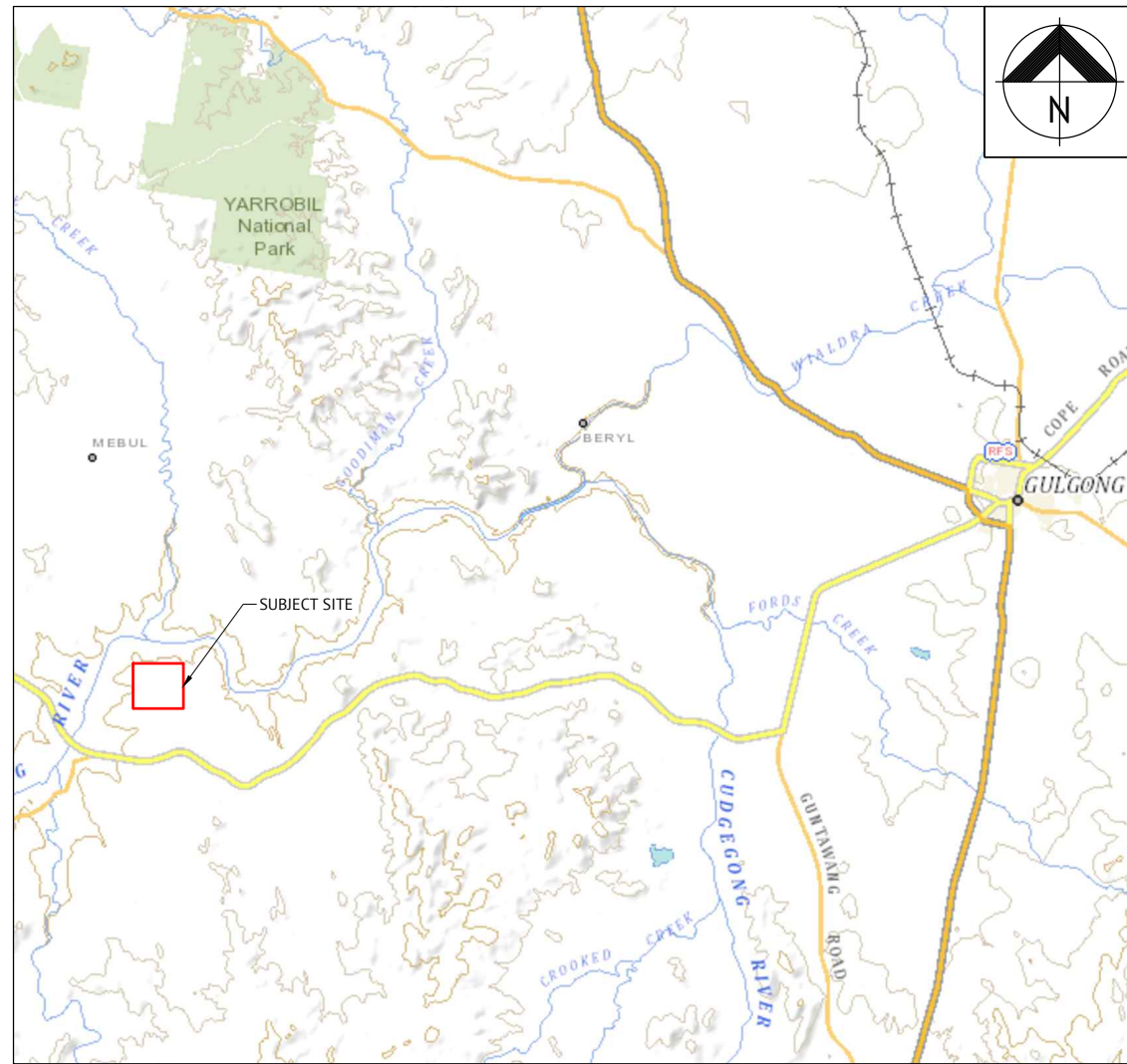


# DA FOR EXTRACTIVE INDUSTRY

## 2152 GOOLMA RD, TWO MILE FLAT

### BETTERGROW

## PRELIMINARY DESIGN FOR DA



**LOCALITY PLAN**

NTS

DRAWING SCHEDULE	
DRAWING NO.	DRAWING TITLE
C001	TITLE SHEET AND SCHEDULE OF DRAWINGS
C002	SITE LOCATION PLAN
C003	OVERVIEW PLAN
C004	SOIL & WATER MANAGEMENT PLAN
C005	EROSION AND SEDIMENT CONTROL FIGURES

**PRELIMINARY - NOT FOR CONSTRUCTION**



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DESIGNED  
IW  
 CHECKED  
MDH  
 PROJECT MANAGER  
DW

SCALE

ORIGINAL SHEET SIZE A1

CLIENT

**BETTER GROW**

PROJECT

**PRELIMINARY DESIGN FOR DA**

LOCATION

**2152 GOOLMA RD, TWO MILE FLAT, NSW**

SHEET TITLE

**TITLE SHEET AND SCHEDULE OF DRAWINGS**

JOB CODE

**223256\_01**

SHEET NUMBER

**C001**

REV

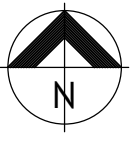
**A**

DATE	REV	DESCRIPTION	IW REC	MDH APP
07/12/2023	A	PRELIMINARY - NOT FOR CONSTRUCTION		

REVISIONS

**NOTES:**

1. THIS PLAN IS PREPARED FROM COMBINATION OF A PHOTOGRAMMETRIC AERIAL SURVEY AND DIGITAL RECORDS FOR THE PURPOSE OF ANALYSING THE EXISTING SITE TOPOGRAPHY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
2. CONTOUR INTERVAL 1m.
3. THESE NOTES ARE AN INTEGRAL PART OF THIS PLAN.



**LEGEND:**

- 234.0 EXISTING AND DESIGN CONTOURS (1.0m INTERVALS)
- PROPOSED QUARRY EXTENT
- EXISTING ACCESS ROAD
- EPHEMERAL DRAINAGE CHANNEL (CLASS 1 STREAM), APPROXIMATE LOCATION



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DESIGNED  
IW  
 CHECKED  
MDH  
 PROJECT MANAGER  
DW

SCALE  
 AS SHOWN  
  
 SCALE 1:4000 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**BETTER GROW**  
 PROJECT  
**PRELIMINARY DESIGN FOR DA**  
 LOCATION  
**2152 GOOLMA RD, TWO MILE FLAT, NSW**  
 SHEET TITLE  
**SITE LOCATION PLAN**

JOB CODE  
**223256\_01**  
 SHEET NUMBER  
**C002**  
 REV  
**A**

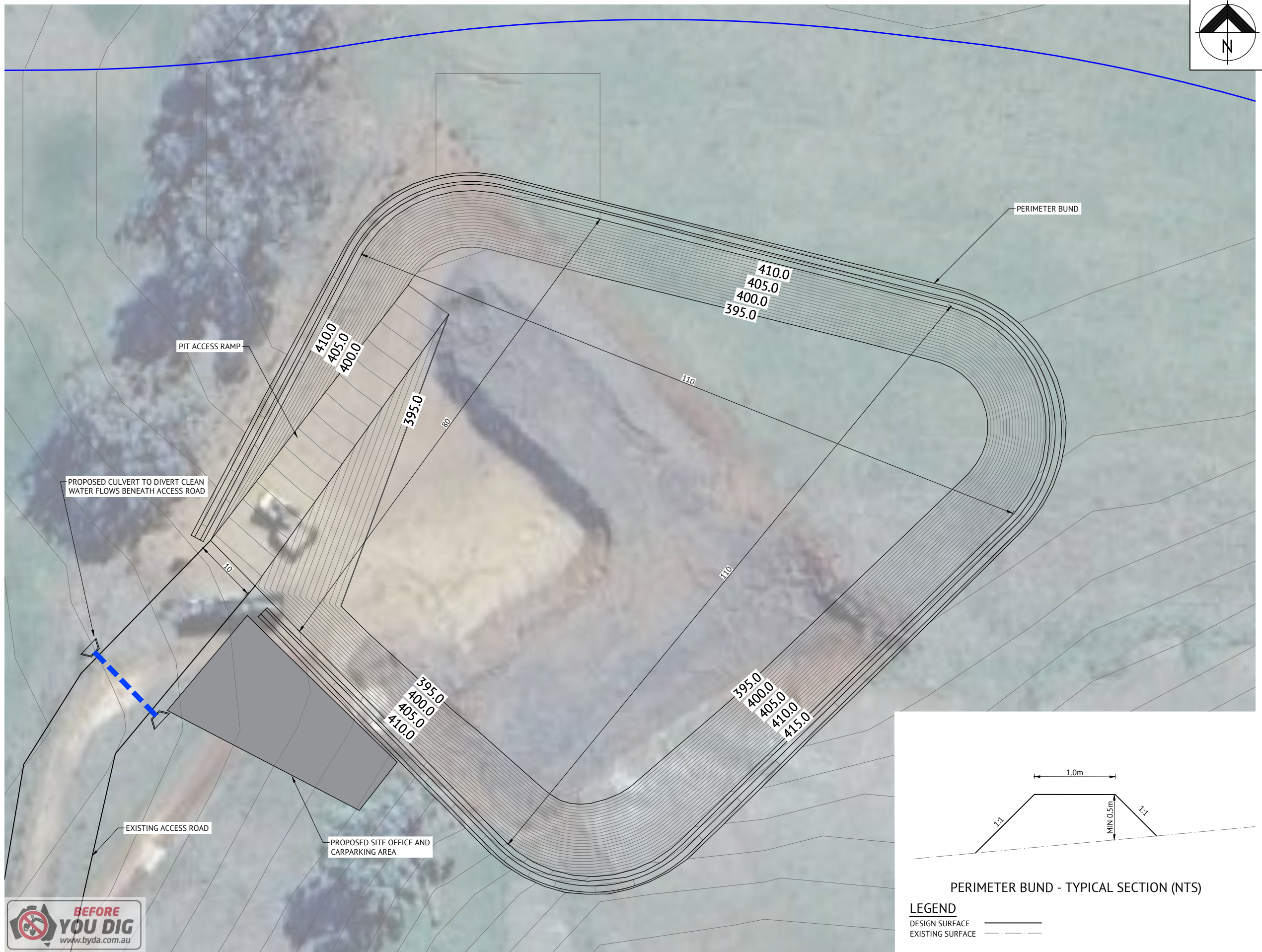
DATE	REV	DESCRIPTION	IW REC	MDH APP
07/12/2023	A	PRELIMINARY - NOT FOR CONSTRUCTION		
REVISIONS				

**NOTES:**

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2. CONTOUR INTERVAL 1m.
3. THESE NOTES ARE AN INTEGRAL PART OF THIS PLAN.

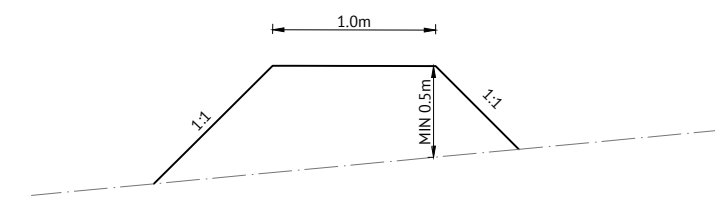
**GENERAL NOTES**

1. PROPOSED QUARRY PIT LOCATION AND EXTENT IS PRELIMINARY ONLY AND SUBJECT TO CHANGE BASED ON GEOLOGICAL ASSESSMENT AND SUITABILITY OF EXCAVATED MATERIAL.
2. PROPOSED QUARRY PIT SURFACE DISTURBANCE AREA APPROXIMATELY 9000M<sup>2</sup>.
3. BATTERS HAVE BEEN PRELIMINARILY DESIGNED AS 2:1 V:H TO BE CONFIRMED BY GEOTECHNICAL ENGINEER PRIOR TO EXCAVATION COMMENCING.
4. BASE OF QUARRY HAS BEEN PRELIMINARILY DESIGNED TO AN ELEVATION OF 395m AHD, WITH AN APPROXIMATE TOTAL VOLUME OF 130,000M<sup>3</sup>. THIS IS BASED ON AN ASSUMED EXTRACTION OF 15,000M<sup>3</sup>/YEAR, WITH A QUARRY LIFESPAN OF 8.5 YEARS.
5. PERIMETER BUND TO BE CONSTRUCTED MINIMUM 0.5m HIGH AND HYDROMULCHED



**LEGEND:**

- 234.0— EXISTING AND DESIGN CONTOURS (1.0m INTERVALS)
- PROPOSED QUARRY EXTENT
- EXISTING ACCESS ROAD
- EPHEMERAL DRAINAGE CHANNEL (CLASS 1 STREAM), APPROXIMATE LOCATION



PERIMETER BUND - TYPICAL SECTION (NTS)

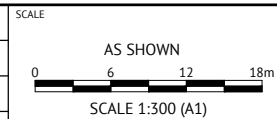
**LEGEND**

- DESIGN SURFACE
- - - EXISTING SURFACE

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DESIGNED	IW
CHECKED	MDH
PROJECT MANAGER	DW

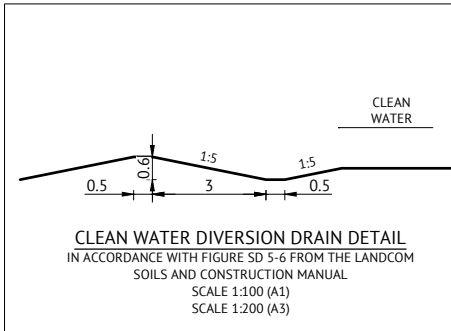


CLIENT	BETTER GROW	JOB CODE	223256_01
PROJECT	PRELIMINARY DESIGN FOR DA	SHEET NUMBER	C003
LOCATION	2152 GOOLMA RD, TWO MILE FLAT, NSW	REV	A
SHEET TITLE	OVERVIEW PLAN		

DATE	REV	DESCRIPTION	IW REC	MDH APP
07/12/2023	A	PRELIMINARY - NOT FOR CONSTRUCTION		

**NOTES:**

1. THIS PLAN IS PREPARED FROM COMBINATION OF A PHOTOGRAMMETRIC AERIAL SURVEY AND DIGITAL RECORDS FOR THE PURPOSE OF ANALYSING THE EXISTING SITE TOPOGRAPHY AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.
2. CONTOUR INTERVAL 1m.
3. THESE NOTES ARE AN INTEGRAL PART OF THIS PLAN.



**SWMP NOTES**

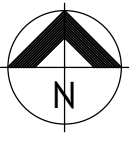
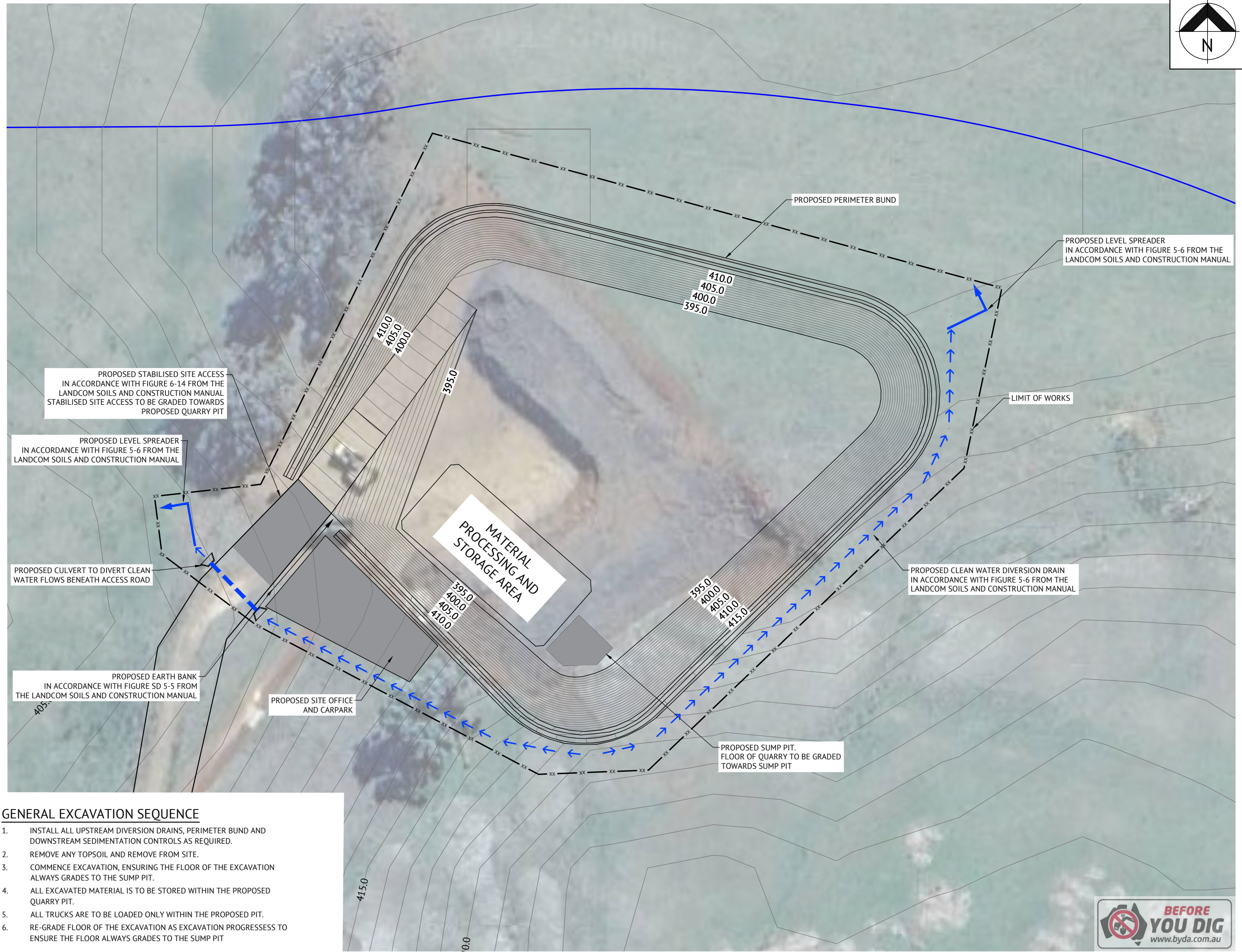
1. ALL SITE ACCESS TO BE VIA THE DESIGNATED STABILISED SITE ACCESS ONLY. SITE TO BE ADEQUATELY FENCED AND SECURED TO ENSURE NO ALTERNATE ACCESS IS POSSIBLE.
2. NO WORKS ARE TO BE COMPLETED OUTSIDE THE LIMIT OF WORKS.
3. STOCKPILES ARE TO BE FORMED IN ACCORDANCE WITH FIGURE SD 4-1 FROM THE LANDCOM SOILS AND CONSTRUCTION MANUAL AT THE LOCATION AS MARKED ON THE ADJACENT PLAN. NO STOCKPILES ARE TO BE LOCATED OUTSIDE THE QUARRY PIT EXTENT.
4. CLEAN WATER DIVERSION DRAINS ARE TO BE INSTALLED AROUND THE UPSLOPE PERIMETER OF THE PROPOSED QUARRY PIT IN ACCORDANCE WITH FIGURE SD 5-6 FROM THE LANDCOM SOILS AND CONSTRUCTION MANUAL.
5. THE FLOOR OF THE QUARRY PIT IS TO GRADE TOWARDS A SUMP IN THE SOUTHERN CORNER TO COLLECT ALL 'DIRTY' WATER.
6. ALL 'DIRTY' WATER IS TO BE CONTAINED WITHIN THE QUARRY PIT AND MAY BE USED FOR DUST SUPPRESSION OR OTHER OPERATIONAL REQUIREMENTS WITHIN THE QUARRY PIT ONLY. 'DIRTY' WATER IS NOT TO BE DISCHARGED OUTSIDE THE QUARRY PIT.
7. SITE OFFICE AND WORKER PARKING IS PERMITTED ONLY IN THE AREAS AS MARKED ON THE ADJACENT PLAN.
8. SUFFICIENT WASTE RECEPTACLES ARE TO BE LOCATED WITHIN THE SITE OFFICE AND EMPTIED AS NECESSARY.
9. SITE MANAGER IS TO INSPECT AND RECORD THE CONDITION OF ALL MEASURES AS OUTLINED IN THE SWMP MONTHLY, OR AFTER ANY PERIOD OF HEAVY OR PROLONGED RAINFALL. RECORDS ARE TO BE KEPT IN THE SITE LOG BOOK.

**LEGEND:**

- 234.0 — EXISTING CONTOURS (1.0m INTERVALS)
- PROPOSED QUARRY EXTENT
- EXISTING ACCESS ROAD
- EPHEMERAL DRAINAGE CHANNEL (CLASS 1 STREAM), APPROXIMATE LOCATION
- xx — LIMIT OF WORKS
- EARTH BANK IN ACCORDANCE WITH FIGURE SD 5-5 FROM THE LANDCOM SOILS AND CONSTRUCTION MANUAL
- SEDIMENT FENCE IN ACCORDANCE WITH FIGURE SD 6-8 FROM THE LANDCOM SOILS AND CONSTRUCTION MANUAL
- S.S.P. SOILS STOCKPILE IN ACCORDANCE WITH FIGURE SD 4-1 FROM THE LANDCOM SOILS AND CONSTRUCTION MANUAL

**GENERAL EXCAVATION SEQUENCE**

1. INSTALL ALL UPSTREAM DIVERSION DRAINS, PERIMETER BUND AND DOWNSTREAM SEDIMENTATION CONTROLS AS REQUIRED.
2. REMOVE ANY TOPSOIL AND REMOVE FROM SITE.
3. COMMENCE EXCAVATION, ENSURING THE FLOOR OF THE EXCAVATION ALWAYS GRADES TO THE SUMP PIT.
4. ALL EXCAVATED MATERIAL IS TO BE STORED WITHIN THE PROPOSED QUARRY PIT.
5. ALL TRUCKS ARE TO BE LOADED ONLY WITHIN THE PROPOSED PIT.
6. RE-GRADE FLOOR OF THE EXCAVATION AS EXCAVATION PROGRESSES TO ENSURE THE FLOOR ALWAYS GRADES TO THE SUMP PIT



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DESIGNED: IW  
CHECKED: MDH  
PROJECT MANAGER: DW

SCALE: AS SHOWN  
0 8 16 24m  
SCALE 1:400 (A1)  
ORIGINAL SHEET SIZE A1

CLIENT: **BETTER GROW**

PROJECT: **PRELIMINARY DESIGN FOR DA**

LOCATION: **2152 GOOLMA RD, TWO MILE FLAT, NSW**

SHEET TITLE: **SOIL & WATER MANAGEMENT PLAN**

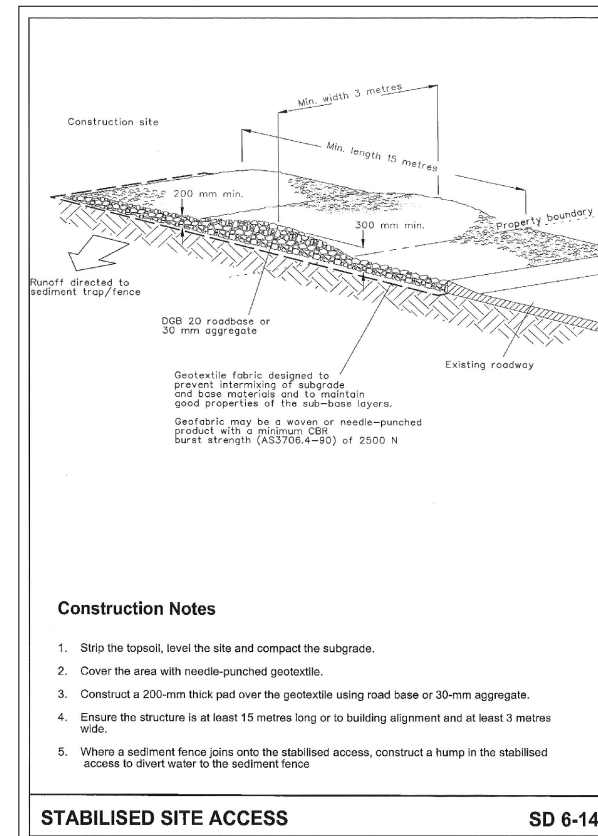
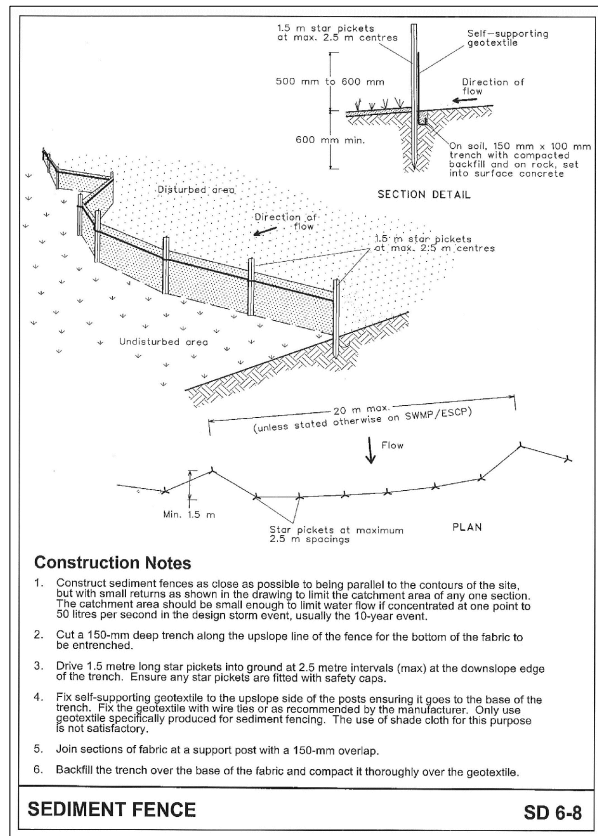
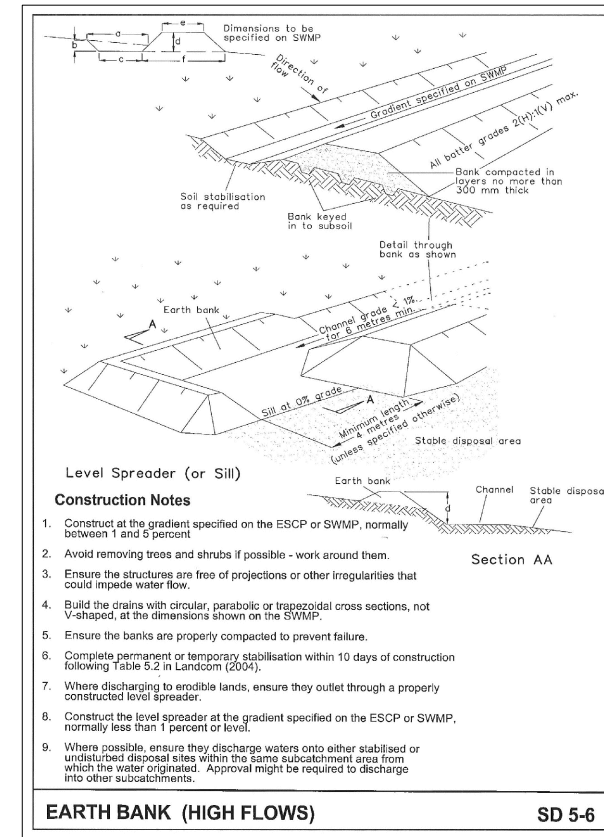
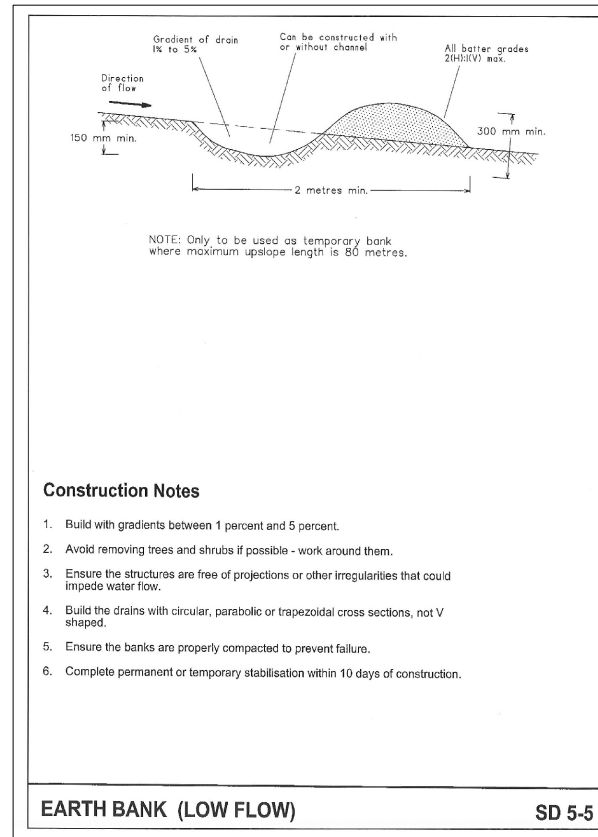
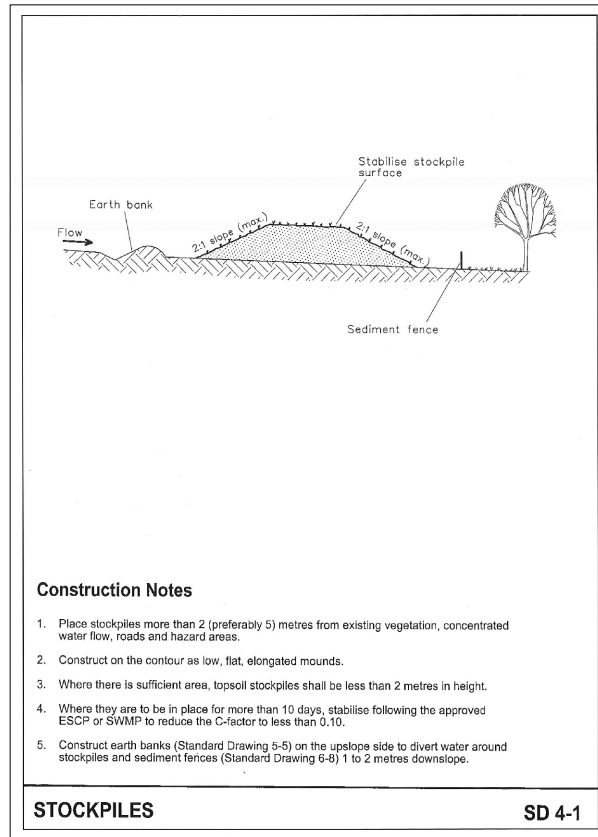
JOB CODE: **223256\_01**

SHEET NUMBER: **C004**

REV: **A**

DATE	REV	DESCRIPTION	IW REC	MDH APP
07/12/2023	A	PRELIMINARY - NOT FOR CONSTRUCTION		
REVISIONS				





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DESIGNED  
IW  
 CHECKED  
MDH  
 PROJECT MANAGER  
DW

SCALE  
 AS SHOWN  
 0 6 12 18m  
 SCALE 1:300 (A1)  
 ORIGINAL SHEET SIZE A1

CLIENT  
**BETTER GROW**  
 PROJECT  
**PRELIMINARY DESIGN FOR DA**  
 LOCATION  
**2152 GOOLMA RD, TWO MILE FLAT, NSW**  
 SHEET TITLE  
**EROSION AND SEDIMENT CONTROL FIGURES**

JOB CODE  
**223256\_01**  
 SHEET NUMBER  
**C005**  
 REV  
**A**

DATE	REV	DESCRIPTION	IW	MDH
07/12/2023	A	PRELIMINARY - NOT FOR CONSTRUCTION		

REVISIONS