

# BORROLOOLA AIRPORT ABLUTION BLOCK

## LOT 378 BORROLOOLA NT

### SCHEDULE OF DRAWINGS

- H00 TITLE SHEET, LEGENDS AND NOTES, SCHEDULE OF DRAWINGS
- H001 OVERALL SITE PLAN - SANITARY DRAINAGE
- H002 DETAIL SITE PLAN - SANITARY DRAINAGE
- H003 DETAIL SITE PLAN - POTABLE WATER
- H004 DETAIL FLOOR PLANS
- H005 DETAIL SHEET

### LEGEND

- |                                     |   |                        |
|-------------------------------------|---|------------------------|
| TV  TEMPERING VALVE                 | MI  MINI ISOLATION VALVE                              | BTS  BOLTED TRAP SCREW |
| HWU  HOT WATER UNIT                 | WP  WATER POINTS                                      | IO  INSPECTION OPENING |
| HT  HOSE TAP                        | P  PUMP   | VP  VENT PIPE          |
| FHR  FIRE HOSE REEL                 | IV  ISOLATION VALVE COMPLETE WITH CAST IRON VALVE BOX | TU  TUNDISH            |
| CM  CHANGE OF MATERIAL              |   | DIRECTION OF FLOW      |
| IOS  INSPECTION OPENING SURFACE     | AAV  AIR ADMITTANCE VALVE                             |                        |
| IOJ  INSPECTION OPENING TO JUNCTION | FW  FLOOR WASTE GULLY                                 |                        |
| ORG  OVERFLOW RELIEF GULLY          | BT  BUCKET TRAP                                       |                        |
| DT  DISCONNECTOR TRAP               |   |                        |



SITE LOCATION PLAN  
NOT TO SCALE

### PIPELINES

- EXISTING SERVICE (TO BE SPECIFIED)
- SANITARY DRAINAGE
- POTABLE WATER

### GENERAL NOTES

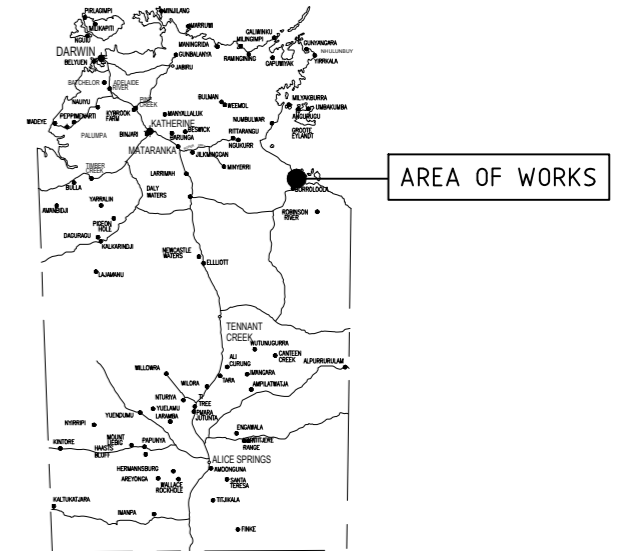
- G1 ALL PLUMBING INSTALLATION WORK MUST BE CARRIED OUT BY REGISTERED PLUMBERS WITH A CURRENT N.T. PLUMBING LICENCE IN ACCORDANCE WITH A.S.3500, N.T. BUILDING REGULATIONS.
- G2 APPROVED DRAWINGS INDICATE THE INTENDED SERVICE INSTALLATION DIAGRAMMATICALLY. DO NOT SCALE DRAWINGS. SET OUT ALL WORK TO SUIT ACTUAL ON-SITE DIMENSIONS.
- G3 ALL IN-GROUND DRAIN LINES ARE TO BE SUPPORTED ON AN APPROVED BEDDING MATERIAL OR A SOLID GROUND BASE. ANY OVER EXCAVATION MUST BE BACKFILLED WITH GRANULAR MATERIAL AND COMPACTED TO 95% MDD.
- G4 ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- G5 ALL FIXTURES AND ITEMS OF EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS. ALL PRODUCTS AND MATERIALS USED MUST HAVE APPROVED AUSTRALIAN WATERMARK.
- G6 PLUMBING CONTRACTOR TO PROVIDE A 'SECTION 40' CERTIFICATION CERTIFICATE ON COMPLETION OF CONSTRUCTION OF PLUMBING AND DRAINAGE WORK.
- G7 WITNESS POINT INSPECTIONS ARE TO BE FEE BASED PER SITE VISIT.

### SAFETY IN DESIGN NOTES:

1. SITE ACCESS - SPECIFIC WORKING AREA  
SPECIFIC MATERIALS LAY-DOWN AREA  
WET WEATHER RUNOFF DIVERSION, DISTRIBUTION AND SEDIMENT CONTROL
2. TRENCHING AND HEAVY MACHINERY USE  
EXISTING SERVICES LOCATIONS ARE TO BE CONFIRMED PRIOR TO WORKS COMMENCING  
SPECIFIC SITE LAYOUT IN RELATION TO MOVEMENT AND STORAGE OF HEAVY MACHINERY  
TRENCH SHORING OR BENCHING TO BE APPLIED WITH ANY TRENCH OVER A DEPTH OF 1.5M  
PROTECTION BARRIERS ARE TO BE INSTALLED TO OPEN TRENCHING  
TIMING OF EXCAVATION - REINSTATE TRENCHES AS SOON AS POSSIBLE  
COORDINATION OF EXCAVATION - WORK IN COORDINATION WITH OTHER TRADES
3. GENERAL SITE CARE AND CONSIDERATION  
THE CONTRACTOR IS TO MANAGE NOISE SUPPRESSION WITH WORK METHOD STATEMENTS  
THE CONTRACTOR IS TO MANAGE DUST SUPPRESSION WITH WORK METHOD STATEMENTS  
OCCUPIED BUILDING USE CONCERNS - ENSURE MINIMAL DISRUPTION TO PATROMNS  
WEATHER CONDITIONS - MONITOR WEATHER FORECASTS FOR PROJECT PLANNING  
ENVIRONMENT - RUBBISH CONTROL PLAN IS TO BE IMPLEMENTED  
STAFF AMENITIES - PROVIDE ON-SITE PORTABLE TOILETS FOR WORKERS

### ABBREVIATIONS

- LEVEL**
- FFL FINISHED FLOOR LEVEL
  - FSL FINISHED SURFACE LEVEL
- MATERIAL**
- Cu COPPER
  - PE POLYETHYLENE
  - uPVC UNPLASTICISED POLYVINYLCHLORIDE
  - HDPE HIGH DENSITY POLYETHYLENE
  - GSP GALVANISED STEEL PIPE
- MISCELLANEOUS**
- UNO UNLESS NOTED OTHERWISE
  - DB DISTRIBUTION BOX
  - AWTS AERATED WASTEWATER TREATMENT SYSTEM
  - SPS SEWER PUMP STATION
  - MDD MAXIMUM DRY DENSITY
  - WMS WASTEWATER MANAGEMENT SYSTEM
  - IV INDEXING VALVE
  - RGRC ROPER GULF REGIONAL COUNCIL
  - ST SEPTIC TANK
  - DP DUMP POINT
  - CM CHANGE OF MATERIAL
  - LP LIGHT POLE



NOTE:  
ALL EXISTING SERVICES MAY NOT BE SHOWN IN THESE DOCUMENTS. IT IS THE PLUMBING CONTRACTORS RESPONSIBILITY TO LOCATE ALL OF EXISTING SERVICES

NOTE:  
PRIOR TO SUBMITTING THE TENDER FOR THIS PROJECT, IT IS ADVISED FOR THE PLUMBING CONTRACTOR TO VISIT SITE TO MEET WITH ROPER GULF REGIONAL COUNCIL PROJECT MANAGER TO UNDERSTAND THE EXISTING WASTEWATER SYSTEMS AND SERVICES. THE AIM IS TO REUSE ALL THE EXISTING SYSTEM CURRENTLY IN OPERATION. ALLOW TO INSPECT, AUDIT AND SERVICE EXISTING PLANT AND EQUIPMENT WHERE REQUIRED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A COMPLIANT WORKING WASTEWATER MANAGEMENT SYSTEM AT THE HANDOVER PHASE. ALLOW FOR TRAINING AND FULL AS-CON DOCUMENTS INCLUSIVE OF MAINTENANCE REGIME WITH PRODUCT INFORMATION MANUALS

NOTE  
ALL WORKS ARE TO BE PERFORMED WITH CULTURAL RESPECT WITH THE SITE RETURNED BACK TO THE ORIGINAL CONDITION DURING AND AFTER COMPLETION OF CONSTRUCTION. EXISTING TREES OR PLANTS ARE NOT TO BE REMOVED WITHOUT WRITTEN PERMISSION FROM THE RGRC. AVOID DAMAGE OR DISTURBANCE TO THE ORIGINAL TREES AND PLANTS WHILST WORKING ON SITE

Revision	Description	Issue Date
0	ISSUED FOR TENDER	03/04/2024



Architectural Water Solutions  
ABN 84 140 452 908  
P.O. Box 2112  
PARAP NT 0804

Do NOT scale from drawings. All dimensions to be verified on site prior to commencement of works. All existing services have been plotted from existing plans, exact location of existing services to be finalised on site prior to commencement of work. Drawings to be read in conjunction with other project drawings and specifications.

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PROJECT: BORROLOOLA AIRPORT ABLUTION BLOCK

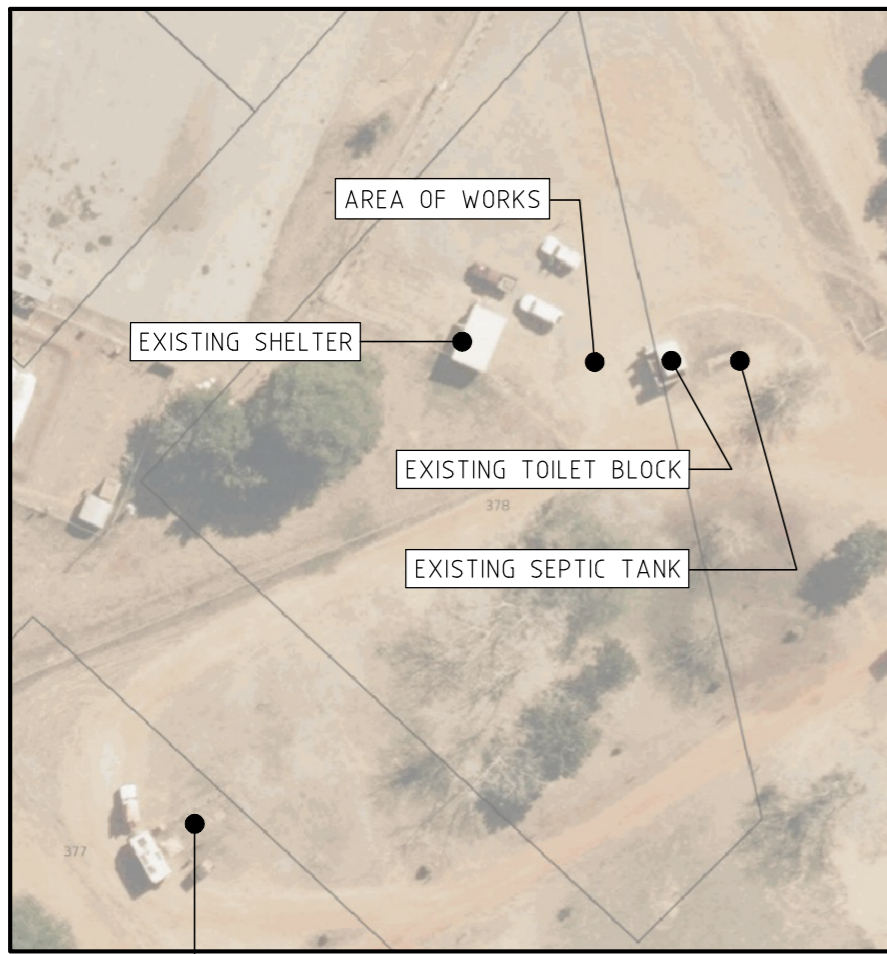
ADDRESS: LOT 378 BORROLOOLA NT

TITLE: TITLE SHEET, LEGEND AND NOTES, SCHEDULE OF DRAWINGS



ISSUED FOR TENDER

DATE 01/02/2024	SCALE AS SHOWN	A1
DRAWN RS	DESIGNED DM	CHECKED LM
AWS PROJECT NO. AWSD2532	DRAWING NUMBER H00	REV 0



AREA OF WORKS

EXISTING SHELTER

EXISTING TOILET BLOCK

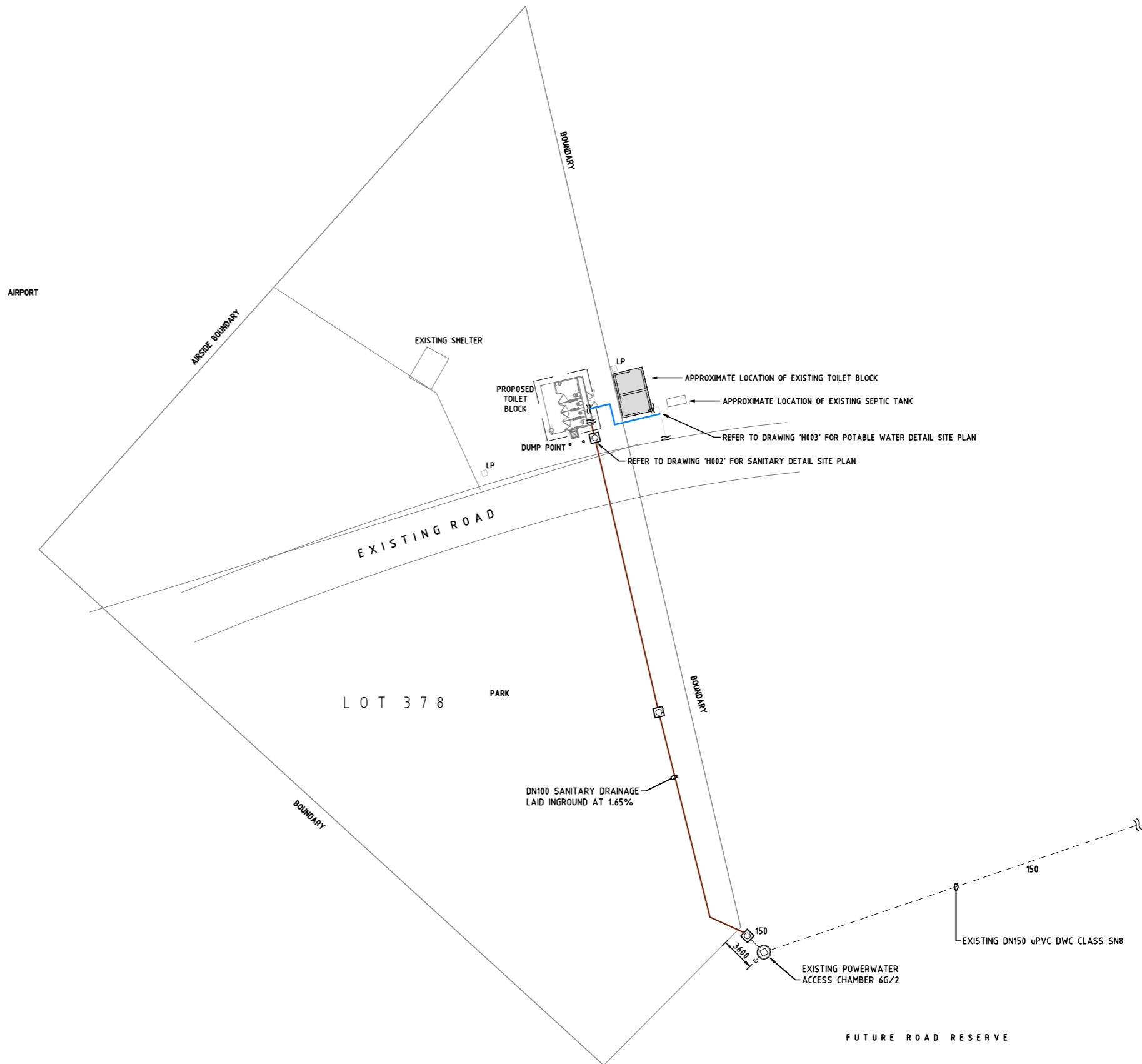
EXISTING SEPTIC TANK

LOCALITY MAP  
NOT TO SCALE

EXISTING DUMP POINT

**NOTE:**

PLUMBING CONTRACTOR IS TO ALLOW TO MAKE REDUNDANT THE EXISTING CARAVAN DUMP POINT. DECOMMISSION ALL THE SERVICES. BACKFILL ALL EXISTING VOID WITH COMPACTED SOIL OR STABILIZED SAND. LEAVE SITE AND SOIL SURROUNDS AS A LEVEL SITE. ALLOW TO CAP OFF THE EXISTING WATER SERVICE POINT. ALL WORKS TO COMPLY AS3500. RECORD DEPTH AND LOCATION ON THE AS CONSTRUCTED DRAWINGS



SITE PLAN  
SANITARY DRAINAGE  
SCALE 1:250 AT A1

Scale 2.5 0 2.5 5 7.5 10 10.25 metres  
1:250 AT A1  
1:500 AT A3

Revision	Description	Issue Date
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PROJECT BORROLOOLA AIRPORT ABLUTION BLOCK  
ADDRESS LOT 378 BORROLOOLA NT  
TITLE SITE PLAN  
SANITARY DRAINAGE

ISSUED FOR TENDER			
DATE	SCALE	A1	
01/02/24	AS SHOWN		
DRAWN	DESIGNED	CHECKED	
RS	DM	LM	
AWS PROJECT NO.	DRAWING NUMBER	REV	
AWSD2532	H001	0	

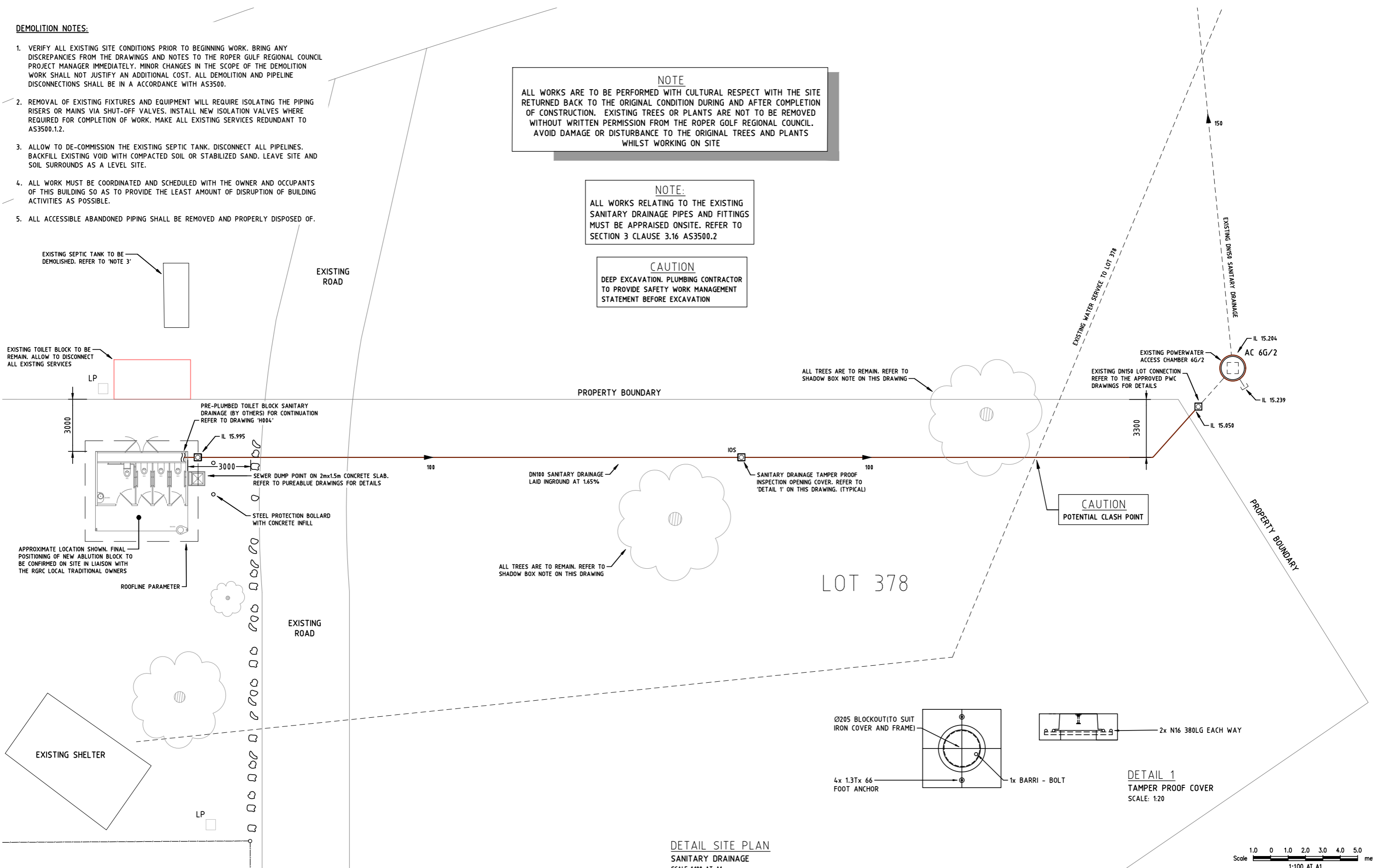
**DEMOLITION NOTES:**

1. VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO BEGINNING WORK. BRING ANY DISCREPANCIES FROM THE DRAWINGS AND NOTES TO THE ROPER GULF REGIONAL COUNCIL PROJECT MANAGER IMMEDIATELY. MINOR CHANGES IN THE SCOPE OF THE DEMOLITION WORK SHALL NOT JUSTIFY AN ADDITIONAL COST. ALL DEMOLITION AND PIPELINE DISCONNECTIONS SHALL BE IN ACCORDANCE WITH AS3500.
2. REMOVAL OF EXISTING FIXTURES AND EQUIPMENT WILL REQUIRE ISOLATING THE PIPING RISERS OR MAINS VIA SHUT-OFF VALVES. INSTALL NEW ISOLATION VALVES WHERE REQUIRED FOR COMPLETION OF WORK. MAKE ALL EXISTING SERVICES REDUNDANT TO AS3500.1.2.
3. ALLOW TO DE-COMMISSION THE EXISTING SEPTIC TANK. DISCONNECT ALL PIPELINES. BACKFILL EXISTING VOID WITH COMPACTED SOIL OR STABILIZED SAND. LEAVE SITE AND SOIL SURROUNDS AS A LEVEL SITE.
4. ALL WORK MUST BE COORDINATED AND SCHEDULED WITH THE OWNER AND OCCUPANTS OF THIS BUILDING SO AS TO PROVIDE THE LEAST AMOUNT OF DISRUPTION OF BUILDING ACTIVITIES AS POSSIBLE.
5. ALL ACCESSIBLE ABANDONED PIPING SHALL BE REMOVED AND PROPERLY DISPOSED OF.

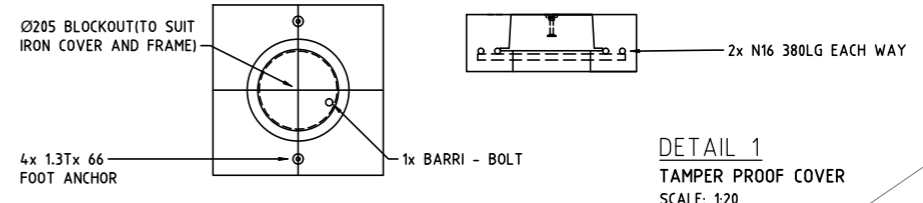
**NOTE**  
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**NOTE:**  
 ALL WORKS RELATING TO THE EXISTING SANITARY DRAINAGE PIPES AND FITTINGS MUST BE APPRAISED ONSITE. REFER TO SECTION 3 CLAUSE 3.16 AS3500.2

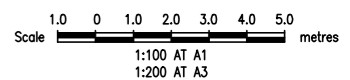
**CAUTION**  
 DEEP EXCAVATION. PLUMBING CONTRACTOR TO PROVIDE SAFETY WORK MANAGEMENT STATEMENT BEFORE EXCAVATION



LOT 378



**DETAIL SITE PLAN**  
 SANITARY DRAINAGE  
 SCALE 1:100 AT A1



0	ISSUED FOR TENDER	03/04/2024
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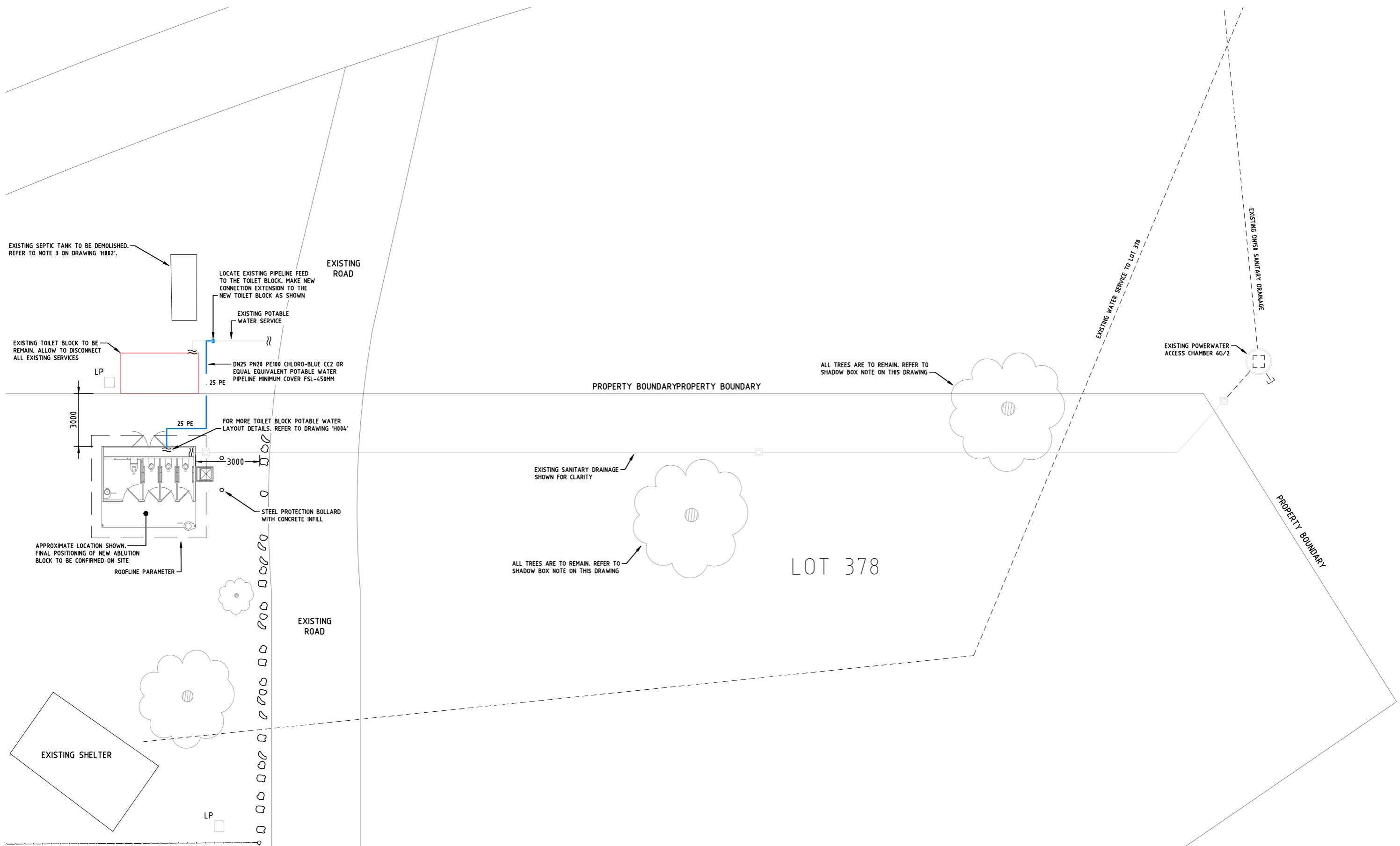
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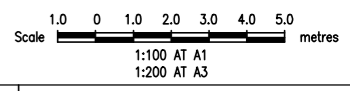
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PROJECT: BORROLOOLA AIRPORT ABLUTION BLOCK  
 ADDRESS: LOT 378 BORROLOOLA NT  
 TITLE: **DETAIL SITE PLAN  
 SANITARY DRAINAGE**

<b>ISSUED FOR TENDER</b>		
DATE 01/02/24	SCALE AS SHOWN	A1
DRAWN RS	DESIGNED DM	CHECKED LM
AWS PROJECT NO. AWSD2532	DRAWING NUMBER H002	REV 0



DETAIL SITE PLAN  
 POTABLE WATER  
 SCALE 1:100 AT A1



Revision	Description	Issue Date
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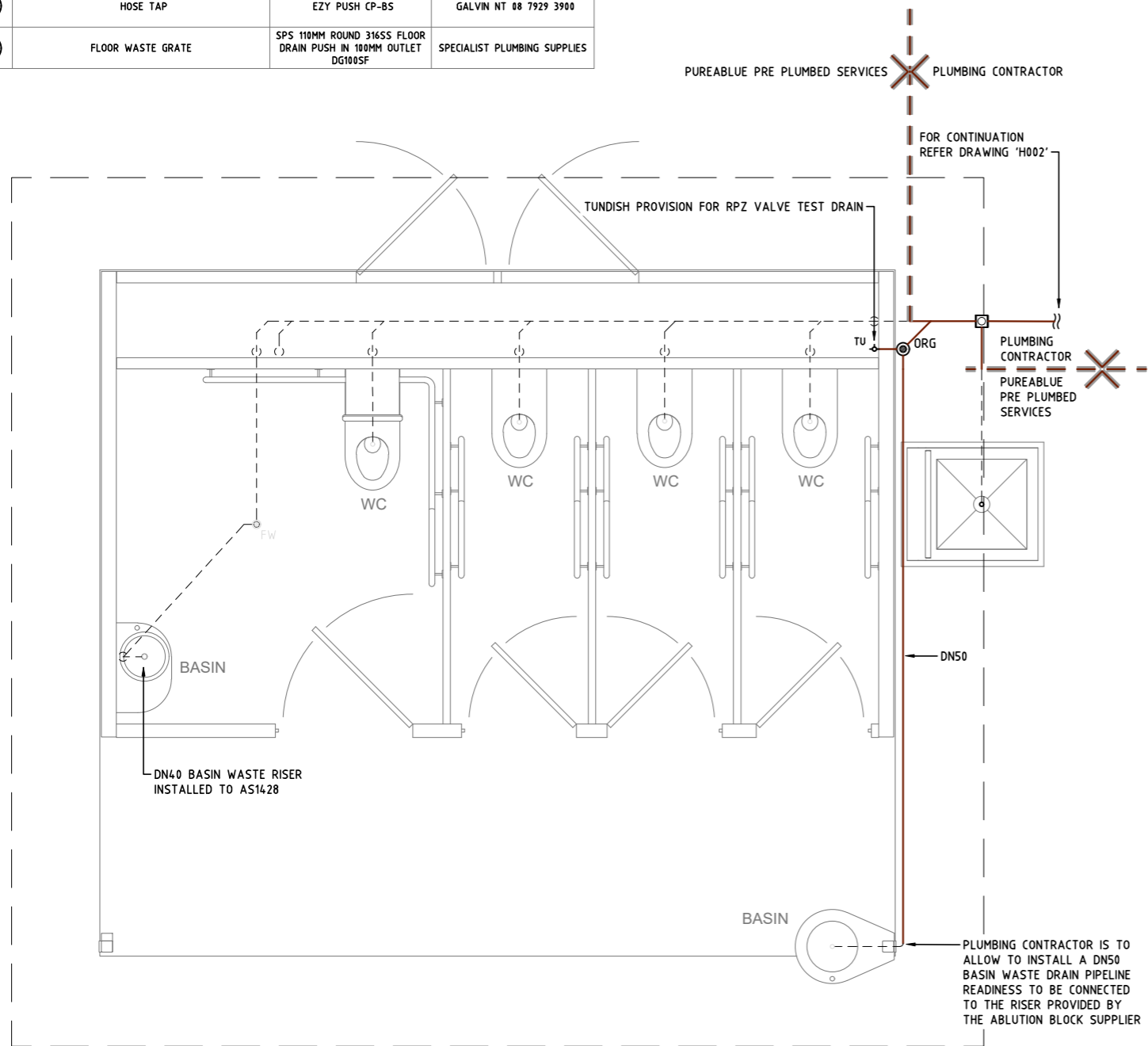
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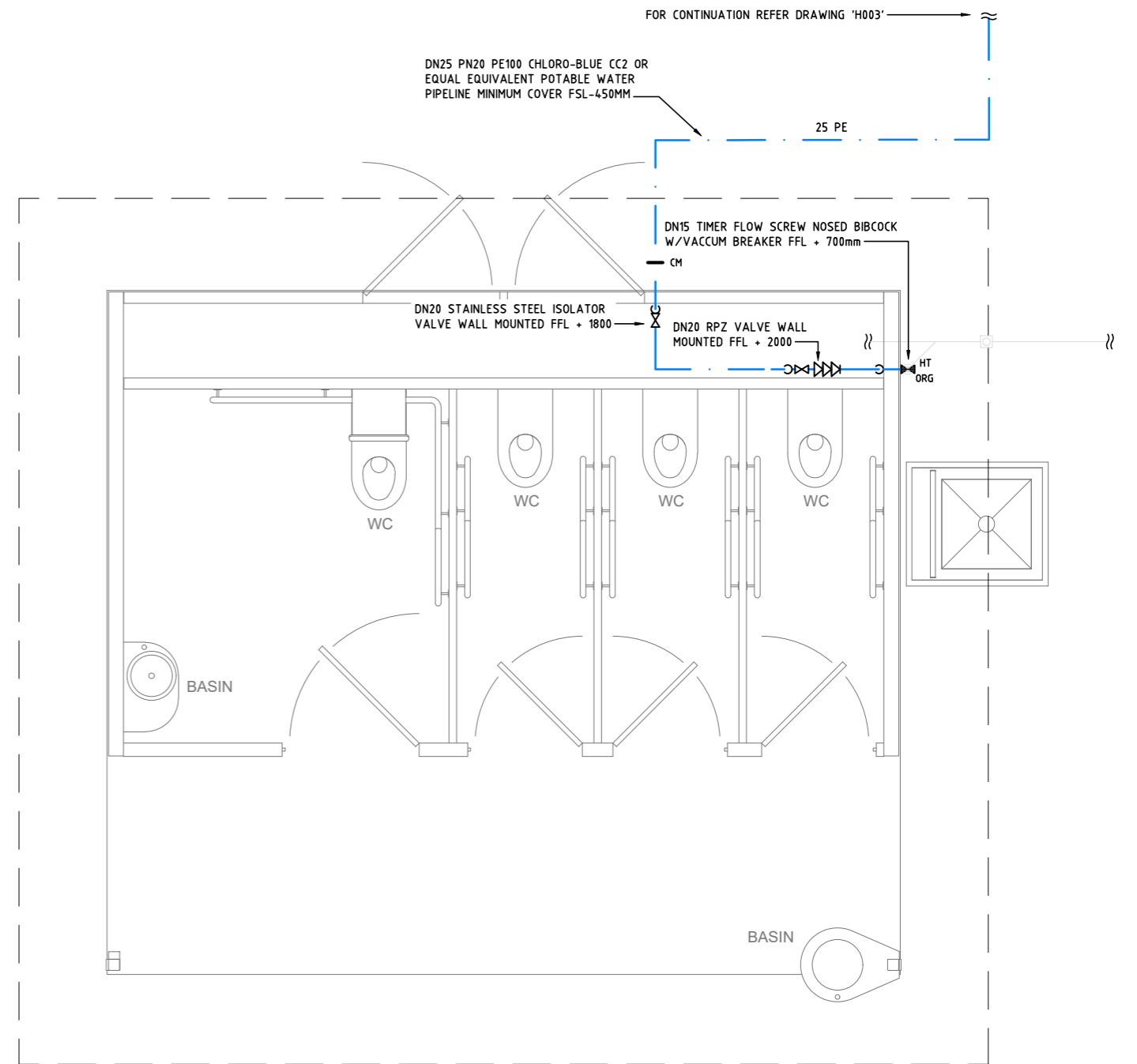
PROJECT: BORROLOOLA AIRPORT ABLUTION BLOCK  
 ADDRESS: LOT 378 BORROLOOLA NT  
 TITLE: DETAIL SITE PLAN POTABLE WATER

ISSUED FOR TENDER		
DATE	SCALE	A1
01/02/24	AS SHOWN	
DRAWN	DESIGNED	CHECKED
RS	DM	DM
AWS PROJECT NO.	DRAWING NUMBER	REV
AWSD2532	H003	0

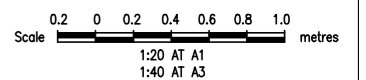
PLANT - EQUIPMENT SCHEDULE			
No	EQUIPMENT	MODEL	MANUFACTURER
1	LEVEL INVERT TAPER TUNDISH	DWV PVC LEVEL INVERT TAPER M&F 100X56	HOLMAN 1300 716 188
2	TAMPER ROOF INSPECTION OPENING	BRASS PLATE WITH CONCRETE SURROUND	ALLCAST NT 08 87471154
3	OVERFLOW RELIEF GULLY GRATE	100X80 BSP STAINLESS STEEL	GALVIN NT 08 7929 3900
4	HOSE TAP	EZY PUSH CP-BS	GALVIN NT 08 7929 3900
5	FLOOR WASTE GRATE	SPS 110MM ROUND 316SS FLOOR DRAIN PUSH IN 100MM OUTLET DG100SF	SPECIALIST PLUMBING SUPPLIES



FLOOR PLAN  
SANITARY LAYOUT  
SCALE 1:20 AT A1



FLOOR PLAN  
POTABLE WATER LAYOUT  
SCALE 1:20 AT A1



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PROJECT: BORROLOOLA AIRPORT ABLUTION BLOCK

ADDRESS: LOT 378 BORROLOOLA NT

TITLE: DETAIL FLOOR PLANS

ISSUED FOR TENDER		
DATE 01/02/24	SCALE AS SHOWN	A1
DRAWN RS	DESIGNED DM	CHECKED DM
AWS PROJECT NO. AWS2532	DRAWING NUMBER H004	REV 0

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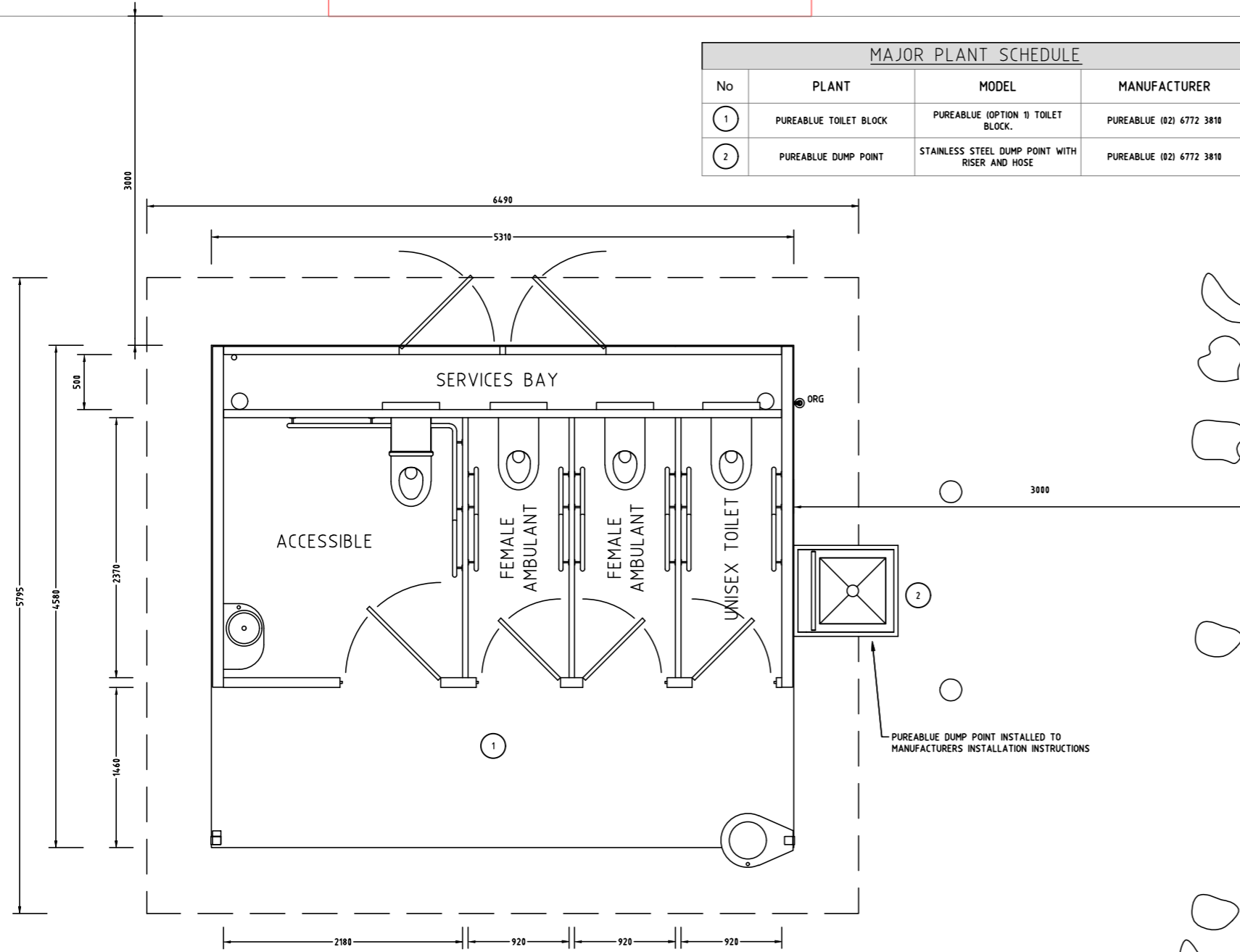
LP

EXISTING TOILET BLOCK

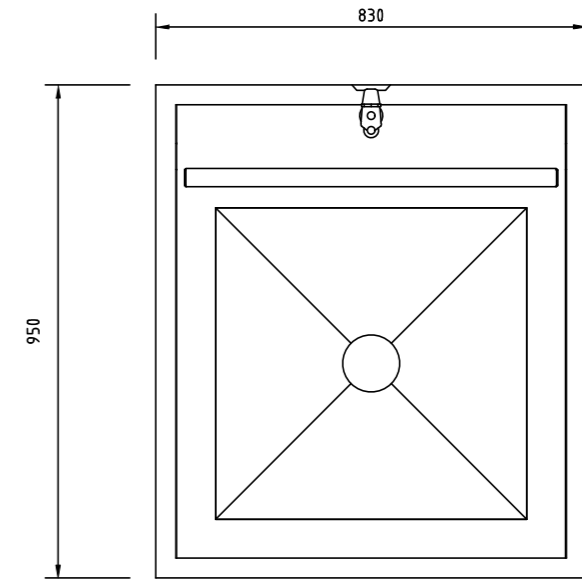
EXISTING TOILET BLOCK TO BE REMAIN  
ALLOW TO DISCONNECT ALL EXISTING  
SERVICES. REFER TO DEMOLITION  
NOTES ON DRAWING 'H002'

MAJOR PLANT SCHEDULE

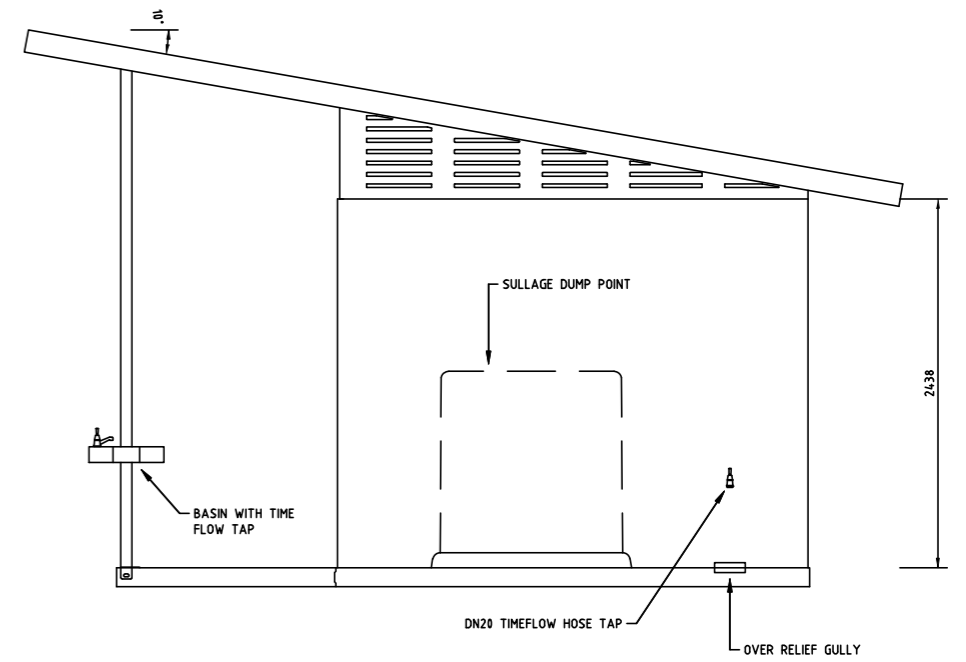
No	PLANT	MODEL	MANUFACTURER
1	PUREABLUETOILET BLOCK	PUREABLUETOILET (OPTION 1) TOILET BLOCK.	PUREABLUETOILET (02) 6772 3810
2	PUREABLUEDUMP POINT	STAINLESS STEEL DUMP POINT WITH RISER AND HOSE	PUREABLUETOILET (02) 6772 3810



PUREABLUETOILET BLOCK FLOOR PLAN  
DETAIL LAYOUT  
SCALE 1:25 AT A1



PUREABLUEDUMP POINT  
TOP VIEW  
SCALE NTS



PUREABLUETOILET BLOCK SIDE VIEW  
DETAIL  
SCALE 1:25 AT A1

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PROJECT: BORROLOOLA AIRPORT ABLUTION BLOCK

ADDRESS: LOT 378 BORROLOOLA NT

TITLE: DETAIL SHEET

ISSUED FOR TENDER

DATE 28/03/24	SCALE AS SHOWN	A1
DRAWN RS	DESIGNED DM	CHECKED LM
AWS PROJECT NO. AWSD2532	DRAWING NUMBER H005	REV 0