

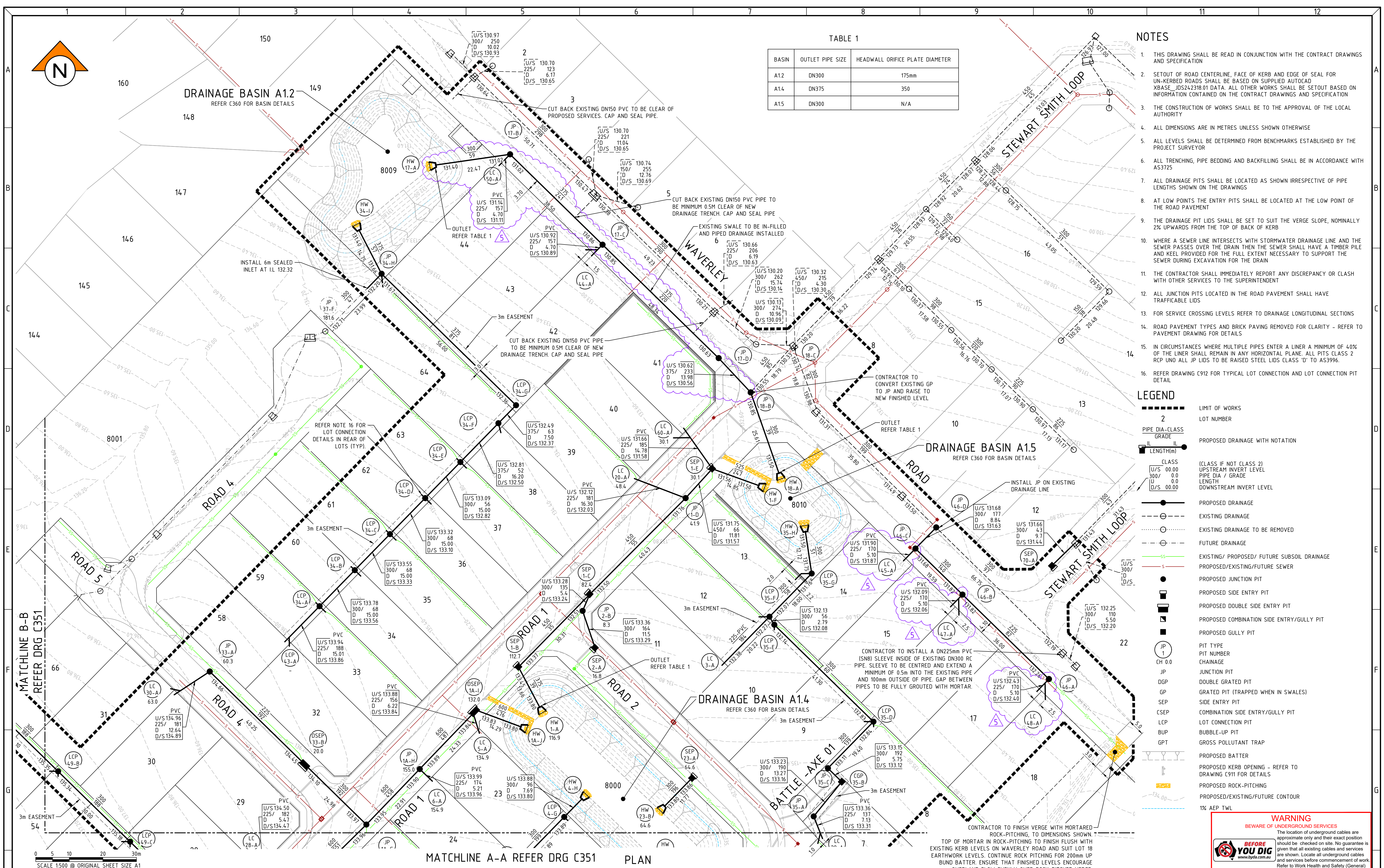


TABLE 1		
BASIN	OUTLET PIPE SIZE	HEADWALL ORIFICE PLATE DIAMETER
A1.2	DN300	175mm
A1.4	DN375	350
A1.5	DN300	N/A

- NOTES**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DRAWINGS AND SPECIFICATION
 - SETOUT OF ROAD CENTERLINE, FACE OF KERB AND EDGE OF SEAL FOR UN-VERBED ROADS SHALL BE BASED ON SUPPLIED AUTOCAD XBASE_JDS242318.01 DATA. ALL OTHER WORKS SHALL BE SETOUT BASED ON INFORMATION CONTAINED ON THE CONTRACT DRAWINGS AND SPECIFICATION
 - THE CONSTRUCTION OF WORKS SHALL BE TO THE APPROVAL OF THE LOCAL AUTHORITY
 - ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE
 - ALL LEVELS SHALL BE DETERMINED FROM BENCHMARKS ESTABLISHED BY THE PROJECT SURVEYOR
 - ALL TRENCHING, PIPE BEDDING AND BACKFILLING SHALL BE IN ACCORDANCE WITH AS3725
 - ALL DRAINAGE PITS SHALL BE LOCATED AS SHOWN IRRESPECTIVE OF PIPE LENGTHS SHOWN ON THE DRAWINGS
 - AT LOW POINTS THE ENTRY PITS SHALL BE LOCATED AT THE LOW POINT OF THE ROAD PAVEMENT
 - THE DRAINAGE PIT LIDS SHALL BE SET TO SUIT THE VERGE SLOPE, NOMINALLY 2% UPWARDS FROM THE TOP OF BACK OF KERB
 - WHERE A SEWER LINE INTERSECTS WITH STORMWATER DRAINAGE LINE AND THE SEWER PASSES OVER THE DRAIN THEN THE SEWER SHALL HAVE A TIMBER PILE AND KEEL PROVIDED FOR THE FULL EXTENT NECESSARY TO SUPPORT THE SEWER DURING EXCAVATION FOR THE DRAIN
 - THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY OR CLASH WITH OTHER SERVICES TO THE SUPERINTENDENT
 - ALL JUNCTION PITS LOCATED IN THE ROAD PAVEMENT SHALL HAVE TRAFFICABLE LIDS
 - FOR SERVICE CROSSING LEVELS REFER TO DRAINAGE LONGITUDINAL SECTIONS
 - ROAD PAVEMENT TYPES AND BRICK PAVING REMOVED FOR CLARITY - REFER TO PAVEMENT DRAWING FOR DETAILS
 - IN CIRCUMSTANCES WHERE MULTIPLE PIPES ENTER A LINER A MINIMUM OF 40% OF THE LINER SHALL REMAIN IN ANY HORIZONTAL PLANE. ALL PITS CLASS 2 RCP UNO ALL JP LIDS TO BE RAISED STEEL LIDS CLASS 'D' TO AS3996.
 - REFER DRAWING C912 FOR TYPICAL LOT CONNECTION AND LOT CONNECTION PIT DETAIL

- LEGEND**
- LIMIT OF WORKS
 - 2 LOT NUMBER
 - PIPE DIA-CLASS GRADE
 - LENGTH(m)
 - CLASS (CLASS IF NOT CLASS 2) UPSTREAM INVERT LEVEL PIPE DIA / GRADE LENGTH DOWNSTREAM INVERT LEVEL
 - PROPOSED DRAINAGE
 - EXISTING DRAINAGE
 - EXISTING DRAINAGE TO BE REMOVED
 - FUTURE DRAINAGE
 - EXISTING/ PROPOSED/ FUTURE SUBSOIL DRAINAGE
 - PROPOSED/EXISTING/FUTURE SEWER
 - PROPOSED JUNCTION PIT
 - PROPOSED SIDE ENTRY PIT
 - PROPOSED DOUBLE SIDE ENTRY PIT
 - PROPOSED COMBINATION SIDE ENTRY/GULLY PIT
 - PROPOSED GULLY PIT
 - PIT TYPE
 - PIT NUMBER
 - CHAINAGE
 - JUNCTION PIT
 - DOUBLE GRATED PIT
 - GRATED PIT (TRAPPED WHEN IN SWALES)
 - SIDE ENTRY PIT
 - COMBINATION SIDE ENTRY/GULLY PIT
 - LOT CONNECTION PIT
 - BUBBLE-UP PIT
 - GROSS POLLUTANT TRAP
 - PROPOSED BATTER
 - PROPOSED KERB OPENING - REFER TO DRAWING C911 FOR DETAILS
 - PROPOSED ROCK-PITCHING
 - PROPOSED/EXISTING/FUTURE CONTOUR
 - 1% AEP TWL

WARNING
BEWARE OF UNDERGROUND SERVICES

The location of underground cables are approximate only and their exact position should be checked on site. No guarantee is given that all existing cables and services are shown. Locate all underground cables and services before commencement of work. Refer to Work Health and Safety (General) Regulations 2022.

REV	DATE	BY	CHKD	APPD	DESCRIPTION
5	15.08.25	LV	BJW	BJW	MINOR AMENDMENTS
4	10.07.25	LV	BJW	BJW	DRAINAGE AMENDMENT FOR UPDATED PRECAL(REVISION P), OTHER MINOR AMENDMENTS
3	24.06.25	LV	BJW	BJW	AMENDED EARTHWORK LEVELS AS SHOWN
2	13.06.25	LV	BJW	BJW	BATTLE-AXE DRAINAGE AMENDMENT
1	05.06.25	LV	BJW	BJW	MINOR AMENDMENTS
0	16.05.25	LV	BJW	BJW	ISSUED FOR CONSTRUCTION
C	05.05.25	LV	BJW	BJW	FINAL SUBMISSION FOR APPROVAL
B	31.03.25	LV	BJW	BJW	ISSUE FOR INFORMATION
A	20.12.24	LV	BJW	BJW	INITIAL SUBMISSION FOR APPROVAL
REV	DATE	DRAWN	CHECKED	APPROVED	

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NOTE
This drawing shall be preliminary only until it is issued for Construction.
Certified Quality System to ISO 9001

CONSULTING ENGINEERS

CLIENT:

COWARAMUP - MASTERPLANNED COMMUNITY

PROJECT:
**LOT 500 WIRING ROAD
COWARAMUP STAGE 01A**

DRAWING TITLE:
**DRAINAGE PLAN
SHEET 1**

DRAWN L.VU	WAPC No. 200656
DESIGNED L.VU	SCALE @ A1 1:500
PROJECT MANAGER B.WASHFOLD	DATUM AHD71
JDSi PROJECT No. JDS24-2318.01A	CO-ORDS MRCG94
DRAWING No. C350	REVISION 5