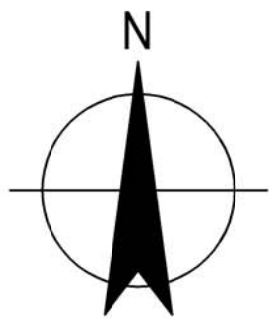
[illegible]

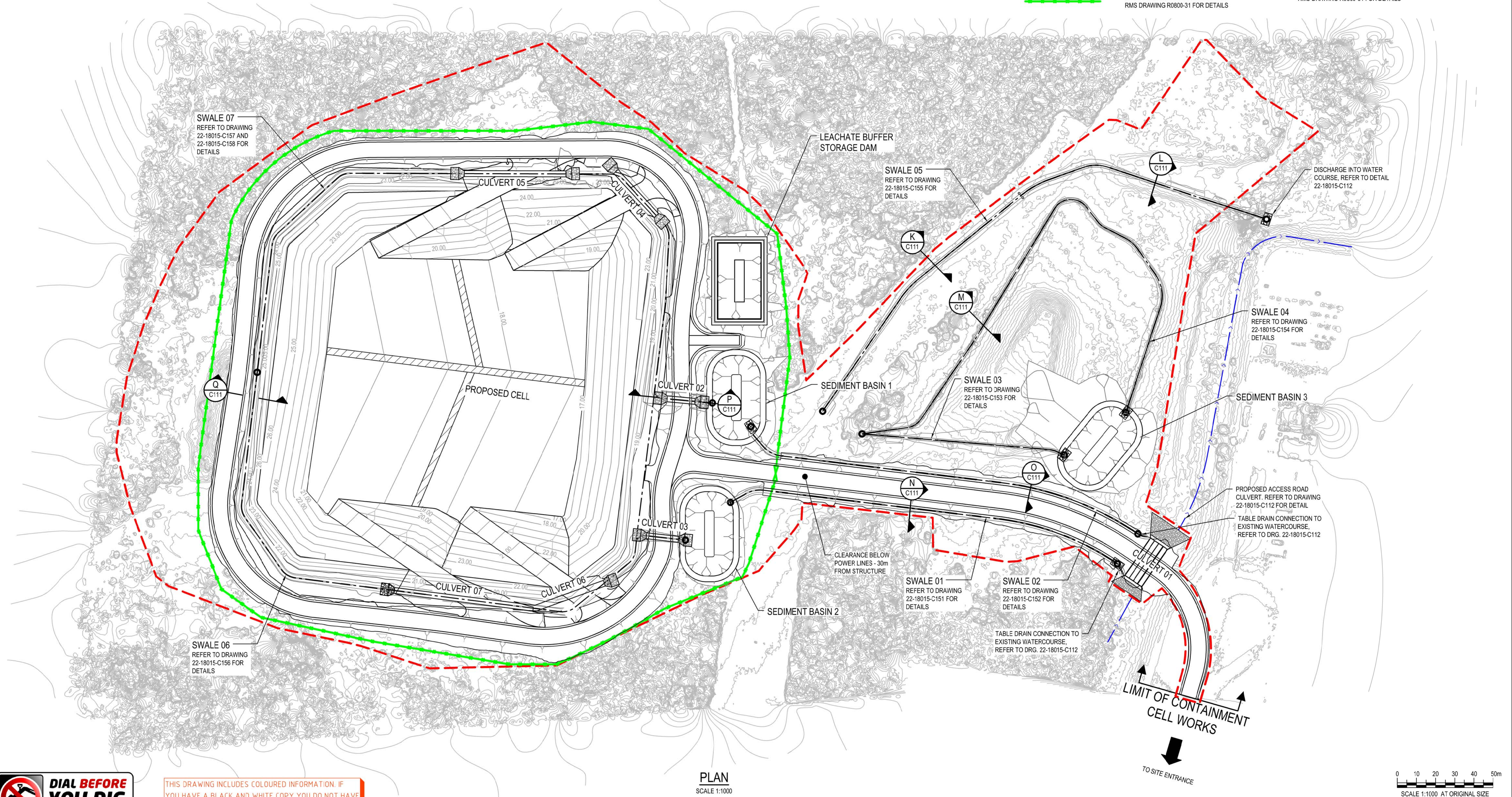


NOTE:

1. REFER TO DRAWING 22-18015-C113 TO 22-18015-C114 FOR CULVERT DETAILS.

LEGEND:

- SWALE CENTRE LINE
- - - - - CONTAINMENT CELL WORKS AREA
--- DESIGN CONTOURS
--- EXISTING CONTOURS
--- DRAINAGE PATH
--- FAUNA EXCLUSION FENCE. REFER TO RMS DRAWING R0800-31 FOR DETAILS
- SWALE CENTRE LINE
--- CONTAINMENT CELL WORKS AREA
--- DESIGN CONTOURS
--- EXISTING CONTOURS
--- DRAINAGE PATH
--- FAUNA EXCLUSION FENCE. REFER TO RMS DRAWING R0800-31 FOR DETAILS
- CULVERT
HEADWALL
EROSION PROTECTION
DISCHARGE POINT
FAUNA EXCLUSION GATE. REFER TO RMS DRAWING R0800-31 FOR DETAILS



PLAN
SCALE 1:1000



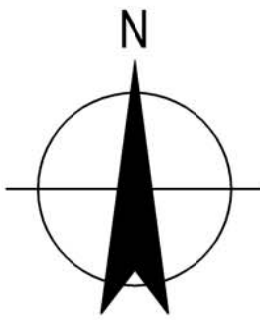
THIS DRAWING INCLUDES COLOURED INFORMATION. IF YOU HAVE A BLACK AND WHITE COPY YOU DO NOT HAVE ALL THE INFORMATION. THIS NOTE IS COLOURED RED.

DETAIL DESIGN

F	100% DETAILED DESIGN RE-ISSUE		HT	DB	IG	04.05.18
E	100% DETAILED DESIGN - RE-ISSUE		CG	DB*	IG*	19.10.17
D	100% DETAILED DESIGN REVIEW COMMENTS		CD	DB*	IG*	15.09.17
C	100% DETAILED DESIGN		JSC	DB*	IG*	04.08.17
B	ISSUE FOR CLIENT REVIEW		EAN	DB*	IG*	13.01.17
No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date



DO NOT SCALE		Drawn J. CASIO	Designer A. ROBERTS	Client HYDRO ALUMINIUM KURRI KURRI PTY LTD
Conditions of Use. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Drafting Check P. ETCHHELLS	Design Check D. BARRETT	Project CONTAINMENT CELL DETAILED DESIGN
		Approved (Project Director) Date		Title GENERAL ARRANGEMENT STORMWATER
Scale 1:1000		This Drawing must not be used for Construction unless signed as Approved		Original Size A1 Drawing No: 22-18015-C023
				Rev: F

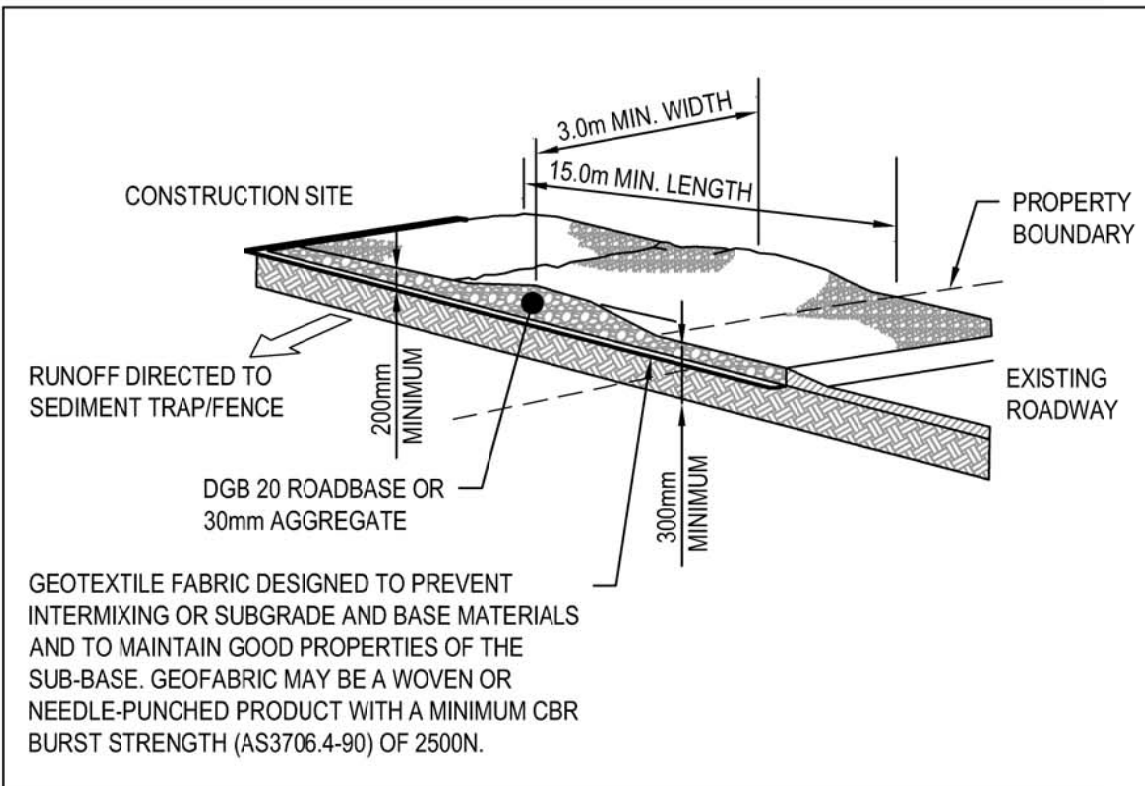


NOTES:

1. ALL STOCKPILE LOCATIONS LOCATED OUTSIDE OF CONTAINMENT CELL WORKS AREA. FINAL LOCATIONS TO BE AGREED WITH HYDRO WITHIN MAIN SITE AREA.
2. THE SEDIMENT & EROSION CONTROL PLAN PRESENTS CONCEPTS ONLY. CONTRACTOR SHALL AT ALL TIMES BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCILS' DESIGN. OTHER REGULATORY AUTHORITY REQUIREMENTS AND MAKE GOOD PAYMENTS OF ALL FEES.
3. THE CONTRACTOR SHALL INSTIGATE ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH STATUTORY REQUIREMENTS AND IN PARTICULAR THE 'BLUE BOOK' (MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION), PRODUCED BY THE DEPARTMENT OF HOUSING AND COUNCILS' POLICIES. THESE MEASURES ARE TO BE INSPECTED AND MAINTAINED ON A DAILY BASIS.
4. THE CONTRACTOR SHALL INFORM ALL SUB CONTRACTOR OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
5. WHERE PRACTICAL, THE SOIL EROSION HAZED ON THE SITE SHALL BE KEPT AS LOW AS POSSIBLE TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE.
 - 5.1 CONSTRUCT TEMPORARY STABILISED SITE ACCESS INCLUSIVE OF SHAKE DOWN / WASHPAD.
 - 5.2 INSTALL ALL TEMPORARY SEDIMENT FENCES AND BARRIER FENCES WHERE FENCES ADJACENT EACH OTHER, THE SEDIMENT FENCE CAN BE INCORPORATED INTO THE BARRIER FENCE.
 - 5.3 INSTALL SEDIMENT CONTROL MEASURE AS OUTLINED ON THE APPROVED PLANS.
6. AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER. LARGE UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL ENSURING CONFORMITY TO REGULATORY AUTHORITY REQUIREMENTS.
7. WATER SHALL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS THE CATCHMENT AREA HAS BEEN STABILISED AND/OR ANY LIKELY SEDIMENT BEEN FILTERED OUT.
8. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES SHALL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED / REHABILITATED.
9. ALLOW FOR GRASS STABILISATION OF EXPOSED AREAS, OPEN CHANNELS AND ROCK BATTERS DURING ALL PHASES OF CONSTRUCTION.
10. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND/OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING RAIN EVENTS.

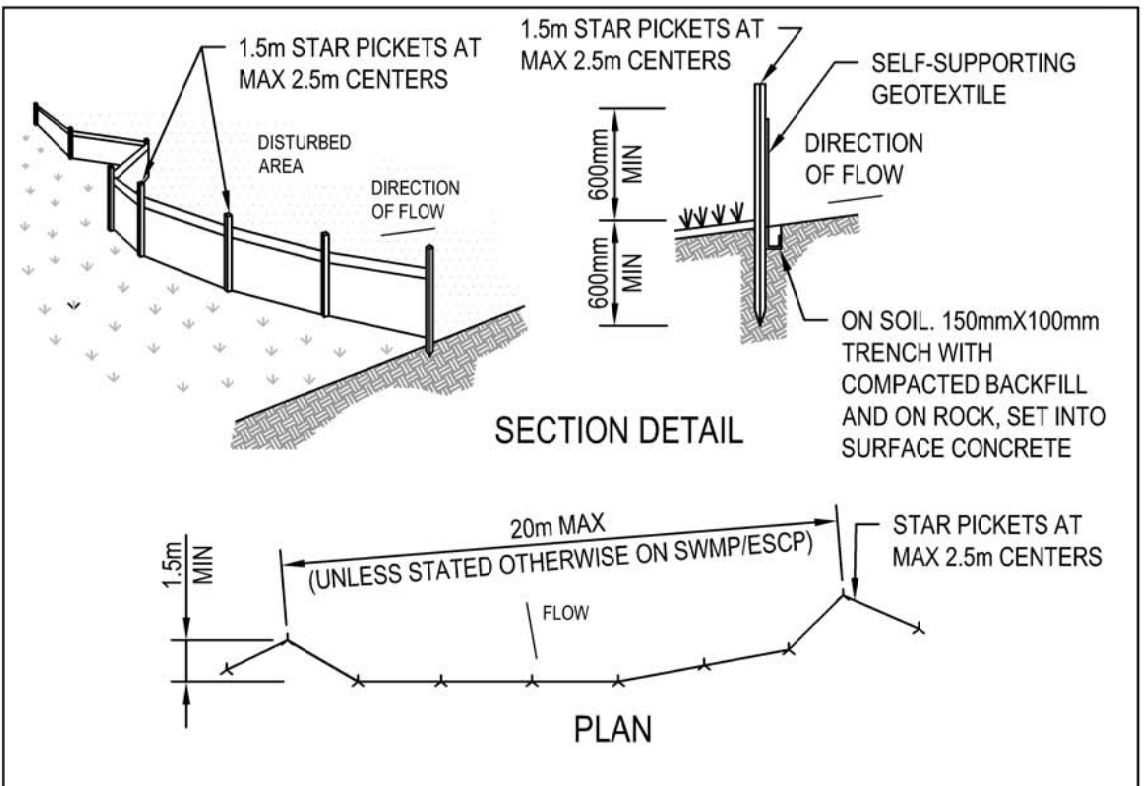
LEGEND:

- CONTAINMENT CELL WORKS AREA
- LEA --- LEACHATE COLLECTION TRENCH
- GROUNDWATER, LEAK DETECTION AND LEACHATE RISER PIPEWORK
- SEDIMENT FENCING
- DISCHARGE POINT



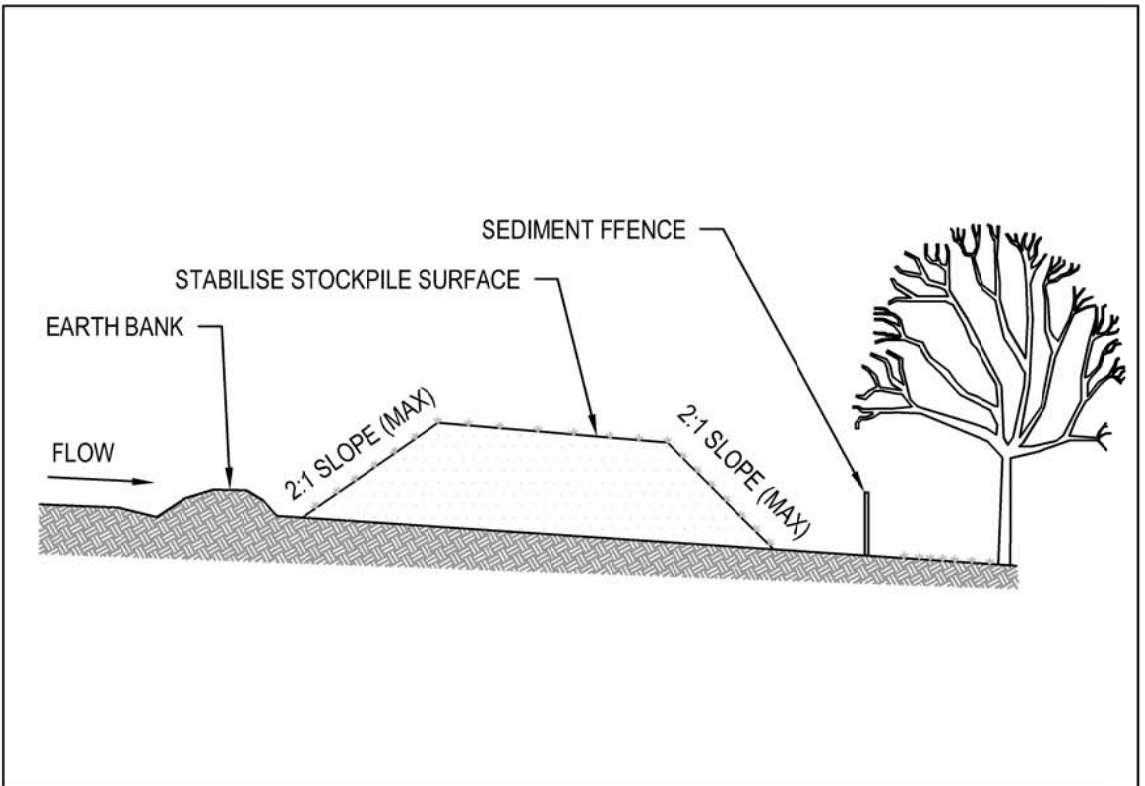
STABILISED SITE ACCESS

24
NTS



SEDIMENT FENCE

25
NTS



STOCKPILES

26
NTS

DETAIL DESIGN



THIS DRAWING INCLUDES COLOURED INFORMATION. IF YOU HAVE A BLACK AND WHITE COPY YOU DO NOT HAVE ALL THE INFORMATION. THIS NOTE IS COLOURED RED.

PLAN
SCALE 1:1000

0 10 20 30 40 50m
SCALE 1:1000 AT ORIGINAL SIZE

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Job Manager	Project Director	Date
B	100% DETAILED DESIGN RE-ISSUE		HT	DB	IG	04.05.18
A	100% DETAILED DESIGN		JSC	DB*	IG*	04.08.17



Suite 10, 6 Reliance Drive Tuggerah Business Park
PO Box 3220 Tuggerah NSW 2259
T 61 2 4350 4100 F 61 2 4350 4101
E centralcoastmail@ghd.com W www.ghd.com

DO NOT SCALE		Drawn J. CASIO	Designer A. ROBERTS	Client	HYDRO ALUMINIUM KURRI KURRI PTY LTD	
Conditions of Use. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	Drafting Check	P. ETCHHELLS	Design Check	D. MORRISON	Project	CONTAINMENT CELL DETAILED DESIGN
	Approved (Project Director)				Title	EROSION AND SEDIMENT CONTROL PLANS AND DETAILS
	Date					
	Scale AS SHOWN	This Drawing must not be used for Construction unless signed as Approved.			Original Size A1	Drawing No: 22-18015-C163
					Rev:	B