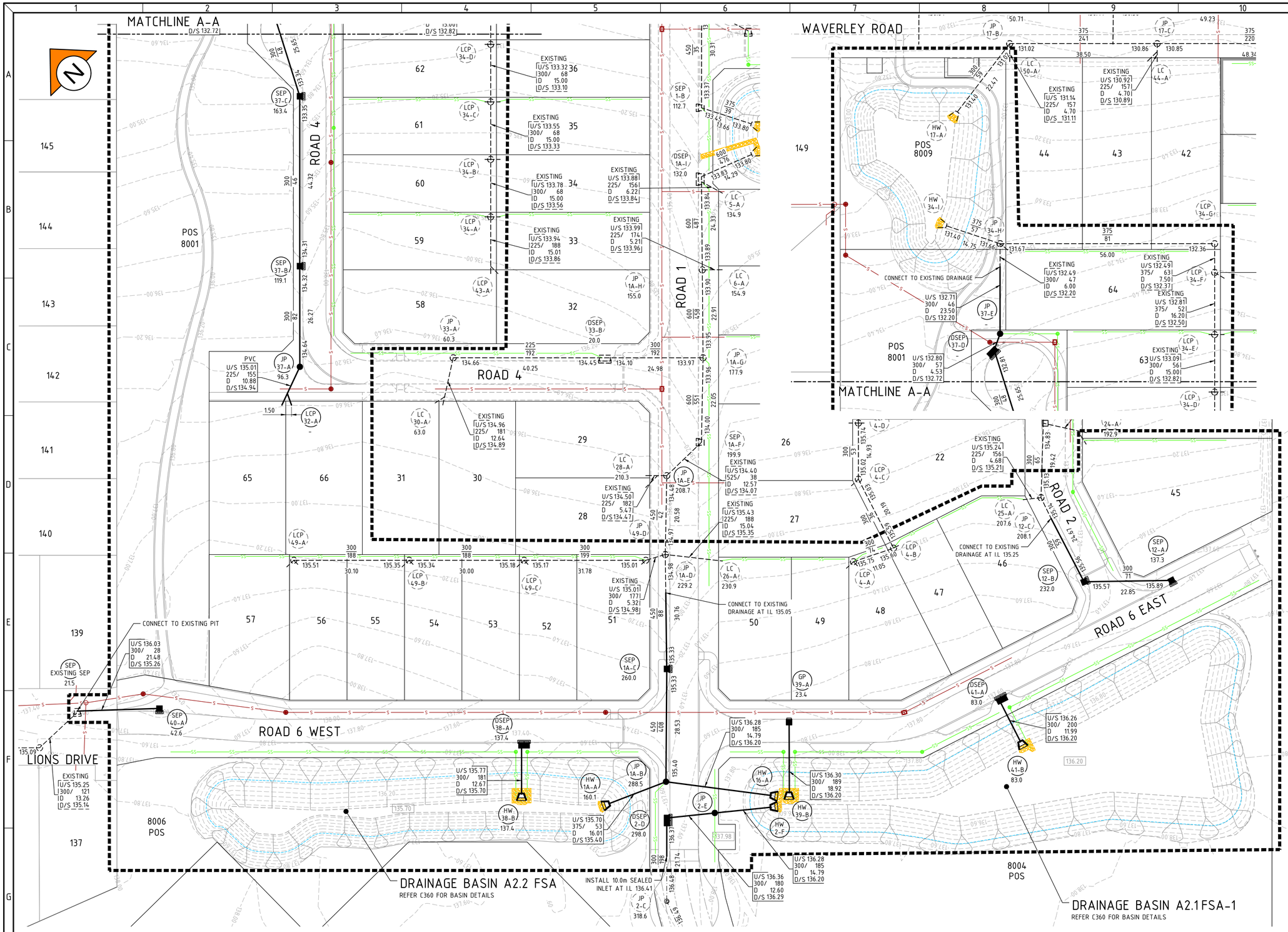

PLAN
SCALE 1:500

0 5 10 20 30m
SCALE 1:500 @ ORIGINAL SHEET SIZE A1

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE CONTRACT DRAWINGS AND SPECIFICATION
2. SETOUT OF ROAD CENTERLINE, FACE OF KERB AND EDGE OF SEAL FOR UN-KERBED ROADS SHALL BE BASED ON SUPPLIED AUTOCAD XBASE_JDS242318.01B DATA. ALL OTHER WORKS SHALL BE SETOUT BASED ON INFORMATION CONTAINED ON THE CONTRACT DRAWINGS AND SPECIFICATION
3. THE CONSTRUCTION OF WORKS SHALL BE TO THE APPROVAL OF THE LOCAL AUTHORITY
4. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE
5. ALL LEVELS SHALL BE DETERMINED FROM BENCHMARKS ESTABLISHED BY THE PROJECT SURVEYOR
6. ALL TRENCHING, PIPE BEDDING AND BACKFILLING SHALL BE IN ACCORDANCE WITH AS3725
7. ALL DRAINAGE PITS SHALL BE LOCATED AS SHOWN IRRESPECTIVE OF PIPE LENGTHS SHOWN ON THE DRAWINGS
8. AT LOW POINTS THE ENTRY PITS SHALL BE LOCATED AT THE LOW POINT OF THE ROAD PAVEMENT
9. THE DRAINAGE PIT LIDS SHALL BE SET TO SUIT THE VERGE SLOPE, NOMINALLY 2% UPWARDS FROM THE TOP OF BACK OF KERB
10. 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
11. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY OR CLASH WITH OTHER SERVICES TO THE SUPERINTENDENT
12. ALL JUNCTION PITS LOCATED IN THE ROAD PAVEMENT SHALL HAVE TRAFFICABLE LIDS
13. FOR SERVICE CROSSING LEVELS REFER TO DRAINAGE LONGITUDINAL SECTIONS
14. ROAD PAVEMENT TYPES AND BRICK PAVING REMOVED FOR CLARITY - REFER TO PAVEMENT DRAWING FOR DETAILS
15. 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.
16. REFER DRAWING C912 FOR TYPICAL LOT CONNECTION AND LOT CONNECTION PIT DETAIL

LEGEND

- LIMIT OF WORKS
- 2 — LOT NUMBER
- PIPE DIA-CLASS / GRADE / IL IL / LENGTH(m) — PROPOSED DRAINAGE WITH NOTATION
- CLASS (CLASS IF NOT CLASS 2); U/S 00.00 UPSTREAM INVERT LEVEL; 300/ 0.0 PIPE DIA / GRADE; U 0.0 LENGTH; D/S 00.00 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
- JP 1 CH 0.0 — PIT TYPE; PIT NUMBER; CHAINAGE
- JP — JUNCTION PIT
- DGP — DOUBLE GRATED PIT
- GP — GRATED PIT (TRAPPED WHEN IN SWALES)
- SEP — SIDE ENTRY PIT
- CSEP — COMBINATION SIDE ENTRY/GULLY PIT
- LCP — LOT CONNECTION PIT
- BUP — BUBBLE-UP PIT
- GPT — GROSS POLLUTANT TRAP
- EXISTING/ PROPOSED BATTER
- EXISTING/ PROPOSED KERB OPENING - REFER TO DRAWING C911 FOR DETAILS
- EXISTING/ PROPOSED ROCK-PITCHING
- PROPOSED/ EXISTING/ FUTURE CONTOUR
- 1% AEP TWL

WARNING
BEWARE OF UNDERGROUND SERVICES
BEFORE YOU DIG www.byda.com.au
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	DRAWN	CHECKED	APPROVED	
A	05.09.25	LV	BWW	BJW	INITIAL SUBMISSION FOR APPROVAL

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

JDSi CONSULTING ENGINEERS

CLIENT: Birdwood COWARAMUP • MASTERPLANNED COMMUNITY

PROJECT: LOT 500 WIRRING ROAD COWARAMUP STAGE 01B

DRAWING TITLE: DRAINAGE PLAN

DRAWN L.VU		WAPC No. 200656	
DESIGNED L.VU		SCALE @ A1 AS SHOWN	
PROJECT MANAGER B.WASHFOLD		DATUM AHD71	CO-ORDS MRCG94
JDSi PROJECT No. JDS242318.01B	DRAWING No. C350		REVISION A

Plotted By: BWhitfield Plot Date: 05/09/25 - 10:37 Cad File: C:\12dS\data\JDSI-12DSYN\JDS242318_247\JDS242318.01B\CIVIL\Drawings\JDS242318.01B_C350.dwg