MT GISBORNE ROAD REHABILITATION - GISBORNE
BETWEEN 239 TO 359 MT GISBORNE ROAD

1.0 GENERAL NOTES

1.1 WORKS MUST BE CARRIED OUT IN ACCORDANCE TO THE DESIGN DRAWINGS AND MACEDON RANGES SHIRE COUNCIL STANDARDS, UNLESS SPECIFIED OTHERWISE. WHERE NO SPECIFICATION IS NOMINATED, AN EQUIVALENT AND CURRENT STANDARD/SPECIFICATION APPLIES SUBJECTED TO APPROVAL OF MACEDON RANGES SHIRE COUNCIL'S SUPERINTENDENT.

1.2 WORKS WITHIN THE ROAD RESERVE ARE TO BE PERFORMED IN ACCORDANCE WITH AS1742.3: MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - TRAFFIC CONTROL DEVICES FOR WORKS ON ROADS.

1.3 ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE. ALL LEVELS ARE TO AHD AND COORDINATES ARE TO MGA94 ZONE 55.

1.4 ONLY DRAWINGS IDENTIFIED AS " FOR CONSTRUCTION" SHALL BE USED FOR CONSTRUCTION PURPOSES.

1.5 DISCREPANCIES BETWEEN CONSTRUCTION DRAWINGS AND EXISTING CONDITIONS ARE TO BE REPORTED IMMEDIATELY TO MACEDON RANGES SHIRE COUNCIL'S SUPERINTENDENT.

1.6 EXISTING SERVICES SHOWN ON THE DESIGN PLANS ARE INDICATIVE ONLY. ALL SERVICES WITHIN THE VICINITY OF THE WORKS SHALL BE PROVEN PRIOR TO THE WORKS COMMENCING.

1.7 THE CONTRACTOR MUST NOTIFY ALL SERVICE AUTHORITIES AND OBTAIN RELEVANT PERMITS PRIOR TO ANY WORKS COMMENCING.

1.8 THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES INCURRED TO EXISTING SERVICES THROPUGHOUT THE CONSTRUCTION PHASE.

1.9 EXISTING VALVES AND PIT LIDS WITHIN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO MATCH PROPOSED FINISHED SURFACE LEVELS.

1.10 THE CONTRACTOR MUST MAINTAIN SAFE PEDESTRIAN AND VEHICULAR ACCESS TO PROPERTIES AT ALL TIMES UNLESS OTHERWISE AGREED.

1.11 THE CONTRACTOR MUST ASSIST AFFECTED RESIDENTS AND PROPERTIES WITH GARBAGE, RECUCLING AND GREEN WASTE COLLECTIONS.

1.12 THE CONTRACTOR MUST TAKE PHOTOS OF EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF WORKS AS PROOF OF ORIGINAL CONDITIONS THAT MAY BE DAMAGED DURING CONSTRUCTION.

1.13 THE LOCATION OF THE SITE SHED/S, PORTABLE TOILET/S AND ANY STOCKPILES SHALL BE APPROVED BY MACEDON RANGES SHIRE COUNCIL'S SUPERINTENDENT.

1.14 LIGHT/ELECTRICITY POLES SHALL BE ADEQUATELY BRACED OR PROPPED NEAR EXCAVATIONS.

1.15 THE CONTRACTOR MUST DISPOSED OF ALL SURPLUS EXCAVATED MATERIAL, OTHER THAN BLUESTONE, UNLESS OTHERWISE SPECIFIED.

1.16 THE CONTRACTOR MUST CLEAN ALL SURPLUS BLUESTONE AND THEN TRANSPORT IT COUNCIL DEPOT AS INSTRUCTED BY COUNCIL SUPERINTENDENT.

1.17 THE CONTRACTOR MUST CLEAN ALL BLUESTONES PRIOR TO RELAYING.

1.18 THE CONTRACTOR MUST ENSURE DUST, SILT, SPOIL, SEDIMENTS AND/OR FINES ARE TO BE MANAGED ON SITE IN LINE WITH THE ENVIRONMENTAL MANAGEMENT PLAN.

1.19 IMPORTED TOPSOIL SHALL BE CLEAN AND FREE FROM SUBSOIL, TREE ROOTS, CLAY BALLS, STONES, ROCKS, RUBBISH, CONTAMINANTS, WEEDS, PATHOGENS AND TOXIC LEVELS OF ANY ELEMENTS WITH A pH IN THE RANGE OF 5 TO 8.

2.0 DRAINAGE NOTES

2.1 THE CONTRACTOR MUST CARRY OUT ALL EXCAVATION WORKS IN ACCORDANCE TO OHS ACT 2004, OHS REGULATIONS 2017 AND WORK SAFE COMPLIANCE CODE EDITION 1: MAY 2018, WHERE TRENCHING WORKS ARE GREATER THAN 1.5m, MANAGEMENT AND SAFETY OF WORKS NED TO ALSO COMPLY WITH MINES ACT 1958.

2.2 TRENCHING FOR PIPES SHALL BE IN ACCORDANCE WITH MRSC STANDARD DRAWINGS. ALL REASONABLE STEPS MUST BE TAKEN WHEN EXCAVATING ADJACENT TO EXISTING STRUCTURES AND APPROPRIATE MEASURES TAKEN TO PREVENT ANY DAMAGE.

2.3 THE CONTRACTOR MUST VERIFY THAT ALL ASPECTS OF THE DRAINAGE DESIGN ARE CORRECT AND OBTAINABLE PRIOR TO COMMENCEMENT OF WORKS.

2.4 THE CONTRACTOR MUST ENSURE THAT ALL REASONABLE MEASURES ARE UNDERTAKEN BEFORE COMMENCEMENT OF WORKS IN HIGH RISKS AREAS AS DEFINED THROUGH 1100 (DIAL BEFORE YOU DIG) AND IN ACCORDANCE TO OHS REGULATIONS 2017 - PART 3.

2.5 THE CONTRACTOR MUST SUPPLY AND MAINTAIN OF ALL SEDIMENT AND LITTER CONTROL DEVICES THROUGHOUT THE DURATION OF THE CONSTRUCTION WORKS AND CONTRACT MAINTENANCE PERIOD.

2.6 PIPE LAYING SHALL COMMENCE AT THE3 DOWN STREAM END OF WORKS.

2.7 ALL CONCRETE STORMWATER PIPES ARE TO BE REINFORCED CONCRETE PIPE (RCP) WITH RUBBER RING JOINTS, UNLESS OTHERWISE NOTED. REFER TO DESIGN DRAWINGS FOR SPECIFIED CLASS OF PIPE.

2.8 PIT FLOORS ARE TO BE SHAPED TO PROVIDE SMOOTH FLOW THROUGH ALL PITS.

2.9 THE CONTRACTOR MUST COMPLY WITH THEIR DUTIES UNDER THE PROHIBITION OH&S ACT 2004 AND PART 4.4 - ASBESTOS' OF THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS IN RELATION TO ASBESTOS REMOVAL WORKS.

2.10 ALL UPVC PIPES SHALL BE SEWER QUALITY CLASS 8 AND SOLVENT WELDED UNLESS NOTED OTHERWISE.

2.11 ALL EXISTING HOUSE DRAINS TO BE RECONNECTED TO PROPOSED DRAIN, AS DEFINED ON THE DESIGN DRAWINGS AND MRSC STANDARD DRAWING SD 025. WHEN REQUIRED, ALTERNATIVE CONNECTIONS MUST BE APPROVED BY MACEDON RANGES SHIRE COUNCIL'S SUPERINTENDENT.

DRAWING LIST

SHEET 1	GENERAL NOTES
SHEET 2	TYPICAL SECTION
SHEET 3	TYPICAL SECTIONS
SHEET 4	DETAIL PLAN
SHEET 5	DETAIL PLAN
SHEET 6	DETAIL PLAN
SHEET 7	DETAIL PLAN
SHEET 8	DETAIL PLAN
SHEET 9	SETOUT PLAN
SHEET 10	SETOUT PLAN
SHEET 11	SETOUT PLAN
SHEET 12	SETOUT PLAN
SHEET 13	SETOUT DETAILS
SHEET 14	SETOUT DETAILS
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SHEET 16	ROAD CENTRE LINE LONG SECTION
SHEET 17	ROAD CENTRE LINE LONG SECTION
SHEET 18	ROAD CENTRE LINE LONG SECTION
SHEET 19	ROAD CENTRE LINE LONG SECTION
SHEET 20	ROAD CENTRE LINE LONG SECTION
SHEET 21	ROAD CENTRE LINE LONG SECTION
SHEET 22	ROAD CENTRE LINE LONG SECTION
SHEET 23	ROAD CENTRE LINE LONG SECTION
SHEET 24	ROAD CENTRE LINE LONG SECTION
SHEET 25	ROAD CENTRE LINE LONG SECTION
SHEET 26	ROAD CENTRE LINE CROSS SECTIONS
SHEET 27	ROAD CENTRE LINE CROSS SECTIONS
SHEET 28	ROAD CENTRE LINE CROSS SECTIONS
SHEET 29	ROAD CENTRE LINE CROSS SECTIONS
SHEET 30	ROAD CENTRE LINE CROSS SECTIONS
SHEET 31	ROAD CENTRE LINE CROSS SECTIONS
SHEET 32	ROAD CENTRE LINE CROSS SECTIONS
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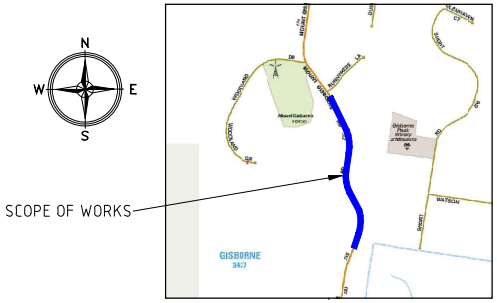
SHEET 51	VEHICLE SCRAPING CHECKS
SHEET 52	SIGNAGE AND LINE MARKING PLAN
SHEET 53	SIGNAGE AND LINE MARKING PLAN
SHEET 54	SIGNAGE AND LINE MARKING PLAN
SHEET 55	SIGNAGE AND LINE MARKING PLAN
SHEET 56	SIGNAGE AND LINE MARKING PLAN



LOCALITY PLAN
NOT TO SCALE

WARNING
BEWARE OF UNDERGROUND SERVICES AND OVERHEAD POWERLINES
THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION MUST BE PROVEN ON SITE

REMOVE ALL VEGETATION WITHIN 1.0m ON EITHER SIDES OF EXISTING GUARD RAIL

ALL TREE PRUNING TO HAVE MINIMUM CLEARANCE OF 1.5m FROM ROAD SHOULDER AND 5.40m HIGH FROM GROUND

NOTE:
CONTRACTOR MUST FOLLOW ALL RECOMMENDATIONS AS OUTLINED IN THE GEOTECHNICAL PAVEMENT TECHNICAL REPORT PREPARED BY PARDON ENGINEERING - REPORT REF: 232967 MT GISBORNE RD/1.1 PREPARED IN MARCH 2024

ISSUE FOR TENDER

LEGEND

EXISTING FEATURE	EXISTING FEATURE	PROPOSED FEATURE
GAS MAIN, SYPHON, VALVE	PERMANENT SURVEY MARK	LIMITS OF WORKS
WATER MAIN, HYDRANT, VALVE	TEMPORARY BENCH MARK	TRAVERSE LINE, CHANAGES OFFSET FROM TRAVERSE LINE SIGN
SEWER, MANHOLE, INSPECTION SHAFT	SURVEY STATION	DRAIN, DIA, PIT, PIT NO, PIT TYPE. FOOTPATH GRATED PIT
PROPERTY SEWER BRANCH (APPROX.)	SIGN	
TELECOMM, PIT, PILLAR	TREE	
U/G ELECTRICITY CONDUIT, SERVICE BOX	ELECTRICITY SUPPLY POLE	
OVERHEAD ELECTRICITY CABLES, POLE	E.S.P. WITH LIGHT	
TRAFFIC SIGNAL CABLE, PEDESTAL, PIT	LIGHT POLE ONLY	
UNDERGROUND DRAIN, SIZE, PIT	EXISTING HOUSE DRAIN	

ABBREVIATIONS

BS / C KC	BLUESTONE / CONCRETE KERB & CHANNEL
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CH	CHAINAGE
BL	BUILDING (PROPERTY) LINE
TBM	TEMPORARY BENCH MARK
RL / INV	REDUCED LEVEL / INVERT

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DIAL 1100 BEFORE YOU DIG
BEWARE OF UNDERGROUND SERVICES
The existence and location of underground services as shown are indicative only and shall be checked and proven on site

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A	ISSUE FOR TENDER	22/08/24	AME
B	ISSUE FOR TENDER	02/09/24	AME
C	ISSUE FOR TENDER	08/10/24	AME
-	-	-	-

AME Consultants
PO BOX 102, Clarinda, VIC 3169
tunglam@ameconsultants.com.au
0434 152 163

Survey By: PR SURVEYS P/L
Survey Date: December 2023
Designed By: AME
Design File: Mt Gisborne Rd
Design Date: November 2023
Checked By: AME
Check Date: October 2024
Constructed:

MT GISBORNE ROAD - GISBORNE
ROAD REHABILITATION
BETWEEN 239 to 359 MT GISBORNE ROAD
COVER

Approved by:
Signature:
Date ..... / ..... / .....
Design Coordinator - City Improvement

Macedon Ranges Shire Council

Level Datum: A.H.D
SCALE NTS @ A3
VERTICAL: A.H.D
HORIZONTAL: A.H.D
SHEET 1 of 56
DRAWING No. MRSC-521
REV. C

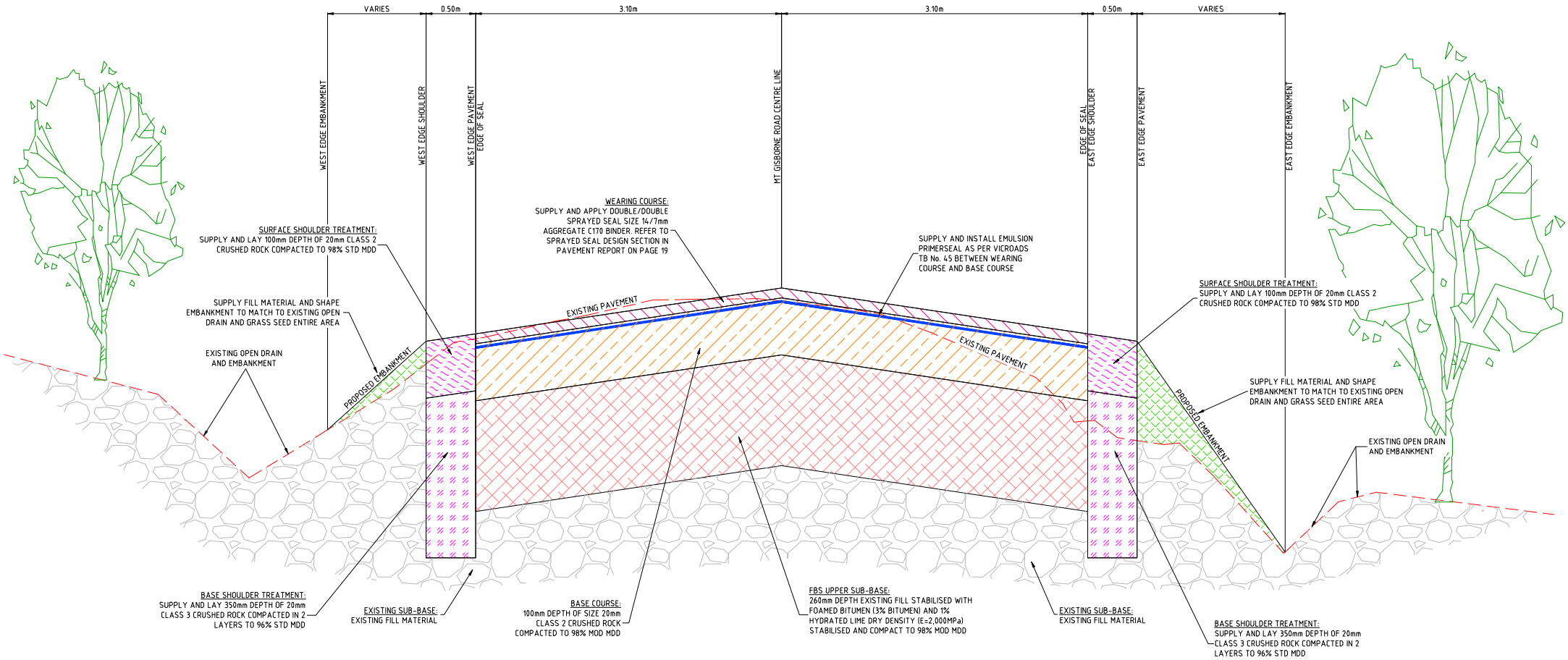

FIGURE 1: MT GISBORNE ROAD REHABILITATION TYPICAL SECTION

NOT TO SCALE

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MT GISBORNE ROAD - GISBORNE
ROAD REHABILITATION
BETWEEN 239 to 359 MT GISBORNE ROAD
TYPICAL SECTIONS

Approved by: Signature:
Date ..... / ..... / .....
Design Coordinator - City Improvement

Macedon Ranges Shire Council

Level Datum: A.H.D
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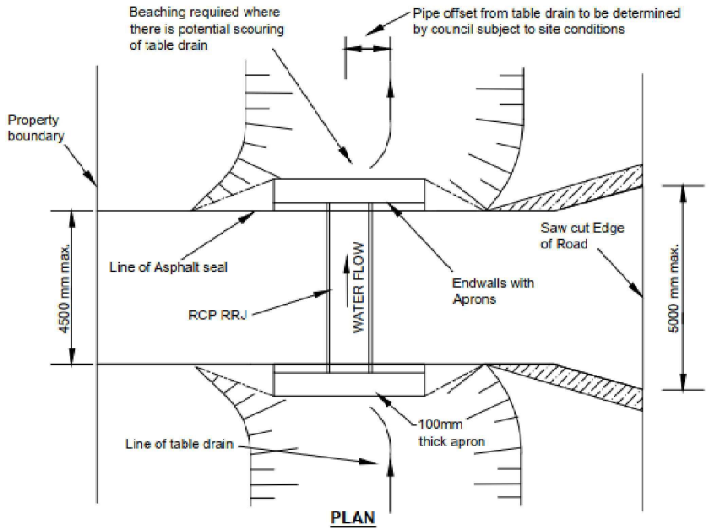
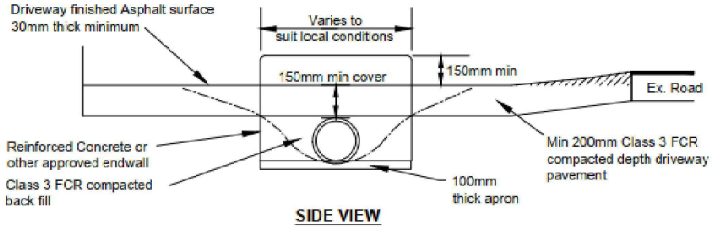
HORIZONTAL: A.H.D
SHEET 2 of 56
DRAWING No. MRSC-521
REV. C





NOTE:

1. Pipe size to be determined based on calculation (min 300Ø) submitted by applicant and approved by council.
2. Pipe sections are to be bedded on at least 100mm consolidated FCR or approved gravel.
3. Culvert Crossings are to be minimum of 4.88m length.
4. Pipe to be at a grade which allows smooth flow of water along table drain.
5. Asphalt or Concrete surfacing is not required when the road is unsealed.
6. Construction and road reinstatement in conjunction with issued Asset Permit Policy conditions.

Macedon Ranges Shire Council

REVISION	DATE	APPROVED
1.	15.11.2011	C.B.
2.	25.10.2012	C.B.
3.	05.04.2013	L.T.

VEHICLE CROSSING, PIPE CULVERT AND ENDWALLS

(Not To Scale)

DRAWN BY: J.G.

CHECKED : L.T.

DATE: 05.04.13

SD 001

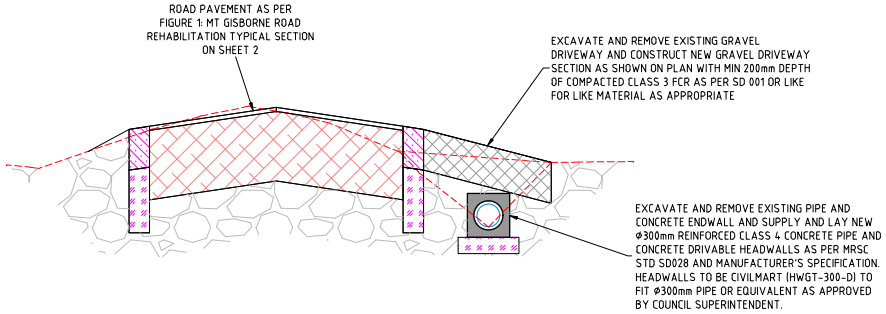


FIGURE 2: WEST CULVERT WITH DRIVABLE HEADWALL TYPICAL SECTION

NOT TO SCALE

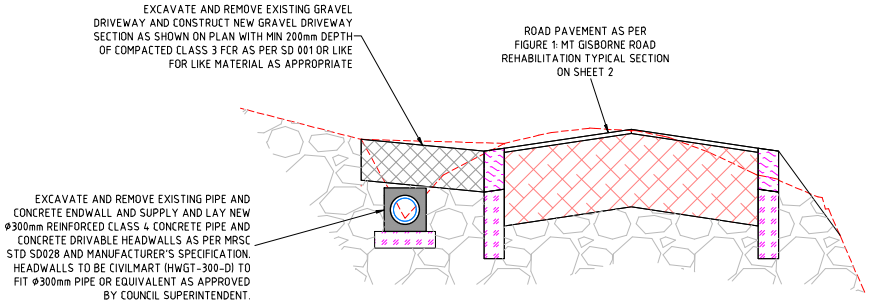


FIGURE 3: EAST CULVERT WITH DRIVABLE HEADWALL TYPICAL SECTION

NOT TO SCALE

ISSUE FOR TENDER

LEGEND

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ROAD REHABILITATION
BETWEEN 239 to 359 MT GISBORNE ROAD
TYPICAL SECTIONS

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Date ..... / ..... / .....
Design Coordinator - City Improvement

Macedon Ranges Shire Council

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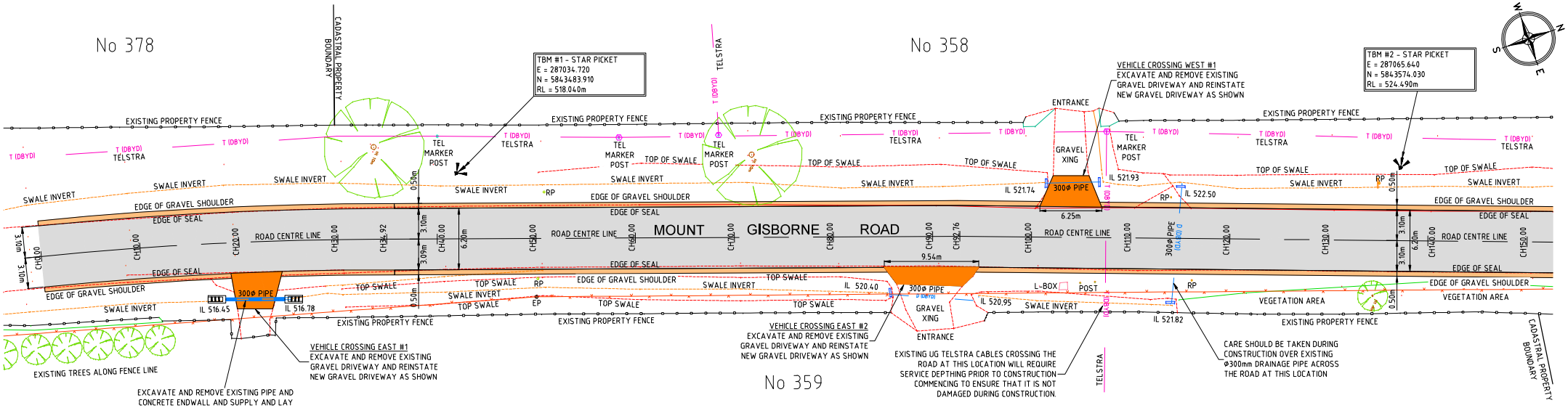

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0 2.0 4.0 8.0 12 16 20

SCALE IN METRES
A1 PLOT 1:200, A3 PLOT 1:400

LEGEND

- REHABILITATE EXISTING ROAD PAVEMENT AS RECOMMENDED IN PAVEMENT REPORT PREPARED BY LR PARDO AND ASSOCIATES - OPTION 4 SHEET 18 FOAM BITUMEN STABILISATION
- REHABILITATE EXISTING ROAD SHOULDER AS SHOWN ON SHEET 2 FIGURE 1: MT GISBORNE ROAD REHABILITATION TYPICAL SECTION
- EXCAVATE AND REMOVE EXISTING GRAVEL DRIVEWAY AND CONSTRUCT NEW GRAVEL DRIVEWAY SECTION AS SHOWN ON PLAN WITH MIN 200mm DEPTH OF COMPACTED CLASS 3 FCR AS PER SD 001 OR LIKE FOR LIKE MATERIAL AS APPROPRIATE

ISSUE FOR TENDER

LEGEND

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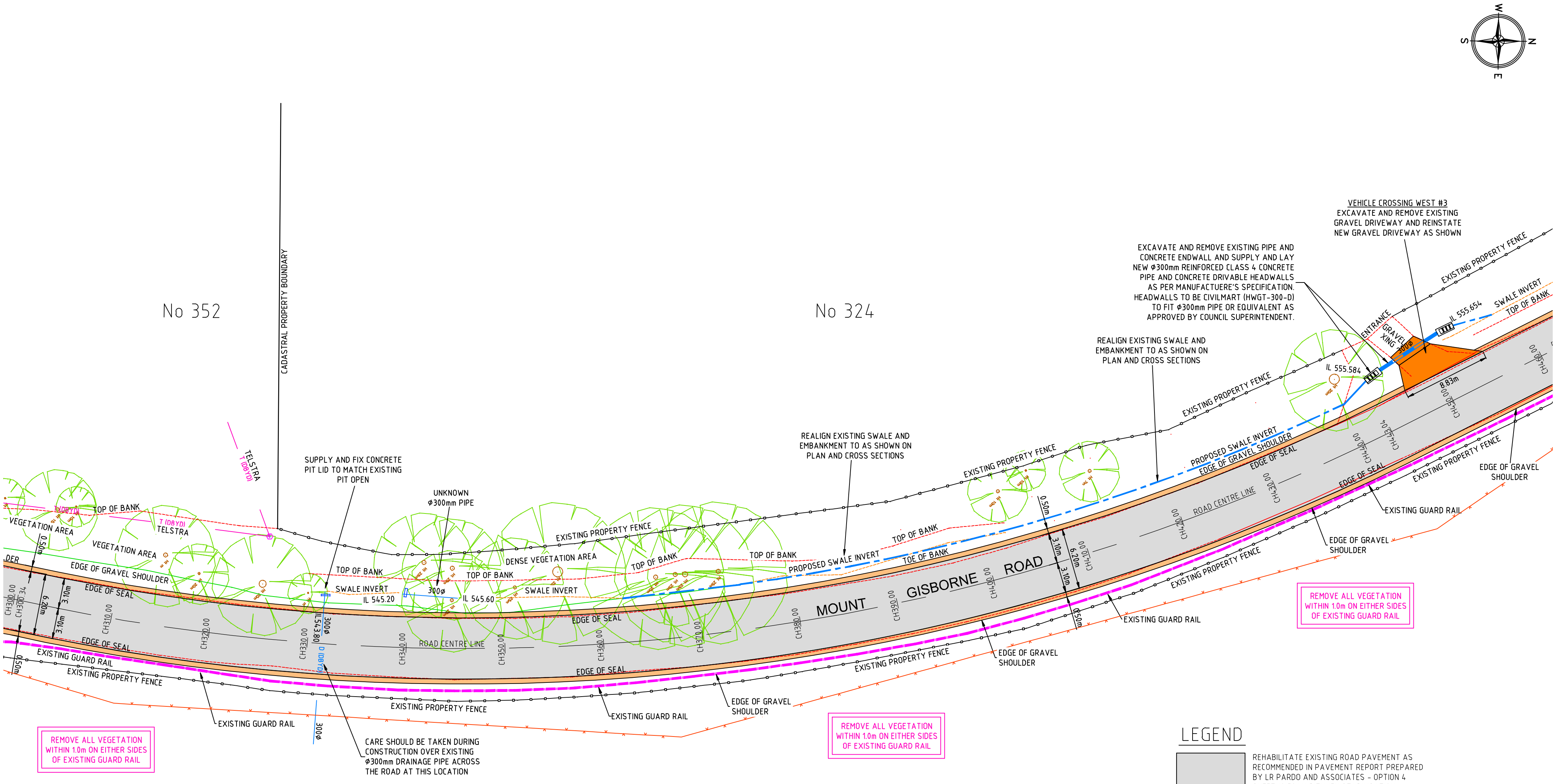

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WATER MAIN, HYDRANT, VALVE	TEMPORARY BENCH MARK	TRAVERSE LINE, CHAINAGES OFFSET FROM TRAVERSE LINE	BS / C K BLUESTONE / CONCRETE KERB
SEWER, MANHOLE, INSPECTION SHAFT	SURVEY STATION	SIGN	BOK / TOK BACK OF KERB / TOP OF KERB
PROPERTY SEWER BRANCH (APPROX.)	SIGN	DRAIN, DIA, PIT, PIT NO, PIT TYPE.	FOK / RF FACE OF KERB / REVERSE FALL
TELECOMM, PIT, PILLAR	TREE	FOOTPATH GRATED PIT	TRAV / O/S TRAVERSE / OFFSET
U/G ELECTRICITY CONDUIT, SERVICE BOX	ELECTRICITY SUPPLY POLE		LOK / WL LIP OF KERB / WING LINE
OVERHEAD ELECTRICITY CABLES, POLE	E.S.P. WITH LIGHT		CH CHAINAGE
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UNDERGROUND DRAIN, SIZE, PIT	EXISTING HOUSE DRAIN		TBM TEMPORARY BENCH MARK
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0434 192 163

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Survey Date: December 2023
Designed By: AME
Design File: Mt Gisborne Rd
Design Date: November 2023
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Check Date: October 2024
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MT GISBORNE ROAD - GISBORNE
ROAD REHABILITATION
BETWEEN 239 to 359 MT GISBORNE ROAD
DETAIL PLAN

Approved by:
Signature:
Date .... / .... / ....
Design Coordinator - City Improvement

Macedon Ranges Shire Council

Level Datum: A.H.D
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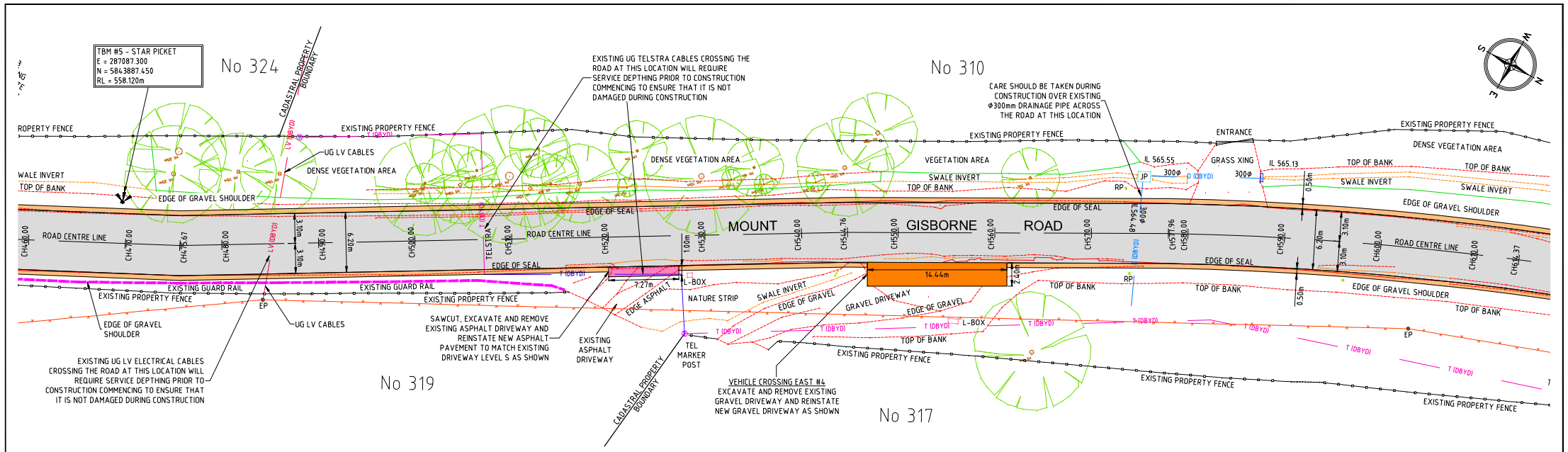
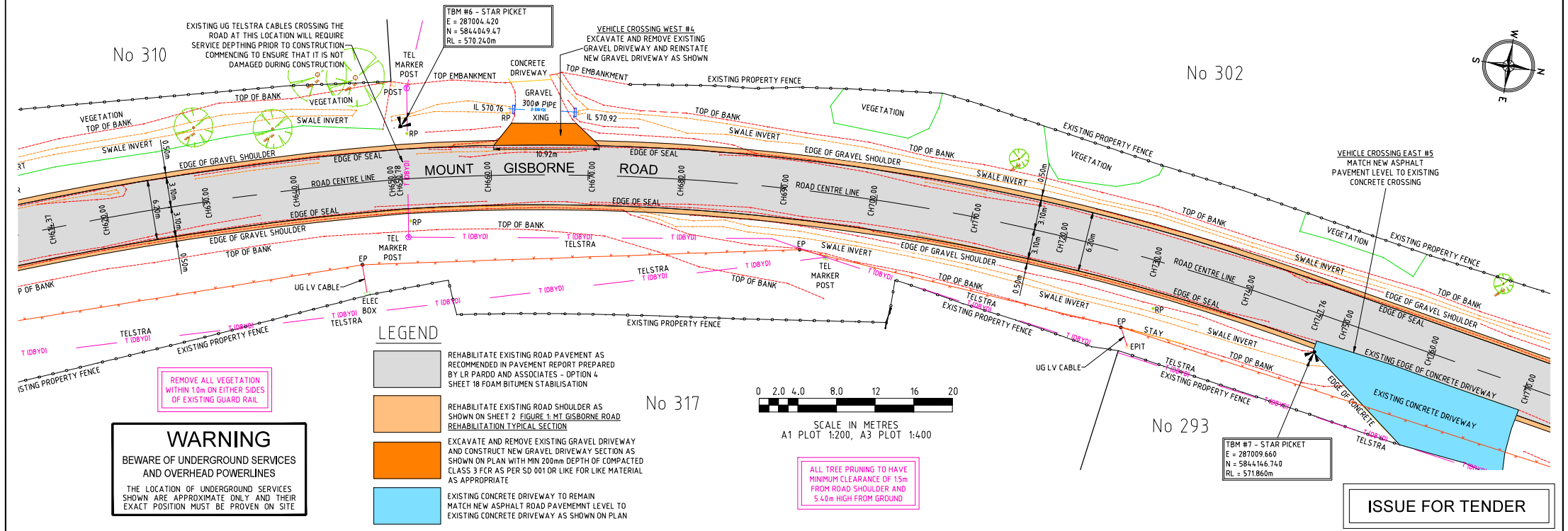
HORIZONTAL: A.H.D
SHEET 5 of 56
DRAWING No. MRSC-521
REV: C





REMOVE ALL VEGETATION WITHIN 1.0m ON EITHER SIDES OF EXISTING GUARD RAIL

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0 2.0 4.0 8.0 12 16 20

SCALE IN METRES
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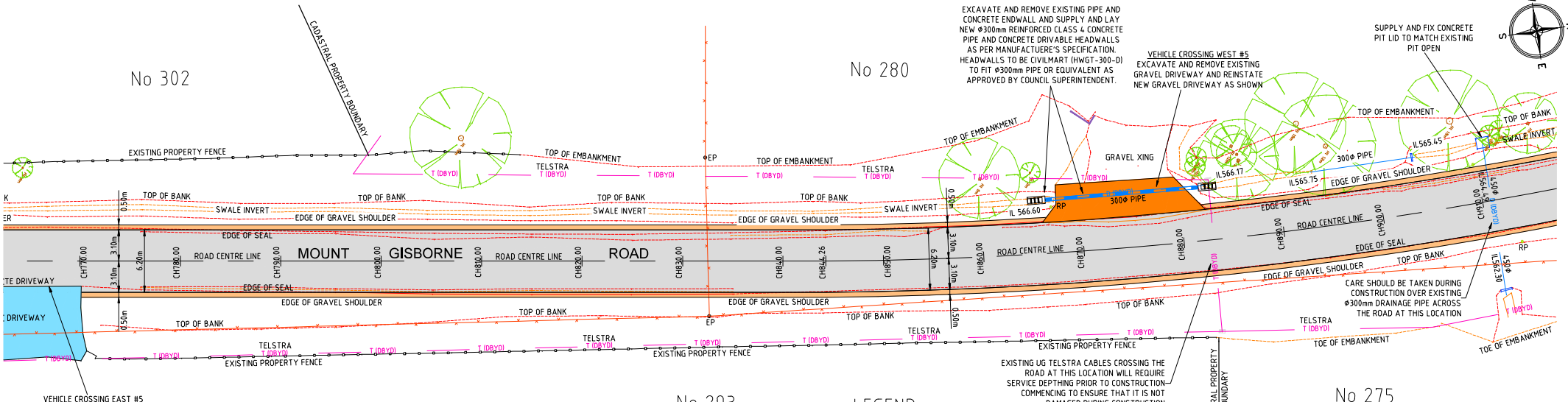

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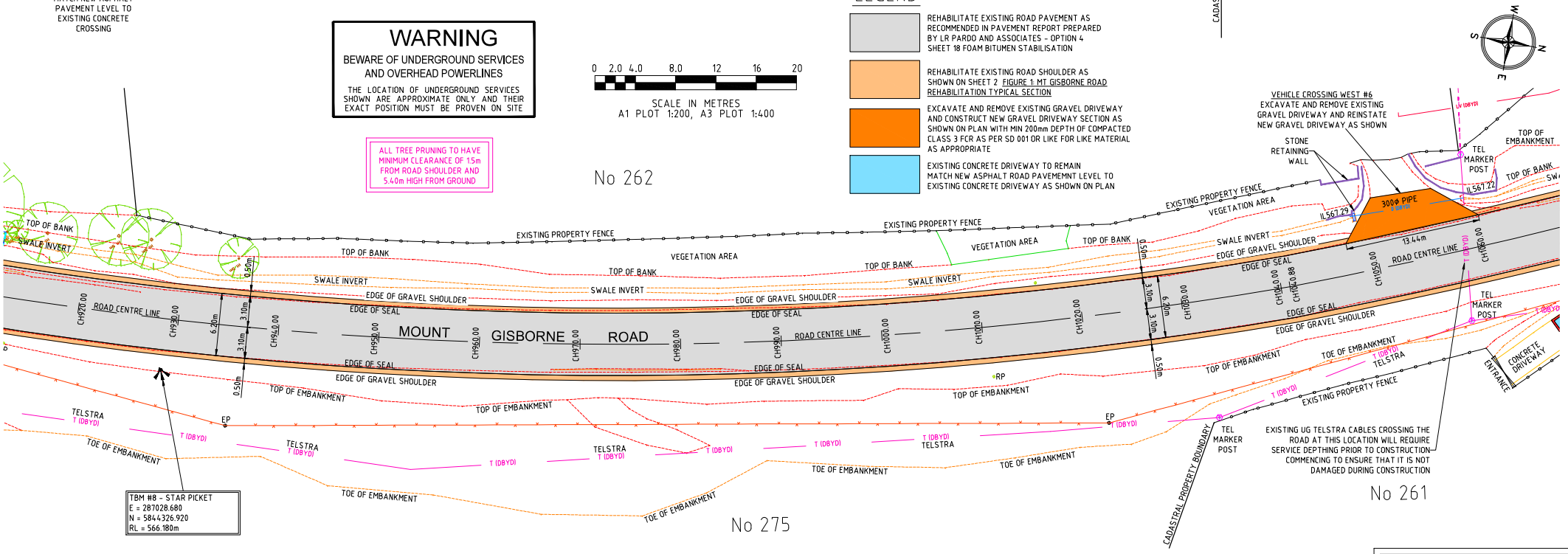

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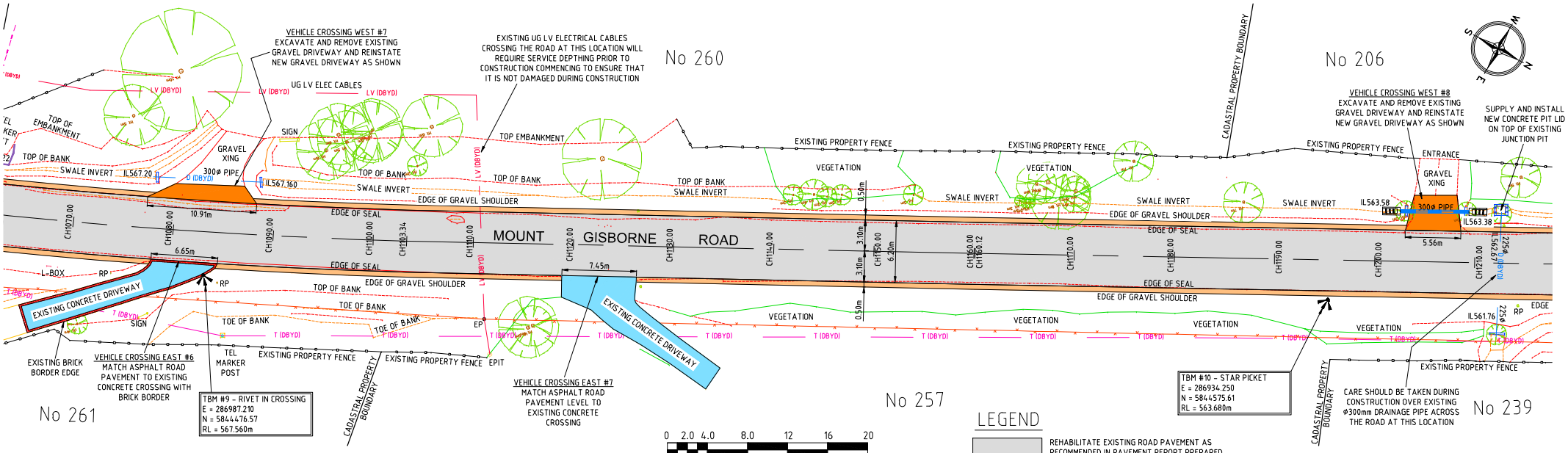

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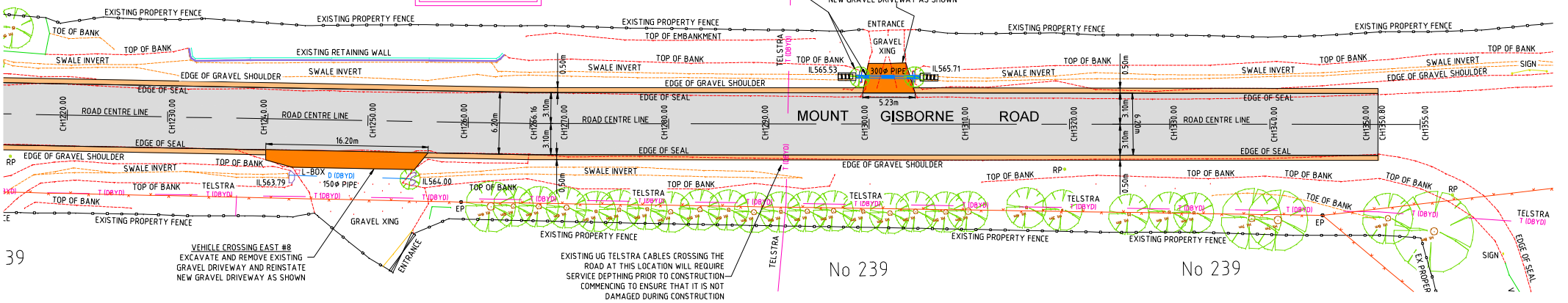

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