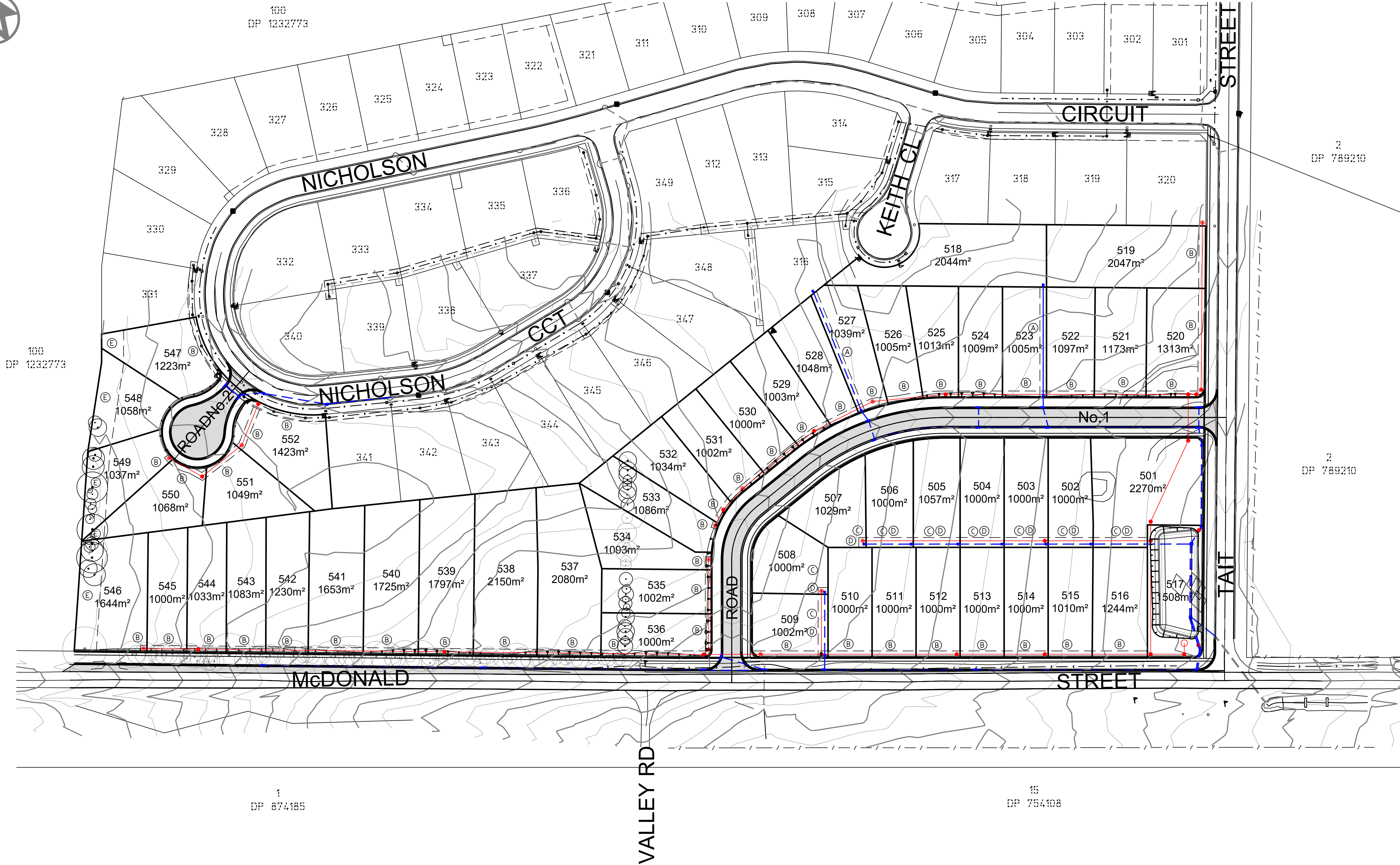




EXTEND FOOTPATH TO MEET EXISTING FOOTPATH  
IN NICHOLSON CIRCUIT

**NOTE:**  
PROVIDE KERB ADAPTER OUTLETS FOR ALL LOTS  
DRAINING TO STREET.

#### LEGEND

- PAVEMENT
  - CONCRETE PAVING
  - TREE TO BE REMOVED
  - EXISTING TREE
- FOR DETAILS  
REFER SHEET 8.

#### NOTES

- FOR LEGEND AND GENERAL NOTES REFER TO SHEET 1.
- FOR TYPICAL ROAD CROSS SECTIONS REFER TO SHEET 8.
- THESE DRAWINGS ARE SOLELY FOR SUBDIVISION CIVIL CONSTRUCTION PURPOSES ONLY AND SHALL NOT BE USED FOR THE DESIGN OF INDIVIDUAL DWELLINGS OR BUILDINGS ON ANY OF THE LOTS SHOWN HEREON.
- ANY VARIATION TO THE APPROVED DESIGN AS SHOWN ON THESE PLANS MUST BE FIRSTLY REFERRED TO CIVIL DEVELOPMENT SOLUTIONS PRIOR TO ANY AGREEMENTS OR ARRANGEMENTS BEING MADE WITH COUNCIL INSPECTORS.
- THESE PLANS ARE TO BE READ AT A1 SIZE.
- THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE SAFETY IN DESIGN RISK REGISTER PREPARED BY CDS.
- SURVEY PROVIDED BY LANDTEAM.

**NOTE:**

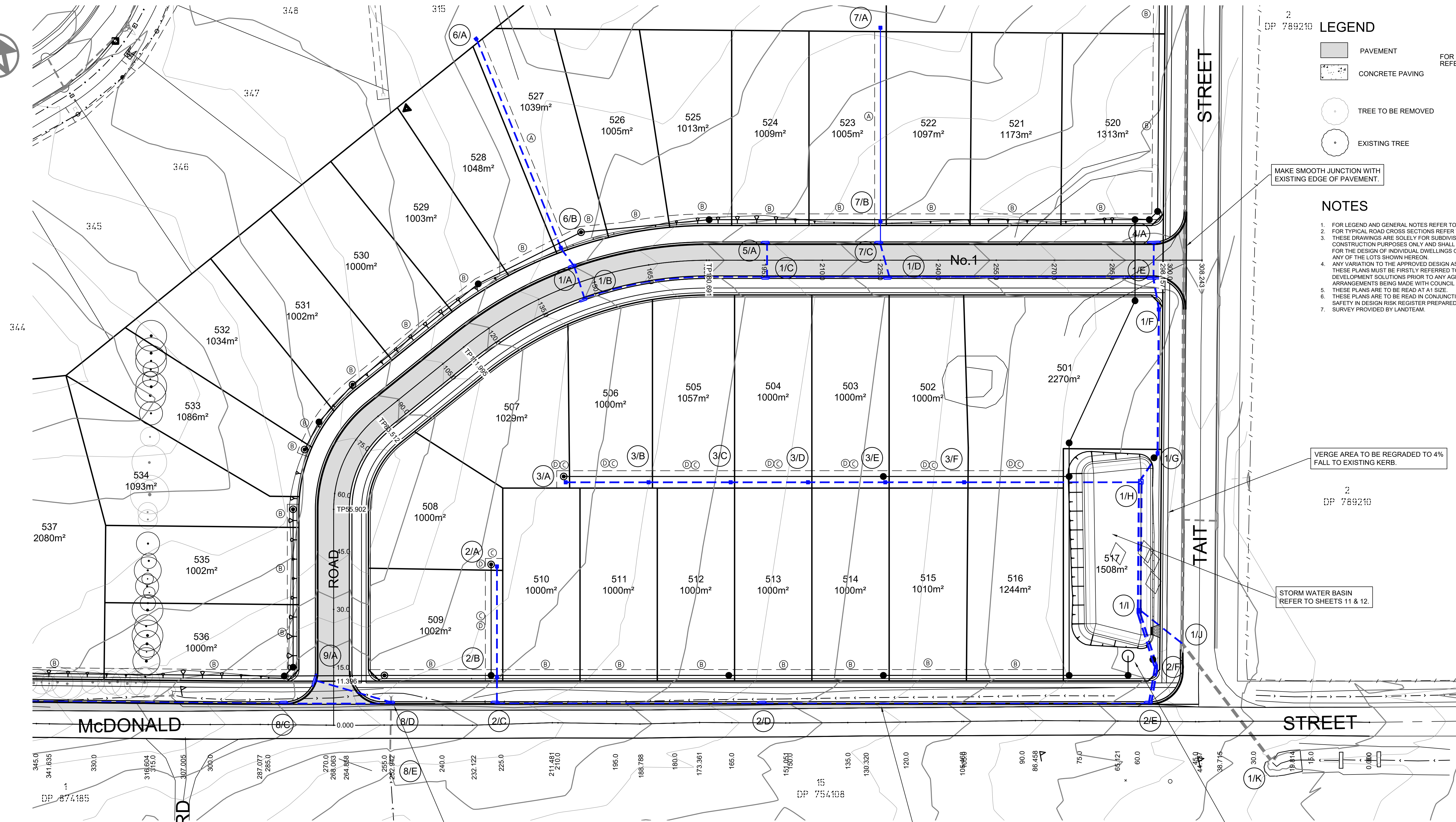
LOT 501 TO BE DEDICATED TO COUNCIL AS PUBLIC RESERVE.  
LOT 517 TO BE DEDICATED TO COUNCIL AS DRAINAGE RESERVE.



- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)
- (E) RESTRICTION AS TO USER (RFS) (PROPOSED)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                                                     |                                                           |                |                    |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|--------------------|------------|
| UTILITY SERVICES NOTE<br>No utility service investigations have been undertaken for this project. The presence, exact location, nature and size of utility services must be confirmed by field inspection, prior to the commencement of any excavations, earthworks or roadworks. The contractor is to obtain the relevant utility plans from Dial Before You Dig Ph:1100, all recommendations made by the service authority are to be followed. Caution to be exercised whilst working in the vicinity of all services. | revision | revision details      | date     | drawn |  | <b>Civil Development Solutions</b><br>ABN 74 160 361 446<br>Civil Engineering, Development and Project Consultants<br>Unit 9, 44-48 Bowral Street,<br>BOWRAL NSW 2576<br>P: 4862-1277<br>E: admin@cdsolutions.com.au<br>www.cdsolutions.com.au | WINGECARRIBEE SHIRE COUNCIL DA: ----<br><b>LOT 350, DP 1301003</b><br><b>TAIT STREET,</b><br><b>CROOKWELL</b><br>client: <b>DARJEELING PASTORAL</b> | <b>CONCEPT OVERALL<br/>SITE PLAN</b><br><br>SCALE: 1:1000 | designed: J.C. | A1 sheet           | revision C |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A        | Initial Issue         | 18/04/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                                                     |                                                           | drawn: J.C.    | Job Drawing Number |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B        | Council Amendments    | 26/08/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                                                     |                                                           | checked: R.A.  | <b>2124</b>        |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | C        | RFS Restriction Added | 21/10/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                                                     |                                                           | datum: A.H.D.  | <b>CE05</b>        |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                                                     |                                                           | date: 18/04/24 | sheet 1            | sheets 15  |





- 2  
DP 789210
- LEGEND**
- PAVEMENT
  - CONCRETE PAVING
  - TREE TO BE REMOVED
  - EXISTING TREE
- FOR DETAILS REFER SHEET 8.

- MAKE SMOOTH JUNCTION WITH EXISTING EDGE OF PAVEMENT.
- NOTES**
- FOR LEGEND AND GENERAL NOTES REFER TO SHEET 1.
  - FOR TYPICAL ROAD CROSS SECTIONS REFER TO SHEET 8.
  - THESE DRAWINGS ARE SOLELY FOR SUBDIVISION CIVIL CONSTRUCTION PURPOSES ONLY AND SHALL NOT BE USED FOR THE DESIGN OF INDIVIDUAL DWELLINGS OR BUILDINGS ON ANY OF THE LOTS SHOWN HEREON.
  - ANY VARIATION TO THE APPROVED DESIGN AS SHOWN ON THESE PLANS MUST BE FIRSTLY REFERRED TO CIVIL DEVELOPMENT SOLUTIONS PRIOR TO ANY AGREEMENTS OR ARRANGEMENTS BEING MADE WITH COUNCIL INSPECTORS.
  - THESE PLANS ARE TO BE READ AT A1 SIZE.
  - THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE SAFETY IN DESIGN RISK REGISTER PREPARED BY CDS.
  - SURVEY PROVIDED BY LANDTEAM.

VERGE AREA TO BE REGRADED TO 4% FALL TO EXISTING KERB.

2  
DP 789210

STORM WATER BASIN  
REFER TO SHEETS 11 & 12.

STREET

PROPOSED SPS SITE  
REFER SHEET 13.

PLACE Ø300mm ORIFICE PLATE IN PIT 8/D  
OVER OUTLET TO LIMIT FLOWS TO PRE DEVELOPED LEVELS.

MAKE SMOOTH JUNCTION WITH EXISTING EDGE OF PAVEMENT.

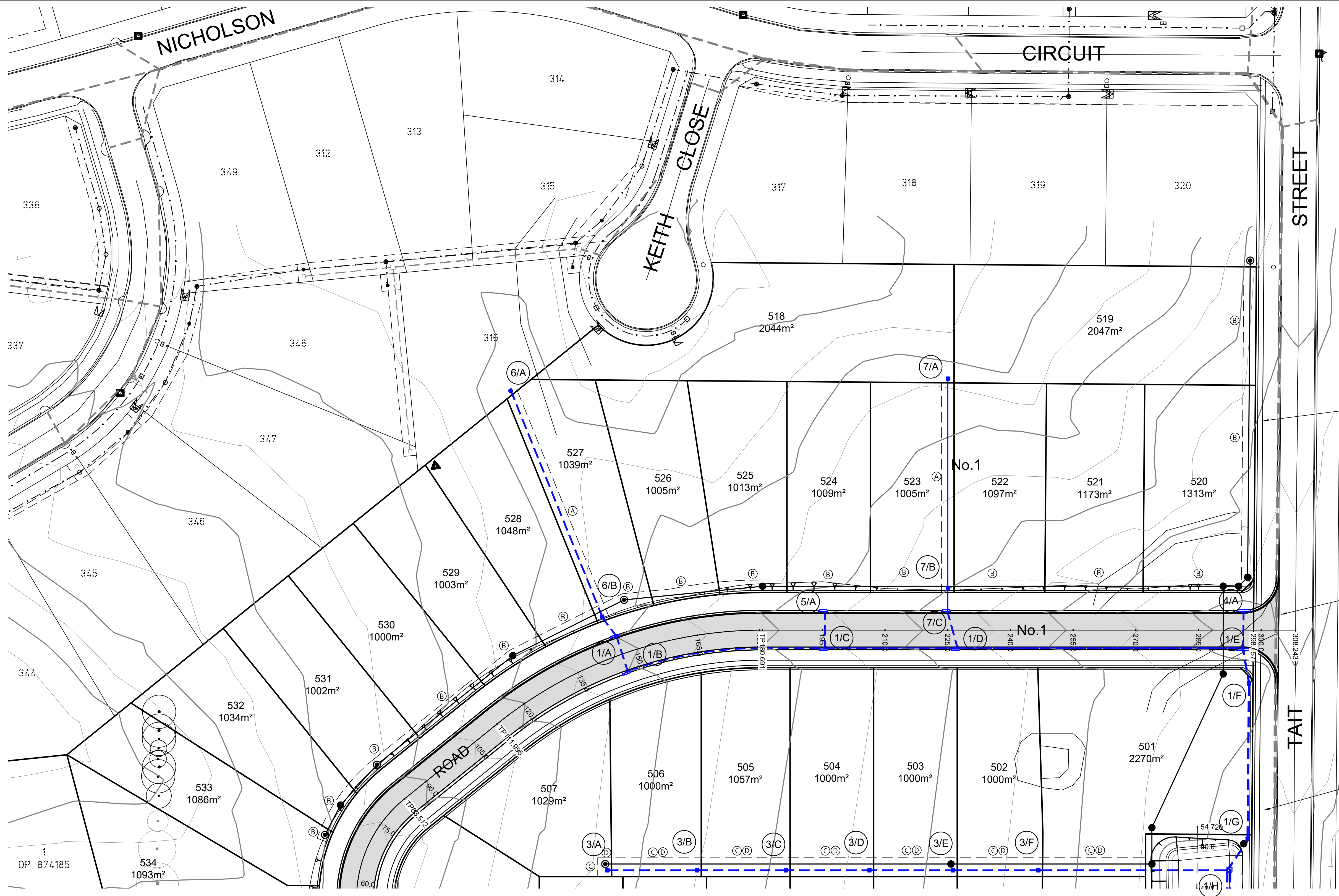
**NOTE:**  
LOT 501 TO BE DEDICATED TO COUNCIL AS PUBLIC RESERVE.  
LOT 517 TO BE DEDICATED TO COUNCIL AS DRAINAGE RESERVE.



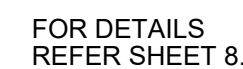
- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)
- (E) RESTRICTION AS TO USER (RFS) (PROPOSED)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                        |                |                    |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A        | Initial Issue         | 18/04/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                        | drawn: J.C.    | Job Drawing Number |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B        | Council Amendments    | 26/08/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                        | checked: R.A.  | 2124               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C        | RFS Restriction Added | 21/10/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                        | datum: A.H.D.  | CE05               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                 |                                                                                                                                        |                | date: 18/04/24     | sheet 2    |



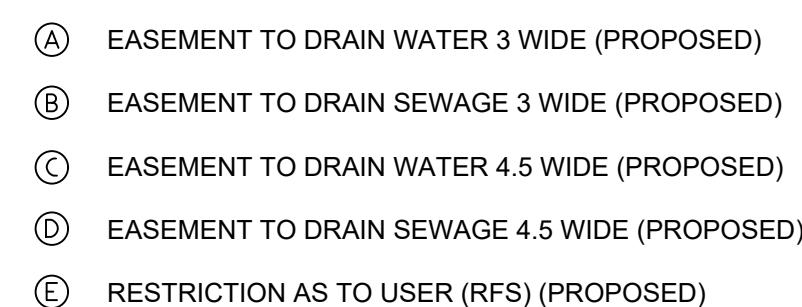


## LEGEND



1. FOR LEGEND AND GENERAL NOTES REFER TO SHEET 1.
2. FOR TYPICAL ROAD CROSS SECTIONS REFER TO SHEET 8.
3. THESE DRAWINGS ARE SOLELY FOR SUBDIVISION CIVIL CONSTRUCTION PURPOSES ONLY AND SHALL NOT BE USED FOR THE DESIGN OF INDIVIDUAL DWELLINGS OR BUILDINGS ON ANY OF THE LOTS SHOWN HEREON.
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5. THESE PLANS ARE TO BE READ AT A1 SIZE.
6. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE SAFETY IN DESIGN REPORT PREPARED BY CDS.
7. SURVEY PROVIDED BY L. ANTONIEM

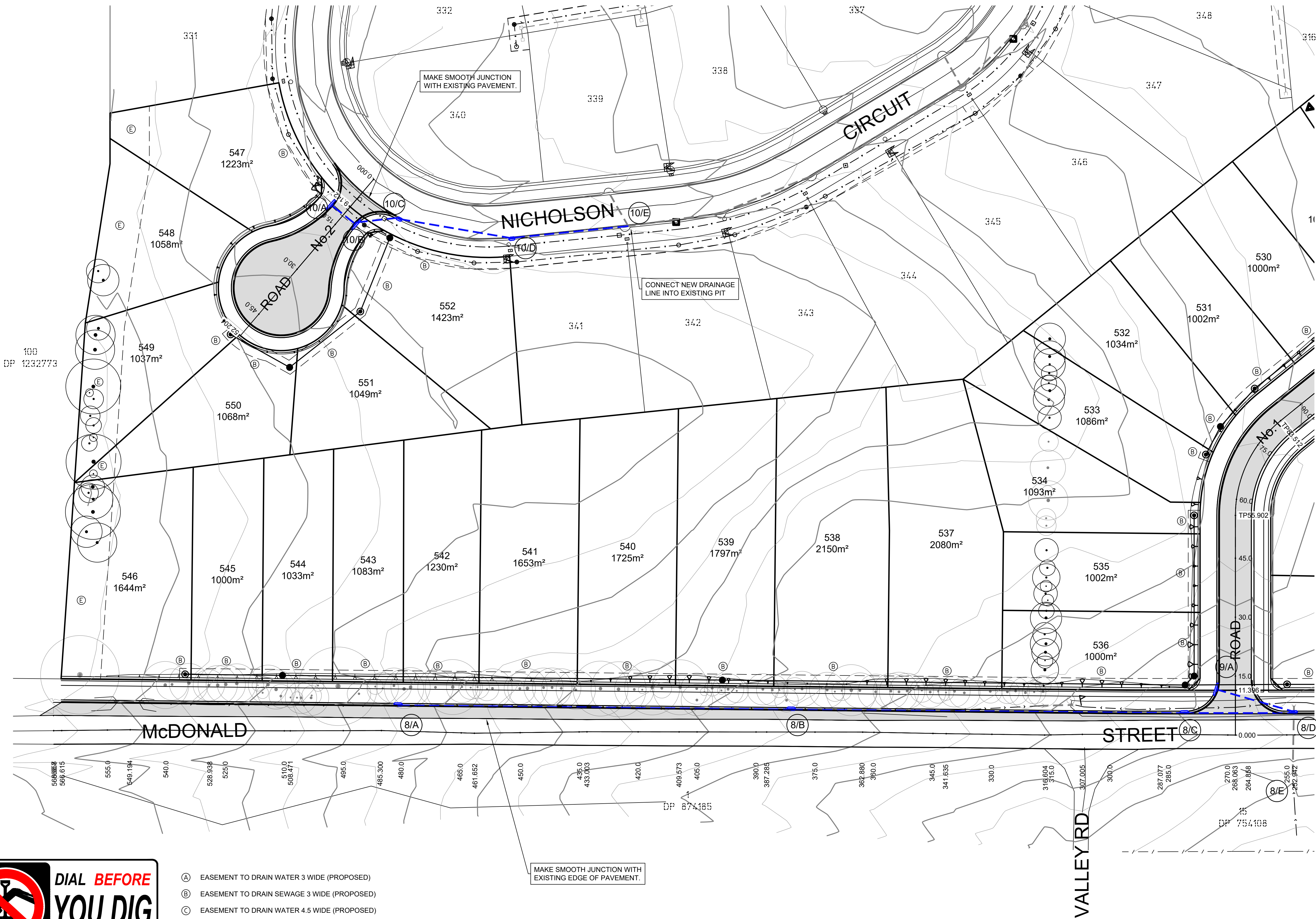
VERGE AREA TO BE REGRADED TO 4%  
FALL TO EXISTING KERB.



LOT 501 TO BE DEDICATED TO COUNCIL AS PUBLIC RESERVE.  
LOT 517 TO BE DEDICATED TO COUNCIL AS DRAINAGE RESERVE.

X:\JOBS\2124TAITSTCROOKWELL\CAD\2124 CE05.dwg





LEGEND

- PAVEMENT
- CONCRETE PAVING
- TREE TO BE REMOVED
- EXISTING TREE

FOR DETAILS REFER SHEET 8.

NOTES

- FOR LEGEND AND GENERAL NOTES REFER TO SHEET 1.
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- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)
- (E) RESTRICTION AS TO USER (RFS) (PROPOSED)

MAKE SMOOTH JUNCTION WITH EXISTING EDGE OF PAVEMENT.

UTILITY SERVICES NOTE  
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| revision | revision details      | date     | drawn |
|----------|-----------------------|----------|-------|
| A        | Initial Issue         | 18/04/24 | JC    |
| B        | Council Amendments    | 26/08/24 | JC    |
| C        | RFS Restriction Added | 21/10/24 | JC    |
|          |                       |          |       |
|          |                       |          |       |
|          |                       |          |       |
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|          |                       |          |       |



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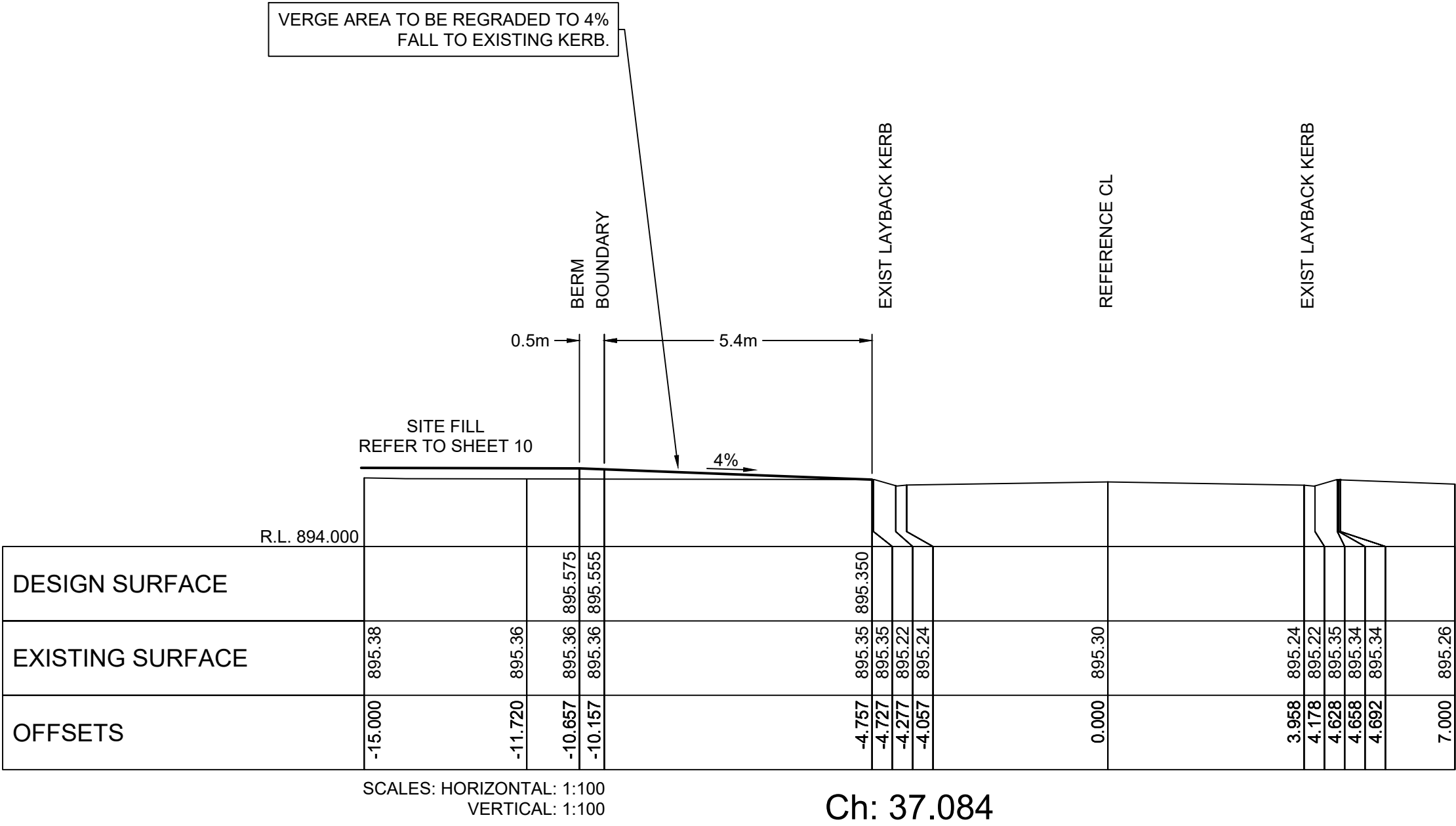
WINGECARRIBEE SHIRE COUNCIL DA: ----  
LOT 350, DP 1301003  
TAIT STREET,  
CROOKWELL  
client: DARJEELING PASTORAL

CONCEPT GENERAL  
ARRANGEMENT PLAN 3

0 10 20 30 40 50 METRES  
SCALE: 1:500

|                |                    |            |
|----------------|--------------------|------------|
| designed: J.C. | A1 sheet           | revision C |
| drawn: J.C.    | Job Drawing Number |            |
| checked: R.A.  | 2124               |            |
| datum: A.H.D.  | CE05               |            |
| date: 18/04/24 | sheet 4            | sheets 15  |





Ch: 37.084

TYPICAL CROSS SECTION  
OF TAIT STREET

UTILITY SERVICES NOTE

No utility service investigations have been undertaken for this project. The presence, exact location, nature and size of utility services must be confirmed by field inspection, prior to the commencement of any excavations, earthworks or roadworks. The contractor is to obtain the relevant utility plans from Dial Before You Dig Ph:1100, all recommendations made by the service authority are to be followed. Caution to be exercised whilst working in the vicinity of all services.

| revision | revision details      | date     | drawn |
|----------|-----------------------|----------|-------|
| A        | Initial Issue         | 18/04/24 | JC    |
| B        | Council Amendments    | 26/08/24 | JC    |
| C        | RFS Restriction Added | 21/10/24 | JC    |
|          |                       |          |       |
|          |                       |          |       |
|          |                       |          |       |
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|          |                       |          |       |

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WINGECARRIBEE SHIRE COUNCIL DA: ----  
LOT 350, DP 1301003  
TAIT STREET,  
CROOKWELL

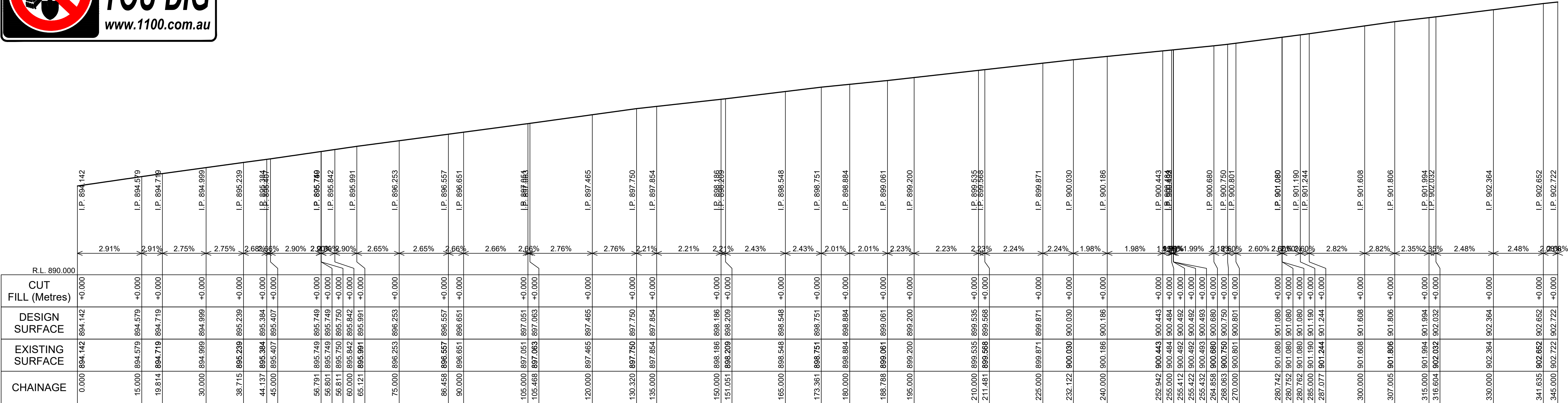
client: DARJEELING PASTORAL

DETAILS OF  
TAIT STREET

SCALE: 1:100

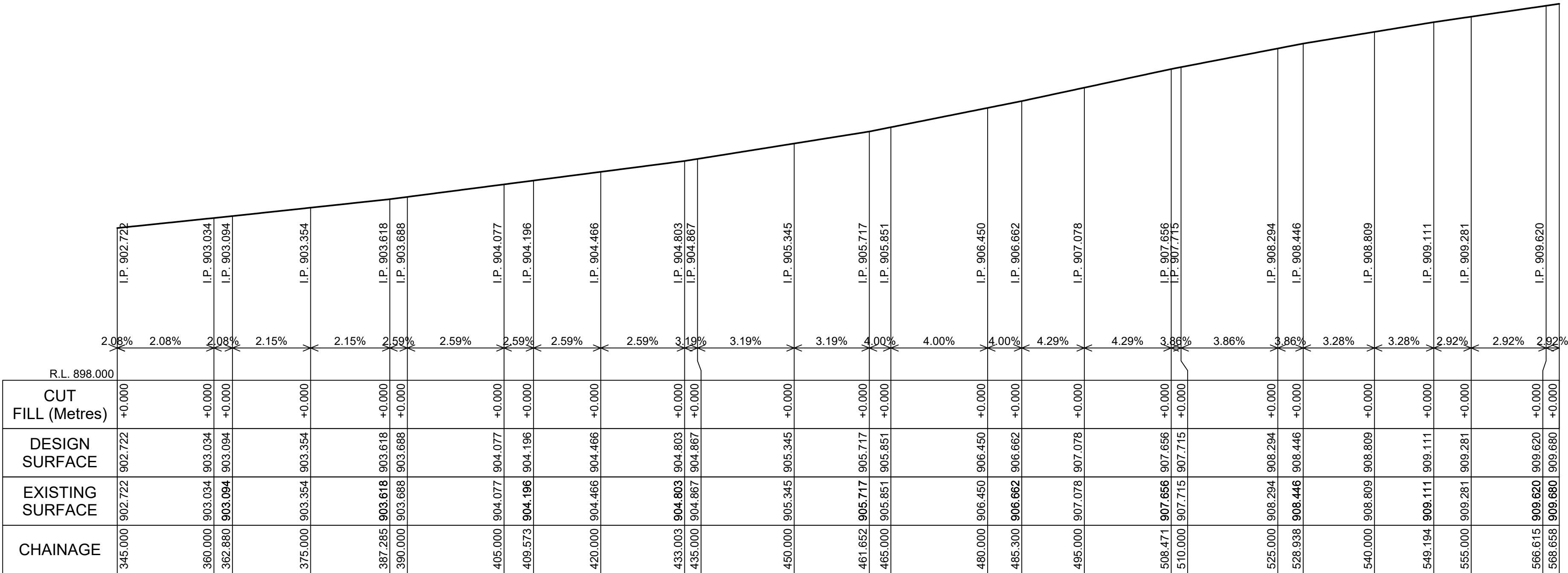
|                |                    |            |
|----------------|--------------------|------------|
| designed: J.C. | A1 sheet           | revision C |
| drawn: J.C.    | Job Drawing Number |            |
| checked: R.A.  | 2124               |            |
| datum: A.H.D.  | CE05               |            |
| date: 18/04/24 | sheet 5            | sheets 15  |





SCALES: HORIZONTAL: 1:500  
VERTICAL: 1:100

LONGSECTION OF McDONALD STREET



SCALES: HORIZONTAL: 1:500  
VERTICAL: 1:100

LONGSECTION OF McDONALD STREET

UTILITY SERVICES NOTE

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|          |                       |          |       |
|----------|-----------------------|----------|-------|
| revision | revision details      | date     | drawn |
| A        | Initial Issue         | 18/04/24 | JC    |
| B        | Council Amendments    | 28/08/24 | JC    |
| C        | RFS Restriction Added | 21/10/24 | JC    |
|          |                       |          |       |
|          |                       |          |       |
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CDS

Civil Development Solutions

Civil Development Solutions

ABN 74 160 361 446

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BOWRAL NSW 2576

P: 4862-1277  
E: admin@cdsolutions.com.au  
www.cdsolutions.com.au

WINGECARRIBEE SHIRE COUNCIL DA: ----  
LOT 350, DP 1301003  
TAIT STREET,  
CROOKWELL

client:  
DARJEELING PASTORAL

LONGSECTION OF  
McDONALD STREET

01020304050

METRES

SCALE: 1:500

01234510

METRES

SCALE: 1:100

designed: J.C.

drawn: J.C.

checked: R.A.

datum: A.H.D.

date: 18/04/24

A1 sheet

revision C

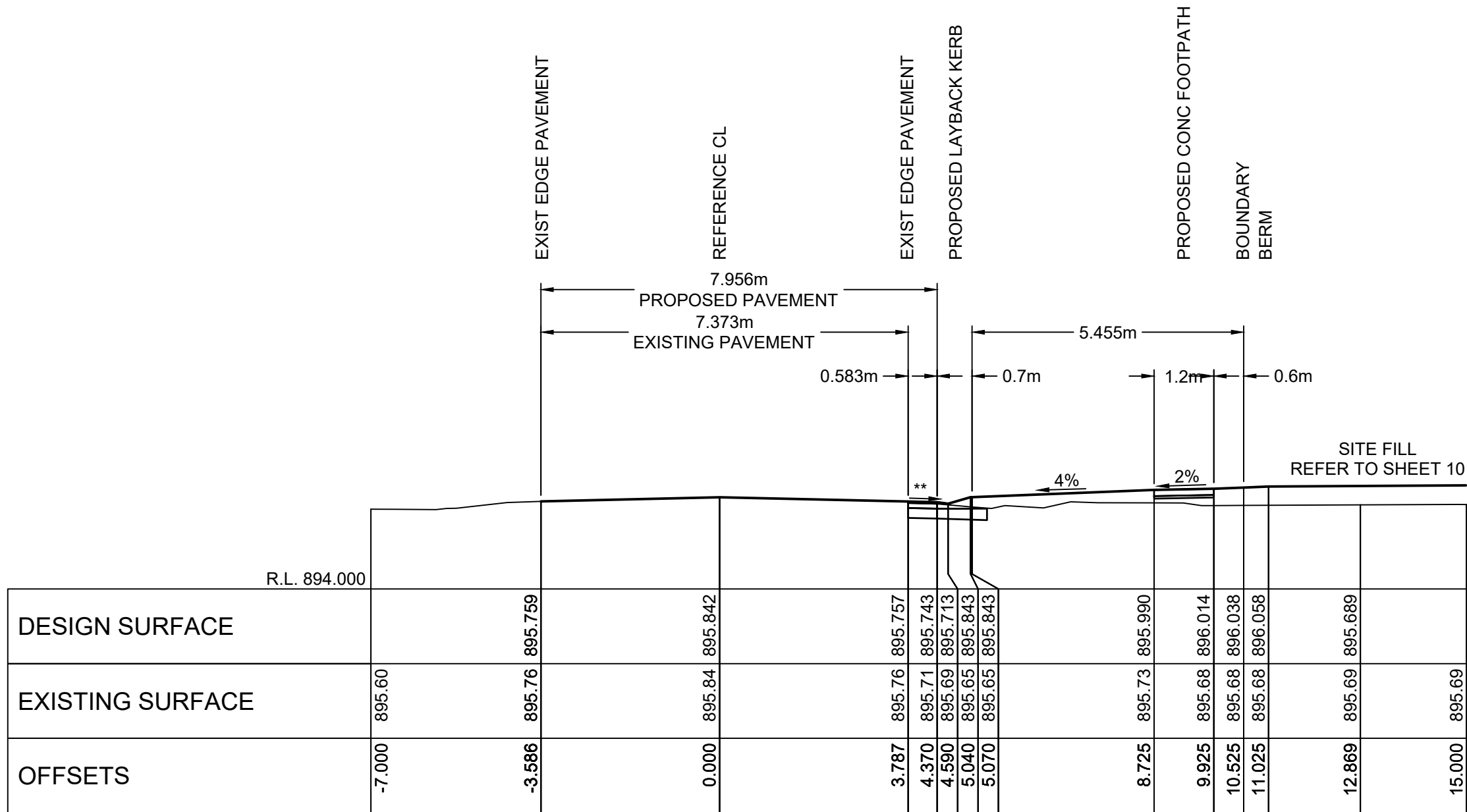
Job Drawing Number

2124  
CE05

sheet 6

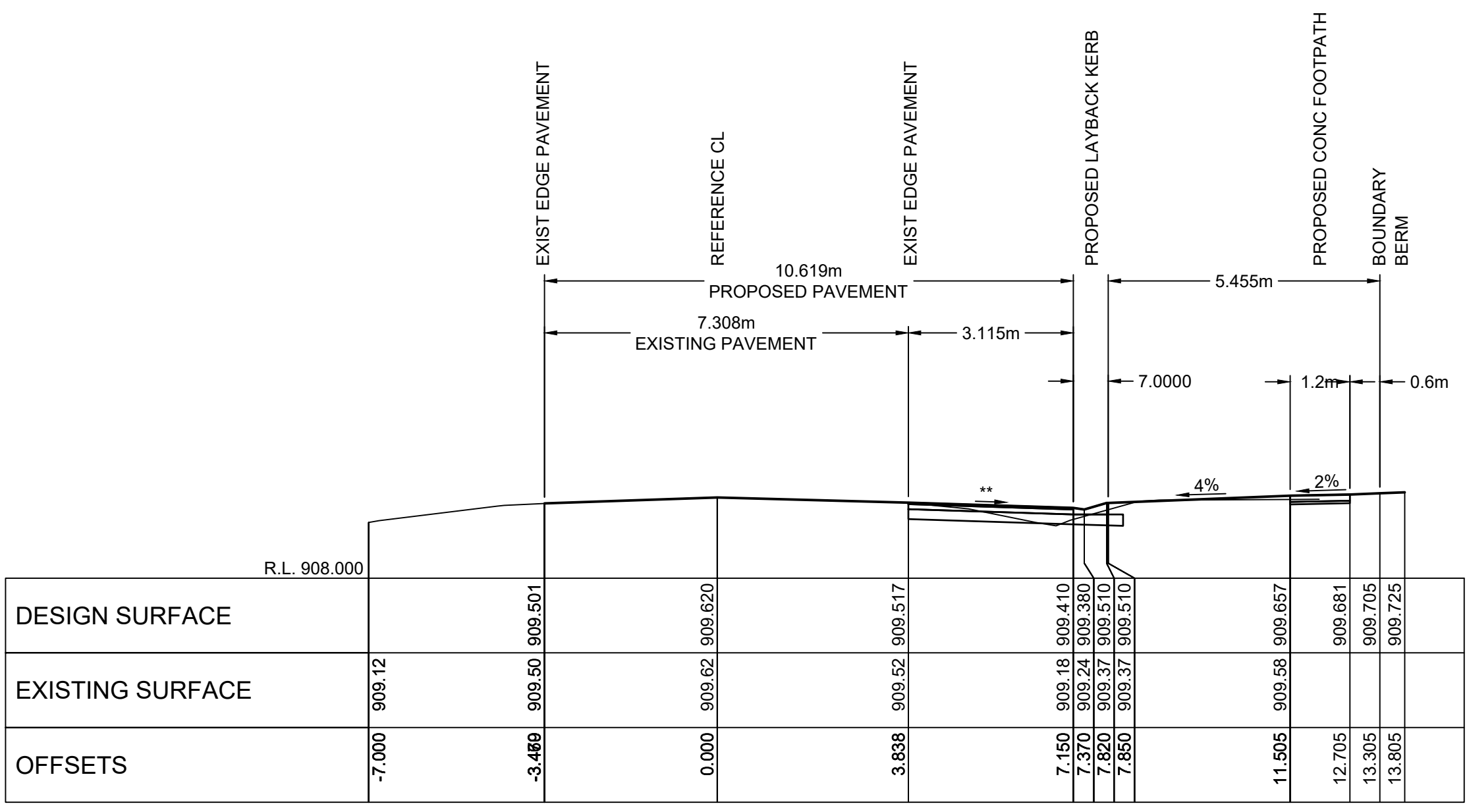
sheets 15





TYPICAL CROSS SECTION  
OF McDONALD STREET  
Ch:60.00

\*\* CROSS FALL TO MATCH EXISTING PAVEMENT CROSS FALL.

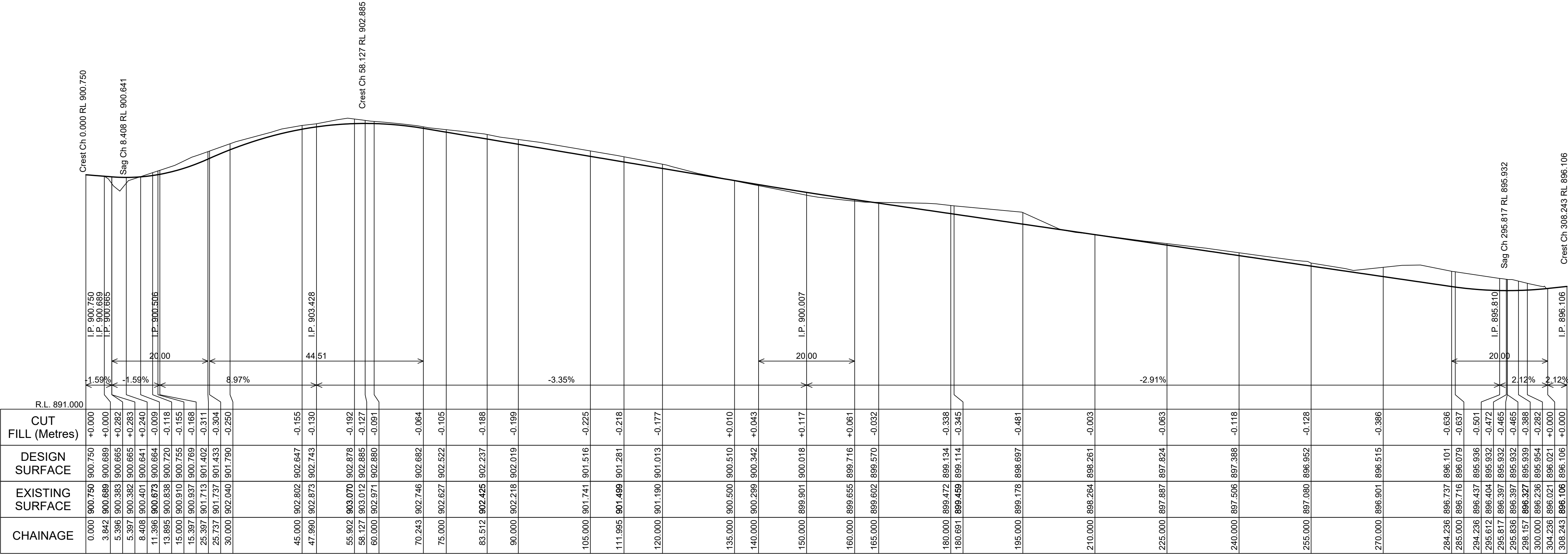


TYPICAL CROSS SECTION  
OF McDONALD STREET  
Ch:566.615

\*\* CROSS FALL TO MATCH EXISTING PAVEMENT CROSS FALL.

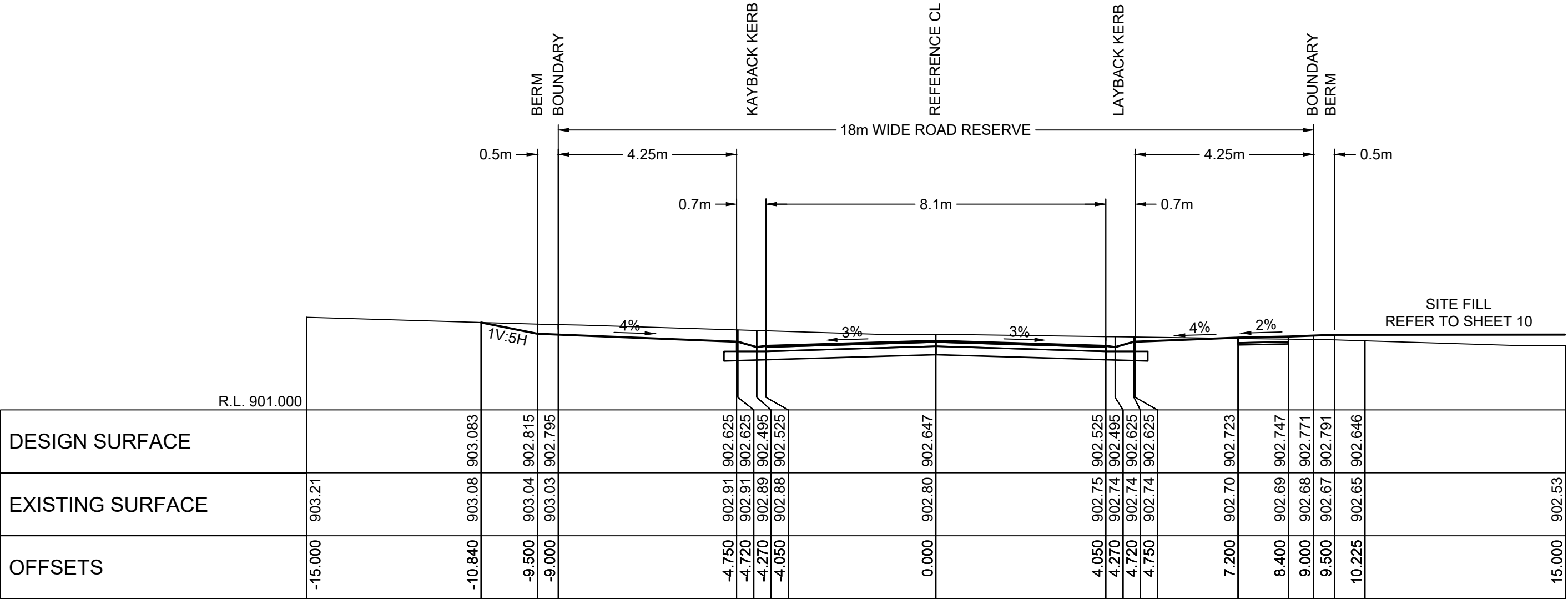
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  |                |                                                  |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|----------------|--------------------------------------------------|------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A        | Initial Issue         | 18/04/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  | drawn: J.C.    | Job Drawing Number<br><b>2124</b><br><b>CE05</b> |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B        | Council Amendments    | 28/08/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  | checked: R.A.  |                                                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | C        | RFS Restriction Added | 21/10/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  | datum: A.H.D.  |                                                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  | date: 18/04/24 | sheet 7                                          | sheets 15  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                         |                               |  |                |                                                  |            |





SCALES: HORIZONTAL: 1:500  
VERTICAL: 1:100

LONGSECTION OF ROAD No.1

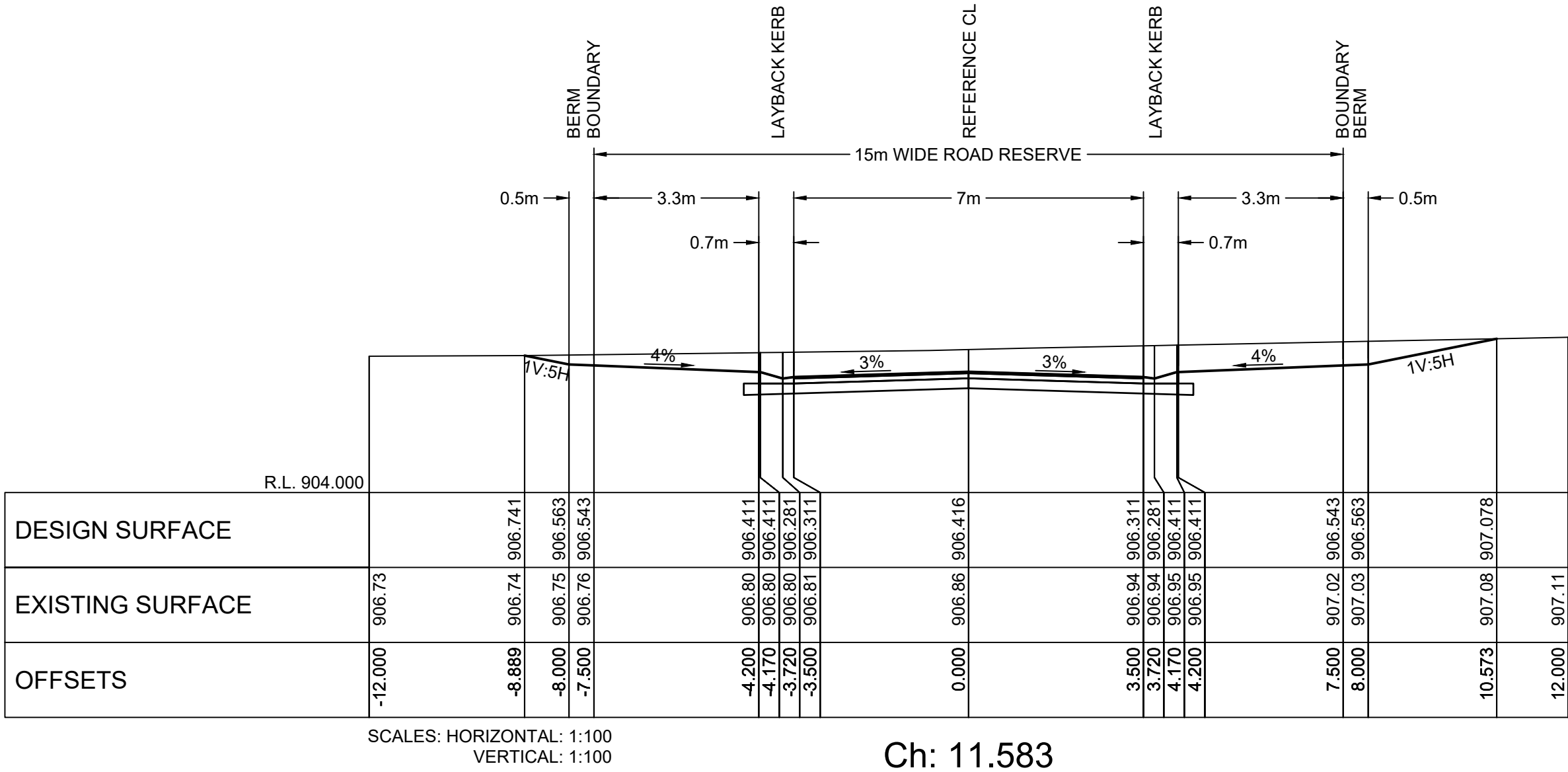
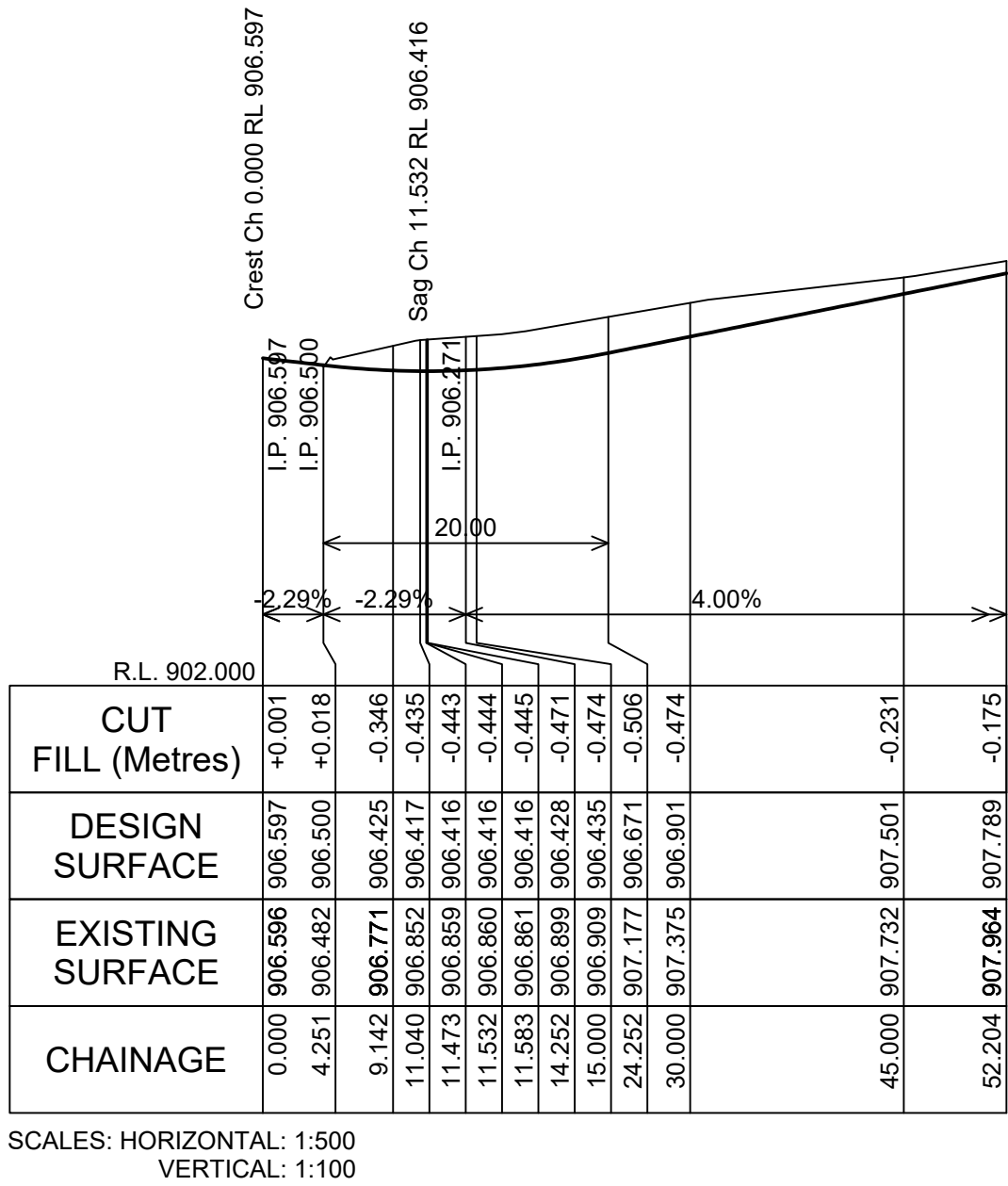


SCALES: HORIZONTAL: 1:100  
VERTICAL: 1:100

TYPICAL CROSS SECTION  
OF ROAD No.1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                       |                |                                                                 |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------|------------|
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A        | Initial Issue         | 18/04/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                       | drawn: J.C.    | Job Drawing Number<br><b>2124<br/>CE05</b><br>sheet 8 sheets 15 |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | B        | Council Amendments    | 28/08/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                       | checked: R.A.  |                                                                 |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | C        | RFS Restriction Added | 21/10/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                       | datum: A.H.D.  |                                                                 |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                                         |                                                                                       | date: 18/04/24 |                                                                 |            |





**UTILITY SERVICES NOTE**  
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| revision | revision details      | date     | drawn |
|----------|-----------------------|----------|-------|
| A        | Initial Issue         | 18/04/24 | JC    |
| B        | Council Amendments    | 28/08/24 | JC    |
| C        | RFS Restriction Added | 21/10/24 | JC    |
|          |                       |          |       |
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WINGECARRIBEE SHIRE COUNCIL DA: ----  
LOT 350, DP 1301003  
TAIT STREET,  
CROOKWELL  
client: DARJEELING PASTORAL

LONGSECTION & DETAILS OF ROAD No.2

01020304050METRES

SCALE: 1:500

01234510METRES

SCALE: 1:100

designed: J.C.

drawn: J.C.

checked: R.A.

datum: A.H.D.

date: 18/04/24

A1 sheet

revision C

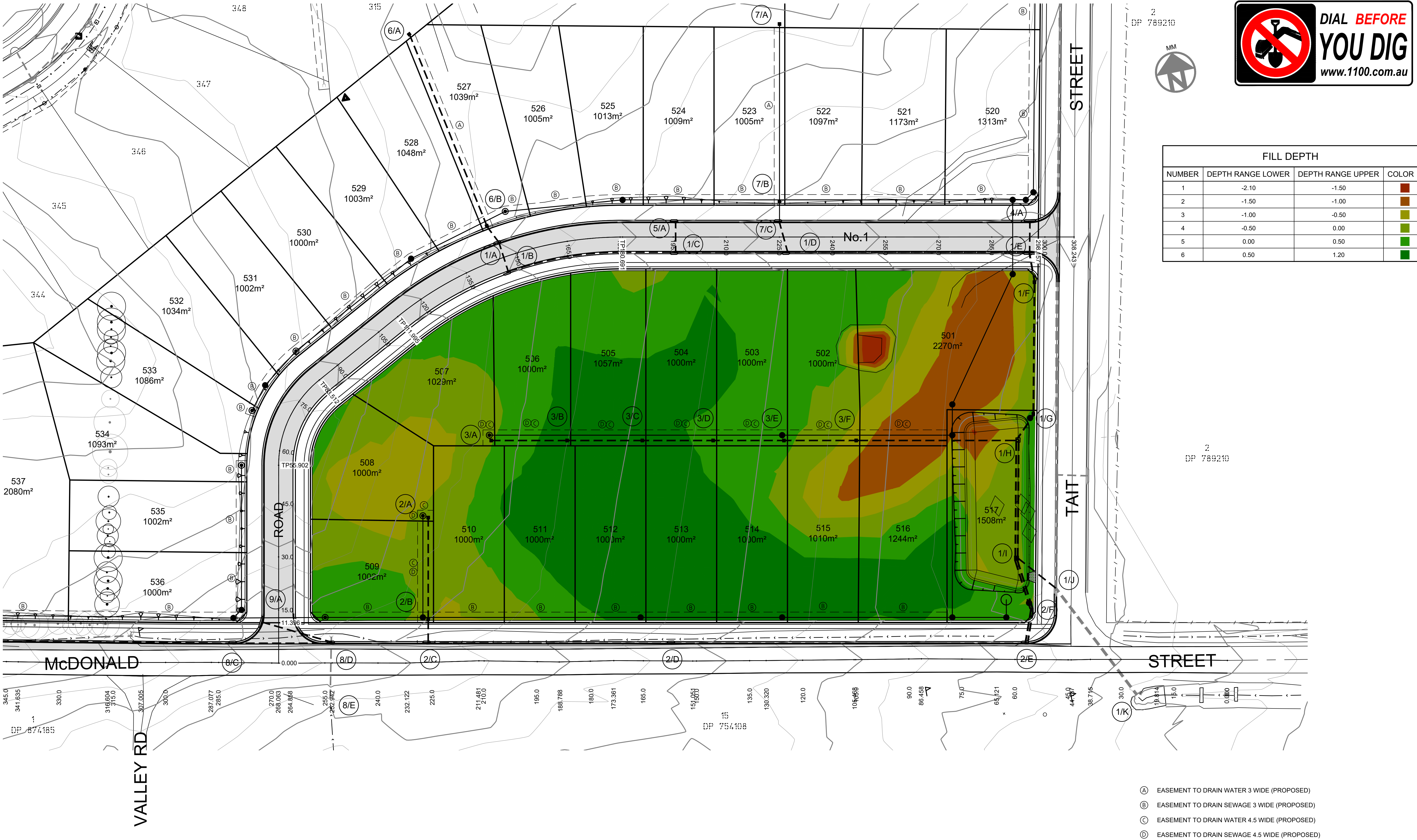
Job Drawing Number

2124 CE05

sheet 9

sheets 15

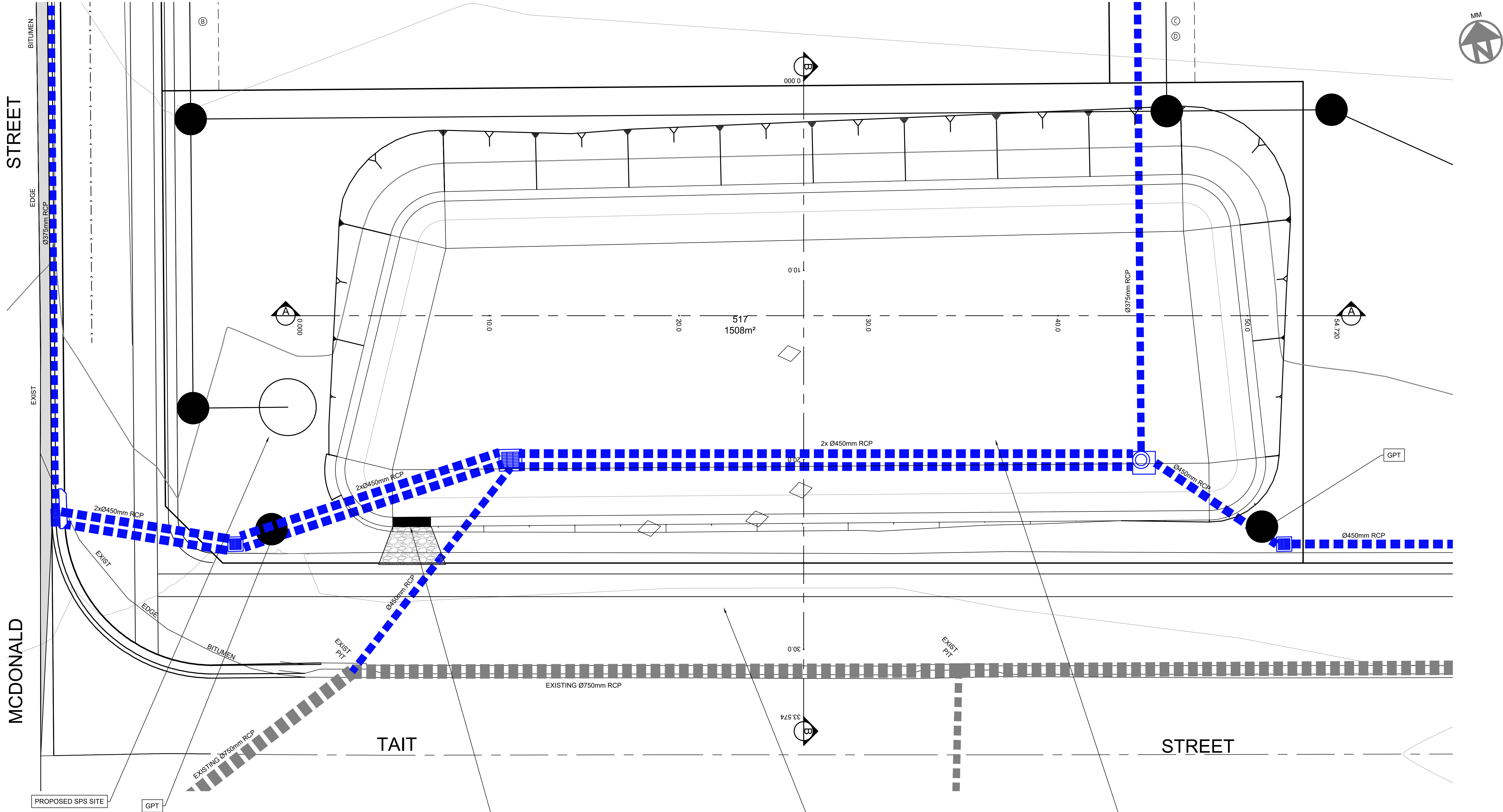




- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |                                                                                                                                                                                               |                |                    |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|------------|
| <div>UTILITY SERVICES NOTE</div> <div>No utility service investigations have been undertaken for this project. The presence, exact location, nature and size of utility services must be confirmed by field inspection, prior to the commencement of any excavations, earthworks or roadworks. The contractor is to obtain the relevant utility plans from Dial Before You Dig Ph:1100, all recommendations made by the service authority are to be followed. Caution to be exercised whilst working in the vicinity of all services.</div> | revision | revision details      | date     | drawn | <div>Civil Development Solutions</div> <div>ABN 74 160 361 446</div> <div>Civil Engineering, Development and Project Consultants</div> <div>Unit 9, 44-48 Bowral Street,<br/>BOWRAL NSW 2576</div> <div>P: 4862-1277</div> <div>E: admin@cdsolutions.com.au</div> <div>www.cdsolutions.com.au</div> | <div>WINGECARRIBEE SHIRE COUNCIL DA: ----</div> <div>LOT 350, DP 1301003</div> <div>TAIT STREET,<br/>CROOKWELL</div> <div>client:</div> <div>DARJEELING PASTORAL</div> | <div>CONCEPT EARTHWORKS<br/>PLAN</div> <div><div><div><div>0</div><div>10</div><div>20</div><div>30</div><div>40</div><div>50</div></div><div>METRES</div></div><div>SCALE: 1:500</div></div> | designed: J.C. | A1 sheet           | revision C |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A        | Initial Issue         | 18/04/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |                                                                                                                                                                                               | drawn: J.C.    | Job Drawing Number |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B        | Council Amendments    | 26/08/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |                                                                                                                                                                                               | checked: R.A.  | 2124               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C        | RFS Restriction Added | 21/10/24 | JC    |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |                                                                                                                                                                                               | datum: A.H.D.  | CE05               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                        |                                                                                                                                                                                               | date: 18/04/24 | sheet 10           | sheets 15  |





- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)

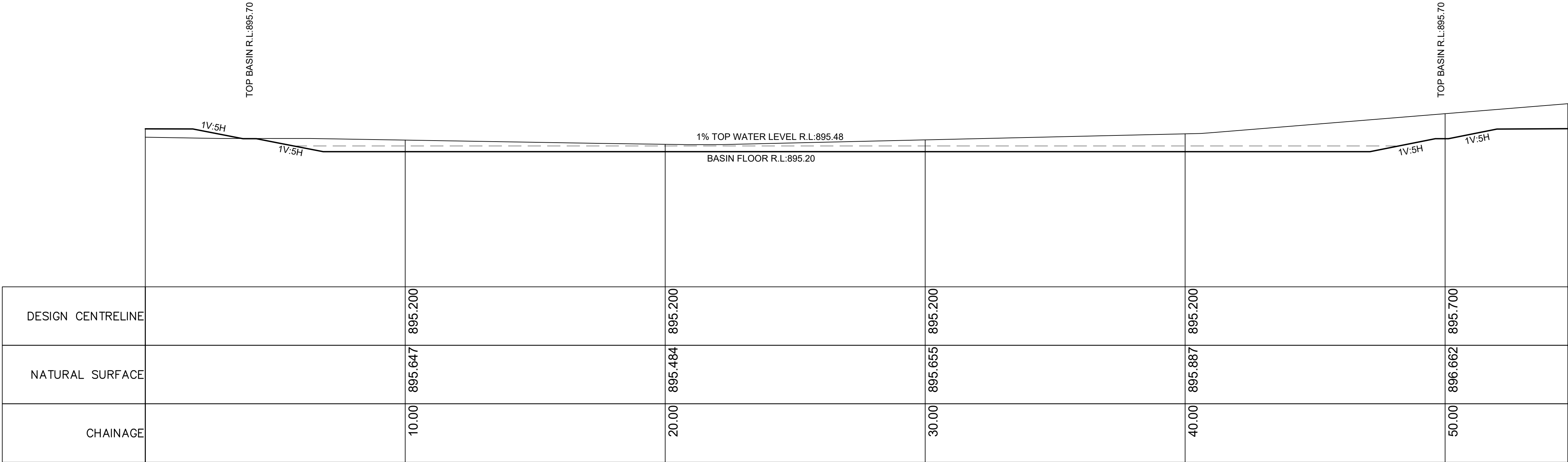
OVERFLOW WEIR 2m LONG  
AT R.L. 895.60  
WITH RIP RAP PROTECTION.

VERGE AREA TO BE REGRADED TO 4%  
FALL TO EXISTING KERB.

PROPOSES STORMWATER BASIN  
REFER TO SECTIONS ON SHEET 12.

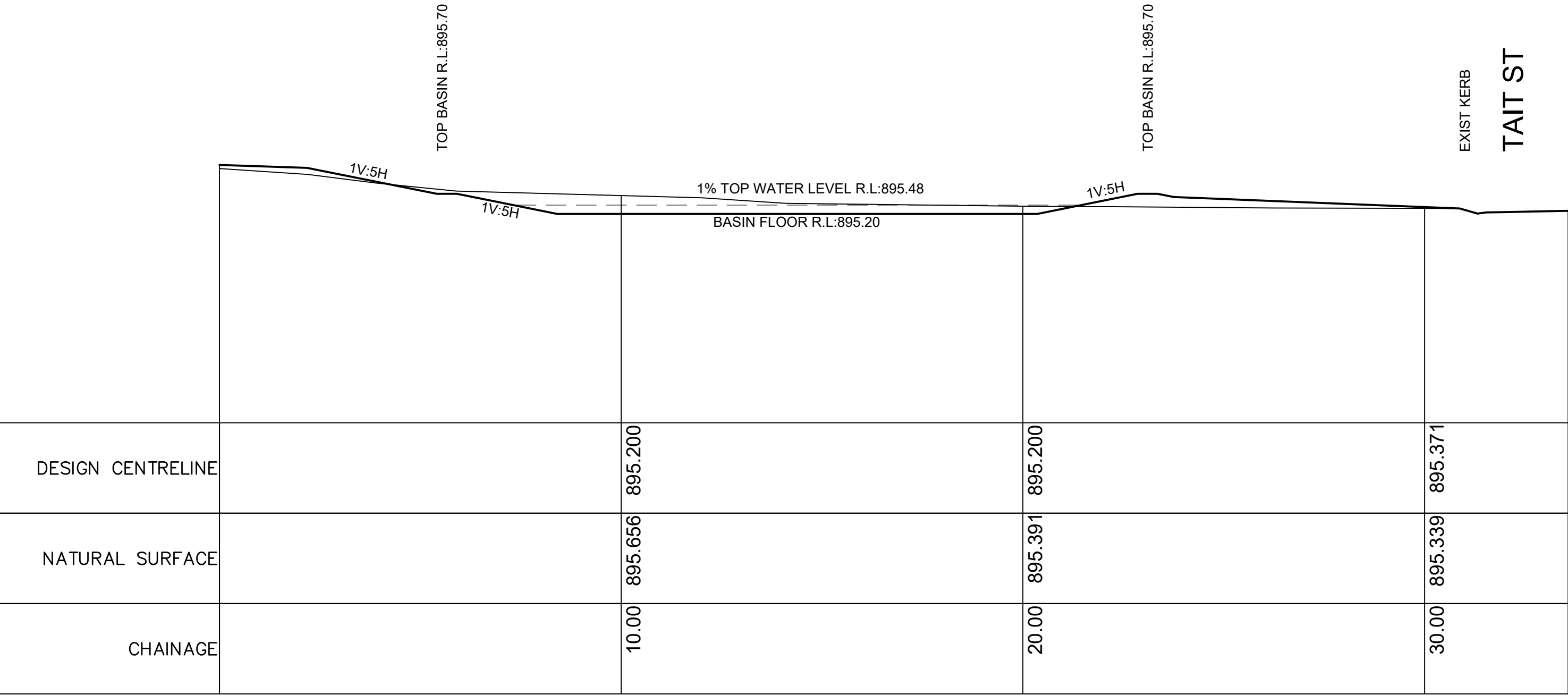
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                         |                |                    |            |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A        | Initial Issue         | 18/04/24 | JC    |                                                       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                         | drawn: J.C.    | Job Drawing Number |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B        | Council Amendments    | 26/08/24 | JC    |                                                       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                         | checked: R.A.  | 2124               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C        | RFS Restriction Added | 21/10/24 | JC    |                                                       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                         | datum: A.H.D.  | CE05               |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                       |                                                                                                                                                                                                                                                                                                     |                                                                                                                                                             |                                                                                                                         | date: 18/04/24 | sheet 11           | sheets 15  |





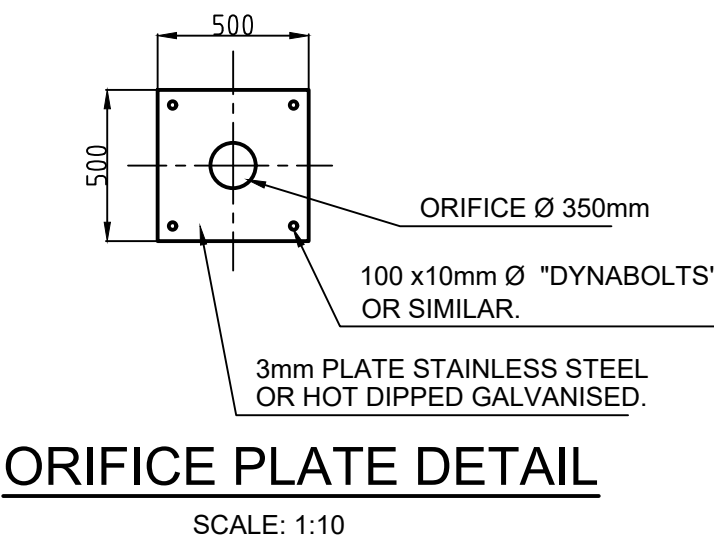
SCALES: HORIZONTAL: 1:100  
VERTICAL: 1:100

BASIN SECTION A-A



SCALES: HORIZONTAL: 1:100  
VERTICAL: 1:100

BASIN SECTION B-B

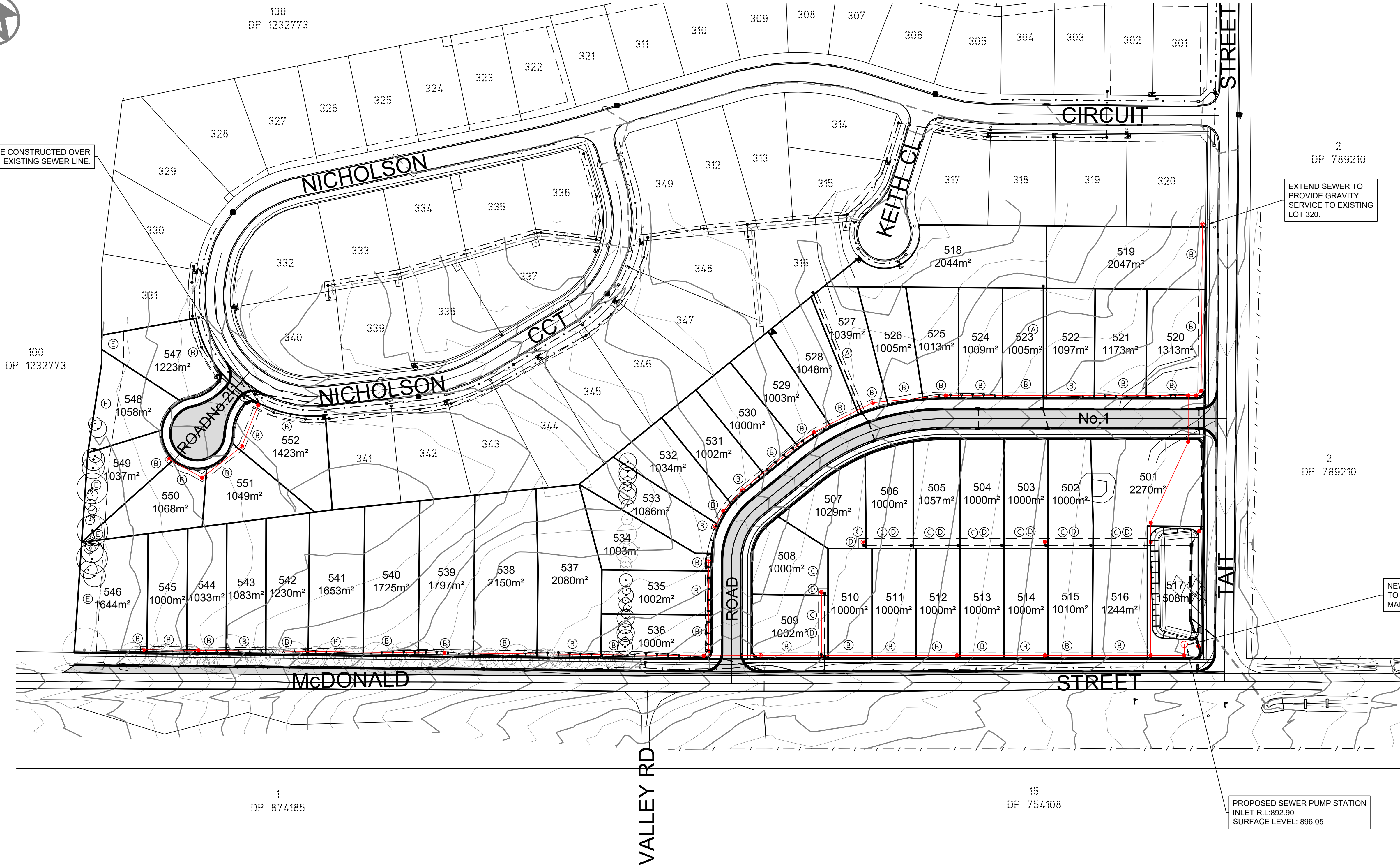


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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------------------------------|----------------|--------------------------------------------------|------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | A        | Initial Issue         | 18/04/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                               |                                       |                                                                        | drawn: J.C.    | Job Drawing Number<br><b>2124</b><br><b>CE05</b> |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B        | Council Amendments    | 26/08/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                               |                                       |                                                                        | checked: R.A.  |                                                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | C        | RFS Restriction Added | 21/10/24 | JC    |  |                                                                                                                                                                                                                                                |                                                                                                               |                                       |                                                                        | datum: A.H.D.  |                                                  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                               |                                       |                                                                        | date: 18/04/24 | sheet 12                                         | sheets 15  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                       |          |       |  |                                                                                                                                                                                                                                                |                                                                                                               |                                       |                                                                        |                |                                                  |            |



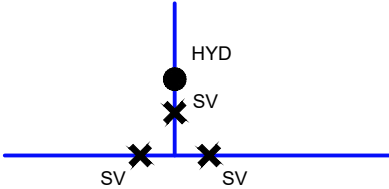


MH TO BE CONSTRUCTED OVER EXISTING SEWER LINE.



LEGEND

S ——— EXISTING SEWER PIPE  
W ——— EXISTING WATERMAIN PIPE



TYPICAL WATERMAIN JUNCTION DIAGRAM  
N.T.S.

- PROPOSED 150 Ø UPVC RRJ SEWER PIPE
- JUNCTION, MANHOLE, MAINTENANCE SHAFT / TERMINAL MATINENCE SHAFT
- PROPOSED 100 Ø MPVC CLASS 16 WATERMAIN PIPE
- HYD SV ——— HYDRANT, STOP VALVE
- WSC ——— WATER SUPPLY CONNECTION

NOTES

- FOR LEGEND AND GENERAL NOTES REFER TO SHEET 1.
- ALL FITTINGS TO BE CORROSION PROTECTED

EXTEND SEWER TO PROVIDE GRAVITY SERVICE TO EXISTING LOT 320.

NEW SEWER RISING MAIN TO CONNECT TO RECENTLY INSTALLED SEWER TRUNK MAIN NORTH OF MCCORMACK PLACE.

PROPOSED SEWER PUMP STATION  
INLET R.L.: 892.90  
SURFACE LEVEL: 896.05



- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)
- (B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)
- (C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)
- (D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)
- (E) RESTRICTION AS TO USER (RFS) (PROPOSED)

UTILITY SERVICES NOTE  
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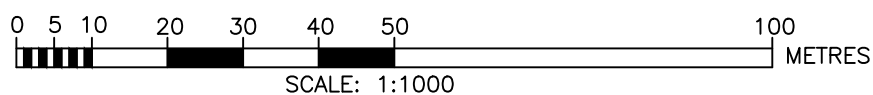
| revision | revision details      | date     | drawn |
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TAIT STREET,  
CROOKWELL  
client: DARJEELING PASTORAL

CONCEPT SEWER PLAN



|                |                    |            |
|----------------|--------------------|------------|
| designed: J.C. | A1 sheet           | revision C |
| drawn: J.C.    | Job Drawing Number |            |
| checked: R.A.  | 2124               |            |
| datum: A.H.D.  | CE05               |            |
| date: 18/04/24 | sheet 13           | sheets 15  |





PROVIDE FILTER FENCE DOWNSLOPE  
OF WORKS SITE, REFER TO DETAIL  
ON SHEET 15.

100  
DP 1232773

PROPOSED TOP SOIL AND MATERIALS  
STOCKPILE LOCATION, REFER TO DETAIL  
ON SHEET 15.

PROVIDE FILTER FENCE DOWNSLOPE  
OF WORKS SITE, REFER TO DETAIL  
ON SHEET 15.

STORMWATER BASIN TO ACT AS SEDIMENT  
BASIN DURING BULK EARTHWORKS PHASE  
OF CONSTRUCTION. REFER TO DETAIL AND  
NOTES ON SHEET 15.

PROPOSED TOP SOIL AND MATERIALS  
STOCKPILE LOCATION, REFER TO DETAIL  
ON SHEET 15.

PROVIDE FILTER FENCE DOWNSLOPE  
OF WORKS SITE, REFER TO DETAIL  
ON SHEET 15.

PROVIDE FILTER FENCE DOWNSLOPE  
OF WORKS SITE, REFER TO DETAIL  
ON SHEET 15.

PROVIDE STRAW BALE SILT TRAP  
AT OUTLET POINT, REFER TO DETAIL  
ON SHEET 15.

PROVIDE STABILISED SITE ACCESS POINT  
REFER TO DETAIL ON SHEET 15.



- (A) EASEMENT TO DRAIN WATER 3 WIDE (PROPOSED)  
(B) EASEMENT TO DRAIN SEWAGE 3 WIDE (PROPOSED)  
(C) EASEMENT TO DRAIN WATER 4.5 WIDE (PROPOSED)  
(D) EASEMENT TO DRAIN SEWAGE 4.5 WIDE (PROPOSED)  
(E) RESTRICTION AS TO USER (RFS) (PROPOSED)

**UTILITY SERVICES NOTE**  
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| A        | Initial Issue         | 18/04/24 | JC    |
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**LOT 350, DP 1301003**  
**TAIT STREET,**  
**CROOKWELL**  
client: **DARJEELING PASTORAL**

**CONCEPT SOIL & WATER  
MANAGEMENT PLAN 1**  
0 5 10 20 30 40 50 100  
METRES  
SCALE: 1:1000

|                |                    |            |
|----------------|--------------------|------------|
| designed: J.C. | A1 sheet           | revision C |
| drawn: J.C.    | Job Drawing Number |            |
| checked: R.A.  | 2124               |            |
| datum: A.H.D.  | CE05               |            |
| date: 18/04/24 | sheet 14           | sheets 15  |



EROSION CONTROL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING REVEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED IN ACCORDANCE WITH MANAGING URBAN STORMWATER SOILD AND CONSTRUCTION, VOLUME 1 (4th EDITION 2004), DURING THE CONSTRUCTION PHASE.
2. DISTURBANCE OF VEGETATION SHALL BE KEPT TO A MINIMUM BY STAGING THE DEVELOPMENT.
3. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS ARE COMPLETED.
4. TOPSOIL FROM ALL AREAS TO BE DISTURBED SHALL BE STOCKPILED AND LATER RESPREAD TO AID REVEGETATION. TOPSOIL STOCKPILES ARE TO BE NO HIGHER THAN 1.5 METRES. THE TOP 50–75mm (CONTAINING THE BULK OF THE ORGANIC MATERIAL SHOULD BE STORED SEPARATELY FROM UNDERLYING SOIL & RESPREAD LAST. MINIMUM DEPTH 100–125mm. TOPSOIL IS NOT TO BE REMOVED FROM SITE WITHOUT COUNCIL'S CONCURRENCE. WHERE APPROPRIATE, INSTEAD OF STOCKPILING TOPSOIL IT CAN BE PUSHED UPSLOPE OF EXCAVATED AREAS SO AS TO FORM A BANK ABOVE DISTURBED AREAS. THESE BANKS SHOULD BE DIRECTED TO DISCHARGE WATER TO A STABLE POINT. ALL STOCKPILES & BANKS NEED TO BE SEEDED & FERTILISED WITH THE RECOMMENDED SEED MIX.

GRASS VARIETIES & QUANTITIES

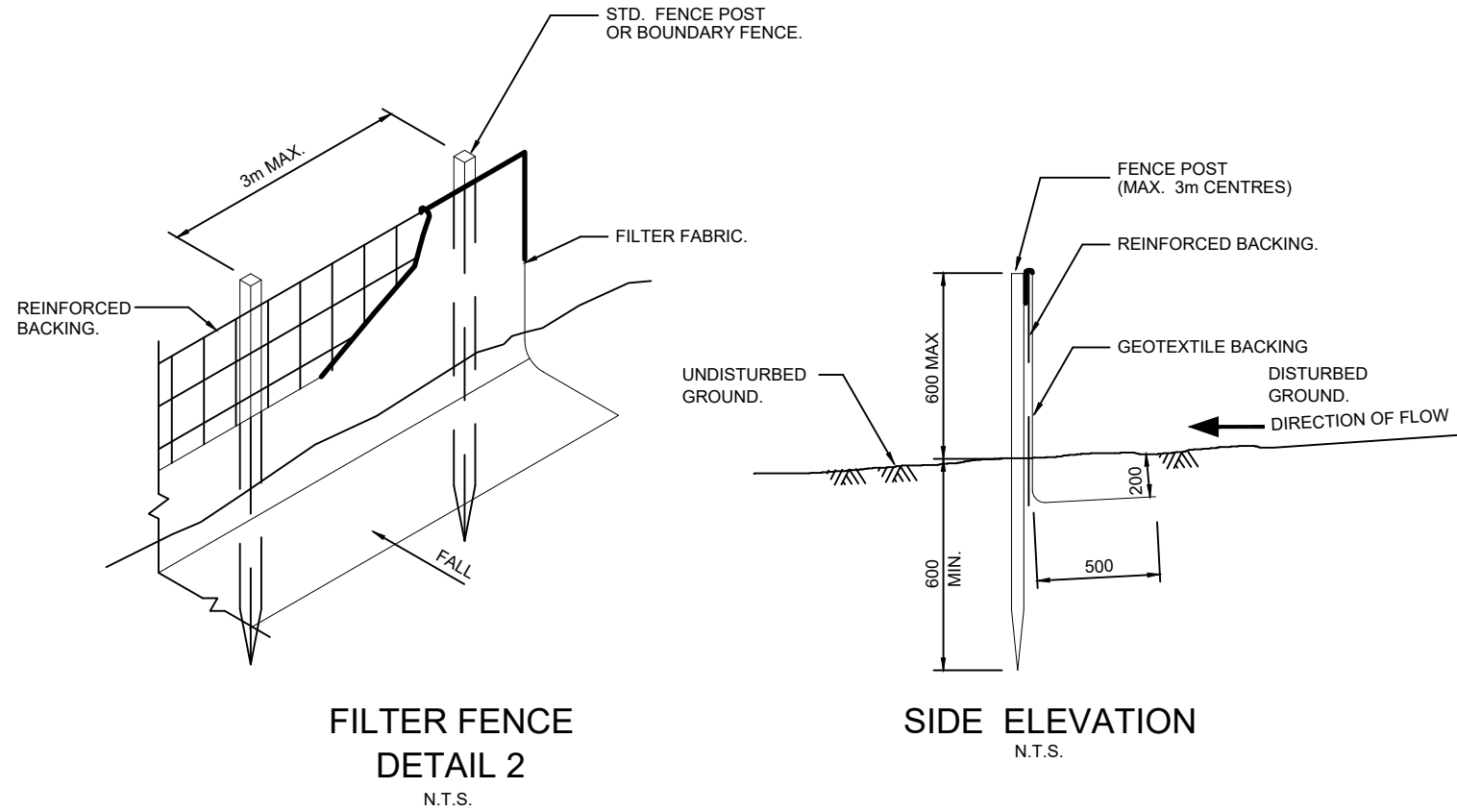
|                                                | kg/ha |
|------------------------------------------------|-------|
| Currie Cocksfoot                               | 4     |
| Victorian Ryegrass                             | 5     |
| Kangaroo Ryegrass                              | 5     |
| Karridale Sub Clover                           | 2     |
| Cajon Fescue                                   | 6     |
| White Clover                                   | 3     |
| Japanese Millet (if planted November to March) | 8–10  |
| Cereal Rye (if planted April to October)       | 10    |

Bitumen & Straw mulch or equivalent mulch should be applied on areas with a slope greater than 1V:3H. Straw should be applied at 5,000 kg/ha.

- \* Fertiliser      Grower 11, Starter 13 or 18, or equivalent  
\* Fertiliser not to be used along or in watercourses,

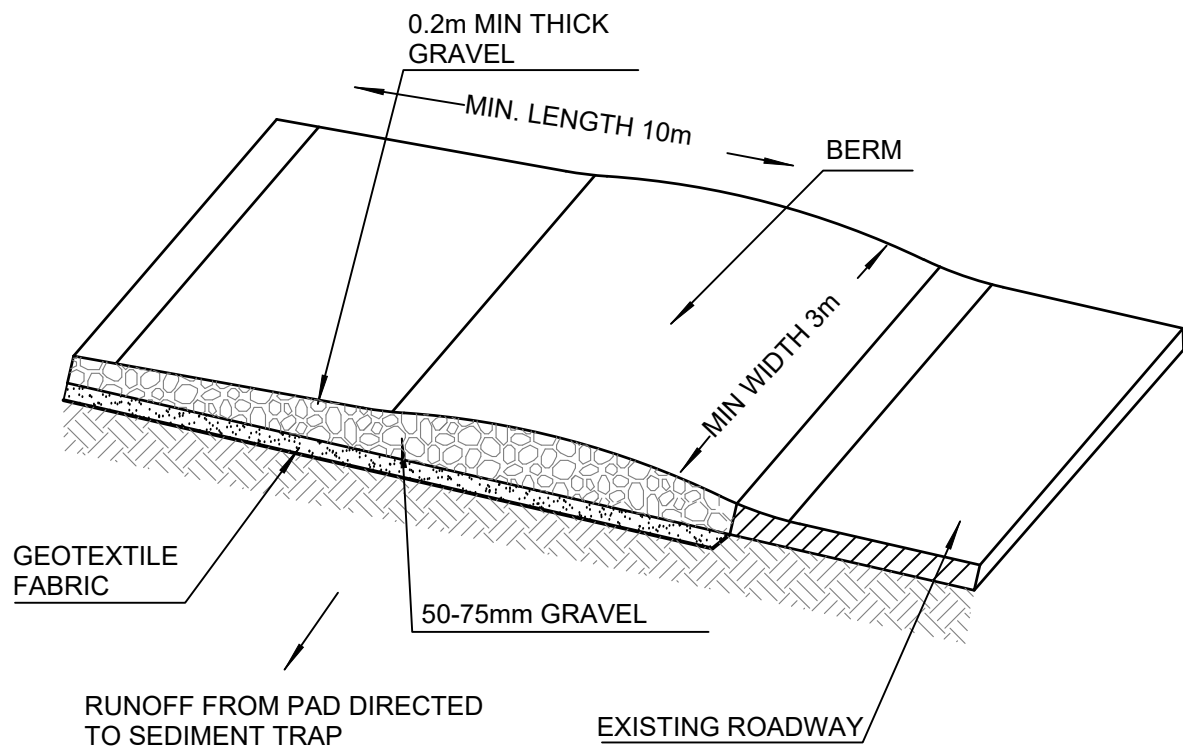
250–300kg/ha

5. TURF STRIPS TO BE PLACED BEHIND ALL NEWLY CONSTRUCTED KERB & GUTTER WITHIN 7 DAYS OF COMPLETION OF CONCRETING. MINIMUM WIDTH 0.9m. IN ADDITION, EXTENSIONS OF TURF AT AN ANGLE OF APPROX. 70° TO KERB AT INTERVALS OF 20M PERPENDICULAR TO THE KERB FOR A DISTANCE OF 2M ON STEEPER SECTIONS OF ROAD WHERE THERE IS A POTENTIAL FOR WATER TO CONCENTRATE ALONG THE END OF THE TURF. IF THERE IS INSUFFICIENT RAIN, SUPPLEMENTARY WATER SHOULD BE UNDERTAKEN.
6. ALL STRAW BALES TO BE BOUND WITH WIRE. STRAW BALES TO BE PLACED END TO END IN A SINGLE ROW AND EMBEDDED INTO THE SOIL TO A DEPTH OF 100mm. EACH BALE TO BE SECURELY ANCHORED WITH TWO STEEL STAKES DRIVEN 500 – 750mm INTO THE GROUND AND LOCATED ON THE BALE CENTRELINE. (REFER DETAIL 1)
7. FILTER FENCE TO BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR SIMILAR) BETWEEN POSTS AT 2.0m CENTRES. FABRIC TO BE BURIED 200mm ALONG IT'S LOWER EDGE. FILTER FENCE TO BE PLACED AS NEAR TO THE CONTOUR AS POSSIBLE. (REFER DETAIL 2)
8. WIREMESH & GRAVEL INLET FILTERS TO BE PROVIDED AT ALL KERB INLET PITS (REFER DETAIL 3)
9. THE CAPACITY & EFFECTIVENESS OF RUNOFF & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AT NO LESS THAN 70% CAPACITY AT ALL TIMES TO THE SATISFACTION OF W.S. COUNCIL.
10. ALL CONTROLS SHOULD BE INSPECTED AT THE END OF EACH DAY & PARTICULARLY BEFORE WEEKENDS &/OR WHEN THE SITE IS TO BE LEFT FOR EXTENDED PERIODS.
11. TO MINIMISE SOIL EROSION AND SEDIMENT MOVEMENT DURING CONSTRUCTION, THE FOLLOWING MEASURES SHALL BE IMPLEMENTED:
- (a) REMOVAL AND/OR DISTURBANCE OF VEGETATION SHALL BE CONFINED TO WITHIN TWO (2) METRES OF THE REQUIRED WORKS.
- (b) STOCKPILES OF CONSTRUCTION AND LANDSCAPING MATERIALS, AND OF SITE DEBRIS SHALL BE LOCATED CLEAR OF DRAINAGE LINES AND IN SUCH A POSITION THAT THEY ARE PROTECTED FROM EROSION AND DO NOT ENCROACH UPON ANY FOOTPATH, NATURE STRIP OR ROADWAY. VEHICULAR ACCESS SHALL BE CONTROLLED SO AS TO PREVENT TRACKING OF SEDIMENT ONTO ADJOINING ROADWAYS, PARTICULARLY DURING WET WEATHER OR WHEN THE SITE IS MUDDY. SEDIMENT DEPOSITED ON ADJOINING ROADWAYS SHALL BE REMOVED BY MEANS OTHER THAN WASHING. ALL MATERIAL SHALL BE REMOVED AS SOON AS POSSIBLE AND THE COLLECTED MATERIAL SHALL BE DISPOSED OF IN A MANNER WHICH WILL PREVENT ITS MOBILISATION.
12. ALL EROSION AND SEDIMENT CONTROL DEVICES ARE TO REMAIN IN POSITION AND BE MAINTAINED UNTIL ADVISED BY COUNCIL'S DEVELOPMENT ENGINEER THAT THEY MAY BE REMOVED OR UNTIL THE 12 MONTH MAINTENANCE PERIOD HAS LAPSED.

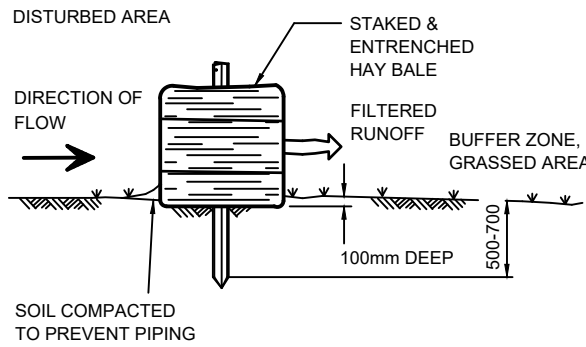


FILTER FENCE  
DETAIL 2  
N.T.S.

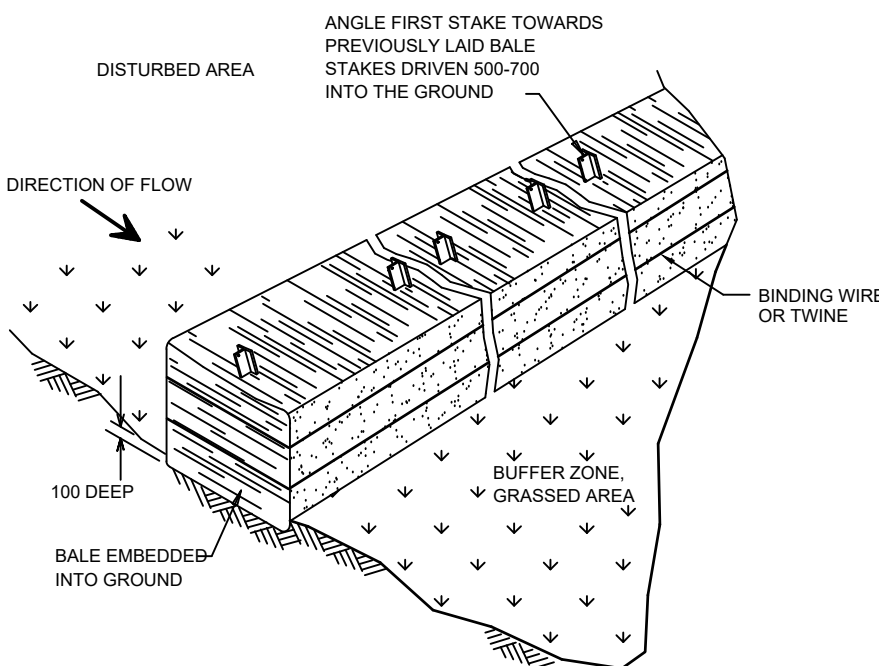
SIDE ELEVATION  
N.T.S.



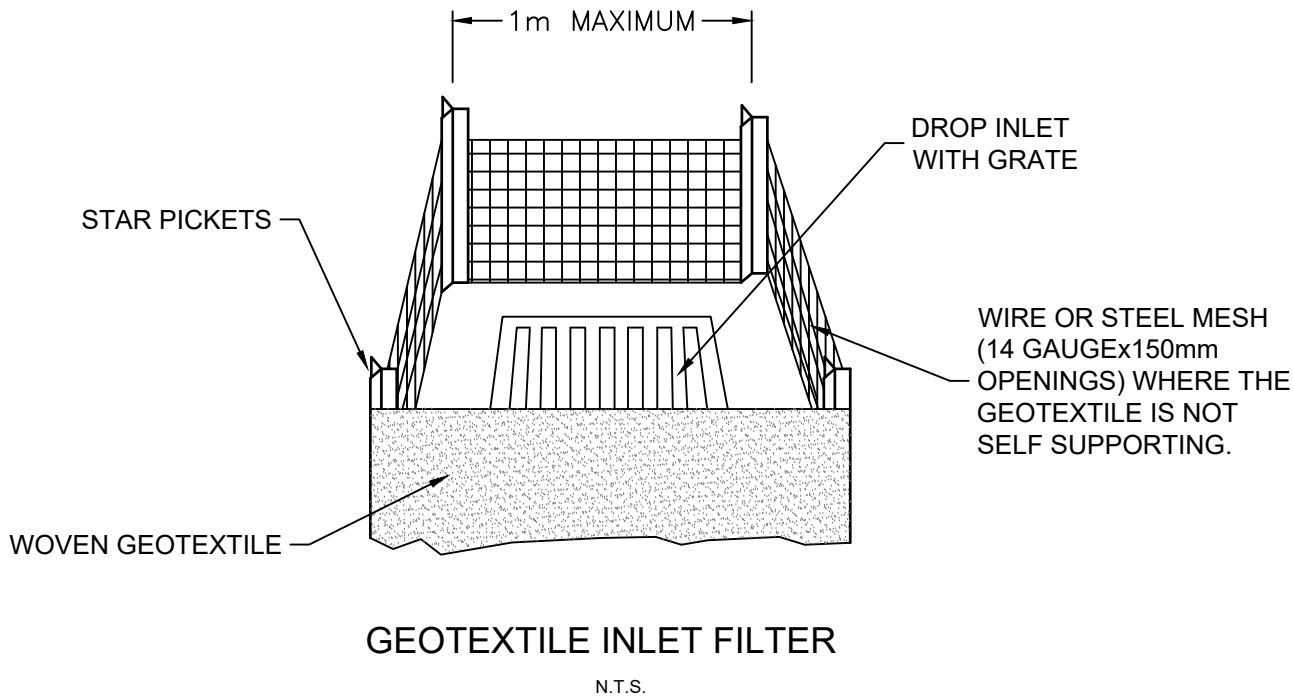
STABILISED SITE ACCESS  
(NOT TO SCALE)



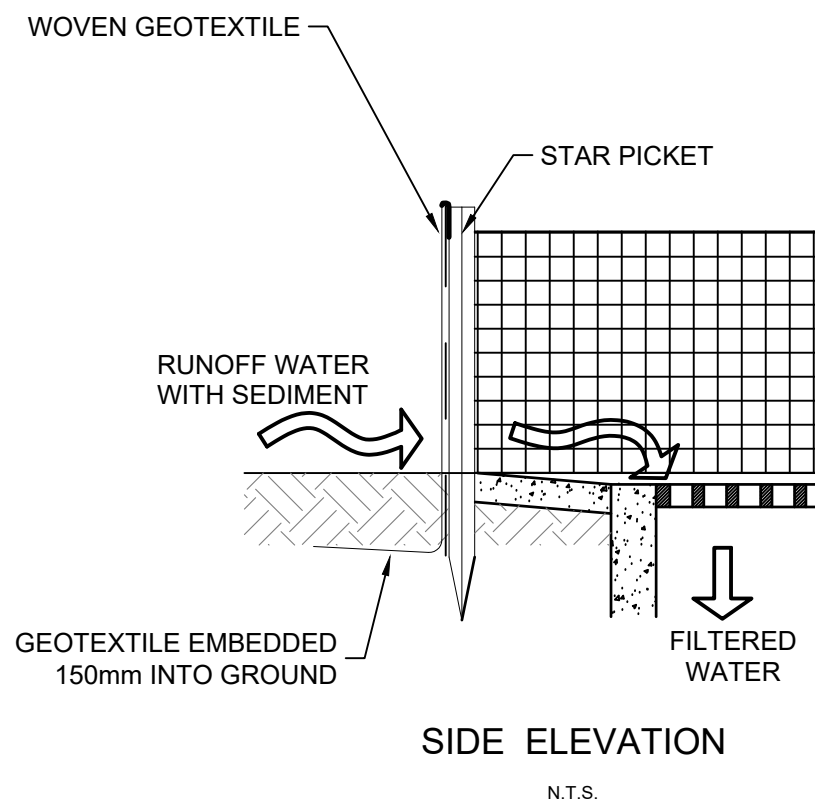
SIDE ELEVATION  
N.T.S.



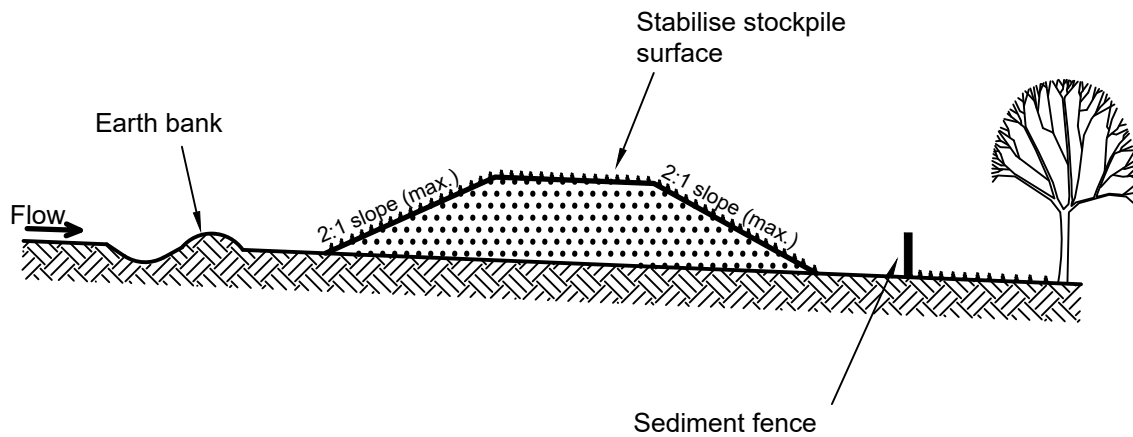
STRAW BALE SILT CONTROL BARRIER  
DETAIL 1  
N.T.S.



GEOTEXTILE INLET FILTER  
N.T.S.



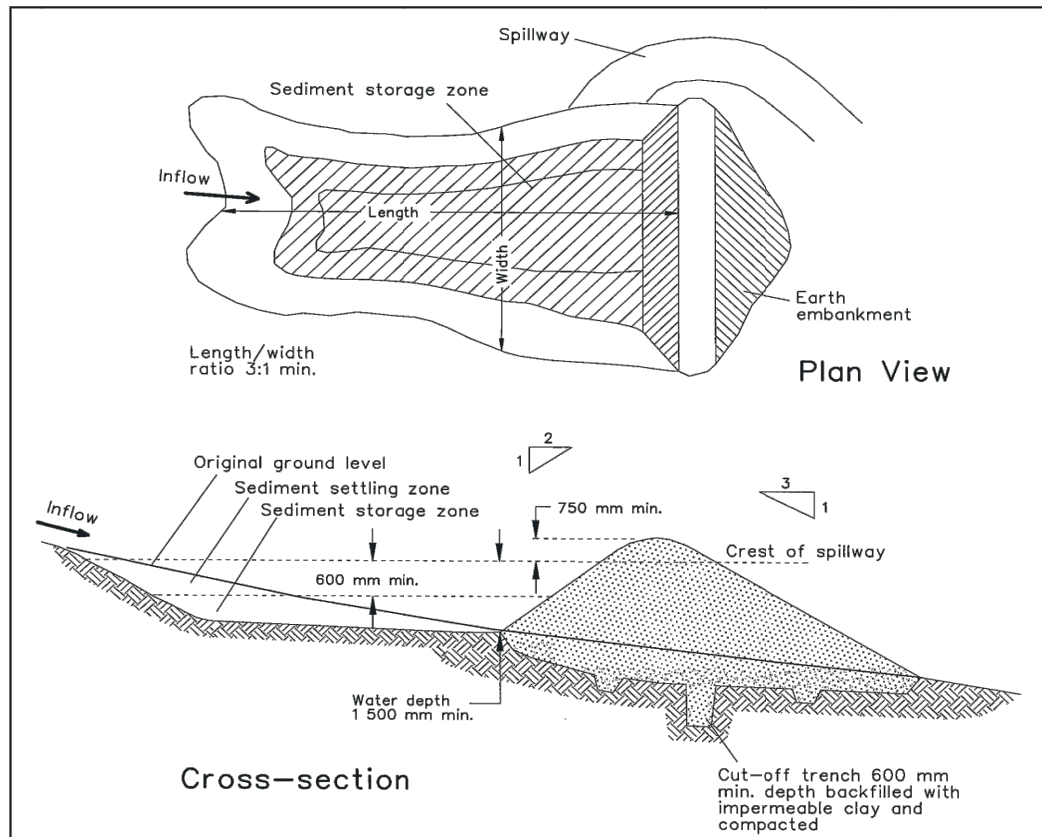
SIDE ELEVATION  
N.T.S.



Construction Notes

- Place stockpiles more than 2 (preferably 5) metres from existing vegetation, concentrated water flow, roads and hazard areas.
- Construct on the contour as low, flat, elongated mounds.
- Where there is sufficient area, topsoil stockpiles shall be less than 2 metres in height.
- Where they are to be in place for more than 10 days, stabilise following the approved ESCP or SWMP to reduce the C-factor to less than 0.10.
- Construct earth banks (Standard Drawing 5-5) on the upslope side to divert water around stockpiles and sediment fences (Standard Drawing 6-8) 1 to 2 metres downslope.

STOCKPILE DETAIL SD 4-1



Construction Notes

- Remove all vegetation and topsoil from under the dam wall and from within the storage area.
- Construct a cut-off trench 500 mm deep and 1,200 mm wide along the centreline of the embankment extending to a point on the gully wall level with the riser crest.
- Maintain the trench free of water and recompact the materials with equipment as specified in the SWMP to 95 per cent Standard Proctor Density.
- Select fill following the SWMP that is free of roots, wood, rock, large stone or foreign material.
- Prepare the site under the embankment by ripping to at least 100 mm to help bond compacted fill to the existing substrate.
- Spread the fill in 100 mm to 150 mm layers and compact it at optimum moisture content following the SWMP.
- Construct the emergency spillway.
- Rehabilitate the structure following the SWMP.

EARTH BASIN - WET  
(APPLIES TO 'TYPE D' AND 'TYPE F' SOILS ONLY)

SD 6-4

6-19

SEDIMENT BASIN NOTES:

MANAGEMENT OF SEDIMENT BASINS IS THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE MAINTAINED IN ACCORDANCE WITH SECTION 6.3 AND APPENDIX F OF MANAGING URBAN STORMWATER (BLUE BOOK).

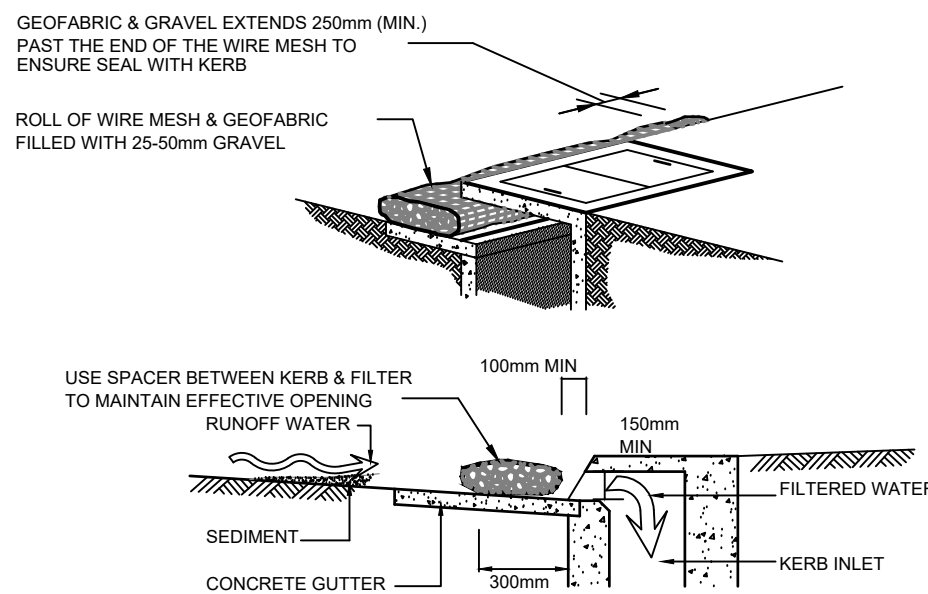
SEDIMENT BASINS WILL:

- BE CONSTRUCTED WHERE SHOWN ON SHEETS 12 AND 1. THEY HAVE BEEN DESIGNED TO A FORMULA BASED ON A DESIGN STORM EVENT OF 5 DAY 75th PERCENTILE.
- BE FLOCCULATED (APPENDIX E, LANDCOM 2004) BEFORE DISCHARGE OCCURS (UNLESS DESIGN STORM EVENT IS EXCEEDED); AND
- HAVE ONE OR MORE PEGS PLACED ON THE FLOOR TO INDICATE CLEARLY THE LEVEL AT WHICH DESIGN SEDIMENT CAPACITY OCCURS AND WHEN SEDIMENT IS REQUIRED TO BE REMOVED.

STORED CONTENTS OF THE BASINS WILL BE TREATED WITH GYPSUM (APPENDIX E, LANDCOM 2004) OR OTHER FLOCCULATING AGENTS WHERE THEY CONTAIN MORE THAN 50 mg/L OF SUSPENDED SOLIDS. TREATMENT WILL BE AS FOLLOWS:

- TREAT THE WATERS AND ALLOW AT LEAST 24 HOURS TO SETTLE WITHIN 4 DAYS FROM THE CONCLUSION OF THE RAINFALL EVENT.
- DRAIN THE BASIN SO THAT FULL STORAGE CAPACITY IS REGAINED WITHOUT DISCHARGING THE SEDIMENT FROM THE SITE WITHIN 5 DAYS FROM THE CONCLUSION OF THE RAINFALL EVENT.

SEDIMENT REMOVED FROM ANY TRAPPING DEVICE WILL BE DISPOSED OF IN LOCATIONS WHERE FURTHER EROSION AND CONSEQUENT POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS WILL NOT OCCUR.



WIREMESH & GRAVEL INLET FILTER  
DETAIL 3  
N.T.S.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                      |                                                                                                                                                                                                                                                                                                            |                                      |  |                                        |                    |                |              |            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|----------|-------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|----------------------------------------|--------------------|----------------|--------------|------------|
| <div>UTILITY SERVICES NOTE</div> <div>No utility service investigations have been undertaken for this project. The presence, exact location, nature and size of utility services must be confirmed by field inspection, prior to the commencement of any excavations, earthworks or roadworks. The contractor is to obtain the relevant utility plans from Dial Before You Dig Ph:1100, all recommendations made by the service authority are to be followed. Caution to be exercised whilst working in the vicinity of all services.</div> | revision | revision details      | date     | drawn |  | <div>Civil Development Solutions</div> <div>ABN 74 160 361 446</div> <div>Civil Engineering, Development and Project Consultants</div> <div>Unit 9, 44-48 Bowral Street,</div> <div>BOWRAL NSW 2576</div> <div>P: 4862-1277</div> <div>E: admin@cdsolutions.com.au</div> <div>www.cdsolutions.com.au</div> | WINGECARRIBEE SHIRE COUNCIL DA: ---- |  | CONCEPT SOIL & WATER MANAGEMENT PLAN 2 |                    | designed: J.C. | A1 sheet     | revision C |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A        | Initial Issue         | 18/04/24 | JC    |                                                                                      |                                                                                                                                                                                                                                                                                                            | LOT 350, DP 1301003                  |  | drawn: J.C.                            | Job Drawing Number |                | 2124<br>CE05 |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | B        | Council Amendments    | 26/08/24 | JC    |                                                                                      |                                                                                                                                                                                                                                                                                                            | TAIT STREET, CROOKWELL               |  | checked: R.A.                          |                    |                |              |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C        | RFS Restriction Added | 21/10/24 | JC    |                                                                                      |                                                                                                                                                                                                                                                                                                            |                                      |  | datum: A.H.D.                          |                    |                |              |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                       |          |       |                                                                                      |                                                                                                                                                                                                                                                                                                            |                                      |  | date: 18/04/24                         | sheet 15           | sheets 15      |              |            |
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