHANNEL

No. 115

No. 117



LEGEND

REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP)
REFER TO DETAIL ON SHEET 3

CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK

CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm
CRUSHED ROCK VEHICLE CROSSING



SCALE OF METRES
SCALE 1: 250 A3 SHEET

AMENDMENTS				LEGEND				YARRA RANGES COUNCIL			
DATE	REVISION	AUTHORISED				Survey by:	MONSIEUR GROUP	SCALES	AHD		
		Conduits	— C —	Telecom U/G Cable	①	Proposed K & Ch	Plan by: CIVIL ROAD SOLUTIONS	Plan: 1:—	Point Adopted And Location		MOUNT MORTON ROAD, BELGRAVE HEIGHTS RYAN ROAD TO TOR ROAD – STAGE 2 ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN
		Existing Drains	— D —	Water Main	②	Asphalt Area	Checked by: ROBERT MEEK	Cross Sections: 1:—	Co-ordinate Datum ADHD		
		S.E.C. U/G Cable	— F —	Fire Hydrant	③	Concrete Area	Project Engineer: ROBERT MEEK	Long Sections: 1:—			
		Gas Main	— G —	Fire Plug	④	Gravel Area	Details: A3	Date: —			
		Stop Valve	— S —	Proposed Drain Pits	⑤	Tree to be removed					
		Sewer Main	— SV —	Proposed Drains	⑥	Plot Date: 17/01/2022					
		Property Outlet	— SV —	S.E.C. Pole	⑦	Survey Station	Computer Reference: MONSIEUR GROUP				
		Existing K & Ch	— X —	Existing K & Ch	⑧	Survey Station					
MOUNT MORTON ROAD, BELGRAVE HEIGHTS											
RYAN ROAD TO TOR ROAD – STAGE 2											
ROAD UPGRADE SPECIAL CHARGE SCHEME											
DETAIL PLAN											
Checked by: —										Total No. of Sheets	Sheet No.
Approved: —										27	4
Manager – Infrastructure Services										Drawing No.	2020-033

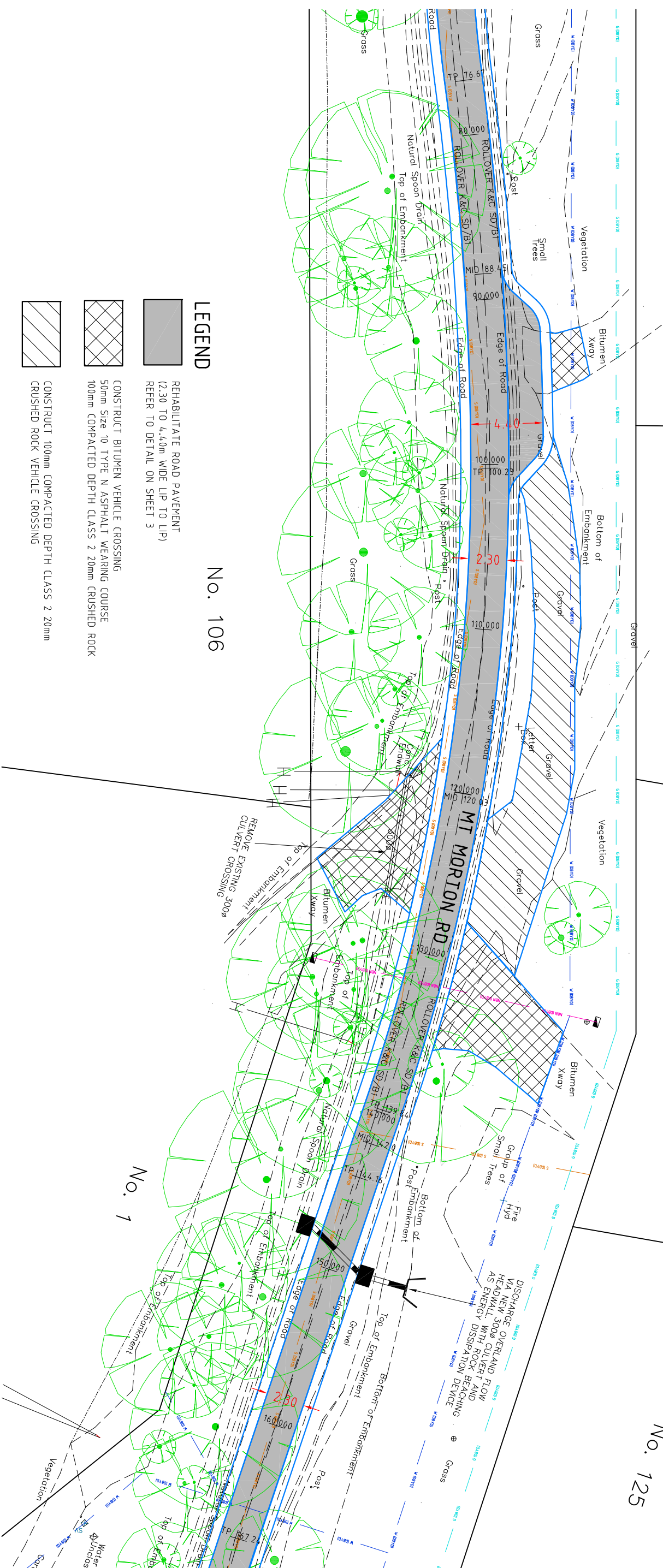


7

No. 121

No. 123

No. 125



LEGEND

REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP)
REFER TO DETAIL ON SHEET 3

CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK

CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm
CRUSHED ROCK VEHICLE CROSSING

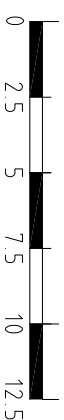
No. 106

 NO_2

CIVIL ROAD SOLUTIONS

ABN 13 151 174 104

60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimir@civilroadsolutions.com



SCALE OF METRES
SCALE 1: 250 A3 SHEET

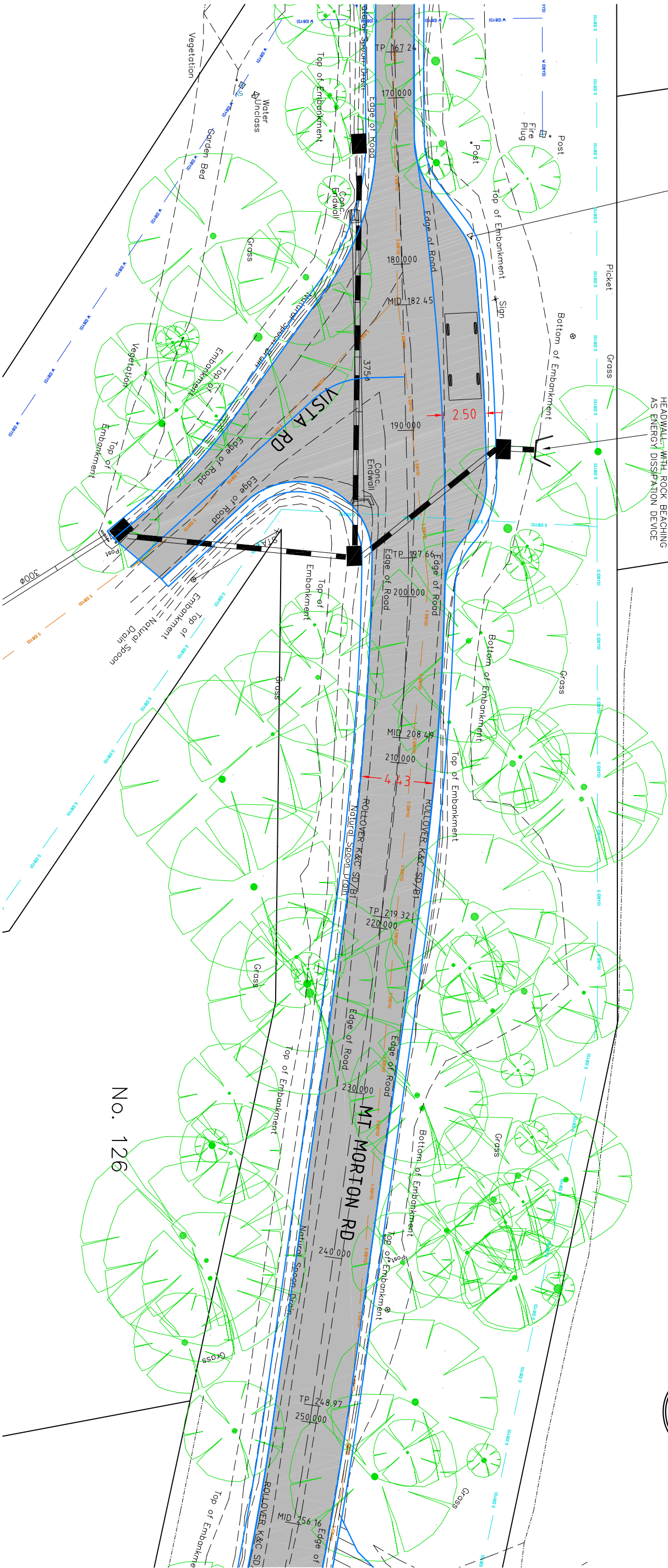
[illegible]

No. 127

No. 129

ML23
E = 354167.60
N = 5800676.23
RL = 207.80
SPIKEINGRAVEL

DISCHARGE OVERLAND FLOW
VIA NEW 300ø CULVERT AND
HEADWALL WITH ROCK BEACHING
AS ENERGY DISSIPATION DEVICE

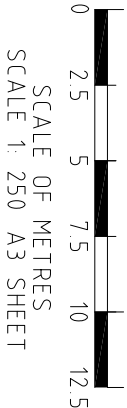


LEGEND

REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP)
REFER TO DETAIL ON SHEET 3

CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK

CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm
CRUSHED ROCK VEHICLE CROSSING



SCALE OF METRES
SCALE 1: 250 A3 SHEET

AMENDMENTS				LEGEND				SCALES				YARRA RANGES COUNCIL		MOUNT MORTON ROAD, BELGRAVE HEIGHTS RYAN ROAD TO TOR ROAD – STAGE 2 ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN		Checked by —		Total No. of Sheets 27		Sheet No. 6	
DATE	REVISION	AUTHORISED																			
		Conduits	— C —	Telephone U/G Cable	— T —	Telephone Pole	Ⓢ	Proposed K & Ch	▬▬▬	Survey by:	MOONLAND GROUP			DAVID DAVID		Approved Manager — Infrastructure Services	2020-033				
		Existing Drains	— D —	Water Main	— W —	Asphalt Area	▨	Concrete Area	▨	Plan by:	CIVIL ROAD SOLUTIONS										
		S.E.C. U/G Cable	— F —	Fire Hydrant	— FH —	Existing Drain Pits	□	Gravel Area	▨	Checked by:	ROBERT MAREK			DAVID DAVID			2020-033				
		Gas Main	— G —	Fire Plug	— FP —	Proposed Drain Pits	▨	Tree to be removed	✂	Project Engineer:	ROBERT MAREK										
		Sewer Main	— S —	Stop Valve	— SV —	Tree to be removed	✂	Survey Station	⊕	Long Sections: 1:—	A3			DAVID DAVID			2020-033				
		Property Outlet	— PO —	S.E.C. Pole	— SP —	Survey Station	⊕			Date:	—										

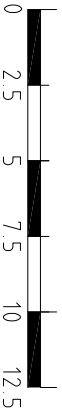
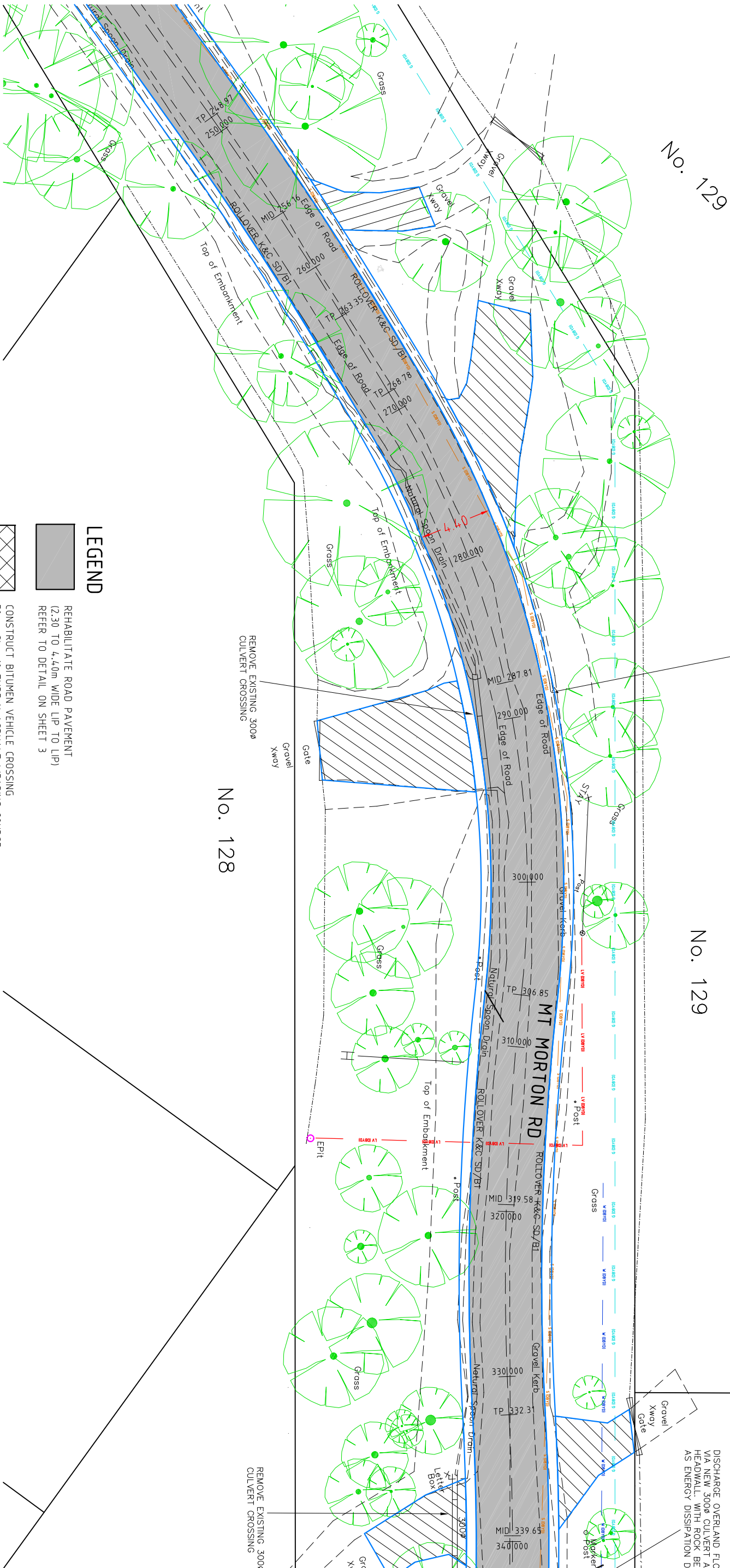
CIVIL ROAD SOLUTIONS
ABN 13 151 174 104
60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimrek@civilroadsolutions.com



ML22
E=354220.48
N=5800774.19
RL=200.21
SPIKE IN
GRAVEL KERB



DISCHARGE OVERLAND FLC
VIA NEW 300# CULVERT A
HEADWALL. WITH ROCK BE
AS ENERGY DISSIPATION D



SCALE OF METRES
SCALE 1: 250 A3 SHEET

LEGEND

- REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP)
REFER TO DETAIL ON SHEET 3
- CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK
- CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK VEHICLE CROSSING

AMENDMENTS

DATE	REVISION	AUTHORISED
		Conduits
		Existing Drains
		S.E.C. U/G Cable
		Gas Main
		Sewer Main
		Property Outlet

LEGEND

—C—	Telecom U/G Cable	—T—	Telecom Pole	ⓘ	Proposed K & Ch
—D—	Water Main	—W—	Water Pit	ⓘ	Asphalt Area
—F—	Fire Hydrant	ⓘ	Existing Drain Pits	ⓘ	Concrete Area
—G—	Fire Plug	ⓘ	Proposed Drain Pits	ⓘ	Gravel Area
—S—	Stop Valve	ⓘ	Tree to be removed	ⓘ	Tree to be removed
—SV—	S.E.C. Pole	ⓘ	Existing K & Ch	ⓘ	Survey Station

SCALES

Survey by:	MOONLAND GROUP	Plan by:	CIVIL ROAD SOLUTIONS
Checked by:	ROBERT MAREK	Checked by:	ROBERT MAREK
Project Engineer:	ROBERT MAREK	Project Engineer:	ROBERT MAREK
Plot Date:	17/01/2022	Plot Date:	17/01/2022
Date:	—	Date:	—

ADHD

Datum Adopted And Location	Co-ordinate Datum
AVG	AVG

YARRA RANGES COUNCIL

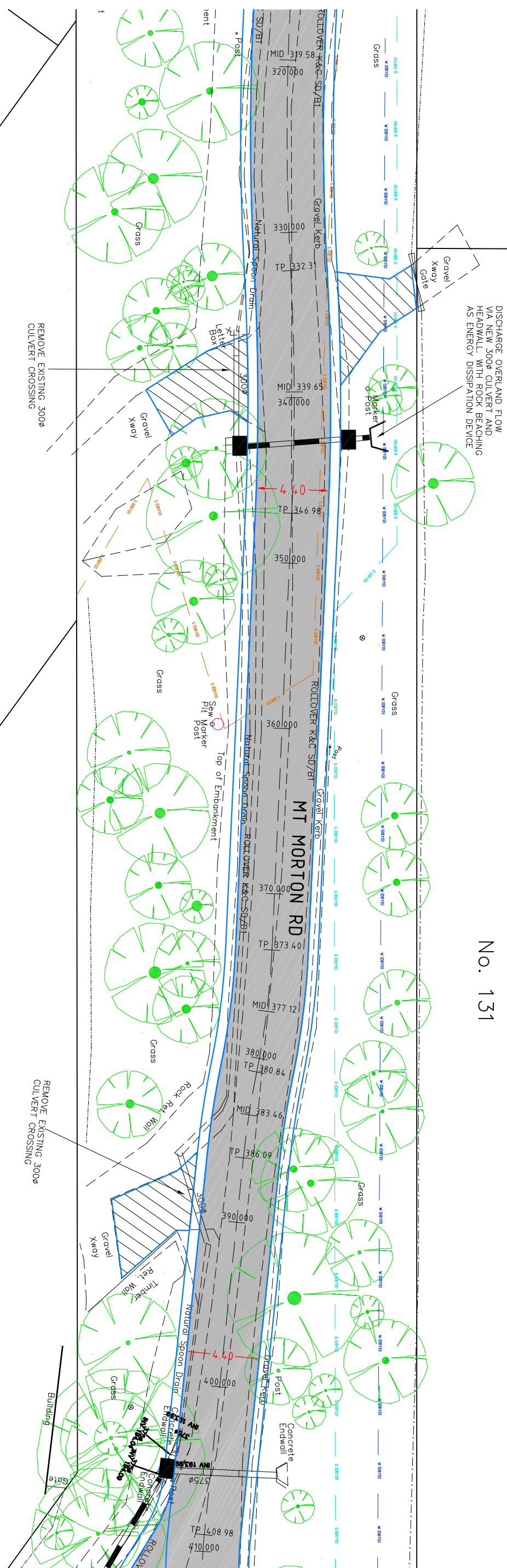
MOUNT MORTON ROAD, BELGRAVE HEIGHTS
RYAN ROAD TO TOR ROAD – STAGE 2
ROAD UPGRADE SPECIAL CHARGE SCHEME
DETAIL PLAN

CIVIL ROAD SOLUTIONS

ABN 13 151 174 104
60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimrek@civilroadsolutions.com



Checked by	—	Total No. of Sheets	27	Sheet No.	7
Approved	—	Drawing No.	2020-033		
Manager	—	Infrastructure Services			



No. 130

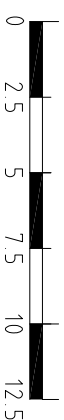
No. 132

LEGEND

REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP,
REFER TO DETAIL ON SHEET 3

CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK

CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm
CRUSHED ROCK VEHICLE CROSSING

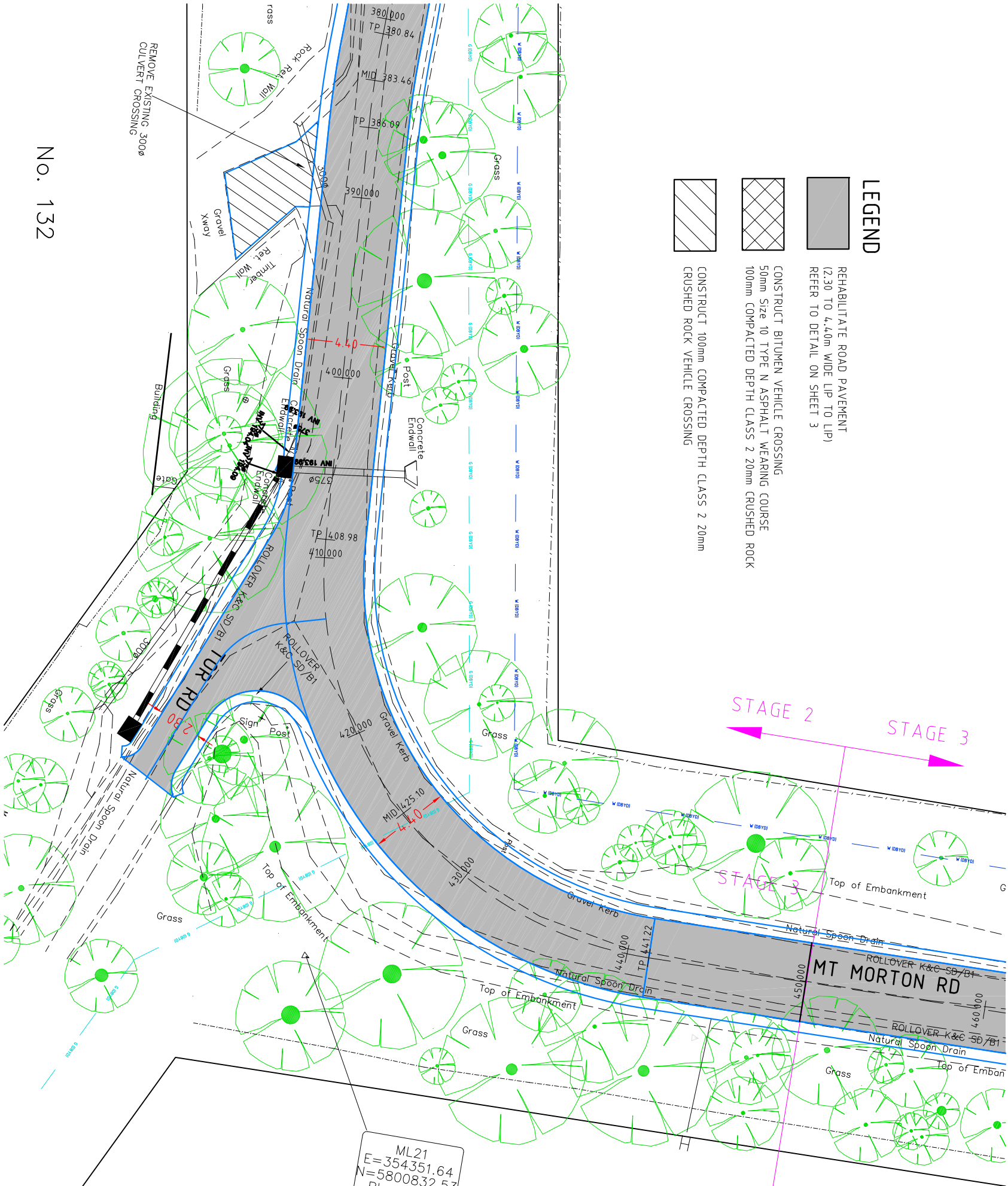


SCALE OF METRES
SCALE 1: 250 A3 SHEET

AMENDMENTS				LEGEND				YARRA RANGES COUNCIL								
DATE	REVISION	AUTHORISED	Conditions					Survey by:	MOONLAND GROUP	SCALES	Datum Adopted And Location	Checked by		Total No. of Sheets	Sheet No.	
			—C—	Telecom U/S Cable	—T—	Telecom Pole	⑦	Proposed K & Ch	==	Plan by: CIVIL ROAD SOLUTIONS	Plan: 1:---	 Yarra Ranges Council	Approved	2020—033	8	
			—G—	Water Main	—W—	Telecom Pit	—A—	Asphalt Area		Checked by: ROBERT IMREX	Cross Sections: 1:---					AHD
			—F—	Fire Hydrant	—FH—	Existing Drain Pits	□	Concrete Area		Project Engineer: ROBERT IMREX	Long Sections: 1:---					
			—P—	Fire Plug	—FP—	Proposed Drain Pits		Gravel Area		Checked by: ROBERT IMREX	Delails: A3					
			—S—	Stop Valve	—SV—	Proposed Drains	●	Tree to be removed		Project Date: 17/07/2022	Date: —					
			—SW—	S.E.C. Pole	—S—	Existing K & Ch	⊙	Survey Station		Computer Reference: WARRIMU 1984M						

LEGEND

- REHABILITATE ROAD PAVEMENT
(2.30 TO 4.40m WIDE LIP TO LIP)
REFER TO DETAIL ON SHEET 3
- CONSTRUCT BITUMEN VEHICLE CROSSING
50mm SIZE 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK
- CONSTRUCT 100mm COMPACTED DEPTH CLASS 2 20mm
CRUSHED ROCK VEHICLE CROSSING



SCALE OF METRES
SCALE 1: 250 A3 SHEET

No. 132

No. 134

CIVIL ROAD SOLUTIONS

60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimrek@civilroadsolutions.com



AMENDMENTS

DATE	REVISION	AUTHORISED
		Conduits
		Existing Drains
		S.E.C. U/G Cable
		Gas Main
		Sewer Main
		Property Outlet

LEGEND

—C—	Telecom U/G Cable	—T—	Telecom Pole
—W—	Water Main	—P—	Proposed P & Ch
—F—	Fire Hydrant	—A—	Asphalt Area
—G—	Gas Main	—C—	Concrete Area
—S—	Stop Valve	—D—	Drain Area
—P—	Proposed Drains	—R—	Tree to be removed
—E—	Existing K & Ch	—S—	Survey Station

SCALES

Survey by:	MOONLAND GROUP
Plan by:	CIVIL ROAD SOLUTIONS
Checked by:	ROBERT MAREK
Project Engineer:	ROBERT MAREK
Plot Date:	17/01/2022
Date:	—

AHD

Datum Adopted And Location
Co-ordinate Datum
AMG



YARRA RANGES COUNCIL

MOUNT MORTON ROAD, BELGRAVE HEIGHTS
RYAN ROAD TO TOR ROAD – STAGE 2
ROAD UPGRADE SPECIAL CHARGE SCHEME
DETAIL PLAN

Checked by	—	Total No. of Sheets	27	Sheet No.	9
Approved	—	Drawing No.	2020-033		
Manager - Infrastructure Services	—				