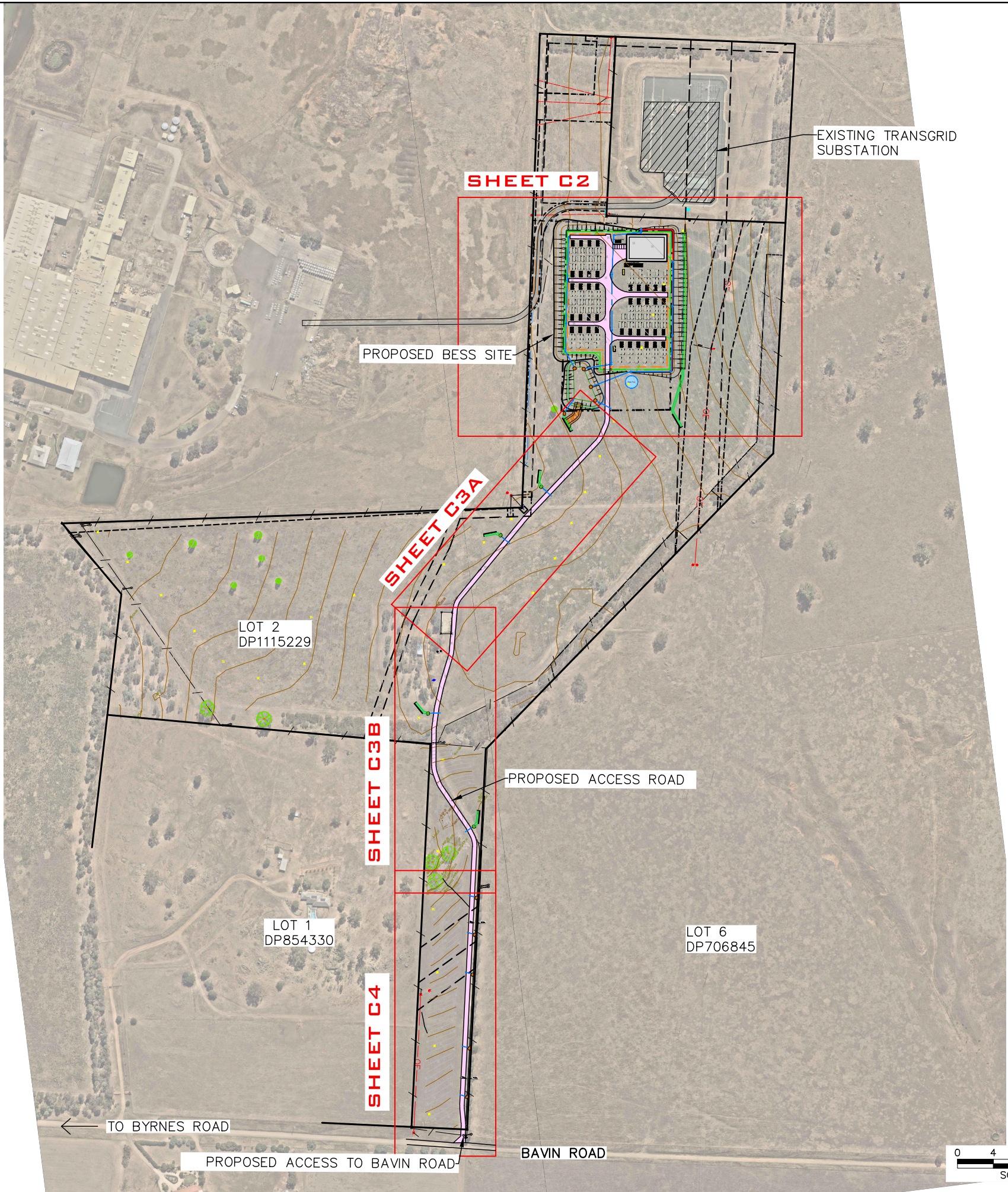




LEGEND	
MARK	ITEM
	PROPOSED STORMWATER LINE
	PROPOSED ROCK RIP RAP
	PROPOSED 900 WIDE CONCRETE DISH DRAIN.
	PROPOSED ACCESS TRACK
	PROPOSED SUBSTATION
	PROPOSED LEASE BOUNDARY
	PROPOSED FENCE
	EXISTING EASEMENT
	EXISTING OVERHEAD ELECTRICAL
	PROPOSED MAJOR CONTOURS AT 2m INCREMENTS
	PROPOSED MINOR CONTOURS AT 0.5m INCREMENTS

NOTES

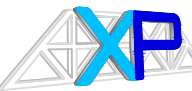
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NOT FOR CONSTRUCTION



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P4	20.12.2024	ISSUED FOR APPROVAL	S.X
P3	13.12.2024	REISSUED FOR REVIEW	S.X
No.	DATE	DETAILS	BY



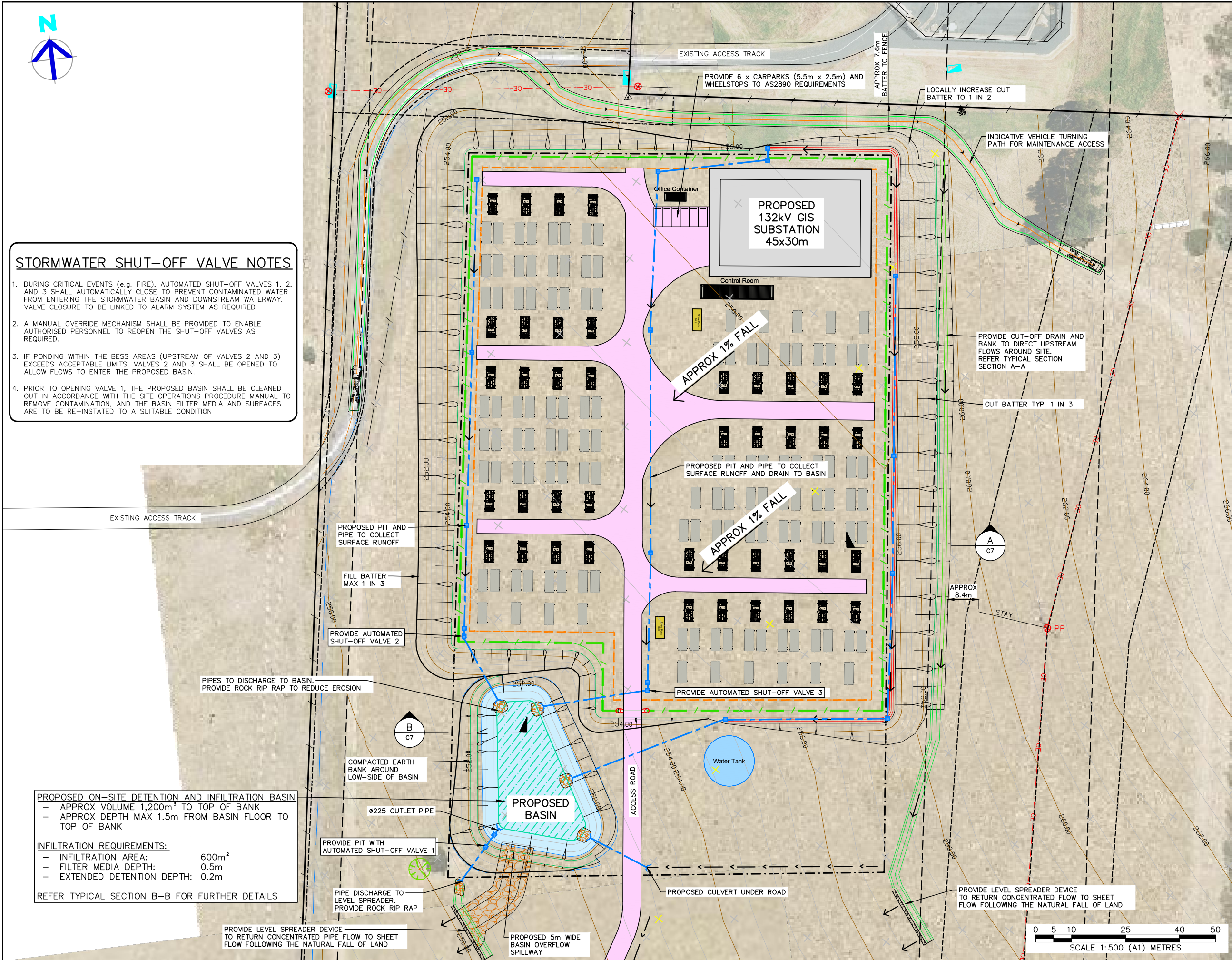
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Project: PROPOSED CIVIL WORKS
WAGGA NORTH B.E.S.S.
18 BAVIN ROAD, LOT 2, DP 1115229
BOMEN NSW 2650

Sheet Title: SITE PLAN		
Client: NGH CONSULTING		Checked:
Scale: 1:2500 (A1) 1:5000 (A3)		Approved:
Design: S.X	Drawn: A.K	Date: MAY 2024

Project Number: 230799		
Sheet Number: C1	Revision Number: P6	Sheets in Set: 7



STORMWATER SHUT-OFF VALVE NOTES

1. DURING CRITICAL EVENTS (e.g. FIRE), AUTOMATED SHUT-OFF VALVES 1, 2, AND 3 SHALL AUTOMATICALLY CLOSE TO PREVENT CONTAMINATED WATER FROM ENTERING THE STORMWATER BASIN AND DOWNSTREAM WATERWAY. VALVE CLOSURE TO BE LINKED TO ALARM SYSTEM AS REQUIRED
2. A MANUAL OVERRIDE MECHANISM SHALL BE PROVIDED TO ENABLE AUTHORISED PERSONNEL TO REOPEN THE SHUT-OFF VALVES AS REQUIRED.
3. IF PONDING WITHIN THE BESS AREAS (UPSTREAM OF VALVES 2 AND 3) EXCEEDS ACCEPTABLE LIMITS, VALVES 2 AND 3 SHALL BE OPENED TO ALLOW FLOWS TO ENTER THE PROPOSED BASIN.
4. PRIOR TO OPENING VALVE 1, THE PROPOSED BASIN SHALL BE CLEANED OUT IN ACCORDANCE WITH THE SITE OPERATIONS PROCEDURE MANUAL TO REMOVE CONTAMINATION, AND THE BASIN FILTER MEDIA AND SURFACES ARE TO BE RE-INSTATED TO A SUITABLE CONDITION

PROPOSED ON-SITE DETENTION AND INFILTRATION BASIN

- APPROX VOLUME 1,200m³ TO TOP OF BANK
- APPROX DEPTH MAX 1.5m FROM BASIN FLOOR TO TOP OF BANK

INFILTRATION REQUIREMENTS:

- INFILTRATION AREA: 600m²
- FILTER MEDIA DEPTH: 0.5m
- EXTENDED DETENTION DEPTH: 0.2m

REFER TYPICAL SECTION B-B FOR FURTHER DETAILS

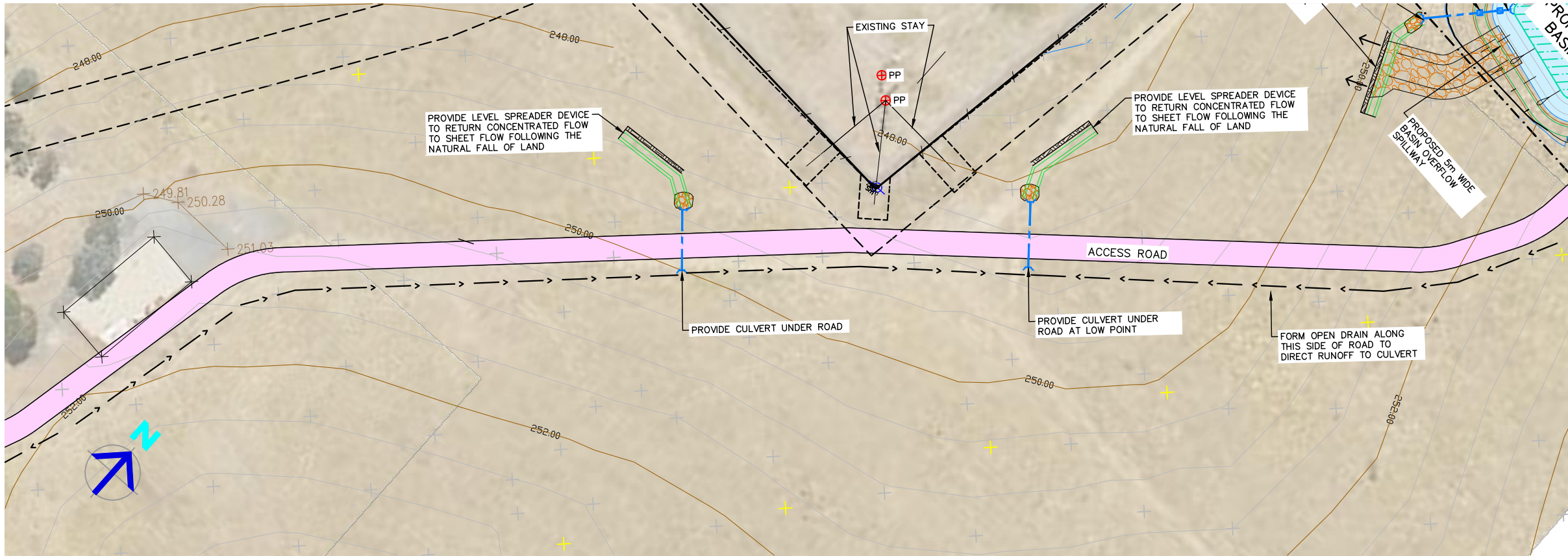
LEGEND	
MARK	ITEM
	PROPOSED STORMWATER LINE
	PROPOSED ROCK RIP RAP
	PROPOSED 900 WIDE CONCRETE DISH DRAIN.
	PROPOSED EARTHEN OPEN DRAIN
	PROPOSED ACCESS TRACK
	PROPOSED STORMWATER BASIN
	PROPOSED INFILTRATION BED
	PROPOSED SUBSTATION
	PROPOSED LEASE BOUNDARY
	PROPOSED FENCE
	EXISTING EASEMENT
	EXISTING OVERHEAD ELECTRICAL
	PROPOSED DIRECTION OF FALL
	PROPOSED MAJOR CONTOURS AT 2m INCREMENTS
	PROPOSED MINOR CONTOURS AT 0.5m INCREMENTS
	PROPOSED WATER TANK
	PROPOSED PCS TRANSFORMER CONTAINER
	PROPOSED BESS CONTAINER
	PROPOSED SPARE PARTS CONTAINER

NOTES

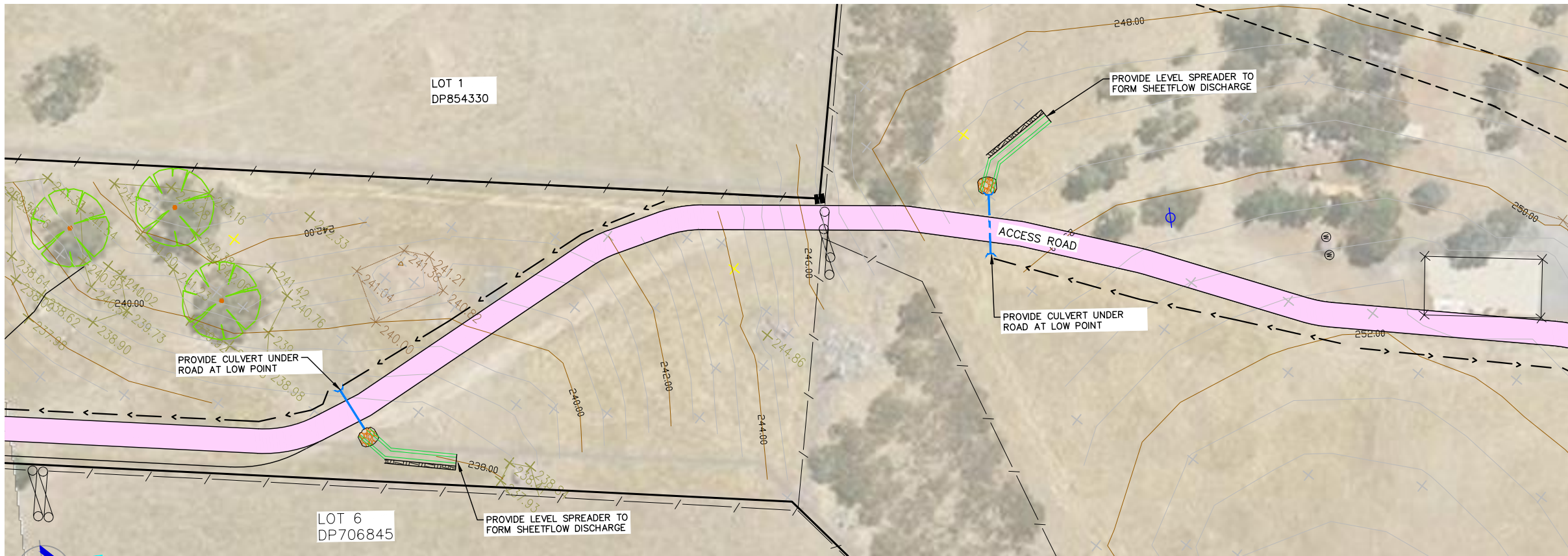
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NOT FOR CONSTRUCTION

CONTINUATION BELOW



LEGEND	
MARK	ITEM
	PROPOSED STORMWATER LINE
	PROPOSED ROCK RIP RAP
	PROPOSED EARTHEN OPEN DRAIN
	PROPOSED ACCESS TRACK
	EXISTING EASEMENT
	EXISTING OVERHEAD ELECTRICAL
	PROPOSED DIRECTION OF FALL
	PROPOSED MAJOR CONTOURS AT 2m INCREMENTS
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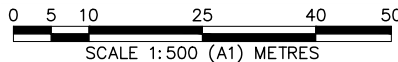


CONTINUATION ABOVE

NOTES

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P3	13.12.2024	REISSUED FOR REVIEW	S.X
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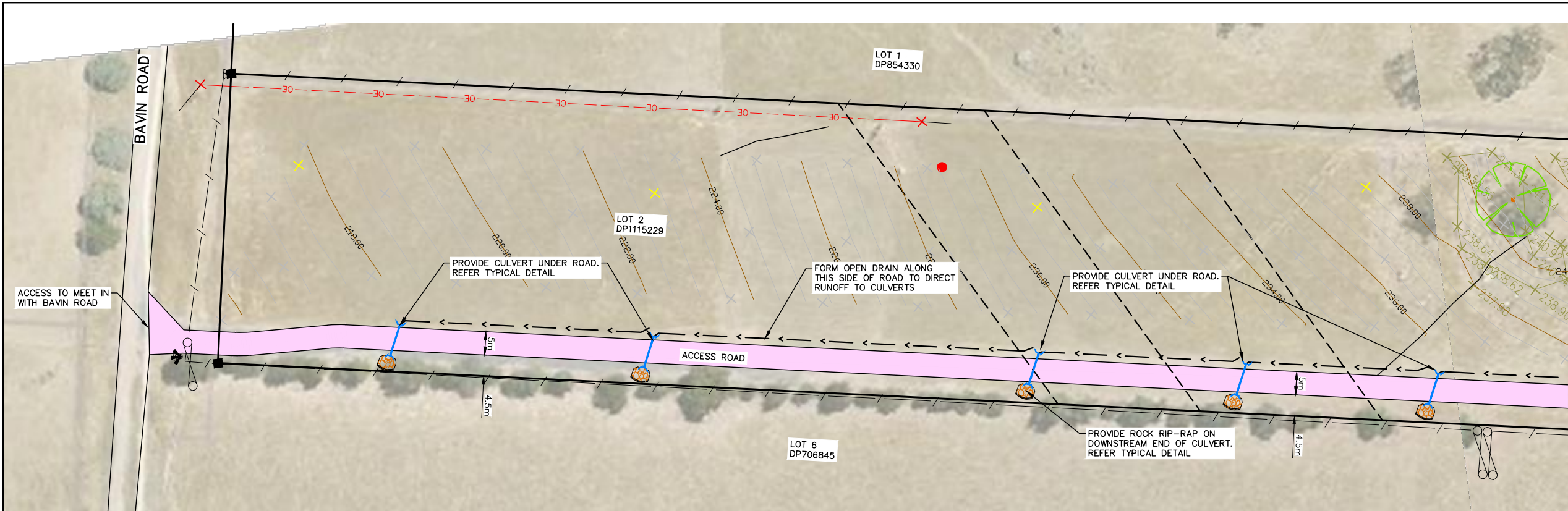


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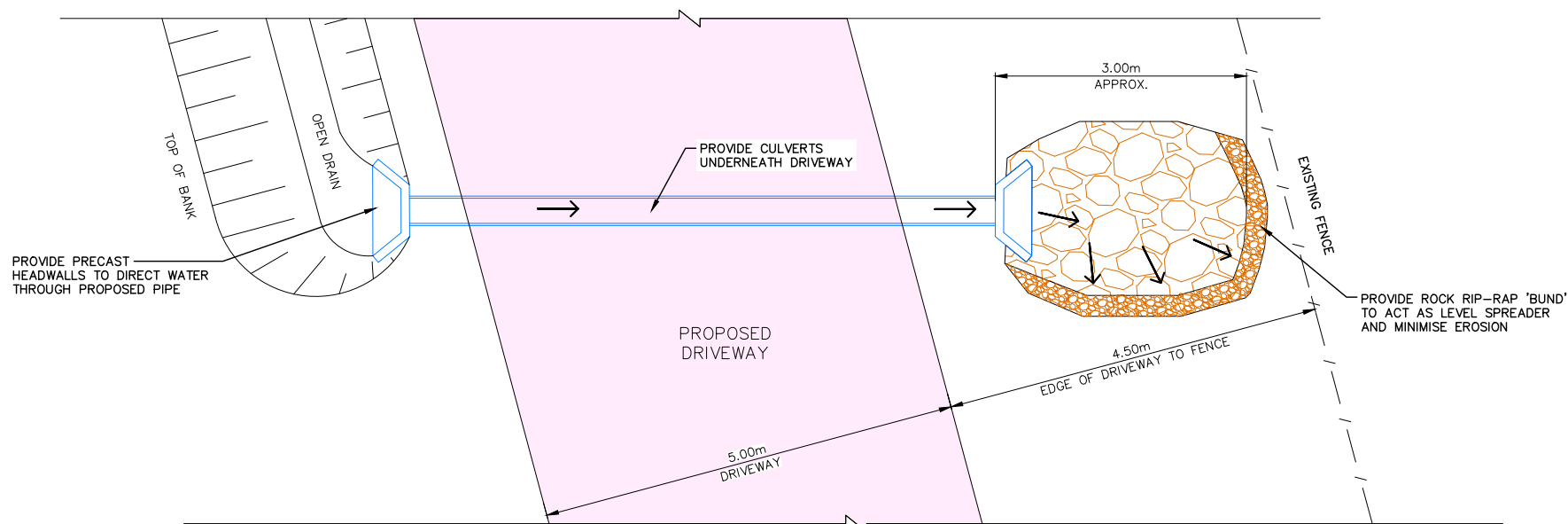
Project: PROPOSED CIVIL WORKS
WAGGA NORTH B.E.S.S.
18 BAVIN ROAD, LOT 2, DP 1115229
BOMEN NSW 2650

Sheet Title: LAYOUT AND STORMWATER PLAN 2/3		
Client: NGH CONSULTING	Checked:	
Scale: 1:500 (A1) 1:1000 (A3)	Approved:	
Design: S.X	Drawn: A.K	Date: MAY 2024

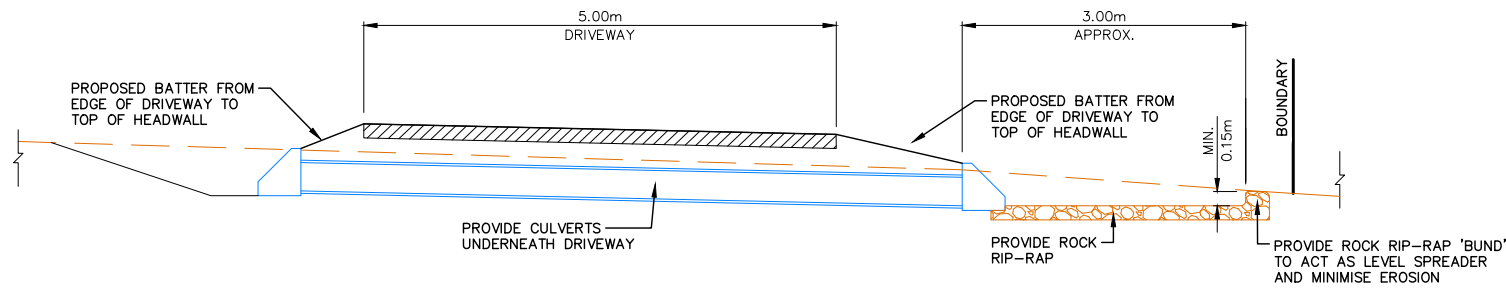
Project Number: 230799		
Sheet Number: C3	Revision Number: P6	Sheets in Set: 7



LEGEND	
MARK	ITEM
	PROPOSED STORMWATER LINE
	PROPOSED ROCK RIP RAP
	PROPOSED EARTHEN OPEN DRAIN
	PROPOSED STORMWATER BASIN
	PROPOSED ACCESS TRACK
	EXISTING EASEMENT
	EXISTING OVERHEAD ELECTRICAL
	PROPOSED DIRECTION OF FALL
	PROPOSED MAJOR CONTOURS AT 2m INCREMENTS
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PLAN VIEW



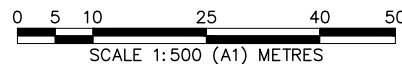
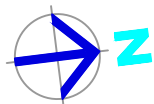
SECTION VIEW

TYPICAL DETAIL THRU DRIVEWAY
CULVERTS NEAR BAVIN ROAD

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	P4	20.12.2024	ISSUED FOR APPROVAL	S.X
	P3	13.12.2024	REISSUED FOR REVIEW	S.X
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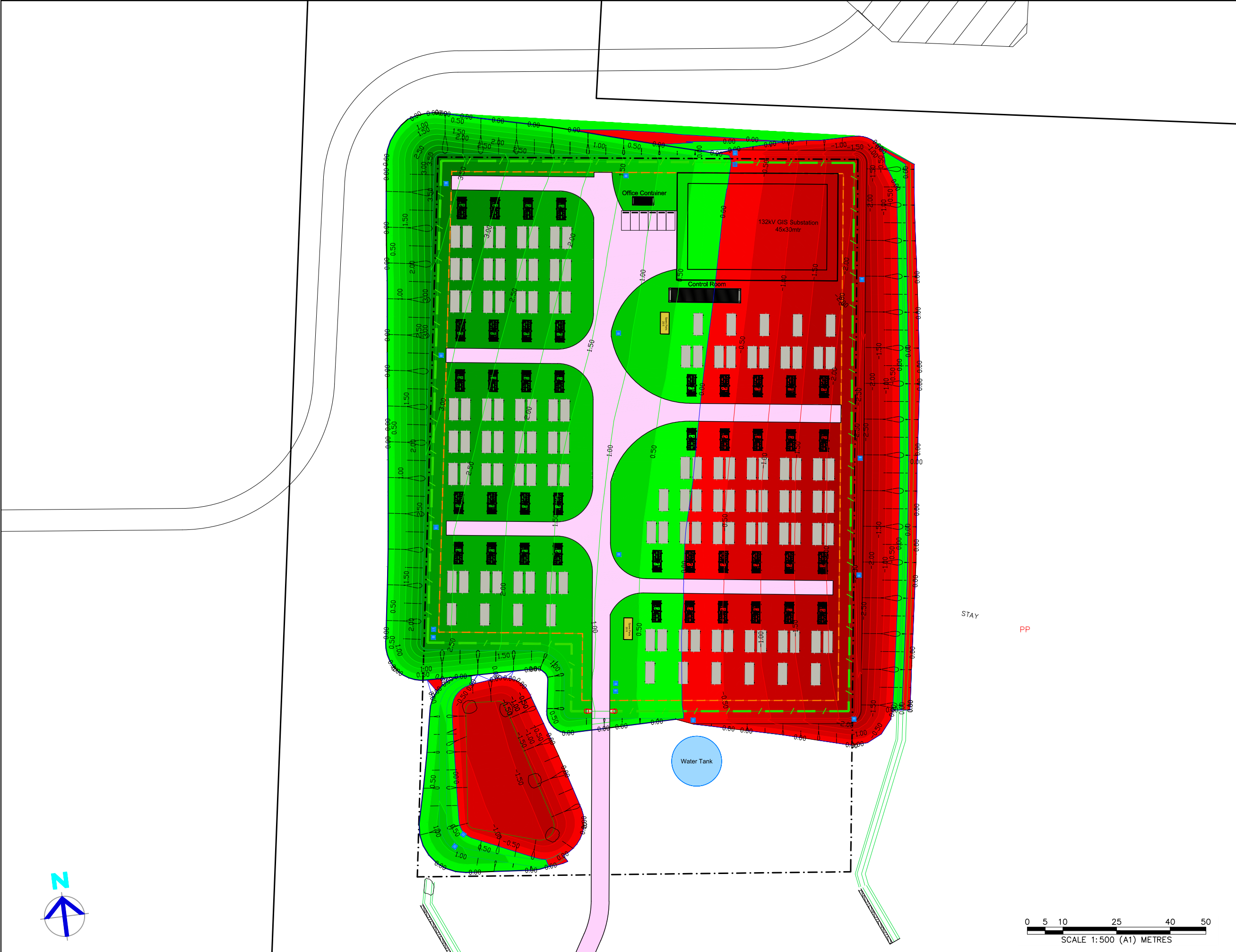
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Project: **PROPOSED CIVIL WORKS**
WAGGA NORTH B.E.S.S.
18 BAVIN ROAD, LOT 2, DP 115229
BOMEN NSW 2650

Sheet Title: LAYOUT AND STORMWATER PLAN 3/3		
Client: NGH CONSULTING	Checked:	
Scale: 1:500 (A1) 1:1000 (A3)	Approved:	
Design: S.X	Drawn: A.K	Date: MAY 2024

Project Number: 230799		
Sheet Number: C4	Revision Number: P6	Sheets in Set: 7

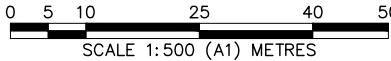


CUT AND FILL	
LEVELS	COLOUR
↑	
0.5	
0.0 (NOT CUT OR FILL)	
↓	
-0.5	

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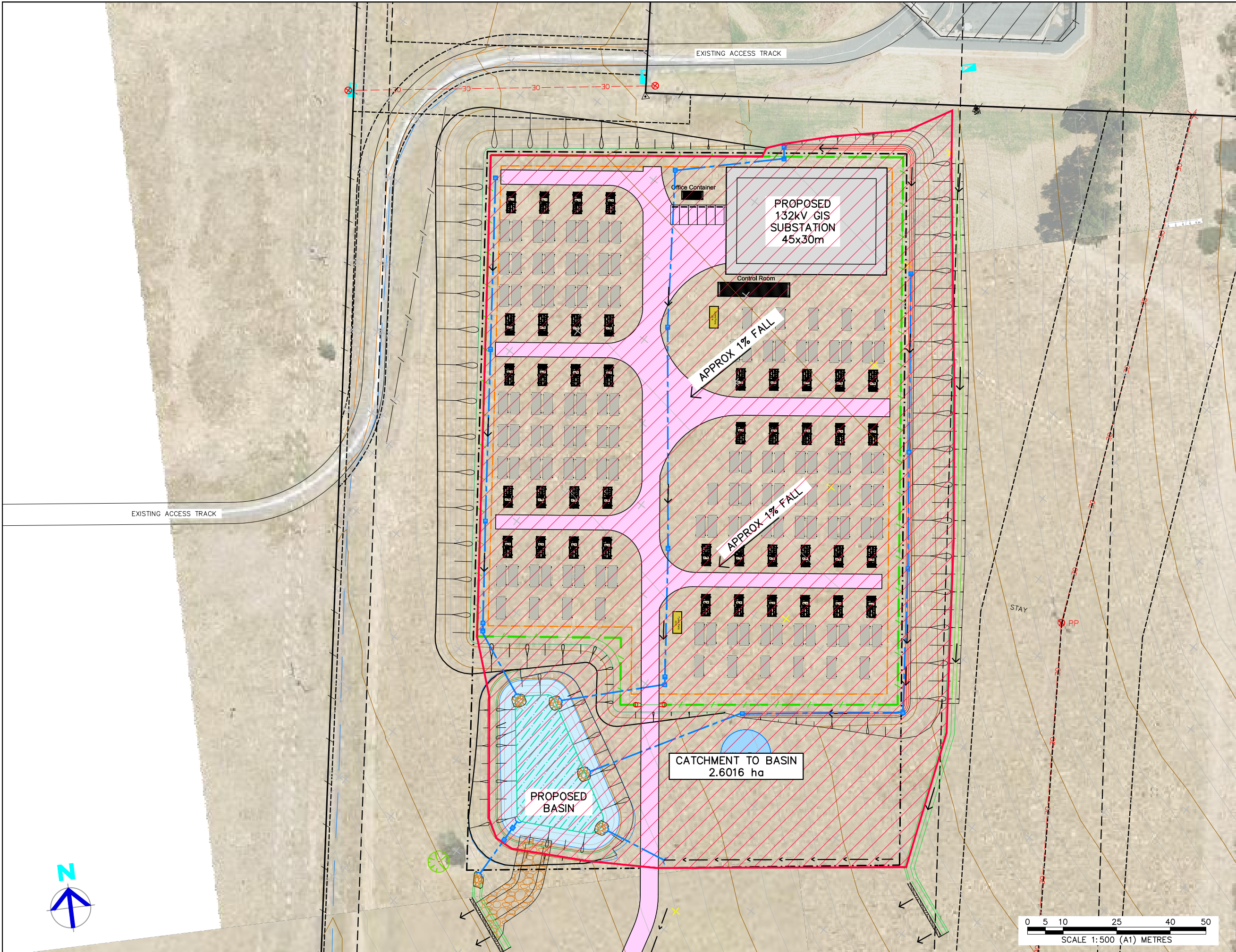


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Project: PROPOSED CIVIL WORKS
WAGGA NORTH B.E.S.S.
18 BAVIN ROAD, LOT 2, DP 1115229
BOMEN NSW 2650

Sheet Title: PROPOSED CUT-FILL PLAN		
Client: NGH CONSULTING	Checked:	
Scale: 1:500 (A1) 1:1000 (A3)	Approved:	
Design: S.X	Drawn: A.K	Date: MAY 2024

Project Number: 230799		
Sheet Number: C5	Revision Number: P6	Sheets in Set: 7



LEGEND	
MARK	ITEM
	PROPOSED CATCHMENT AREA DIRECTED TO BASIN
	PROPOSED ROCK RIP RAP
	PROPOSED ACCESS TRACK
	PROPOSED SUBSTATION
	PROPOSED STORMWATER BASIN
	PROPOSED PCS TRANSFORMER CONTAINER
	PROPOSED BESS CONTAINER
	PROPOSED SPARE PARTS CONTAINER
	PROPOSED 900 WIDE CONCRETE DISH DRAIN.
	PROPOSED STORMWATER LINE
	PROPOSED LEASE BOUNDARY
	PROPOSED FENCE
	EXISTING EASEMENT
	EXISTING OVERHEAD ELECTRICAL
	PROPOSED DIRECTION OF FALL
	PROPOSED MAJOR CONTOURS AT 2m INCREMENTS
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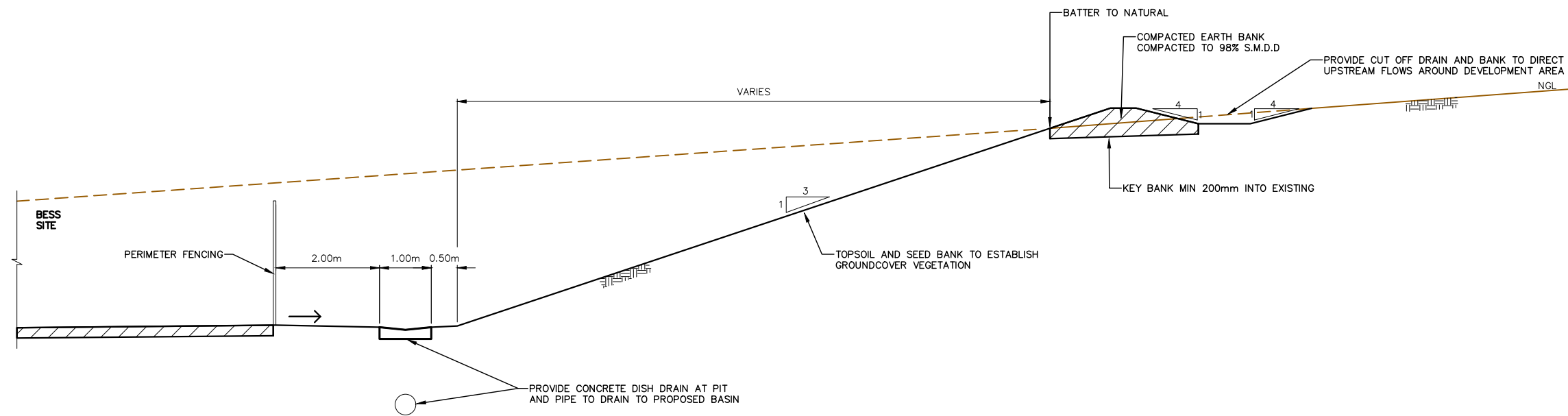
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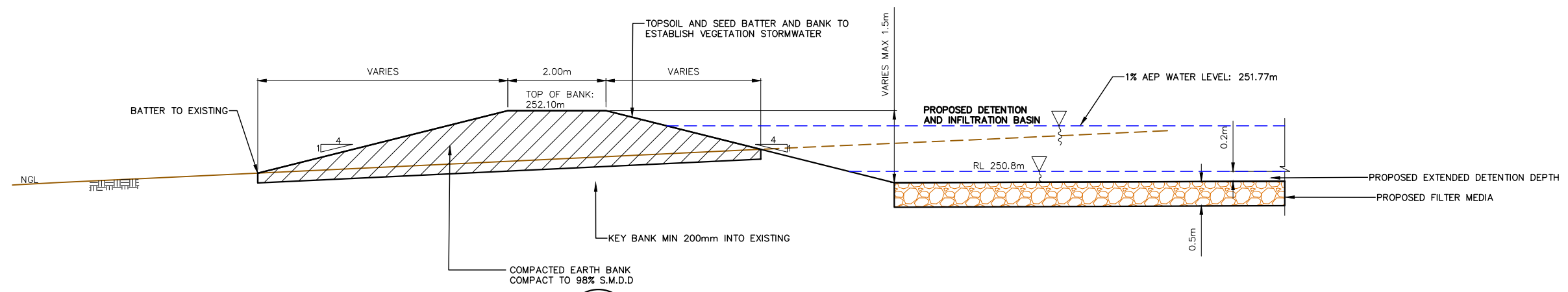
Sheet Title: BATTERY PLANT CATCHMENT PLAN

Client: NGH CONSULTING	Checked:
Scale: 1:500 (A1) 1:1000 (A3)	Approved:
Design: S.X	Drawn: A.K
Date: MAY 2024	

Project Number: 230799		
Sheet Number: C6	Revision Number: P6	Sheets in Set: 7



SECTION A
C2
TYPICAL SECTION THRU CUT ON EAST SIDE
OF DEVELOPMENT SITE BATTER



SECTION B
C2
TYPICAL SECTION THROUGH DETENTION BASIN BANK

NOT FOR CONSTRUCTION