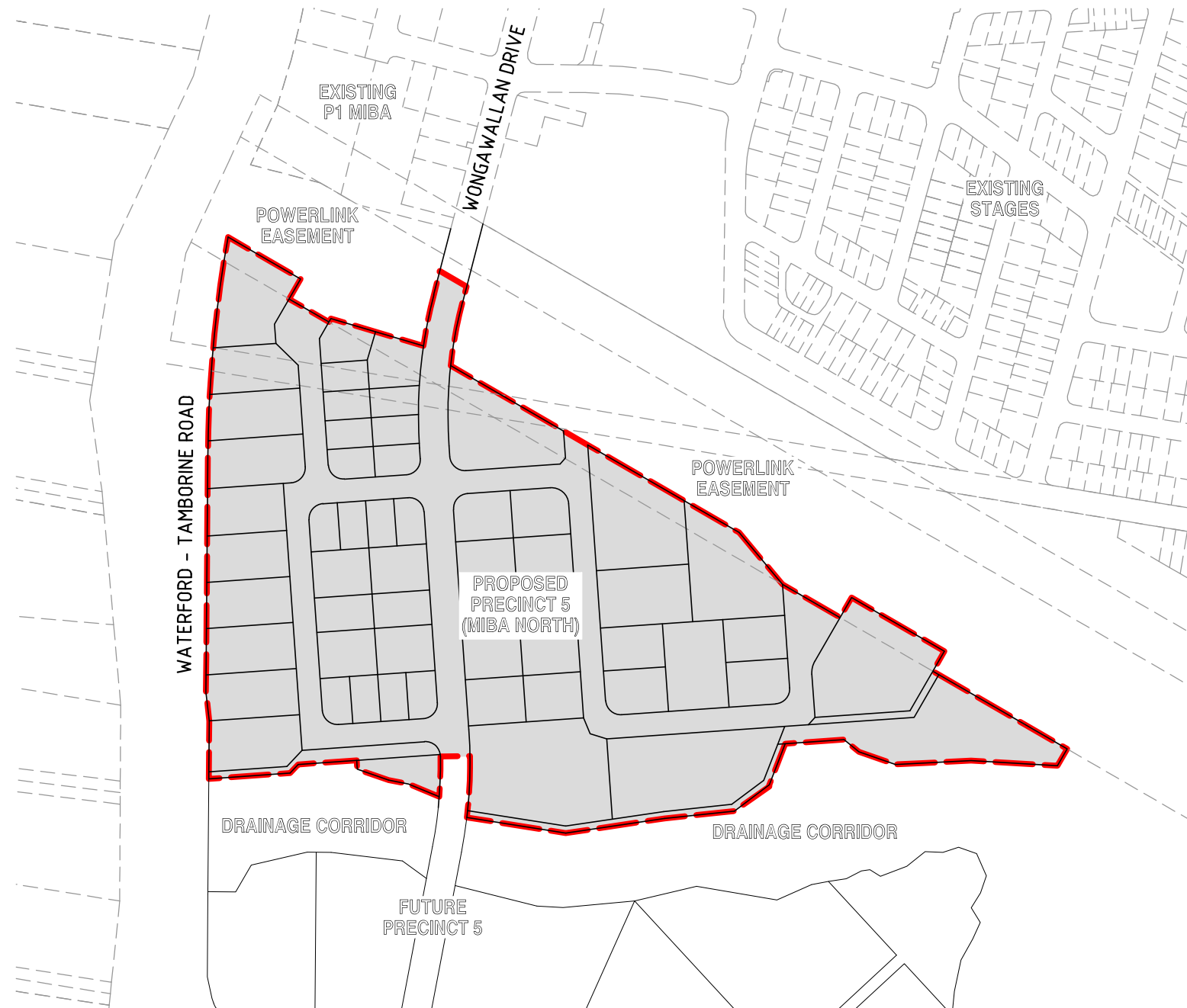


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Date: 11 February 2022



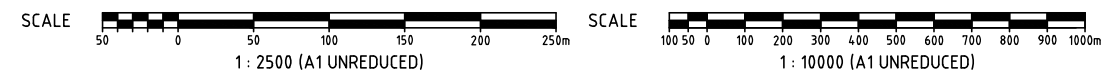
PRECINCT 5 - MIBA (NORTH) BULK EARTHWORKS



PLAN
SCALE 1:2500

DRAWING NO.	DRAWING TITLE
21-221-01	GENERAL - LOCALITY PLAN, DRAWING INDEX AND NOTES
21-221-02	BULK EARTHWORKS - LAYOUT PLAN
21-221-03	EROSION AND SEDIMENT - CONTROL - LAYOUT PLAN
21-221-04	EROSION AND SEDIMENT - CONTROL - NOTES
21-221-05	EROSION AND SEDIMENT - CONTROL - DETAILS

DATUM A.H.D.
P.S.M. No 59068
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N 26685.151
BL 46.040



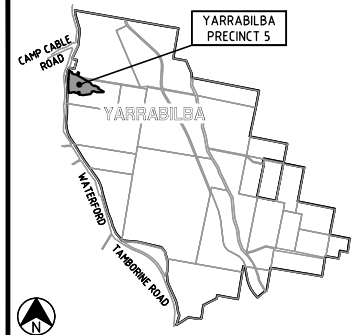
LOCALITY PLAN
SCALE 1:10000

1. ALL WORK SHALL BE JOINED NEATLY TO EXISTING CONSTRUCTION.
2. WHERE REFERENCE IS MADE ON THESE DRAWINGS TO A KERB LINE, IT SHALL BE TAKEN TO MEAN THE KERB INVERT LINE.
3. LEVELS FOR KERB AND CHANNEL CONSTRUCTION ARE SHOWN AT LIP OF CHANNEL UNLESS SHOWN OTHERWISE.
4. KERB AND CHANNEL AND SPOON DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA STANDARD DWG NO SEQ RS-80. SPOON DRAINS ACROSS ROAD INTERSECTIONS SHALL BE IN ACCORDANCE WITH INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA STD DWG NO SEQ RS-80. THE CONCRETE SHALL BE CLASS N32 AND THE DEPTH INCREASED BY 50mm TO 175mm AT INVERT. FLUSH KERB TO BE INCREASED IN DEPTH BY 50mm TO 280mm.
5. IF MACHINE MADE KERB AND CHANNEL IS USED, EXTRA FINES AND 20mm SLUMP IS REQUIRED.
6. ALL DRAINAGE CENTRE LINES ARE 2m FROM INVERT OF KERB UNLESS OTHERWISE SHOWN.
7. GULLY CONNECTIONS AND STORM WATER PIPES SHALL BE 375mm DIAMETER CLASS '2' R.C. PIPES UNLESS SHOWN OTHERWISE.
8. THE CONTRACTOR SHALL INITIALLY EXCAVATE THE PAVEMENT BOX TO 445mm BELOW THE FINISHED PAVEMENT LEVEL SHOWN ON THE DRAWINGS. HE SHALL THEN NOTIFY THE ENGINEER WHO WILL FIX THE PAVEMENT THICKNESS TO BE CONSTRUCTED FOLLOWING THE RESULTS OF SUB-GRADE TESTING.
9. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE DRAWINGS, THE ACTUAL LIMITS SHALL BE DETERMINED ON SITE BY THE ENGINEER AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE ENGINEER DURING CONSTRUCTION.
10. THE MINIMUM CLEARANCE BETWEEN OUTER WALLS OF PIPES IN MANHOLES SHALL BE 150mm.
11. SUBSURFACE DRAIN CLEANING POINTS SHALL BE INSTALLED IN ACCORDANCE WITH IPWEAQ STD DWG NO SEQ RS-142.
12. CONSTRUCTION LOAD CONTROL ON THE INSTALLATION OF REINFORCED CONCRETE STORMWATER PIPE WORK SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE RECOMMENDATIONS DEFINED IN THE CONCRETE PIPE ASSOCIATIONS OF AUSTRALASIA'S "THE INSTALLATIONS OF STEEL REINFORCED CONCRETE PIPES - MINIMUM PIPE COVER REQUIRED FOR VARIOUS COMPACTORS".
13. PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL ERECT A 2 STRAND WIRE FENCE INCLUDING SAFETY BARRIER MESH TO THE PERIMETER OF VEGETATION TO BE RETAINED AND/OR EXCLUSION ZONES.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF EXISTING SERVICES WITH RELEVANT AUTHORITIES/DIAL BEFORE YOU DIG PRIOR TO COMMENCING WORKS.
15. THE CONTRACTOR SHALL NOTE THE PRESENCE OF EXISTING SERVICES ASSOCIATED WITH THE WORKS. SPECIAL CARE MUST BE TAKEN BY THE CONTRACTOR IN THE VICINITY OF ALL SERVICES.

DO NOT SCALE THIS DRAWING
IF IN DOUBT - ASK!



SITE PLAN



REVISIONS

[illegible]

Associated Consultants



Client



Project



YARRABILBA

PRECINCT 5 - MIBA (NORTH) BULK EARTHWORKS



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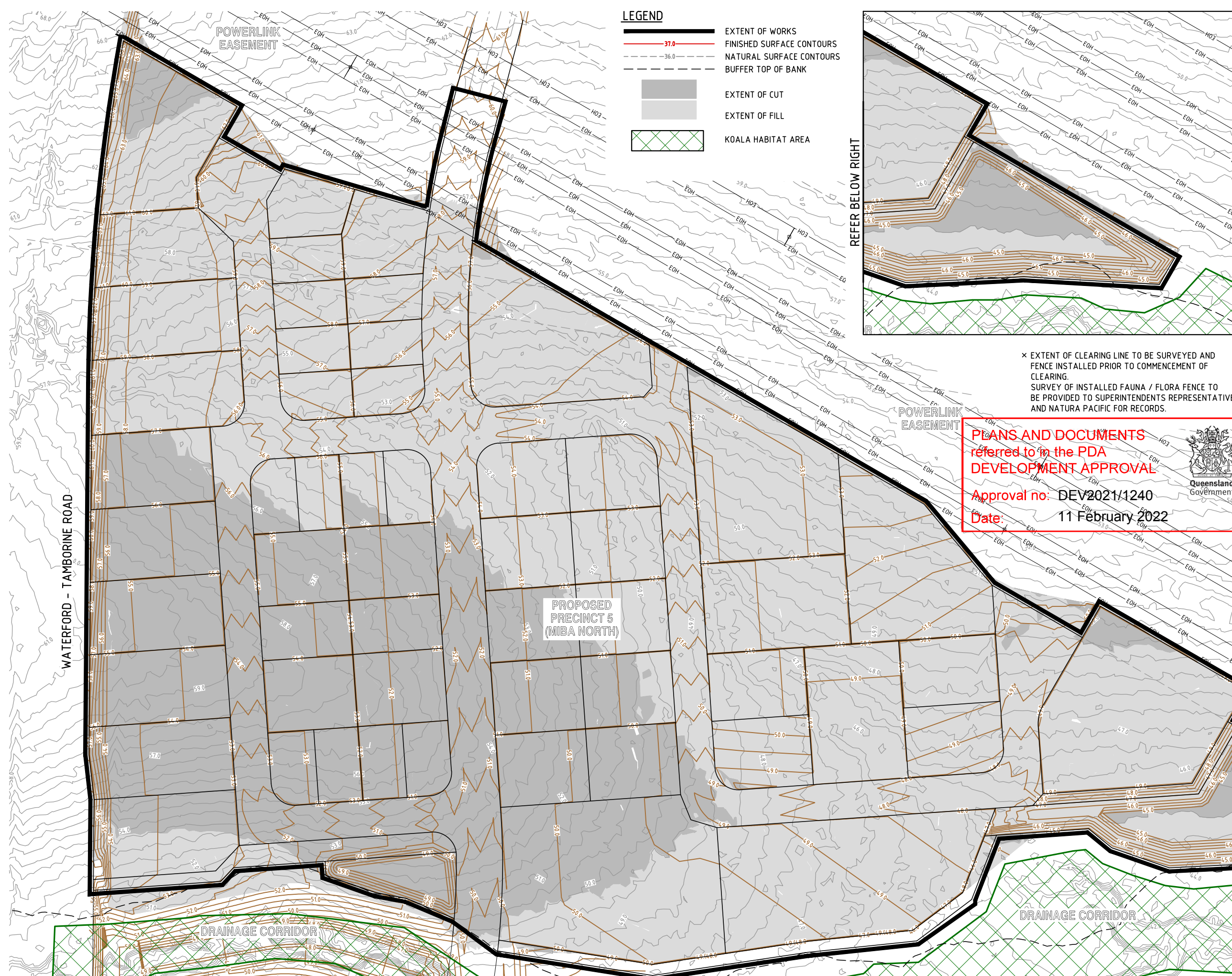
Approved - RPEQ 12805

Robert William Mander
BEng(Civil), CPEng,
RPEQ:12805
2021.11.10 17:43:05 +10'00'

Drawing Title

GENERAL
LOCALITY PLAN,
DRAWING INDEX AND NOTES

Drawn SLK	Designed JAS	Checked RWM	Date OCT 21
Scale AS SHOWN			Sheet 01 of 05
A1	Drawing No 21-221-01	Revision A	



BULK EARTHWORKS PLAN

SCALE 1:1000

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SITE PLAN

REVISIONS

Associated Consultants

Client

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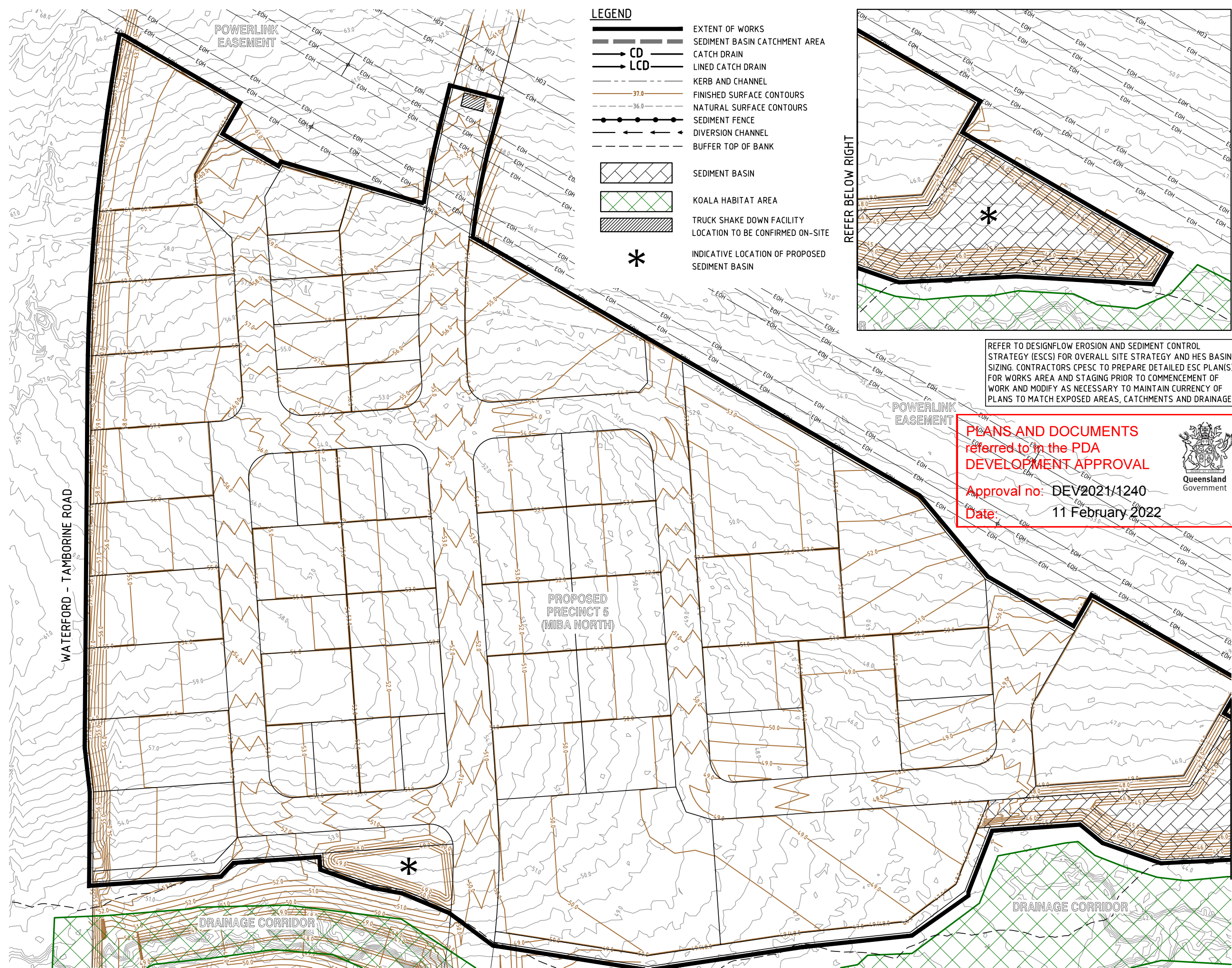
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Drawing Title

BULK EARTHWORKS
LAYOUT PLAN

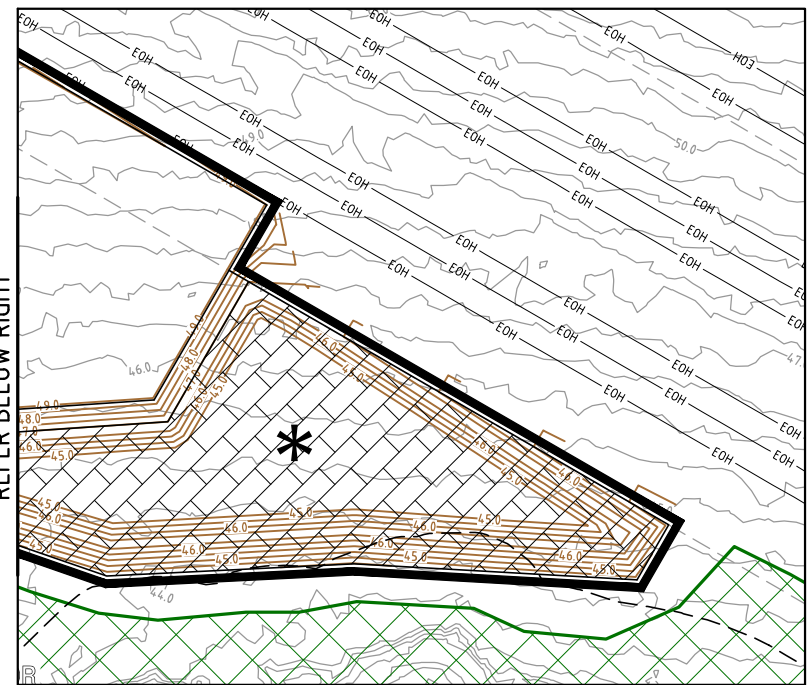
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LEGEND

- EXTENT OF WORKS
- SEDIMENT BASIN CATCHMENT AREA
- CATCH DRAIN
- LINED CATCH DRAIN
- KERB AND CHANNEL
- FINISHED SURFACE CONTOURS
- NATURAL SURFACE CONTOURS
- SEDIMENT FENCE
- DIVERSION CHANNEL
- BUFFER TOP OF BANK
- SEDIMENT BASIN
- KOALA HABITAT AREA
- TRUCK SHAKE DOWN FACILITY LOCATION TO BE CONFIRMED ON-SITE
- INDICATIVE LOCATION OF PROPOSED SEDIMENT BASIN

REFER BELOW RIGHT



REFER TO DESIGNFLOW EROSION AND SEDIMENT CONTROL STRATEGY (ESCS) FOR OVERALL SITE STRATEGY AND HES BASIN SIZING. CONTRACTORS CPESC TO PREPARE DETAILED ESC PLAN(S) FOR WORKS AREA AND STAGING PRIOR TO COMMENCEMENT OF WORK AND MODIFY AS NECESSARY TO MAINTAIN CURRENCY OF PLANS TO MATCH EXPOSED AREAS, CATCHMENTS AND DRAINAGE.

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

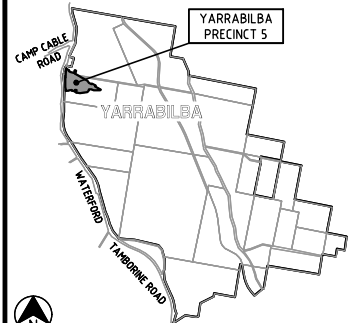
Approval no: DEV2021/1240
Date: 11 February 2022



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SITE PLAN



REVISIONS

No	Description	Date	By
A	FOR APPROVAL	09.11.21	JAS

Associated Consultants



Client



Project

YARRABILBA
PRECINCT 5 - MIBA (NORTH)
BULK EARTHWORKS



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RMA
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Drawing Title
**EROSION AND SEDIMENT
CONTROL - LAYOUT PLAN**

Drawn SLK	Designed JAS	Checked RWM	Date OCT 21
Scale AS SHOWN	Drawing No 21-221-03	Sheet 03 of 05	Revision A

CATCH DRAINS DIMENSIONS & SPACINGS

SCALE 1 : 40

SIZING TO BE DETERMINED DURING CONSTRUCTION



N.T.S.

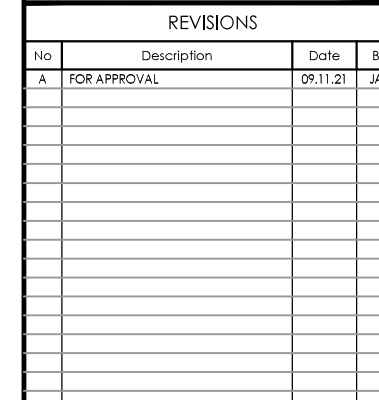
LOCATION OF SEDIMENT FENCE AT BASE OF FILL SLOPE



N.T.S.



Date: 11 February 2022



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2021 11 10 17:44:05 +10'00

EROSION AND SEDIMENT CONTROL - DETAILS

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Scale AS SHOWN			Sheet 05 of 0
A1	Drawing No 21-221055		Revision A