

HEATH ROAD, BELGRAVE HEIGHTS
INCLUDING GRANDVIEW ROAD AND HUON ROAD
ROAD UPGRADE - SPECIAL CHARGE SCHEME



CIVIL ROAD SOLUTIONS

ABN 13 151 174 104

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Email: rjmrek@civillroadsolutions.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:	Cross Sections:	Detail:
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	1:--	1:--	1:--
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT MAREK	1:--	1:--	1:--
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT MAREK	1:--	1:--	1:--
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed	Plot Date:	24/6/2020	1:--	1:--	1:--
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station	Computer Reference:	1:--	1:--	1:--	1:--
									YARRA RANGES COUNCIL		
									HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME FACE SHEET		
									Checked by: —		
									Total No. of Sheets: 84		
									Drawing No. 2018-013		

STANDARD NOTES

GENERAL

- G1. The Contractor is to verify the location and depth of all utility services prior to carrying out works by telephoning 1100 "Dial before you dig".
- G2. Discrepancies between plans and existing conditions are to be reported immediately to the Council's Supervising Engineer.
- G3. All surplus excavated material remains the property of the contractor unless specified otherwise or advised by the Council's Supervising Engineer.
- G4. "Remove" shall mean remove off site and dispose of at an approved disposal site at the contractor's expense, unless specified otherwise.
- G5. On completion of construction all work areas are to be cleaned up & reinstated to the satisfaction of the Council's Supervising Engineer.

PAVEMENT

- P1. Road crossfall varies falling towards table drain or kerb and channel unless specified otherwise.
- P2. 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 respread on the better areas.
- P3. New concrete paving to be 32 MPa strength.

ROADSIDE

- R1. 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:

- (a) gravel driveways with 50mm compacted depth of 3% cement treated crushed rock unless specified otherwise.

- (b) asphalt driveways with 50mm compacted depth 10mm nominal size asphalt on a base of 100mm compacted depth Class 2 fine crushed rock.

- (c) concrete driveways with 150mm depth concrete paving on a base of 50mm compacted depth Class 2 fine crushed rock.

- (d) 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.

- R2. Table drain to be stripped, cleaned and compacted and then backfilled with compacted variable depth of 3% cement treated crushed rock.

- R3. Cut and fill batters are to be graded at a maximum of 1 in 3 unless specified otherwise or approved by the Council's Supervising Engineer.

DRAINAGE

- D1. All drainage pipes to be Class 2 rubber ring jointed spigot and socket unless specified otherwise.

- D2. All drainage pipes to be backfilled as per Yarra Ranges Standard Drawing SD/D2 unless specified otherwise.

- D3. All property stormwater 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.

- D4. Drainage pits greater than 1.0m in depth to be provided with step irons at 300mm centres vertically.

- D5. Any drain placed behind kerb and channel as shown on plan, if within 3.0 metres of any tree excavation to be hand dug or bored to minimise root damage of tree.

VEGETATION

- V1. 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.

- V2. Only trees shown to be removed on this plan 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 vegetation.

ANCILLARY

- A1. All existing signs and posts remain the property of the Council.

YARRA RANGES COUNCIL

AMENDMENTS				LEGEND				SCALES				Datum Adopted And Location		Checked by		Total No. of Sheets	Sheet No.
DATE	REVISION	AUTHORISED											AHD	Approved	—	84	2
		Conduits	— C —	Telecom U/G Cable	— 1 —	Telecom Pole	Ⓢ	Proposed K & Ch	▬▬▬	Survey by:	MOONLAND GROUP	Plan by:	CIVIL ROAD SOLUTIONS	Plan:	1:—		
		Existing Drains	— 0 —	Water Main	— 4 —	Telecom Pit	Ⓢ	Asphalt Area	▨▨▨	Checked by:	ROBERT MIREK	Cross Sections:	1:—				
		S.E.C. U/G Cable	— 1 —	Fire Hydrant	Ⓢ	Existing Drain Pits	□	Concrete Area	▨▨▨	Project Engineer:	ROBERT MIREK	Long Sections:	1:—				
		Gas Main	— 6 —	Fire Plug	Ⓢ	Proposed Drain Pits	▨▨▨	Gravel Area	▨▨▨	Pit Date:	24/6/2020	Details:	A3				
		Sewer Main	— 5 —	Stop Valve	Ⓢ	Proposed Drains	▨▨▨	Tree to be removed	Ⓢ								
		Property Outlet	— 34 —	S.E.C. Pole	Ⓢ	Existing K & Ch	▨▨▨	Survey Station	▨▨▨	Computer Reference:	440M ROAD 12599	Date:	—				

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HEATH ROAD, BELGRAVE HEIGHTS

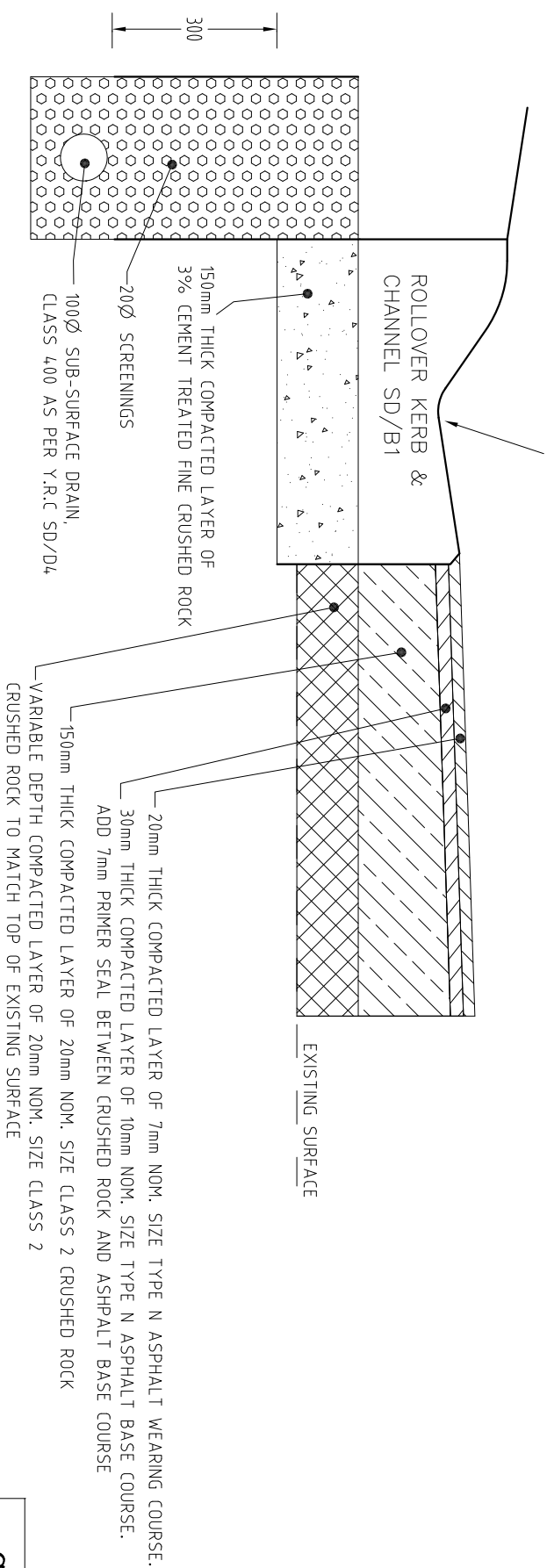
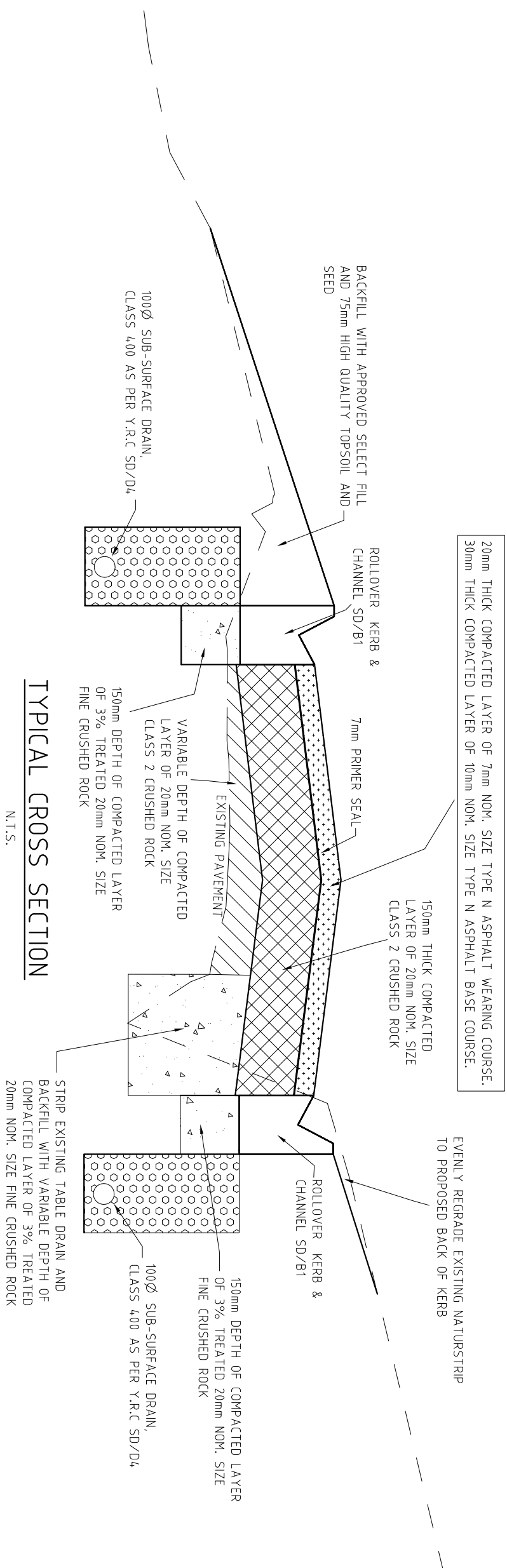
INCLUDING GRANDVIEW RD & HUON RD

ROAD UPGRADE SPECIAL CHARGE SCHEME

STANDARD NOTES


Manager – Infrastructure Services

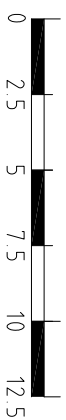
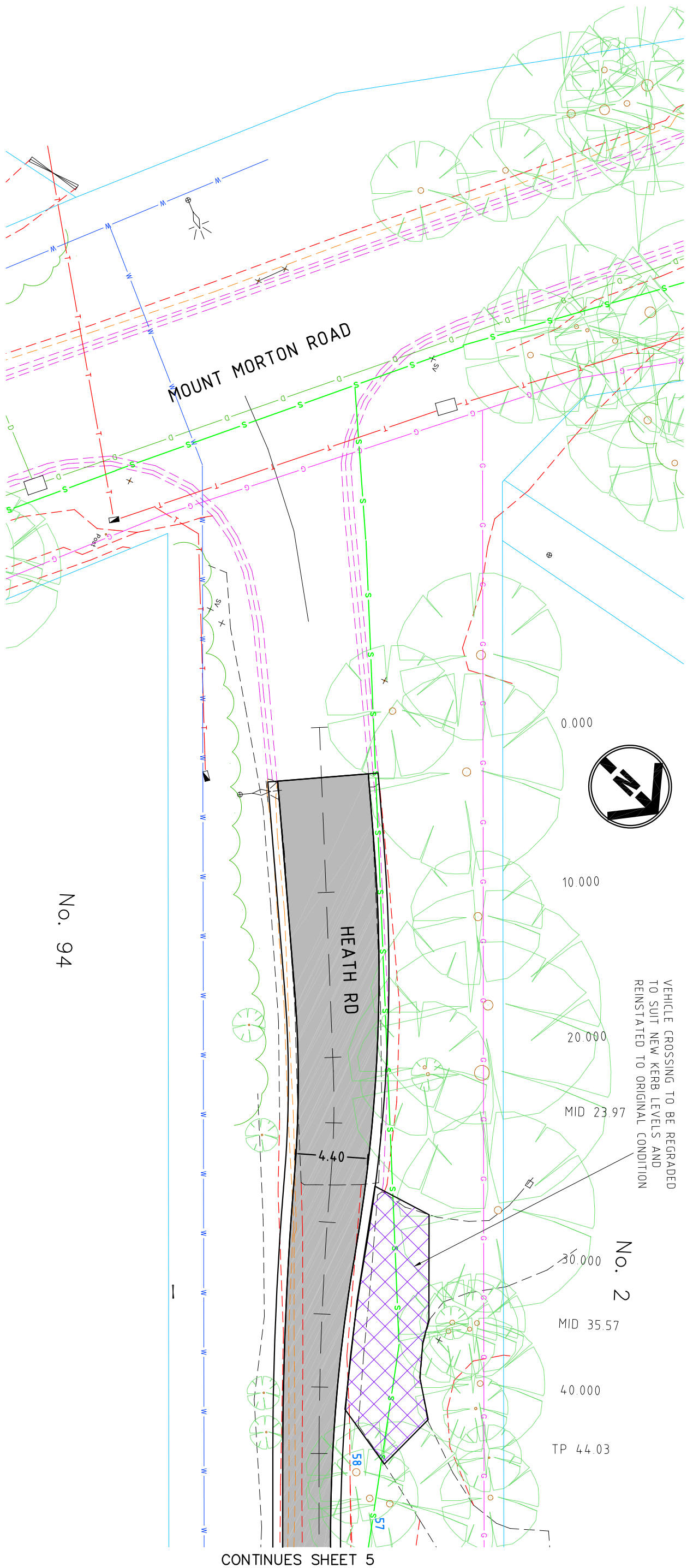
2018—013



PAVEMENT COMPOSITION DETAIL


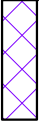


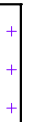

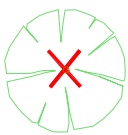
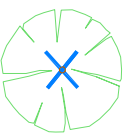
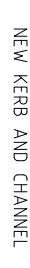



N.T.S.


AMENDMENTS			LEGEND			YARRA RANGES COUNCIL										
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole	Proposed K & Ch	Survey by:	MOONLAND GROUP	SCALES	Datum Adopted And location	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME PAVEMENT DETAILS			Checked by	Total No. of Sheets	Sheet No.
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	Plan: 1:--	Burnt adopted And location		Approved	—	Manager – Infrastructure Services	84	3
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT MIREK	Cross Sections: 1:--	AHD						
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT MIREK	Long Sections: 1:--	Co-ordinate Datum						
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed	Drawn:	A3	Details:	AMG						
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station	Date:	24/6/2020	Date:	—						

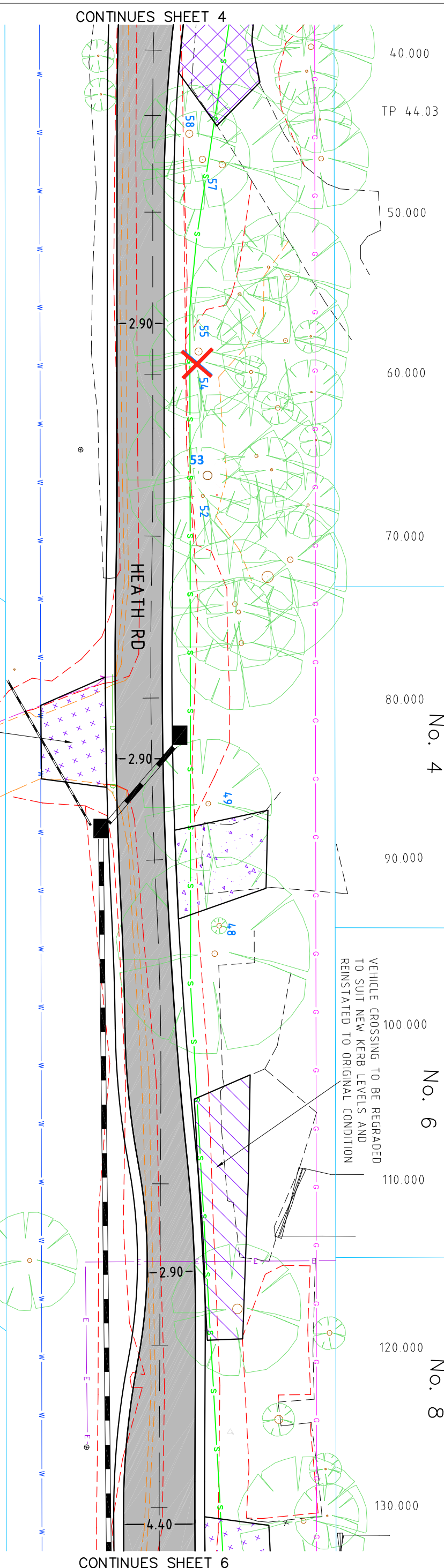


No. 94

LEGEND

	ASPHALT ROAD PAVEMENT
	REINSTATE BITUMEN VEHICLE CROSSING
	REINSTATE CONCRETE VEHICLE CROSSING
	REINSTATE PAVED VEHICLE
	REINSTATE CRUSHED ROCK VEHICLE CROSSING
	NEW PIT AND PIPE
	REMOVE TREE
	TREE AT RISK
	NEW KERB AND CHANNEL
	EDGE OF EX. GRAVEL/TOP OF EMBANKMENT
	TOE OF EX. TABLE DRAIN
	EXISTING KERB & CHANNEL

AMENDMENTS			LEGEND			SCALES			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED									
		Conduits	— C —	Telecom U/G Cable	Telecom Pole	Proposed K & Ch	Survey by:	MONMAY GROUP			
		Existing Drains	— 0 —	Water Main	Water Pit	Asphalt Area	Plan by:	CBIL ROAD SOLUTIONS			
		S.E.C. U/G Cable	— F —	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT MEEK			
		Gas Main	— G —	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT MEEK			
		Sewer Main	— S —	Stop Valve	Tree to be removed	Tree to be removed	Long Sections:	1:—			
		Property Outlet	— SW —	S.E.C. Pole	Proposed Drains	Survey Station	Details:	A3			
				Existing K & Ch	Computer Reference	Computer Reference	Date:	—			
											
									HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN		
									Checked by —		
									Approved —		
									Manager – Infrastructure Services		
									Total No. of Sheets 84		
									Drawing No. 2018—013		



CONTINUES SHEET 4

CONTINUES SHEET 6

VEHICLE CROSSING TO BE REGRADED
TO SUIT NEW KERB LEVELS AND
REINSTATED TO ORIGINAL CONDITION

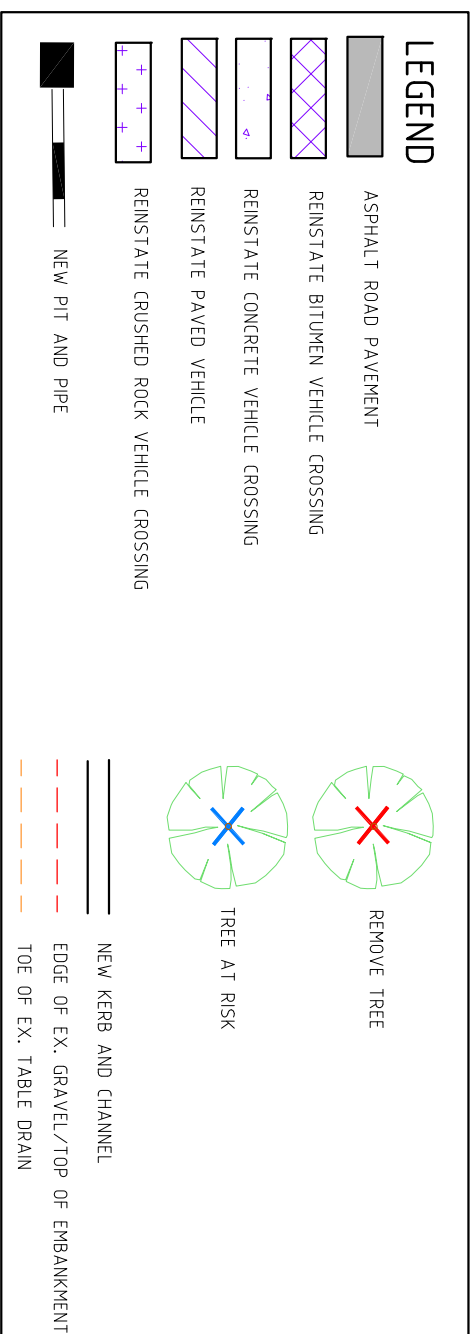
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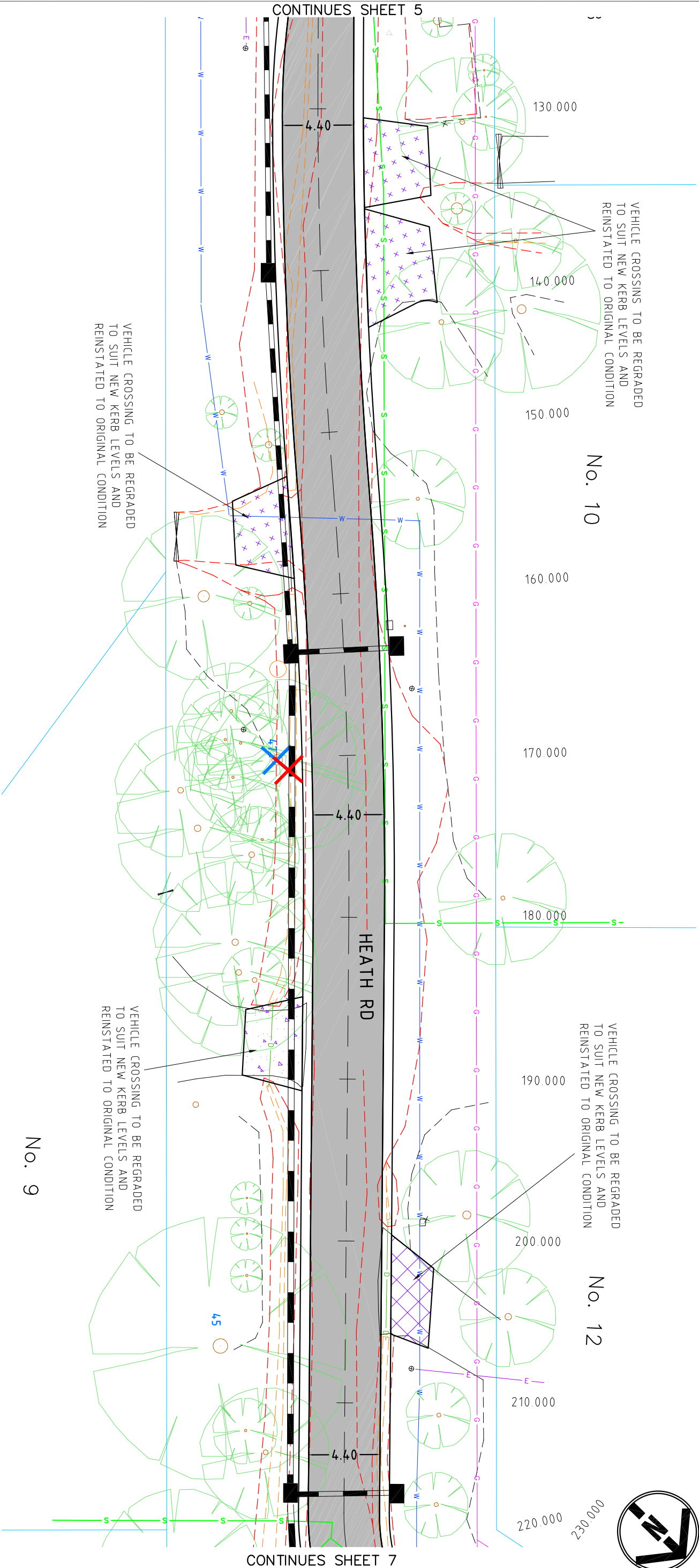
CIVIL ROAD SOLUTIONS

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AMENDMENTS				LEGEND				YARRA RANGES COUNCIL									
DATE	REVISION	AUTHORISED	CONDITIONS					SURVEY BY:	MOONLAND GROUP	SCALES	DATUM ADOPTED AND LOCATION	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN			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	AHD	Co-ordinate Datum AMG	Approved	Manager – Infrastructure Services	2018—013	84	5	
		—G— Water Main	—W— Telecom Pit	—A Asphalt Area	Checked by:	ROBERT IMREX	Cross Sections: 1:--										
		—F Fire Hydrant	—FH Existing Drain Pits	□ Concrete Area	Project Engineer:	ROBERT IMREX	Long Sections: 1:--										
		S.E.C. U/S Cable	—FP Proposed Drain Pits	▢ Gravel Area	Pit Detail:	24/6/2020	Delicis: A3										
		Gas Main	—SV Stop Valve	Tree to be removed	Computer Reference:	KRM/RM 12539	Date: -										
		Sewer Main	⊕ Existing K & Ch	Survey Station													
		Stop Valve															
		S.E.C. Pole															
		Property Outlet															



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REINSTATE CRUSHED ROCK VEHICLE CROSSING

▨

REINSTATE PAVED VEHICLE

▨

REINSTATE CONCRETE VEHICLE CROSSING

▨

REINSTATE BITUMEN VEHICLE CROSSING

▨

ASPHALT ROAD PAVEMENT

⊗

REMOVE TREE

⊗

TREE AT RISK

—

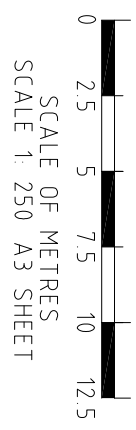
NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

▬

NEW PIT AND PIPE



AMENDMENTS			LEGEND		
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole
			Existing Drains	Water Main	Telecom Pit
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits
			Gas Main	Fire Plug	Proposed Drain Pits
			Sewer Main	Stop Valve	Proposed Drains
			Property Outlet	S.E.C. Pole	Existing K & Ch
					Survey Station
			LEGEND		
			Proposed K & Ch	Asphalt Area	Concrete Area
			Gravel Area	Tree to be removed	Survey Station
			Computer Reference	ADMM ROAD 12599	
			SCALES		
			Survey by:	MOONLAND GROUP	
			Plan by:	CIVIL ROAD SOLUTIONS	
			Checked by:	ROBERT IMREK	
			Project Engineer:	ROBERT IMREK	
			Plot Date:	24/6/2020	
			Details:	A3	
			Date:	-	
			Datum Adopted And Location		
				AHD	
				Co-ordinate Datum	
				AMG	
			YARRA RANGES COUNCIL		
			HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN		
			Checked by	—	Total No. of Sheets 84
			Approved	—	Sheet No. 6
			Manager	—	Drawing No. 2018-013
			Infrastructure Services		



CIVIL ROAD SOLUTIONS

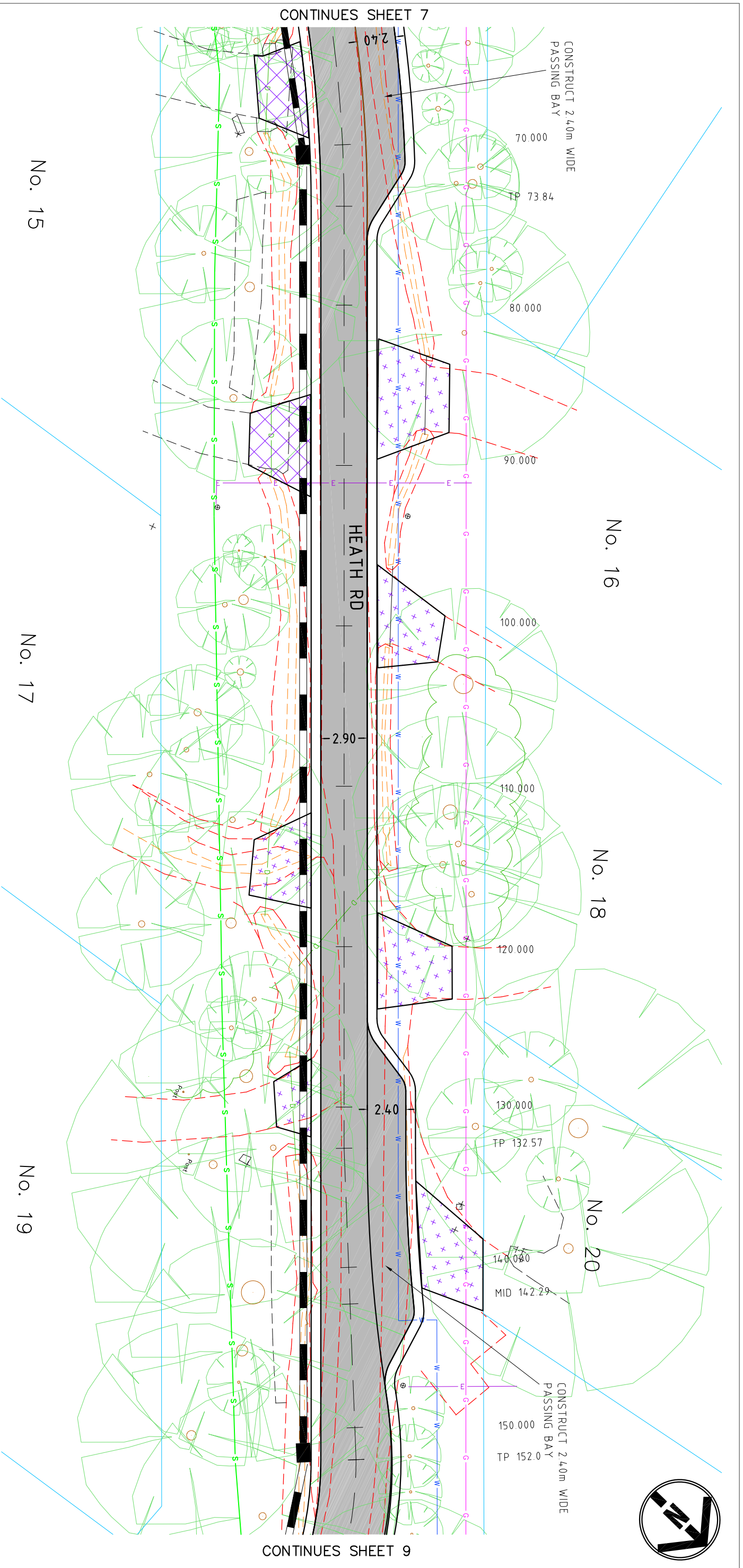
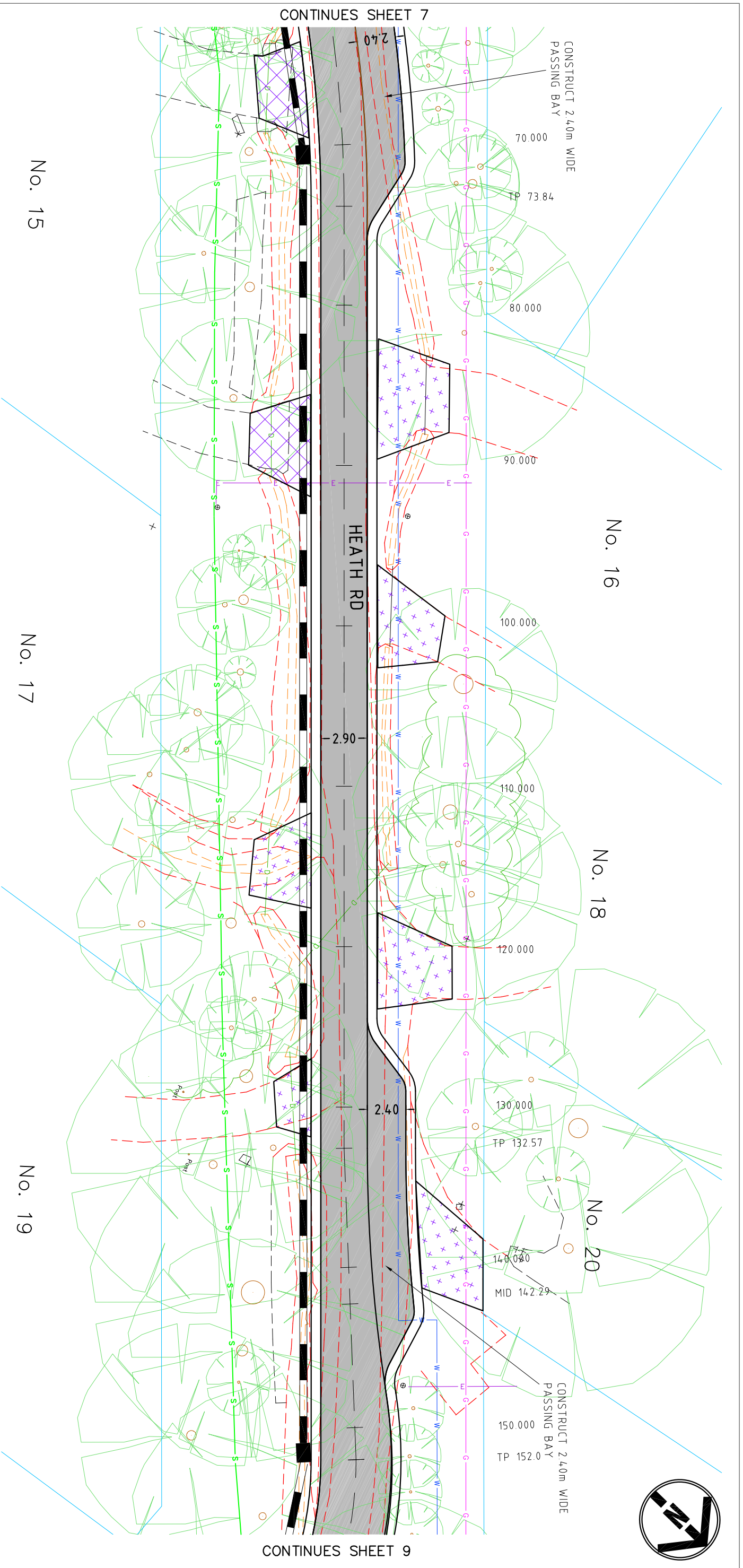
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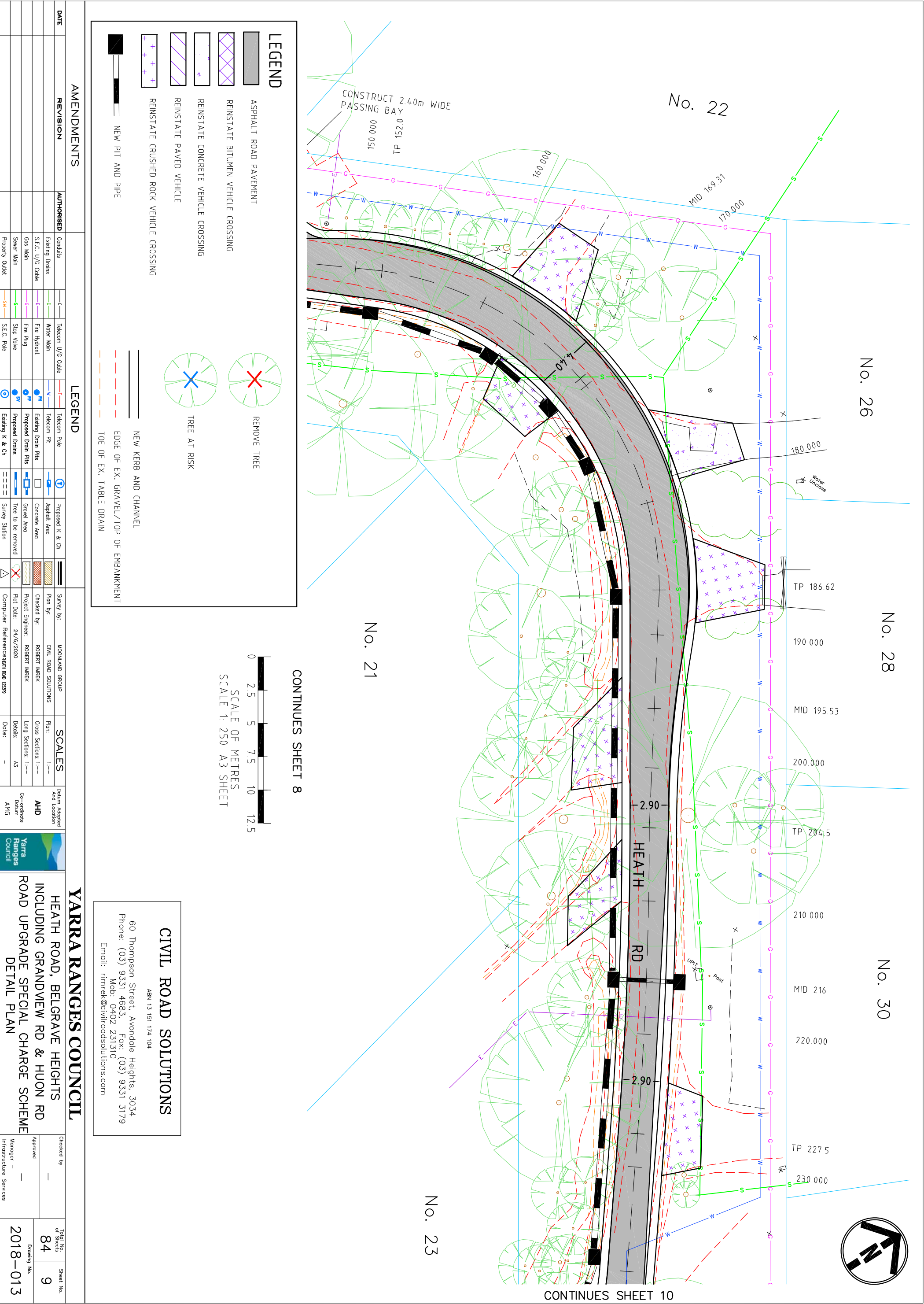
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AMENDMENTS			LEGEND			YARRA RANGES COUNCIL		
DATE	REVISION	AUTHORISED						
		Conduits	— C —	Telecom Pole	①	Survey by:	MOONLAND GROUP	SCALES
		Existing Drains	— 0 —	Telecom Pit	— ① —	Plan by:	CIVIL ROAD SOLUTIONS	Plan: 1:—
		S.E.C. U/G Cable	— 1 —	Existing Drain Pits	□	Checked by:	ROBERT MIREX	Cross Sections: 1:—
		Gas Main	— 2 —	Proposed Drain Pits	■	Project Engineer:	ROBERT MIREX	Long Sections: 1:—
		Sewer Main	— 3 —	Tree to be removed	✗	Plot Date:	24/6/2020	Dates: A3
		Property Outlet	— 4 —	Survey Station	△	Computer Reference:	HPM 100 12399	—
		S.E.C. Pole	— 5 —	Existing K & Ch	≡	Datum Adopted And Location		
								
			<p>HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN</p>			<p>Checked by —</p>		
			<p>Approved</p>			<p>Total No. of Sheets 84</p>		
			<p>Drawing No.</p>			<p>Sheet No. 8</p>		
			<p>Manager – Infrastructure Services</p>			<p>2018—013</p>		



LEGEND

ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

NEW PIT AND PIPE

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

CONTINUES SHEET 9

No. 30

No. 23

No. 25

No. 27

No. 4

No. 9

RD

HEATH RD

URPT

Post

210.000

MID 216

220.000

TP 227.5

230.000

237.870

240.000

250.000

255.000

260.000

2.90

4.3

6.4

W

G

S

E

LEGEND

ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

NEW PIT AND PIPE

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

0 2.5 5 7.5 10 12.5

SCALE OF METRES

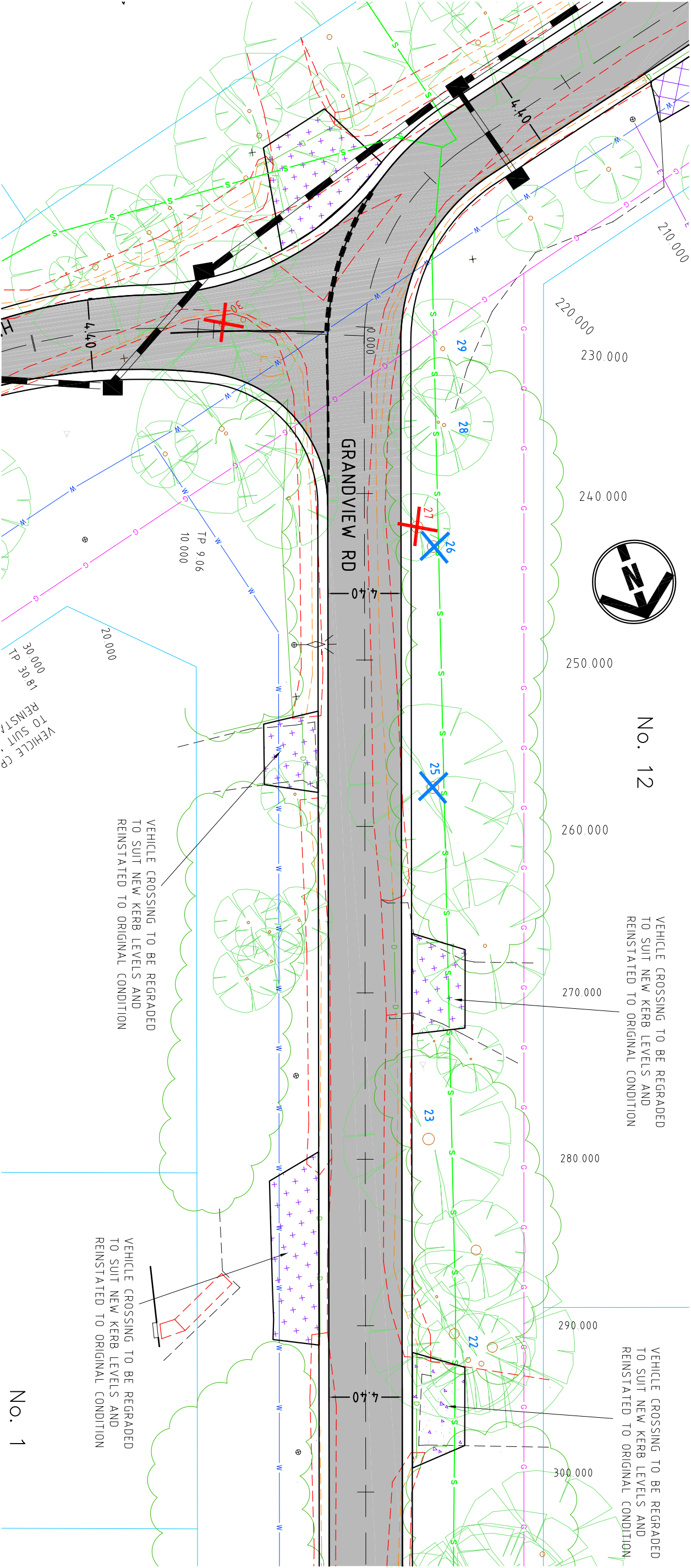
SCALE 1: 250 A3 SHEET

CIVIL ROAD SOLUTIONS

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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	Plant:	1:--	Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	Checked by	—	Total No. of Sheets	84	Sheet No.	10
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	Checked by:	ROBERT IMREK	Cross Sections:	1:--	Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	Approved	—	84	10		
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Project Engineer:	ROBERT IMREK	Long Sections:	1:--	Details:	A3	Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	Manager	—	2018	013		
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Pit Date:	24/6/2020					Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN						
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed	Computer Reference:	ADAM ROAD 12599	Date:				Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN						
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station							Datum Adopted And Location	AHD	Co-ordinate Datum	AMG	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN						



ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

AMENDMENTS

LEGEND

AMENDMENTS				LEGEND			
DATE	REVISION	AUTHORISED		Conduits	Telecom U/G Cable	Telecom Pole	Proposed K & Ch
				Existing Drains	Water Main	Telecom Pit	Asphalt Area
				S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area
				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
				SCALES			
				Survey by:	MOONLAND GROUP	Plan by:	Datum Adopted And Location
				CIVIL ROAD SOLUTIONS		Cross Sections: 1:--	AHD
				Checked by:	ROBERT IMREK	Long Sections: 1:--	Co-ordinate Datum
				Project Engineer:	ROBERT IMREK	Details: A3	AMG
				Plot Date:	24/6/2020	Date:	
				Computer Reference:	ROAD 1259		
				Yarra Ranges Council			
				HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN			
				Checked by	Total No. of Sheets		Sheet No.
				Approved	84		11
				Manager	2018-013		
				Infrastructure Services			

CIVIL ROAD SOLUTIONS

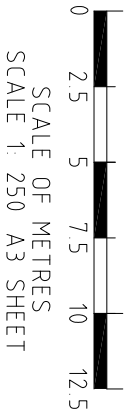
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60 Thompson Street, Avondale Heights, 3034

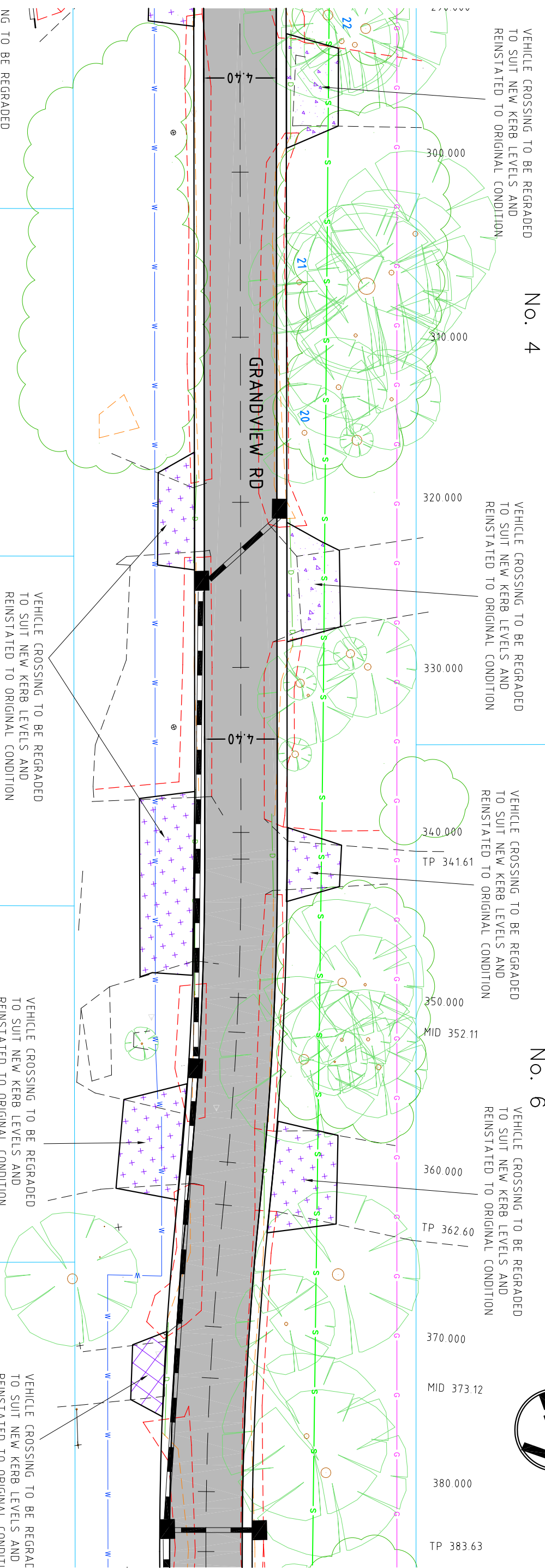
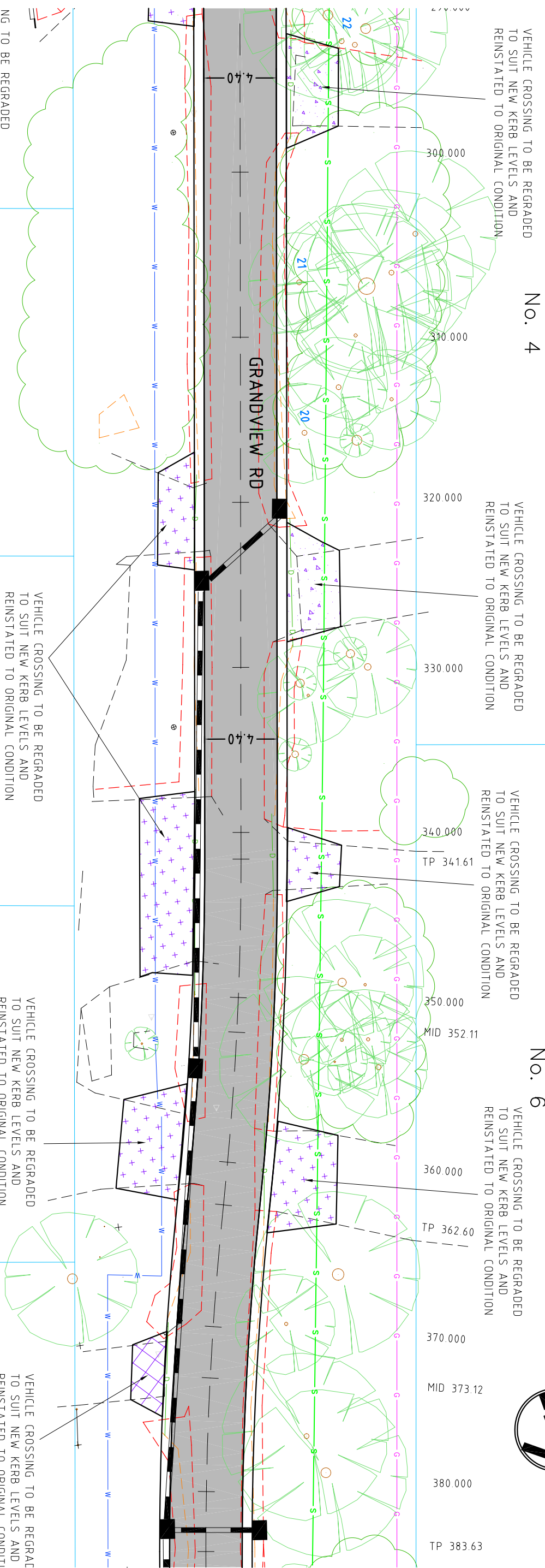
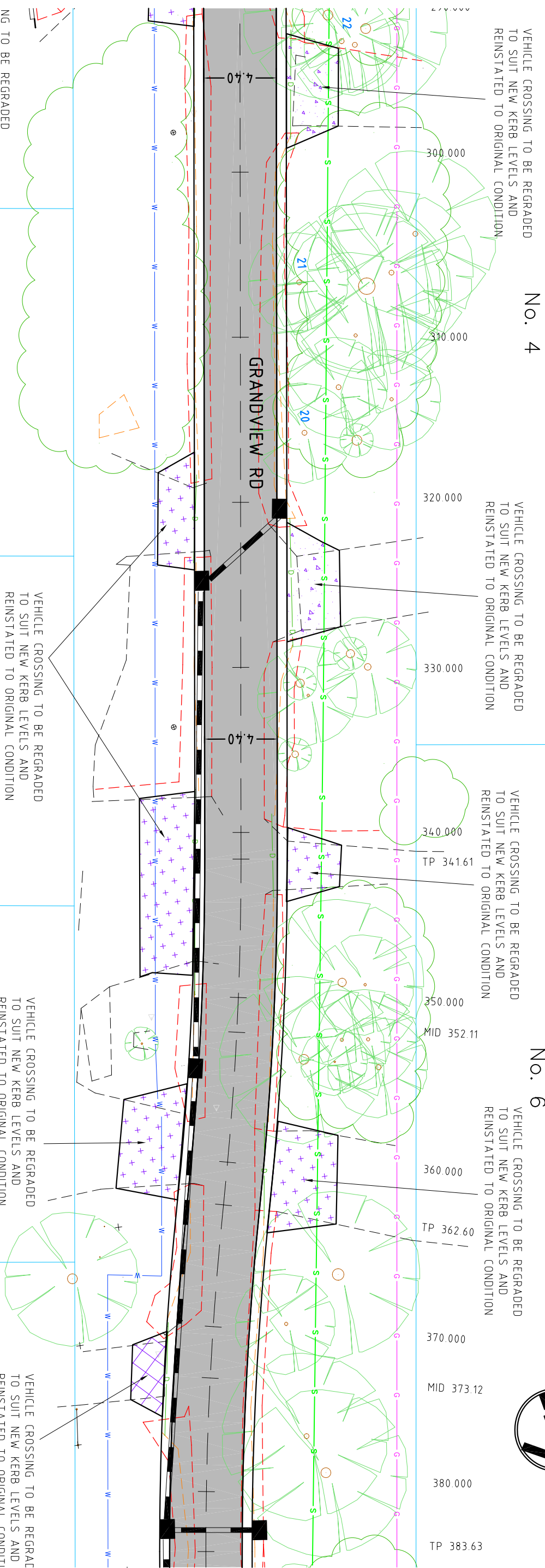
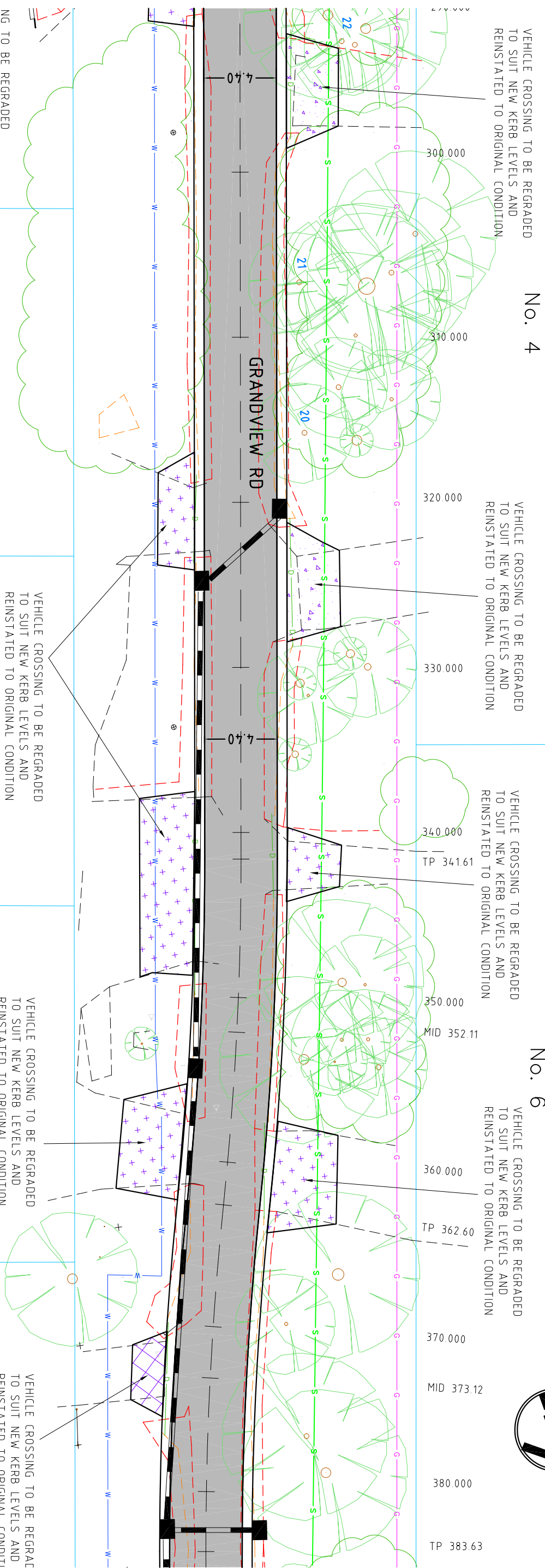
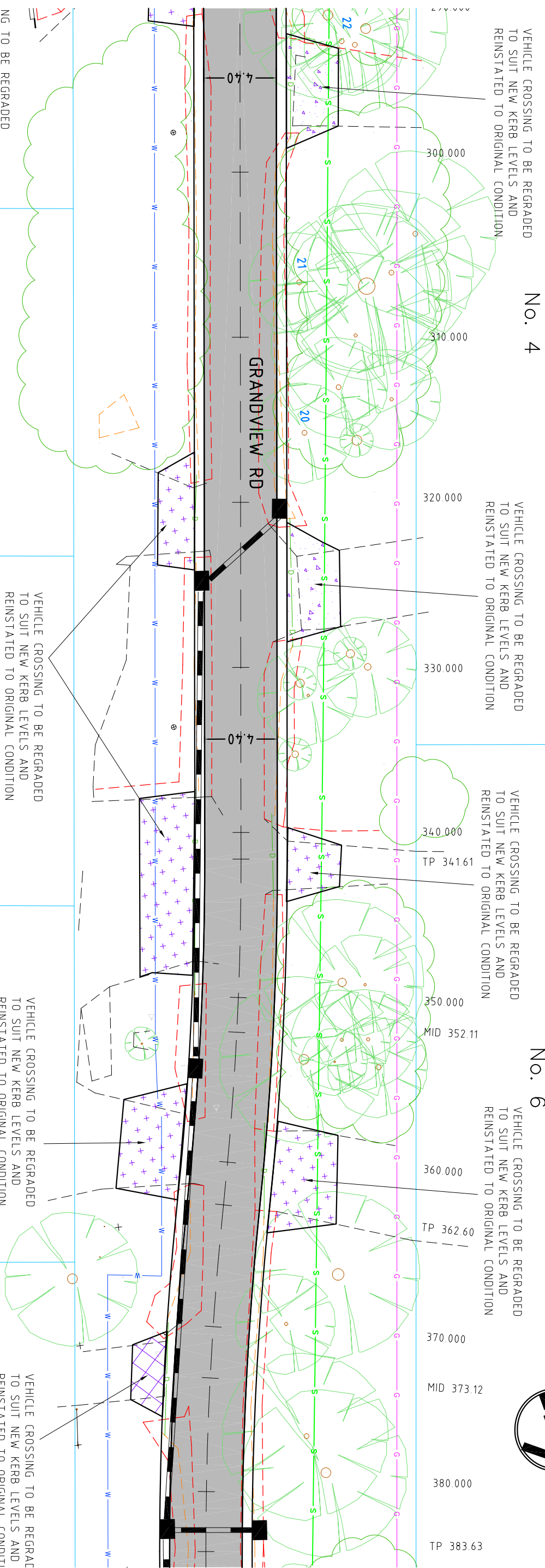
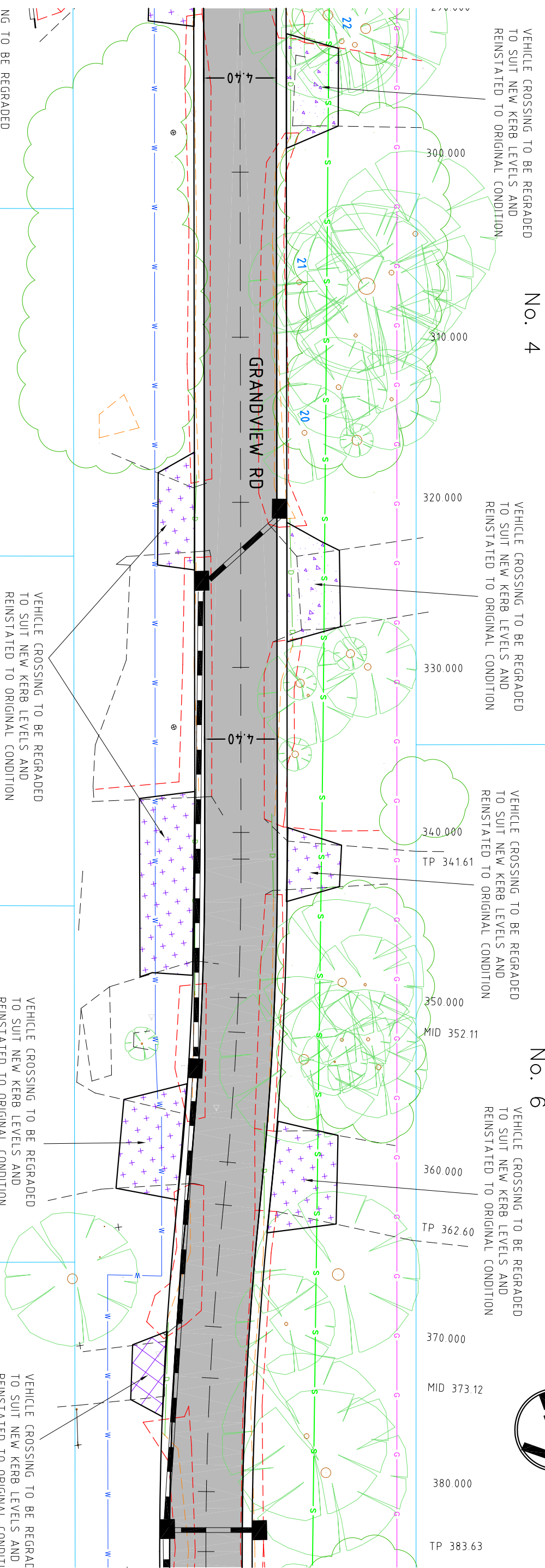
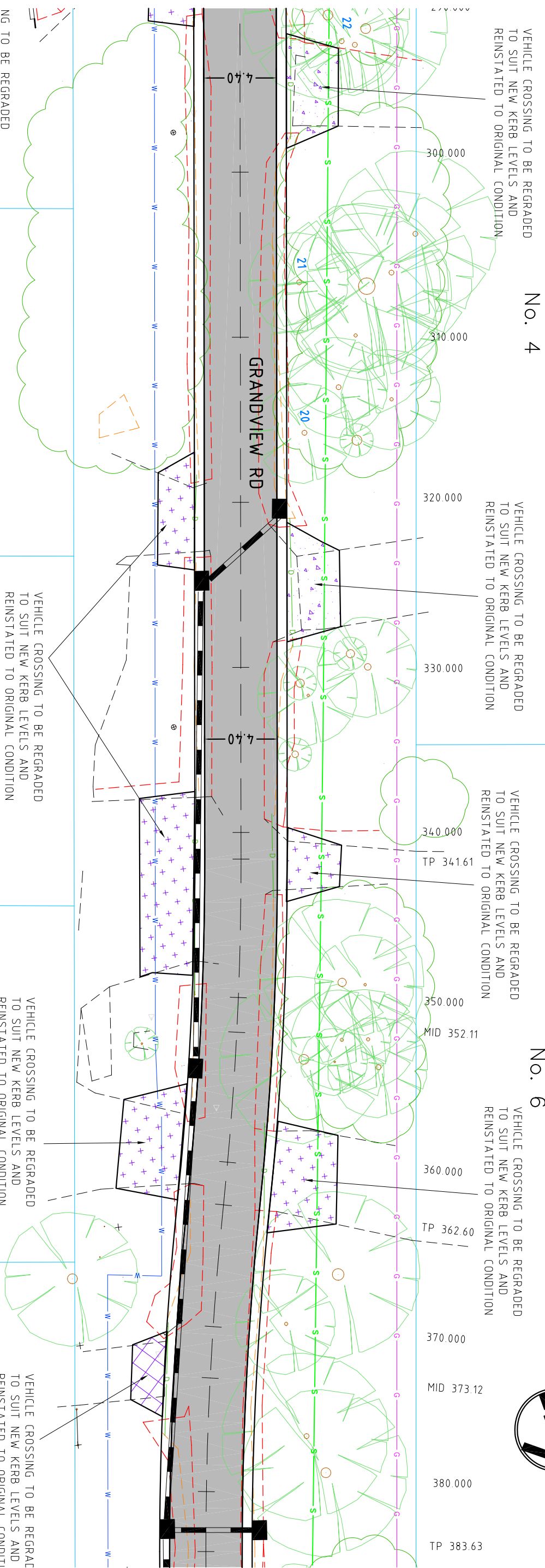
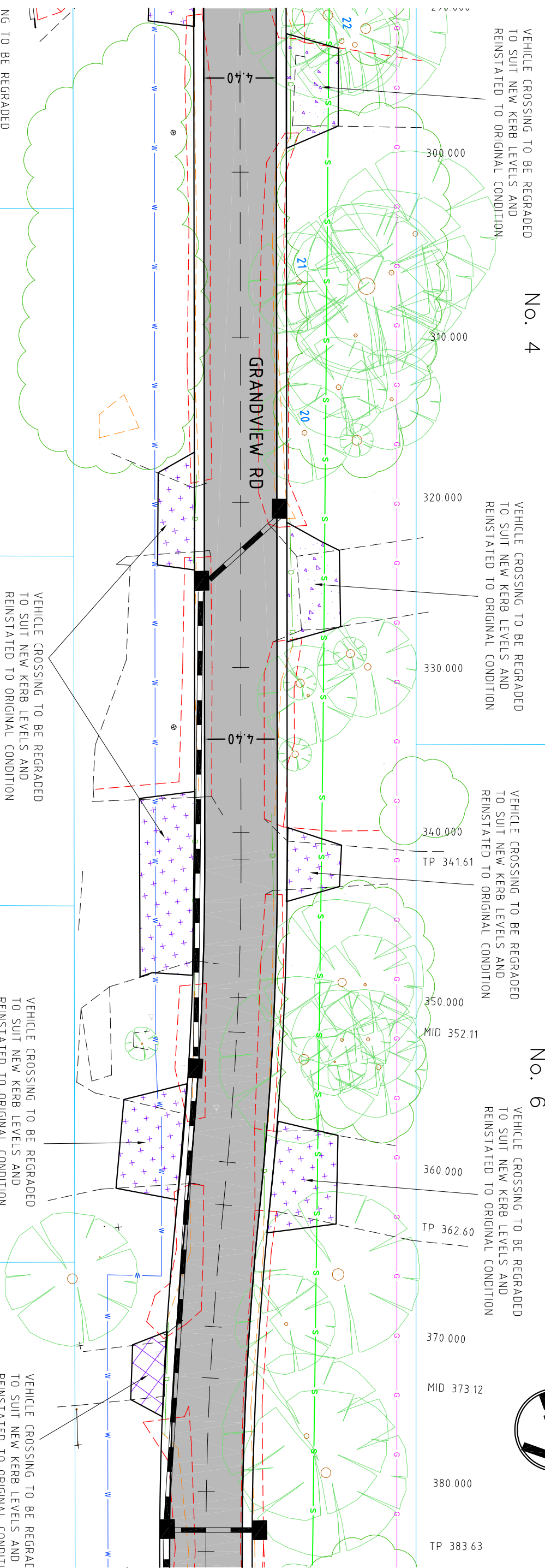
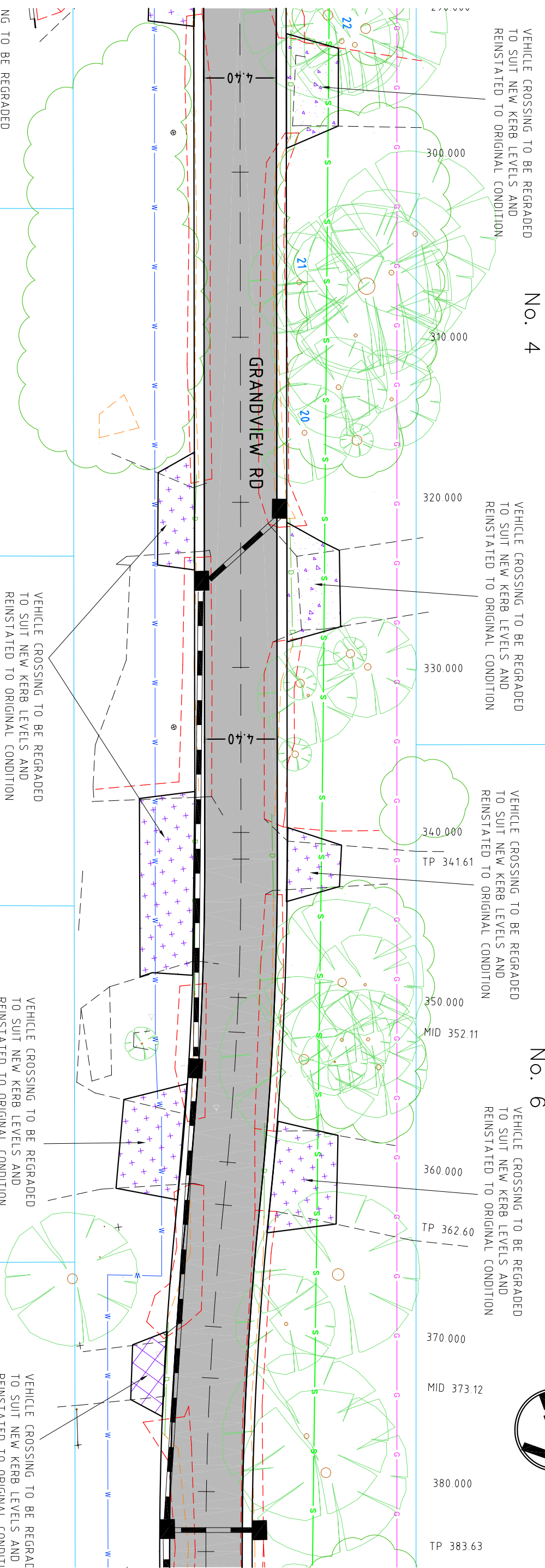
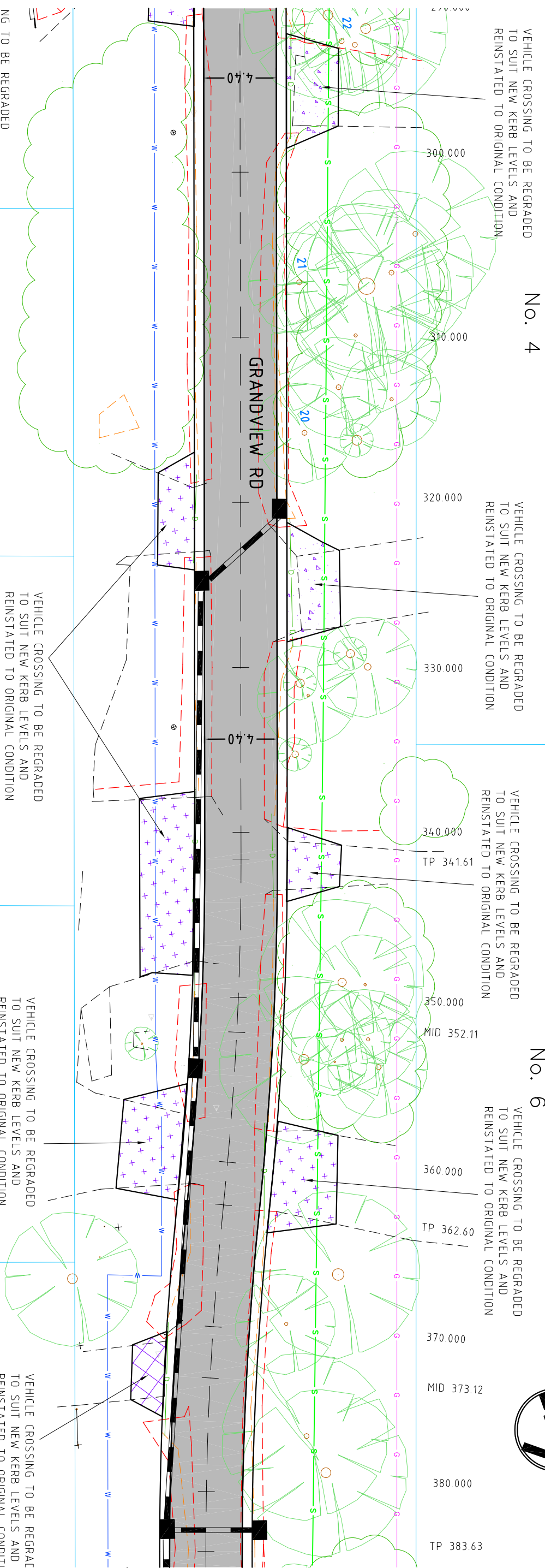
Phone: (03) 9331 4683, Fax: (03) 9331 3179


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Email: rimrek@civilroadsolutions.com



No. 1



AMENDMENTS			LEGEND			YARRA RANGES COUNCIL									
DATE	REVISION	AUTHORISED				Survey by:	MONUMENT GROUP	SCALES	Datum Adopted And Location	HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN			Checked by	Total No. of Sheets	Sheet No.
		Conduits	— C —	Telecom U/G Cable	ⓘ	Proposed K & Ch	Plan by: CIVIL ROAD SOLUTIONS	Plan: 1:—	AHD		Manager – Infrastructure Services	Approved	Drawing No. 2018—013	84	12
		Existing Drains	— B —	Water Main	— M —	Asphalt Area	Checked by: ROBERT MEEK	Cross Sections: 1:—							
		S.E.C. U/G Cable	— F —	Fire Hydrant	□	Concrete Area	Project Engineer: ROBERT MEEK	Long Sections: 1:—							
		Gas Main	— G —	Fire Plug	⊕	Gravel Area	Pilot Date: 24/6/2020	Details: A3							
		Sewer Main	— S —	Stop Valve	⊙	Tree to be removed	Date: —								
		Property Outlet	— SV —	S.E.C. Pole	⊙	Survey Station	Computer Reference: 44011 RD 12359								



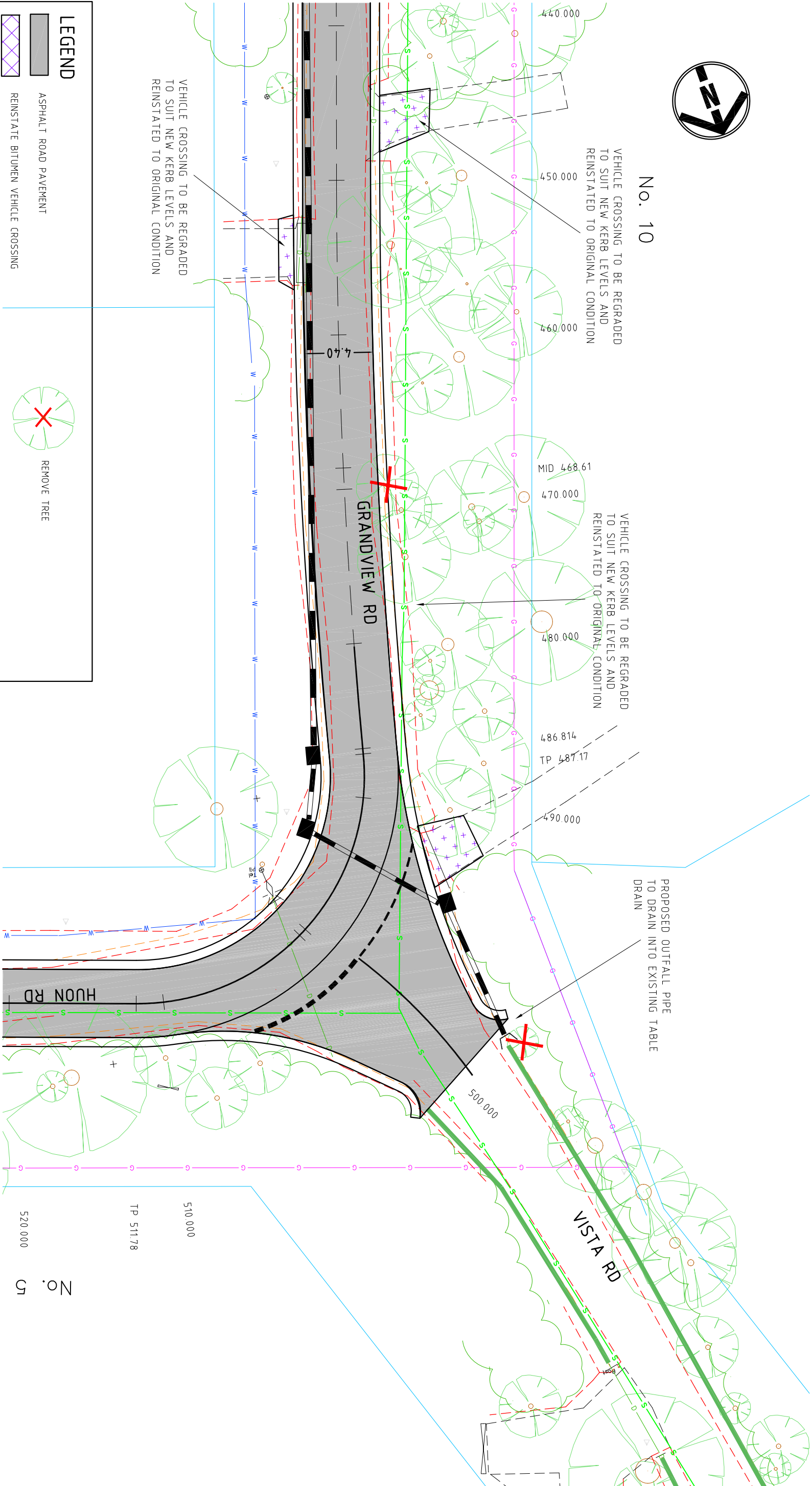
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VEHICLE CROSSING TO BE REGRADED
TO SUIT NEW KERB LEVELS AND
REINSTATED TO ORIGINAL CONDITION

VEHICLE CROSSING TO BE REGRADED
TO SUIT NEW KERB LEVELS AND
REINSTATED TO ORIGINAL CONDITION

PROPOSED OUTFALL PIPE
TO DRAIN INTO EXISTING TABLE
DRAIN

CONTINUES SHEET 13

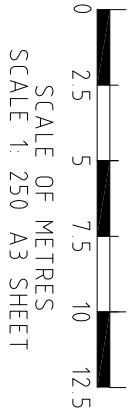


VEHICLE CROSSING TO BE REGRADED
TO SUIT NEW KERB LEVELS AND
REINSTATED TO ORIGINAL CONDITION

LEGEND

- ASPHALT ROAD PAVEMENT
- REINSTATE BITUMEN VEHICLE CROSSING
- REINSTATE CONCRETE VEHICLE CROSSING
- REINSTATE PAVED VEHICLE
- REINSTATE CRUSHED ROCK VEHICLE CROSSING
- REMOVE TREE
- TREE AT RISK
- NEW KERB AND CHANNEL
- EDGE OF EX. GRAVEL/TOP OF EMBANKMENT
- TOE OF EX. TABLE DRAIN
- NEW PIT AND PIPE

CONTINUES SHEET 15



SCALE OF METRES
SCALE 1: 250 A3 SHEET

CIVIL ROAD SOLUTIONS

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

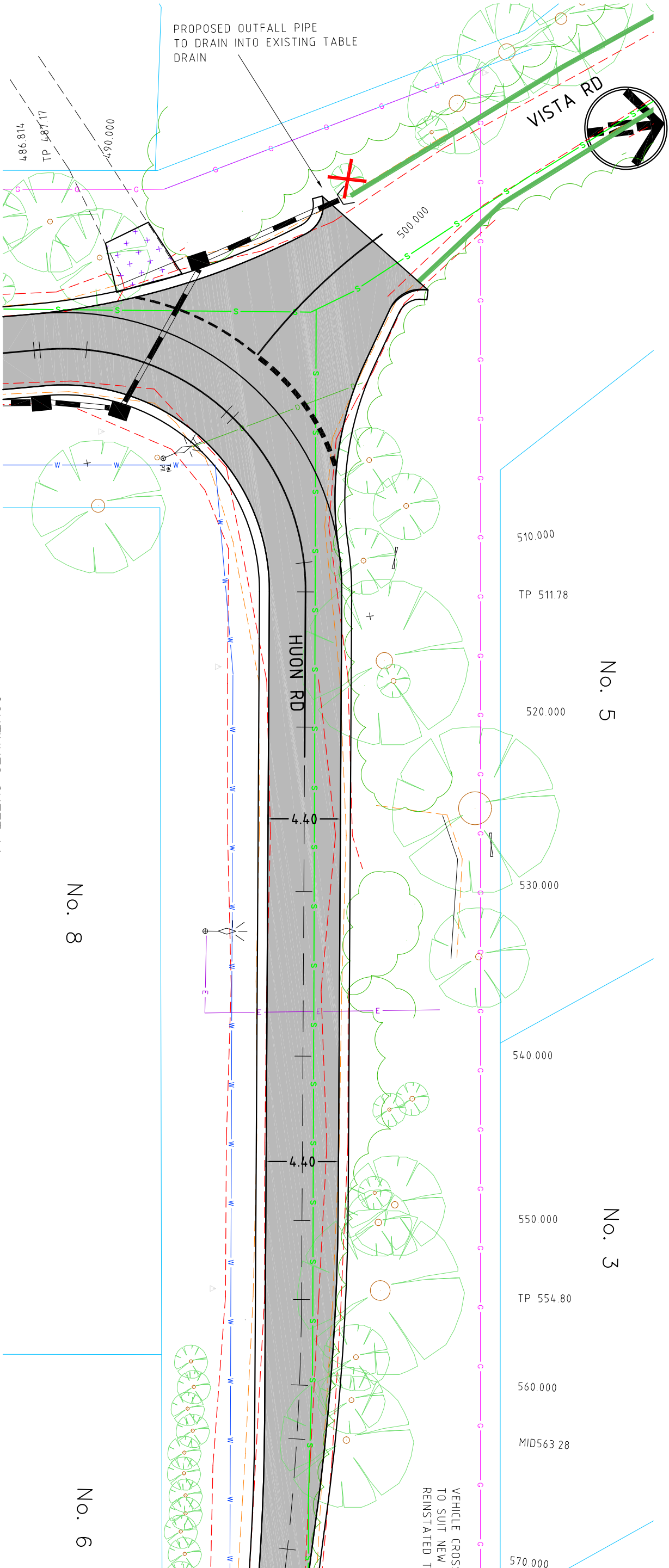
AMENDMENTS

DATE	REVISION	AUTHORISED
		Conduits
		Existing Drains
		S.E.C. U/G Cable
		Gas Main
		Sewer Main
		Property Outlet
		Telecom U/G Cable
		Water Main
		Fire Hydrant
		Fire Plug
		S.E.C. Pole
		Telecom Pole
		Telecom Pit
		Proposed K & Ch
		Asphalt Area
		Concrete Area
		Gravel Area
		Tree to be removed
		Survey Station
		Survey by:
		MOONLAND GROUP
		Plan by:
		CIVIL ROAD SOLUTIONS
		Checked by:
		ROBERT IMREK
		Project Engineer:
		ROBERT IMREK
		Plot Date:
		24/6/2020
		Computer Reference:
		440M ROAD 12599
		Datum Adopted
		And Location
		AHD
		Co-ordinate
		Datum
		AMG

YARRA RANGES COUNCIL

HEATH ROAD, BELGRAVE HEIGHTS
INCLUDING GRANDVIEW RD & HUON RD
ROAD UPGRADE SPECIAL CHARGE SCHEME
DETAIL PLAN

Checked by	—	Total No. of Sheets	84	Sheet No.	14
Approved	—	Drawing No.	2018-013		
Manager	—	Infrastructure Services			



CONTINUES SHEET 14



SCALE OF METRES
SCALE 1: 250 A3 SHEET

LEGEND

ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

NEW PIT AND PIPE

LEGEND

Conduits

Water Main

S.E.C. U/G Cable

Gas Main

Sewer Main

Property Outlet

Telecom U/G Cable

Fire Hydrant

Fire Plug

S.E.C. Pole

Telecom Pit

Existing Drain Pits

Proposed Drain Pits

Existing K & Ch

Proposed K & Ch

Asphalt Area

Concrete Area

Gravel Area

Tree to be removed

Survey Station

AMENDMENTS			LEGEND		
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pole
			Existing Drains	Water Main	Telecom Pit
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits
			Gas Main	Fire Plug	Proposed Drain Pits
			Sewer Main	Stop Valve	Proposed Drains
			Property Outlet	S.E.C. Pole	Existing K & Ch
			SCALES		
			Survey by:	MOONLAND GROUP	Datum Adopted And Location
			Plan by:	CIVIL ROAD SOLUTIONS	AHD
			Checked by:	ROBERT MAREK	Co-ordinate Datum
			Project Engineer:	ROBERT MAREK	Yarra Ranges Council
			Plot Date:	24/6/2020	
			Details:	A3	
			Date:	-	
			Computer Reference: AHD ROAD 12599		
			<div> <div> <div>YARRA RANGES COUNCIL</div> <div>HEATH ROAD, BELGRAVE HEIGHTS</div> <div>INCLUDING GRANDVIEW RD & HUON RD</div> <div>ROAD UPGRADE SPECIAL CHARGE SCHEME</div> <div>DETAIL PLAN</div> </div> <div> <div> <div>60 Thompson Street, Avondale Heights, 3034</div> <div>Phone: (03) 9331 4683, Fax: (03) 9331 3179</div> <div>Mob: 0402 231310</div> <div>Email: rimrek@civillroadsolutions.com</div> </div> <div> <div> <div>ABN 13 151 174 104</div> <div>CIVIL ROAD SOLUTIONS</div> </div> <div> <div> <div>www.dial1100.com.au</div> <div>DIAL 1100</div> <div>BEFORE YOU DIG</div> </div> </div> </div> </div></div>		
			Checked by	—	Total No. of Sheets
			Approved	—	84
			Manager	—	Drawing No.
			Infrastructure Services		2018—013



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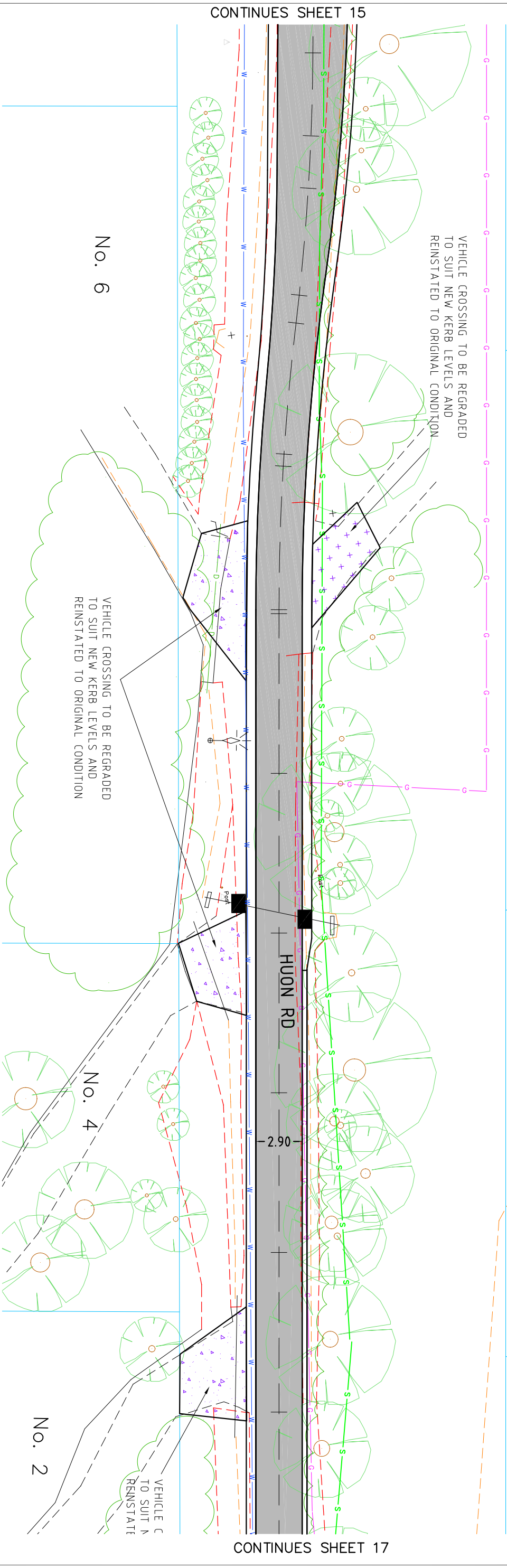
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No. 55



CONTINUES SHEET 15

CONTINUES SHEET 17

LEGEND

ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAYED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

REMOVE TREE

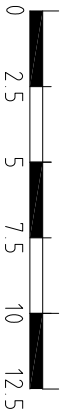
TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

NEW PIT AND PIPE




SCALE OF METRES
SCALE 1: 250 A3 SHEET

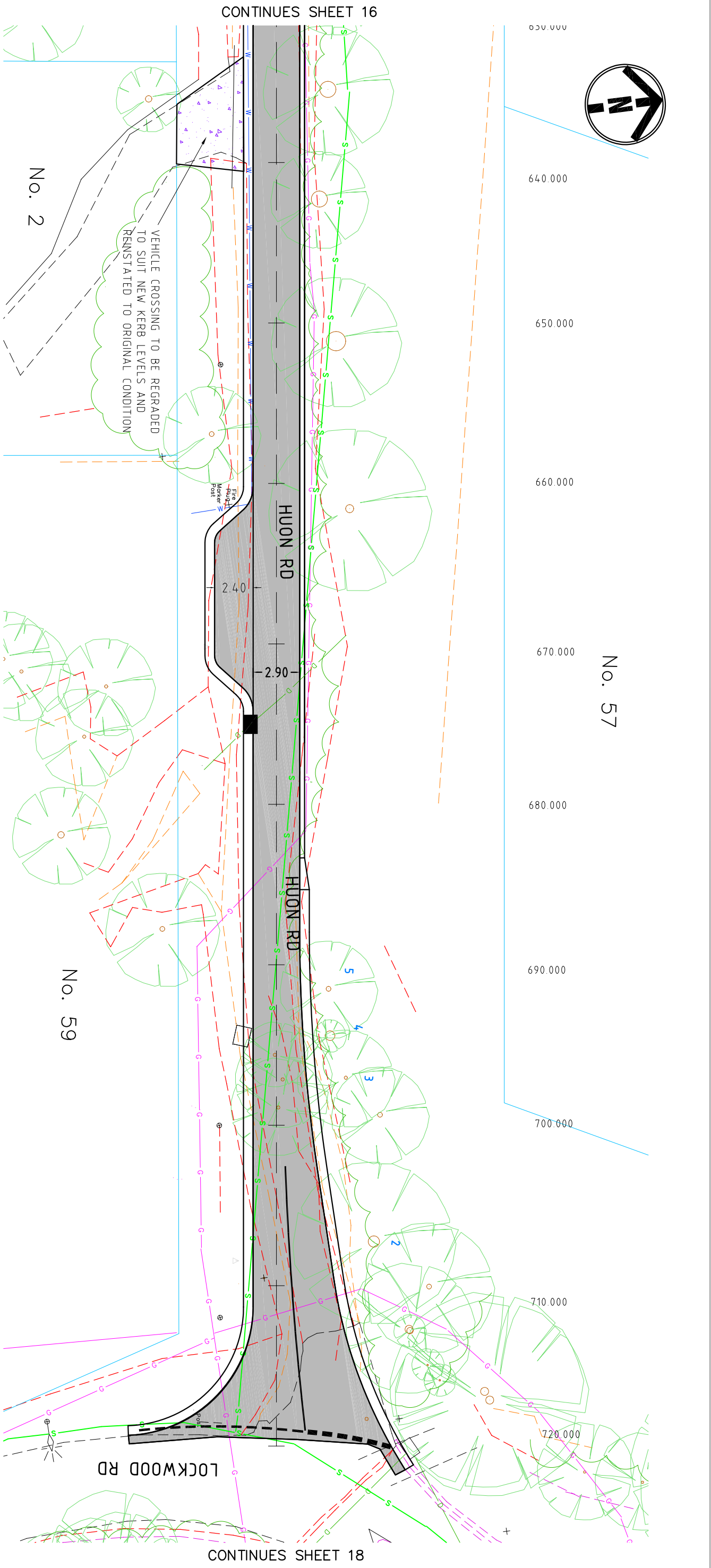
CIVIL ROAD SOLUTIONS

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Email: rimrek@civlroadsolutions.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:	Datum Adopted And Location		HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	1:---	AHD			
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT MAREK	Cross Sections: 1:---	Co-ordinate datum			
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT MAREK	Long Sections: 1:---	AMG			
			Sewer Main	Stop Valve	Proposed Drains	Tree to be removed	Pit Date:	24/6/2020	Details: A3				
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station	Computer Reference:	ROAD 12579	Date:	-			
						Checked by		Total No. of Sheets		Sheet No.			
						Approved		84		16			
						Manager -		Drawing No.		2018-013			
						Infrastructure Services							



ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

EXISTING KERB & CHANNEL

NEW PIT AND PIPE

REMOVE TREE

TREE AT RISK

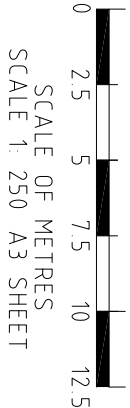
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EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

EXISTING KERB & CHANNEL

NEW PIT AND PIPE

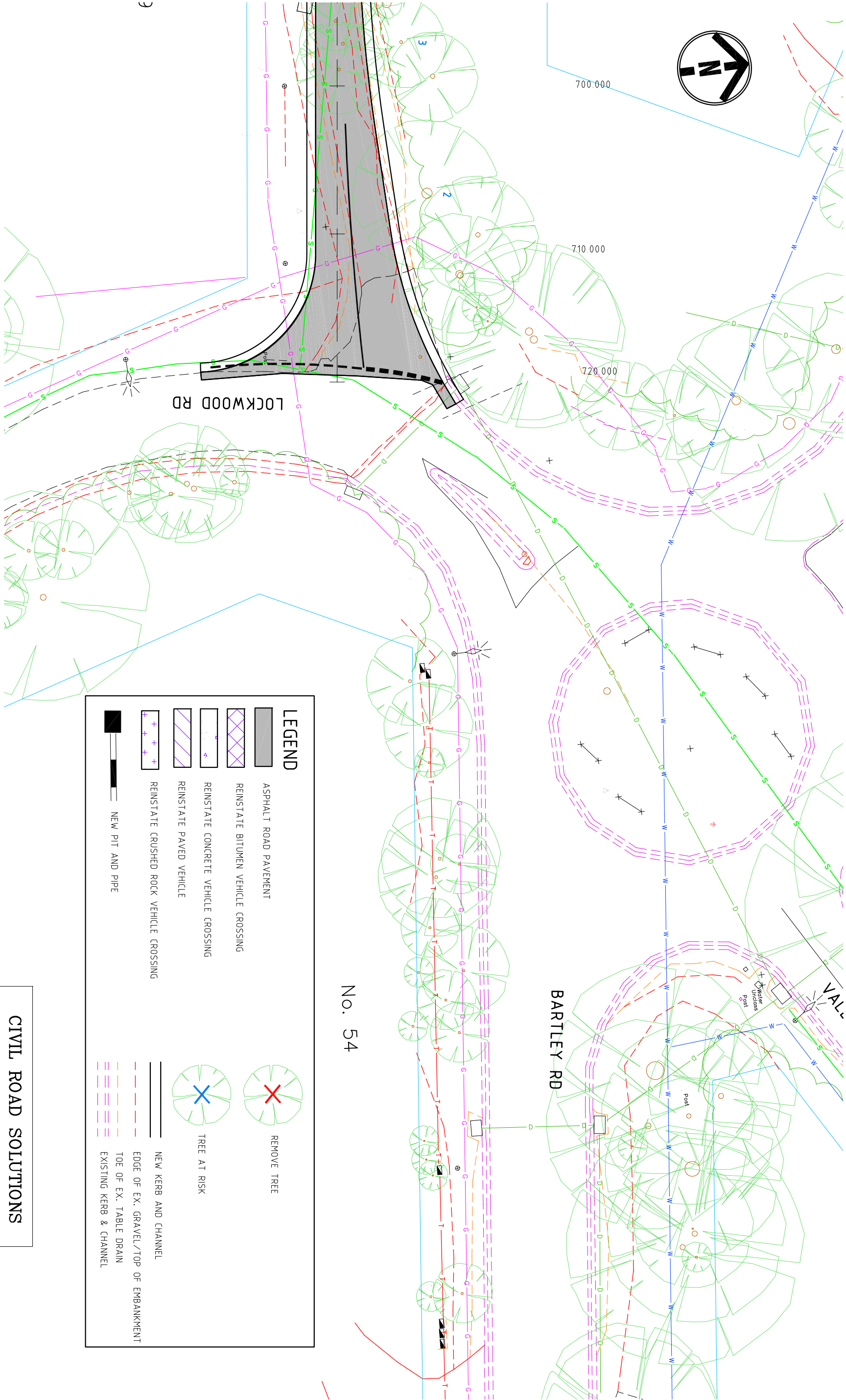


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Email: rimrek@civilroadsolutions.com

AMENDMENTS			LEGEND			SCALES			YARRA RANGES COUNCIL	
DATE	REVISION	AUTHORISED	Conduits	Telecom U/G Cable	Telecom Pit	Proposed K & Ch	Survey by:	MOONLAND GROUP	Plan:	1:--
			Existing Drains	Water Main	Telecom Pit	Asphalt Area	Plan by:	CIVIL ROAD SOLUTIONS	Cross Sections:	1:--
			S.E.C. U/G Cable	Fire Hydrant	Existing Drain Pits	Concrete Area	Checked by:	ROBERT IMREK	Long Sections:	1:--
			Gas Main	Fire Plug	Proposed Drain Pits	Gravel Area	Project Engineer:	ROBERT IMREK	Details:	A3
			Sewer Main	Stop Valve	Tree to be removed	Tree to be removed	Pit Date:	24/6/2020	Date:	--
			Property Outlet	S.E.C. Pole	Existing K & Ch	Survey Station	Computer Reference:	404M ROAD 1259		
									YARRA RANGES COUNCIL	
									HEATH ROAD, BELGRAVE HEIGHTS INCLUDING GRANDVIEW RD & HUON RD ROAD UPGRADE SPECIAL CHARGE SCHEME DETAIL PLAN	
									Checked by	Total No. of Sheets
									Approved	84
									Manager - Infrastructure Services	17
									2018-013	



CONTINUES SHEET 17



LEGEND

ASPHALT ROAD PAVEMENT

REINSTATE BITUMEN VEHICLE CROSSING

REINSTATE CONCRETE VEHICLE CROSSING

REINSTATE PAVED VEHICLE

REINSTATE CRUSHED ROCK VEHICLE CROSSING

NEW PIT AND PIPE

REMOVE TREE

TREE AT RISK

NEW KERB AND CHANNEL

EDGE OF EX. GRAVEL/TOP OF EMBANKMENT

TOE OF EX. TABLE DRAIN

EXISTING KERB & CHANNEL

CIVIL ROAD SOLUTIONS

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Email: rimrek@civillroadsolutions.com

AMENDMENTS				LEGEND				YARRA RANGES COUNCIL			
DATE	REVISION	AUTHORISED									
		Conduits	— C —	Telecom U/G Cable	— T —	Telecom Pole		Survey by:	MOONLAND GROUP		
		Existing Drains	— D —	Water Main	— W —	Telecom Pit		Plan by:	CIVIL ROAD SOLUTIONS		
		S.E.C. U/G Cable	— E —	Fire Hydrant	— F —	Existing Drain Pits		Checked by:	ROBERT IMREK		
		Gas Main	— G —	Fire Plug	— P —	Proposed Drain Pits		Project Engineer:	ROBERT IMREK		
		Sewer Main	— S —	Stop Valve	— SV —	Tree to be removed		Long Sections:	1:—		
		Property Outlet	— SV —	S.E.C. Pole	— SP —	Survey Station		Plot Date:	24/6/2020		
								Details:	A3		
								Date:	—		