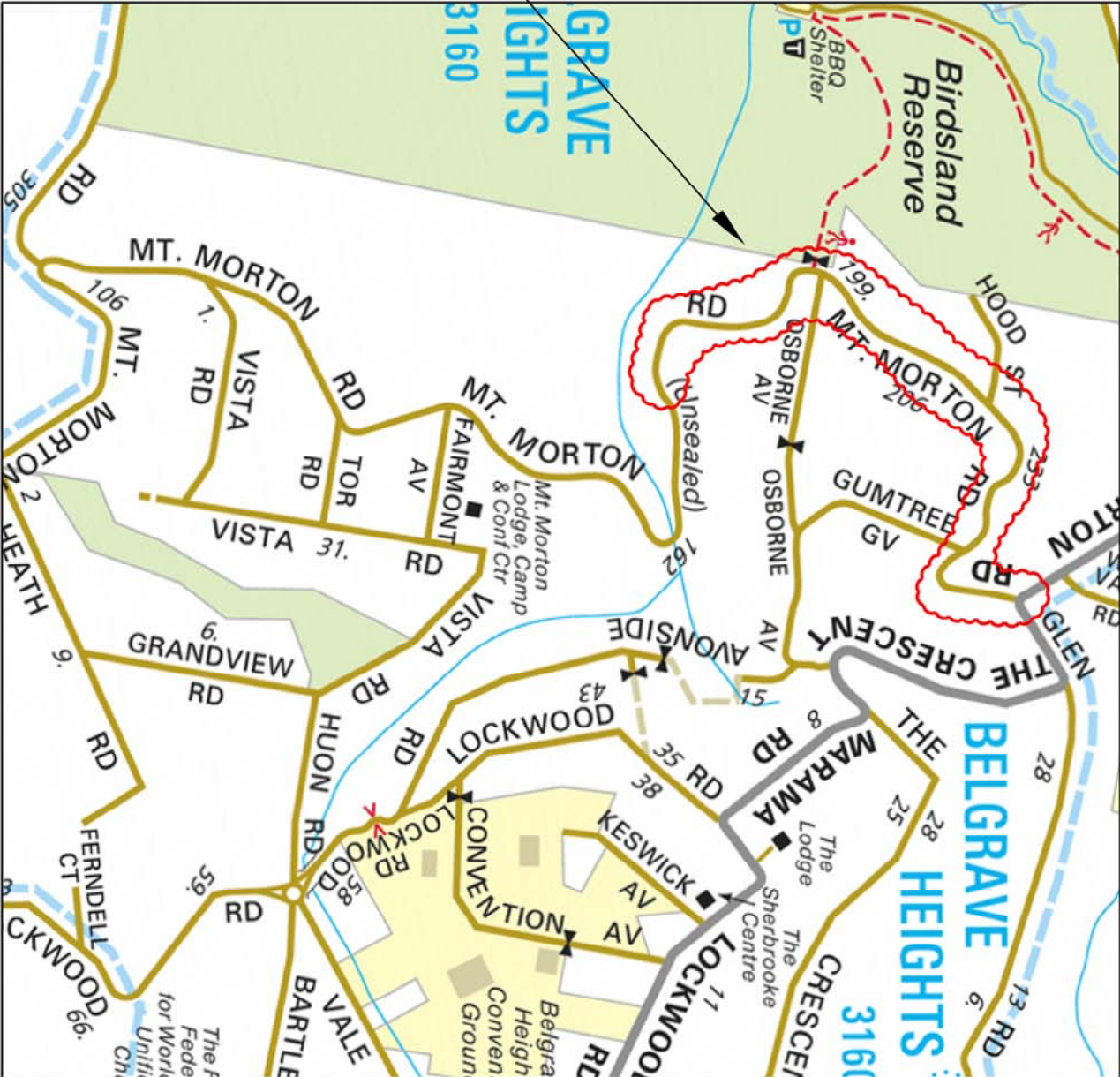


MOUNT MORTON ROAD, BELGRAVE HEIGHTS
No. 141 TO GLEN ROAD - STAGE 1
ROAD UPGRADE - SPECIAL CHARGE SCHEME



SITE OF WORKS



DRAWING LIST

- SHEET 1 FACE SHEET
- SHEET 2 STANDARD NOTES
- SHHET 3 PAVEMENT DETAILS
- SHEET 4-15 DETAIL PLANS
- SHEET 16-27 LONGITUDINAL SECTIONS
- SHEET 18-53 CROSS SECTIONS
- SHEET XX-XX SETOUT PLANS AND TABLES
- SHEET XX-XX DRAINAGE LONGITUDINAL SECTIONS
- SHEET XX-XX PIT SCHEDULE

LOCALITY PLAN

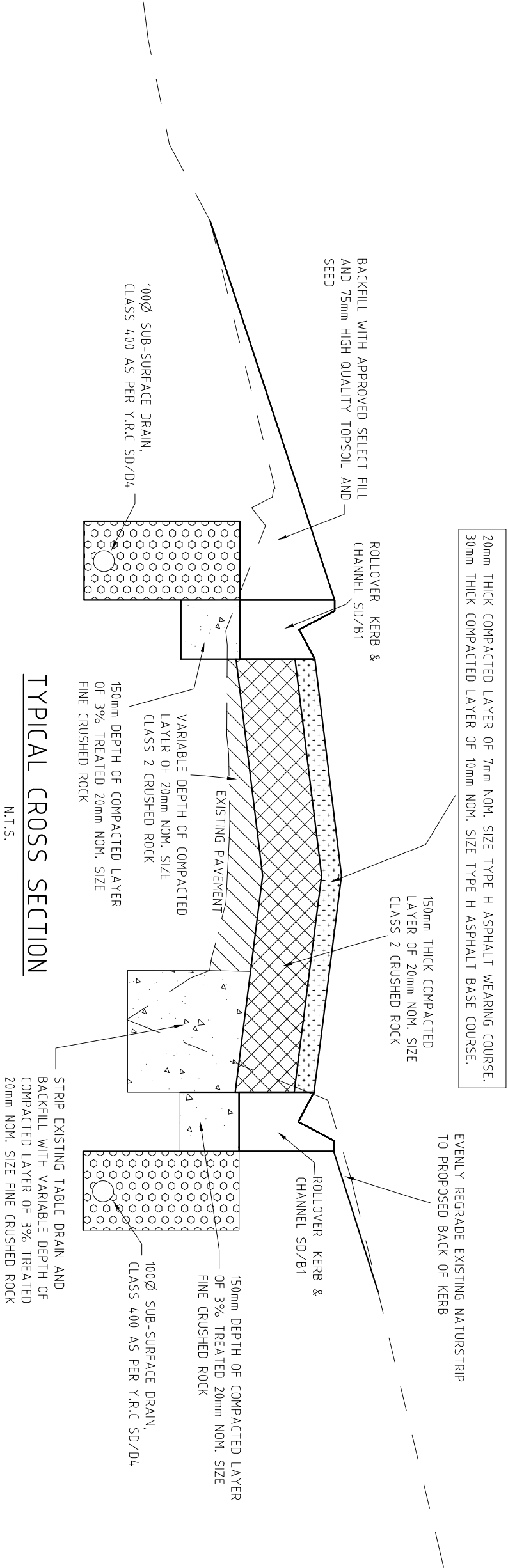
MELWAYS REF 84 C1,C2

CIVIL ROAD SOLUTIONS

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



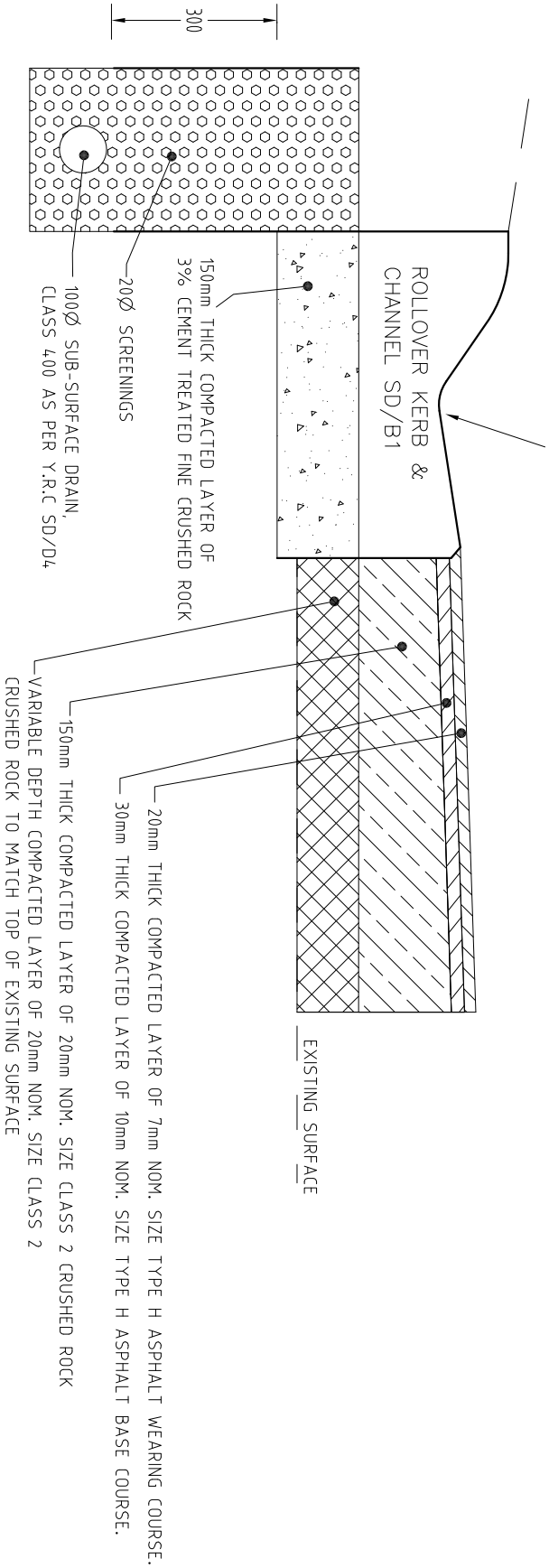
AMENDMENTS			LEGEND			SCALES			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole	Proposed K & Ch	Survey by:	WONLAND GROUP	PLAN	1:--	ADHD
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	Checked by:	ROBERT MARK	Co-ordinate Datum
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area					Yarra Ranges Council
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area					
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed					
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station					



TYPICAL CROSS SECTION

N.T.S.

CONCRETE ROLLOVER KERB & CHANNEL IN ACCORDANCE WITH VICROADS AND Y.R.C STD DRG SD/B1. ALL CONCRETE MUST BE 32MPa



PAVEMENT COMPOSITION DETAIL

N.T.S.

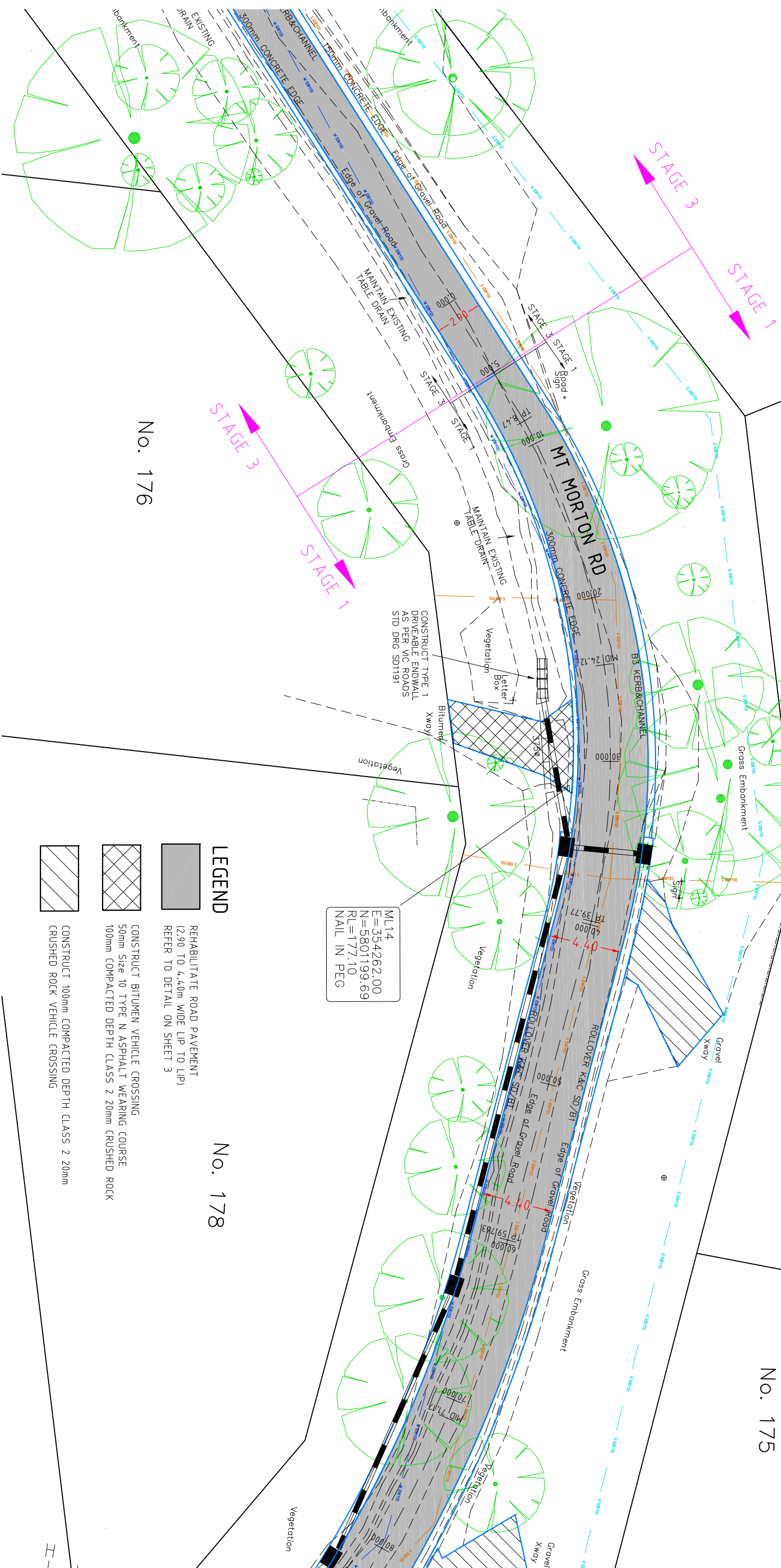
CIVIL ROAD SOLUTIONS
ABN 13 151 174 104
60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimrek@civilroadsolutions.com

AMENDMENTS			LEGEND			SCALES			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole	Proposed K & Ch	Survey by:	MOONLAND GROUP	Plan by:	CIVIL ROAD SOLUTIONS	Datum Adopted And location
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	Plan:	1:--	AHD
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT MREK	Cross Sections:	1:--	Yarra Ranges Council
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT MREK	Long Sections:	1:--	NO. 141 TO GLEN ROAD – STAGE 1
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed	Pit Date:	17/01/2022	Details:	A3	ROAD UPGRADE SPECIAL CHARGE SCHEME
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station	Date:	--			PAVEMENT DETAILS
									Checked by		
									Approved		
									Manager –		
									Infrastructure Services		
									Total No. of Sheets		
									53		
									Drawing No.		
									2020-033		
									Sheet No.		
									3		

No. 141

No. 175

No. 175



LEGEND

REHABILITATE ROAD PAVEMENT
(2.90 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. 178

CIVIL ROAD SOLUTIONS

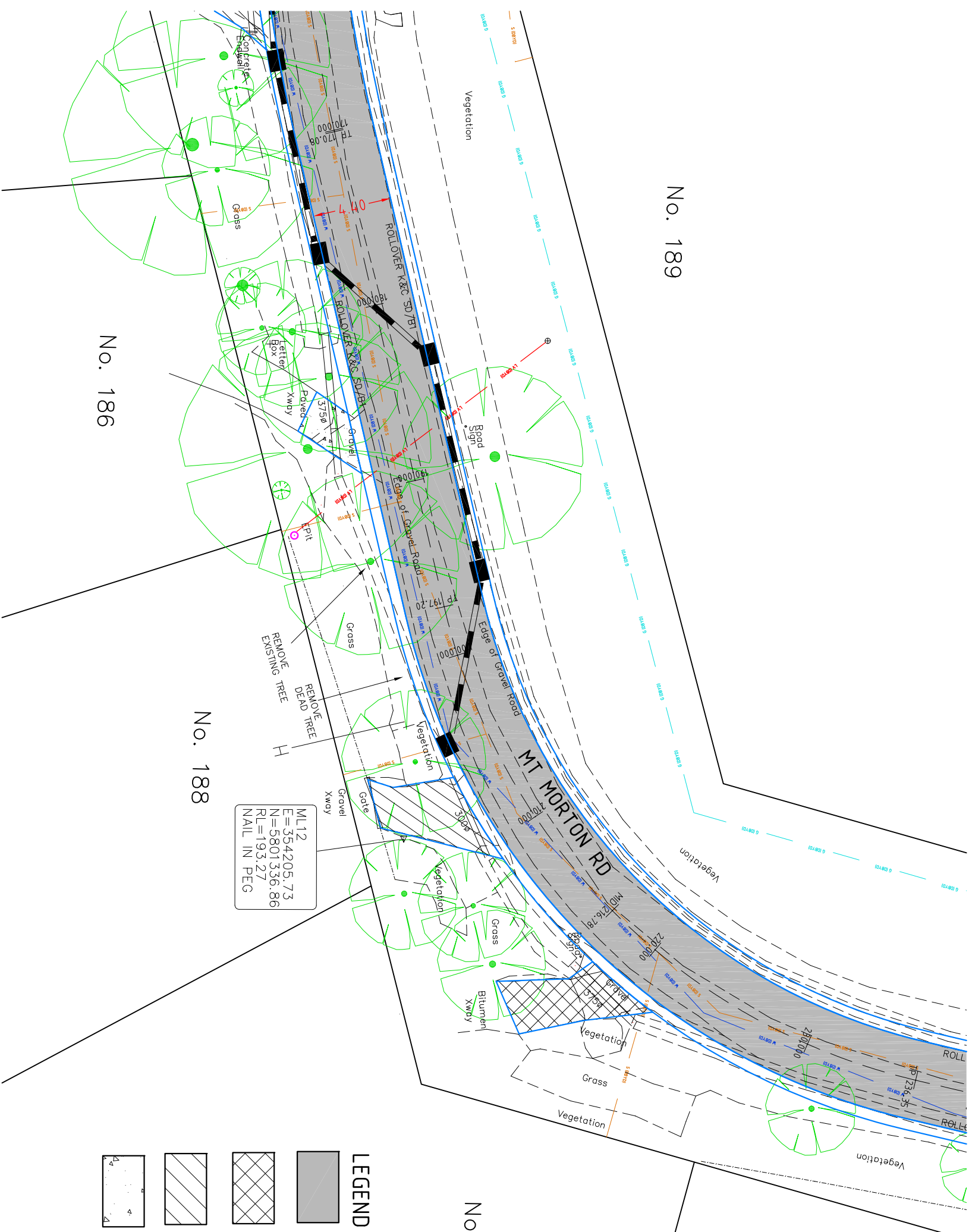
ABN 13 151 174 104

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

[illegible]



AMENDMENTS		LEGEND		SCALES		YARRA RANGES COUNCIL	
DATE	REVISION	AUTHORISED		Survey by:	MONDLAND GROUP	Plan:	Drawn/Adopted And Location
		Conduits	— C —	Proposed K & Ch	Plan by:	CIVIL ROAD SOLUTIONS	 Co-ordinate drawn detail AHD
		Existing Drains	— D —	Asphalt Area	Checked by:	ROBERT MREX	
		S.E.C. U/G Cable	— F —	Concrete Area	Project Engineer:	ROBERT MREX	
		Gas Main	— G —	Gravel Area	Cross Sections:	1:---	
		Fire Plug	— P —	tree to be removed	Long Sections:	1:---	
		Stop Valve	— S —	Proposed Drains	Details:	A3	
		S.E.C. Pole	— SV —	Plot Date:	17/01/2022		
		Property Outlet	— PO —	Survey Station	Reference	WARRN 12345	
		Existing K & Ch	— K & Ch —				
				MOUNT MORTON ROAD, BELGRAVE HEIGHTS			
				NO. 141 TO GLEN ROAD – STAGE 1			
				ROAD UPGRADE SPECIAL CHARGE SCHEME			
				DETAIL PLAN			
				Checked by	Tidal No. of Sheets		Sheet No.
				Approved	53		5
				Manager – Infrastructure Services	Drawing No.		2020-033



No. 190

LEGEND

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

W

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

A

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

55

CONSTRUCT CONCRETE VEHICLE CROSSING
AS PER YARRA RANGES STD DRG SD/C2

TD

CIVIL ROAD SOLUTIONS

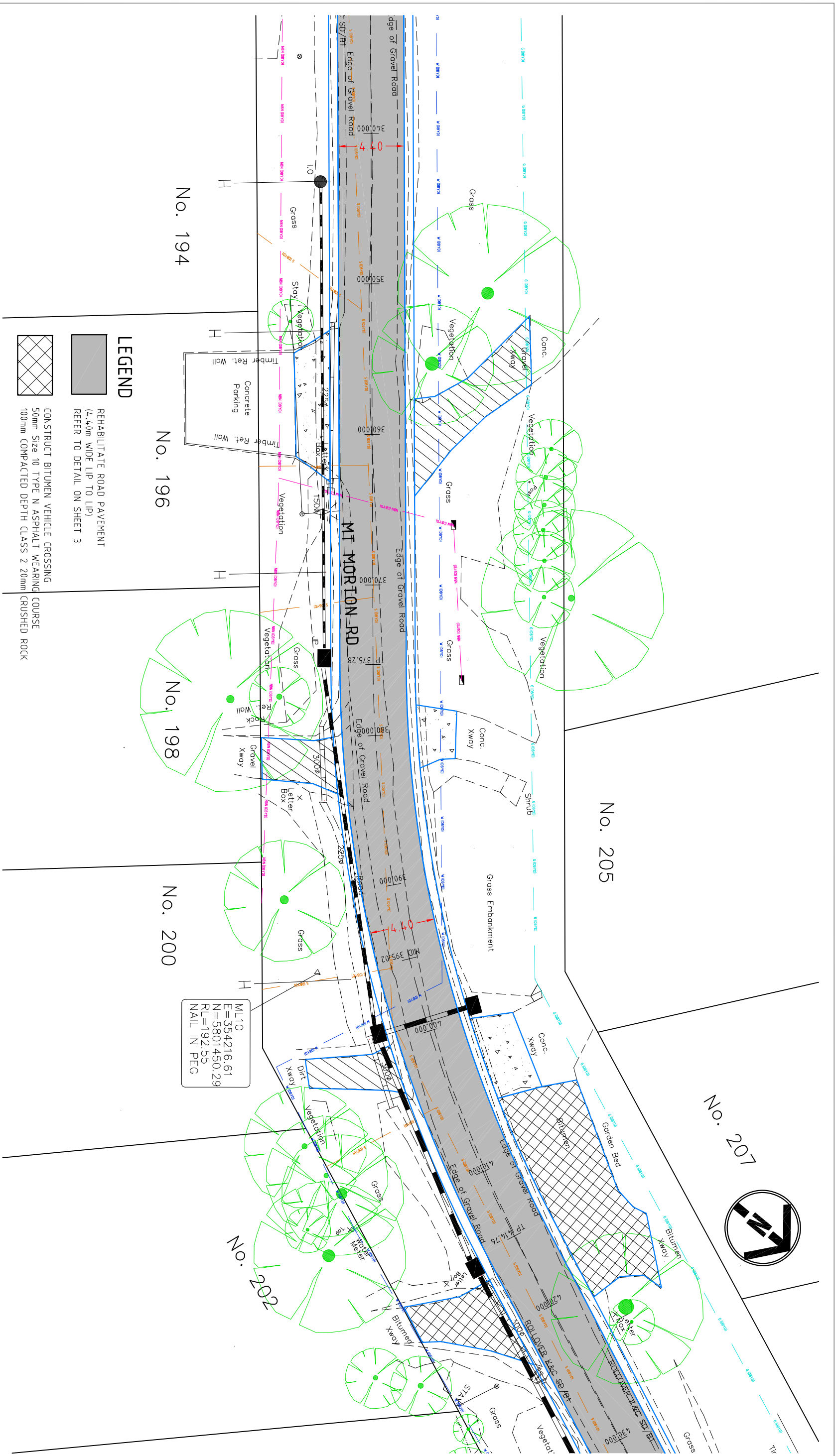
ABN 13 151 174 104

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

Email: rimrek@civillroadsolutions.com



YARRA RANGES COUNCIL									
AMENDMENTS			LEGEND						
DATE	REVISION	AUTHORISED				Survey by:	MOONLAND GROUP	SCALES	Datum Adopted And Location
			— C —	Telecom U/G Cable	— I —	Telecom Pole	ⓘ	Proposed K & Ch	Survey by: CIVIL ROAD SOLUTIONS
			— D —	Water Main	— W —	Telecom Pit	ⓘ	Asphalt Area	Plan by: ROBERT IMREX
			— F —	Fire Hydrant	— PH —	Existing Drain Pits	ⓘ	Concrete Area	Checked by: ROBERT IMREX
			— G —	S.E.C. U/G Cable	— PV —	Fire Plug	ⓘ	Proposed Drain Pits	Project Engineer: ROBERT IMREX
			— S —	Gas Main	— SV —	Stop Valve	ⓘ	Tree to be removed	Long Sections: 1:—
			— SW —	Sewer Main	ⓘ	Proposed Drains	ⓘ	Pit Date: 17/01/2022	Details: A3
			— S.E.C. Pole	ⓘ	Existing K & Ch	ⓘ	Survey Station	Date: —	Co-ordinate Datum AHM
									
MOUNT MORTON ROAD, BELGRAVE HEIGHTS									
NO. 141 TO GLEN ROAD — STAGE 1									
ROAD UPGRADE SPECIAL CHARGE SCHEME									
DETAIL PLAN									
Checked by					Total No. of Sheets		Sheet No.		
—					53		6		
Approved					Drawing No.		2020—033		
Manager —					Infrastructure Services				



0 2.5 5 7.5 10 12.5

SCALE OF METRES

SCALE 1: 250 A3 SHEET

LEGEND

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

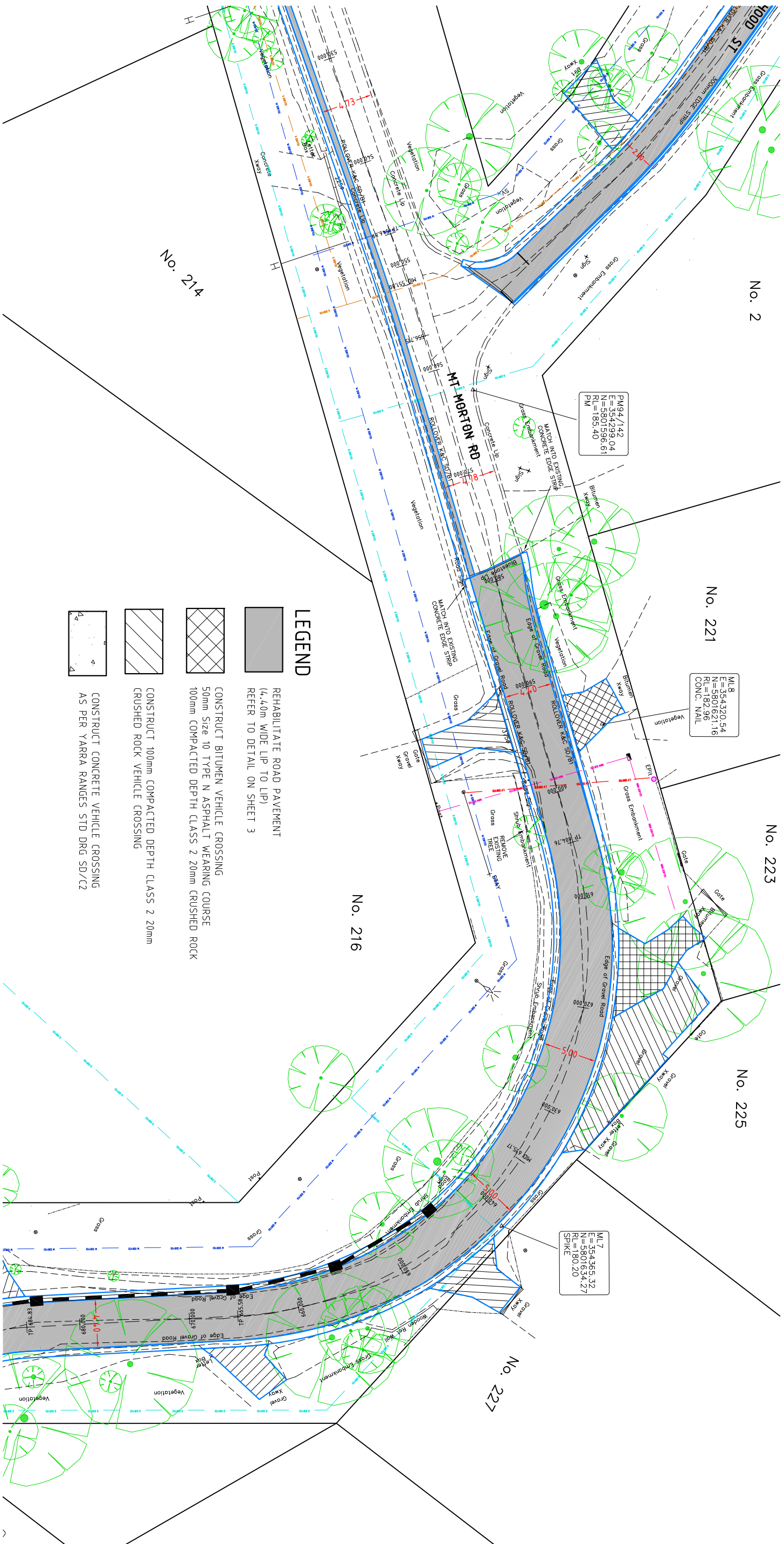
CONSTRUCT BITUMEN VEHICLE CROSSING
50mm Size 10 TYPE N ASPHALT WEARING COURSE
100mm COMPACTED DEPTH CLASS 2 20mm CRUSHED ROCK

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

CONSTRUCT CONCRETE VEHICLE CROSSING
AS PER YARRA RANGES STD DRG SD/CZ

AMENDMENTS			LEGEND			SCALES			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED	Conduits	Telephone U/G Cable	Proposed K & Ch	Survey by:	MOONLAND GROUP	Plan by:	CIVIL ROAD SOLUTIONS	Plat:	1:--
			Existing Drains	Water Main	Asphalt Area	Checked by:	ROBERT MAREK	Cross Sections:	1:--		
			S.E.C. U/G Cable	Fire Hydrant	Concrete Area	Project Engineer:	ROBERT MAREK	Long Sections:	1:--		
			Gas Main	Fire Plug	Gravel Area	Pit Date:	17/01/2022	Details:	A3		
			Sewer Main	Stop Valve	Tree to be removed						
			Property Outlet	S.E.C. Pole	Survey Station						

MOUNT MORTON ROAD, BELGRAVE HEIGHTS			Checked by			Total No. of Sheets		
NO. 141 TO GLEN ROAD – STAGE 1			Approved			53		
ROAD UPGRADE SPECIAL CHARGE SCHEME			Manager –			Drawing No.		
DETAIL PLAN			Infrastructure Services			2020-033		



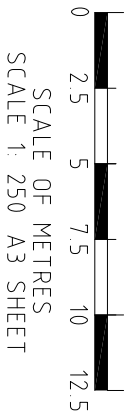
LEGEND

REHABILITATE ROAD PAVEMENT
(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

CONSTRUCT CONCRETE VEHICLE CROSSING
AS PER YARRA RANGES STD DRG SD/C2



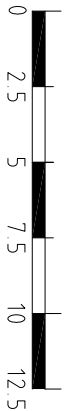
AMENDMENTS		LEGEND		SCALES	
DATE	REVISION	AUTHORISED		Survey by:	MOONLAND GROUP
		Conduits	— C —	Plan by:	CIVIL ROAD SOLUTIONS
		Existing Drains	— D —	Checked by:	ROBERT IMREK
		S.E.C. U/G Cable	— E —	Project Engineer:	ROBERT IMREK
		Gas Main	— G —	Long Sections:	1:—
		Sewer Main	— S —	Details:	A3
		Stop Valve	— SV —	Date:	—
		S.E.C. Pole	— SP —		
				Datum Adopted And Location	
		Proposed K & Ch	— K —	AHD	
		Telecom Pit	— P —	Co-ordinate Datum	
		Existing Drain Pits	— P —	AMG	
		Proposed Drain Pits	— P —	Yarra Ranges Council	
		Gravel Area	— G —		
		Tree to be removed	— T —		
		Survey Station	— S —		
		Existing K & Ch	— K —		
		Computer Reference	— C —		
				MOUNT MORTON ROAD, BELGRAVE HEIGHTS NO. 141 TO GLEN ROAD – STAGE 1 ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	
				Checked by	Total No. of Sheets
				Approved	53
				Manager –	10
				Infrastructure Services	Drawing No.
					2020-033

CIVIL ROAD SOLUTIONS

ABN 13 151 174 104

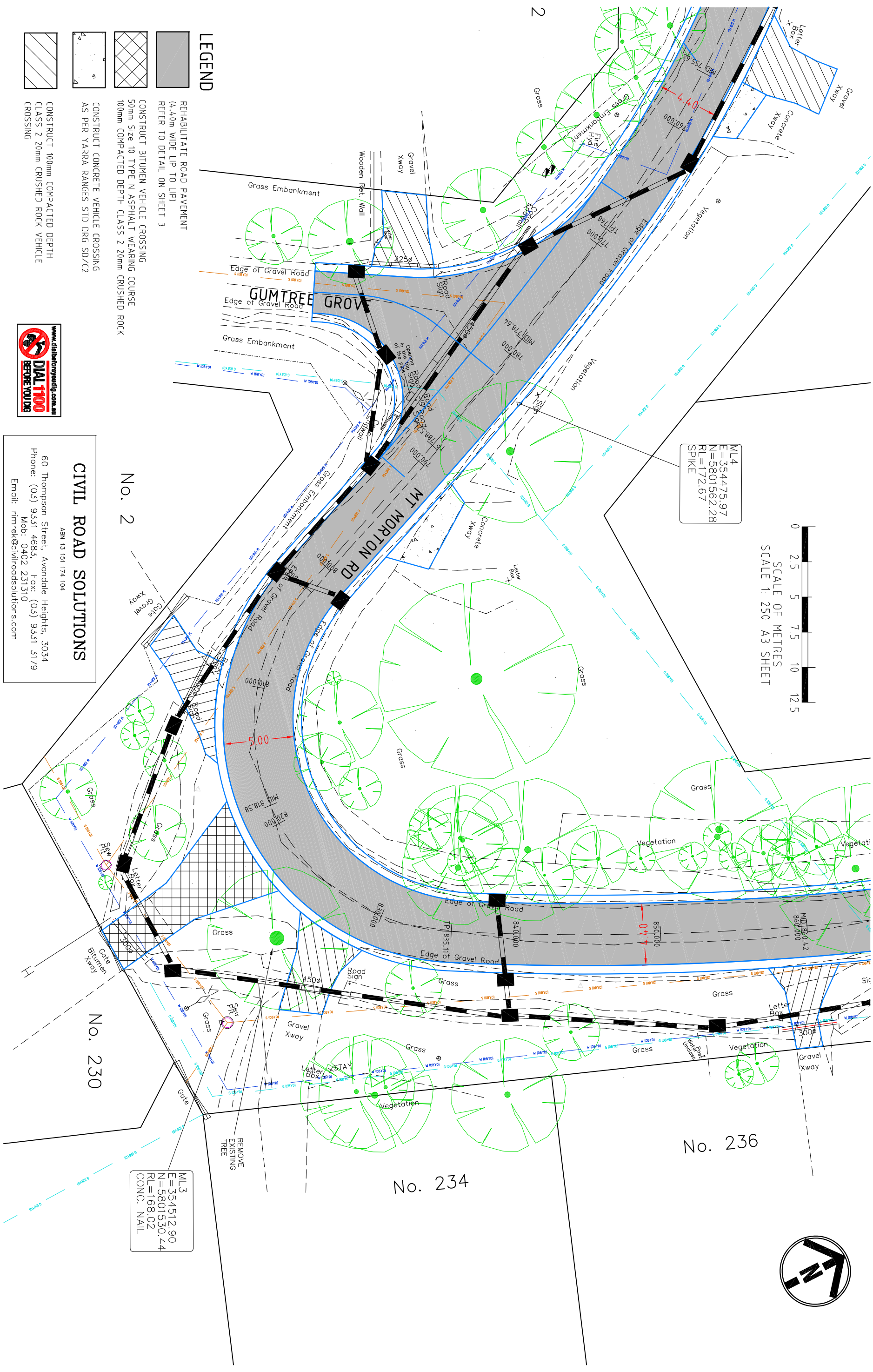
60 Thompson Street, Avondale Heights, 3034
Phone: (03) 9331 4683, Fax: (03) 9331 3179
Mob: 0402 231310
Email: rimrek@civilroadsolutions.com

www.dialbeforeyoudig.com.au
DIAL 1100 BEFORE YOU DIG



SCALE OF METRES
SCALE 1: 250 A3 SHEET

ML4
E=354475.97
N=5801562.28
RL=172.67
SPIKE



LEGEND

- REHABILITATE ROAD PAVEMENT
(4.0m 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 CONCRETE VEHICLE CROSSING
AS PER YARRA RANGES STD DRG SD/C2
- CONSTRUCT 100mm COMPACTED DEPTH
CLASS 2 20mm CRUSHED ROCK VEHICLE
CROSSING



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: rlmrek@civillroadsolutions.com

AMENDMENTS

DATE	REVISION	AUTHORISED

LEGEND

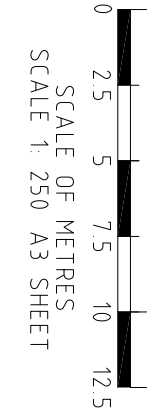
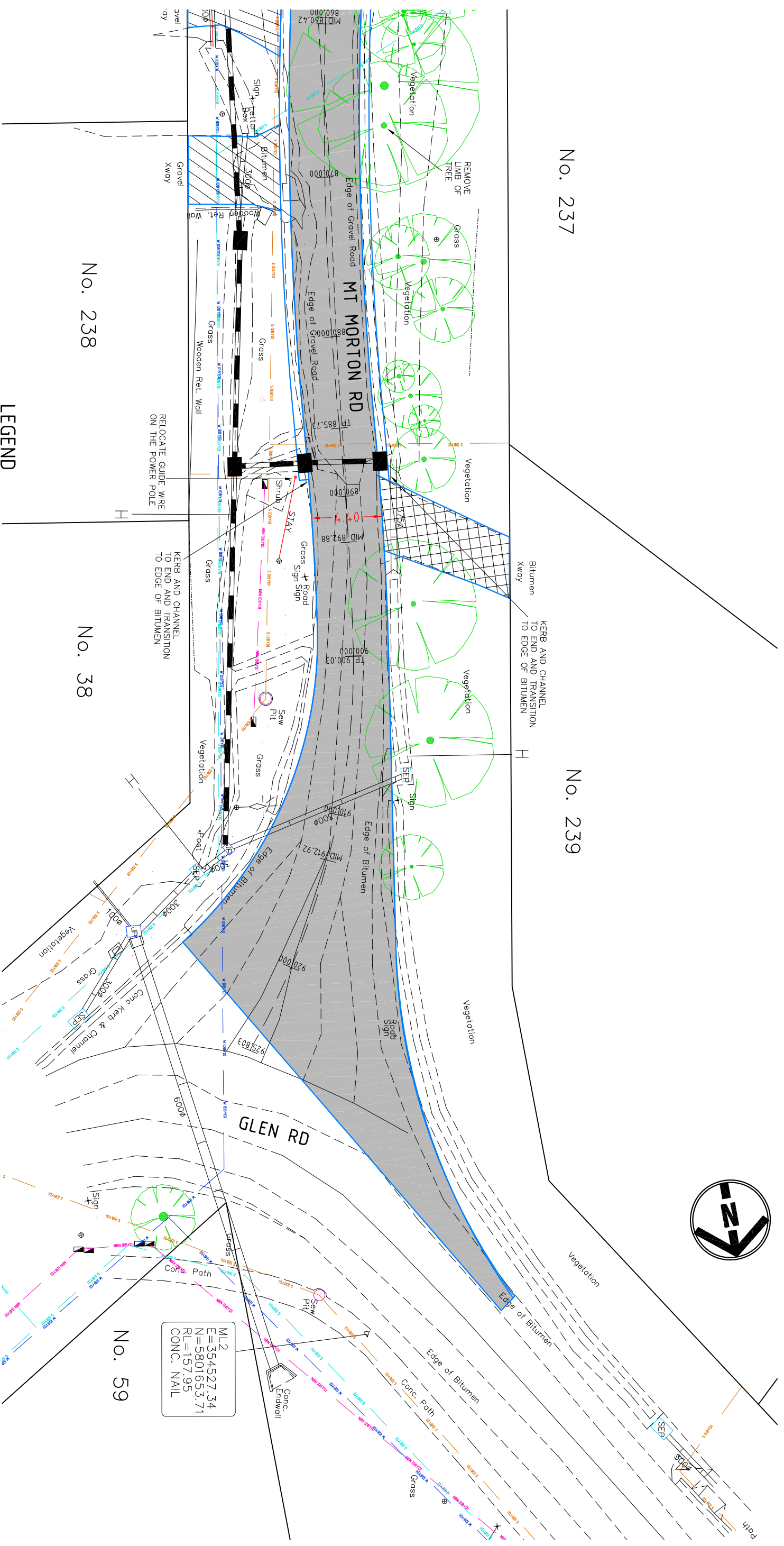
—C—	Telecom U/G Cable	—1—	Telecom Pole	ⓘ	Proposed K & Ch
—D—	Water Main	—W—	Telecom Pit	ⓘ	Asphalt Area
—F—	Fire Hydrant	ⓘ	Existing Drain Pits	ⓘ	Concrete Area
—G—	Gas Main	ⓘ	Proposed Drain Pits	ⓘ	Gravel Area
—S—	Sewer Main	ⓘ	Tree to be removed	ⓘ	Tree to be removed
—SV—	S.E.C. Pole	ⓘ	Existing K & Ch	ⓘ	Survey Station

SCALES

Datum Adopted And Location	AHD	Co-ordinate Datum AMG
		Yarra Ranges Council

YARRA RANGES COUNCIL

MOUNT MORTON ROAD, BELGRAVE HEIGHTS NO. 141 TO GLEN ROAD – STAGE 1 ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	Checked by: —	Total No. of Sheets: 53	Sheet No.: 12
Manager: —	Infrastructure Services	Drawing No.: 2020-033	



- LEGEND**
- REHABILITATE ROAD PAVEMENT (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			LEGEND			SCALES			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole	Survey by:	MOONLAND GROUP	Plan by:	CIVIL ROAD SOLUTIONS	Plat:	1:---
			Existing Drains	Water Main	Telecom Pit	Checked by:	ROBERT MAREK	Cross Sections:	1:---		
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Project Engineer:	ROBERT MAREK	Long Sections:	1:---		
			Gas Main	Fire Plug	Proposed Drain Pits	Details:	A3				
			Sewer Main	Stop Valve	Tree to be removed	Date:	--				
			Property Outlet	S.E.C. Pole	Existing K & Ch						
						Datum Adopted And Location			AHD		
						Co-ordinate Datum			Yarra Ranges Council		
						Checked by			MOUNT MORTON ROAD, BELGRAVE HEIGHTS		
						Approved			NO. 141 TO GLEN ROAD – STAGE 1		
						Manager –			ROAD UPGRADE SPECIAL CHARGE SCHEME		
						Infrastructure Services			DETAIL PLAN		
						Total No. of Sheets			53		
						Drawing No.			2020-033		
						Sheet No.			13		

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: rirmek@civillroadsolutions.com

www.dialbeforeyoudig.com.au

DIAL 1100

BEFORE YOU DIG