



RedSquare
Traffic

Creativity in Transport Engineering

Weir Road and Reedy Lake Road Upgrade Detailed Design Road Safety Audit



Prepared for Strathbogie Shire Council

21 September 2023

Reference J381O512/0923

Revision 02

REVISION HISTORY

| REVISION NO. | DATE | PREPARED BY | REVIEWED BY | APPROVED FOR ISSUE BY |
|--------------|------------|-------------------------|-------------|-----------------------|
| 1.0 | 21/09/2023 | Sachini H. Dinith W. | Sachini H. | Dinith W. |

REDSQUARE TRAFFIC

| PLATFORM | CONTACT DETAILS |
|-----------|---|
| Website | http://www.redsquaretraffic.com.au |
| Telephone | 03 7036 6734 0437 644 054 |
| Email | mail@redsquaretraffic.com.au |
| LinkedIn | https://www.linkedin.com/company/redsquare-traffic |
| Facebook | http://www.facebook.com/RedSquareTraffic |
| Twitter | http://www.twitter.com/redsquaretraffic |
| Blog | https://www.redsquaretraffic.com.au/redsquareblog |
| Location | Suite 36/11 Wilson Street, South Yarra |
| ABN | 70 656 924 757 |
| ACN | 656 924 757 |

DISTRIBUTION LIST

| CLIENT | DATE ISSUED |
|---------------------------|-------------------|
| Strathbogie Shire Council | 21 September 2023 |

The information presented in this document shall remain the property of: **Strathbogie Shire Council** only.



IMPORTANT NOTICE

Unless explicitly stated otherwise in writing, RedSquare Traffic does not accept a duty of care or any other legal responsibility whatsoever in relation to this report, or any related enquiries, advice, or other work, nor does RedSquare Traffic make any representation in connection with this report, to any person other than **Strathbogie Shire Council**. Any other person who receives a draft or a copy of this report (or any part of it) or discusses it (or any part of it) or any related matter with RedSquare Traffic, does so on the basis that he or she acknowledges and accepts that he or she may not rely on this report nor on any related information or advice given by RedSquare Traffic for any purpose whatsoever.

REDSQUARE TRAFFIC

mail@redsquaretraffic.com.au

03 7036 6734 | Suite 36/11, Wilson Street, South Yarra

www.redsquaretraffic.com.au



TABLE OF CONTENTS

| | | |
|-------|--|----|
| 1 | INTRODUCTION..... | 7 |
| 2 | PROJECT DETAILS..... | 8 |
| 3 | EXISTING CONDITIONS..... | 9 |
| 3.1 | ROAD NETWORK..... | 9 |
| 3.1.1 | Weir Road..... | 9 |
| 3.1.2 | Reedy Lake Road..... | 9 |
| 3.2 | PUBLIC TRANSPORT | 10 |
| 3.3 | ACTIVE TRANSPORT..... | 10 |
| 3.4 | CRASH HISTORY | 11 |
| 4 | ROAD SAFETY AUDIT DETAILS..... | 12 |
| 4.1 | ROAD SAFETY AUDIT PROCEDURE..... | 12 |
| 4.2 | THE SAFE SYSTEM..... | 12 |
| 4.3 | ROAD SAFETY AUDIT TEAM..... | 13 |
| 4.4 | SITE INSPECTIONS & MEETINGS | 14 |
| 4.5 | DOCUMENTS ASSESSED | 14 |
| 4.6 | RISK ASSESSMENT..... | 15 |
| 5 | AUDIT FINDINGS & RECOMMENDATIONS..... | 18 |
| 6 | CONCLUSION | 27 |
| 7 | APPENDICES..... | 28 |
| 7.1 | APPENDIX A – DETAILED DESIGN DRAWINGS..... | 28 |



LIST OF FIGURES

| | |
|--|----|
| FIGURE 1: SUBJECT LENGTH (SOURCE: CAF CONSULTING)..... | 8 |
| FIGURE 2: WEIR ROAD | 9 |
| FIGURE 3: REEDY LAKE ROAD | 10 |



LIST OF TABLES

| | |
|---|----|
| TABLE 1: SAFE SYSTEM KINETIC ENERGY | 13 |
| TABLE 2: SAFE SYSTEM TREATMENT CATEGORIES | 13 |
| TABLE 3: LIKELIHOOD OF A CRASH (AUSTROADS, 2019)..... | 15 |
| TABLE 4: LIKELY SEVERITY OF THE RESULTING CRASH TYPE..... | 16 |
| TABLE 5: RESULTING LEVEL OF RISK..... | 17 |
| TABLE 6: AUDIT FINDINGS..... | 18 |



1 INTRODUCTION

RedSquare Traffic has been engaged by Strathbogie Shire Council ('Client') to prepare a Detailed Design Stage Road Safety Audit for the proposed upgrade of Weir Road and Reedy Lake Road in Nagambie, Victoria ('Subject Site', 'Site').

This report presents the finding of a Road Safety Audit conducted in accordance with Austroads Guide to Road Safety, Part 6: Road Safety Audit. A road safety audit is defined as a 'formal examination' of a future road or traffic project or an existing road or road related area, in which an independent, qualified team reports on the project's crash potential and actual safety performance respectively.

This Road Safety Audit is a Detailed Design Stage Road Safety Audit and has been undertaken by a team of independent Department of Transport & Planning (DTP) Accredited Road Safety Auditors.

In line with Austroads Guide to Road Safety, Part 6, the site and existing conditions are contextualised in the first half of this report. Then, the audit details and findings, including a corrective action schedule, is presented in the second half.



2 PROJECT DETAILS

The project includes an upgrade of Weir Road and Reedy Lake Road inclusive of three intersections; Nagambie-Rushworth Road/Weir Road, Reedy Lake Road/Hudson Road/Richards Road and Reedy Lake Road/Kettles Road. The items included in the proposed upgrade are summarised as follows.

- Sealing of existing unsealed road surface throughout the subject length.
- Provision of linemarking including centrelines, stop-lines, edge lines and RRPMs.
- Upgrades, removals and construction of new culverts.
- Removal and upgrades of existing guideposts.
- Upgrades to existing regulatory and warning signage.
- Construction of driveways to existing property entrances.
- Installation of guardrails (roadside safety barriers) at selected locations.
- Installation of bridge barriers, end terminals and associated signage & linemarking treatments.

Refer to the Appendices for a detailed drawing set of the proposed changes.

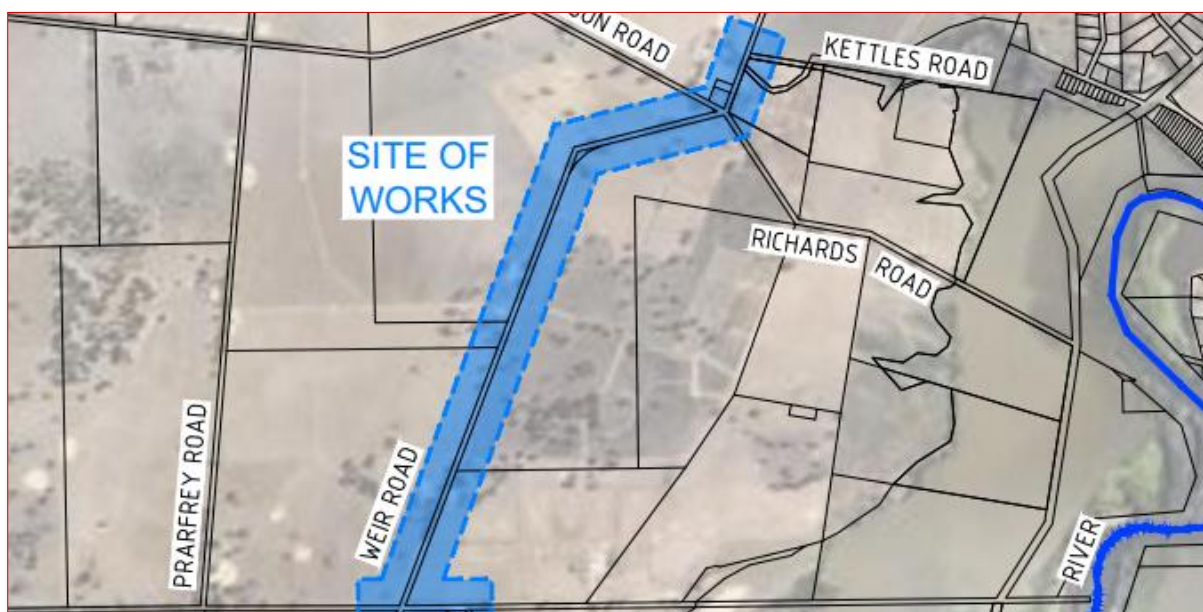


FIGURE 1: SUBJECT LENGTH (SOURCE: CAF CONSULTING)



3 EXISTING CONDITIONS

3.1 ROAD NETWORK

3.1.1 Weir Road

Weir Road is a Strathbogie Shire Council owned and managed municipal road oriented generally in a southwest-northeast alignment. The currently unsealed road offers a trafficable width of approximately 7.5m. The road provides guideposts on both sides of the road in addition to several warning and regulatory signs indicating speed limits, narrow points etc. Weir Road predominantly provides access to farming and residential properties whilst providing a through route for vehicles travelling north from Nagambie-Rushworth Road.

The road currently lacks footpaths, sealed shoulders, street lighting or any cyclist related treatments. Figure 2 shows an image of Weir Road captured during the site inspection.

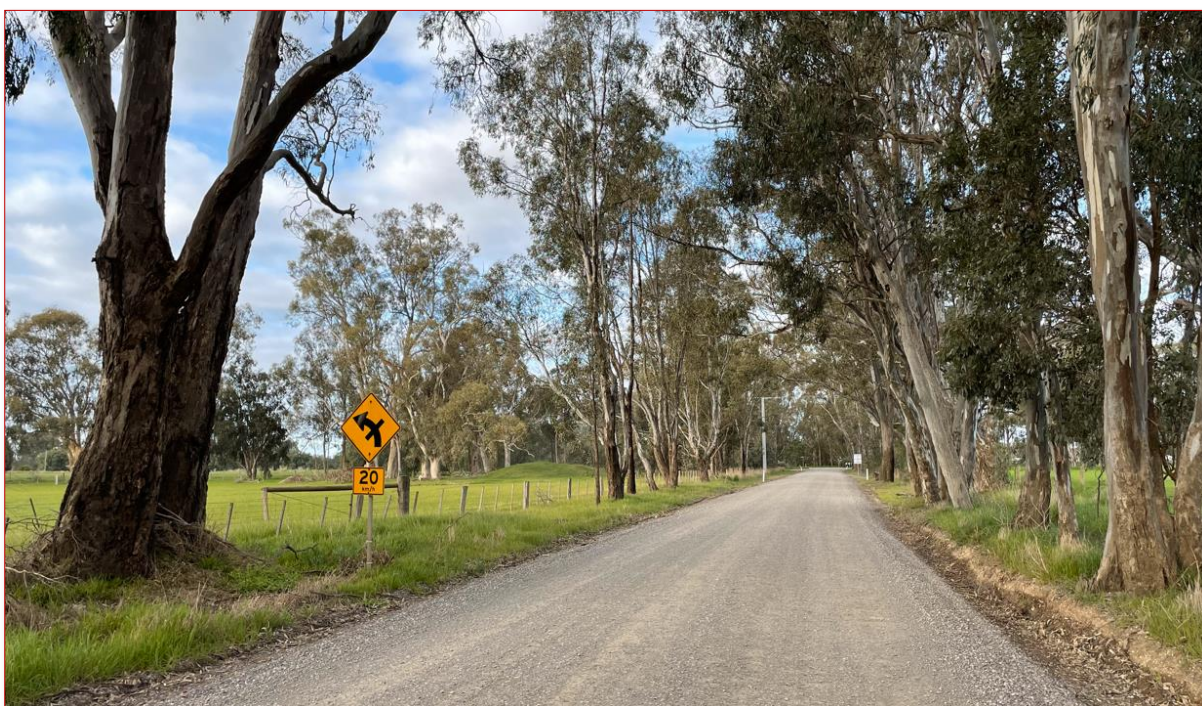


FIGURE 2: WEIR ROAD

3.1.2 Reedy Lake Road

Reedy Lake Road is also a Strathbogie Shire Council owned and managed municipal road oriented generally in a southwest-northeast alignment. The currently unsealed road offers a trafficable width of approximately 7.5m. The



road provides guideposts on both sides of the road in addition to several warning and regulatory signs indicating speed limits, narrow points etc. Weir Road predominantly provides access to farming and residential properties whilst providing a through route for vehicles travelling north from Nagambie-Rushworth Road.

The road currently lacks footpaths, sealed shoulders, street lighting or any cyclist related treatments. Figure 3 shows an image of Reedy Lake Road captured during the site inspection.



FIGURE 3: REEDY LAKE ROAD

3.2 PUBLIC TRANSPORT

No public transport services are available in the vicinity of the Subject Site.

3.3 ACTIVE TRANSPORT

No active transport related facilities are found in the vicinity of the Subject Site.



3.4 CRASH HISTORY

A review of crash statistics for the roads and intersections surrounding the Subject Site was sourced from the VicRoads Crash Statistics database. This database records fatal and injury (serious/other) crashes on Victorian roads during the latest five-year reporting period and categorises these crashes as follows;

- Fatal injury: At least one person was killed in the crash or died within 30 days as a result of the crash.
- Serious injury: At least one person was sent to hospital as a result of the crash.
- Other injury: At least one person required medical treatment as a result of the crash.

According to the review, there have been no incidents reported in the vicinity of the Subject Site for the past 5 years.



4 ROAD SAFETY AUDIT DETAILS

4.1 ROAD SAFETY AUDIT PROCEDURE

This Road Safety Audit has been conducted in accordance with the [Austroads Guide to Road Safety, Part 6: Road Safety Audit](#). Road Safety Audit is a formalised procedure, which can be applied to all phases of a road project or to an existing road system. The auditor and audit team must be independent of the designer.

In reviewing the safety aspects of a road, the reporting procedure is not intended as a redesign process. It is instead intended to outline potential or existing road safety issues and establish a basis upon which ongoing designs may produce an acceptable solution to the design intent.

In accordance with the Austroads guide, this audit seeks to identify potential safety hazards, however, auditors cannot guarantee that every deficiency has been identified and if all the recommendations in this report were to be followed, this would not guarantee that this section of road is “safe”. Rather, adoption of the recommendations should improve the level of safety for this road.

4.2 THE SAFE SYSTEM

[Austroads Guide to Road Safety Part 6 \(2019\): Managing Road Safety Audits](#) states that “for any project, there is a responsibility on the road authority to maximise alignment with Safe System principles”. The Guide continues to offer two methods for achieving this:

1. Undertake a Safe System Assessment in the early stages of the project.
2. Integrate Safe System principles into the Road Safety Audit process.

[VicRoads Safe System Assessment Guidelines \(2018\)](#) states that a Safe System Assessment must be undertaken for any Victorian Government project greater than \$5M in value, is desirable for where the project value is greater than \$2M and optional for projects under \$2M. Where A Safe System Assessment is not undertaken, the project team should document how the project has considered Safe System alignment. Safe System Assessments are most valuable when conducted during the early stages of a project.

This Road Safety Audit has been undertaken to conform with [AGR Part 6: Managing Road Safety Audits \(2019\)](#). As such, an assessment has been undertaken for each Road Safety Audit finding to determine if the kinetic energy associated with the possible crash is above the tolerable levels set out in [Table 1](#).



TABLE 1: SAFE SYSTEM KINETIC ENERGY

| CRASH TYPE | TOLERABLE (10%) SPEED – PASSENGER VEHICLE |
|--------------------------------------|---|
| HEAD-ON | 70km/h |
| SIDE IMPACT (90-DEGREES) | 50km/h |
| SIDE IMPACT (45-DEGREES) | 60km/h |
| SIDE IMPACT INTO POINT SOURCE HAZARD | 30-40km/h |
| PEDESTRIAN, CYCLIST, MOTORCYCLIST | 30km/h |

Each recommendation is also categorised into one of the Austroads Safe System treatment categories described in Table 2.

TABLE 2: SAFE SYSTEM TREATMENT CATEGORIES

| TREATMENT TYPE | DESCRIPTION |
|----------------|---|
| PRIMARY | Road planning, design and management considerations that practically eliminate the potential of fatal and serious injuries occurring in association with the foreseeable crash types. |
| SUPPORTING | Road planning, design and management considerations that improve the overall level of safety associated with foreseeable crash types, but not expected to virtually eliminate the potential of fatal and serious injury occurring. Does not change the ability for a Primary Treatment to be implemented in the future |

4.3 ROAD SAFETY AUDIT TEAM

It is a requirement in Victoria that road safety audits are undertaken in teams of two or more, with at least one Senior Road Safety Auditor. Each auditor must be accredited and registered on VicRoads Register of Road Safety Auditors (www.vrsa.com.au).

The independent audit team for this audit was Dinith (Dane) Wanninayake and Sachini Hewawasam. Dinith is a DTP Accredited Senior Road Safety Auditor and a DTP Recommended Safe System Assessor. Sachini is a DTP



accredited Road Safety Auditor. All auditors have been independent of the design process, as stipulated by Austroads Guidelines.

A Corrective Action Schedule summarising the findings of this Road Safety Audit is provided in Section 5 of this report. The Project Manager/Designer shall indicate in this schedule whether the finding is accepted, and if not accepted, shall provide a reason for non-acceptance.

4.4 SITE INSPECTIONS & MEETINGS

A pre-audit discussion was held with Indika Ranatunga of Strathbogie Shire Council via an email conversation on 08 September 2023, during which Indika explained the details associated with the project.

RedSquare Traffic's Road Safety Audit undertook a site inspection on 10 September 2023 during which matters relating to the existing conditions of the site was noted down.

4.5 DOCUMENTS ASSESSED

The document listed below have been reviewed by the auditors as part of this road safety audit process.

- Strathbogie Shire – Road Reconstruction Project – Weir and Reedy Lake Roads, Nagambie by CAF Consulting – Issue G.



4.6 RISK ASSESSMENT

The potential road safety issues identified have been assigned a risk rating based on the likelihood of a crash occurring as a result of the deficiency together with the potential consequence of that crash.

The risk rating adopted are:

- Almost Certain
- Likely
- Possible
- Unlikely
- Rare

TABLE 3: LIKELIHOOD OF A CRASH (AUSTROADS, 2019)

| Likelihood | Description |
|----------------|-------------------|
| ALMOST CERTAIN | One per quarter |
| LIKELY | Quarter to 1-year |
| POSSIBLE | 1 to 3 years |
| UNLIKELY | 3 to 7 years |
| RARE | 7 years + |



TABLE 4: LIKELY SEVERITY OF THE RESULTING CRASH TYPE

| SEVERITY | DESCRIPTION |
|----------|--|
| FATAL | Death within 30 days of the crash |
| SERIOUS | Admitted to hospital |
| MODERATE | Major first aid and/or presents to hospital (not admitted) |
| MINOR | Minor first aid |



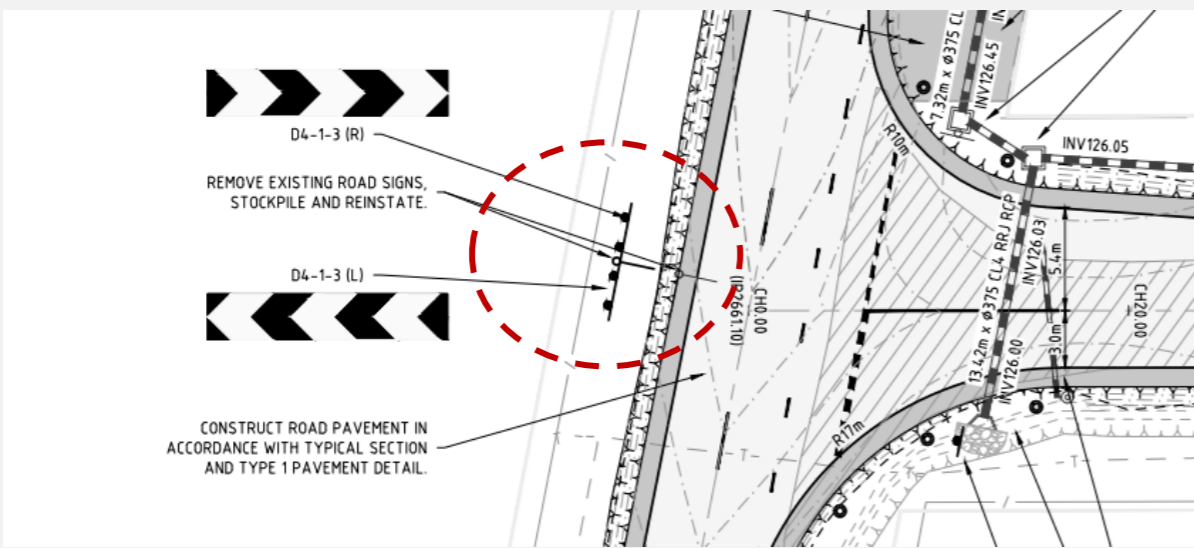
TABLE 5: RESULTING LEVEL OF RISK

| Likelihood/ Severity | INSIGNIFICANT | MINOR | MODERATE | SERIOUS | FATAL |
|-------------------------|---------------|------------|----------|---------------|---------------|
| ALMOST CERTAIN | Medium | High | High | Extreme (FSI) | Extreme (FSI) |
| LIKELY | Medium | Medium | High | Extreme (FSI) | Extreme (FSI) |
| POSSIBLE | Low | Medium | High | High (FSI) | Extreme (FSI) |
| UNLIKELY | Negligible | Low | Medium | High (FSI) | Extreme (FSI) |
| RARE | Negligible | Negligible | Low | Medium (FSI) | High (FSI) |

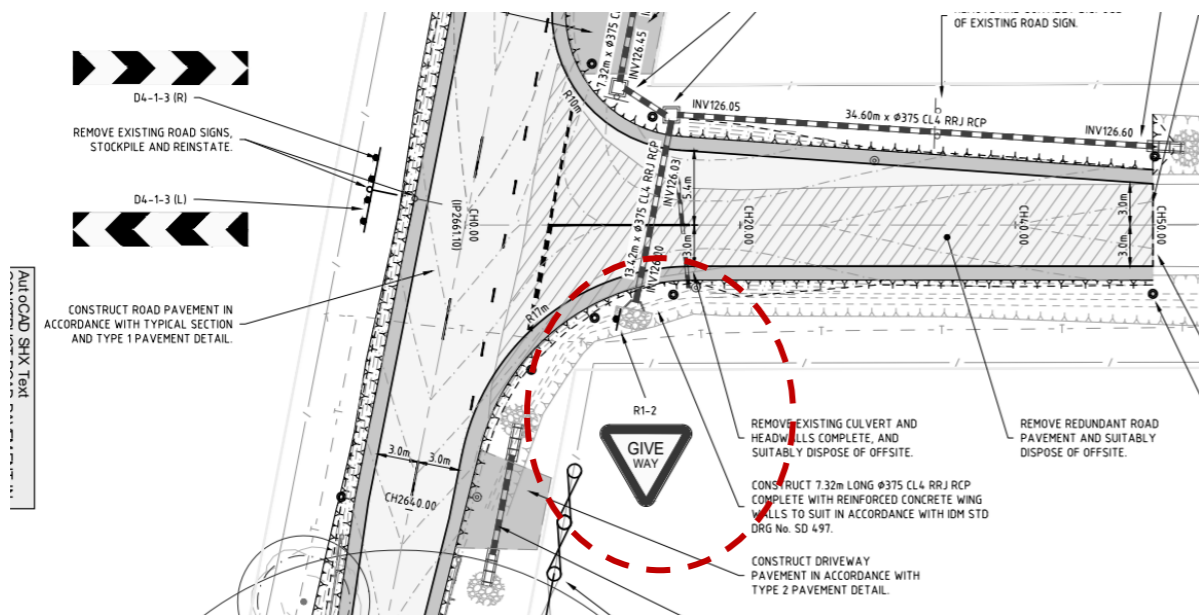


5 AUDIT FINDINGS & RECOMMENDATIONS

TABLE 6: AUDIT FINDINGS

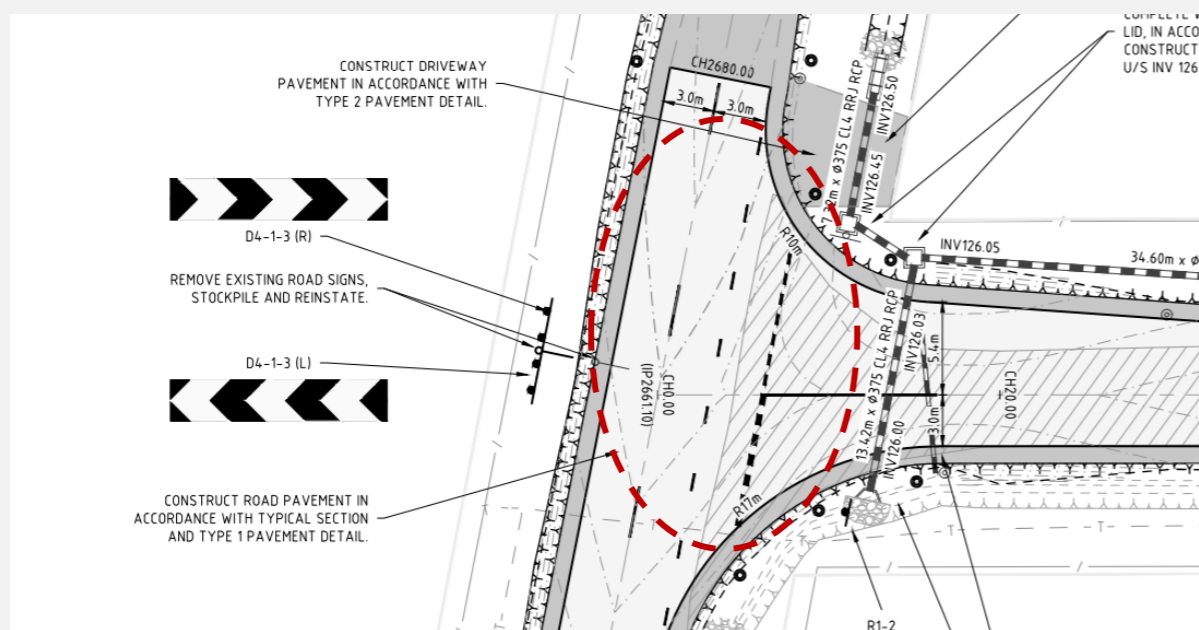
| NO | FINDINGS | LEVEL OF RISK (INC. FSI) | SAFE SYSTEM ENERGY | Recommendations <ul style="list-style-type: none"> • Primary (P) • Supporting (S) | Responsible Officer | |
|----|---|---|------------------------|--|---------------------|----------|
| | | | | | Accept - Yes/No | Comments |
| 1 | <p>Drawing No. 3697/C26</p> <p>Consideration should be given to installing a bi-directional hazard marker sign (D4-2-3) in accordance with Clause 4.6.7.2 of AS1742.2.</p>  <p>The drawing shows a road intersection with a proposed bi-directional hazard marker sign (D4-2-3) indicated by a red dashed circle. Annotations include: 'REMOVE EXISTING ROAD SIGNS, STOCKPILE AND REINSTATE.', 'D4-1-3 (R)', 'D4-1-3 (L)', and 'CONSTRUCT ROAD PAVEMENT IN ACCORDANCE WITH TYPICAL SECTION AND TYPE 1 PAVEMENT DETAIL.' Technical details include 'CH10.00', 'CH20.00', 'R10m', 'R17m', '13.42m x Ø375 CL4 R/RJ RCP', '13.2m x Ø375 CL', 'INV126.45', 'INV126.05', 'INV126.03', and '3.0m'.</p> | Noted. | N/A | Sign replacement to be considered (S). | | |
| 2 | <p>Drawing No. 3697/C26</p> <p>Drawing does not indicate the R1-2 sign as an existing sign. With the proposed formalisation of the intersection via the introduction of holding lines & give-way lines, the sign should be relocated (if necessary) to achieve compliance with AS1742.2 which states, "if used it shall be placed...as close as practicable to the point where traffic is required to hold to let oncoming traffic clear".</p> | <p>Likelihood: Unlikely</p> <p>Severity: Minor</p> <p>Low</p> | Above Tolerable Limits | Consider relocating the sign as close as possible to the holding line (S). | | |





3 Drawing No. 3697/C26 & Drawing No. 3697/C16

Drawing indicates several linemarking treatments but does not specify what is denoted by each line. It appears that a continuity line is also proposed in addition to the give way line (& holding line) at the intersection of Reedy Lake Road and Kettles Road.

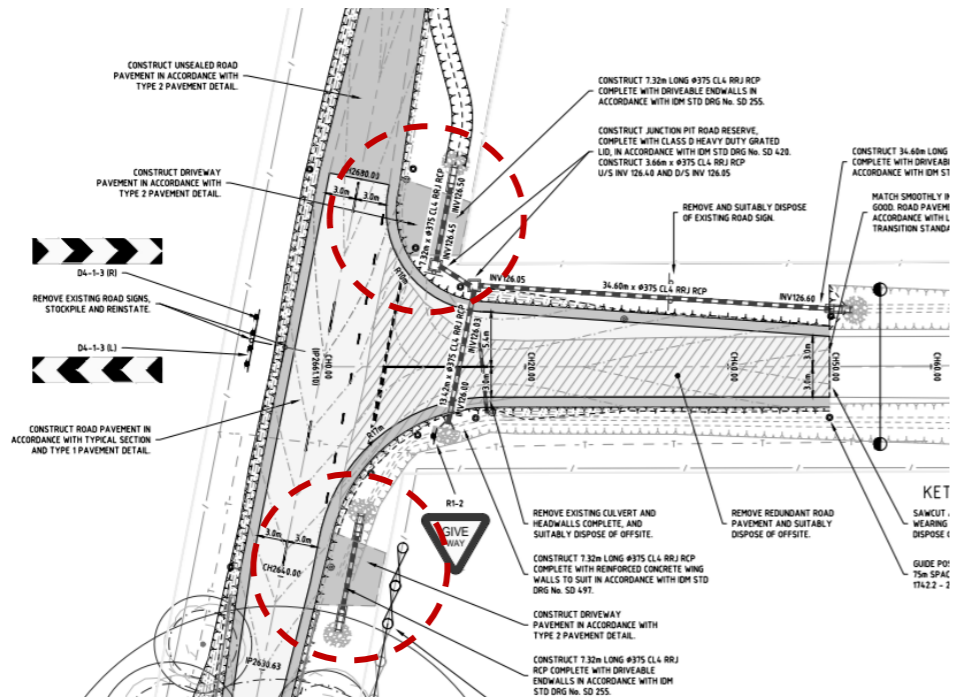


Likelihood: Unlikely
Severity: Minor
Low

Above Tolerable Limits

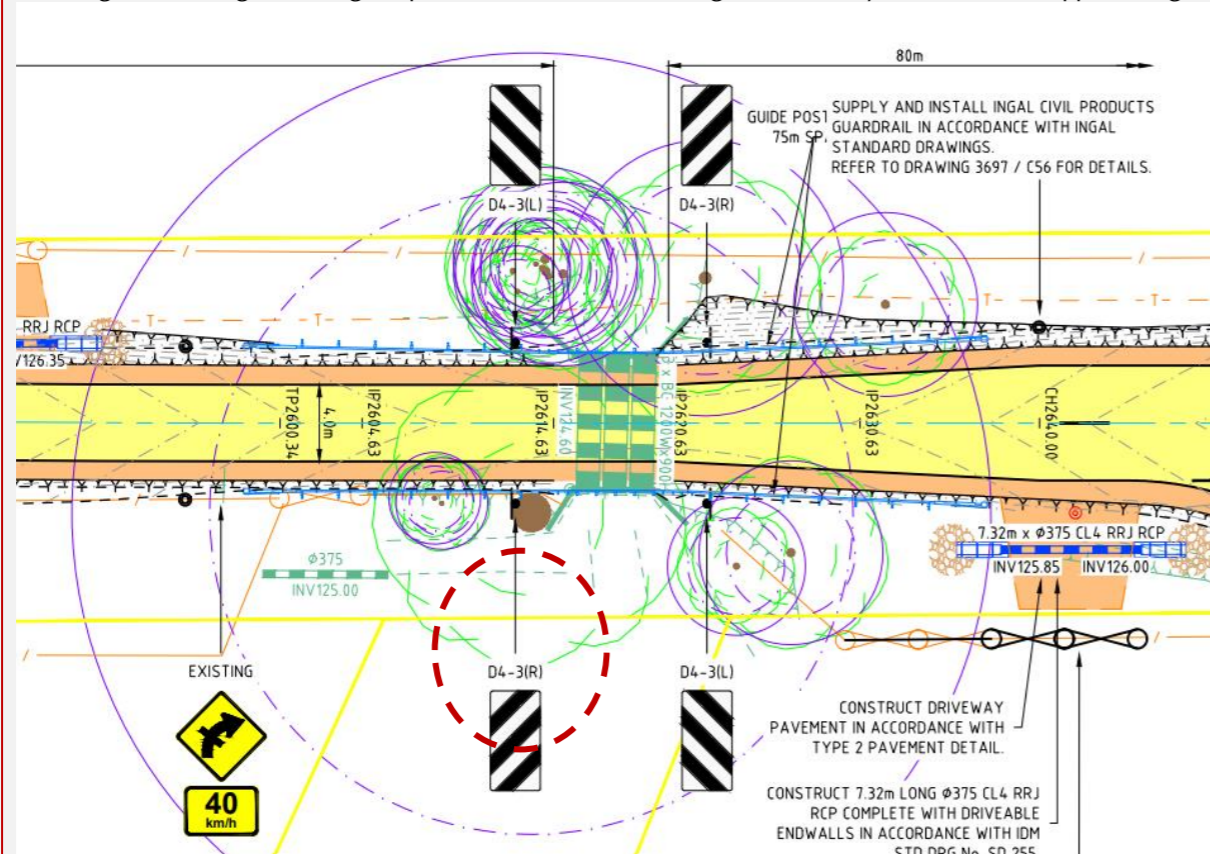
Consider removal of continuity line and to retain the centreline, give way line & holding line treatments only (S).



| | | | | |
|--|--|-------------------------------|--|--|
| <p>This treatment is considered unnecessary as it may lead to confusion regarding the intended stopping location.</p> <p>Important Note: The above finding is also applicable to the intersection shown in Drawing No. 3697/C16 (Weir Road/Nagambie-Rushworth Road).</p> | | | | |
| <p>4 Drawing No. 3697/C26</p> <p>Proposed driveways are in very close proximity to the intersection which may present a hazard for vehicles approaching and turning from Kettles Road. Line of sight for vehicles exiting out of these two driveways is unlikely to cover the areas associated with the approach on Kettles Road.</p>  | <p>Likelihood: Unlikely</p> <p>Severity: Minor</p> <p>Low</p> | <p>Above Tolerable Limits</p> | <p>If feasible, consider a minor relocation of the driveways further away from the intersection (S).</p> | |
| <p>5 Drawing No. 3697/C25</p> | <p>Likelihood: Unlikely</p> <p>Severity: Moderate</p> <p>Medium</p> | <p>Above Tolerable Limits</p> | <p>Install signs such that they are not hidden behind trees or other visual obstructions (S).</p> | |



Locations proposed for the Width Markers could be hidden behind the existing trees. Care should be taken when installing these signs (& guideposts) to ensure all signs are fully visible for approaching traffic.



6 Drawing No. 3697/C25

A 40km/h warning sign is shown as existing, although the existing sign is a 20km/h sign. It is assumed that the existing sign is appropriate for future conditions, as the radius of the bend is not being altered via this project. A minor amendment to the drawing is the only change required.

Noted.

N/A

Alter the sign on the drawing to replicate existing conditions (S).





| | | | | |
|-----------------|--|--|-------------------------------|--|
| <p>7</p> | <p>Drawing No. 3697/C25 & Drawing No. 3697/C17</p> <p>The trafficable width of the bridge structure is only 4m and thus classified as a “NARROW BRIDGE” in accordance with Clause 4.6.6.3 of AS1742.2. W4-1 signs have been proposed appropriately in compliance with Clause 4.6.6.3.</p> <p>Clause 4.6.6.3 further specifies that NARROW BRIDGE sign shall be used in conjunction with the ONE LANE sign (W8-16) on the approaches to bridges having a width between kerbs of less than 5m...if commercial vehicles constitute more than one-third of the traffic using the bridge”</p> <p>The provided traffic counts (July 2023) indicates that approximately 35% of the traffic on Weir Road comprises Medium or Heavy vehicles (above 1/3). The percentage only marginally falls into the category which triggers the One Lane sign.</p> <p>If chosen, further regulatory signs must be provided in accordance with the guideline “Appropriate regulatory signs shall be used in conjunction with these signs at one-lane bridges, e.g. GIVE WAY (R1-2) or NO OVERTAKING OR PASSING (R6-1)”.</p> <p>Important Note: The above finding is also applicable to the bridge structure shown in Drawing No. 3697/C17.</p> | <p>Likelihood: Possible</p> <p>Severity: Moderate</p> <p>High</p> | <p>Above Tolerable Limits</p> | <p>Consider achieving full compliance with Clause 4.6.6.3 if the traffic counts are considered accurate (S).</p> |
| <p>8</p> | <p>Drawing No. 3697/C24</p> | <p>Noted.</p> | <p>N/A</p> | <p>Alter the sign on the drawing to replicate existing conditions (S).</p> |



A 40km/h warning sign is shown as existing, although the existing sign is a 20km/h sign. It is assumed that the existing sign is appropriate for future conditions, as the radius of the bend is not being altered via this project. A minor amendment to the drawing is the only change required.



9 Drawing No. 3697/C24
 Drawing indicates an existing 30km/h warning sign which was found to be worn-off. Consideration should be given to replacing this sign as it is likely to become further faded in the near future.

Noted.

N/A

Consider replacing the 30km/h portion of the sign (S).





10 Drawing No. 3697/C21 & Drawing No. 3697/C20

Two W1-5 signs are proposed at Ch1500.00 & Ch1170.00 on either end of a curve with a generous radius.

AS1742.2 specifies that “The Winding Road sign shall be used where there is a series of closely spaced curves, some or all of which warrant the use of Turn (W1-1) or Curve (W1-3) signs”.

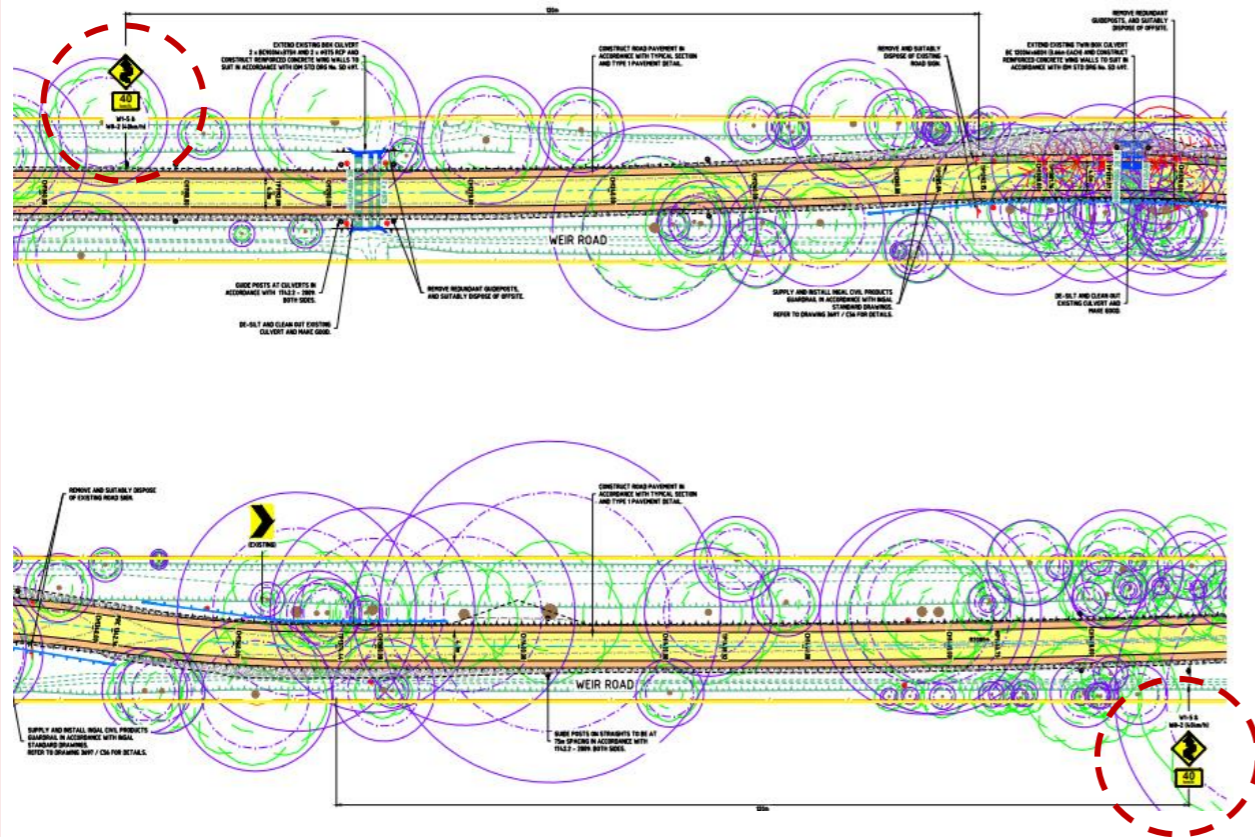
It is thus believed that the use of Winding Road (W1-5) is unsuitable for this location and to be considered for removal & replacement as needed.

Likelihood: Possible
Severity: Moderate
High

Above Tolerable Limits

Consider removal of incorrect signs from the design (S).
The Reverse Curve (W1-4) sign is considered more appropriate for this location.





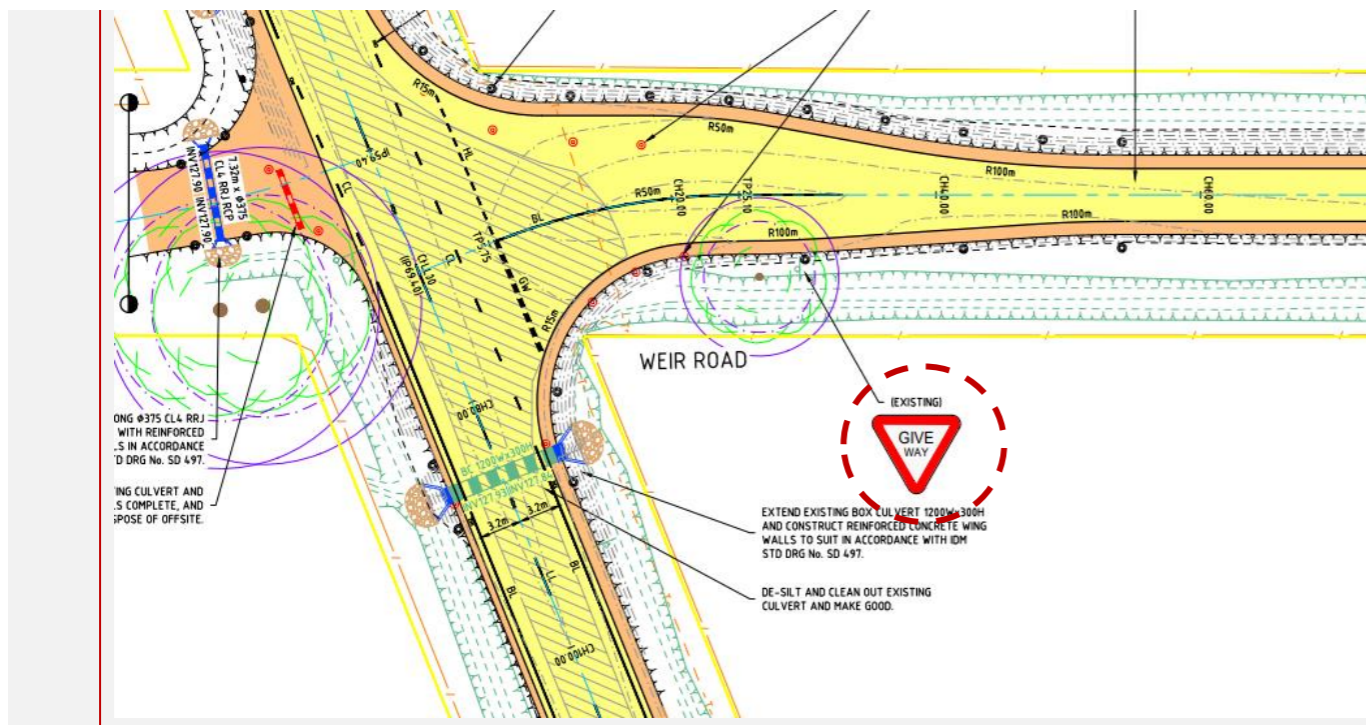
11 Drawing No. 3697/C16
 Consider relocating the existing GIVE-WAY sign further towards the holding line to achieve better compliance.

Noted.

N/A

Consider relocating the sign (S).





12 General

With the current increase of traffic on Weir Road (due to Kirwans Bridge closure), the proposed traffic lane width falls below the recommended traffic lane widths specified in AGRD Part 3. An AutoTurn swept path simulation undertaken by the auditors confirmed that two HRVs are still able to pass one another where “both vehicles must have the outer wheels on the shoulder while passing” which is generally accepted for rural roads. Nonetheless, this will require vehicles to pass at slower speeds when encountered a vehicle in the opposing stream of traffic.

Although speed limits have been proposed for critical locations such as bends, bridges etc, an overall speed limit is absent for Weir Road and Reedy Lake in the proposed design. Consideration should be given to imposing a lower speed limit to account for the sub-par carriageway widths.

Likelihood: Possible
Severity: Moderate
High

Above Tolerable Limits

Consider imposing a speed reduction of less than 70km/h to reduce the Safe System Energy to “within tolerable limits” (P).



6 CONCLUSION

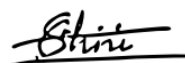
This Road Safety Audit has been conducted in accordance with the procedures set out in the [Austroads Guide to Road Safety Part 6: Road Safety Audit \(2022\)](#). The findings, recommendations and Safe System elements are provided for consideration to the client and any other interested parties.



Dinith Wanninayake – Principal Traffic Engineer

Senior Road Safety Auditor/Audit Team Leader

Date: 21 September 2023



Sachini Hewawasam – Senior Traffic Engineer

Road Safety Auditor

Date: 21 September 2023



7 APPENDICES

7.1 APPENDIX A – DETAILED DESIGN DRAWINGS



STRATHBOGIE SHIRE

ROAD RECONSTRUCTION PROJECT

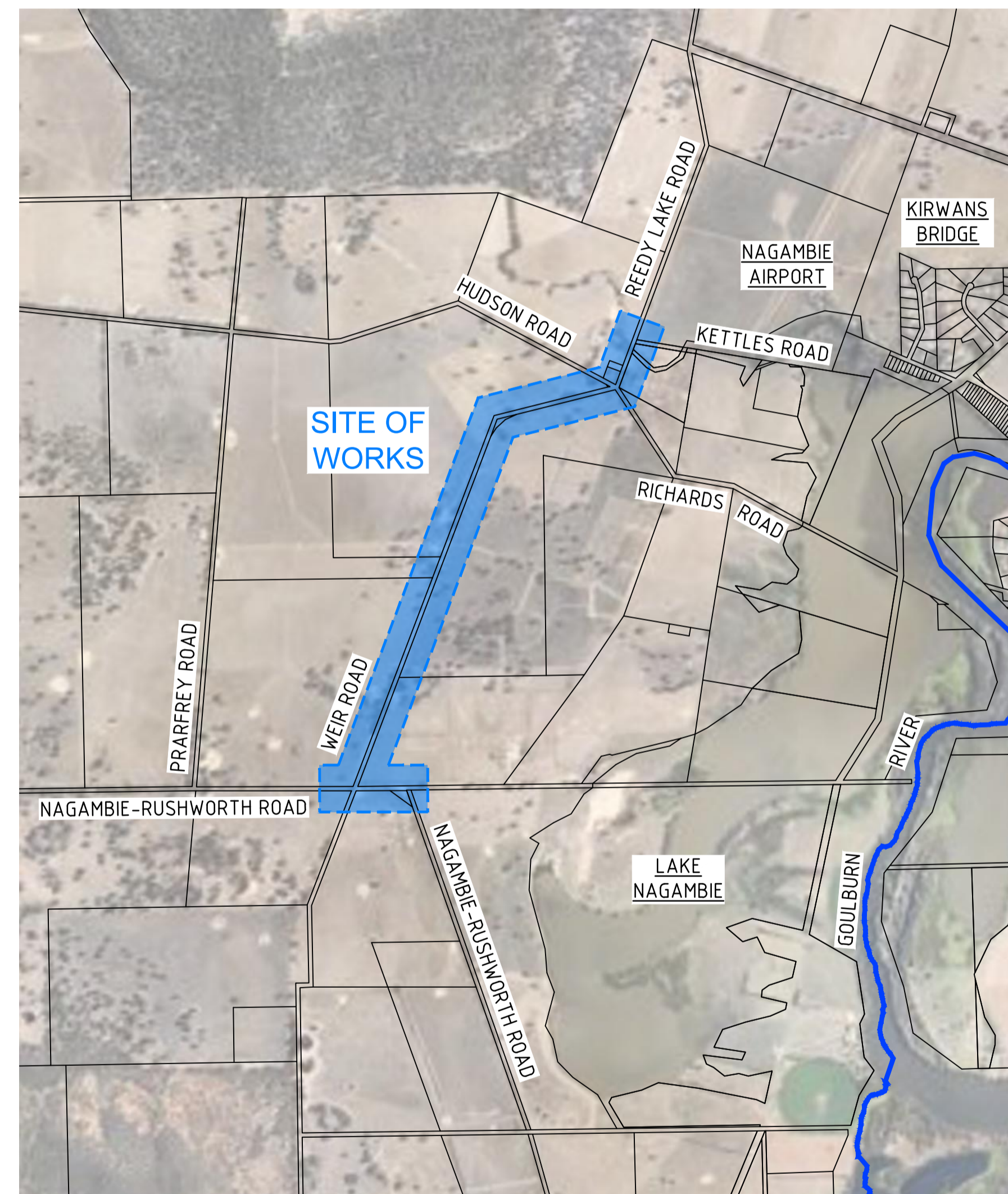
WEIR AND REED LAKE ROADS, NAGAMBIE

| LEGEND | |
|--------|---------------------------------------|
| | PROPOSED EXTENT OF WORKS |
| | TEMPORARY BENCH MARK |
| | APPROXIMATE TITLE |
| | TOP OF BANK (EXISTING) |
| | TOE OF BANK (EXISTING) |
| | TOP OF BANK (PROPOSED) |
| | TOE OF BANK (PROPOSED) |
| | FORMATION CENTERLINE (EXISTING) |
| | EDGE OF BITUMEN (EXISTING) |
| | EDGE OF FORMATION (EXISTING) |
| | FORMATION CENTERLINE (PROPOSED) |
| | EDGE OF BITUMEN (PROPOSED) |
| | EDGE OF FORMATION (PROPOSED) |
| | PAVEMENT SAWCUT (PROPOSED) |
| | FENCE (EXISTING) |
| | GATE (EXISTING) |
| | FENCE (PROPOSED) |
| | GATE (PROPOSED) |
| | ELECTRICITY OVERHEAD (EXISTING) |
| | ELECTRICITY UNDERGROUND (EXISTING) |
| | ELECTRICITY POLE |
| | TELECOMMUNICATIONS MAIN (EXISTING) |
| | TELECOMMUNICATION PIT |
| | SIGN (EXISTING) |
| | SIGN (REMOVE) |
| | SIGN (PROPOSED) |
| | GUIDE POST (EXISTING) |
| | GUIDE POST (REMOVE) |
| | GUIDE POST (PROPOSED) |
| | WINGWALL (EXISTING) |
| | WINGWALL (PROPOSED) |
| | TRAFFICABLE ENDWALL (PROPOSED) |
| | STORM WATER PIPE (EXISTING) |
| | STORM WATER PIPE (REMOVE) |
| | STORM WATER PIPE (PROPOSED) |
| | ROCK BEACHING TYPE 1 MIN DIA 150mm |
| | FORMATION CENTERLINE CHAINAGE |
| | LINEMARKING |
| | LINEMARKING (REMOVE) |
| | LINEMARKING (PROPOSED) |
| | TREE (EXISTING) |
| | TREE (REMOVE) |
| | DEAD TREE (EXISTING) |
| | DEAD TREE (REMOVE) |
| | TREE PROTECTION ZONE (12xDBH) |
| | 10% OF TREE PROTECTION ZONE (8.4xDBH) |
| | GUARDRAIL (PROPOSED) |
| | MAJOR CONTOURS AT 1m INTERVALS |
| | MINOR CONTOURS AT 0.1m INTERVALS |
| | EXISTING PAVEMENT (REMOVE) |
| | TYPE 1 PAVEMENT (PROPOSED) |
| | TYPE 2 PAVEMENT (PROPOSED) |
| | COVER TO TELECOMMUNICATIONS |
| | COVER TO UNDERGROUND ELECTRICITY |

NOTE:
DEPTH OF COVER IS MEASURED FROM EXISTING SURFACE TO THE TOP PIPE/CONDUIT

NOTE!
STRATHBOGIE SHIRE COUNCIL HAVE ADVISED THAT GUARDRAILS ARE NOT TO BE INCLUDED IN THE SOME LOCATIONS. CAF CONSULTING TAKE NO RESPONSIBILITY FOR THE OMISSION OF ANY GUARDRAILS.

NOTE!
THE PAVEMENT PROFILE HAS BEEN ADOPTED AT THE DIRECTION OF STRATHBOGIE SHIRE COUNCIL. CAF CONSULTING TAKE NO RESPONSIBILITY FOR PAVEMENT PROFILE DESIGN.



| DRAWING REGISTER | | |
|------------------|----------------------------|----------|
| DRAWING | DRAWING TITLE | REVISION |
| 3697 / C01 | FACE SHEET | G |
| 3697 / C02 | GENERAL NOTES | G |
| 3697 / C03 | EXISTING CONDITIONS | G |
| 3697 / C04 | EXISTING CONDITIONS | G |
| 3697 / C05 | EXISTING CONDITIONS | G |
| 3697 / C06 | EXISTING CONDITIONS | G |
| 3697 / C07 | EXISTING CONDITIONS | G |
| 3697 / C08 | EXISTING CONDITIONS | G |
| 3697 / C09 | EXISTING CONDITIONS | G |
| 3697 / C10 | EXISTING CONDITIONS | G |
| 3697 / C11 | EXISTING CONDITIONS | G |
| 3697 / C12 | EXISTING CONDITIONS | G |
| 3697 / C13 | EXISTING CONDITIONS | G |
| 3697 / C14 | EXISTING CONDITIONS | G |
| 3697 / C15 | PROPOSED WORKS | G |
| 3697 / C16 | PROPOSED WORKS | G |
| 3697 / C17 | PROPOSED WORKS | G |
| 3697 / C18 | PROPOSED WORKS | G |
| 3697 / C19 | PROPOSED WORKS | G |
| 3697 / C20 | PROPOSED WORKS | G |
| 3697 / C21 | PROPOSED WORKS | G |
| 3697 / C22 | PROPOSED WORKS | G |
| 3697 / C23 | PROPOSED WORKS | G |
| 3697 / C24 | PROPOSED WORKS | G |
| 3697 / C25 | PROPOSED WORKS | G |
| 3697 / C26 | PROPOSED WORKS | G |
| 3697 / C27 | TYPICAL DETAILS | G |
| 3697 / C28 | TYPICAL SECTIONS | G |
| 3697 / C29 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C30 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C31 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C32 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C33 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C34 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C35 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C36 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C37 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C38 | ROAD LONGITUDINAL SECTIONS | G |
| 3697 / C39 | ROAD CROSS SECTIONS | G |
| 3697 / C40 | ROAD CROSS SECTIONS | G |
| 3697 / C41 | ROAD CROSS SECTIONS | G |
| 3697 / C42 | ROAD CROSS SECTIONS | G |
| 3697 / C43 | ROAD CROSS SECTIONS | G |
| 3697 / C44 | ROAD CROSS SECTIONS | G |
| 3697 / C45 | ROAD CROSS SECTIONS | G |
| 3697 / C46 | ROAD CROSS SECTIONS | G |
| 3697 / C47 | ROAD CROSS SECTIONS | G |
| 3697 / C48 | ROAD CROSS SECTIONS | G |
| 3697 / C49 | ROAD CROSS SECTIONS | G |
| 3697 / C50 | ROAD CROSS SECTIONS | G |
| 3697 / C51 | ROAD CROSS SECTIONS | G |
| 3697 / C52 | ROAD CROSS SECTIONS | G |
| 3697 / C53 | ROAD CROSS SECTIONS | G |
| 3697 / C54 | ROAD CROSS SECTIONS | G |
| 3697 / C55 | ROAD CROSS SECTIONS | G |
| 3697 / C56 | GUARDRAIL LAYOUT PLAN | G |

| IDM DRAWING REGISTER | | |
|----------------------|--------------------------------------|------------|
| DRAWING | DRAWING TITLE | REVISION |
| SD 255 | TYPICAL SWALE DRAIN VEHICLE CROSSING | 26/02/2020 |
| SD 310 | TRENCHING BACKFILL | 20/02/2019 |
| SD 420 | JUNCTION PIT IN ROAD RESERVE | 13/03/2020 |
| SD 497 | REINFORCED CONCRETE WINGWALL | 26/02/2020 |
| SD 500 | CATCH DRAIN DETAILS | 20/03/2015 |

| INGAL DRAWING REGISTER | | |
|------------------------|---|----------|
| DRAWING | DRAWING TITLE | REVISION |
| EZY-HC-003 | EZY-GUARD HIGH CONTAINMENT ASSEMBLY DETAIL | 0 |
| EZY-HC-004 | EZY-GUARD HIGH CONTAINMENT POST CONFIGURATION DETAIL | 0 |
| EZY-HC-030 | BRIDGE BARRIER DETAIL EZY-GUARD HC SIDE MOUNTED VERSION | 0 |
| SS-STD-002 | MASH GUARDRAIL END TERMINALS ET-SS GUARDRAIL TRANSITION | 1 |
| SS-STD-006 | ET-SS MASH END TERMINAL TRANSITION TO EZY-GUARD-HC | 1 |

NOTE!
DRAWING TO BE READ IN CONJUNCTION WITH THE INFRASTRUCTURE DESIGN MANUAL STANDARD DRAWINGS, VERSION 5.30 (RELEASE 24TH MARCH 2020).

WARNING!
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY & THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

NOTE!
BEWARE OF EXISTING OVERHEAD ELECTRICAL CABLES!



20/02/2023 11:53:07 AM 3697 C01 FACE SHEET.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

Strathbogie shire
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

CAF CONSULTING

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | | | |
|---------------|---|-----------|---------------------------|-----------|---------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697 C01 FACE SHEET.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Sheet: | 3697 / C01 | Size: | A1 |
| Title: | FACE SHEET | Issue: | 1 of 56 | | G |

GENERAL

- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA 94) ZONE 55.
- ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH COUNCIL GENERAL SPECIFICATION AND LATEST ADOPTED VERSION OF THE INFRASTRUCTURE DESIGN MANUAL.
- TEMPORARY BENCH MARKS (TBM) TO BE RE-ESTABLISHED BY A SUITABLY QUALIFIED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBM'S THEREAFTER.
- ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES AND ARE ACCURATE TO WITHIN ±0.05m.

SERVICES

- ALL STATUTORY AUTHORITY SERVICES MUST BE MAINTAINED AND PROTECTED BY THE CONTRACTOR AT ALL TIMES UNLESS OTHERWISE SHOWN.
- ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.
- THE LOCATION OF ALL UNDERGROUND SERVICES ARE TO BE PHYSICALLY LOCATED BY NON-DESTRUCTIVE EXCAVATION PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- ALL EXISTING PROPERTY SERVICES SHOULD BE LOCATED NON-DESTRUCTIVE EXCAVATION PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- ANY ALTERATIONS TO PROPERTY SERVICES SHOULD BE UNDERTAKEN BY LICENSED CONTRACTORS.
- ALL SERVICE CONDUIT TRENCHES UNDER ROAD PAVEMENTS, FOOTPATHS AND KERB TO BE BACKFILLED IN ACCORDANCE WITH IDM SD310 AND MANUFACTURER'S SPECIFICATIONS.
- ALL EXISTING PITS AND SERVICE FITTINGS THAT ARE TO REMAIN WITHIN THE PAVEMENT AREAS SHALL BE REBUILT TO MATCH PROPOSED LEVELS AND WHERE APPLICABLE FITTED WITH AN APPROPRIATE HEAVY DUTY, AUTHORITY APPROVED, COVER. ELSEWHERE EXISTING SERVICES SHALL BE ADJUSTED TO SUIT NEW ADJACENT LEVELS. THE RELEVANT AUTHORITY IS TO BE NOTIFIED PRIOR TO ANY WORKS ON THEIR ASSETS AND SERVICES ARE TO BE ADJUSTED BY OR TO THE RELEVANT AUTHORITY REQUIREMENTS.

DEMOLITION

- EXISTING STORMWATER DRAINAGE PIPE WORK LOCATIONS SHOWN ARE AS IDENTIFIED THROUGH PIT INVESTIGATIONS, TRUE ALIGNMENT MAY DIFFER FROM WHAT IS SHOWN.
- WHERE EXISTING FEATURES AND REDUNDANT SERVICES ARE TO BE REMOVED, EXCAVATIONS ARE TO BE BACKFILLED WITH SUITABLE FOR APPROVED MATERIAL AND BACKFILLED TO EXISTING SURFACE LEVEL.
- EXISTING TREES TO BE REMOVED ARE TO BE SAW CUT, GRUBBED AND REMOVED OFF SITE TO AN APPROVED LOCATION.

TRAFFIC MANAGEMENT

- TRAFFIC MANAGEMENT SHALL BE ARRANGED BY THE CONTRACTOR FOR THE DURATION OF THE WORKS TO THE SATISFACTION OF COUNCIL INCLUDING PROVISION OF ALL NECESSARY SIGNAGE, LIGHTING AND BARRICADING.
- A TRAFFIC MANAGEMENT PLAN SHALL BE SUBMITTED TO COUNCIL FOR APPROVAL PRIOR TO COMMENCEMENT OF WORKS.

LINE MARKING

- LINE MARKING AND RRPMS ARE TO BE INSTALLED AS SPECIFIED AND SHOWN ON THESE PLANS AND IN ACCORDANCE WITH AS 1742 SERIES UNLESS NOTED OTHERWISE.
- REDUNDANT LINE MARKING SHALL BE PERMANENTLY REMOVED BY GRINDING.
- LINE MARKING TO BE APPROVED LONG LIFE ROAD MARKING PAINT.
- LONGITUDINAL LINENWORK TO BE EXTRUDED THERMAL PLASTIC MARKINGS.
- LATERAL WORKS AND SYMBOLS TO BE COLD APPLIED PLASTIC TROWELLED INTO PLACE.

GEOTECHNICAL

- GEOTECHNICAL INVESTIGATION COMPLETED BY BM CIVIL ENGINEERS, REFER TO REPORT P159805-4. THE PAVEMENT PROFILE HAS BEEN ADOPTED AT THE DIRECTION OF STRATHBOGIE SHIRE, CAF CONSULTING TAKE NO RESPONSIBILITY FOR PAVEMENT PROFILE DESIGN.

DRAINAGE

- REFER TO PIT SCHEDULE FOR SETOUT DETAILS.
- PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL ESTABLISH A SEDIMENT CONTROL PERIMETER, USING AN APPROVED DIVERSION OR INTERCEPTION METHOD.
- ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- ALL PITS AND/OR HEADWALLS SHALL BE CAST IN-SITU OR AN APPROVED PRECAST EQUIVALENT.
- CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF AS1379.
- CONCRETE PIPES TO BE CLASS 2 AND RUBBER RING JOINT. PIPES SHALL CONFORM WITH AS/NZS 4058:2007 PRECAST CONCRETE PIPES UNLESS OTHERWISE STATED.
- PIPES SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 3725: 2007 DESIGN FOR INSTALLATION OF BURIED CONCRETE PIPES.
- DRAINAGE PIPES SHALL NOT BE LAID WITHIN FILL WITHOUT THE APPROVAL OF THE SUPERINTENDENT. ADDITIONAL COVER MAY BE PLACED OVER DRAINAGE PIPE TO PROTECT THEM FROM CONSTRUCTION TRAFFIC WHERE REQUIRED.
- ALL TRENCHES SHALL BE CUT IN A MANNER THAT PIPES WILL BE LAID LEVELLED WITHOUT SAG POINTS. CULVERT LENGTHS ARE PIPE INLET TO PIPE OUTLET.
- THE BEDDING ADJACENT TO THE PIPE JOINTS SHALL BE RECESSED AS NECESSARY TO ENSURE THAT THE WHOLE OF THE BARREL LENGTH OF THE PIPE MAKES UNIFORM CONTACT WITH THE PREPARED BEDDING.
- BACKFILLING SHALL BE BUILT UP IN 150mm LAYERS AND MECHANICALLY COMPACTED EVENLY ON BOTH SIDES OF THE PIPE IN ORDER TO EFFECT BALANCED LOADING.
- ALL PIPES TO BE BACKFILLED IN ACCORDANCE WITH IDM SD310.
- UNSUITABLE MATERIAL GENERATED FROM EXCAVATION SHALL NOT BE USED IN BACKFILLING WORKS AND SHALL BE DISPOSED OF AT AN APPROVED LOCATION.
- ALL EXCAVATED MATERIALS SHALL BE STACKED AT LEAST 4m AWAY FROM THE EDGE OF THE SHOULDER.
- ALL TRENCHING WORKS SHALL BE SUITABLY BARRICADED FOR ROAD USERS.
- ALL PITS TO BE TRAFFICABLE CLASS 'D' LIDS.
- HEADWALL JOINTS SHALL BE A FLEXIBLE DURABLE SEALANT.
- BATTERS TO THE TOP OF THE END WALLS SHALL BE PROPERLY FILLED.
- EXPOSED EDGES OF THE STRUCTURE SHALL HAVE 20mm X 20mm CHAMFERS.

CONCRETE NOTES

- ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS, CCAA LITERATURE AND VICROADS SPECIFICATIONS.
- ALL CONCRETE TO BE COMPRESSIVE STRENGTH AS SPECIFIED.
- CONCRETE TO BE THOROUGHLY COMPACTED USING EITHER SURFACE AND/OR IMMERSION VIBRATORS, PARTICULARLY AROUND REINFORCEMENT AND IN CORNERS OF FORMS.
- PRIOR TO CASTING, THE UNBOUND GRANULAR SUBBASE MUST BE DAMP TO ENSURE NO EARLY "DRYING OUT" OF THE CONCRETE.
- CURING OF CONCRETE IS ESSENTIAL - IDEALLY BY MAINTAINING WET HESSIAN OR SEALING WITH PLASTIC SHEETING.
- SAW CUTTING OF CONCRETE SHOULD BE COMMENCED AS SOON AS CONCRETE PERMITS BY EXPERIENCED CONTRACTORS, BUT NO LATER THAN 12 HOURS AFTER POUR.
- ALL DOWELS TO BE GRADE 250R STEEL BARS, 800mm LONG AND PLACED AT 300mm CENTERS. REFER CCAA - CONCRETE PAVEMENT DESIGN FOR RESIDENTIAL STREETS FOR DOWEL DIAMETERS. DOWELS MUST BE ACCURATELY PLACED TO ENSURE THE JOINT DOES NOT "LOCK".
- INSERTION OF DOWELS DURING THE PLACING OF CONCRETE IS NOT ACCEPTABLE. DOWELS MUST BE SAWN AND NOT CROPPED.
- ALL JOINTS TO BE APPROPRIATELY SEALED TO RESIST THE INTRUSION OF SAND AND GRAVEL AND TO MINIMISE THE INGRESS OF WATER.
- PEDESTRIAN CROSSINGS IN ACCORDANCE WITH IDM SD200, SD270 AND AS 1428 SET.
- FOOTPATHS IN ACCORDANCE WITH IDM SD205.
- CONCRETE JOINTS IN ACCORDANCE WITH IDM SD210, SD220 & SD225.

KERB & CHANNEL

- CONCRETE SHALL BE NORMAL CLASS N25 STANDARD STRENGTH GRADE COMPLYING WITH THE REQUIREMENTS OF AS 1379. REFER TO VICROADS STANDARD SPECIFICATION 703 FOR REQUIREMENTS OF CONCRETE TO BE USED IN EXTRUSION MACHINES.
- CONCRETE TO BE SMOOTH TROWELLED FINISHED ON TRAY AND KERB, SPONGE FINISHED ON LAYBACK.
- CONSTRUCTION JOINTS LOCATED AT 2500mm MAXIMUM SPACING WITH 75mm MINIMUM DEPTH.
- KERB BEDDING TO BE FULL DEPTH IN ACCORDANCE WITH IDM SD110, BEDDING TO TRAVERSE 150mm PAST BACK OF KERB.

TGSI

- TGSI'S ARE TO BE INSTALLED IN ACCORDANCE WITH VICROADS ROAD DESIGN NOTE RDN 06-06. THE TGSI'S ARE TO BE SETBACK 300MM FROM THE LINE OF KERB OR EDGE OF HAZARD, WHERE THE KERB RAMP IS SKEWED, THE CLOSEST CORNER OF THE WARNING TGSI MUST BE SETBACK 300MM FROM THE LINE OF KERB.
 - WHERE THIS SETBACK CAN BE ACHIEVED - TACTILE GROUND SURFACE INDICATORS (TGSI) AS LISTED ON VICROADS DESIGN NOTE RDN 06-05 OF WHICH (ONLY THOSE THAT ARE TO BE MOUNTED WITH BOTH AN ADHESIVE PRODUCT AND A MECHANICAL FIXING, ARE TO BE USED) AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. NO PEEL AND STICK.
 - WHERE THIS SETBACK CANNOT BE ACHIEVED - CERAMIC TYPE, INTEGRATED TACTILE GROUND SURFACE INDICATORS (TGSI) AS LISTED ON VICROADS DESIGN NOTE RDN 06-05 ARE TO BE USED, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. NO PEEL AND STICK.
- FOR STRAIGHT LOCATIONS - TACTILE GROUND SURFACE INDICATORS (TGSI) AS LISTED ON VICROADS DESIGN NOTE RDN 06-05 OF WHICH (ONLY THOSE THAT ARE TO BE MOUNTED WITH BOTH AN ADHESIVE PRODUCT AND A MECHANICAL FIXING, ARE TO BE USED) AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. NO PEEL AND STICK.
- TGSI'S ARE NOT TO BE YELLOW AS YELLOW DENOTES A HAZARD AND THE TGSI'S ARE NOT HAZARDOUS. LUMINANCE CONTRAST MUST BE ACHIEVED BUT NOT BY USING YELLOW. SUPPLY COMPANIES CAN PROVIDE ADVICE OF ACHIEVING LUMINANCE CONTRAST.

PAVEMENT

- PRIOR TO PLACEMENT OF SUBBASE MATERIAL THE SUBGRADE SHALL BE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT.
- AT THE CONCLUSION OF EACH DAY'S WORK THE SITE SHALL BE LEFT FREELY DRAINING TO A DESIGNATED POINT. NO SURFACE RUNOFF WILL BE ALLOWED TO LEAVE THE SITE WITHOUT FIRST DRAINING VIA A SEDIMENT CONTROL MEASURE.
- ANY SOFT AREAS WILL BE INSPECTED BY THE SUPERINTENDENT. THE SUPERINTENDENT MAY DETERMINE THAT THE SOFT MATERIAL IS TO BE EXCAVATED AND REMOVED FROM THE SITE.
- WHERE THE MATERIALS WITHIN THE SOFT SPOT IS DEEMED TO BE RECOVERABLE THE SUPERINTENDENT MAY ALSO DETERMINE A METHODOLOGY FOR TREATING THE UNSUITABLE MATERIALS.
- THE CONTRACTOR SHALL KEEP AND MAINTAIN DETAILED RECORDS OF THE PLACEMENT OF ALL MATERIALS AND COMPACTION METHODOLOGY.
- PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT. PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND IF SUBGRADE IS IN QUESTION, FURTHER TESTING CARRIED OUT TO DETERMINE FINAL PAVEMENT DEPTH.
- PAVEMENT DEPTHS MAY BE MODIFIED AS DIRECTED BY THE SUPERINTENDENT.
- PAVEMENT TO BE BOXED OUT TO MINIMUM DEPTH DENOTED, INSPECTED AND SUBGRADE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT PRIOR TO PLACEMENT OF SUBBASE MATERIAL.
- NO CEMENT STABILISATION WORKS OR ANY OTHER MODIFIED MATERIALS TO BE INCORPORATED WITHIN THE WORKS WITHOUT THE SUPERINTENDENT'S APPROVAL.
- PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL ESTABLISH A SEDIMENT CONTROL PERIMETER, USING AN APPROVED DIVERSION OR INTERCEPTION METHOD.
- ALL WORKS TO BE ACCURATELY SETOUT BEFORE COMMENCING EXCAVATION WORK.
- THE CONTRACTOR SHALL KEEP AND MAINTAIN DETAILED RECORDS OF THE PLACEMENT OF ALL MATERIALS AND COMPACTION METHODOLOGY.
- CONTRACTOR SHALL CONFIRM WITH COUNCIL ARBORIST BEFORE COMMENCING ANY WORKS AROUND EXISTING TREES AND WITHIN TREE ROOT PROTECTION ZONE.
- NO WORKS SHALL COMMENCE WITHIN TREE ROOT PROTECTION ZONE WITHOUT WRITTEN APPROVAL FROM COUNCIL ARBORIST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENVIRONMENTAL PROTECTION AND THE IMPLEMENTATION OF A SITE ENVIRONMENTAL MANAGEMENT PLAN (SEMP) PREPARED IN ACCORDANCE WITH THE EPA'S "ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES" AND "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL".
- ALL PERSONNEL ON SITE INCLUDING SUBCONTRACTORS ARE TO BE INDUCTED ON THE REQUIREMENTS OF THE SEMP.
- THE SEMP IS TO BE DISPLAYED ON SITE AND REGULAR TOOLBOX MEETINGS HELD TO REINFORCE REQUIREMENTS.
- ENVIRONMENTAL PROTECTION MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR A MINIMUM OF 2 TIMES PER WEEK AND PRIOR TO AND AFTER ANY STORM EVENT. ANY DEFICIENCIES IN PROTECTION MEASURES ARE TO BE RECORDED AND RECTIFIED WITHIN 24 HOURS OF IDENTIFICATION.
- THE CONTRACTOR SHALL MAINTAIN DOCUMENTATION INCLUDING BUT NOT LIMITED TO RECORDS OF INSPECTION OF PROTECTION MEASURES, IDENTIFICATION AND RECTIFICATION OF DEFICIENCIES, INCIDENT REPORTS, INDUCTION CHECKLISTS AND MINUTES OF TOOLBOX MEETINGS.
- EXISTING DRAINS & DAMS TO BE DE-WATERED & BACKFILLED TO SUPERINTENDENT'S SPECIFICATION.
- DE-WATERING TO BE CARRIED OUT IN ACCORDANCE WITH THE EPA'S GUIDELINE "CONSTRUCTION GUIDELINES FOR MAJOR CONSTRUCTION SITES" DECEMBER 1995.
- ANY ADDITIONAL PERMITS, FEES OR CHARGES REQUIRED BY THE LOCAL AUTHORITIES WILL BE PAID FOR BY THE CONTRACTOR.
- PRIOR TO THE COMMENCEMENT OF FILLING THE SITE SHALL BE STRIPPED AND STOCKPILED AS DIRECTED BY SUPERINTENDENT.
- FILL TO BE PLACED AND COMPACTED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.
- RECORDS SHALL BE KEPT OF ALL EARTHWORK CONSTRUCTION AS CONTAINED IN AS3788-2007 CLAUSE 3.4 AND A COPY MADE AVAILABLE TO THE ENGINEER AND COUNCIL UPON COMPLETION.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- FINAL SUBGRADE COMPACTION TEST AND ALLOTMENT COMPACTION & SOIL TESTS ARE TO BE PROVIDED AT THE COMPLETION OF THE FILLING WORKS.
- ALL BATTERS TO BE 1:3, UNLESS OTHERWISE SHOWN.
- ON COMMENCEMENT OF EARTHWORKS IN THE OUTFALL AREA, STRAW BALES ARE TO BE SECURELY PLACED AROUND THE INLET STRUCTURE TO TRAP SEDIMENT ON SITE.
- PRIOR TO STRIPPING, ALL TOPSOIL TO BE SPRAYED WITH A PRE-EMERGENT HERBICIDE.
- ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENVIRONMENTAL MANAGEMENT PLAN.
- STRIP ALL TOP SOIL AND VEGETABLE MATERIAL AND STOCKPILE AT DESIGNATED LOCATIONS CLEAR OF THE WORKS FOR REUSE.
- EXCESS TOPSOIL SHALL BECOME THE PROPERTY OF THE PRINCIPAL & STORED ON SITE AS DIRECTED FOR FUTURE USE.
- PRIOR TO PLACEMENT OF ANY FILL THE SUBGRADE SHALL BE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT.
- ALL LOOSE FILL MATERIAL SHALL BE SPREAD BEFORE COMPACTION TO FORM AN EVEN LAYER THICKNESS. WHERE PRACTICABLE THE LAYERS SHALL BE PARALLEL TO THE FINISHED SURFACE OR HORIZONTAL.
- ALL EXPOSED SURFACES SHALL BE DRAINED TO A DESIGNATED POINT.
- THE MOISTURE CONTENT OF THE FILL MATERIAL WILL BE MONITORED AT ALL TIMES, WHERE NECESSARY ADDITIONAL WATER WILL BE BROUGHT TO THE SITE AND ADDED TO THE FILL MATERIAL AT A CONTROLLED RATE. THE WATER WILL BE CLEAN AND CARTED/DISTRIBUTED USING APPROVED EQUIPMENT.
- DUST SUPPRESSION SHALL BE ACHIEVED USING AN APPROVED METHOD.
- ANY SOFT AREAS WILL BE INSPECTED BY THE SUPERINTENDENT. THE SUPERINTENDENT MAY DETERMINE THAT THE SOFT MATERIAL IS TO BE EXCAVATED AND REMOVED FROM THE SITE.
- HAULAGE ROUTES AND ALIGNMENTS WILL BE SUBJECT TO THE PRIOR APPROVAL AND REVIEW OF THE SUPERINTENDENT.
- UNSUITABLE MATERIALS, INCLUDING BUILDING WASTES, LITTER, DEBRIS, STONE AND RUBBLE, ORGANIC AND VEGETABLE MATERIALS SHALL NOT BE INCORPORATED INTO THE WORK. SUCH MATERIALS SHALL BE REGULARLY COLLECTED AND STOCKPILED CLEAR OF THE WORKS FOR DISPOSAL BY THE CONTRACTOR TO AN APPROVED LOCATION WITHIN 5KM OF THE SITE.

ENVIRONMENTAL

- NO WORKS SHALL COMMENCE WITHIN TREE ROOT PROTECTION ZONE WITHOUT WRITTEN APPROVAL FROM COUNCIL ARBORIST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENVIRONMENTAL PROTECTION AND THE IMPLEMENTATION OF A SITE ENVIRONMENTAL MANAGEMENT PLAN (SEMP) PREPARED IN ACCORDANCE WITH THE EPA'S "ENVIRONMENTAL GUIDELINES FOR MAJOR CONSTRUCTION SITES" AND "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL".
- ALL PERSONNEL ON SITE INCLUDING SUBCONTRACTORS ARE TO BE INDUCTED ON THE REQUIREMENTS OF THE SEMP.
- THE SEMP IS TO BE DISPLAYED ON SITE AND REGULAR TOOLBOX MEETINGS HELD TO REINFORCE REQUIREMENTS.
- ENVIRONMENTAL PROTECTION MEASURES ARE TO BE INSPECTED BY THE CONTRACTOR A MINIMUM OF 2 TIMES PER WEEK AND PRIOR TO AND AFTER ANY STORM EVENT. ANY DEFICIENCIES IN PROTECTION MEASURES ARE TO BE RECORDED AND RECTIFIED WITHIN 24 HOURS OF IDENTIFICATION.
- THE CONTRACTOR SHALL MAINTAIN DOCUMENTATION INCLUDING BUT NOT LIMITED TO RECORDS OF INSPECTION OF PROTECTION MEASURES, IDENTIFICATION AND RECTIFICATION OF DEFICIENCIES, INCIDENT REPORTS, INDUCTION CHECKLISTS AND MINUTES OF TOOLBOX MEETINGS.

EARTHWORKS NOTES

- EXISTING DRAINS & DAMS TO BE DE-WATERED & BACKFILLED TO SUPERINTENDENT'S SPECIFICATION.
- DE-WATERING TO BE CARRIED OUT IN ACCORDANCE WITH THE EPA'S GUIDELINE "CONSTRUCTION GUIDELINES FOR MAJOR CONSTRUCTION SITES" DECEMBER 1995.
- ANY ADDITIONAL PERMITS, FEES OR CHARGES REQUIRED BY THE LOCAL AUTHORITIES WILL BE PAID FOR BY THE CONTRACTOR.
- PRIOR TO THE COMMENCEMENT OF FILLING THE SITE SHALL BE STRIPPED AND STOCKPILED AS DIRECTED BY SUPERINTENDENT.
- FILL TO BE PLACED AND COMPACTED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS.
- RECORDS SHALL BE KEPT OF ALL EARTHWORK CONSTRUCTION AS CONTAINED IN AS3788-2007 CLAUSE 3.4 AND A COPY MADE AVAILABLE TO THE ENGINEER AND COUNCIL UPON COMPLETION.
- NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE FOR PUBLIC OPEN SPACE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- FINAL SUBGRADE COMPACTION TEST AND ALLOTMENT COMPACTION & SOIL TESTS ARE TO BE PROVIDED AT THE COMPLETION OF THE FILLING WORKS.
- ALL BATTERS TO BE 1:3, UNLESS OTHERWISE SHOWN.
- ON COMMENCEMENT OF EARTHWORKS IN THE OUTFALL AREA, STRAW BALES ARE TO BE SECURELY PLACED AROUND THE INLET STRUCTURE TO TRAP SEDIMENT ON SITE.
- PRIOR TO STRIPPING, ALL TOPSOIL TO BE SPRAYED WITH A PRE-EMERGENT HERBICIDE.
- ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE REQUIREMENTS OF THE ENVIRONMENTAL MANAGEMENT PLAN.
- STRIP ALL TOP SOIL AND VEGETABLE MATERIAL AND STOCKPILE AT DESIGNATED LOCATIONS CLEAR OF THE WORKS FOR REUSE.
- EXCESS TOPSOIL SHALL BECOME THE PROPERTY OF THE PRINCIPAL & STORED ON SITE AS DIRECTED FOR FUTURE USE.
- PRIOR TO PLACEMENT OF ANY FILL THE SUBGRADE SHALL BE PROOF ROLLED AND APPROVED BY THE SUPERINTENDENT.
- ALL LOOSE FILL MATERIAL SHALL BE SPREAD BEFORE COMPACTION TO FORM AN EVEN LAYER THICKNESS. WHERE PRACTICABLE THE LAYERS SHALL BE PARALLEL TO THE FINISHED SURFACE OR HORIZONTAL.
- ALL EXPOSED SURFACES SHALL BE DRAINED TO A DESIGNATED POINT.
- THE MOISTURE CONTENT OF THE FILL MATERIAL WILL BE MONITORED AT ALL TIMES, WHERE NECESSARY ADDITIONAL WATER WILL BE BROUGHT TO THE SITE AND ADDED TO THE FILL MATERIAL AT A CONTROLLED RATE. THE WATER WILL BE CLEAN AND CARTED/DISTRIBUTED USING APPROVED EQUIPMENT.
- DUST SUPPRESSION SHALL BE ACHIEVED USING AN APPROVED METHOD.
- ANY SOFT AREAS WILL BE INSPECTED BY THE SUPERINTENDENT. THE SUPERINTENDENT MAY DETERMINE THAT THE SOFT MATERIAL IS TO BE EXCAVATED AND REMOVED FROM THE SITE.
- HAULAGE ROUTES AND ALIGNMENTS WILL BE SUBJECT TO THE PRIOR APPROVAL AND REVIEW OF THE SUPERINTENDENT.
- UNSUITABLE MATERIALS, INCLUDING BUILDING WASTES, LITTER, DEBRIS, STONE AND RUBBLE, ORGANIC AND VEGETABLE MATERIALS SHALL NOT BE INCORPORATED INTO THE WORK. SUCH MATERIALS SHALL BE REGULARLY COLLECTED AND STOCKPILED CLEAR OF THE WORKS FOR DISPOSAL BY THE CONTRACTOR TO AN APPROVED LOCATION WITHIN 5KM OF THE SITE.

- ANY BORROW FILL MATERIALS WILL BE SOURCED FROM AN APPROVED LOCATION AND OF A TYPE AND QUALITY APPROVED BY THE SUPERINTENDENT.
- SURPLUS FILL MATERIALS OR MATERIALS DESIGNATED AS SPOIL NOT REQUIRED, SHALL BE REGULARLY COLLECTED AND STOCKPILED CLEAR OF THE WORKS FOR DISPOSAL BY THE CONTRACTOR TO AN APPROVED LOCATION WITHIN 10KM OF THE SITE.
- NO FILL MATERIAL SHALL BE PLACED AGAINST OR IN CLOSE PROXIMITY OF ANY STRUCTURES, PITS, TREES OR BUILDINGS WITHOUT THE APPROVAL OF THE SUPERINTENDENT.
- NO FILL MATERIAL SHALL BE PLACED AGAINST OR IN CLOSE PROXIMITY OF FENCES OR OTHER NON-STRUCTURAL OBJECTS WITHOUT THE APPROVAL OF THE SUPERINTENDENT.
- THE CONTRACTOR SHALL KEEP AND MAINTAIN DETAILED RECORDS OF THE PLACEMENT OF ALL FILL MATERIALS AND COMPACTION METHODOLOGY.
- THE SUPERINTENDENT MAY REQUIRE THE WORK TO BE ROLLED WITH PNEUMATIC TYRES AS AN ADDED PROTECTION AGAINST RAIN DAMAGE OR SCOUR.
- NO CEMENT STABILISATION WORKS OR ANY OTHER MODIFIED MATERIALS TO BE INCORPORATED WITHIN THE WORKS WITHOUT THE SUPERINTENDENT'S APPROVAL.

ROCKWORK NOTES

- PRIOR TO COMMENCING ANY ROCK WORK, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE SUPERINTENDENT TO THE PROPOSED SOURCE OF ROCK MATERIAL DURING THE WORK.
- THE SUPERINTENDENT MAY REJECT ANY MATERIAL SUPPLIED WHICH, IN HIS OPINION, DOES NOT CONFORM WITH THE SPECIFICATION.
- ROCK PLACEMENT SHALL COMMENCE AFTER EXCAVATION AND COMPACTION OF THE SURFACES TO BE BEACHED. A TRIAL AREA OF ROCK LINING SHALL BE CONSTRUCTED AND INSPECTED BY THE SUPERINTENDENT AND DIRECTIONS GIVEN ONCE A SATISFACTORY APPEARANCE IS ACHIEVED. AFTER APPROVAL OF THIS AREA, THE SAME METHODOLOGY SHALL BE APPLIED TO THE REMAINDER OF THE PROPOSED ROCK LINED SURFACES.

20/02/2023 11:53:07 AM 3697 C01 FACE SHEET.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

| NOTATIONS: |
|--|
| SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830 |
| LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55 |
| LENGTHS ARE SHOWN IN METRES |
| CONTOUR INTERVAL IS 0.10m |

CONSTRUCTION

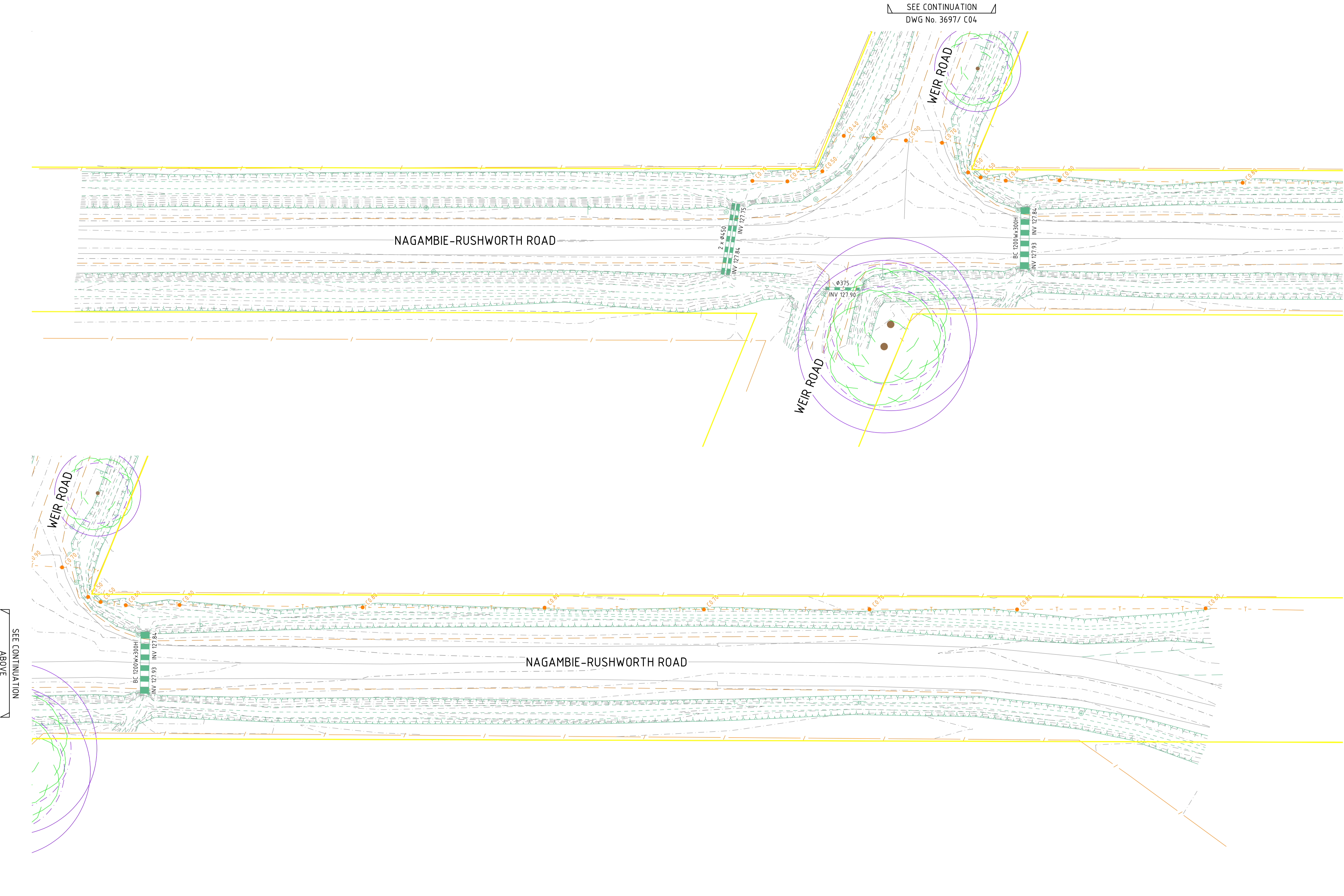
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

Strathbogie Shire
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

| | | | |
|---|--|--------------------------------------|-----------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: - | | Cad File: 3697 C01 FACE SHEET.DWG | Size: A1 |
| Property: - | | Scale: SCALE AS SHOWN | |
| Title: GENERAL NOTES | | Drawing No: 3697 / C02 | Sheet: 2 of 56 |
| | | | Issue: G |

SEE CONTINUATION
DWG No. 3697/ C04

SEE CONTINUATION
BELOW



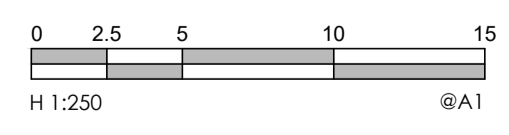
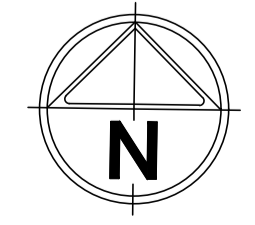
SEE CONTINUATION
ABOVE

20/02/2023 12:02:36 PM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION




Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

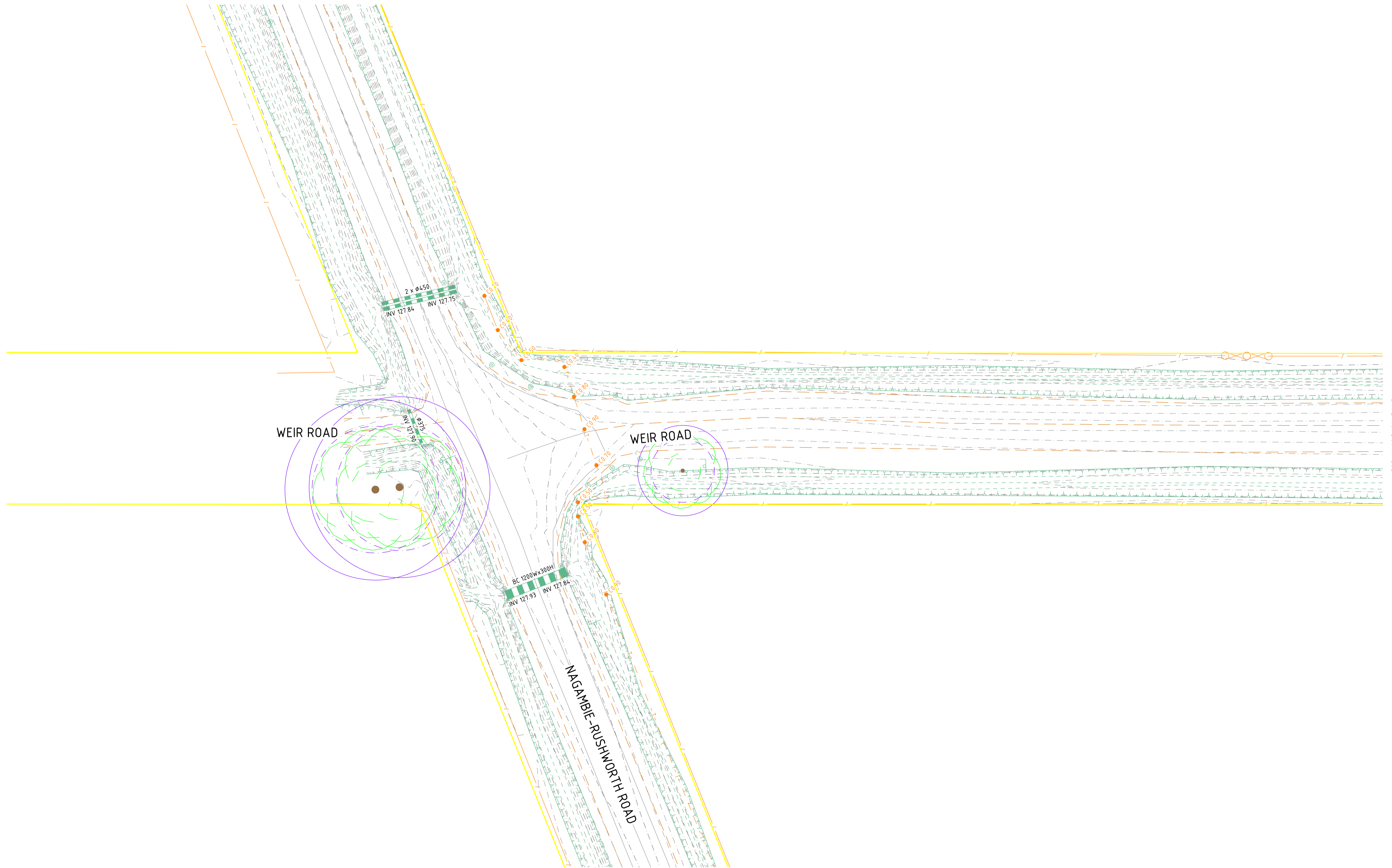


abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | |
|---------------|---|--|--|
| Client: | STRATHBOGIE SHIRE | | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | |
| Location: | - | | |
| Property: | - | | |
| Title: | EXISTING CONDITIONS | | |

| | | | | |
|-----------|---------------------------|-----------|---------------------------|---------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 | |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Cad File: | 3697 C03 EXISTING.DWG | | Size: | A1 |
| Scale: | SCALE AS SHOWN | | Sheet: | 3 of 56 |
| Issue: | 3697 / C03 | | Issue: | G |

SEE CONTINUATION
DWG No. 3697/ C03



SEE CONTINUATION
DWG No. 3697/ C05

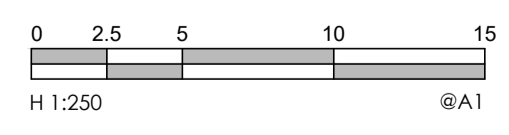
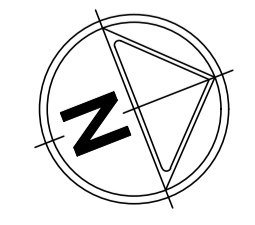
SEE CONTINUATION
DWG No. 3697/ C03

20/02/2023 11:53:41 AM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D. GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogies
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | |
|---|-----------------------------------|
| Client: STRATHBOGIE SHIRE | |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Location: - | Approved: K.TIDD 19/11/2021 |
| Property: - | Cad File: 3697 C03 EXISTING.DWG |
| Title: EXISTING CONDITIONS | Scale: SCALE AS SHOWN |
| | Drawing No: 3697 / C04 |
| | Sheet: 4 of 56 |
| | Issue: G |

| | |
|--------------------------------------|-----------------------------------|
| Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Cad File: 3697 C03 EXISTING.DWG | Size: A1 |
| Scale: SCALE AS SHOWN | |
| Drawing No: 3697 / C04 | Sheet: 4 of 56 |
| | Issue: G |

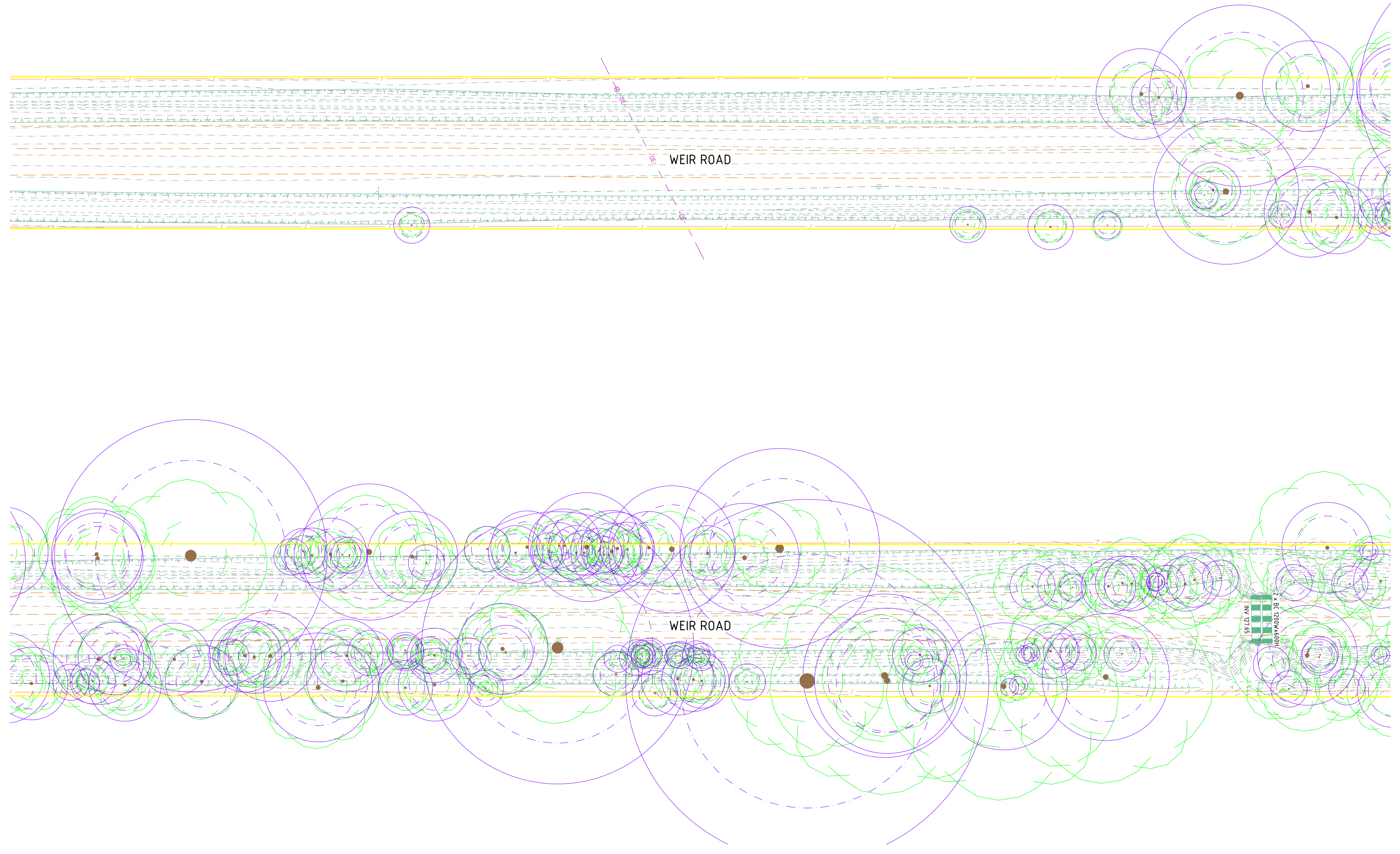
20/02/2023 11:53:42 AM 3697 C03 EXISTING.DWG

SEE CONTINUATION
DWG No. 3697 / C04

SEE CONTINUATION
ABOVE
DWG No. 3697 / C06

SEE CONTINUATION
BELOW

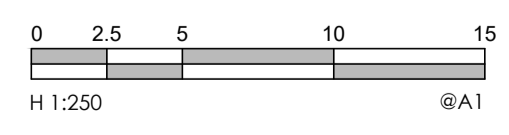
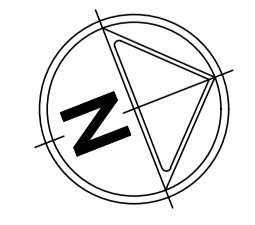
SEE CONTINUATION
DWG No. 3697 / C06



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

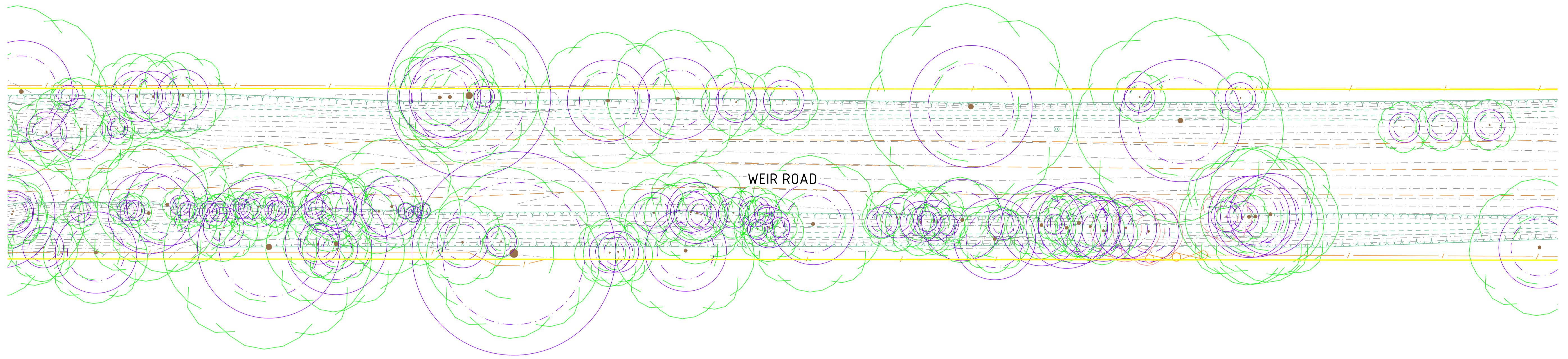
abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | EXISTING CONDITIONS | |

| | | | | | |
|-----------|-----------------------|------------|-------------|----------------|------------|
| Surveyed: | C.DRUITT | 21/10/2021 | Drawn: | N.Y-HUSBAND | 15/11/2021 |
| Designed: | N.Y-HUSBAND | 15/11/2021 | Approved: | K.TIDD | 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | | Scale: | SCALE AS SHOWN | |
| Size: | A1 | | Drawing No: | 3697 / C05 | Sht: |
| Issue: | 5 of 56 | | | | |

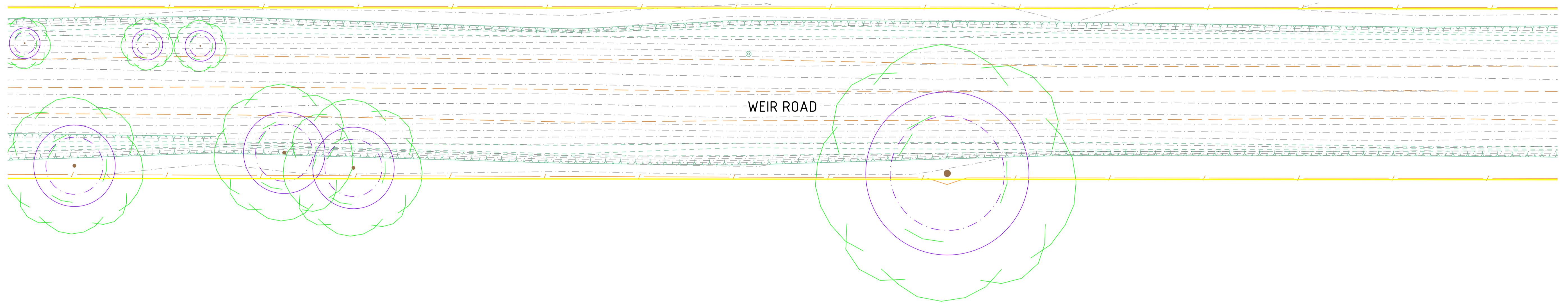
SEE CONTINUATION
DWG No. 3697 / C05

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

SEE CONTINUATION
DWG No. 3697 / C07

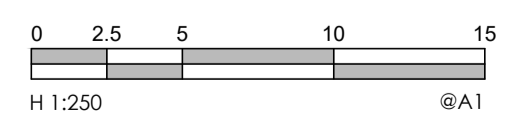
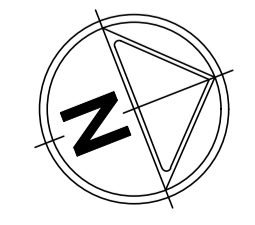


20/02/2023 12:06:47 PM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogrie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | EXISTING CONDITIONS | |

| | | | |
|-------------|---------------------------|-----------|---------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | Scale: | SCALE AS SHOWN |
| Drawing No: | 3697 / C06 | Sht: | 6 of 56 |
| Issue: | - | Size: | A1 |

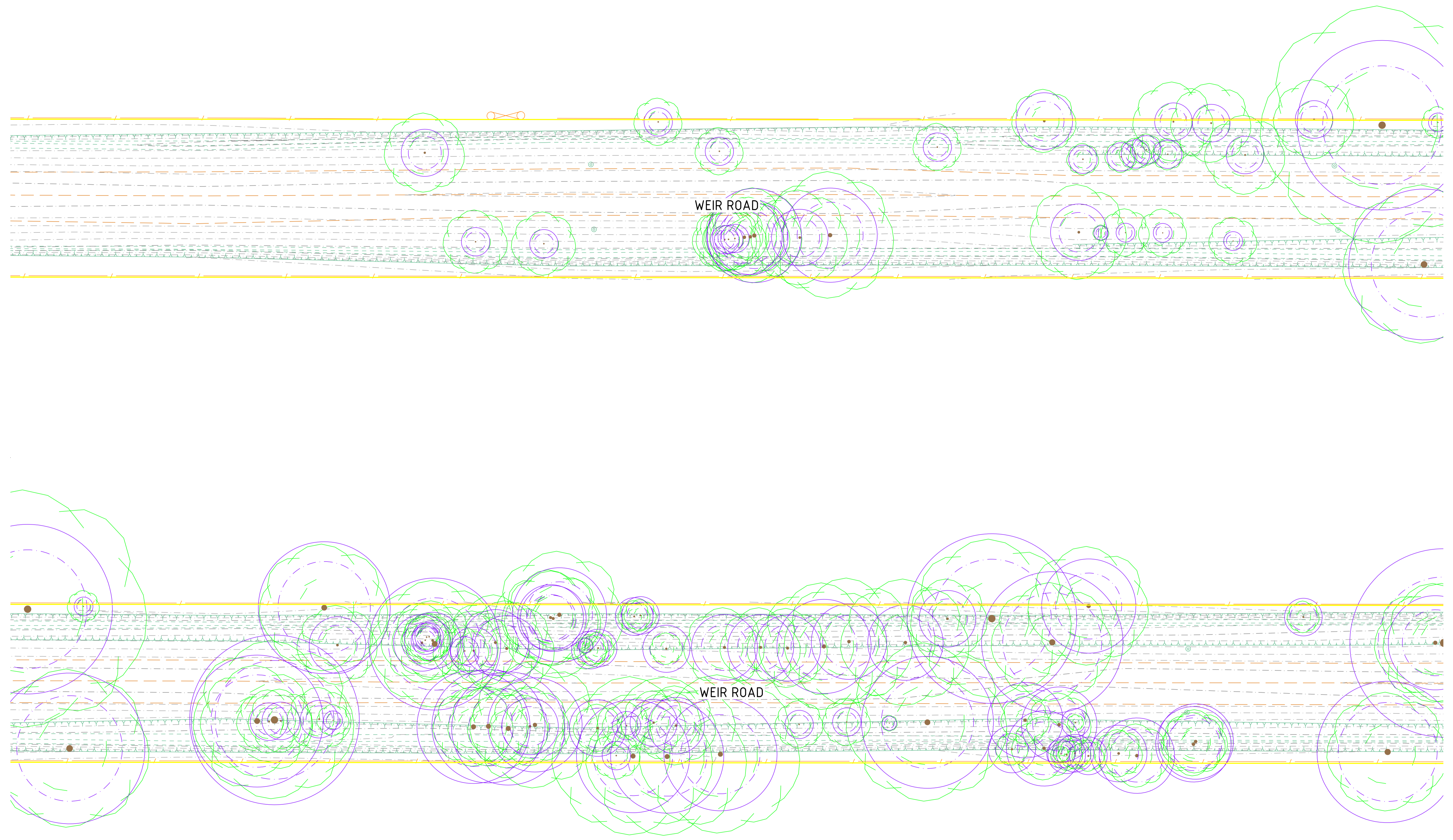
20/02/2023 12:05:50 PM 3697 C03 EXISTING.DWG

SEE CONTINUATION
DWG No. 3697 / C06

SEE CONTINUATION
ABOVE

SEE CONTINUATION
BELOW

SEE CONTINUATION
DWG No. 3697 / C08

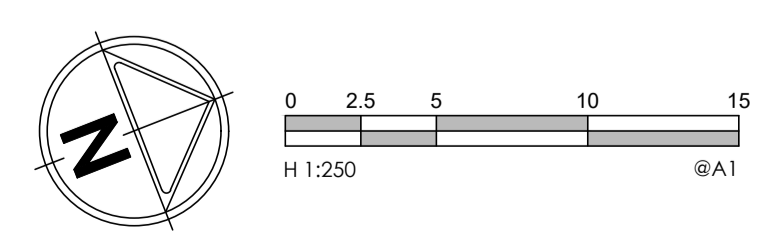


| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie shire

Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

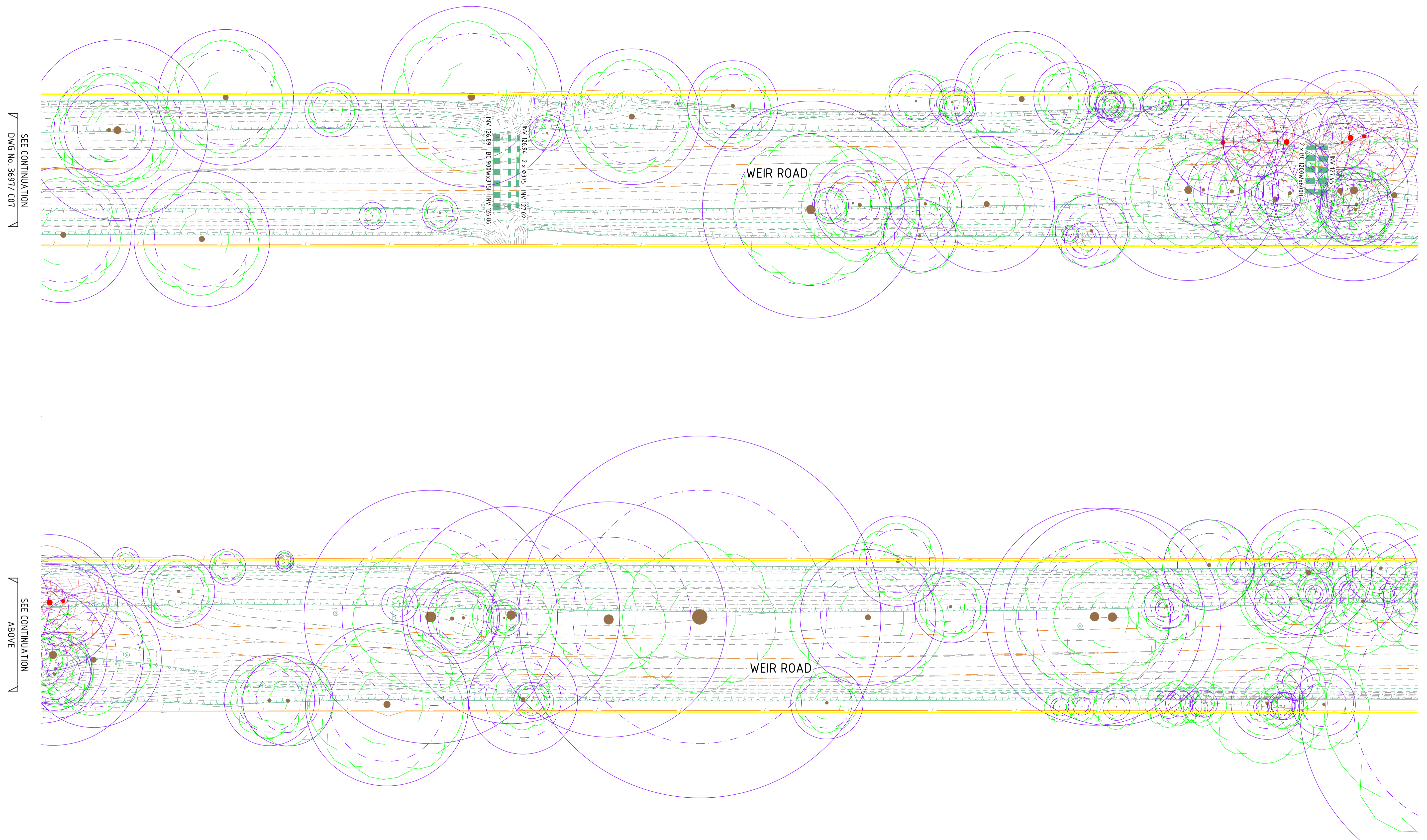
CAF CONSULTING

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | - |
| Property: | - |
| Title: | EXISTING CONDITIONS |

| | | | |
|-------------|---------------------------|-----------|---------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | Scale: | SCALE AS SHOWN |
| Drawing No: | 3697 / C07 | Sht: | 7 of 56 |
| Size: | A1 | Issue: | G |

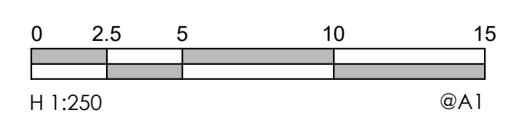
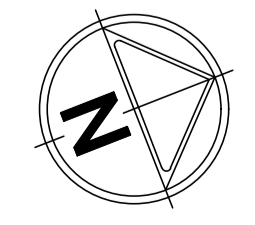
20/02/2023 11:55:42 AM 3697 C03 EXISTING.DWG



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D. GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION




Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993



abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | |
|--|------------------------------|
| Client: STRATHBOGIE SHIRE | |
| Project Name: ROAD RECONSTRUCTION PROJECT | Drawn: N.Y-HUSBAND |
| Location: WEIR AND REED LAKE ROADS, NAGAMBIE | Approved: K.TIDD |
| Property: - | Scale: 3697 C03 EXISTING.DWG |
| Title: EXISTING CONDITIONS | Scale: SCALE AS SHOWN |
| | Drawing No: 3697 / C08 |
| | Sht: 8 of 56 |
| | Issue: G |

| | |
|------------------------------|--------------------|
| Surveyed: C.DRUITT | Drawn: N.Y-HUSBAND |
| 21/10/2021 | 15/11/2021 |
| Designed: N.Y-HUSBAND | Approved: K.TIDD |
| 15/11/2021 | 19/11/2021 |
| Scale: 3697 C03 EXISTING.DWG | Size: A1 |
| Scale: SCALE AS SHOWN | Issue: G |
| Drawing No: 3697 / C08 | Sht: 8 of 56 |
| | Issue: G |

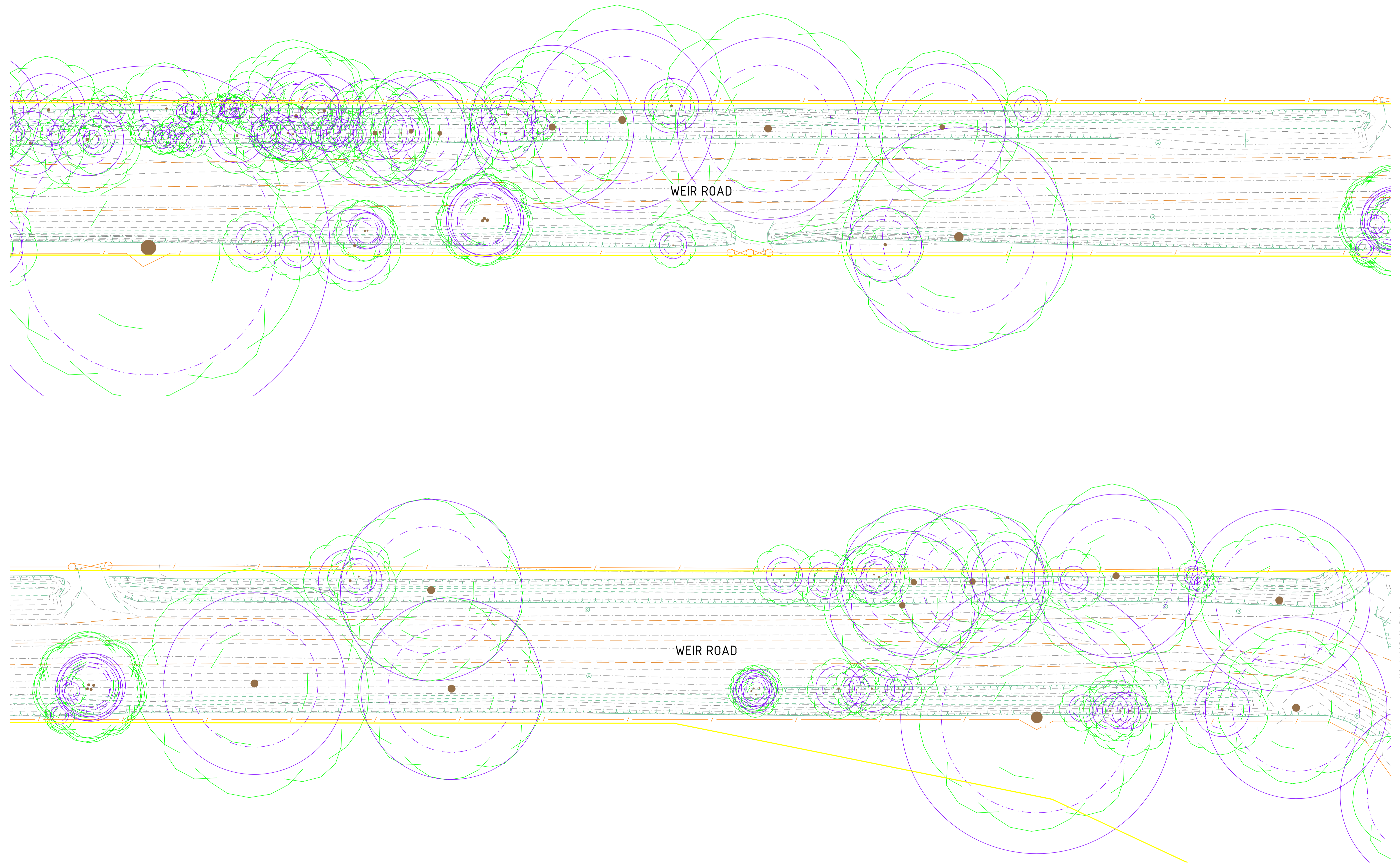
20/02/2023 11:55:42 AM 3697 C03 EXISTING.DWG

SEE CONTINUATION
DWG No. 3697 / C08

SEE CONTINUATION
ABOVE

SEE CONTINUATION
BELOW

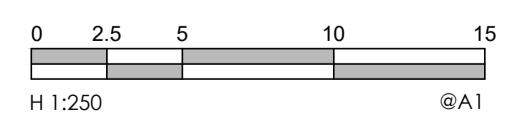
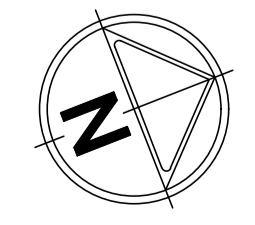
SEE CONTINUATION
DWG No. 3697 / C10



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION




Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

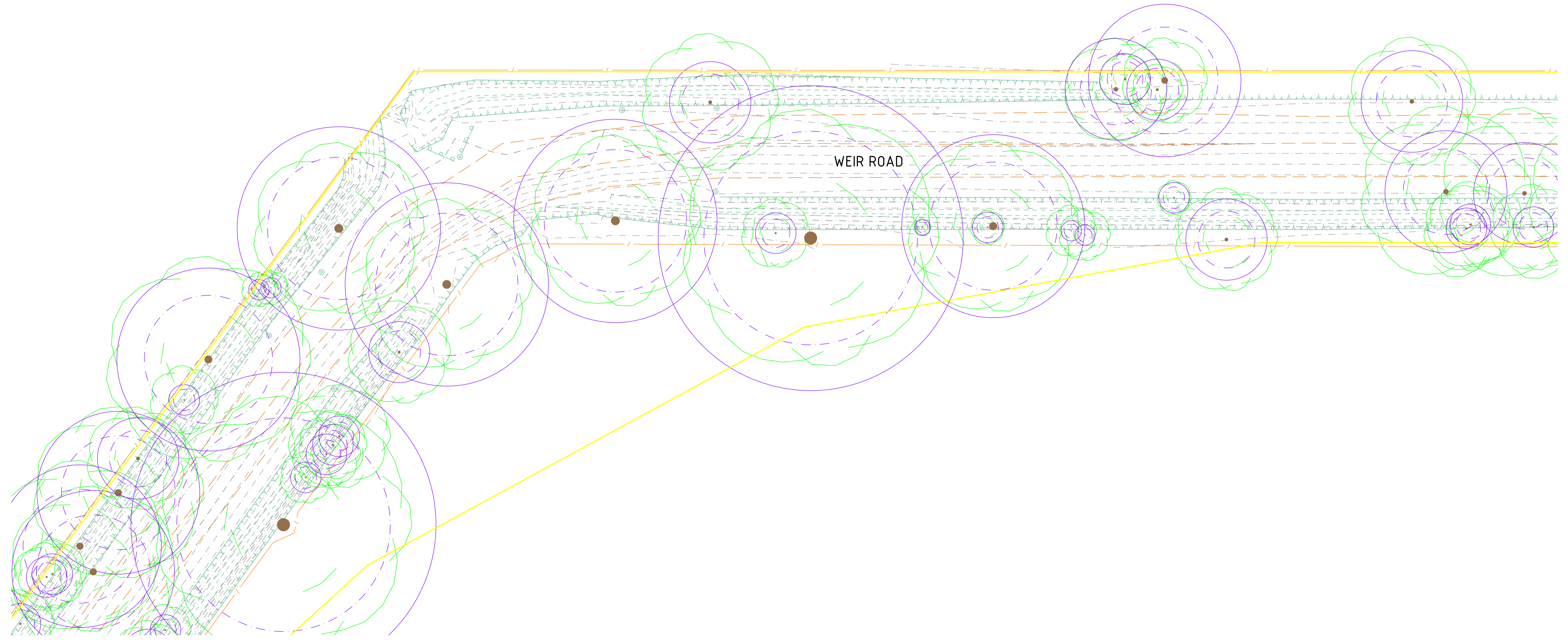


abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | |
|---|-----------------------|
| Client: STRATHBOGIE SHIRE | |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Property: - |
| Title: EXISTING CONDITIONS | Scale: SCALE AS SHOWN |

| | |
|-------------------------------------|----------------------------------|
| Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y-HUSBAND 15/11/2021 |
| Designed: N.Y-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Cad File: 3697 C03 EXISTING.DWG | Size: A1 |
| Scale: SCALE AS SHOWN | Sheet: 9 of 56 |
| Drawing No: 3697 / C09 | Issue: G |

SEE CONTINUATION
DWG No. 3697 / C11



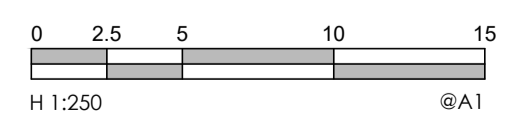
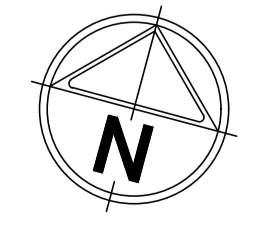
SEE CONTINUATION
DWG No. 3697 / C9

20/02/2023 12:01:13 PM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogrie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | EXISTING CONDITIONS | |

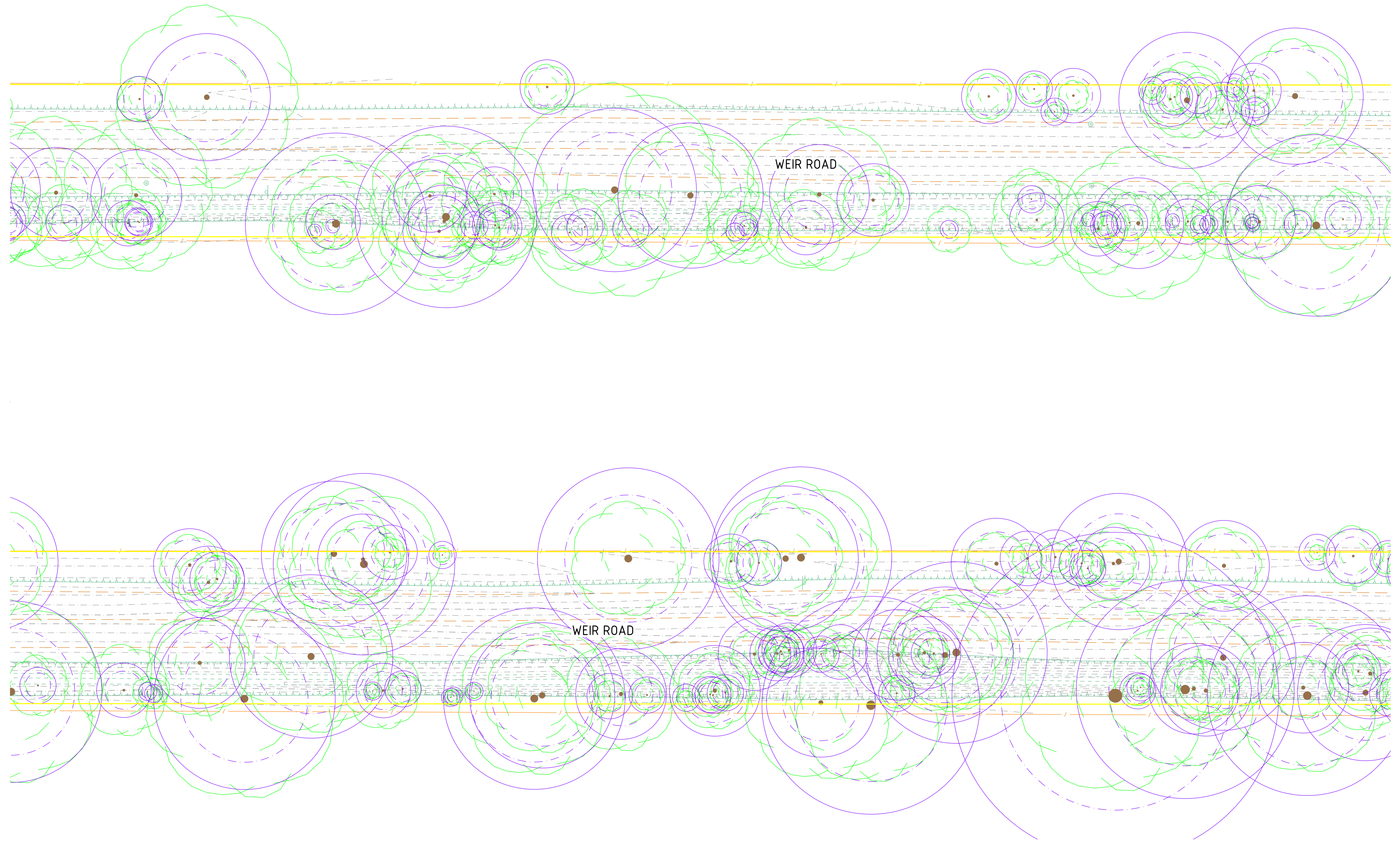
| | | | |
|-----------|---------------------------|-----------|---------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | Size: | A1 |
| Scale: | SCALE AS SHOWN | Sheet: | 10 of 56 |
| Issue: | | Issue: | G |

SEE CONTINUATION
DWM No. 3697 / C10

SEE CONTINUATION
BELOW

SEE CONTINUATION
ABOVE

SEE CONTINUATION
DWM No. 3697 / C12

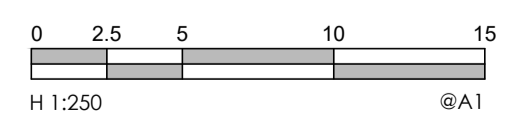
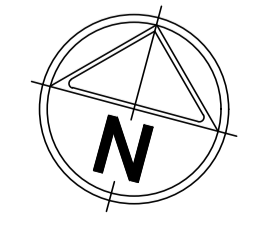


20/02/2023 12:05:50 PM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



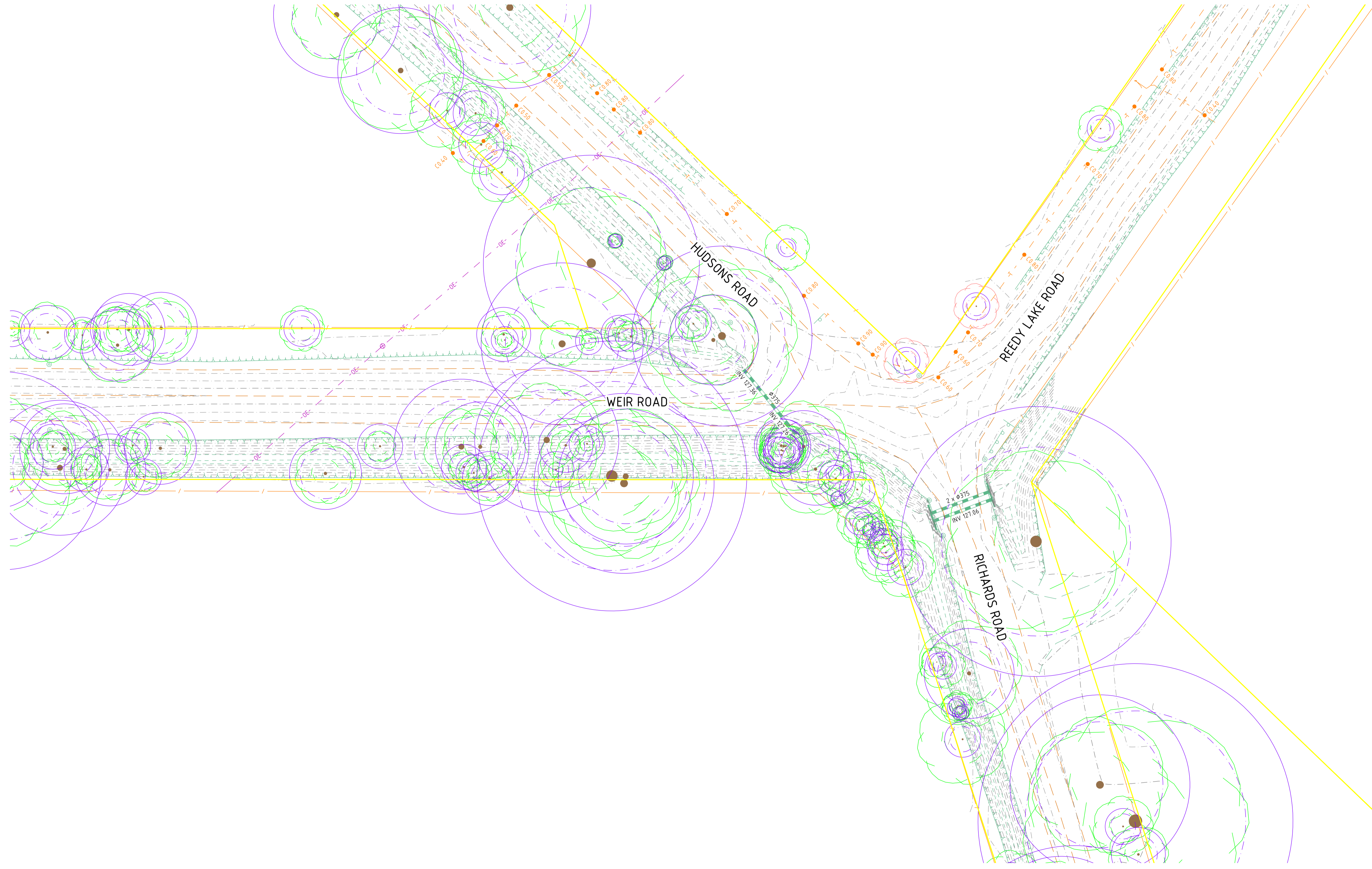

Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993



abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | EXISTING CONDITIONS | |

| | | | |
|-------------|---------------------------|-----------|---------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | Scale: | SCALE AS SHOWN |
| Drawing No: | 3697 / C11 | Sht: | 11 of 56 |
| Issue: | | Size: | A1 |



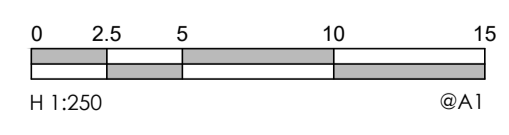
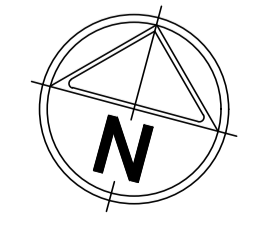
SEE CONTINUATION
DWG No. 3697/ C11

20/02/2023 12:06:47 PM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

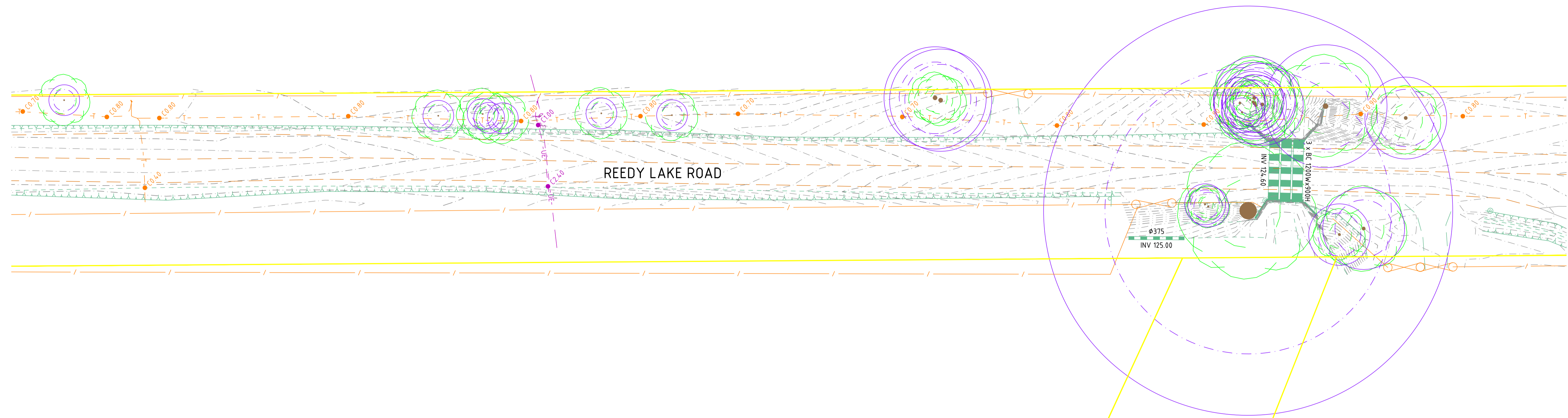
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | |
| Property: | |
| Title: | EXISTING CONDITIONS |

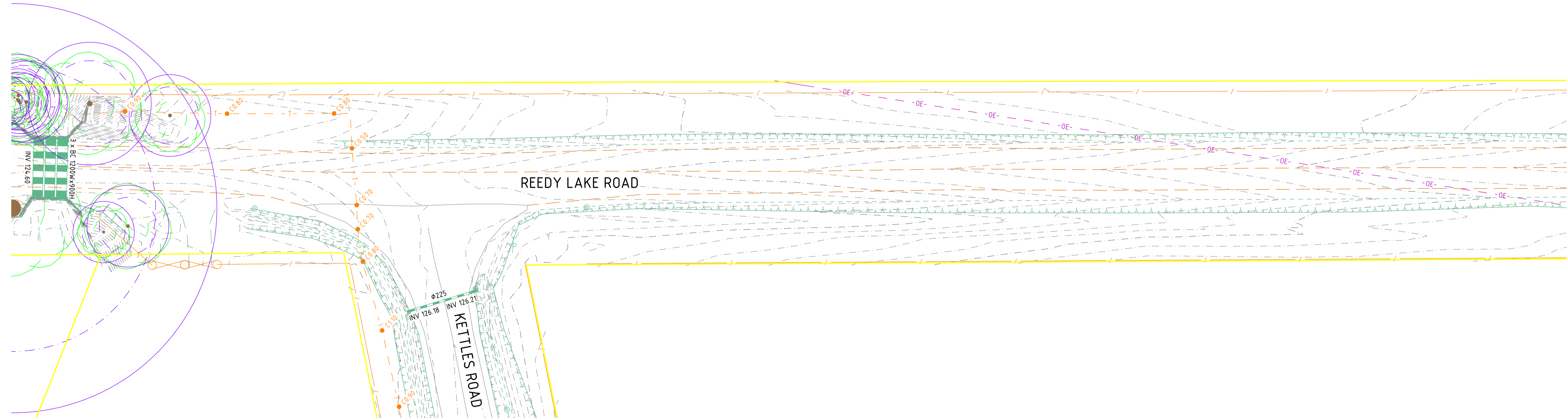
| | | | | | | |
|-----------|-----------------------|------------|-----------|-------------|------------|----------|
| Surveyed: | C.DRUITT | 21/10/2021 | Drawn: | N.Y-HUSBAND | 15/11/2021 | |
| Designed: | N.Y-HUSBAND | 15/11/2021 | Approved: | K.TIDD | 19/11/2021 | |
| Cad File: | 3697 C03 EXISTING.DWG | | | | Size: | A1 |
| Scale: | SCALE AS SHOWN | | | | Sheet: | 12 of 56 |
| Issue: | 3697 / C12 | | | | Issue: | G |

SEE CONTINUATION
 DWG No. 3697/ C12

SEE CONTINUATION
 BELOW



SEE CONTINUATION
 ABOVE

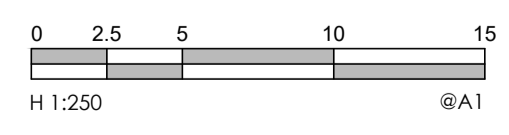
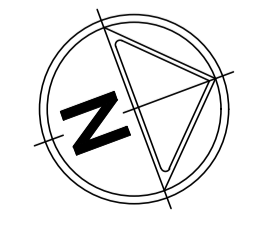


SEE CONTINUATION
 DWG No. 3697/ C14

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

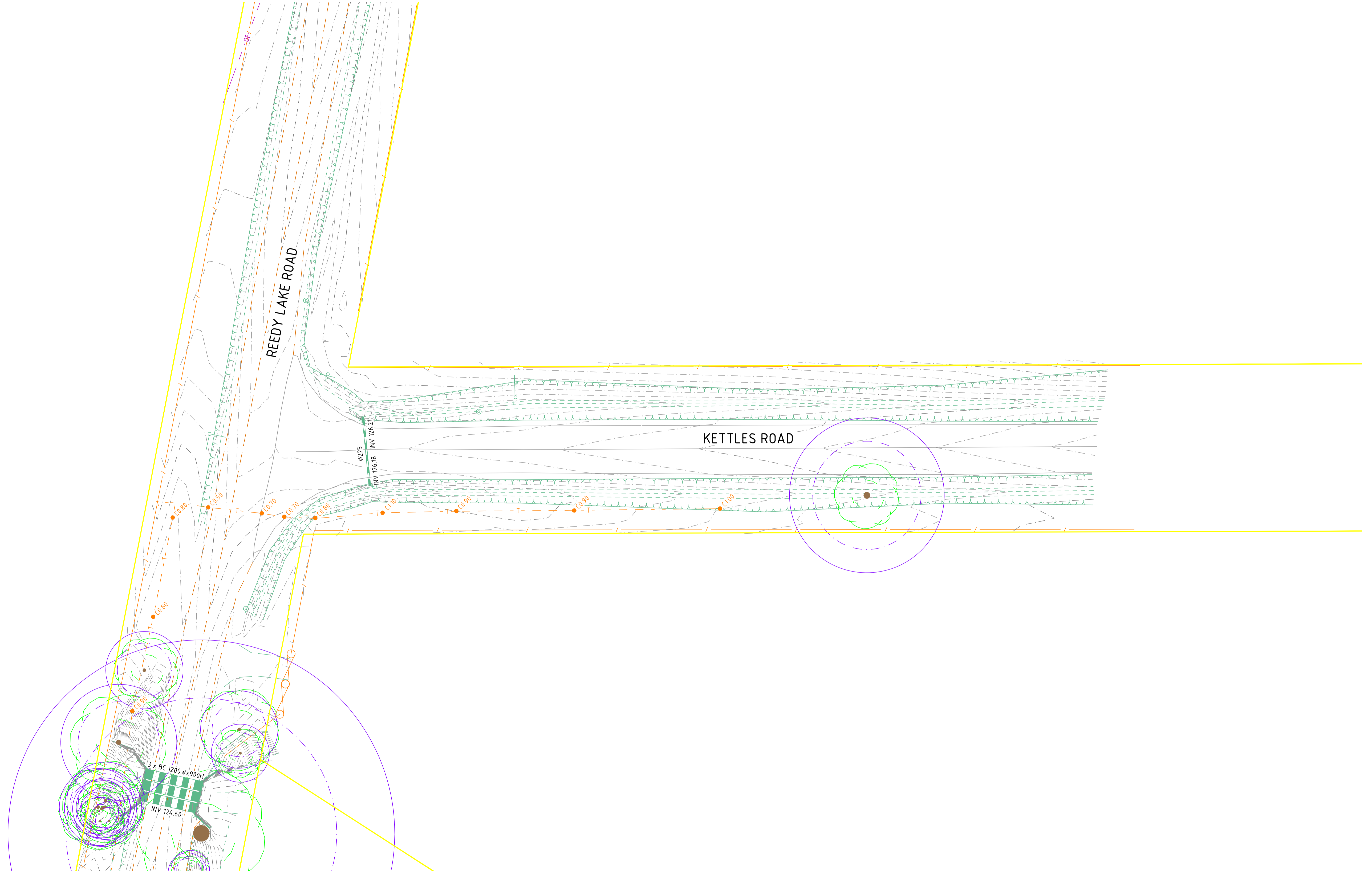
abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | |
| Property: | |
| Title: | EXISTING CONDITIONS |

| | | | |
|-----------|----------------------------|-----------|----------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C03 EXISTING.DWG | Scale: | SCALE AS SHOWN |
| Size: | A1 | Sheet: | 13 of 56 |
| Issue: | G | | |

20/02/2023 12:05:27 PM 3697 C03 EXISTING.DWG

SEE CONTINUATION
DWG No. 3697/ C13



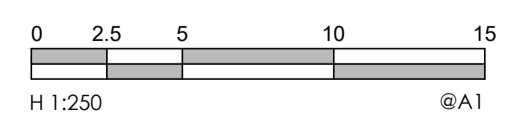
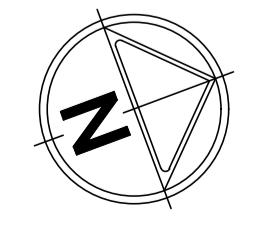
SEE CONTINUATION
DWG No. 3697/ C13

20/02/2023 11:56:44 AM 3697 C03 EXISTING.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D. GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



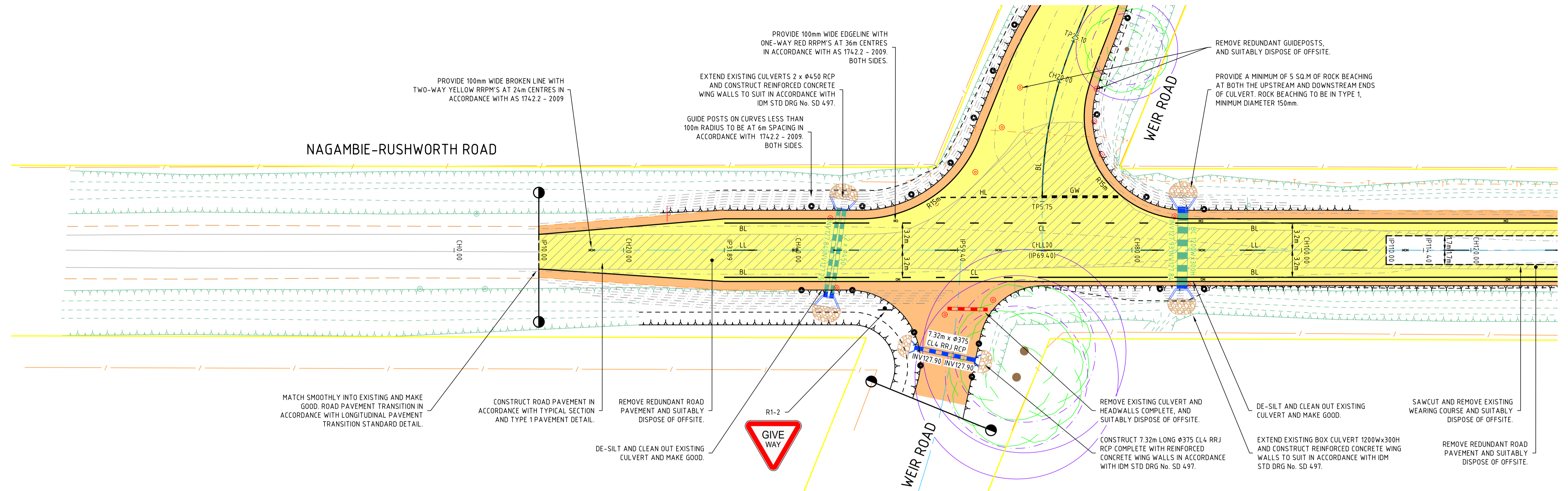
Shire of Strathbogrie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

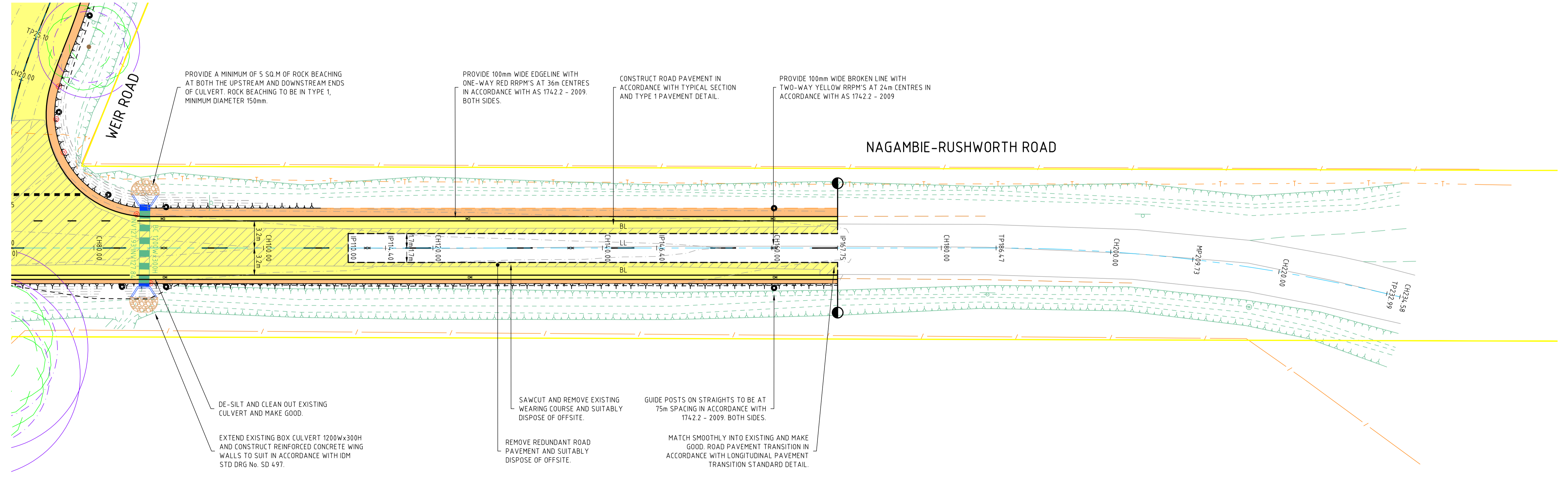
| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | EXISTING CONDITIONS | |

| | | | | |
|-----------|----------------------------|-----------|----------------------------|----------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Cad File: | 3697 C03 EXISTING.DWG | | Size: | A1 |
| Scale: | SCALE AS SHOWN | | Sheet: | 14 of 56 |
| Issue: | - | | Issue: | G |

SEE CONTINUATION
DWG No. 3697/ C16



SEE CONTINUATION
BELOW

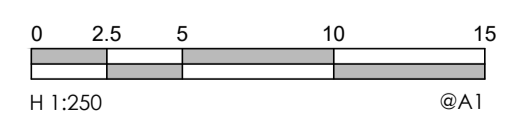
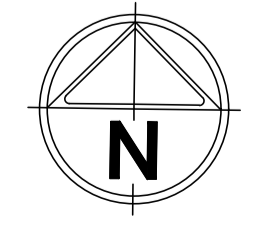


20/02/2023 11:56:45 AM 3697_C16_DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

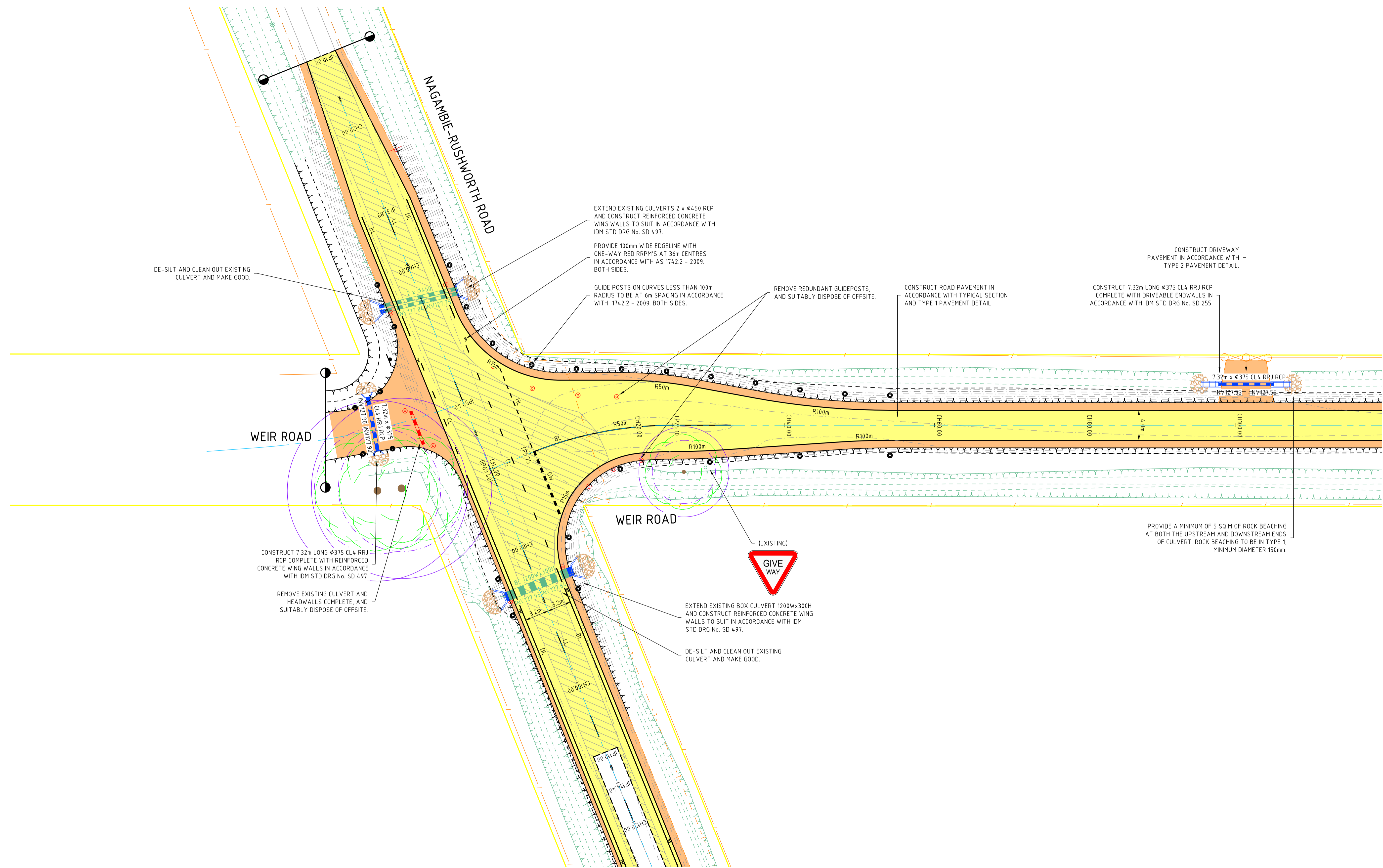


Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Eura, VIC 3666
Phone 1800 065 993

CAF CONSULTING
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: | | Cad File: 3697 C15 DESIGN.DWG | Size: A1 |
| Property: | | Scale: SCALE AS SHOWN | Sheet: 15 of 56 |
| Title: PROPOSED WORKS | | Drawing No: 3697 / C15 | Issue: G |

SEE CONTINUATION
DWG No. 3697/ C15



SEE CONTINUATION
DWG No. 3697/ C17

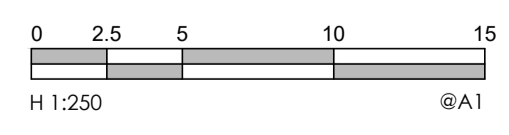
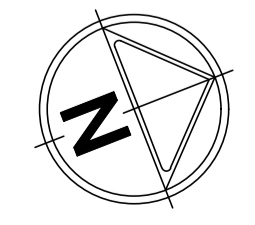
SEE CONTINUATION
DWG No. 3697/ C15

20/02/2023 11:56:20 AM 3697_C15 DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



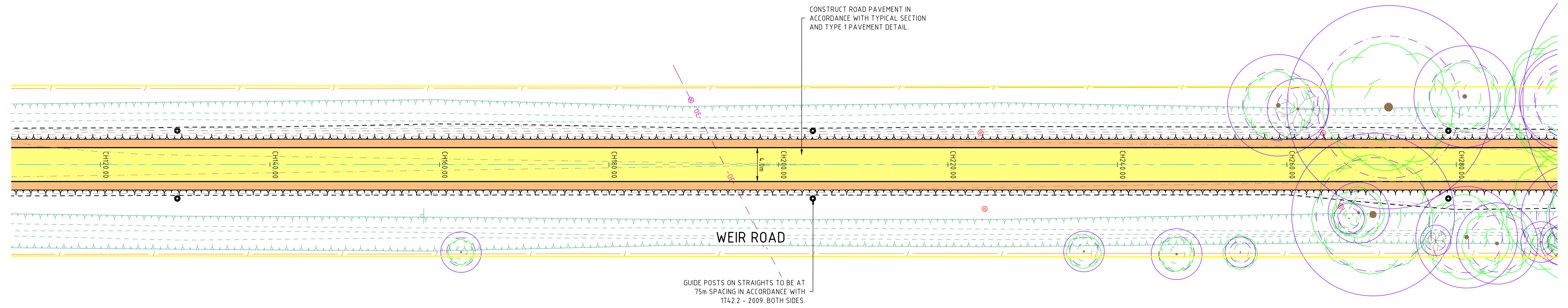
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | |
|---|--|-------------------------------------|----------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Property: - | | Cad File: 3697 C15 DESIGN.DWG | |
| Title: PROPOSED WORKS | | Scale: SCALE AS SHOWN | Size: A1 |
| | | Drawing No: 3697 / C16 | Sheet: 16 of 56 |
| | | | Issue: G |

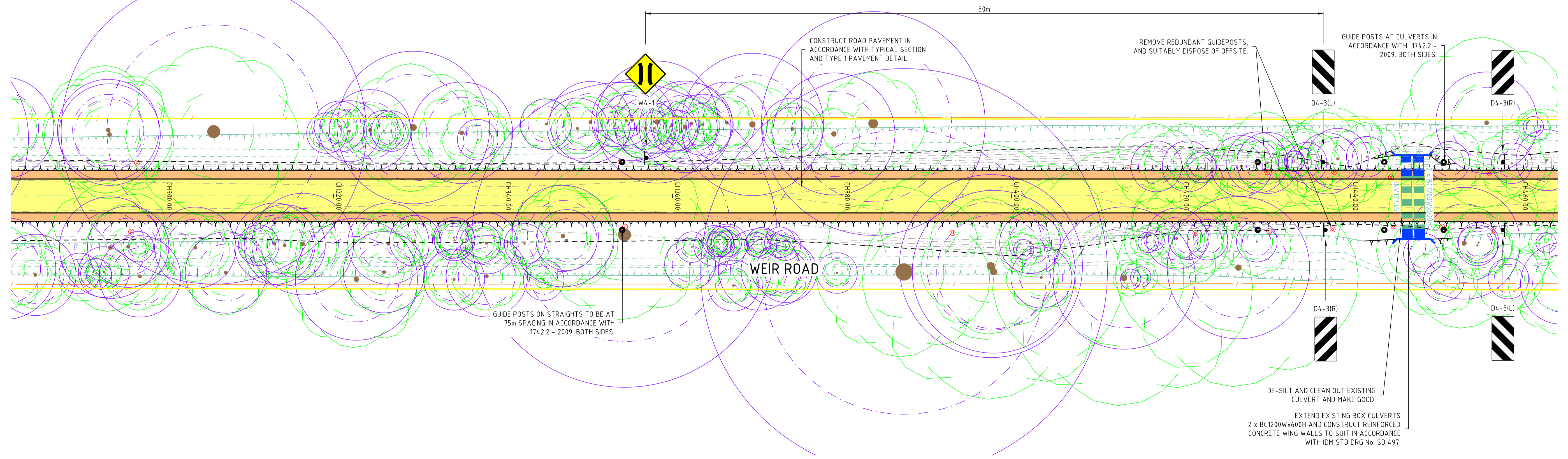
SEE CONTINUATION
DWG No. 3697 / C16

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

SEE CONTINUATION
BELOW

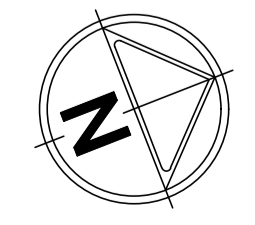


20/02/2023 11:56:21 AM 3697_C16_DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

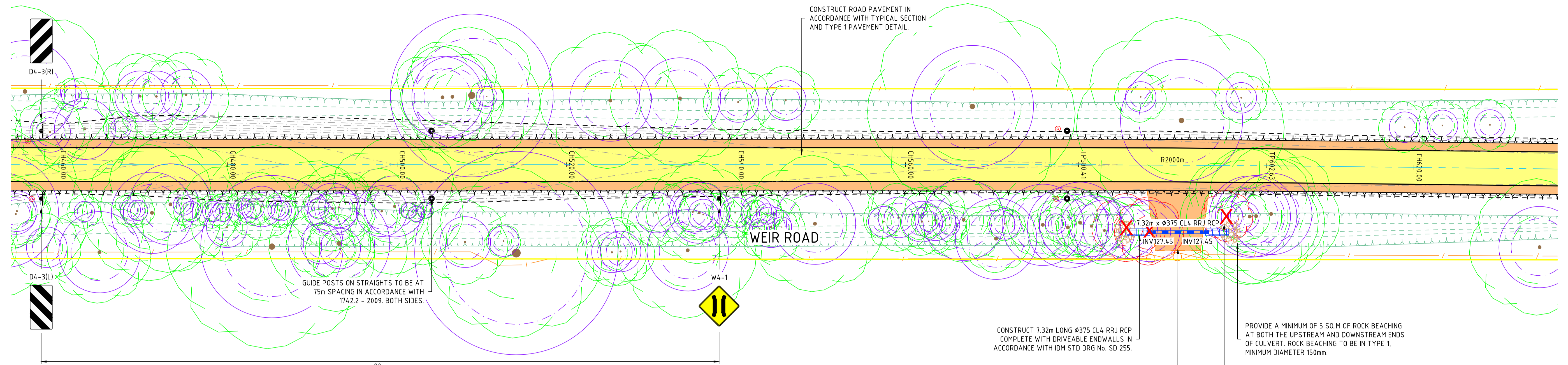
Client: STRATHBOGIE SHIRE
Project Name: ROAD RECONSTRUCTION PROJECT
Location: WEIR AND REED LAKE ROADS, NAGAMBIE
Property: -
Title: PROPOSED WORKS

Surveys: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | |
|-------------------------------------|----------------------------------|
| Designed: C.DRUITT 21/10/2021 | Drawn: N.Y-HUSBAND 15/11/2021 |
| Designed: N.Y-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Cad File: 3697 C15 DESIGN.DWG | Scale: SCALE AS SHOWN |
| Sheet: 3697 / C17 | Issue: 17 of 56 |
| Size: A1 | Issue: G |

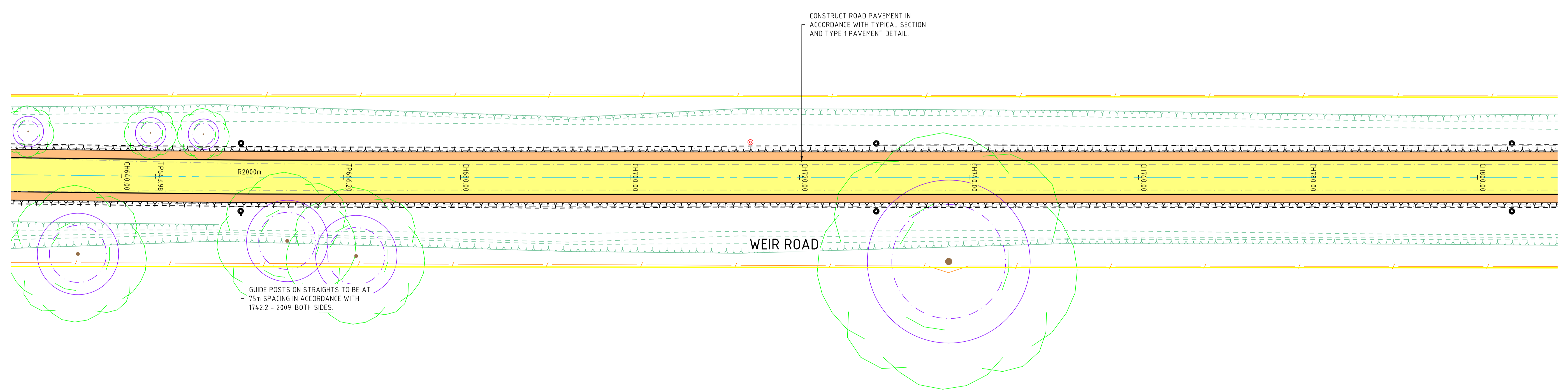
SEE CONTINUATION
DWG No. 3697 / C17

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

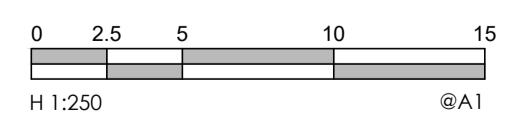
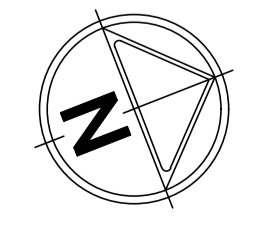
SEE CONTINUATION
BELOW



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie shire

Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

cafc CONSULTING

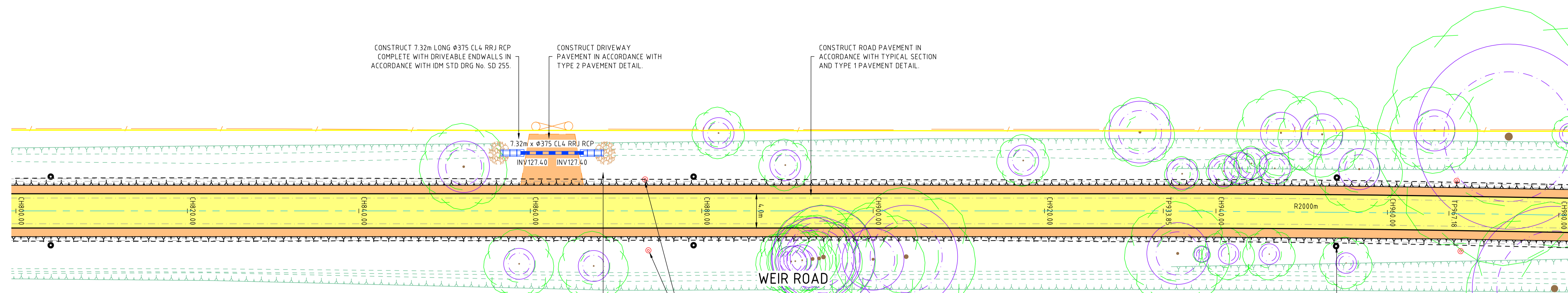
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

| | | | |
|---|--|--------------------------------------|-----------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: - | | Cad File: 3697 C15 DESIGN DWG | |
| Property: - | | Scale: SCALE AS SHOWN | |
| Title: PROPOSED WORKS | | Drawing No: 3697 / C18 | Sht: 18 of 56 |
| | | Size: A1 | |
| | | Issue: G | |

20/02/2023 11:59:33 AM 3697 C15 DESIGN DWG

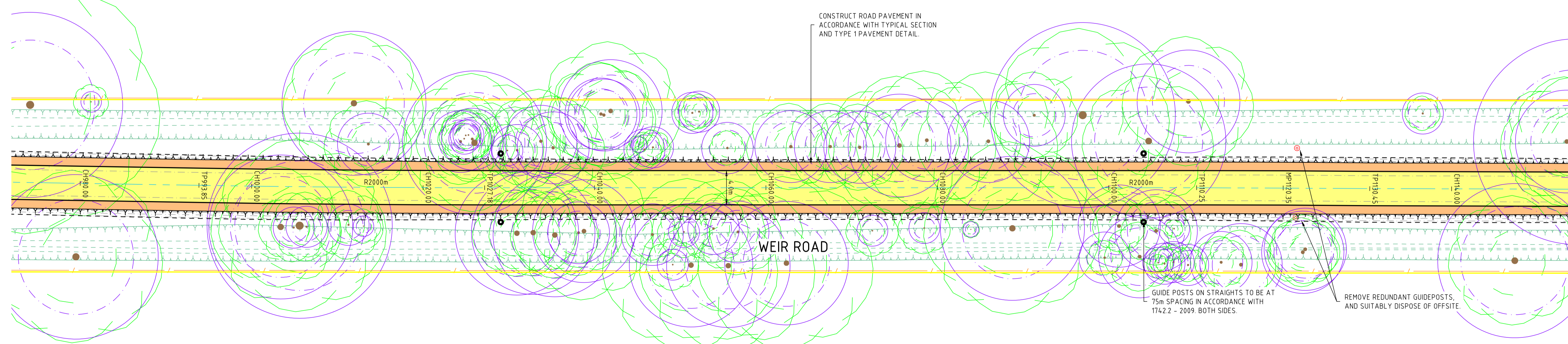
SEE CONTINUATION
 DWG No. 3697 / C18

SEE CONTINUATION
 BELOW



SEE CONTINUATION
 ABOVE

SEE CONTINUATION
 ABOVE

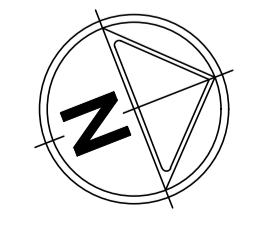


20/02/2023 11:59:33 AM 3697 C18 DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

CAF CONSULTING

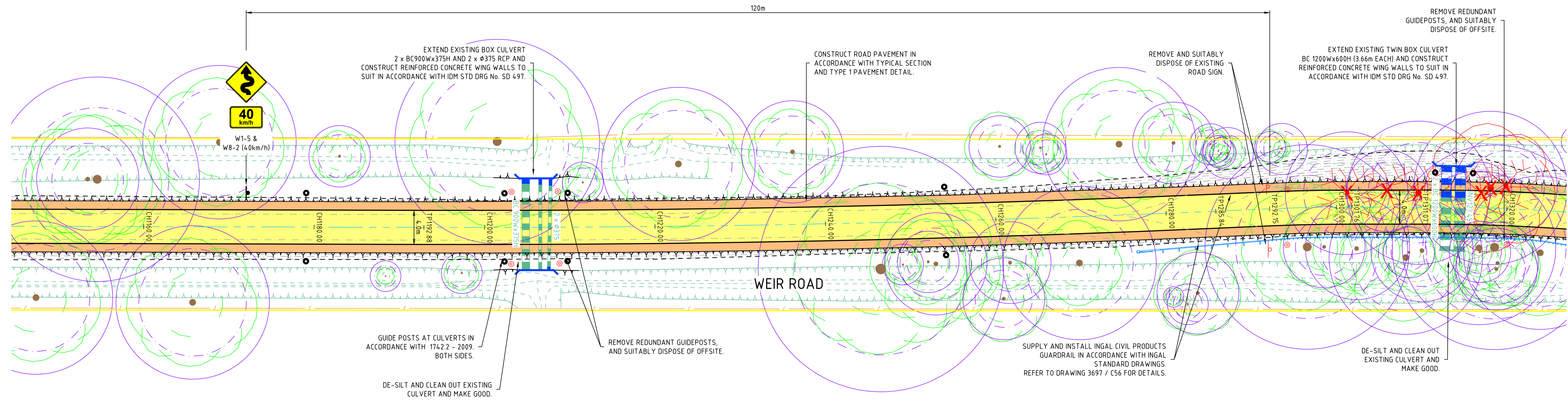
abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O., Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | |
|---|----------------------------------|
| Client: STRATHBOGIE SHIRE | |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Drawn: N.Y-HUSBAND 15/11/2021 |
| Location: - | Approved: K.TIDD 19/11/2021 |
| Property: - | Cad File: 3697 C18 DESIGN.DWG |
| Title: PROPOSED WORKS | Scale: SCALE AS SHOWN |
| | Drawing No: 3697 / C19 |
| | Sht: 19 of 56 |
| | Issue: G |

| | |
|-------------------------------------|----------------------------------|
| Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y-HUSBAND 15/11/2021 |
| Designed: N.Y-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Scale: SCALE AS SHOWN | Size: A1 |
| Drawing No: 3697 / C19 | Sht: 19 of 56 |
| | Issue: G |

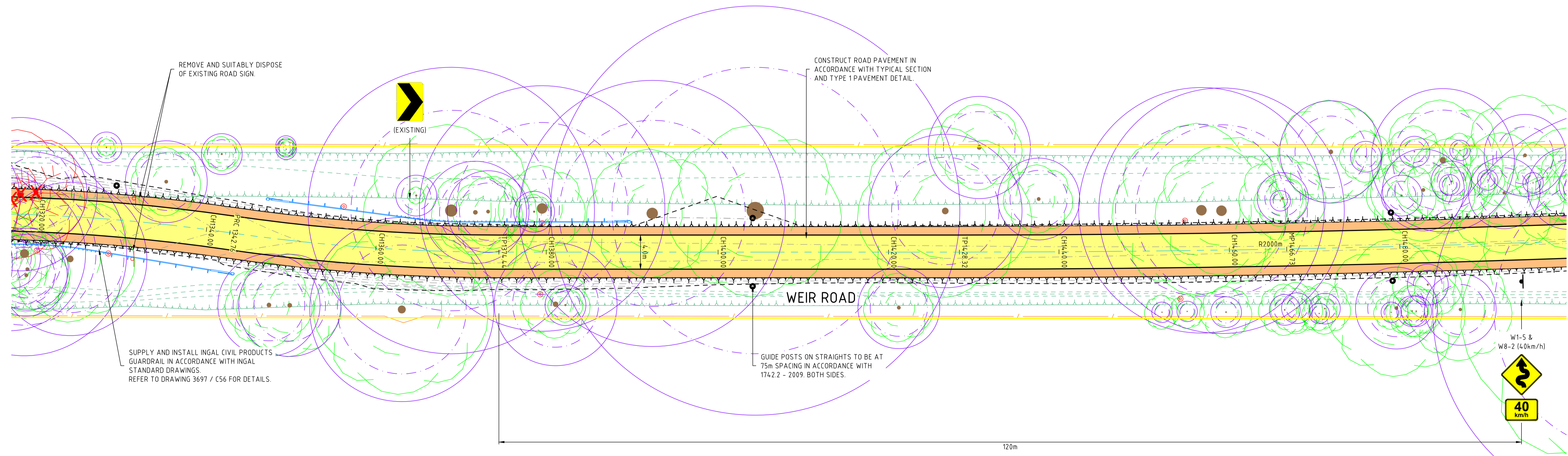
SEE CONTINUATION
DWG No. 3697 / C19

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

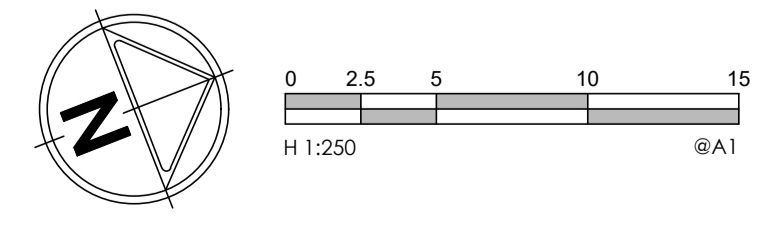
SEE CONTINUATION
BELOW



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie shire

Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

cafc CONSULTING

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

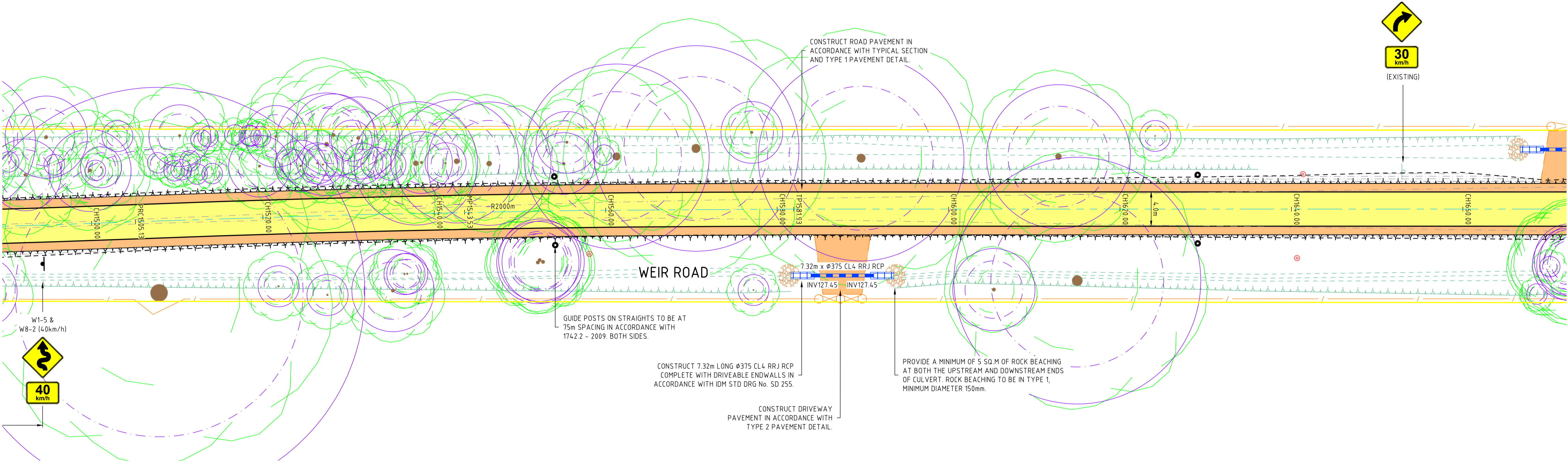
| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | |
| Property: | |
| Title: | PROPOSED WORKS |

| | | | |
|-------------|----------------------------|-----------|----------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C15 DESIGN DWG | Scale: | SCALE AS SHOWN |
| Drawing No: | 3697 / C20 | Sht: | 20 of 56 |
| Issue: | | Size: | A1 |

20/02/2023 12:04:05 PM 3697 C15 DESIGN DWG

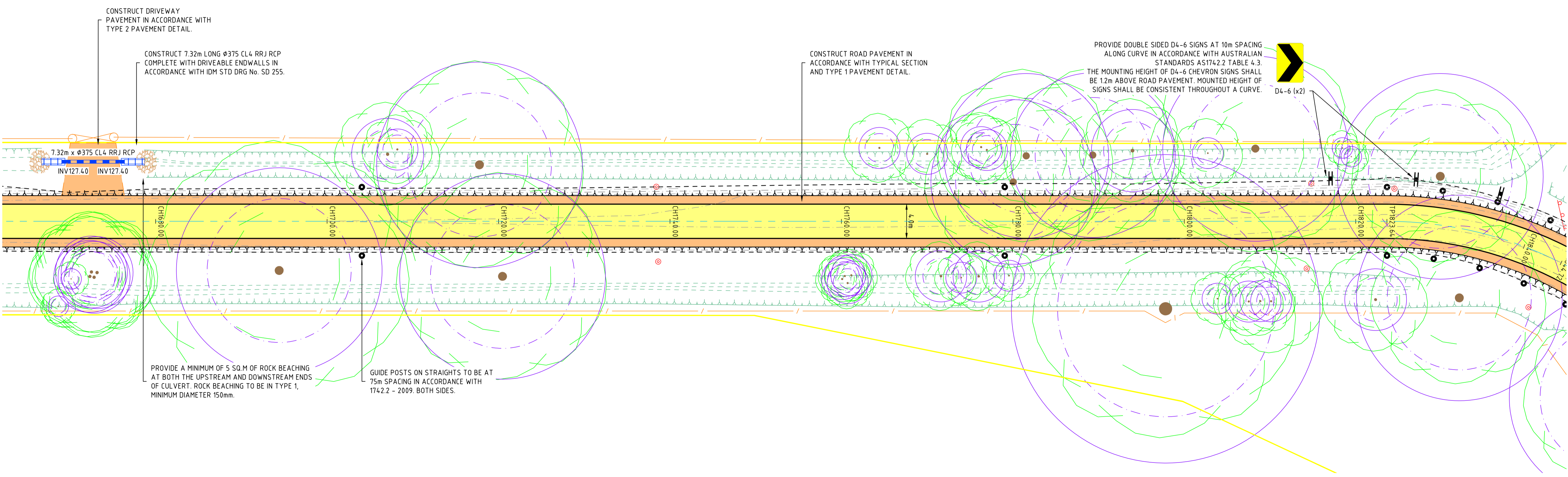
SEE CONTINUATION
DWG No. 3697 / C20

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

SEE CONTINUATION
BELOW



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:

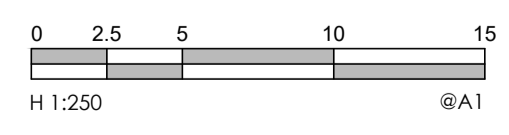
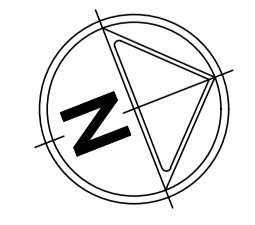
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830

LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55

LENGTHS ARE SHOWN IN METRES

CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie shire

Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

cafc CONSULTING

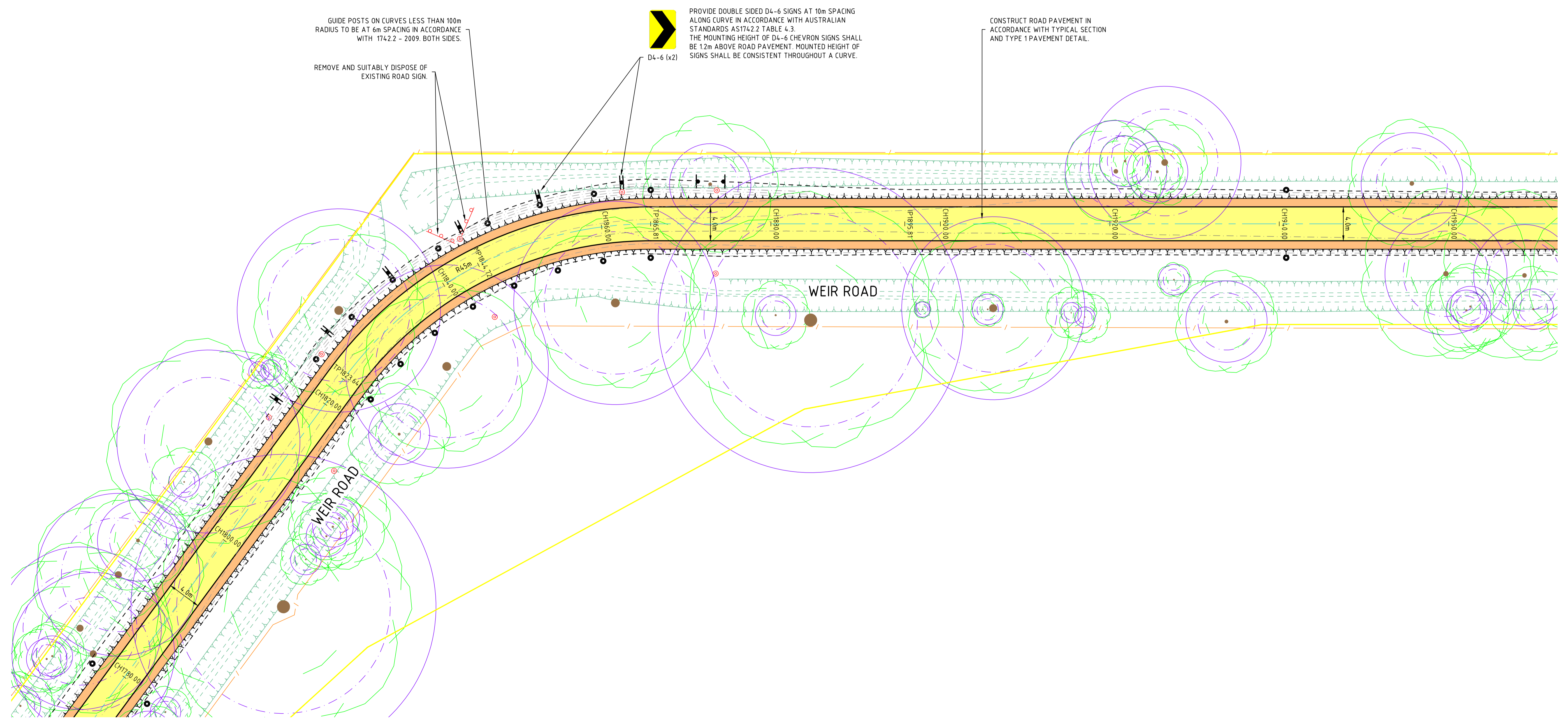
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | |
| Property: | |
| Title: | PROPOSED WORKS |

| | | | |
|-----------|----------------------------|-----------|----------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C15 DESIGN DWG | Scale: | SCALE AS SHOWN |
| Sheet: | 3697 / C21 | Shr: | 21 of 56 |
| Issue: | | Size: | A1 |

20/02/2023 11:58:19 AM 3697 C15 DESIGN DWG

SEE CONTINUATION
DWG No. 3697 / C23



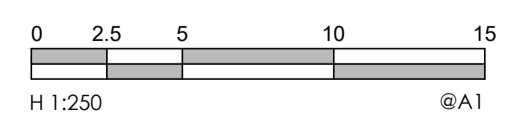
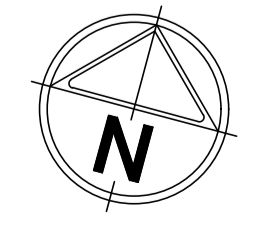
SEE CONTINUATION
DWG No. 3697 / C21

20/02/2023 11:58:16 AM 3697_C23 DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

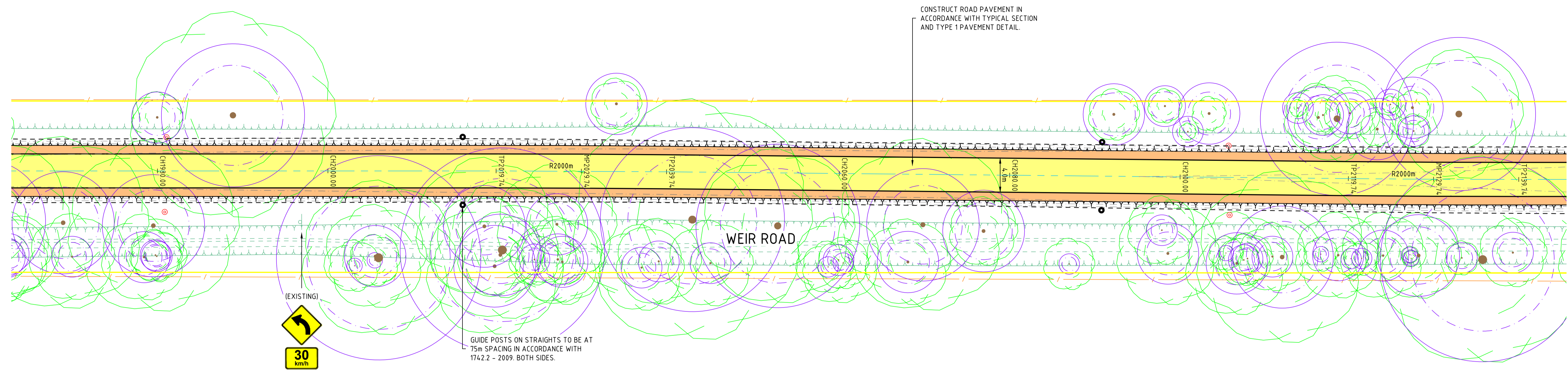
CAF CONSULTING
abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | |
|---------------|---|--|
| Client: | STRATHBOGIE SHIRE | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | |
| Location: | - | |
| Property: | - | |
| Title: | PROPOSED WORKS | |

| | | | |
|-------------|---------------------------|-----------|---------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C15 DESIGN.DWG | Scale: | SCALE AS SHOWN |
| Drawing No: | 3697 / C22 | Sht: | 22 of 56 |
| Issue: | - | Size: | A1 |

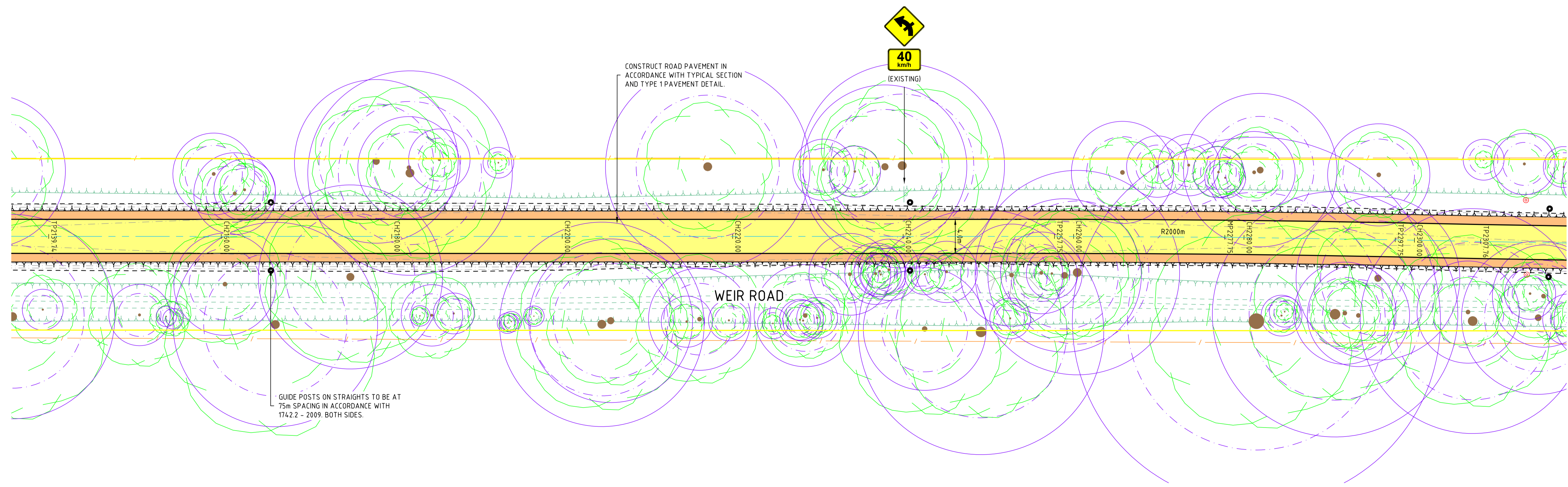
SEE CONTINUATION
DWG No. 3697 / C22

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE

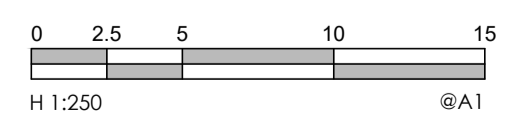
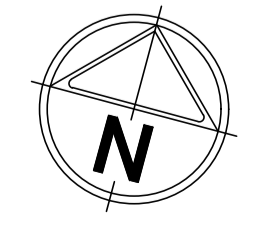
SEE CONTINUATION
BELOW



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



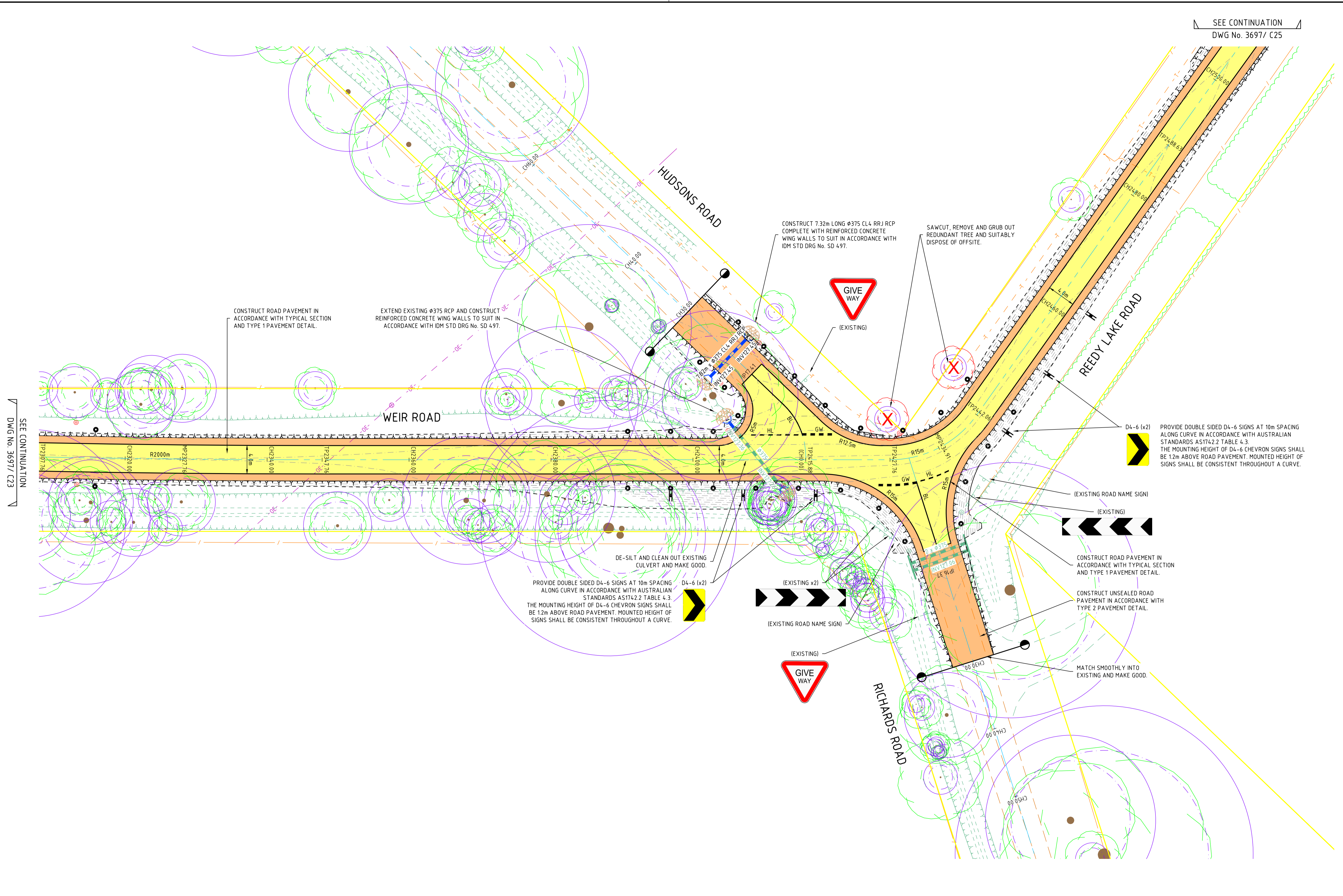
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

CAF CONSULTING
a: 38 Wyndham Street, Shepparton
p: P.O., Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | - |
| Property: | - |
| Title: | PROPOSED WORKS |

| | | | |
|-----------|---------------------------|-----------|---------------------------|
| Surveyed: | C DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cal File: | 3697 C15 DESIGN DWG | Scale: | SCALE AS SHOWN |
| Sheet: | 3697 / C23 | Shr: | 23 of 56 |
| Issue: | G | Size: | A1 |

20/02/2023 12:04:04 PM 3697_C15_DESIGN.DWG



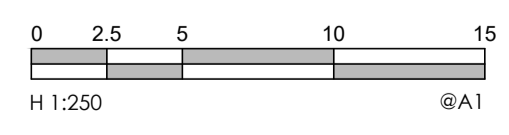
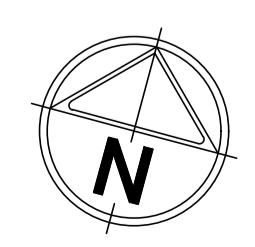
SEE CONTINUATION
DWG No. 3697/ C23

20/02/2023 12:03:20 PM 3697_C25 DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

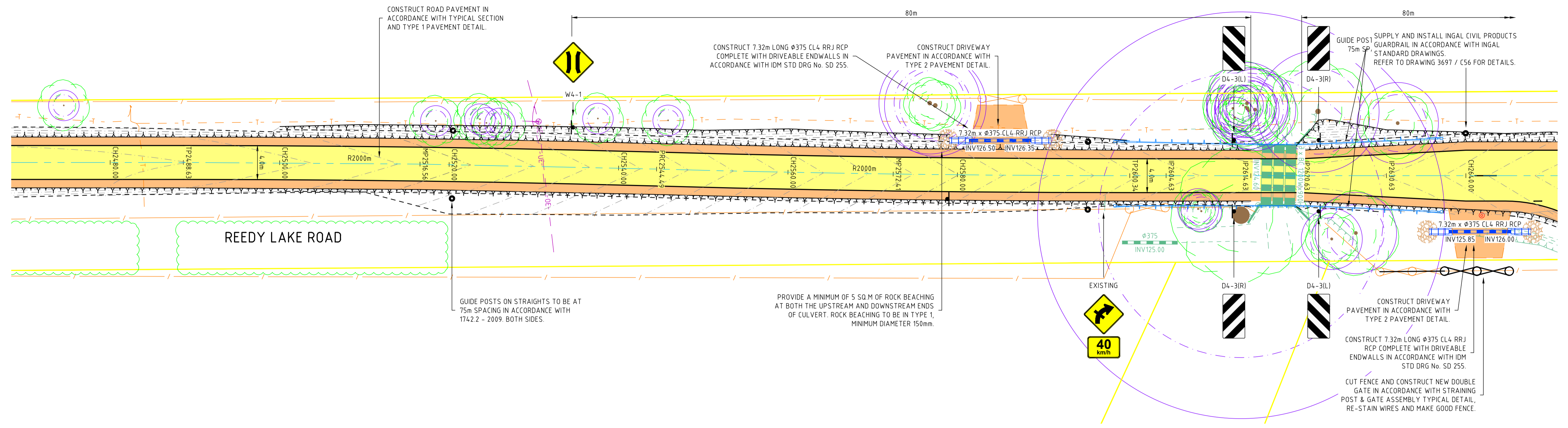
CAF CONSULTING
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | |
|---------------|---|
| Client: | STRATHBOGIE SHIRE |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE |
| Location: | |
| Property: | |
| Title: | PROPOSED WORKS |

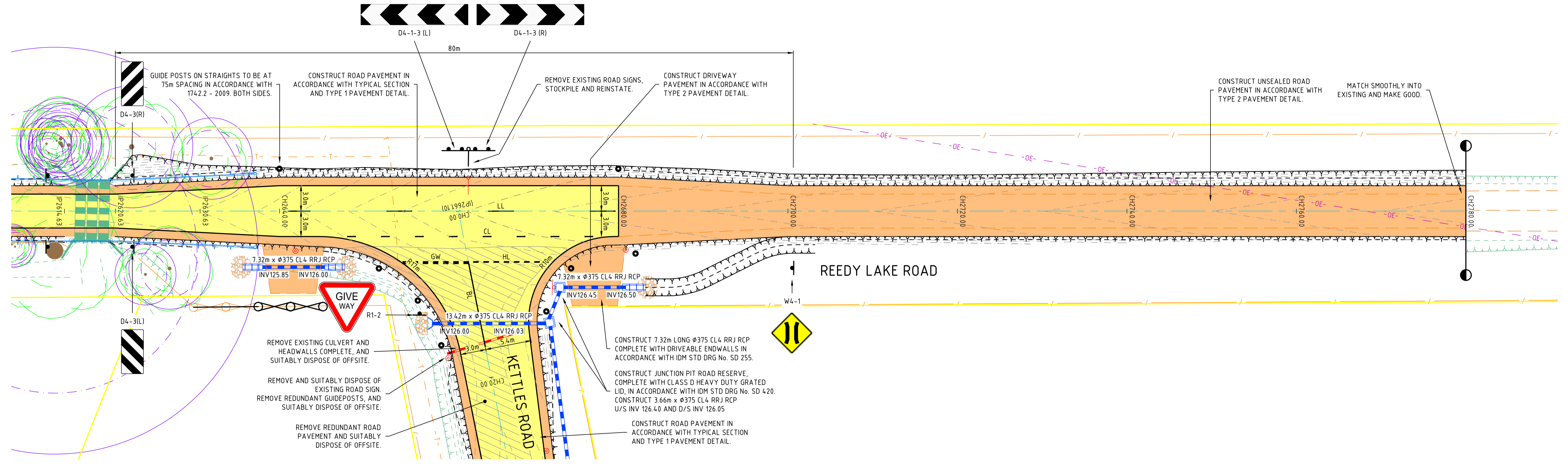
| | | | |
|-----------|----------------------------|-----------|----------------------------|
| Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697 C15 DESIGN.DWG | Size: | A1 |
| Scale: | SCALE AS SHOWN | Sheet: | 24 of 56 |
| Issue: | | Issue: | G |

SEE CONTINUATION
DWG No. 3697 / C24

SEE CONTINUATION
BELOW



SEE CONTINUATION
ABOVE



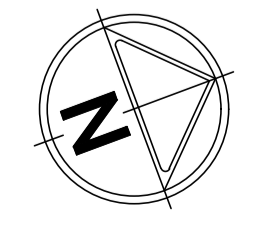
SEE CONTINUATION
DWG No. 3697 / C26

20/02/2023 12:03:21 PM 3697_CIS_DESIGN.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| A | ISSUED FOR INFORMATION | 19/11/2021 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D. GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie shire

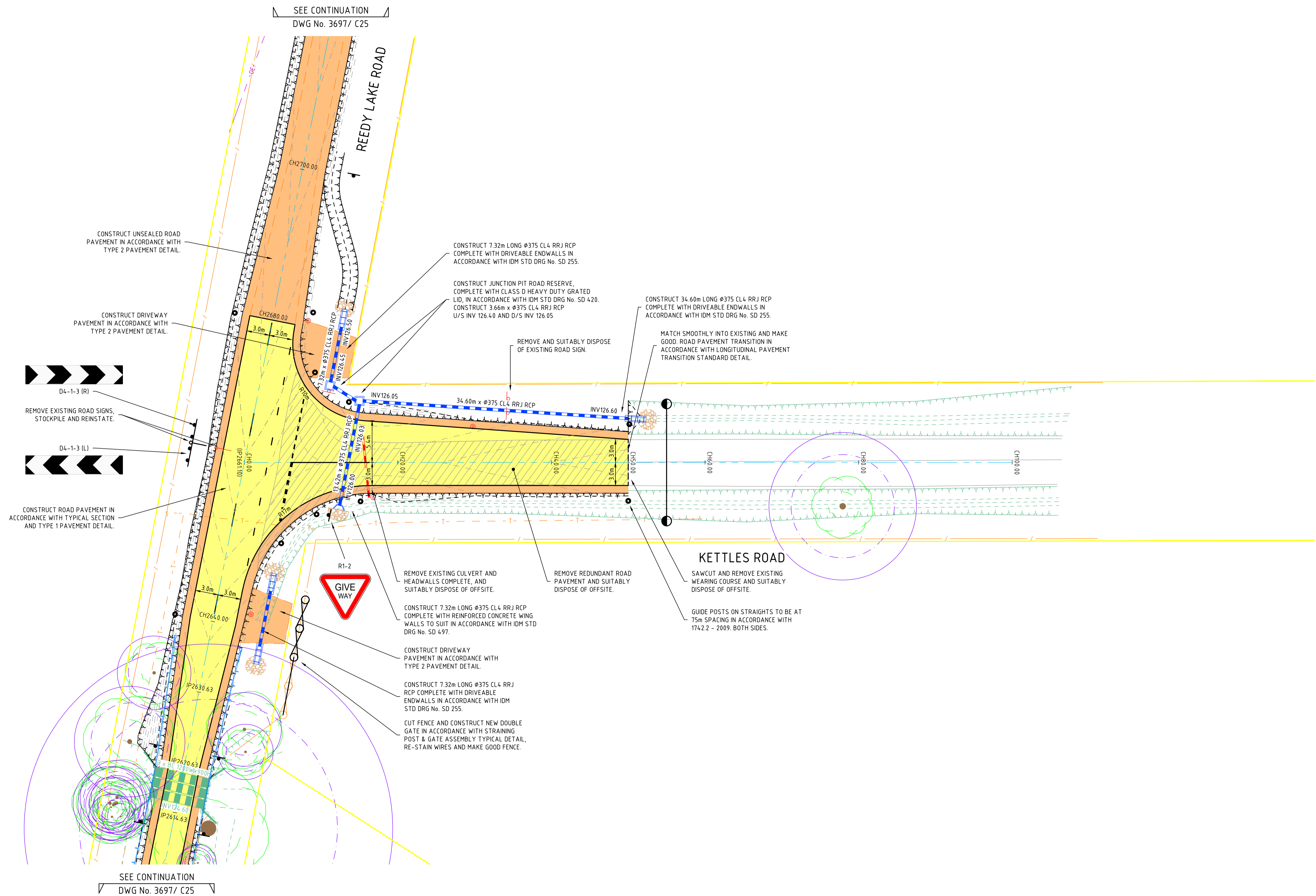
Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

cafc CONSULTING

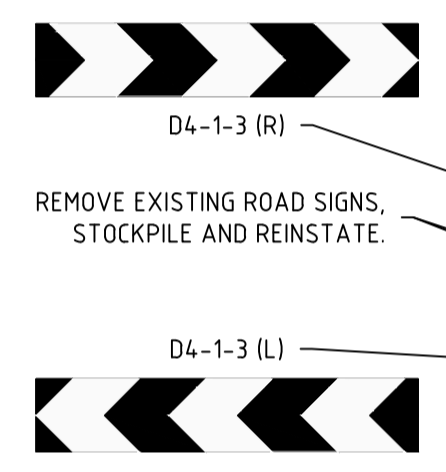
abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O., Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafcconsulting.com.au
 w: cafcconsulting.com.au

| | | | | | |
|---------------|---|-------------|---------------------------|-----------|---------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697_CIS_DESIGN.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | 3697 / C25 | Shit: | 25 of 56 |
| Title: | PROPOSED WORKS | Issue: | | | G |

SEE CONTINUATION
DWG No. 3697/ C25



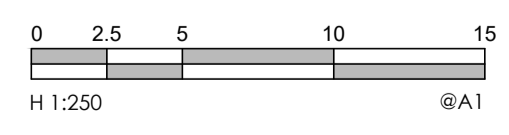
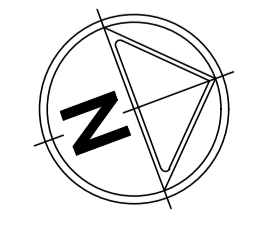
SEE CONTINUATION
DWG No. 3697/ C25



| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafcconsulting.com.au
w: cafcconsulting.com.au

| | | | | | | |
|---------------|---|--|-------------|---------------------------|-----------|---------------------------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | | Cad File: | 3697 C15 DESIGN DWG | Size: | A1 |
| Property: | | | Scale: | SCALE AS SHOWN | Sheet: | 26 of 56 |
| Title: | PROPOSED WORKS | | Drawing No: | 3697 / C26 | Issue: | G |

20/02/2023 12:01:05 PM 3697_C15 DESIGN DWG

PAVEMENT - TYPE 1

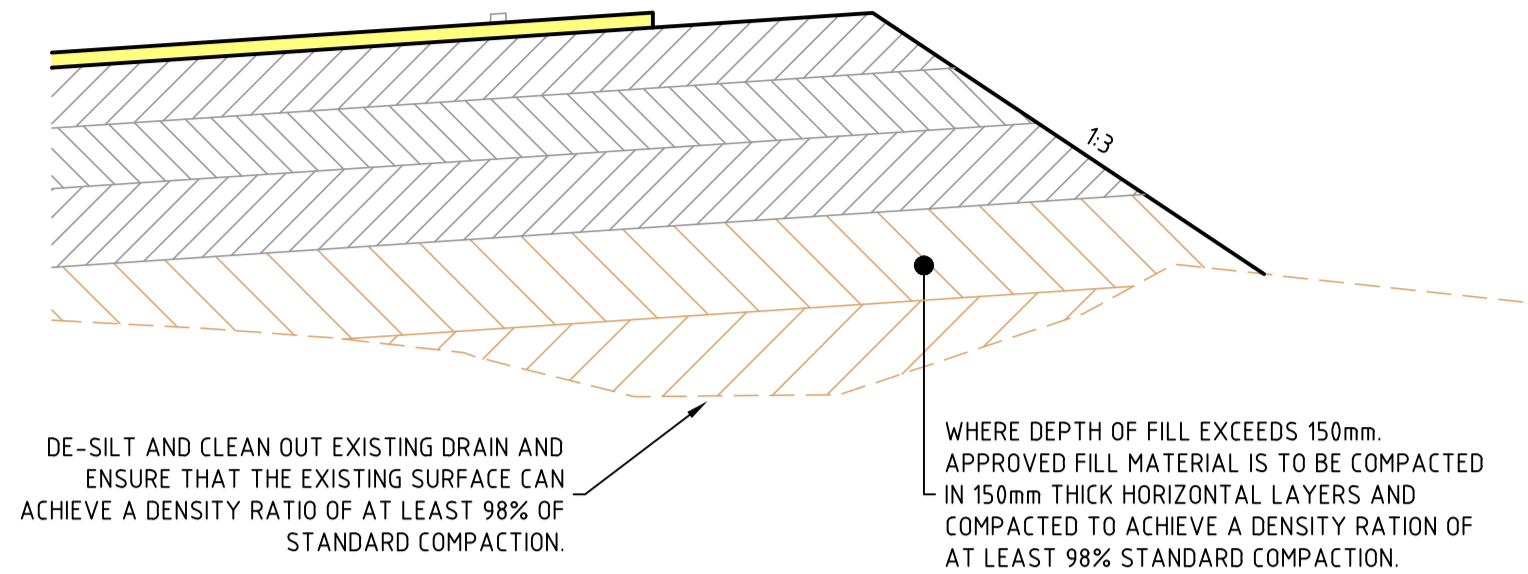
| | | | |
|-------|--------------------------|-------|---|
| | WEARING COURSE | | PRIME AND 2 COAT SEAL SIZE 7mm BITUMINOUS SURFACING SIZE 10mm BITUMINOUS SURFACING |
| 100mm | BASE COURSE | 100mm | 100mm COMPACTED THICKNESS OF SIZE 20mm CLASS 1 FINE CRUSHED ROCK COMPACTED TO 98% MODIFIED COMPACTION |
| 100mm | UPPER SUB-BASE COURSE | 100mm | 100mm COMPACTED THICKNESS OF SIZE 20mm CLASS 3 FINE CRUSHED ROCK COMPACTED TO 97% MODIFIED COMPACTION |
| 130mm | LOWER SUB-BASE COURSE | 130mm | 130mm COMPACTED THICKNESS OF SIZE 20mm CLASS 4 FINE CRUSHED ROCK, COMPACTED TO 97% MODIFIED COMPACTION OR RE-USE SUITABLE EXISTING ROAD PAVEMENT MATERIAL WHERE APPLICABLE, COMPACTED TO 98% STANDARD COMPACTION. |
| | SUBGRADE | | APPROVED MATERIAL COMPACTED TO A MINIMUM FIELD CBR OF 6% |

PAVEMENT - TYPE 2

| | | | |
|-------|--------------------------|-------|---|
| | BASE COURSE | | 100mm COMPACTED THICKNESS OF SIZE 20mm CLASS 1 FINE CRUSHED ROCK COMPACTED TO 98% MODIFIED COMPACTION |
| 100mm | UPPER SUB-BASE COURSE | 100mm | 100mm COMPACTED THICKNESS OF SIZE 20mm CLASS 3 FINE CRUSHED ROCK COMPACTED TO 97% MODIFIED COMPACTION |
| 130mm | LOWER SUB-BASE COURSE | 130mm | 130mm COMPACTED THICKNESS OF SIZE 20mm CLASS 4 FINE CRUSHED ROCK, COMPACTED TO 97% MODIFIED COMPACTION OR RE-USE SUITABLE EXISTING ROAD PAVEMENT MATERIAL WHERE APPLICABLE, COMPACTED TO 98% STANDARD COMPACTION. |
| | SUBGRADE | | APPROVED MATERIAL COMPACTED TO A MINIMUM FIELD CBR OF 6% |

NOTES:

- EXISTING SUB-GRADE MATERIAL SHOULD ACHIEVE A MINIMUM FIELD CBR OF AT LEAST 6% PRIOR TO PLACEMENT OF PAVEMENT LAYERS.
- UNSUITABLE MATERIAL SHALL BE STABILISED TO A MINIMUM DEPTH OF 150mm WITH LIME AT AN APPLICATION RATE OF 3% BY DRY MASS.
- STABILISED LAYERS SHOULD BE COMPACTED TO ACHIEVE A DENSITY RATIO OF AT LEAST 98% OF STANDARD COMPACTION.



FILL TYPICAL DETAIL

NOT TO SCALE

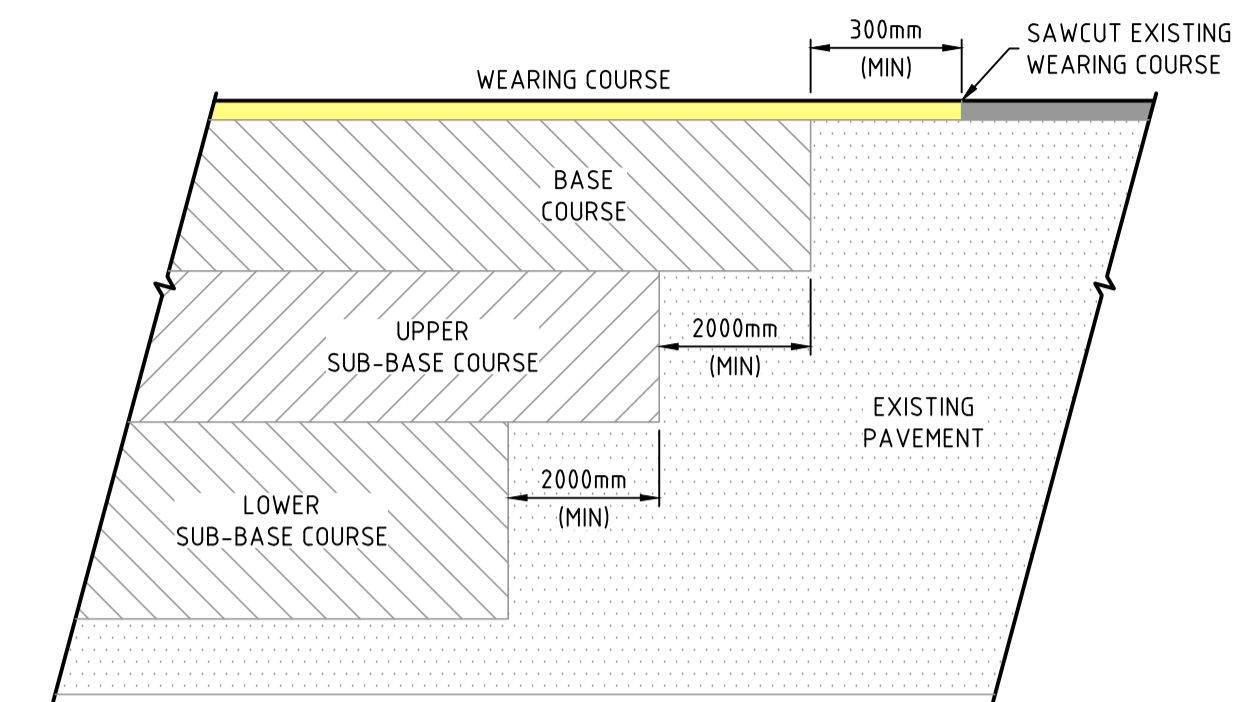
SIGNAGE SCHEDULE

| MARK | DESCRIPTION | SIZE | SIZE |
|------------|--------------------------|------|------------|
| D4-1-3 (L) | HAZARD MARKER | A | 1800 x 300 |
| D4-3 (L) | WIDTH MARKER (LEFT) | B | 450 x 900 |
| D4-3 (R) | WIDTH MARKER (RIGHT) | B | 450 x 900 |
| D4-6 | CHEVRON ALIGNMENT MARKER | A | 600 x 750 |
| R6-1 | NO OVERTAKING OR PASSING | A | 750 x 900 |
| R1-2 | GIVE WAY | A | 750 |
| W3-2 | GIVE WAY AHEAD | A | 600 x 600 |
| W4-1 | NARROW BRIDGE | A | 600 x 600 |
| W8-2 (4.0) | ADVISORY SPEED (40KM/H) | A | 600 x 400 |
| W8-16 | ONE LANE | A | 600 x 600 |

LINEMARKING SCHEDULE

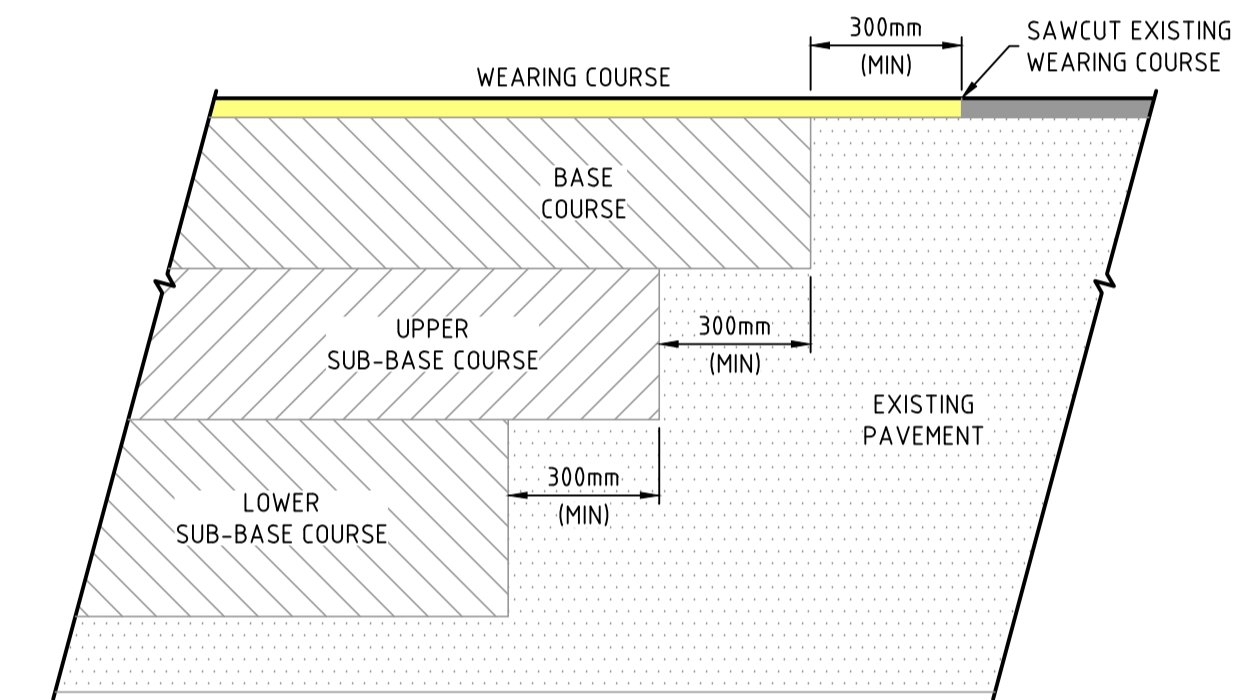
| MARK | DESCRIPTION | NOTES |
|------|-----------------|-----------------------------------|
| BL | BARRIER LINE | CONTINUOUS, 100mm WIDE |
| CL | CONTINUITY LINE | 1m LINE, 3m GAP, 100mm WIDE |
| GW | GIVEWAY | 600mm LINE, 600mm GAP, 300mm WIDE |
| HL | HOLDING LINE | 600mm LINE, 600mm GAP, 100mm WIDE |
| LL | LANE LINE | 3m LINE, 9m GAP, 100mm WIDE |

ALL LINEMARKING IN ACCORDANCE WITH AS 1742.



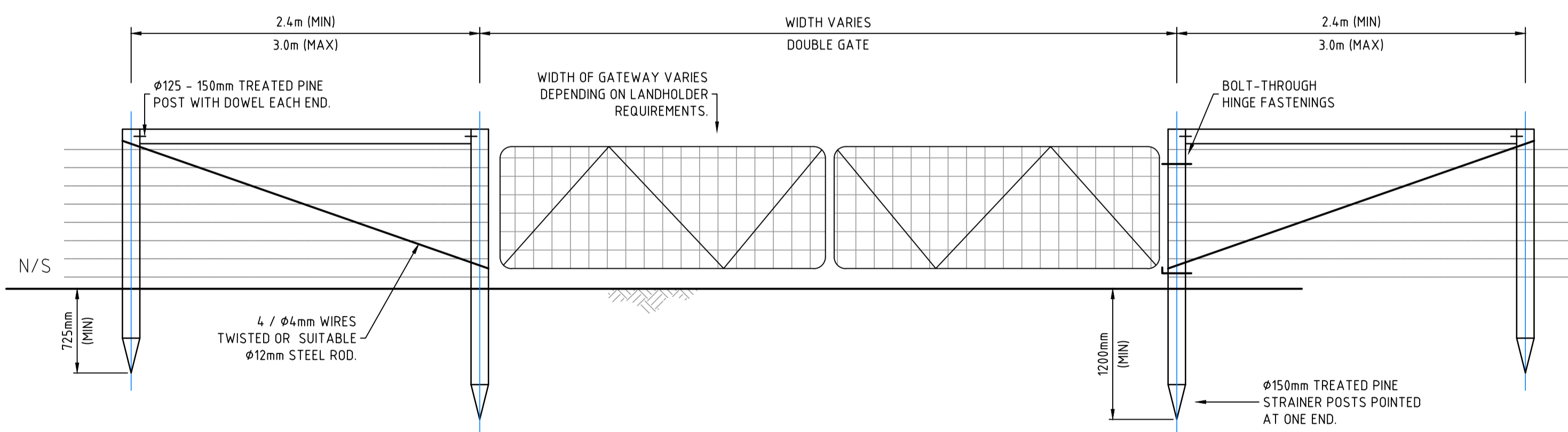
LONGITUDINAL PAVEMENT TRANSITION STANDARD DETAIL

NOT TO SCALE



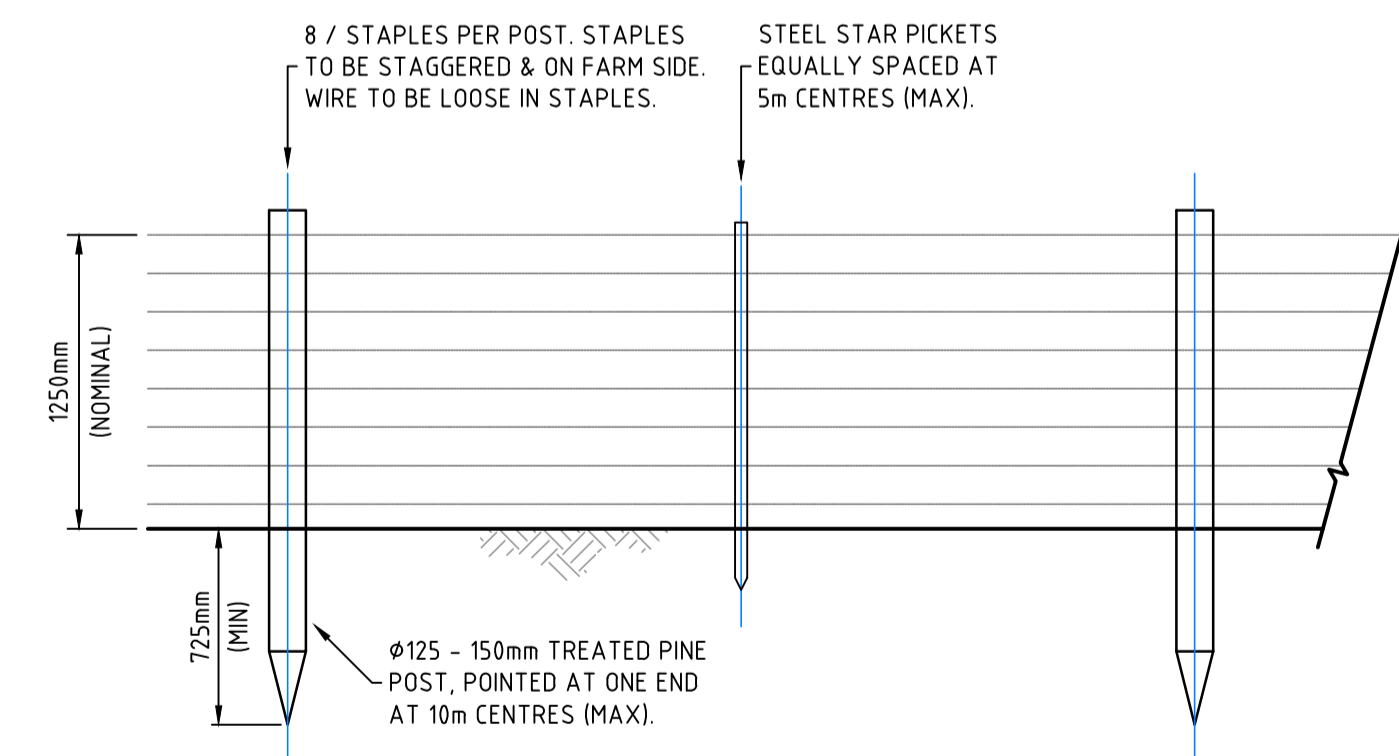
TRANSVERSE PAVEMENT TRANSITION STANDARD DETAIL

NOT TO SCALE



STRAINING POST & GATE ASSEMBLY TYPICAL DETAIL

NOT TO SCALE



FENCE TYPICAL DETAIL

NOT TO SCALE

20/02/2023 12:00:35 PM 3697_C27_DETAILS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN AHD, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

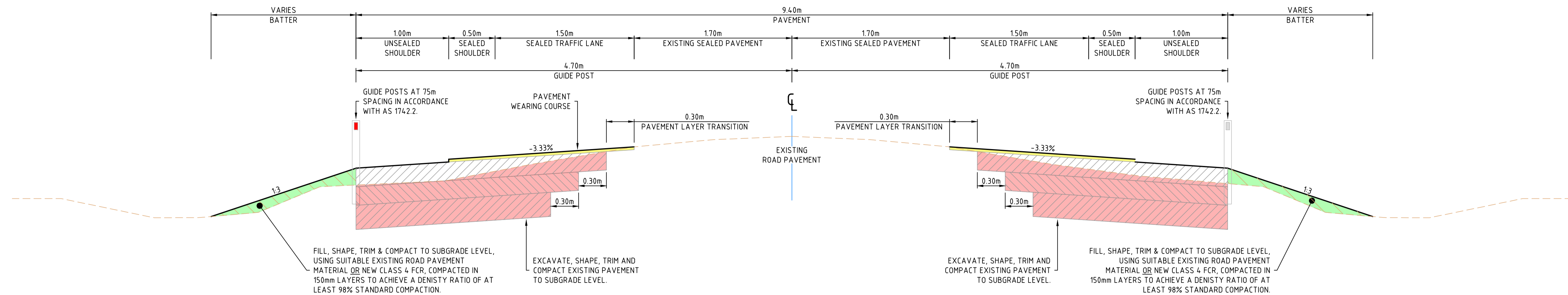
CONSTRUCTION

Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

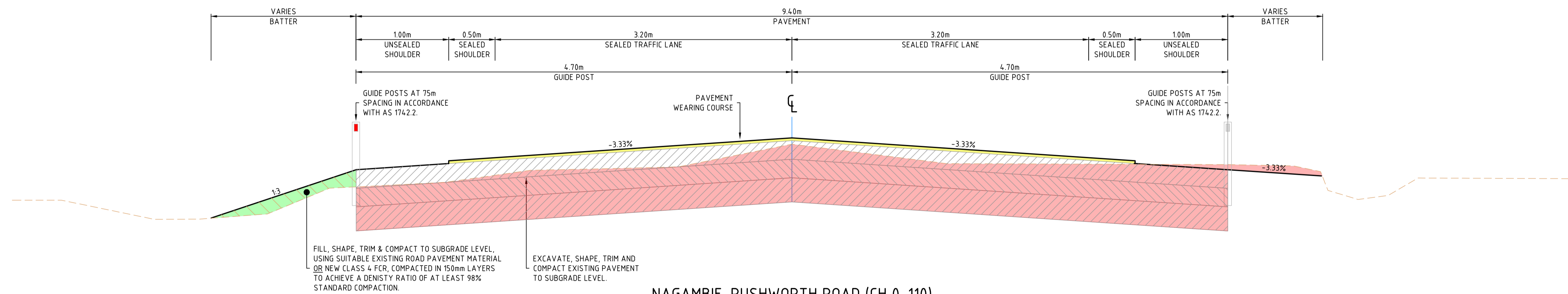
CAF
 CONSULTING

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

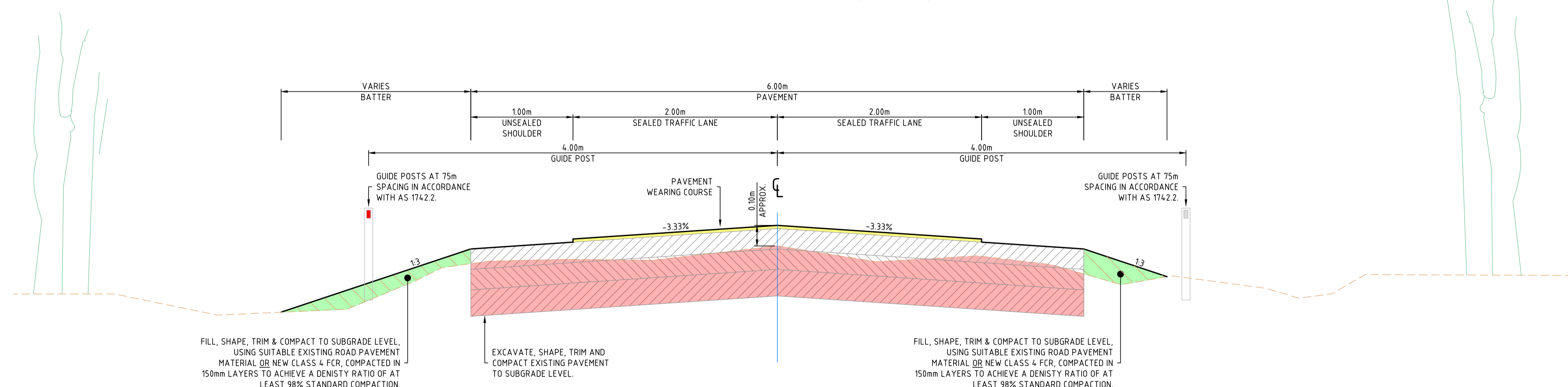
| | | | |
|---|--|--------------------------------------|-----------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Property: - | | Cad File: 3697_C27_DETAILS.DWG | |
| Title: TYPICAL DETAILS | | Scale: SCALE AS SHOWN | Size: A1 |
| Drawing No: 3697 / C27 | | Sht: 27 of 56 | Issue: G |



NAGAMBIE-RUSHWORTH ROAD (CH 110-167.75)



NAGAMBIE-RUSHWORTH ROAD (CH 0-110)



WEIR ROAD / REEDY LAKE ROAD

TYPICAL ROAD SECTION
NOT TO SCALE

20/02/2023 12:00:35 PM 3697_C27_DETAILS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

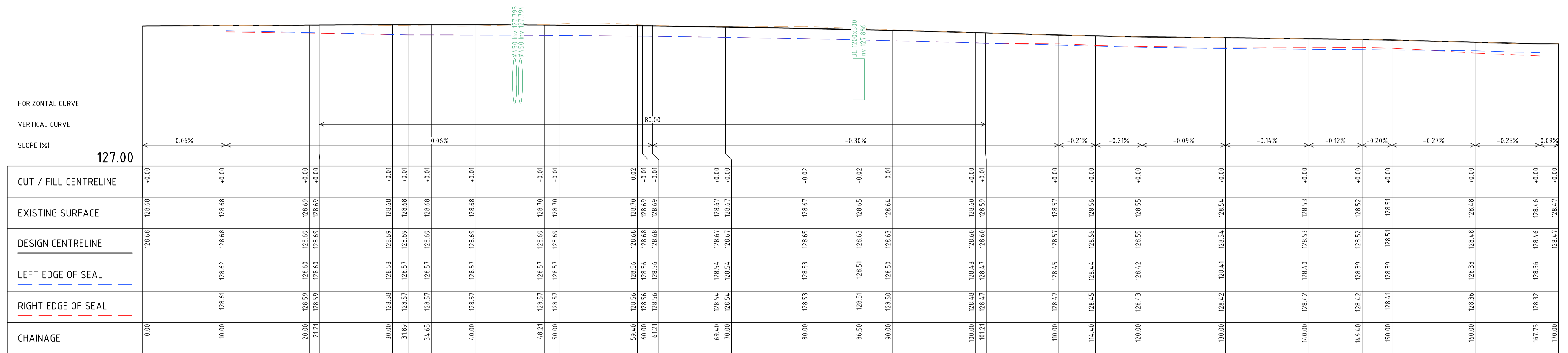


Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

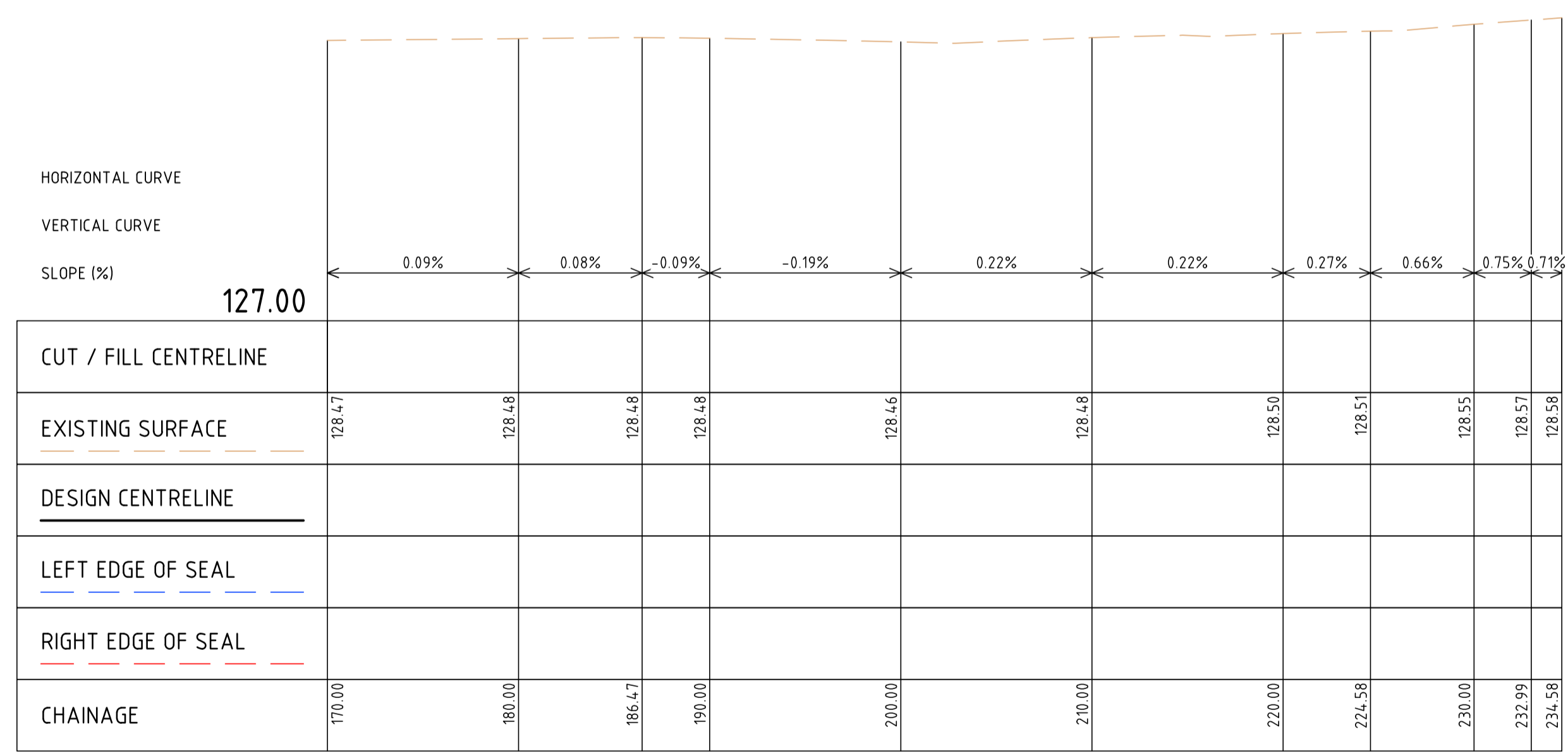


abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Cad File: | 3697_C27_DETAILS.DWG | | Scale: | SCALE AS SHOWN | | Size: | A1 |
| Property: | | | Drawing No: | 3697 / C28 | Sheet: | 28 of 56 | |
| Title: | TYPICAL SECTIONS | | | | | G | |



NAGAMBIE-RUSHWORTH ROAD



NAGAMBIE-RUSHWORTH ROAD (CONTINUED)

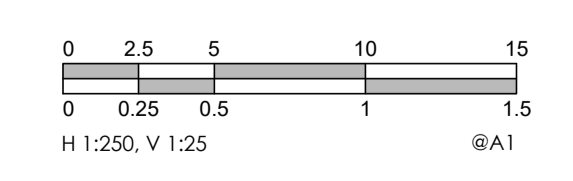
ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:00:57 PM 3697 C29 ROAD L.S.DWG

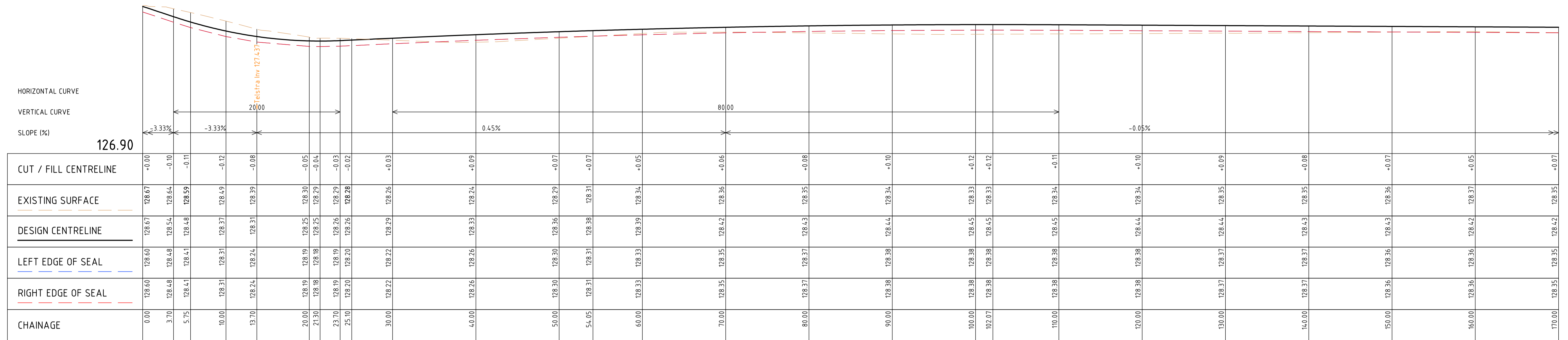
| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

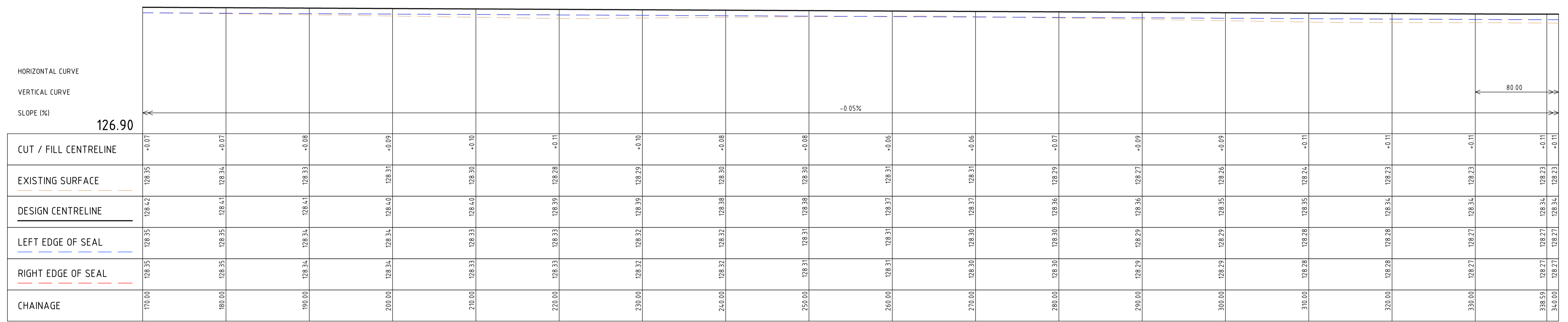
CONSTRUCTION



| | | | | | | | |
|---------------|---|--|-------------|---------------------------|-----------|---------------------------|----------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Sheet: | 29 of 56 |
| | | | Drawing No: | | Issue: | | G |



WEIR ROAD



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 2:58:43 PM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

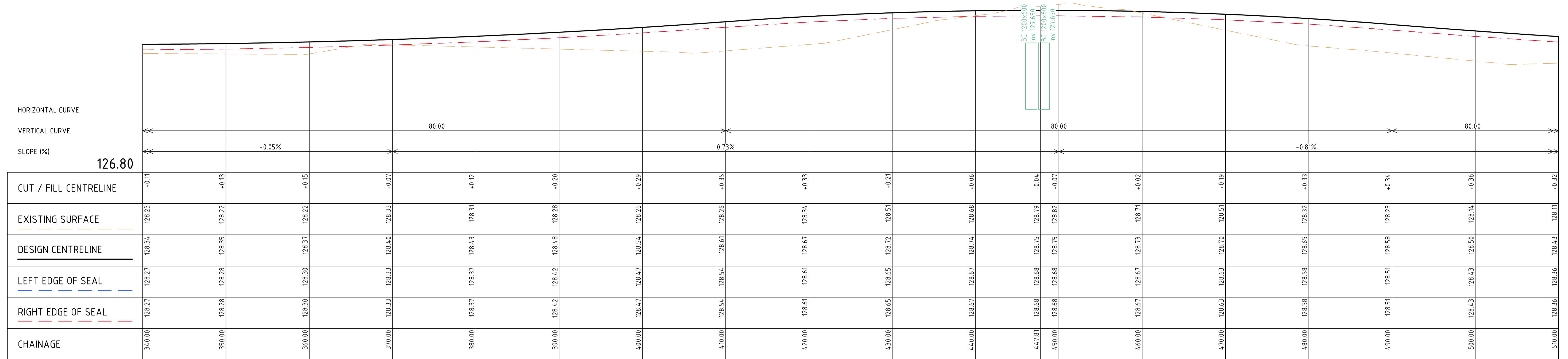
CONSTRUCTION

H 1:250, V 1:25 @A1

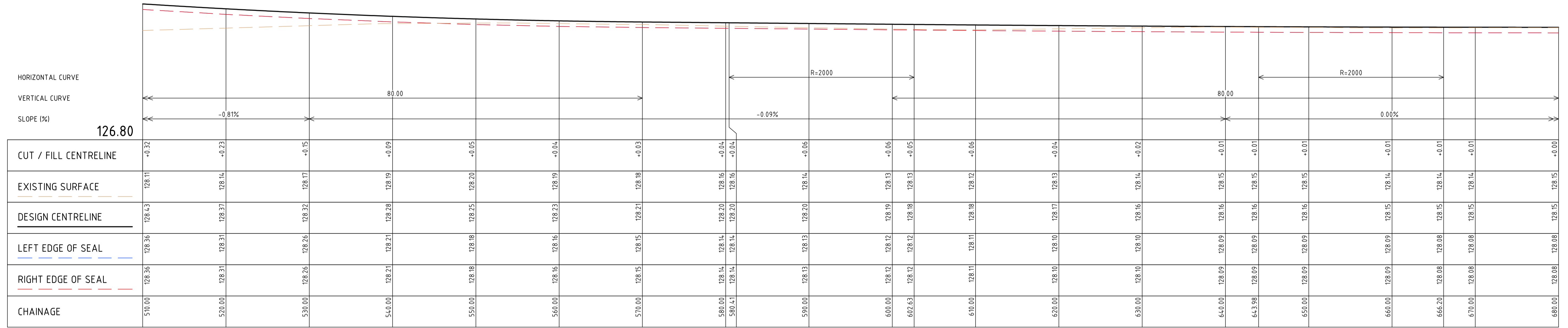
Shire of Strathbogrie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Issue: | G |
| | | | Drawing No: | 3697 / C30 | Sht: | 30 of 56 | |



WEIR ROAD (CONTINUED)



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:05:09 PM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

Shire of Strathbogies
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Issue: | G |
| | | | Drawing No: | 3697 / C31 | Sht: | 31 of 56 | |

| | 680.00 | 690.00 | 700.00 | 710.00 | 720.00 | 730.00 | 740.00 | 750.00 | 760.00 | 770.00 | 780.00 | 790.00 | 800.00 | 810.00 | 820.00 | 830.00 | 840.00 | 850.00 |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HORIZONTAL CURVE | | | | | | | | | | | | | | | | | | |
| VERTICAL CURVE | | | | | | | | | | | | | | | | | | |
| SLOPE (%) | 126.80 | | | | | | | | | | | | | | | | | |
| CUT / FILL CENTRELINE | +0.00 | +0.00 | +0.02 | +0.03 | +0.05 | +0.06 | +0.06 | +0.07 | +0.07 | +0.07 | +0.06 | +0.06 | +0.07 | +0.08 | +0.09 | +0.09 | +0.07 | +0.06 |
| EXISTING SURFACE | 128.15 | 128.15 | 128.13 | 128.12 | 128.10 | 128.09 | 128.09 | 128.08 | 128.08 | 128.08 | 128.09 | 128.09 | 128.08 | 128.07 | 128.06 | 128.06 | 128.08 | 128.09 |
| DESIGN CENTRELINE | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 |
| LEFT EDGE OF SEAL | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 |
| RIGHT EDGE OF SEAL | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 |
| CHAINAGE | 680.00 | 690.00 | 700.00 | 710.00 | 720.00 | 730.00 | 740.00 | 750.00 | 760.00 | 770.00 | 780.00 | 790.00 | 800.00 | 810.00 | 820.00 | 830.00 | 840.00 | 850.00 |

WEIR ROAD (CONTINUED)

| | 850.00 | 860.00 | 870.00 | 880.00 | 890.00 | 900.00 | 910.00 | 920.00 | 930.00 | 933.95 | 940.00 | 950.00 | 960.00 | 967.18 | 970.00 | 980.00 | 990.00 | 993.95 | 1000.00 | 1010.00 | 1020.00 | |
|-----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--|
| HORIZONTAL CURVE | | | | | | | | | | | | | | | | | | | | | | |
| VERTICAL CURVE | | | | | | | | | | | | | | | | | | | | | | |
| SLOPE (%) | 126.80 | | | | | | | | | | | | | | | | | | | | | |
| CUT / FILL CENTRELINE | +0.06 | +0.05 | +0.04 | +0.04 | +0.04 | +0.03 | +0.03 | +0.06 | +0.09 | +0.10 | +0.10 | +0.09 | +0.09 | +0.08 | +0.08 | +0.07 | +0.08 | +0.08 | +0.08 | +0.06 | +0.03 | |
| EXISTING SURFACE | 128.09 | 128.10 | 128.11 | 128.11 | 128.11 | 128.12 | 128.12 | 128.09 | 128.06 | 128.05 | 128.05 | 128.06 | 128.06 | 128.07 | 128.07 | 128.08 | 128.07 | 128.07 | 128.07 | 128.09 | 128.12 | |
| DESIGN CENTRELINE | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | 128.15 | |
| LEFT EDGE OF SEAL | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | |
| RIGHT EDGE OF SEAL | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | 128.08 | |
| CHAINAGE | 850.00 | 860.00 | 870.00 | 880.00 | 890.00 | 900.00 | 910.00 | 920.00 | 930.00 | 933.95 | 940.00 | 950.00 | 960.00 | 967.18 | 970.00 | 980.00 | 990.00 | 993.95 | 1000.00 | 1010.00 | 1020.00 | |

WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS

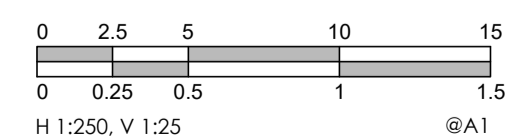
SCALE 1:250(H) AND 1:25(V)

20/02/2023 11:54:13 AM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

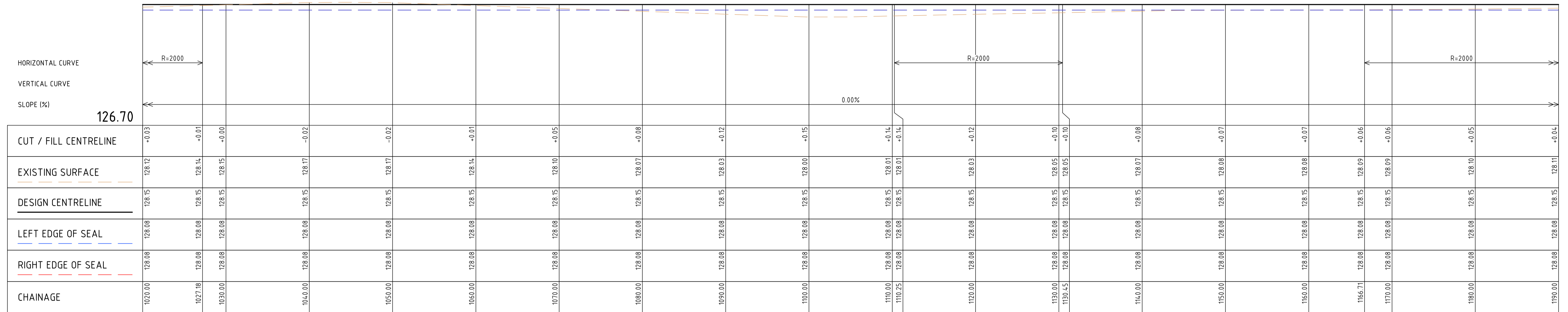


Shire of Strathbogrie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

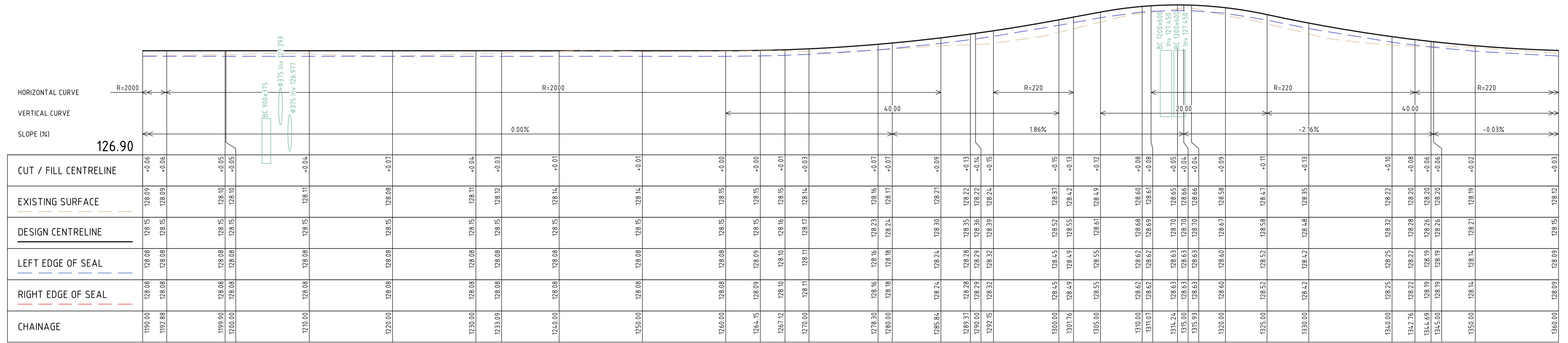
CAF CONSULTING

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Issue: | G |
| | | | Drawing No: | 3697 / C32 | Sht: | 32 of 56 | |



WEIR ROAD (CONTINUED)



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 11:54:13 AM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

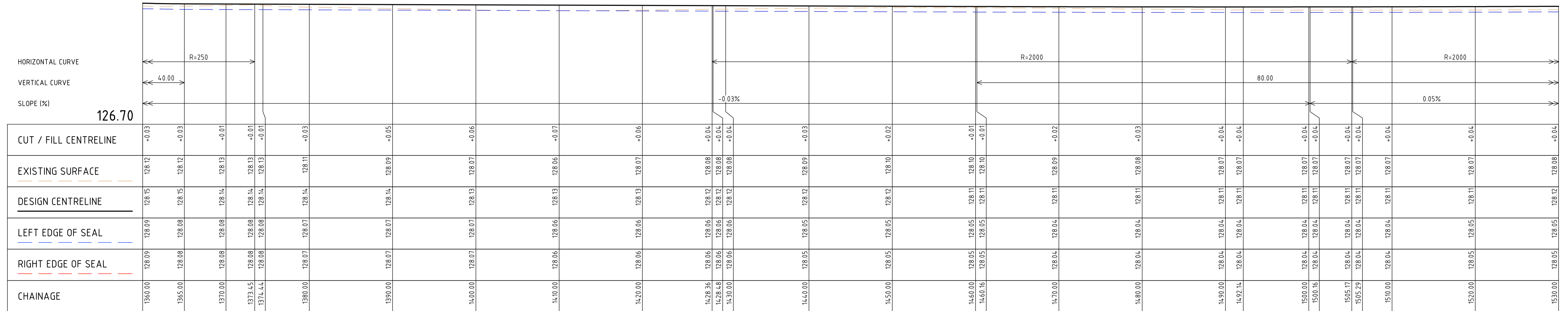
CONSTRUCTION

H 1:250, V 1:25 @A1

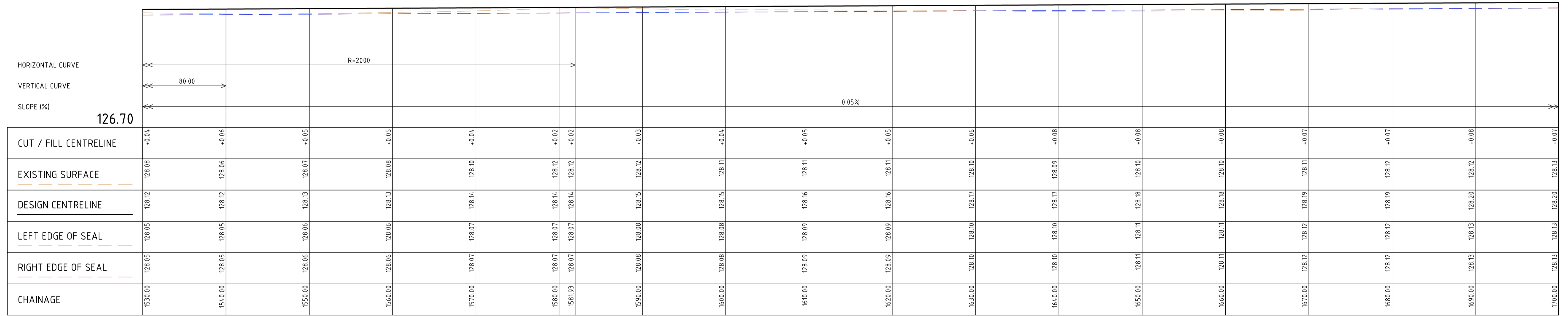
Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | - | Cad File: | 3697 C29 ROAD L.S.DWG | Scale: | SCALE AS SHOWN |
| Property: | - | Drawing No: | 3697 / C33 | Sht: | 33 of 56 |
| Title: | ROAD LONGITUDINAL SECTIONS | Issue: | - | Size: | A1 |



WEIR ROAD (CONTINUED)



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:01:14 PM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

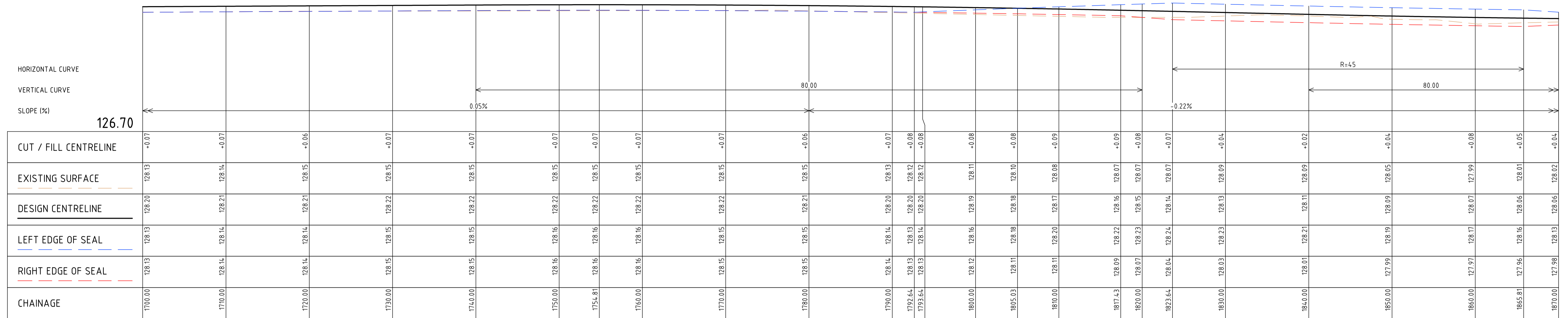
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

Shire of Strathbogrie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Issue: | G |
| | | | Drawing No: | 3697 / C34 | Sht: | 34 of 56 | |



WEIR ROAD (CONTINUED)



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS

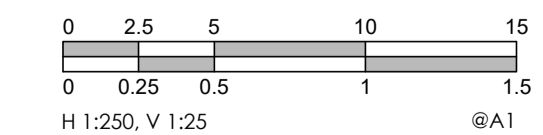
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:05:09 PM 3697_C29 ROAD LS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

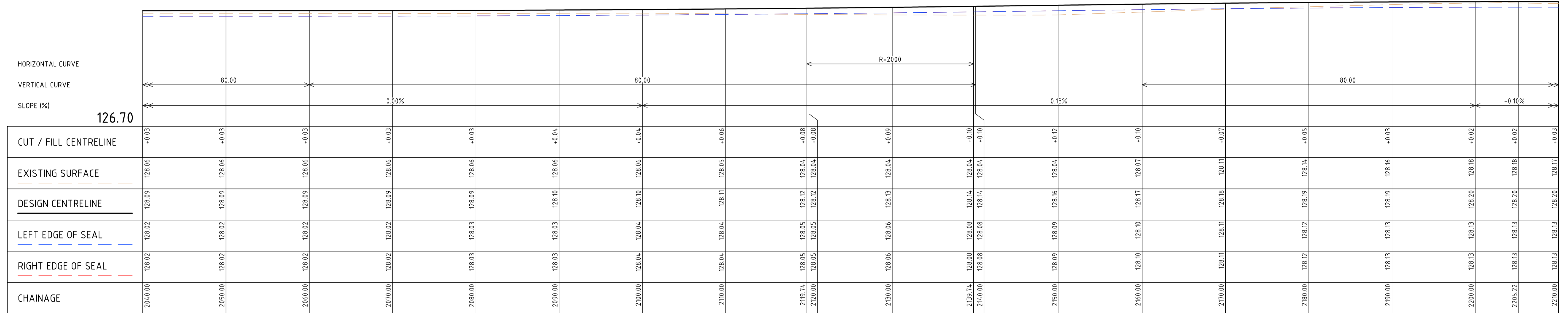
CONSTRUCTION



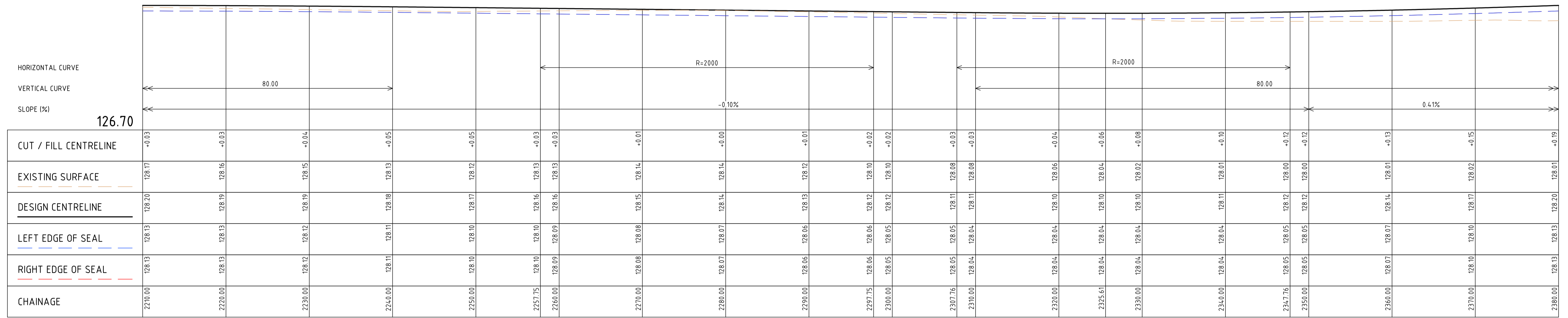
Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697_C29 ROAD LS.DWG | | Size: | A1 |
| Title: | ROAD LONGITUDINAL SECTIONS | | Scale: | SCALE AS SHOWN | | Issue: | G |
| | | | Drawing No: | 3697 / C35 | Sht: | 35 of 56 | |



WEIR ROAD (CONTINUED)



WEIR ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:02:07 PM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

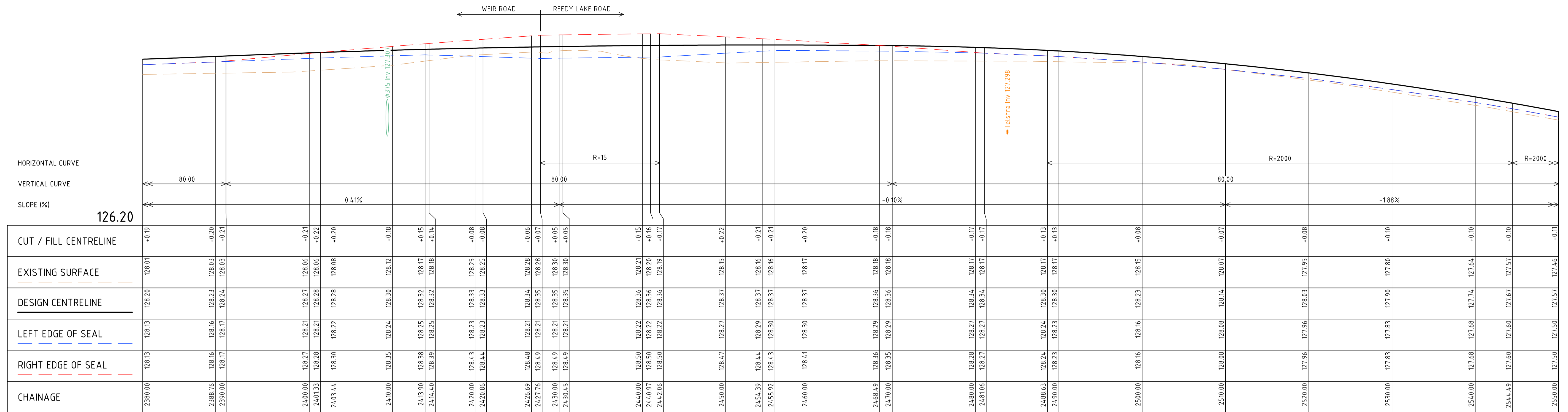
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

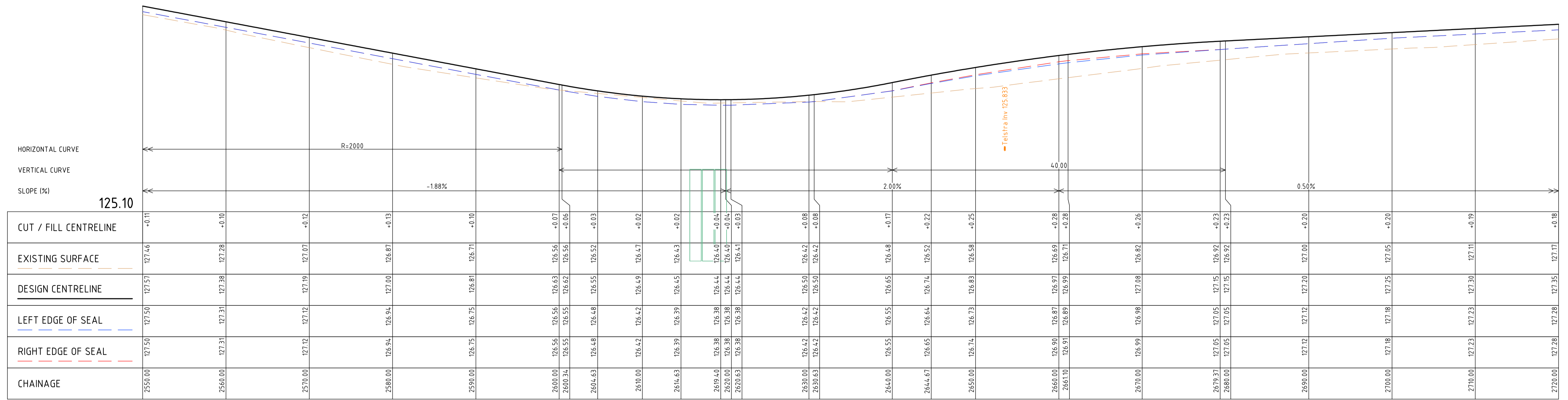
Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----------------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Property: | - | | Cad File: | 3697 C29 ROAD L.S.DWG | | Scale: | SCALE AS SHOWN |
| Title: | ROAD LONGITUDINAL SECTIONS | | Drawing No: | 3697 / C36 | Sht: | 36 of 56 | |
| | | | | | | Size: | A1 |
| | | | | | | | Issue: |



WEIR ROAD / REEDY LAKE ROAD (CONTINUED)



REEDY LAKE ROAD (CONTINUED)

ROAD LONGITUDINAL SECTIONS

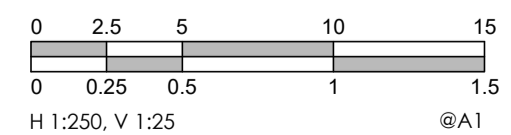
SCALE 1:250(H) AND 1:25(V)

20/02/2023 12:05:26 PM 3697 C29 ROAD L.S.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

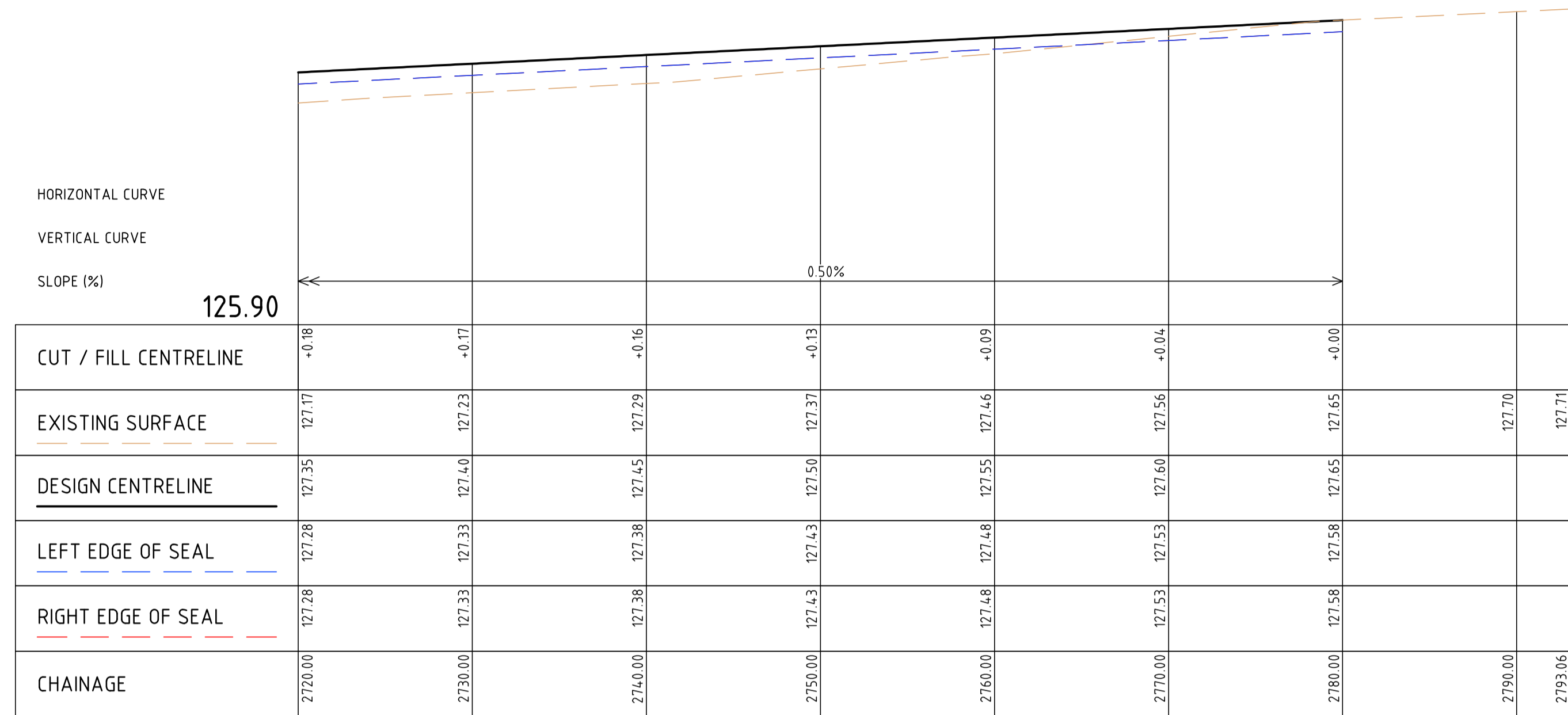


Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

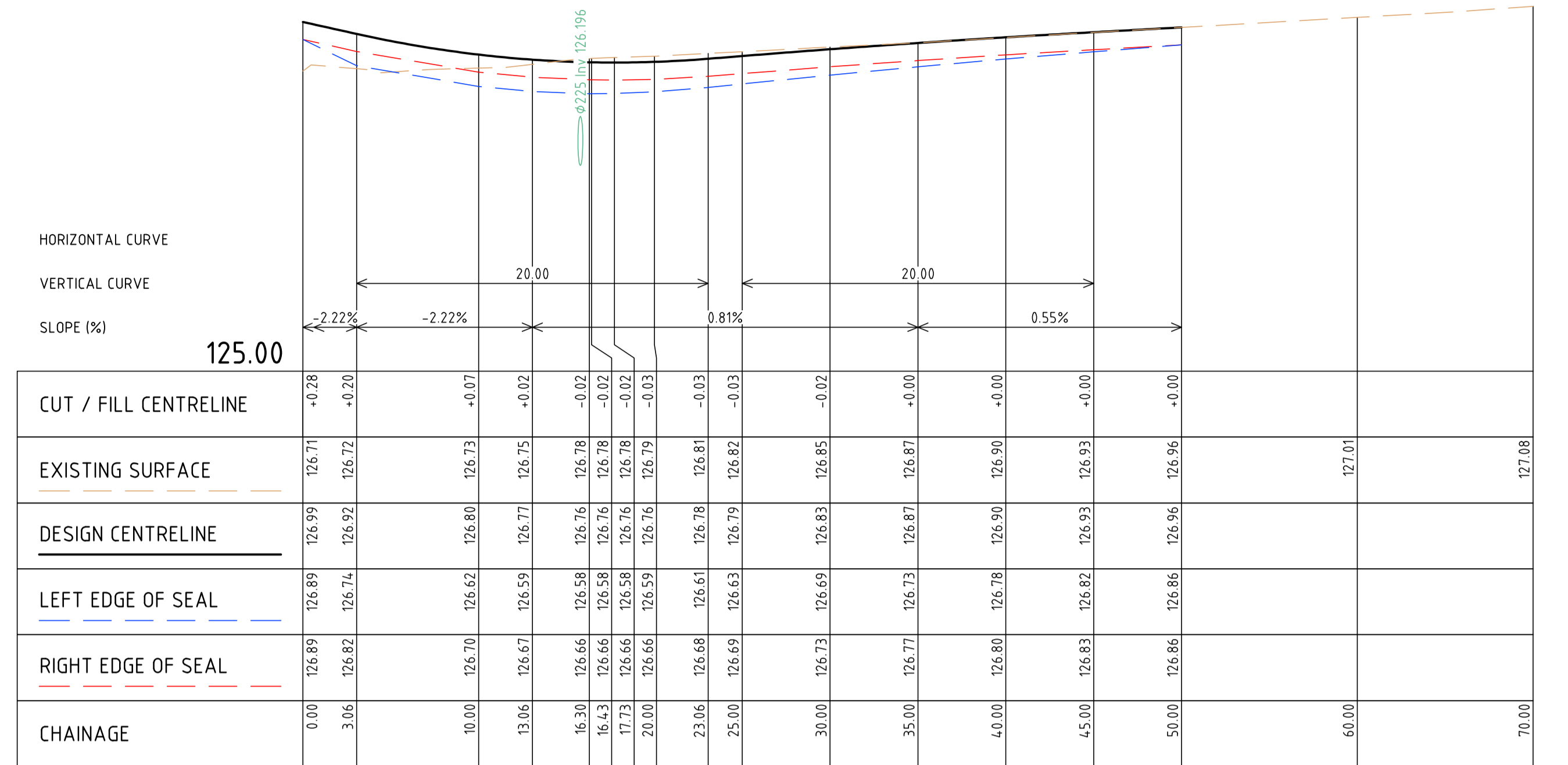


abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

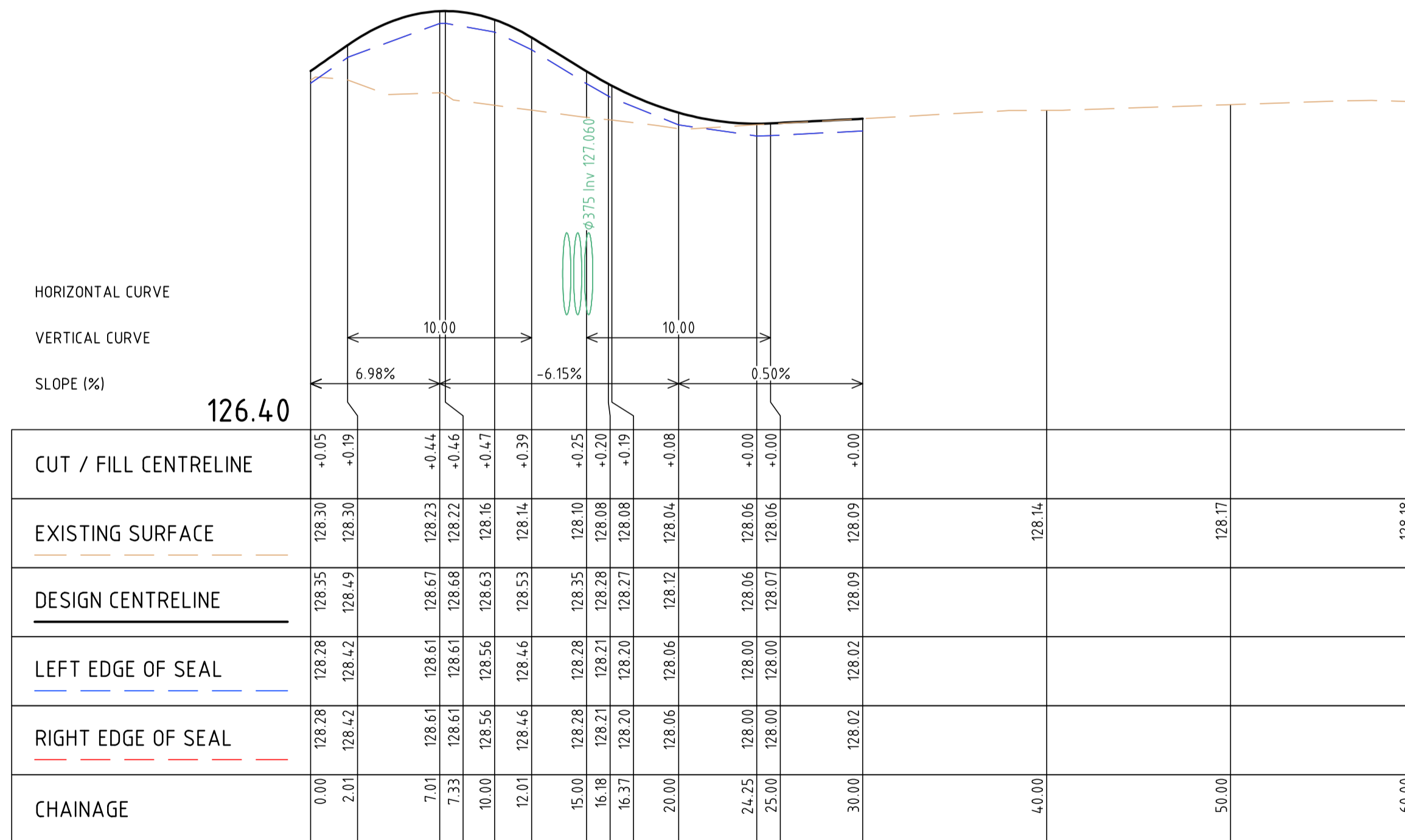
| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Location: | | | Cad File: | 3697 C29 ROAD L.S.DWG | | Size: | A1 |
| Property: | | | Scale: | SCALE AS SHOWN | | Issue: | G |
| Title: | ROAD LONGITUDINAL SECTIONS | | Drawing No: | 3697 / C37 | Sht: | 37 of 56 | |



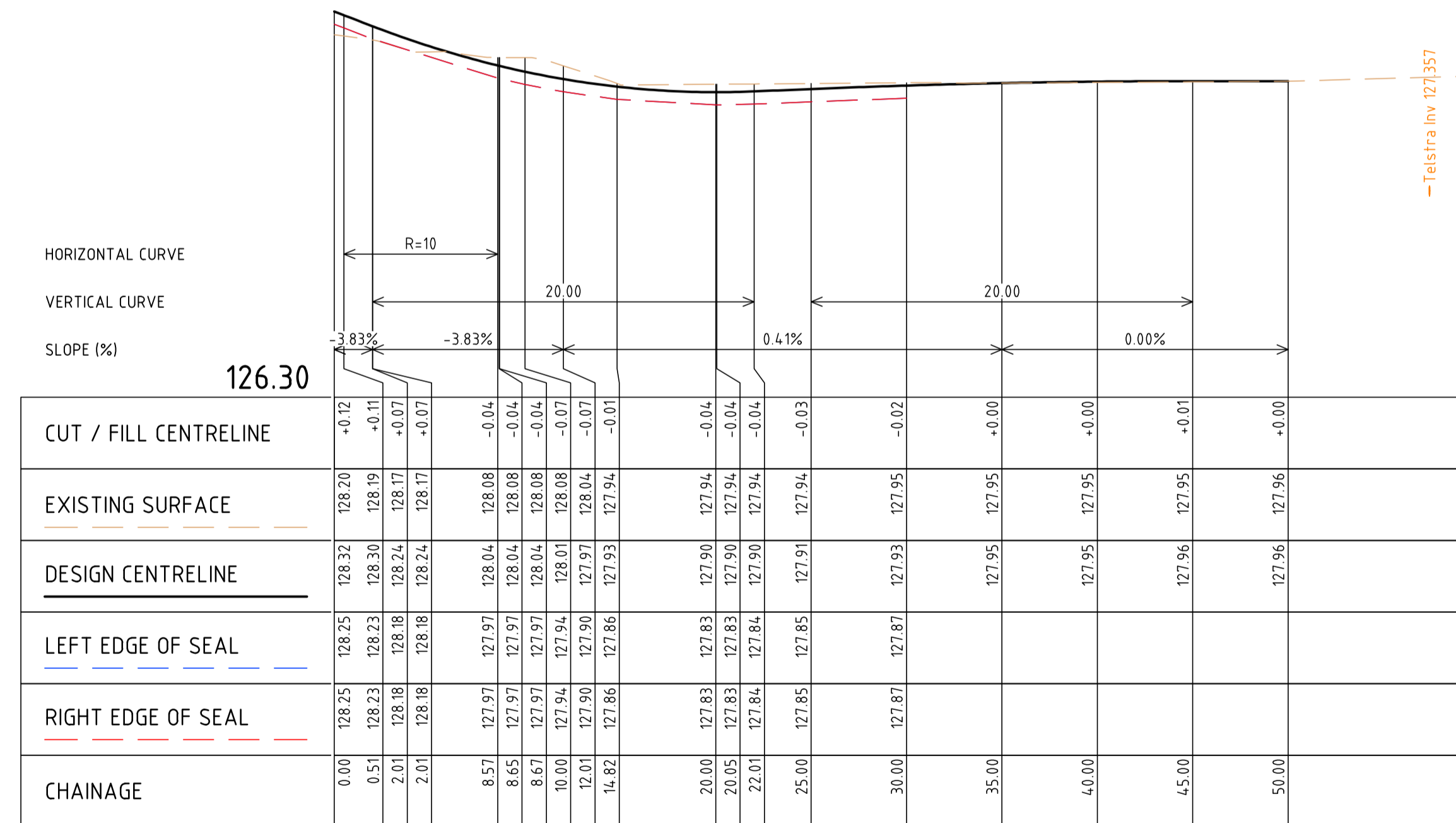
REEDY LAKE ROAD (CONTINUED)



KETTLES ROAD



RICHARDS ROAD



HUDSON ROAD

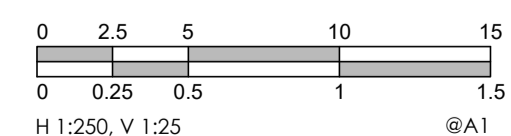
ROAD LONGITUDINAL SECTIONS

SCALE 1:250(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

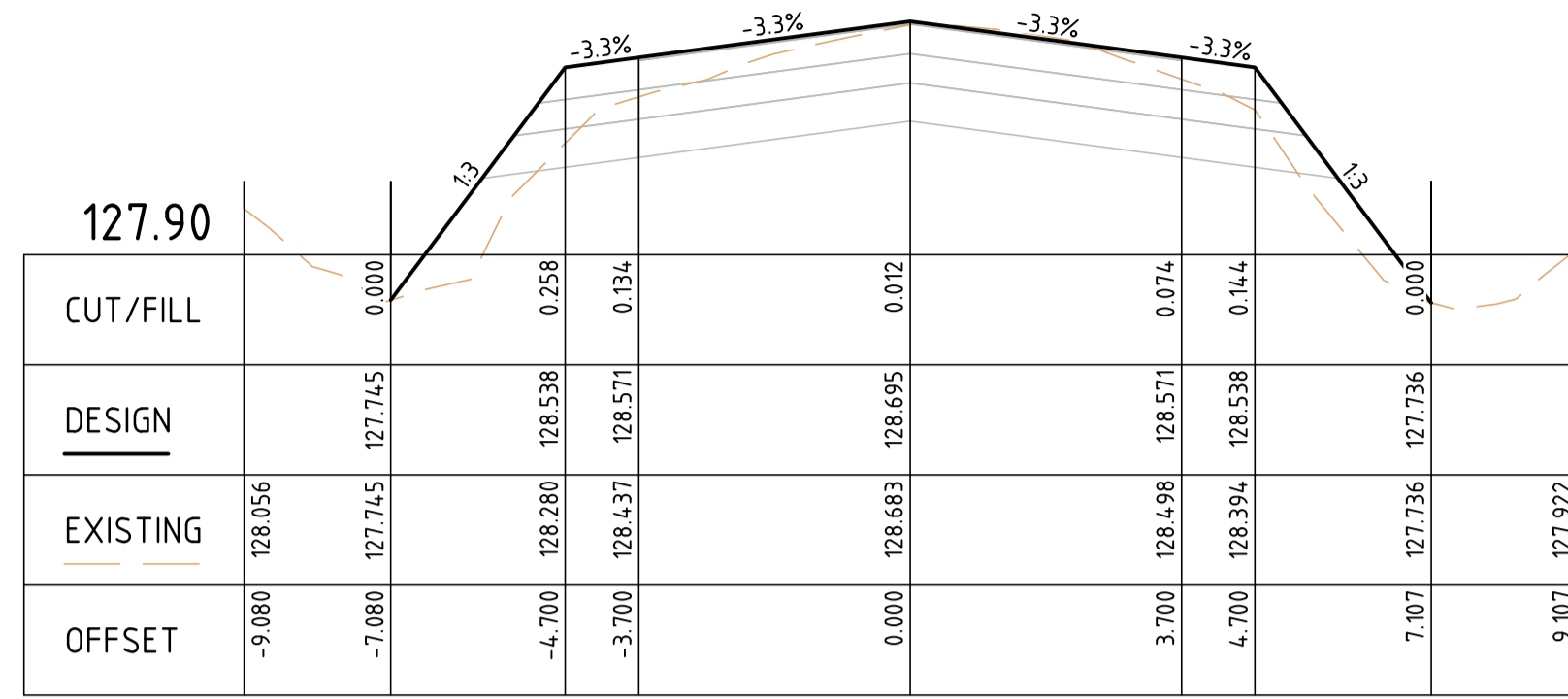


Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

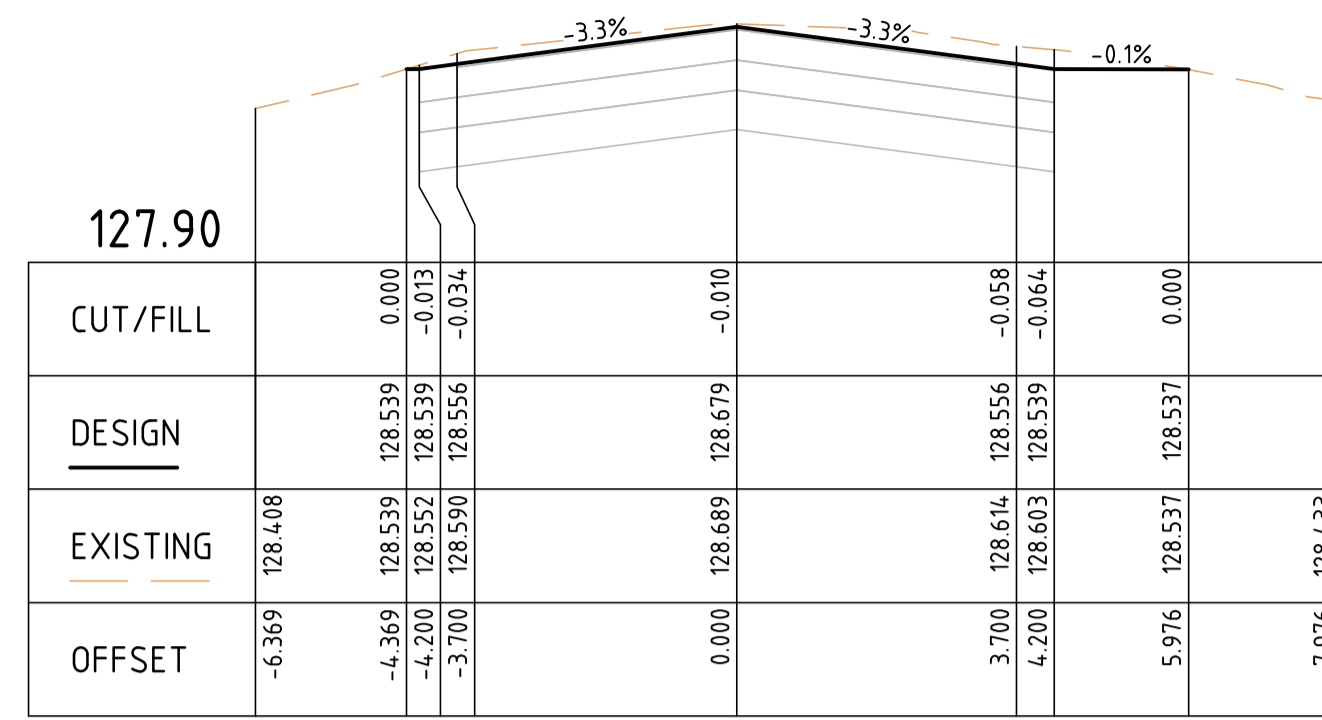
CAF CONSULTING

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

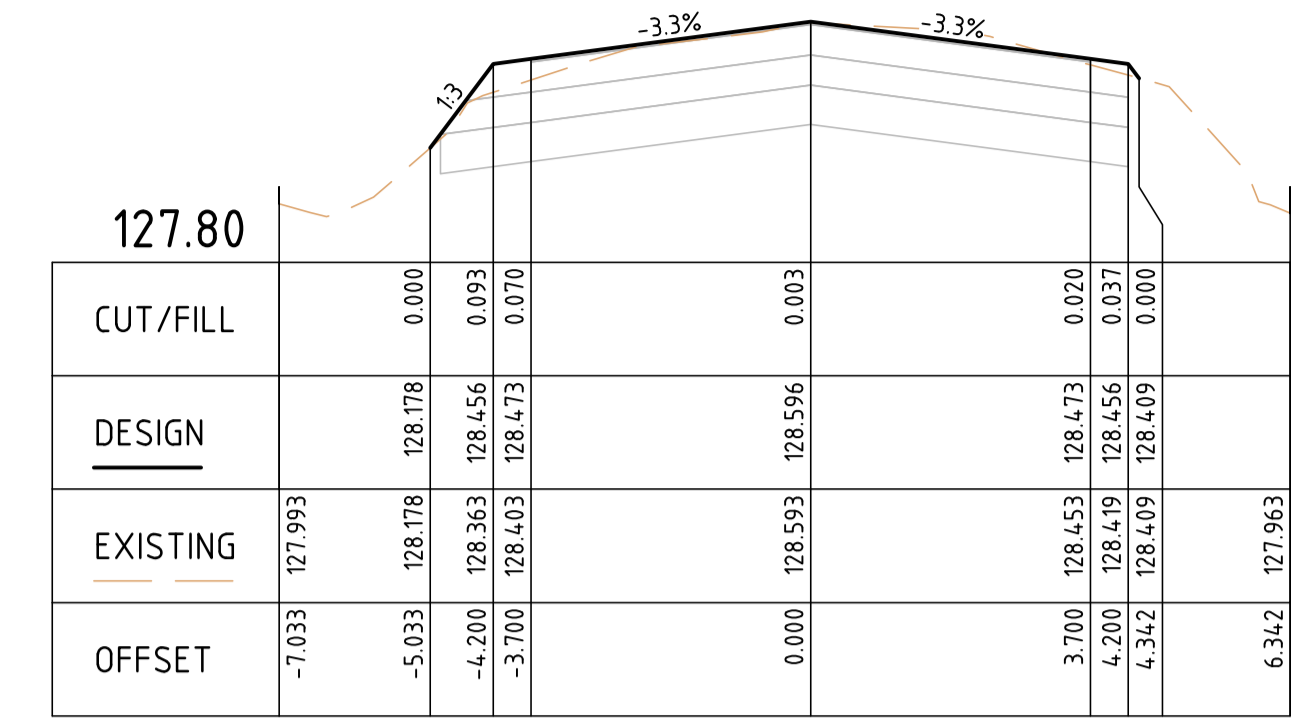
| | | | | | | | |
|---------------|---|--|-------------|----------------------------|-----------|----------------------------|----|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Location: | | | Cad File: | 3697 C29 ROAD LS.DWG | | Size: | A1 |
| Property: | | | Scale: | SCALE AS SHOWN | | Issue: | |
| Title: | ROAD LONGITUDINAL SECTIONS | | Drawing No: | 3697 / C38 | Sheet: | 38 of 56 | |



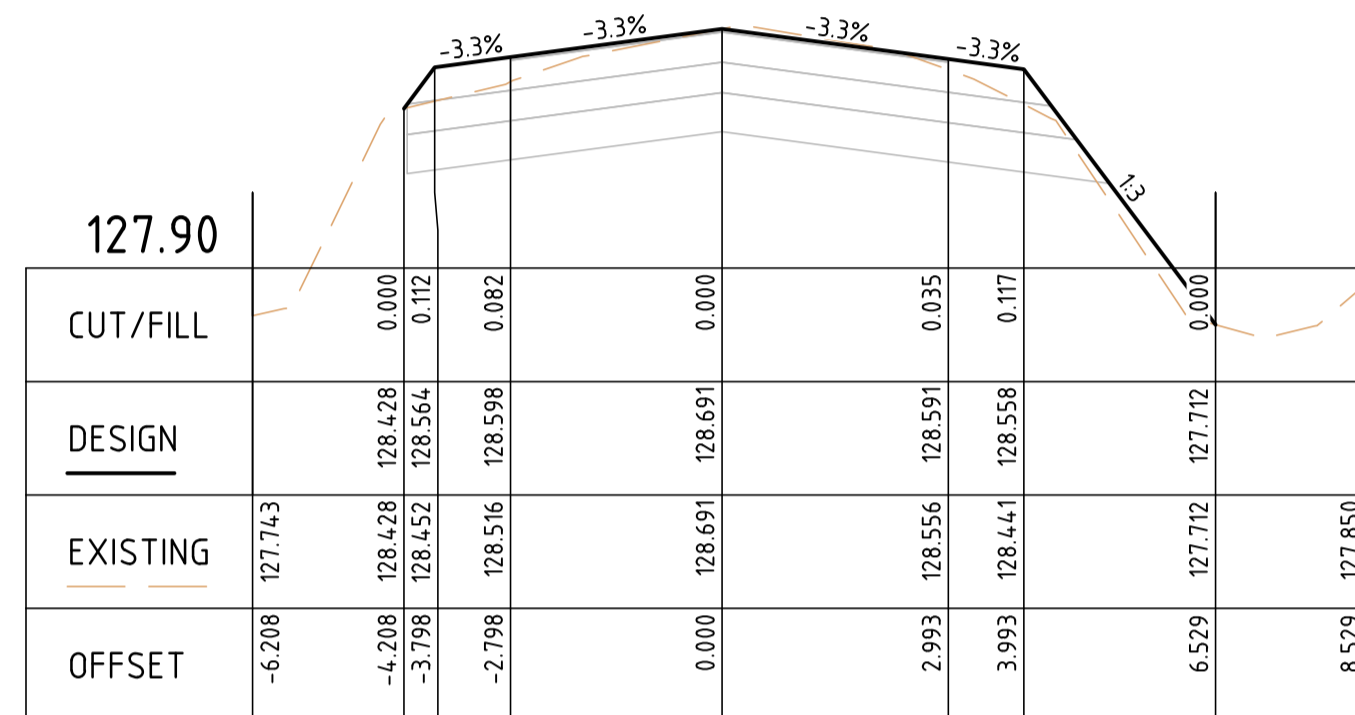
CH 31.89



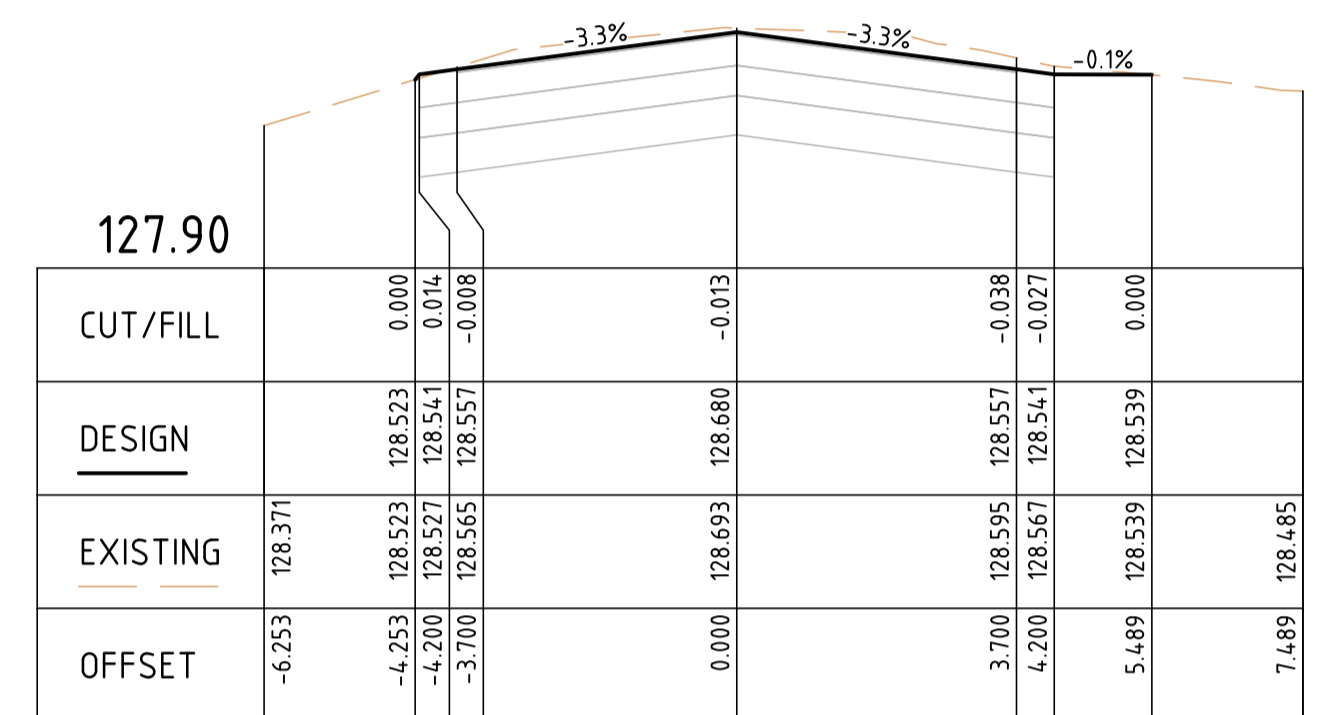
CH 61.21



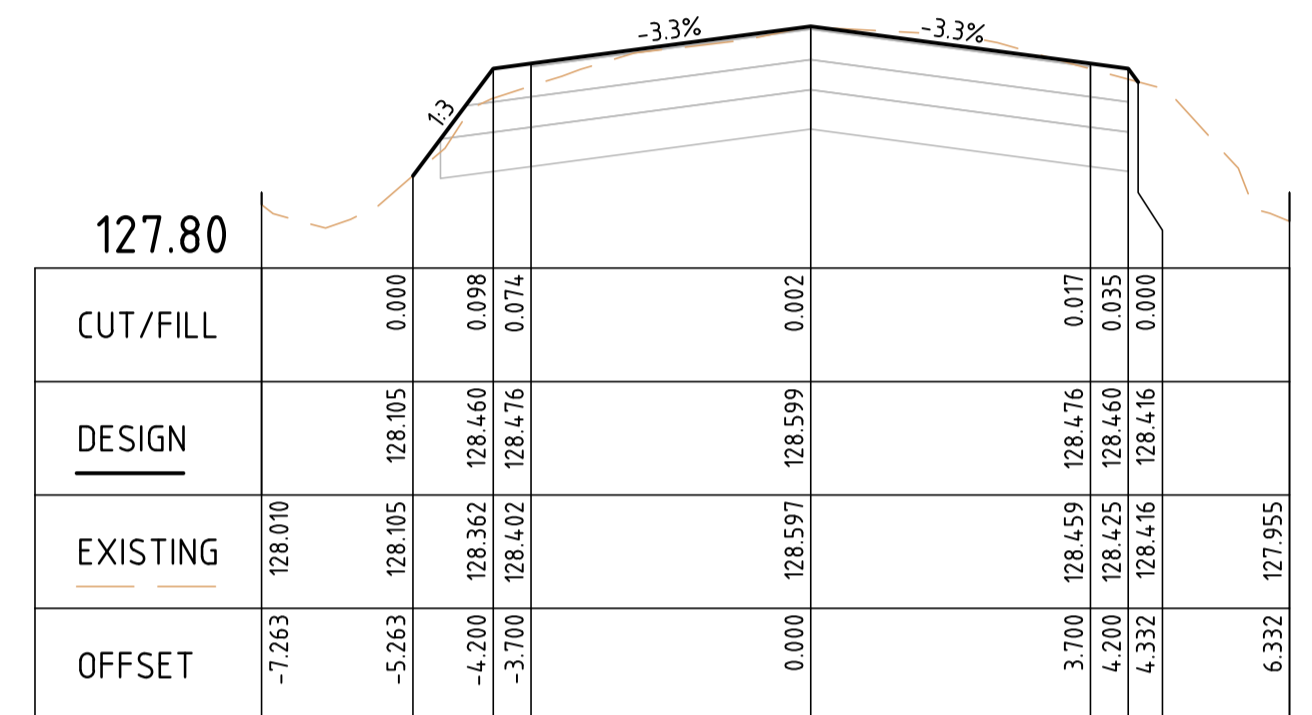
CH 101.21



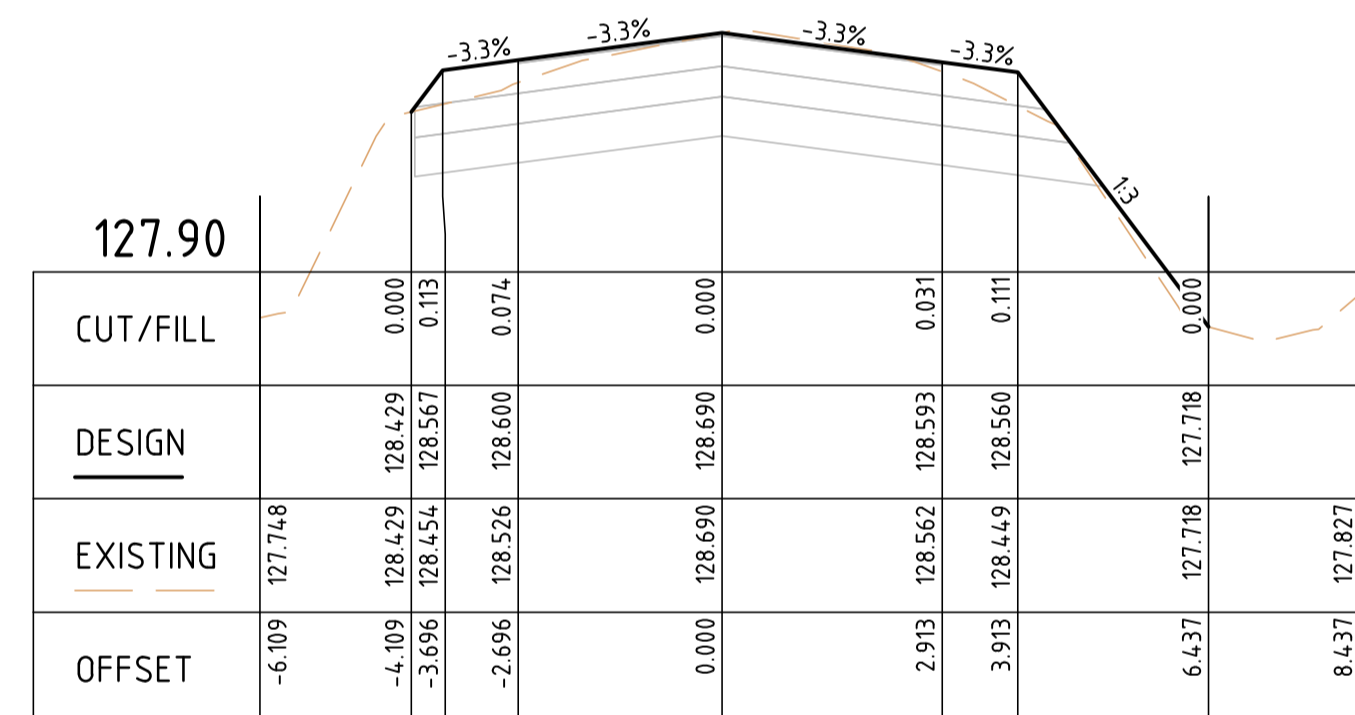
CH 21.21



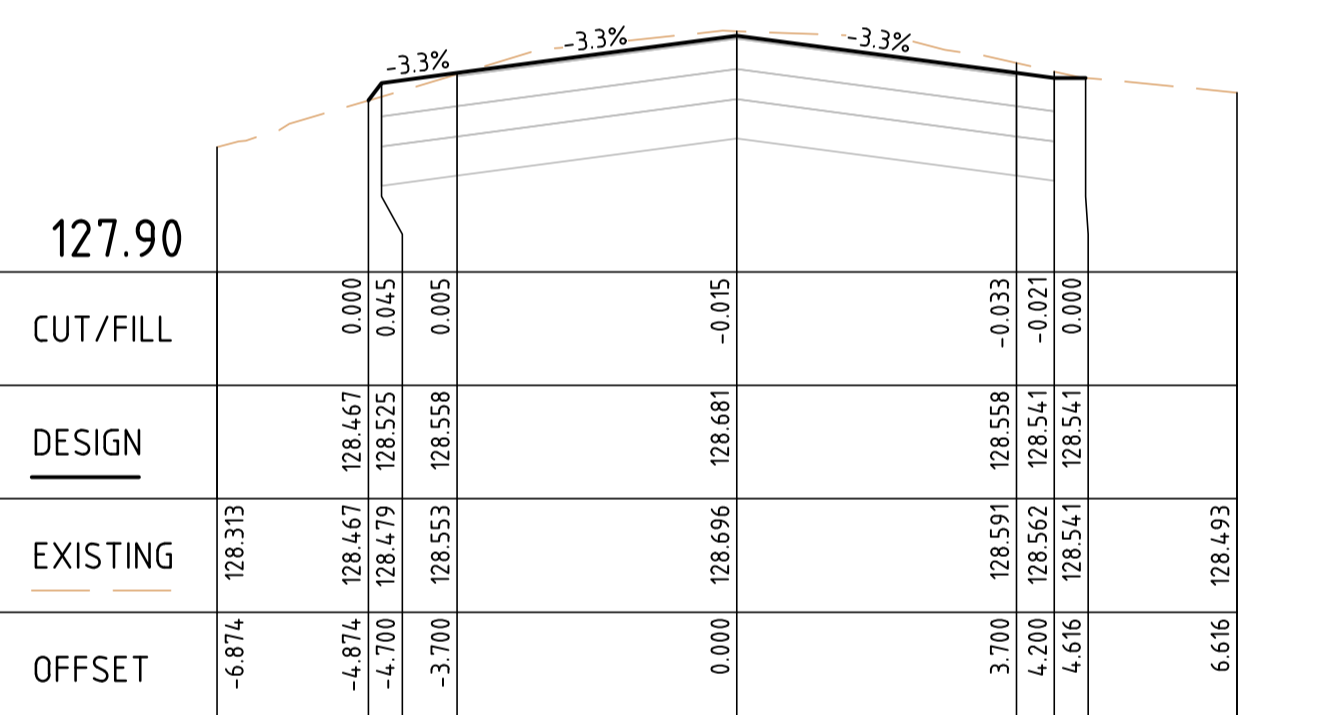
CH 60.00



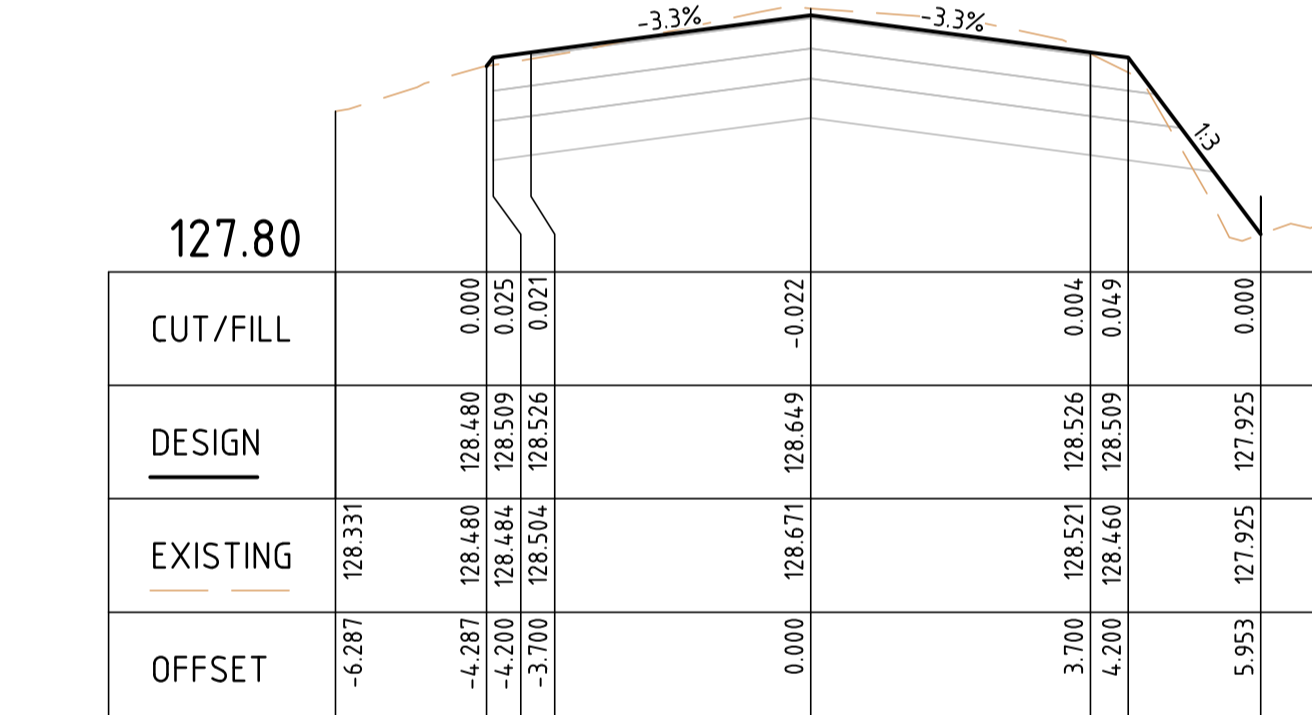
CH 100.00



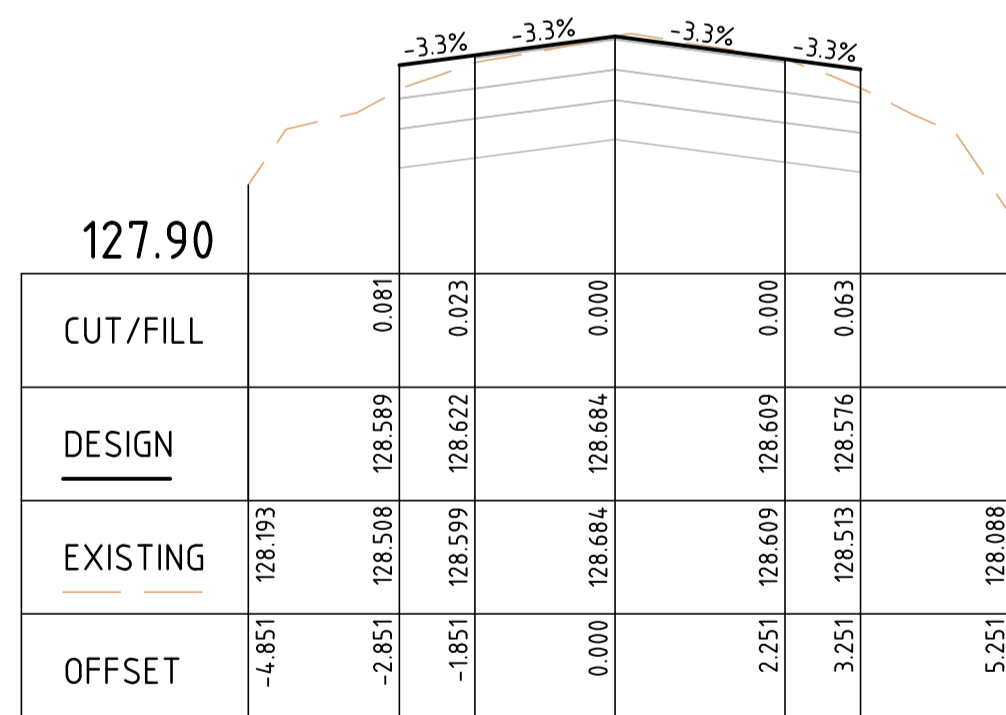
CH 20.00



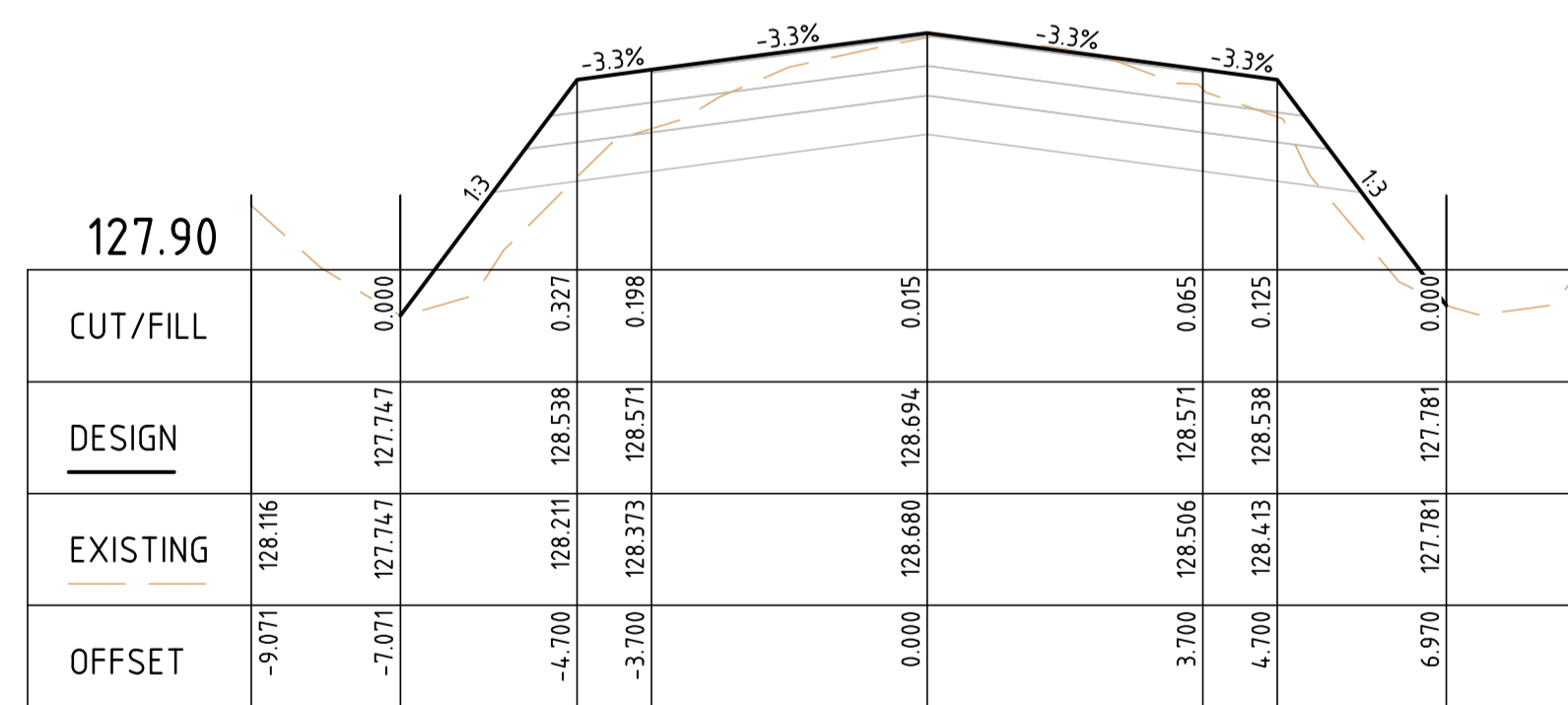
CH 59.40



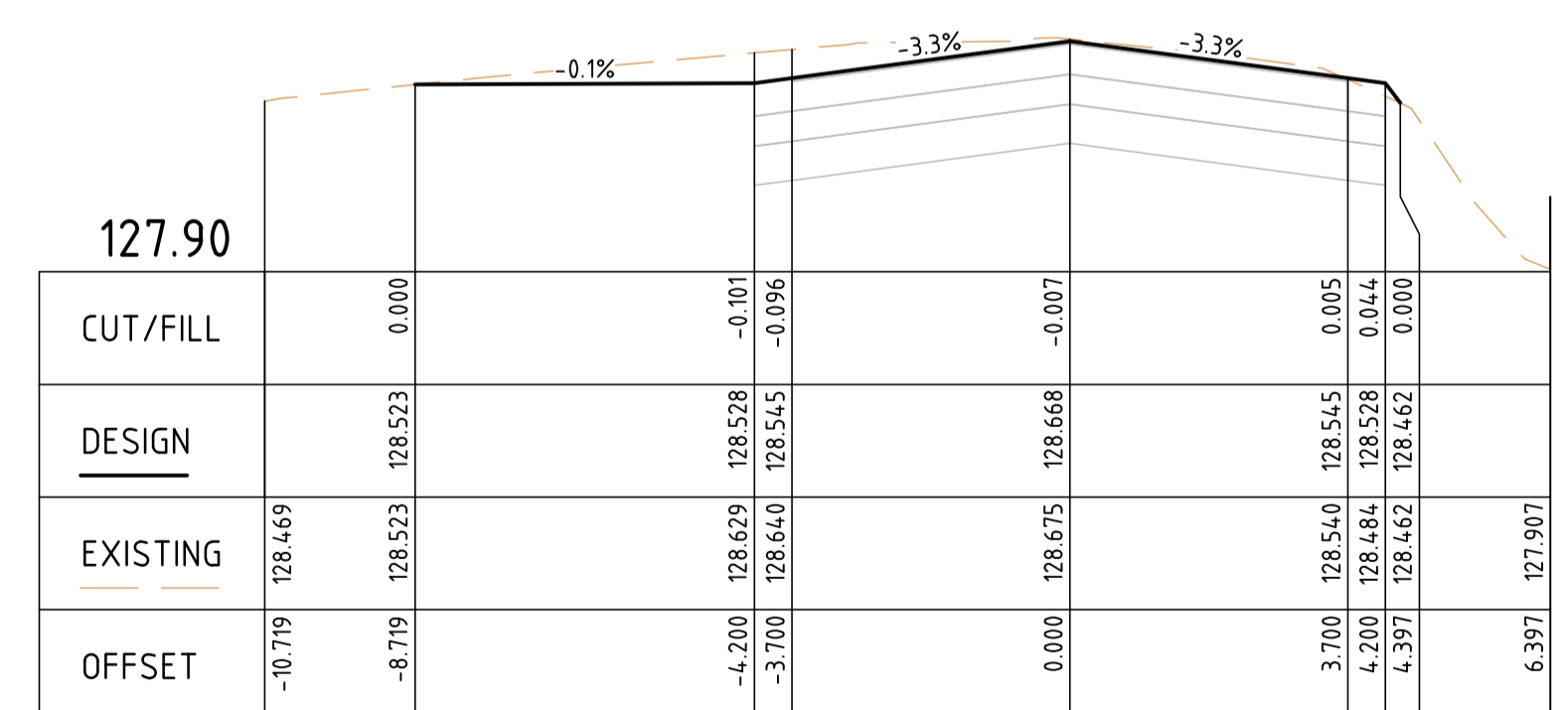
CH 80.00



CH 10.00



CH 40.00



CH 69.40

NAGAMBIE-RUSHWORTH ROAD CROSS SECTIONS

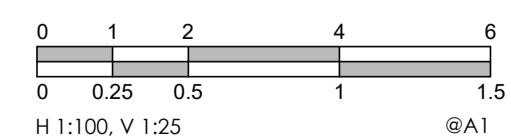
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:04:18 PM 3697_C39 ROAD_CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

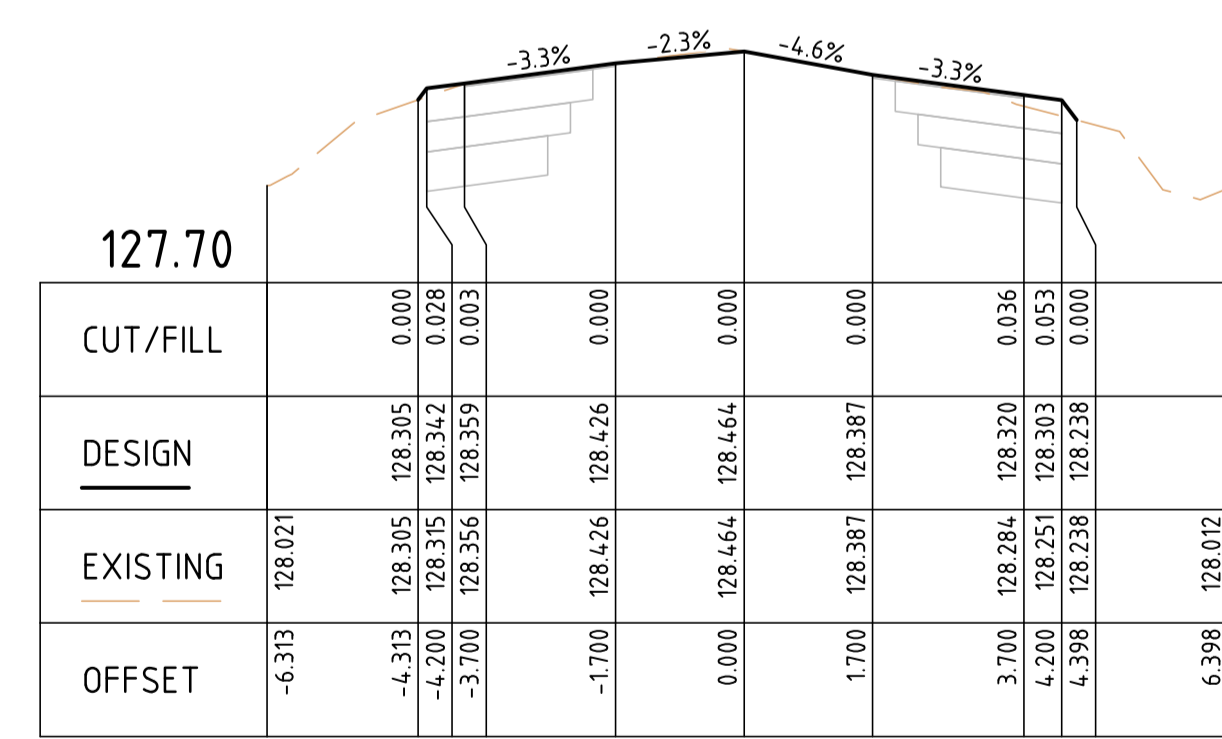
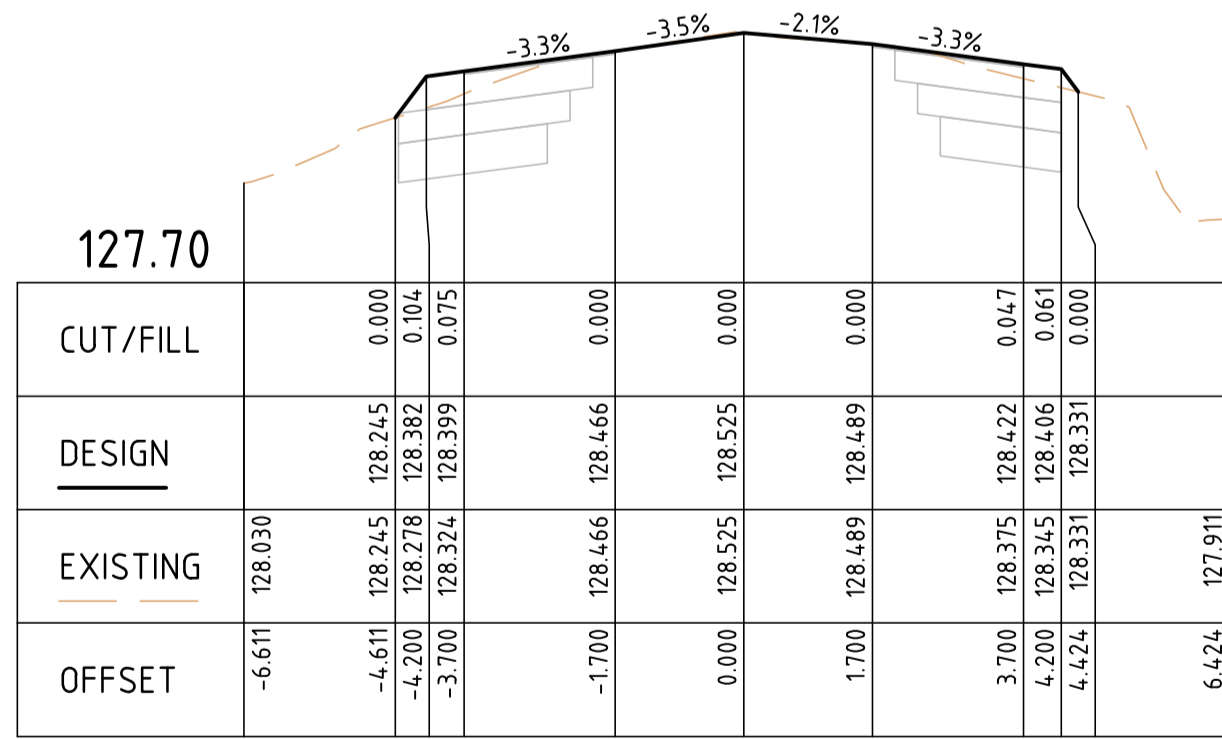
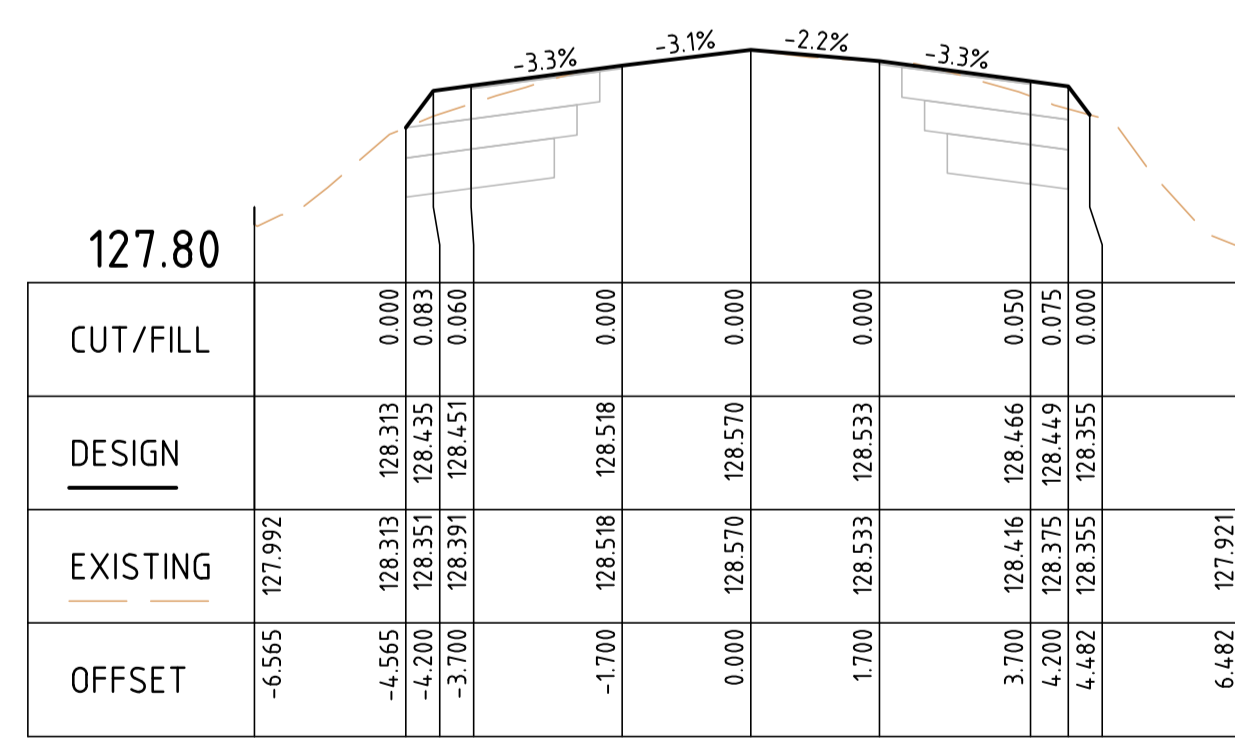
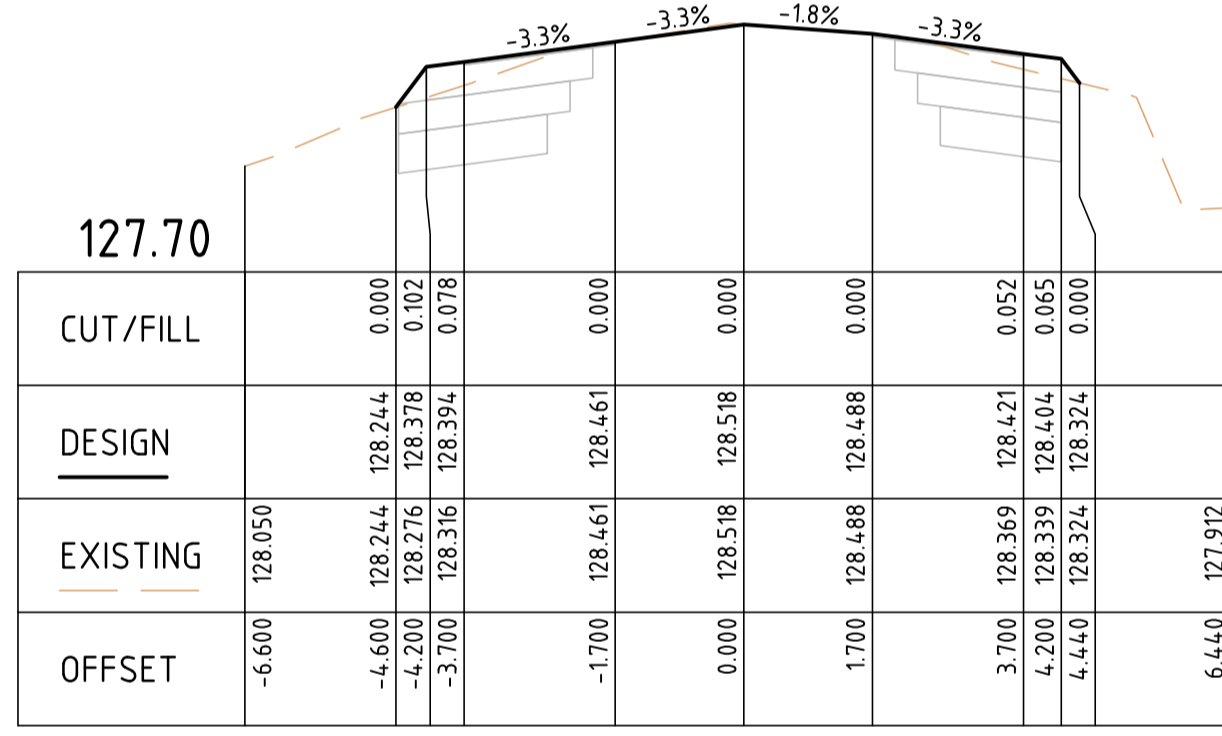
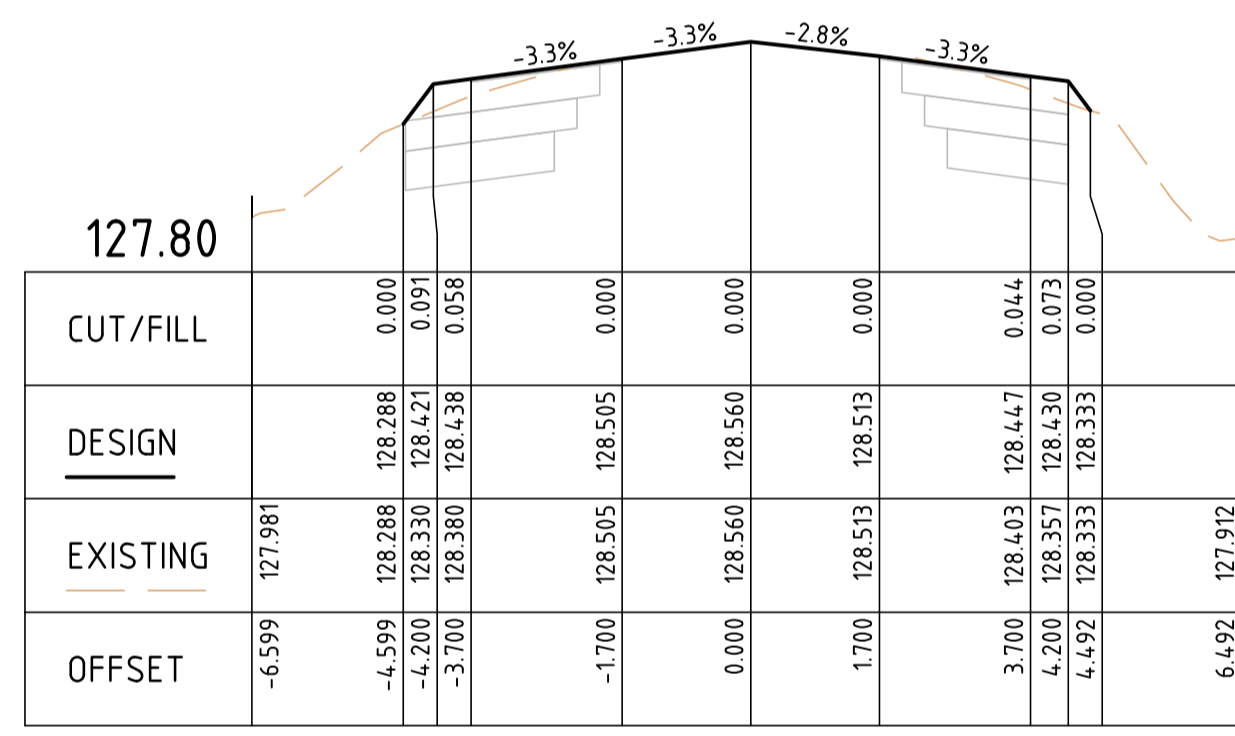
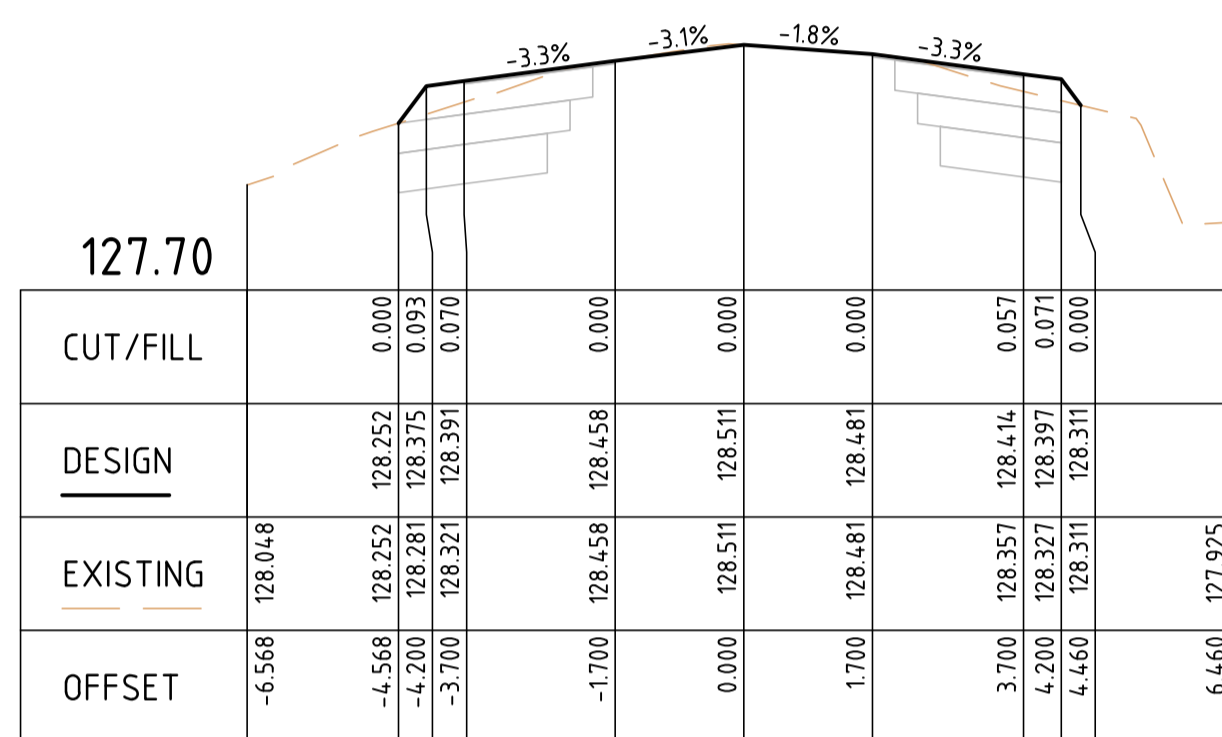
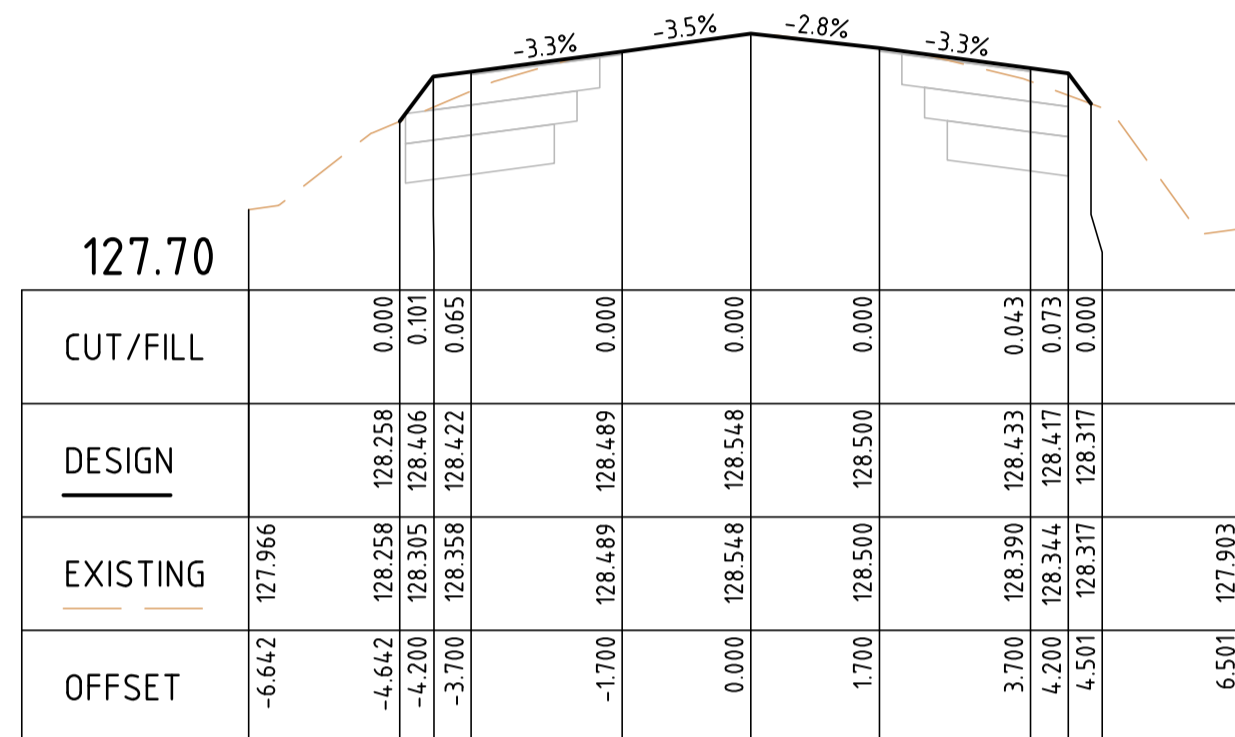
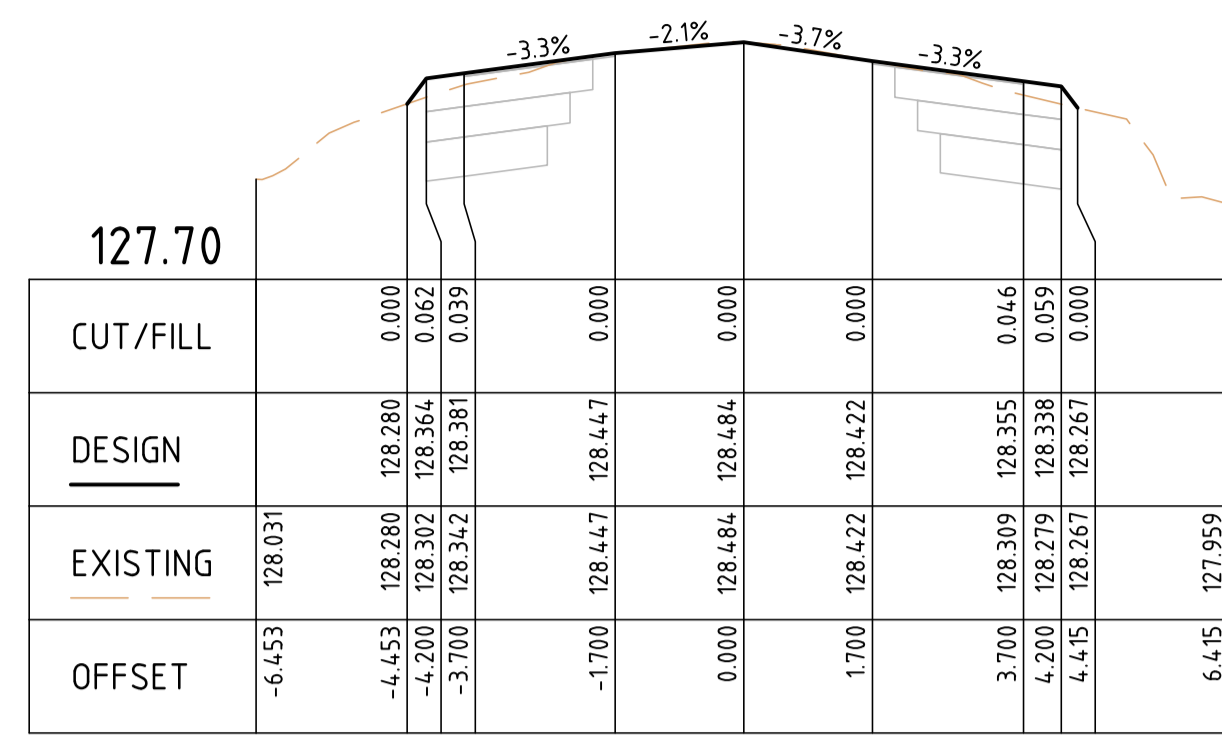
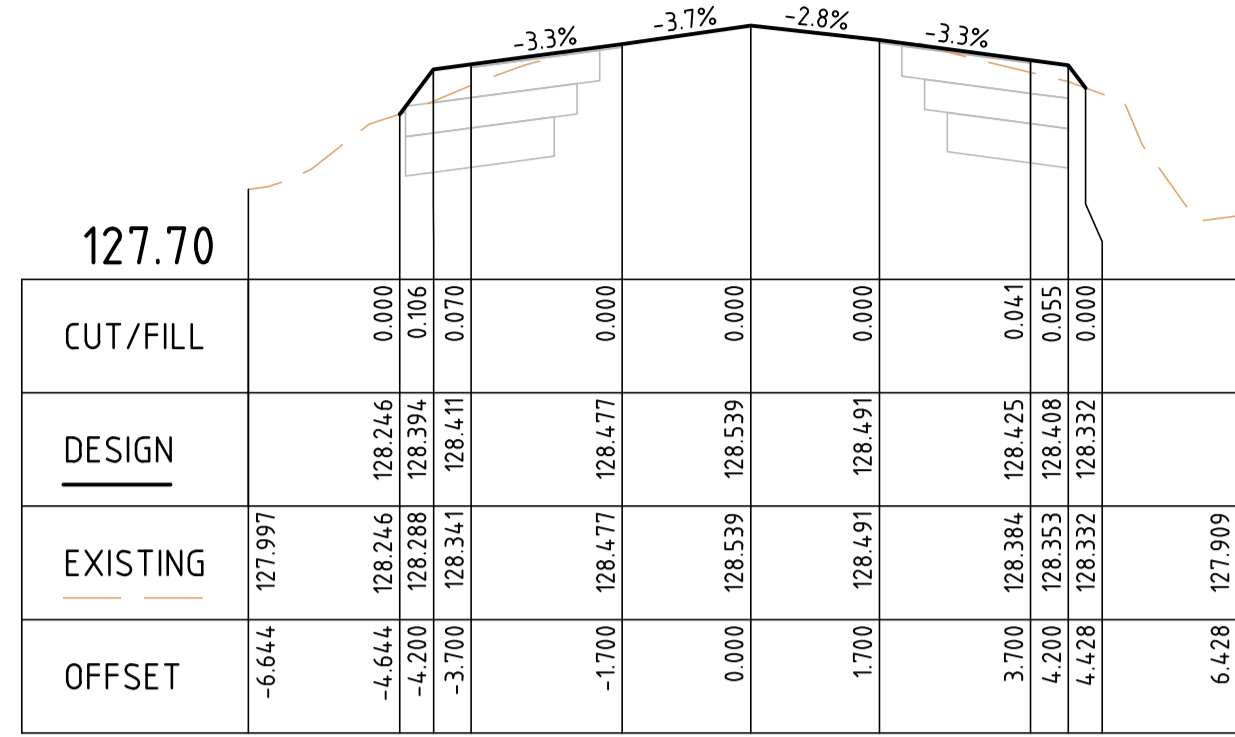
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|---------------------------|-----------|---------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697_C39 ROAD_CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | | Sheet: | 39 of 56 |
| Title: | ROAD CROSS SECTIONS | Issue: | | | G |



NAGAMBIE-RUSHWORTH ROAD CROSS SECTIONS

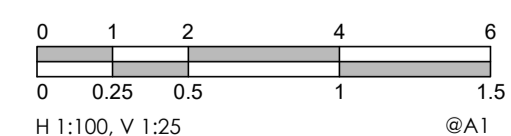
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:04:18 PM 3697_C39 ROAD_CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D., GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

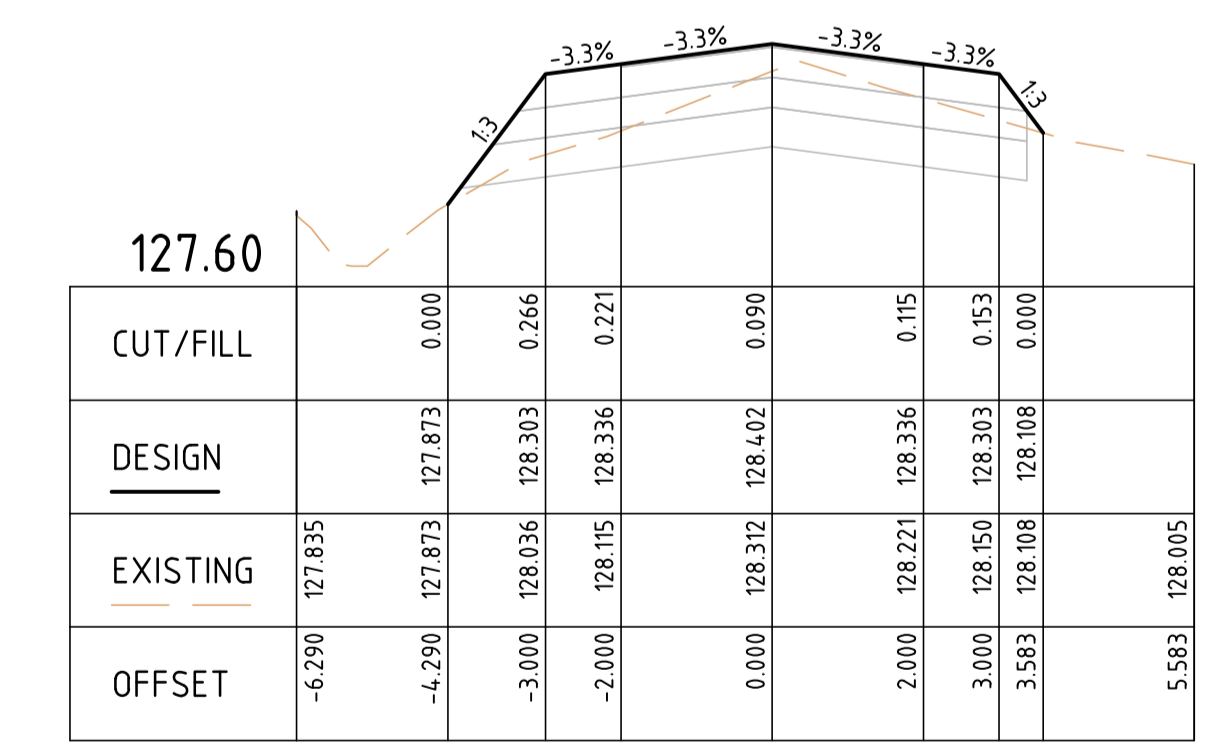
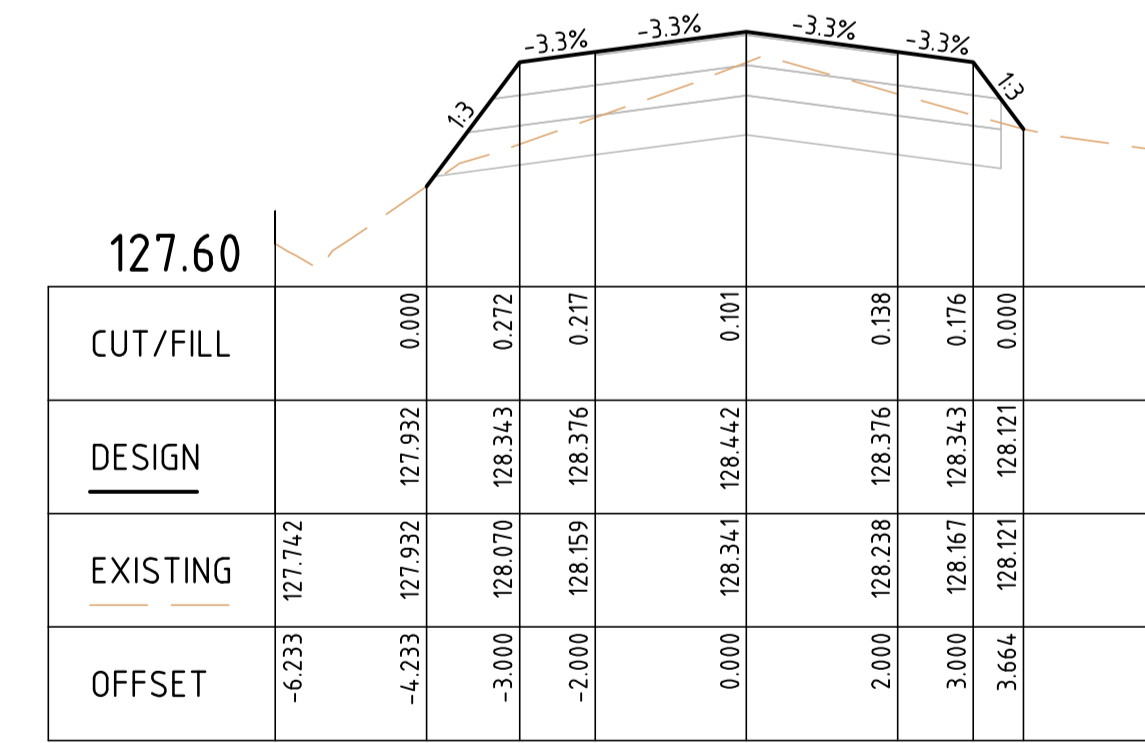
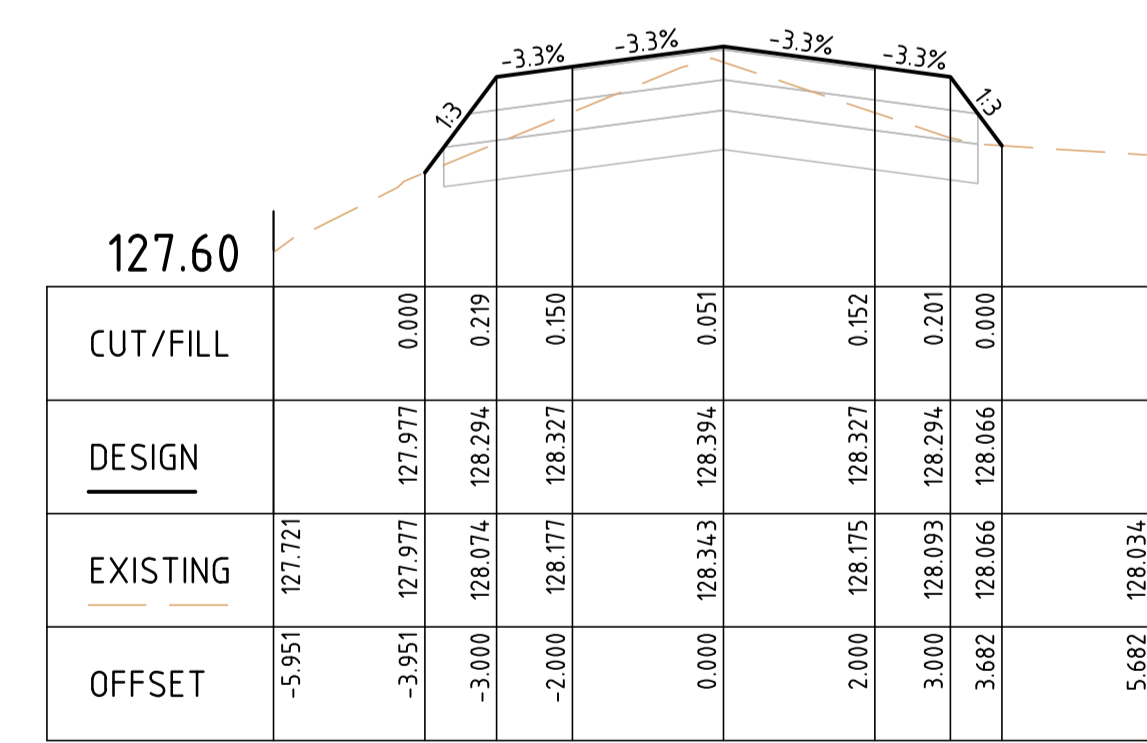
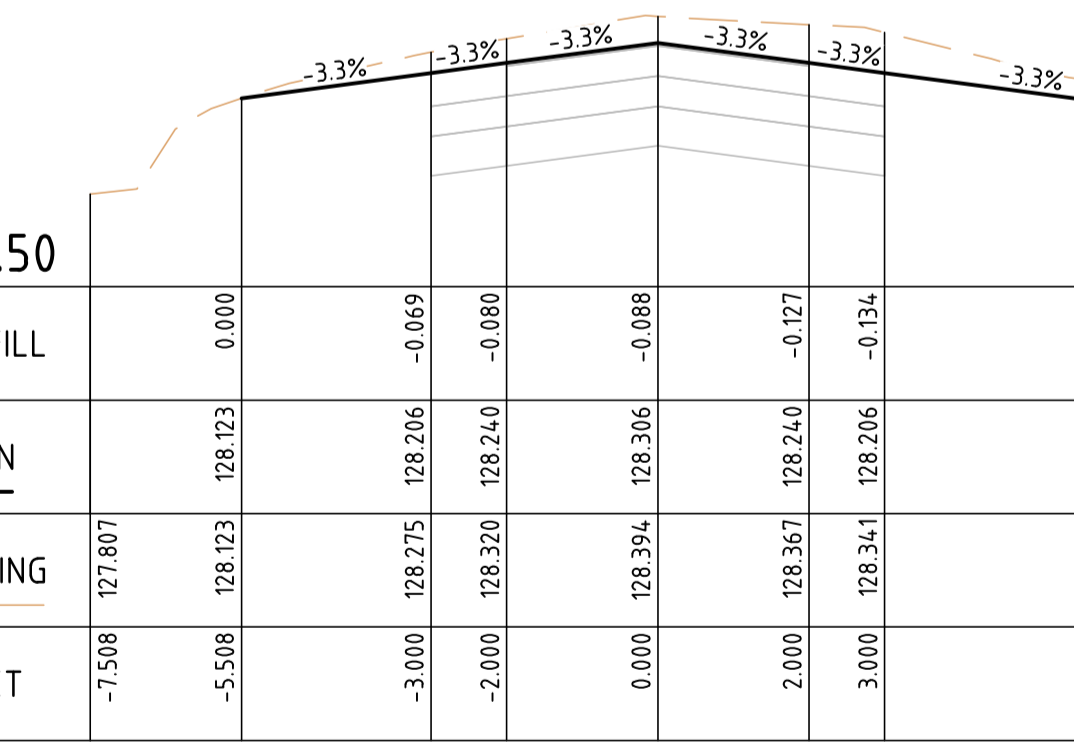
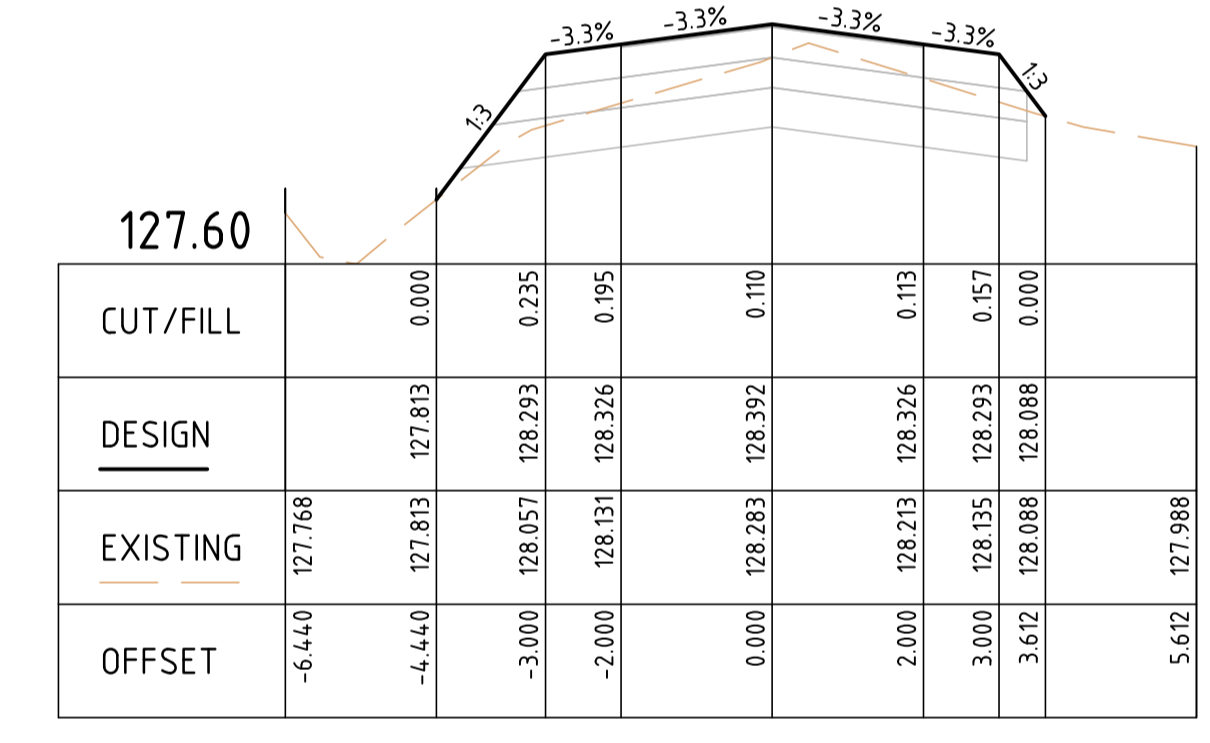
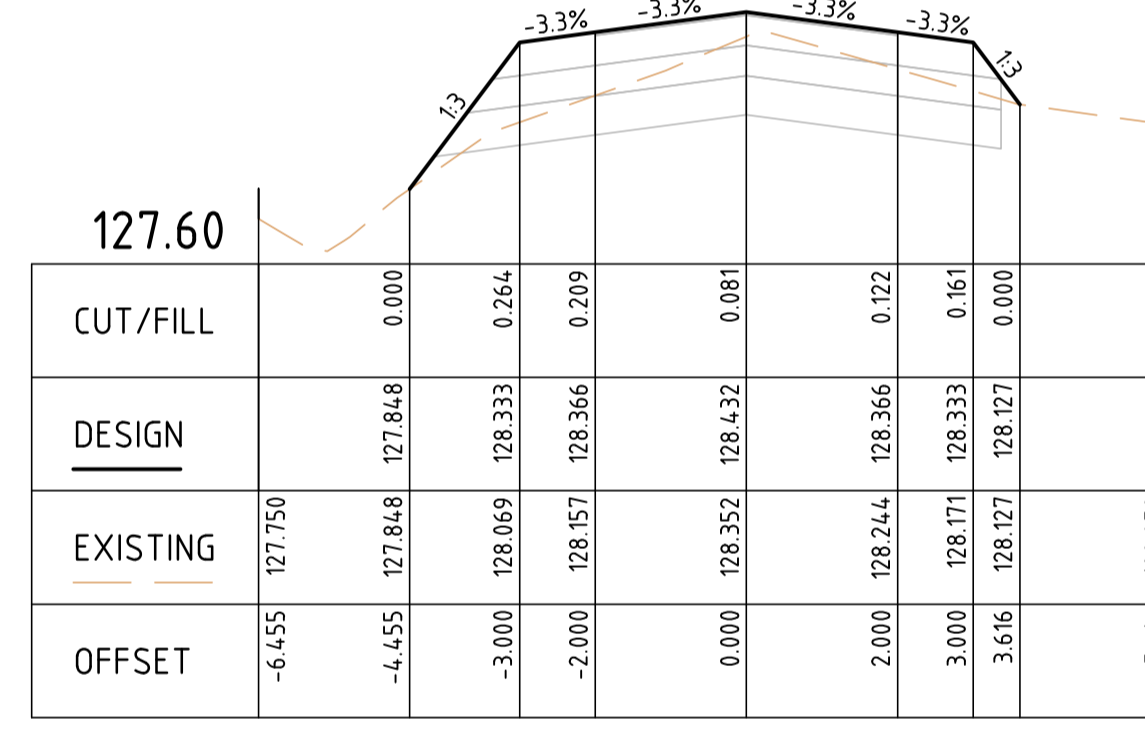
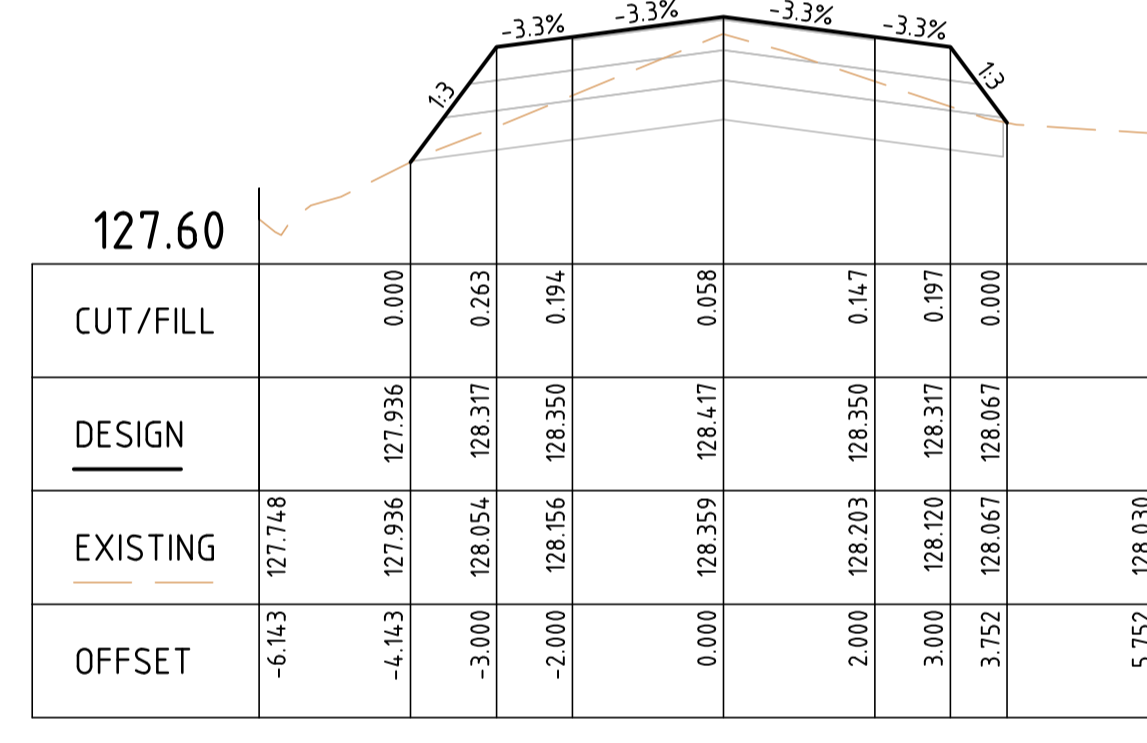
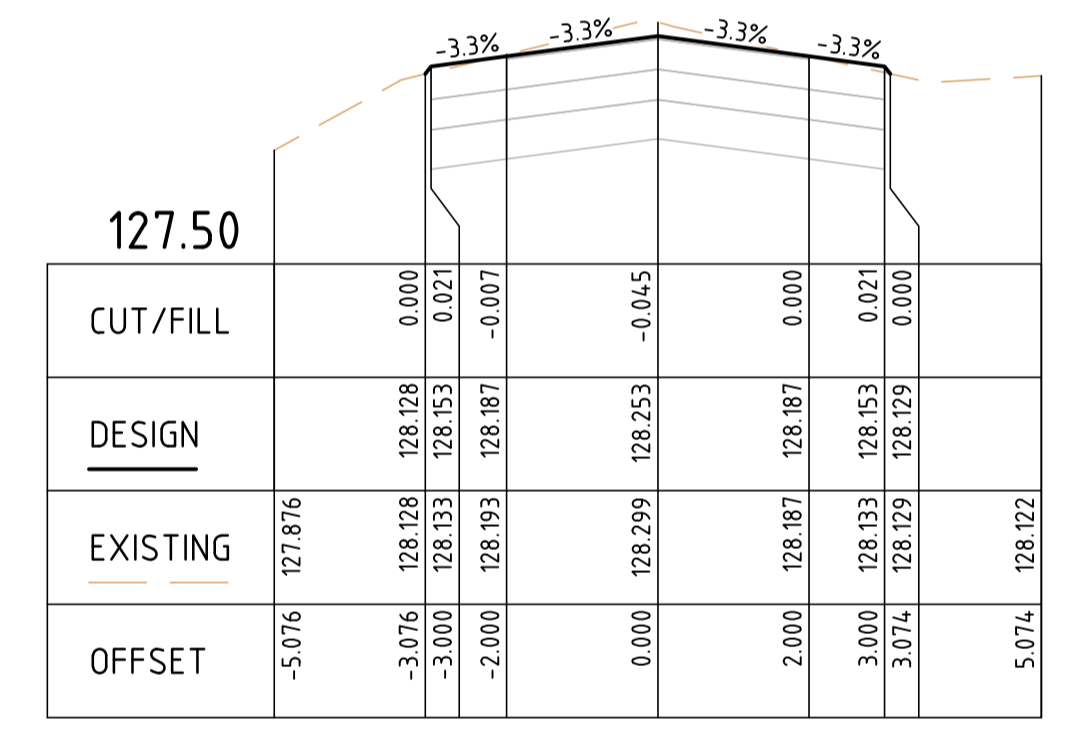
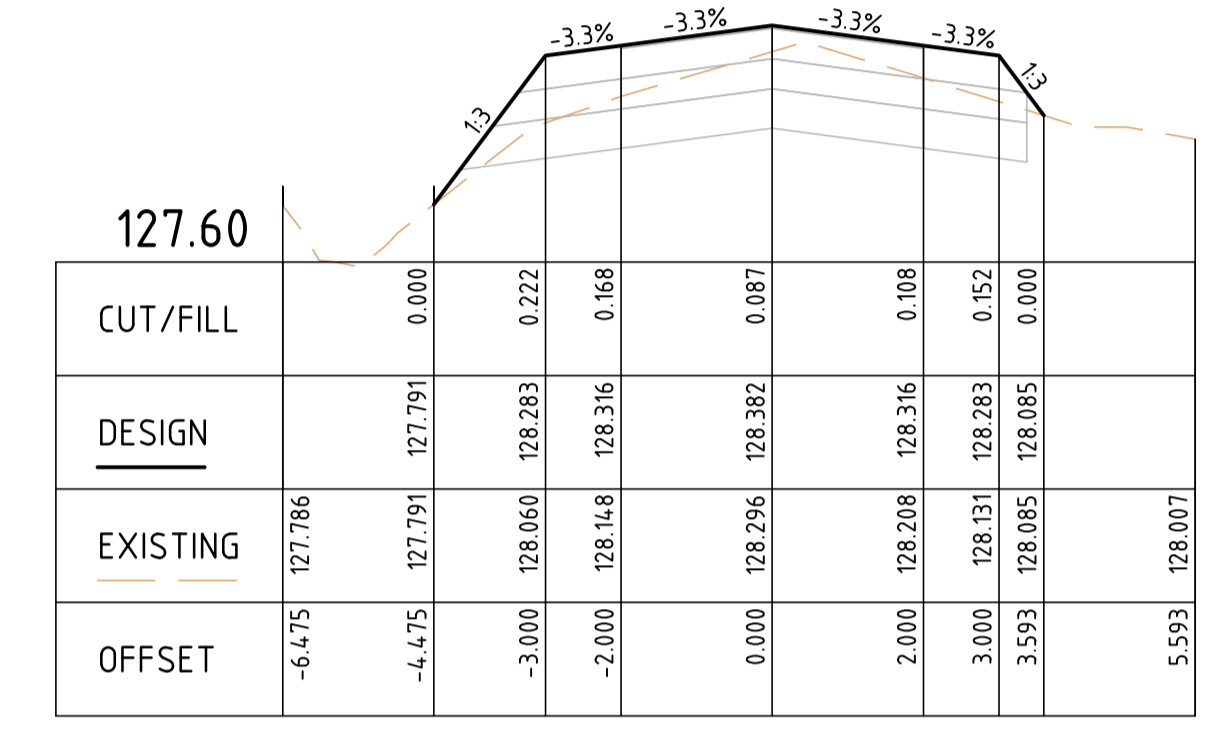
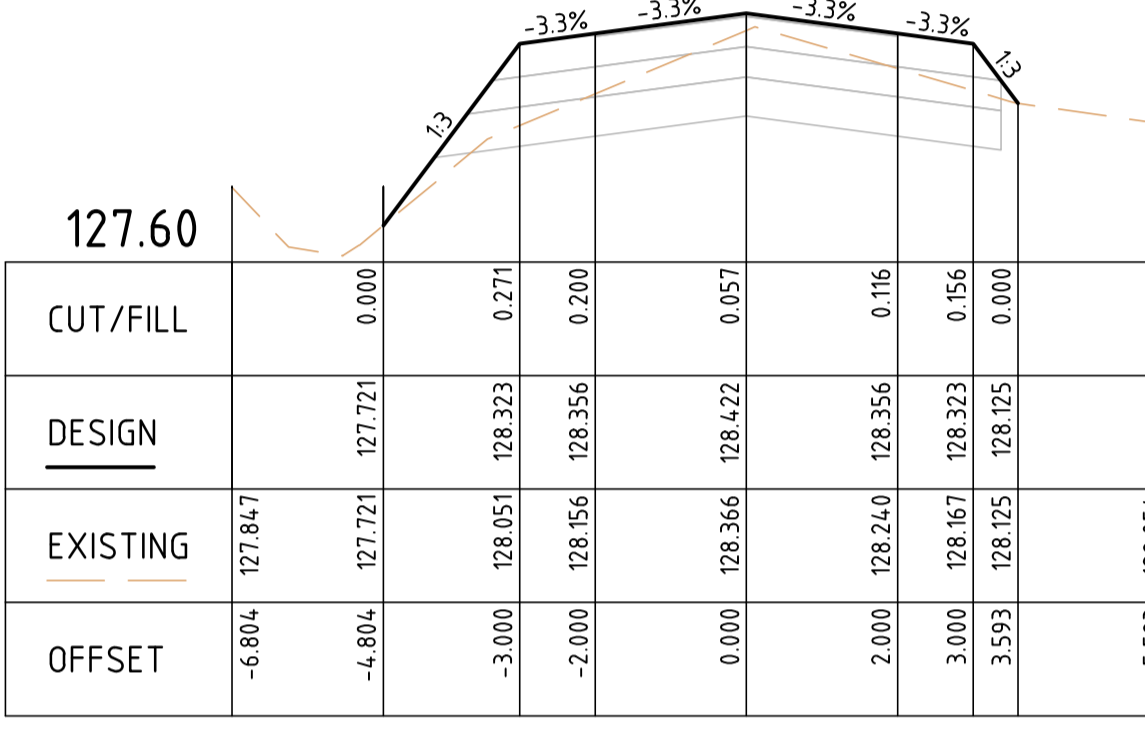
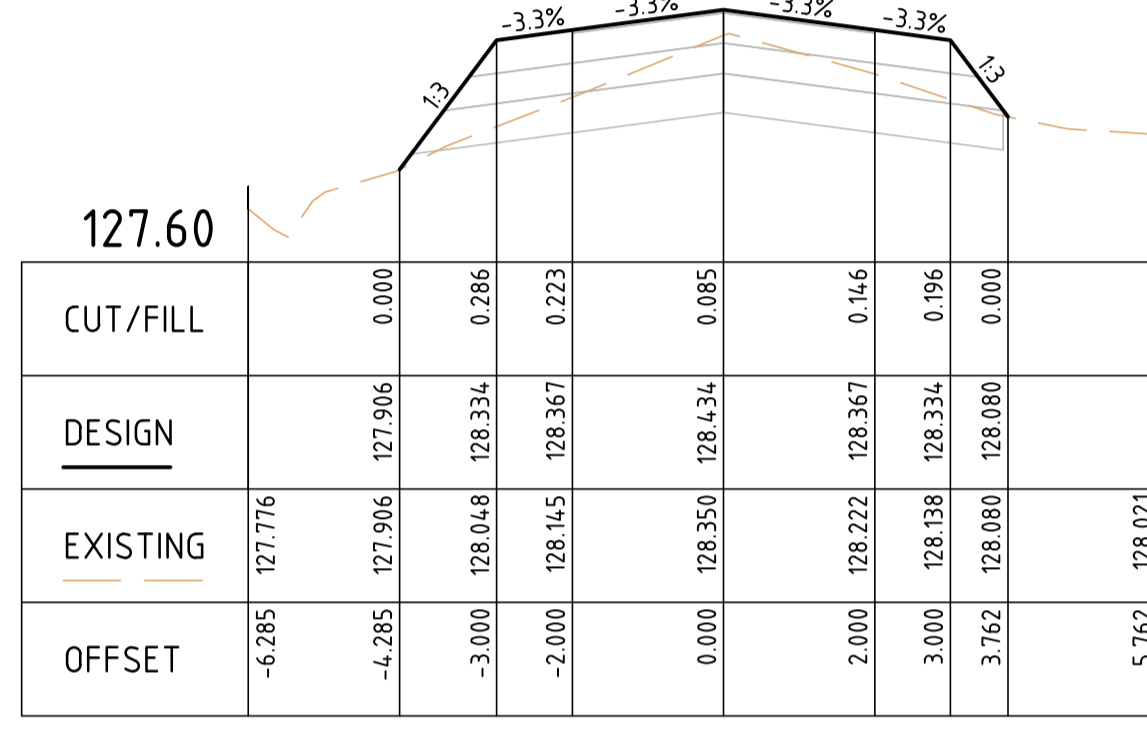
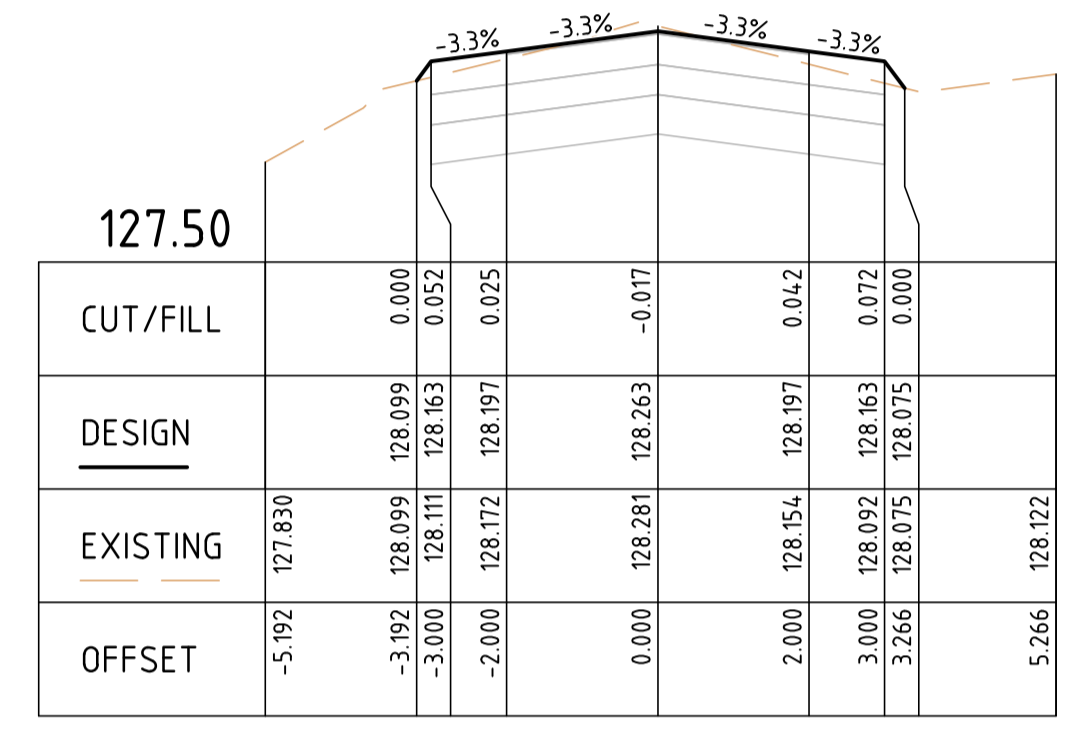
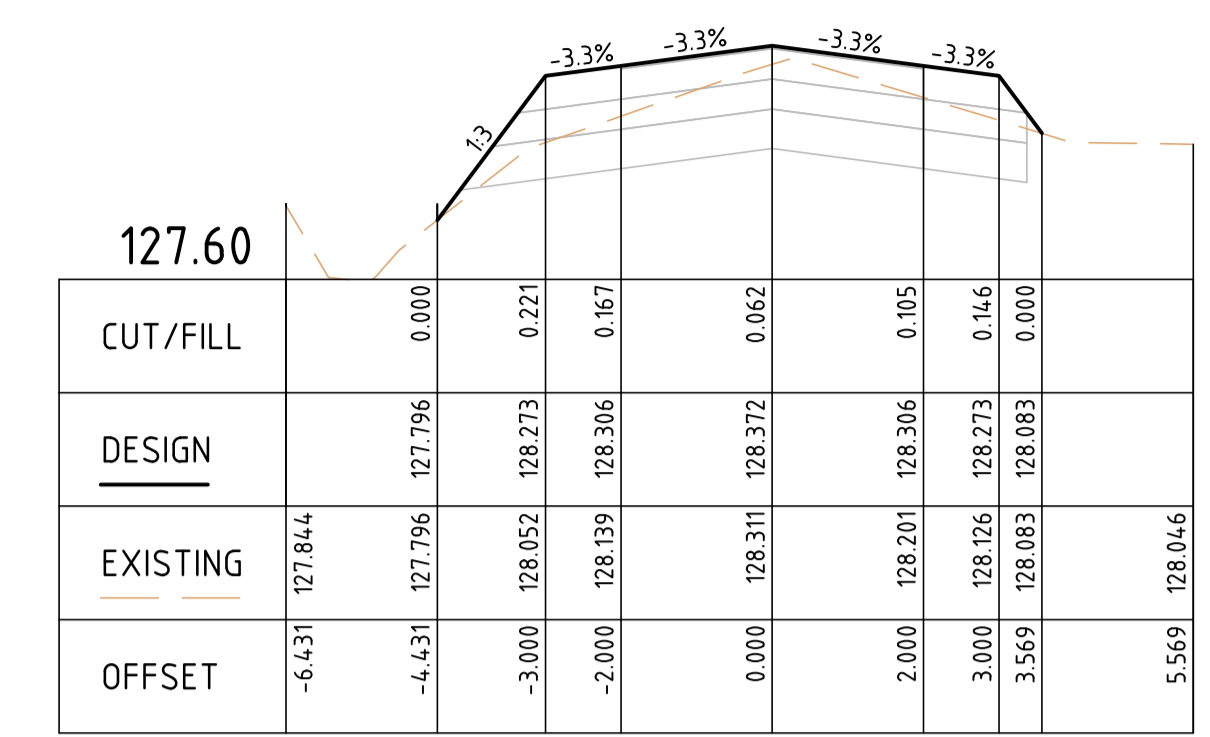
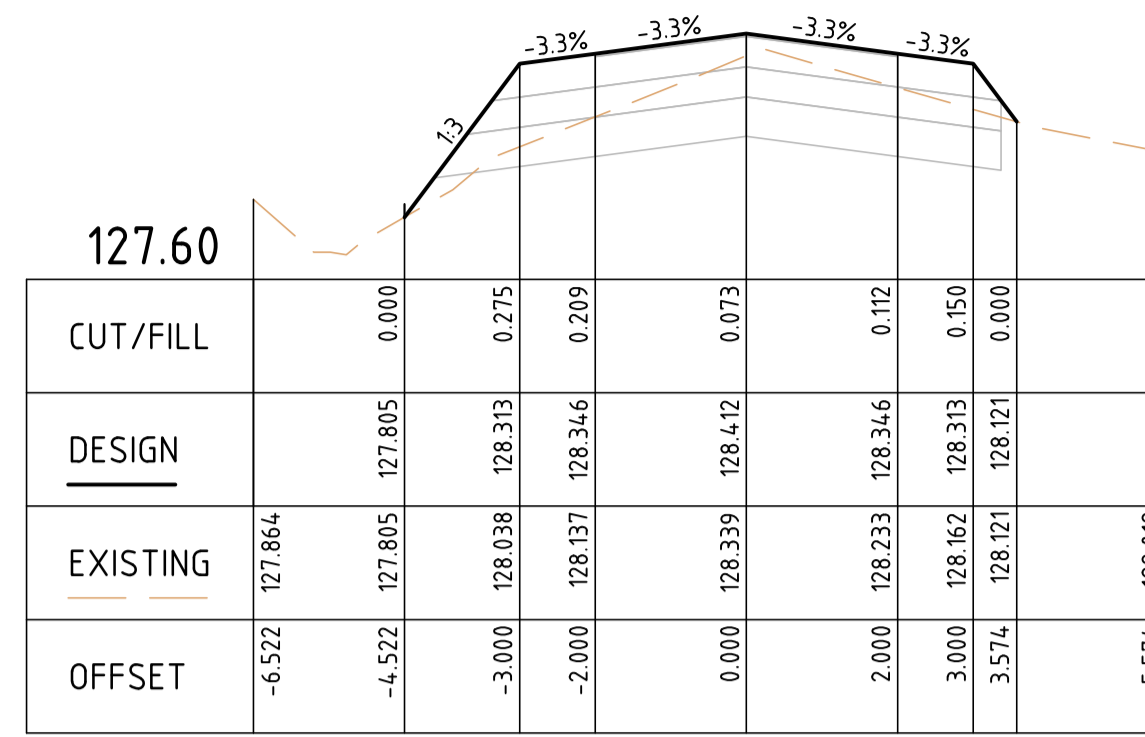
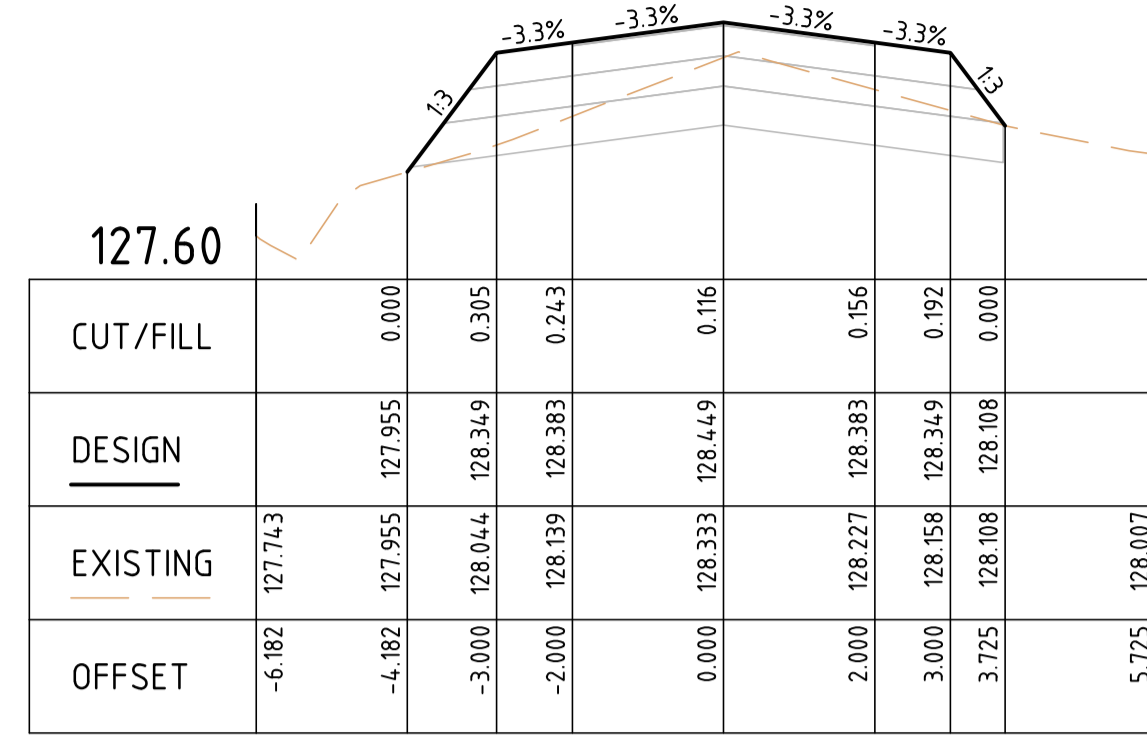
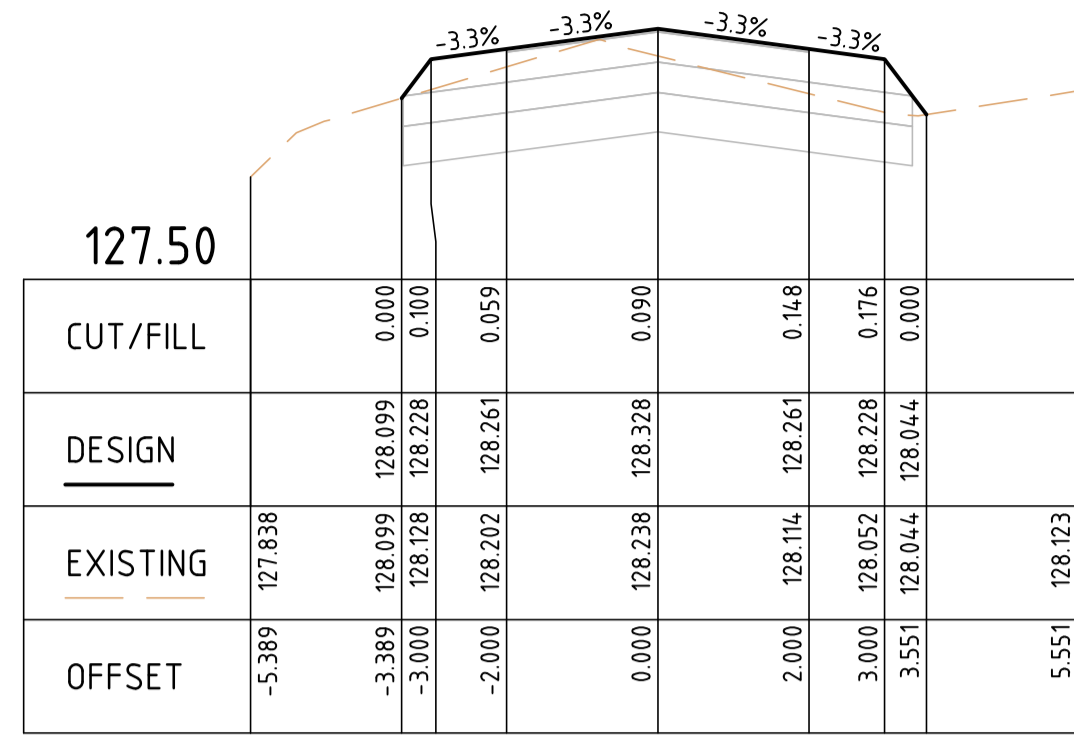
CONSTRUCTION



Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

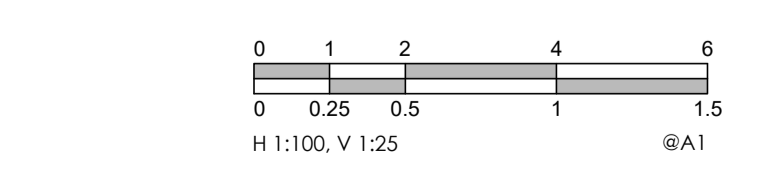
| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Property: - | | Cad File: 3697_C39 ROAD_CS.DWG | |
| Title: ROAD CROSS SECTIONS | | Scale: SCALE AS SHOWN | Size: A1 |
| - | | Drawing No: 3697 / C40 | Sheet: 40 of 56 |
| - | | Issue: G | |



WEIR ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

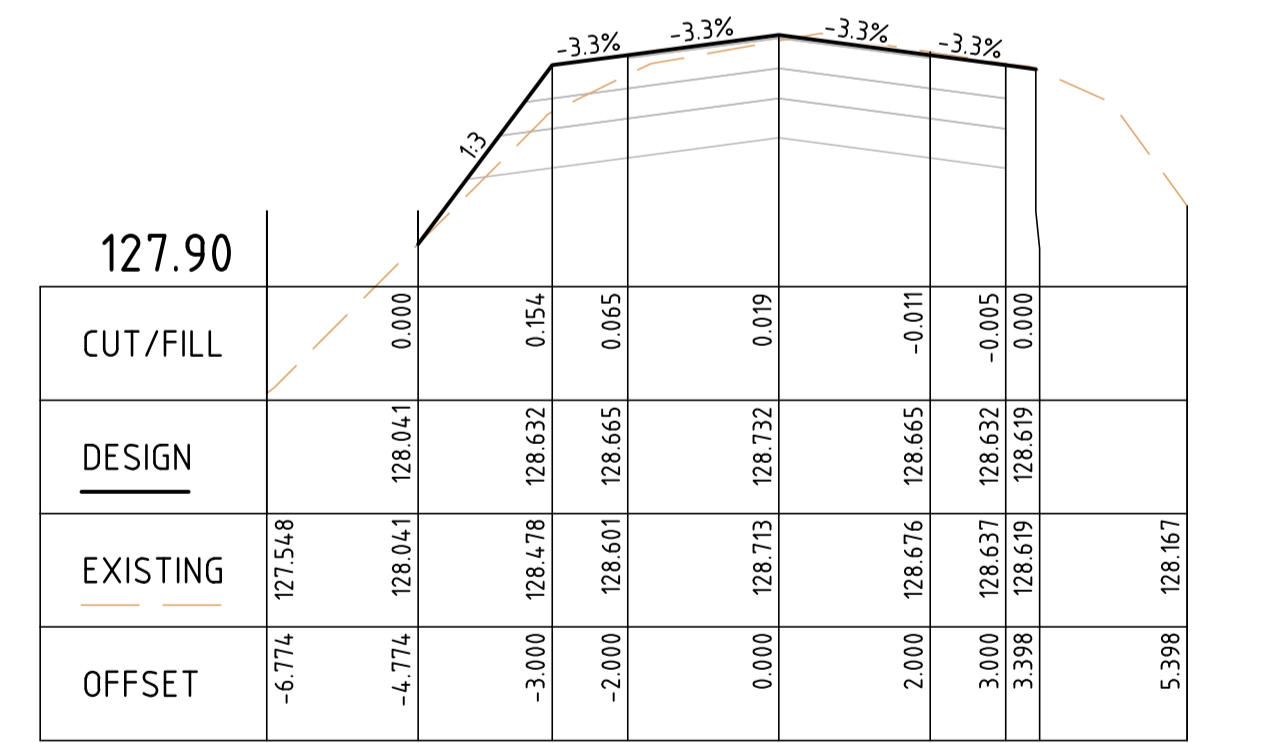
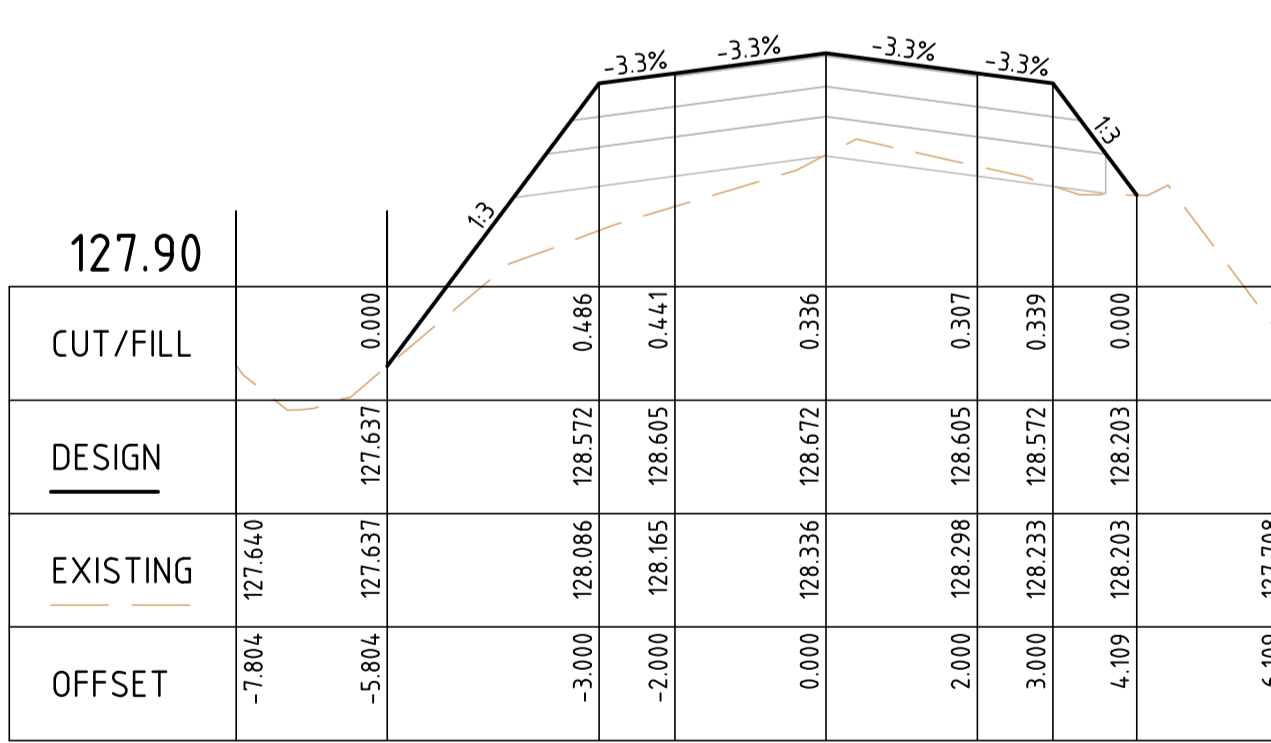
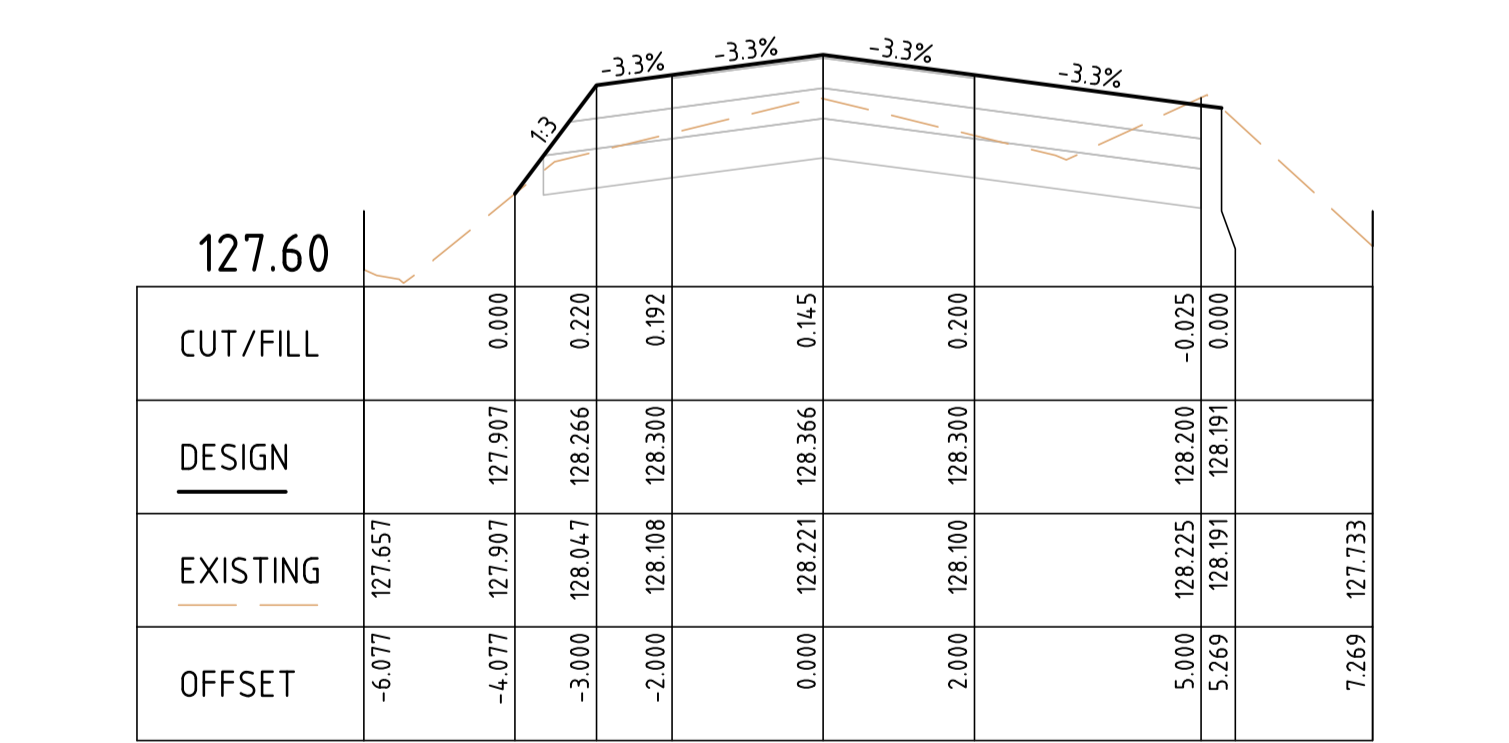
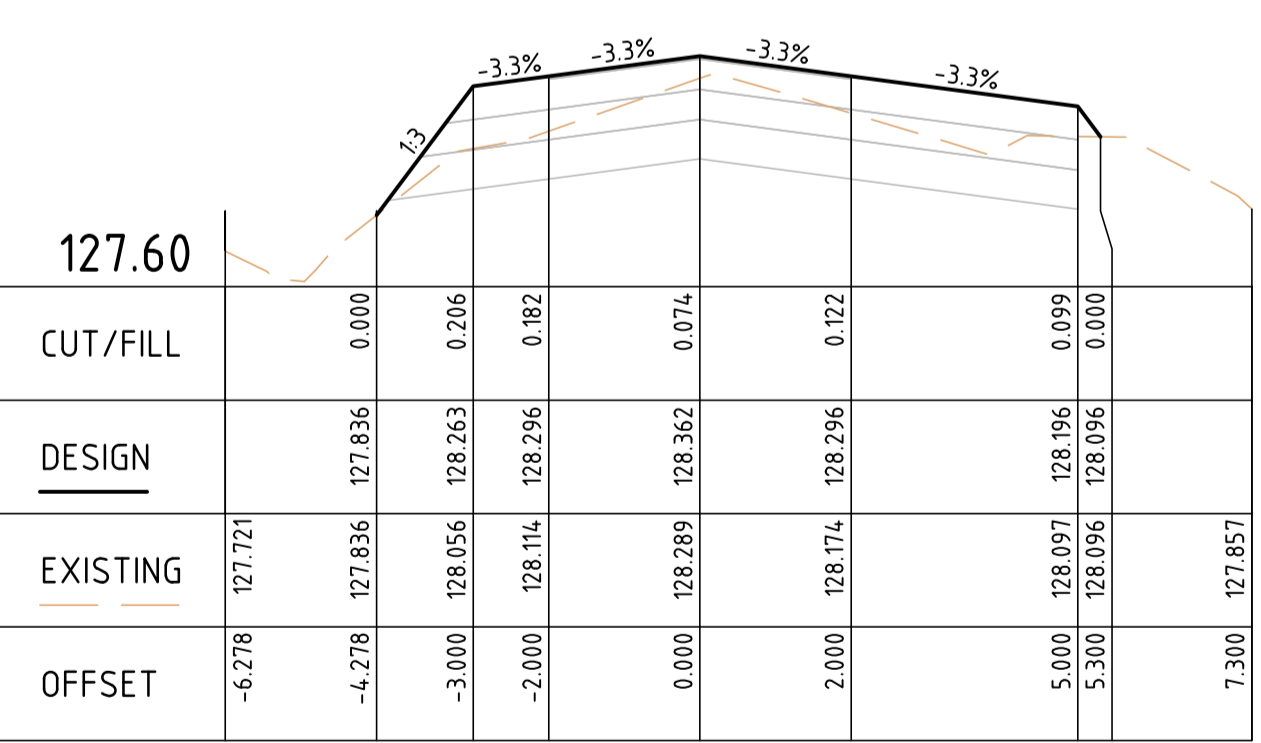
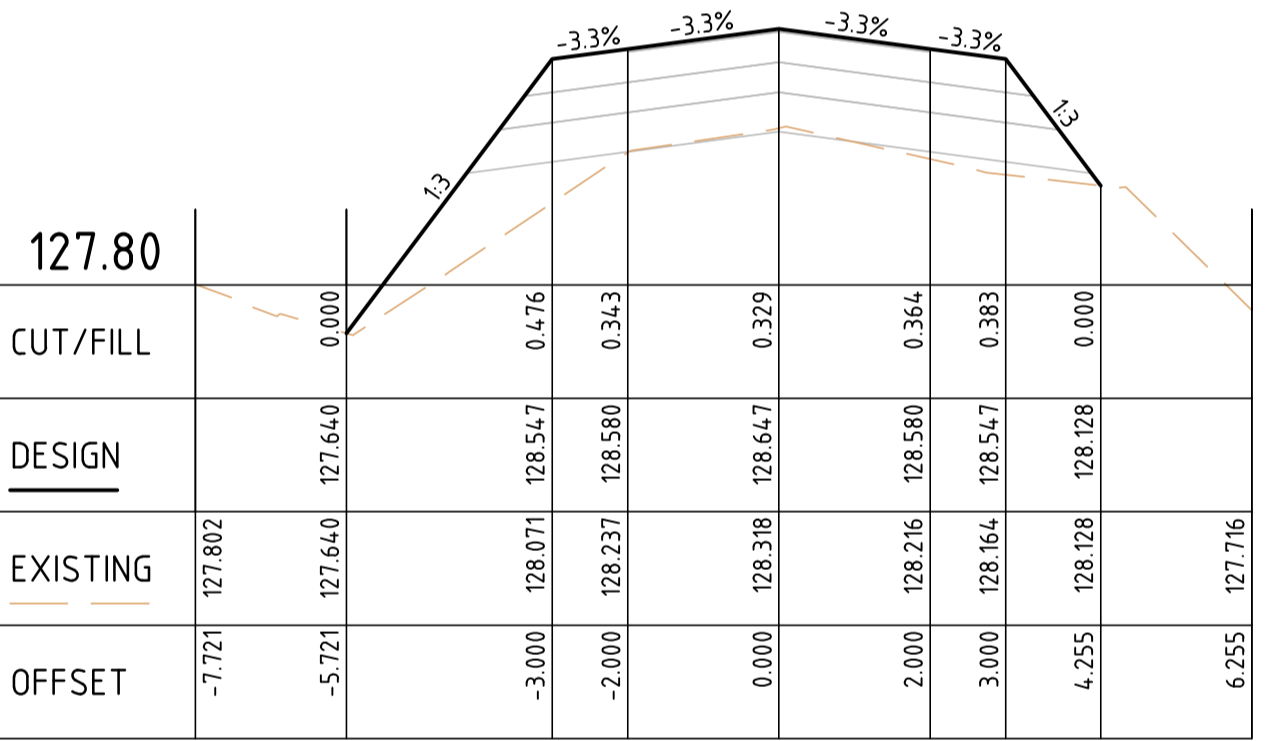
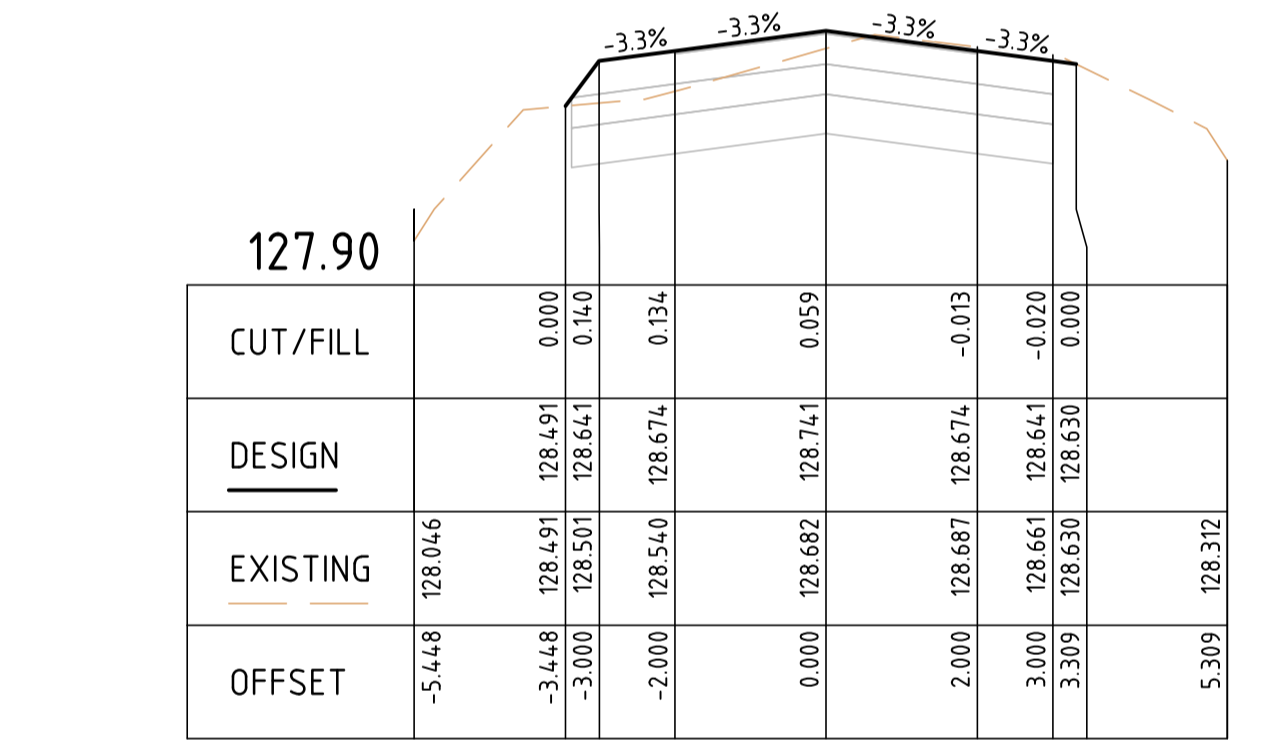
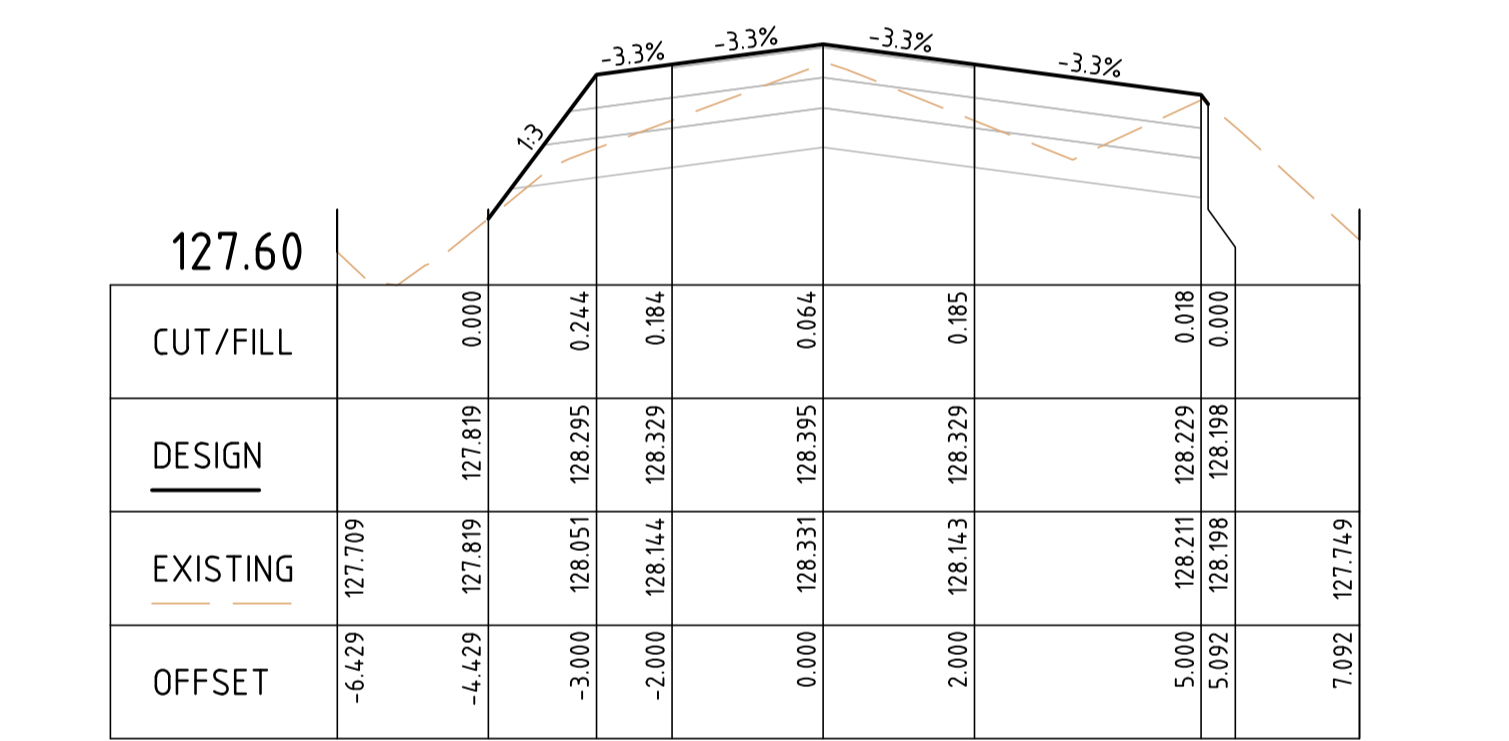
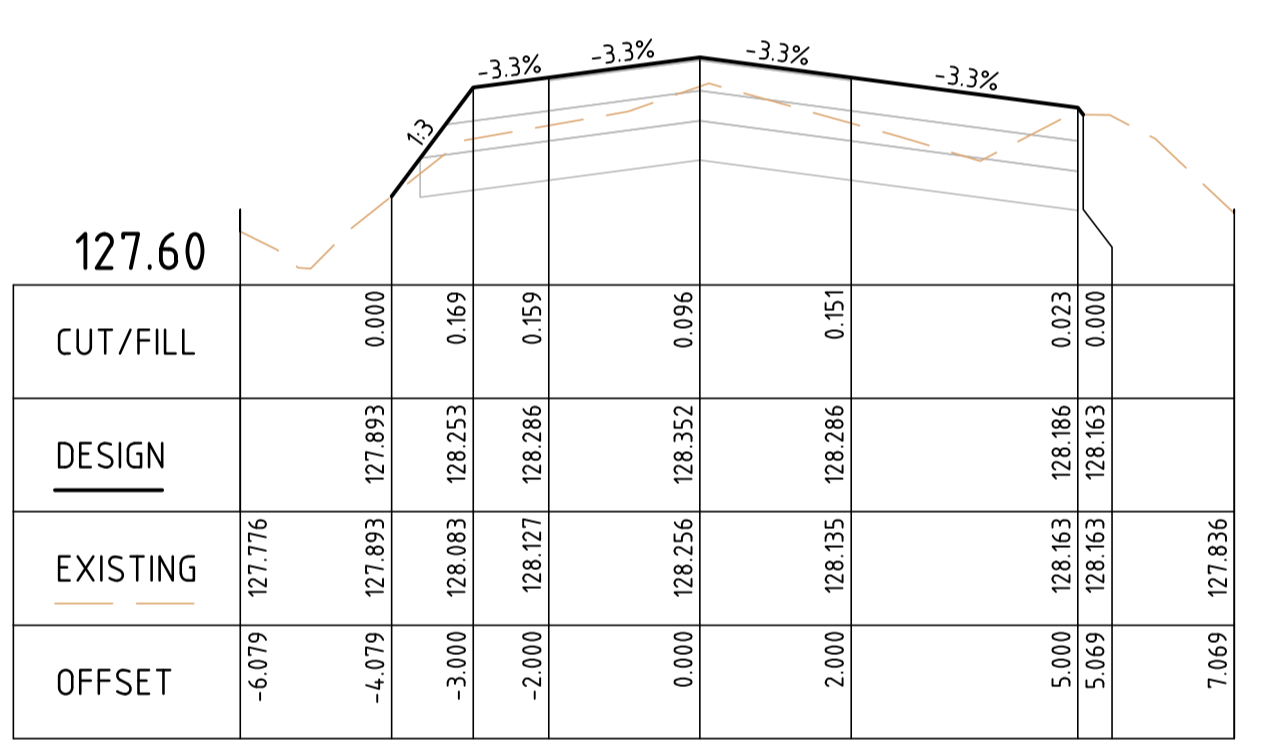
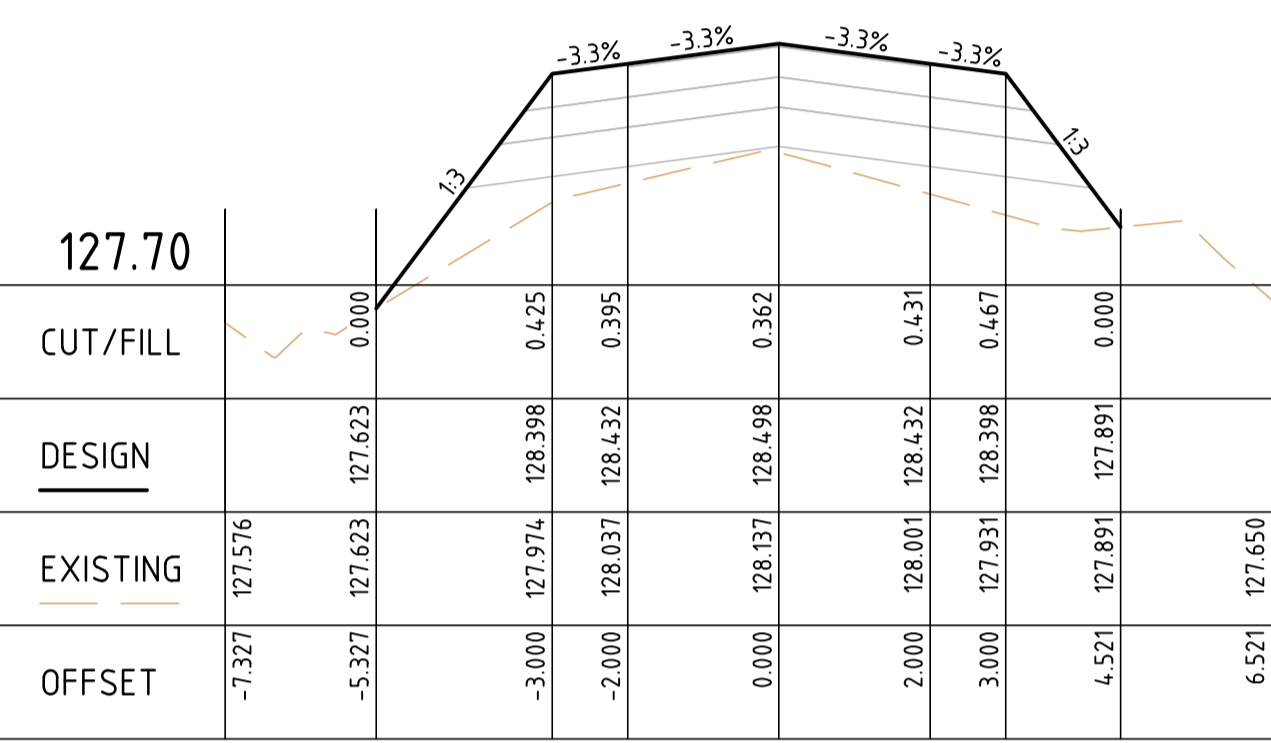
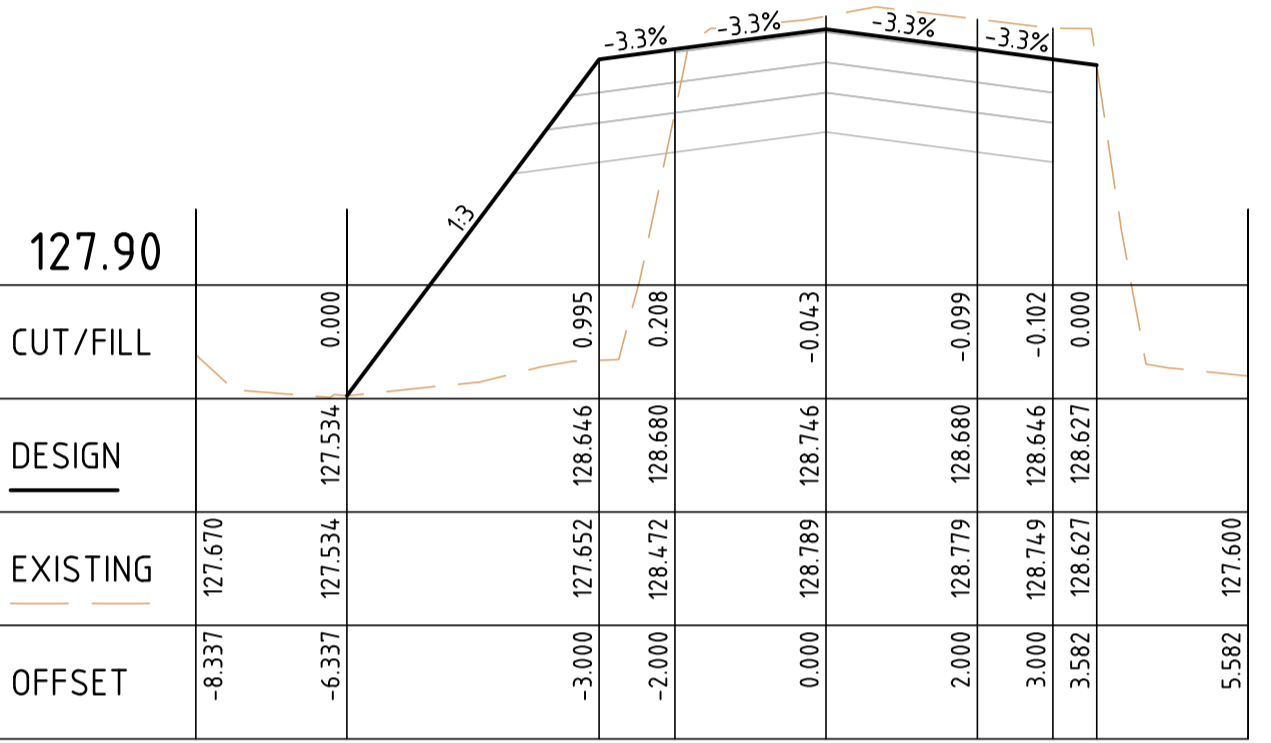
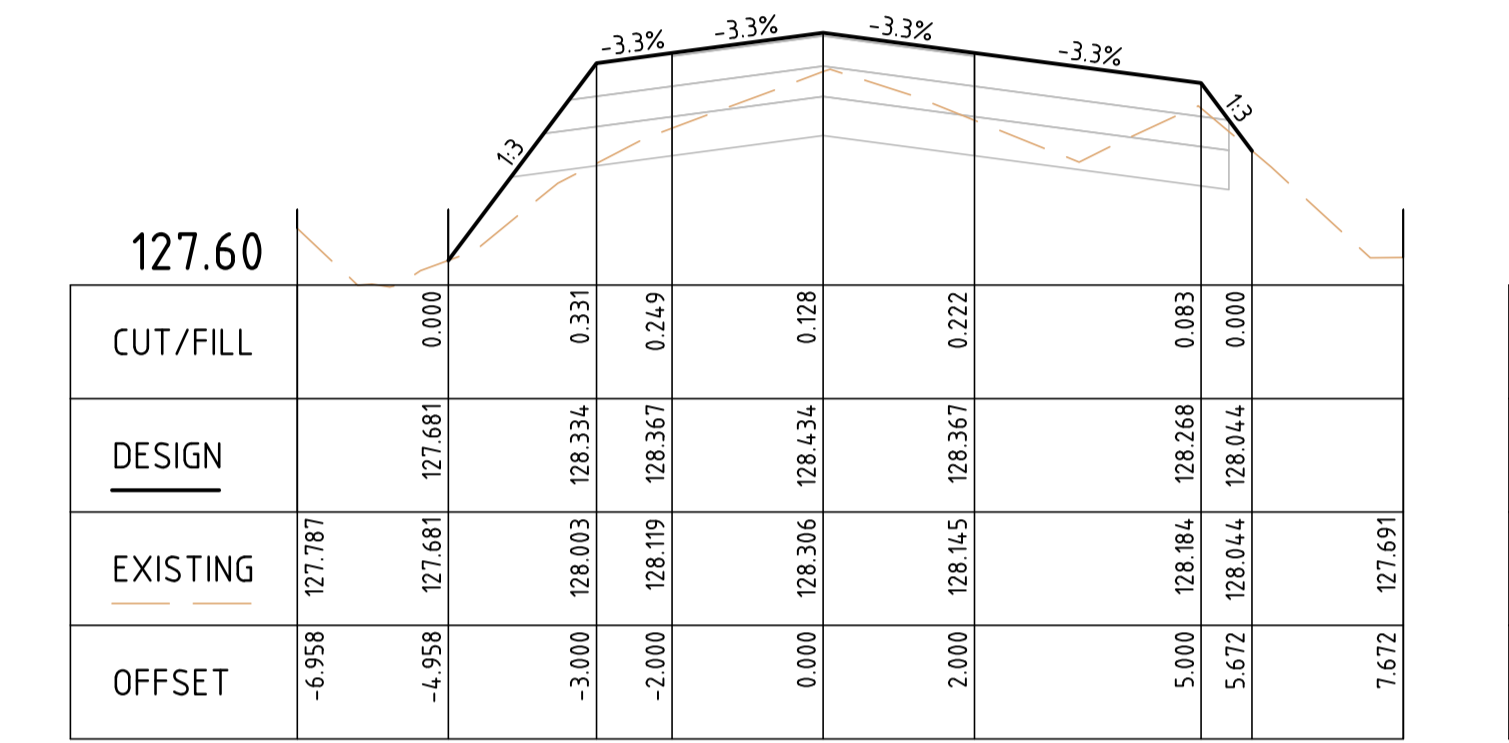
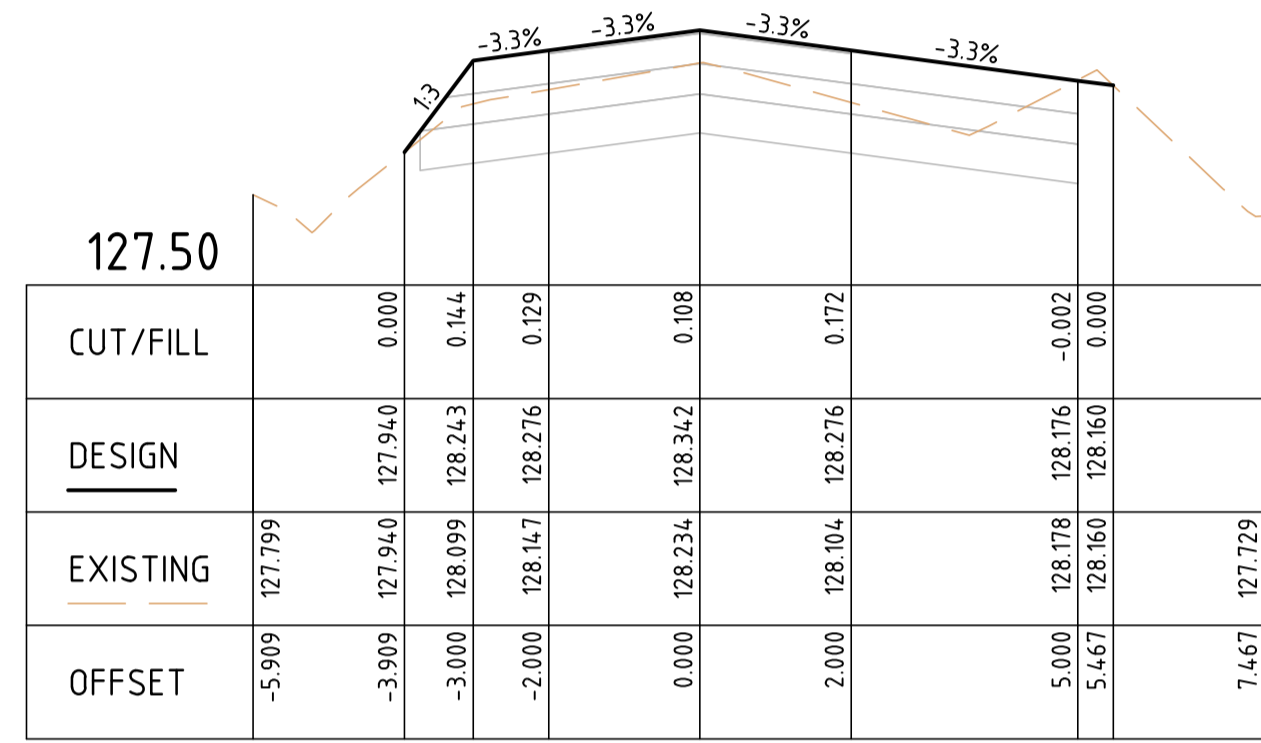
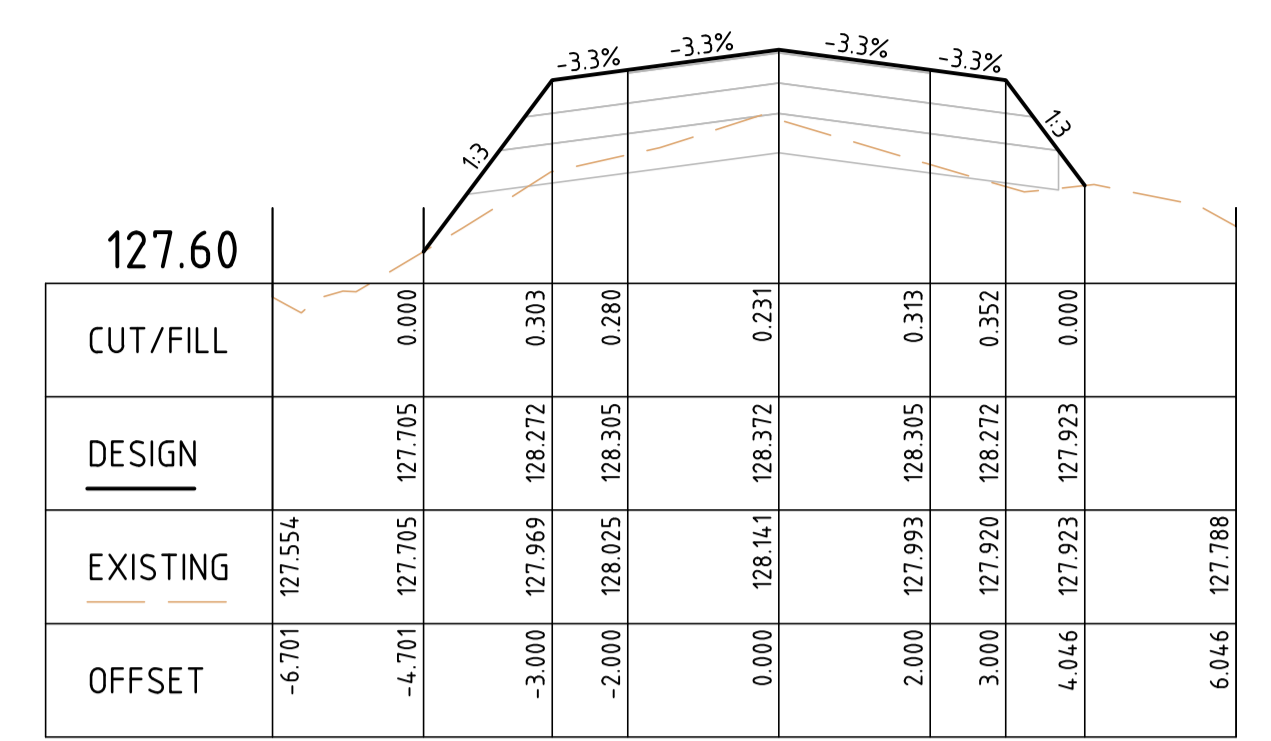
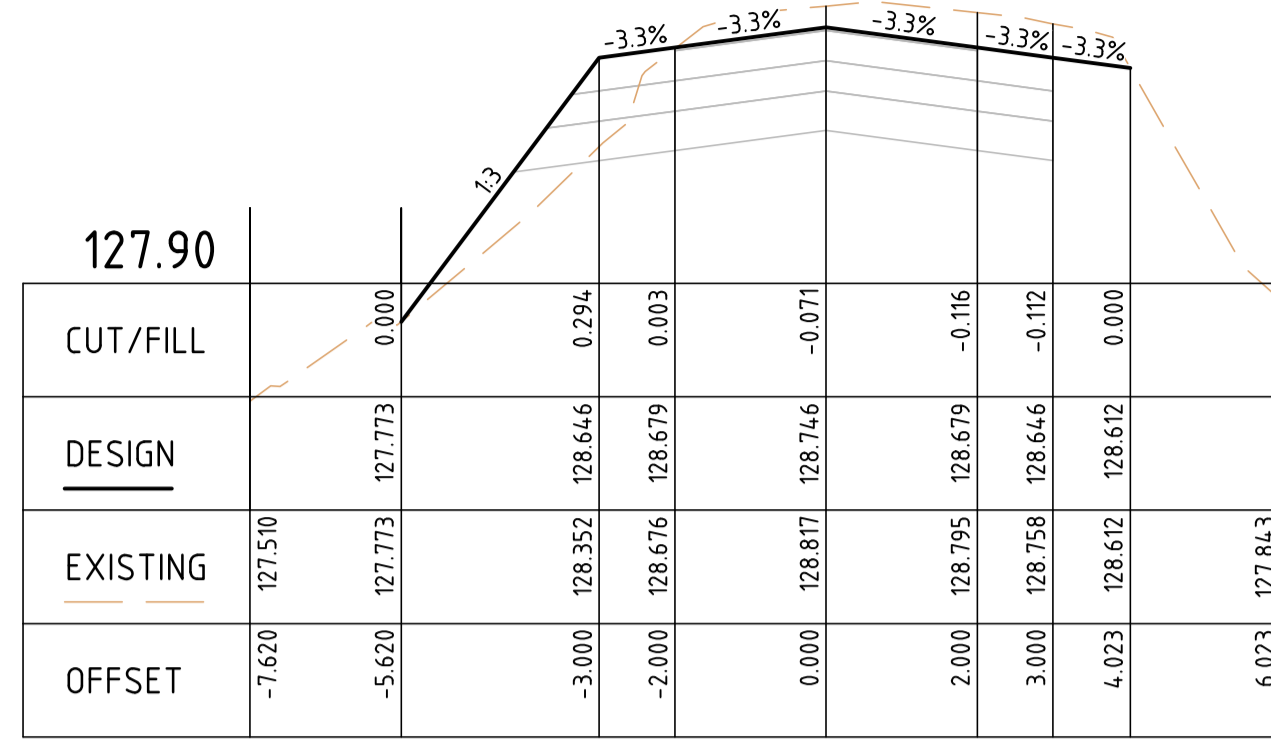
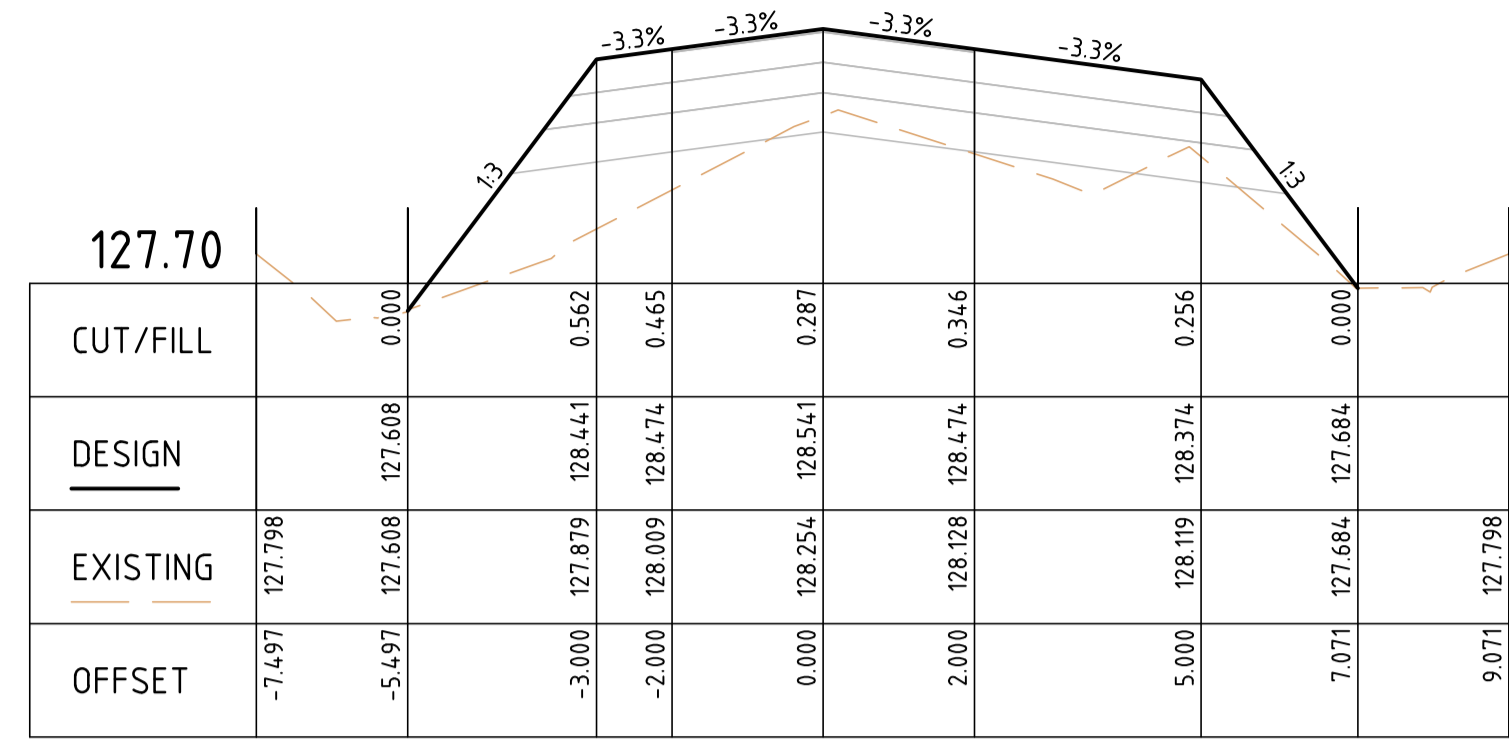
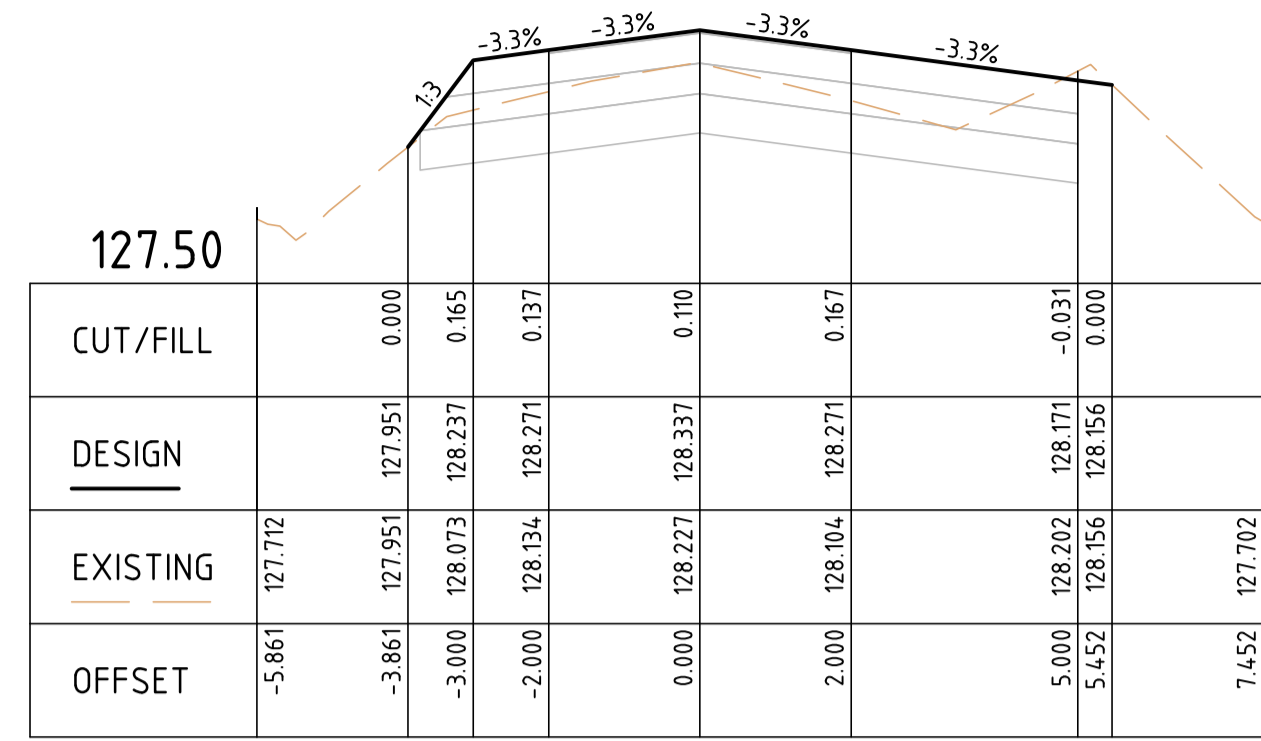
NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m



CONSTRUCTION



| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: - | | Cad File: 3697 C39 ROAD CS.DWG | |
| Property: - | | Scale: SCALE AS SHOWN | |
| Title: ROAD CROSS SECTIONS | | Drawing No: 3697 / C41 | Sheet: 41 of 56 |
| | | Issue: G | |



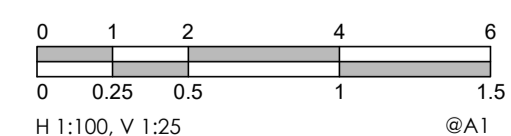
WEIR ROAD CROSS SECTIONS

SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

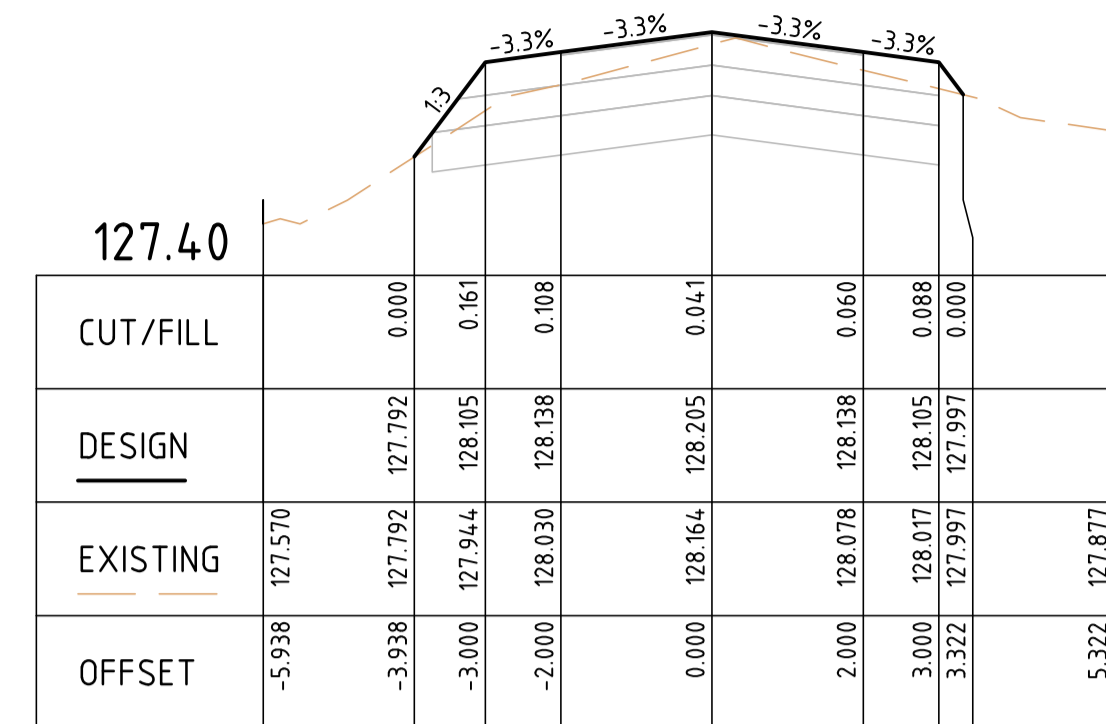
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

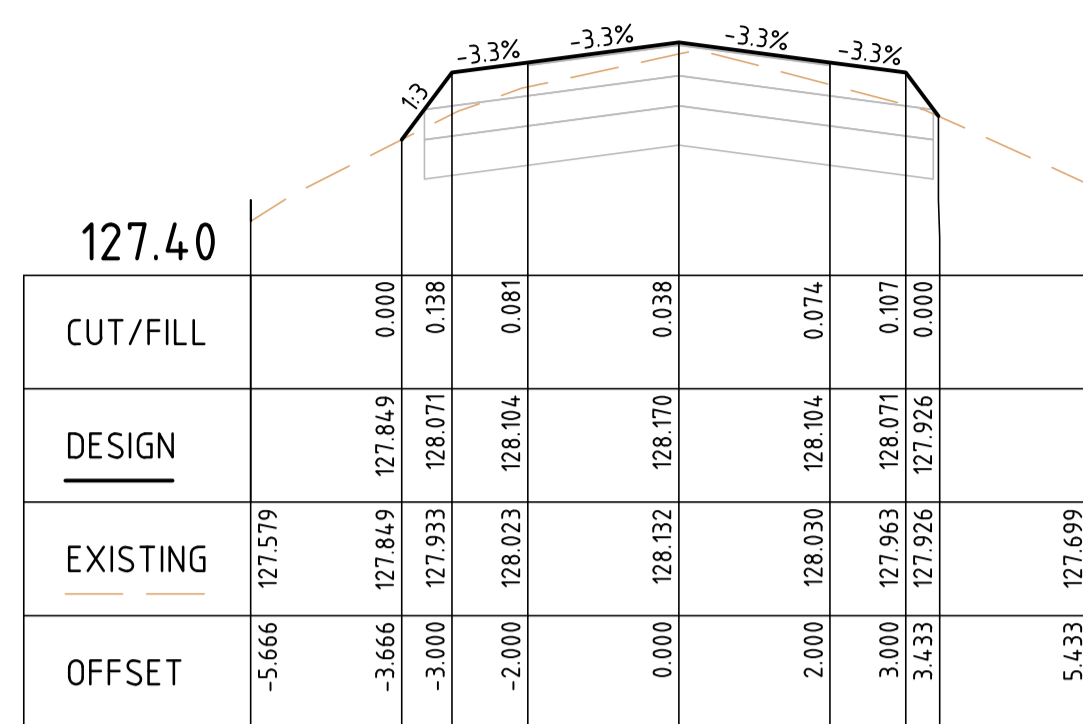


abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

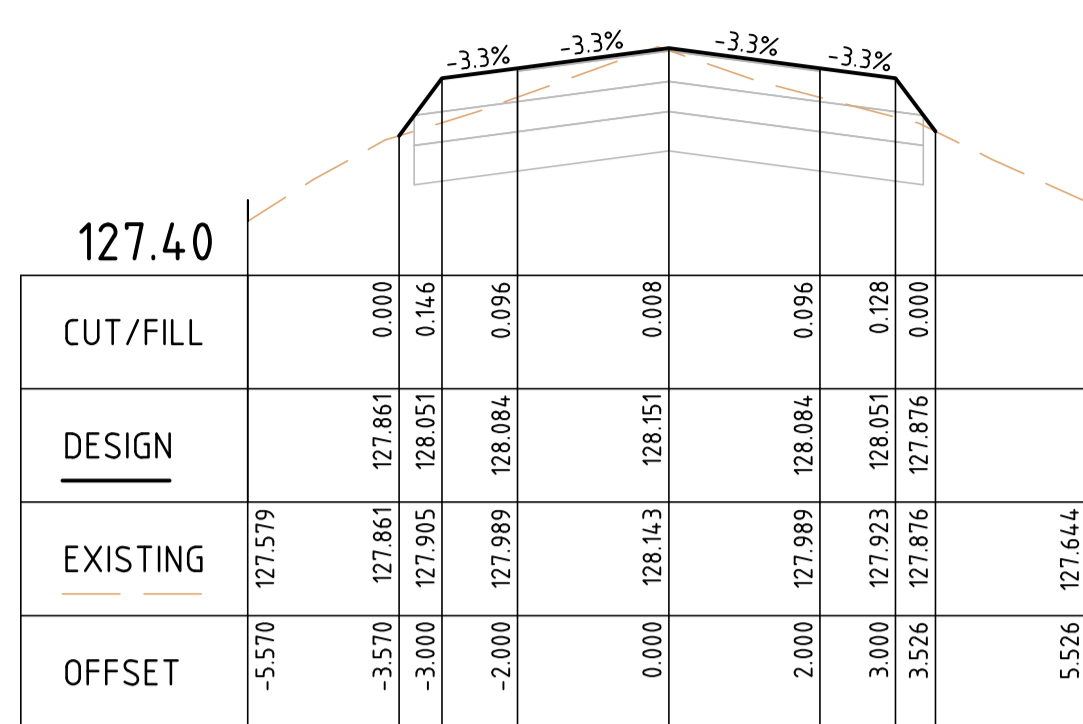
| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: | | Cad File: 3697 C39 ROAD CS.DWG | |
| Property: | | Scale: SCALE AS SHOWN | |
| Title: ROAD CROSS SECTIONS | | Drawing No: 3697 / C42 | Sheet: 42 of 56 |
| | | Issue: | G |



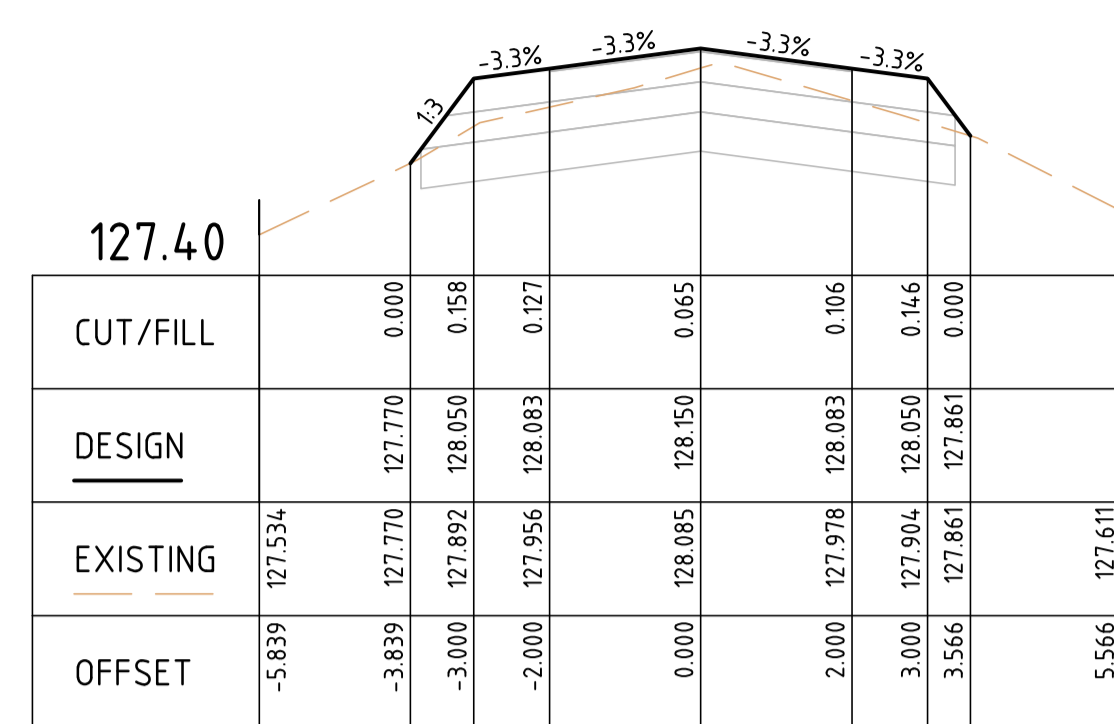
CH 580.00



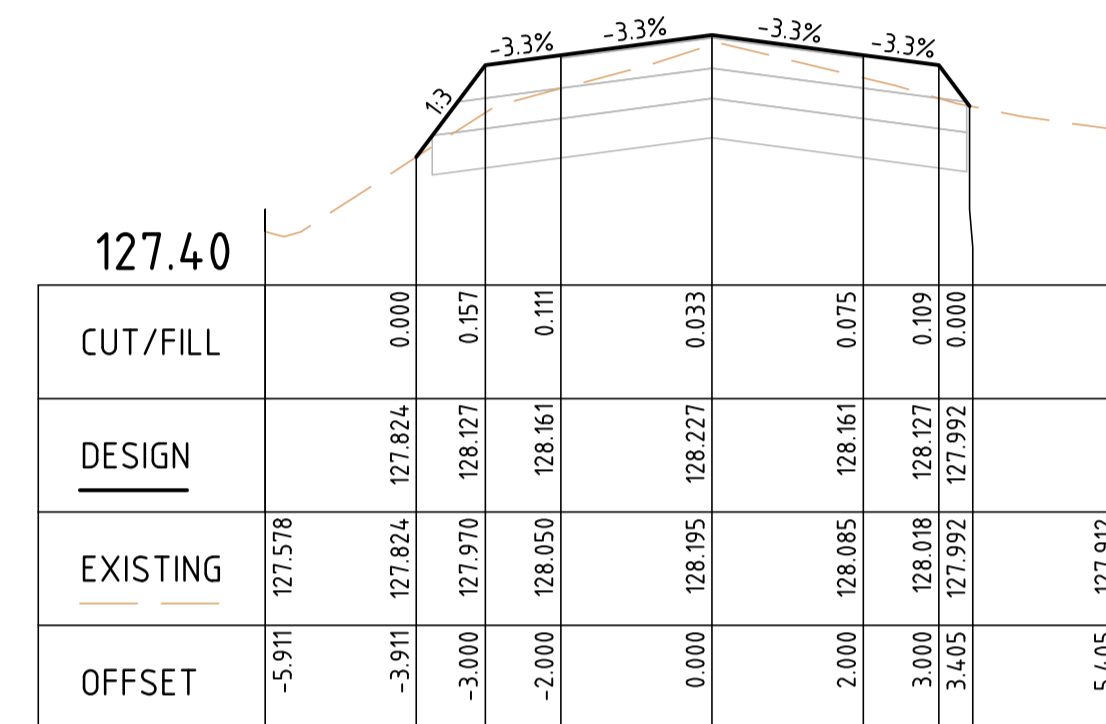
CH 620.00



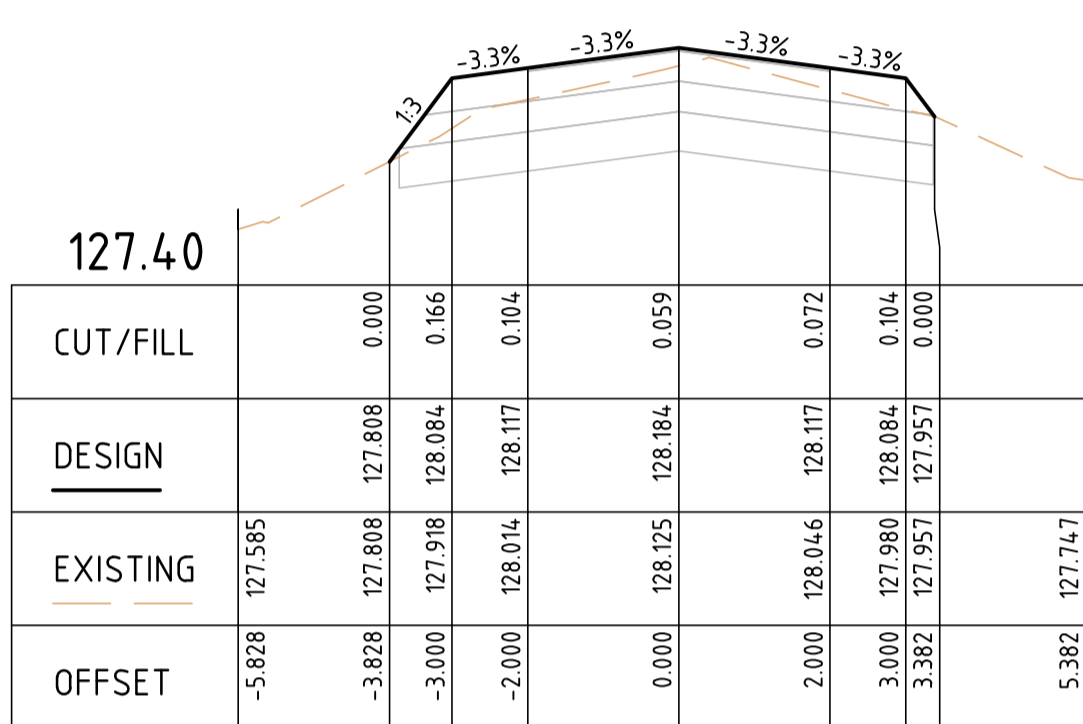
CH 666.20



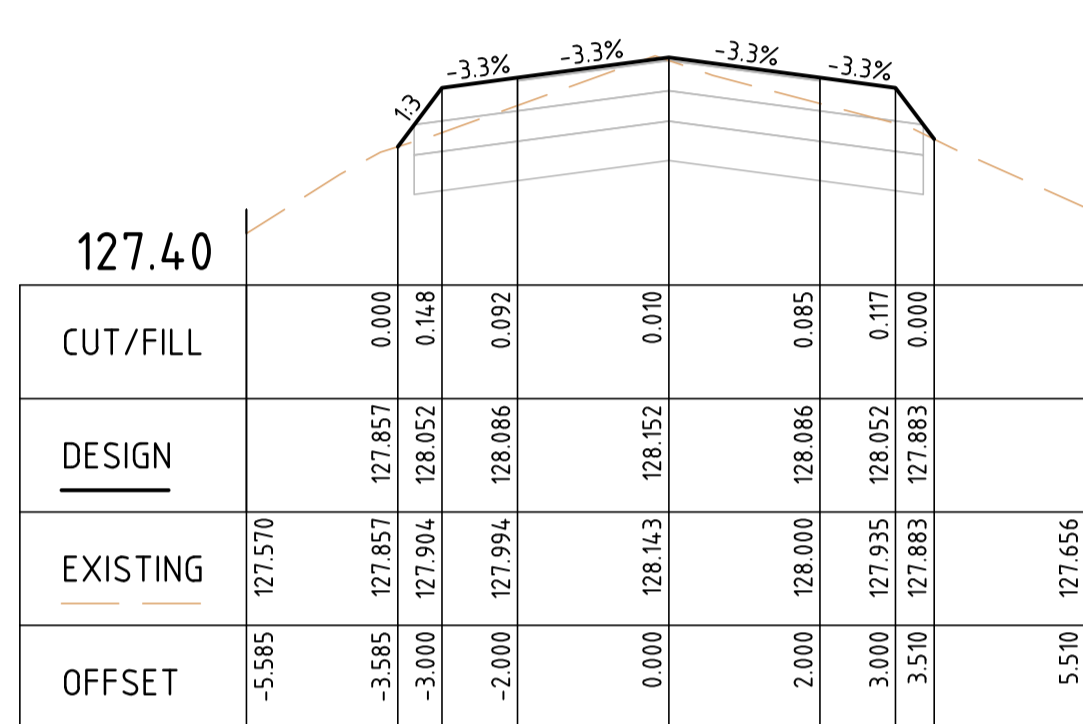
CH 740.00



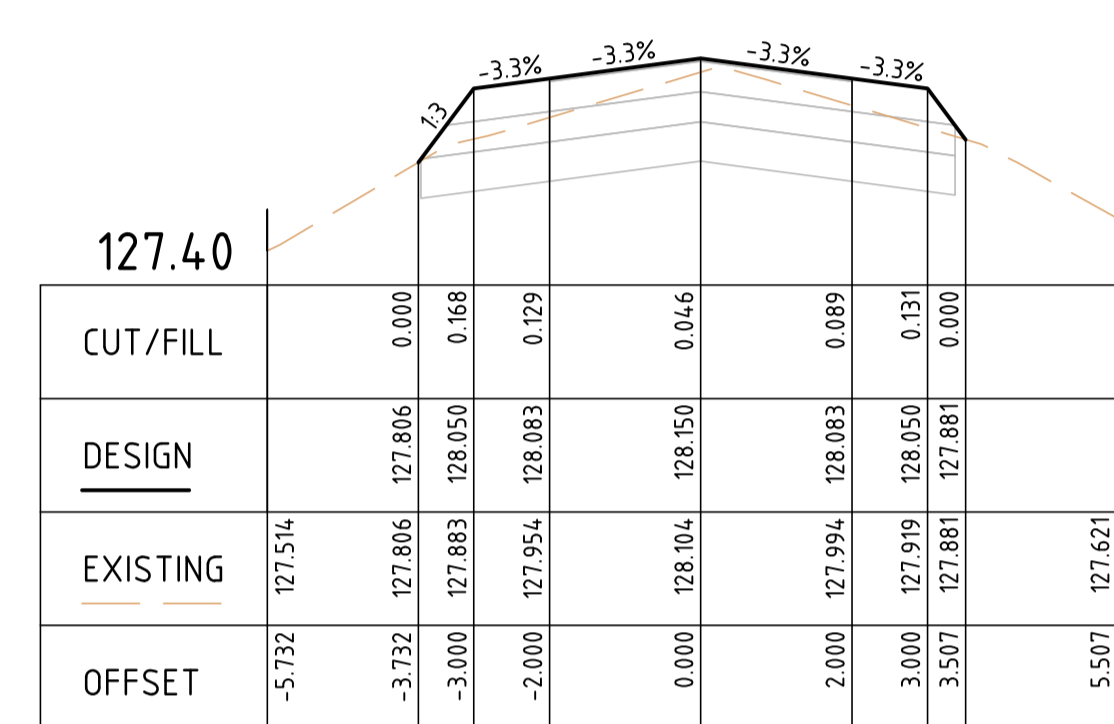
CH 560.00



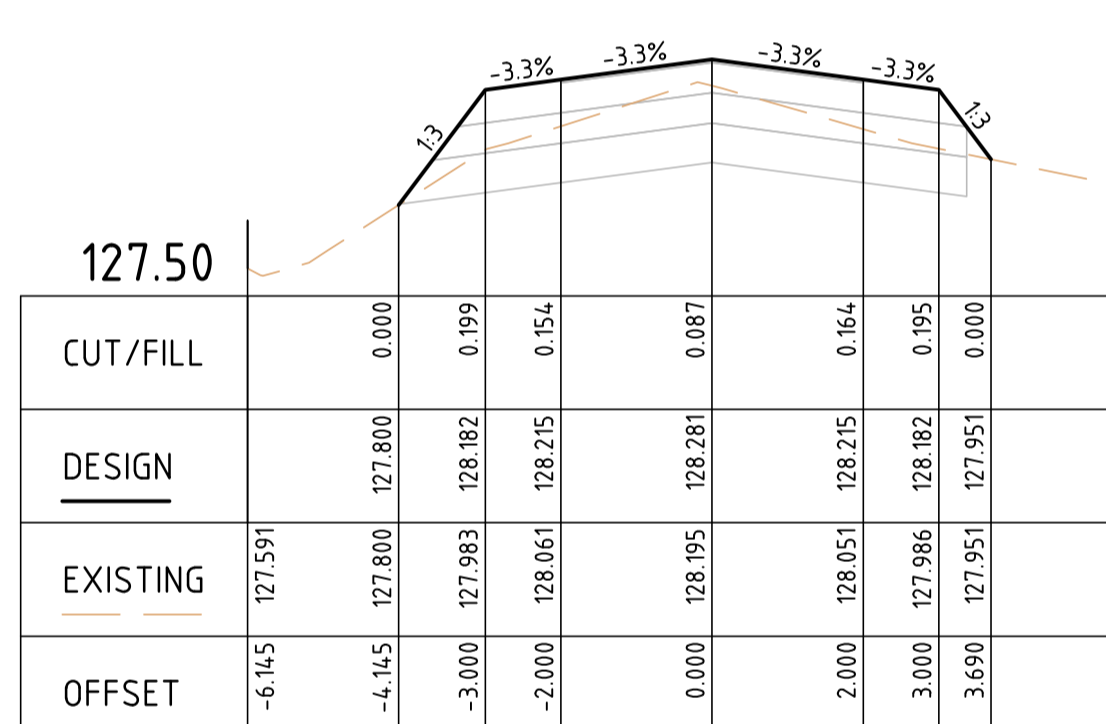
CH 602.63



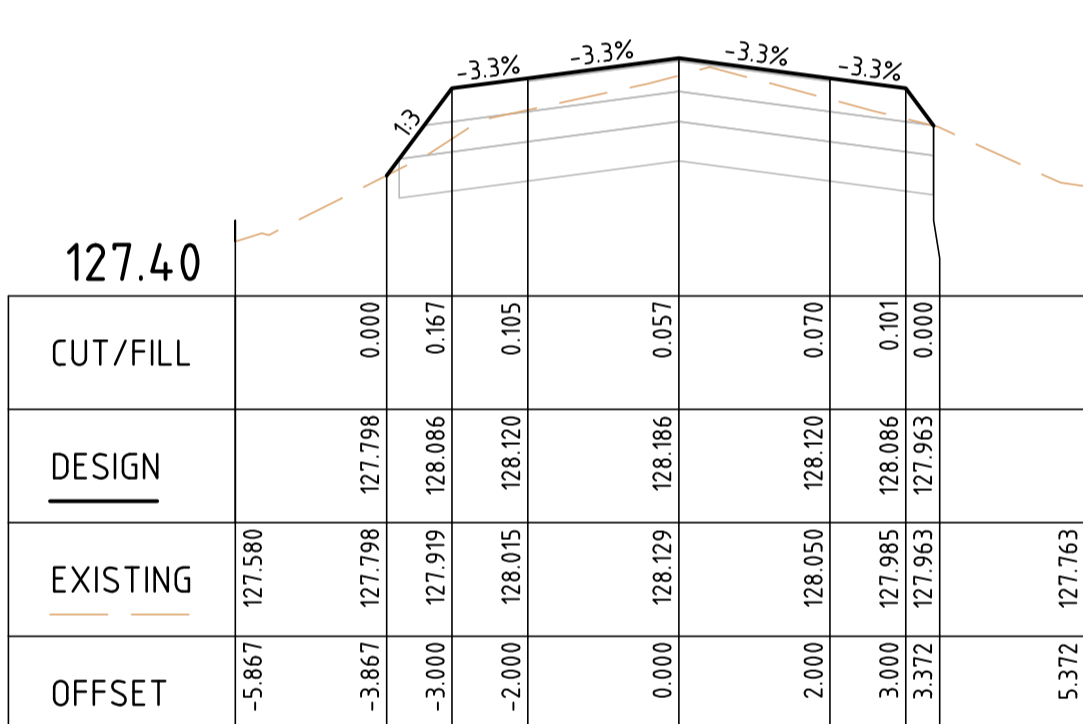
CH 660.00



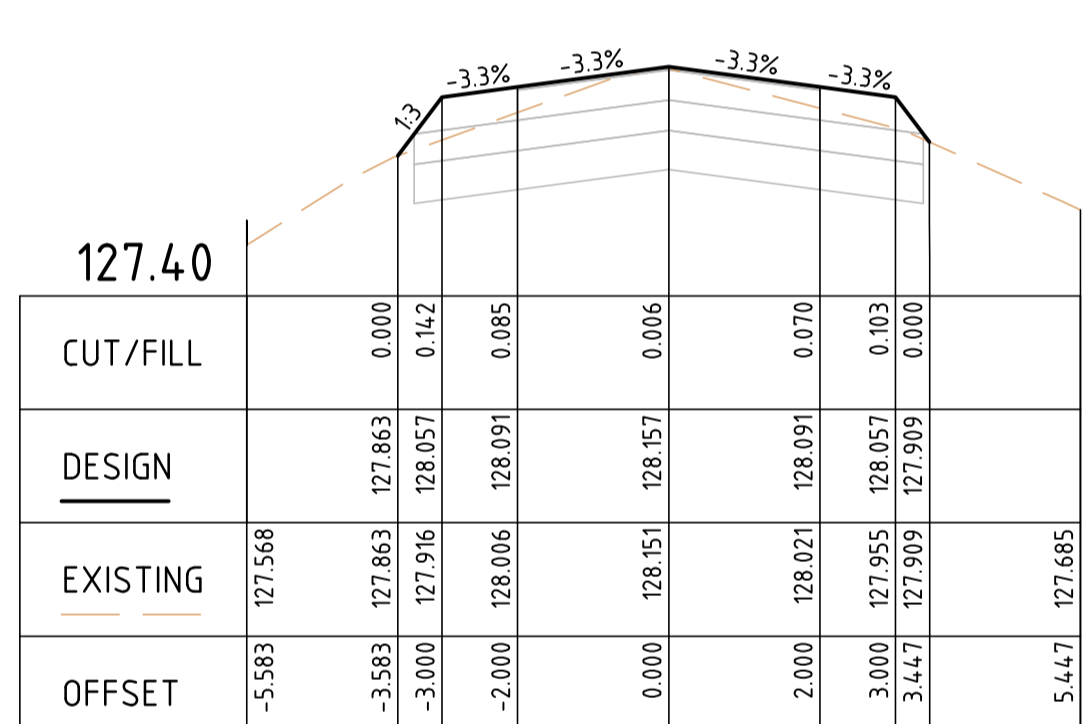
CH 720.00



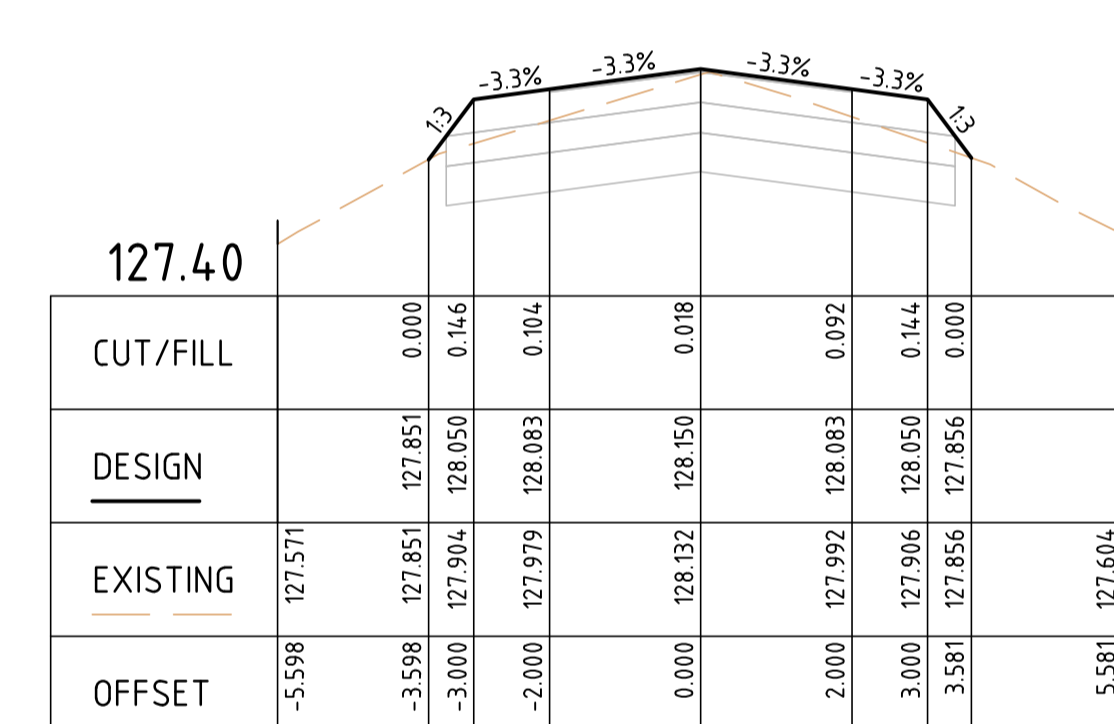
CH 540.00



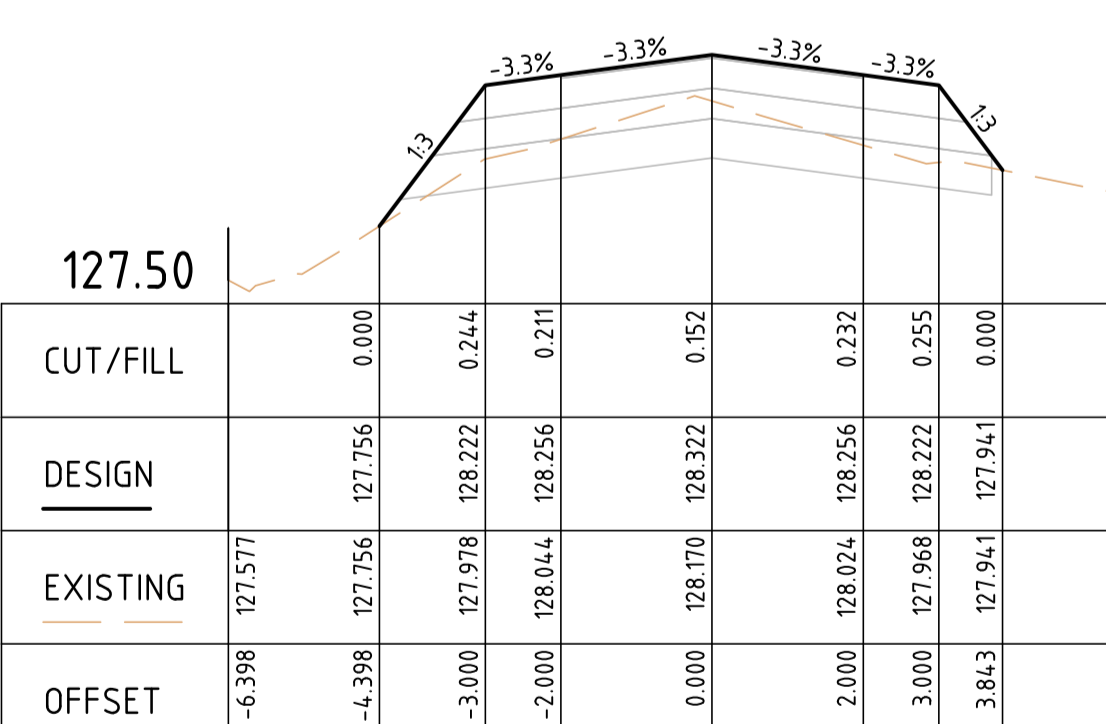
CH 600.00



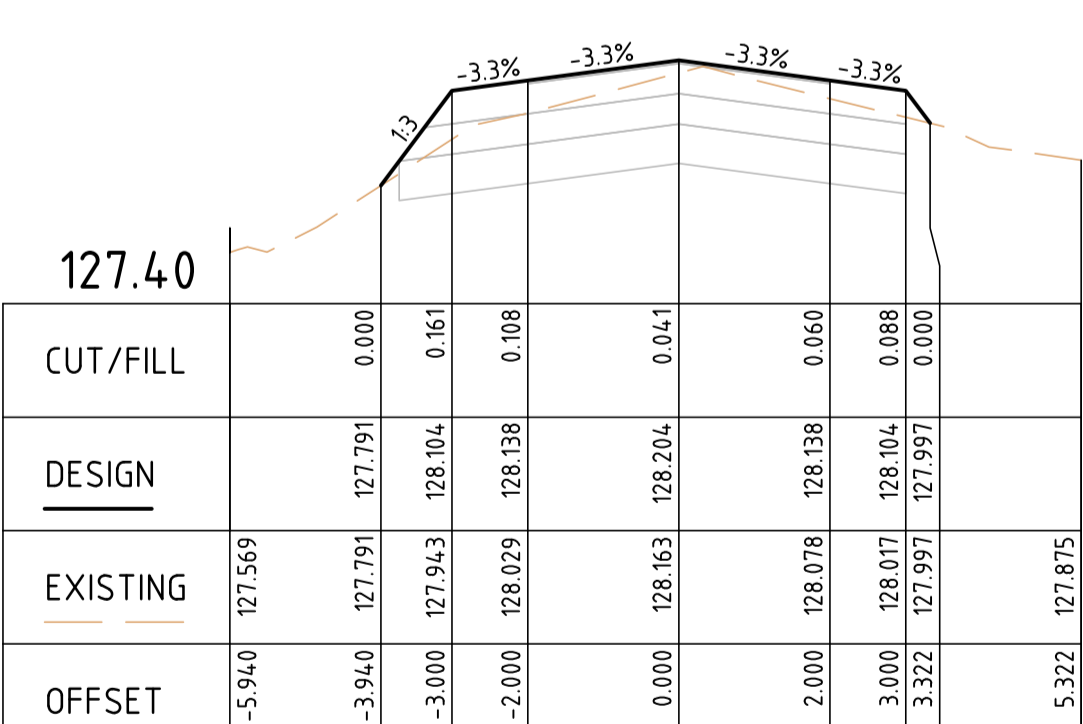
CH 643.98



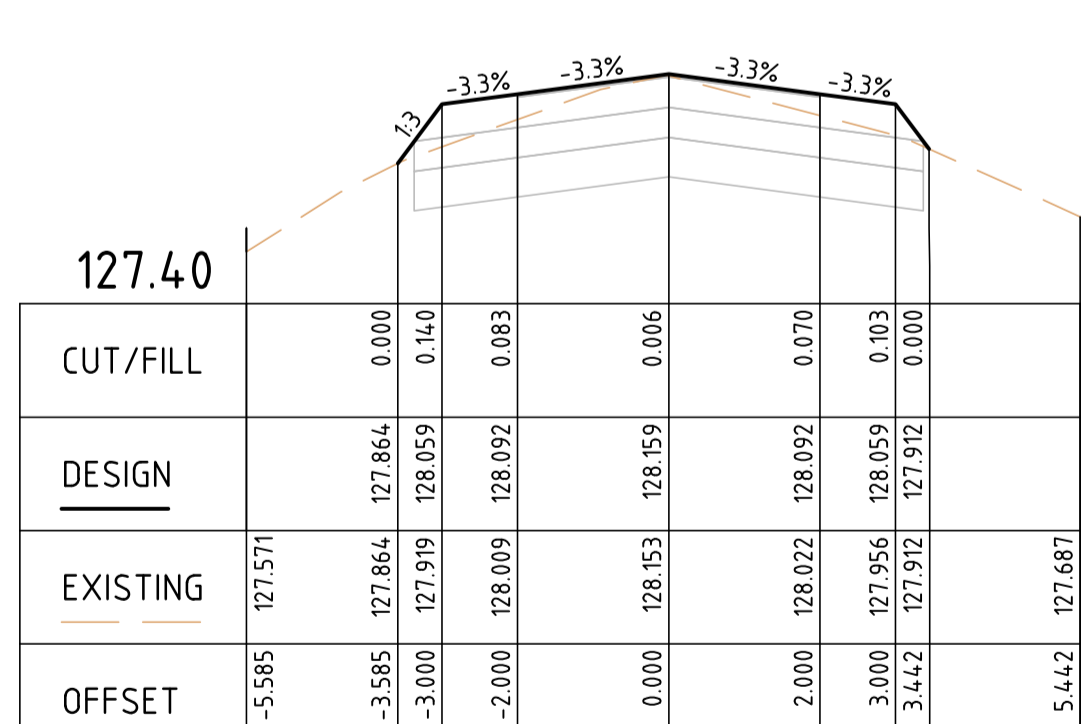
CH 700.00



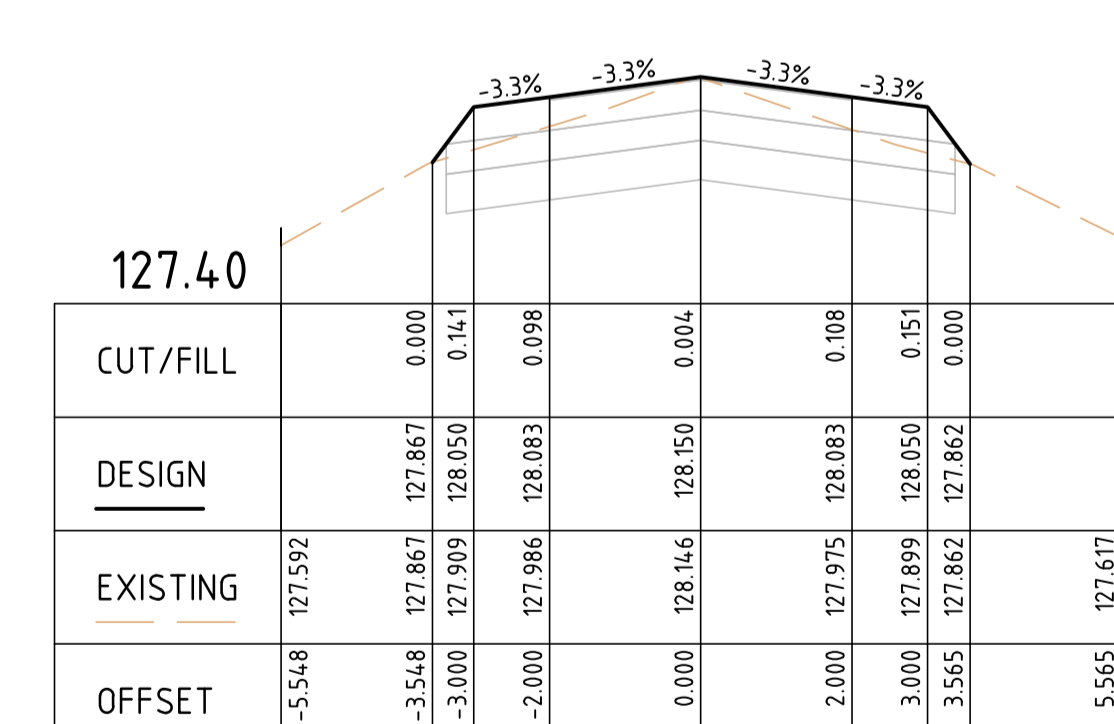
CH 530.00



CH 580.41



CH 640.00



CH 680.00

WEIR ROAD CROSS SECTIONS

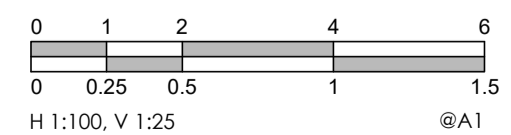
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:02:32 PM 3697 C39 ROAD.CS.DWG

| | | |
|-------|-------------------------|------------|
| ISSUE | DESCRIPTION | DATE |
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

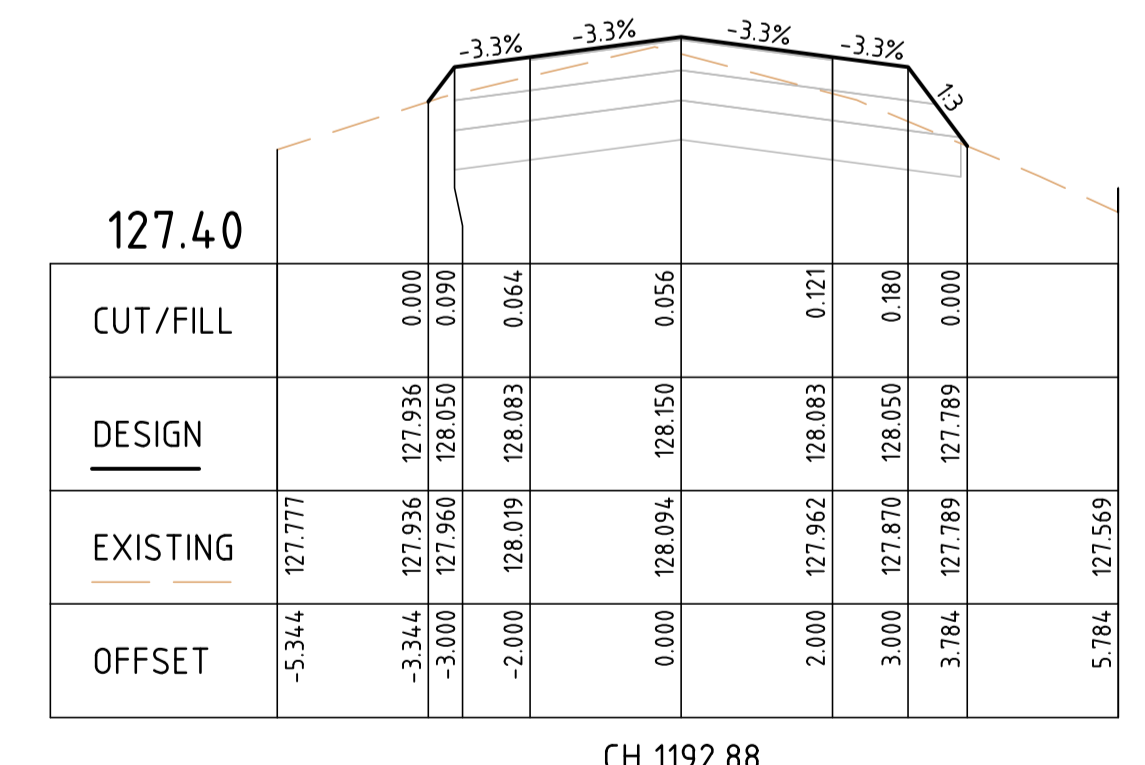
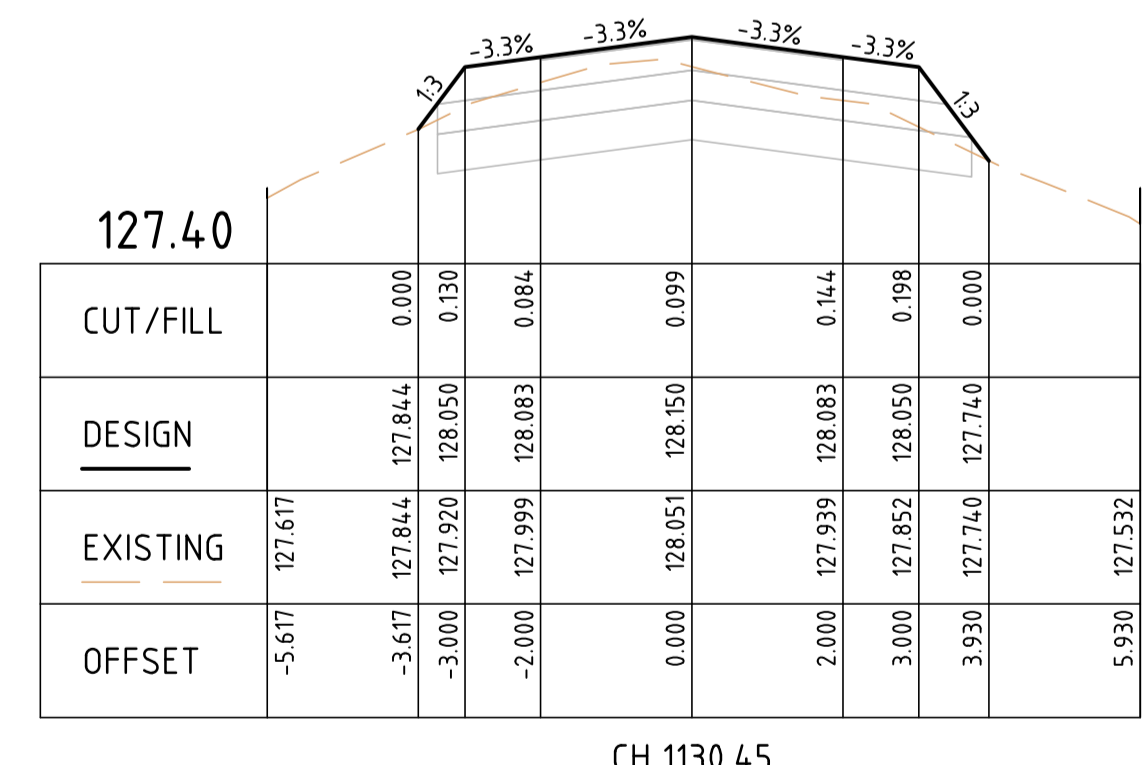
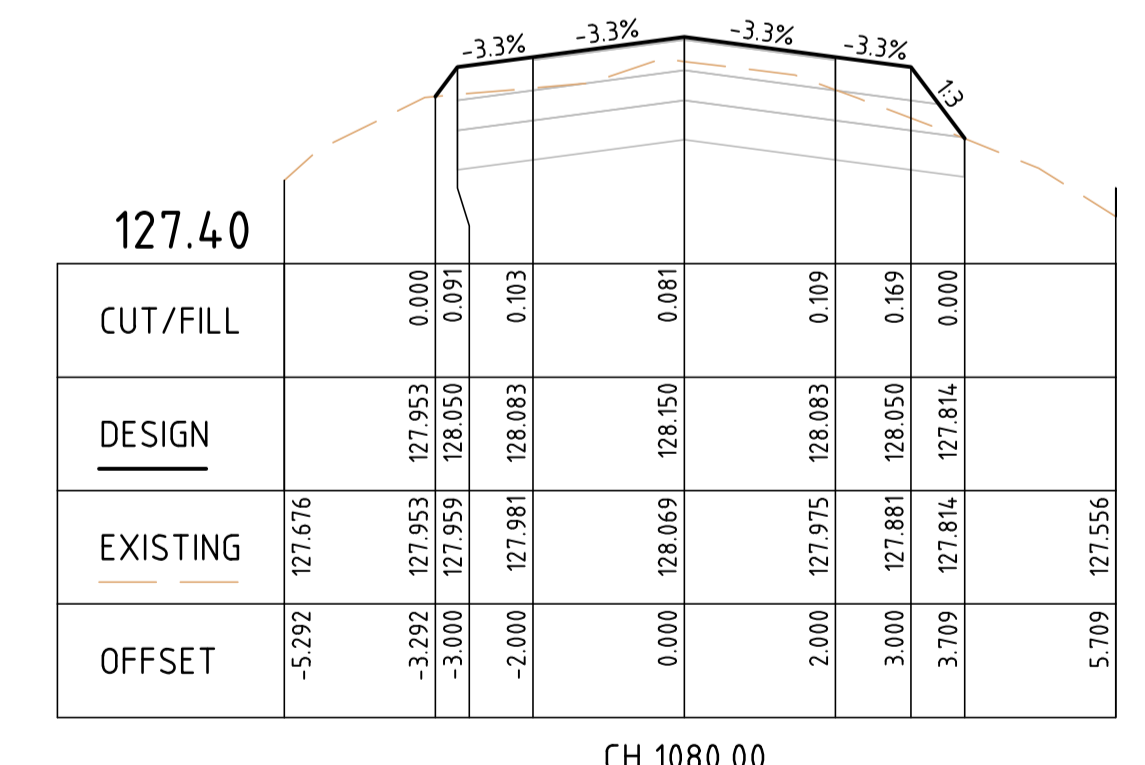
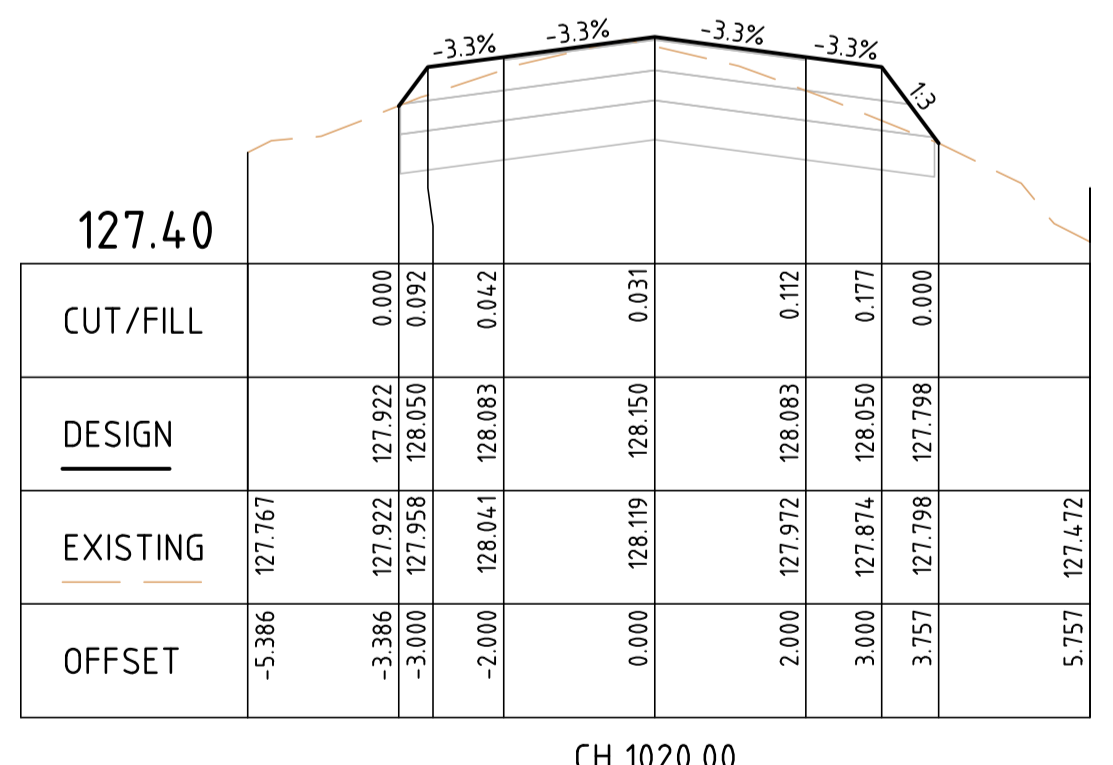
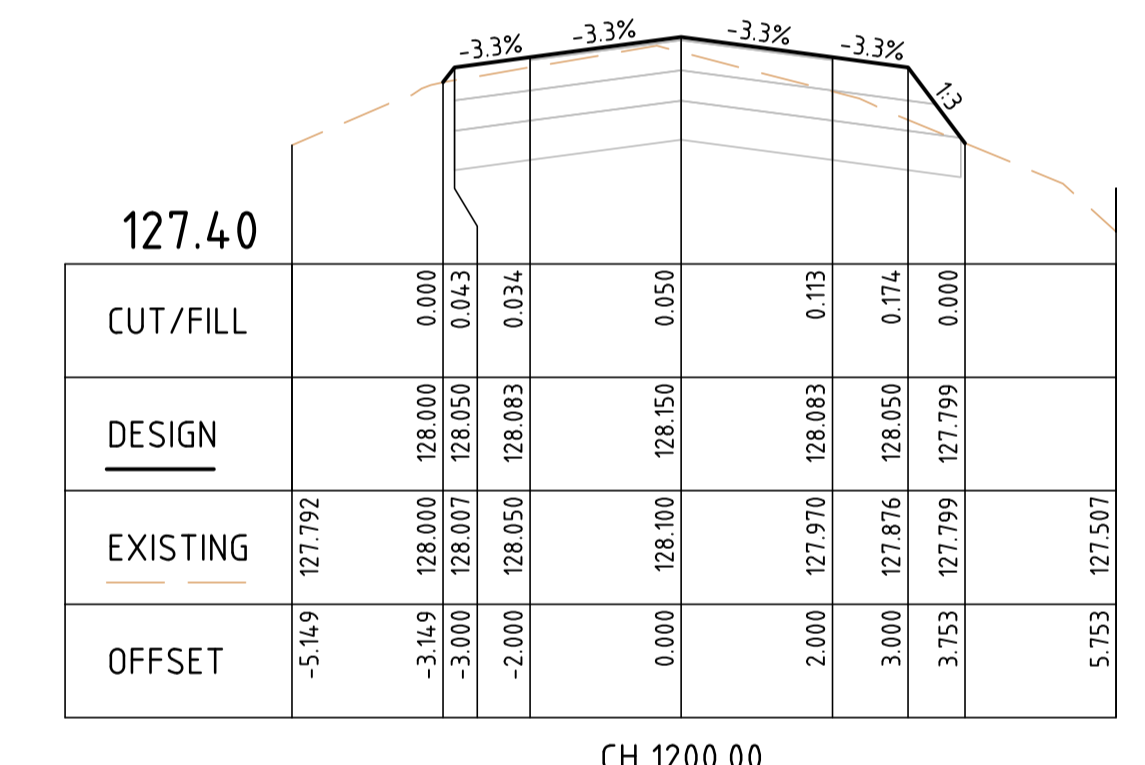
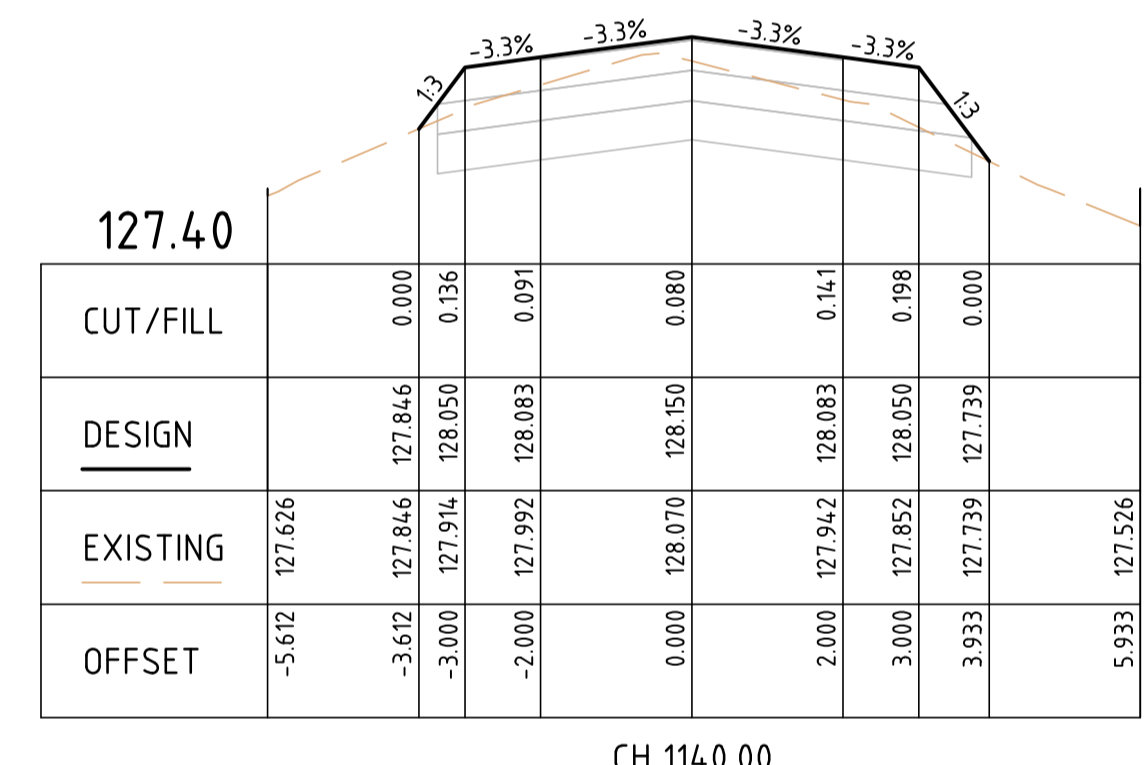
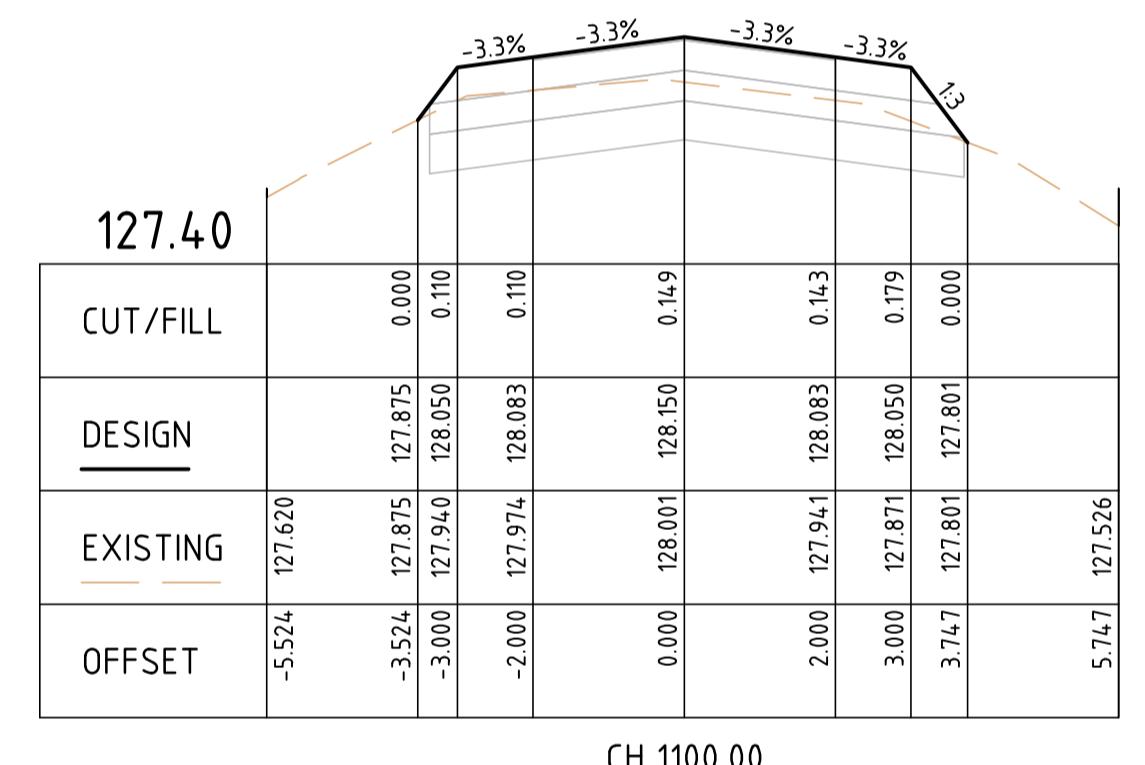
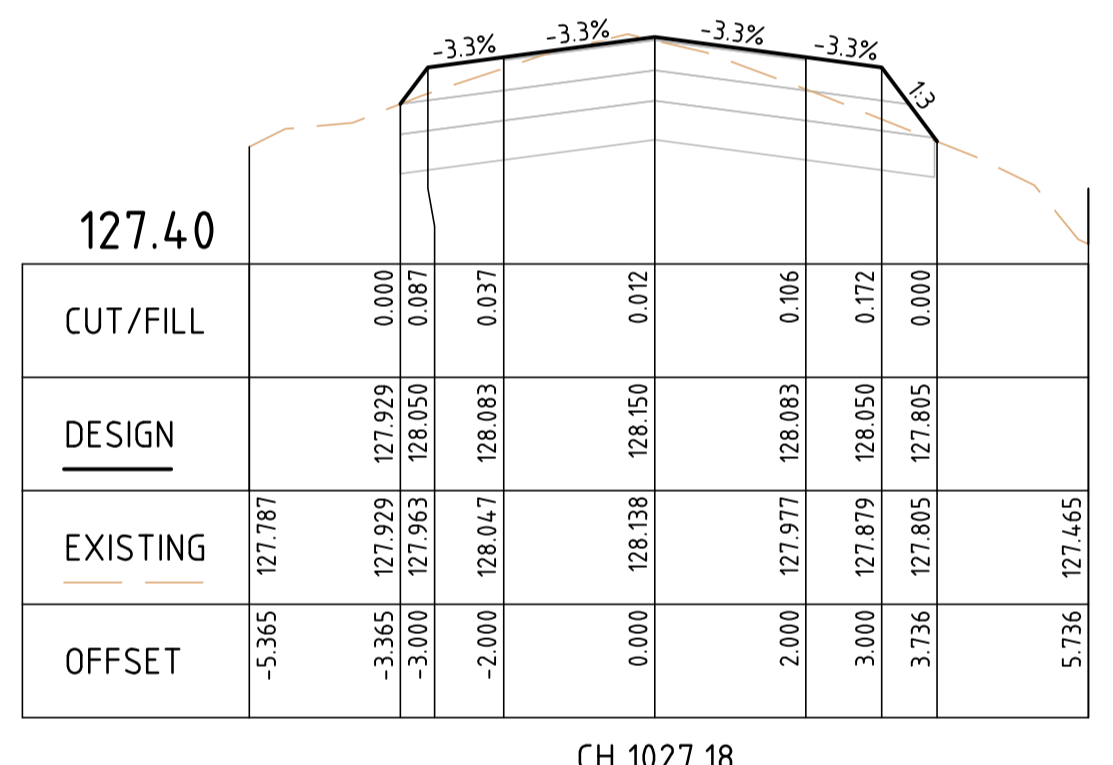
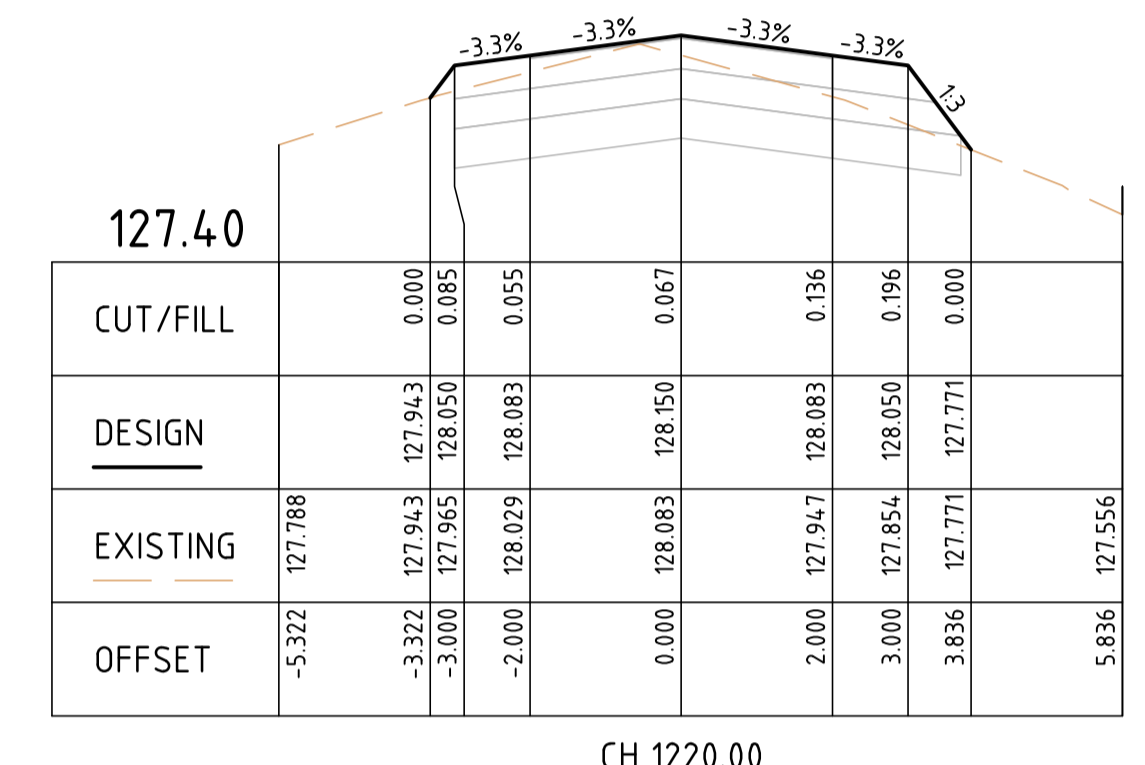
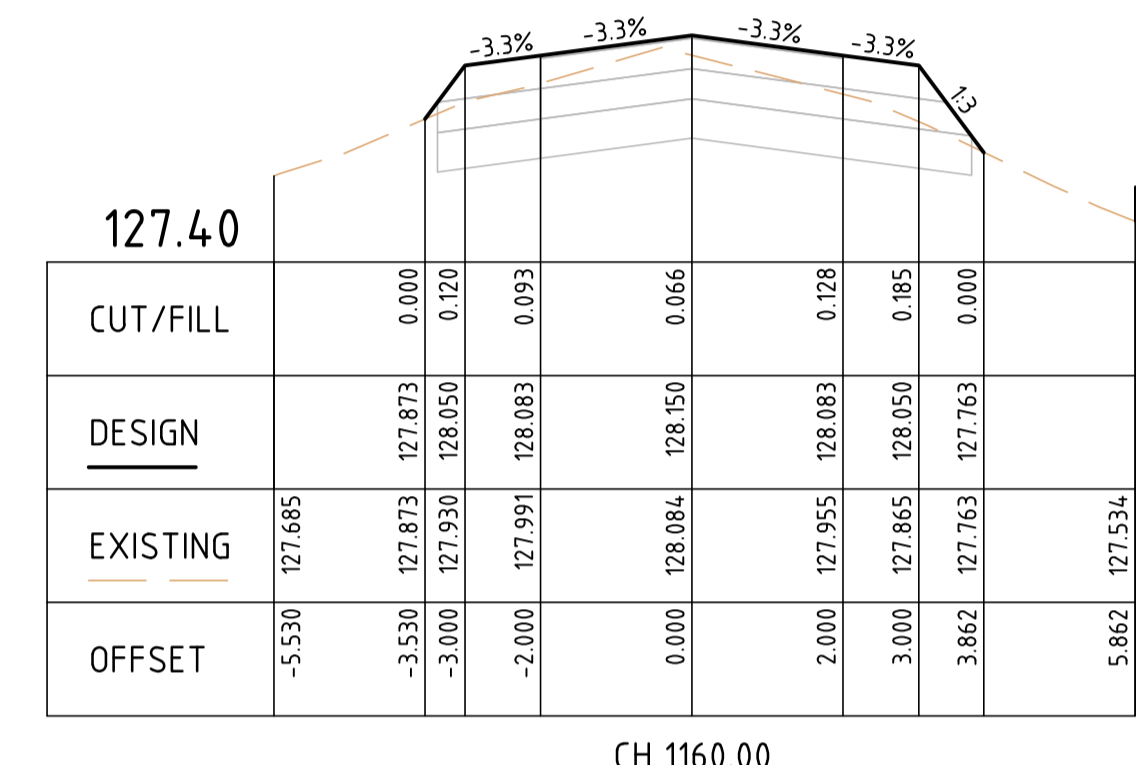
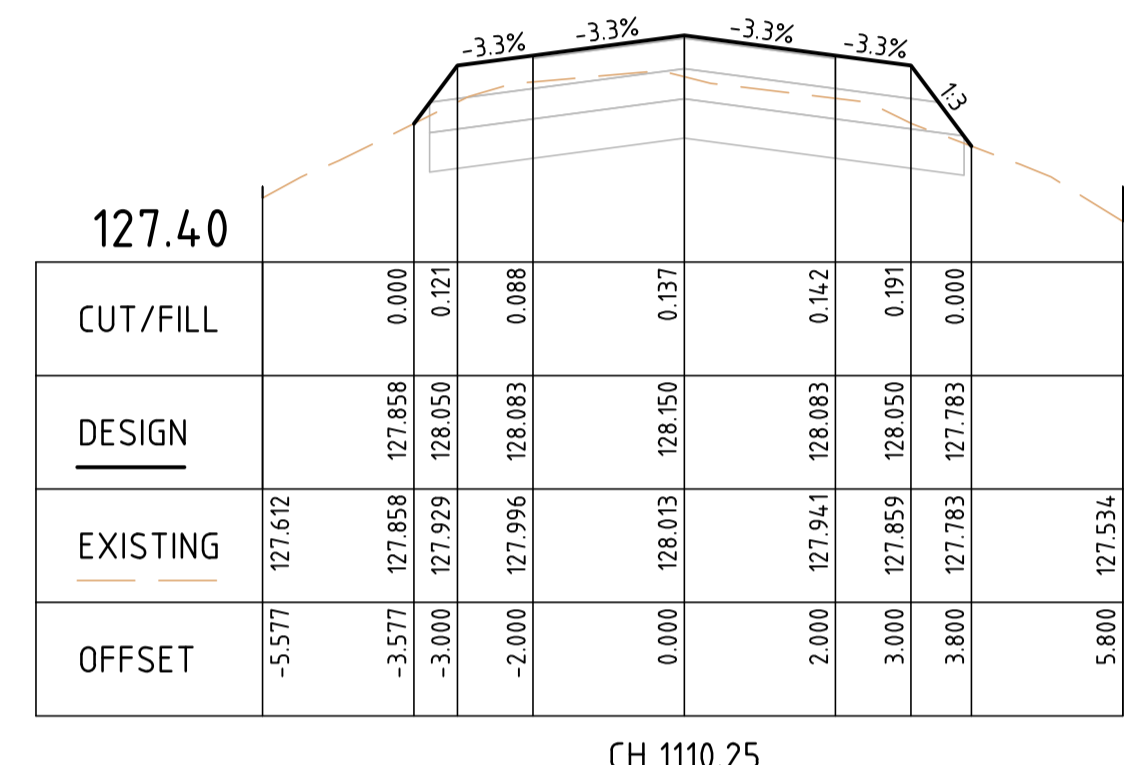
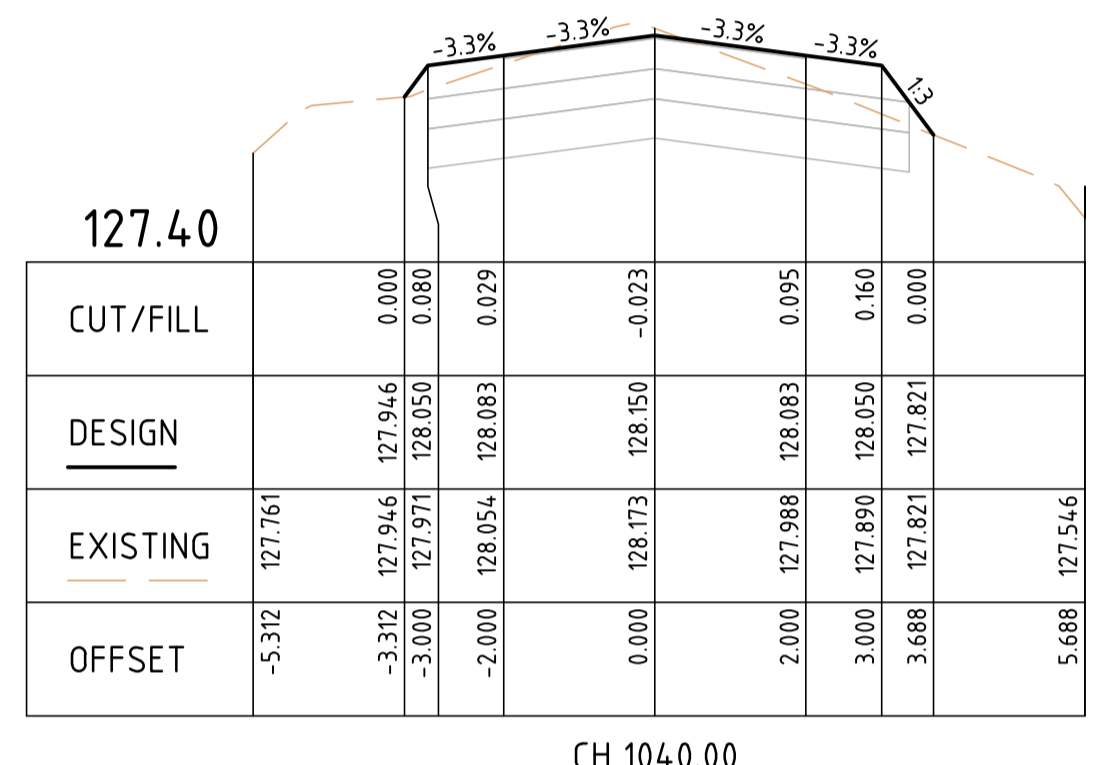
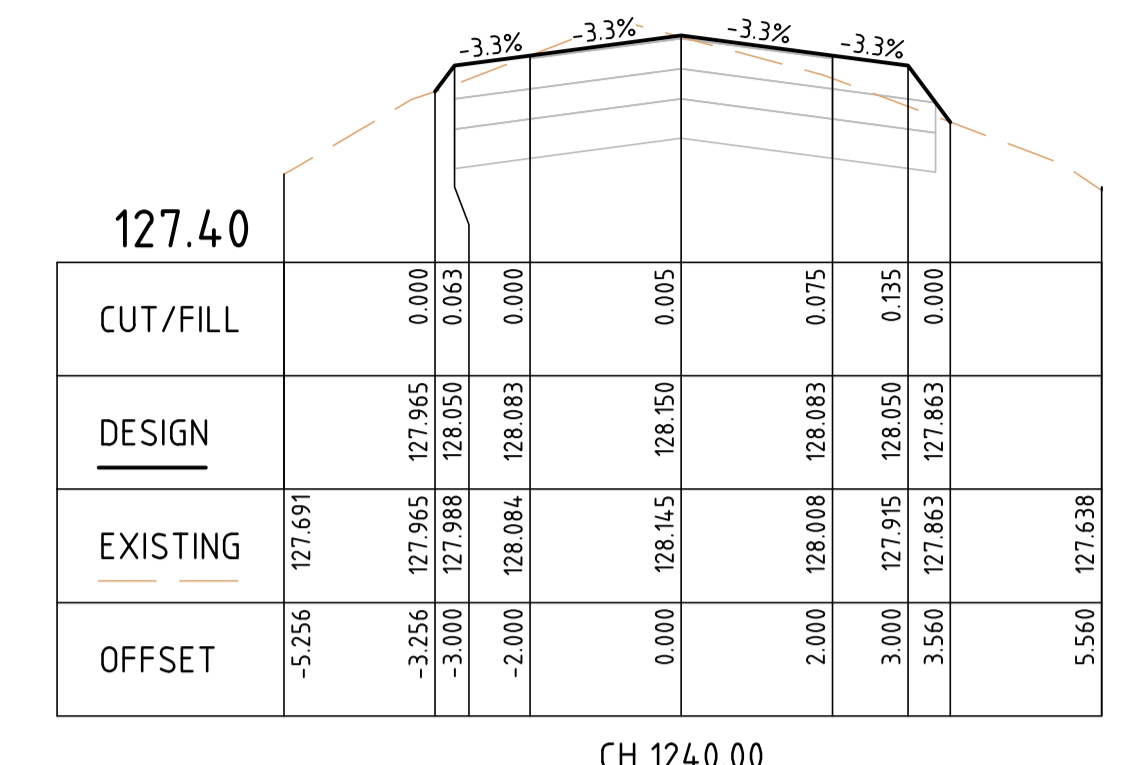
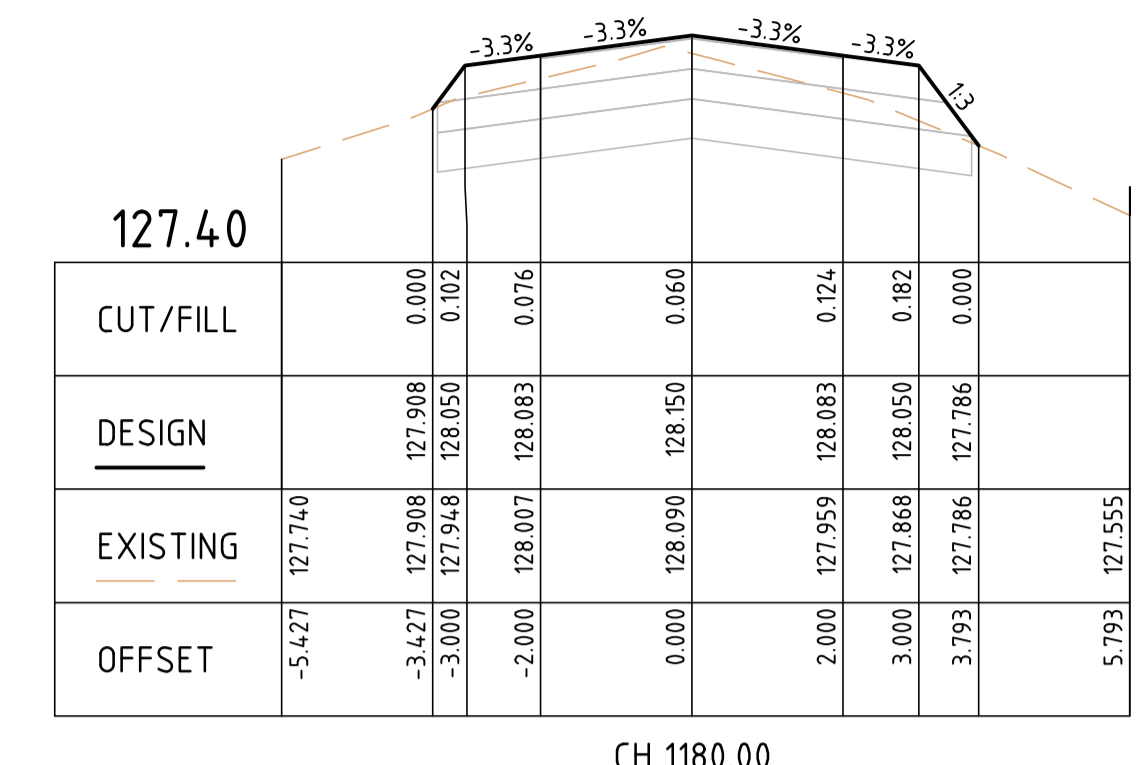
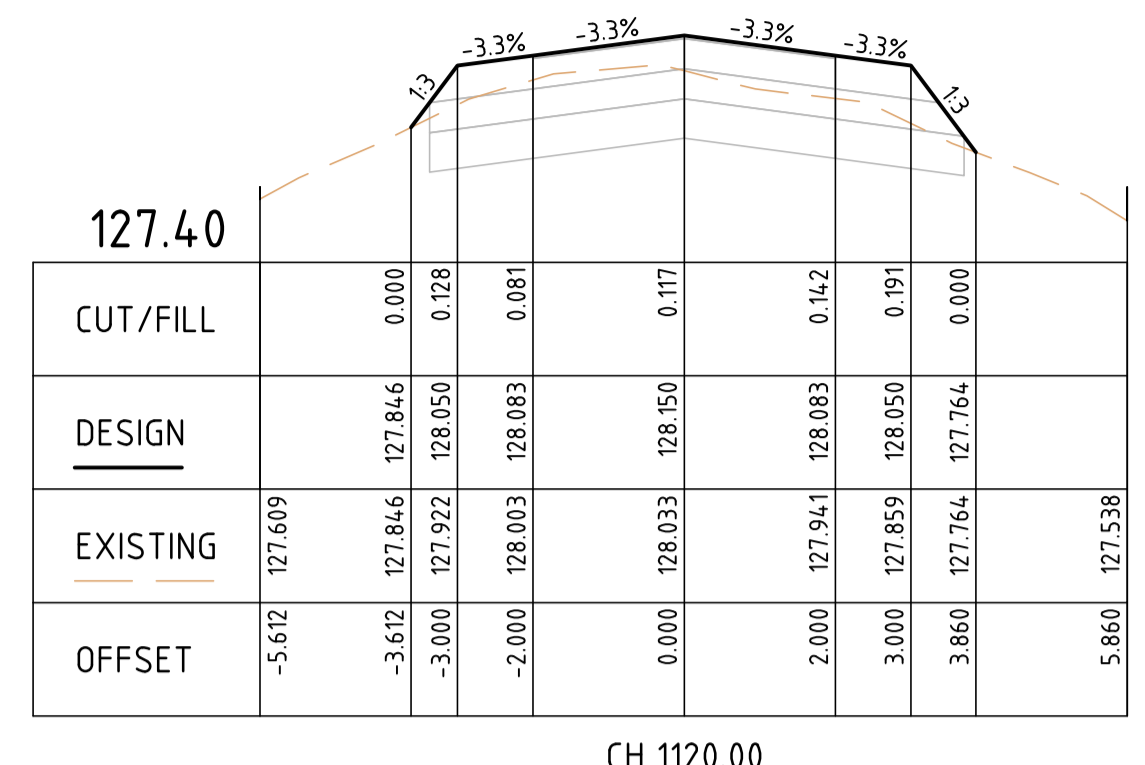
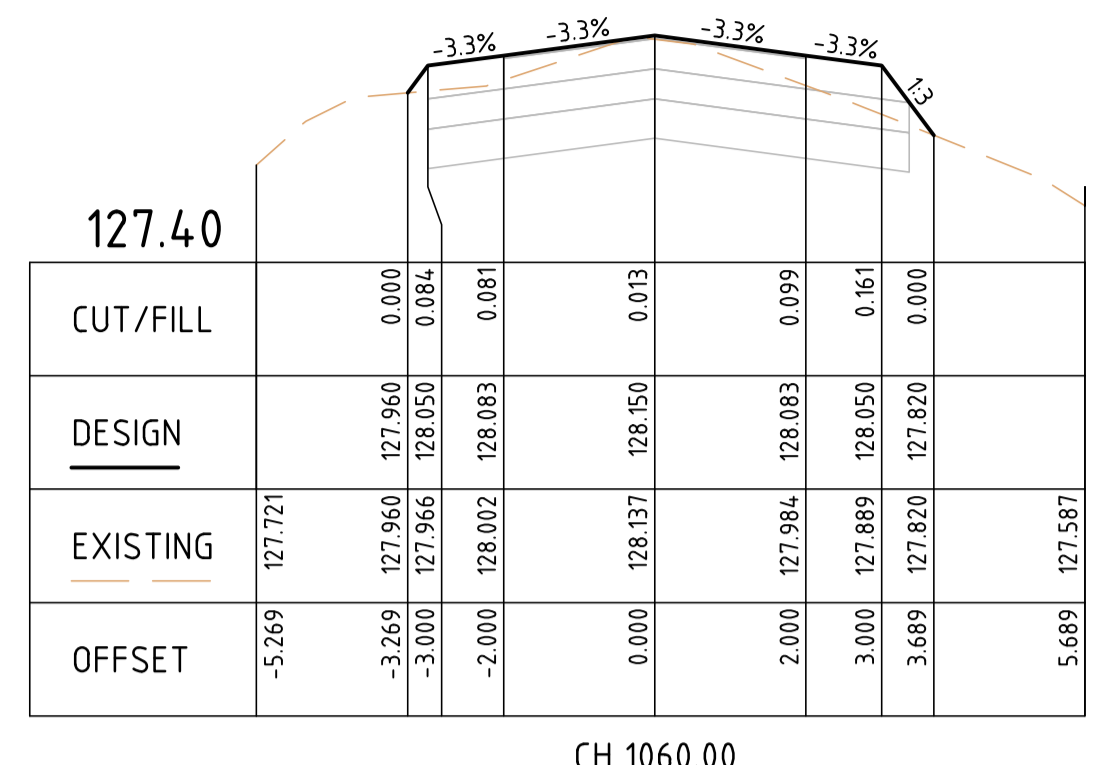
NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



| | | | | | | |
|---------------|--|--|-------------|----------------------|-----------|--------------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT | Drawn: | N.Y.-HUSBAND |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y.-HUSBAND | Approved: | K.TIDD |
| Location: | | | Cad File: | 3697 C39 ROAD CS.DWG | | |
| Property: | | | Scale: | SCALE AS SHOWN | | |
| Title: | ROAD CROSS SECTIONS | | Drawing No: | 3697 / C43 | | |
| | | | Sht: | 43 of 56 | | |
| | | | Issue: | G | | |

20/02/2023 3:02:11 PM: 3697_C39 ROAD_CS.DWG



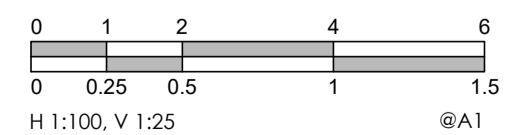
WEIR ROAD CROSS SECTIONS

SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D., GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

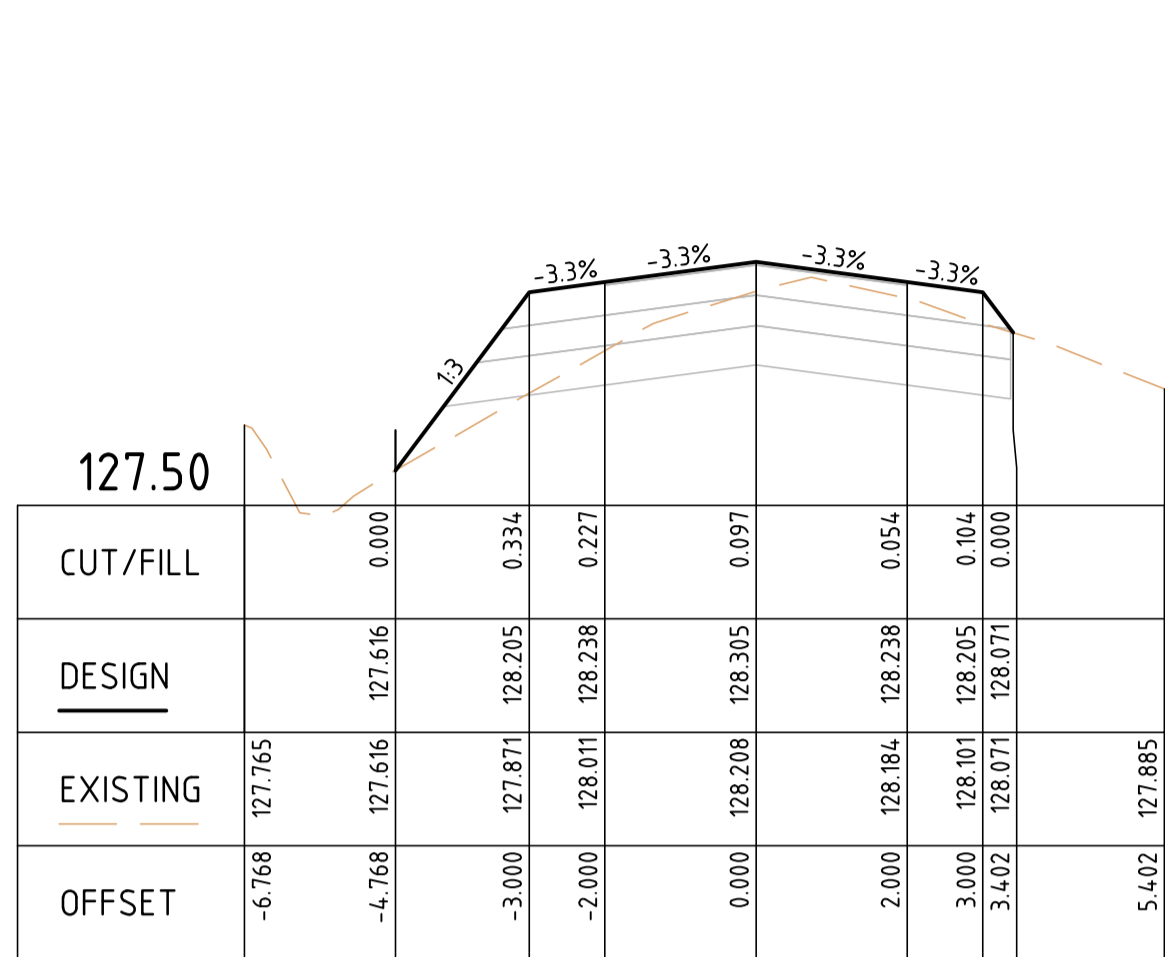


Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

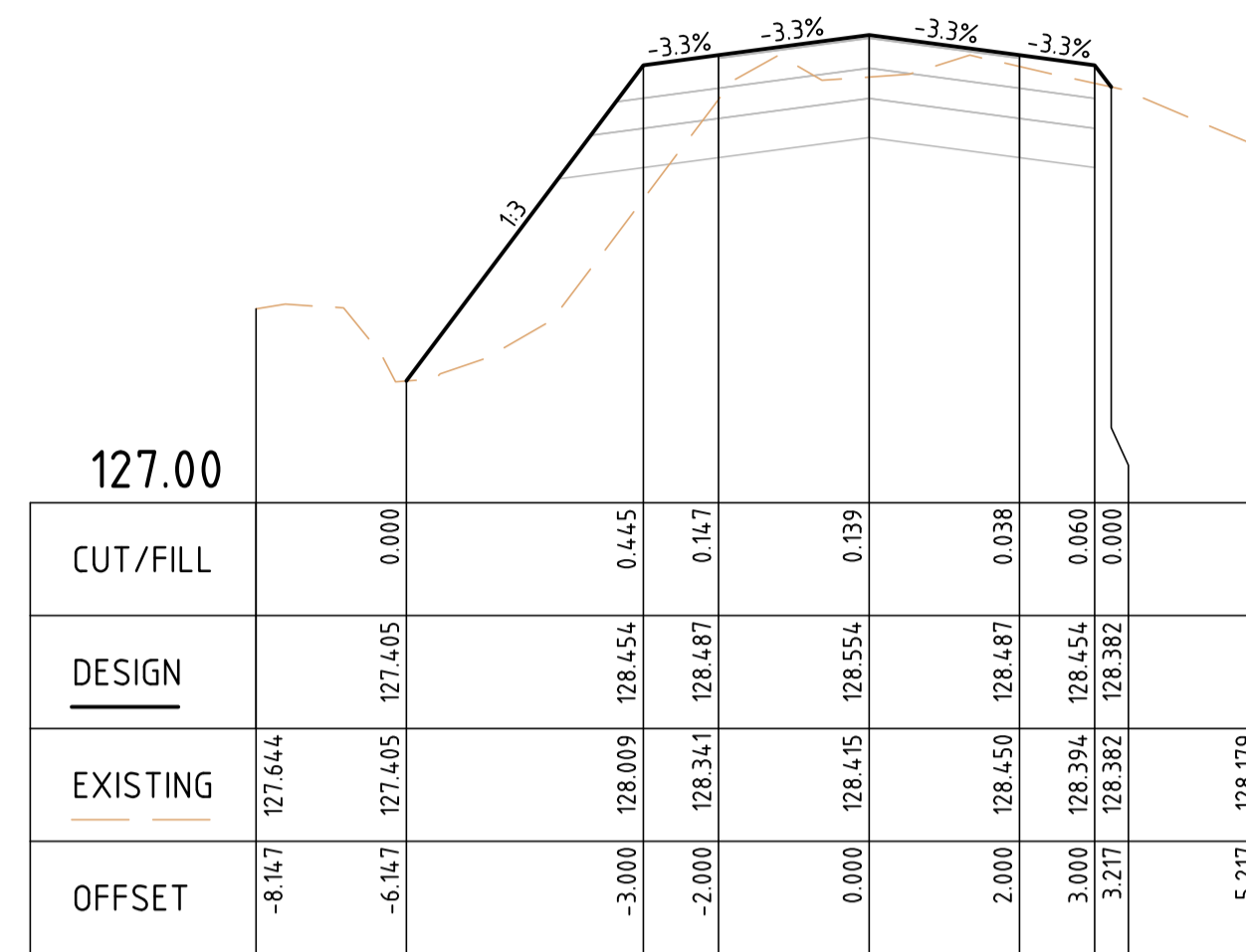
abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C. DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K. TIDD 19/11/2021 |
| Property: | - | Cad File: | 3697_C39 ROAD_CS.DWG | | |
| Title: | ROAD CROSS SECTIONS | Scale: | SCALE AS SHOWN | | |
| | | Drawing No: | | Sht: | |

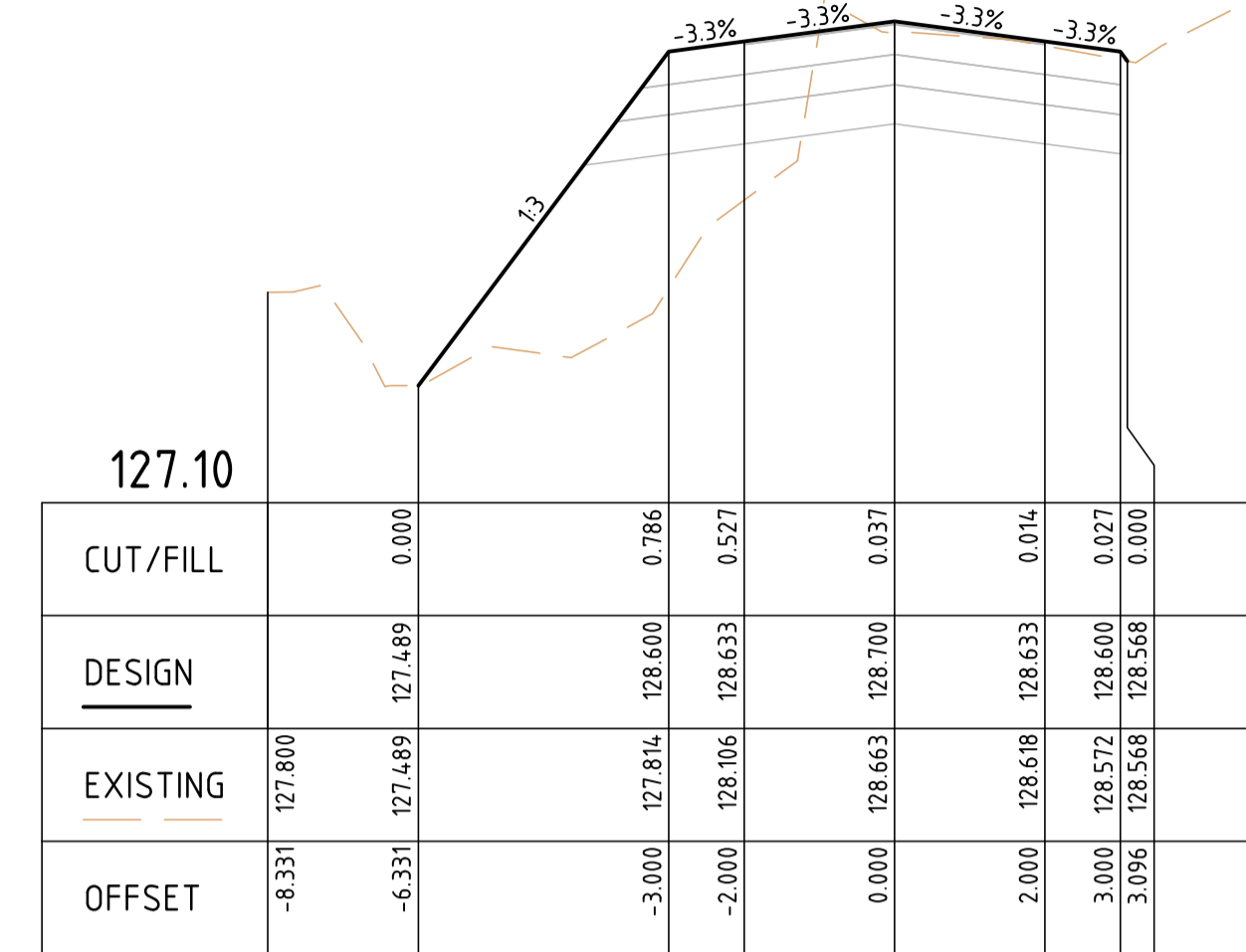
| | | | | |
|------------|----------|--|--------|----|
| | | | Size: | A1 |
| | | | Issue: | |
| 3697 / C45 | 45 of 56 | | | G |



CH 1285.84



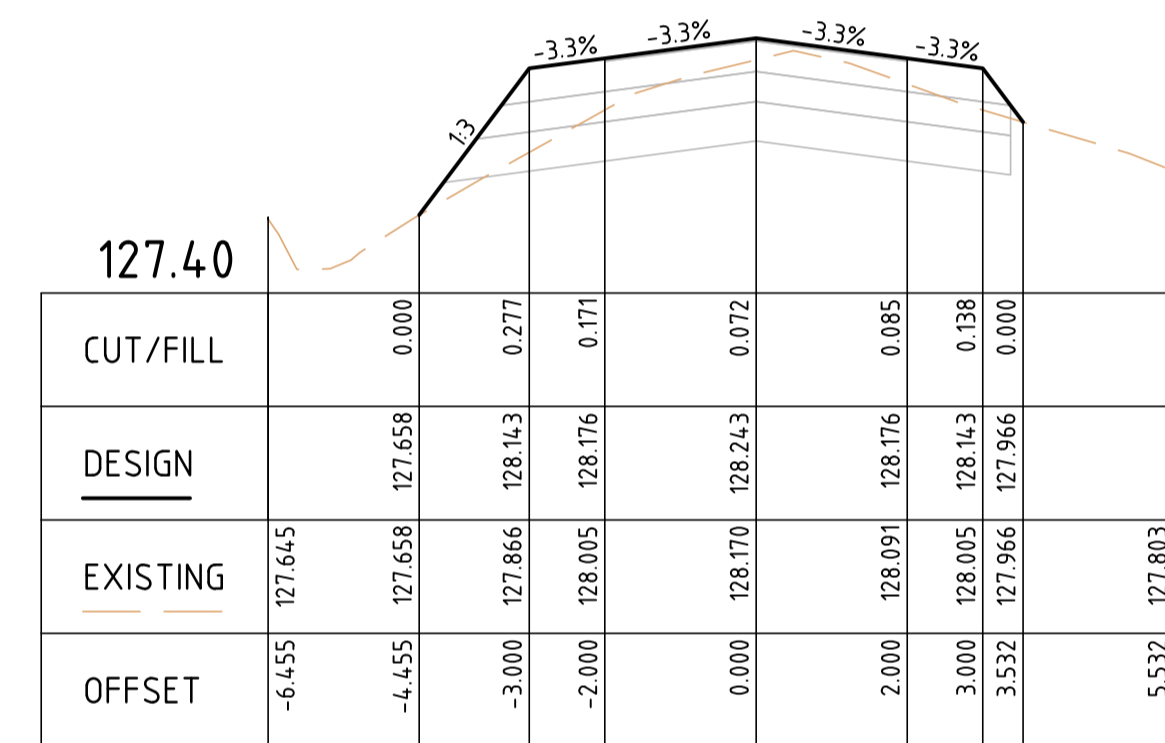
CH 1301.76



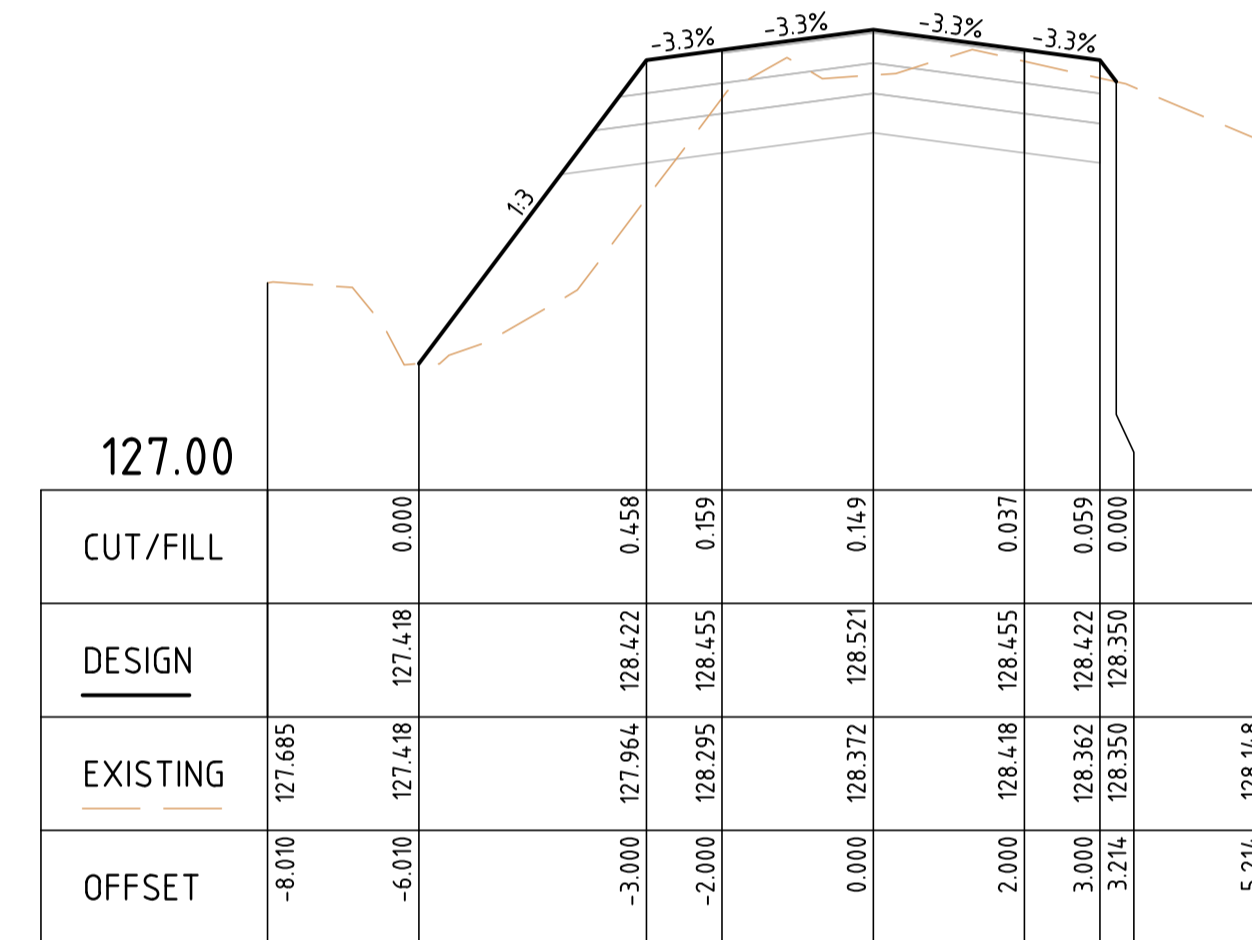
CH 1315.00



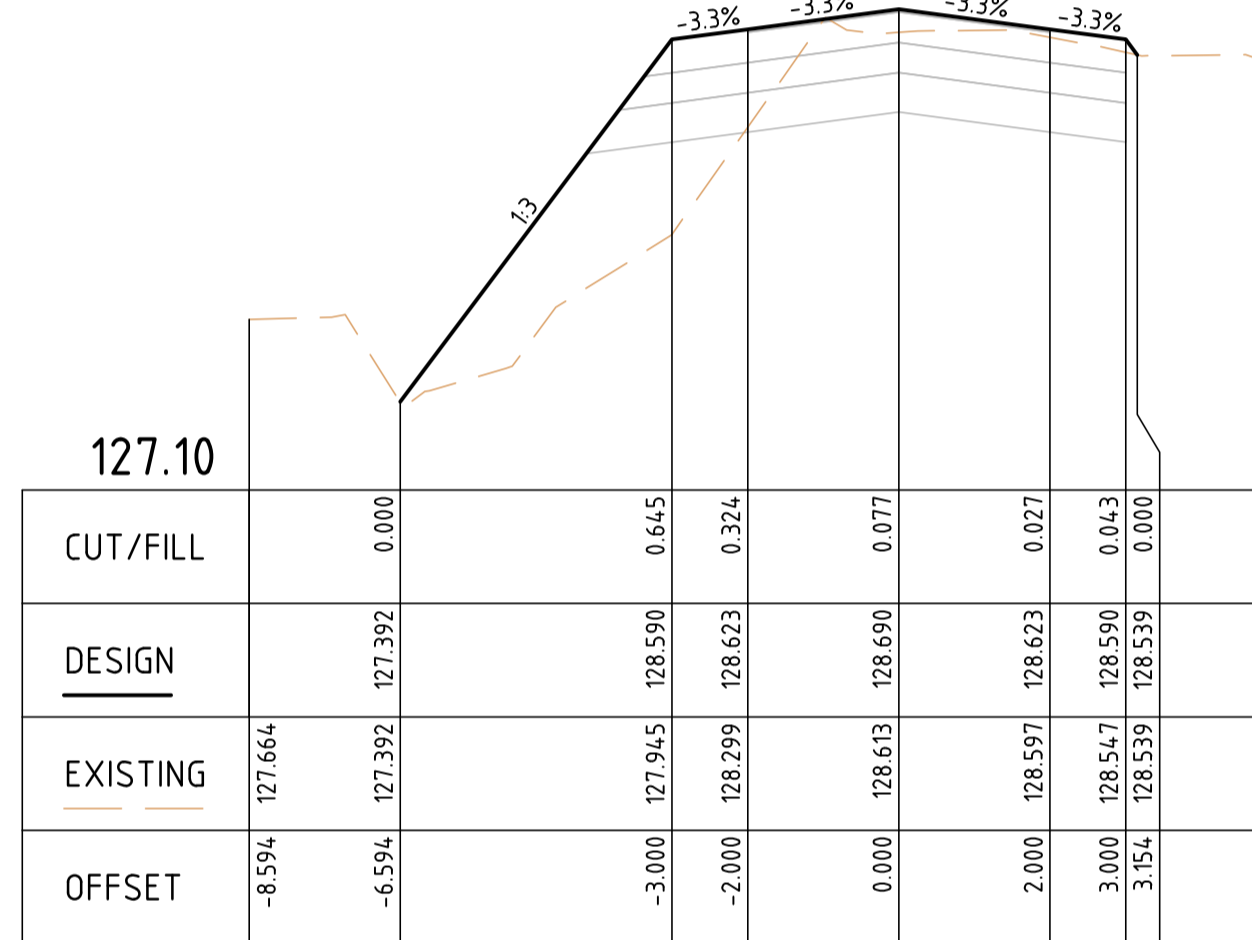
CH 1340.00



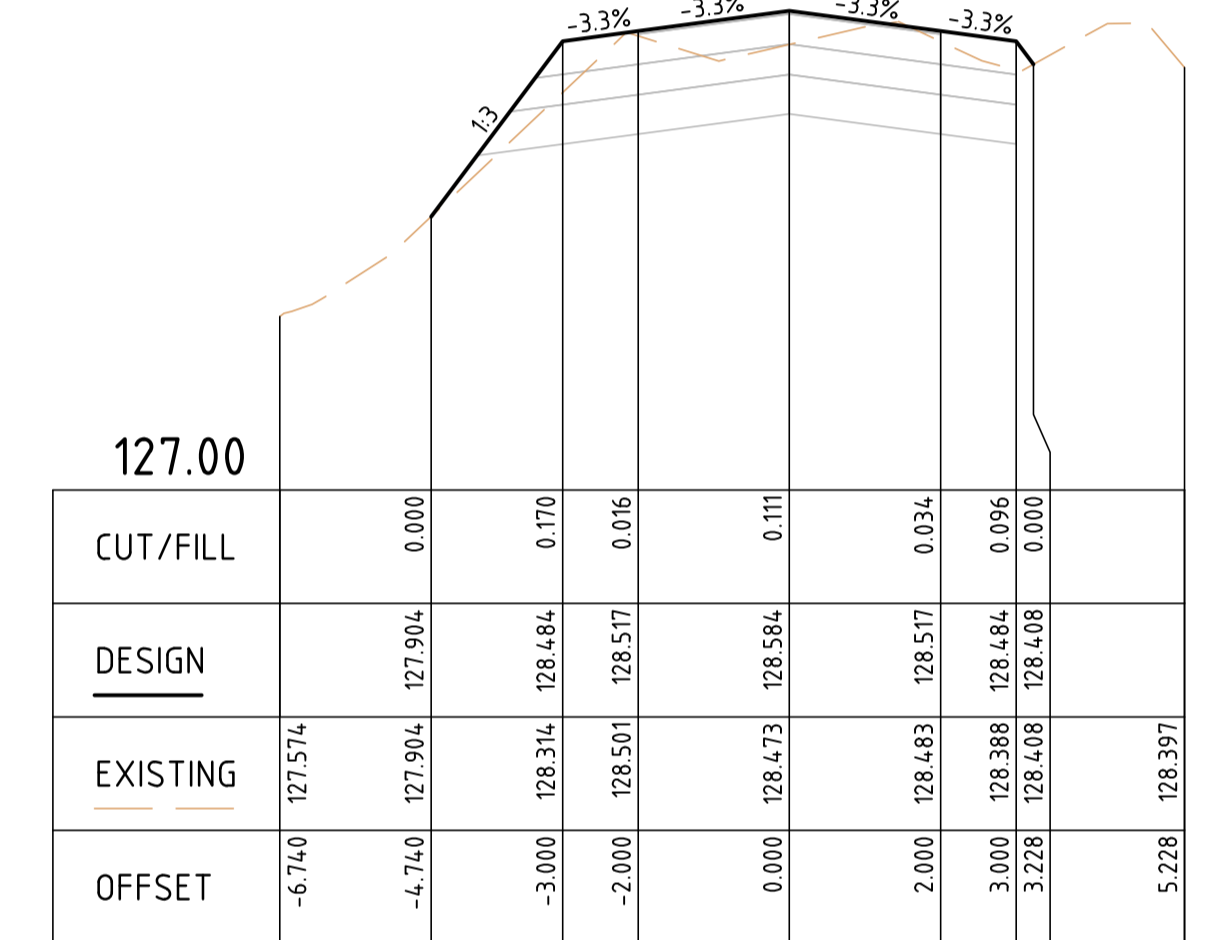
CH 1280.00



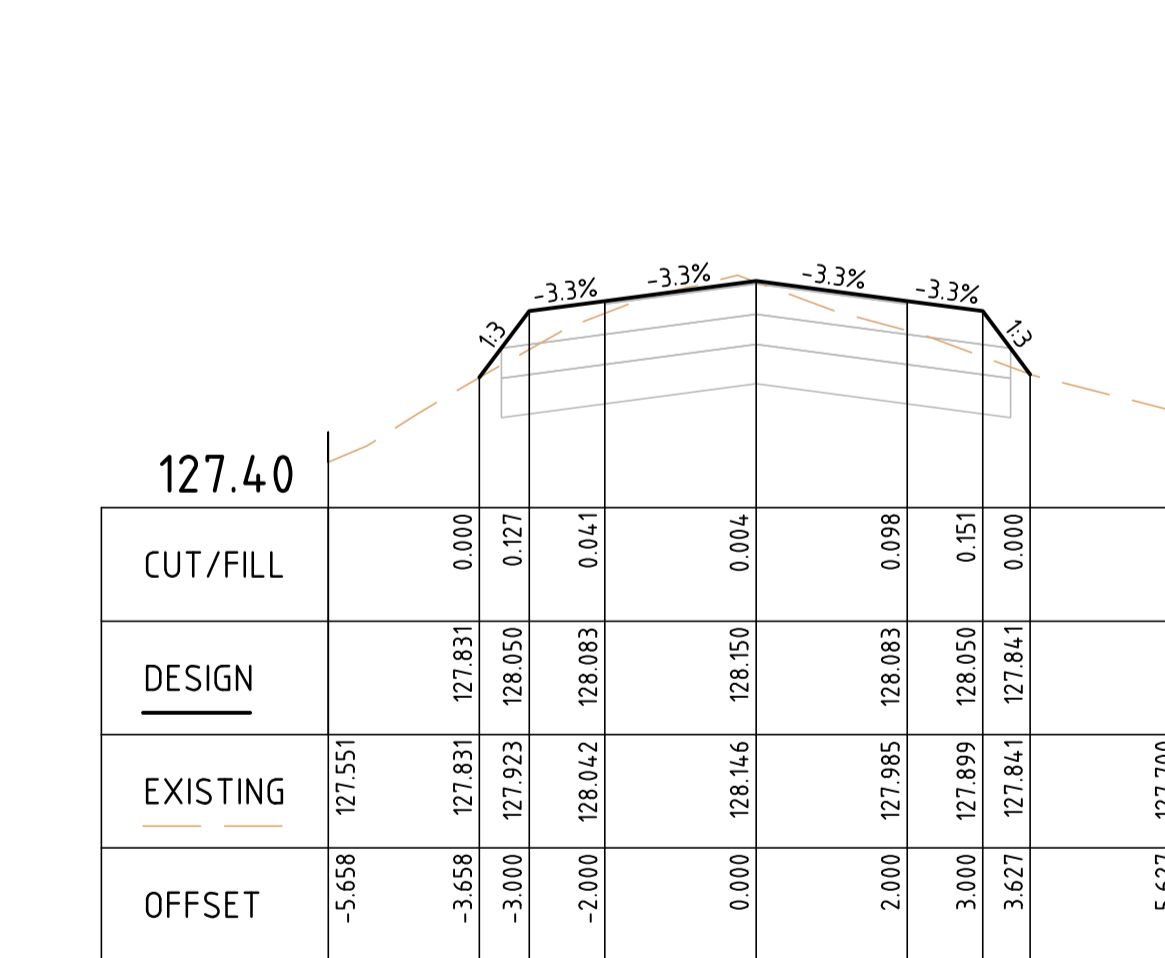
CH 1300.00



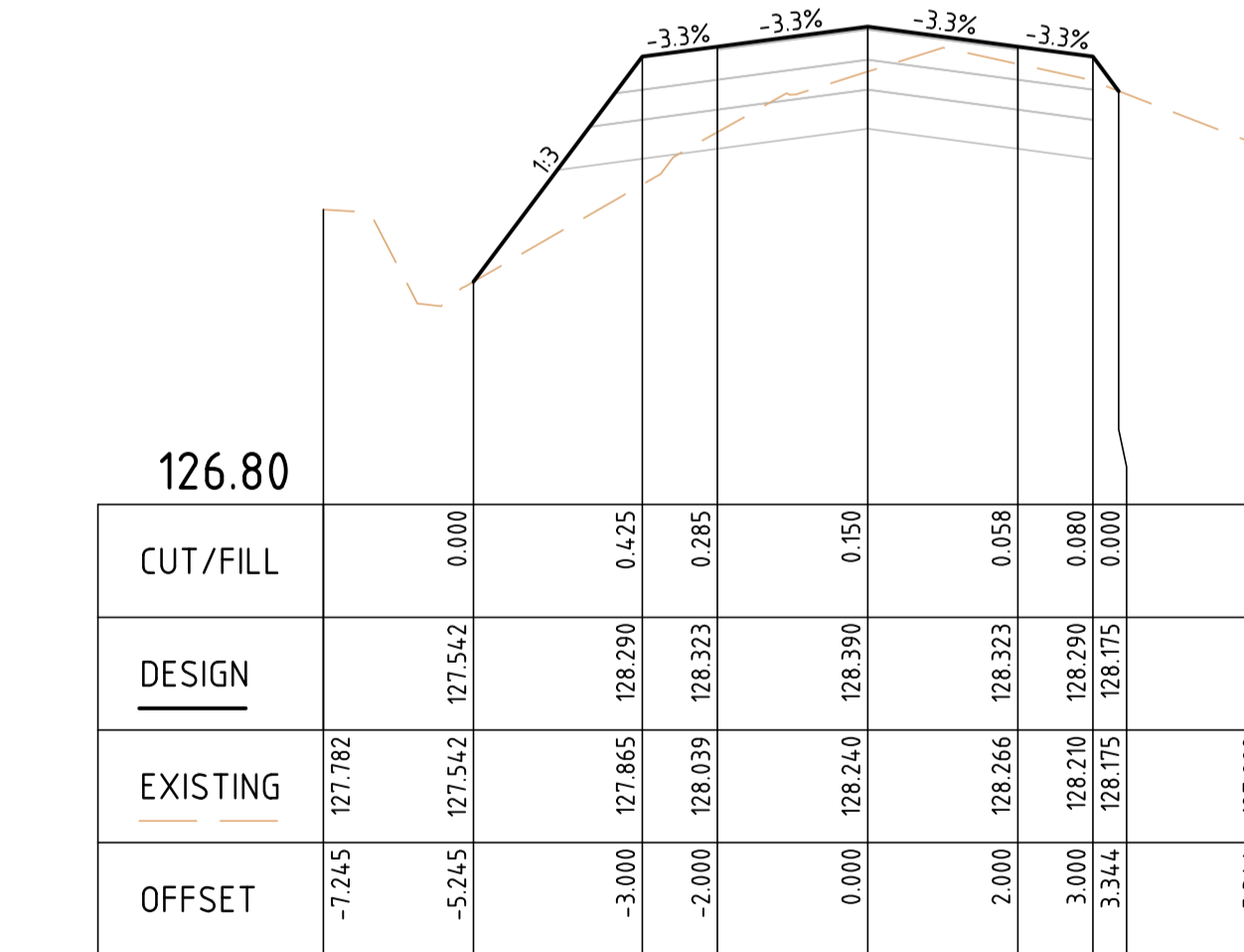
CH 1311.07



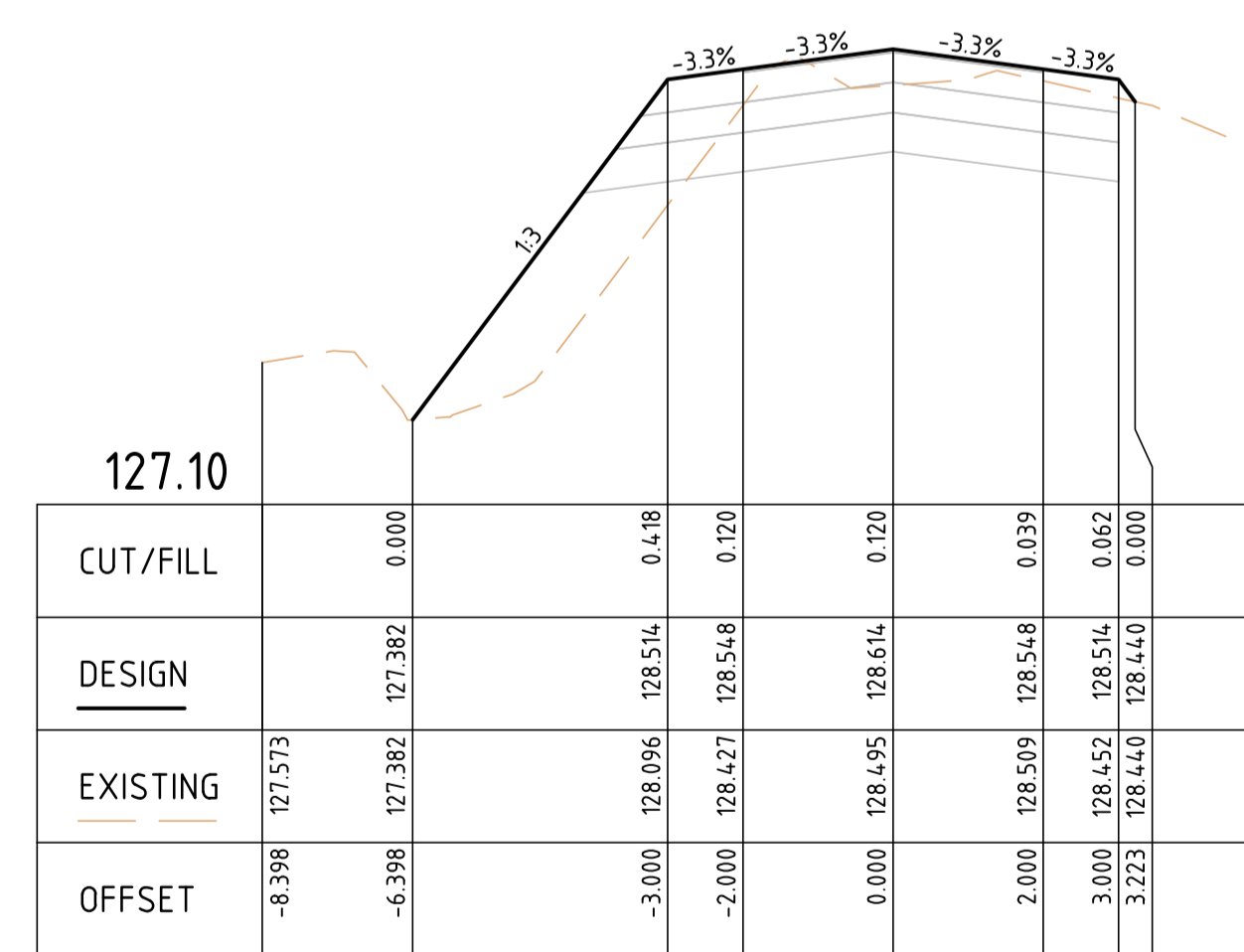
CH 1325.00



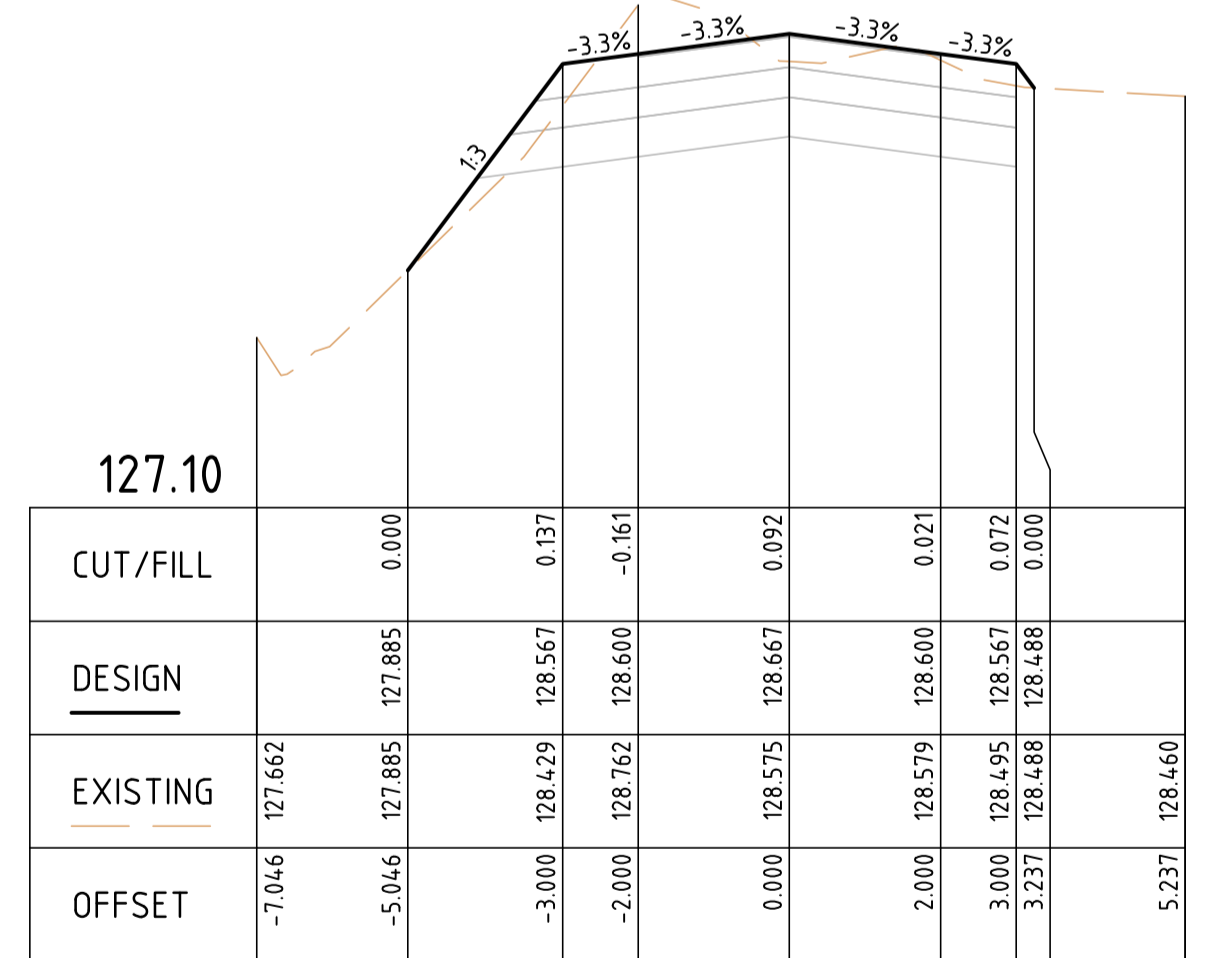
CH 1260.00



CH 1292.15



CH 1305.00



CH 1320.00

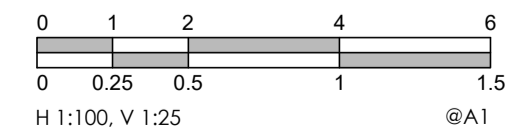
WEIR ROAD CROSS SECTIONS

SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

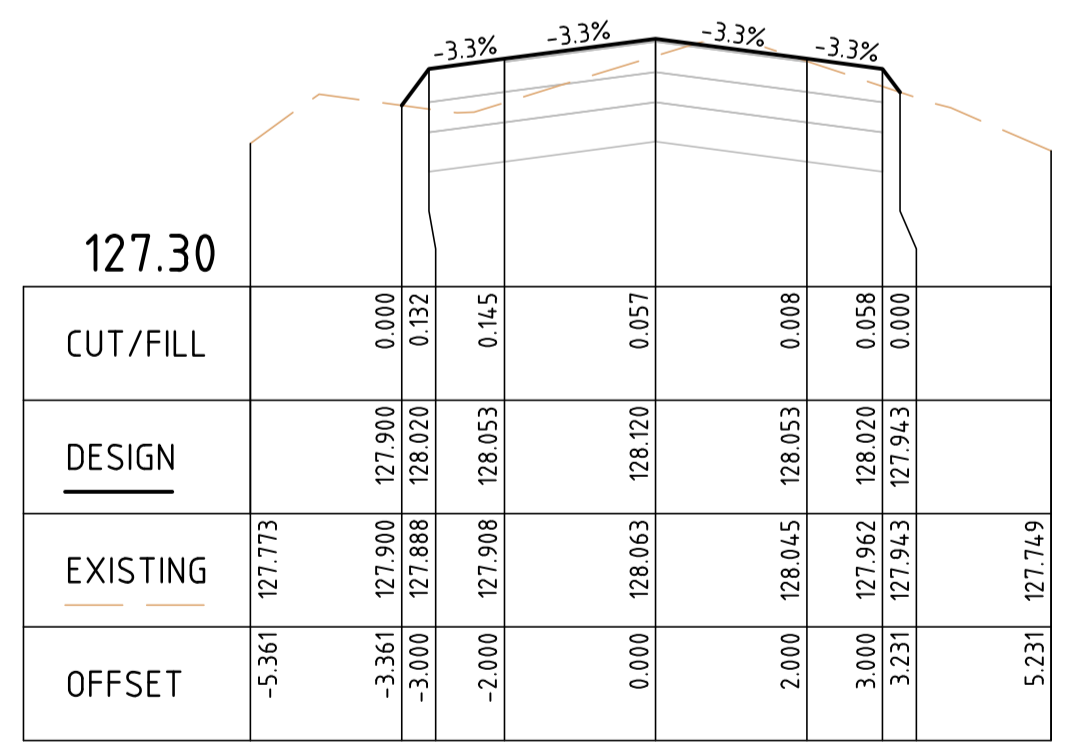
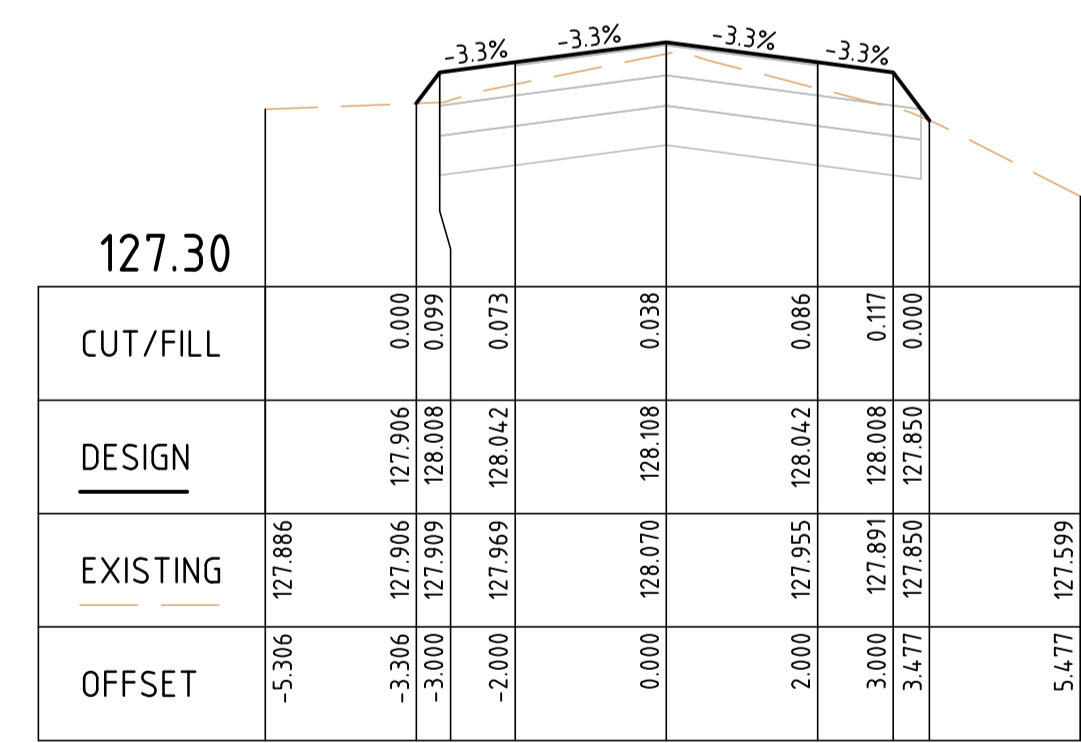
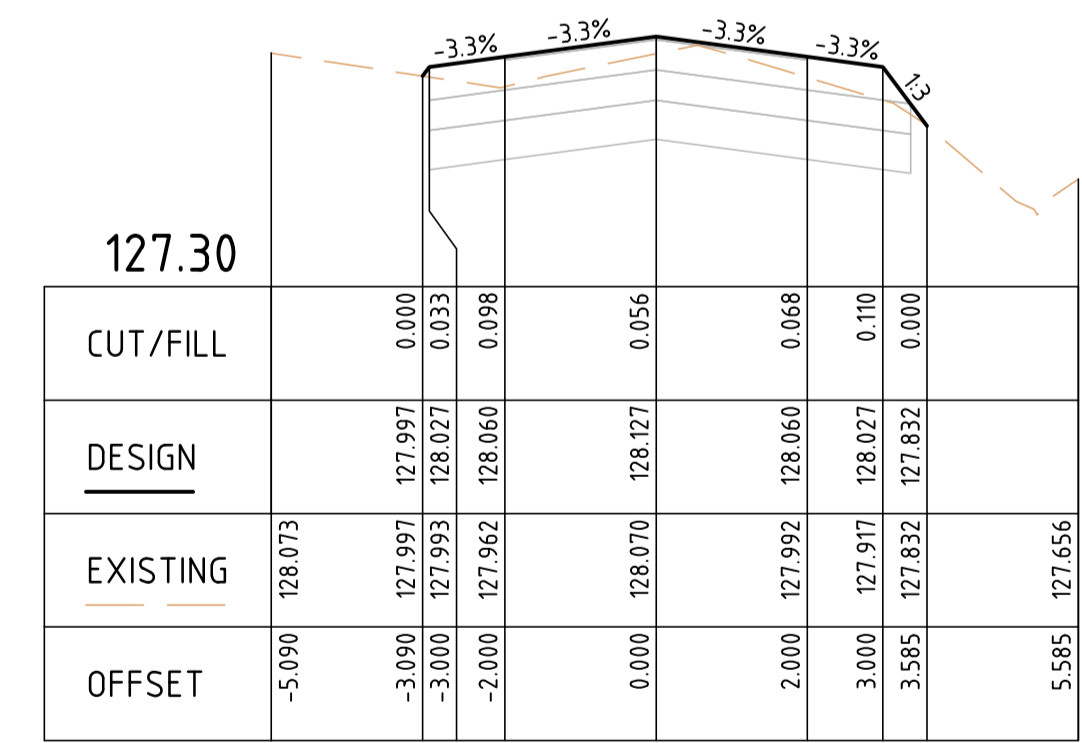
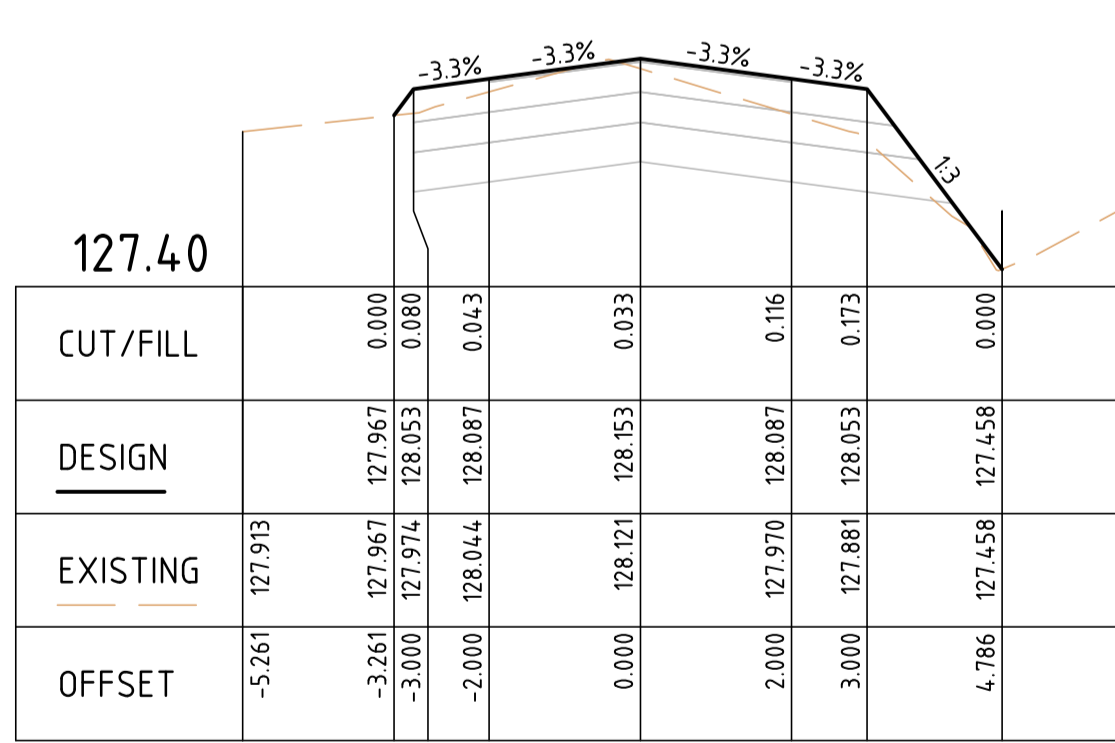
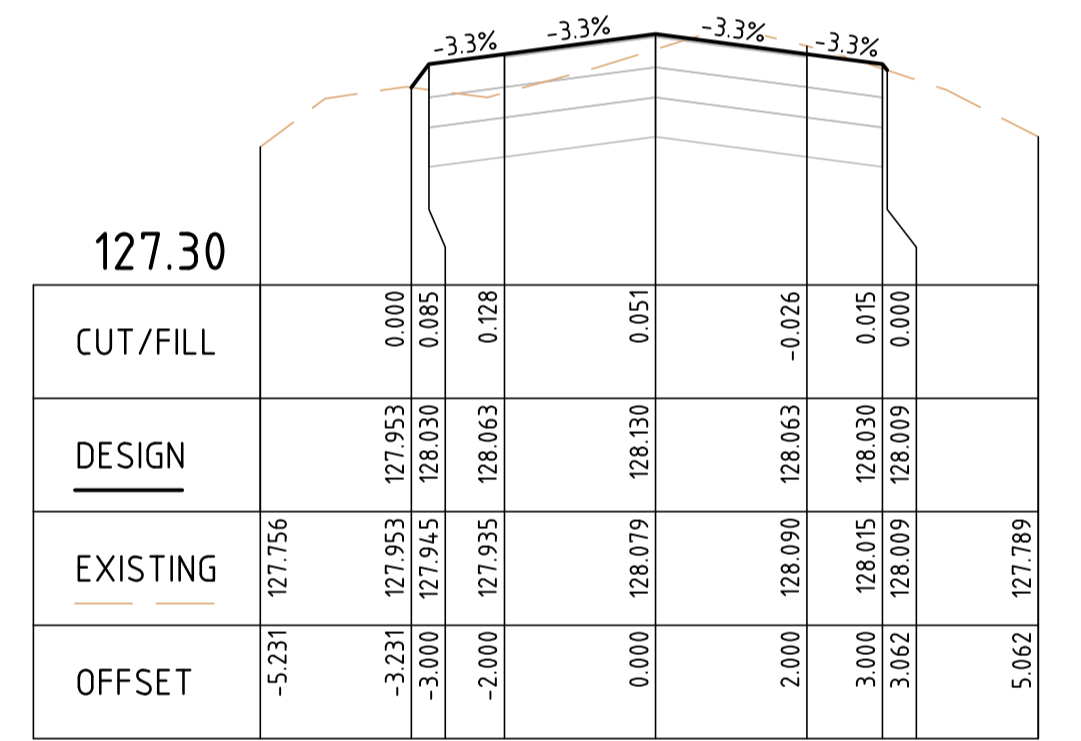
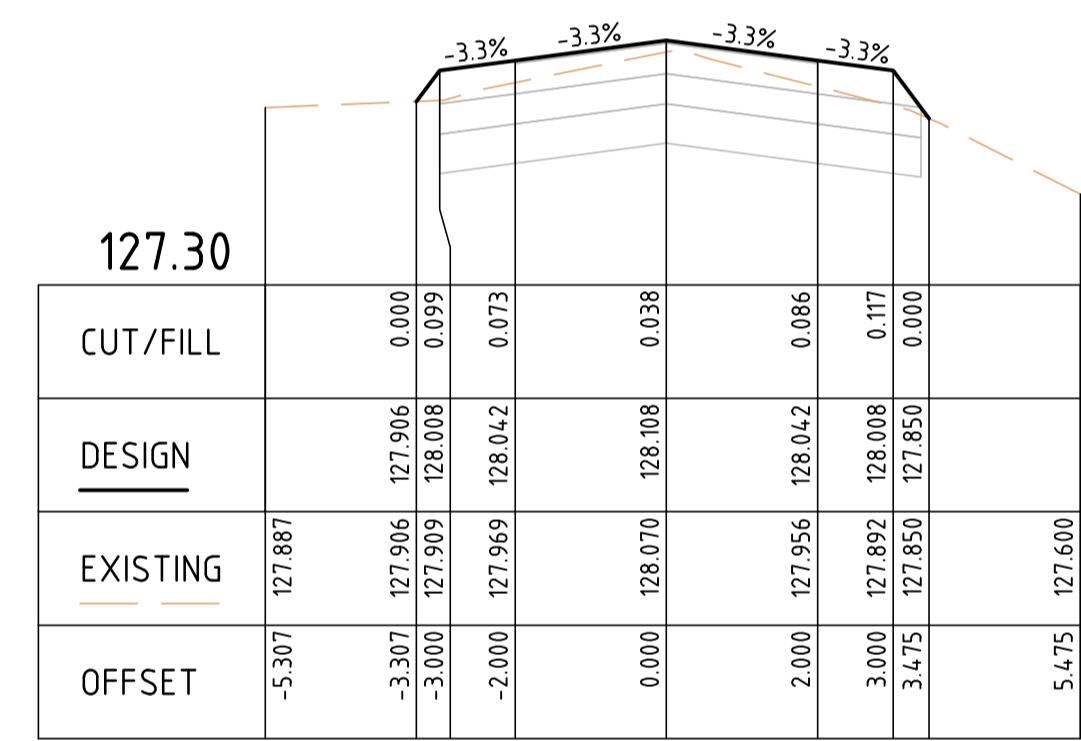
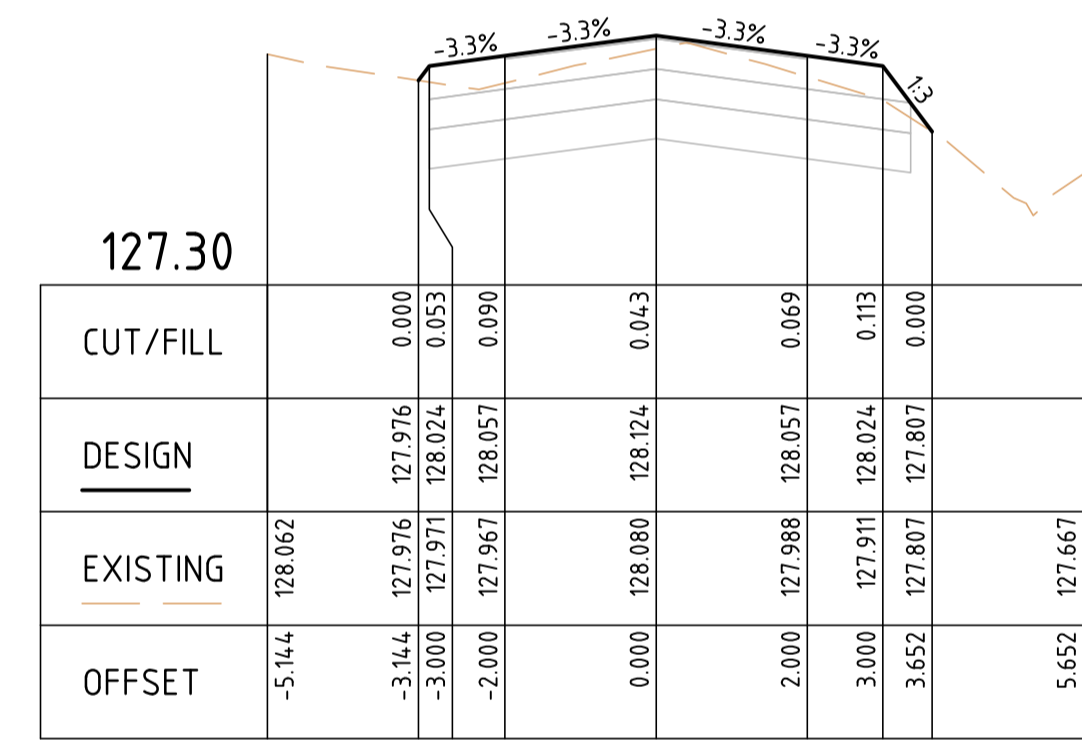
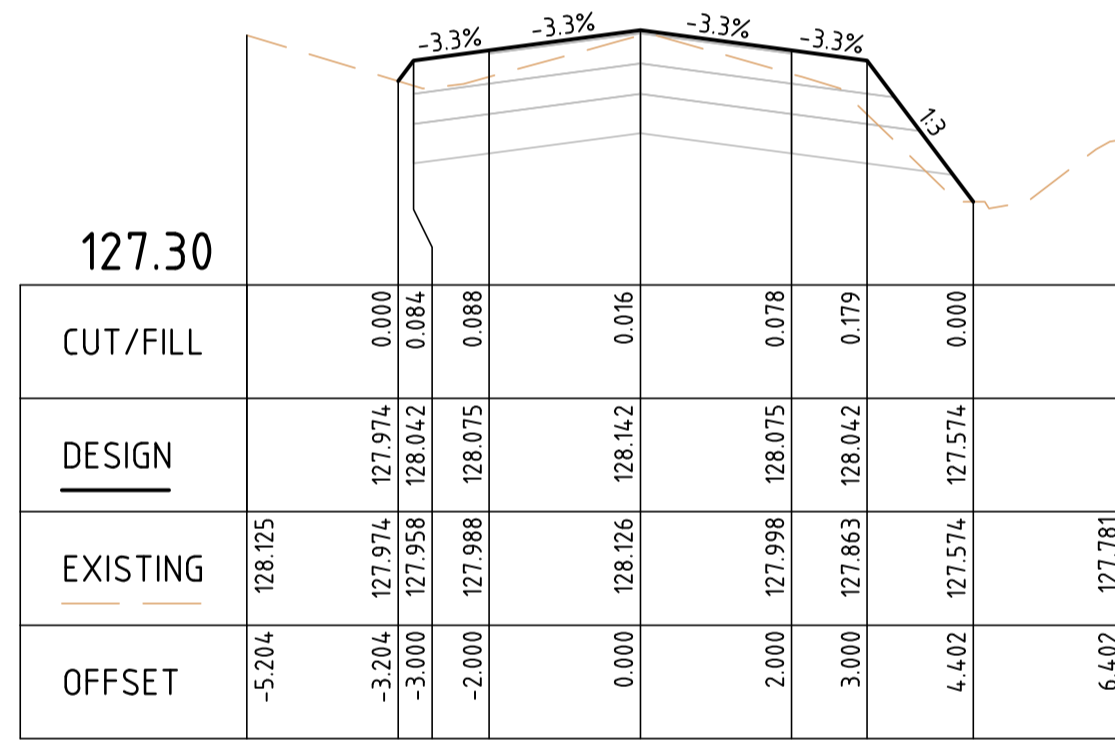
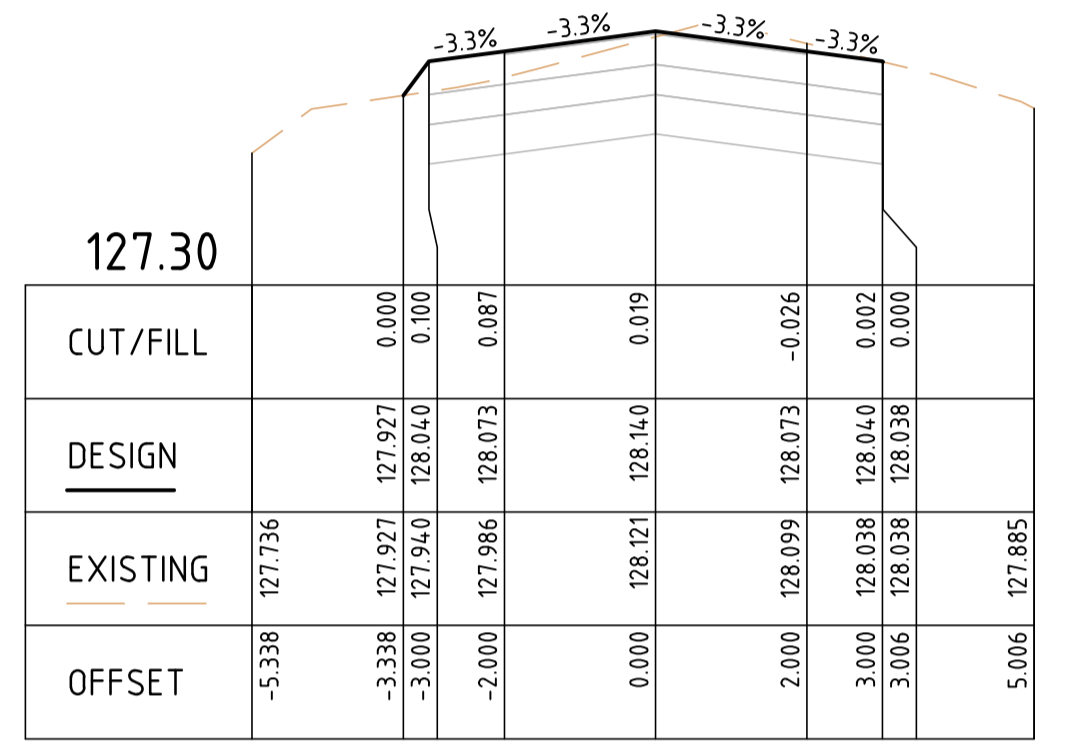
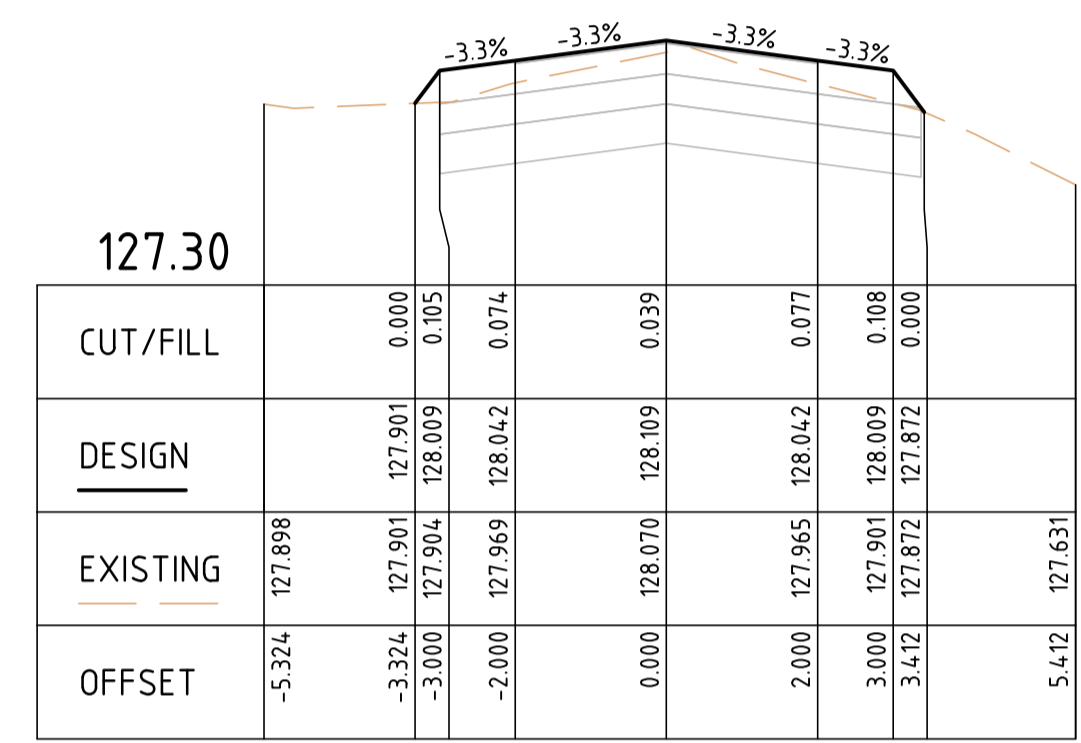
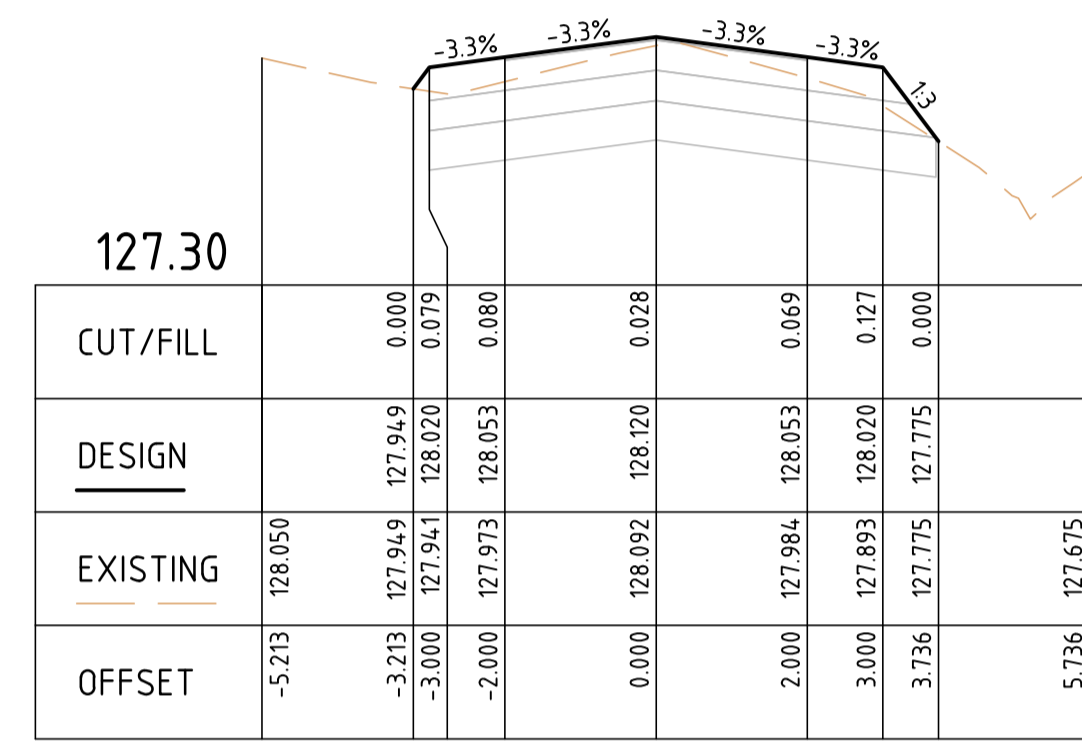
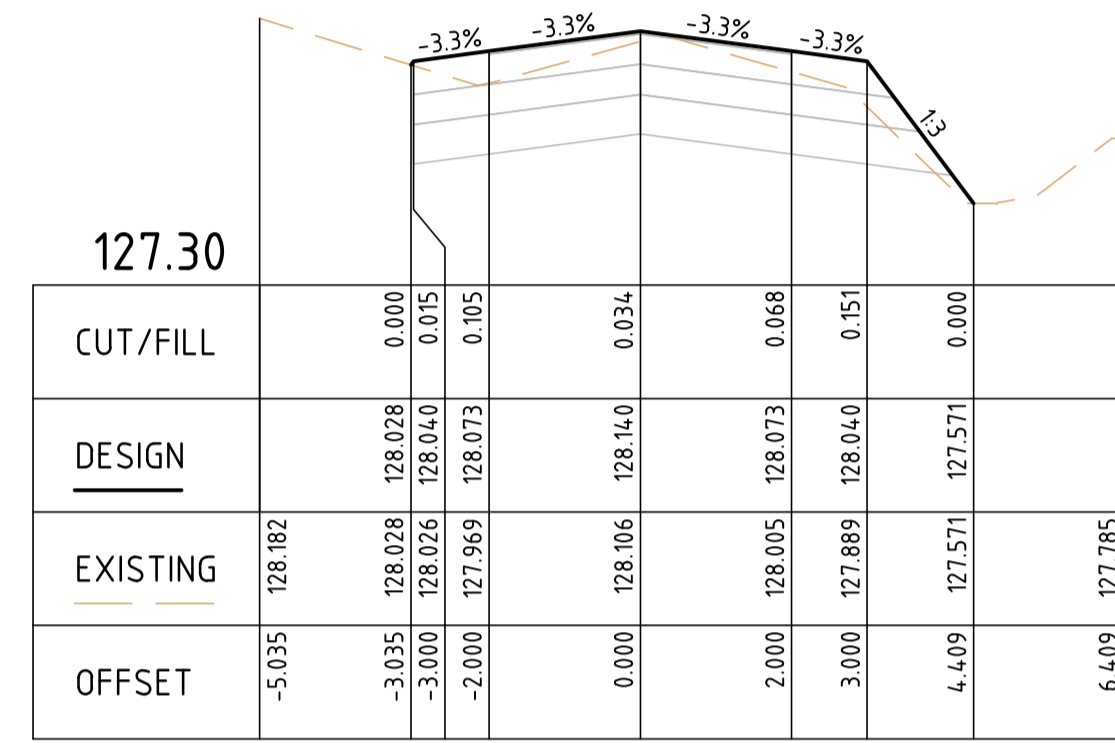
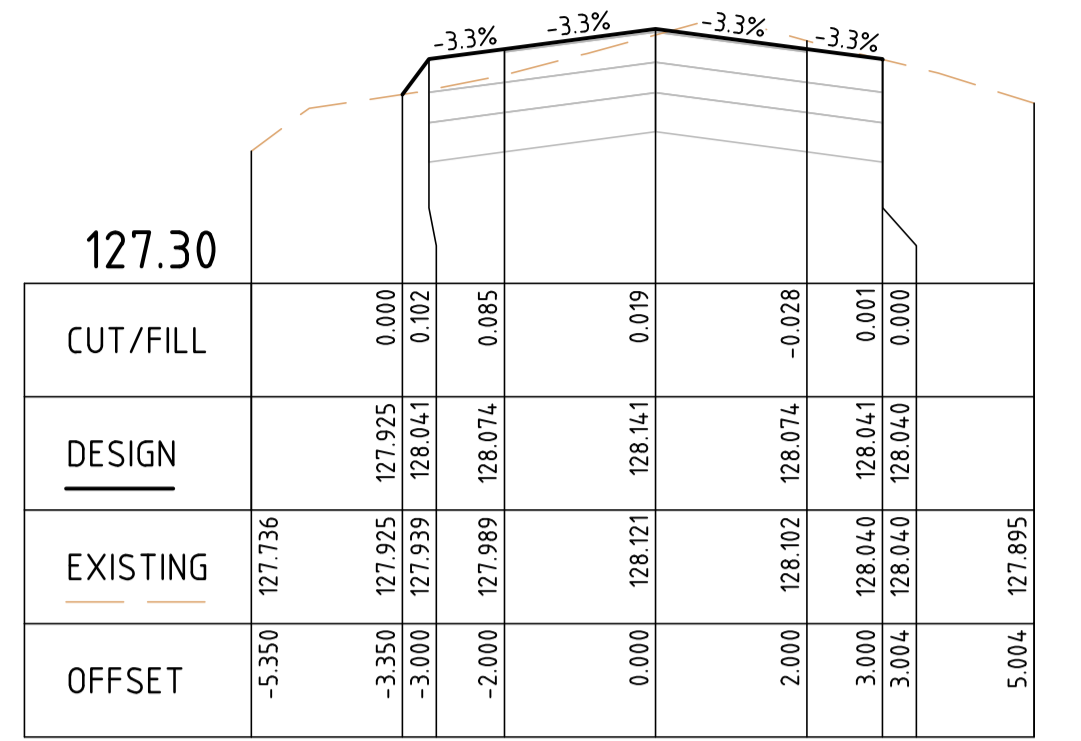
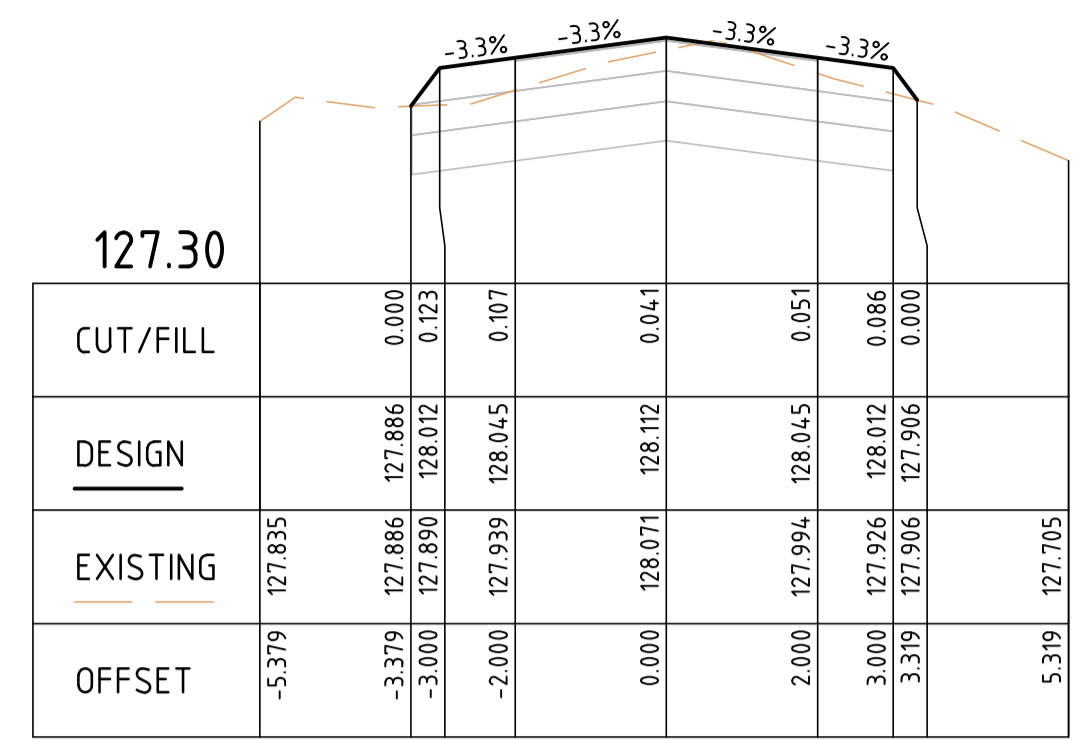
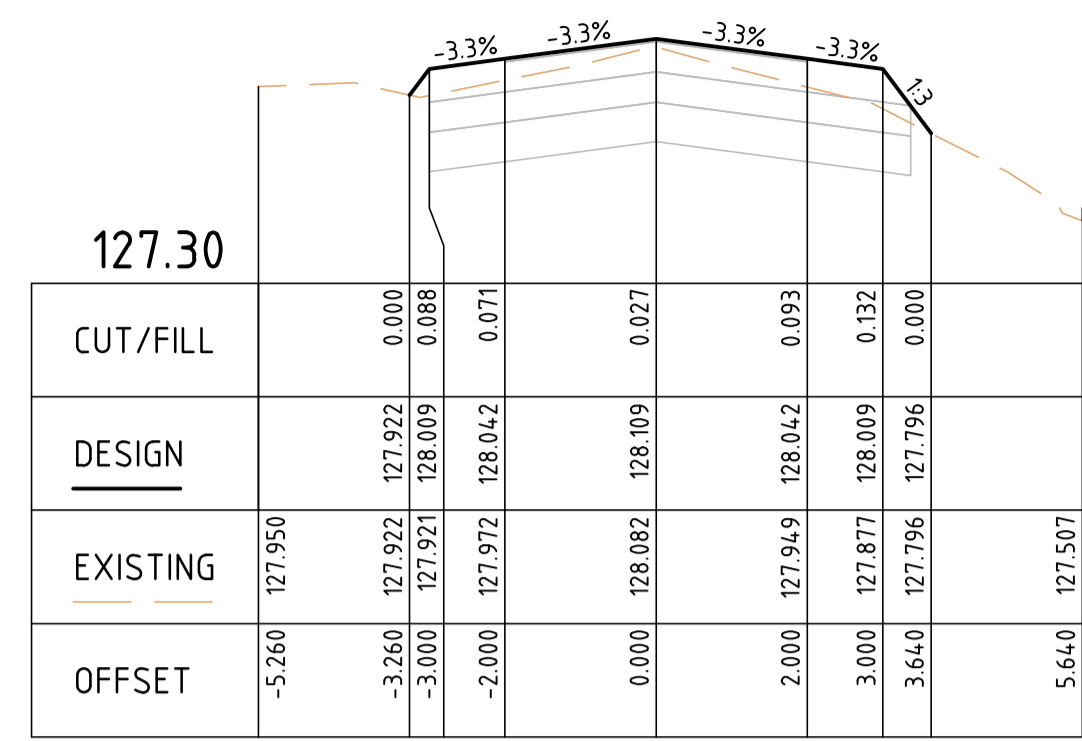
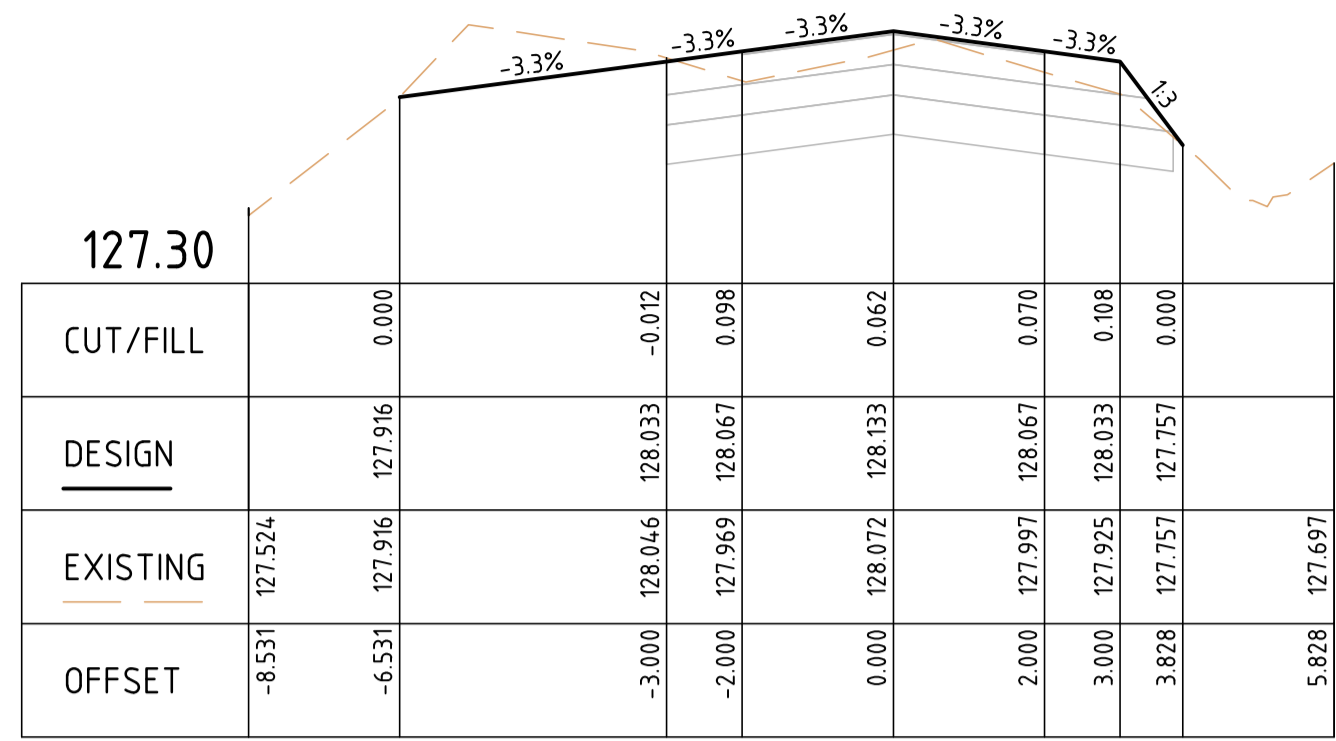
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697 C39 ROAD CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | | Sheet: | 46 of 56 |
| Title: | ROAD CROSS SECTIONS | Issue: | | | G |



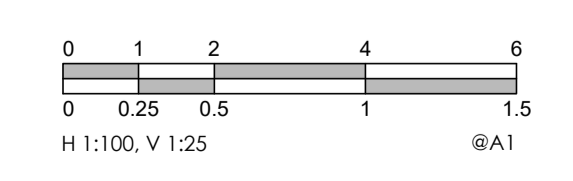
WEIR ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:02:03 PM 3697 C39 ROAD CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogies
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

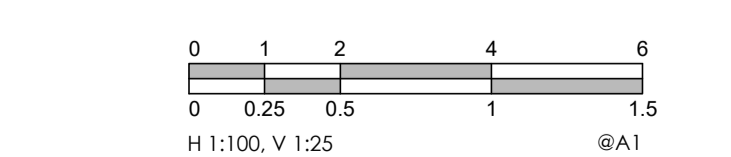
| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Location: - | | Cad File: 3697 C39 ROAD CS.DWG | |
| Property: - | | Scale: SCALE AS SHOWN | |
| Title: ROAD CROSS SECTIONS | | Drawing No: 3697 / C47 | Sheet: 47 of 56 |
| | | Issue: - | Size: A1 |

20/02/2023 3:02:03 PM 3697_C39 ROAD.CSDWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D., GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Strathbogie
shire

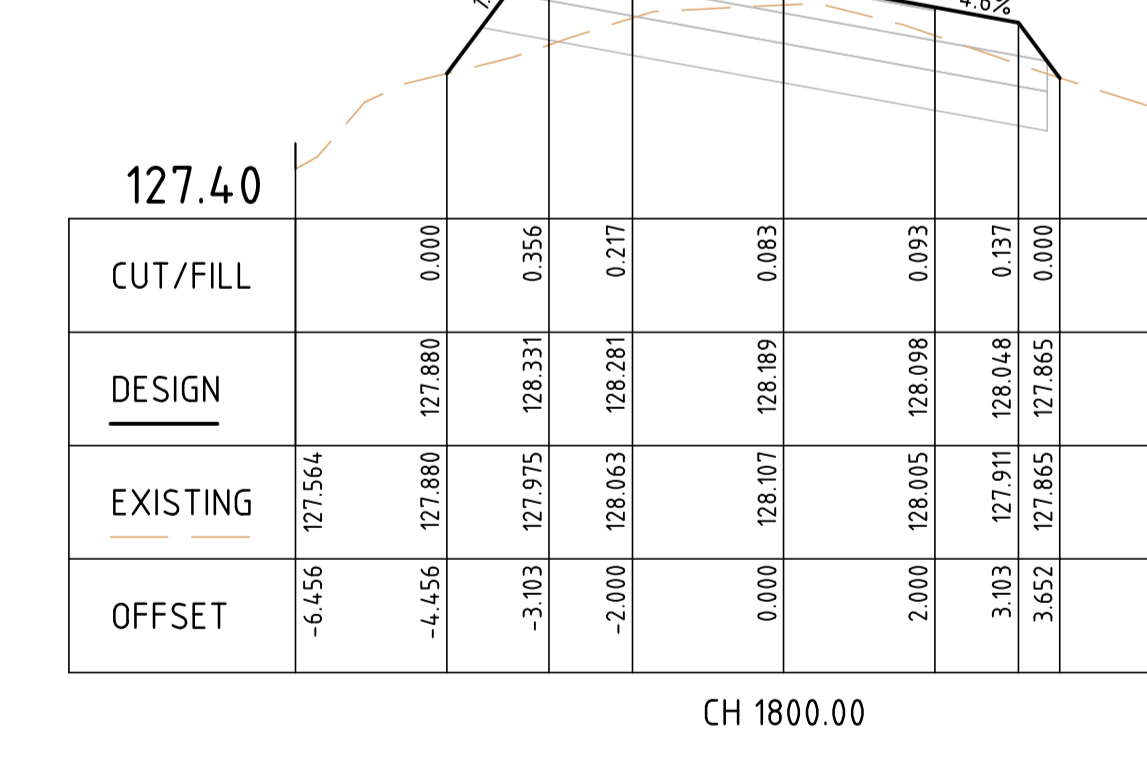
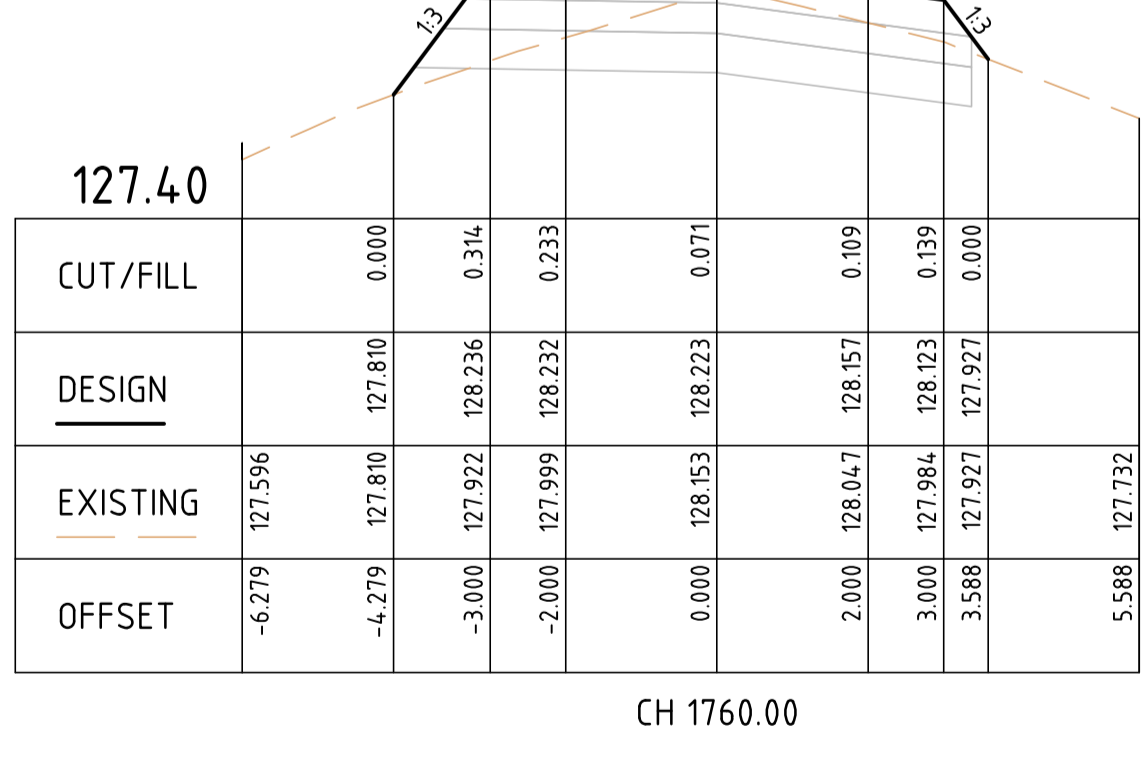
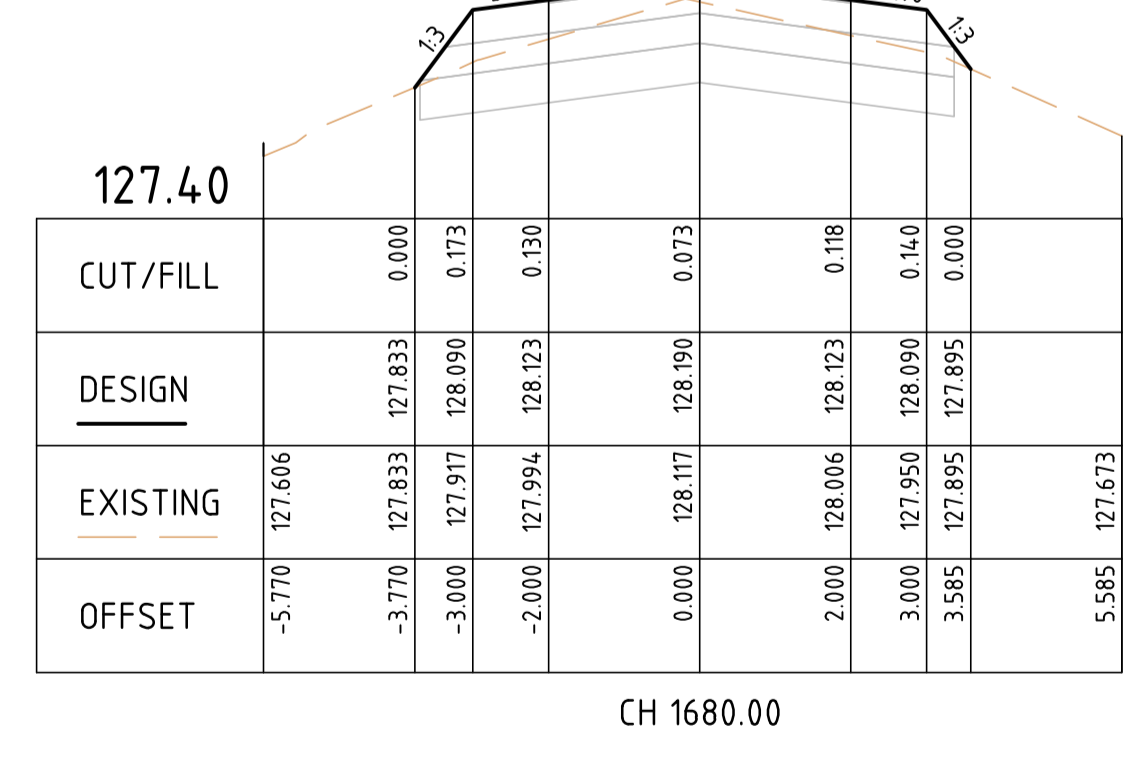
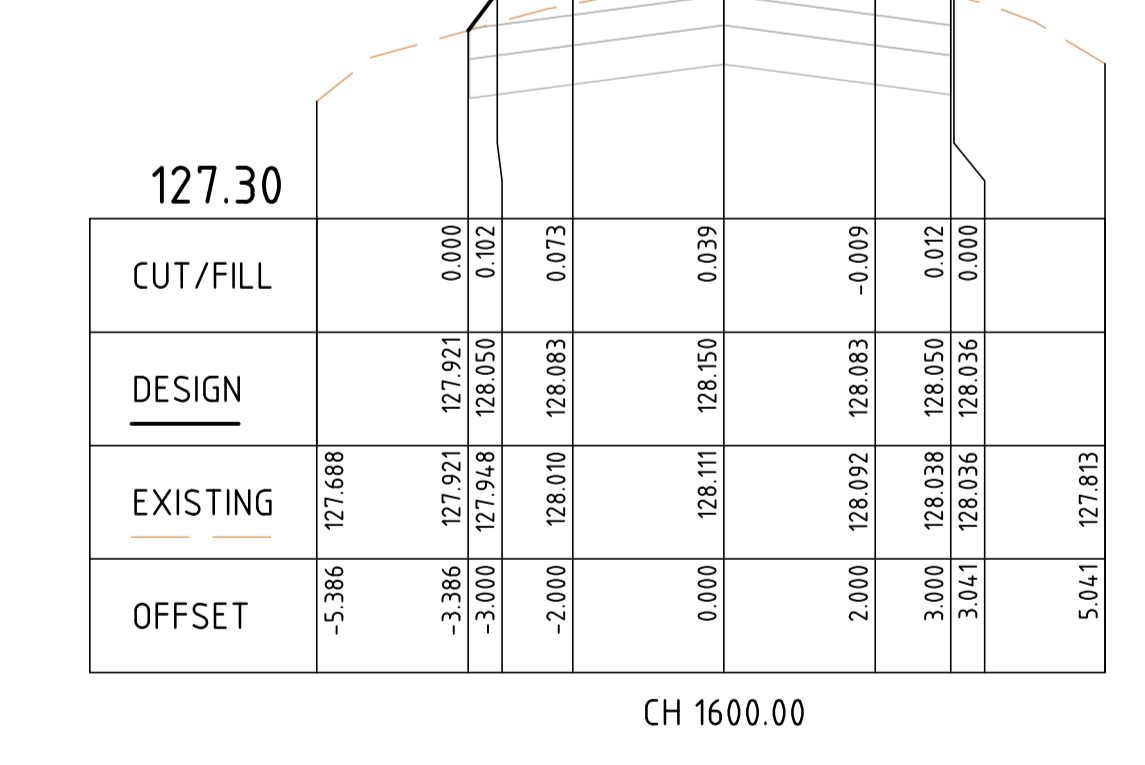
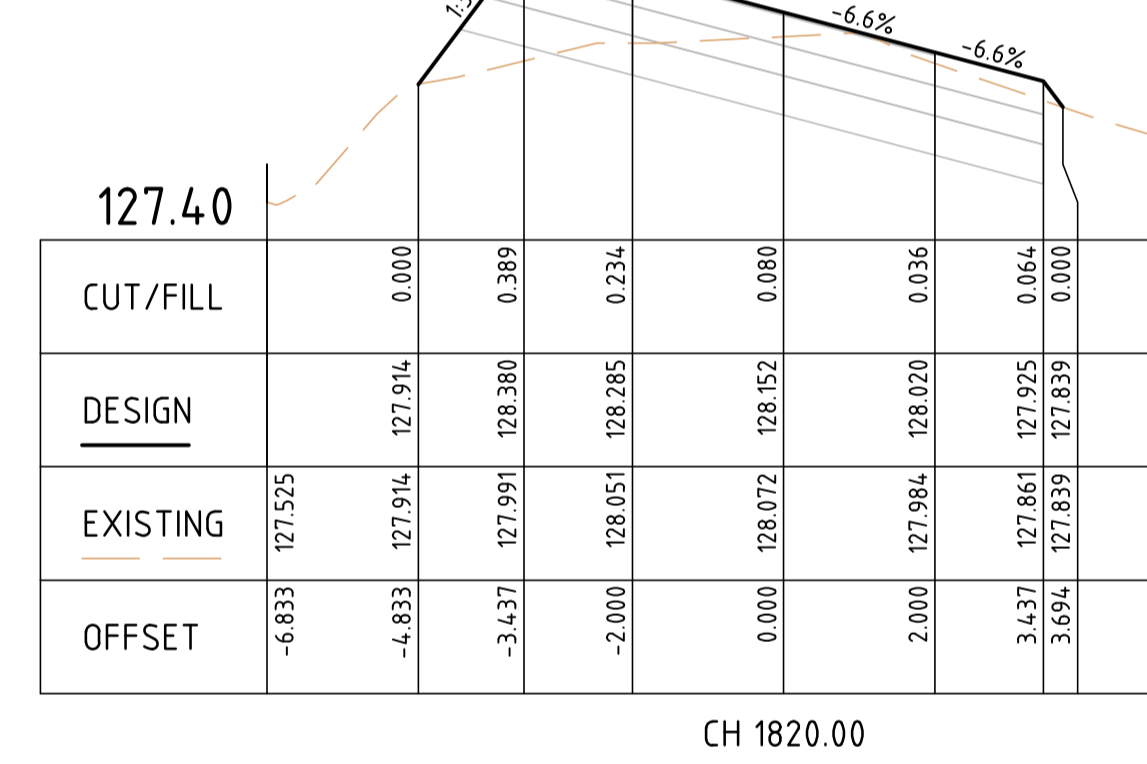
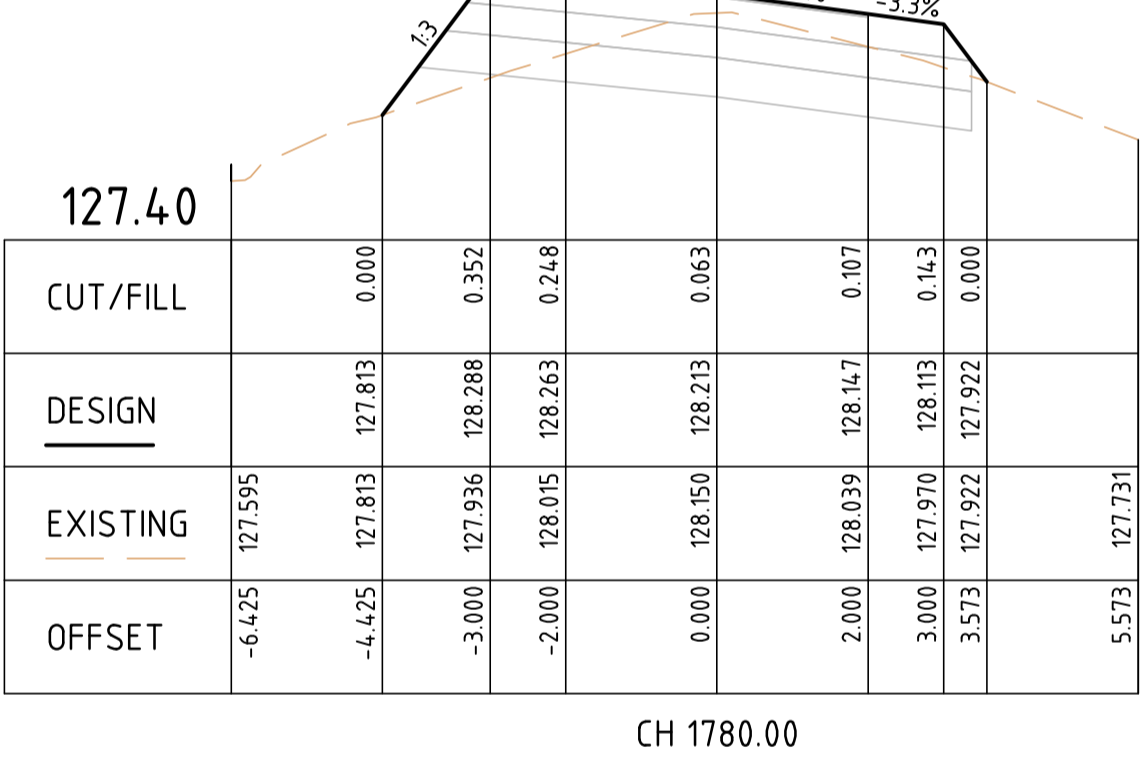
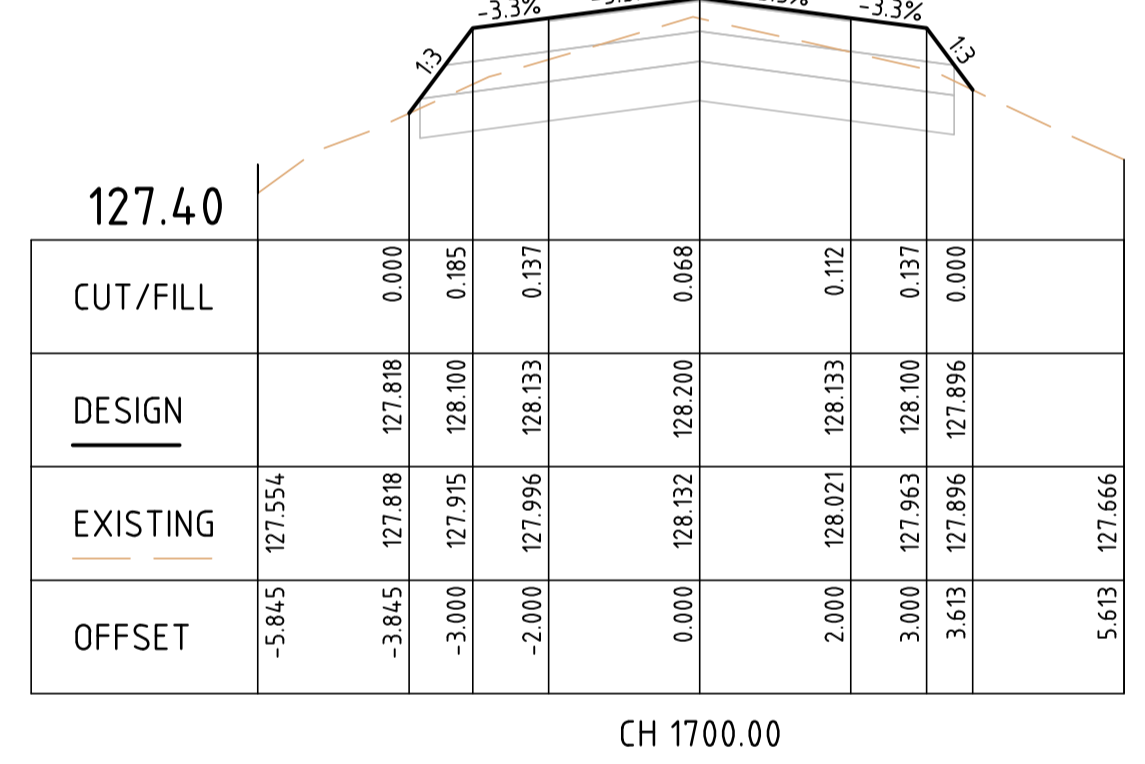
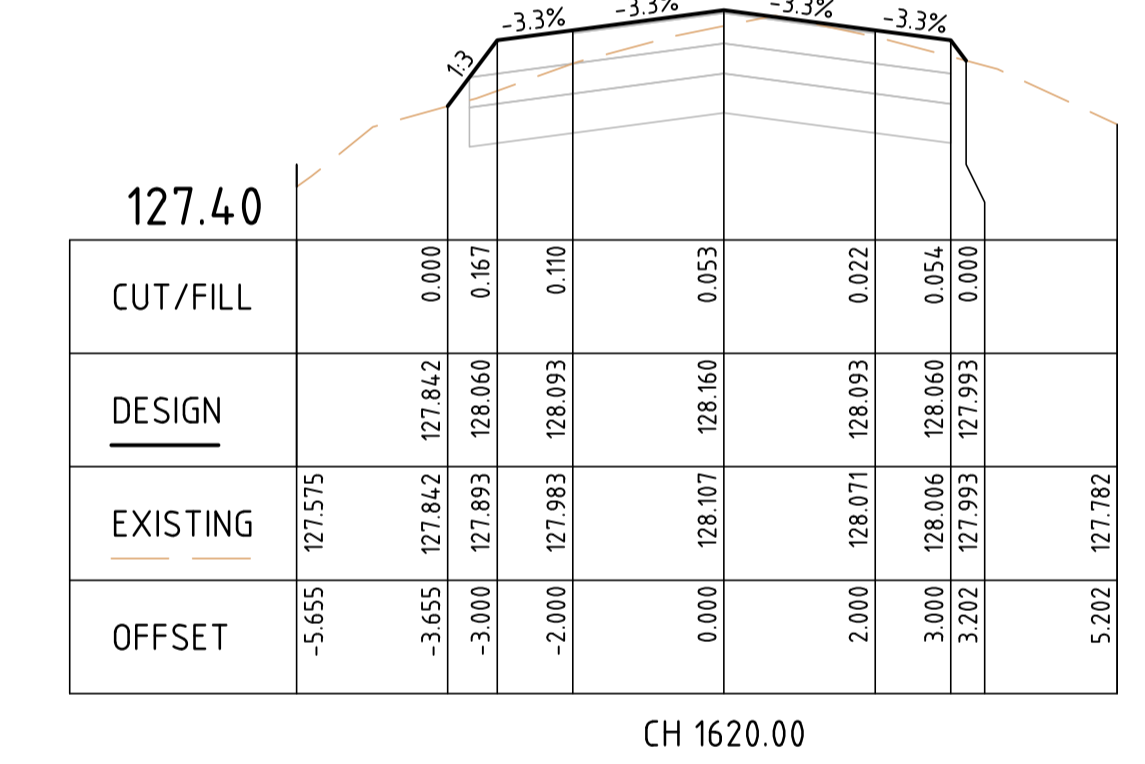
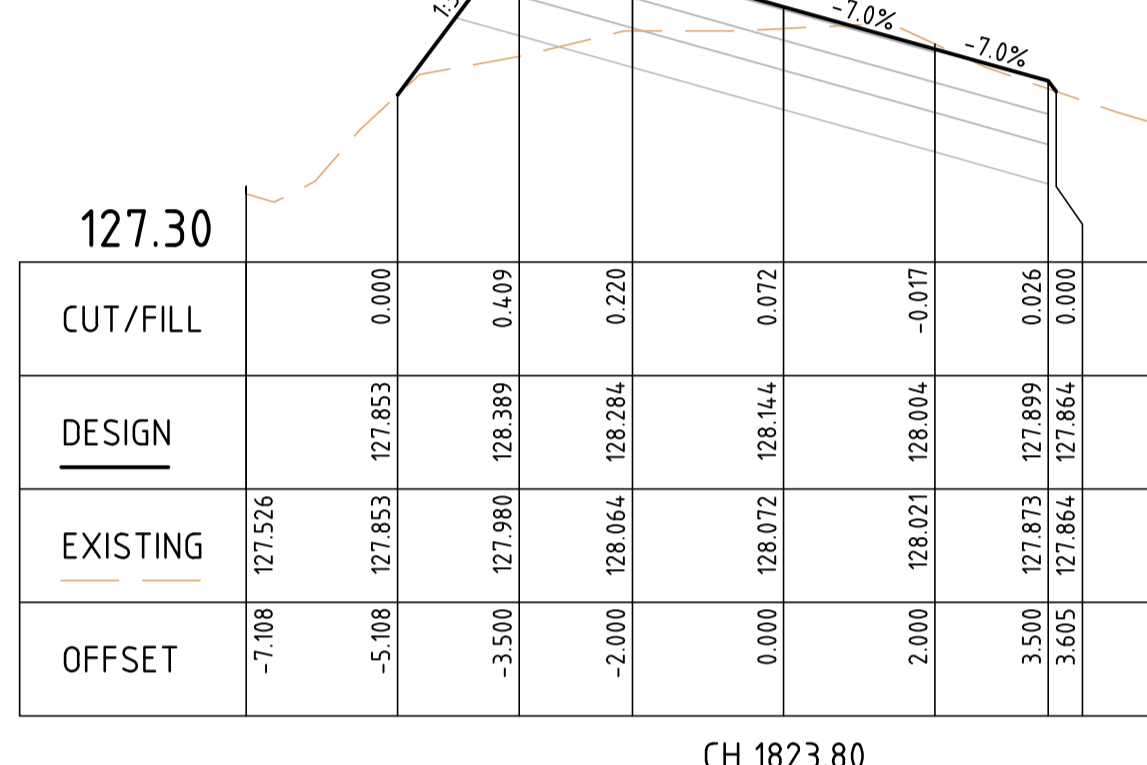
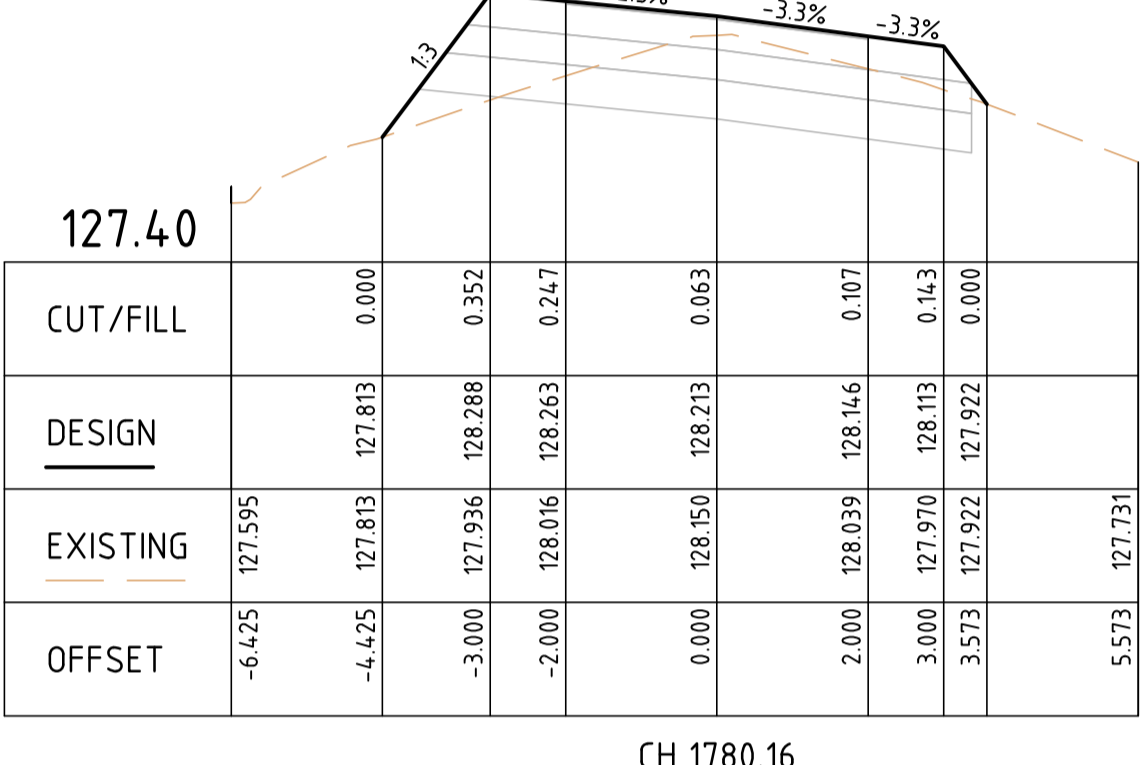
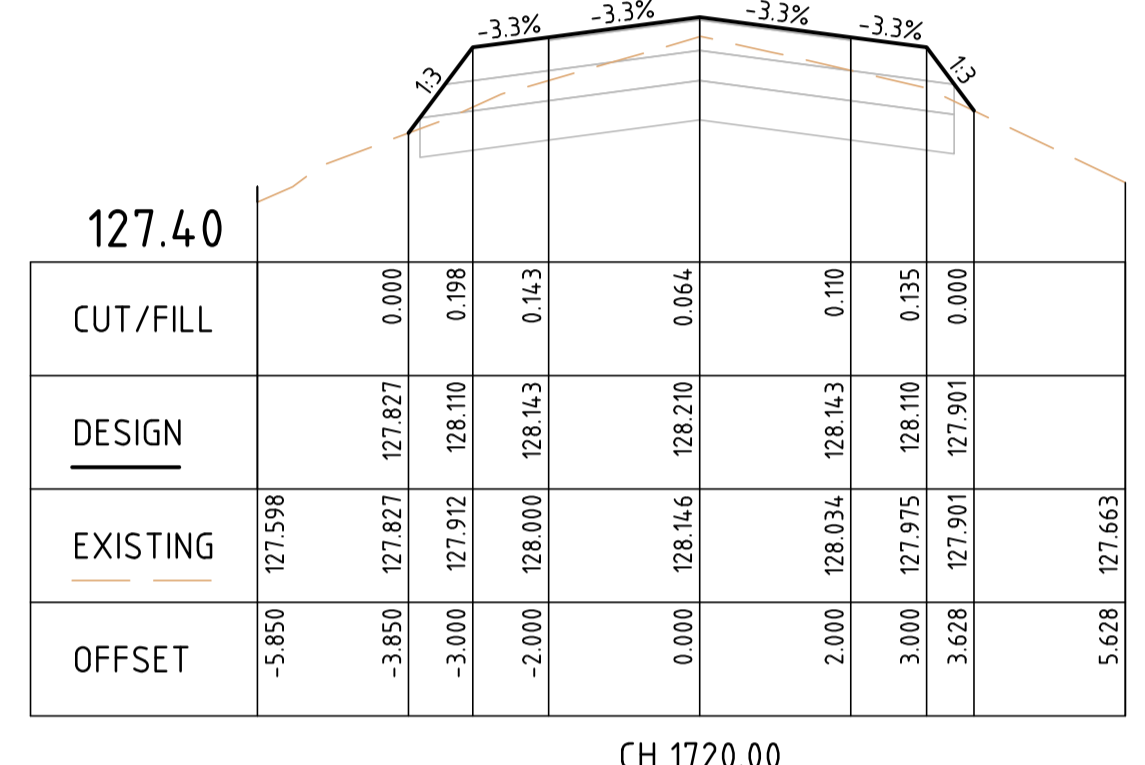
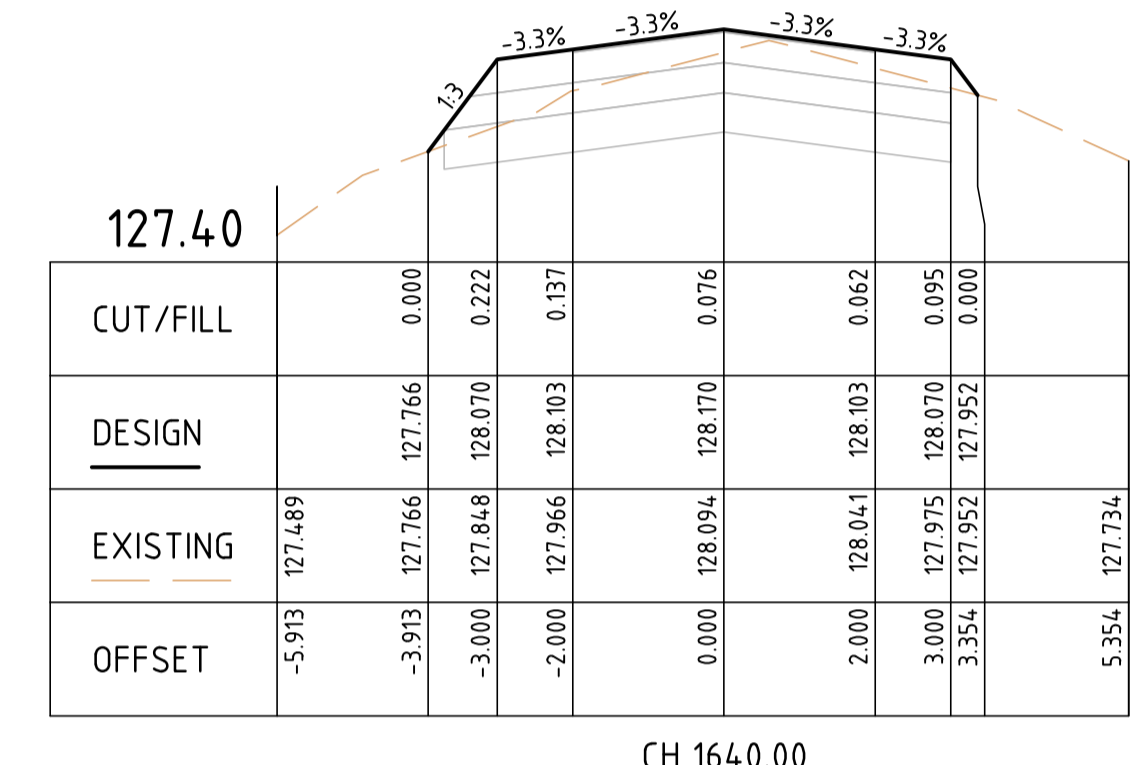
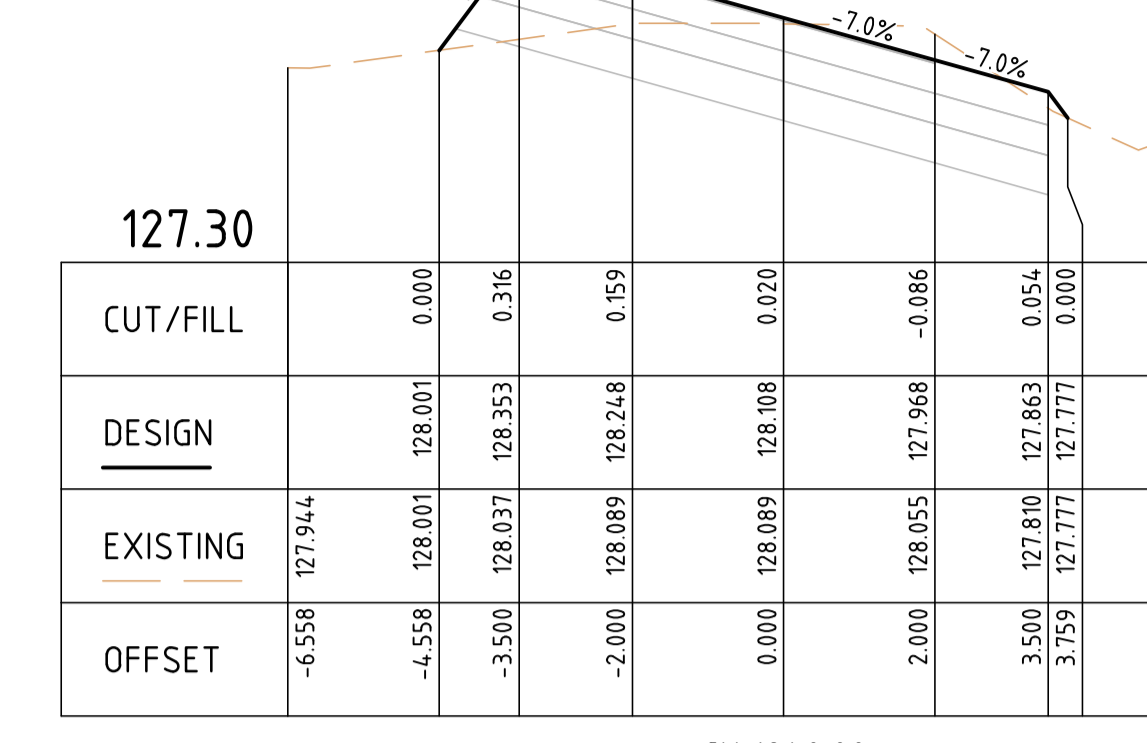
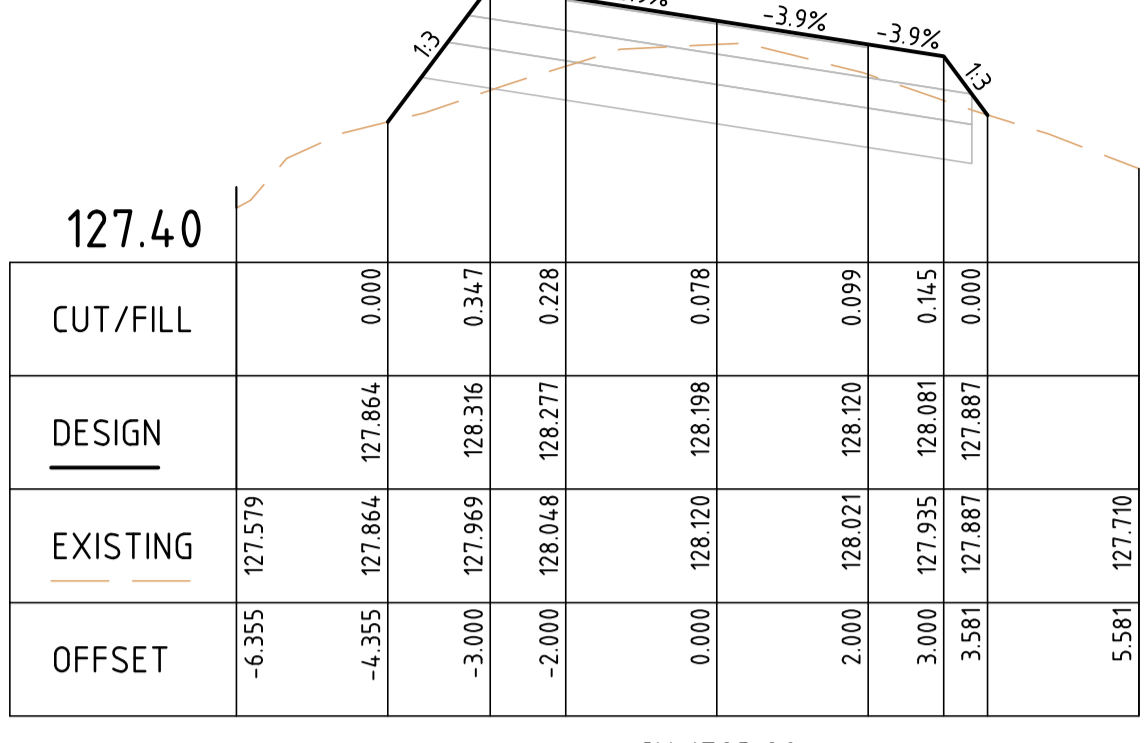
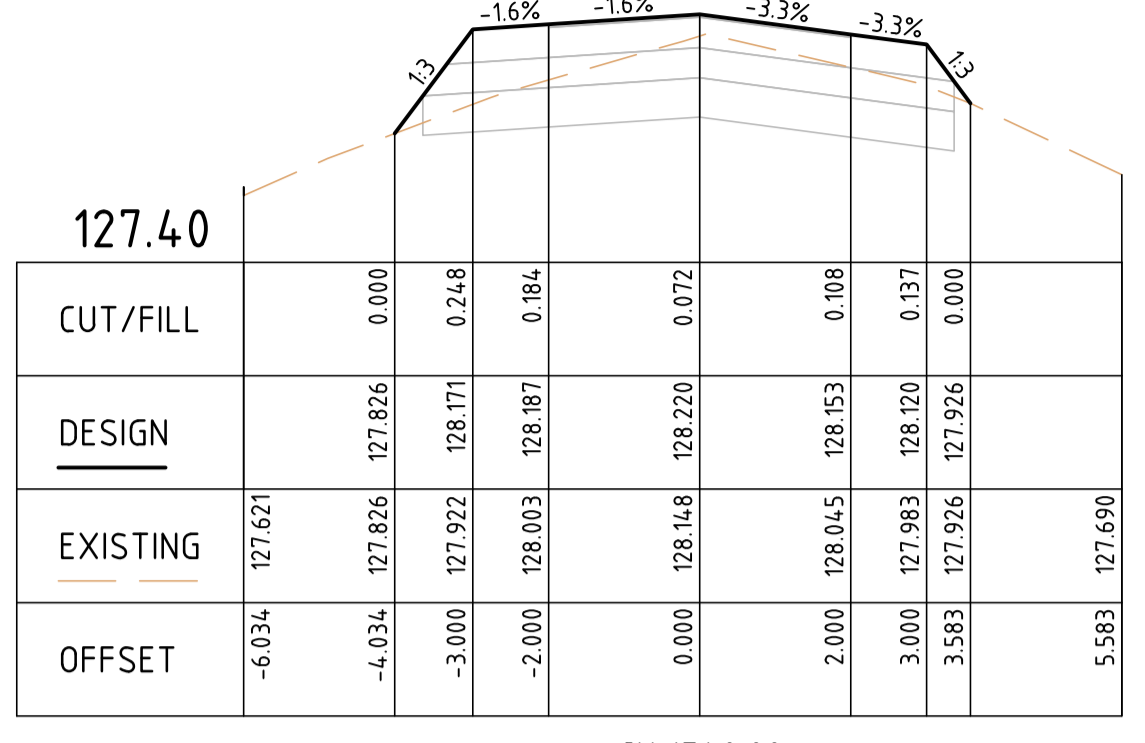
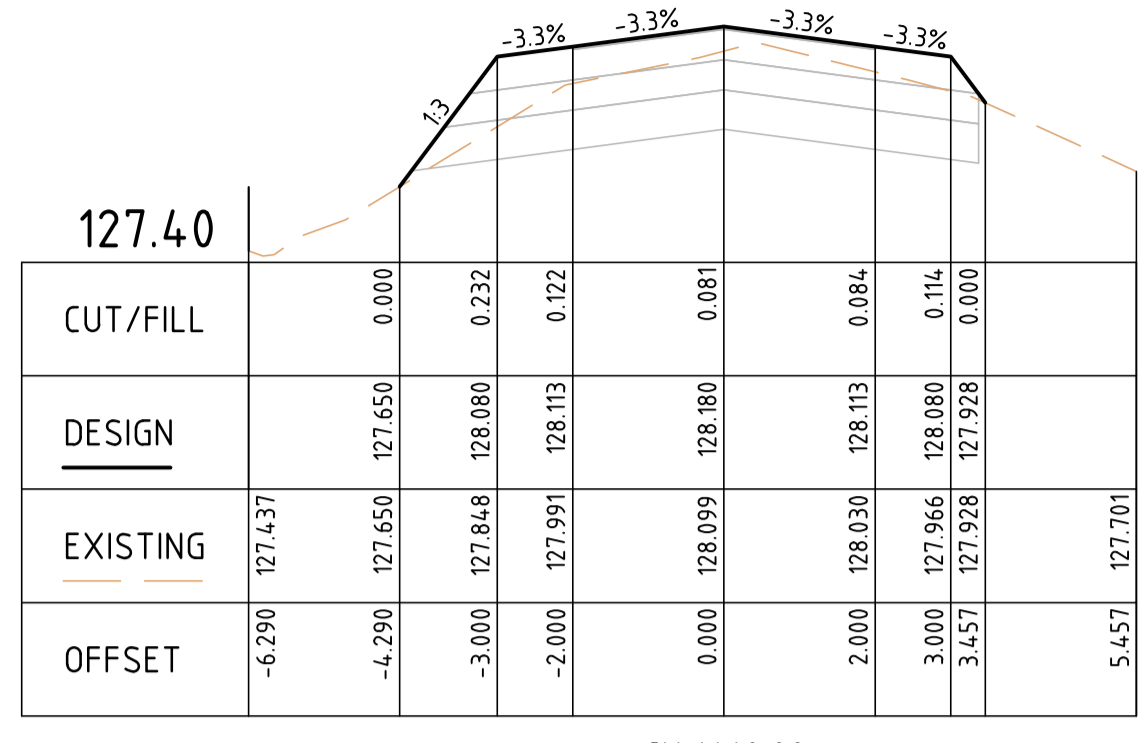
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

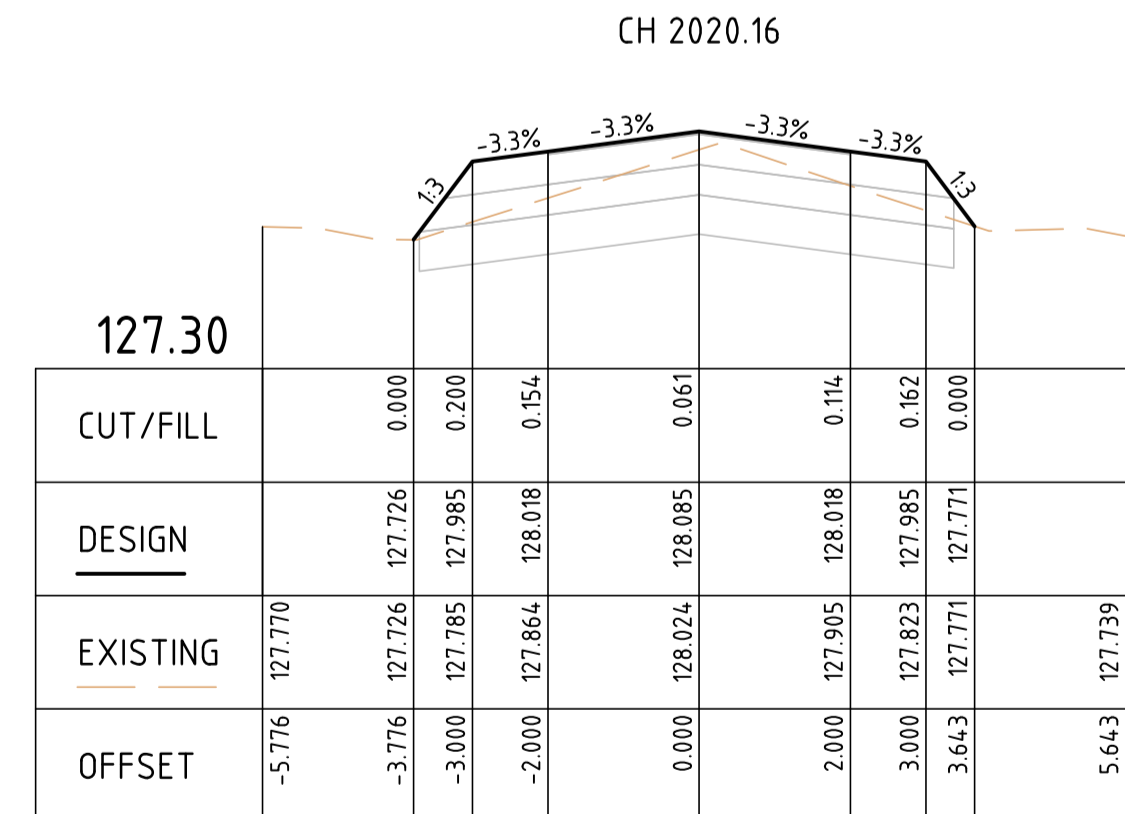
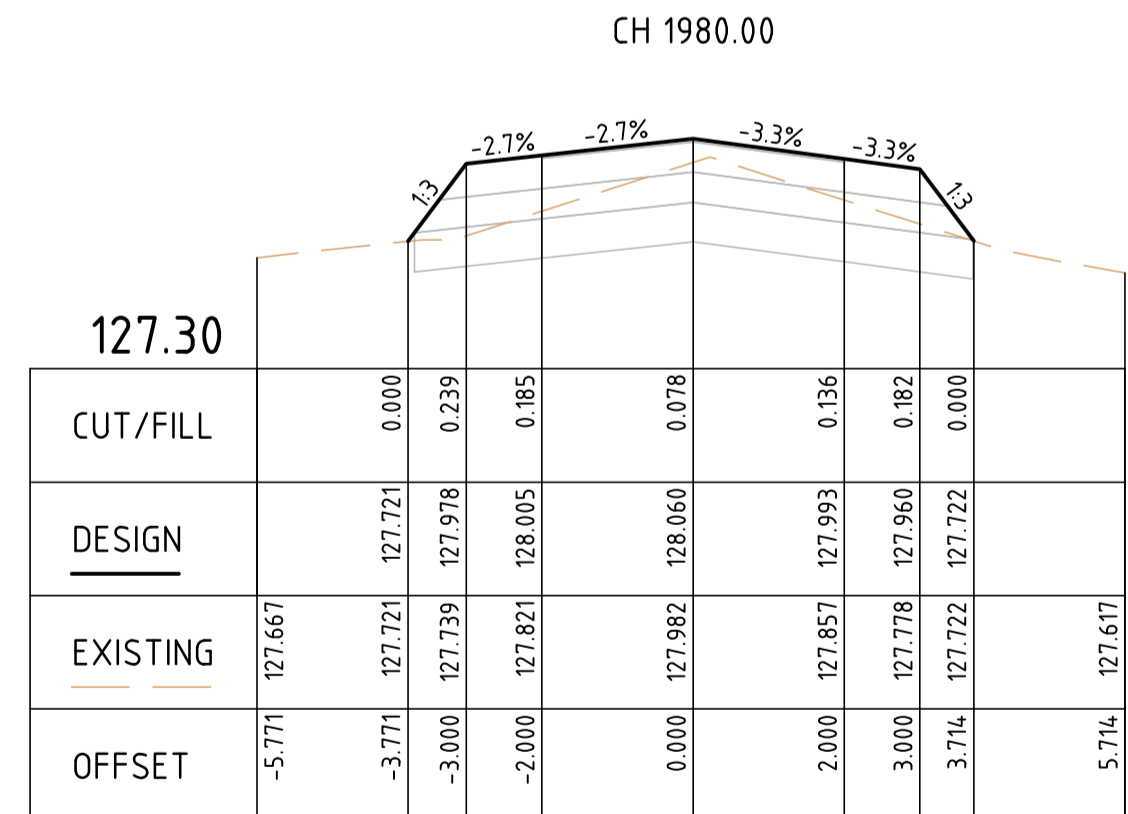
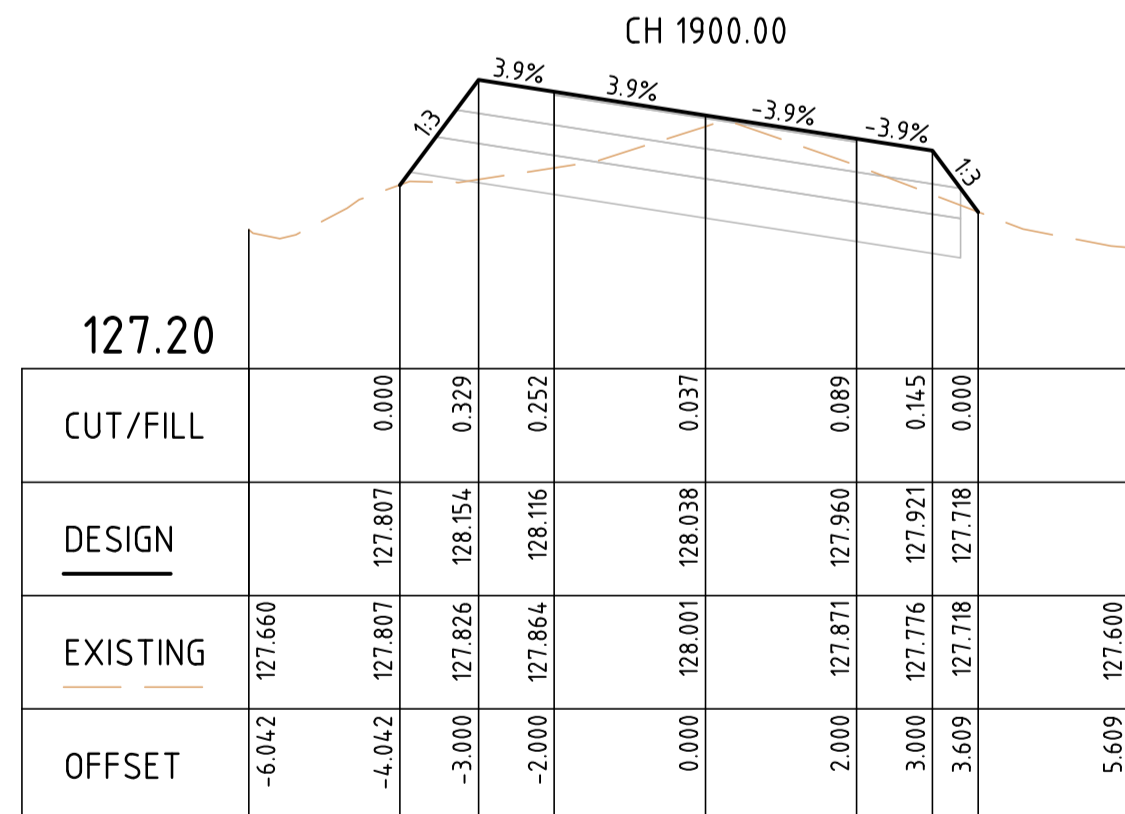
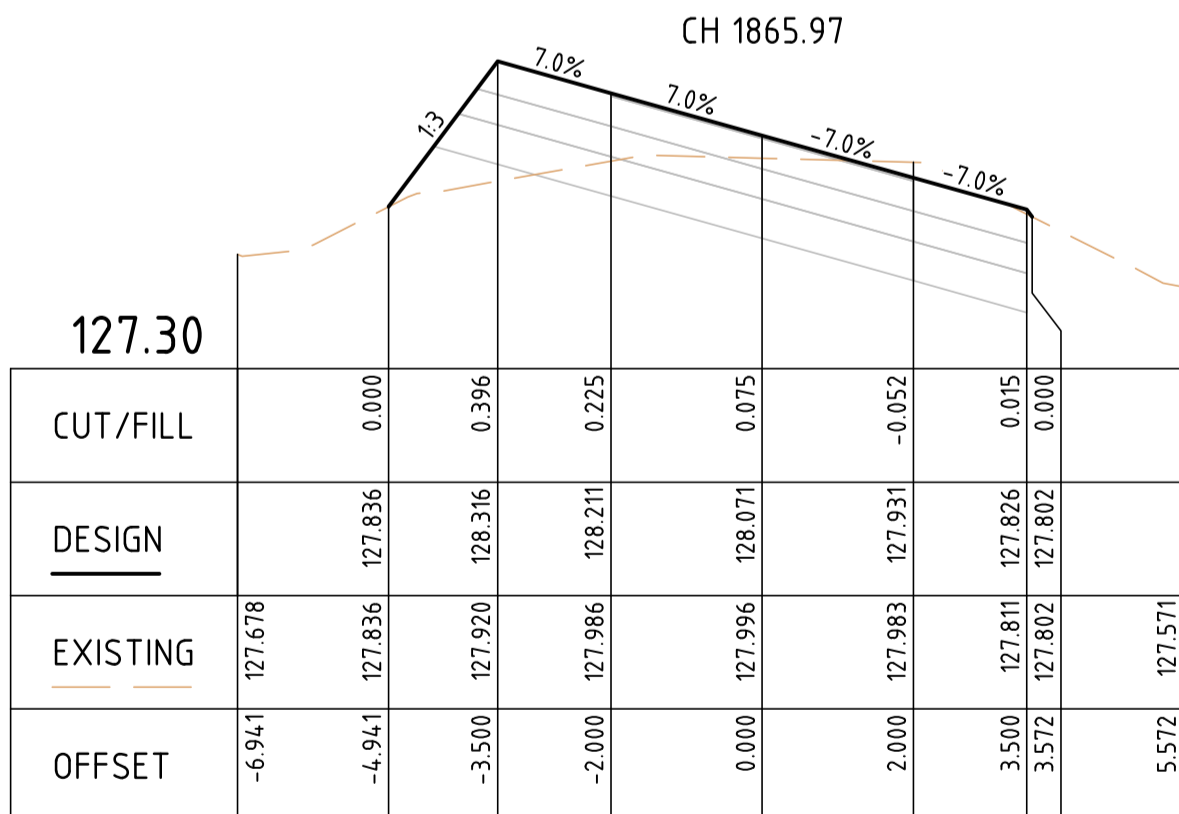
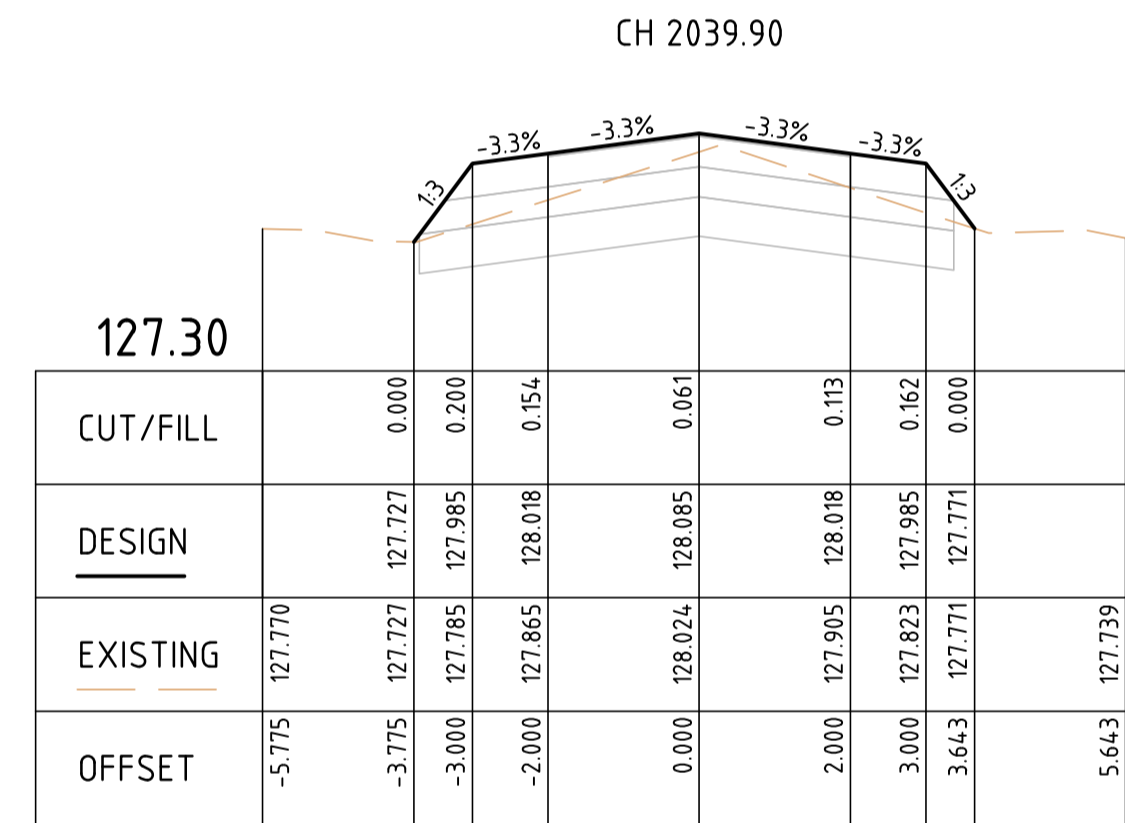
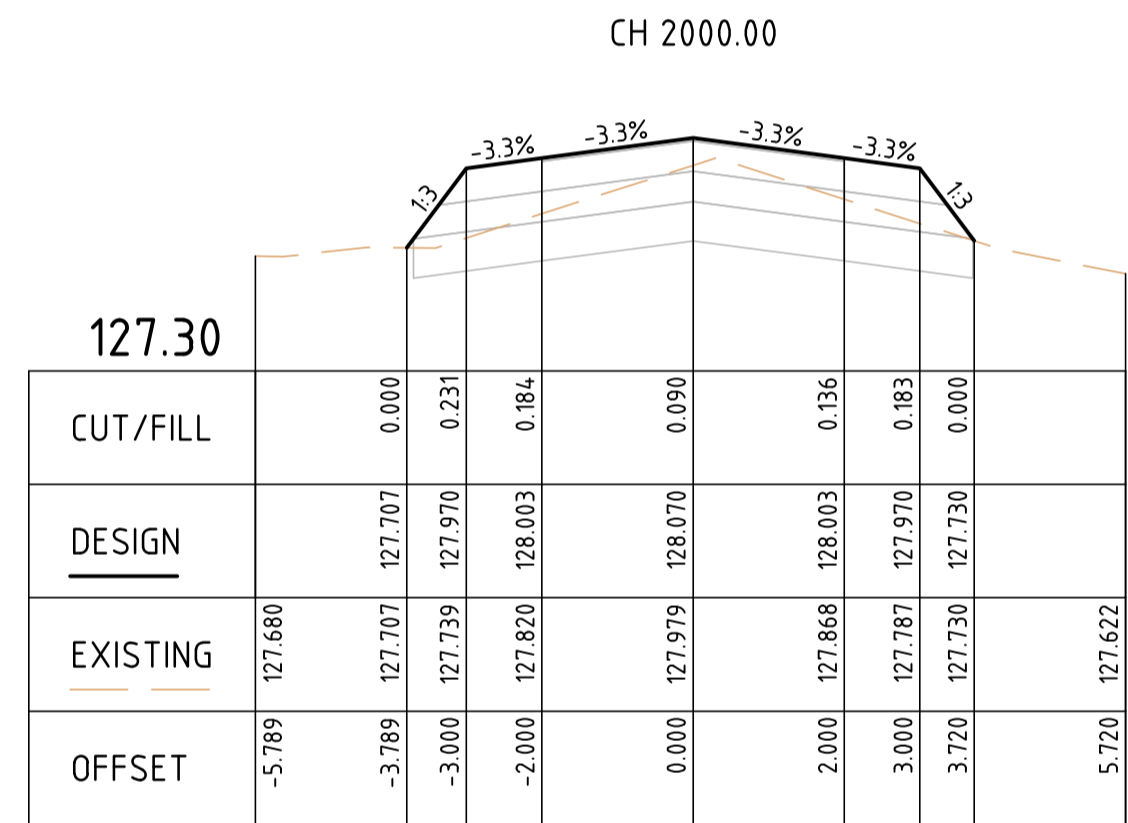
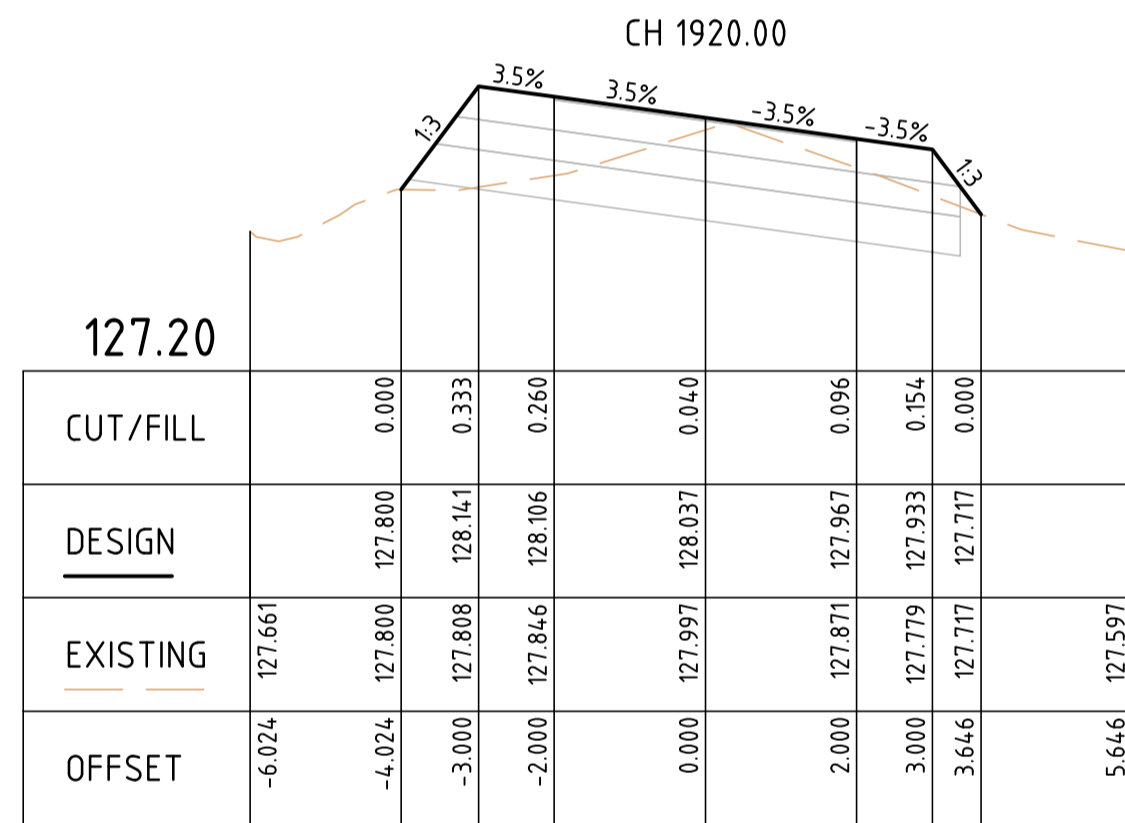
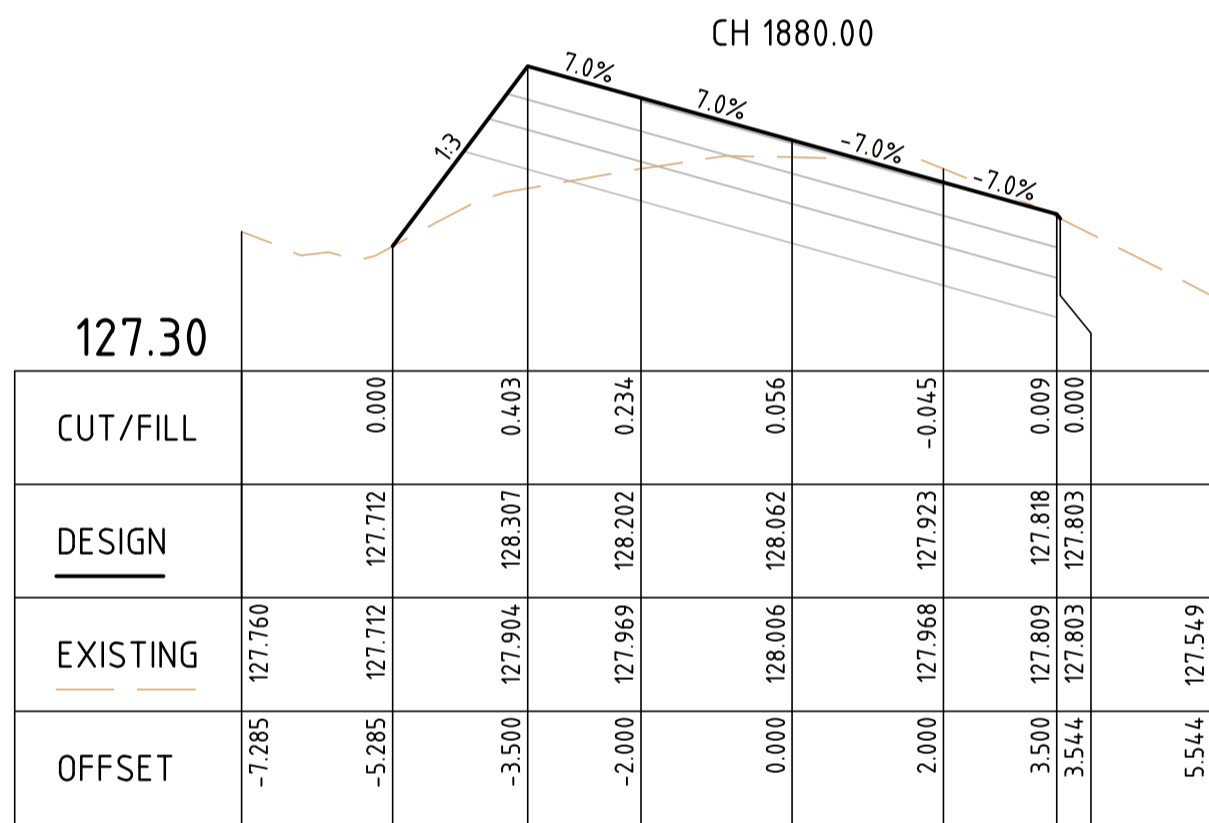
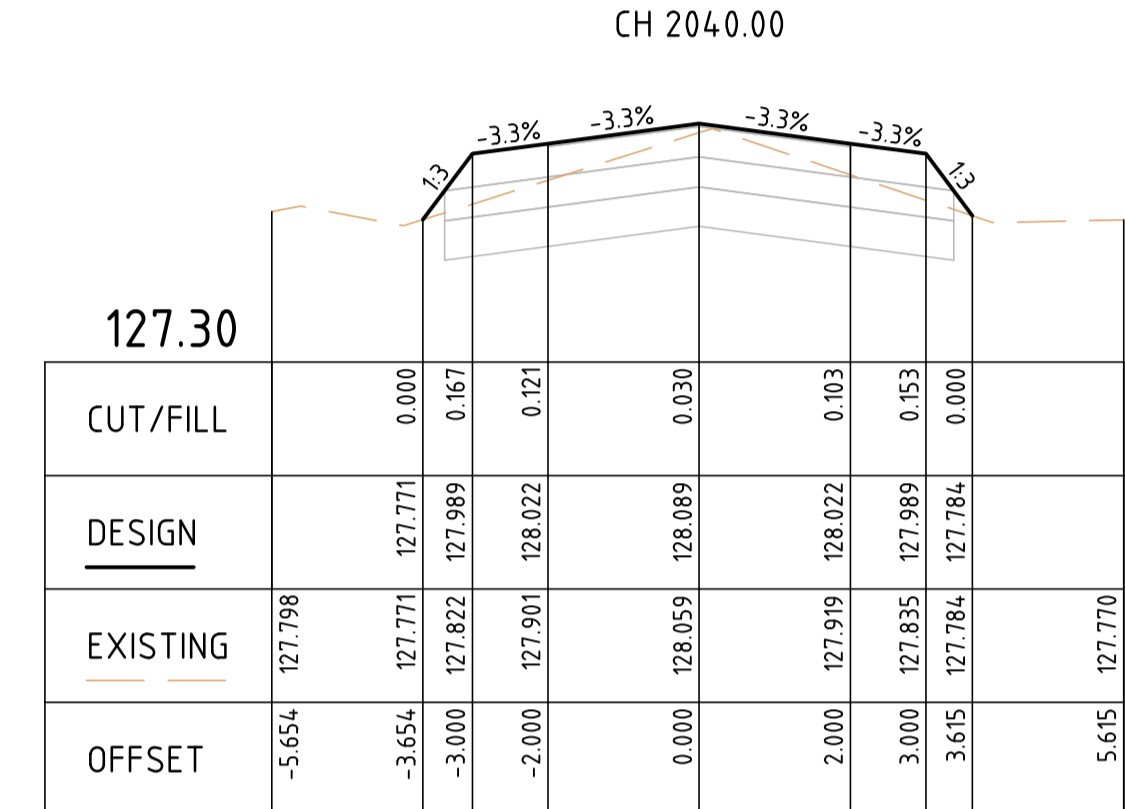
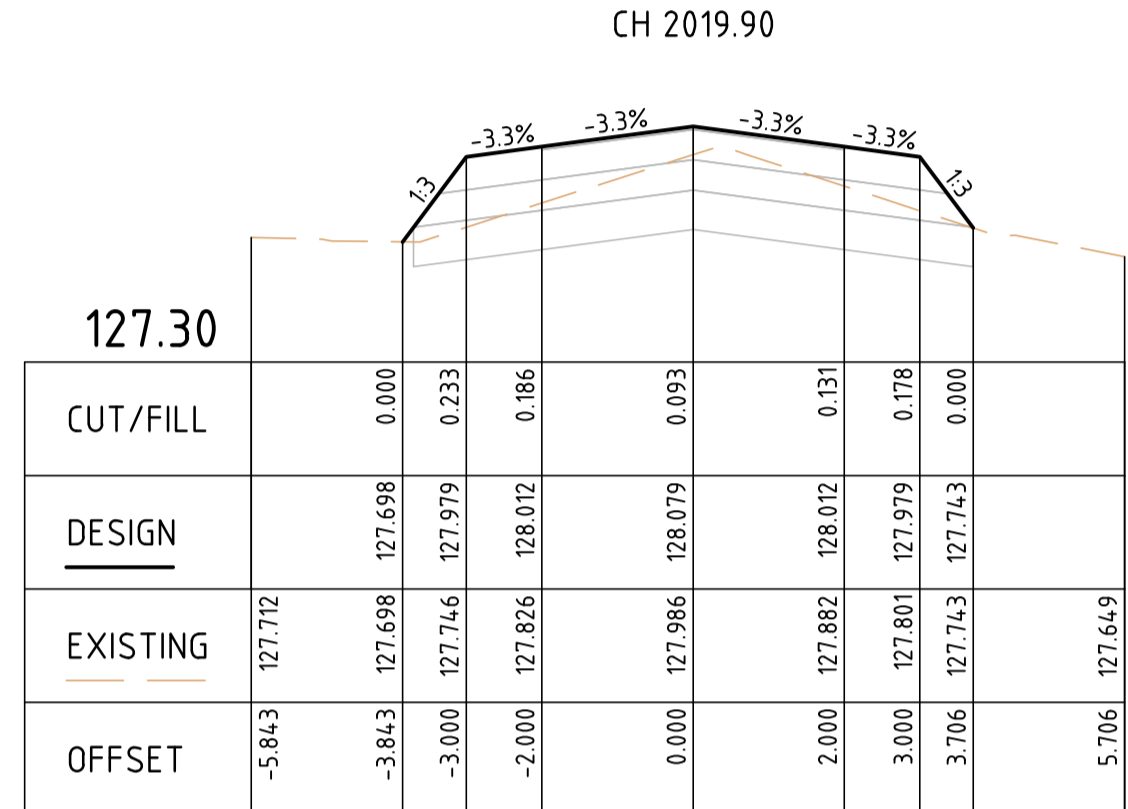
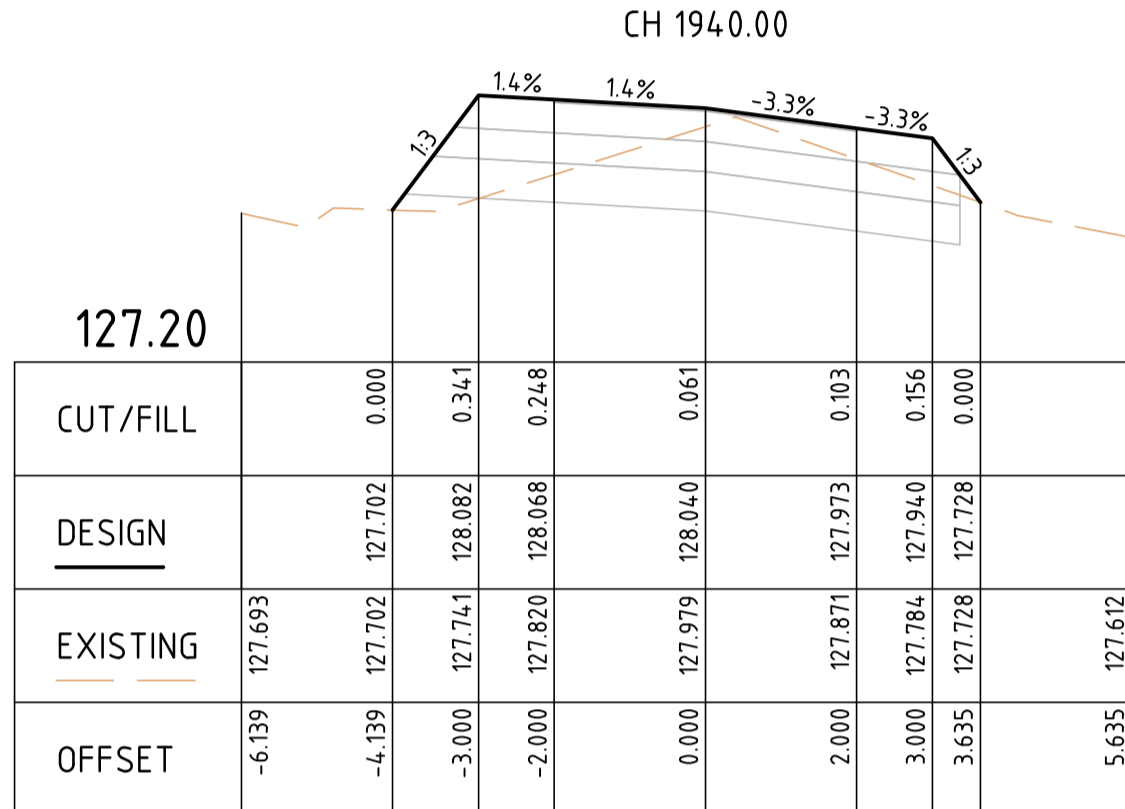
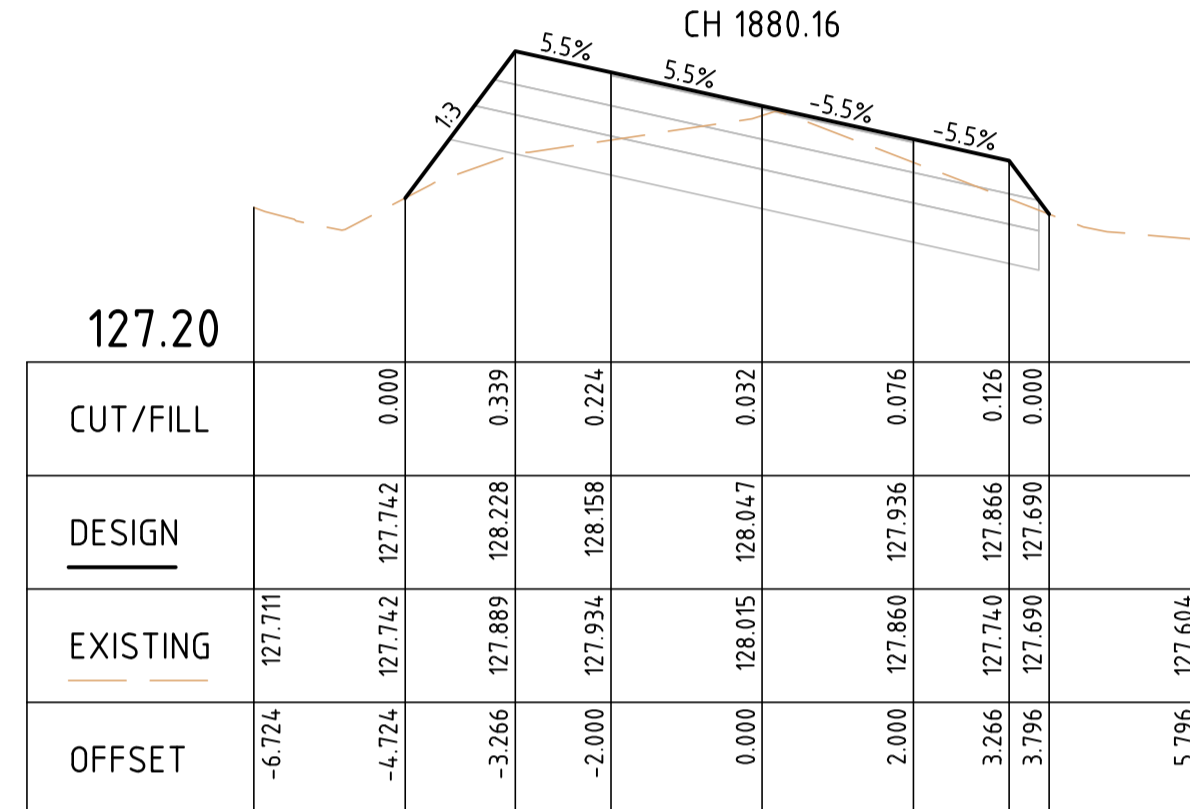
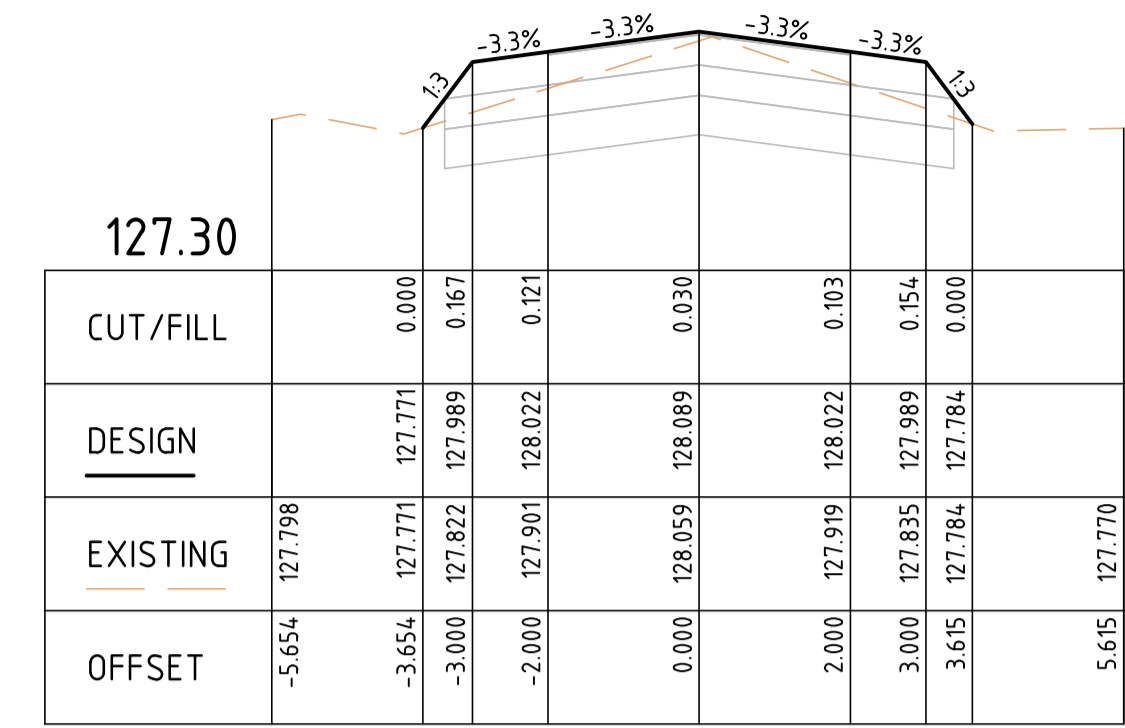
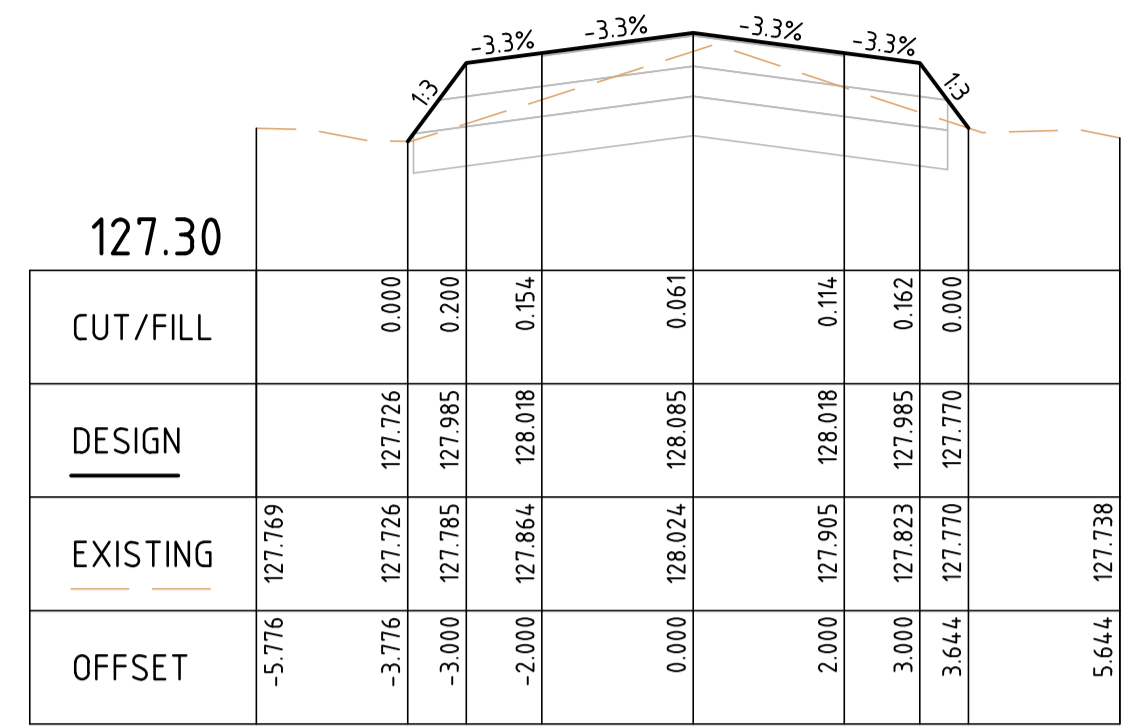
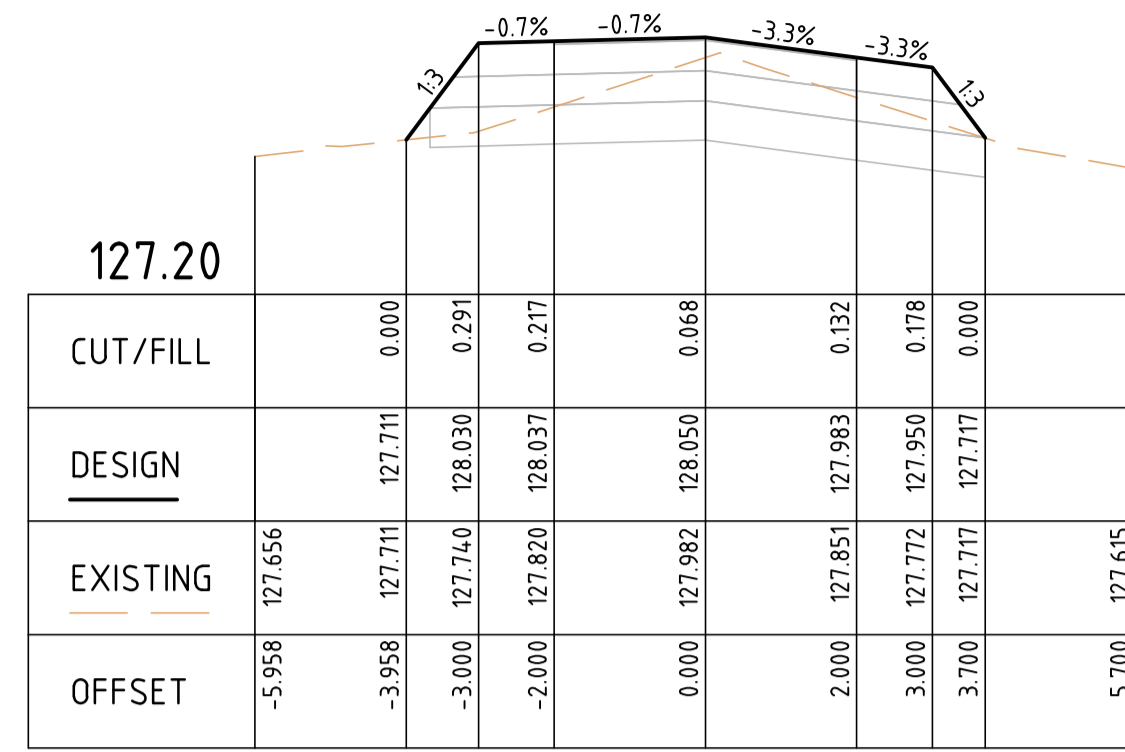
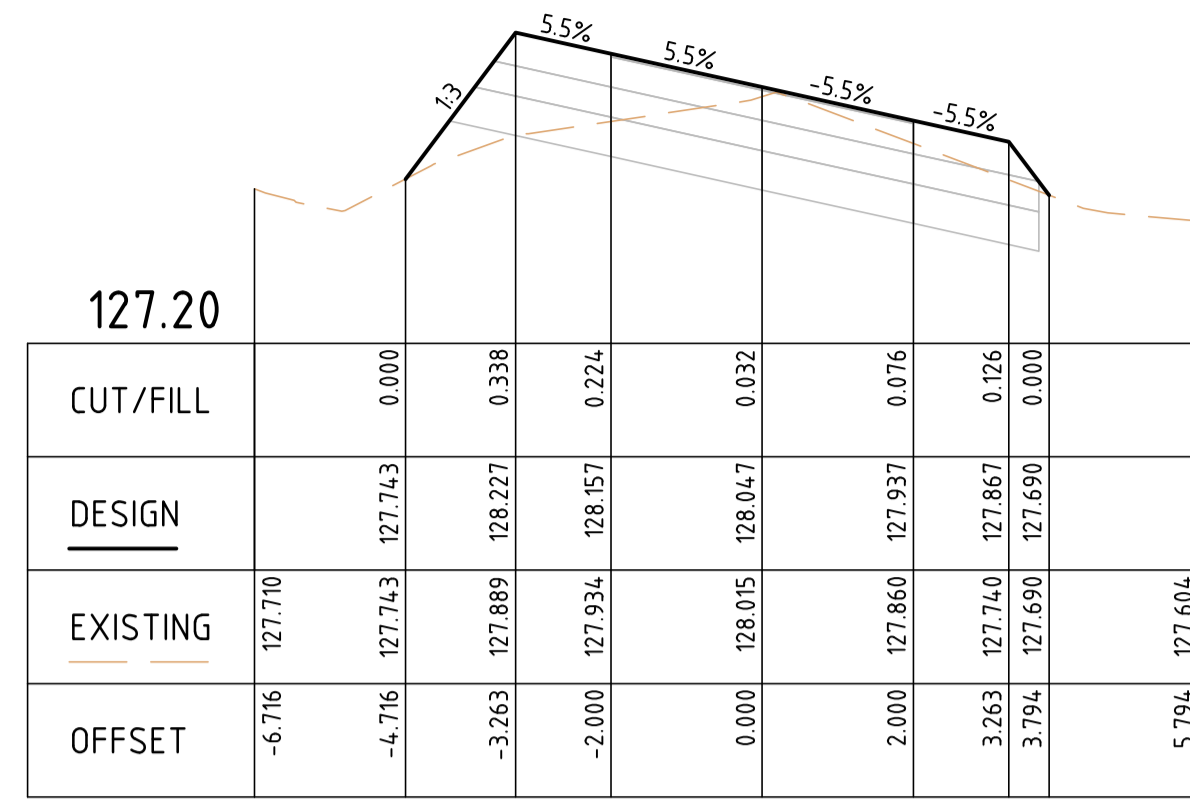
CAF
CONSULTING

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | |
|---|--|--------------------------------------|-----------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Property: | | Cad File: 3697_C39 ROAD.CSDWG | |
| Title: ROAD CROSS SECTIONS | | Scale: SCALE AS SHOWN | Size: A1 |
| | | Drawing No: 3697 / C48 | Sheet: 48 of 56 |
| | | | Issue: G |

WEIR ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)





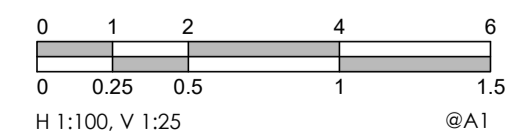
WEIR ROAD CROSS SECTIONS

SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

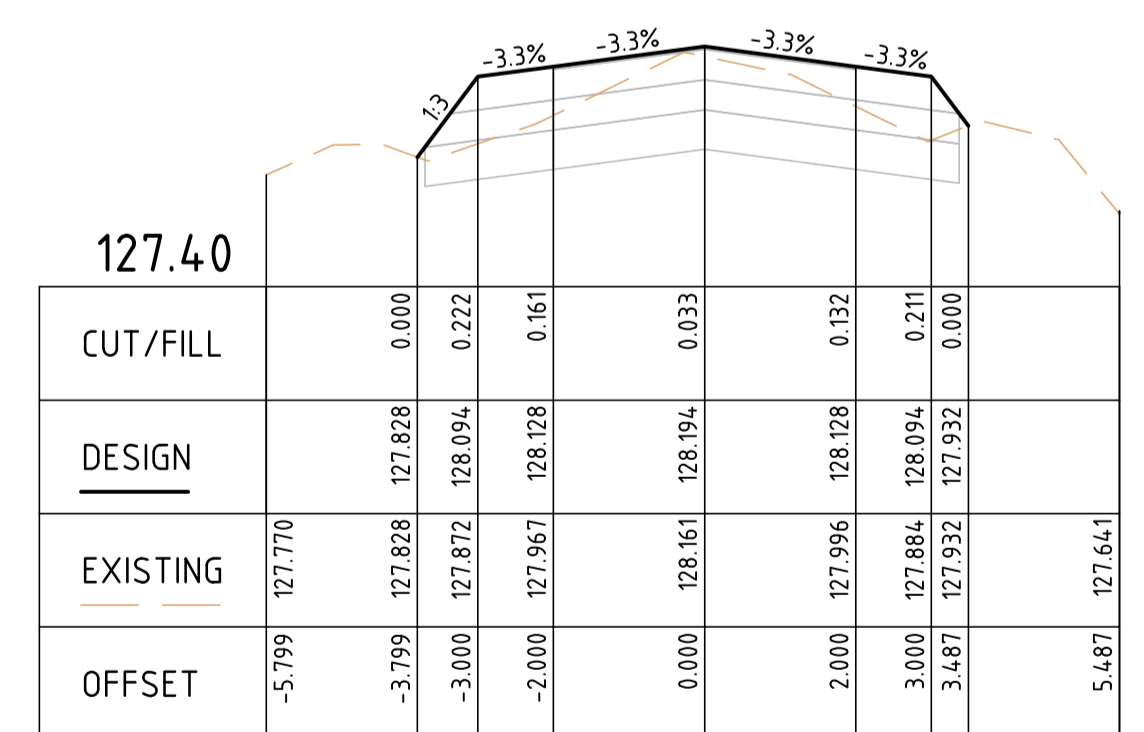
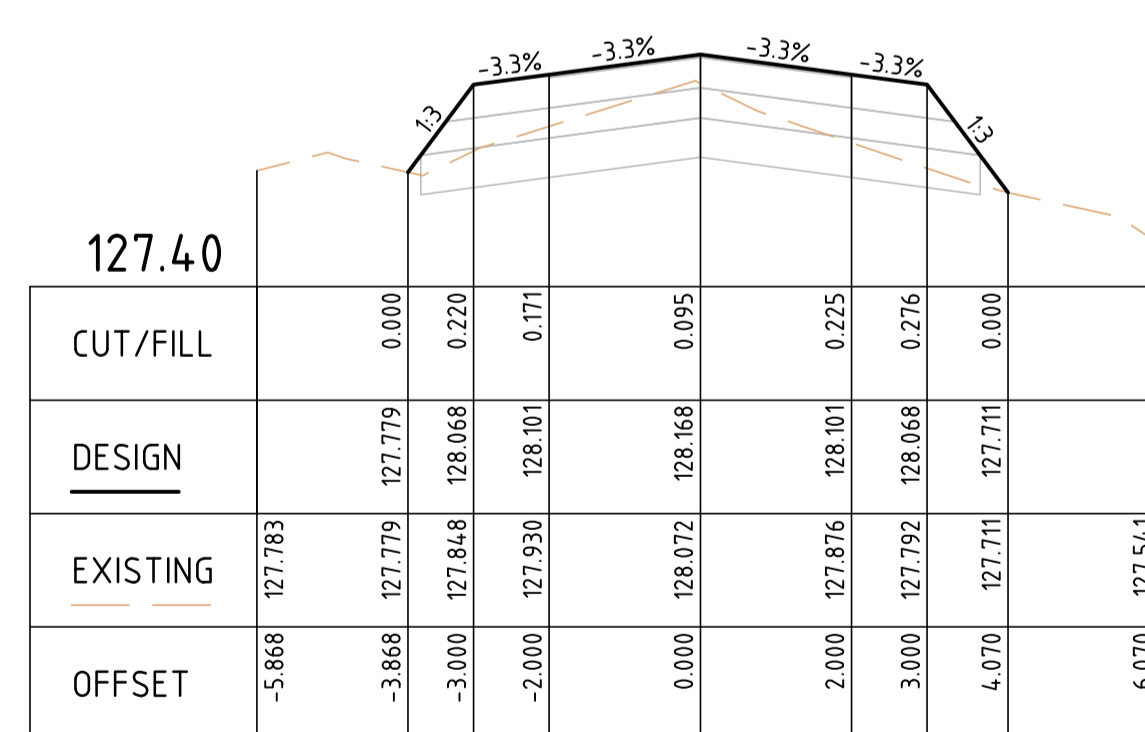
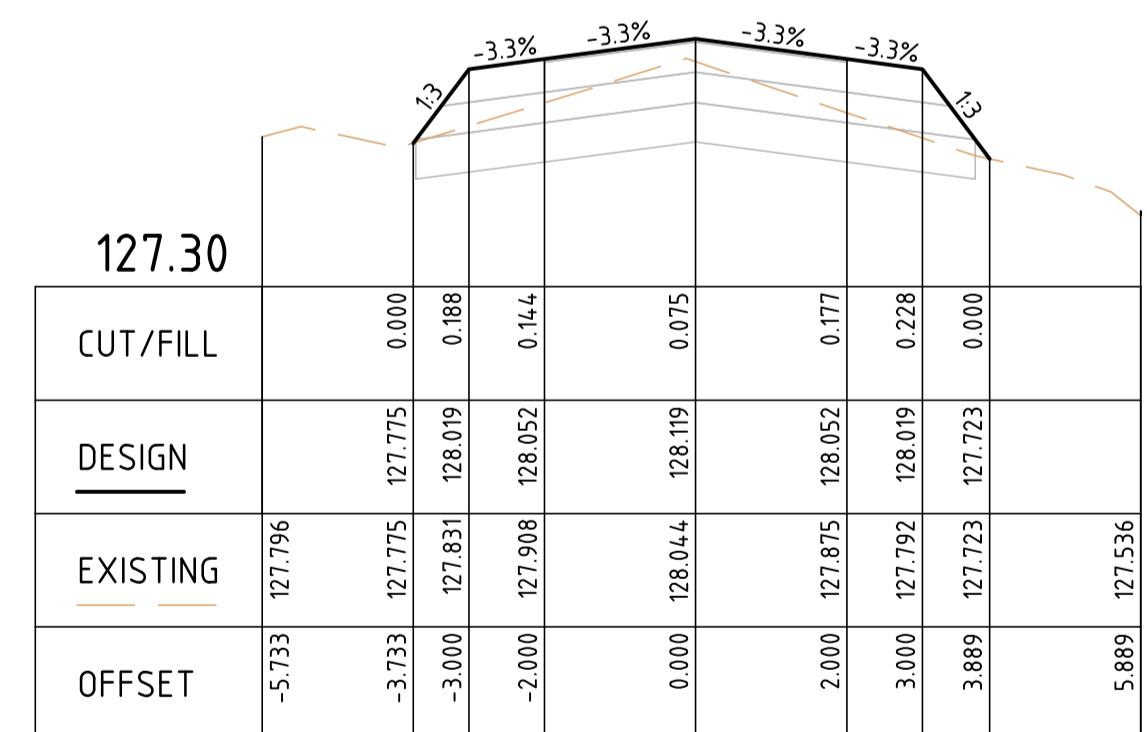
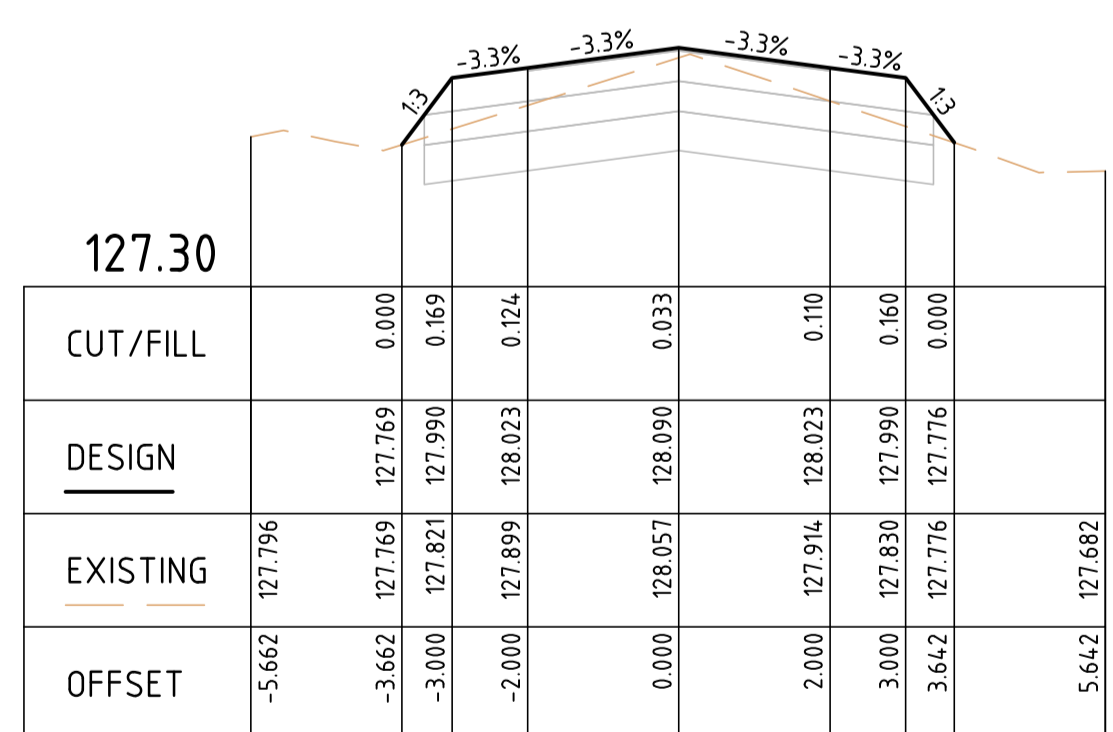
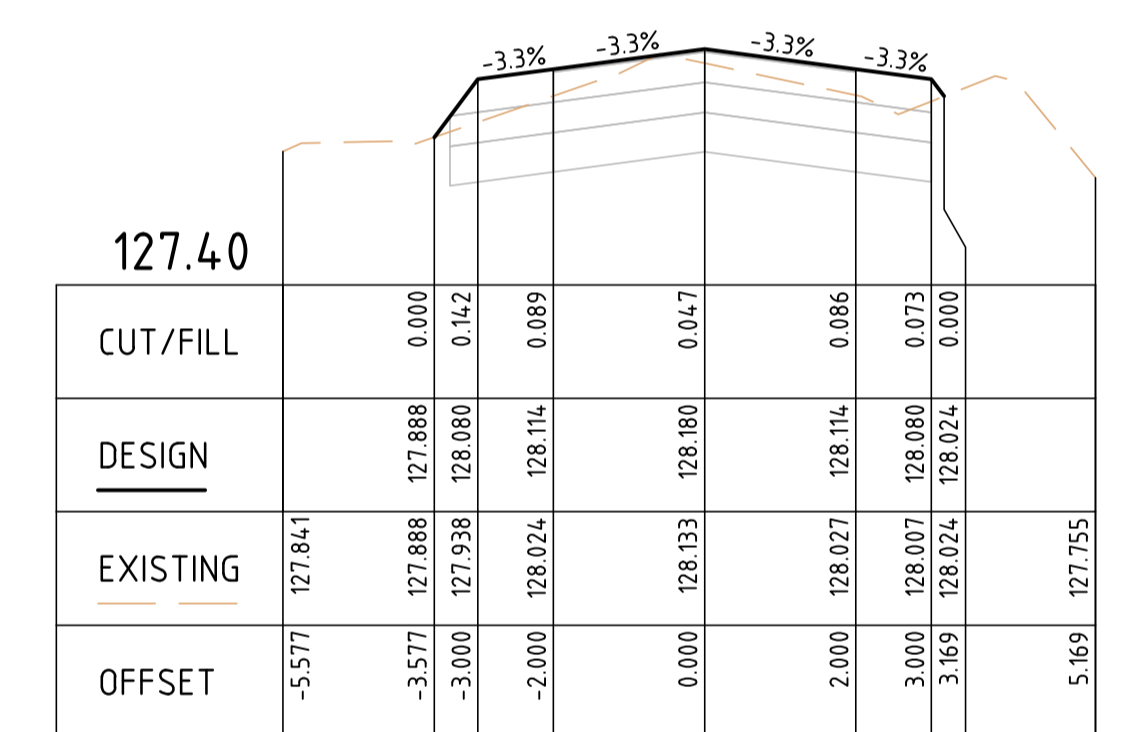
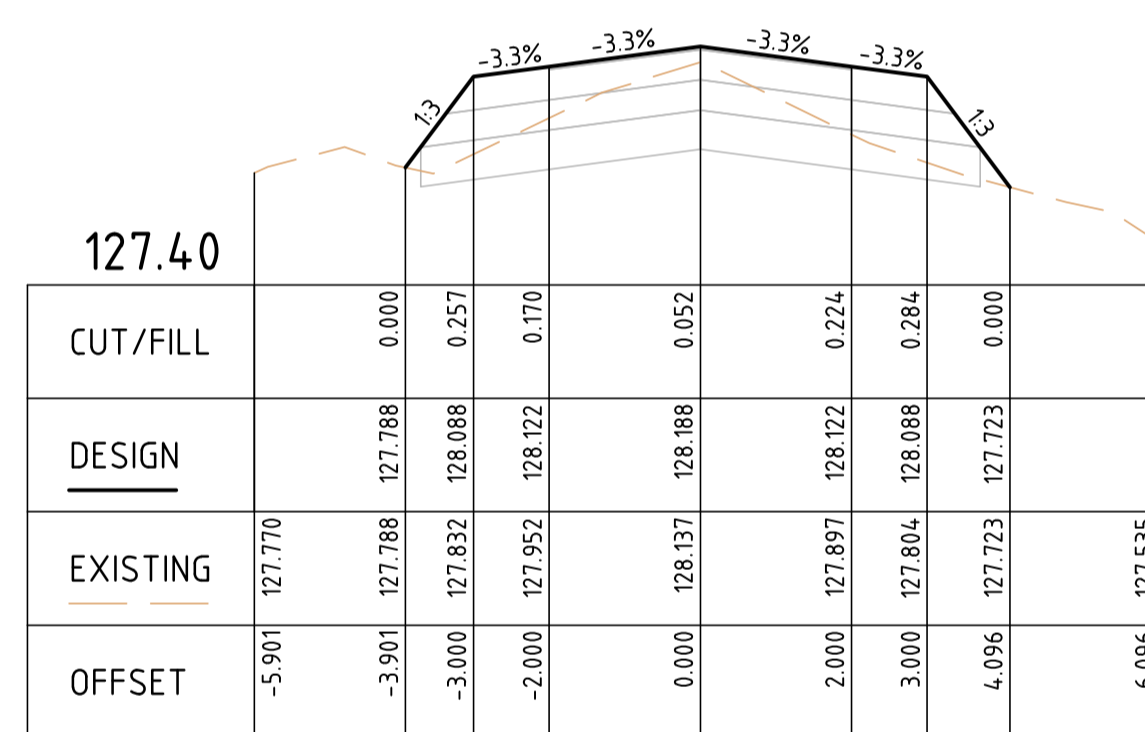
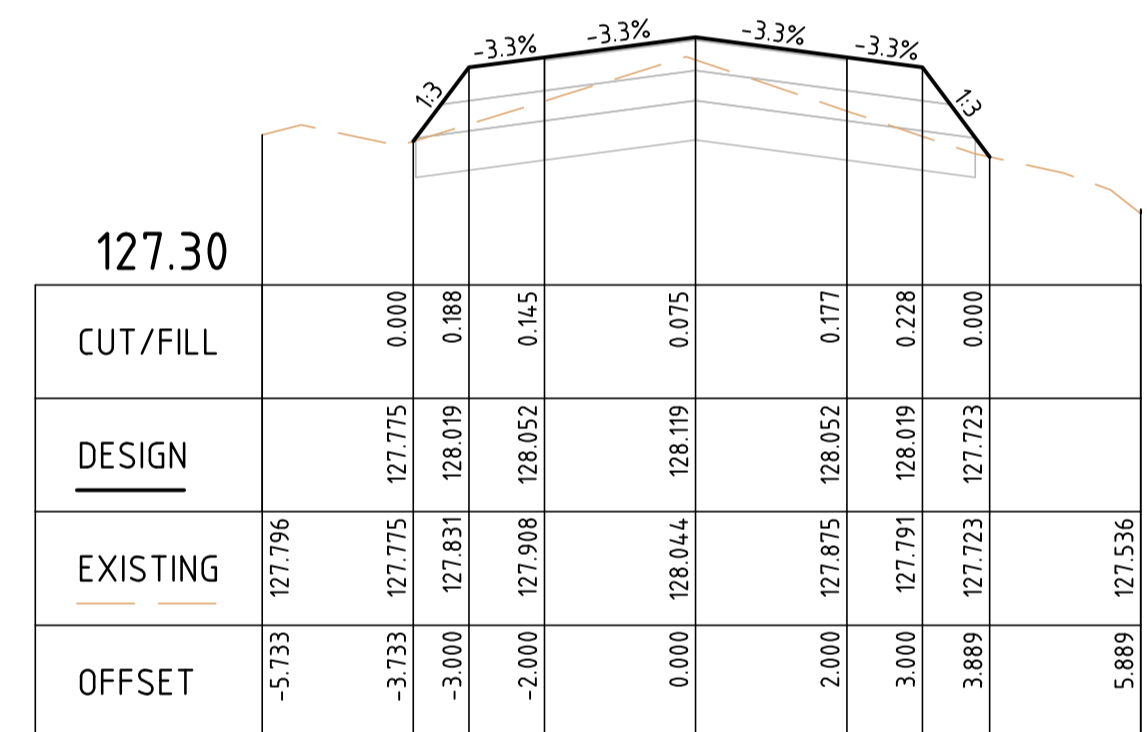
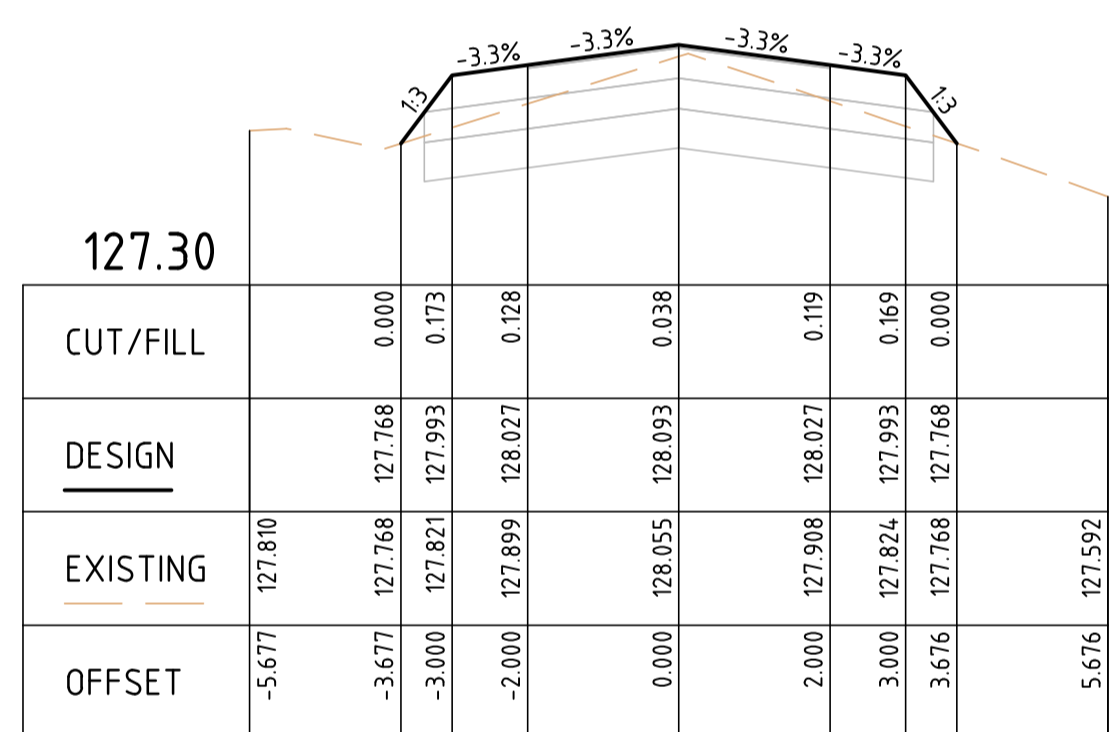
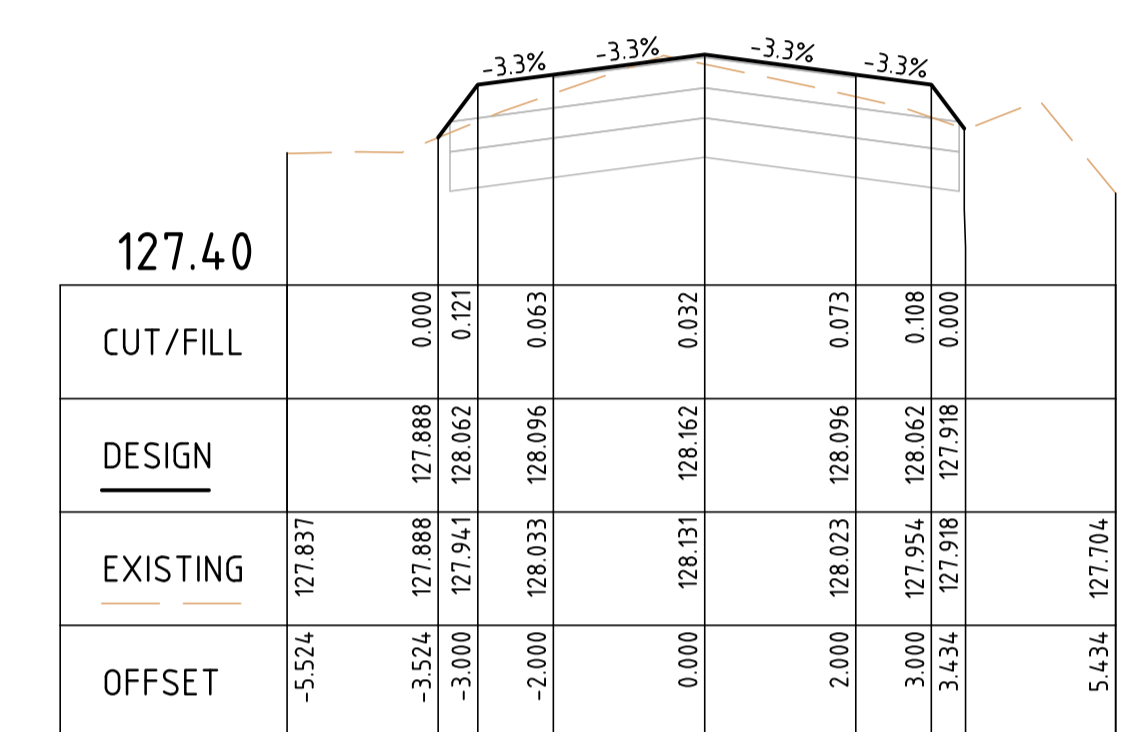
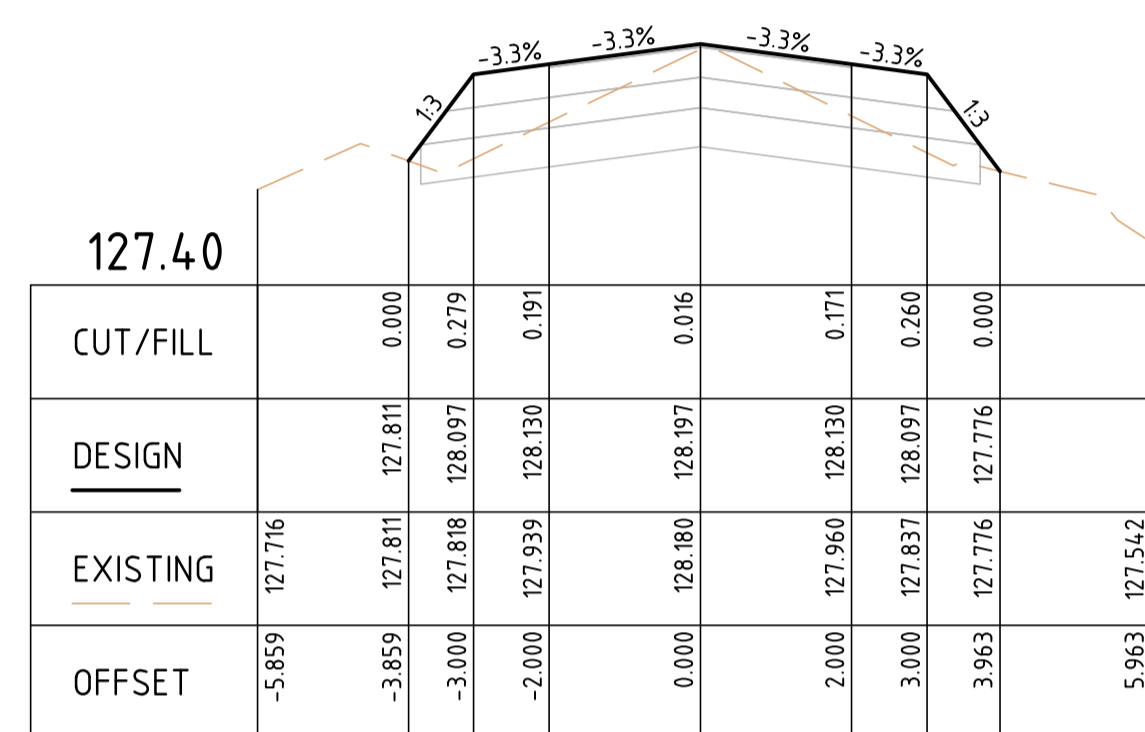
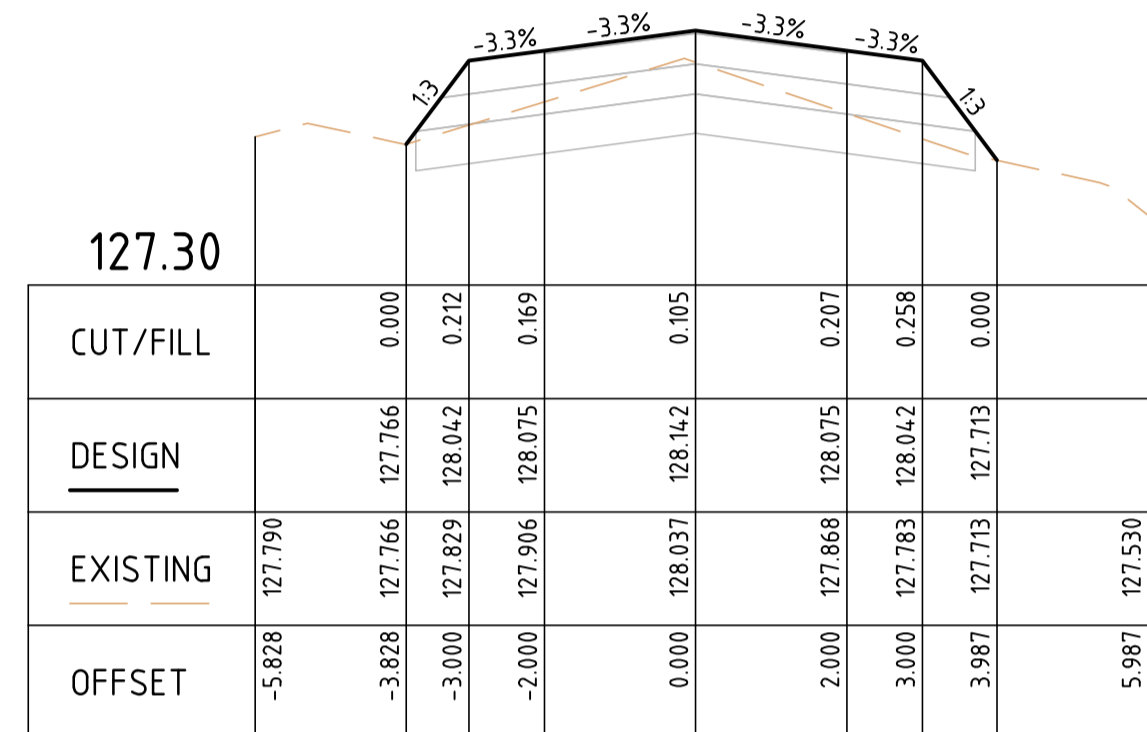
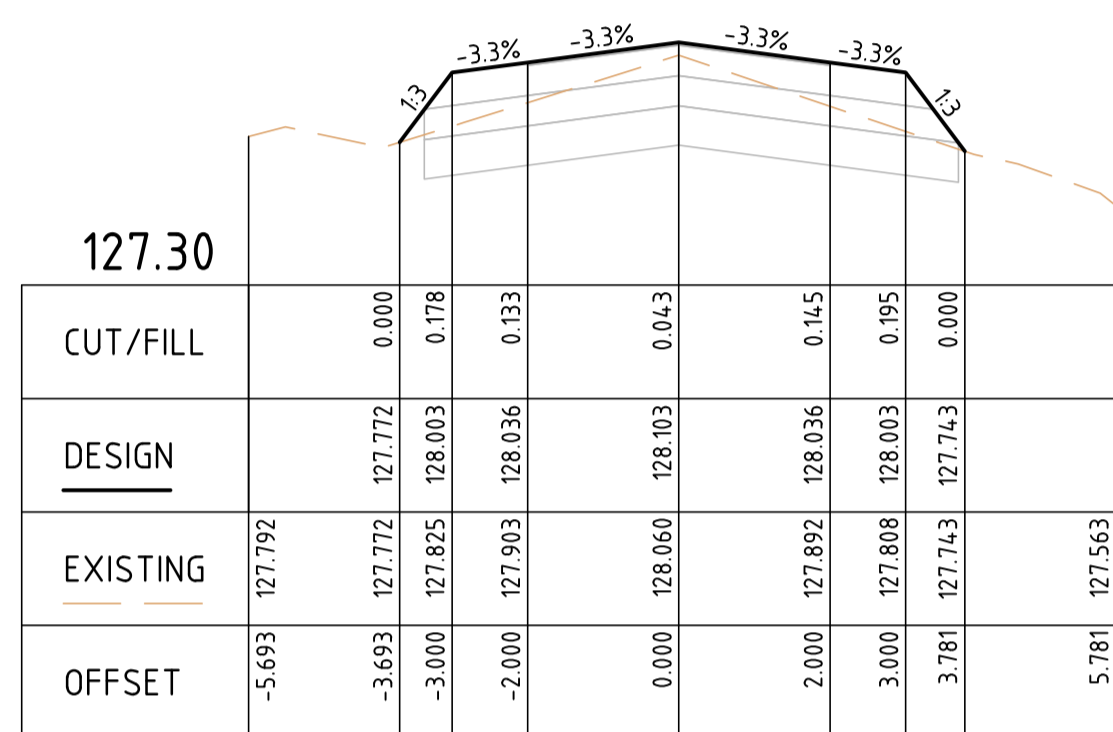
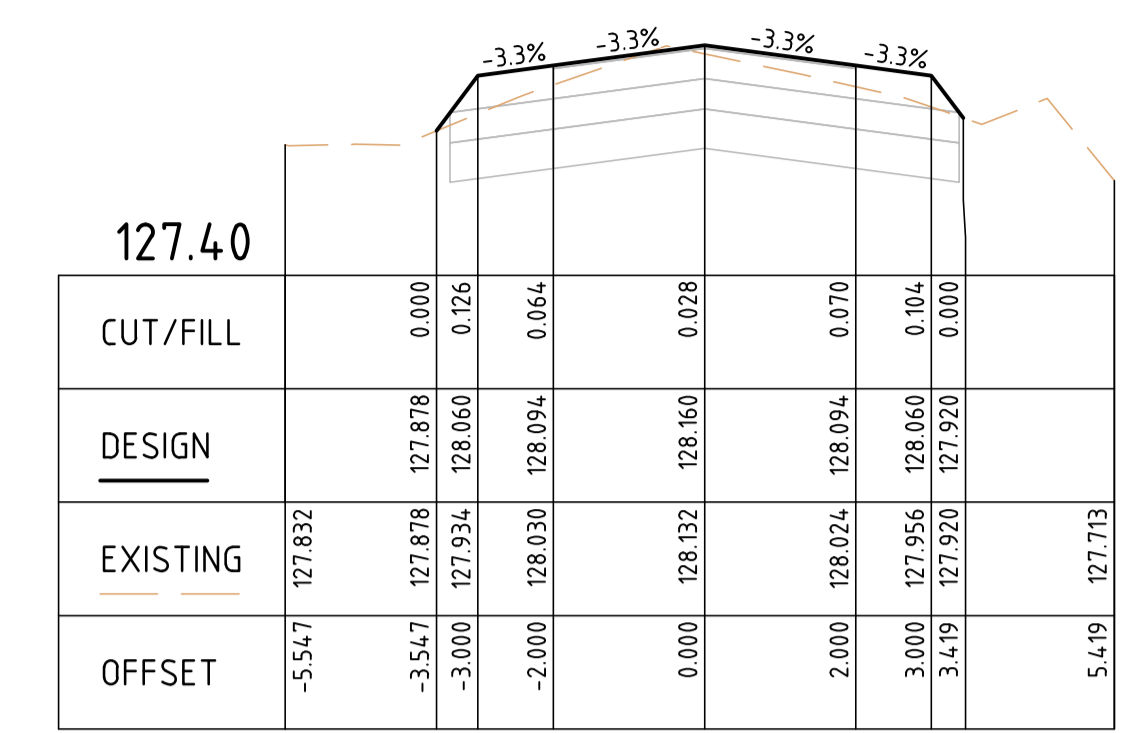
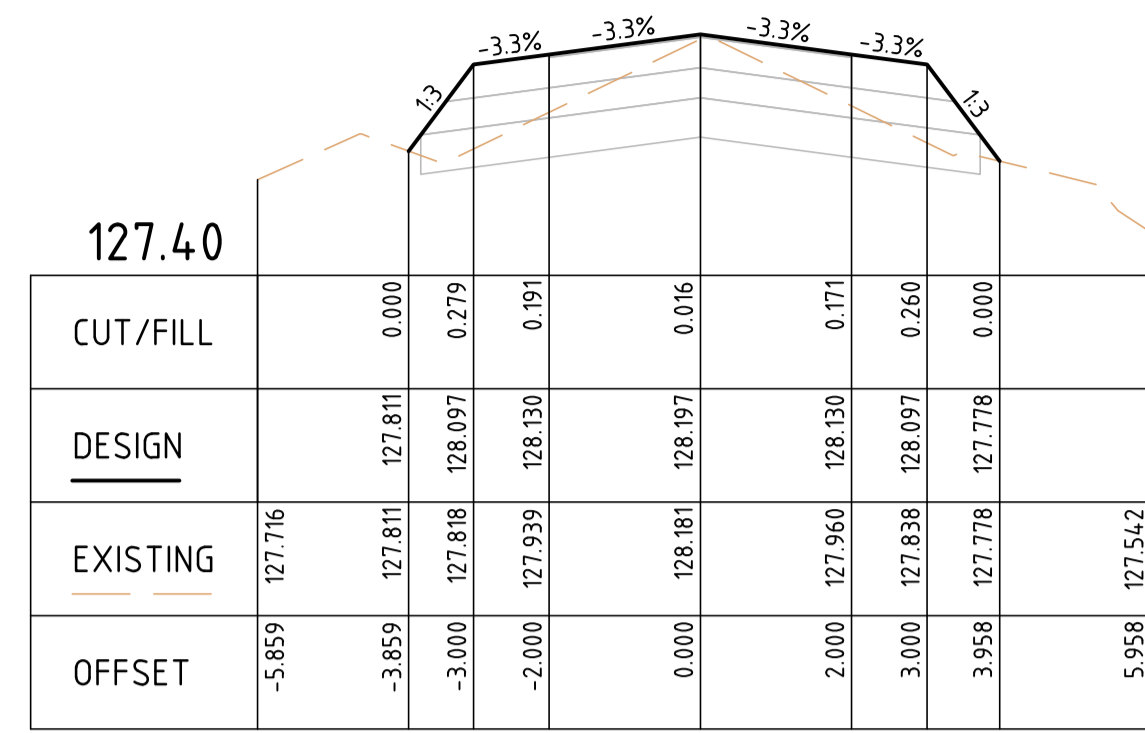
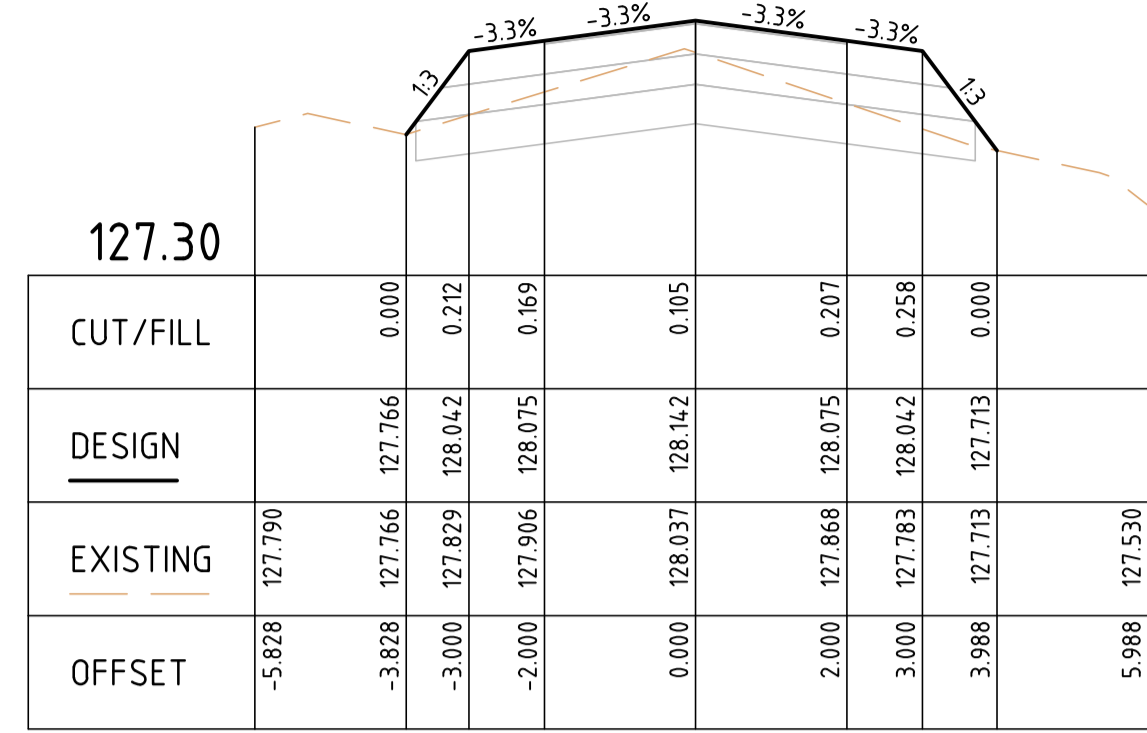
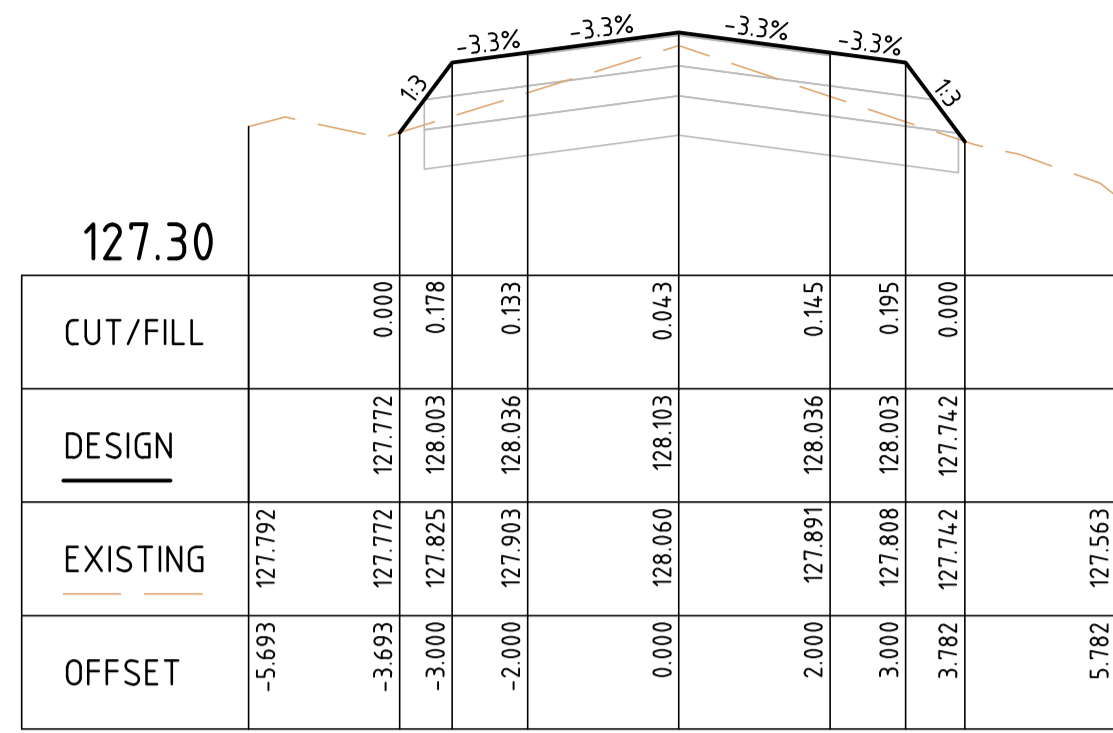
NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | |
|---------------|------------------------------------|----------|-------------|----------------------|-----------|----------------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C.DRUITT | Drawn: | N.Y.-HUSBAND |
| Project Name: | ROAD RECONSTRUCTION PROJECT | | Designed: | N.Y.-HUSBAND | Approved: | K.TIDD |
| Location: | WEIR AND REED LAKE ROADS, NAGAMBIE | | Cad File: | 3697 C39 ROAD CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | | Drawing No: | | Sheet: | |
| Title: | ROAD CROSS SECTIONS | | | | | |
| | 3697 / C49 | 49 of 56 | | | | G |



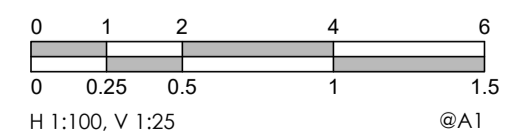
WEIR ROAD CROSS SECTIONS

SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

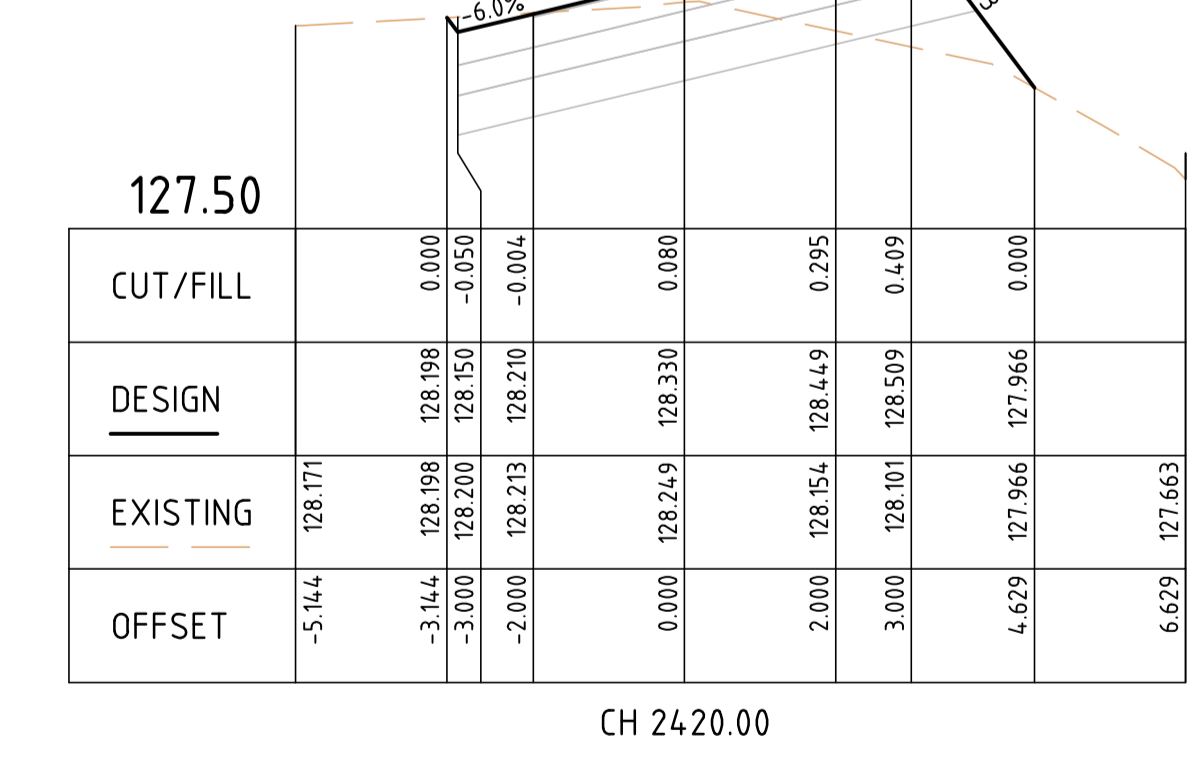
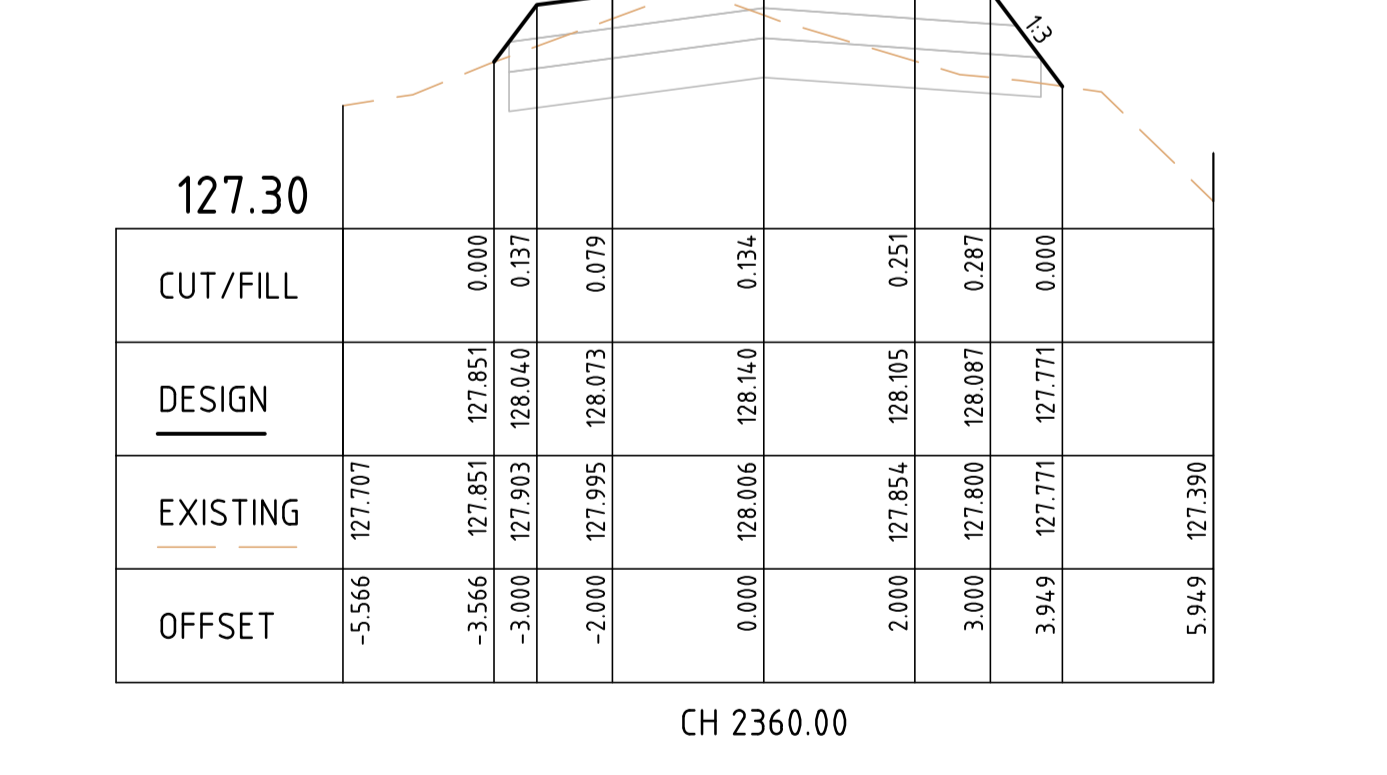
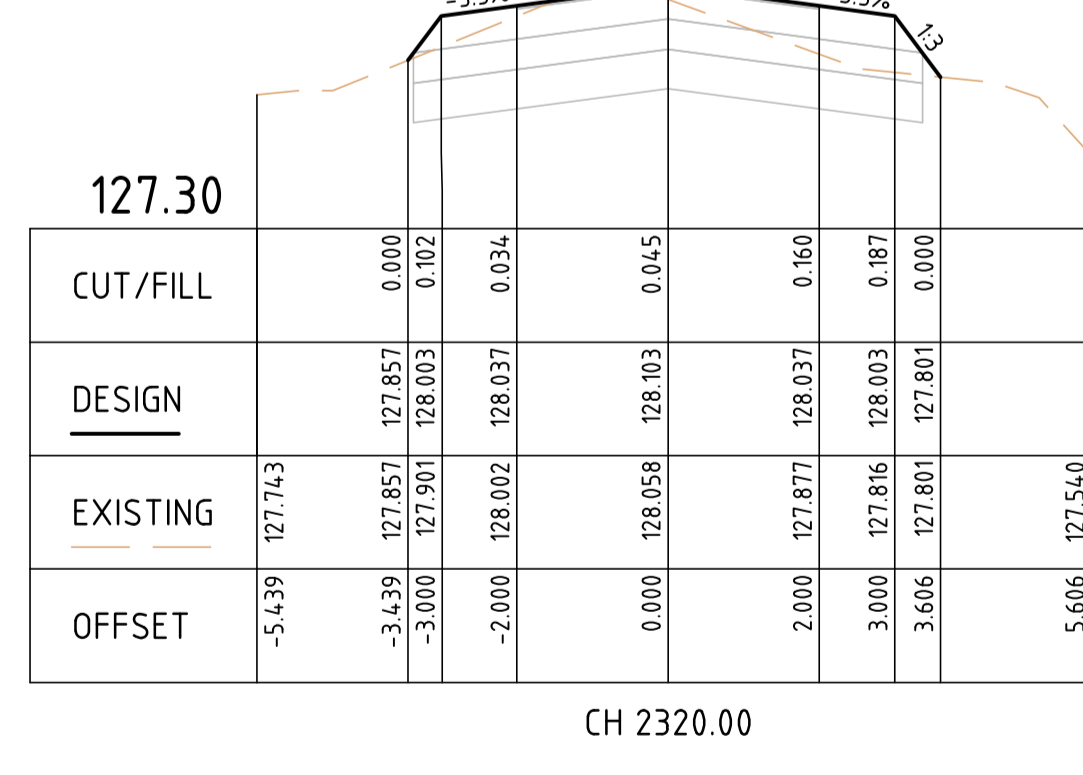
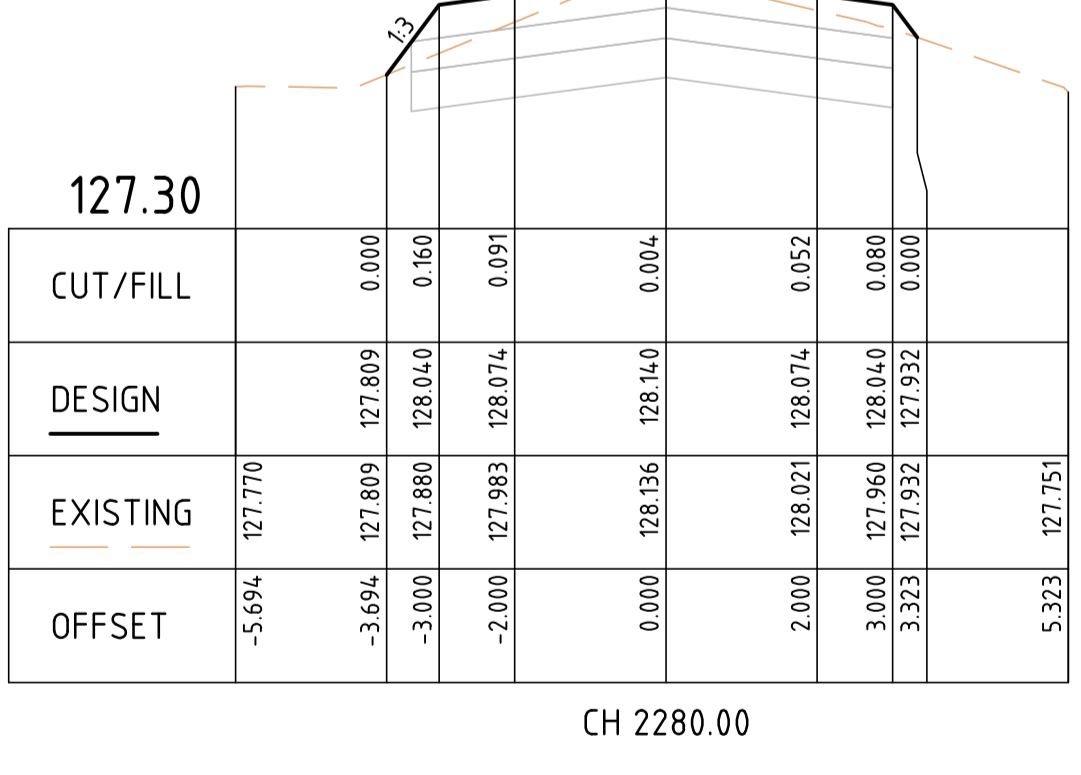
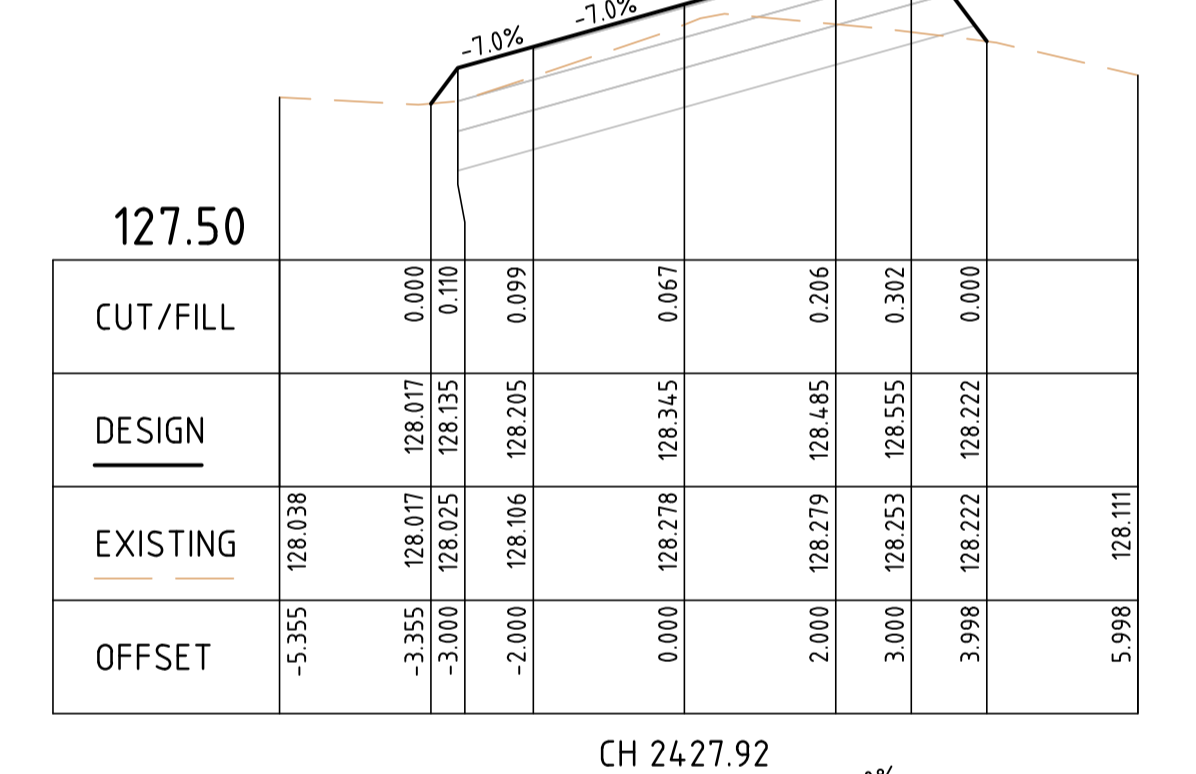
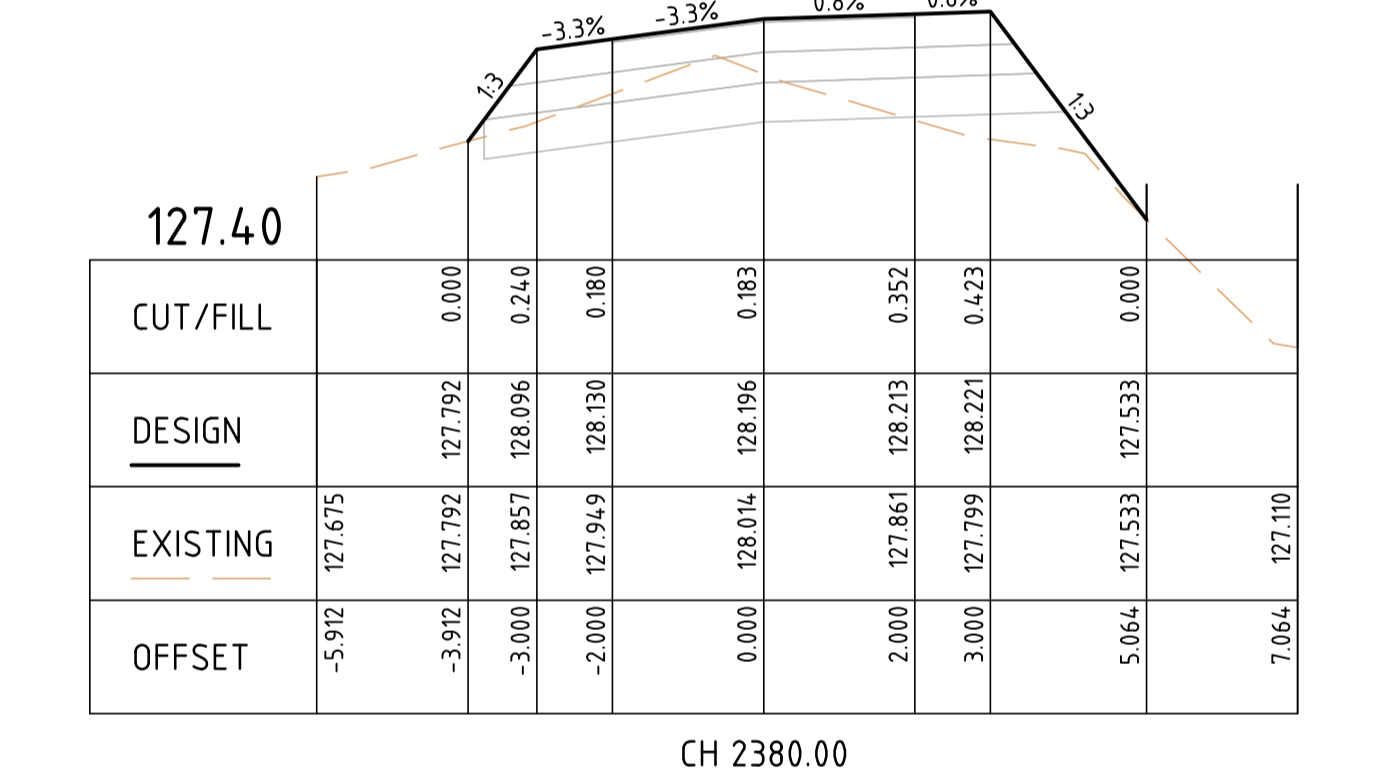
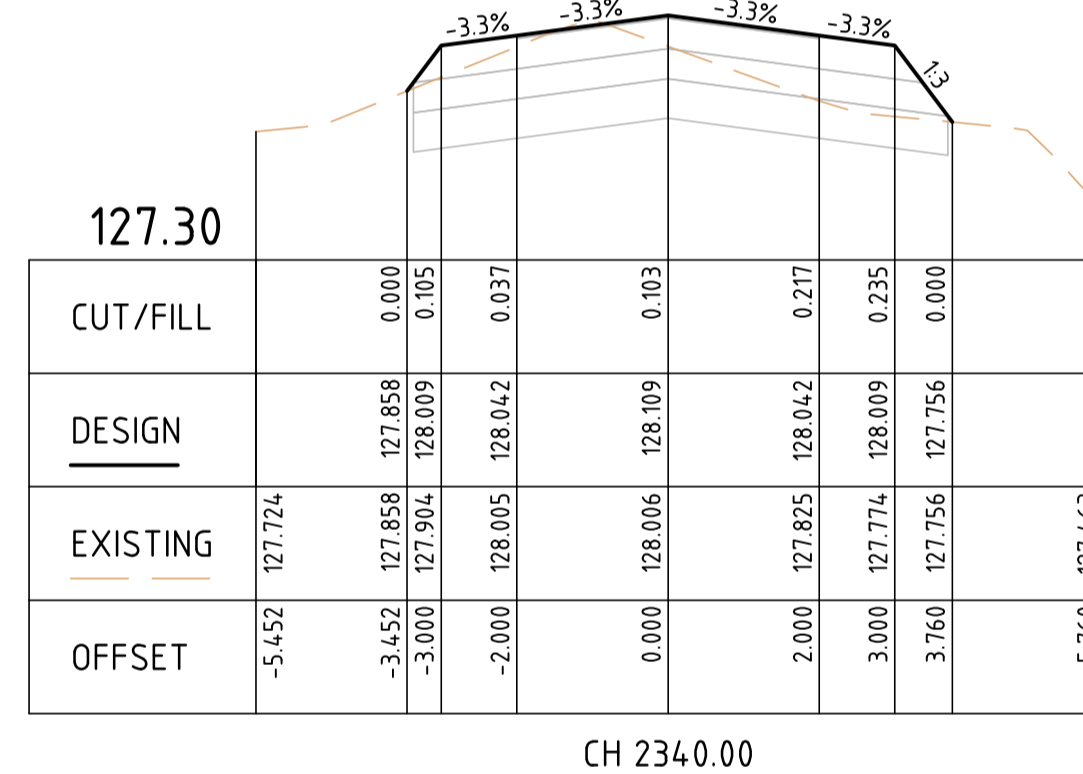
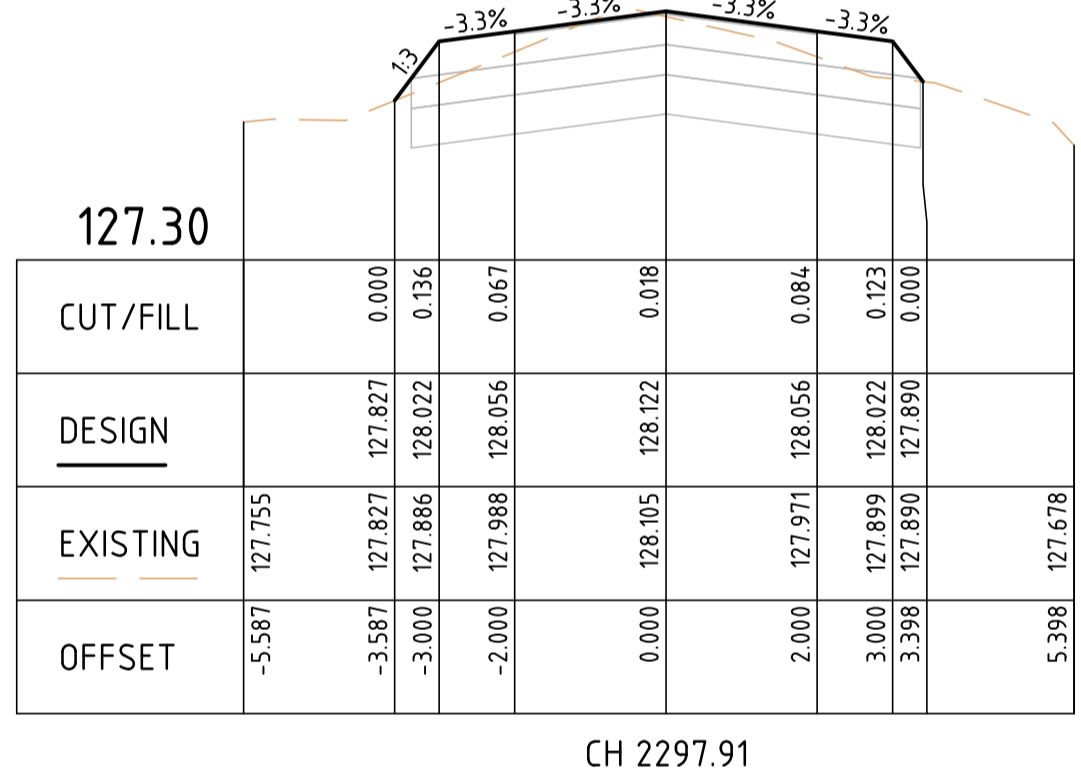
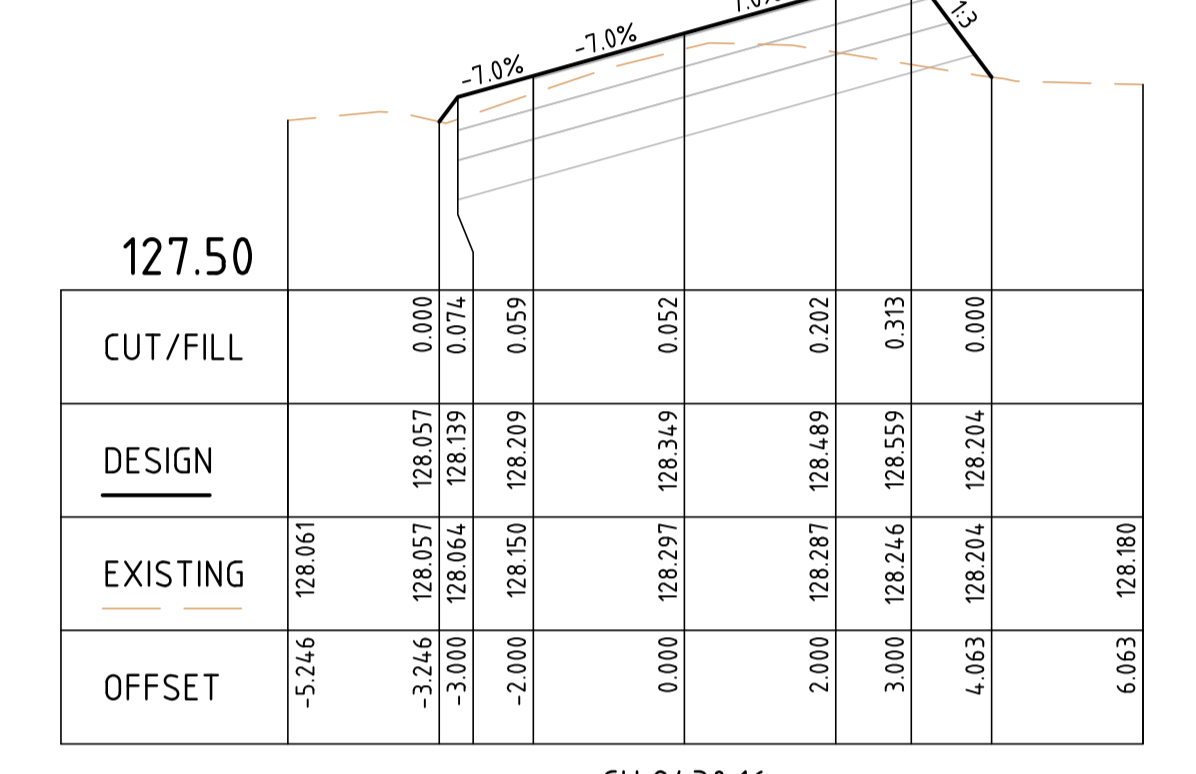
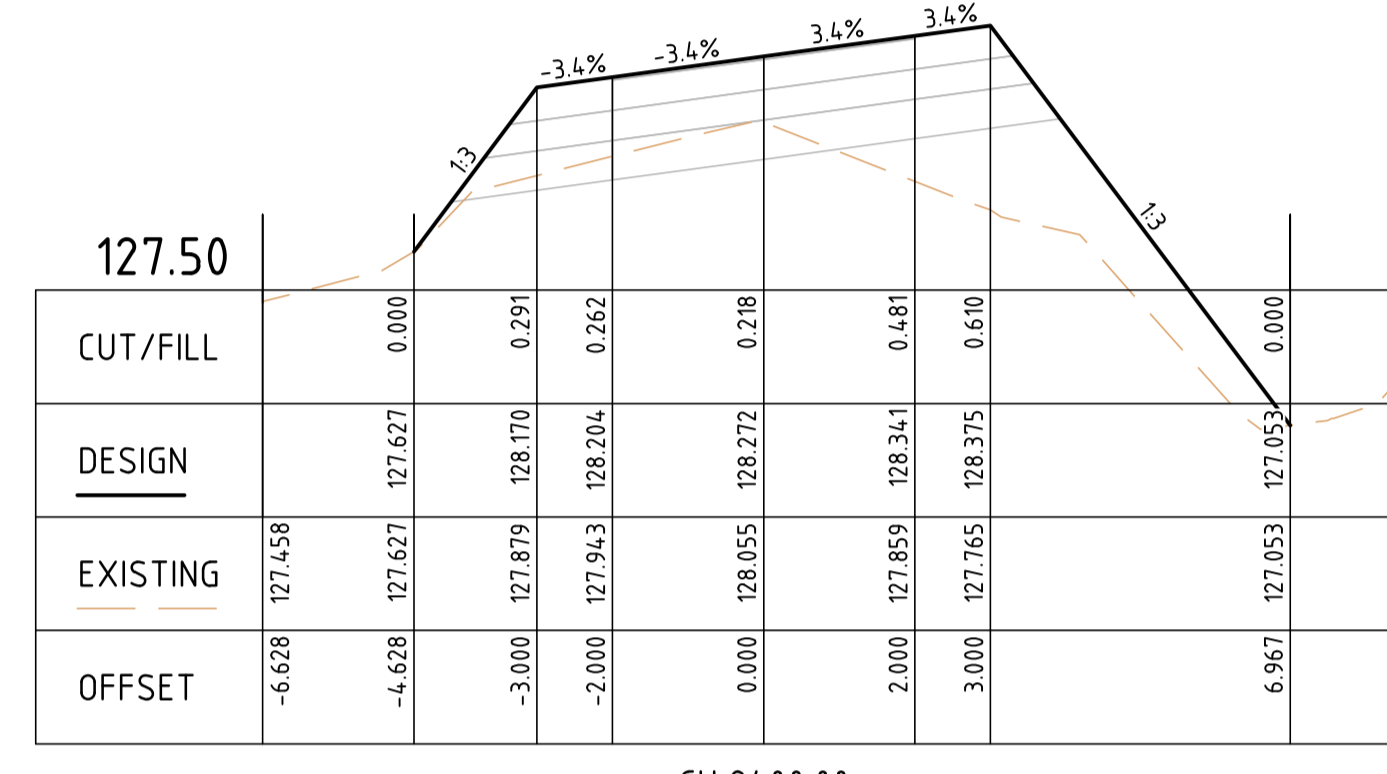
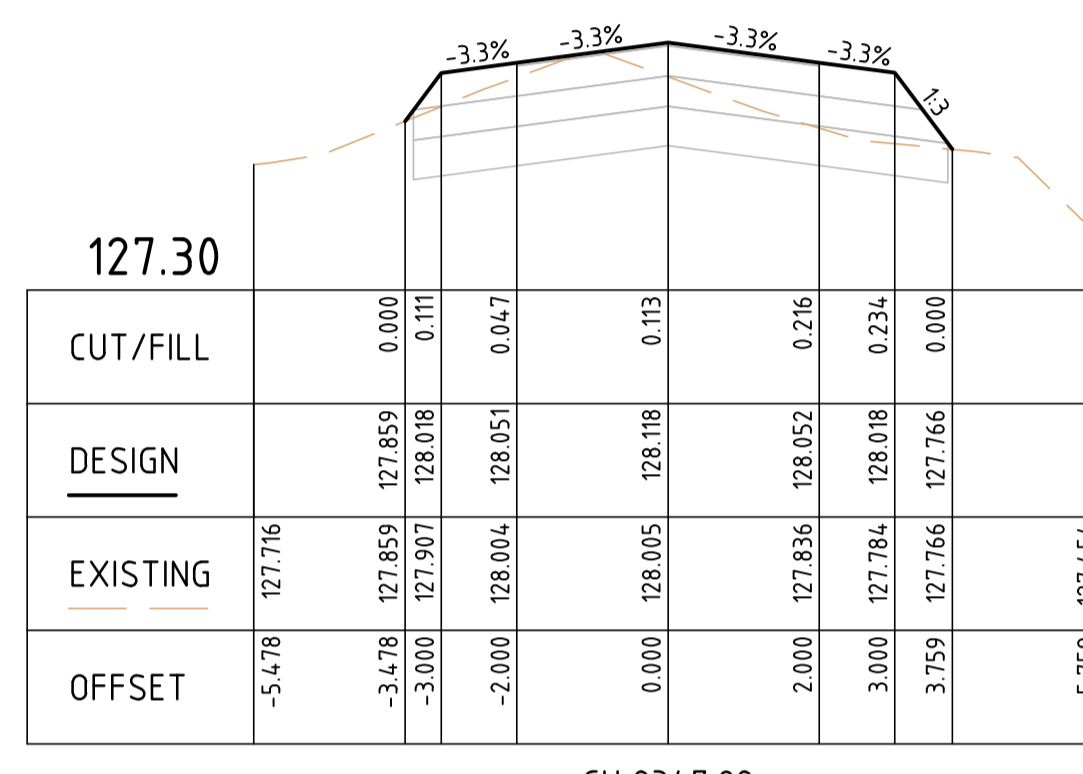
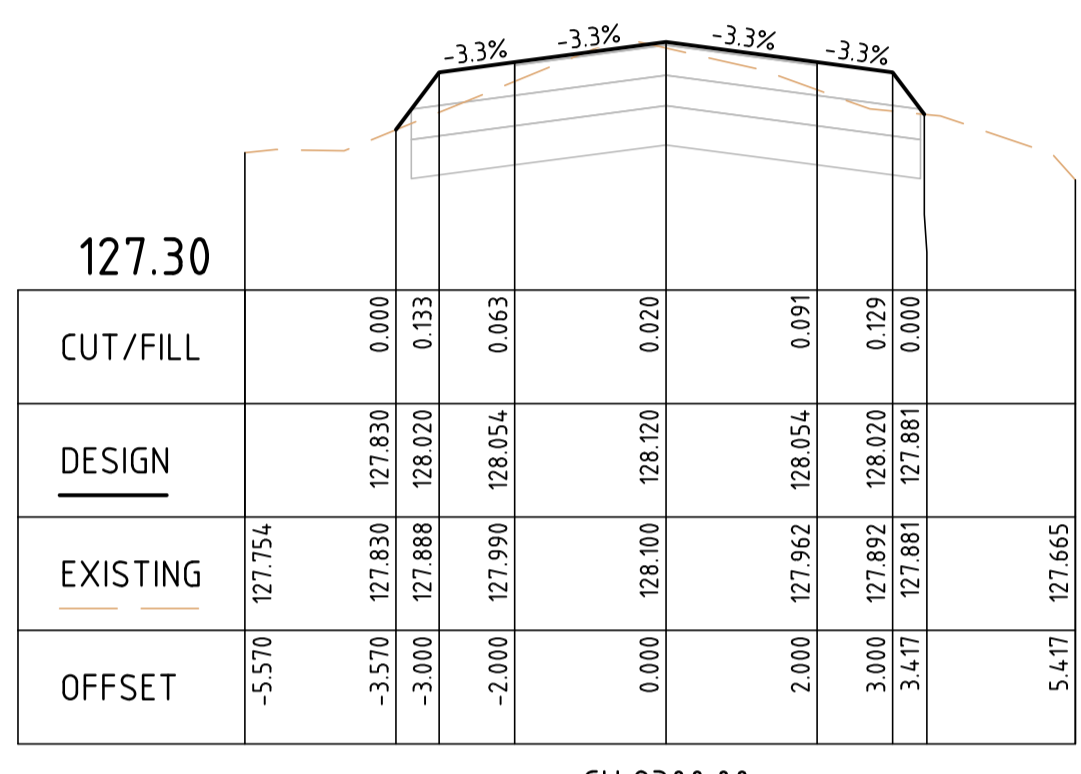
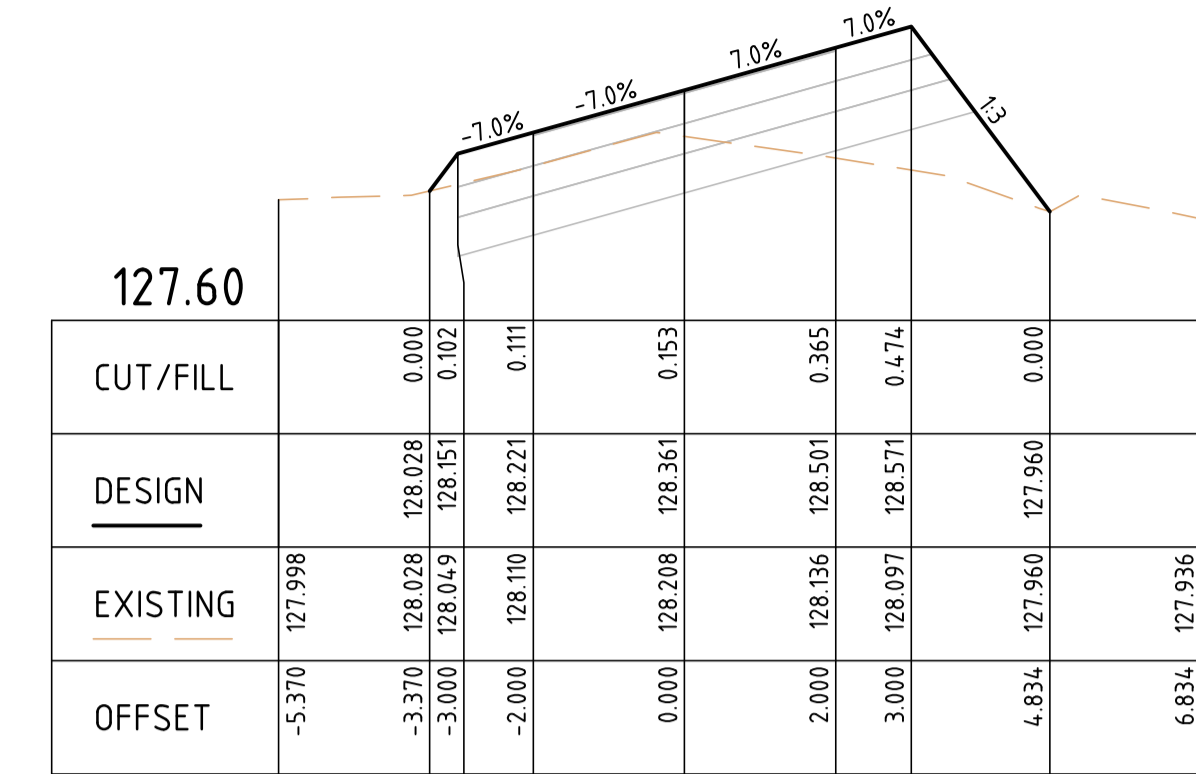
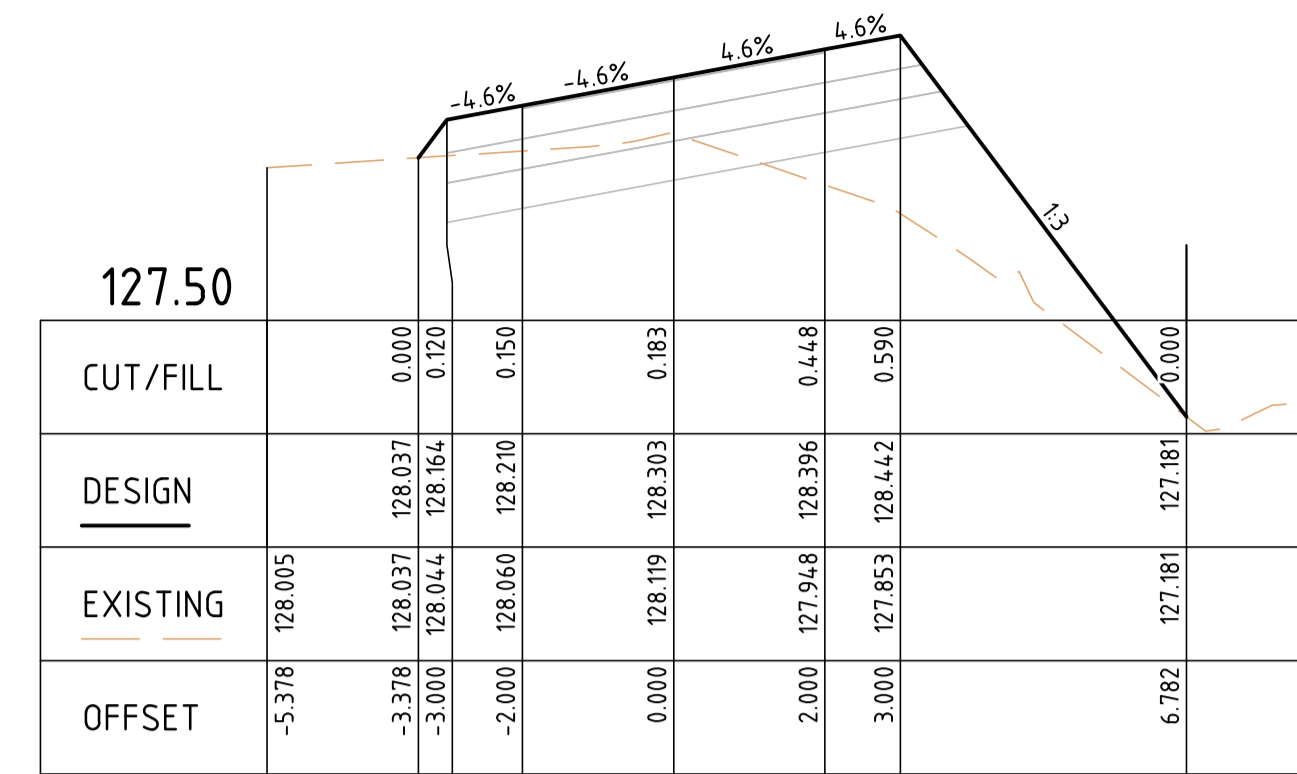
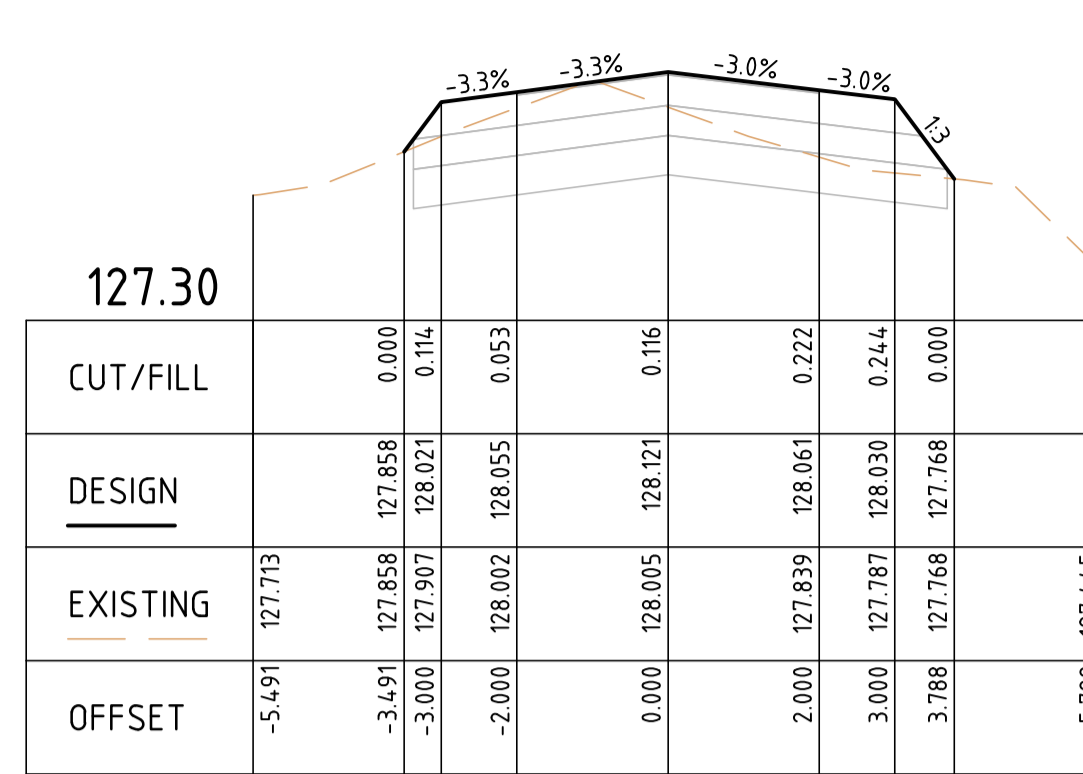
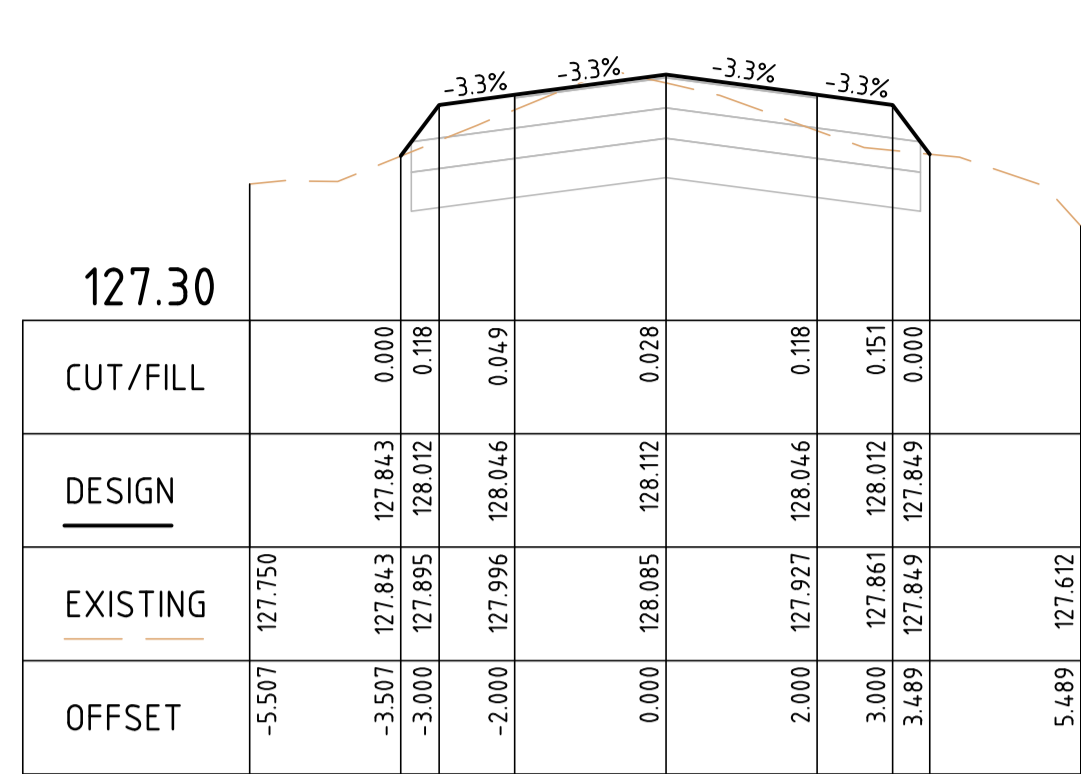


Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993



afm: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | |
|--|--|-----------------------------------|--------------------------------|
| Client: STRATHBOGIE SHIRE | | Surveyed: C.DRUITT 21/10/2021 | Drawn: N.Y.-HUSBAND 15/11/2021 |
| Project Name: ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: N.Y.-HUSBAND 15/11/2021 | Approved: K.TIDD 19/11/2021 |
| Property: - | | Cad File: 3697 C39 ROAD CS.DWG | |
| Title: ROAD CROSS SECTIONS | | Scale: SCALE AS SHOWN | Size: A1 |
| | | Drawing No: 3697 / C50 | Sheet: 50 of 56 |
| | | | Issue: G |



WEIR ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION

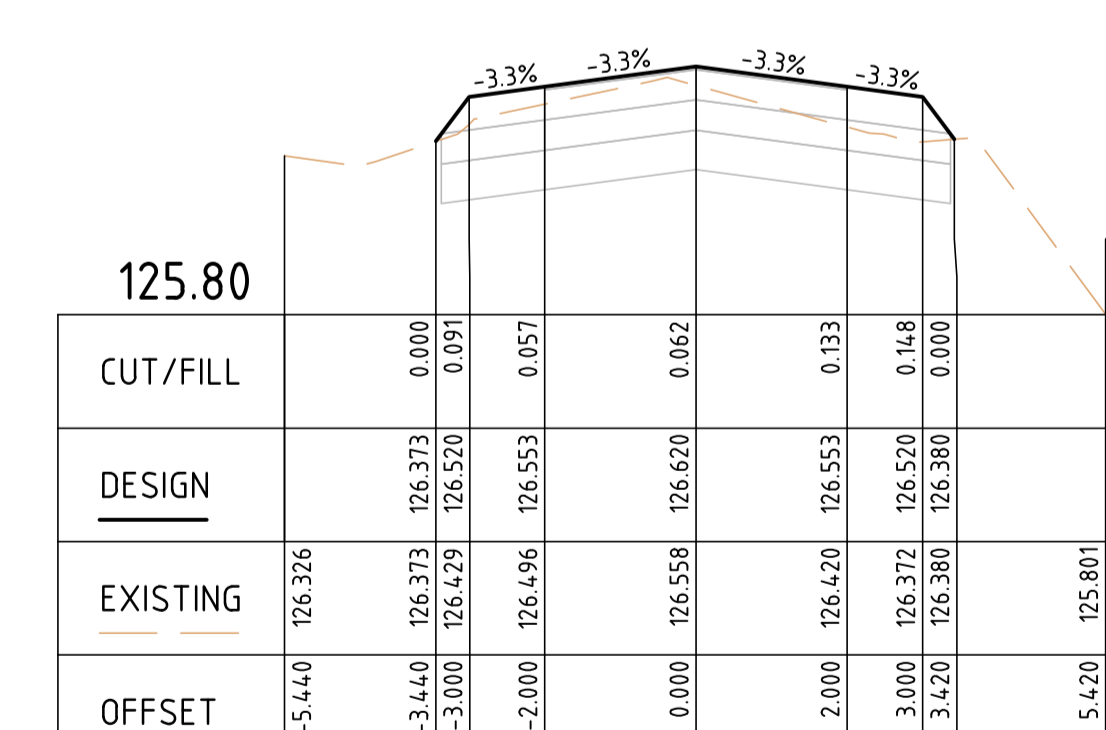
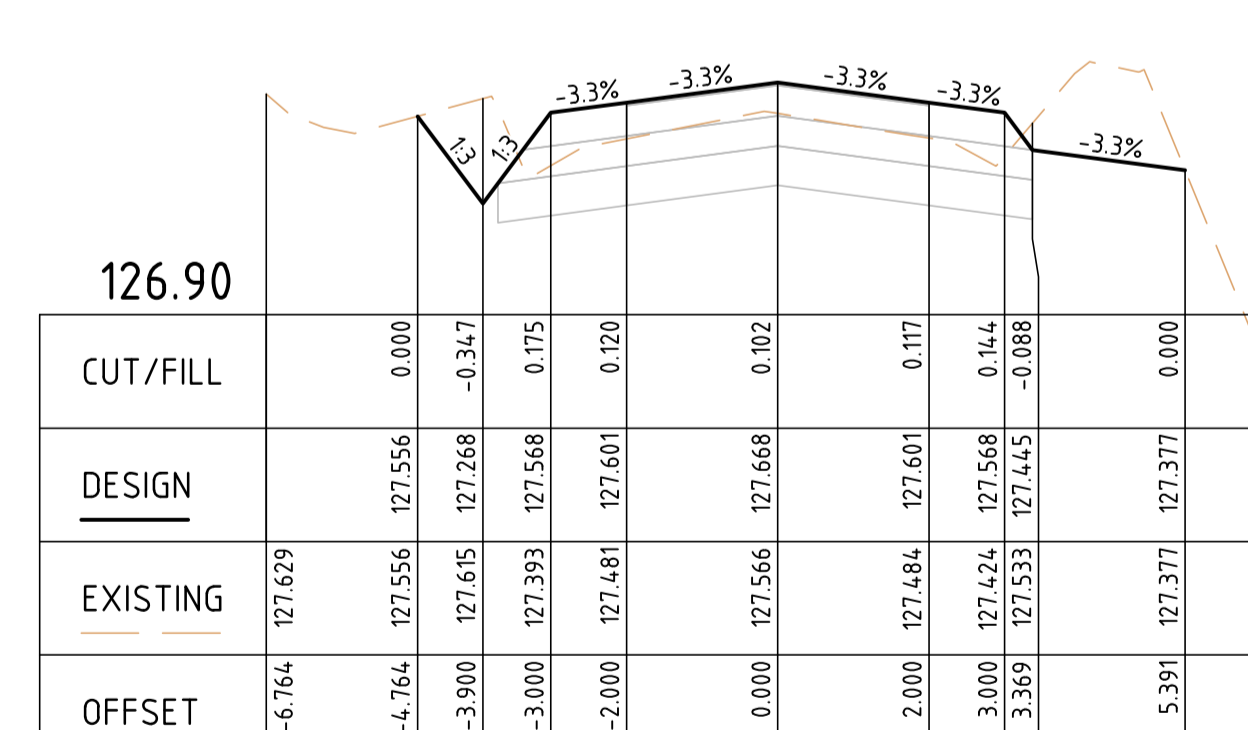
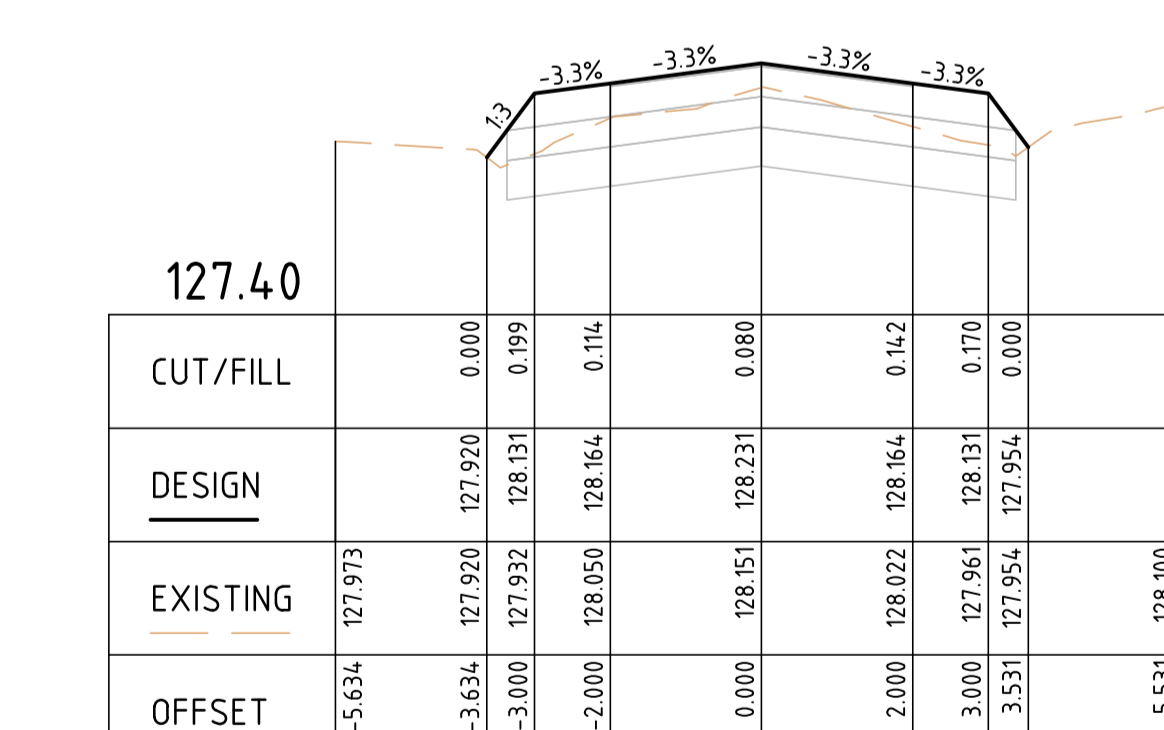
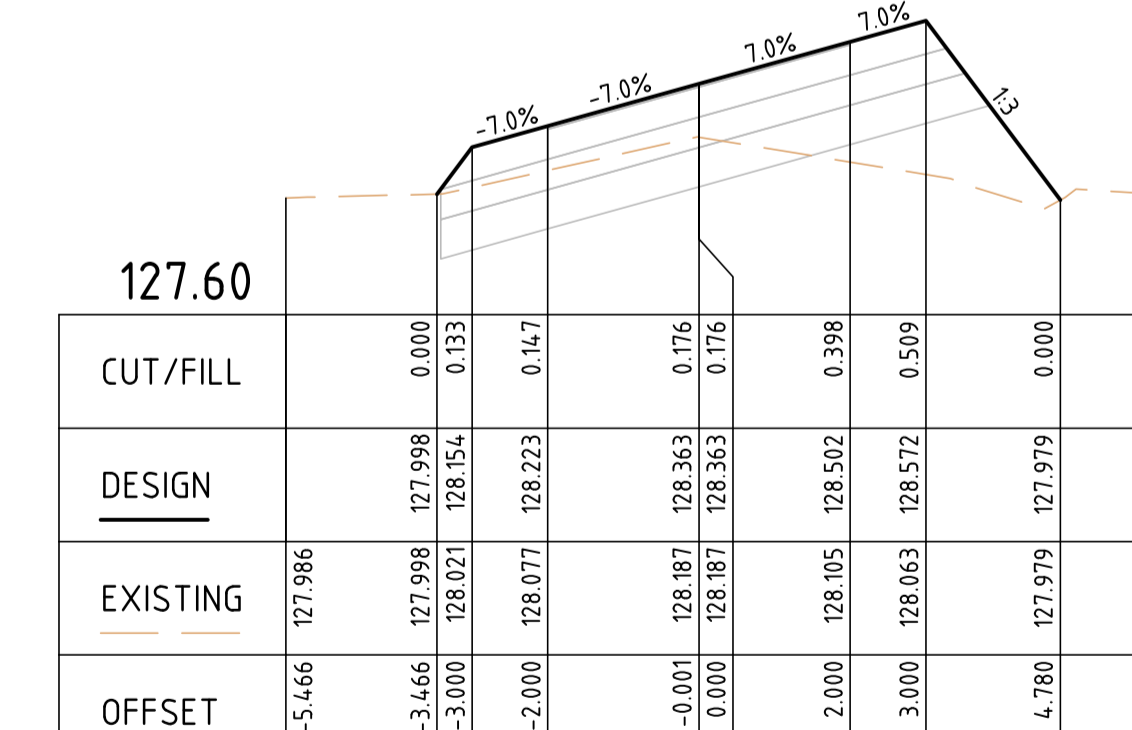
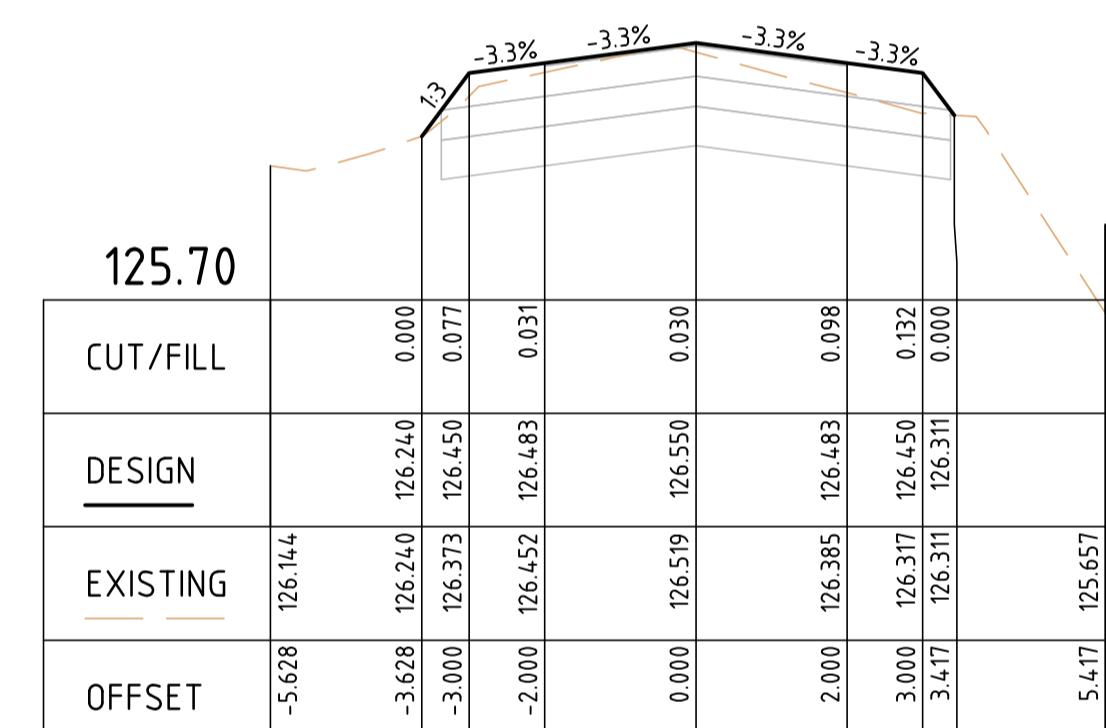
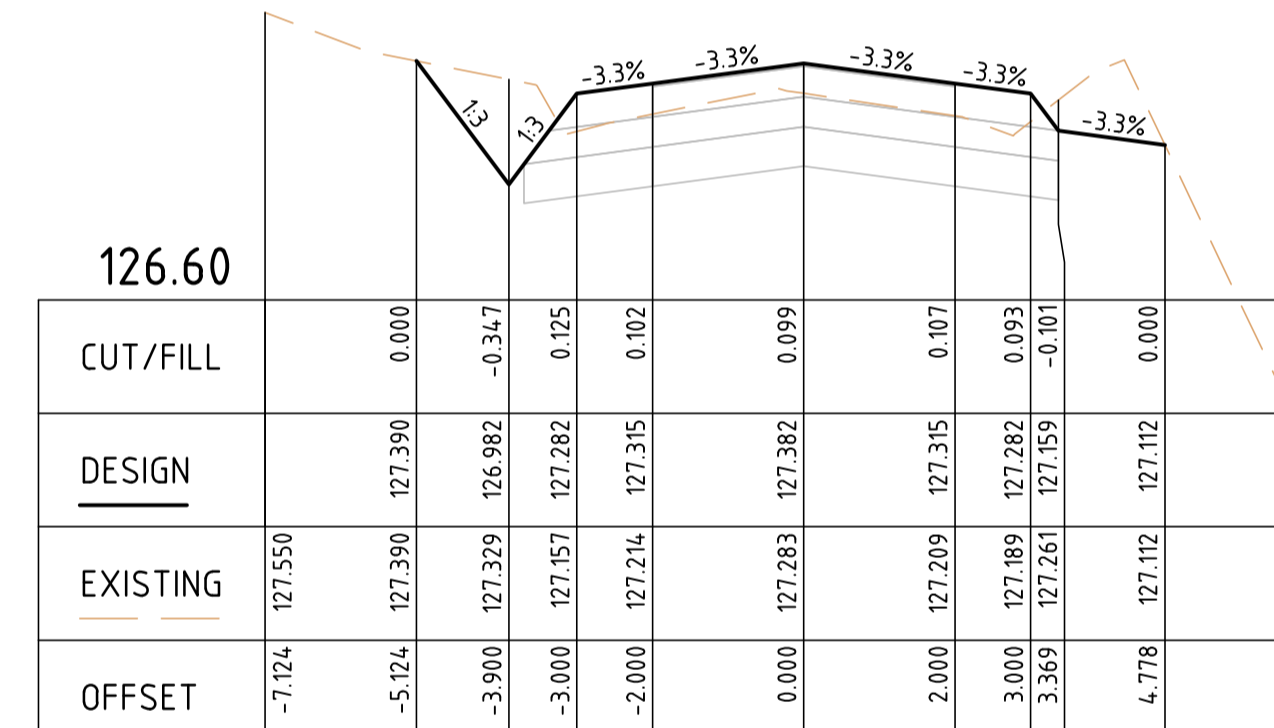
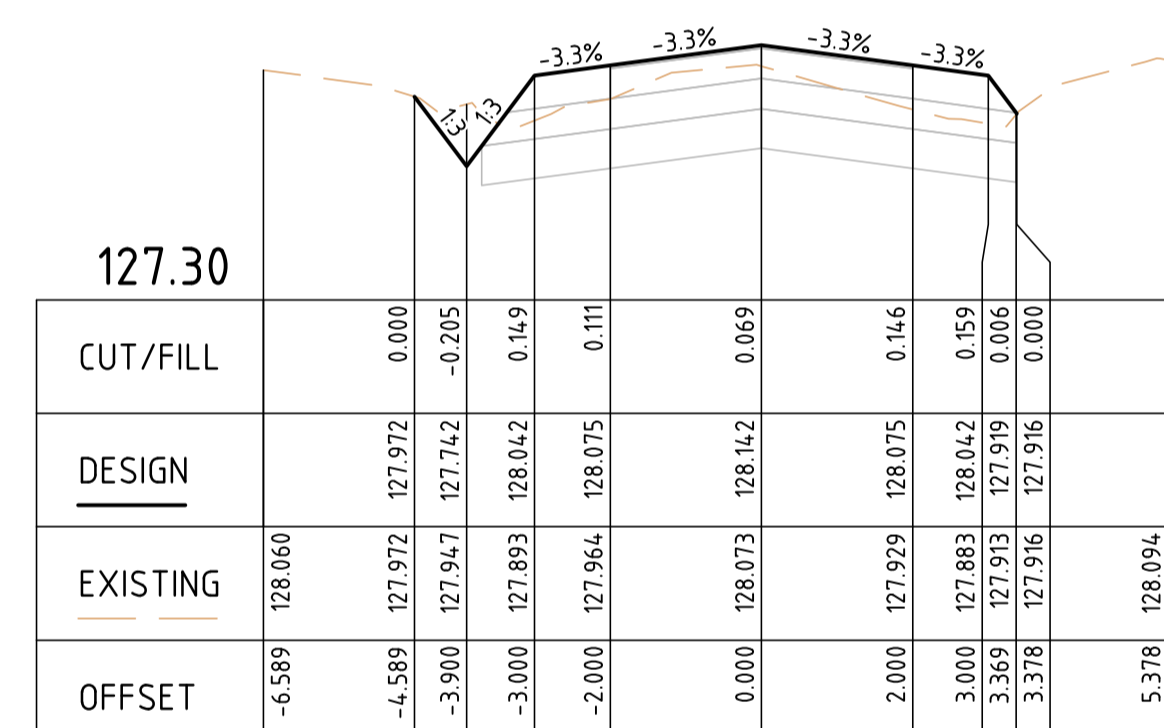
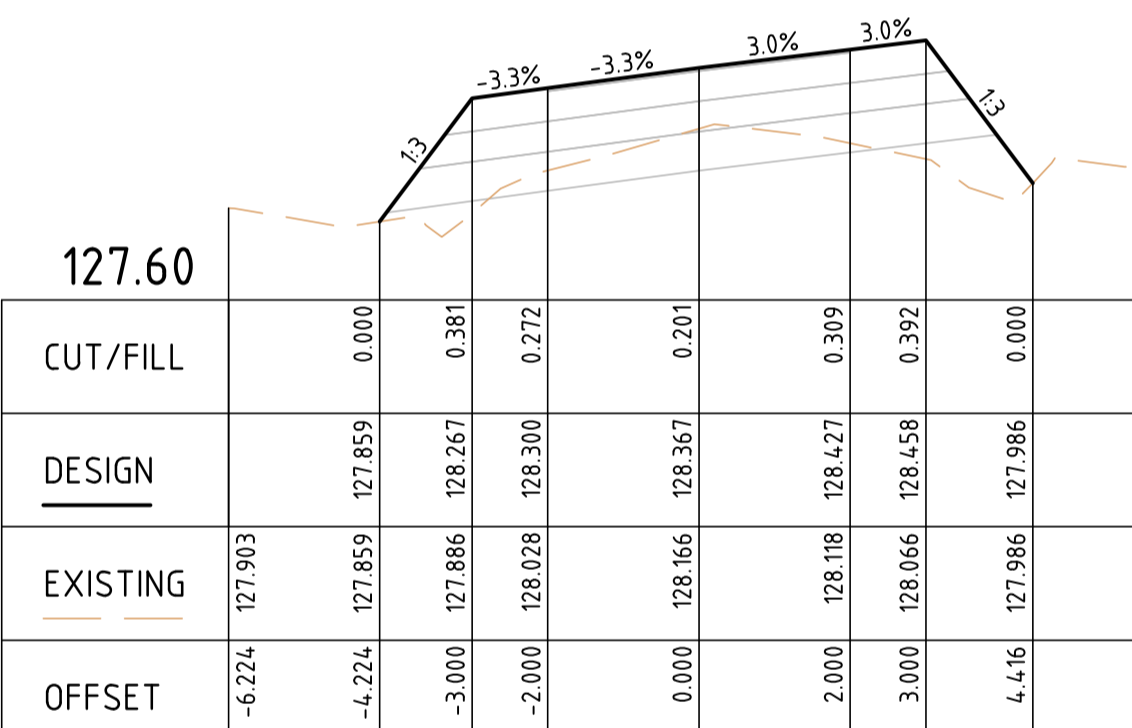
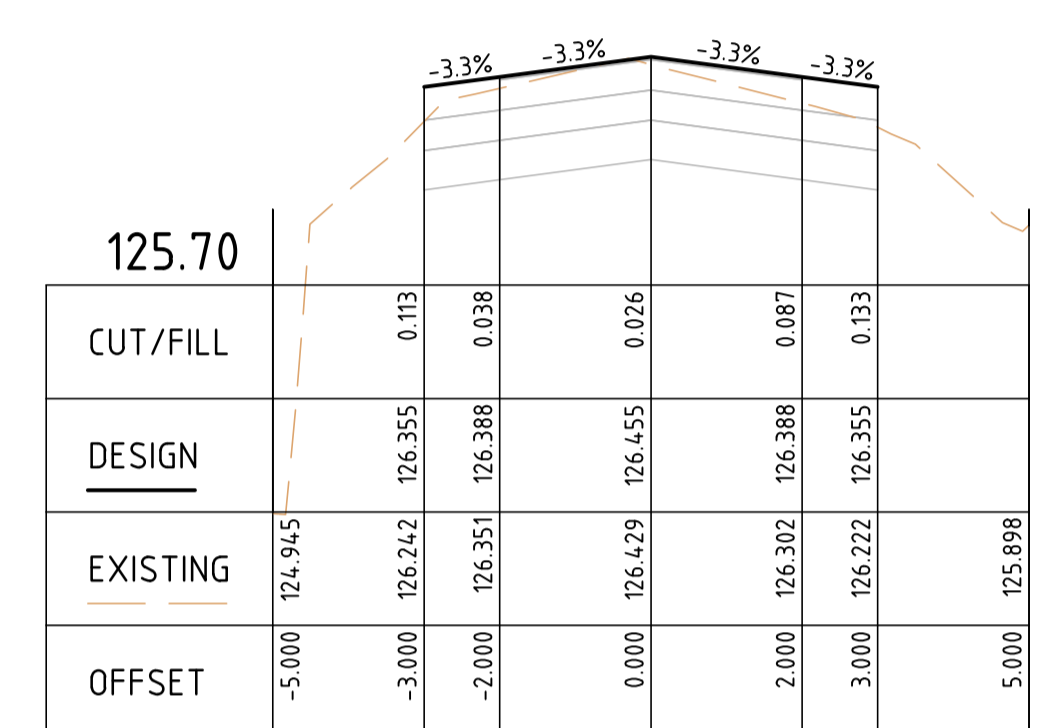
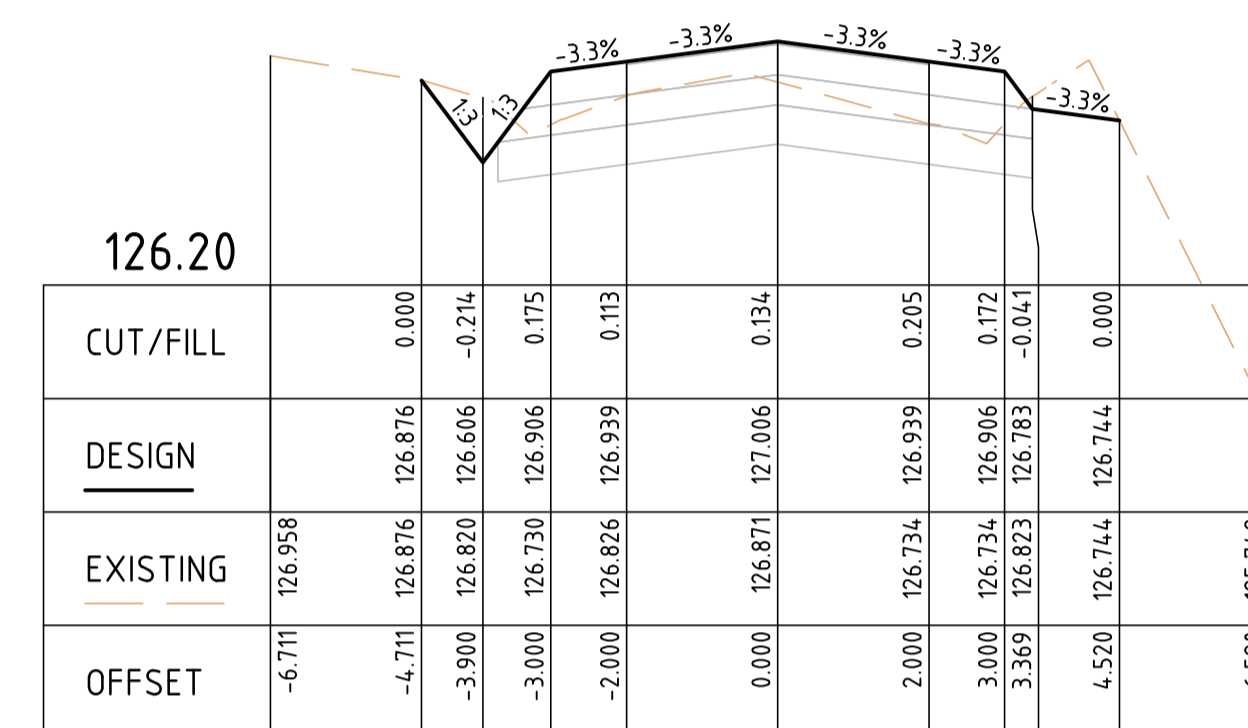
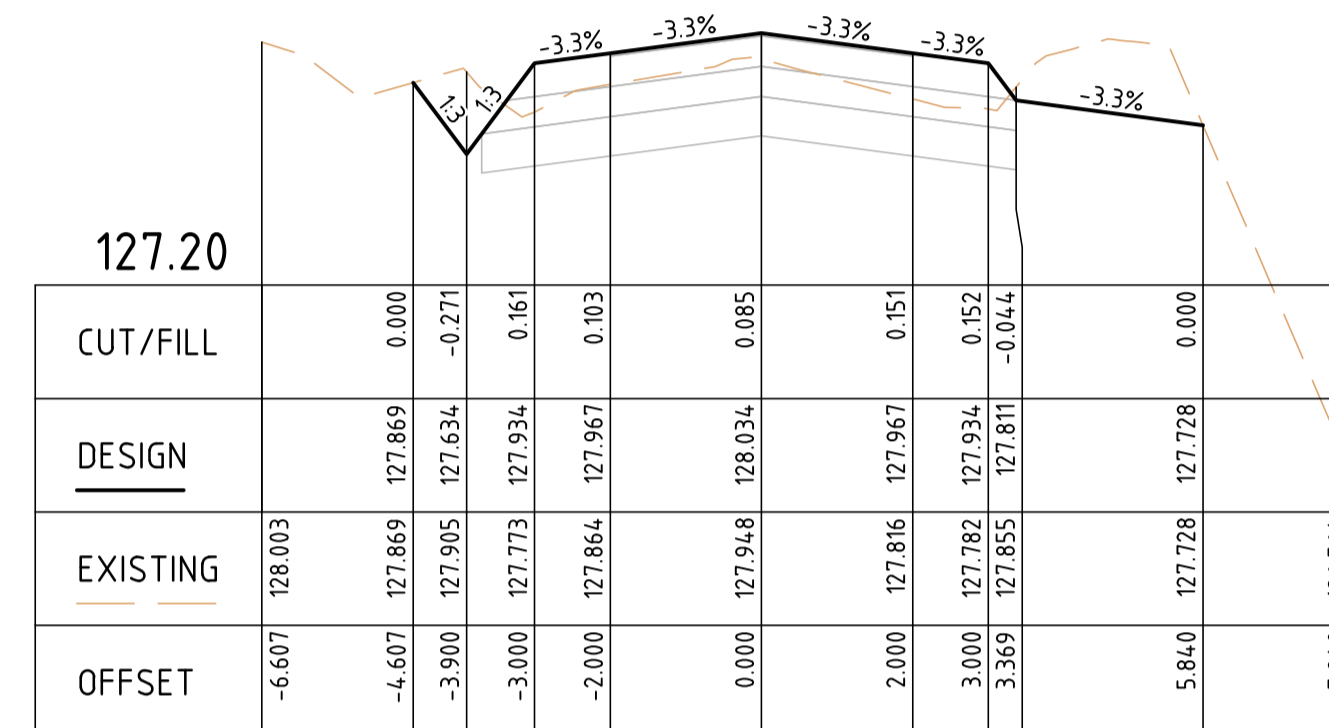
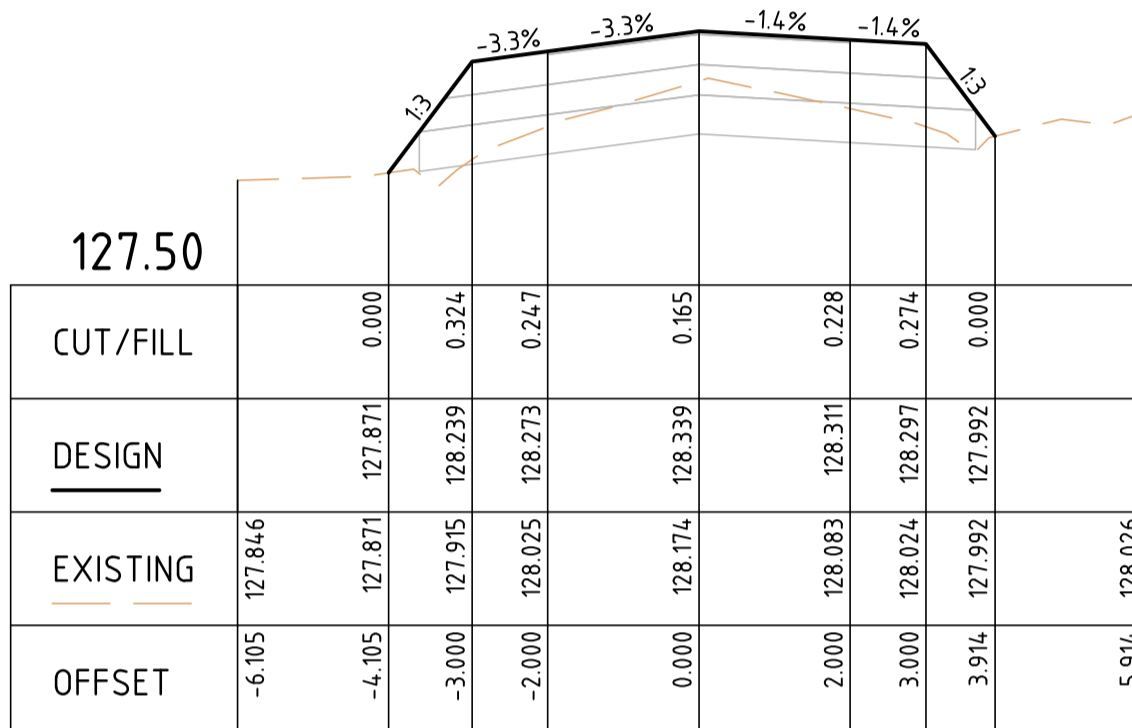
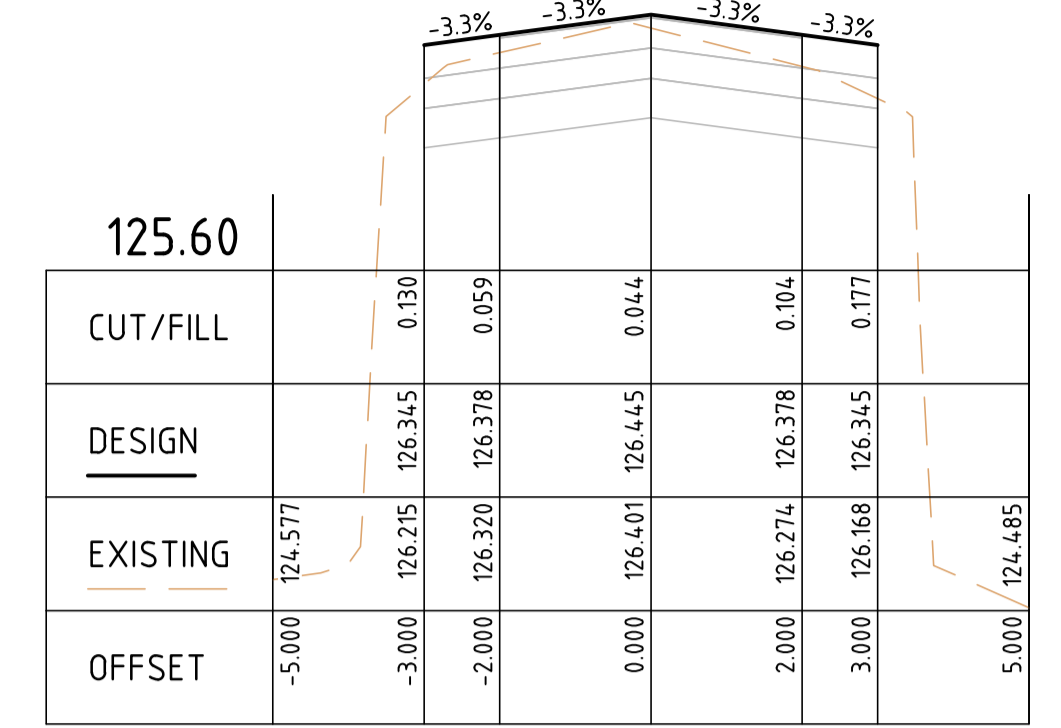
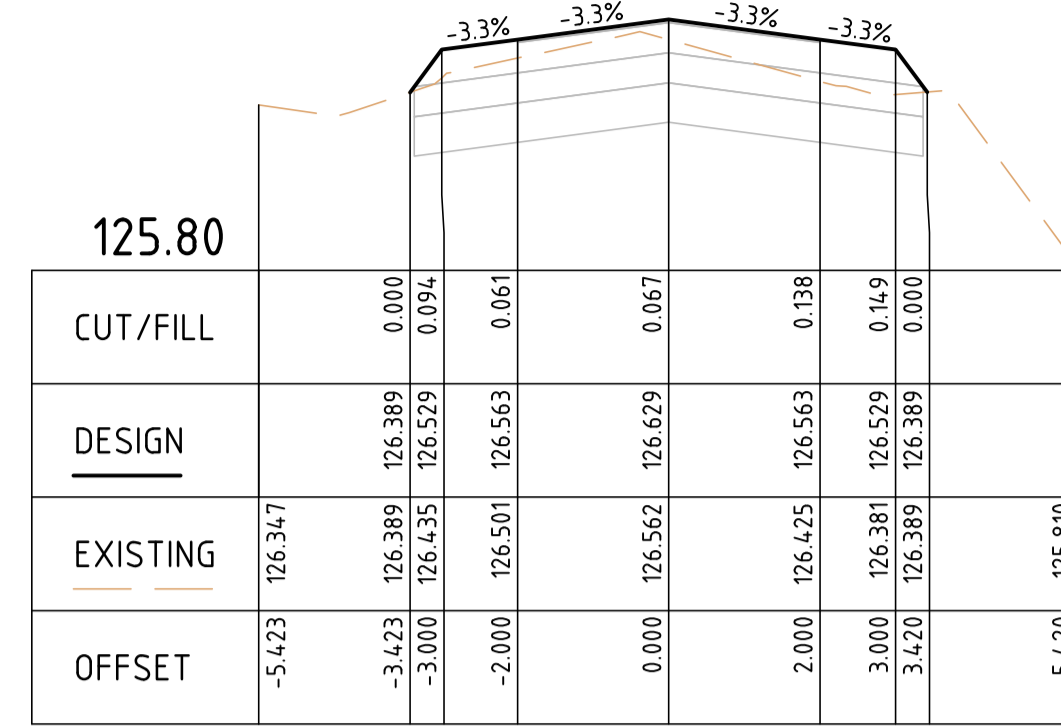
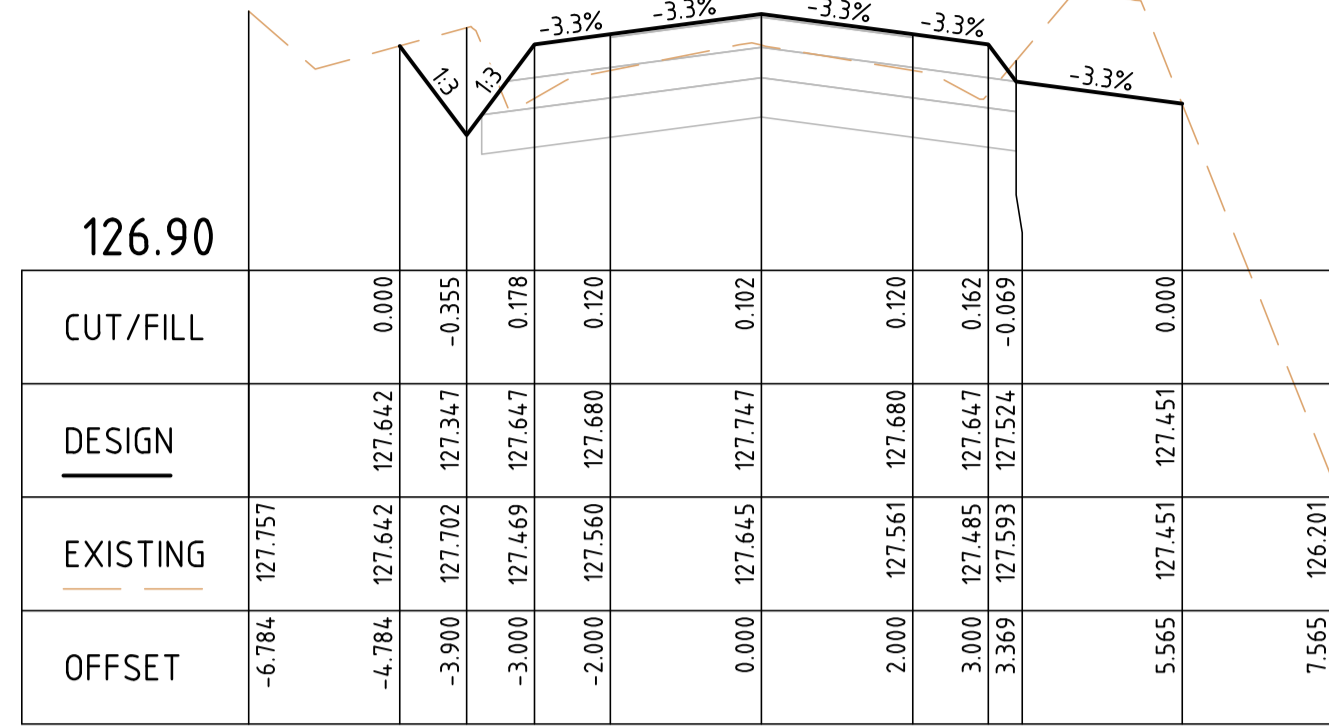
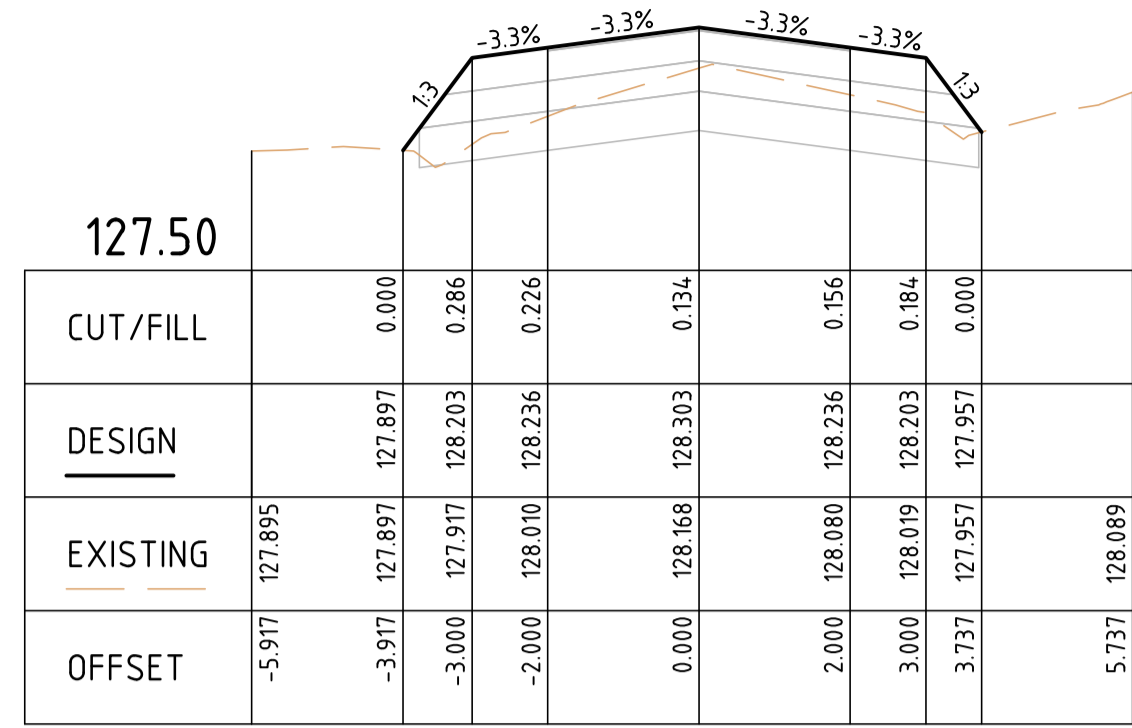
H 1:100, V 1:25 @A1

Shire of Strathbogies
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

caf
CONSULTING

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697 C39 ROAD CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | | Sheet: | 51 of 56 |
| Title: | ROAD CROSS SECTIONS | Issue: | | | |



REEDY LAKE ROAD CROSS SECTIONS

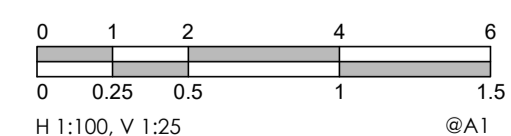
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:02:09 PM 3697_C39_ROAD_CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

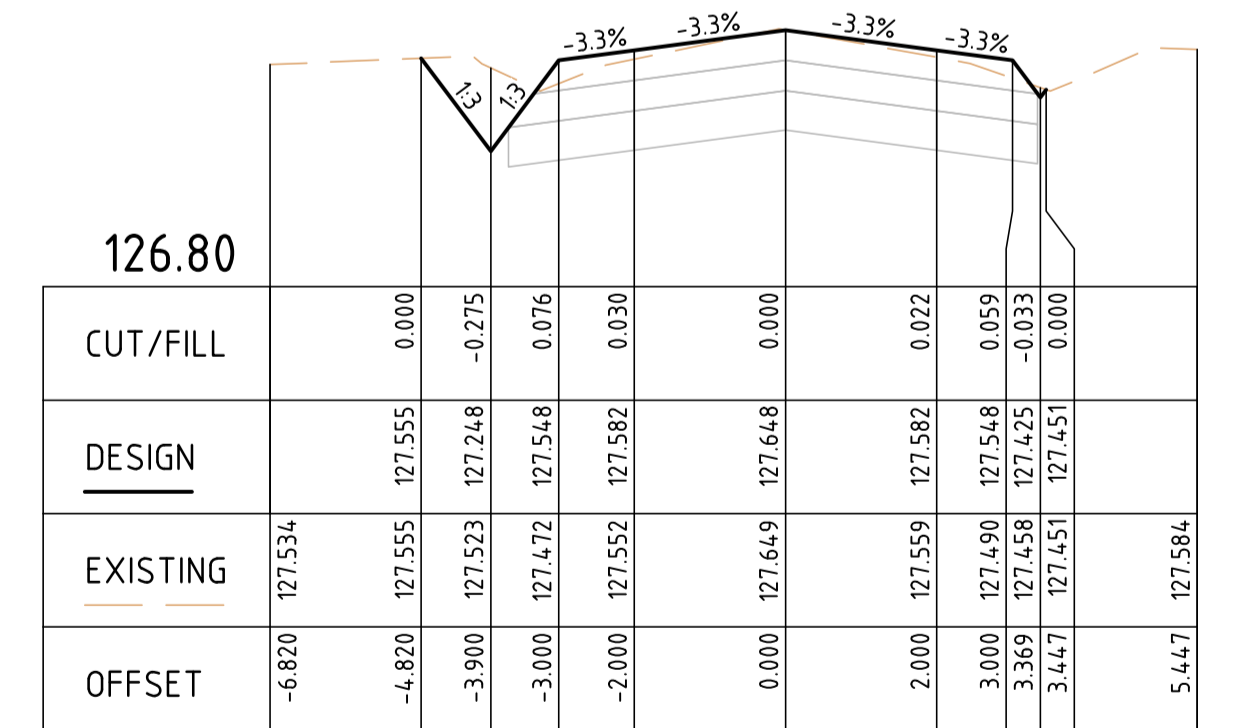
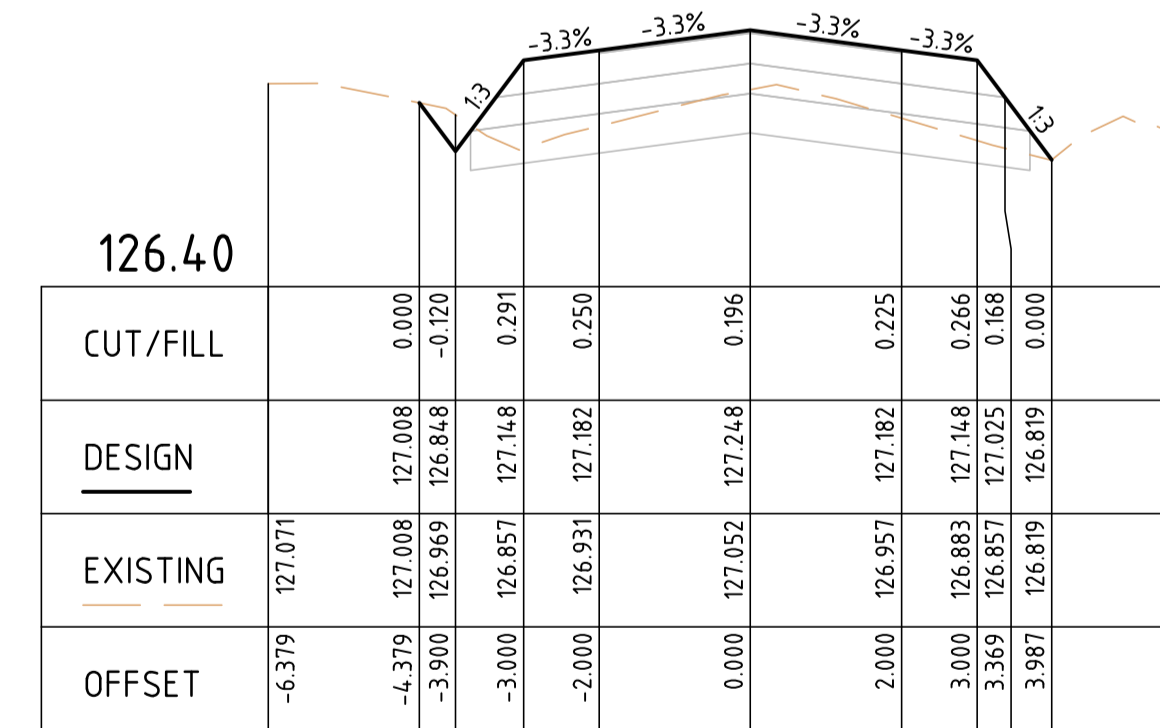
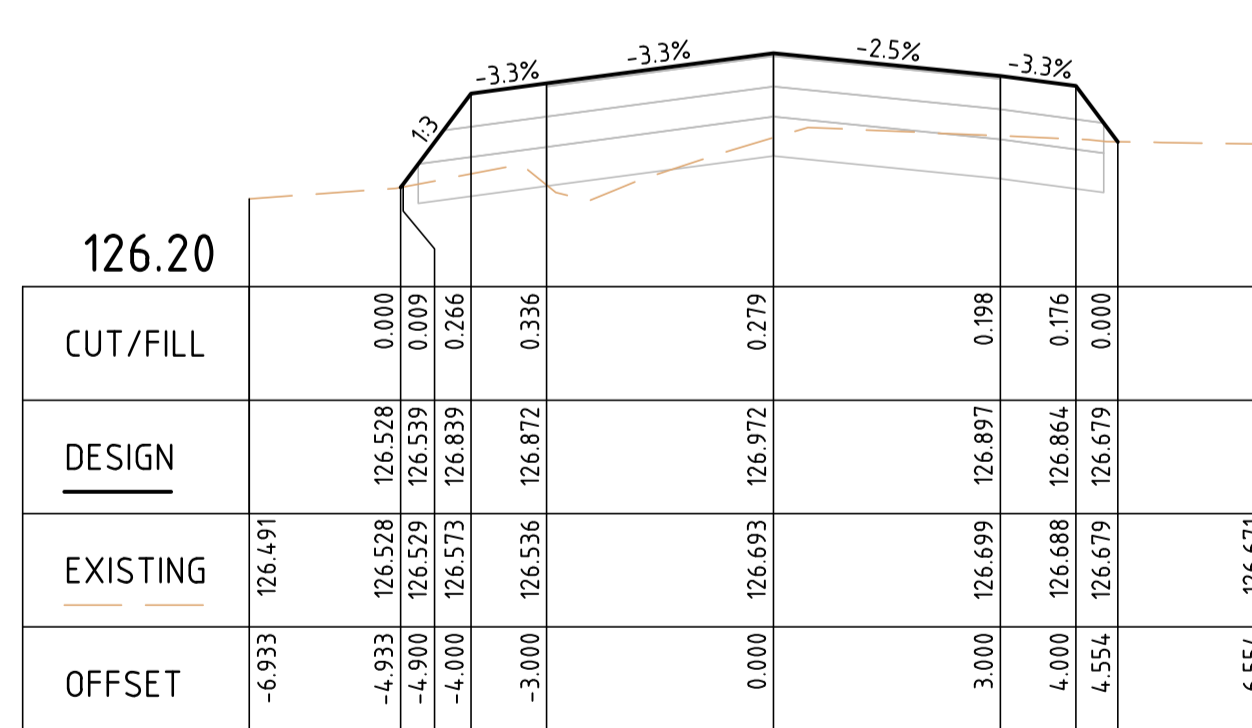
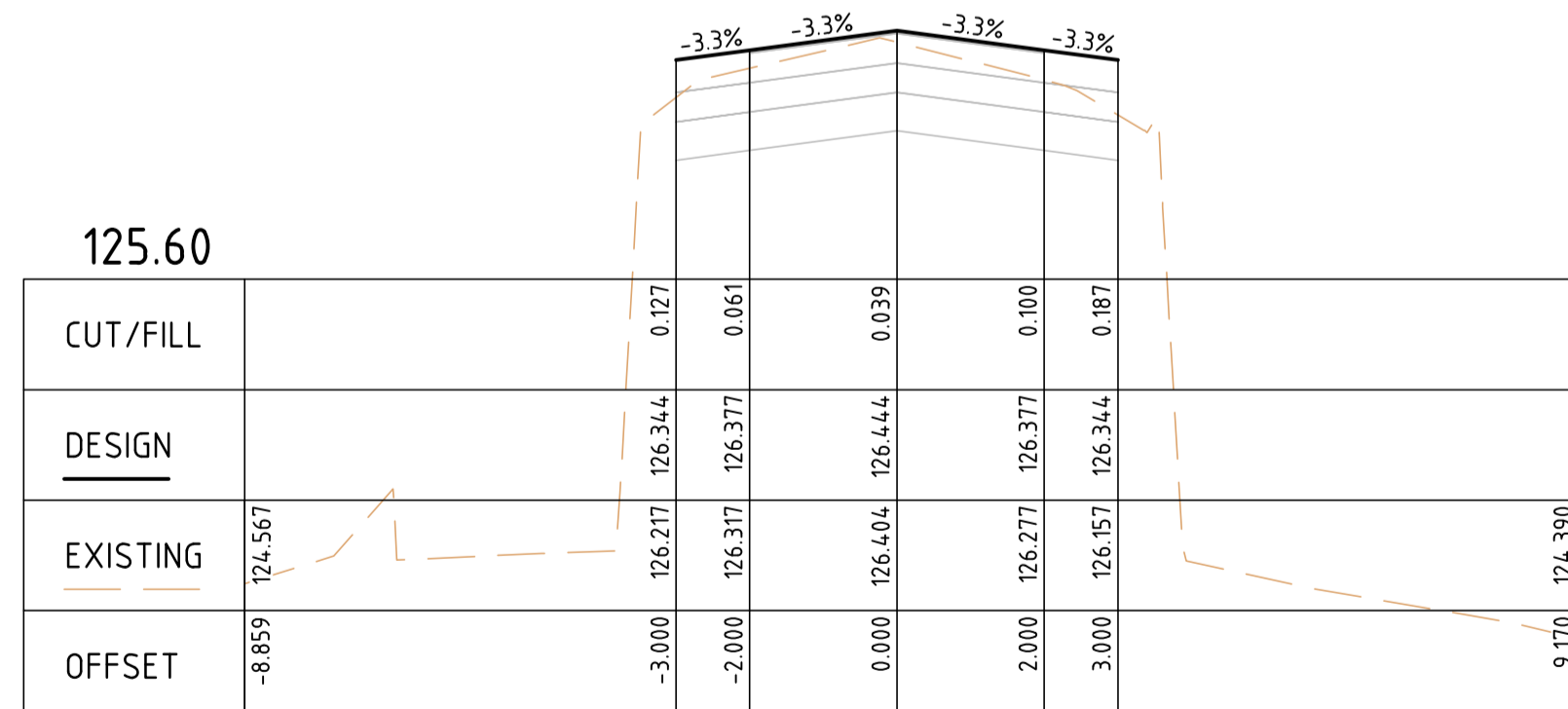
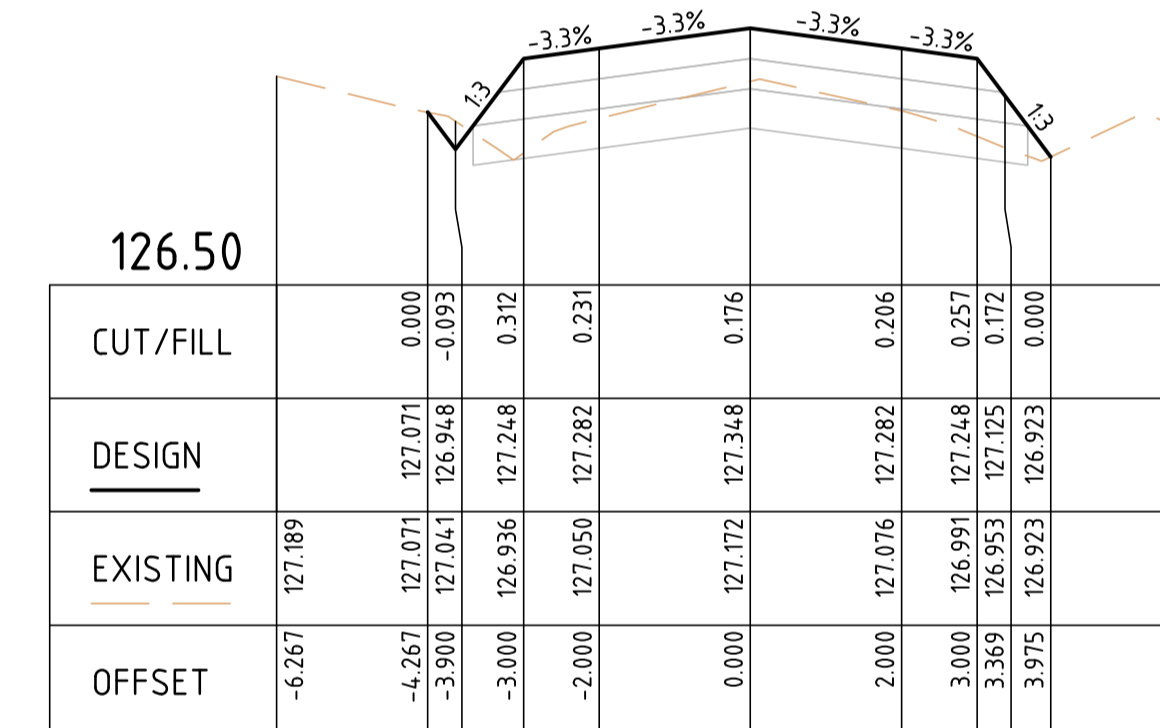
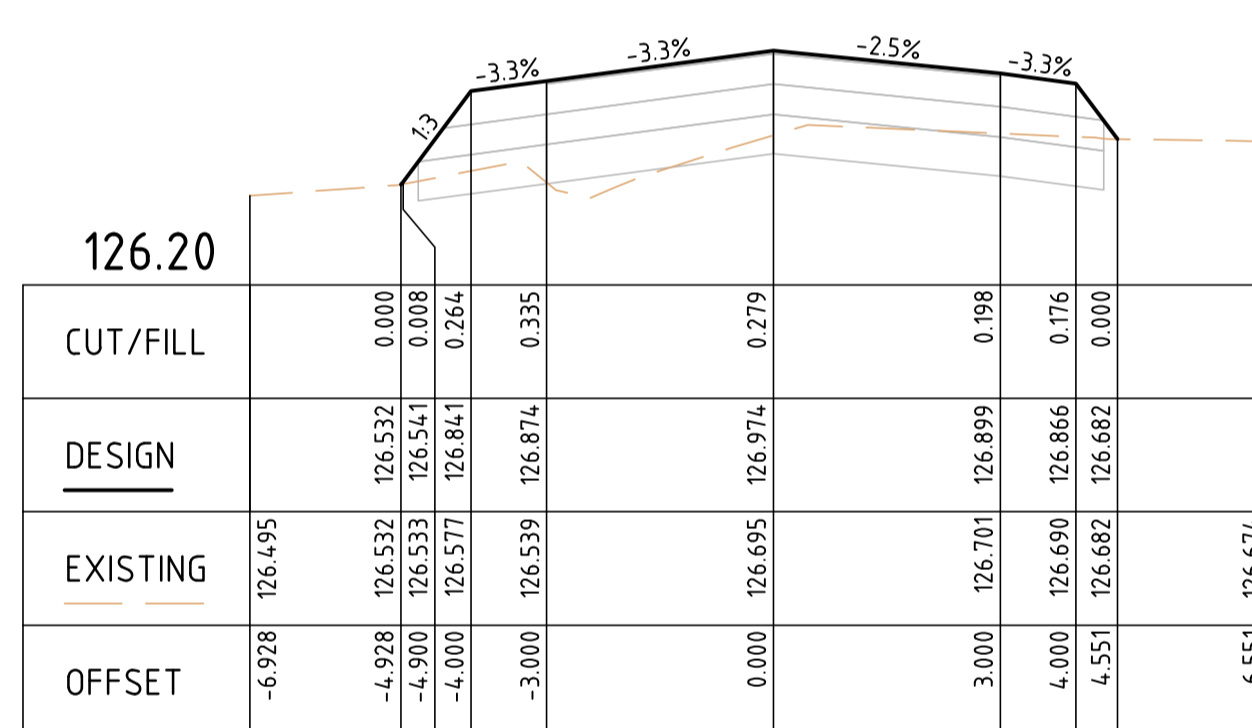
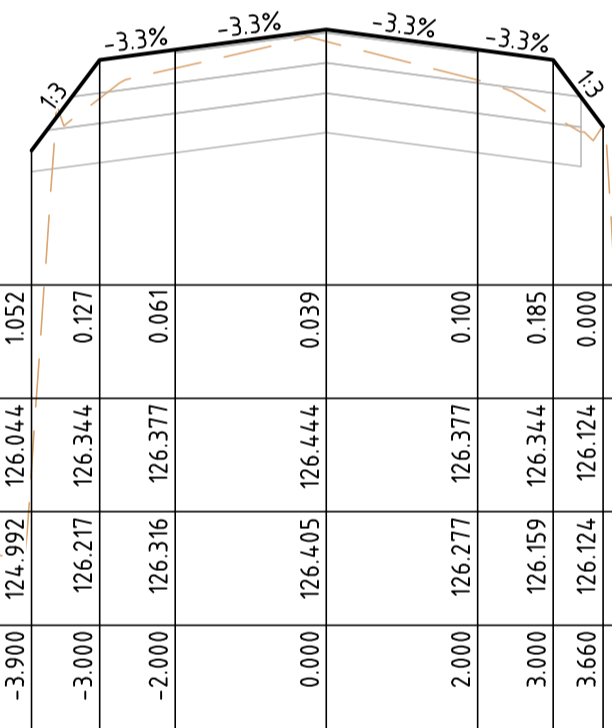
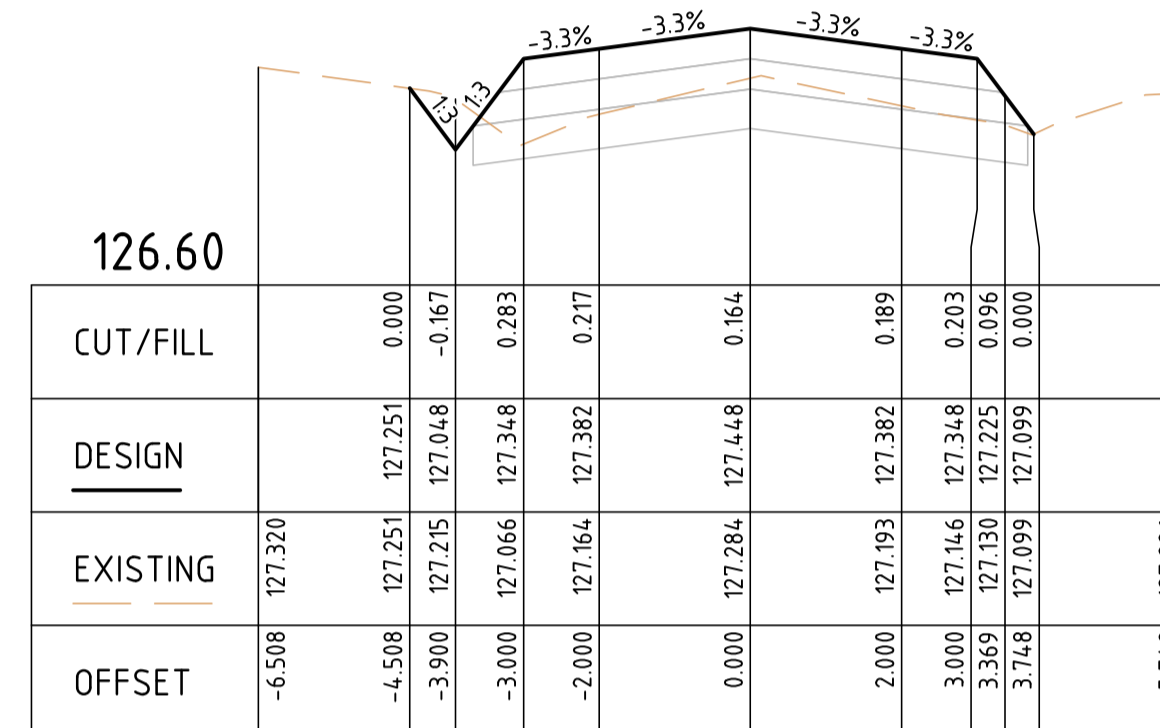
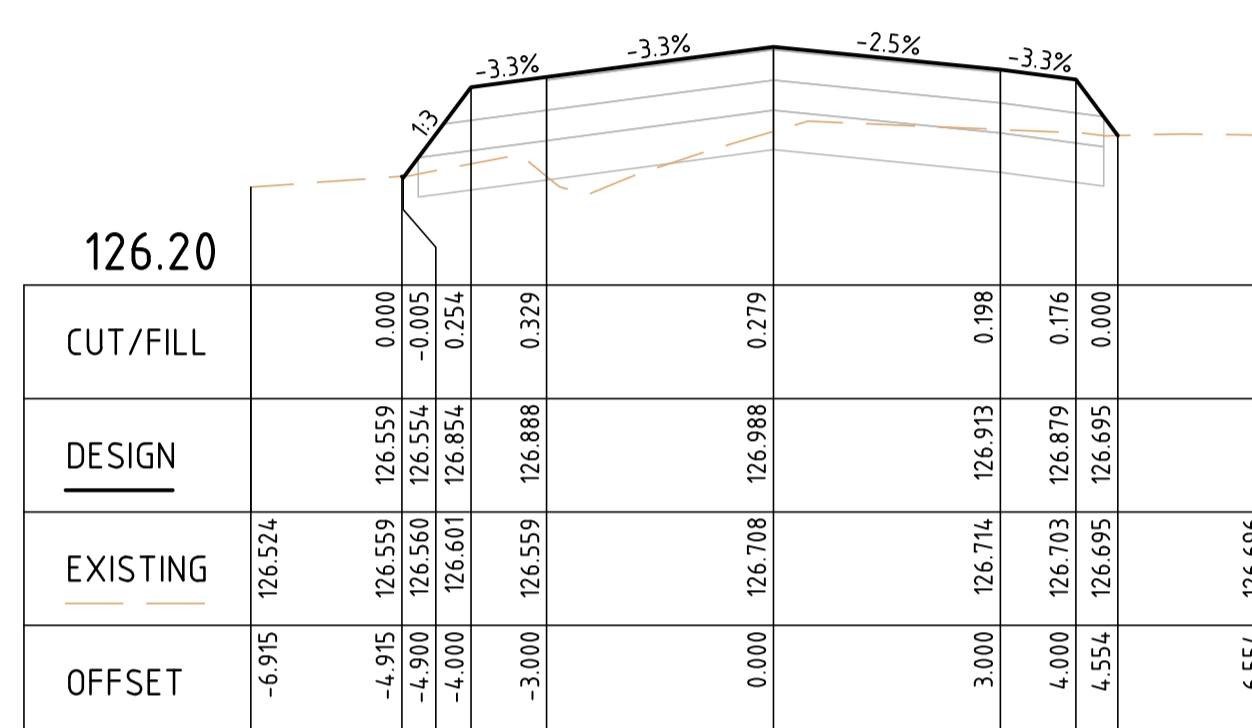
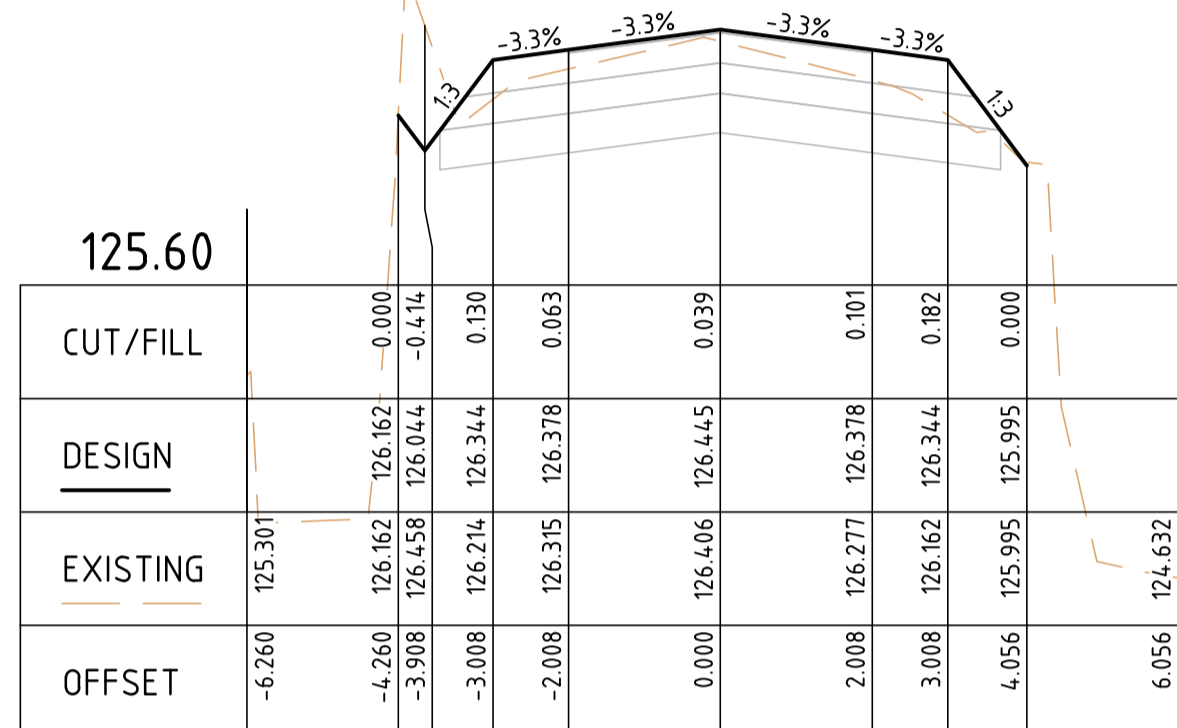
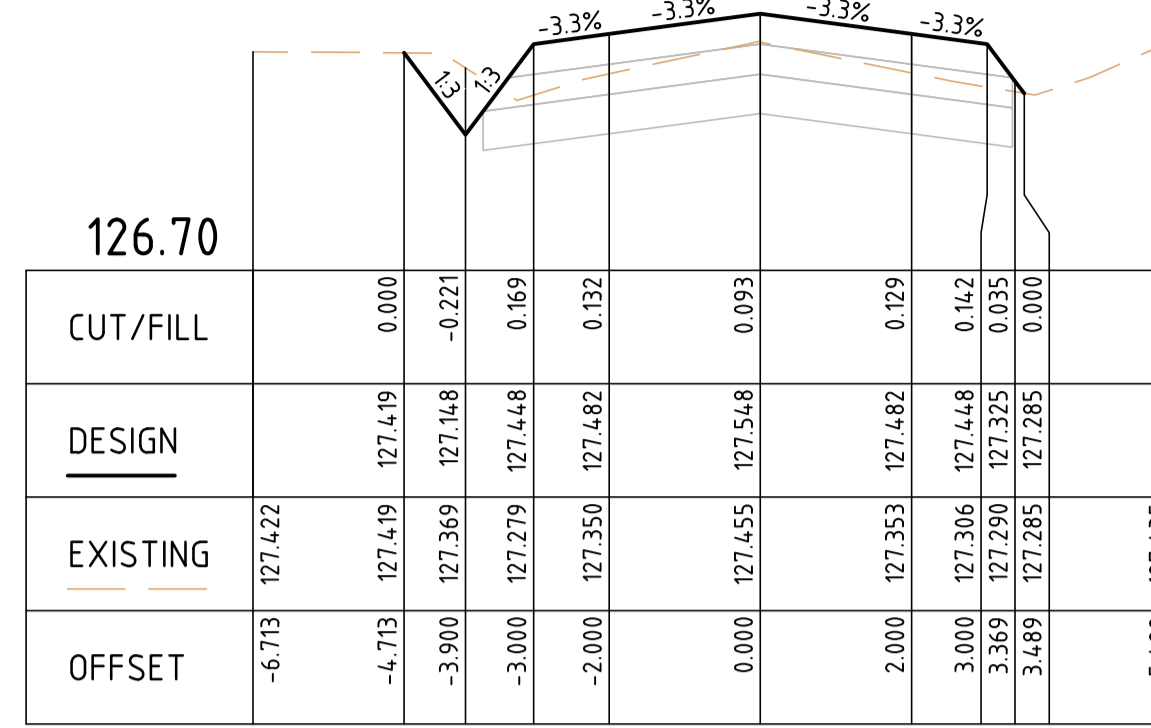
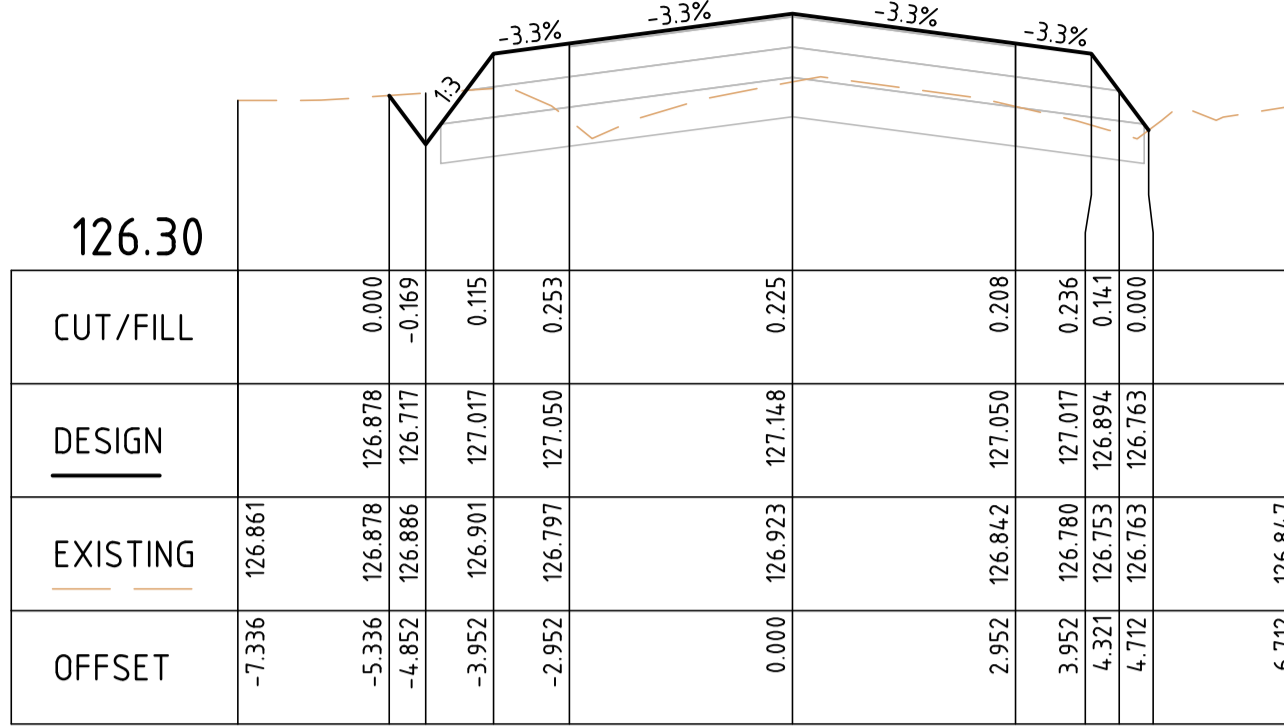
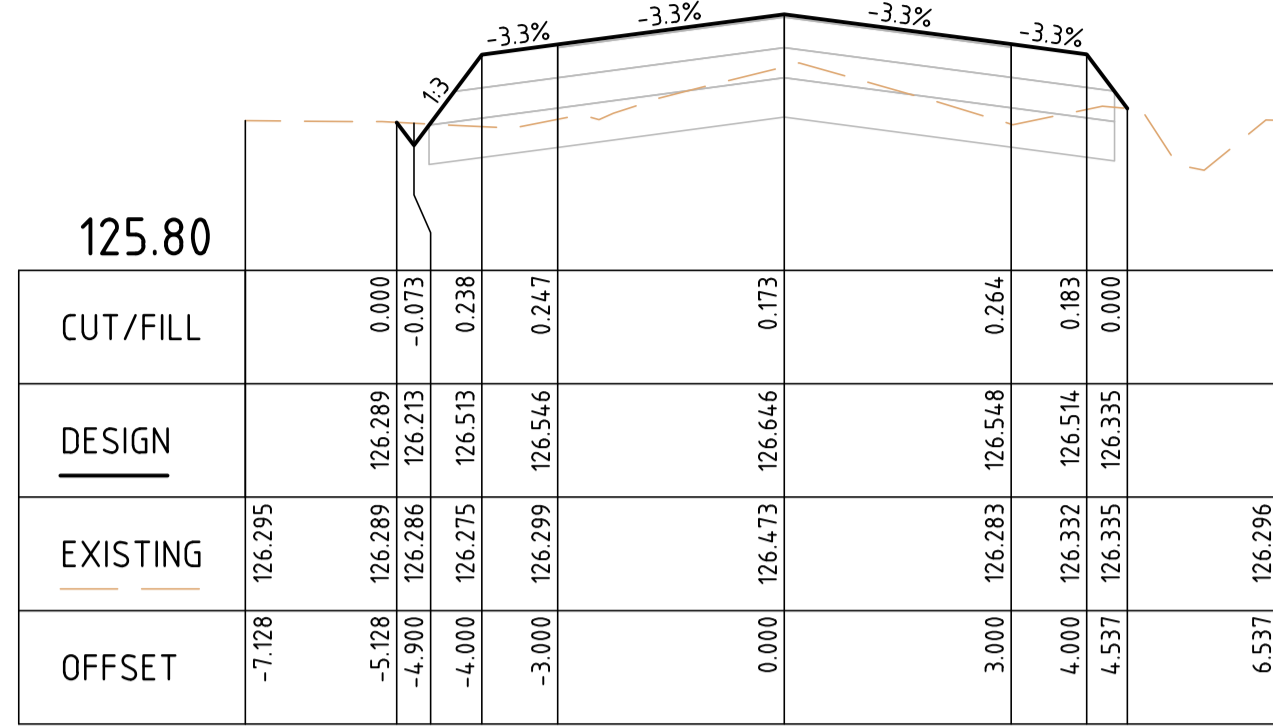
CONSTRUCTION



Strathbogie shire
Shire of Strathbogie
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

CAF CONSULTING
albn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Scale: | SCALE AS SHOWN | Size: | A1 |
| Property: | | Drawing No: | | Sheet: | |
| Title: | ROAD CROSS SECTIONS | | | Issue: | |
| | | 3697 / C52 | | 52 of 56 | G |



REEDY LAKE ROAD CROSS SECTIONS

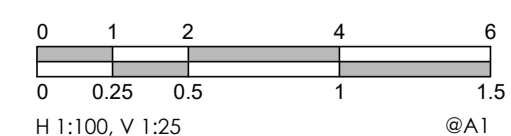
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:01:55 PM 3697_C39 ROAD_CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

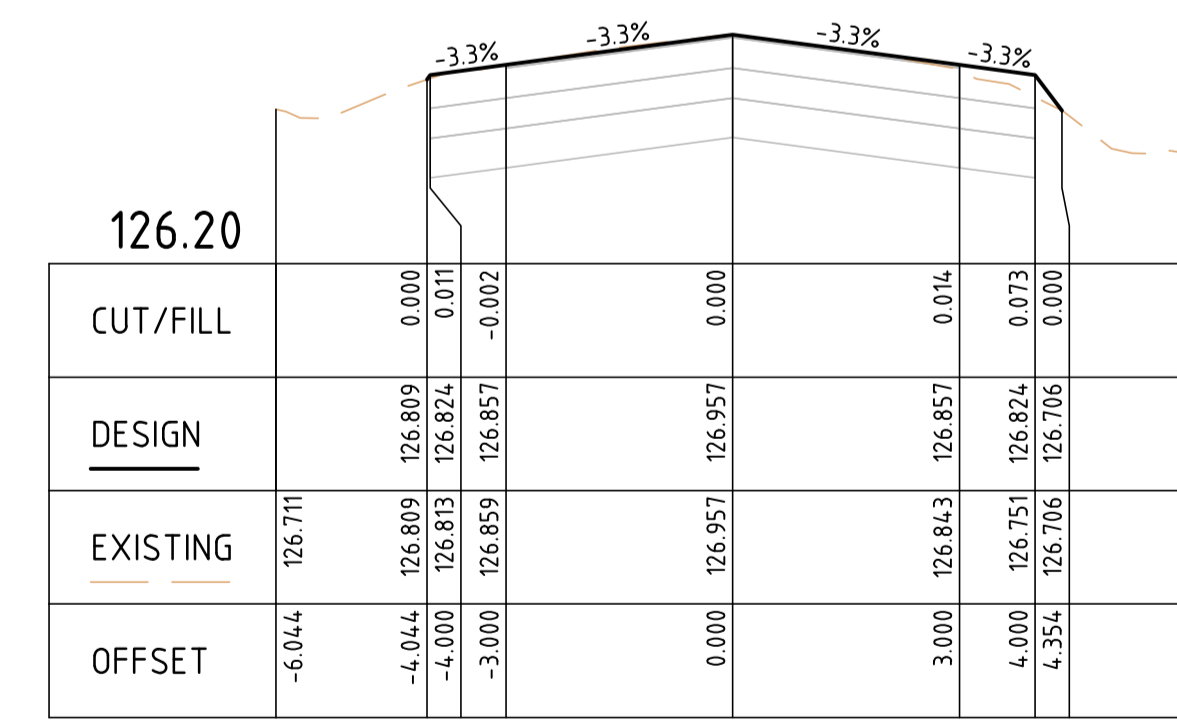
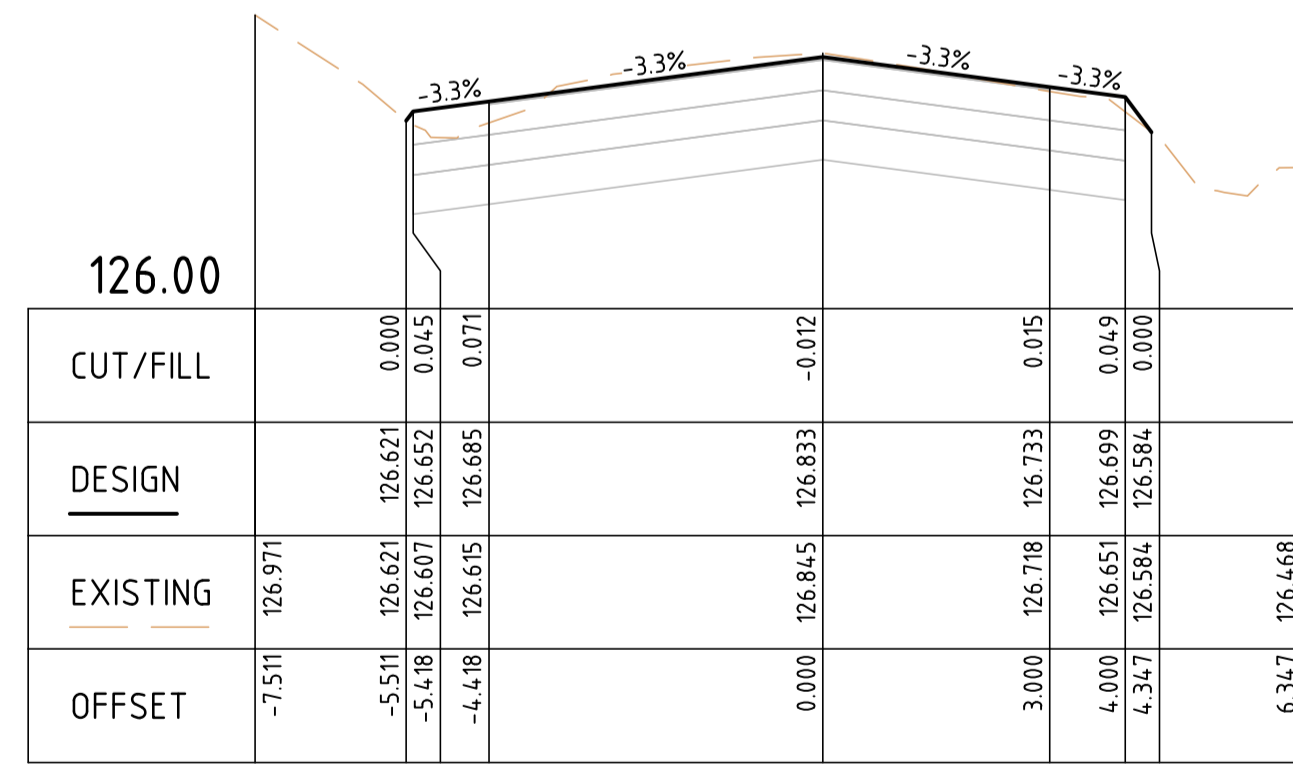
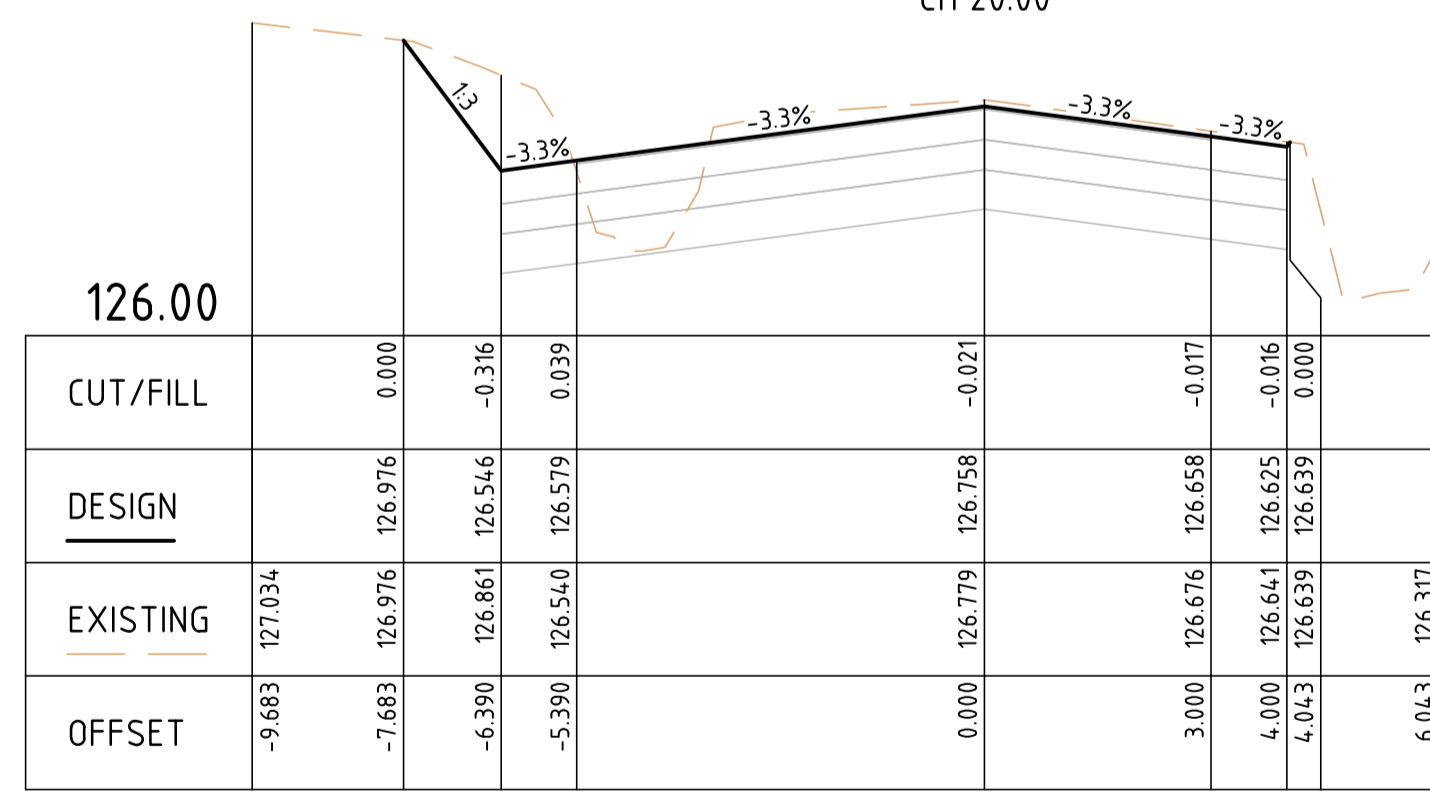
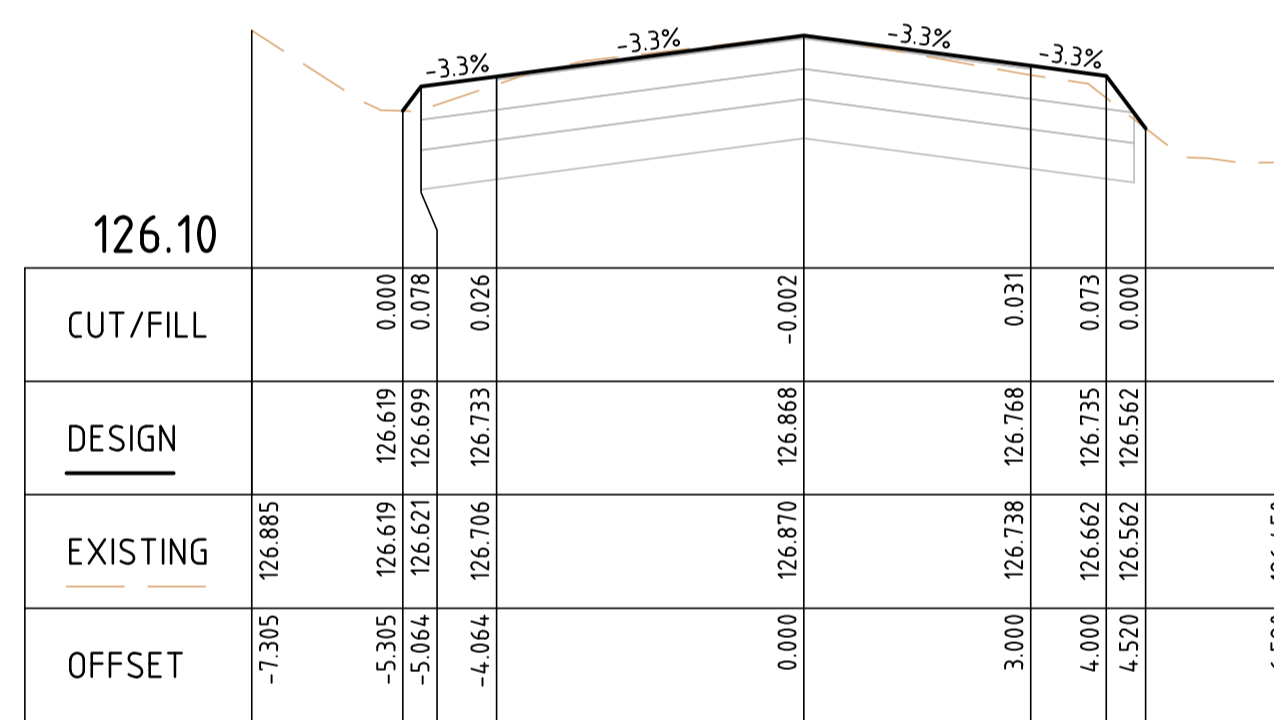
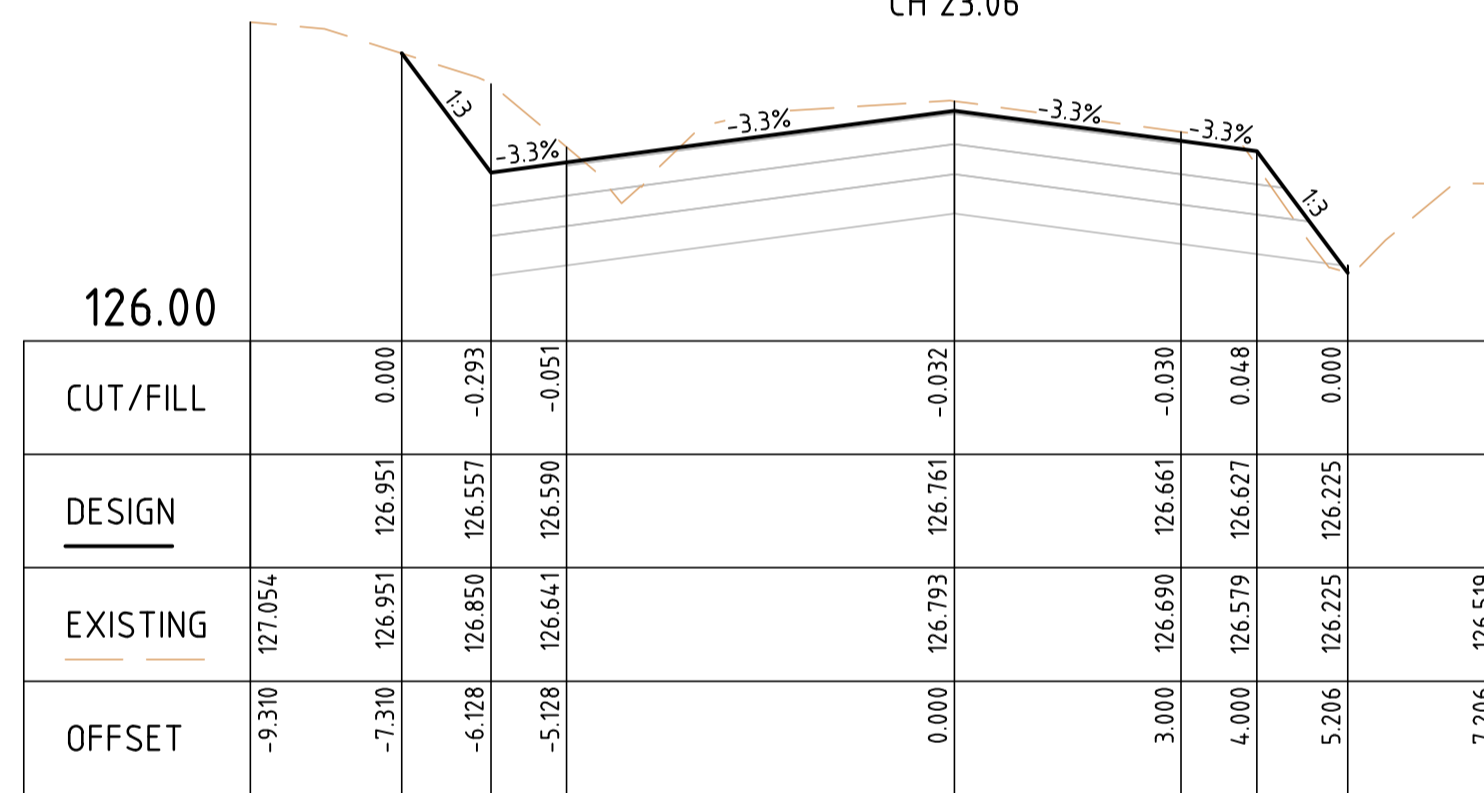
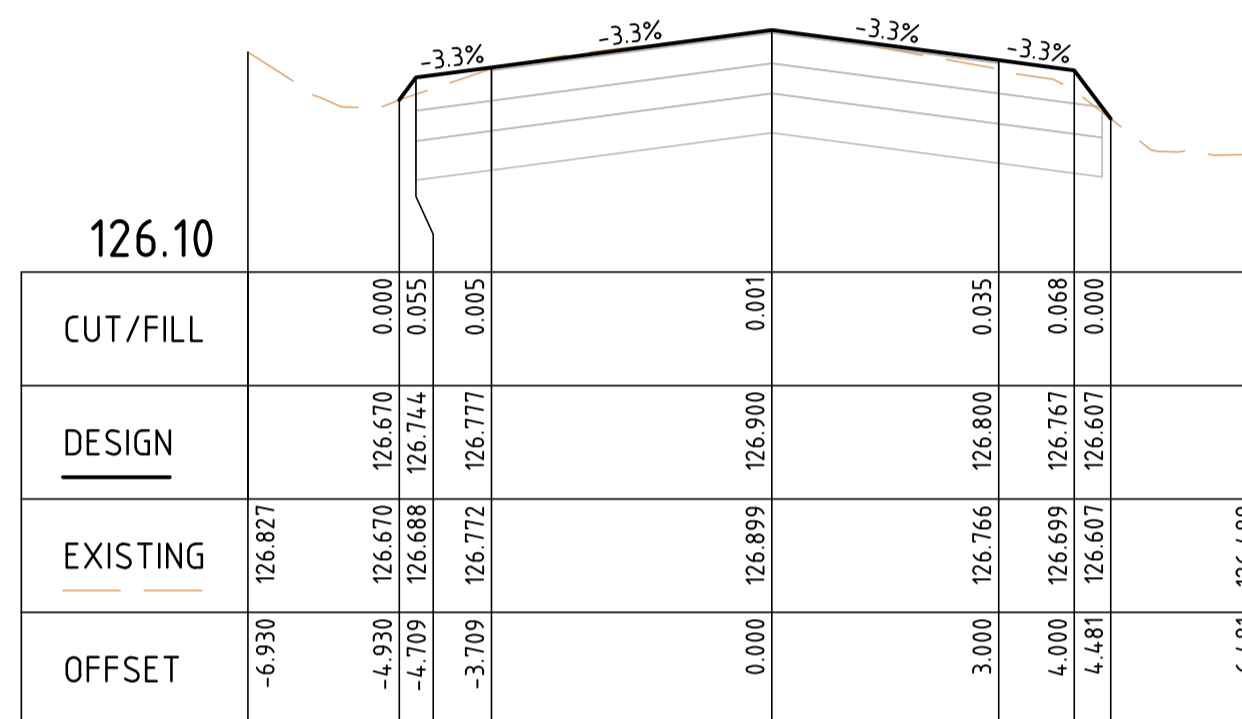
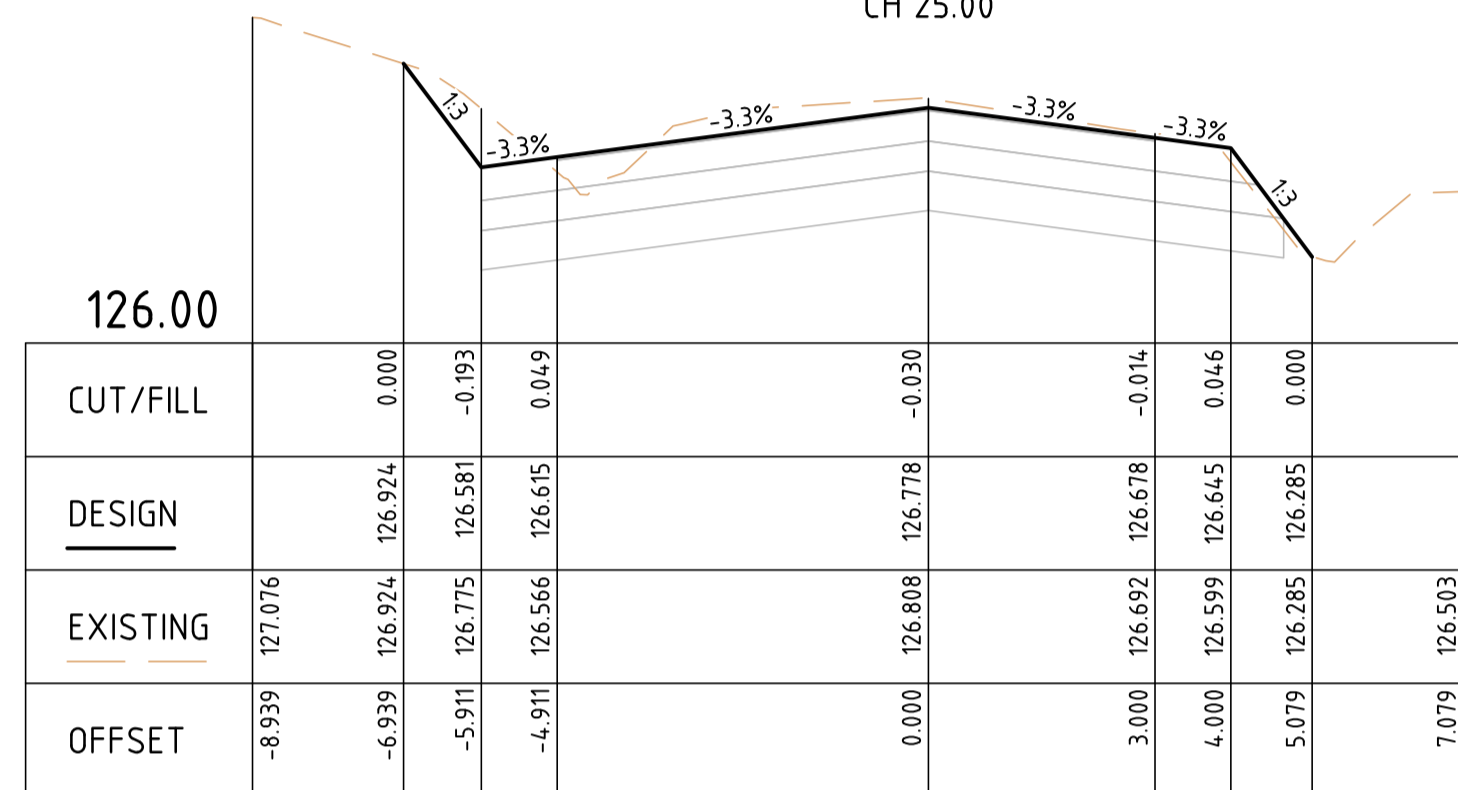
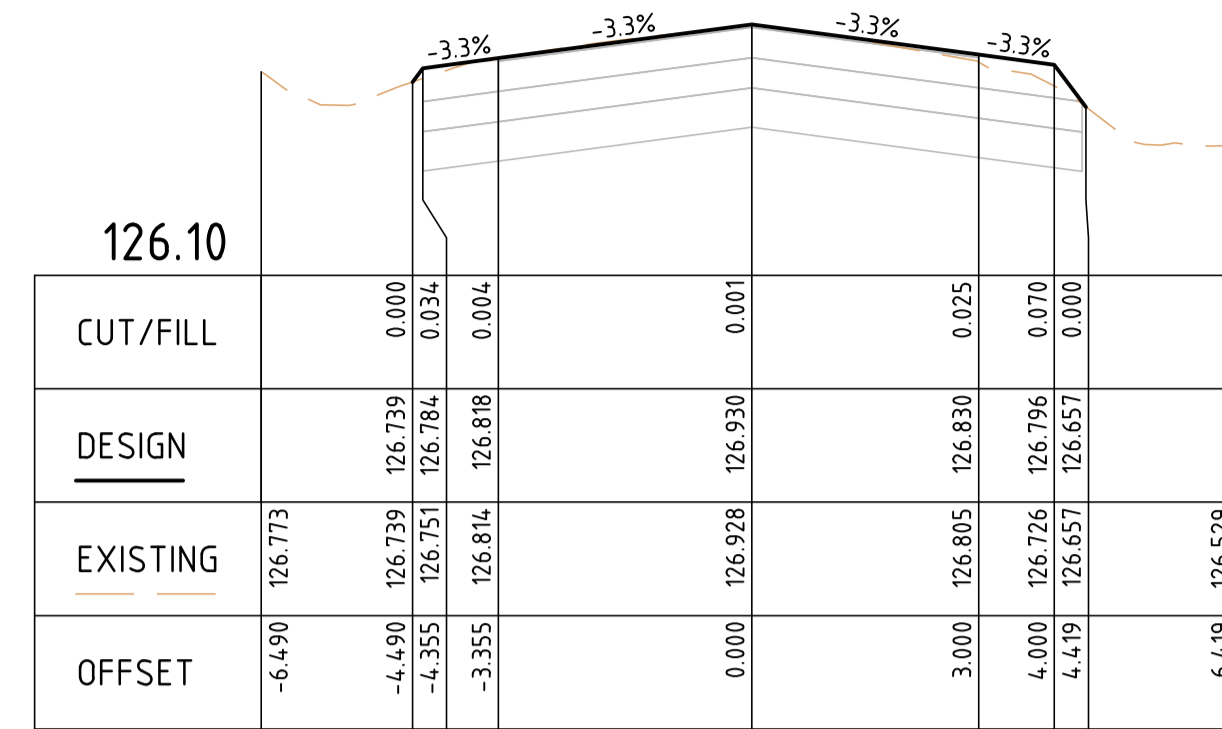
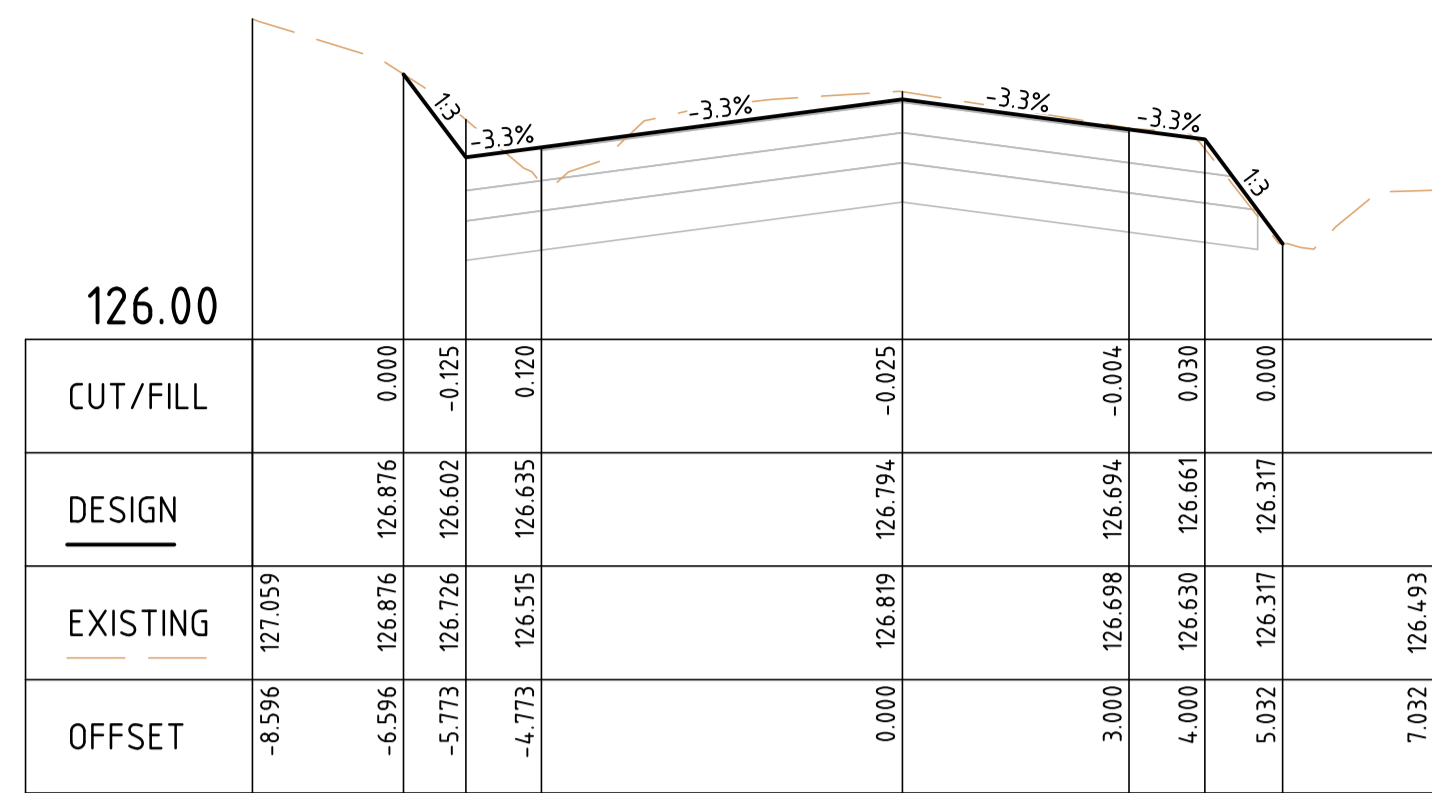
CONSTRUCTION



Shire of Strathbogies
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

abn: 37 160 560 556
 a: 38 Wyndham Street, Shepparton
 P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | |
|---------------|---|-------------|---------------------------|-----------|---------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Cad File: | 3697_C39 ROAD_CS.DWG | Scale: | SCALE AS SHOWN | Property: | - |
| Title: | ROAD CROSS SECTIONS | Drawing No: | 3697 / C53 | Sheet: | 53 of 56 |
| Size: | A1 | Issue: | G | | |



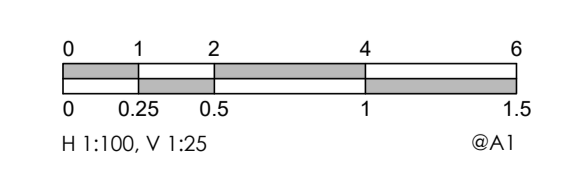
KETTLES ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

20/02/2023 3:01:55 PM 3697_C39 ROAD_CS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A HD, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

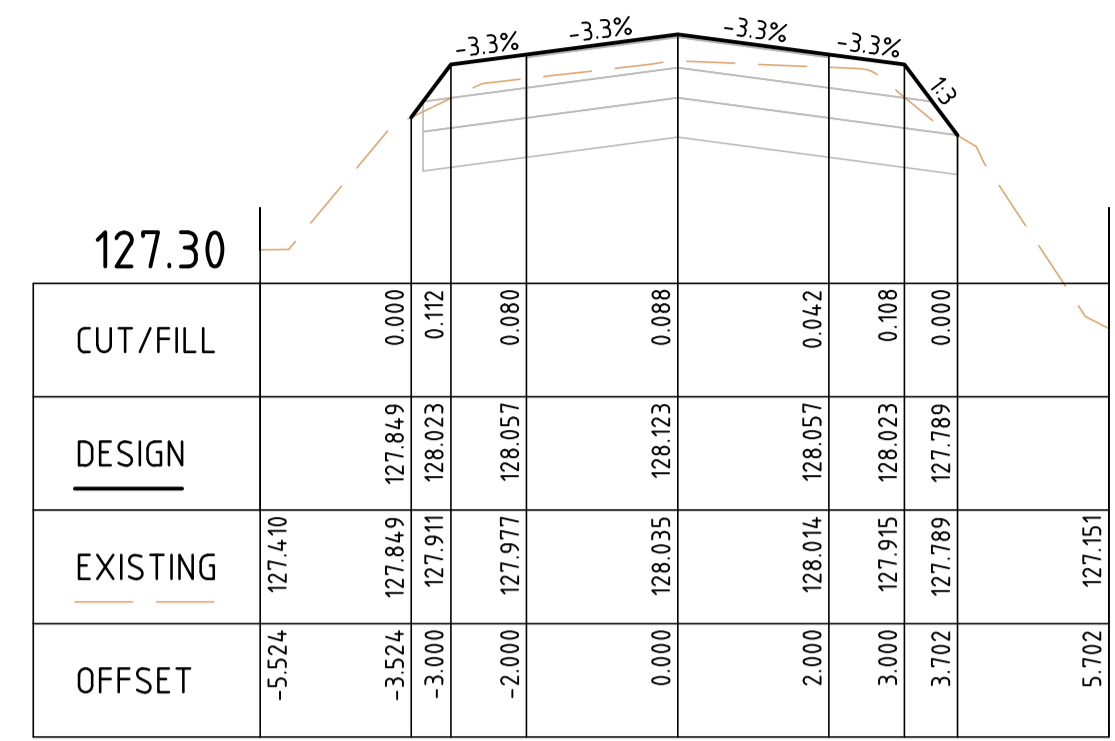
CONSTRUCTION



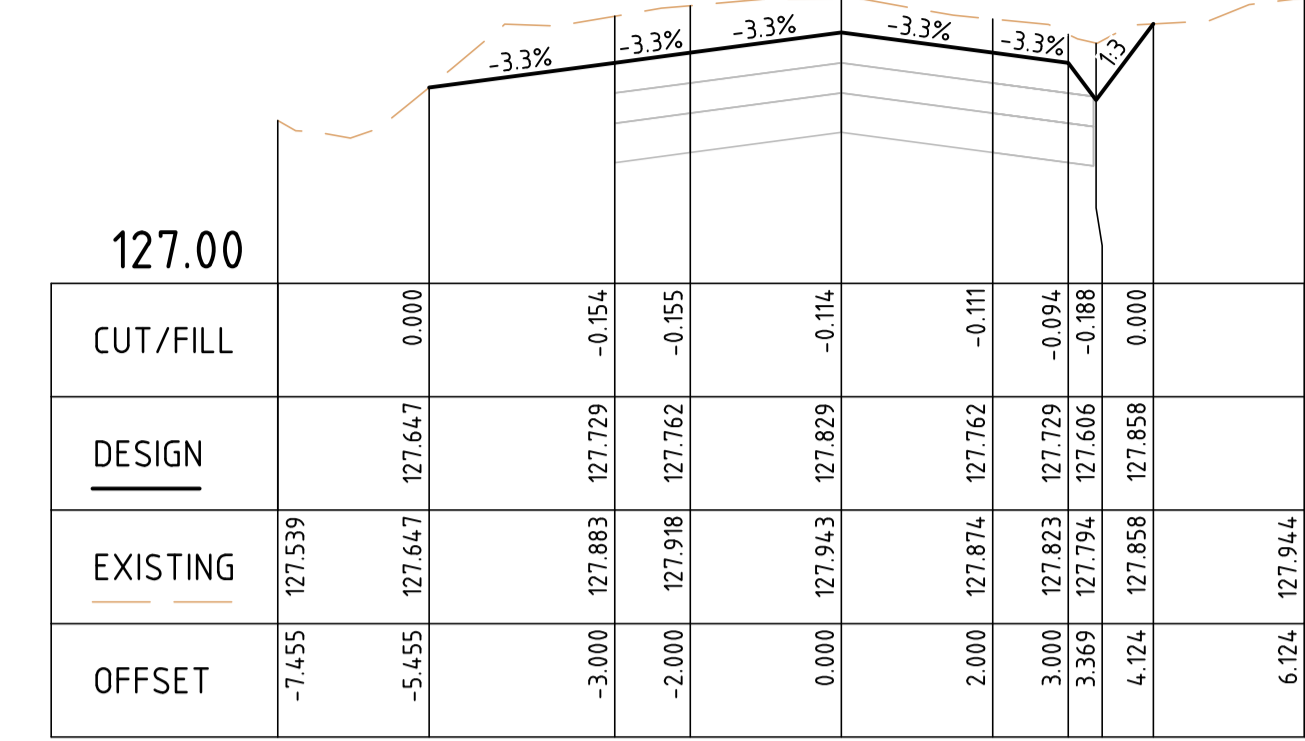
Shire of Strathbogies
109A Binney Street
P.O. Box 177,
Euroa, VIC 3666
Phone 1800 065 993

abn: 37 160 560 556
a: 38 Wyndham Street, Shepparton
p: P.O. Box 1948, Shepparton, VIC 3632
t: 03 5831 3347
f: 03 5831 3343
e: info@cafconsulting.com.au
w: cafconsulting.com.au

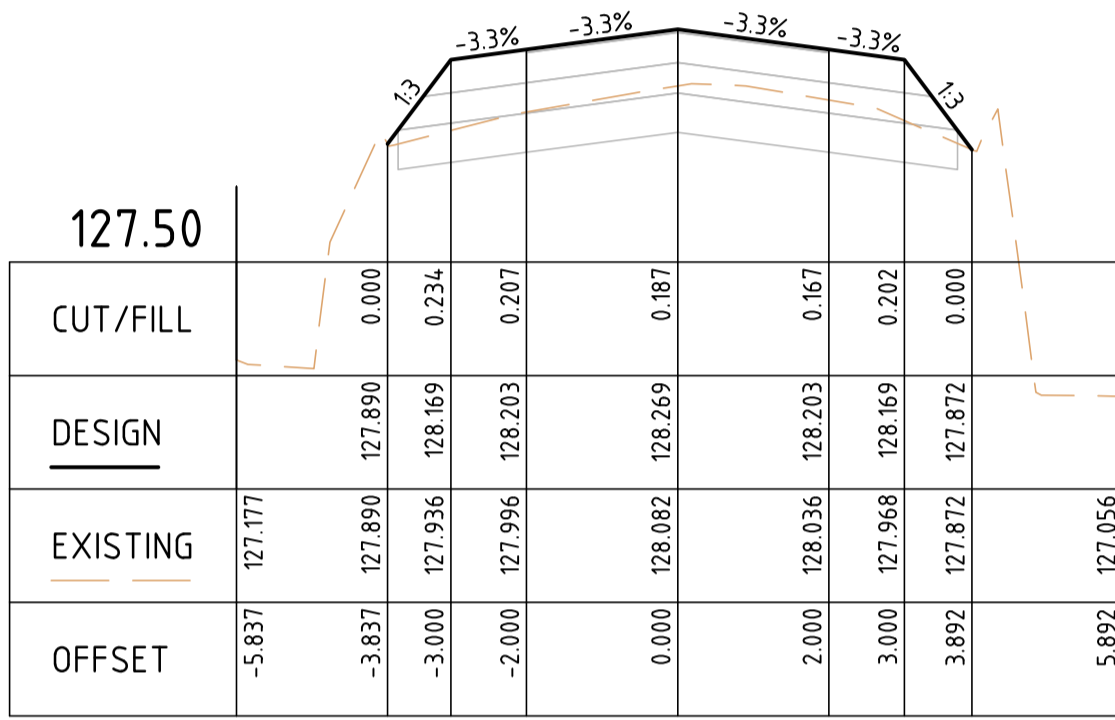
| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697_C39 ROAD_CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | | Sheet: | 54 of 56 |
| Title: | ROAD CROSS SECTIONS | | | Issue: | G |



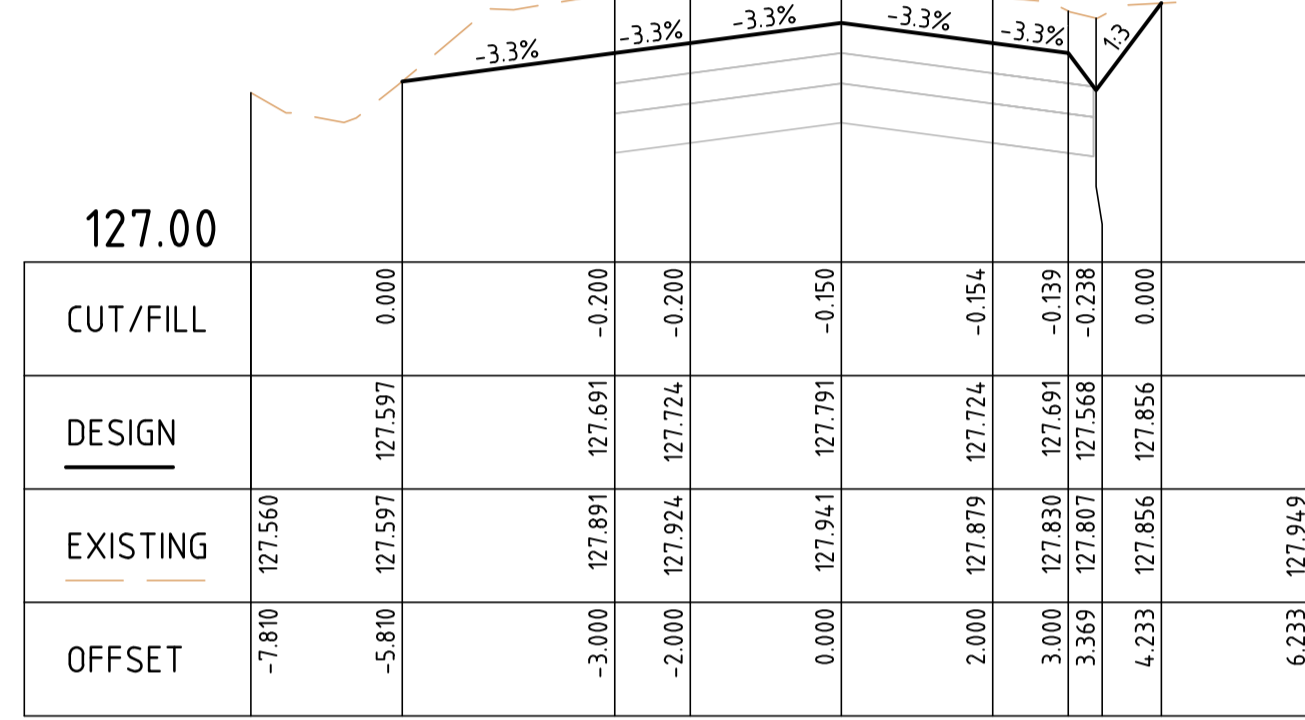
CH 20.00



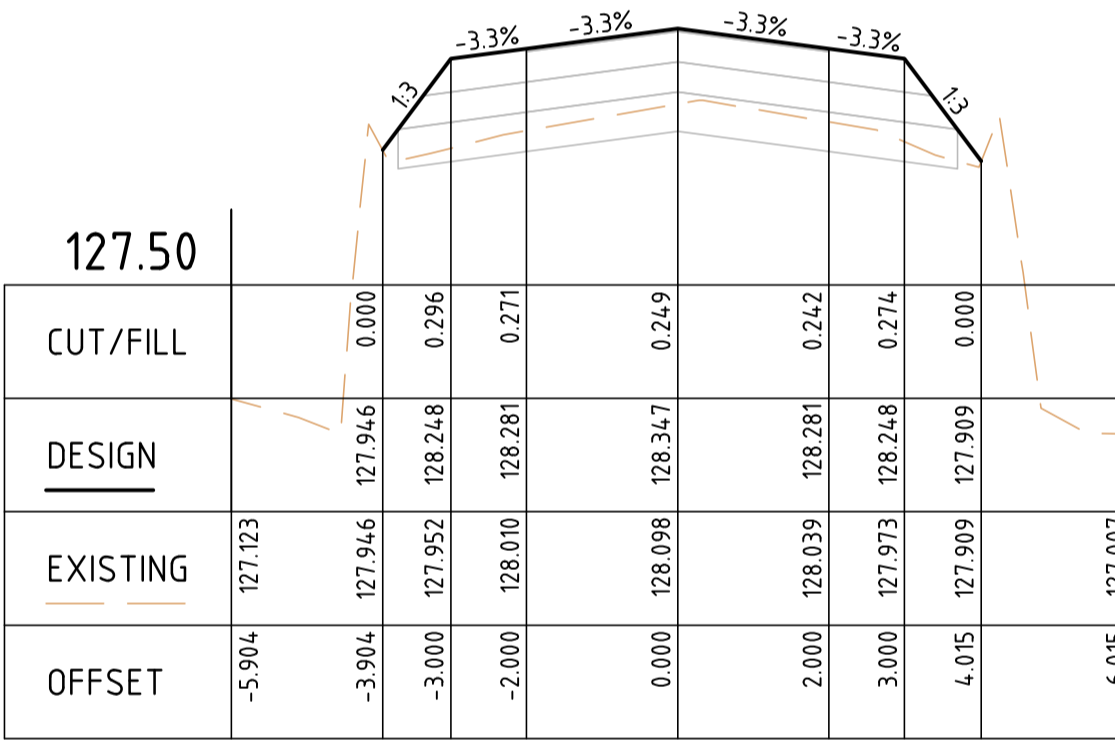
CH 25.00



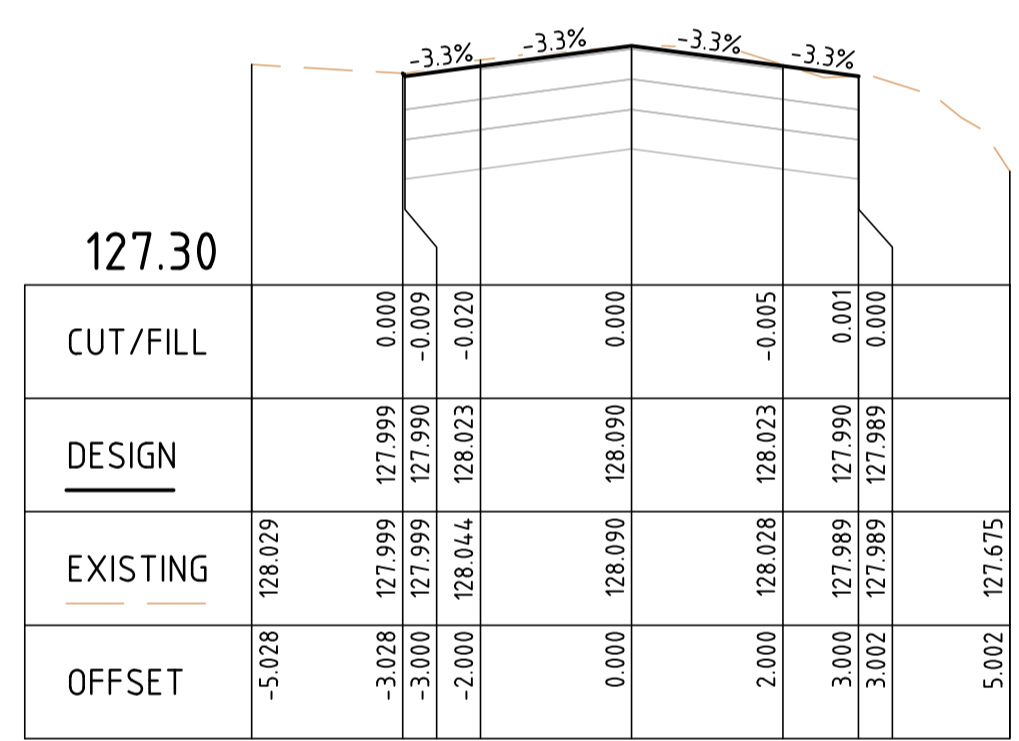
CH 16.37



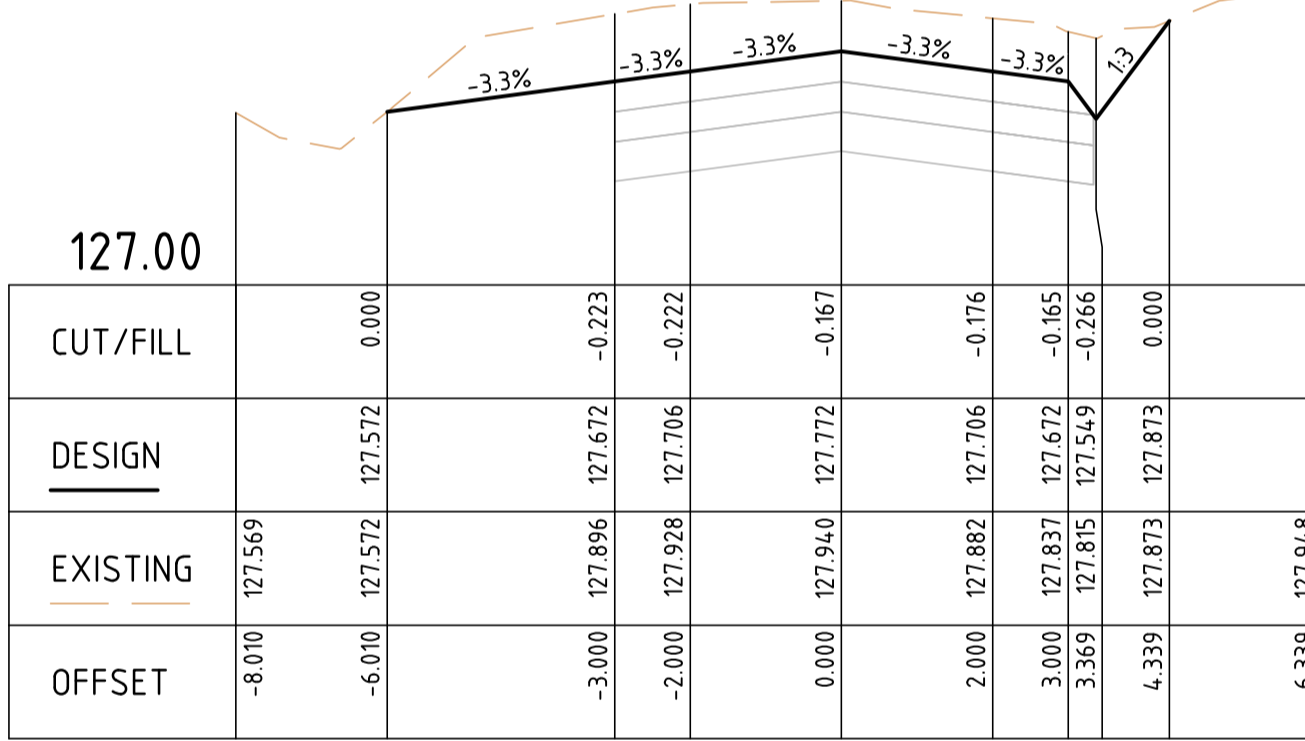
CH 22.01



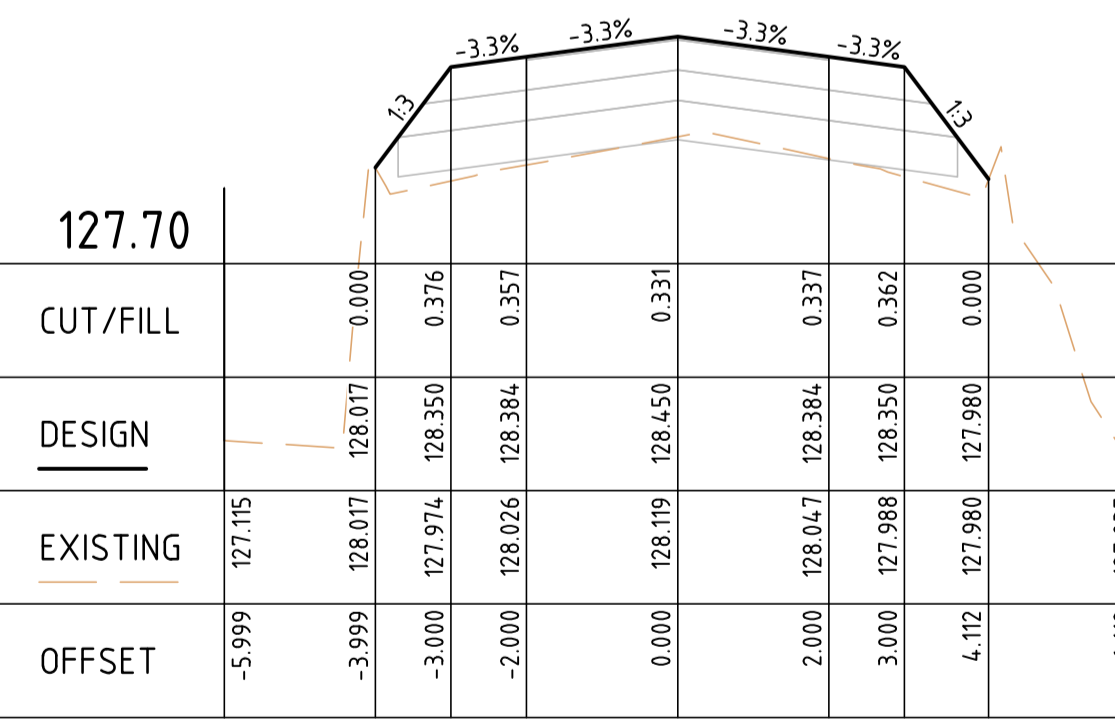
CH 15.00



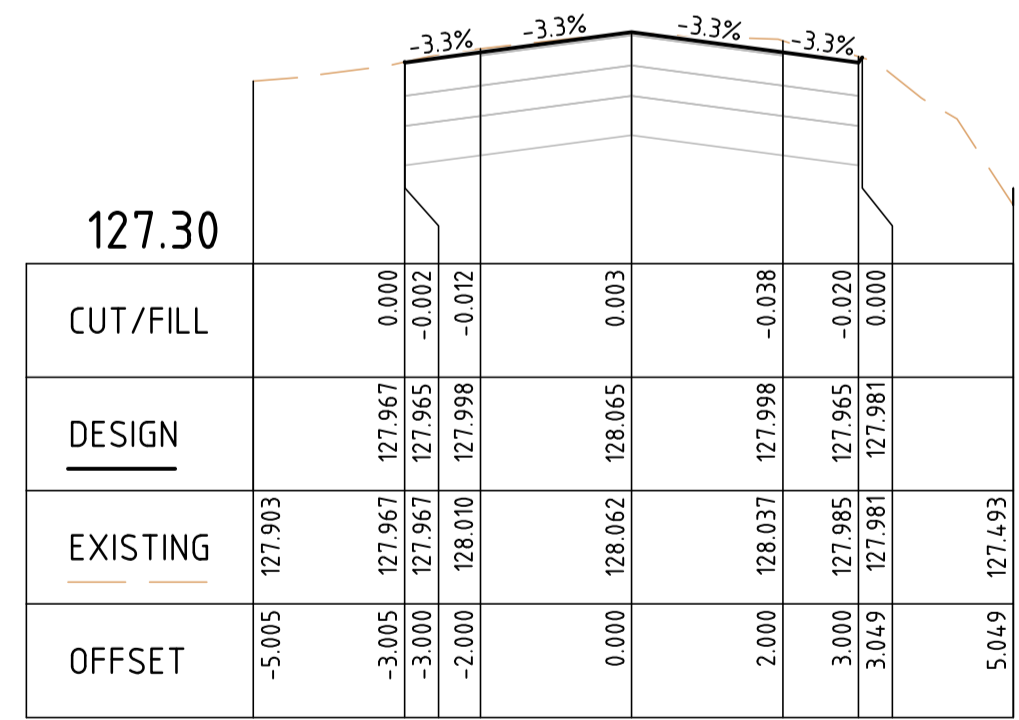
CH 30.00



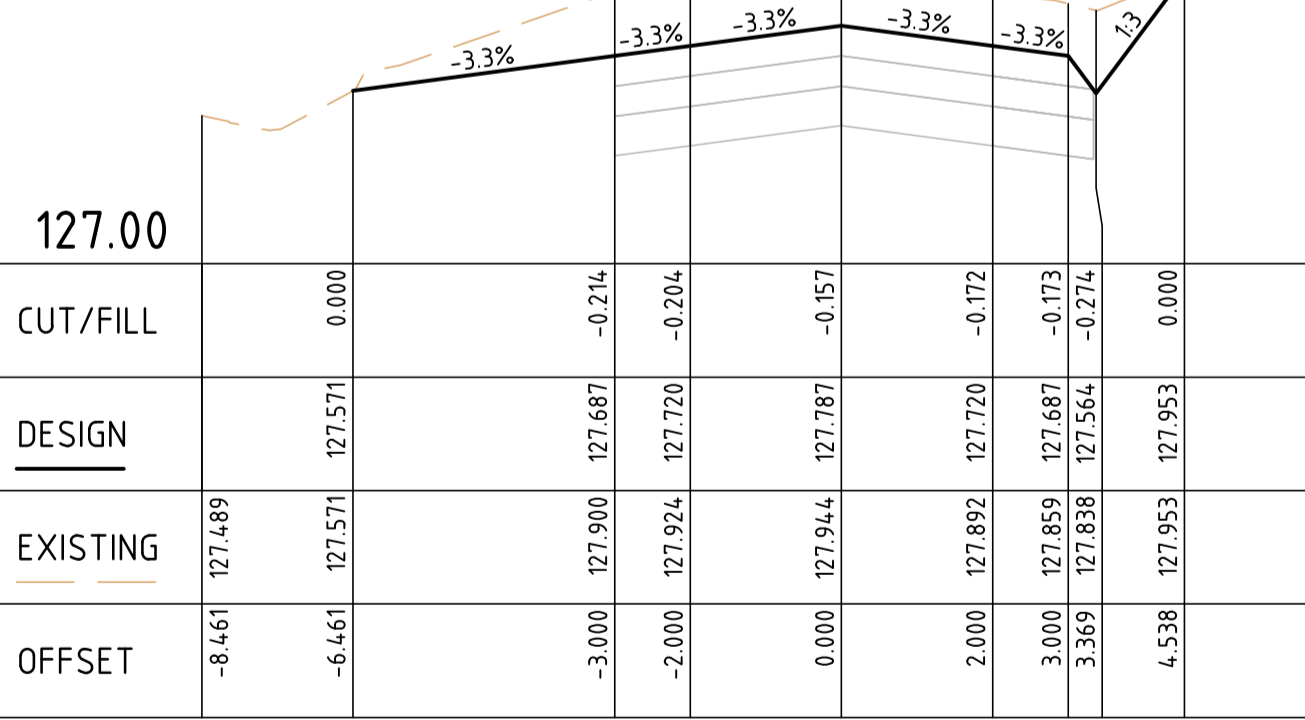
CH 20.00



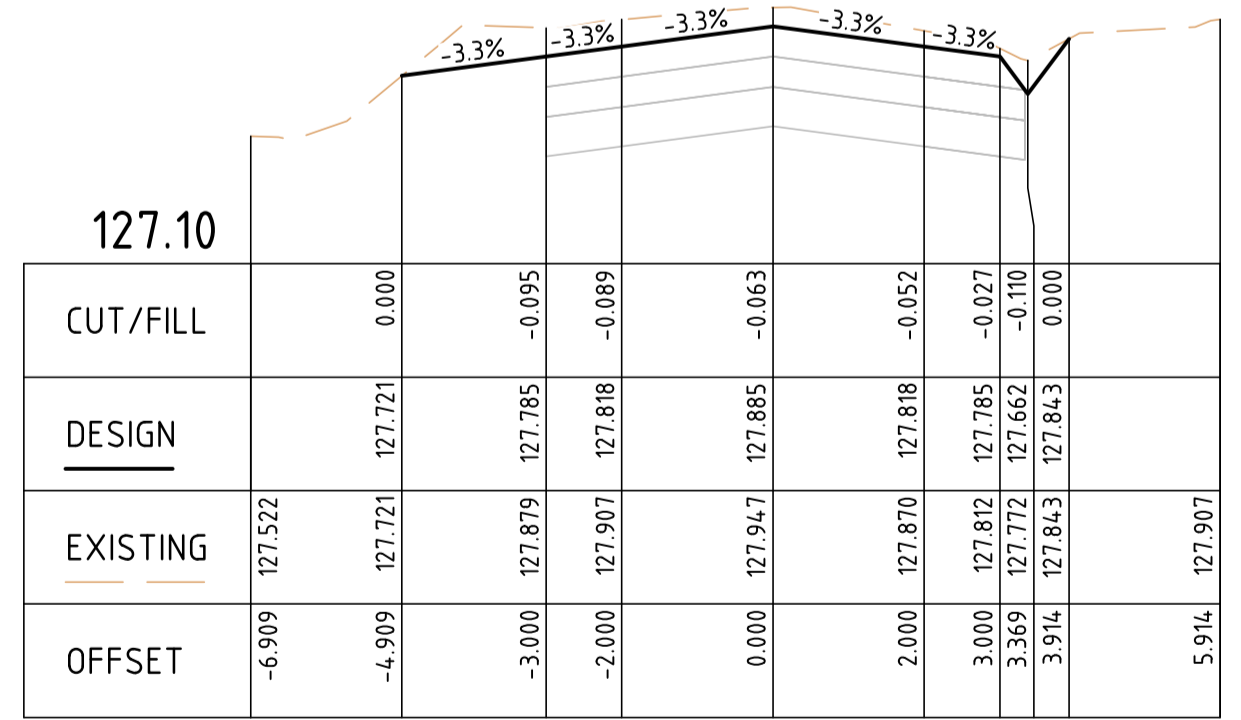
CH 13.33



CH 25.00



CH 14.82



CH 30.00

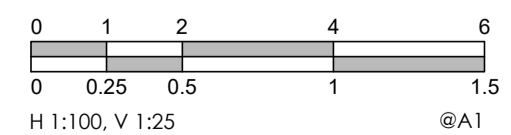
RICHARDS ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

HUDSON ROAD CROSS SECTIONS
SCALE 1:100(H) AND 1:25(V)

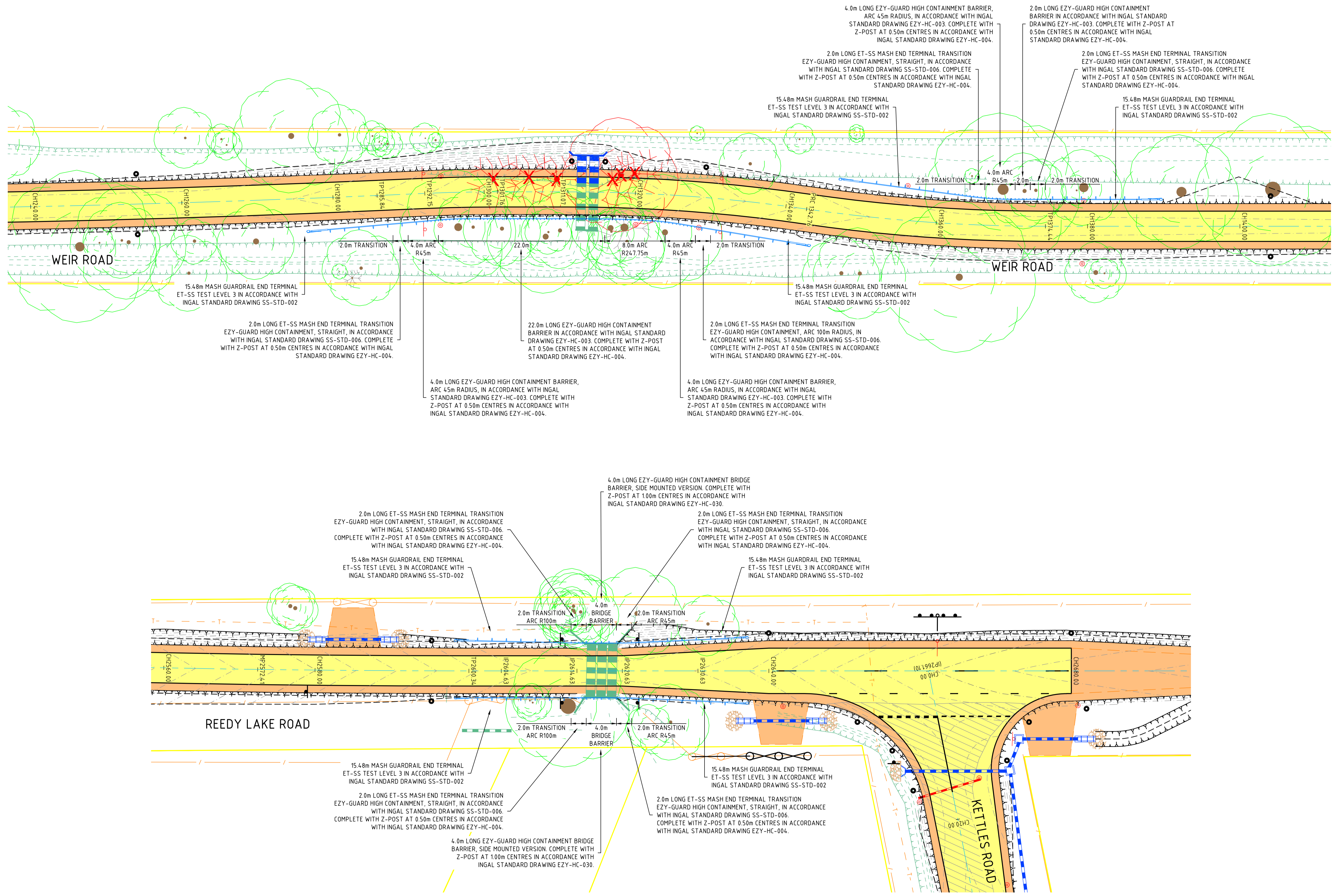
| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2022 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
SURVEY DATUM BAILLESTON PM 7 / SR57A125 RL: 127.830
LEVELS ARE IN A.H.D, GDA94 MGA ZONE 55
LENGTHS ARE SHOWN IN METRES
CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



| | | | | | |
|---------------|---|-------------|----------------------------|-----------|----------------------------|
| Client: | STRATHBOGIE SHIRE | Surveyed: | C.DRUITT 21/10/2021 | Drawn: | N.Y.-HUSBAND 15/11/2021 |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | Designed: | N.Y.-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 |
| Location: | | Cad File: | 3697 C39 ROAD CS.DWG | Scale: | SCALE AS SHOWN |
| Property: | | Drawing No: | | Sheet: | |
| Title: | ROAD CROSS SECTIONS | | | Issue: | |
| | | | | | |

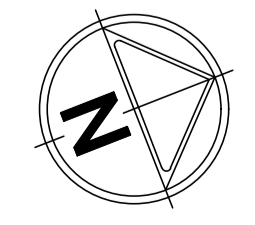


20/02/2023 12:02:36 PM 3697 C56 GUARDRAILS.DWG

| ISSUE | DESCRIPTION | DATE |
|-------|-------------------------|------------|
| - | - | - |
| G | ISSUED FOR CONSTRUCTION | 20/02/2023 |
| F | ISSUED FOR CONSTRUCTION | 29/06/2022 |
| E | ISSUED FOR APPROVAL | 08/06/2022 |
| D | ISSUED FOR APPROVAL | 08/04/2022 |
| C | ISSUED FOR APPROVAL | 24/02/2022 |
| B | ISSUED FOR INFORMATION | 14/01/2021 |
| A | ISSUED FOR INFORMATION | 19/11/2021 |

NOTATIONS:
 SURVEY DATUM BAILLIESTON PM 7 / SR57A125 RL: 127.830
 LEVELS ARE IN A.H.D. GDA94 MGA ZONE 55
 LENGTHS ARE SHOWN IN METRES
 CONTOUR INTERVAL IS 0.10m

CONSTRUCTION



Shire of Strathbogie
 109A Binney Street
 P.O. Box 177,
 Euroa, VIC 3666
 Phone 1800 065 993

CAF CONSULTING
 a: 38 Wyndham Street, Shepparton
 p: P.O. Box 1948, Shepparton, VIC 3632
 t: 03 5831 3347
 f: 03 5831 3343
 e: info@cafconsulting.com.au
 w: cafconsulting.com.au

| | | | | | | | |
|---------------|---|--|-------------|---------------------------|-----------|---------------------------|----------|
| Client: | STRATHBOGIE SHIRE | | Surveyed: | C DRUITT 21/10/2021 | Drawn: | N.Y-HUSBAND 15/11/2021 | |
| Project Name: | ROAD RECONSTRUCTION PROJECT WEIR AND REED LAKE ROADS, NAGAMBIE | | Designed: | N.Y-HUSBAND 15/11/2021 | Approved: | K.TIDD 19/11/2021 | |
| Location: | | | Cad File: | 3697 C56 GUARDRAILS.DWG | | Size: | A1 |
| Property: | | | Scale: | SCALE AS SHOWN | | Shit: | |
| Title: | GUARDRAIL LAYOUT PLAN | | Drawing No: | 3697 / C56 | | Issue: | 56 of 56 |