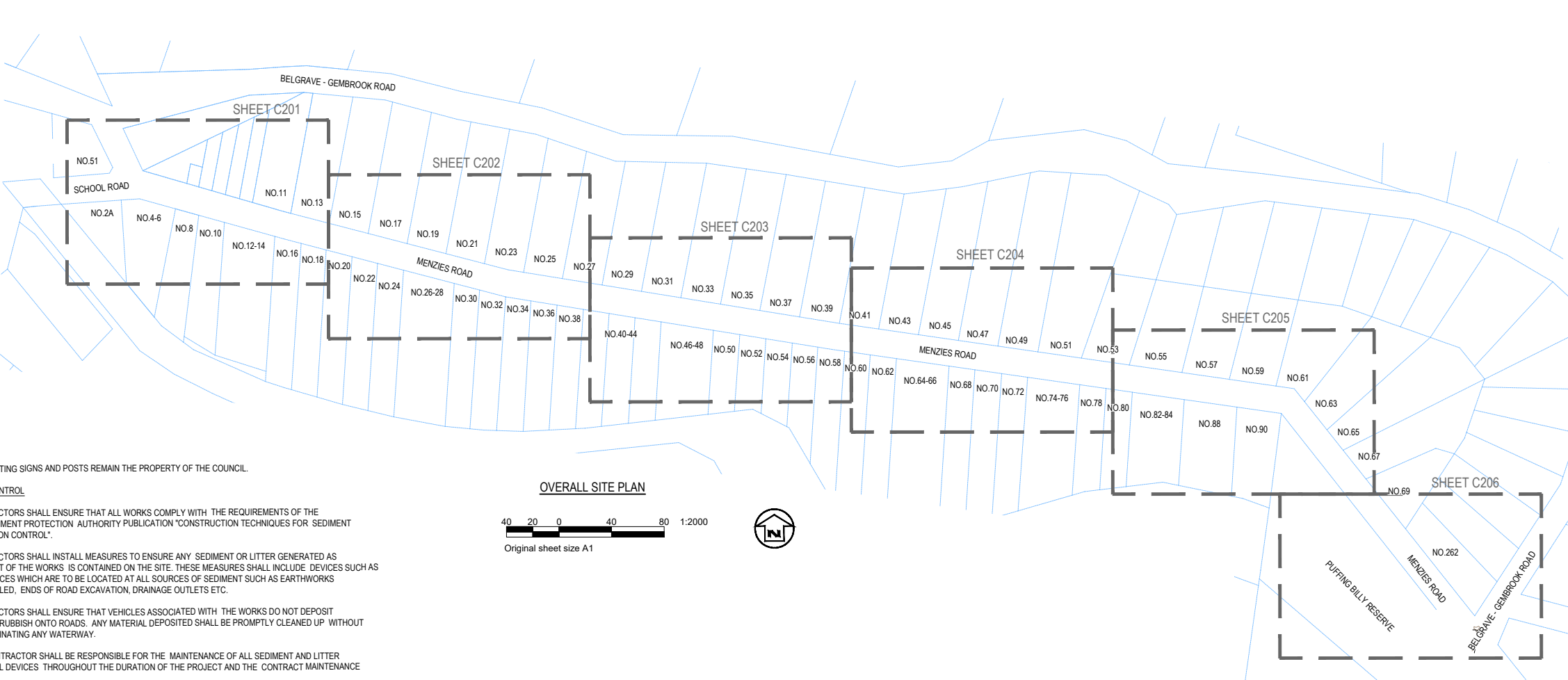
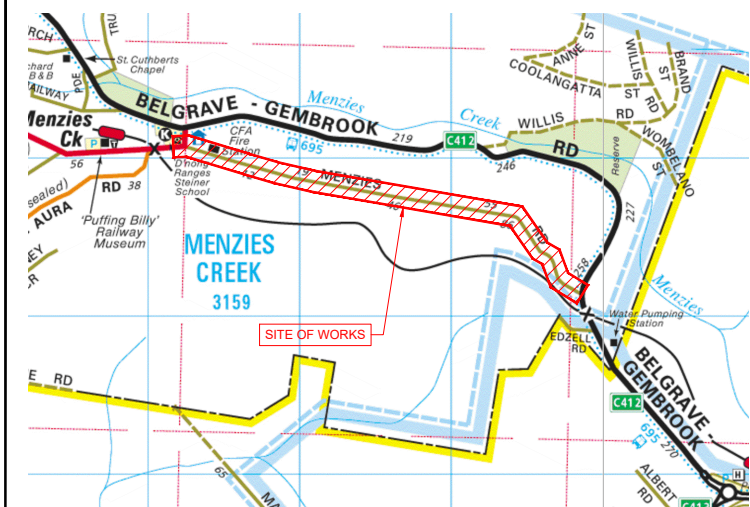


MENZIES ROAD, MENZIES CREEK - ROAD RECONSTRUCTION AND ASSOCIATED WORKS



GENERAL

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH YARRA RANGES COUNCIL STANDARD DRAWINGS.
- THE LOCATION OF ALL EXISTING SERVICES IS BASED ON INFORMATION SUPPLIED BY THE RELEVANT AUTHORITIES AND IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL SERVICES BEFORE COMMENCING EXCAVATION AND PROTECT THE SAME FOR THE DURATION OF THE WORKS.
- 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.
- ON COMPLETION OF CONSTRUCTION ALL WORK AREAS ARE TO BE CLEANED UP & REINSTATED TO THE SATISFACTION OF THE COUNCIL'S SUPERVISING ENGINEER.
- ALL LEVELS ARE IN METRES TO AUSTRALIAN HEIGHT DATUM (m).

PAVEMENT

- ROAD CROSSFALL TO BE 1 IN 36 FALLING TOWARDS TABLE DRAIN OR KERB AND CHANNEL UNLESS SPECIFIED OTHERWISE.
- AT NEW FILL AREAS THE TOPSOIL SHALL BE STRIPPED AND FILLING MATERIAL PLACED IN 150M THICK LAYER AND COMPACTED TO 95% A.A.S.H.O. COMPACTION TEST, THE TOPSOIL IS THEN RESPREAD 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.

ROADSIDE

- 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 DRIVEWAYS WITH 50MM COMPACTED DEPTH OF 3% CEMENT TREATED CRUSHED ROCK UNLESS SPECIFIED OTHERWISE.
- ASPHALT DRIVEWAYS WITH 50MM COMPACTED DEPTH 10MM NOMINAL SIZE ASPHALT ON A BASE OF 100MM COMPACTED DEPTH CLASS 2 FINE CRUSHED ROCK.
- 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.
- 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.
- CUT AND FILL BATTERS ARE TO BE GRADED AT A MAXIMUM OF 1 IN 4 UNLESS SPECIFIED OTHERWISE OR APPROVED BY THE COUNCIL'S SUPERVISING ENGINEER.
- FOOTPATH LEVELS TO MATCH EXISTING SERVICE AUTHORITY PIT LEVELS UNLESS OTHERWISE NOTED.

DRAINAGE

- ALL DRAINAGE PIPES TO BE POLYPROPYLENE BLACKMAX R.R.J SPIGOT AND SOCKET, EXCEPT FOR ROAD CROSSING PIPES WHICH ARE TO BE MINIMUM CLASS 4 REINFORCED CONCRETE PIPE R.R.J SPIGOT AND SOCKET, UNLESS OTHERWISE SPECIFIED.
- 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.
- DRAINAGE PITS GREATER THAN 1.0M IN DEPTH TO BE PROVIDED WITH STEP IRONS AT 300MM CENTRES VERTICALLY.
- AG. 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.
- ALL DRAINAGE PIPES TO BE LAID TRUE TO LINE AND GRADE ON 50mm F.C.R. BEDDING

VEGETATION

- 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.
- ANY WORK CONSTRUCTED WITHIN TREE PROTECTION ZONES MUST BE PERFORMED IN THE PRESENCE OF A QUALIFIED ARBORIST, DOCUMENTED, SIGNED OFF AND SUBMITTED TO COUNCIL'S ENVIRONMENTAL PLANNERS.

ANCILLARY

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

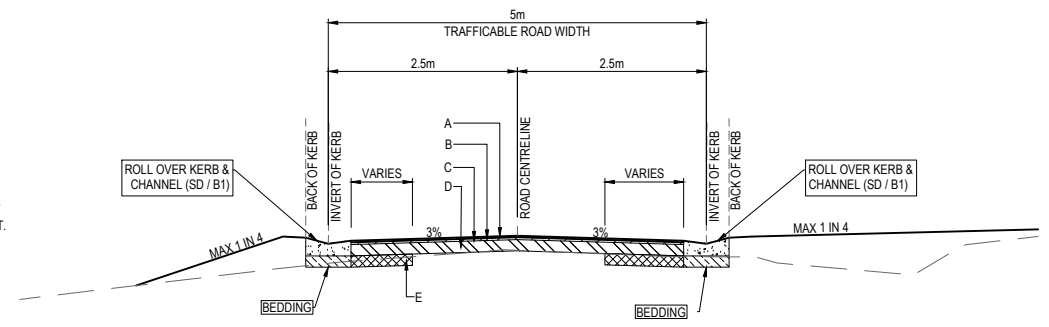
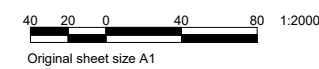
SEDIMENT CONTROL

- CONTRACTORS SHALL ENSURE THAT ALL WORKS COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL".
- CONTRACTORS SHALL INSTALL MEASURES TO ENSURE ANY SEDIMENT OR LITTER GENERATED AS A RESULT OF THE WORKS IS CONTAINED ON THE SITE. THESE MEASURES SHALL INCLUDE DEVICES SUCH AS SILT FENCES WHICH ARE TO BE LOCATED AT ALL SOURCES OF SEDIMENT SUCH AS EARTHWORKS STOCKPILED, ENDS OF ROAD EXCAVATION, DRAINAGE OUTLETS ETC.
- CONTRACTORS SHALL ENSURE THAT VEHICLES ASSOCIATED WITH THE WORKS DO NOT DEPOSIT DIRT OR RUBBISH ONTO ROADS. ANY MATERIAL DEPOSITED SHALL BE PROMPTLY CLEANED UP WITHOUT CONTAMINATING ANY WATERWAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL SEDIMENT AND LITTER CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT AND THE CONTRACT MAINTENANCE PERIOD.
- DURING THE CONSTRUCTION OF THE DEVELOPMENT, METHODS TO CONTROL SEDIMENT LADEN RUNOFF AS DESCRIBED UNDER 'BEST PRACTICE ENVIRONMENTAL MANAGEMENT GUIDELINES FOR URBAN STORMWATER' OR SIMILAR MUST BE IMPLEMENTED AND USED TO MINIMISE SEDIMENT LADEN RUNOFF AND STORMWATER POLLUTION FROM LEAVING THE LAND TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY

OCCUPATIONAL HEALTH AND SAFETY

- IN THE DESIGN AND DEVELOPMENT OF THESE PLANS, JCA LAND CONSULTANTS HAVE, AS FAR AS REASONABLY PRACTICABLE, COMPLIED WITH THOSE REQUIREMENTS OF "DESIGNERS" AS PER THE OHS ACT 2004 AND OHS REGULATIONS 2007.
- JCA LAND CONSULTANTS, FOR THE PURPOSES OF THE OHS ACT 2004 AND OHS REGULATIONS 2007, ARE NOT IN ANY WAY DEEMED THE PRINCIPAL CONTRACTOR, OWNER OR EMPLOYER WITH RESPECT TO THIS PROJECT.
- ALL OHS CONSTRUCTION COMPLIANCE REQUIREMENTS IN THE EXECUTION OF THESE PLANS ARE THE SOLE RESPONSIBILITY OF THE NOMINATED AND AUTHORISED ENTITY AS PER:
  - SECTION 21 & 22 OF THE OHS ACT 2004
  - PART 5 'CONSTRUCTION' AND OTHER RELEVANT SECTIONS OF THE OHS REGULATIONS 2007

OVERALL SITE PLAN



TYPICAL CROSS SECTION - 5.0m WIDE FULL URBAN STANDARD PAVEMENT  
NOT TO SCALE

| DRAWING INDEX |                                                           |              |             |
|---------------|-----------------------------------------------------------|--------------|-------------|
| SHEET I.D     | TITLE                                                     | CAD FILE     | VERSION NO. |
| C101          | OVERALL PLAN, TYPICAL SECTION, SHEET INDEX AND NOTES      | 26273_C1.dwg | 05          |
| C102          | PAVEMENT DETAILS AND TYPICAL DETAILS                      | 26273_C1.dwg | 05          |
| C201          | PRELIMINARY PLAN CH0.00 TO CH170.00                       | 26273_C2.dwg | 05          |
| C202          | PRELIMINARY PLAN CH170.00 TO CH380.00                     | 26273_C2.dwg | 05          |
| C203          | PRELIMINARY PLAN CH380.00 TO CH570.00                     | 26273_C2.dwg | 05          |
| C204          | PRELIMINARY PLAN CH580.00 TO CH780.00                     | 26273_C2.dwg | 05          |
| C205          | PRELIMINARY PLAN CH780.00 TO CH1000.00                    | 26273_C2.dwg | 05          |
| C206          | PRELIMINARY PLAN CH1000.00 TO CH1140.00                   | 26273_C2.dwg | 05          |
| C301          | ROAD CENTRELINE LONGITUDINAL SECTION SHEET 1              | 26273_C3.dwg | 05          |
| C302          | ROAD CENTRELINE LONGITUDINAL SECTION SHEET 2              | 26273_C3.dwg | 05          |
| C401          | ROAD CENTRELINE CROSS SECTIONS SHEET 1                    | 26273_C4.dwg | 05          |
| C402          | ROAD CENTRELINE CROSS SECTIONS SHEET 2                    | 26273_C4.dwg | 05          |
| C403          | ROAD CENTRELINE CROSS SECTIONS SHEET 3                    | 26273_C4.dwg | 05          |
| C404          | ROAD CENTRELINE CROSS SECTIONS SHEET 4                    | 26273_C4.dwg | 05          |
| C405          | ROAD CENTRELINE CROSS SECTIONS SHEET 5                    | 26273_C4.dwg | 05          |
| C406          | ROAD CENTRELINE CROSS SECTIONS SHEET 6                    | 26273_C4.dwg | 05          |
| C407          | ROAD CENTRELINE CROSS SECTIONS SHEET 7                    | 26273_C4.dwg | 05          |
| C408          | ROAD CENTRELINE CROSS SECTIONS SHEET 8                    | 26273_C4.dwg | 05          |
| C409          | ROAD CENTRELINE CROSS SECTIONS SHEET 9                    | 26273_C4.dwg | 05          |
| C410          | ROAD CENTRELINE CROSS SECTIONS SHEET 10                   | 26273_C4.dwg | 05          |
| C501          | MENZIES ROAD, SCHOOL ROAD INTERSECTION DETAIL             | 26273_C5.dwg | 01          |
| C502          | SLOW POINT 1 KERB SETOUT DETAIL                           | 26273_C5.dwg | 01          |
| C503          | SLOW POINT 2 KERB SETOUT DETAIL                           | 26273_C5.dwg | 01          |
| C504          | SLOW POINT 4 KERB SETOUT DETAIL                           | 26273_C5.dwg | 01          |
| C505          | BELGRAVE-GEMBROOK ROAD + MENZIES ROAD INTERSECTION DETAIL | 26273_C5.dwg | 01          |
| C601          | DRAINAGE LONGITUDINAL SECTIONS                            | 26273_C6.dwg | 01          |
| C602          | DRAINAGE LONGITUDINAL SECTIONS                            | 26273_C6.dwg | 01          |

| TEMPORARY BENCHMARK SETOUT |             |              |           |
|----------------------------|-------------|--------------|-----------|
| TBM I.D                    | EASTING     | NORTHING     | R.L (AHD) |
| TBM 1 (RIVET IN KERB)      | 359981.4660 | 5801738.4690 | 303.41    |
| PM 204                     | 359998.6350 | 5801722.7800 | 304.60    |
| TBM 2 (RIVET IN CONCRETE)  | 360035.8080 | 5801728.1800 | 305.86    |
| TBM 3 (RIVET ON SEWER PIT) | 360476.4670 | 5801629.4030 | 318.20    |
| TBM 4 (RIVET ON SEWER PIT) | 360606.2550 | 5801605.6260 | 321.46    |
| TBM 5 (NAIL IN STUMP)      | 360691.2630 | 5801585.7300 | 320.23    |

**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| <table><tr><th>DATE</th><th>REVISION</th><th>AUTHORISED</th><th>VER.</th><th>PLAN STATUS:</th></tr><tr><td>20.07.20</td><td>PRELIMINARY DESIGN</td><td>AG</td><td>00</td><td rowspan="6">DETAIL (NOT FOR CONSTRUCTION)</td></tr><tr><td>10.12.20</td><td>PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS</td><td>AG</td><td>01</td></tr><tr><td>17.02.21</td><td>PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS</td><td>AG</td><td>02</td></tr><tr><td>23.06.21</td><td>PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS</td><td>AG</td><td>03</td></tr><tr><td>26.11.21</td><td>DETAIL DESIGN</td><td>AG</td><td>04</td></tr><tr><td>15.12.21</td><td>TENDER ISSUE</td><td>AG</td><td>05</td></tr></table> | DATE                                                                                                              | REVISION                                                                                                                                                                                                                                                                                         | AUTHORISED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | VER.                          | PLAN STATUS:          | 20.07.20                                                                              | PRELIMINARY DESIGN | AG                         | 00                           | DETAIL (NOT FOR CONSTRUCTION) | 10.12.20         | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS | AG | 01                      | 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS | AG | 02 | 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG | 03 | 26.11.21 | DETAIL DESIGN | AG | 04 | 15.12.21 | TENDER ISSUE | AG | 05 | <table><tr><td><b>WARNING</b><br/>BEWARE - UNDERGROUND SERVICES<br/>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</td><td><br/>The Essential First Step</td><td><br/>THE SUBDIVISION SPECIALISTS<br/>Surveying - Engineering - Town Planning<br/>Suite 6, 303 Marcondah Highway<br/>Ringwood Victoria, Australia 3134<br/>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</td><td><table><tr><td>SCALES:<br/>AS SHOWN AT A1</td><td rowspan="5">LEVEL DATUM<br/>A.H.D.</td><td rowspan="5"></td></tr><tr><td>SURVEY BY: JCA</td></tr><tr><td>PLAN BY: B.SKIPWORTH (JCA)</td></tr><tr><td>CHECKED BY: A.GOULDING (JCA)</td></tr><tr><td>PROJECT ENGINEER: G.MCCARTHY</td></tr><tr><td>DATE: 20/07/2020</td><td rowspan="5">COORDINATE DATUM<br/>MGA</td><td rowspan="5"></td></tr><tr><td>CAD FILE: 262736-C1.dwg</td></tr></table></td></tr></table> | <b>WARNING</b><br>BEWARE - UNDERGROUND SERVICES<br>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. 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| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REVISION                                                                                                          | AUTHORISED                                                                                                                                                                                                                                                                                       | VER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PLAN STATUS:                  |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |                         |          |                                                            |    |    |          |                                                              |    |    |          |               |    |    |          |              |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 20.07.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRELIMINARY DESIGN                                                                                                | AG                                                                                                                                                                                                                                                                                               | 00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DETAIL (NOT FOR CONSTRUCTION) |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |                         |          |                                                            |    |    |          |                                                              |    |    |          |               |    |    |          |              |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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| 10.12.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS                                                          | AG                                                                                                                                                                                                                                                                                               | 01                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| 17.02.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS                                                        | AG                                                                                                                                                                                                                                                                                               | 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| 23.06.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS                                                      | AG                                                                                                                                                                                                                                                                                               | 03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| 26.11.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DETAIL DESIGN                                                                                                     | AG                                                                                                                                                                                                                                                                                               | 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| 15.12.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TENDER ISSUE                                                                                                      | AG                                                                                                                                                                                                                                                                                               | 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| <b>WARNING</b><br>BEWARE - UNDERGROUND SERVICES<br>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.                                                                                                                                                                                                                                                                                                                                                            | <br>The Essential First Step | <br>THE SUBDIVISION SPECIALISTS<br>Surveying - Engineering - Town Planning<br>Suite 6, 303 Marcondah Highway<br>Ringwood Victoria, Australia 3134<br>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au | <table><tr><td>SCALES:<br/>AS SHOWN AT A1</td><td rowspan="5">LEVEL DATUM<br/>A.H.D.</td><td rowspan="5"></td></tr><tr><td>SURVEY BY: JCA</td></tr><tr><td>PLAN BY: B.SKIPWORTH (JCA)</td></tr><tr><td>CHECKED BY: A.GOULDING (JCA)</td></tr><tr><td>PROJECT ENGINEER: G.MCCARTHY</td></tr><tr><td>DATE: 20/07/2020</td><td rowspan="5">COORDINATE DATUM<br/>MGA</td><td rowspan="5"></td></tr><tr><td>CAD FILE: 262736-C1.dwg</td></tr></table> | SCALES:<br>AS SHOWN AT A1     | LEVEL DATUM<br>A.H.D. |  | SURVEY BY: JCA     | PLAN BY: B.SKIPWORTH (JCA) | CHECKED BY: A.GOULDING (JCA) | PROJECT ENGINEER: G.MCCARTHY  | DATE: 20/07/2020 | COORDINATE DATUM<br>MGA                                  |    | CAD FILE: 262736-C1.dwg |          |                                                            |    |    |          |                                                              |    |    |          |               |    |    |          |              |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                        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| SCALES:<br>AS SHOWN AT A1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LEVEL DATUM<br>A.H.D.                                                                                             |                                                                                                                                                                     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| SURVEY BY: JCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                   |                                                                                                                                                                     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| PLAN BY: B.SKIPWORTH (JCA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                   |                                                                                                                                                                     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| CHECKED BY: A.GOULDING (JCA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                   |                                                                                                                                                                     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| PROJECT ENGINEER: G.MCCARTHY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                   |                                                                                                                                                                     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| DATE: 20/07/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COORDINATE DATUM<br>MGA                                                                                           |                                                                                                                                                                     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| CAD FILE: 262736-C1.dwg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                   |                                                                                                                                                                     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| YARRA RANGES COUNCIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   |                                                                                                                                                                     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| ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                   |                                                                                                                                                                     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| OVERALL PLAN, TYPICAL SECTION, SHEET INDEX AND NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                   |                                                                                                                                                                     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| CHECKED BY<br>XXXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SHEET NO.<br>C101                                                                                                 | VERSION<br>05                                                                                                                                                       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| APPROVED<br>XXXX<br>MANAGER - INFRASTRUCTURE SERVICES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DRAWING NO.<br>2022 - 002                                                                                         |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                               |                       |                                                                                       |                    |                            |                              |                               |                  |                                                          |    |               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| FLEXIBLE ASPHALT PAVEMENT - MENZIES ROAD |                             |                      |                                                                              |
|------------------------------------------|-----------------------------|----------------------|------------------------------------------------------------------------------|
| PAVEMENT LAYER                           |                             | LAYER THICKNESS (mm) | MATERIAL                                                                     |
| A                                        | ASPHALT WEARING COURSE      | 30                   | 30mm COMPACTED DEPTH OF 10mm NOMINAL SIZE TYPE 'H' ASPHALT CLASS C170 BINDER |
| B                                        | ASPHALT WEARING COURSE      | 40                   | 40mm COMPACTED DEPTH OF 14mm NOMINAL SIZE TYPE 'H' ASPHALT CLASS C170 BINDER |
| C                                        | SEAL                        | -                    | PRIME OR PRIMER SEAL                                                         |
| D                                        | BASE*                       | 130                  | 130mm DEPTH OF 20mm NOMINAL SIZE CLASS 2 F.C.R COMPACTED TO 98% Mod MDD      |
| E                                        | PAVEMENT WIDENING SUBBASE** | 150                  | 150mm (MINIMUM) COMPACTED DEPTH OF 3% CEMENT TREATED CRUSHED ROCK            |
| F                                        | SUBGRADE                    | -                    | MATERIAL AS FOUND COMPACTED TO 95% STD MDD                                   |
| TOTAL DEPTH (mm)                         |                             | 200 (+150)           |                                                                              |

\*\*PLEASE NOTE\*\*

\* CLASS 2 F.C.R TO BE UTILISED AS REGULATION WHERE NECESSARY TO BRING BASE TO DESIGN LEVELS

\*\* PAVEMENT WIDENING SUBBASE TO BE USED IN AREAS WHERE EXISTING PAVEMENT IS NOT PRESENT, REFER TO PLAN AND ASSOCIATED CROSS SECTIONS.

ASPHALT PAVEMENT COMPOSITION AS DIRECTED BY YARRA RANGES COUNCIL

| ASPHALT PAVEMENT - MENZIES ROAD X BELGRAVE GEMBROOK ROAD |                           |                      |                                                             |
|----------------------------------------------------------|---------------------------|----------------------|-------------------------------------------------------------|
| PAVEMENT LAYER                                           |                           | LAYER THICKNESS (mm) | MATERIAL                                                    |
| A                                                        | ASPHALT WEARING COURSE    | 40                   | 40mm COMPACTED DEPTH OF 10mm NOMINAL SIZE TYPE 'HG'         |
| B                                                        | ASPHALT STRUCTURAL COURSE | 75                   | 75mm COMPACTED DEPTH OF 20mm NOMINAL SIZE TYPE 'SI' ASPHALT |
| C                                                        | ASPHALT STRUCTURAL COURSE | 75                   | 75mm COMPACTED DEPTH OF 20mm NOMINAL SIZE TYPE 'SI' ASPHALT |
| F                                                        | SUBGRADE                  | -                    | MATERIAL AS FOUND COMPACTED TO 95% STD MDD                  |
| TOTAL DEPTH (mm)                                         |                           | 190                  |                                                             |

\*\*PLEASE NOTE\*\*

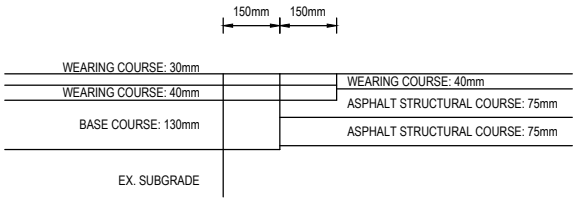
ASPHALT PAVEMENT COMPOSITION AS DIRECTED BY YARRA RANGES COUNCIL

| ASPHALT PAVEMENT - MENZIES ROAD X SCHOOL ROAD INTERSECTION |                             |                      |                                                                   |
|------------------------------------------------------------|-----------------------------|----------------------|-------------------------------------------------------------------|
| PAVEMENT LAYER                                             |                             | LAYER THICKNESS (mm) | MATERIAL                                                          |
| A                                                          | ASPHALT WEARING COURSE      | 40                   | 40mm COMPACTED DEPTH OF 10mm NOMINAL SIZE TYPE 'HG'               |
| C                                                          | SEAL                        | -                    | PRIME OR PRIMER SEAL                                              |
| E                                                          | PAVEMENT WIDENING SUBBASE** | 150                  | 150mm (MINIMUM) COMPACTED DEPTH OF 3% CEMENT TREATED CRUSHED ROCK |
| F                                                          | SUBGRADE                    | -                    | MATERIAL AS FOUND COMPACTED TO 95% STD MDD                        |
| TOTAL DEPTH (mm)                                           |                             | 40 (+150)            |                                                                   |

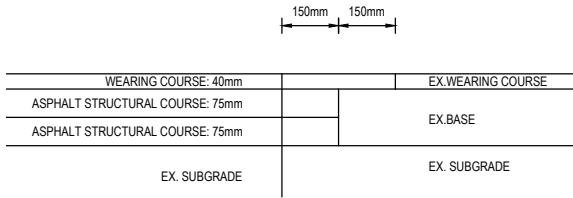
\*\*PLEASE NOTE\*\*

\*\* PAVEMENT WIDENING SUBBASE TO BE USED IN AREAS WHERE EXISTING PAVEMENT IS NOT PRESENT, REFER TO PLAN AND ASSOCIATED CROSS SECTIONS.

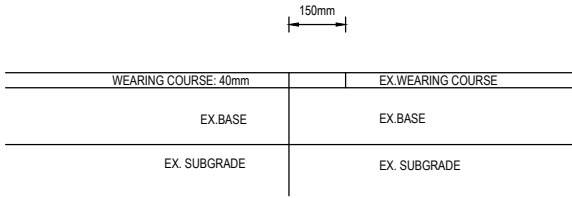
ASPHALT PAVEMENT COMPOSITION AS DIRECTED BY YARRA RANGES COUNCIL



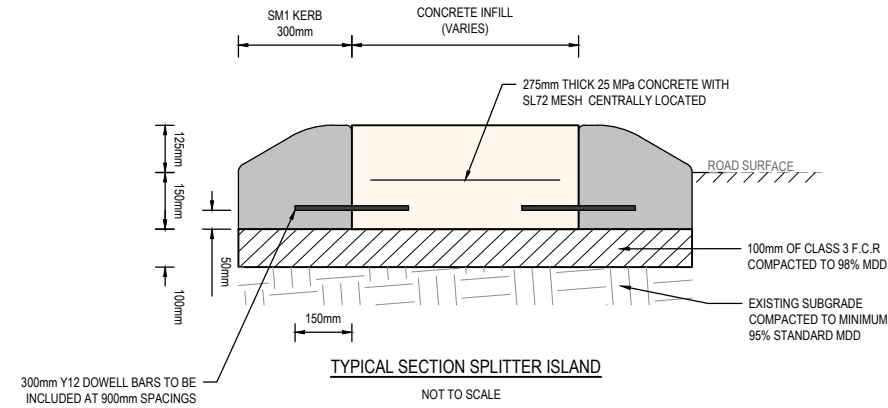
TYPICAL PAVEMENT KEYING INTERACTION -  
MENZIES ROAD + BELGRAVE GEMBROOK ROAD APPROACH  
NOT TO SCALE



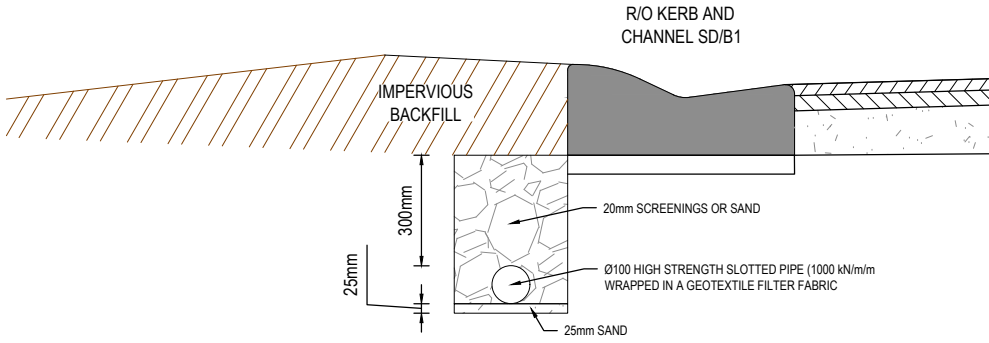
TYPICAL PAVEMENT KEYING INTERACTION -  
MENZIES ROAD + BELGRAVE GEMBROOK ROAD APRON  
NOT TO SCALE



TYPICAL PAVEMENT KEYING INTERACTION -  
MENZIES ROAD + SCHOOL ROAD INTERSECTION  
NOT TO SCALE



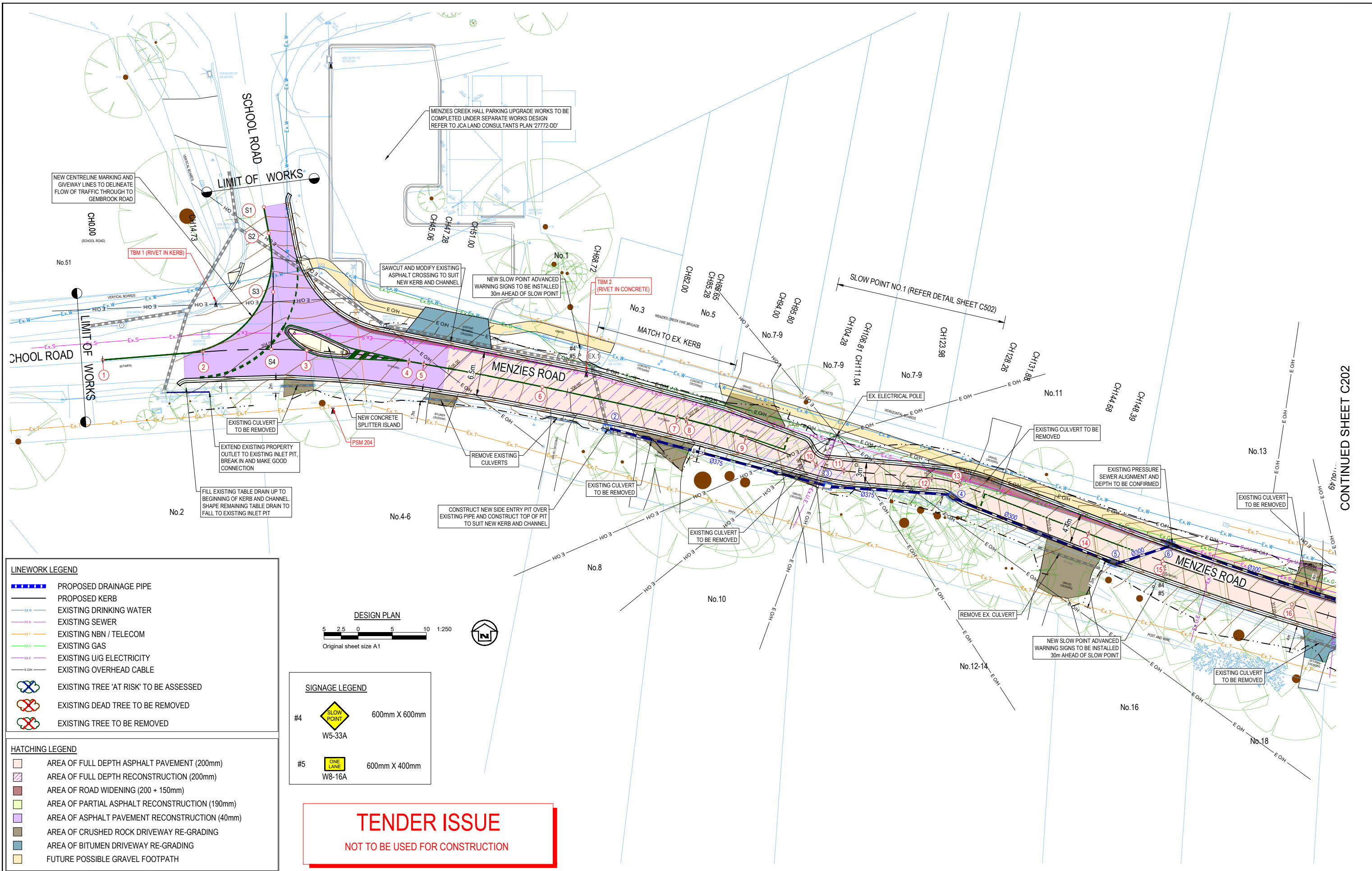
TYPICAL SECTION SPLITTER ISLAND  
NOT TO SCALE



TYPICAL SUB SURFACE DRAIN ARRANGEMENT  
NOT TO SCALE

**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| DATE     |  |  |  | REVISION                                                     | AUTHORISED | VER. | PLAN STATUS: | DETAIL (NOT FOR CONSTRUCTION) | SCALES: | AS SHOWN AT A1 | LEVEL<br>DATUM<br>A.H.D. |  | COORDINATE<br>DATUM<br>MGA | YARRA RANGES COUNCIL | ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK | CHECKED BY<br><br>XXXX | SHEET NO.<br><br>C102 | VERSION<br><br>05 |
|----------|--|--|--|--------------------------------------------------------------|------------|------|--------------|-------------------------------|---------|----------------|--------------------------|---------------------------------------------------------------------------------------|----------------------------|----------------------|-----------------------------------------------------|------------------------|-----------------------|-------------------|
| 20.07.20 |  |  |  | PRELIMINARY DESIGN                                           | AG         | 00   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
| 10.12.20 |  |  |  | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
| 17.02.21 |  |  |  | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
| 23.06.21 |  |  |  | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
| 26.11.21 |  |  |  | DETAIL DESIGN                                                | AG         | 04   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
| 15.12.21 |  |  |  | TENDER ISSUE                                                 | AG         | 05   |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
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|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |
|          |  |  |  |                                                              |            |      |              |                               |         |                |                          |                                                                                       |                            |                      |                                                     |                        |                       |                   |



**LINEWORK LEGEND**

- PROPOSED DRAINAGE PIPE
- PROPOSED KERB
- EXISTING DRINKING WATER
- EXISTING SEWER
- EXISTING NBN / TELECOM
- EXISTING GAS
- EXISTING U/G ELECTRICITY
- EXISTING OVERHEAD CABLE
- EXISTING TREE 'AT RISK' TO BE ASSESSED
- EXISTING DEAD TREE TO BE REMOVED
- EXISTING TREE TO BE REMOVED

**HATCHING LEGEND**

- AREA OF FULL DEPTH ASPHALT PAVEMENT (200mm)
- AREA OF FULL DEPTH RECONSTRUCTION (200mm)
- AREA OF ROAD WIDENING (200 + 150mm)
- AREA OF PARTIAL ASPHALT RECONSTRUCTION (190mm)
- AREA OF ASPHALT PAVEMENT RECONSTRUCTION (40mm)
- AREA OF CRUSHED ROCK DRIVEWAY RE-GRADING
- AREA OF BITUMEN DRIVEWAY RE-GRADING
- FUTURE POSSIBLE GRAVEL FOOTPATH

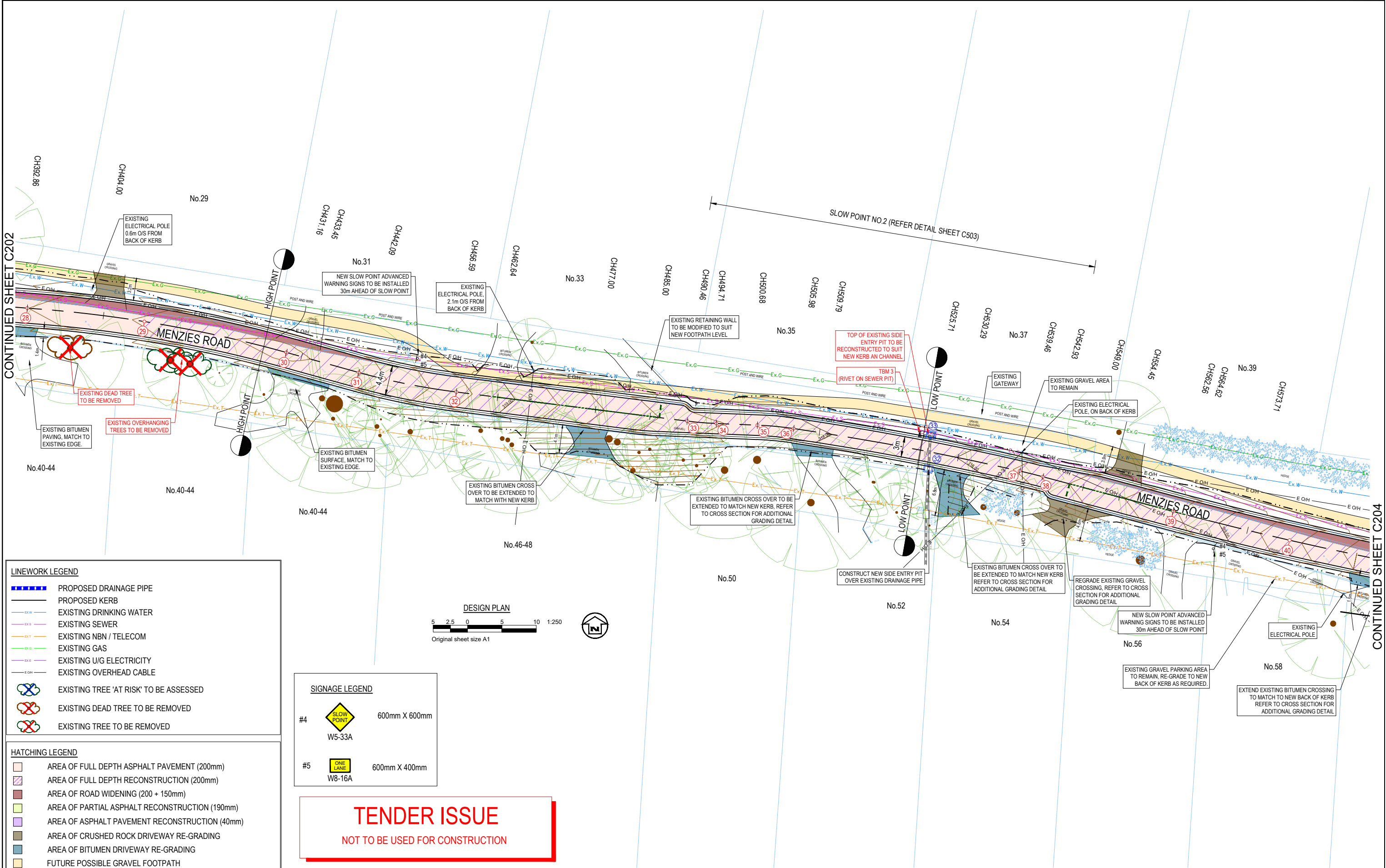
**SIGNAGE LEGEND**

- #4 600mm X 600mm W5-33A
- #5 600mm X 400mm W8-16A

**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| DATE     | REVISION                                                     | AUTHORISED | VER | PLAN STATUS:                  | SCALE:                                              | LEVEL DATUM          | CHECKED BY                        | SHEET NO.   | VERSION |
|----------|--------------------------------------------------------------|------------|-----|-------------------------------|-----------------------------------------------------|----------------------|-----------------------------------|-------------|---------|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00  | TENDER (NOT FOR CONSTRUCTION) | AS SHOWN AT A1                                      | A.H.D.               | XXXX                              | C201        | 05      |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01  |                               | SURVEY BY: JCA                                      |                      | XXXX                              |             |         |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02  |                               | PLAN BY: B.SKIPWORTH (JCA)                          |                      | XXXX                              |             |         |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03  |                               | CHECKED BY: A.GOULDING (JCA)                        |                      | XXXX                              |             |         |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04  |                               | PROJECT ENGINEER: G.McCARTHY                        |                      | XXXX                              |             |         |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05  |                               | DATE: 20/07/2020                                    | COORDINATE DATUM MGA | MANAGER - INFRASTRUCTURE SERVICES | DRAWING NO. |         |
|          |                                                              |            |     |                               | CAD FILE: 262736-C4.dwg                             | YARRA RANGES COUNCIL |                                   |             |         |
|          |                                                              |            |     |                               | ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK |                      |                                   |             |         |
|          |                                                              |            |     |                               | DETAIL PLAN CH0.00 TO CH170.00                      |                      |                                   |             |         |





**LINEWORK LEGEND**

- PROPOSED DRAINAGE PIPE
- PROPOSED KERB
- EXISTING DRINKING WATER
- EXISTING SEWER
- EXISTING NBN / TELECOM
- EXISTING GAS
- EXISTING U/G ELECTRICITY
- EXISTING OVERHEAD CABLE
- EXISTING TREE 'AT RISK' TO BE ASSESSED
- EXISTING DEAD TREE TO BE REMOVED
- EXISTING TREE TO BE REMOVED

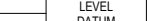
**HATCHING LEGEND**

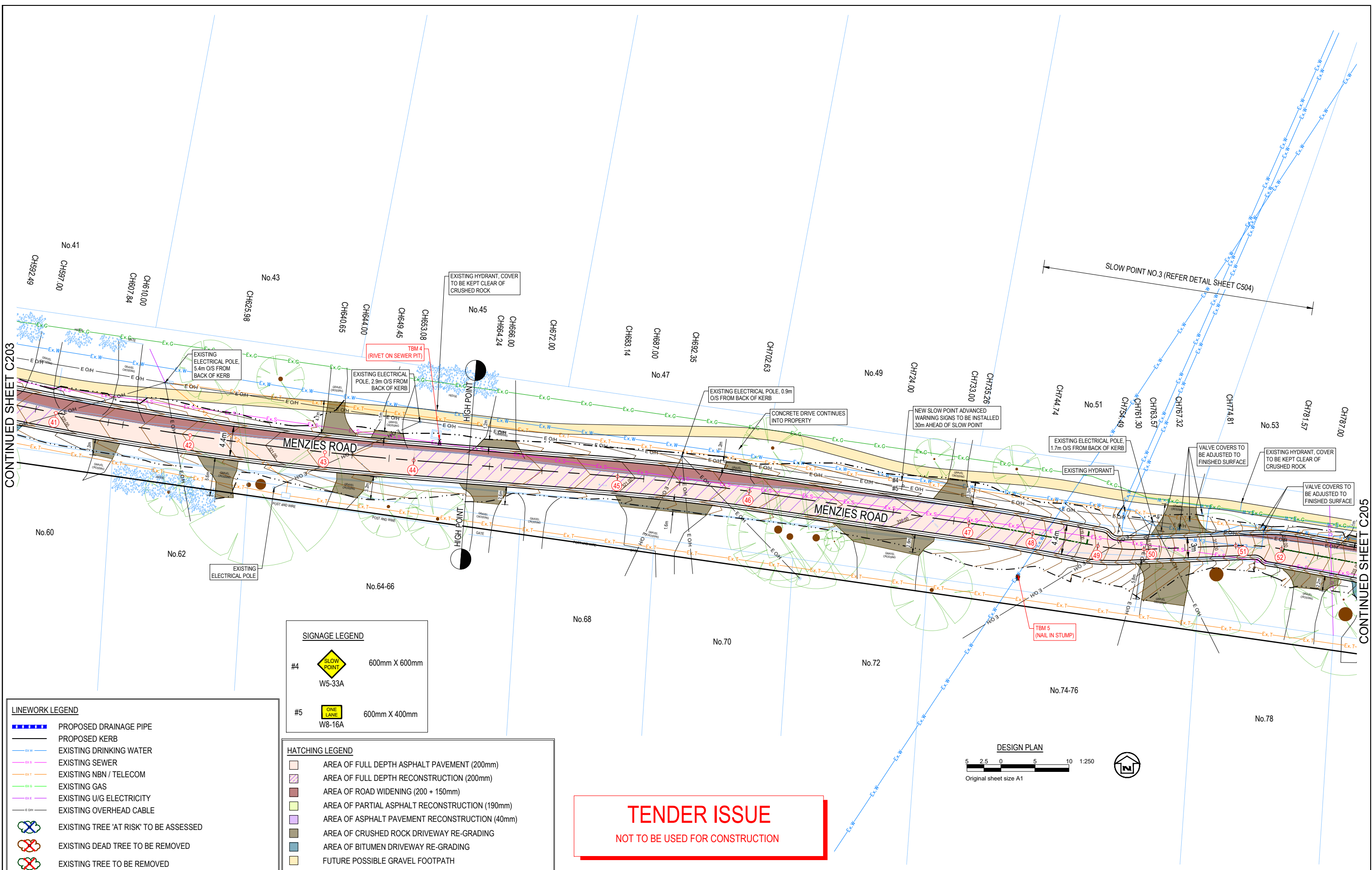
- AREA OF FULL DEPTH ASPHALT PAVEMENT (200mm)
- AREA OF FULL DEPTH RECONSTRUCTION (200mm)
- AREA OF ROAD WIDENING (200 + 150mm)
- AREA OF PARTIAL ASPHALT RECONSTRUCTION (190mm)
- AREA OF ASPHALT PAVEMENT RECONSTRUCTION (40mm)
- AREA OF CRUSHED ROCK DRIVEWAY RE-GRADING
- AREA OF BITUMEN DRIVEWAY RE-GRADING
- FUTURE POSSIBLE GRAVEL FOOTPATH

**SIGNAGE LEGEND**

- #4 SLOW POINT W5-33A 600mm X 600mm
- #5 ONE LANE W8-16A 600mm X 400mm

**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| DATE     |  | REVISION                                                     | AUTHORISED | VER | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SCALE:                       | YARRA RANGES COUNCIL                                                                                                                                                                         |                     |      |    |            |           |         |
|----------|--|--------------------------------------------------------------|------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------|----|------------|-----------|---------|
| 20.07.20 |  | PRELIMINARY DESIGN                                           | AG         | 00  | <div><div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</div></div><div><div><div>DIAL BEFORE YOU DIG</div><div>www.1100.com.au</div><div>The Essential First Step</div></div><div><div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 6, 303 Marcondah Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</div></div><div>JCA Ref: 26273</div></div></div></div> | AS SHOWN AT A1               | <div><div>LEVEL DATUM</div><div>A.H.D.</div><div>COORDINATE DATUM</div><div>MGA</div></div> <div></div> | ROAD RECONSTRUCTION |      |    | CHECKED BY | SHEET NO. | VERSION |
| 15.12.20 |  | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SURVEY BY: JCA               |                                                                                                                                                                                              | XXXX                | C203 | 05 |            |           |         |
| 17.02.21 |  | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PLAN BY: B.SKIPWORTH (JCA)   |                                                                                                                                                                                              | DRAWING NO.         |      |    |            |           |         |
| 23.06.21 |  | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CHECKED BY: A.GOULDING (JCA) |                                                                                                                                                                                              | 2022 - 002          |      |    |            |           |         |
| 26.11.21 |  | DETAL DESIGN                                                 | AG         | 04  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PROJECT ENGINEER: G.McCARTHY |                                                                                                                                                                                              |                     |      |    |            |           |         |
| 15.12.21 |  | TENDER ISSUE                                                 | AG         | 05  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DATE: 20/07/2020             |                                                                                                                                                                                              |                     |      |    |            |           |         |
|          |  |                                                              |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | CAD FILE: 262736-C4.dwg      | DETAIL PLAN CH380.00 TO CH570.00                                                                                                                                                             |                     |      |    |            |           |         |



**LINEWORK LEGEND**

- PROPOSED DRAINAGE PIPE
- PROPOSED KERB
- EXISTING DRINKING WATER
- EXISTING SEWER
- EXISTING NBN / TELECOM
- EXISTING GAS
- EXISTING U/G ELECTRICITY
- EXISTING OVERHEAD CABLE
- EXISTING TREE 'AT RISK' TO BE ASSESSED
- EXISTING DEAD TREE TO BE REMOVED
- EXISTING TREE TO BE REMOVED

**SIGNAGE LEGEND**

- #4 SLOW POINT W5-33A 600mm X 600mm
- #5 ONE LANE W8-16A 600mm X 400mm

**HATCHING LEGEND**

- AREA OF FULL DEPTH ASPHALT PAVEMENT (200mm)
- AREA OF FULL DEPTH RECONSTRUCTION (200mm)
- AREA OF ROAD WIDENING (200 + 150mm)
- AREA OF PARTIAL ASPHALT RECONSTRUCTION (190mm)
- AREA OF ASPHALT PAVEMENT RECONSTRUCTION (40mm)
- AREA OF CRUSHED ROCK DRIVEWAY RE-GRADING
- AREA OF BITUMEN DRIVEWAY RE-GRADING
- FUTURE POSSIBLE GRAVEL FOOTPATH

**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| DATE     | REVISION                                                     | AUTHORISED | VER. |
|----------|--------------------------------------------------------------|------------|------|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00   |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04   |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05   |

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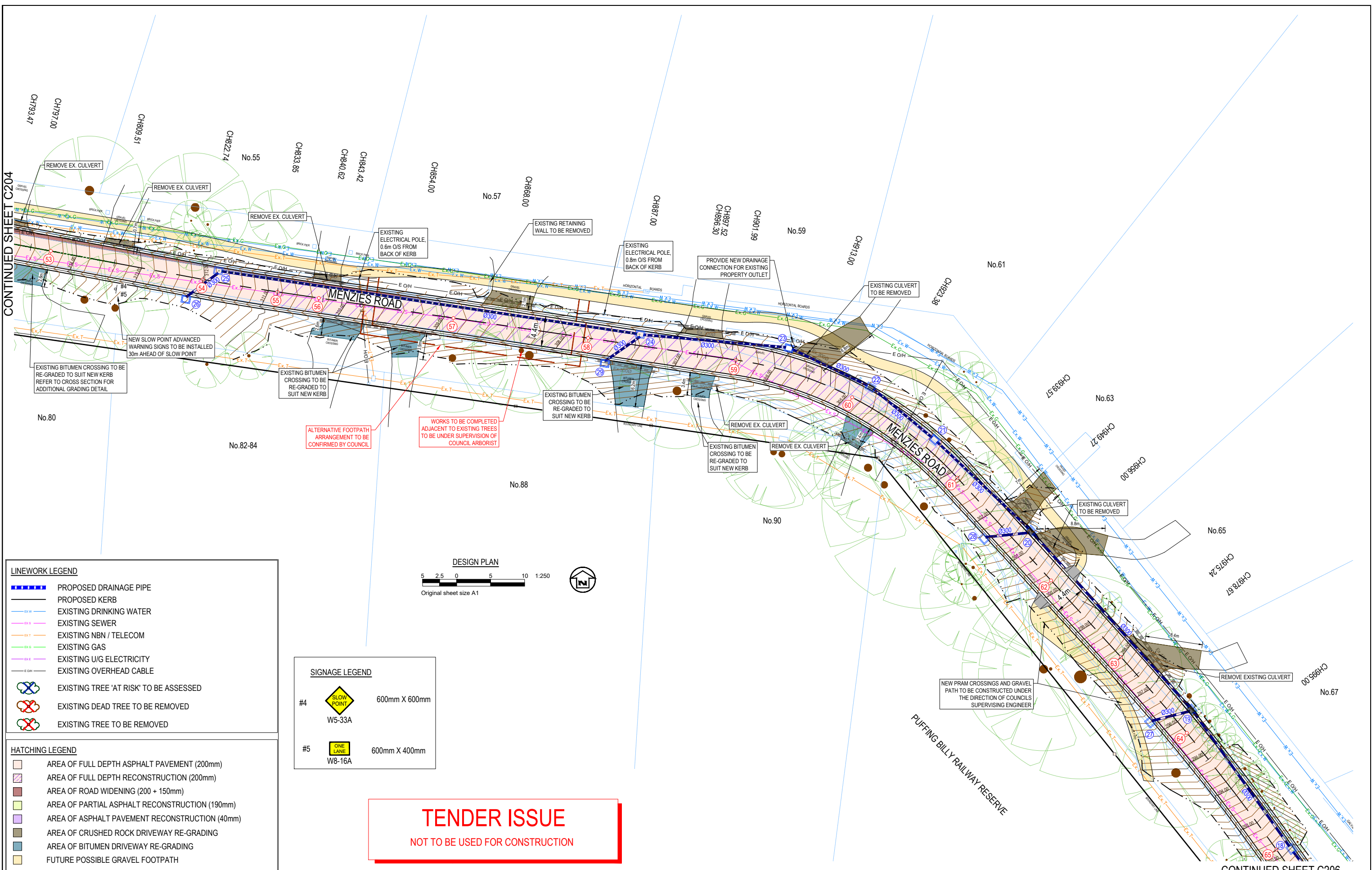
**JCA Land Consultants**  
THE SUBDIVISION SPECIALISTS  
Surveying - Engineering - Town Planning  
Suite 9, 303 Marcondah Highway  
Ringwood Victoria, Australia 3134  
Phone 03 9735 4888 Email jca@jcalc.com.au www.jcalc.com.au

|                              |
|------------------------------|
| SCALES:<br>AS SHOWN AT A1    |
| SURVEY BY: JCA               |
| PLAN BY: B.SKIPWORTH (JCA)   |
| CHECKED BY: A.GOULDING (JCA) |
| PROJECT ENGINEER: G.McCARTHY |
| DATE: 20/07/2020             |
| CAD FILE: 262736-C4.dwg      |

LEVEL DATUM  
A.H.D.  
COORDINATE DATUM  
MGA



| YARRA RANGES COUNCIL                                  |                           |               |
|-------------------------------------------------------|---------------------------|---------------|
| ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK   |                           |               |
| CHECKED BY<br>XXXX                                    | SHEET NO.<br>C204         | VERSION<br>05 |
| APPROVED<br>XXXX<br>MANAGER - INFRASTRUCTURE SERVICES | DRAWING NO.<br>2022 - 002 |               |



**LINEWORK LEGEND**

- PROPOSED DRAINAGE PIPE
- PROPOSED KERB
- EXISTING DRINKING WATER
- EXISTING SEWER
- EXISTING NBN / TELECOM
- EXISTING GAS
- EXISTING U/G ELECTRICITY
- EXISTING OVERHEAD CABLE
- EXISTING TREE 'AT RISK' TO BE ASSESSED
- EXISTING DEAD TREE TO BE REMOVED
- EXISTING TREE TO BE REMOVED

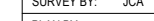
**HATCHING LEGEND**

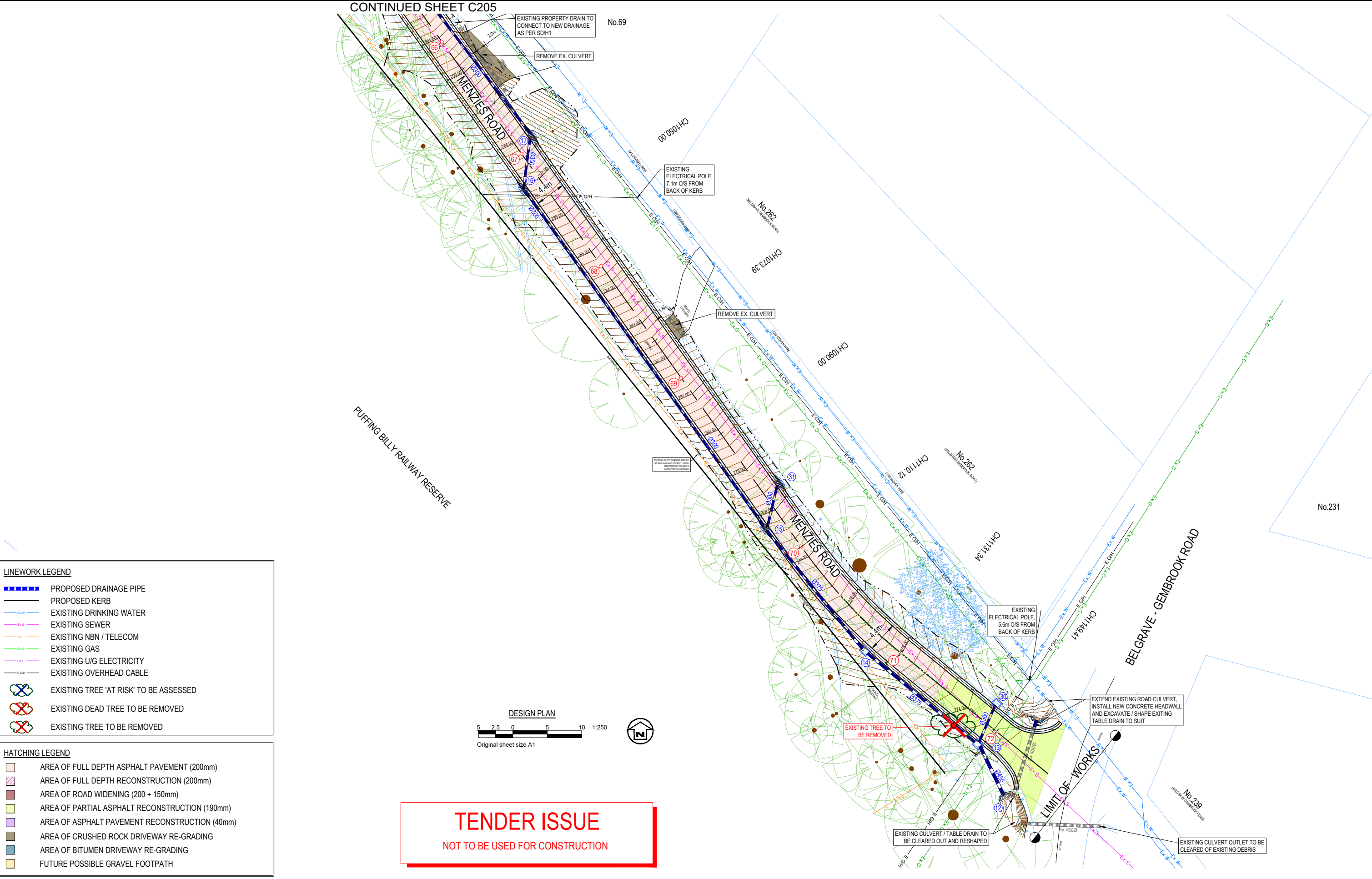
- AREA OF FULL DEPTH ASPHALT PAVEMENT (200mm)
- AREA OF FULL DEPTH RECONSTRUCTION (200mm)
- AREA OF ROAD WIDENING (200 + 150mm)
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**SIGNAGE LEGEND**

- #4 SLOW POINT W5-33A 600mm X 600mm
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**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION

| DATE     |  | REVISION           | AUTHORISED | VER | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TENDER (NOT FOR CONSTRUCTION) |  | SCALES: |  | YARRA RANGES COUNCIL |  |
|----------|--|--------------------|------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|---------|--|----------------------|--|
| 20.07.20 |  | PRELIMINARY DESIGN | AG         | 00  | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS</div></div> <div><div><div>DIAL BEFORE YOU DIG</div><div>www.1100.com.au</div><div>The Essential First Step</div></div><div><div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 MaroonDAH Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone 03 9735 4888 Email <a href="mailto:info@jca.com.au">info@jca.com.au</a> <a href="http://www.jca.com.au">www.jca.com.au</a></div></div><div><div>JCA Ref: 26273</div></div></div><div>LEVEL DATUM</div><div>A.H.D.</div><div></div><div>COORDINATE DATUM</div><div>MGA</div><div>SURVEY BY: JCA</div><div>PLAN BY: B.SKIPWORTH (JCA)</div><div>CHECKED BY: A.GOULINDING (JCA)</div><div>PROJECT ENGINEER: G.McCARTHY</div><div>DATE: 20/07/2020</div><div>CAD FILE: 262736-C4.dwg</div><div>ROAD RECONSTRUCTION</div><div>MENZIES ROAD , MENZIES CREEK</div><div>DETAIL PLAN CH780.00 TO CH1000.00</div><div>CHECKED BY: XXXX</div><div>SHEET NO. C205</div><div>VERSION 05</div><div>APPROVED XXXX</div><div>DRAWING NO. 2022 - 002</div><div>MANAGER - INFRASTRUCTURE SERVICES</div></div> |                               |  |         |  |                      |  |



**LINEWORK LEGEND**

- PROPOSED DRAINAGE PIPE
- PROPOSED KERB
- EXISTING DRINKING WATER
- EXISTING SEWER
- EXISTING NBN / TELECOM
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- FUTURE POSSIBLE GRAVEL FOOTPATH

|          |  |  |  |                                                              |  |            |  |     |              |  |                               |  |  |  |                |  |                              |  |  |  |                                   |  |           |  |            |  |
|----------|--|--|--|--------------------------------------------------------------|--|------------|--|-----|--------------|--|-------------------------------|--|--|--|----------------|--|------------------------------|--|--|--|-----------------------------------|--|-----------|--|------------|--|
| DATE     |  |  |  | REVISION                                                     |  | AUTHORISED |  | VER | PLAN STATUS: |  | TENDER (NOT FOR CONSTRUCTION) |  |  |  | SCALES:        |  | YARRA RANGES COUNCIL         |  |  |  | CHECKED BY                        |  | SHEET NO. |  | VERSION    |  |
| 20.07.20 |  |  |  | PRELIMINARY DESIGN                                           |  | AG         |  | 00  |              |  |                               |  |  |  | AS SHOWN AT A1 |  | ROAD RECONSTRUCTION          |  |  |  | XXXX                              |  | C206      |  | 05         |  |
| 15.12.20 |  |  |  | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     |  | AG         |  | 01  |              |  |                               |  |  |  |                |  | MENZIES ROAD , MENZIES CREEK |  |  |  | APPROVED                          |  |           |  |            |  |
| 17.02.21 |  |  |  | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   |  | AG         |  | 02  |              |  |                               |  |  |  |                |  |                              |  |  |  | XXXX                              |  |           |  |            |  |
| 23.06.21 |  |  |  | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS |  | AG         |  | 03  |              |  |                               |  |  |  |                |  |                              |  |  |  | MANAGER - INFRASTRUCTURE SERVICES |  |           |  |            |  |
| 26.11.21 |  |  |  | DETAIL DESIGN                                                |  | AG         |  | 04  |              |  |                               |  |  |  |                |  |                              |  |  |  |                                   |  |           |  |            |  |
| 15.12.21 |  |  |  | TENDER ISSUE                                                 |  | AG         |  | 05  |              |  |                               |  |  |  |                |  |                              |  |  |  |                                   |  |           |  | 2022 - 002 |  |

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**JCA Ref:** 26273

LEVEL DATUM  
A.H.D.

COORDINATE DATUM  
MGA

YARRA RANGES COUNCIL

ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

DETAIL PLAN CH1000.00 TO CH1140.00

CHECKED BY  
XXXX

APPROVED  
XXXX  
MANAGER - INFRASTRUCTURE SERVICES

SHEET NO.  
C206

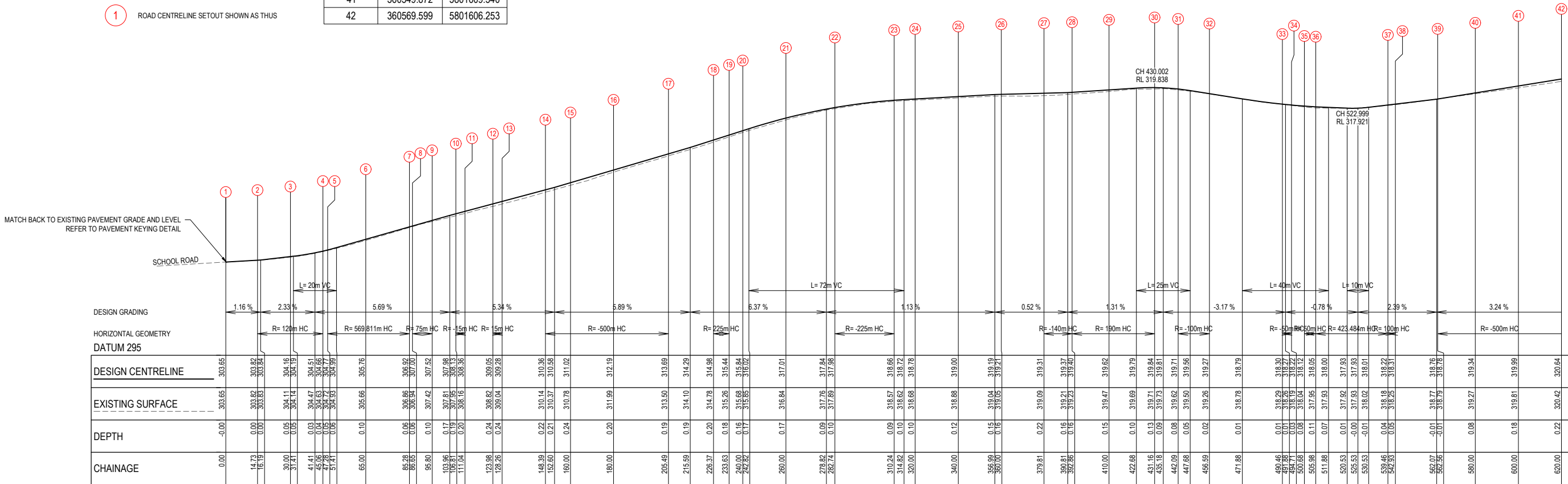
VERSION  
05

DRAWING NO.  
2022 - 002

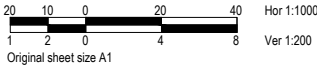
| ROAD CENTRELINE SETOUT |            |             |
|------------------------|------------|-------------|
| POINT I.D              | EASTING    | NORTHING    |
| 1                      | 359964.866 | 5801729.861 |
| 2                      | 359979.547 | 5801731.030 |
| 3                      | 359994.806 | 5801731.272 |
| 4                      | 360009.769 | 5801729.610 |
| 5                      | 360011.949 | 5801729.229 |
| 6                      | 360029.355 | 5801725.901 |
| 7                      | 360049.134 | 5801721.432 |
| 8                      | 360050.463 | 5801721.106 |
| 9                      | 360059.202 | 5801718.393 |
| 10                     | 360069.500 | 5801714.491 |
| 11                     | 360073.606 | 5801713.567 |
| 12                     | 360086.508 | 5801712.525 |
| 13                     | 360090.667 | 5801711.580 |
| 14                     | 360109.460 | 5801704.380 |
| 15                     | 360120.352 | 5801700.351 |
| 16                     | 360139.319 | 5801694.009 |
| 17                     | 360163.832 | 5801687.034 |
| 18                     | 360184.058 | 5801681.833 |
| 19                     | 360191.056 | 5801679.913 |
| 20                     | 360197.171 | 5801678.128 |

| ROAD CENTRELINE SETOUT |            |             |
|------------------------|------------|-------------|
| POINT I.D              | EASTING    | NORTHING    |
| 21                     | 360216.370 | 5801672.525 |
| 22                     | 360238.197 | 5801666.155 |
| 23                     | 360265.001 | 5801660.081 |
| 24                     | 360274.635 | 5801658.509 |
| 25                     | 360294.374 | 5801655.289 |
| 26                     | 360314.113 | 5801652.068 |
| 27                     | 360333.664 | 5801648.878 |
| 28                     | 360346.623 | 5801647.380 |
| 29                     | 360363.647 | 5801645.437 |
| 30                     | 360384.315 | 5801640.936 |
| 31                     | 360394.850 | 5801638.019 |
| 32                     | 360409.049 | 5801635.175 |
| 33                     | 360442.658 | 5801630.946 |
| 34                     | 360446.888 | 5801630.595 |
| 35                     | 360452.854 | 5801630.355 |
| 36                     | 360458.126 | 5801629.862 |
| 37                     | 360491.022 | 5801623.681 |
| 38                     | 360494.391 | 5801622.847 |
| 39                     | 360513.364 | 5801617.801 |
| 40                     | 360530.293 | 5801613.613 |
| 41                     | 360549.872 | 5801609.540 |
| 42                     | 360569.599 | 5801606.253 |

1 ROAD CENTRELINE SETOUT SHOWN AS THUS



MENZIES ROAD CENTRELINE LONGITUDINAL SECTION



TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE     | REVISION                                                     | AUTHORISED | VER. | PLAN STATUS:                  |  |  |  |  | SCALES:                      |                      |  |                                   |  |
|----------|--------------------------------------------------------------|------------|------|-------------------------------|--|--|--|--|------------------------------|----------------------|--|-----------------------------------|--|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00   | TENDER (NOT FOR CONSTRUCTION) |  |  |  |  | AS SHOWN AT A1               | YARRA RANGES COUNCIL |  |                                   |  |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |                               |  |  |  |  | SURVEY BY: JCA               | LEVEL DATUM A.H.D.   |  | ROAD RECONSTRUCTION               |  |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |                               |  |  |  |  | PLAN BY: B.SKIPWORTH (JCA)   | COORDINATE DATUM MGA |  | MENZIES ROAD , MENZIES CREEK      |  |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |                               |  |  |  |  | CHECKED BY: A.GOULDING (JCA) |                      |  | CHECKED BY: XXXX                  |  |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04   |                               |  |  |  |  | PROJECT ENGINEER: G.McCARTHY |                      |  | APPROVED: XXXX                    |  |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05   |                               |  |  |  |  | DATE: 20/07/2020             |                      |  | MANAGER - INFRASTRUCTURE SERVICES |  |
|          |                                                              |            |      |                               |  |  |  |  | CAD FILE: 262736-C4.dwg      |                      |  | DRAWING NO. 2022 - 002            |  |
|          |                                                              |            |      |                               |  |  |  |  |                              |                      |  | SHEET NO. C301                    |  |
|          |                                                              |            |      |                               |  |  |  |  |                              |                      |  | VERSION 05                        |  |

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JCA Ref: 26273

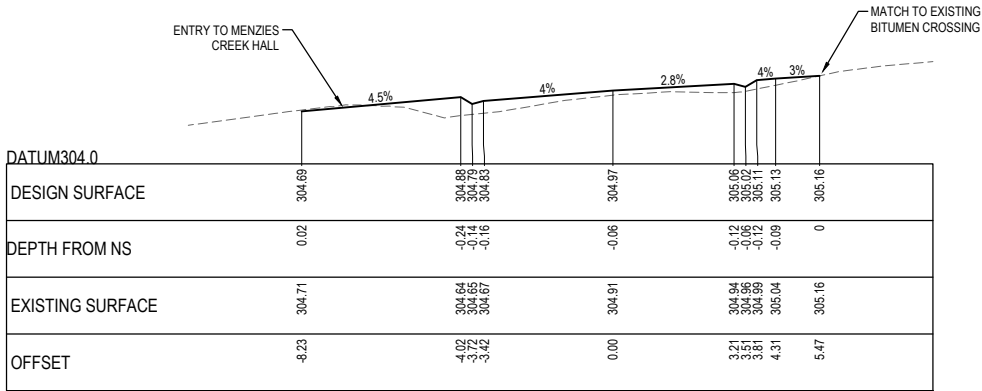


YARRA RANGES COUNCIL

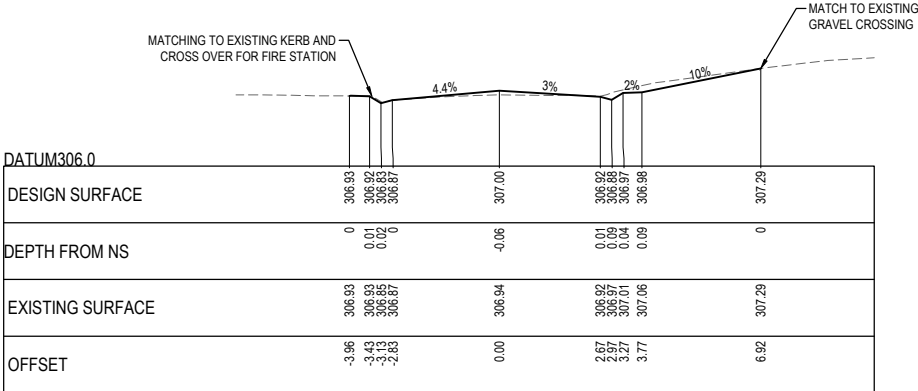
ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

ROAD CENTRELINE LONGITUDINAL SECTION SHEET 1

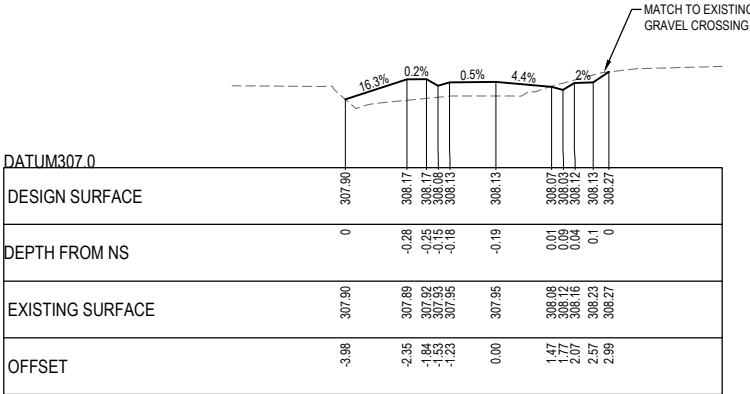




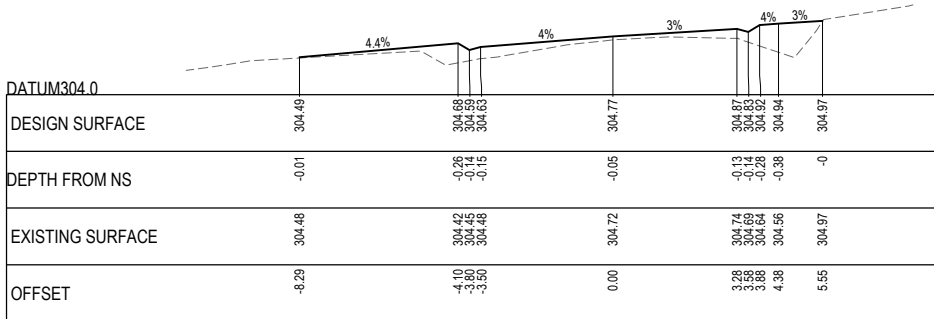
CH 51.00 - MENZIES CREEK HALL & CROSSING NO.4-6



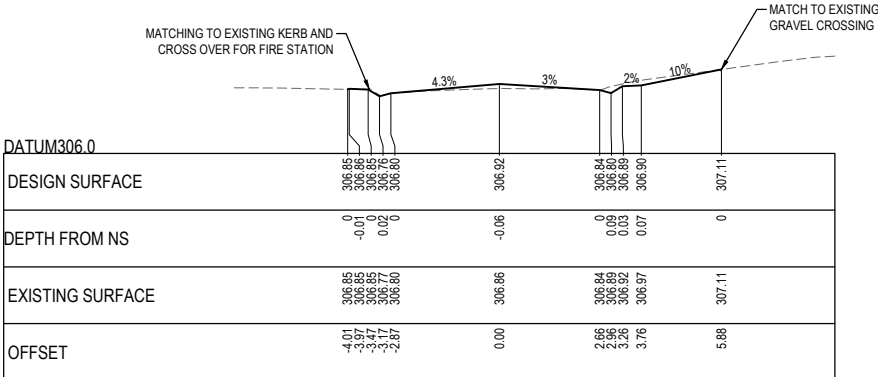
CH 86.65 - MENZIES CREEK FIRE HALL & CROSSING NO.10



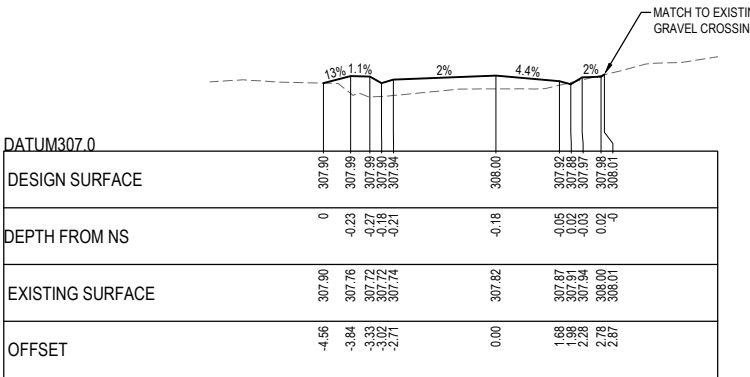
CH 106.81 - CROSSING NO.12-14



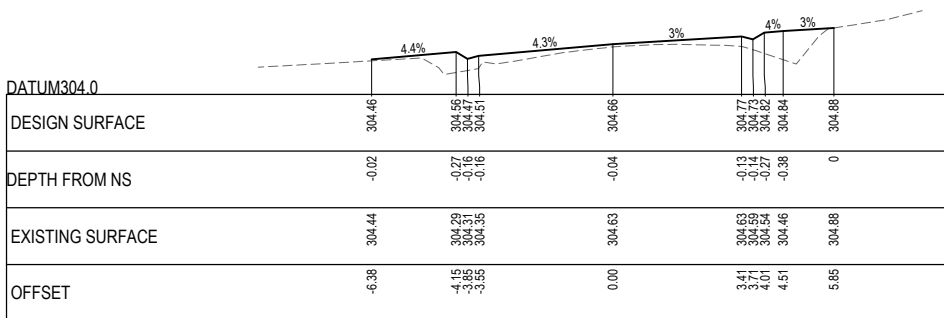
CH 47.28



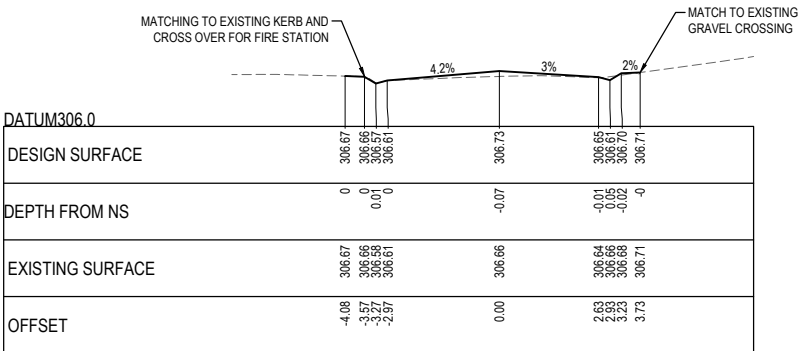
CH 85.28 - MENZIES CREEK FIRE HALL & CROSSING NO.8



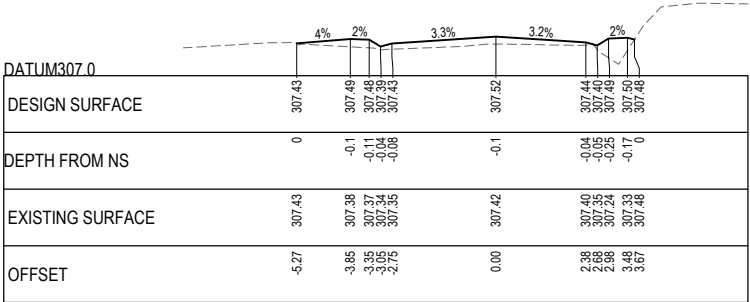
CH 104.28 - CROSSING NO.10



CH 45.06

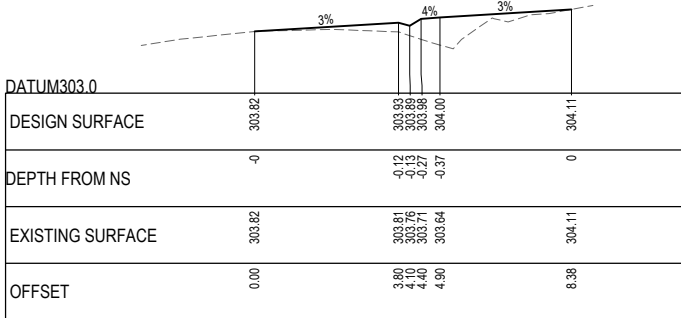
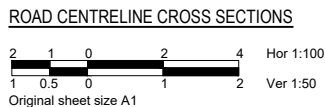


CH 82.00 - MENZIES CREEK FIRE HALL & CROSSING NO.8

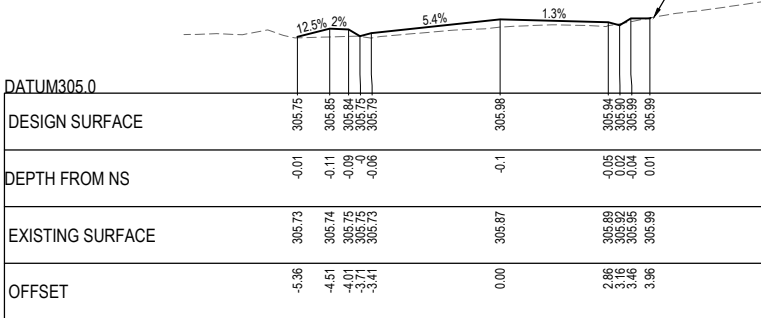


CH 95.80

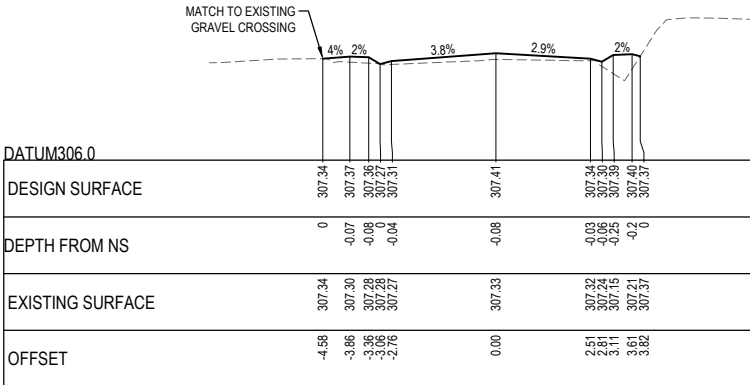
**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION



CH 14.73

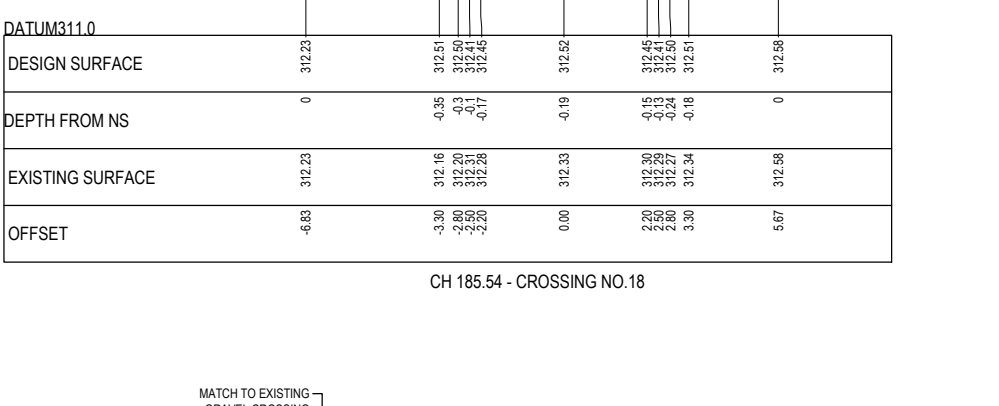
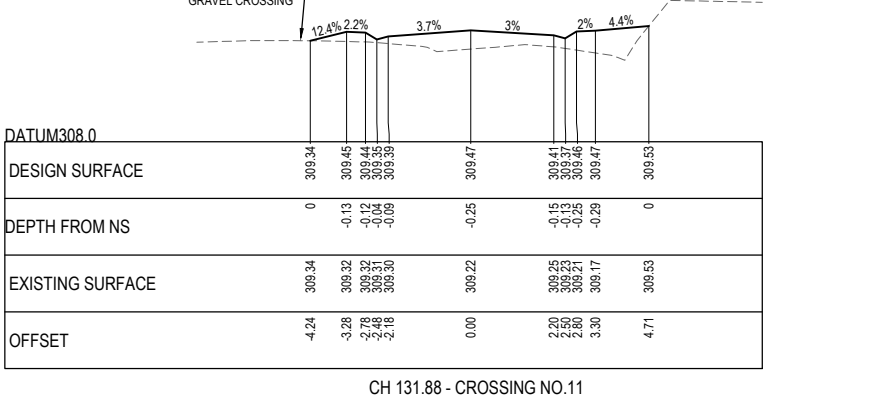
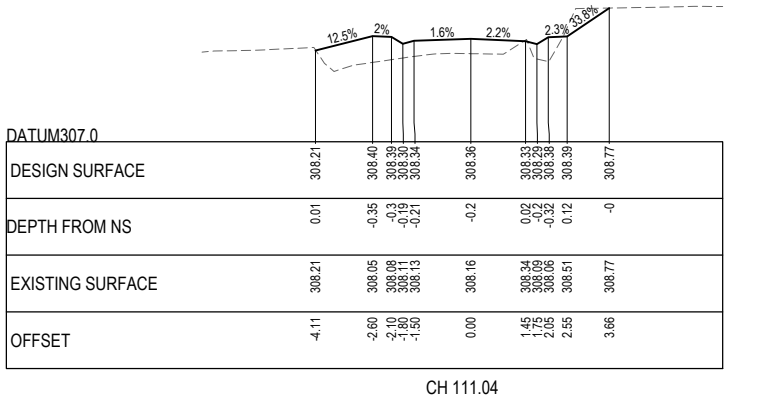
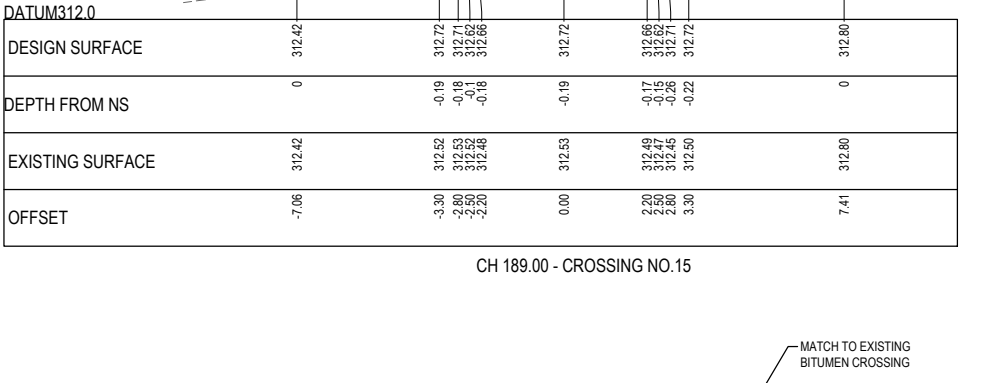
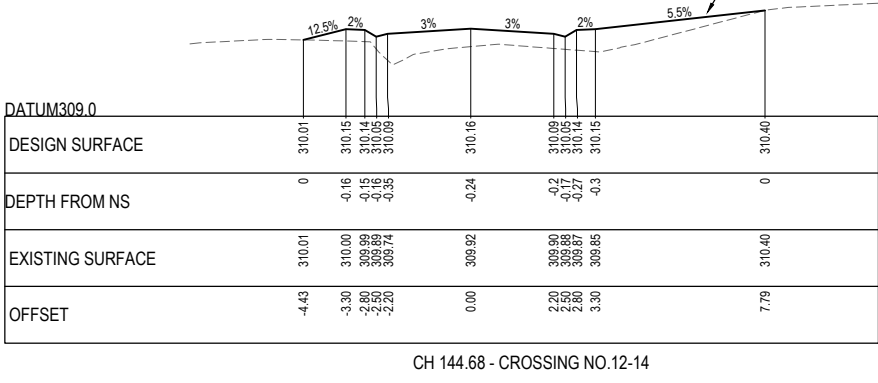
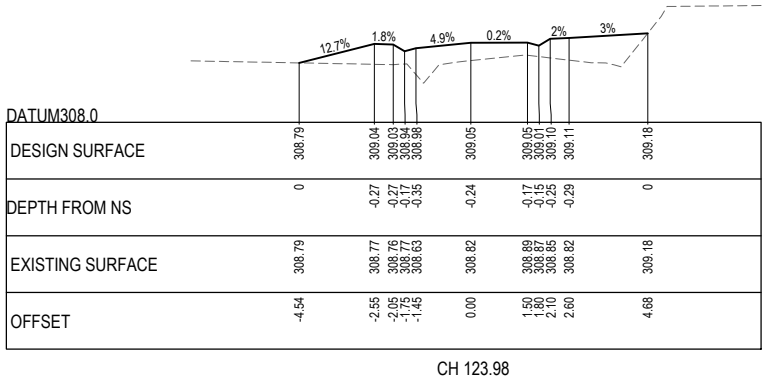
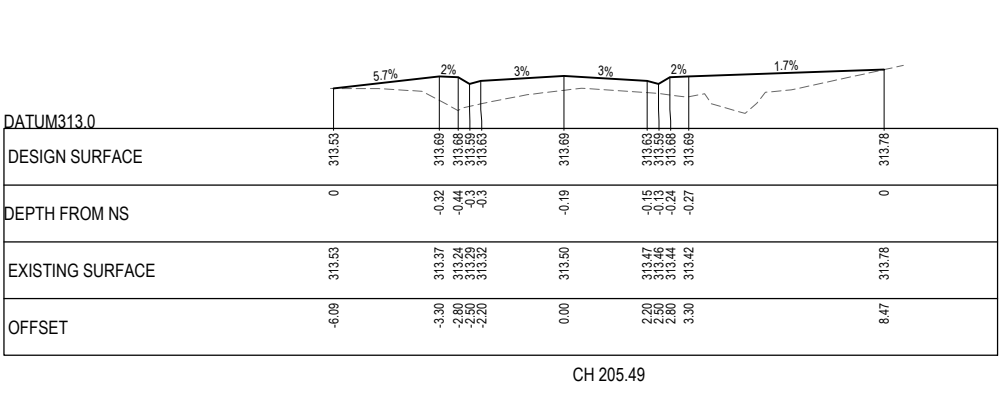
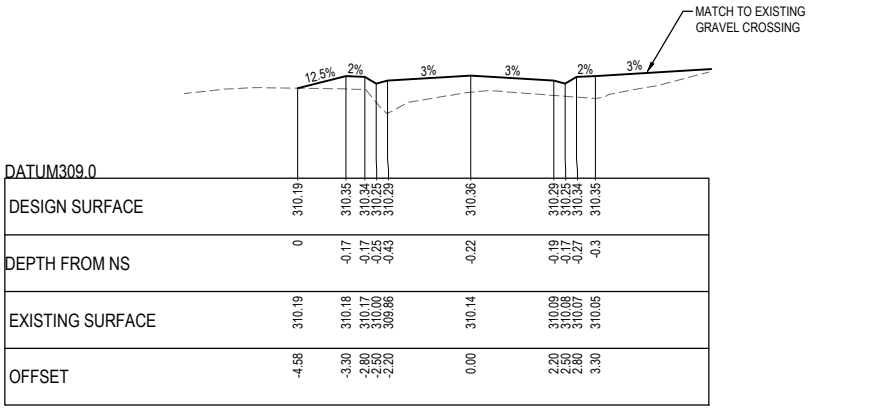
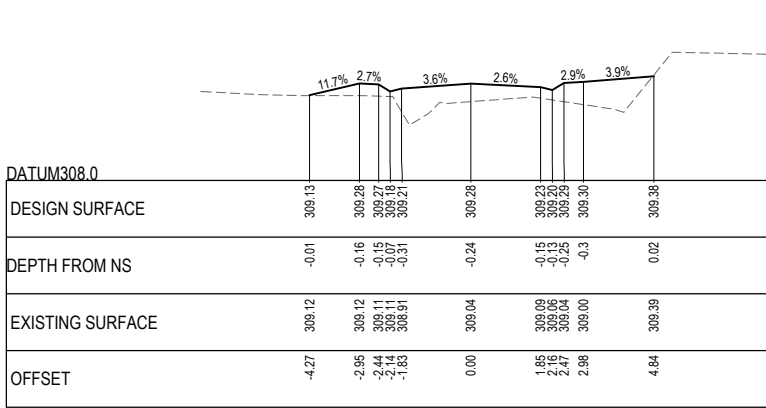


CH 68.72 - CROSSING NO.8

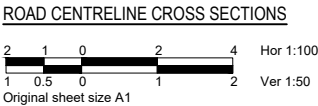


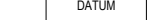
CH 94.00 - CROSSING NO.7 - 9

| DATE     | REVISION                                                     | AUTHORISED | VER. | PLAN STATUS:                  | THE SUBDIVISION SPECIALISTS                                                                                                                                                                                                                                                                                                                                                       | SCALES:        | LEVEL | CHECKED BY:      | PROJECT ENGINEER: | DATE:      | CAD FILE:     | COORDINATE | YARRA RANGES COUNCIL                                | CHECKED BY: | SHEET NO. | VERSION |
|----------|--------------------------------------------------------------|------------|------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|------------------|-------------------|------------|---------------|------------|-----------------------------------------------------|-------------|-----------|---------|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00   | TENDER (NOT FOR CONSTRUCTION) | <b>WARNING</b><br>BEWARE - UNDERGROUND SERVICES<br>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS. | AS SHOWN AT A1 | DATUM | JCA              | G.McCARTHY        | 20/07/2020 | 262736-C4.dwg | MGA        | ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK | XXXX        | C401      | 05      |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |                               |                                                                                                                                                                                                                                                                                                                                                                                   |                |       | A.GOULDING (JCA) |                   |            |               |            |                                                     |             |           |         |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |                               |                                                                                                                                                                                                                                                                                                                                                                                   |                |       |                  |                   |            |               |            |                                                     |             |           |         |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |                               |                                                                                                                                                                                                                                                                                                                                                                                   |                |       |                  |                   |            |               |            |                                                     |             |           |         |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04   |                               |                                                                                                                                                                                                                                                                                                                                                                                   |                |       |                  |                   |            |               |            |                                                     |             |           |         |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05   |                               |                                                                                                                                                                                                                                                                                                                                                                                   |                |       |                  |                   |            |               |            |                                                     |             |           |         |



**TENDER ISSUE**  
NOT TO BE USED FOR CONSTRUCTION



| DATE     | REVISION                                                 | AUTHORISED | VER | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | TENDER (NOT FOR CONSTRUCTION) |  |  |  | SCALES: | YARRA RANGES COUNCIL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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| 20.07.20 | PRELIMINARY DESIGN                                       | AG         | 00  | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</div></div> <div><div><div>DIAL BEFORE<br/>YOU DIG<br/>www.1100.com.au</div><div>The Essential First Step</div></div><div><div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 MaroonDAH Highway<br/>Ringwood Victoria, Australia 3134<br/>Phone 03 9735 4882 Email jca@jca.com.au www.jca.com.au</div></div><div>JCA Ref: 26273</div></div><div><div>LEVEL<br/>DATUM</div><div>A.H.D.</div><div><div>Yarra<br/>Ranges<br/>Council</div></div><div>COORDINATE<br/>DATUM</div><div>MGA</div></div><div>SCALE:<br/>AS SHOWN AT A1</div><div>SURVEY BY: JCA</div><div>PLAN BY: B.SKIPWORTH (JCA)</div><div>CHECKED BY: A.GOULDING (JCA)</div><div>PROJECT ENGINEER: G.McCARTHY</div><div>DATE: 20/07/2020</div><div>CAD FILE: 262736-C4.dwg</div><div>CHECKED BY<br/>XXXX</div><div>SHEET NO.<br/>C402</div><div>VERSION<br/>05</div><div>APPROVED<br/>XXXX</div><div>DRAWING NO.<br/>2022 - 002</div><div>MANAGER - INFRASTRUCTURE<br/>SERVICES</div></div> |                               |  |  |  |         |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS | AG         | 01  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |  |  |  |         |                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  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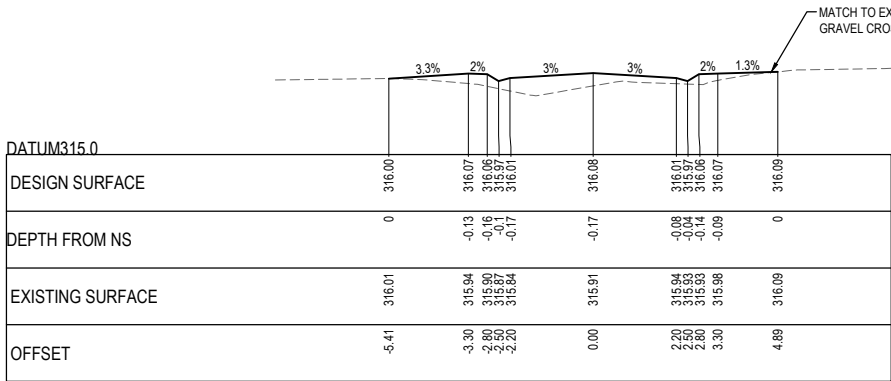
**WARNING**  
BEWARE - UNDERGROUND SERVICES  
THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.



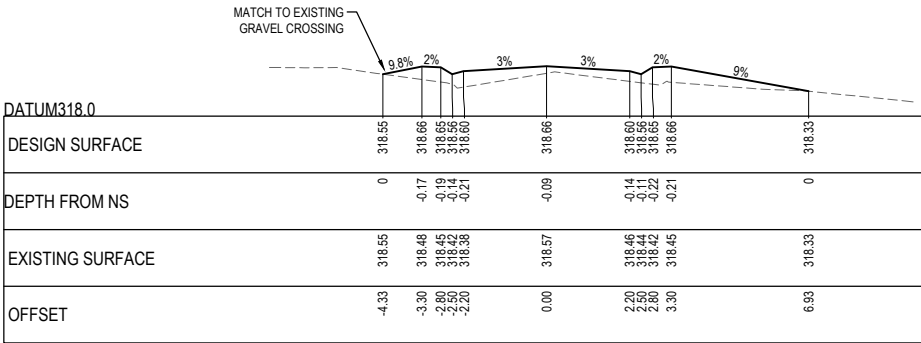
YARRA RANGES COUNCIL

ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

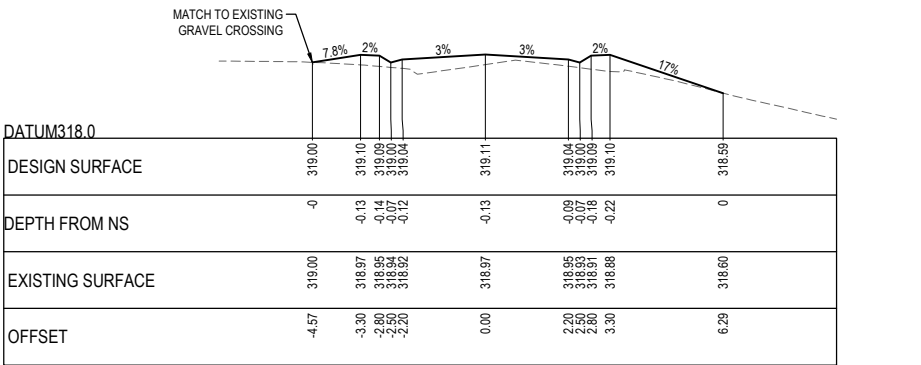
ROAD CENTRELINE CROSS SECTIONS SHEET 2



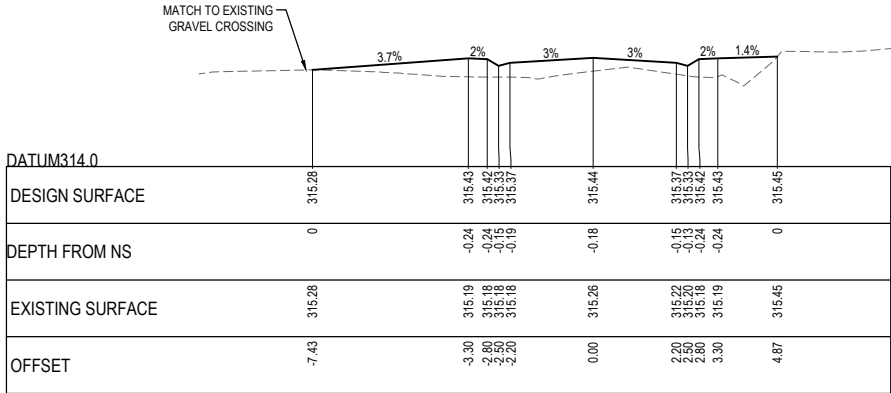
CH 243.69 - CROSSING NO.24



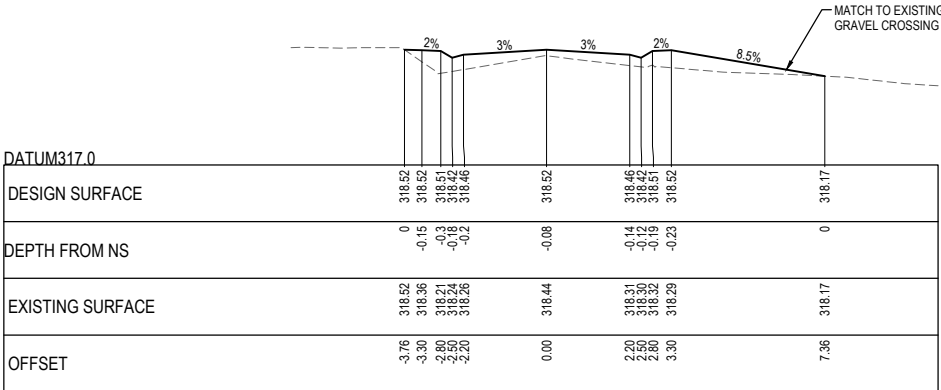
CH 310.24 - CROSSING NO.23



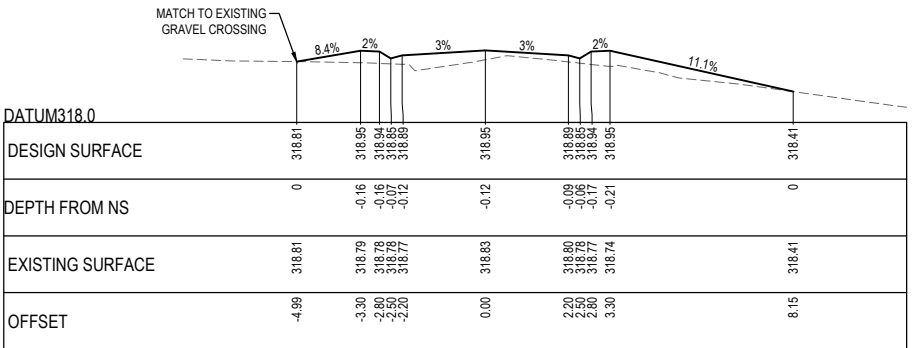
CH 349.31 - CROSSING NO.25



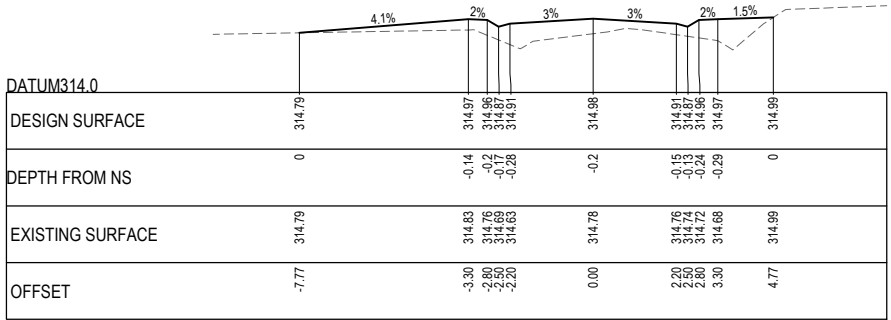
CH 233.63 - CROSSING NO.17



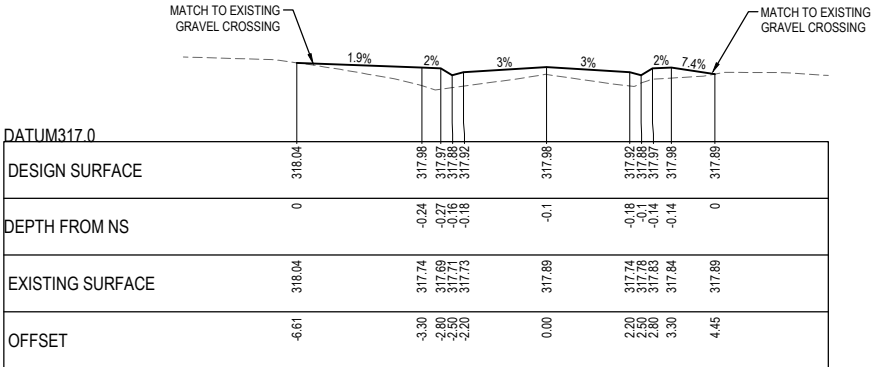
CH 302.32 - CROSSING NO.32



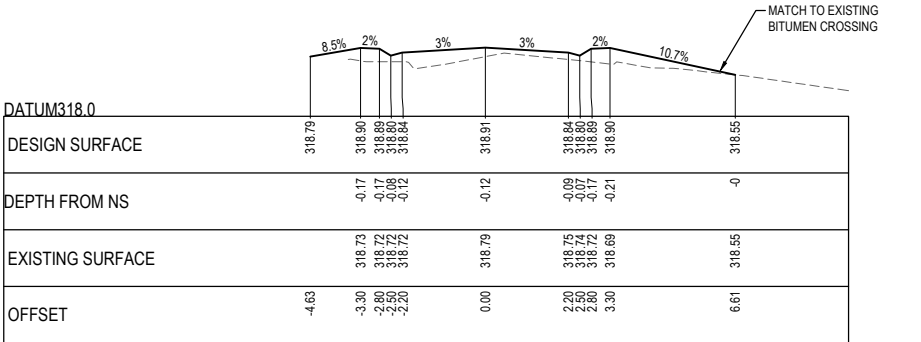
CH 335.54 - CROSSING NO. 23



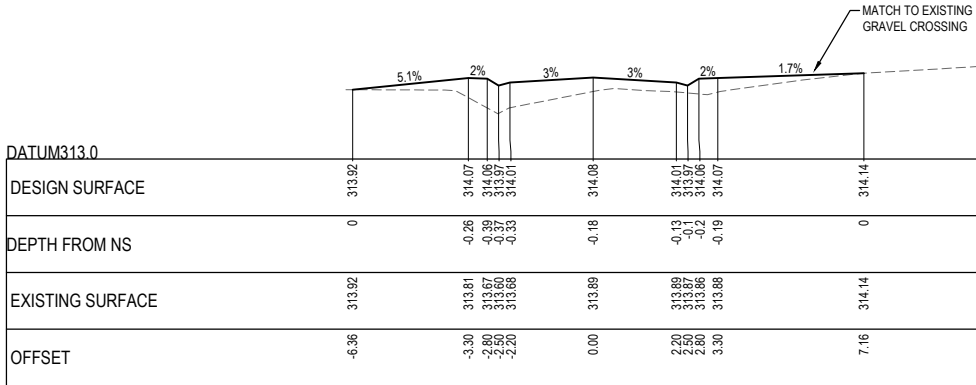
CH 226.37



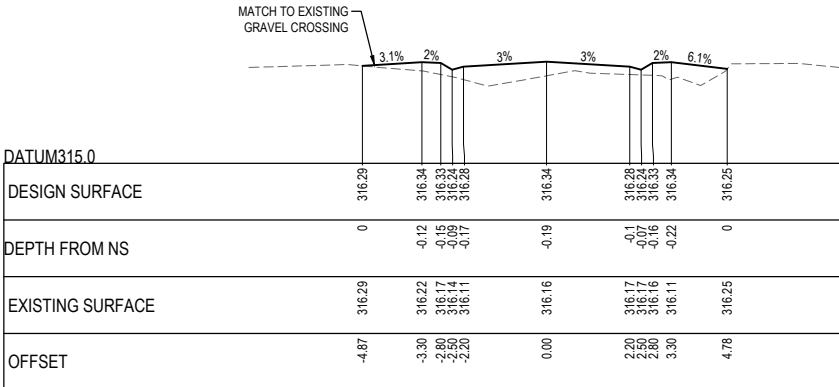
CH 282.74 - CROSSING NO.21 & 26-28



CH 331.56 - CROSSING NO 34-36

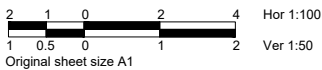


CH 212.00 - CROSSING NO.20-22



CH 248.00 - CROSSING NO.19

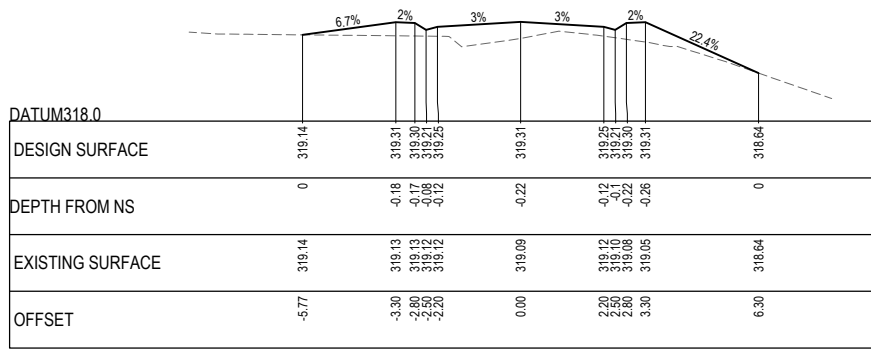
ROAD CENTRELINE CROSS SECTIONS



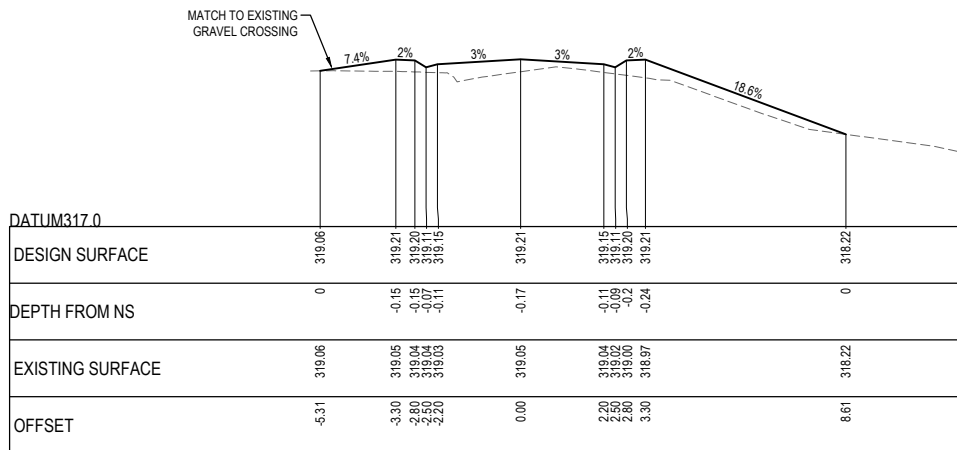
TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

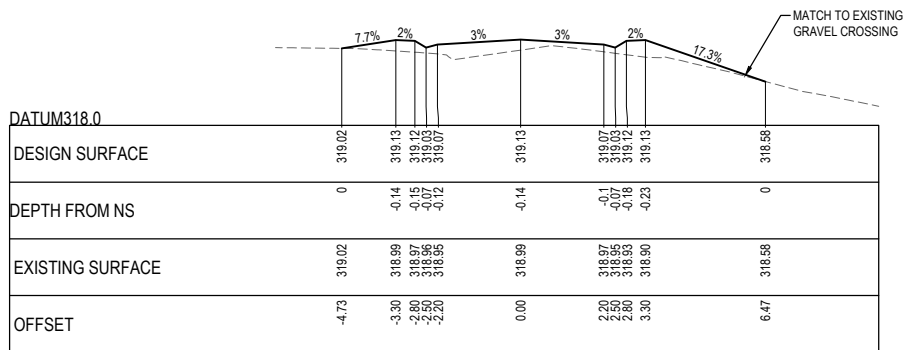
| DATE     | REVISION                                                     | AUTHORISED | VER | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |                                                                                     |                                                                                       |                                                                                                                                                          | SCALES:     |            |           |         |  |
|----------|--------------------------------------------------------------|------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|-----------|---------|--|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00  | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS</div></div> <div><div></div><div>The Essential First Step</div></div> <div><div></div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 Maroonah Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</div></div> <div>JCA Ref: 26273</div> | AS SHOWN AT A1 | <div>LEVEL DATUM</div> <div>A.H.D.</div> <div>COORDINATE DATUM</div> <div>MGA</div> |  | <div>YARRA RANGES COUNCIL</div> <div>ROAD RECONSTRUCTION</div> <div>MENZIES ROAD , MENZIES CREEK</div> <div>ROAD CENTRELINE CROSS SECTIONS SHEET 3</div> |             | CHECKED BY | SHEET NO. | VERSION |  |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | XXXX           |                                                                                     |                                                                                       |                                                                                                                                                          |             | C403       | 05        |         |  |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          |             |            |           |         |  |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          |             |            |           |         |  |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          |             |            |           |         |  |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          |             |            |           |         |  |
|          |                                                              |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          | DRAWING NO. |            |           |         |  |
|          |                                                              |            |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                |                                                                                     |                                                                                       |                                                                                                                                                          | 2022 - 002  |            |           |         |  |



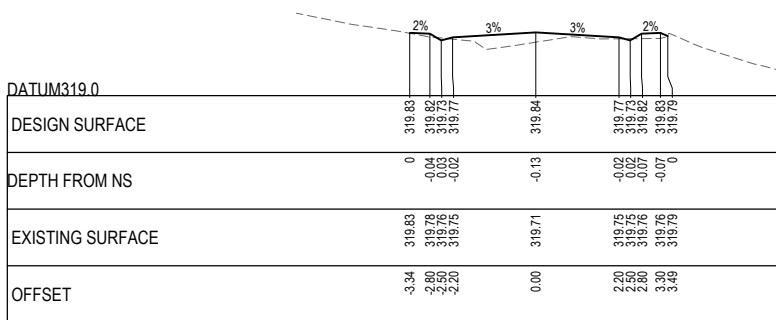
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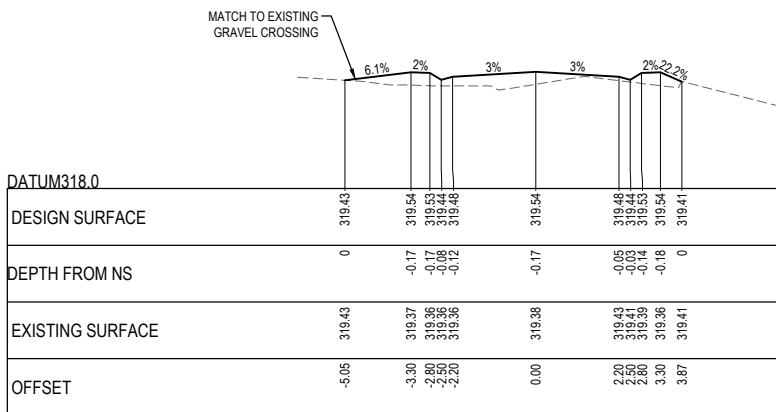
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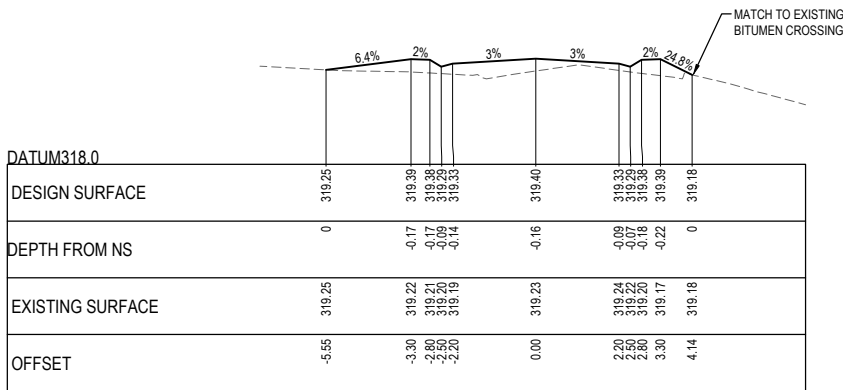
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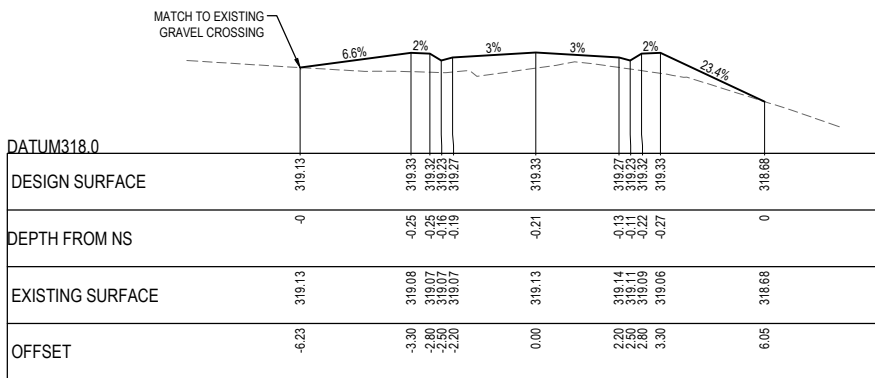
CH 431.16



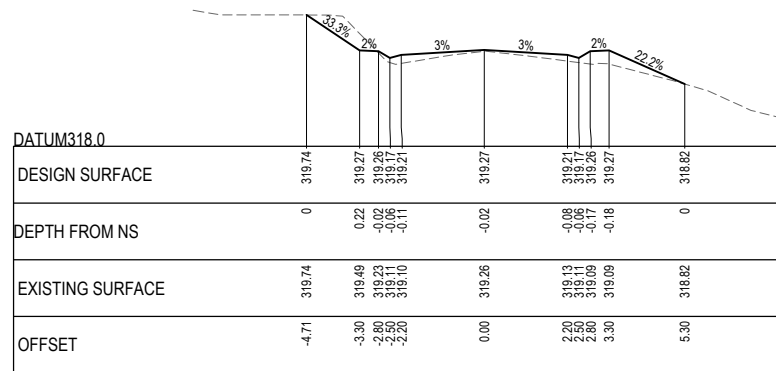
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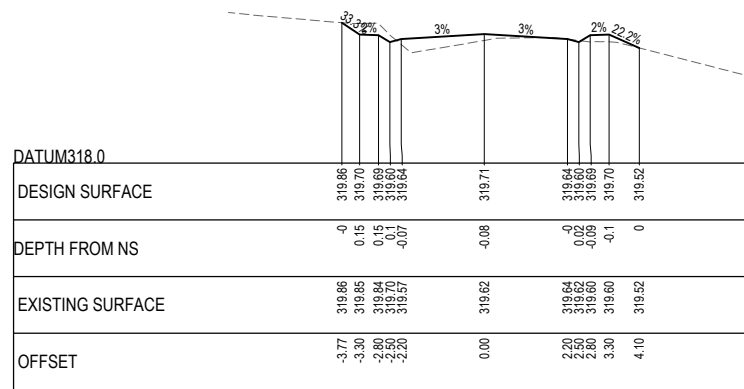
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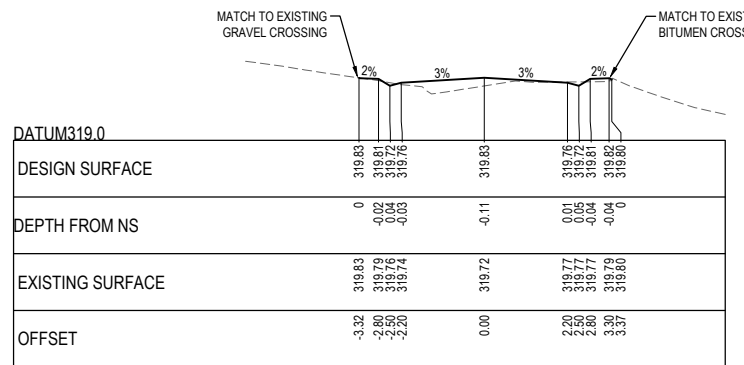
CH 383.65 - CROSSING NO.27



CH 456.59



CH 442.09

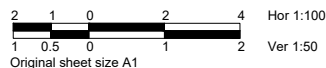


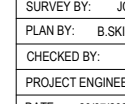
CH 433.45 - CROSSING NO.31 & 40-44

TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

ROAD CENTRELINE CROSS SECTIONS

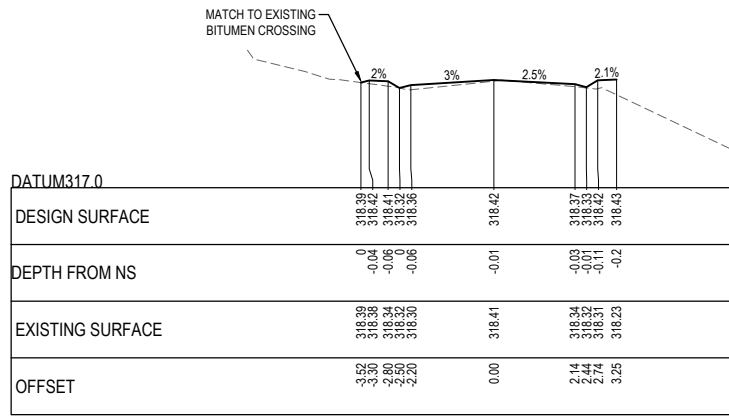


| DATE     | REVISION                                                     | AUTHORISED | VER | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SCALES:                      | LEVEL                                                                                                                                                                                | COORDINATE     | CHECKED BY           | SHEET NO.           | VERSION                      |                                        |            |      |      |    |
|----------|--------------------------------------------------------------|------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|---------------------|------------------------------|----------------------------------------|------------|------|------|----|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00  | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</div></div> <div><div>The Essential First Step</div></div> <div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 Marcondah Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</div></div> <div>JCA Ref: 26273</div> | AS SHOWN AT A1               | <div>LEVEL DATUM</div> <div>A.H.D.</div> <div></div> <div>COORDINATE DATUM</div> <div>MGA</div> | SURVEY BY: JCA | YARRA RANGES COUNCIL | ROAD RECONSTRUCTION | MENZIES ROAD , MENZIES CREEK | ROAD CENTRELINE CROSS SECTIONS SHEET 4 | CHECKED BY | XXXX | C404 | 05 |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PLAN BY: B.SKIPWORTH (JCA)   |                                                                                                                                                                                      | DRAWING NO.    |                      |                     |                              |                                        |            |      |      |    |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CHECKED BY: A.GOULDING (JCA) |                                                                                                                                                                                      |                |                      |                     |                              |                                        |            |      |      |    |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PROJECT ENGINEER: G.McCARTHY |                                                                                                                                                                                      |                |                      |                     |                              |                                        |            |      |      |    |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DATE: 20/07/2020             |                                                                                                                                                                                      |                |                      |                     |                              |                                        |            |      |      |    |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CAD FILE: 262736-C4.dwg      |                                                                                                                                                                                      |                |                      |                     |                              |                                        |            |      |      |    |

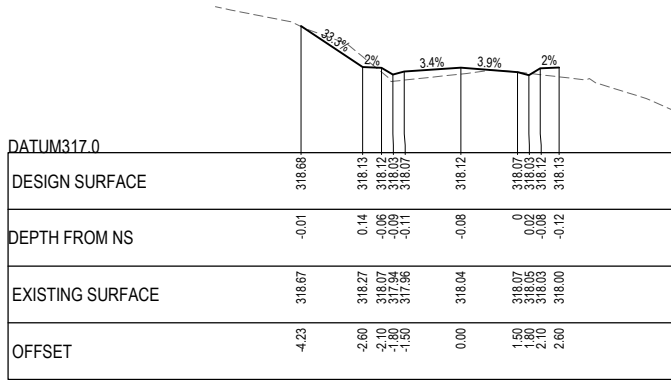
YARRA RANGES COUNCIL

ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

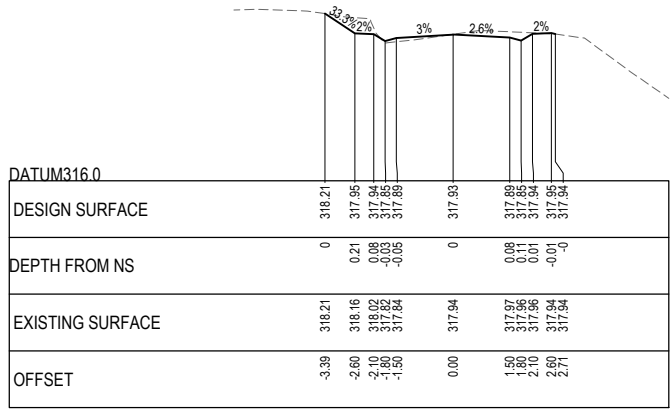
ROAD CENTRELINE CROSS SECTIONS SHEET 4



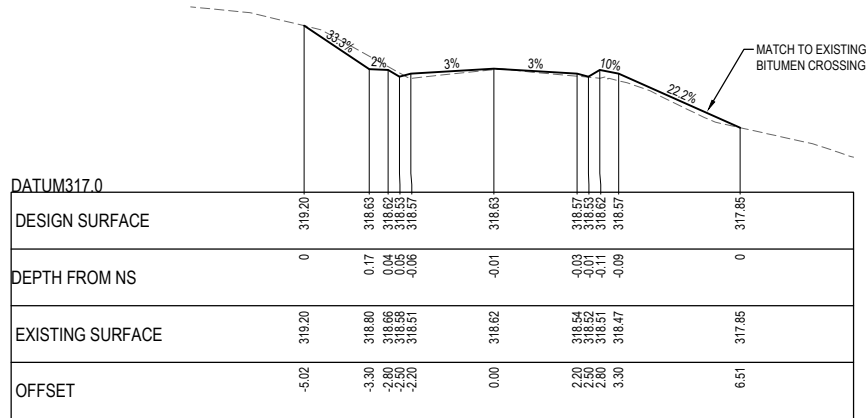
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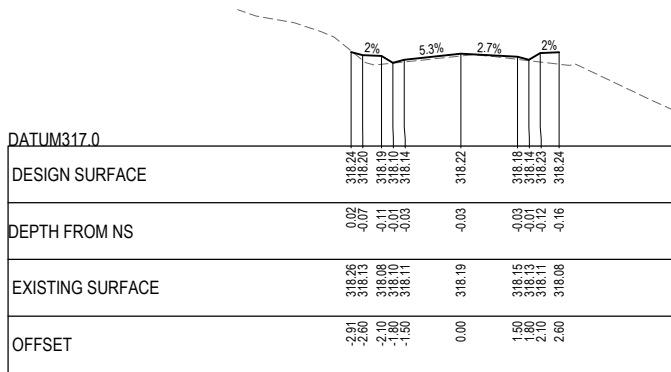
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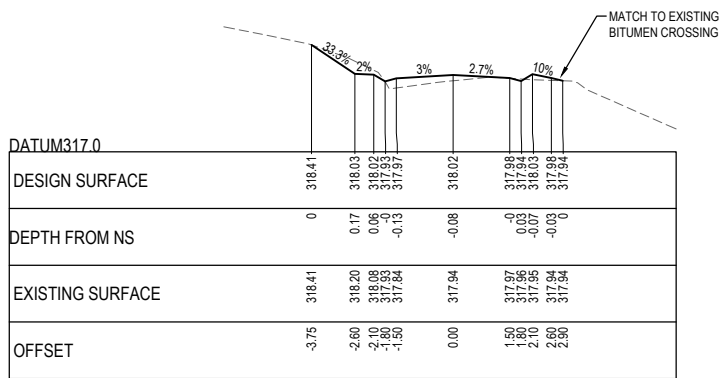
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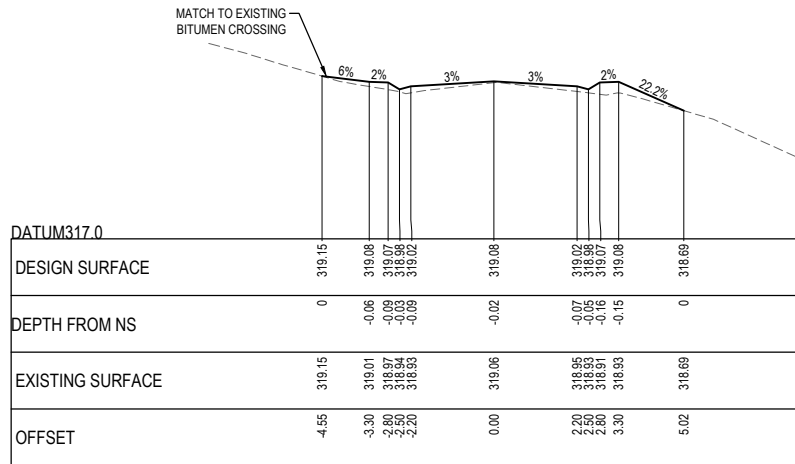
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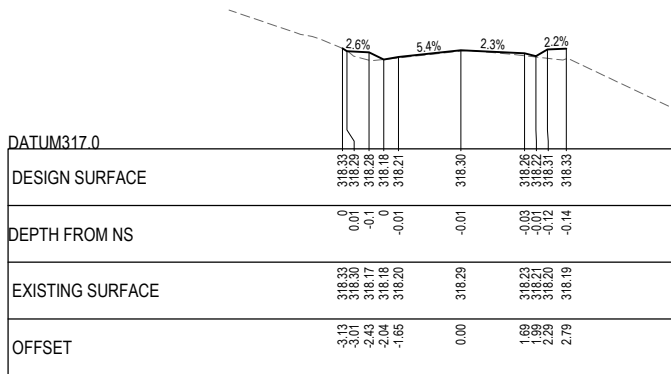
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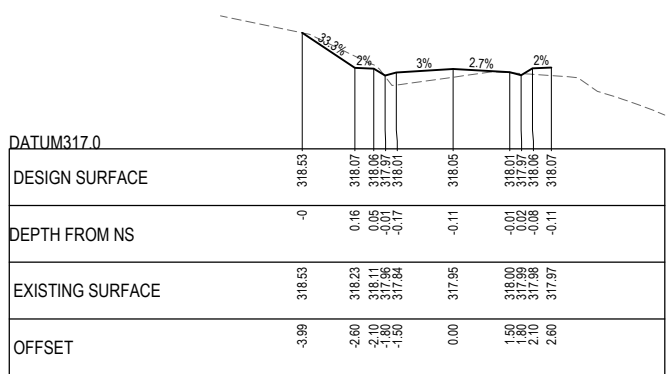
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CH 462.64 - CROSSING NO.33



CH 490.46

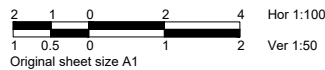


CH 505.98

TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

ROAD CENTRELINE CROSS SECTIONS



TENDER (NOT FOR CONSTRUCTION)

**WARNING**  
BEWARE - UNDERGROUND SERVICES  
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JCA Ref: 26273

SCALES:  
AS SHOWN AT A1

SURVEY BY: JCA  
PLAN BY: B.SKIPWORTH (JCA)  
CHECKED BY: A.GOULDING (JCA)  
PROJECT ENGINEER: G.McCARTHY  
DATE: 20/07/2020  
CAD FILE: 262736-C4.dwg

LEVEL DATUM  
A.H.D.  
COORDINATE DATUM  
MGA



YARRA RANGES COUNCIL

ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

ROAD CENTRELINE CROSS SECTIONS SHEET 5

CHECKED BY  
XXXX  
APPROVED  
XXXX  
MANAGER - INFRASTRUCTURE SERVICES

SHEET NO.  
C405  
VERSION  
05  
DRAWING NO.  
2022 - 002





NOT TO BE USED FOR CONSTRUCTION

2 1 0 2 4 Hor 1:100  
1 0.5 0 1 2 Ver 1:50  
Original sheet size A1

TENDER (NOT FOR CONSTRUCTION)

**DIAL BEFORE  
YOU DIG**  
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The Essential First Step

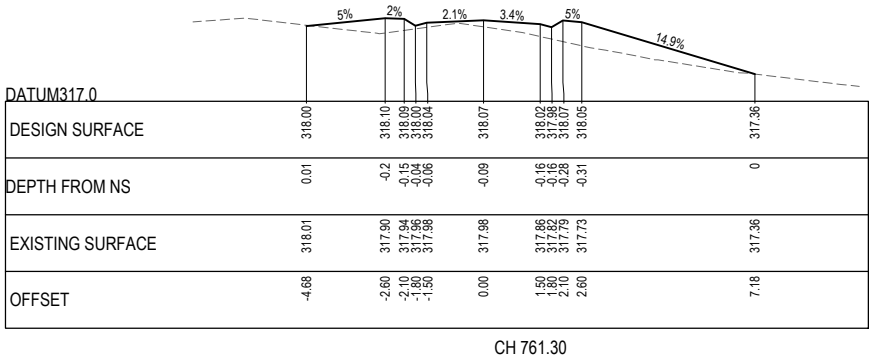
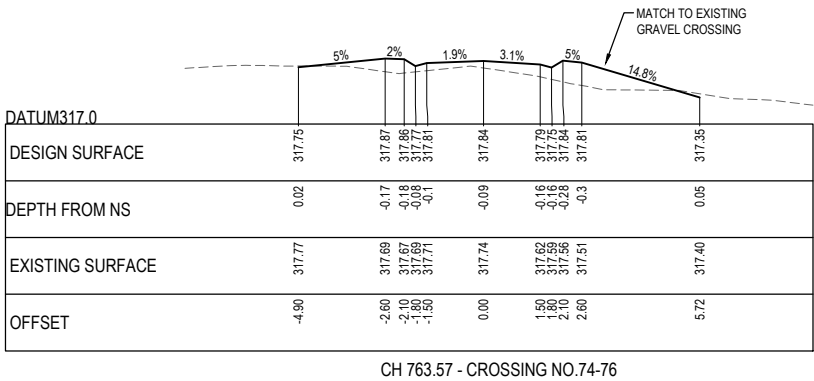
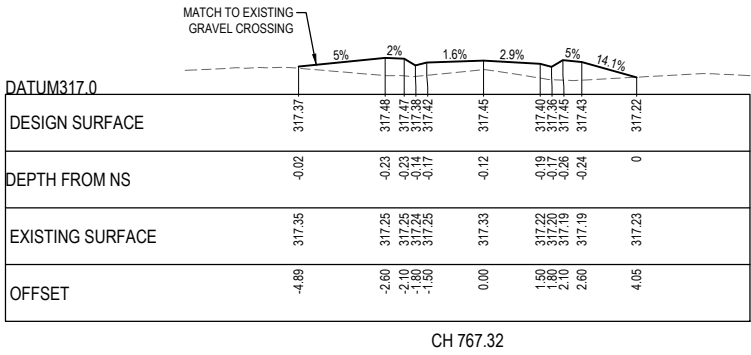
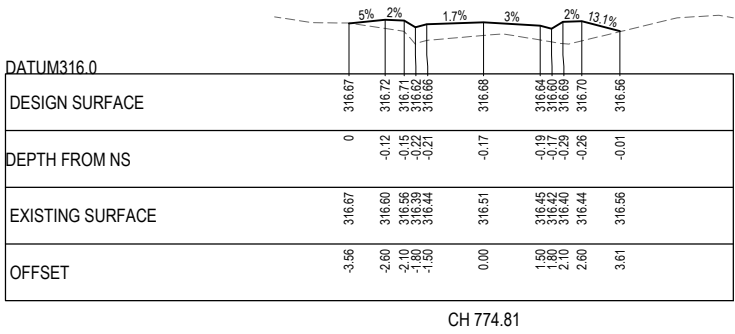
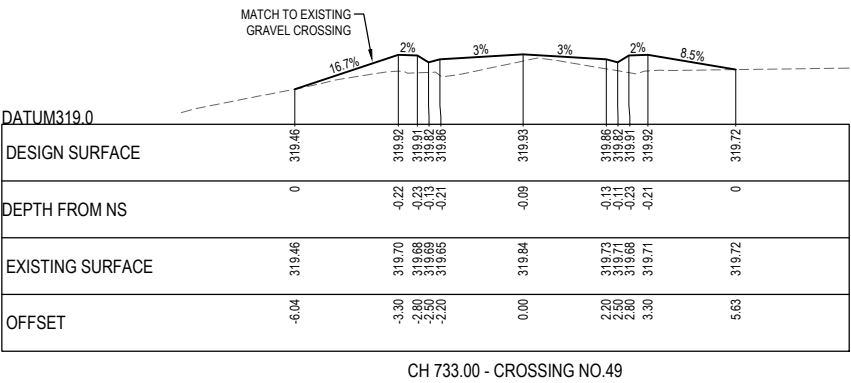
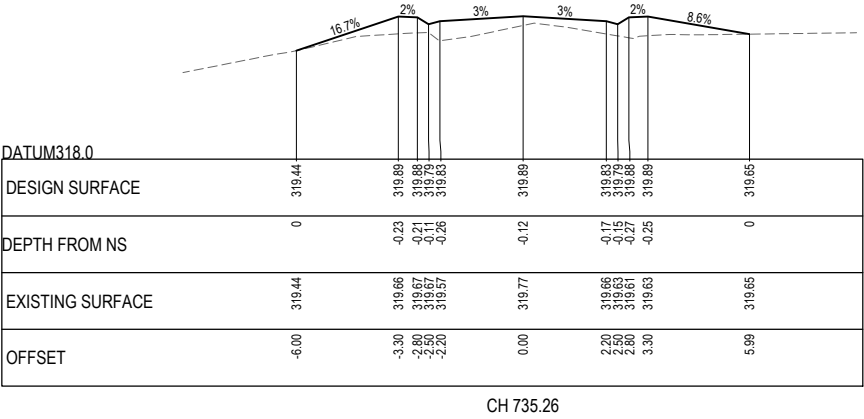
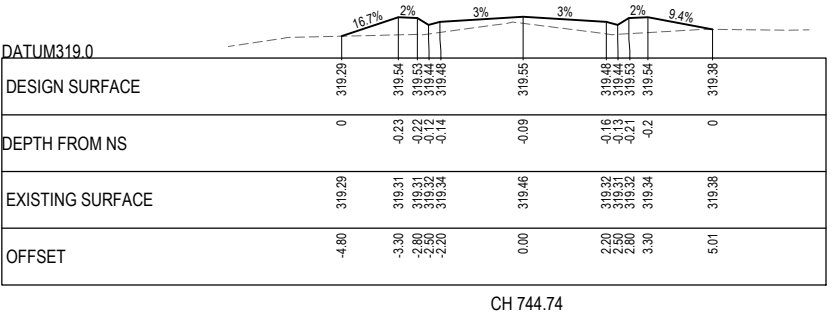
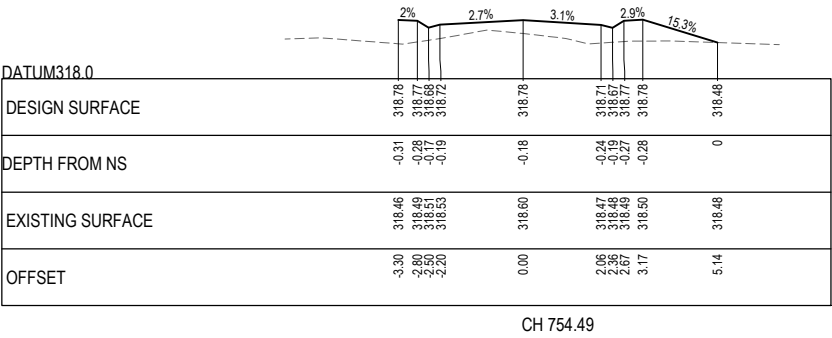
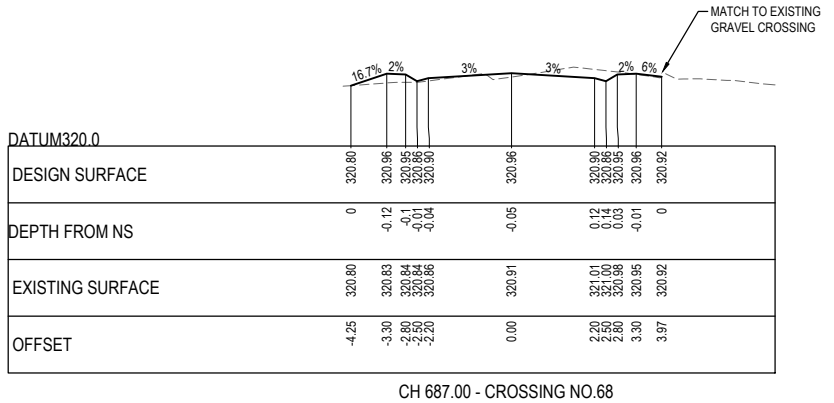
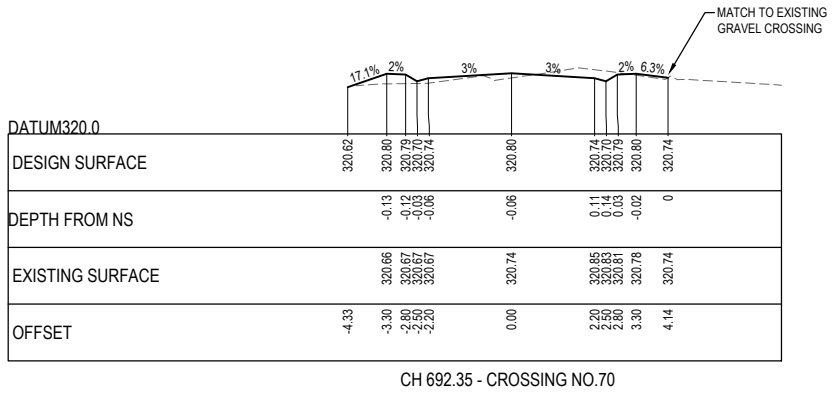
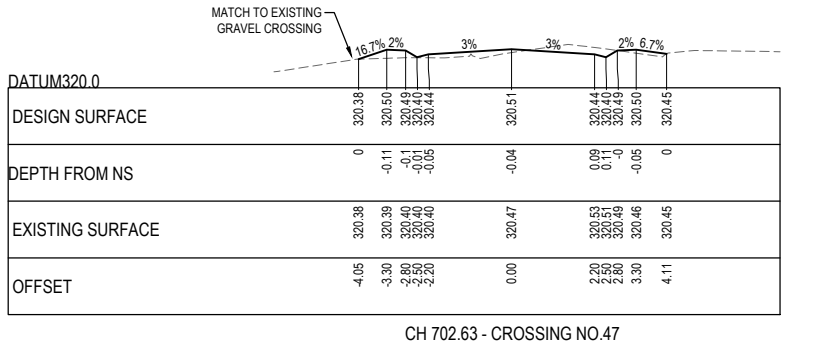
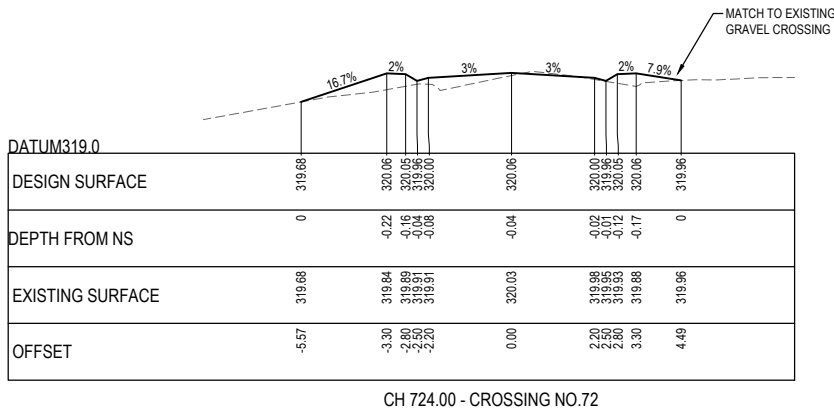
JCA Ref: 26273

|                   |                   |
|-------------------|-------------------|
| SURVEY BY:        | JCA               |
| PLAN BY:          | B.SKIPWORTH (JCA) |
| CHECKED BY:       | A.GOULDING (JCA)  |
| PROJECT ENGINEER: | G.McCARTHY        |
| DATE:             | 20/07/2020        |
| CAD FILE:         | 262736-C4.dwg     |



ROAD CENTRELINE CROSS SECTIONS SHEET 7

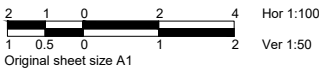
DRAWING NO.  
2022 - 002



TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

ROAD CENTRELINE CROSS SECTIONS



TENDER (NOT FOR CONSTRUCTION)

**WARNING**

BEWARE - UNDERGROUND SERVICES

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JCA Ref: 26273

SCALES:

AS SHOWN AT A1

SURVEY BY: JCA

PLAN BY: B.SKIPWORTH (JCA)

CHECKED BY: A.GOULDING (JCA)

PROJECT ENGINEER: G.McCARTHY

DATE: 20/07/2020

CAD FILE: 262736-C4.dwg

LEVEL DATUM

A.H.D.

COORDINATE DATUM

MGA



YARRA RANGES COUNCIL

ROAD RECONSTRUCTION

MENZIES ROAD , MENZIES CREEK

ROAD CENTRELINE CROSS SECTIONS SHEET 8

CHECKED BY

XXXX

APPROVED

XXXX

MANAGER - INFRASTRUCTURE SERVICES

SHEET NO.

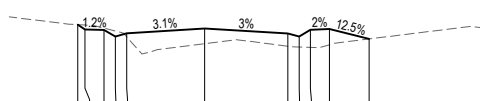
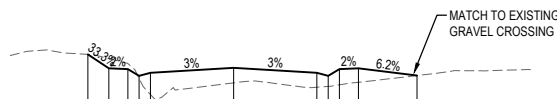
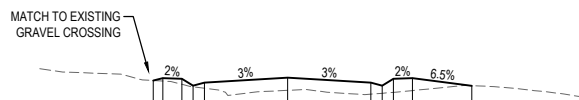
C408

VERSION

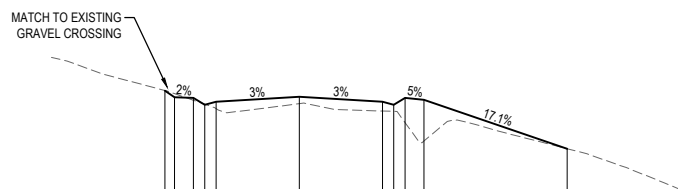
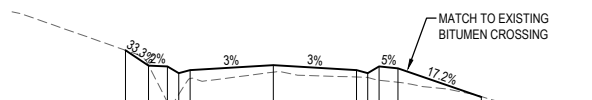
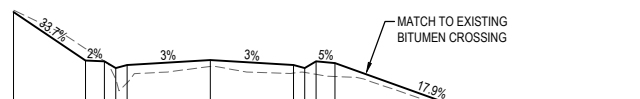
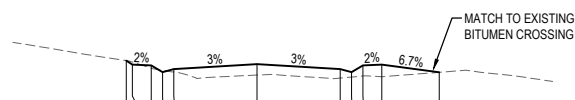
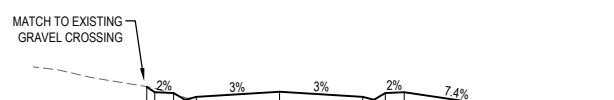
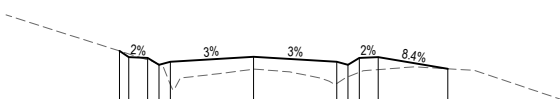
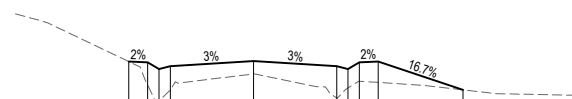
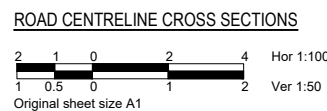
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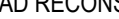
DRAWING NO.

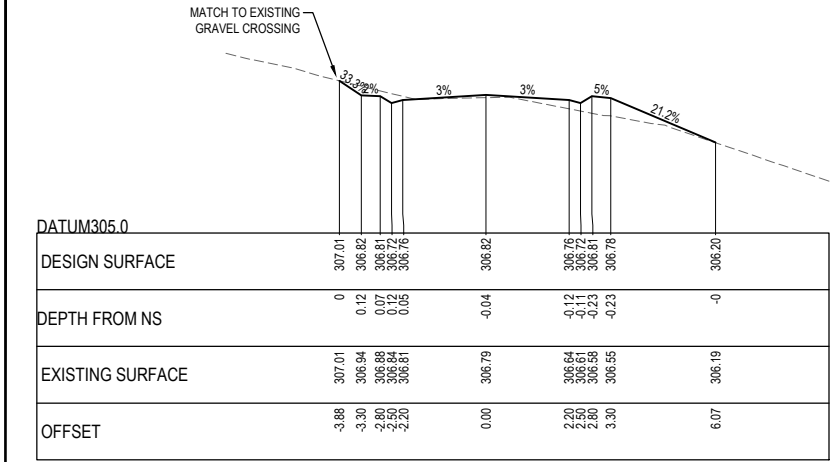
2022 - 002



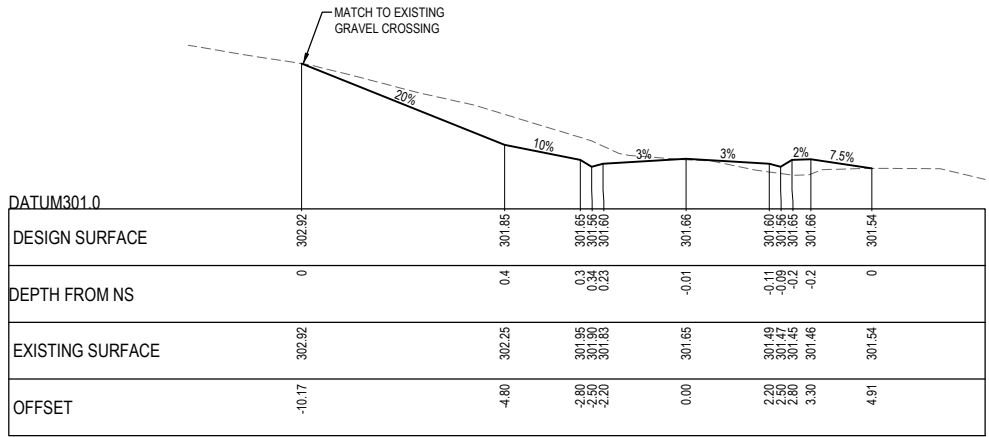
# TENDER ISSUE



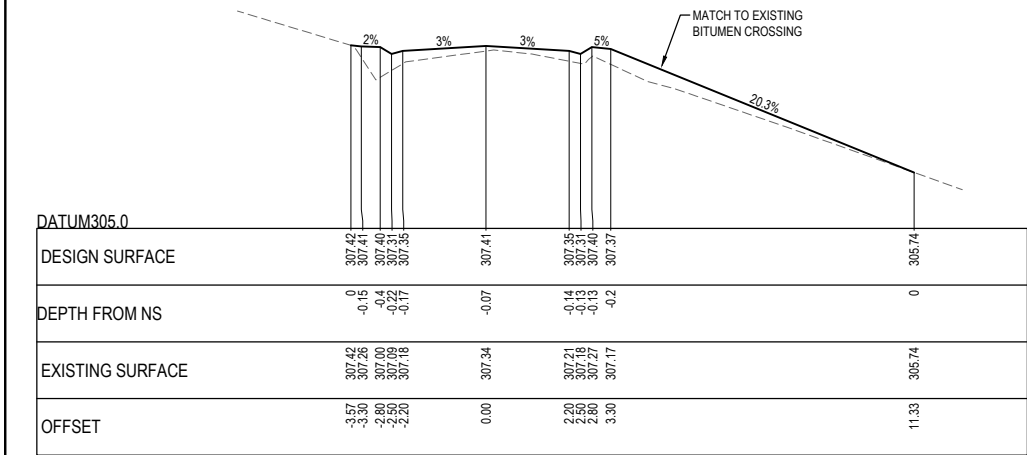
| DATE     | REVISION                                                     | AUTHORISED | VER. | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                  | TENDER (NOT FOR CONSTRUCTION)                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                      | SCALES:        | YARRA RANGES COUNCIL                                                                   |                                                                                                  |                                                                                  |            |           |         |
|----------|--------------------------------------------------------------|------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------|-----------|---------|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00   | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS</div></div> | <div><div></div><div>The Essential First Step</div></div> | <div><div></div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 Maroonch Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone: 03 9735 4888 Email: <a href="mailto:info@jca.com.au">info@jca.com.au</a> <a href="http://www.jca.com.au">www.jca.com.au</a></div></div> | AS SHOWN AT A1 | <div><div>LEVEL DATUM</div><div>A.H.D.</div><div>COUNTY DATE</div><div>MGA</div></div> | <div></div> | <div><div>ROAD RECONSTRUCTION</div><div>MENZIES ROAD , MENZIES CREEK</div></div> | CHECKED BY | SHEET NO. | VERSION |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      | XXXX           |                                                                                        |                                                                                                  |                                                                                  | C409       | 05        |         |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      | DRAWING NO.    |                                                                                        |                                                                                                  |                                                                                  |            |           |         |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      | APPROVED       |                                                                                        |                                                                                                  |                                                                                  | 2022 - 002 |           |         |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04   |                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      | XXXX           |                                                                                        |                                                                                                  |                                                                                  |            |           |         |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05   | MANAGER - INFRASTRUCTURE SERVICES                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |                                                                                        |                                                                                                  |                                                                                  |            |           |         |
|          |                                                              |            |      | JCA Ref: 26273                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                | CAD FILE: 26273-C4.dwg                                                                                                                                                                                                                                                                                                                                                                                                               |                | ROAD CENTRELINE CROSS SECTIONS SHEET 9                                                 |                                                                                                  |                                                                                  |            |           |         |



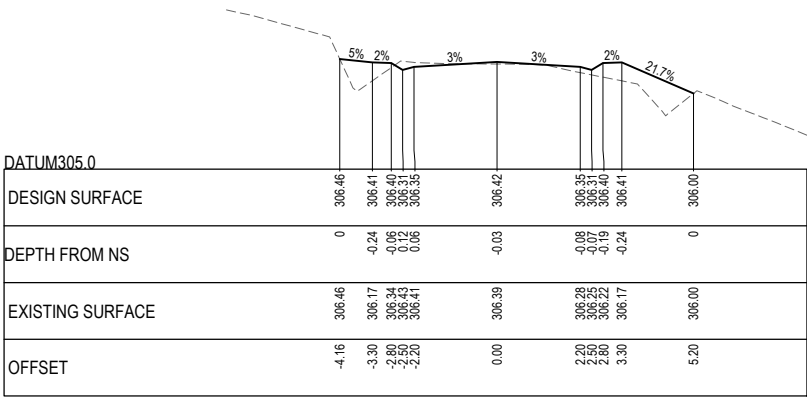
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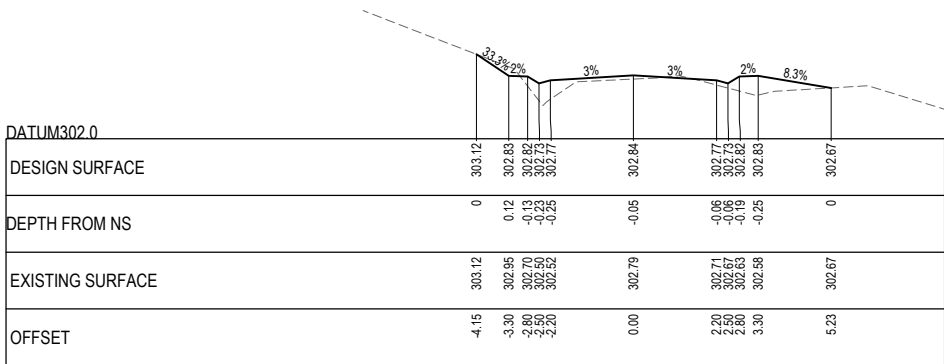
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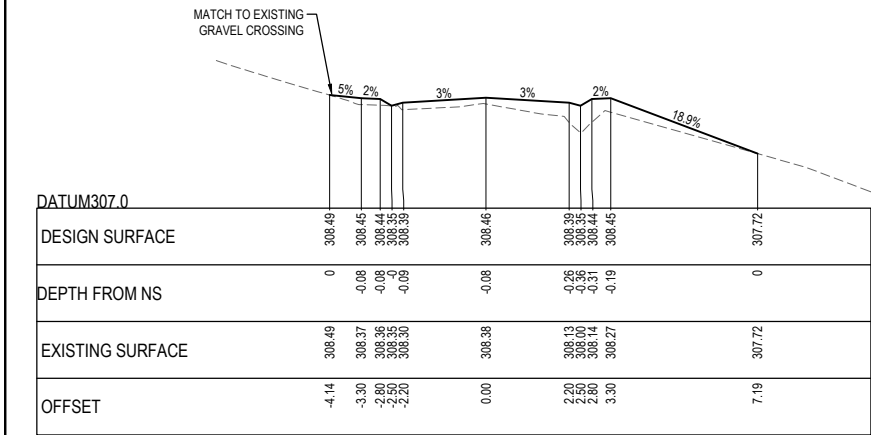
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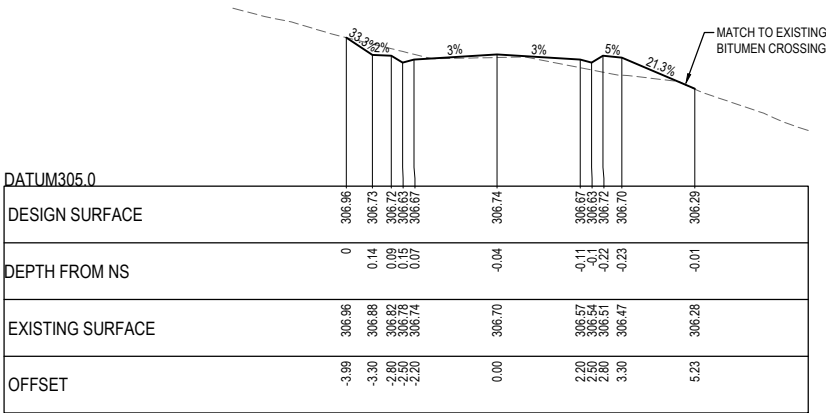
CH 901.99



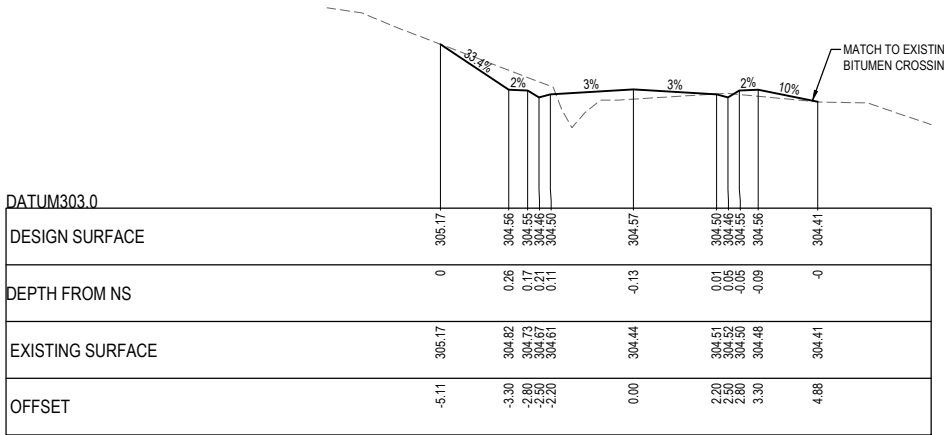
CH 939.57



CH 868.00 - CROSSING NO.57



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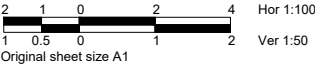


CH 923.38 - CROSSING NO.90

TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

ROAD CENTRELINE CROSS SECTIONS



| DATE     | REVISION                                                     | AUTHORISED | VER. | PLAN STATUS:                  | SCALES:        | LEVEL DATUM | COORDINATE DATUM | CHECKED BY                        | SHEET NO. | VERSION |
|----------|--------------------------------------------------------------|------------|------|-------------------------------|----------------|-------------|------------------|-----------------------------------|-----------|---------|
| 20.07.20 | PRELIMINARY DESIGN                                           | AG         | 00   | TENDER (NOT FOR CONSTRUCTION) | AS SHOWN AT A1 | A.H.D.      | MGA              | XXXX                              | C410      | 05      |
| 15.12.20 | PRELIMINARY DESIGN - ALIGNMENT UPDATE / COUNCIL COMMENTS     | AG         | 01   |                               |                |             |                  | APPROVED XXXX                     |           |         |
| 17.02.21 | PRELIMINARY DESIGN - FOOTPATH ALIGNMENT / COUNCIL COMMENTS   | AG         | 02   |                               |                |             |                  | MANAGER - INFRASTRUCTURE SERVICES |           |         |
| 23.06.21 | PRELIMINARY DESIGN - SLOW POINTS, SITE DISCUSSION AMENDMENTS | AG         | 03   |                               |                |             |                  |                                   |           |         |
| 26.11.21 | DETAIL DESIGN                                                | AG         | 04   |                               |                |             |                  |                                   |           |         |
| 15.12.21 | TENDER ISSUE                                                 | AG         | 05   |                               |                |             |                  |                                   |           |         |

**WARNING**

BEWARE - UNDERGROUND SERVICES

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**JCA Land Consultants**

THE SUBDIVISION SPECIALISTS

Surveying - Engineering - Town Planning

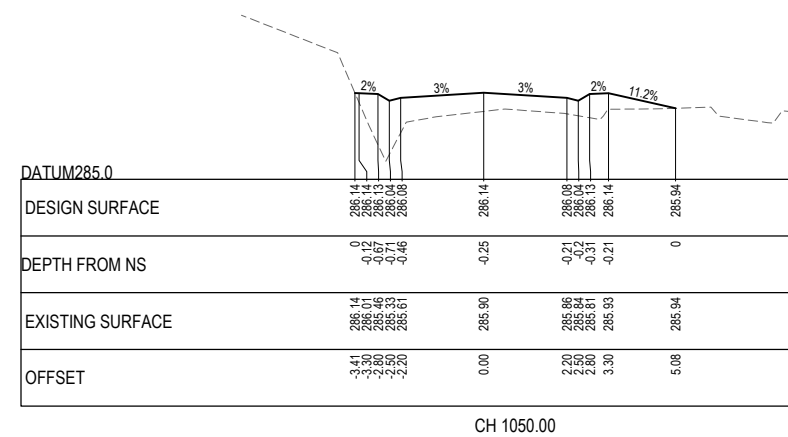
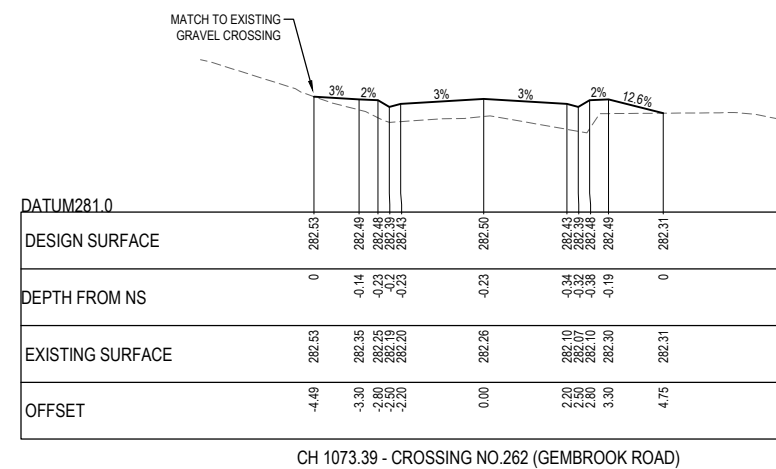
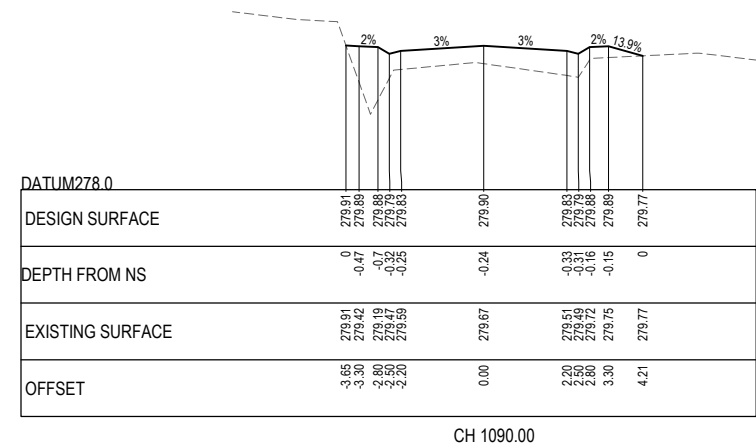
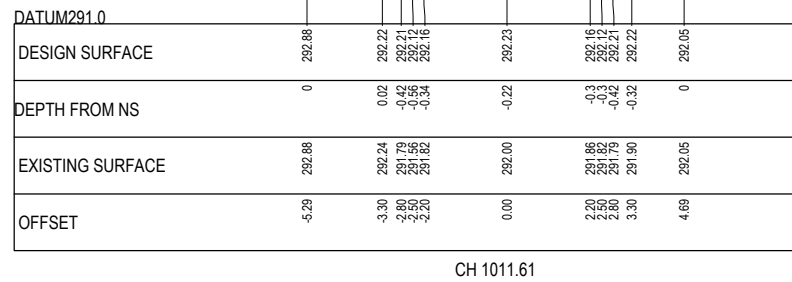
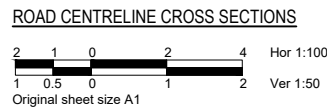
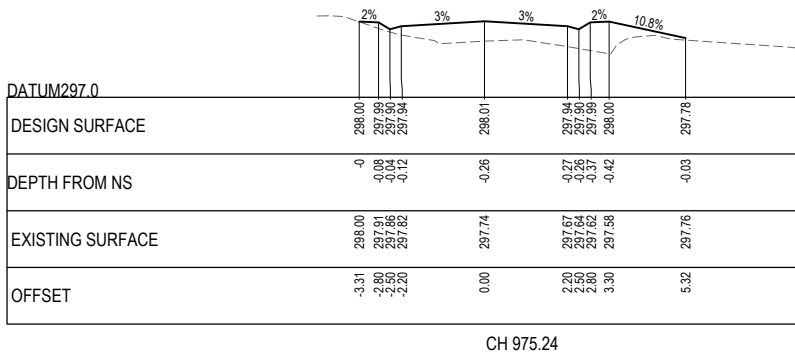
Suite 6, 303 Marcondah Highway  
Ringwood Victoria, Australia 3134

Phone 03 9735 4888 Email jca@jcalc.com.au www.jcalc.com.au

**Yarra Ranges Council**

ROAD RECONSTRUCTION  
MENZIES ROAD, MENZIES CREEK

ROAD CENTRELINE CROSS SECTIONS SHEET 10



**WARNING**  
**Beware - Underground Services**

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|                   |                   |
|-------------------|-------------------|
| SCALES:           | AS SHOWN AT A1    |
| SURVEY BY:        | JCA               |
| PLAN BY:          | B.SKIPWORTH (JCA) |
| CHECKED BY:       | A.GOULDING (JCA)  |
| PROJECT ENGINEER: | G.McCARTHY        |
| DATE:             | 20/07/2020        |
| CAD FILE:         | 262736-C4.dwg     |

LEVEL  
DATUM  
A.H.D.  
COORDINA  
DATUM  
MGA

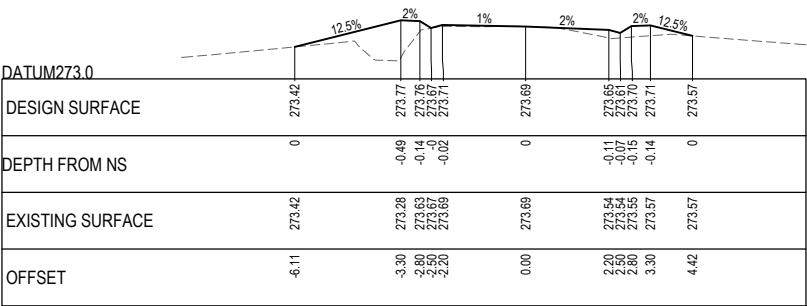


ROAD CENTRELINE CROSS SECTIONS SHEET 10

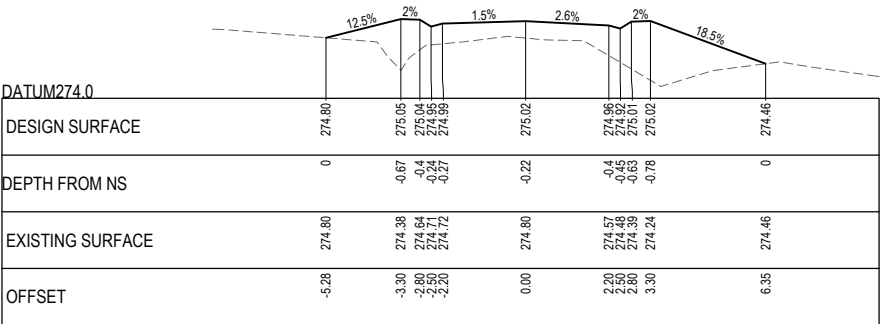
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| CHECKED BY                        | XXXX |
| APPROVED                          | XXXX |
| MANAGER - INFRASTRUCTURE SERVICES |      |

DRAWING NO.

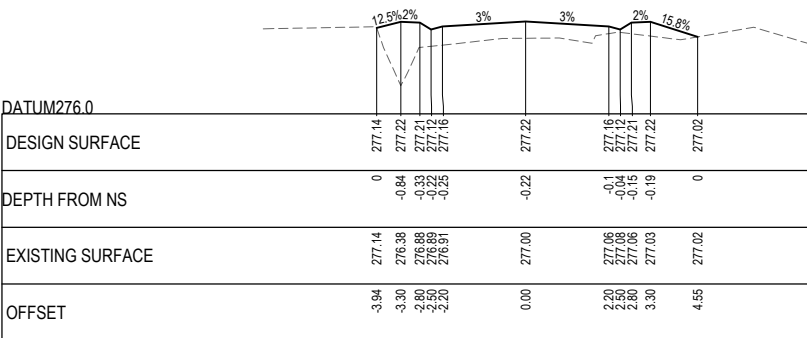
2022 - 002



CH 1149.41



CH 1131.34

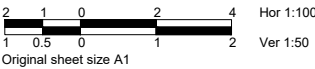


CH 1110.12

TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

ROAD CENTRELINE CROSS SECTIONS



TENDER (NOT FOR CONSTRUCTION)

**WARNING**

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JCA Ref: 26273

SCALES:  
AS SHOWN AT A1

SURVEY BY: JCA  
PLAN BY: B.SKIPWORTH (JCA)  
CHECKED BY: A.GOULDING (JCA)  
PROJECT ENGINEER: G.McCARTHY  
DATE: 20/07/2020  
CAD FILE: 262736-C4.dwg

LEVEL  
DATUM  
A.H.D.  
  
COORDINATE  
DATUM  
MGA



YARRA RANGES COUNCIL

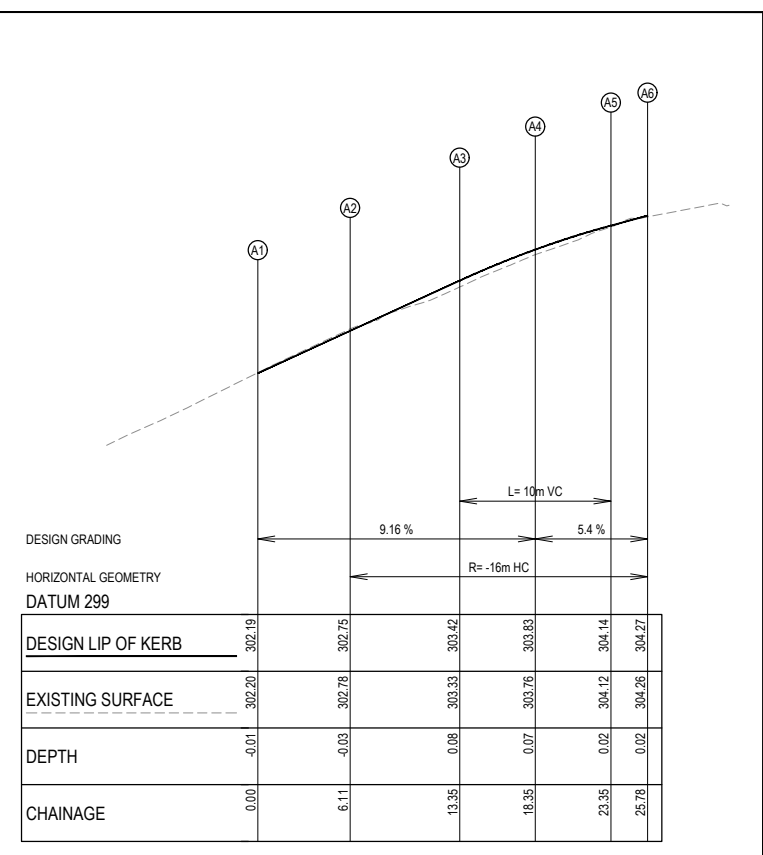
ROAD RECONSTRUCTION  
MENZIES ROAD , MENZIES CREEK

ROAD CENTRELINE CROSS SECTIONS SHEET 10

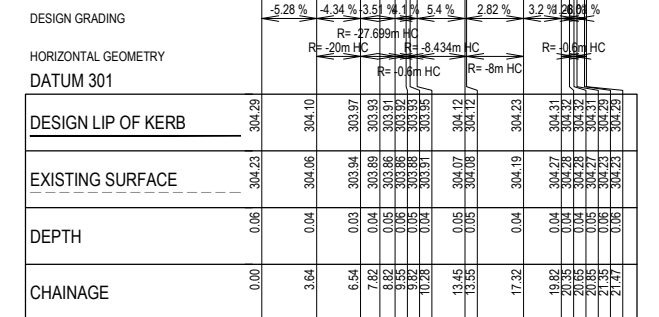
CHECKED BY  
XXXX  
  
APPROVED  
XXXX  
MANAGER - INFRASTRUCTURE  
SERVICES

SHEET NO.  
C412  
  
DRAWING NO.  
2022 - 002

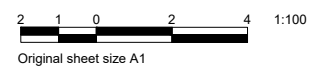
VERSION  
05



Original sheet size A1



5 2.5 0 5 10 Hor 1:250  
1 0.5 0 5 1 Ver 1:50  
Original sheet size A1



(A1) LIP OF KERB A SETOUT SHOWN AS THUS

|    |            |          |
|----|------------|----------|
| H7 | 359994.397 | 5801731. |
|----|------------|----------|

**A1** SCHOOL ROAD CENTRELINE MARKING  
SETOUT OUT SHOWN AS THUS

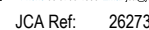
(H1) LIP OF KERB H SETOUT SHOWN AS THUS

NOT TO BE USED FOR CONSTRUCTION

PLAN STATUS: TENDER (NOT FOR CONSTRUCTION)



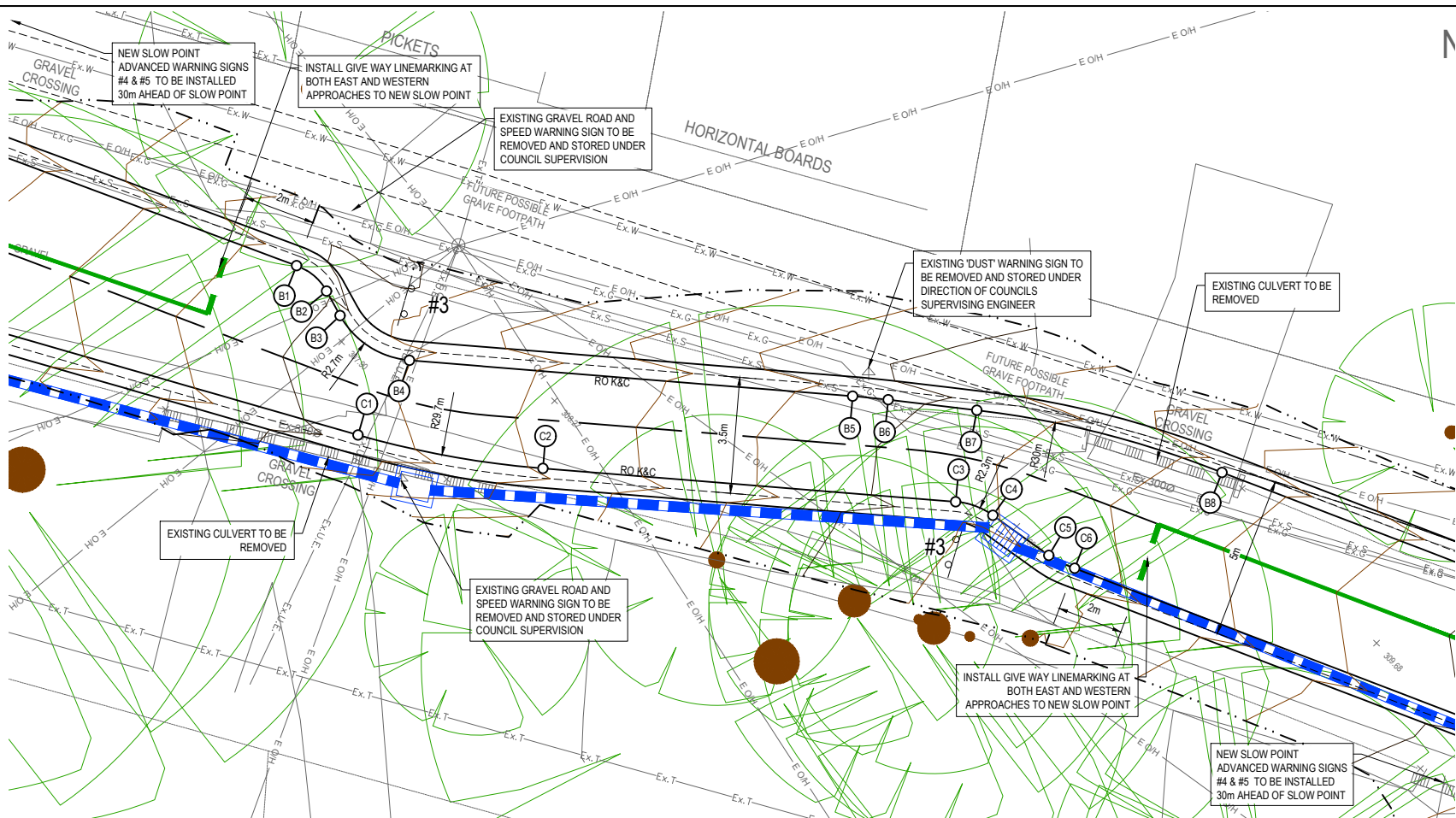
**DIAL BEFORE  
YOU DIG**  
[www.1100.com.au](http://www.1100.com.au)



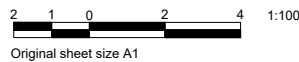
|                          |                            |
|--------------------------|----------------------------|
| LEVEL<br>DATUM<br>A.H.D. | COORDINATE<br>DATUM<br>MGA |
|--------------------------|----------------------------|



DRAWING NO.  
2022 - 002

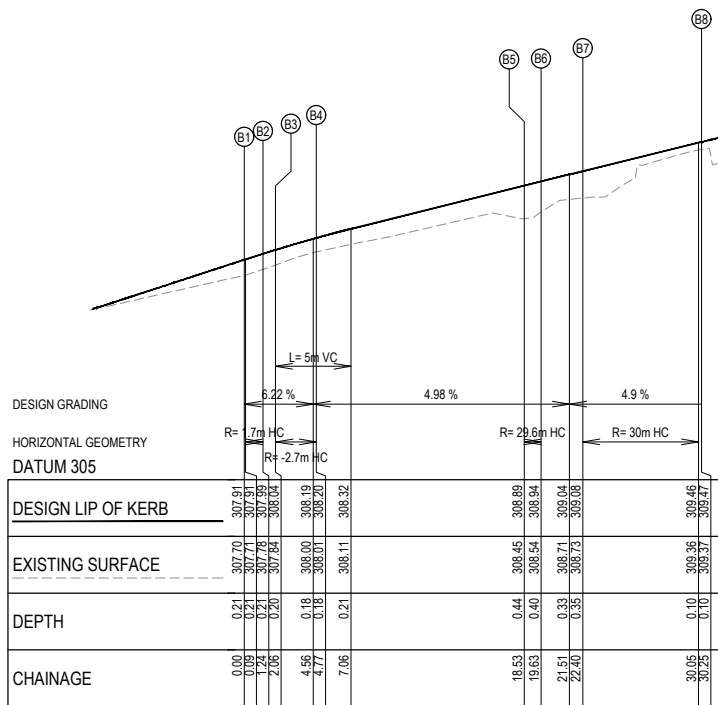


SLOW POINT 1 DETAIL PLAN

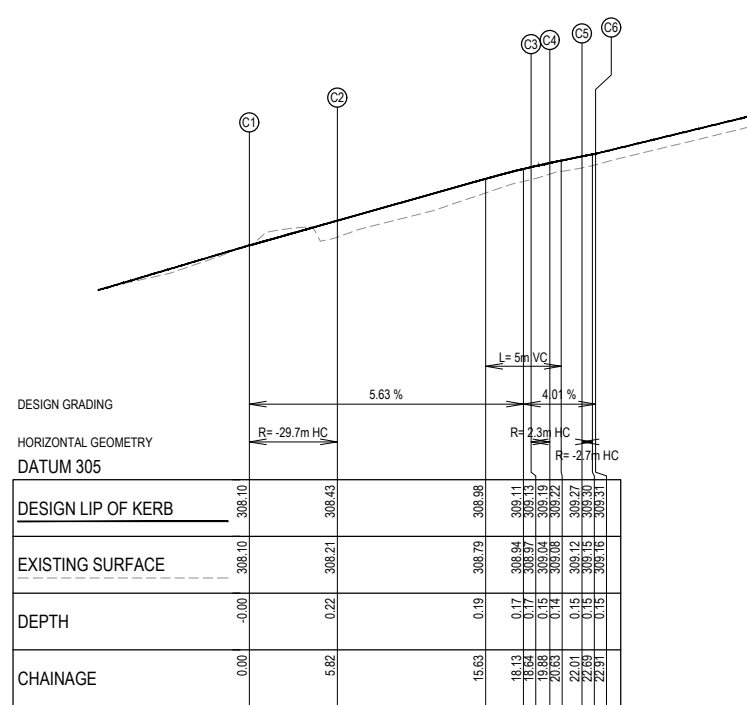
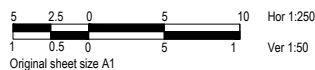


|    |  |               |    |  |               |    |  |                |
|----|--|---------------|----|--|---------------|----|--|----------------|
| #1 |  | 750mm HEIGHT  | #2 |  | 450mm X 600mm | #3 |  | 1600mm X 400mm |
| #4 |  | 600mm X 600mm | #5 |  | 600mm X 400mm | #6 |  | 450mm X 450mm  |

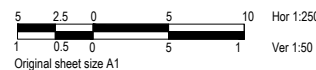
SIGNAGE LEGEND



SLOWPOINT 1 LIP OF KERB LONGITUDINAL SECTION



SLOWPOINT 1 LIP OF KERB LONGITUDINAL SECTION



TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE       | REVISION      | AUTHORISED | VER. |
|------------|---------------|------------|------|
| 26.11.2021 | DETAIL DESIGN | AG         | 00   |
| 15.12.2021 | TENDER ISSUE  | AG         | 01   |

PLAN STATUS: TENDER (NOT FOR CONSTRUCTION)

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JCA Ref: 26273

|                              |
|------------------------------|
| SCALES:<br>AS SHOWN AT A1    |
| SURVEY BY: JCA               |
| PLAN BY: B.SKIPWORTH (JCA)   |
| CHECKED BY: A.GOULDING (JCA) |
| PROJECT ENGINEER: G.McCARTHY |
| DATE: 15/10/2021             |
| CAD FILE: 262736-C1.dwg      |

|                            |
|----------------------------|
| LEVEL<br>DATUM<br>A.H.D.   |
| COORDINATE<br>DATUM<br>MGA |

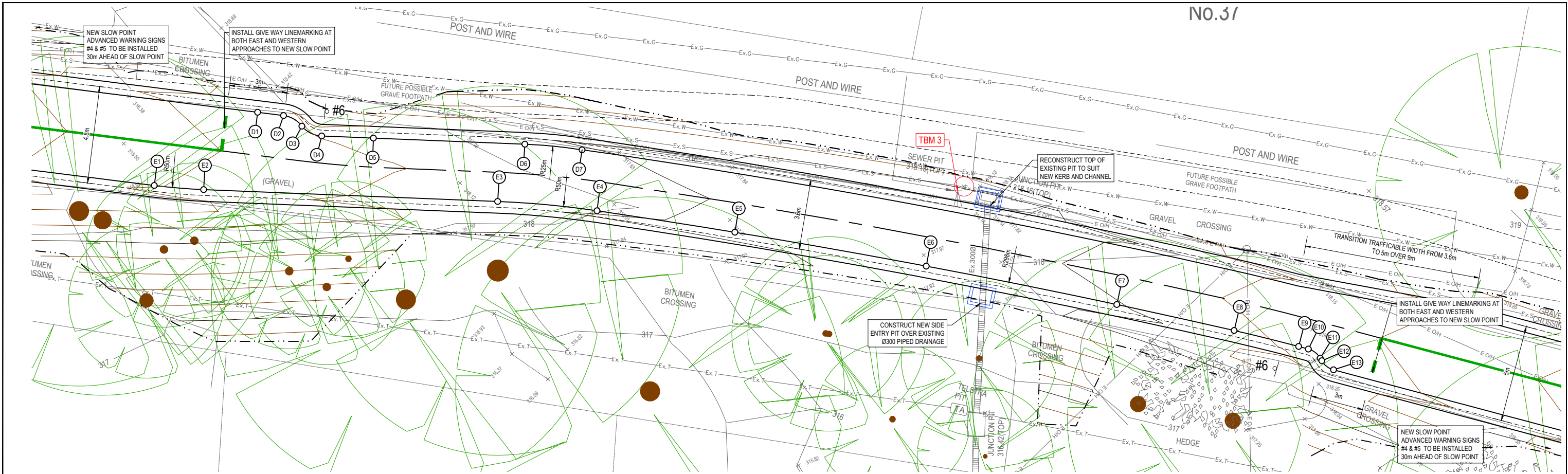


YARRA RANGES COUNCIL

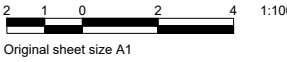
ROAD RECONSTRUCTION  
MENZIES ROAD, MENZIES CREEK

SLOW POINT 1 KERB SETOUT DETAIL

|                                                          |                           |               |
|----------------------------------------------------------|---------------------------|---------------|
| CHECKED BY<br>XXXX                                       | SHEET NO.<br>C502         | VERSION<br>01 |
| APPROVED<br>XXXX<br>MANAGER - INFRASTRUCTURE<br>SERVICES | DRAWING NO.<br>2022 - 002 |               |



SLOW POINT 2 DETAIL PLAN



| LIP OF D KERB SETOUT - SLOW POINT 2 |            |             |
|-------------------------------------|------------|-------------|
| POINT I.D                           | EASTING    | NORTHING    |
| D1                                  | 360440.448 | 5801633.442 |
| D2                                  | 360441.780 | 5801633.274 |
| D3                                  | 360442.724 | 5801632.729 |
| D4                                  | 360443.747 | 5801632.223 |
| D5                                  | 360446.404 | 5801632.116 |
| D6                                  | 360454.197 | 5801631.802 |
| D7                                  | 360457.139 | 5801631.509 |

| LIP OF E KERB SETOUT - SLOW POINT 2 |            |             |
|-------------------------------------|------------|-------------|
| POINT I.D                           | EASTING    | NORTHING    |
| E1                                  | 360435.131 | 5801629.676 |
| E2                                  | 360437.669 | 5801629.466 |
| E3                                  | 360452.794 | 5801628.856 |
| E4                                  | 360457.907 | 5801628.378 |
| E5                                  | 360464.998 | 5801627.272 |
| E6                                  | 360474.845 | 5801625.531 |
| E7                                  | 360484.648 | 5801623.556 |
| E8                                  | 360490.688 | 5801622.219 |
| E9                                  | 360494.005 | 5801621.398 |
| E10                                 | 360494.504 | 5801621.265 |
| E11                                 | 360495.112 | 5801620.800 |
| E12                                 | 360495.193 | 5801620.660 |
| E13                                 | 360495.801 | 5801620.196 |

D1 LIP OF KERB D SETOUT SHOWN AS THUS

E1 LIP OF KERB E SETOUT SHOWN AS THUS

#1

750mm HEIGHT

R1-2A

#2

450mm X 600mm

R2-3A(L)

#3

1600mm X 400mm

D4-1-1A (R)

#4

600mm X 600mm

W5-33A

#5

600mm X 400mm

W8-16A

#6

450mm X 450mm

D4-1-2A (R)

SIGNAGE LEGEND

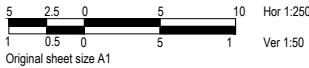
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|--------------------|--|---------------------|--|
| DATUM 315          |  | DATUM 315           |  |
| DESIGN LIP OF KERB |  | EXISTING SURFACE    |  |
| DEPTH              |  | CHAINAGE            |  |
| 0.00               |  | 0.00                |  |
| 1.34               |  | 1.34                |  |
| 2.40               |  | 2.40                |  |
| 3.91               |  | 3.91                |  |
| 6.41               |  | 6.41                |  |
| 14.10              |  | 14.10               |  |
| 17.06              |  | 17.06               |  |

SLOWPOINT 2 LIP OF KERB LONGITUDINAL SECTION



| DESIGN GRADING     |  | HORIZONTAL GEOMETRY |  |
|--------------------|--|---------------------|--|
| DATUM 315          |  | DATUM 315           |  |
| DESIGN LIP OF KERB |  | EXISTING SURFACE    |  |
| DEPTH              |  | CHAINAGE            |  |
| 0.00               |  | 0.00                |  |
| 2.55               |  | 2.55                |  |
| 17.06              |  | 17.06               |  |
| 22.82              |  | 22.82               |  |
| 28.13              |  | 28.13               |  |
| 30.00              |  | 30.00               |  |
| 40.00              |  | 40.00               |  |
| 41.00              |  | 41.00               |  |
| 46.00              |  | 46.00               |  |
| 50.00              |  | 50.00               |  |
| 51.00              |  | 51.00               |  |
| 56.19              |  | 56.19               |  |
| 59.00              |  | 59.00               |  |
| 60.00              |  | 60.00               |  |
| 61.00              |  | 61.00               |  |
| 61.05              |  | 61.05               |  |

SLOWPOINT 2 LIP OF KERB LONGITUDINAL SECTION



TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE       | REVISION      | AUTHORISED | VER. |
|------------|---------------|------------|------|
| 26.11.2021 | DETAIL DESIGN | AG         | 00   |
| 15.12.2021 | TENDER ISSUE  | AG         | 01   |

TENDER (NOT FOR CONSTRUCTION)

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JCA Ref: 26273

|                   |                   |
|-------------------|-------------------|
| SCALE:            | AS SHOWN AT A1    |
| SURVEY BY:        | JCA               |
| PLAN BY:          | B.SKIPWORTH (JCA) |
| CHECKED BY:       | A.GOULDING (JCA)  |
| PROJECT ENGINEER: | G.McCARTHY        |
| DATE:             | 15/10/2021        |
| CAD FILE:         | 262736-C1.dwg     |

LEVEL DATUM  
A.H.D.



YARRA RANGES COUNCIL

ROAD RECONSTRUCTION  
MENZIES ROAD, MENZIES CREEK

SLOW POINT 2 KERB SETOUT DETAIL

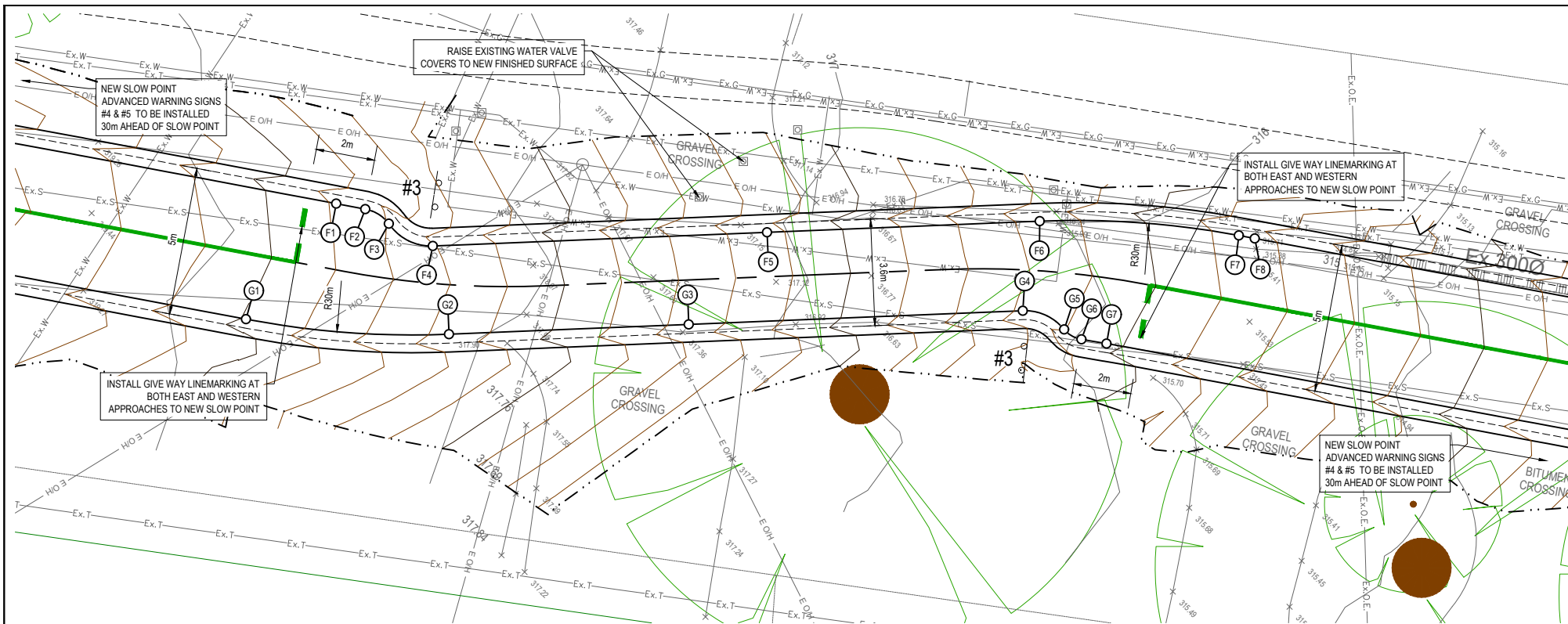
CHECKED BY  
XXXX

APPROVED  
XXXX  
MANAGER - INFRASTRUCTURE SERVICES

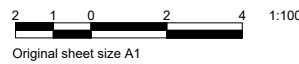
SHEET NO.  
C503

VERSION  
01

DRAWING NO.  
2022 - 002



SLOW POINT 1 DETAIL PLAN



| LIP OF F KERB SETOUT - SLOW POINT 3 |            |             |
|-------------------------------------|------------|-------------|
| POINT I.D                           | EASTING    | NORTHING    |
| F1                                  | 360702.770 | 5801592.268 |
| F2                                  | 360703.754 | 5801592.083 |
| F3                                  | 360704.549 | 5801591.591 |
| F4                                  | 360706.036 | 5801590.836 |
| F5                                  | 360717.327 | 5801591.299 |
| F6                                  | 360726.537 | 5801591.676 |
| F7                                  | 360733.265 | 5801591.193 |
| F8                                  | 360733.802 | 5801591.092 |

| LIP OF G KERB SETOUT - SLOW POINT 3 |            |             |
|-------------------------------------|------------|-------------|
| POINT I.D                           | EASTING    | NORTHING    |
| G1                                  | 360699.723 | 5801588.364 |
| G2                                  | 360706.582 | 5801587.856 |
| G3                                  | 360714.681 | 5801588.188 |
| G4                                  | 360725.965 | 5801588.650 |
| G5                                  | 360727.361 | 5801588.016 |
| G6                                  | 360727.946 | 5801587.685 |
| G7                                  | 360728.793 | 5801587.538 |

G1 LIP OF KERB G SETOUT SHOWN AS THUS

F1 LIP OF KERB F SETOUT SHOWN AS THUS

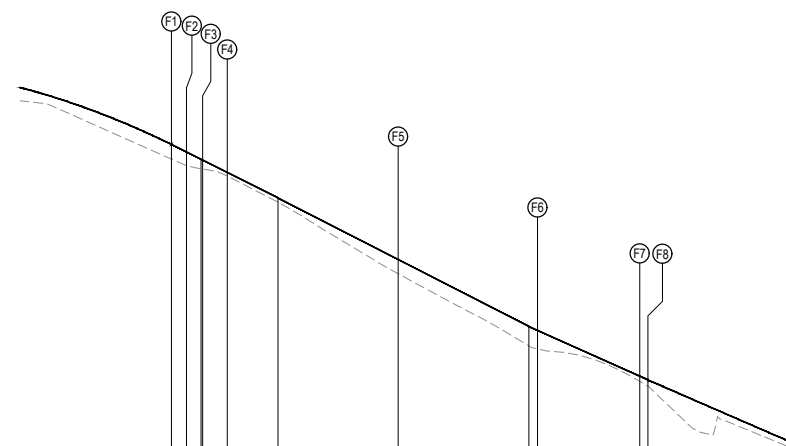
- #1  750mm HEIGHT

#4  600mm X 600mm
- #2  450mm X 600mm

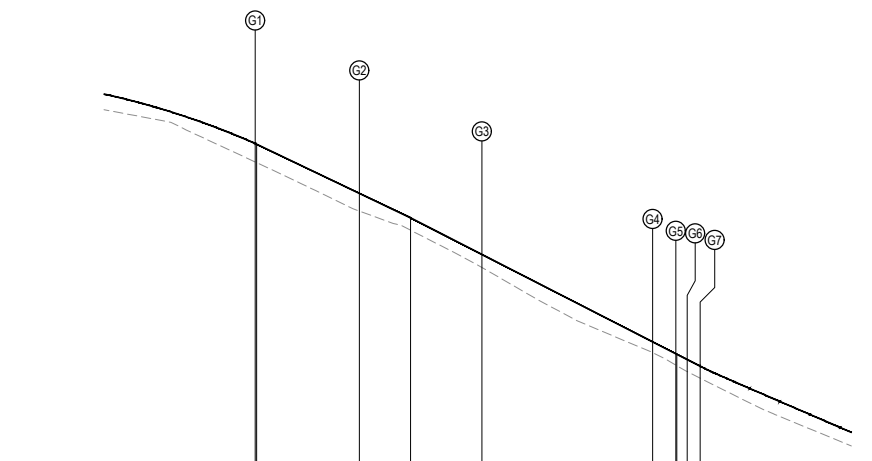
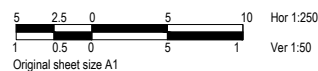
#5  600mm X 400mm
- #3  1600mm X 400mm

#6  450mm X 450mm

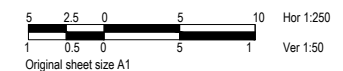
SIGNAGE LEGEND



SLOWPOINT 3 LIP OF KERB LONGITUDINAL SECTION



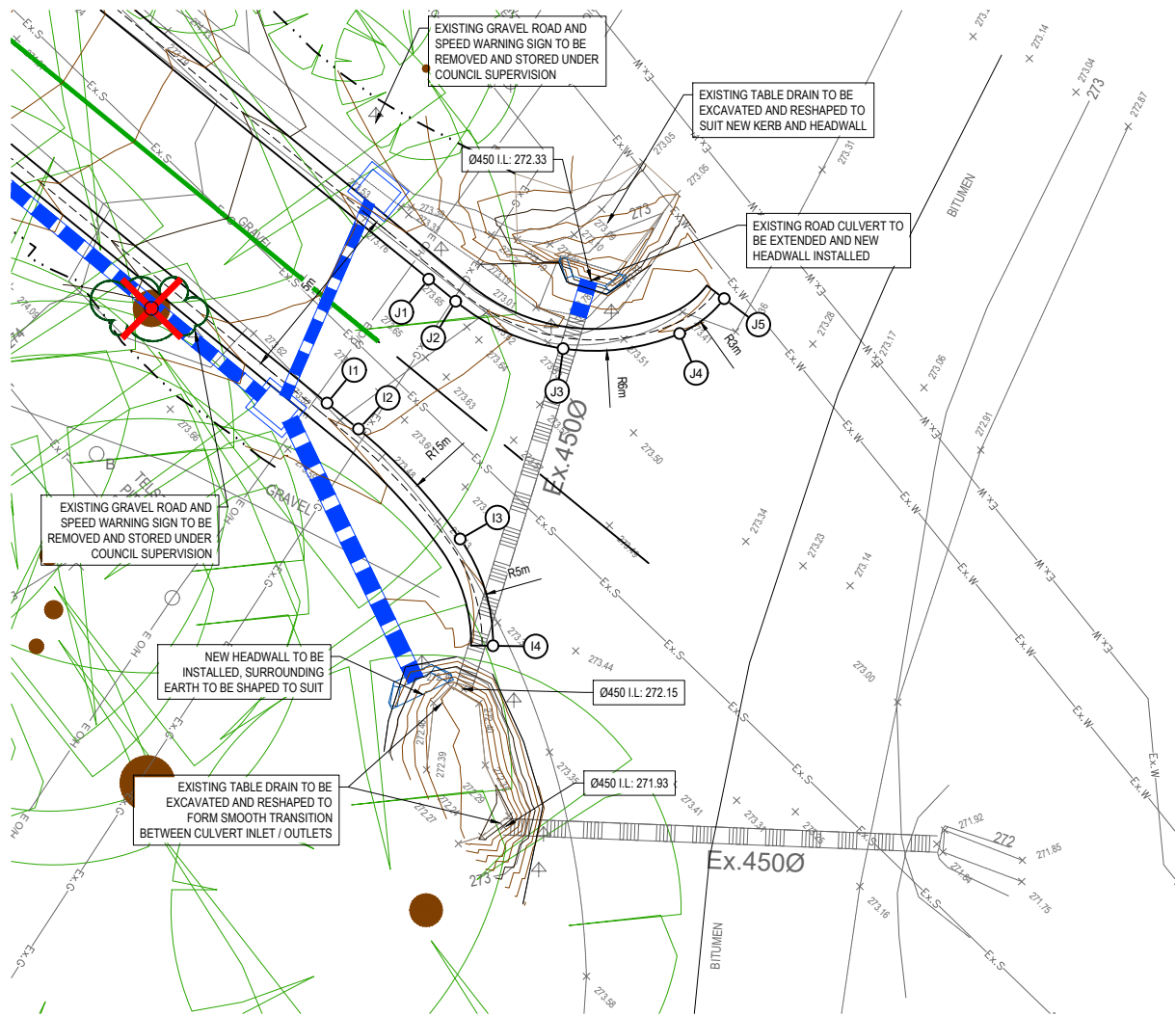
SLOWPOINT 3 LIP OF KERB LONGITUDINAL SECTION



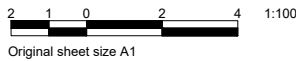
TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE       | REVISION      | AUTHORISED | VER. | PLAN STATUS: | TENDER (NOT FOR CONSTRUCTION)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | SCALES:                                                                                                                                                     | YARRA RANGES COUNCIL                                |  | CHECKED BY:                                         | SHEET NO.                 | VERSION |
|------------|---------------|------------|------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|--|-----------------------------------------------------|---------------------------|---------|
| 26.11.2021 | DETAIL DESIGN | AG         | 00   |              | <div><p><b>WARNING</b></p><p>BEWARE - UNDERGROUND SERVICES</p><p>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</p></div> <div></div> |  | AS SHOWN AT A1                                                                                                                                              | ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK |  | XXXX                                                | C504                      | 01      |
| 15.12.2021 | TENDER ISSUE  | AG         | 01   |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | SURVEY BY: JCA<br>PLAN BY: B.SKIPWORTH (JCA)<br>CHECKED BY: A.GOULDING (JCA)<br>PROJECT ENGINEER: G.McCARTHY<br>DATE: 15/10/2021<br>CAD FILE: 262736-C1.dwg |                                                     |  | APPROVED: XXXX<br>MANAGER - INFRASTRUCTURE SERVICES | DRAWING NO.<br>2022 - 002 |         |



BELGRAVE-GEMBROOK RD AND MENZIES ROAD  
INTERSECTION DETAIL PLAN

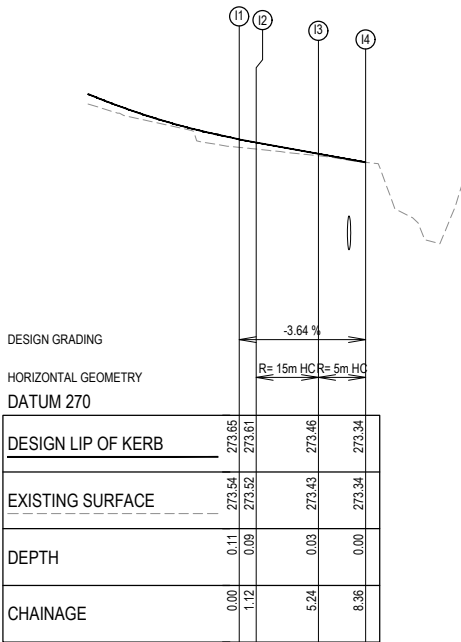


| LIP OF I KERB SETOUT |             |              |
|----------------------|-------------|--------------|
| POINT I.D            | EASTING     | NORTHING     |
| I1                   | 361012.4620 | 5801389.3870 |
| I2                   | 361013.3270 | 5801388.6770 |
| I3                   | 361016.1180 | 5801385.6610 |
| I4                   | 361017.0170 | 5801382.7300 |

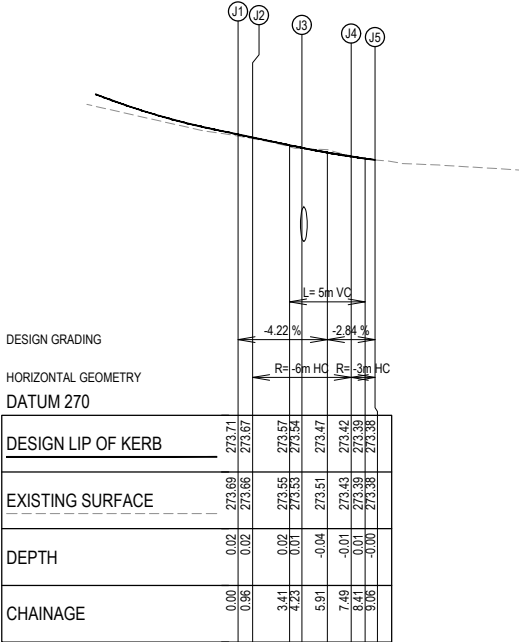
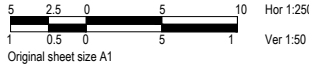
I1 LIP OF KERB F SETOUT SHOWN AS THUS

| LIP OF J KERB SETOUT |            |             |
|----------------------|------------|-------------|
| POINT I.D            | EASTING    | NORTHING    |
| J1                   | 361015.251 | 5801392.790 |
| J2                   | 361015.993 | 5801392.182 |
| J3                   | 361018.945 | 5801390.882 |
| J4                   | 361022.140 | 5801391.298 |
| J5                   | 361023.363 | 5801392.253 |

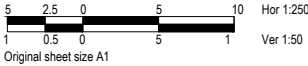
J1 LIP OF KERB G SETOUT SHOWN AS THUS



LIP OF KERB I LONGITUDINAL SECTION



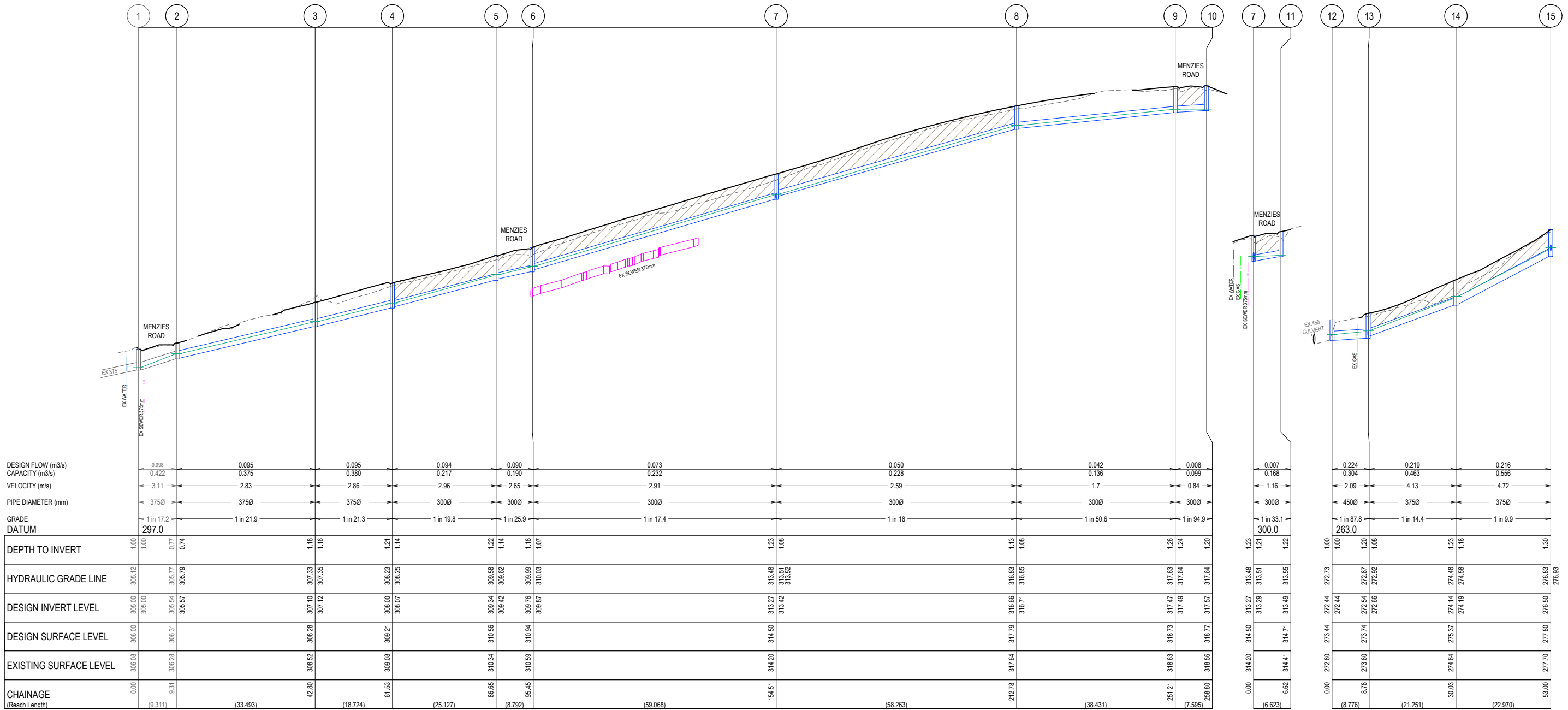
LIP OF KERB J LONGITUDINAL SECTION



TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE           |  | REVISION      | AUTHORISED | VER. | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                   | SCALES:                                                                                                                                                                                                    | YARRA RANGES COUNCIL                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |                                                                                       |            |             |         |  |
|----------------|--|---------------|------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|-------------|---------|--|
| 26.11.2021     |  | DETAIL DESIGN | AG         | 00   | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</div></div> | AS SHOWN AT A1                                                                                                                                                                                             | LEVEL DATUM<br>A.H.D.                                                                                                                                                                                                                                                                                                                                                        |  | ROAD RECONSTRUCTION<br>MENZIES ROAD , MENZIES CREEK                                   | CHECKED BY | SHEET NO.   | VERSION |  |
| 15.12.2021     |  | TENDER ISSUE  | AG         | 01   |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |            |             |         |  |
|                |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |            |             |         |  |
|                |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                | <div><div><div>DIAL BEFORE<br/>YOU DIG</div><div>www.1100.com.au</div><div>The Essential First Step</div></div></div> | <div><div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 Marcondah Highway<br/>Ringwood Victoria, Australia 3134<br/>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</div></div></div> | COORDINATE DATUM<br>MGA                                                               |  | APPROVED   | DRAWING NO. |         |  |
|                |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |            |             |         |  |
|                |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                              |                                                                                       |                                                                                       |            |             |         |  |
| JCA Ref: 26273 |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                | CAD FILE: 262736-C1.dwg                                                                                                                                                                                    | BELGRAVE - GEMBROOK ROAD + MENZIES ROAD INTERSECTION DETAIL                                                                                                                                                                                                                                                                                                                  |                                                                                       |                                                                                       |            |             |         |  |



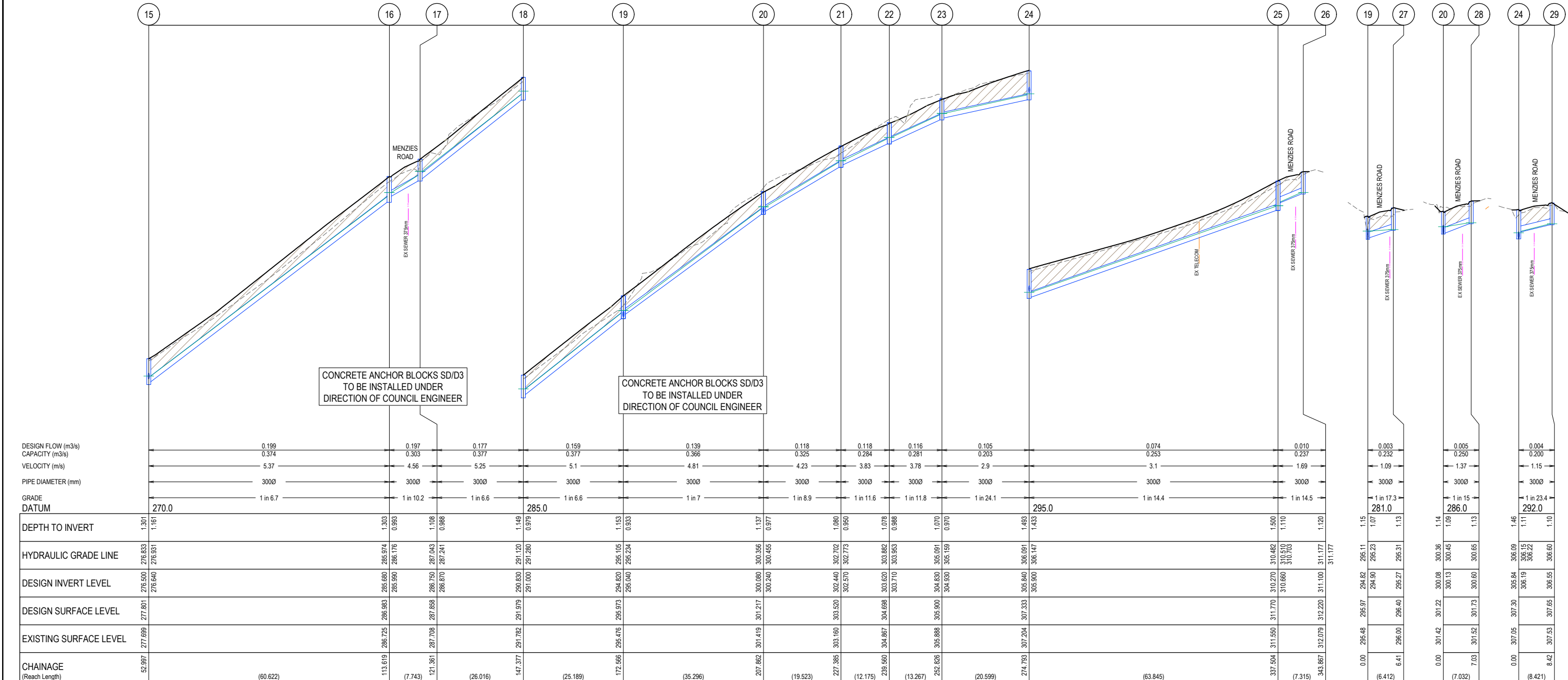
DRAINAGE LONGITUDINAL SECTION

10 5 0 10 20 Hor 1:500  
2 1 0 2 4 Ver 1:100  
Original sheet size A1

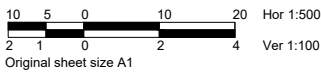
INDICATES AREA OF CRUSHED ROCK BACKFILL

TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION



DRAINAGE LONGITUDINAL SECTION

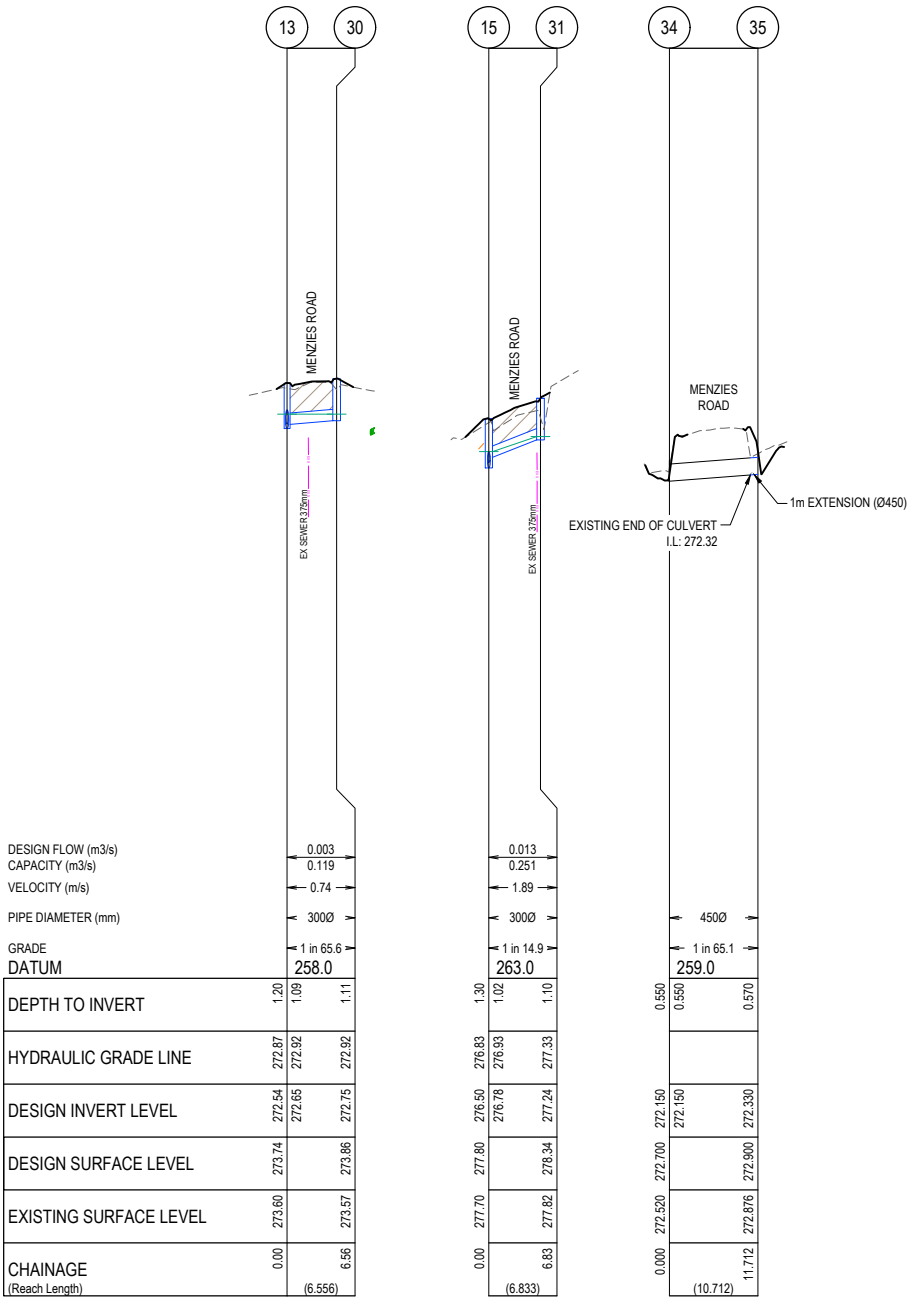


INDICATES AREA OF CRUSHED ROCK BACKFILL

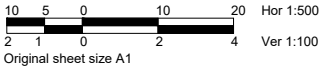
TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| DATE       | REVISION      | AUTHORISED | VER. | PLAN STATUS:                  | THROWING                                                                                                                                                                                                                                                                                                                       | SCALES:        | LEVEL  | COORDINATE | YARRA RANGES COUNCIL           | CHECKED BY                        | SHEET NO.  | VERSION |
|------------|---------------|------------|------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------|------------|--------------------------------|-----------------------------------|------------|---------|
| 26.11.2021 | DETAIL DESIGN | AG         | 00   | TENDER (NOT FOR CONSTRUCTION) | WARNING                                                                                                                                                                                                                                                                                                                        | AS SHOWN AT A1 | DATUM  | MGA        | ROAD RECONSTRUCTION            | XXXX                              | C602       | 01      |
| 15.12.2021 | TENDER ISSUE  | AG         | 01   |                               | BEWARE - UNDERGROUND SERVICES                                                                                                                                                                                                                                                                                                  |                | A.H.D. |            | MENZIES ROAD, MENZIES CREEK    | APPROVED                          |            |         |
|            |               |            |      |                               | THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS. |                |        |            | DRAINAGE LONGITUDINAL SECTIONS | MANAGER - INFRASTRUCTURE SERVICES | 2022 - 002 |         |



DRAINAGE LONGITUDINAL SECTION



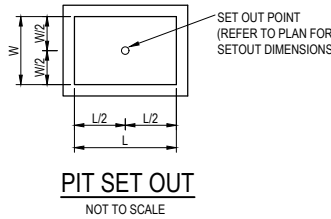
INDICATES AREA OF CRUSHED ROCK BACKFILL

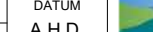
TENDER ISSUE

NOT TO BE USED FOR CONSTRUCTION

| PIT SCHEDULE |        |            |             |          |     |            |                  |        |         |           |       |            |          |                                                                                                                                  |
|--------------|--------|------------|-------------|----------|-----|------------|------------------|--------|---------|-----------|-------|------------|----------|----------------------------------------------------------------------------------------------------------------------------------|
| PIT          |        |            |             | INTERNAL |     | INLET      |                  | OUTLET |         | PIT       |       |            |          |                                                                                                                                  |
| NAME         | TYPE   | EASTING    | NORTHING    | WD       | LEN | DIA        | INV LEV          | DIA    | INV LEV | SETOUT RL | DEPTH | STEP IRONS | STD DWGS | REMARKS                                                                                                                          |
| 1            | EX.SEP |            |             |          |     | EX.375     | EX.305           |        |         | 306.00    | 1.00  |            |          | RECONSTRUCT TOP OF EXISTING SIDE ENTRY PIT TO SUITE NEW KERB AND CHANNEL                                                         |
| 2            | SEP    | 360038.844 | 5801719.876 | 1000     | 750 | 375        | 305.57           | 375    | 305.54  | 306.31    | 0.77  | N          | SD/P1    | CONSTRUCT NEW SIDE ENTRY PIT OVER EXISTING PIPE AND CONSTRUCT TOP OF PIT TO SUIT NEW KERB AND CHANNEL                            |
| 3            | JP     | 360071.238 | 5801711.368 | 1000     | 750 | 375        | 307.12           | 375    | 307.10  | 308.28    | 1.18  | Y          | SD/P4    |                                                                                                                                  |
| 4            | GSEP   | 360089.899 | 5801709.833 | 1000     | 750 | 300        | 308.07           | 375    | 308.00  | 309.21    | 1.21  | Y          | SD/P3    |                                                                                                                                  |
| 5            | GSEP   | 360113.383 | 5801701.091 | 1000     | 750 | 300        | 309.42           | 300    | 309.34  | 310.56    | 1.22  | Y          | SD/P3    |                                                                                                                                  |
| 6            | GSEP   | 360121.069 | 5801701.783 | 1000     | 750 | 300        | 309.87           | 300    | 309.76  | 310.94    | 1.18  | Y          | SD/P3    |                                                                                                                                  |
| 7            | GSEP   | 360177.990 | 5801686.233 | 1000     | 750 | 300<br>300 | 313.42<br>313.29 | 300    | 313.27  | 314.50    | 1.23  | Y          | SD/P3    |                                                                                                                                  |
| 8            | JP     | 360234.614 | 5801671.139 | 1000     | 750 | 300        | 316.71           | 300    | 316.66  | 317.79    | 1.13  | Y          | SD/P4    |                                                                                                                                  |
| 9            | SEP    | 360271.727 | 5801662.077 | 1000     | 750 | 300        | 317.49           | 300    | 317.47  | 318.73    | 1.26  | Y          | SD/P1    |                                                                                                                                  |
| 10           | SEP    | 360274.247 | 5801654.895 | 1000     | 750 |            |                  | 300    | 317.57  | 318.77    | 1.20  | Y          | SD/P1    |                                                                                                                                  |
| 11           | SEP    | 360179.074 | 5801679.052 | 1000     | 750 |            |                  | 300    | 313.49  | 314.71    | 1.22  | Y          | SD/P1    |                                                                                                                                  |
| 12           | EW     | 361015.019 | 5801381.433 |          |     | 450        | 272.44           |        |         | 273.44    | 1.00  | Y          |          | END WALL TO BE VICROADS APPROVED MOUNTABLE ENDWALL AS PER STD DWG SD1991. SHAPE EXISTING TABLE DRAIN TO SUIT NEW END WALL OUTLET |
| 13           | SEP    | 361011.063 | 5801389.267 | 1000     | 750 | 375<br>300 | 272.66<br>272.65 | 450    | 272.54  | 273.74    | 1.20  | Y          | SD/P1    |                                                                                                                                  |
| 14           | JP     | 360994.695 | 5801402.821 | 1000     | 750 | 375        | 274.19           | 375    | 274.14  | 275.37    | 1.23  | Y          | SD/P4    |                                                                                                                                  |
| 15           | GSEP   | 360981.004 | 5801421.210 | 1000     | 750 | 300<br>300 | 276.64<br>276.78 | 375    | 276.50  | 277.80    | 1.30  | Y          | SD/P3    |                                                                                                                                  |
| 16           | GSEP   | 360945.836 | 5801470.591 | 1000     | 750 | 300        | 285.99           | 300    | 285.68  | 286.98    | 1.30  | Y          | SD/P3    |                                                                                                                                  |
| 17           | GSEP   | 360945.497 | 5801477.099 | 1000     | 750 | 300        | 286.87           | 300    | 286.75  | 287.86    | 1.11  | Y          | SD/P3    |                                                                                                                                  |
| 18           | GSEP   | 360930.470 | 5801498.320 | 1000     | 750 | 300        | 291.00           | 300    | 290.83  | 291.98    | 1.15  | Y          | SD/P3    |                                                                                                                                  |
| 19           | GSEP   | 360915.074 | 5801518.183 | 1000     | 750 | 300<br>300 | 295.04<br>294.90 | 300    | 294.82  | 295.97    | 1.15  | Y          | SD/P3    |                                                                                                                                  |
| 20           | GSEP   | 360891.495 | 5801544.395 | 1000     | 750 | 300<br>300 | 300.24<br>300.13 | 300    | 300.08  | 301.21    | 1.13  | Y          | SD/P3    |                                                                                                                                  |
| 21           | JP     | 360878.036 | 5801558.471 | 1000     | 750 | 300        | 302.57           | 300    | 302.44  | 303.52    | 1.08  | Y          | SD/P4    | HEAVY DUTY GATIC COVER                                                                                                           |
| 22           | GSEP   | 360868.205 | 5801565.450 | 1000     | 750 | 300        | 303.71           | 300    | 303.62  | 304.69    | 1.07  | Y          | SD/P3    |                                                                                                                                  |
| 23           | JP     | 360856.641 | 5801571.899 | 1000     | 750 | 300        | 304.93           | 300    | 304.83  | 305.90    | 1.07  | Y          | SD/P4    |                                                                                                                                  |
| 24           | GSEP   | 360834.771 | 5801573.953 | 1000     | 750 | 300<br>300 | 305.9<br>306.19  | 300    | 305.84  | 307.30    | 1.46  | Y          | SD/P3    | HEAVY DUTY GATIC COVER                                                                                                           |
| 25           | GSEP   | 360772.760 | 5801583.295 | 1000     | 750 | 300        | 310.66           | 300    | 310.27  | 311.76    | 1.49  | Y          | SD/P3    | HEAVY DUTY GATIC COVER                                                                                                           |
| 26           | SEP    | 360767.990 | 5801579.083 | 1000     | 750 |            |                  | 300    | 311.10  | 312.22    | 1.12  | Y          | SD/P1    |                                                                                                                                  |
| 27           | SEP    | 360909.698 | 5801516.904 | 1000     | 750 |            |                  | 300    | 295.27  | 296.39    | 1.12  | Y          | SD/P1    |                                                                                                                                  |
| 28           | SEP    | 360885.281 | 5801543.889 | 1000     | 750 |            |                  | 300    | 300.60  | 301.73    | 1.13  | Y          | SD/P1    |                                                                                                                                  |
| 29           | SEP    | 360829.570 | 5801569.670 | 1000     | 750 |            |                  | 300    | 306.55  | 307.65    | 1.10  | Y          | SD/P1    |                                                                                                                                  |
| 30           | SEP    | 361013.864 | 5801395.194 | 1000     | 750 |            |                  | 300    | 272.75  | 273.86    | 1.11  | Y          | SD/P1    |                                                                                                                                  |
| 31           | GSEP   | 360981.464 | 5801426.598 | 1000     | 750 |            |                  | 300    | 277.24  | 278.34    | 1.10  | Y          | SD/P3    |                                                                                                                                  |
| 32           | SEP    | 360477.695 | 5801623.983 | 1000     | 750 | EX.300     | 316.60           | EX.300 | 317.95  | 317.95    | 1.35  | Y          | SD/P4    | CONSTRUCT NEW SIDE ENTRY PIT OVER EXISTING PIPE AND CONSTRUCT TOP OF PIT TO SUIT NEW KERB AND CHANNEL                            |
| 33           | EX.SEP |            |             |          |     |            |                  | EX.300 | 317.34  | 317.95    | 0.60  |            |          | RECONSTRUCT TOP OF PIT TO SUIT NEW KERB AND CHANNEL                                                                              |

PIT TYPE LEGEND:  
SEP - SIDE ENTRY PIT  
JP - JUNCTION PIT  
EW - END WALL  
GSEP = GRATED SIDE ENTRY PIT



| DATE       |  | REVISION      | AUTHORISED | VER. | PLAN STATUS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SCALES: |  |  |  | YARRA RANGES COUNCIL |  |  |  |
|------------|--|---------------|------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--|--|----------------------|--|--|--|
| 26.11.2021 |  | DETAIL DESIGN | AG         | 00   | <div><div>WARNING</div><div>BEWARE - UNDERGROUND SERVICES</div><div>THE LOCATIONS OF EXISTING UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT DEPTH AND LOCATION SHOULD BE VERIFIED AND PROVEN ON SITE BY THE APPROPRIATE SERVICE PROVIDERS PRIOR TO ANY SITE EXCAVATION. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. CONTRACTOR TO TAKE PRECAUTIONS TO AVOID CONFLICTS.</div></div> <div><div></div><div><div>JCA Land Consultants</div><div>THE SUBDIVISION SPECIALISTS</div><div>Surveying - Engineering - Town Planning</div><div>Suite 9, 303 Marcondah Highway</div><div>Ringwood Victoria, Australia 3134</div><div>Phone 03 9735 4888 Email jca@jca.com.au www.jca.com.au</div></div><div>JCA Ref: 26273</div></div> <div><div>AS SHOWN AT A1</div><div>SURVEY BY: JCA</div><div>PLAN BY: B.SKIPWORTH (JCA)</div><div>CHECKED BY: A.GOULDING (JCA)</div><div>PROJECT ENGINEER: G.McCARTHY</div><div>DATE: 05/10/2021</div><div>CAD FILE: 26273-C6.dwg</div></div> <div><div>LEVEL DATUM</div><div>A.H.D.</div><div>COORDINATE DATUM</div><div>MGA</div></div> <div><div></div><div><div>ROAD RECONSTRUCTION</div><div>MENZIES ROAD , MENZIES CREEK</div><div>DRAINAGE LONGITUDINAL SECTION AND PIT SCHEDULE</div></div></div> <div><div>CHECKED BY</div><div>XXXX</div><div>APPROVED</div><div>XXXX</div><div>MANAGER - INFRASTRUCTURE SERVICES</div></div> <div><div>SHEET NO.</div><div>C603</div><div>DRAWING NO.</div><div>2022 - 002</div></div> <div><div>VERSION</div><div>01</div></div> |         |  |  |  |                      |  |  |  |
| 15.12.2021 |  | TENDER ISSUE  | AG         | 01   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |  |  |  |                      |  |  |  |
|            |  |               |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |  |  |  |                      |  |  |  |
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