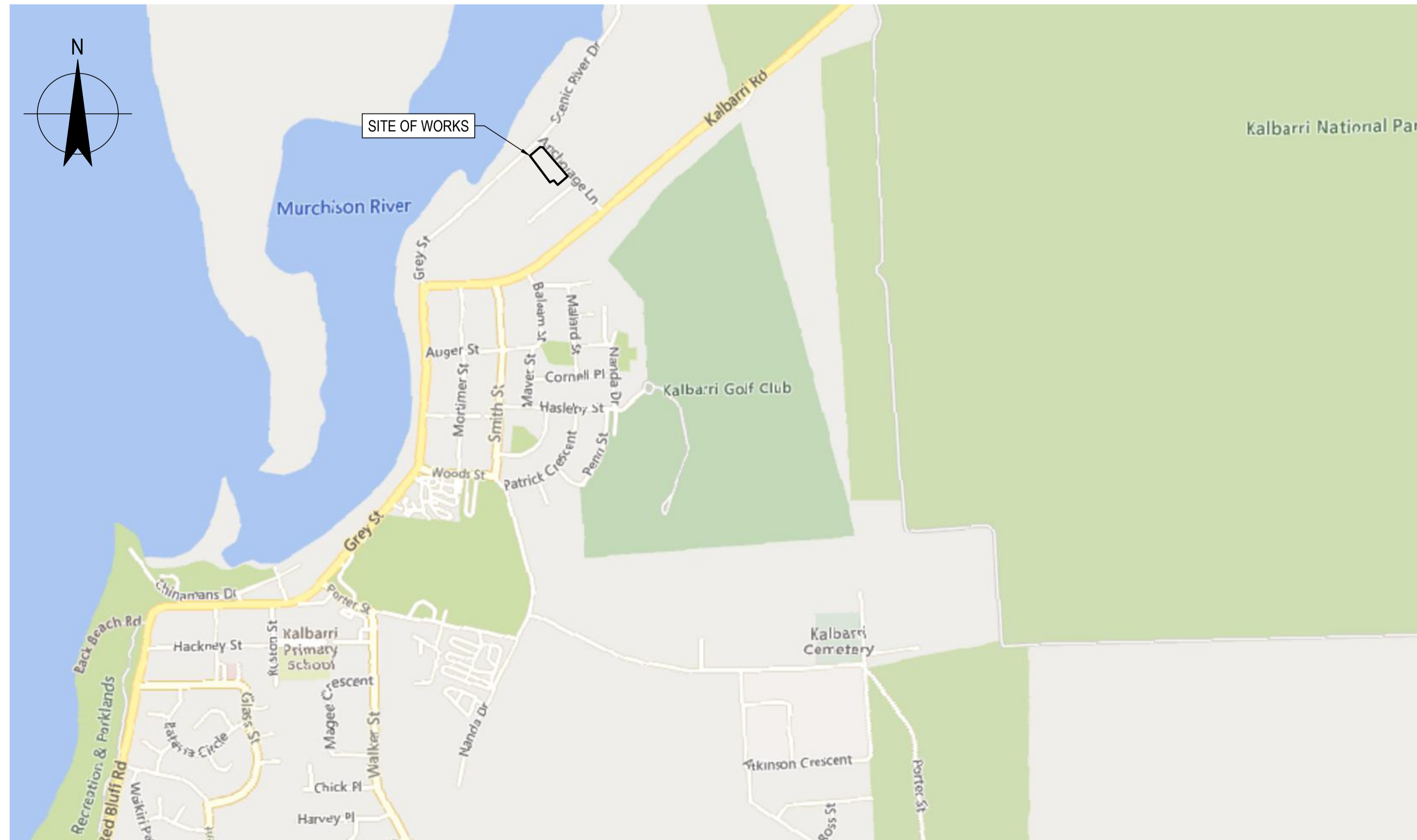


# SHIRE OF NORTHAMPTON

## ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY

### PROJECT NUMBER 12596020



LOCALITY PLAN

SCALE 1:10000



#### DRAWING LIST

| DRG No.                         | DRAWING TITLE                            |
|---------------------------------|--|
| 12596020-GHD-01-02-DRG-CI-00001 | LOCALITY PLAN AND DRAWING LIST           |
| 12596020-GHD-01-02-DRG-CI-00100 | GENERAL ARRANGEMENT PLAN                 |
| 12596020-GHD-01-02-DRG-CI-00200 | SITE CROSS SECTIONS SHEET 1 OF 2         |
| 12596020-GHD-01-02-DRG-CI-00201 | SITE CROSS SECTIONS SHEET 2 OF 2         |
| 12596020-GHD-01-02-DRG-CI-00300 | ACCESS RAMP PLAN                         |
| 12596020-GHD-01-02-DRG-EL-00100 | SITE ELECTRICAL SERVICES LAYOUT PLAN     |
| 12596020-GHD-01-02-DRG-EL-00200 | ELECTRICAL SERVICES SINGLE LINE DIAGRAM  |
| 12596020-GHD-01-02-DRG-HY-00100 | WATER RETICULATION PLAN                  |
| 12596020-GHD-01-02-DRG-HY-00200 | WASTEWATER RETICULATION PLAN             |
| 12596020-GHD-01-02-DRG-HY-00201 | SECTIONS AND DETAILS WASTEWATER          |
| 12596020-GHD-01-02-DRG-LA-00100 | SHADE STRUCTURE GENERAL ARRANGEMENT PLAN |
| 12596020-GHD-01-02-DRG-ST-00001 | STRUCTURAL NOTES                         |
| 12596020-GHD-01-02-DRG-ST-00100 | CONCRETE DETAILS SHEET 1 OF 2            |
| 12596020-GHD-01-02-DRG-ST-00100 | CONCRETE DETAILS SHEET 2 OF 2            |
| 12596020-GHD-01-02-DRG-ST-00200 | TYPICAL RETAINING WALL DETAILS           |

| Rev | Description         | Checked | Approved | Date     |
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| P02 | ISSUED FOR TENDER   | SA      | AK       | 08/02/24 |
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Author S. DAVIES      Drafting Check A.KRAUSE  
 Designer S. DAVIES      Design Check A.KRAUSE



|         |   |
|---------|---|
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| Project | ANCHORAGE LANE TEMPORARY OVERFLOW<br>WORKERS CARAVAN ACCOMMODATION FACILITY |
| Status  | TENDER  |

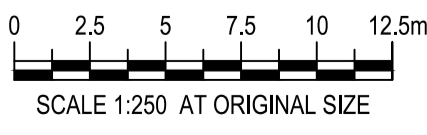
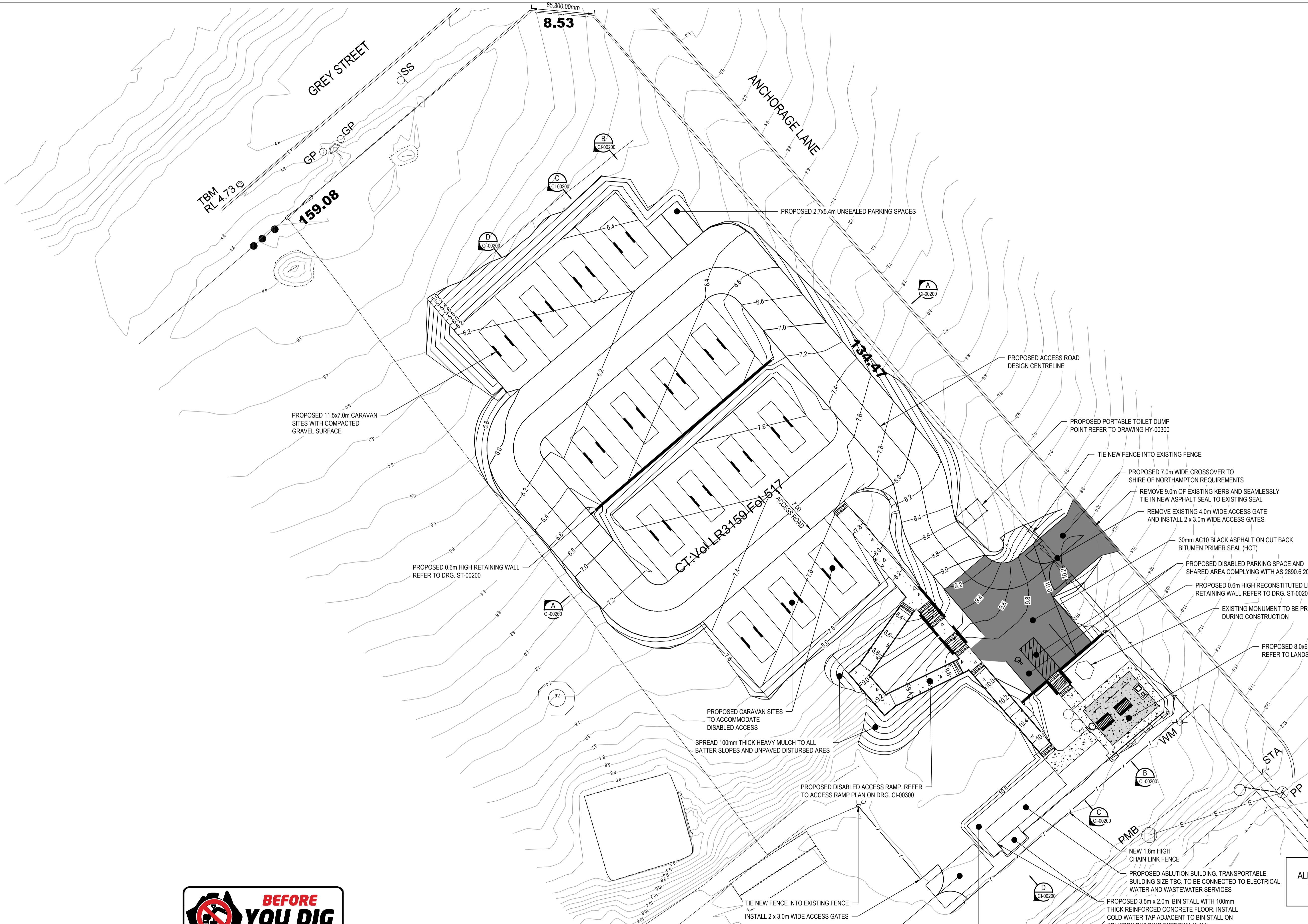
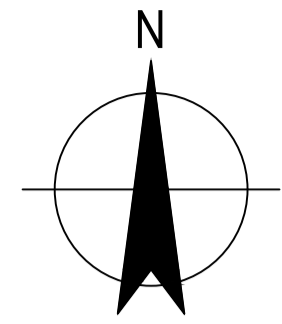
Drawing Title LOCALITY PLAN AND DRAWING LIST



12596020-GHD-01-02-DRG-CI-00001

Size A1

Rev P02



| P03      | ISSUED FOR TENDER      | SA             | AK        | 08/02/24 |
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| Author   | S. DAVIES              | Drafting Check | A. KRAUSE |          |
| Designer | S. DAVIES              | Design Check   | A. KRAUSE |          |

Plot Date: 8 February 2024 - 11:19 AM Plotted by: Steven Davies

File Name: N:\AU\Perth\Projects\611\2596020\CADD\Drawings\12596020-GHD-01-02-DRG-CI-00100.dwg



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Project No. 12596020

Client SHIRE OF NORTHAMPTON  
 Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
 Status TENDER

Drawing Title GENERAL LAYOUT PLAN

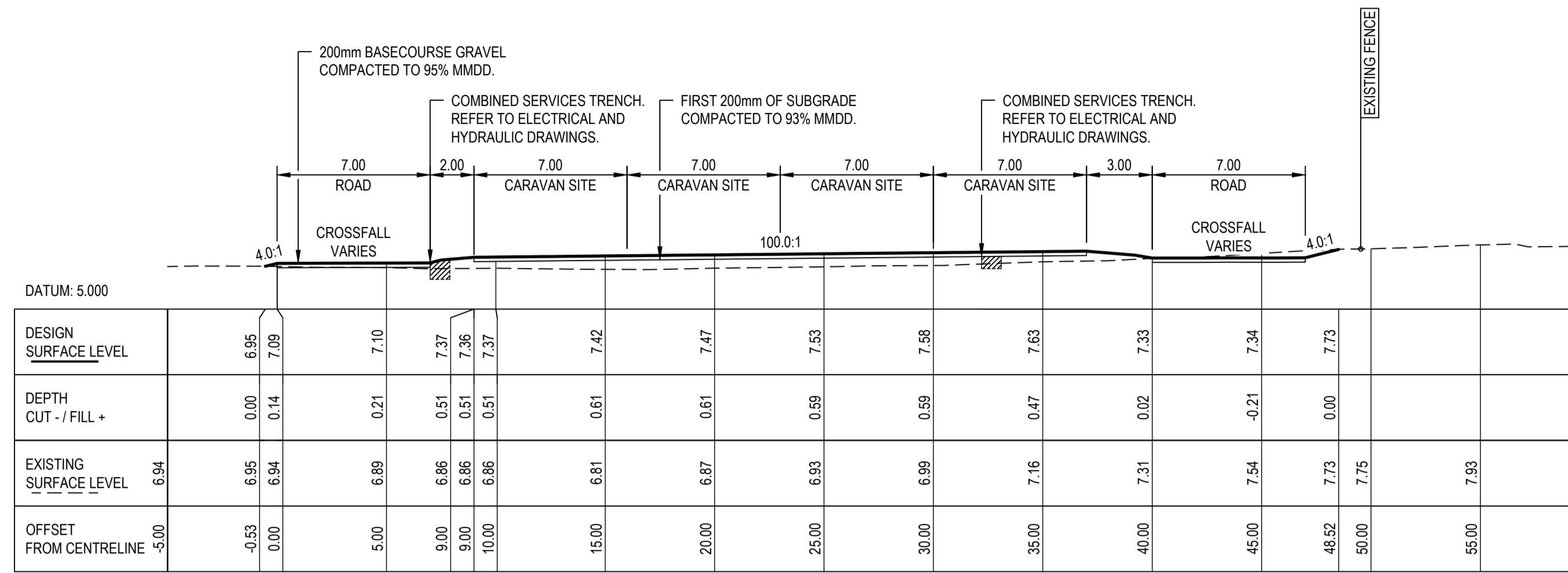
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NOTE ALL SETOUT INFORMATION WILL BE PROVIDED IN ELECTRONIC FORMAT

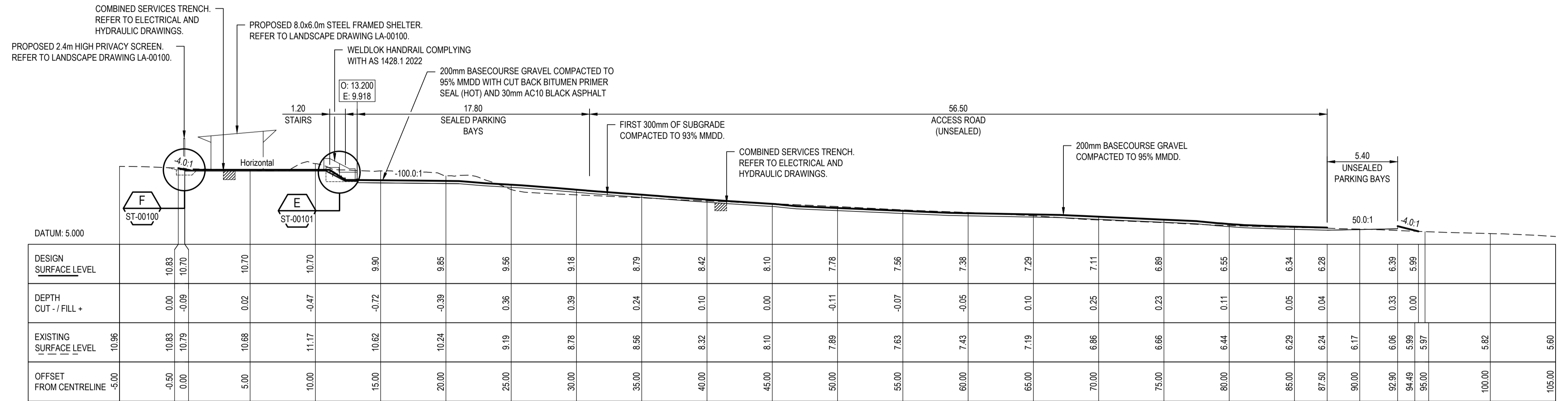


Size A1

Rev P03



**A-A SECTION**  
CI-00100 SCALE 1 : 200



**B-B SECTION**  
CI-00100 SCALE 1 : 200



|          |                     |                |           |          |
|----------|---------------------|----------------|-----------|----------|
| Rev      | Description         | Checked        | Approved  | Date     |
| P02      | ISSUED FOR TENDER   | SA             | AK        | 08/02/24 |
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| Author   | S. DAVIES           | Drafting Check | A. KRAUSE |          |
| Designer | S. DAVIES           | Design Check   | A. KRAUSE |          |

Plot Date: 8 February 2024 - 11:32 AM Plotted by: Steven Davies

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Project No.  
12596020

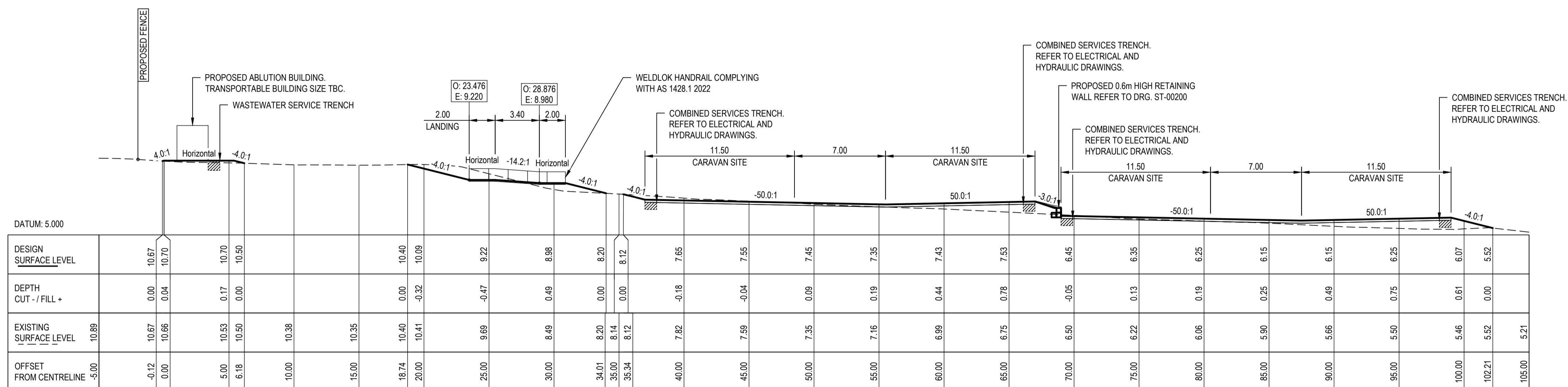
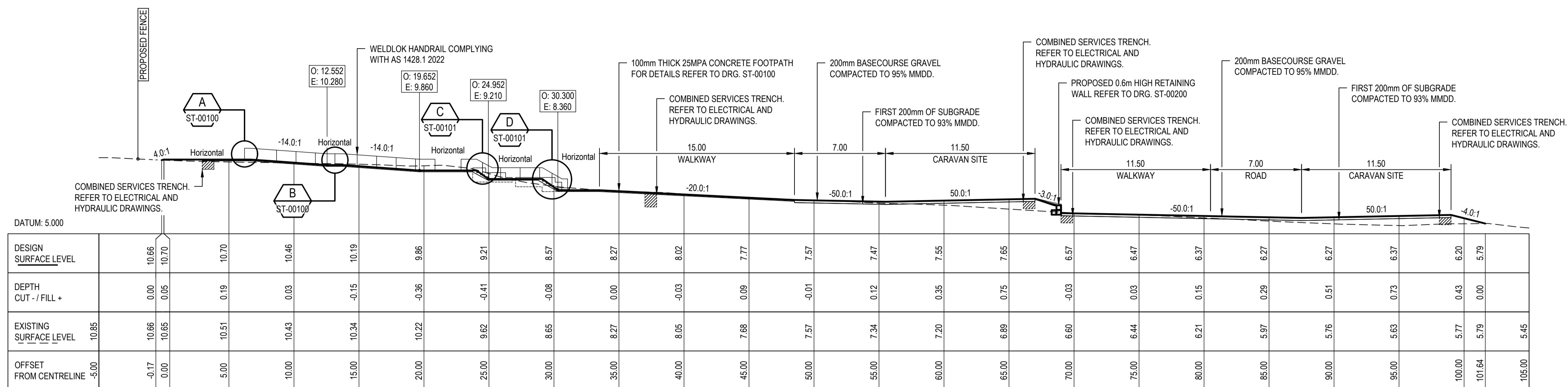
Client SHIRE OF NORTHAMPTON  
Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
Status TENDER

Drawing Title SITE CROSS SECTIONS SHEET 1 OF 2

Drawing No. 12596020-GHD-01-02-DRG-CI-00200

Size  
A1

Rev  
P02

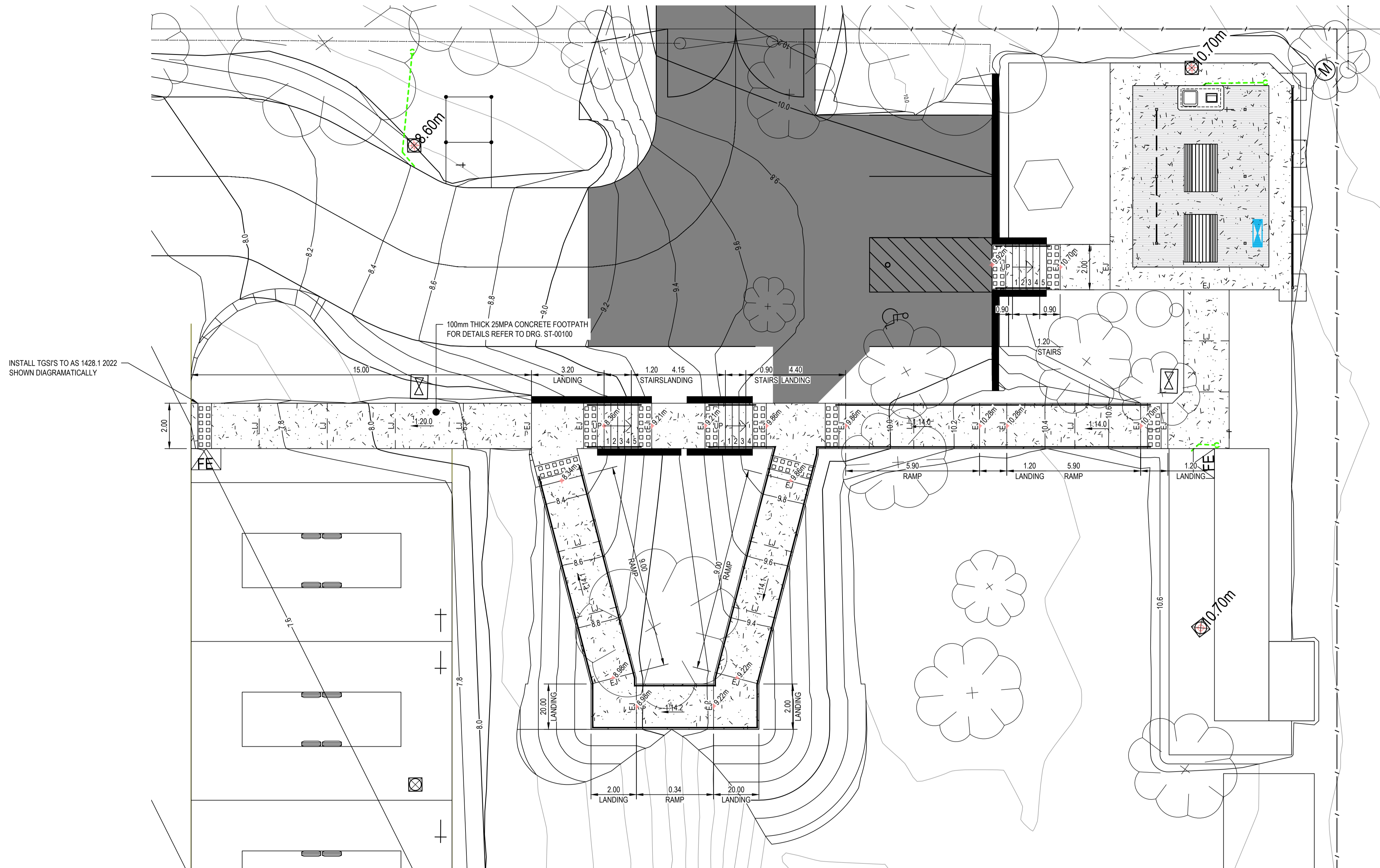
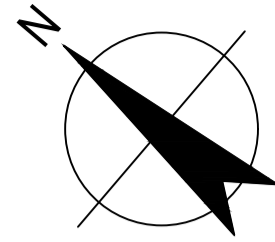


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| Rev      | Description         | Checked        | Approved  | Date     |
| P02      | ISSUED FOR TENDER   | SA             | AK        | 08/02/24 |
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| Author   | S. DAVIES           | Drafting Check | A. KRAUSE |          |
| Designer | S. DAVIES           | Design Check   | A. KRAUSE |          |



Client SHIRE OF NORTHAMPTON  
 Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
 Status TENDER  
 Project No. 12596020

Drawing Title SITE CROSS SECTIONS SHEET 2 OF 2  
 Drawing No. 12596020-GHD-01-02-DRG-CI-00201  
 Rev P02



PLAN  
SCALE 1:100



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|----------|-----------|----------------|-----------|
| Author   | S. DAVIES | Drafting Check | A. KRAUSE |
| Designer | S. DAVIES | Design Check   | A. KRAUSE |

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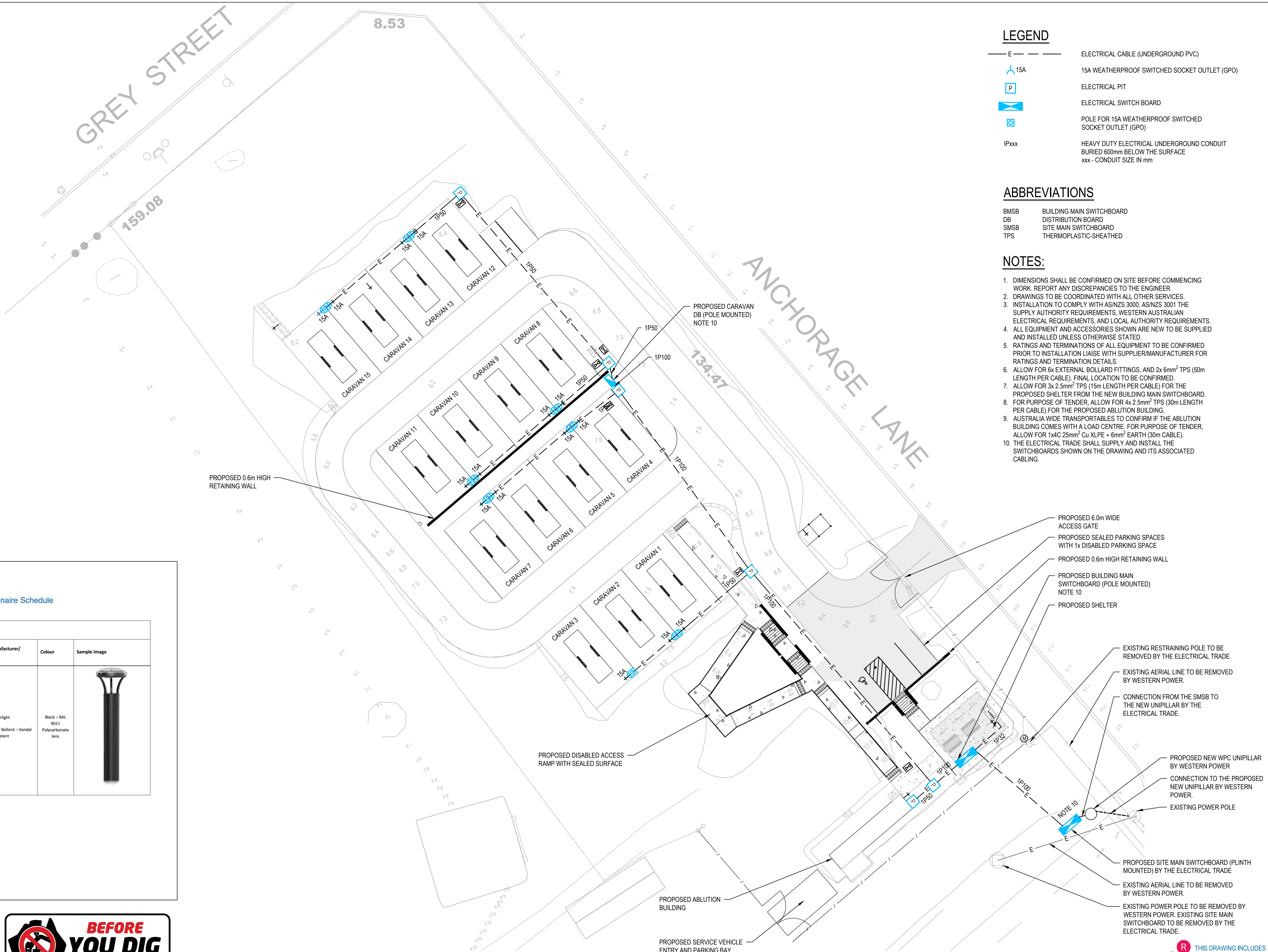
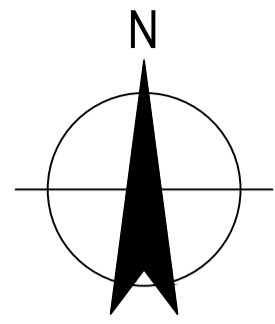
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| Client  | SHIRE OF NORTHAMPTON   |
| Project | ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY |
| Status  | TENDER   |

Drawing Title ACCESS RAMP PLAN

12596020-GHD-01-02-DRG-CI-00300

Size  
**A1**

Rev  
**P02**



**LEGEND**

- ELECTRICAL CABLE (UNDERGROUND PVC)
- 15A WEATHERPROOF SWITCHED SOCKET OUTLET (GPO)
- ELECTRICAL PIT
- ELECTRICAL SWITCH BOARD
- POLE FOR 15A WEATHERPROOF SWITCHED SOCKET OUTLET (GPO)
- HEAVY DUTY ELECTRICAL UNDERGROUND CONDUIT BURIED 600mm BELOW THE SURFACE xxx - CONDUIT SIZE IN mm

**ABBREVIATIONS**

- BMSB BUILDING MAIN SWITCHBOARD
- DB DISTRIBUTION BOARD
- SMSB SITE MAIN SWITCHBOARD
- TPS THERMOPLASTIC-SHEATHED

**NOTES:**

1. DIMENSIONS SHALL BE CONFIRMED ON SITE BEFORE COMMENCING WORK. REPORT ANY DISCREPANCIES TO THE ENGINEER.
2. DRAWINGS TO BE COORDINATED WITH ALL OTHER SERVICES.
3. INSTALLATION TO COMPLY WITH AS/NZS 3000, AS/NZS 3001 THE SUPPLY AUTHORITY REQUIREMENTS, WESTERN AUSTRALIAN ELECTRICAL REQUIREMENTS, AND LOCAL AUTHORITY REQUIREMENTS.
4. ALL EQUIPMENT AND ACCESSORIES SHOWN ARE NEW TO BE SUPPLIED AND INSTALLED UNLESS OTHERWISE STATED.
5. RATINGS AND TERMINATIONS OF ALL EQUIPMENT TO BE CONFIRMED PRIOR TO INSTALLATION LAISE WITH SUPPLIER/MANUFACTURER FOR RATINGS AND TERMINATION DETAILS.
6. ALLOW FOR 6x EXTERNAL BOLLARD FITTINGS, AND 2x 6mm<sup>2</sup> TPS (50m LENGTH PER CABLE). FINAL LOCATION TO BE CONFIRMED.
7. ALLOW FOR 3x 2.5mm<sup>2</sup> TPS (15m LENGTH PER CABLE) FOR THE PROPOSED SHELTER FROM THE NEW BUILDING MAIN SWITCHBOARD.
8. FOR PURPOSE OF TENDER, ALLOW FOR 4x 2.5mm<sup>2</sup> TPS (30m LENGTH PER CABLE) FOR THE PROPOSED ABLUTION BUILDING.
9. AUSTRALIA WIDE TRANSPORTABLES TO CONFIRM IF THE ABLUTION BUILDING COMES WITH A LOAD CENTRE. FOR PURPOSE OF TENDER, ALLOW FOR 1x4C 25mm<sup>2</sup> Cu XLPE + 6mm<sup>2</sup> EARTH (30m CABLE).
10. THE ELECTRICAL TRADE SHALL SUPPLY AND INSTALL THE SWITCHBOARDS SHOWN ON THE DRAWING AND ITS ASSOCIATED CABLING.

**Kalbarri Temporary Accommodation – Luminaire Schedule**

**NOTE 6**

| Luminaire Schedule |   |   |         |       |               |   |  |              |
|--------------------|---|---|---------|-------|---------------|---|--|--------------|
| Type               | Description                                 | Lamps   | Ballast | Optic | Mounting      | Supplier/ Manufacturer/ Model No.                         | Colour                                 | Sample Image |
| SL1                | Direct Buried (Standard) IK10 Solar Bollard | 7.5W Solar Panel<br>1.76W LED light<br>77Wh battery | -       | -     | Direct Buried | Tigerlight<br>Tiger IK10 Solar Bollard – Vandal resistant | Black – RAL 9011<br>Polycarbonate lens |              |

**PRELIMINARY**  
DATE : 27 September 2023



PLAN  
SCALE 1:250

**THIS DRAWING INCLUDES COLOURED INFORMATION**  
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| P04      | ISSUE FOR TENDER       | NZ             | AK       | 08.02.2024 |
|----------|------------------------|----------------|----------|------------|
| P03      | ISSUE FOR APPROVAL     | NZ             | AK       | 14.12.2023 |
| P02      | ISSUE FOR APPROVAL     | NZ             | AK       | 27.09.2023 |
| P01      | ISSUED FOR INFORMATION |                |          |            |
| Rev      | Description            | Checked        | Approved | Date       |
| Author   | C.BONAOBRA             | Drafting Check | S.DAVIES |            |
| Designer | C.BONAOBRA             | Design Check   | N.ZANICH |            |



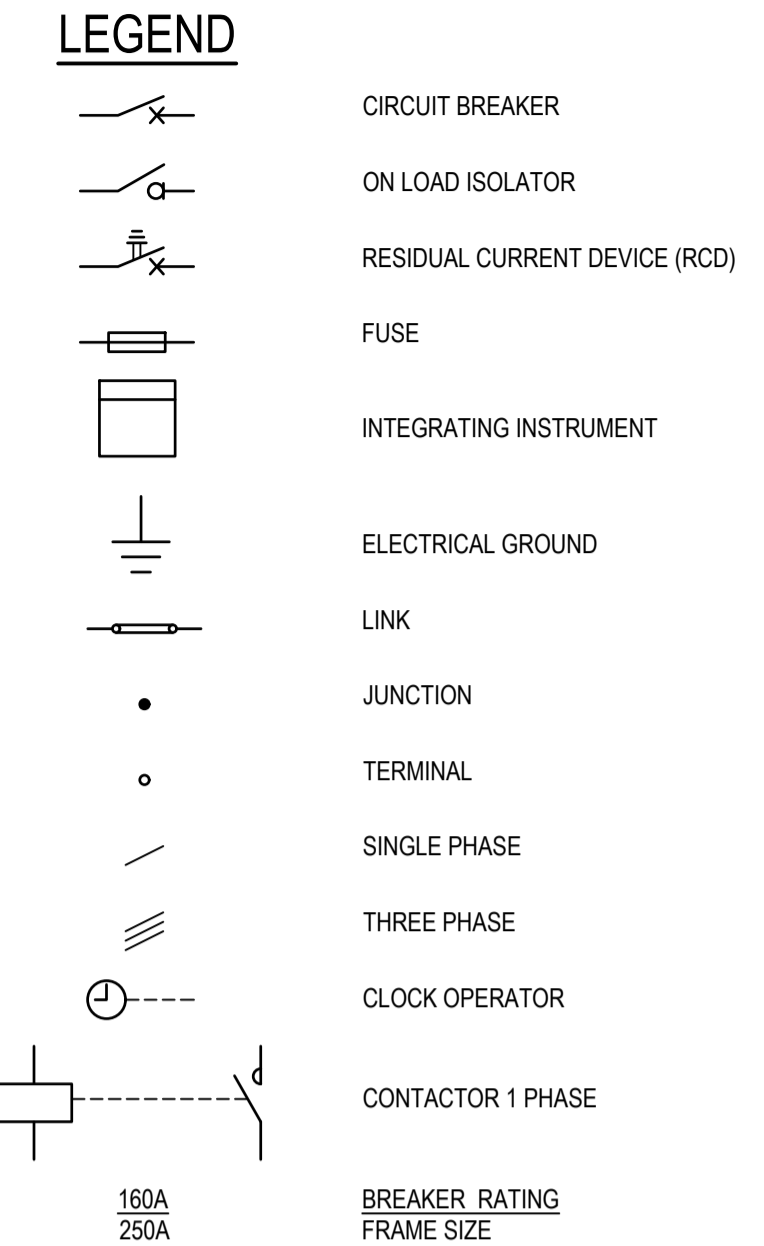
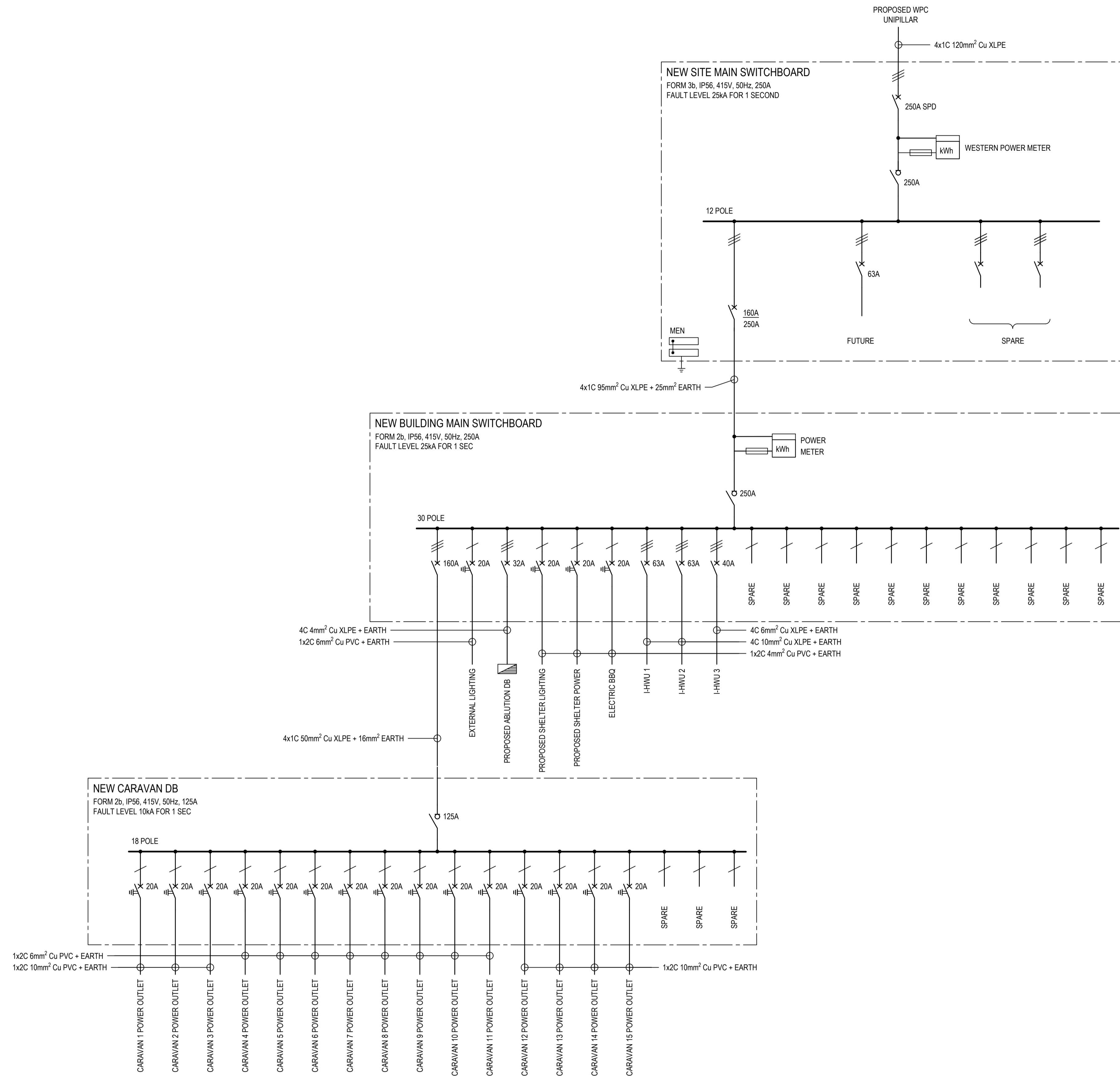
Client **SHIRE OF NORTHAMPTON**  
Project **ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY**  
Status **TENDER**

Drawing Title **SITE ELECTRICAL SERVICES LAYOUT PLAN**

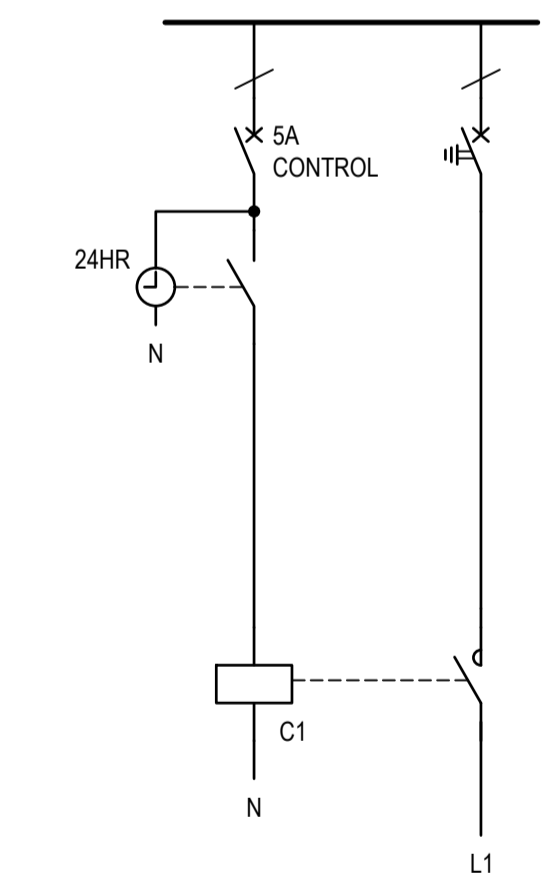
12596020-GHD-01-02-DRG-EL-00100

Size **A1**

Rev **P04**



- NOTES:**
1. INSTALLATION SHALL BE AS PER THE LATEST VERSION OF AS/NZS 3000, AS/NZS 3001, AND OTHER RELEVANT STANDARDS AND CODES.
  2. ENSURE THAT DISCRIMINATION BETWEEN PROTECTIVE DEVICES IS ACHIEVED AS FAR AS PRACTICABLE.
  3. ALL NEW SWITCHBOARDS SHALL BE MANUFACTURED AND VERIFIED IN ACCORDANCE WITH AS/NZS 61439.
  4. LIAISE WITH THE PROPOSED ABLUTION BUILDING MANUFACTURER (AUSTRALIA WIDE TRANSPORTABLES) TO TERMINATE THE CABLING FROM NEW BUILDING MAIN SWITCHBOARD TO THE ABLUTION BUILDING DISTRIBUTION BOARD.
  5. PROVIDE EACH SWITCHBOARD WITH A NAMEPLATE LABEL FITTED TO THE FRONT OF THE SWITCHBOARD ENCLOSURE. THE NAMEPLATE SHALL MEET THE REQUIREMENTS OF AS/NZS 61439 AND AS A MINIMUM INCLUDE:
    - SWITCHBOARD NAME
    - SWITCHBOARD MANUFACTURER, DATE OF MANUFACTURE AND MANUFACTURER'S REFERENCE NUMBER
    - SHORT TIME CURRENT WITHSTAND CAPACITY AND CALCULATED PROSPECTIVE FAULT CURRENT
    - DEGREE OF PROTECTION
    - INTERNAL SEGREGATION FORM RATING
    - SUB-MAIN CABLE SIZE
    - FED FROM DETAILS
  6. ALLOW 25% SPARE SPACE IN ALL SWITCHBOARDS FOR FUTURE EXPANSION.



**KALBARRI TEMPORARY ACCOMMODATION - SINGLE LINE DIAGRAM**  
NOT TO SCALE

|     |                    |         |          |            |
|-----|--------------------|---------|----------|------------|
| Rev | Description        | Checked | Approved | Date       |
| P02 | ISSUE FOR TENDER   | NZ      | AK       | 08.02.2024 |
| P01 | ISSUE FOR APPROVAL | NZ      | AK       | 27.09.2023 |

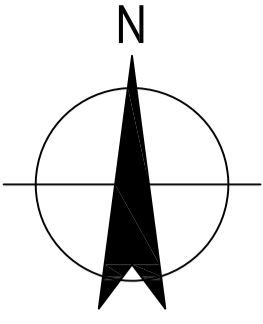
Author: C. BONAOBRA    Drafting Check: S. DAVIES  
 Designer: C. BONAOBRA    Design Check: N. ZANICH

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Client: SHIRE OF NORTHAMPTON  
 Project: ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
 Status: TENDER

Drawing Title: ELECTRICAL SERVICES SINGLE LINE DIAGRAM  
 Drawing No.: 12596020-GHD-01-02-DRG-EL-00200  
 Rev: P02



GREY STREET  
IV 4.10  
159.08

8.53

NOTE 4

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 9

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

NOTE 7

FIRE PIT  
SEATING

PROPOSED DISABLED ACCESS RAMP  
WITH SEALED SURFACE

PROPOSED ABLUTION BUILDING

PROPOSED 8.0x6.0M STEEL  
FRAMED SHELTER.  
REFER TO LANDSCAPE  
DRAWING LA-00100.

NOTE 3

NOTE 10

NOTE 4

NOTE 2

NOTE 1

EXISTING METER

SEPTIC TANKS

HT

RPZD

HT

HT

HT

HT

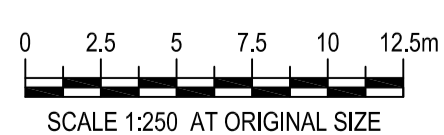
HT

HT

HT



PLAN  
SCALE 1:250



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Client SHIRE OF NORTHAMPTON  
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Status TENDER

Drawing Title WATER RETICULATION PLAN  
Drawing No. 12596020-GHD-01-02-DRG-HY-00100  
Rev P01

Size  
A1

**LEGEND**

- PE WATER SERVICE
- ISOLATION VALVE IN PIT
- HOSE TAP
- WATER METER
- POWER/WATER SERVICE PILLAR
- FIRE EXTINGUISHER

**ABBREVIATIONS**

- DN NOMINAL DIAMETER
- HT HOSE TAP
- PE POLYETHYLENE
- RPZD REDUCED PRESSURE ZONE DEVICE
- FE FIRE EXTINGUISHER

**DRAWING NOTES**

1. ALLOW TO SUBMIT PLANS, OBTAIN APPROVALS AND PAY ALL FEES AND COSTS ASSOCIATED WITH THE UPGRADE OF THE EXISTING DN25 WATER METER TO DN40 METER @80L/MIN. PROVIDE DN40 HIGH HAZARD BACKFLOW PREVENTION DEVICE DOWNSTREAM OF METER AND EXTEND POTABLE WATER SERVICE AS SHOWN. REFER TO SPECIFICATION FOR FURTHER DETAILS.
  2. PROVIDE DN15 HOSE TAP AT BBO UNDER SHELTERED AREA AND CAPPED OFF DN15 ISOLATION VALVE FOR CONNECTION OF FIXTURE. COORDINATE LOCATION ON SITE AND ALLOW TO EXTEND AND CONNECT AS REQUIRED.
  3. DN32 ISOLATION VALVE IN PIT BELOW GROUND FOR CONNECTION TO ABLUTIONS. ALLOW TO EXTEND AND CONNECT TO ABLUTIONS. COORDINATE CONNECTION WITH TRANSPORTABLE BUILDING SUPPLIER.
  4. DN15 HOSE TAP MOUNTED ON POST LOCATED ABOVE ORG.
  5. DN20 NON POTABLE HOSE TAP WITH DN20 REDUCED PRESSURE ZONE DEVICE ASSEMBLY FOR CARAVAN DUMP POINT. PROVIDE CONCRETE PLINTH AND CAGE AS PER SPECIFICATION AND ALLOW FOR APPROPRIATE NON DRINKING WATER SIGNAGE.
  6. DN25 ISOLATION VALVE IN PIT BELOW GROUND.
  7. DN20 ISOLATION VALVE FOR CONNECTION OF WATER SERVICE TO COMBINED POWER/WATER PILLAR FOR CAMP SITES. PROVIDE TESTABLE DUAL CHECK VALVE UPSTREAM OF EACH PILLAR.
  8. LOCATION OF EXISTING WATER SUPPLY PIPE TO BE CONFIRMED ON SITE AND PROTECTED DURING CONSTRUCTION.
  9. DRY POWDER (ABE) 9.0KG FIRE EXTINGUISHER IN GALVANIZED CABINET MOUNTED ON GALVANIZED STEEL POST.
  10. DRY POWDER (ABE) 9.0KG FIRE EXTINGUISHER IN GALVANIZED CABINET MOUNTED ON WALL OF TRANSPORTABLE.
- \* WATER SERVICES PIPE SIZES ARE SHOWN AS INTERNAL DIAMETERS UNLESS NOTED OTHERWISE.





**DRAWING NOTES**

- DN65 SEWER VENT PIPE COMPLETE WITH COWL, GALVANISED STEEL TERMINATING 2.7m ABOVE FGL. TRANSITION FROM uPVC TO GALVANISED STEEL BELOW GROUND WITH MALE uPVC SCREW INTO GALVANISE FI SOCKET. DOUBLE WRAP GALVANISE PIPE IN PETROLATUM TAPE BELOW GROUND AND FOR 100mm ABOVE GROUND. PROVIDE 150mm<sup>2</sup> OF CONCRETE FOOTING FOR SUPPORT BELOW GROUND.
- uPVC TRANSITIONS TO GALVANISED STEEL SEWER VENT PIPE BELOW GROUND & RISES ON WALL OF ABLUTION BLOCK, TERMINATING ABOVE ROOF LEVEL COMPLETE WITH COWL. DOUBLE WRAP GALVANISE PIPE IN PETROLATUM TAPE BELOW GROUND AND FOR 100mm ABOVE GROUND.
- SEWER PIPE GRADES WITH INCLINE (APPROX. 1:3). REFER TO LONGITUDINAL SECTION A ON DRAWING 12596020-GHD-01-02-DRG-HY-00200 FOR FURTHER DETAIL.
- ANCHORING OF PIPEWORK TO BE IN ACCORDANCE WITH AS3500.2.
- COORDINATE LOCATION AND NUMBER OF CONNECTIONS WITH TRANSPORTABLE BUILDING SUPPLIER. ALLOW FOR ALL CONNECTIONS TESTING AND COMMISSIONING AS REQUIRED.
- EXISTING SEPTIC TANK AND LEACH DRAINS TO BE IN DECOMMISSIONED AND REMOVED IN ACCORDANCE WITH DEPARTMENT OF HEALTH REQUIREMENTS.
- ALLOW TO PROVIDE WASTE CONNECTION AS PER DETAIL ON DRAWING 12596020-GHD-01-02-DRG-HY-00300. REFER TO SPECIFICATION FOR FURTHER DETAILS. PROVIDE DN100 GULLY AT EACH CONNECTION POINT.
- DN100 CAPPED OFF WASTE FOR CONNECTION OF FIXTURE AT BBQ SHELTER. ALL TO COORDINATE CONNECTION LOCATION AND ROUTE PIPEWORK AS REQUIRED.
- ALLOW TO EXTEND DN65 GALVANISED VENT PIPE ON COLUMN OF SHELTER STRUCTURE. TERMINATE VENT 150mm ABOVE APEX OF SHELTER WITH COWL. TRANSITION FROM uPVC TO GALVANISED STEEL BELOW GROUND WITH MALE uPVC SCREW INTO GALVANISE FI SOCKET. DOUBLE WRAP GALVANISE PIPE IN PETROLATUM TAPE BELOW GROUND AND FOR 100mm ABOVE GROUND.

\* ALL SEWER PIPE SIZES ARE SHOWN AS NOMINAL DIAMETERS UNLESS NOTED OTHERWISE.

\*\* FOR DESIGN SURFACE LEVELS REFER TO DRAWING 12596020-GHD-01-02-DRG-CI-00100

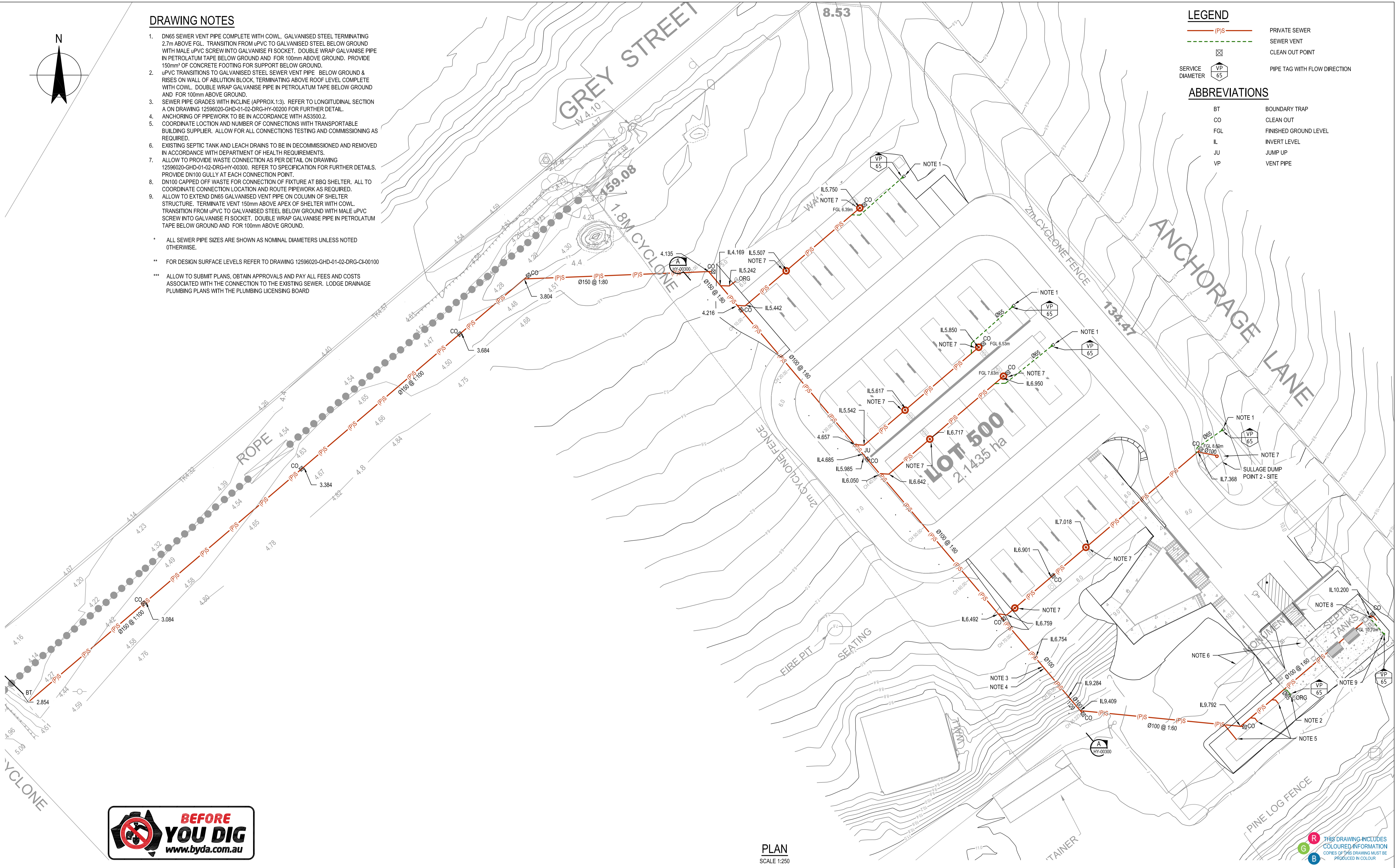
\*\*\* ALLOW TO SUBMIT PLANS, OBTAIN APPROVALS AND PAY ALL FEES AND COSTS ASSOCIATED WITH THE CONNECTION TO THE EXISTING SEWER. LODGE DRAINAGE PLUMBING PLANS WITH THE PLUMBING LICENSING BOARD

**LEGEND**

- (P/S) PRIVATE SEWER
- SEWER VENT
- CLEAN OUT POINT
- PIPE TAG WITH FLOW DIRECTION

**ABBREVIATIONS**

- BT BOUNDARY TRAP
- CO CLEAN OUT
- FGL FINISHED GROUND LEVEL
- IL INVERT LEVEL
- JU JUMP UP
- VP VENT PIPE



**PLAN**  
SCALE 1:250

THIS DRAWING INCLUDES COLOURED INFORMATION COPIES OF THIS DRAWING MUST BE PRODUCED IN COLOUR

| Rev | Description       | Checked | Approved | Date     |
|-----|-------------------|---------|----------|----------|
| P01 | ISSUED FOR TENDER | RH      | AK       | 08.02.24 |

Author S. MOSAVAL    Drafting Check A. KRAUSE  
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Client **SHIRE OF NORTHAMPTON**

Project **ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY**

Status **TENDER**

Project No. 12596020

Drawing Title **WASTEWATER RETICULATION PLAN**

Size **A1**

Drawing No. 12596020-GHD-01-02-DRG-HY-00200

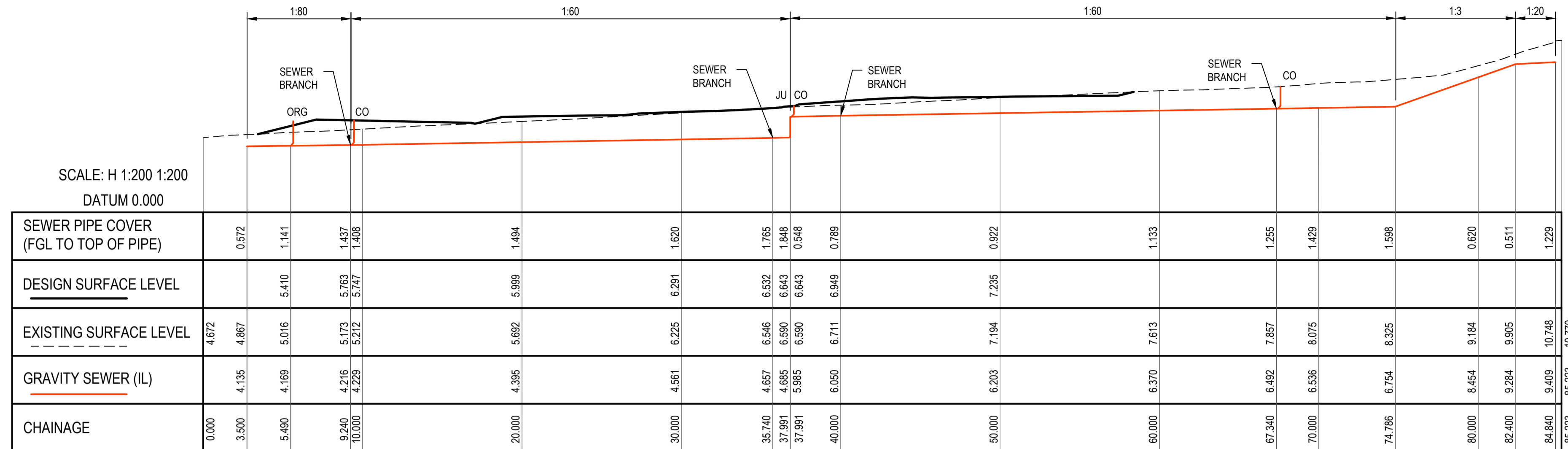
Rev **P01**

**LEGEND**

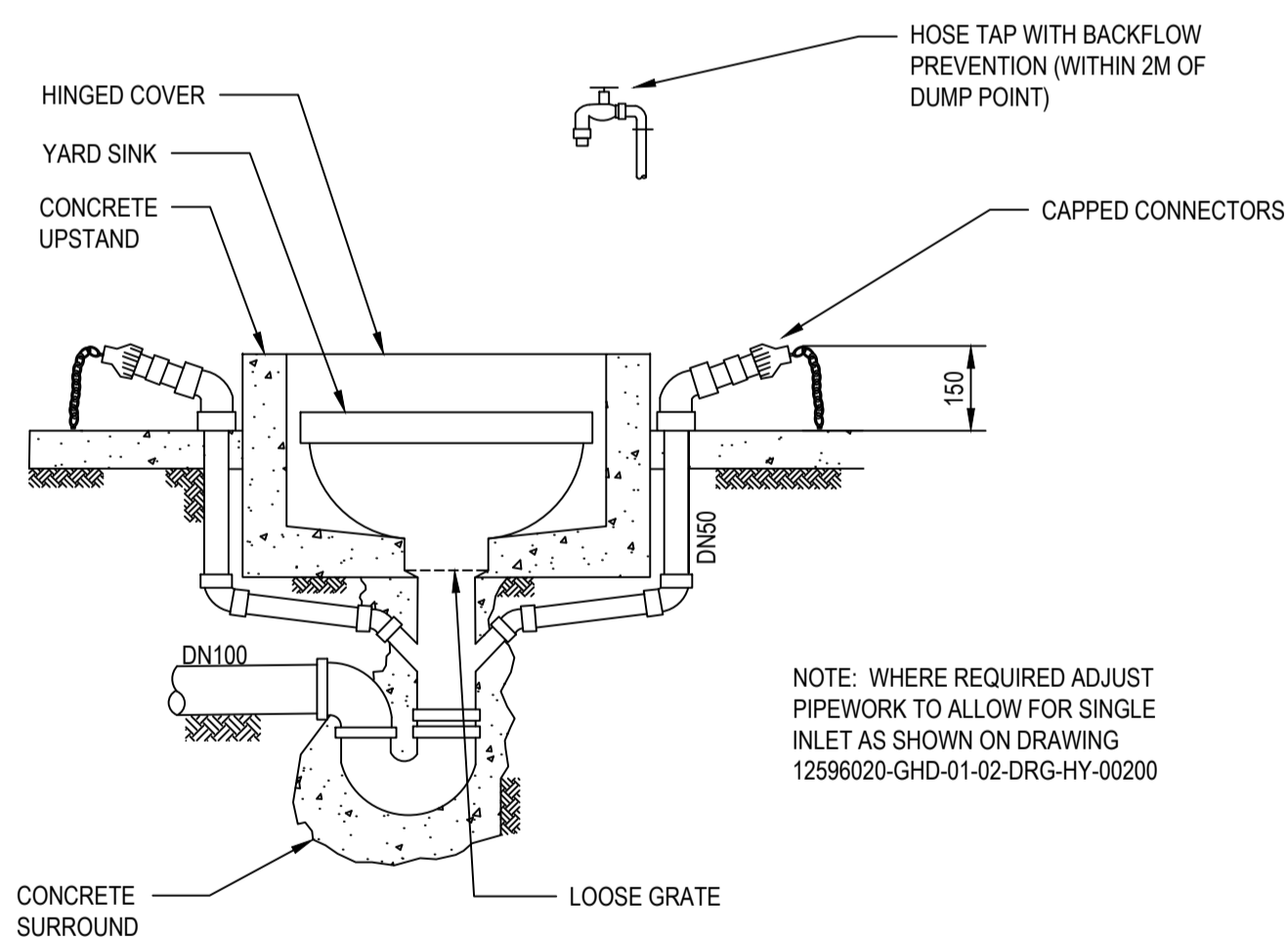
GRAVITY SEWER PROFILE

**ABBREVIATIONS**

|     |                       |
|-----|-----------------------|
| CO  | CLEAN OUT             |
| FGL | FINISHED GROUND LEVEL |
| IL  | INVERT LEVEL          |
| JU  | JUMP UP               |

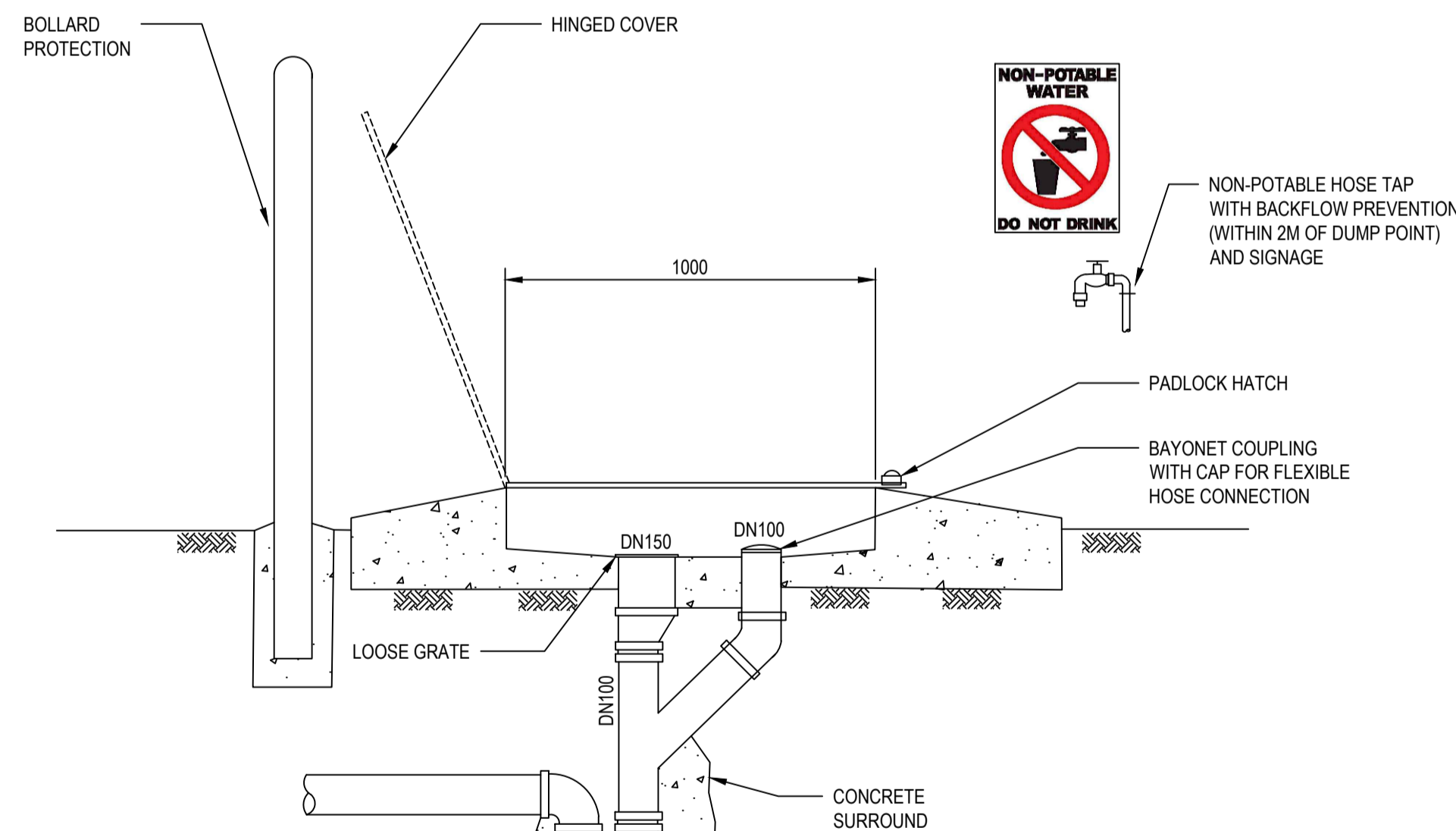


**LONGITUDINAL SECTION A: GRAVITY SEWER PROFILE**

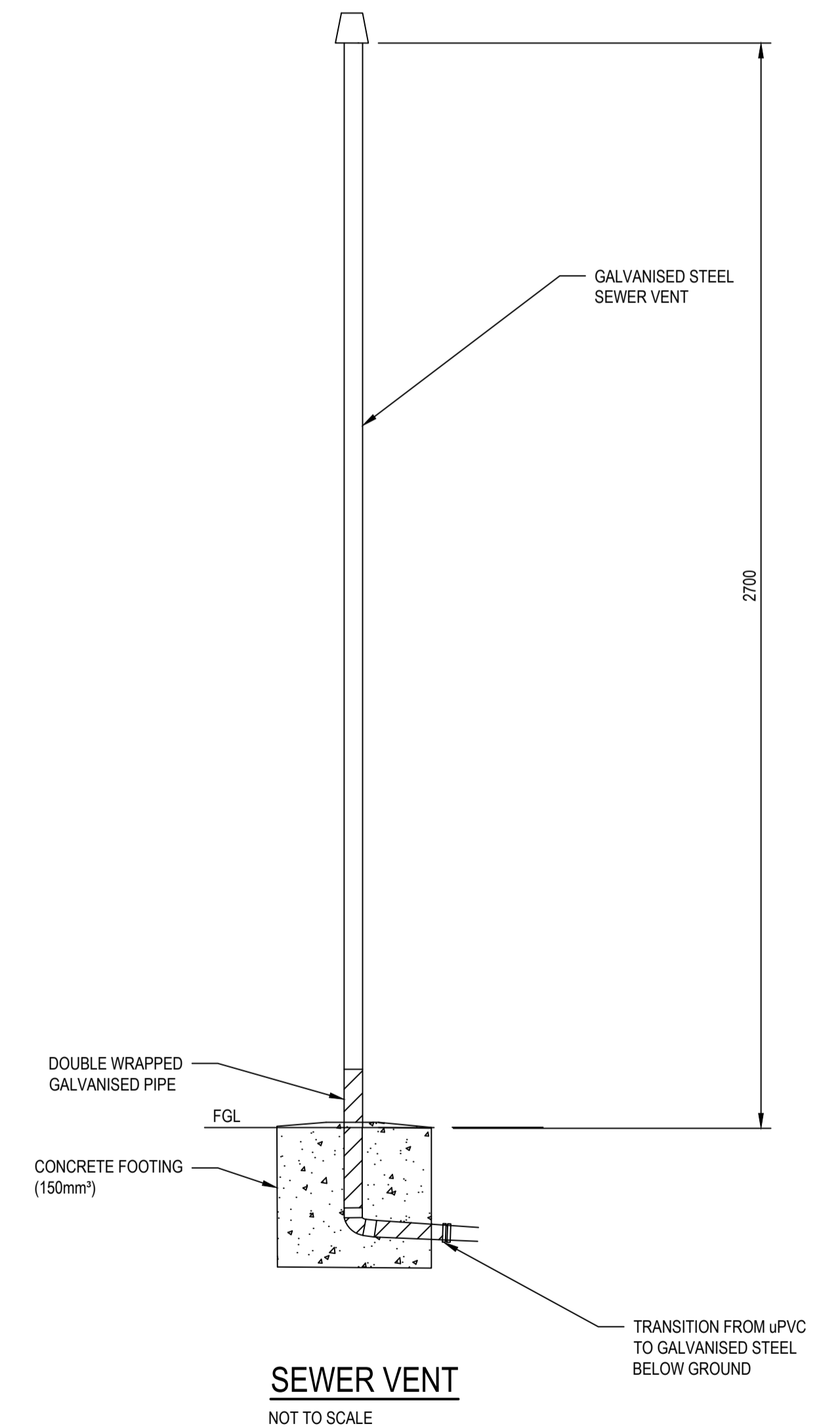
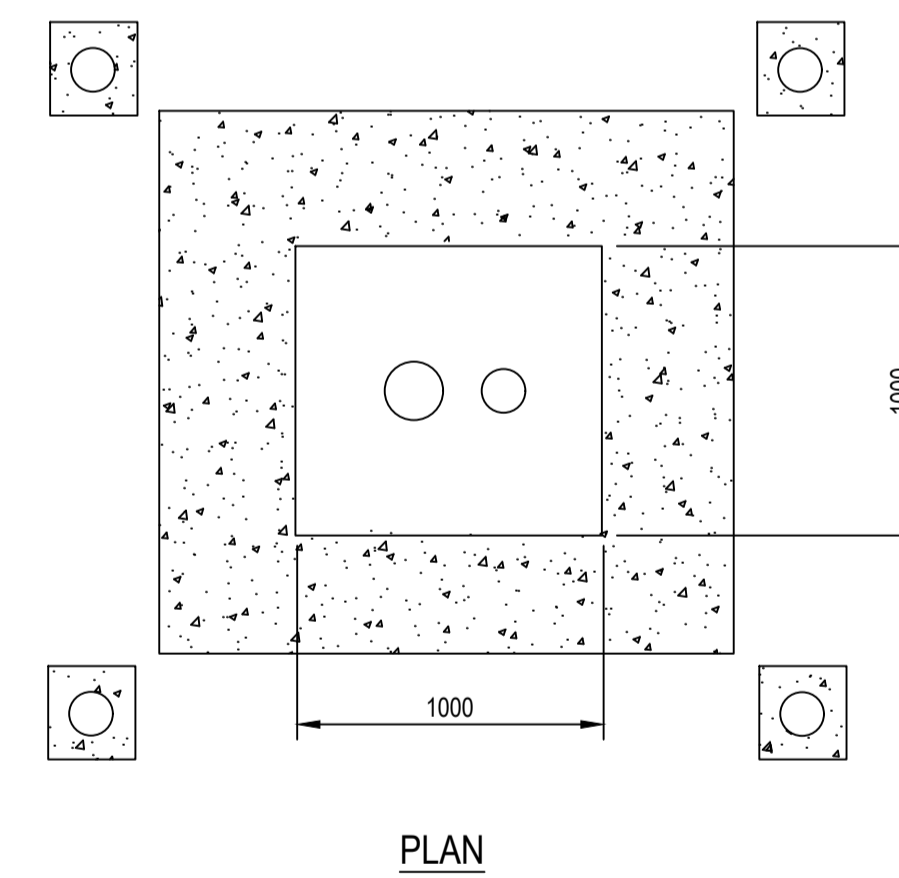


**SULLAGE DUMP POINT 1 - CARAVAN BAYS**  
NOT TO SCALE

NOTE: WHERE REQUIRED ADJUST PIPEWORK TO ALLOW FOR SINGLE INLET AS SHOWN ON DRAWING 12596020-GHD-01-02-DRG-HY-00200



**SULLAGE DUMP POINT 2 - SITE DUMP POINT**  
NOT TO SCALE



**SEWER VENT**  
NOT TO SCALE

**PRELIMINARY**  
DATE : 8 February 2024



THIS DRAWING INCLUDES COLOURED INFORMATION COPIES OF THIS DRAWING MUST BE PRODUCED IN COLOUR

|          |                   |                |           |          |
|----------|-------------------|----------------|-----------|----------|
| Rev      | Description       | Checked        | Approved  | Date     |
| P01      | ISSUED FOR TENDER | RH             | AK        | 08.02.24 |
| Author   | S. MOSAVAL        | Drafting Check | A. KRAUSE |          |
| Designer | S. MOSAVAL        | Design Check   | R. HESNAN |          |

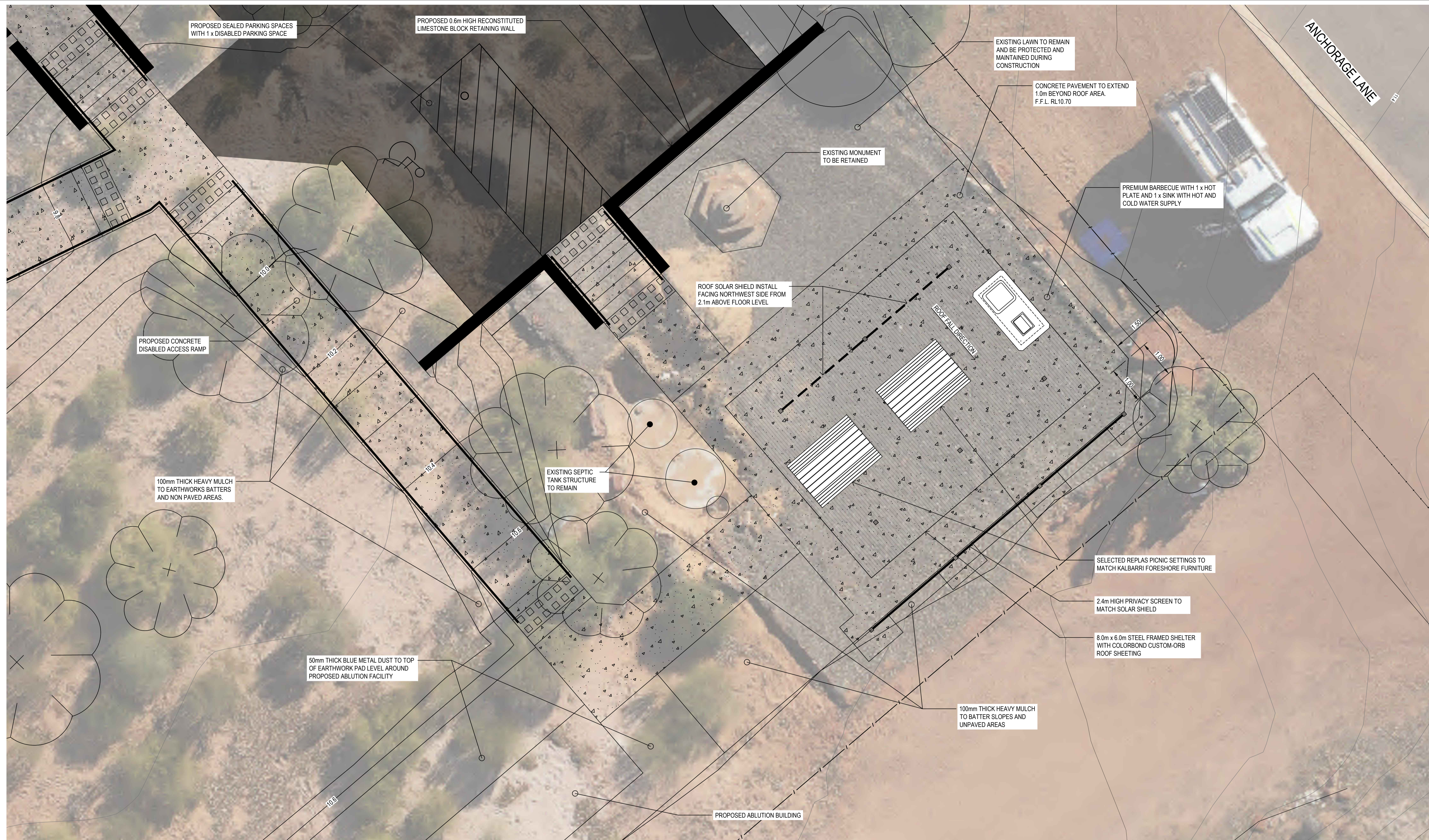
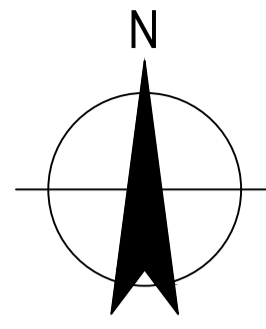


Client SHIRE OF NORTHAMPTON  
Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
Status TENDER

Drawing Title SECTIONS AND DETAILS WASTEWATER

Size A1

Drawing No. 12596020-GHD-01-02-DRG-HY-00300 Rev P01



PLAN  
SCALE 1:50



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|-----|------------------------|---------|----------|----------|
| P03 | ISSUED FOR TENDER      | SA      | AK       | 08/02/24 |
| P02 | CLIENT COMMENTS ADDED  | SA      | AK       | 29/08/23 |
| P01 | ISSUED FOR INFORMATION | SA      | AK       | 20/07/23 |

|          |           |                |           |
|----------|-----------|----------------|-----------|
| Author   | R. TIEN   | Drafting Check | A. KRAUSE |
| Designer | I. PEXTON | Design Check   | A. KRAUSE |



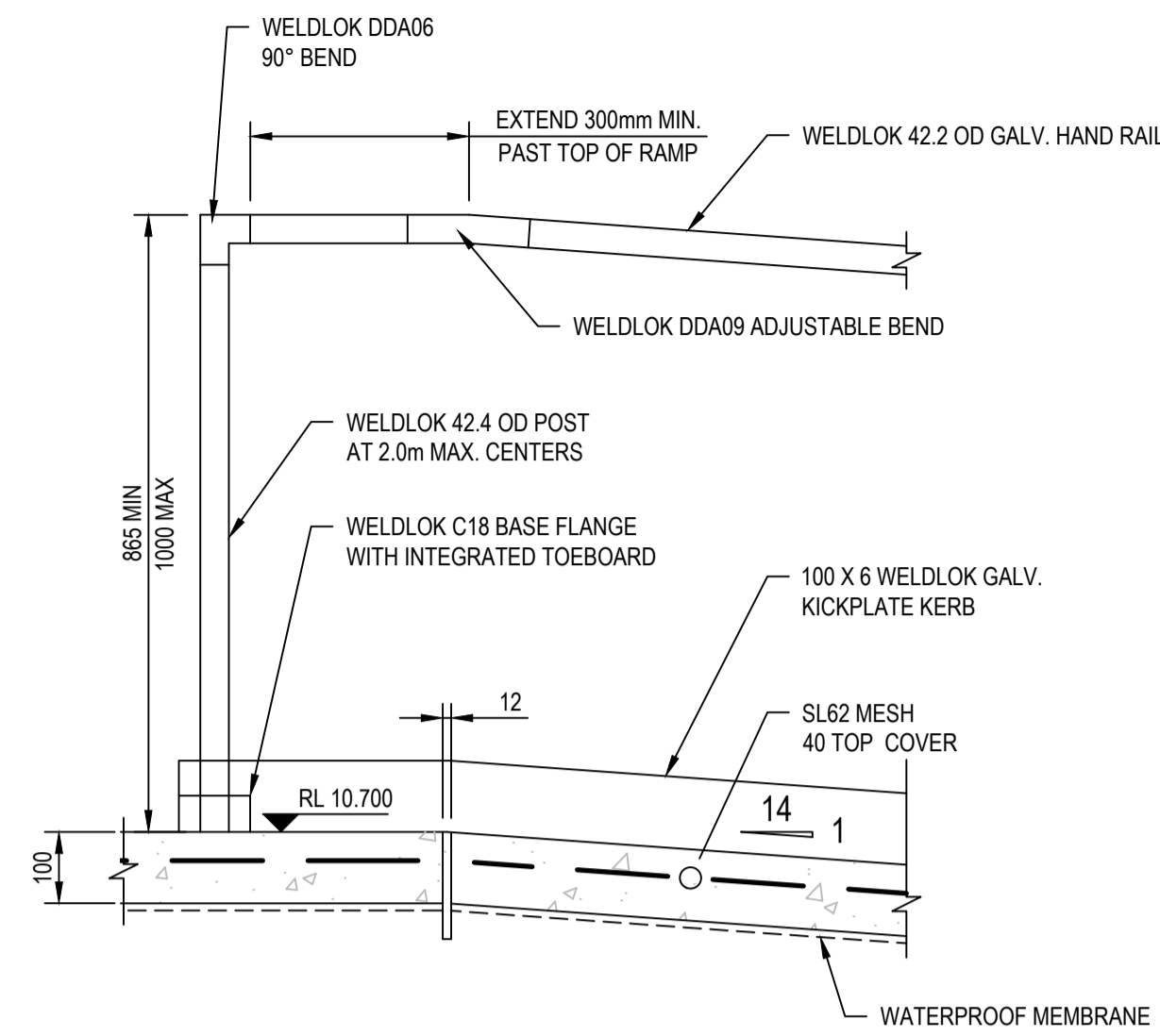
Client SHIRE OF NORTHAMPTON  
Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
Status TENDER

Drawing Title SHADE STRUCTURE GENERAL ARRANGEMENT PLAN

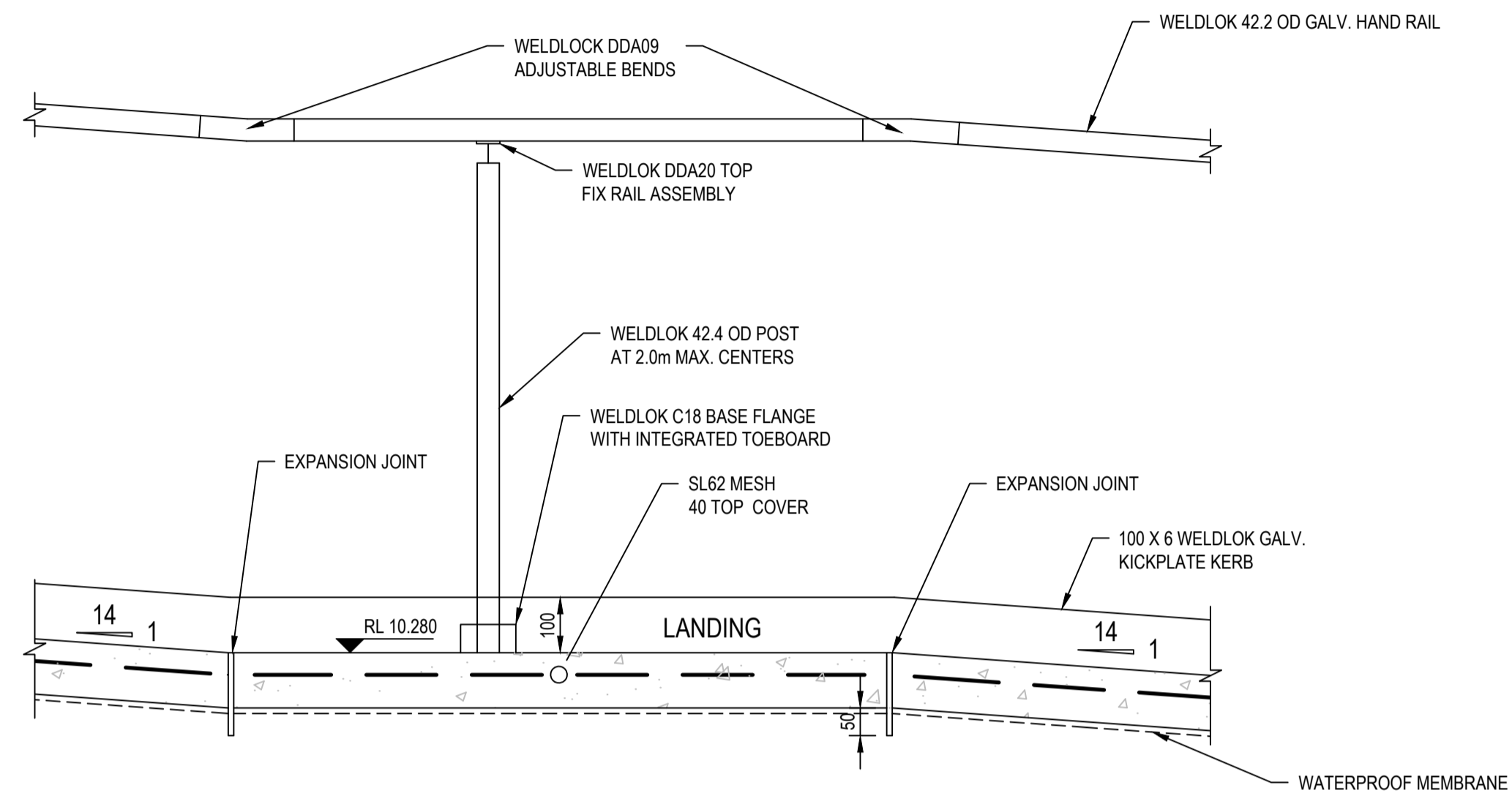
12596020-GHD-01-02-DRG-LA-00100

Size A1  
Rev P03

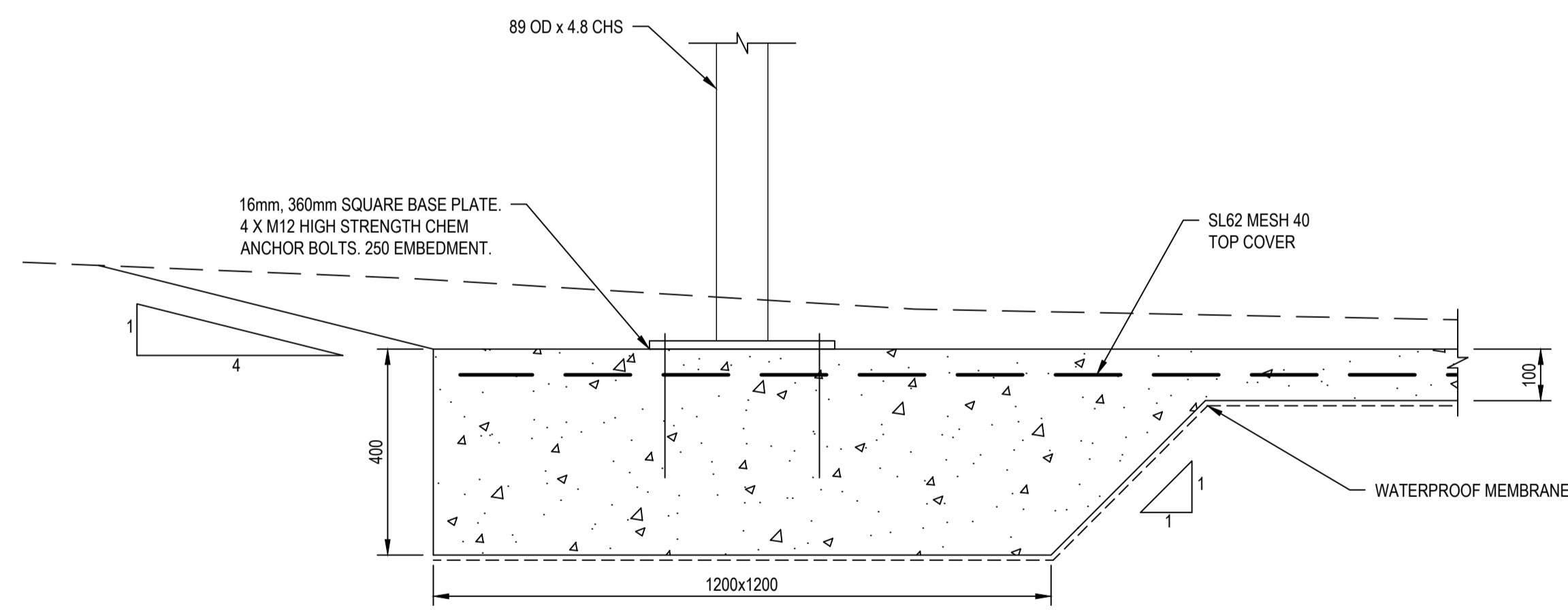




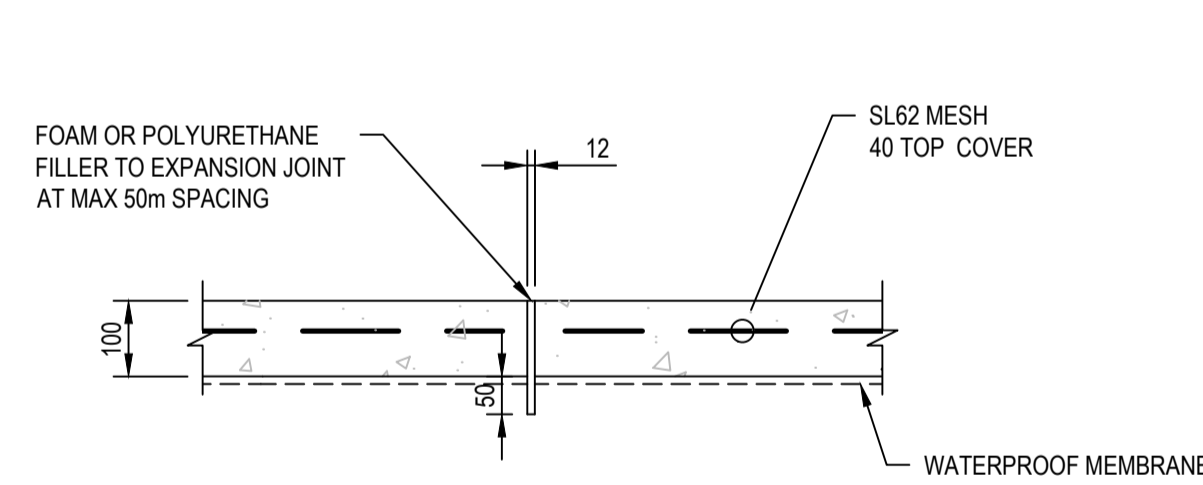
**A** DETAIL  
CI-00201 SCALE 1: 10



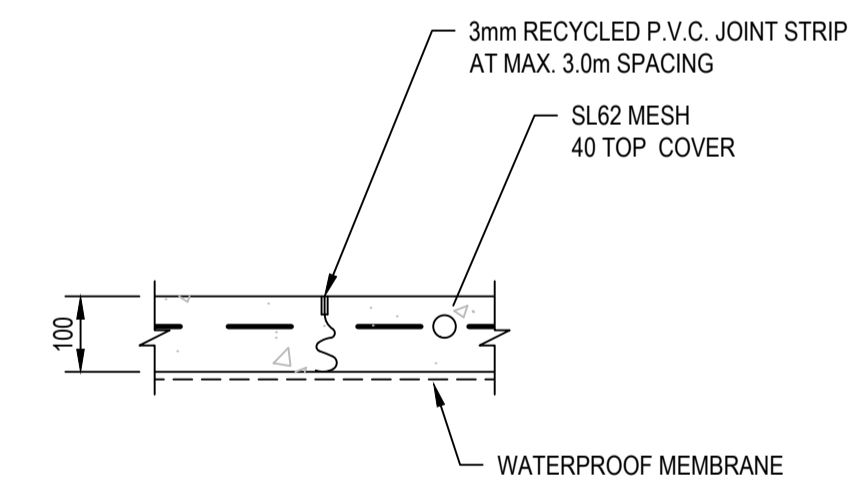
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CI-00201 SCALE 1: 10



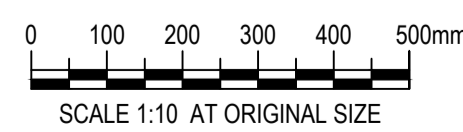
**F** DETAIL  
CI-00200 SCALE 1: 10



**TYPICAL FOOTPATH  
EXPANSION JOINT DETAIL**  
SCALE 1:10



**TYPICAL FOOTPATH  
LOCK JOINT DETAIL**  
SCALE 1:10



|          |                     |                |           |          |
|----------|---------------------|----------------|-----------|----------|
| Rev      | Description         | Checked        | Approved  | Date     |
| P02      | ISSUED FOR TENDER   | SA             | AK        | 08/02/24 |
| P01      | ISSUED FOR APPROVAL | SA             | AK        | 01/09/23 |
| Author   | S. DAVIES           | Drafting Check | A. KRAUSE |          |
| Designer | B. BARTON           | Design Check   | A. KRAUSE |          |

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Project No.  
12596020

Client SHIRE OF NORTHAMPTON  
Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
Status TENDER

Drawing Title  
CONCRETE DETAILS  
SHEET 1 OF 2

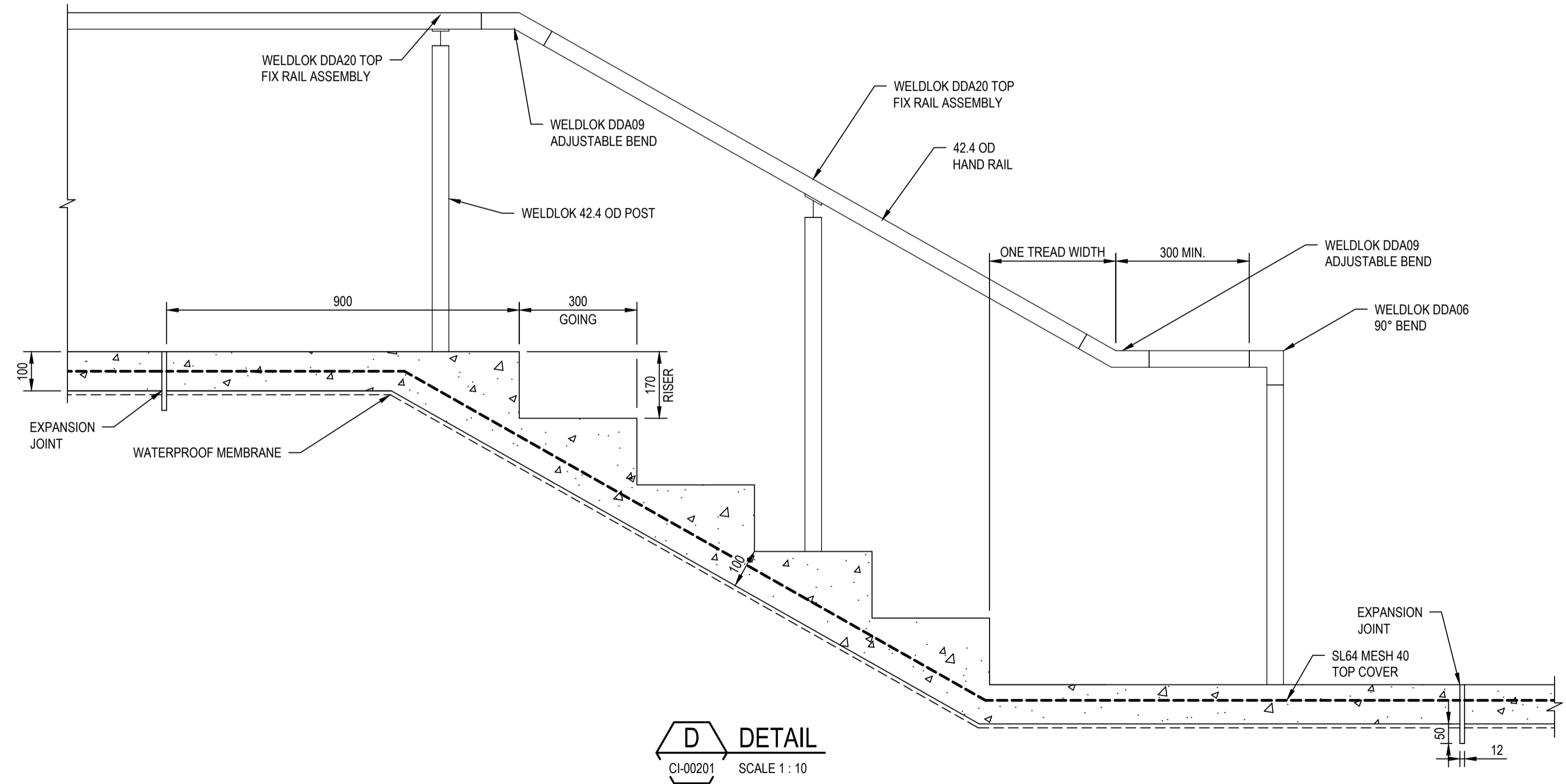
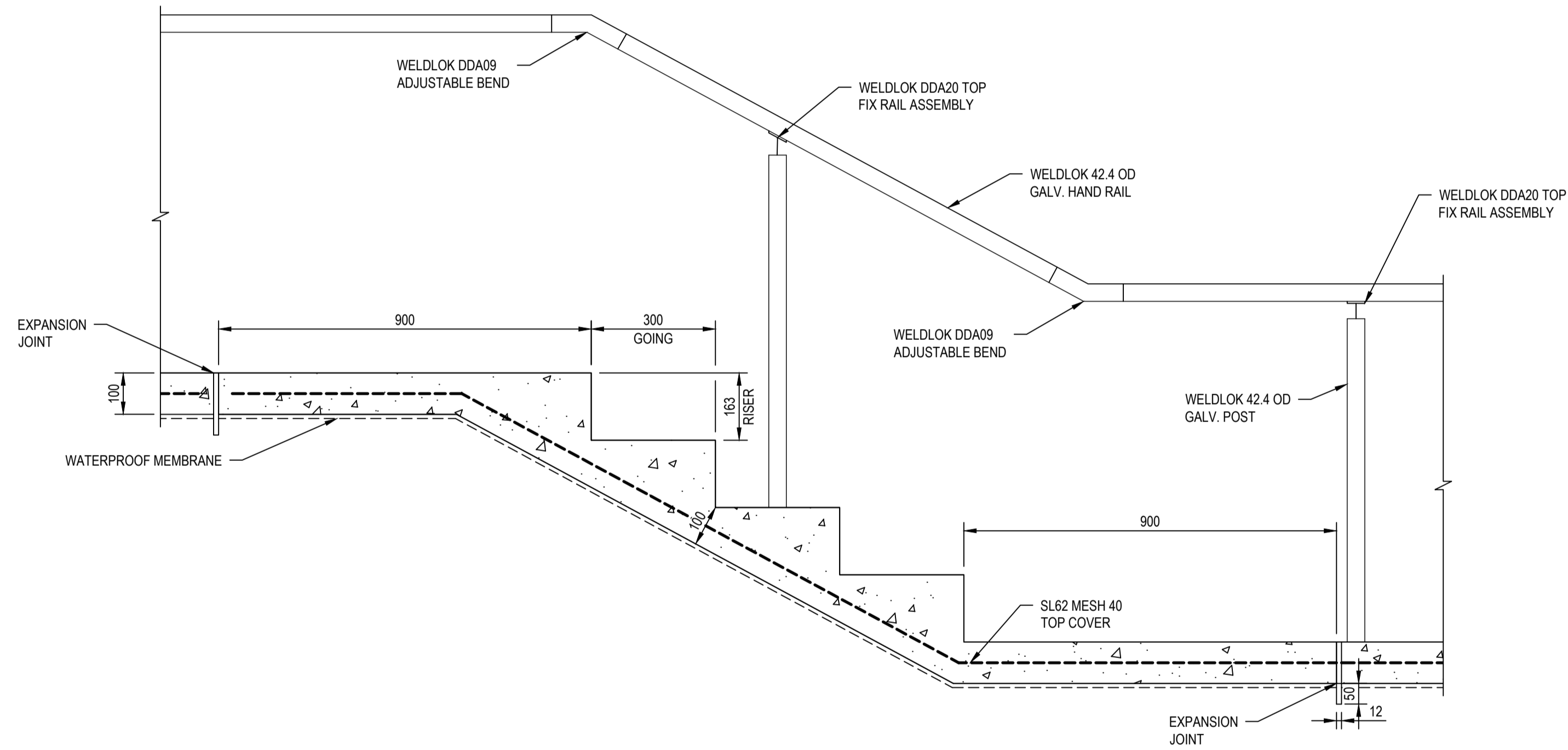
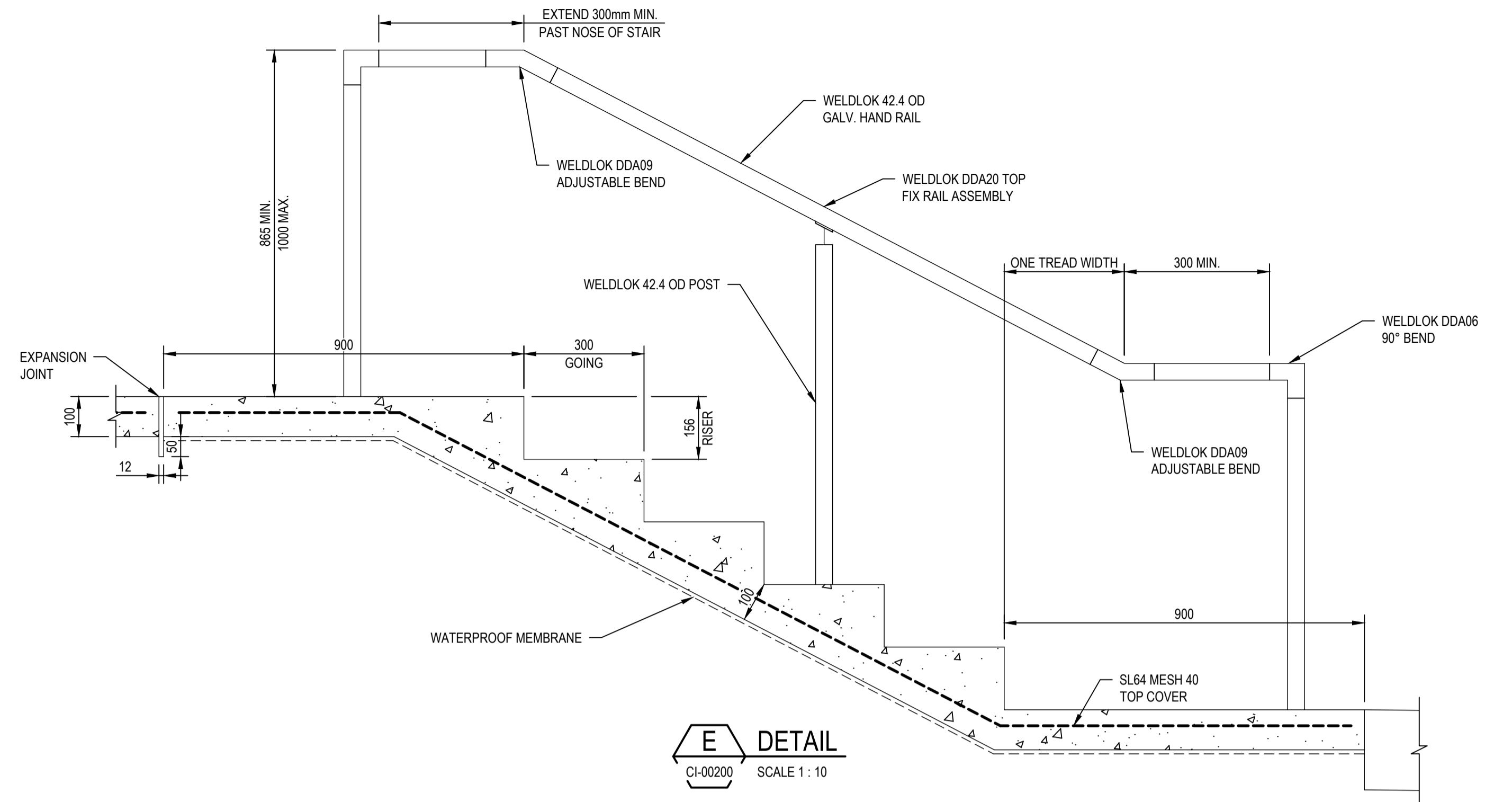
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Size  
A1

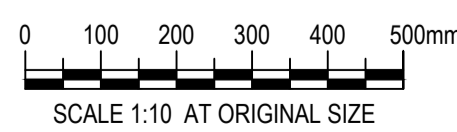
Rev  
P02

Plot Date: 8 February 2024 - 11:55 AM Plotted by: Steven Davies

Drawing No.



| P02 ISSUED FOR TENDER   | SA          | AK             | 08/02/24  |      |
|-------------------------|-------------|----------------|-----------|------|
| P01 ISSUED FOR APPROVAL | SA          | AK             | 01/09/23  |      |
| Rev                     | Description | Checked        | Approved  | Date |
| Author                  | S. DAVIES   | Drafting Check | A. KRAUSE |      |
| Designer                | B. BARTON   | Design Check   | A. KRAUSE |      |



Client SHIRE OF NORTHAMPTON  
 Project ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY  
 Status TENDER  
 Project No. 12596020

Drawing Title CONCRETE DETAILS SHEET 2 OF 2

12596020-GHD-01-02-DRG-ST-00101

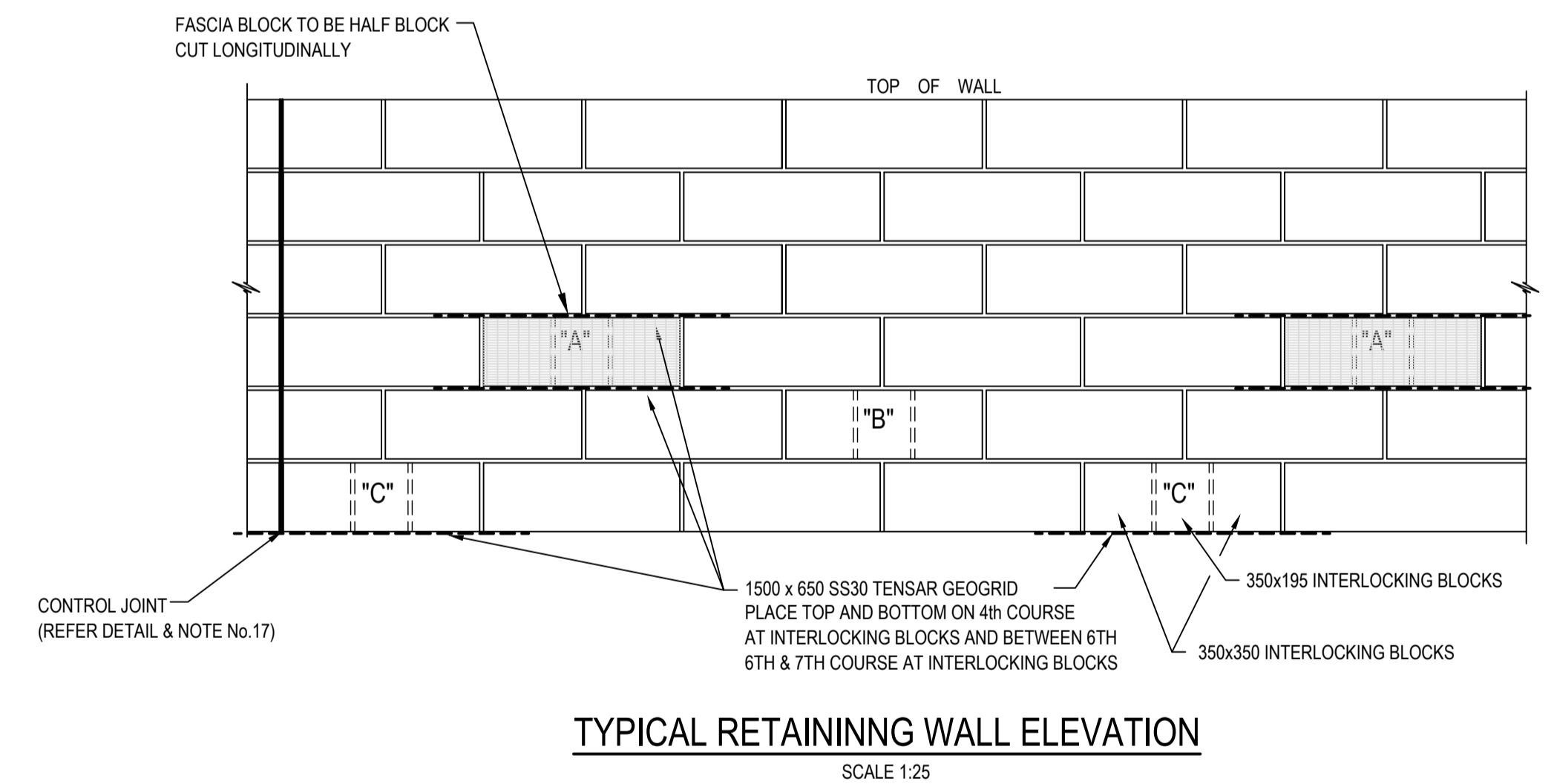
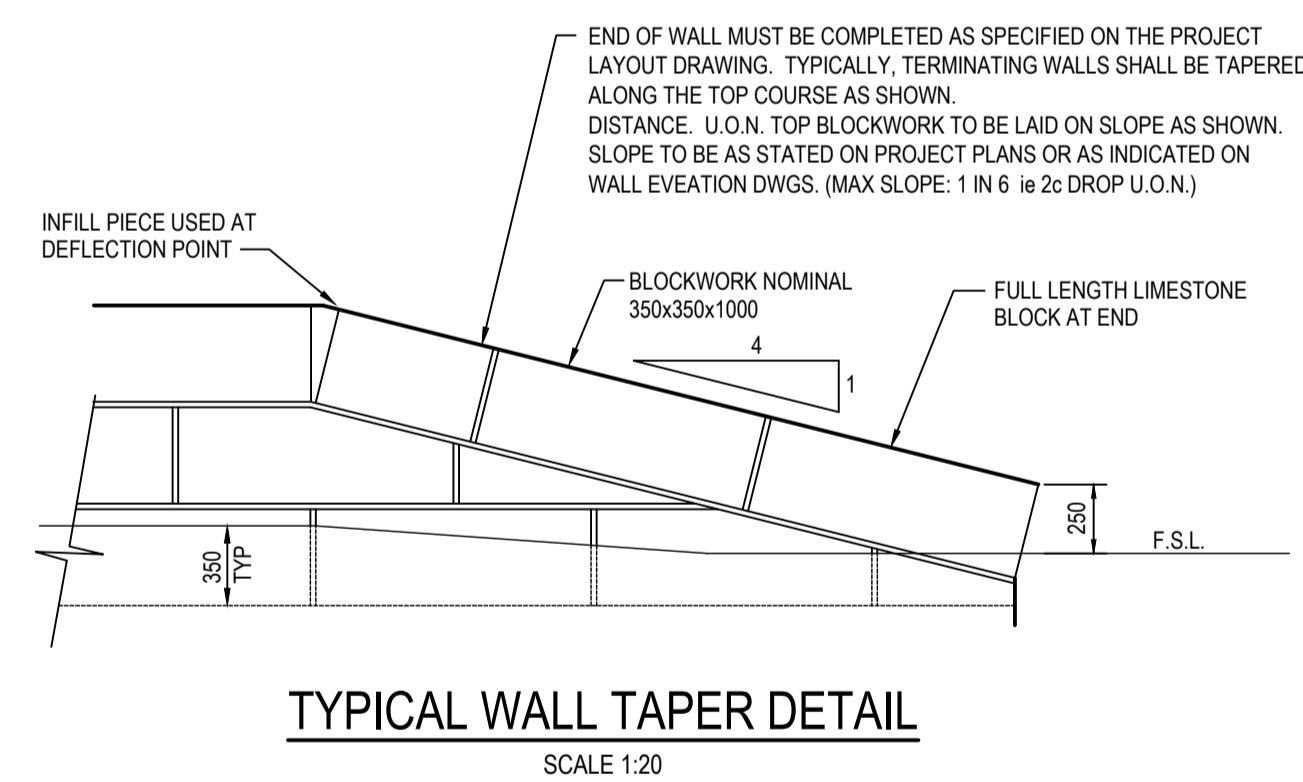
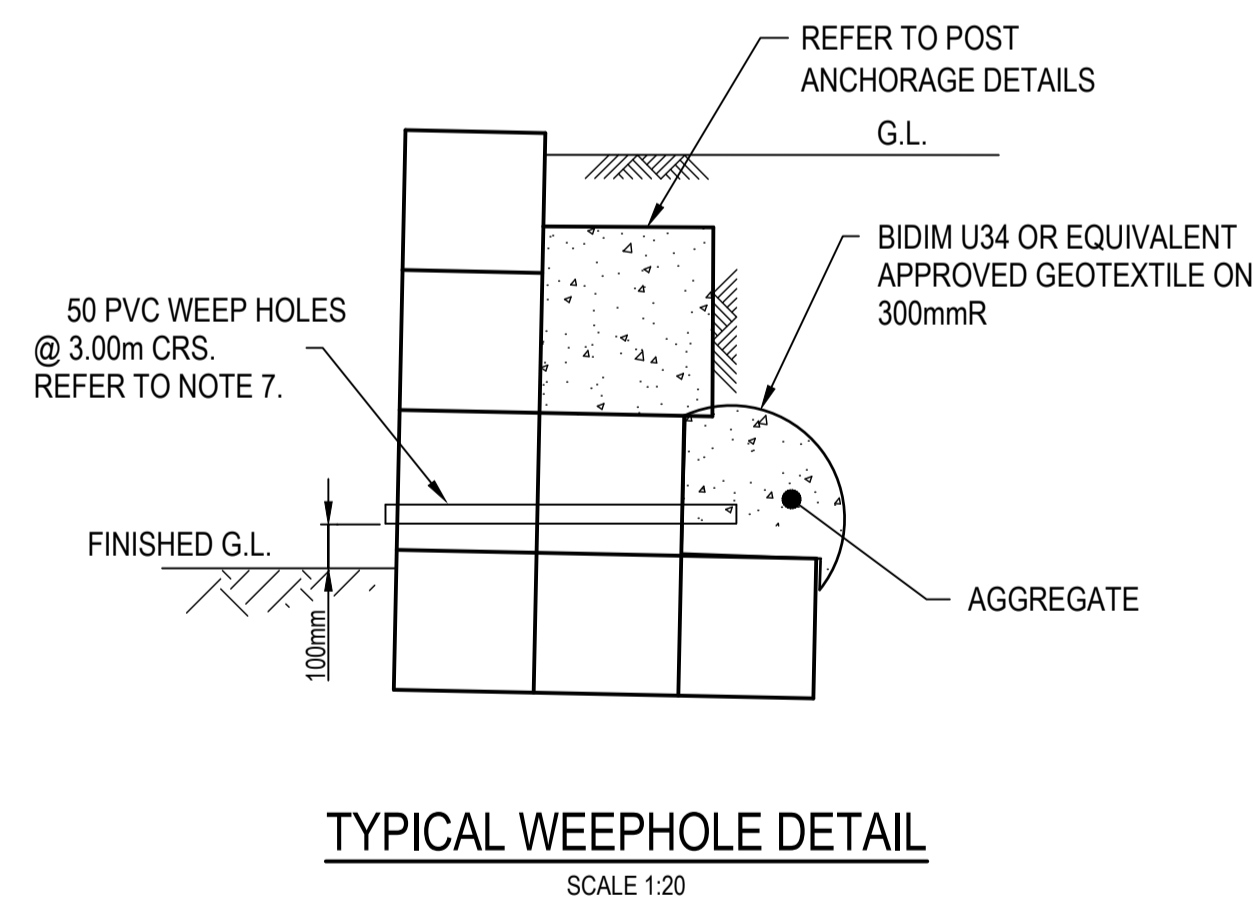
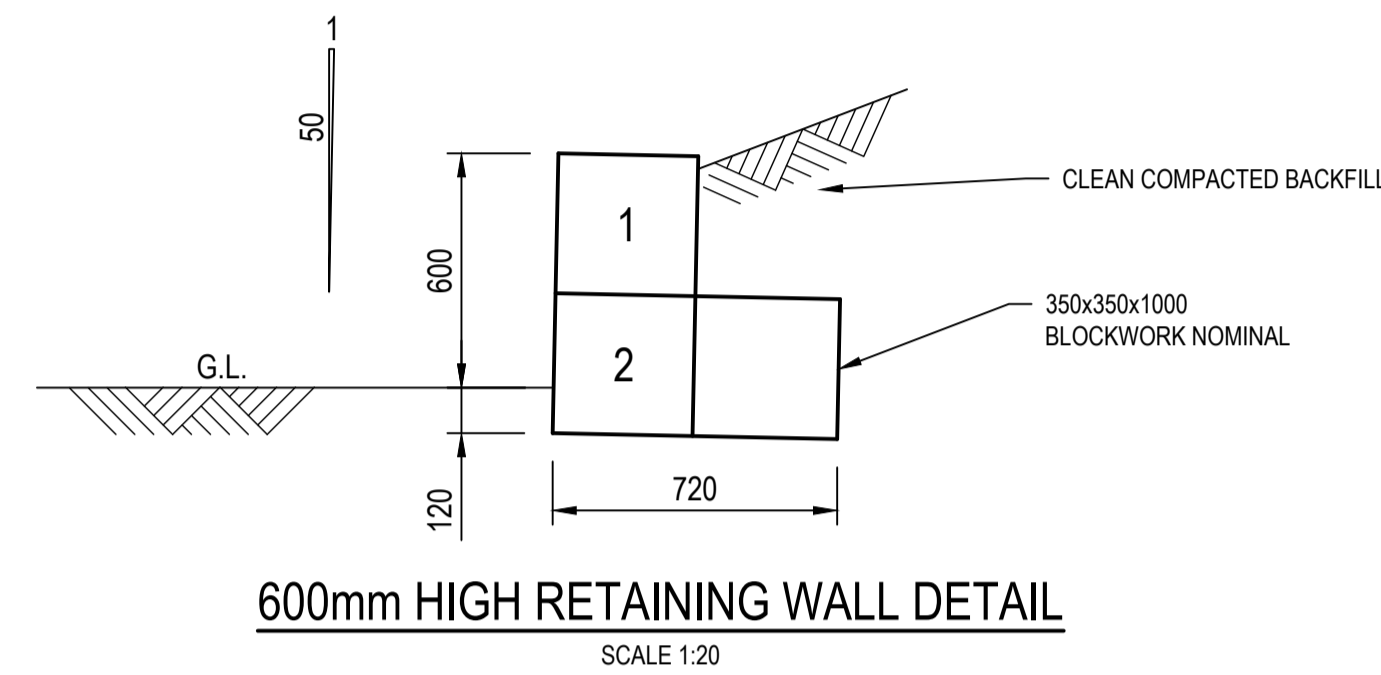
Size A1

Rev P02

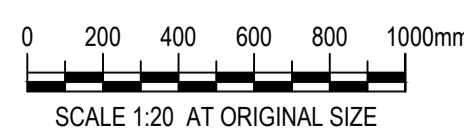
**NOTES**

1. ALL BLOCKS TO BE MINIMUM DENSITY OF 1800kg/m (DRY).
2. COMPLETED BLOCKWORK OF WALL TO BE OF THICKNESS NO LESS THAN MINIMUM PROFILE INDICATED.
3. GROUND FOR WALL FOOTING TO BE COMPACTED TO A MINIMUM OF 95% MODIFIED M.D.D. OR EQUIVALENT WITH TEST RESULTS INCLUDED IN QA DOCUMENTATION
4. ALL BLOCK JOINTS TO BE VERTICAL OR HORIZONTAL (NOT SLOPED) 30mm (MAX) ROLLED JOINTS, MORTAR TO BE 1:1.6 FACE JOINTS TO BE MATCHING MORTAR.
5. WEEP HOLES TO BE CONSTRUCTED IN WALLS WHEN FOOTING IS IN ROCK, CAPSTONE OR WHERE FOOTINGS ARE PLACED ON LESS THAN 600mm OF SAND.
6. THREE COATS OF NON SACRIFICIAL ANTI GRAFFITI COATING IS TO BE APPLIED TO WALLS FACING A ROAD, P.A.W. DRAINAGE SUMP OR P.O.S.
7. FOR ANY OTHER WALLS, DIFFERENT TO WALL SECTIONS ON THIS DRAWING CONSULT THE ENGINEERS.
8. CONTRACTOR TO LIAISE WITH LOCAL AUTHORITY TO OBTAIN BUILDING LICENSE FOR ALL RETAINING WALLS.
9. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH RETAINING WALL LONGITUDINAL SECTION PLANS.
10. LOCATION OF CONTROL JOINT IN BLOCK RETAINING WALLS TO BE APPROVED BY SUPERINTENDENT PRIOR TO WALL CONSTRUCTION. (CONTROL JOINTS AT 20.00m NOM)
11. RETAINING WALL NOT DESIGNED FOR TRUCK LOADING.
12. HEAVY COMPACTION EQUIPMENT TO BE USED AT A MINIMUM OF 1.5m AWAY FROM THE REAR FACE OF RETAINING WALL.
13. USE LIGHTWIGHT COMPACTOR BEHIND WALL.

DETAILS SHOWN ARE FOR RECONSTITUTED LIMESTONE AND "BLOK-NATURAL EARTH" BLOCKS



|                         |                    |                       |                             |
|-------------------------|--------------------|-----------------------|-----------------------------|
| P02 ISSUED FOR TENDER   | SA                 | AK                    | 08/02/24                    |
| P01 ISSUED FOR APPROVAL | SA                 | AK                    | 01/09/23                    |
| <b>Rev</b>              | <b>Description</b> | <b>Checked</b>        | <b>Approved</b> <b>Date</b> |
| <b>Author</b>           | S. DAVIES          | <b>Drafting Check</b> | A. KRAUSE                   |
| <b>Designer</b>         | B. BARTON          | <b>Design Check</b>   | A. KRAUSE                   |



|         |  |
|---------|--|
| Client  | SHIRE OF NORTHAMPTON   |
| Project | ANCHORAGE LANE TEMPORARY OVERFLOW WORKERS CARAVAN ACCOMMODATION FACILITY |
| Status  | TENDER   |

Drawing Title: TYPICAL RETAINING WALL DETAILS

Size: A1

12596020-GHD-01-02-DRG-ST-00200

Rev: P02