



**Central Queensland Coal Project
Appendix 16b – Mine Dam 1 Civil
Drawings**

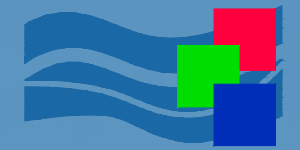
Central Queensland Coal

CQC SEIS, Version 3

October 2020

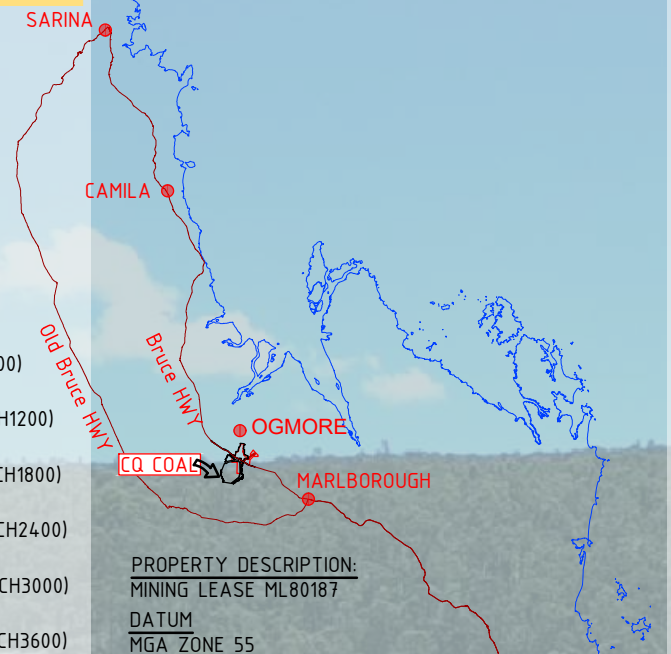


CENTRAL QUEENSLAND COAL



DRAWING INDEX

SHEET	DWG NO.	REV	DESCRIPTION
CIVIL WORKS			
1	G1706-02-GA-1	4	SITE PLAN
DAM #1 AND BUND WALL			
2	G1706-02-DAM-1	4	SITE PLAN & DAM EMBANKMENT ALIGNMENT SETOUT
3	G1706-02-DAM-2	4	TYPE CROSS SECTION & DETAILS SHEET 1 OF 2
4	G1706-02-DAM-3	4	TYPE CROSS SECTION & DETAILS SHEET 2 OF 2
5	G1706-02-DAM-4	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 1 OF 9 (CH0-CH600)
6	G1706-02-DAM-5	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 2 OF 9 (CH600-CH1200)
7	G1706-02-DAM-6	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 3 OF 9 (CH1200-CH1800)
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10	G1706-02-DAM-9	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 6 OF 9 (CH3000-CH3600)
11	G1706-02-DAM-10	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 7 OF 9 (CH3600-CH4200)
12	G1706-02-DAM-11	4	EMBANKMENT PLAN & LONGITUDINAL SECTIONS SHEET 8 OF 9 (CH4200-CH4800)
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14	G1706-02-DAM-13	4	EMBANKMENT CROSS SECTIONS SHEET 1 OF 6 (CH0-CH900)
15	G1706-02-DAM-14	4	EMBANKMENT CROSS SECTIONS SHEET 2 OF 6 (CH1000-CH1800)
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17	G1706-02-DAM-16	4	EMBANKMENT CROSS SECTIONS SHEET 4 OF 6 (CH2700-CH3400)
18	G1706-02-DAM-17	4	EMBANKMENT CROSS SECTIONS SHEET 5 OF 6 (CH3500-CH4495.18)
19	G1706-02-DAM-18	4	EMBANKMENT CROSS SECTIONS SHEET 6 OF 6 (CH4500-CH5051.778)
20	G1706-02-DAM-19	4	SPILLWAY OUTLET CHANNEL PLAN & LONGITUDINAL SECTION
21	G1706-02-DAM-20	4	SPILLWAY OUTLET CHANNEL CROSS SECTIONS



IMPORTANT NOTICE

- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE CAPRICORN MUNICIPAL DEVELOPMENT GUIDELINES UNLESS DIRECTED OTHERWISE. SPECIFICATIONS AND STANDARD DRAWINGS ARE AVAILABLE FROM <http://www.cmdg.com.au/>.
- THE CONTRACTOR MUST AT ALL TIMES ADOPT 'SAFE' WORK PRACTICES, CONSTRUCTION TECHNIQUES & MUST ENSURE THAT THE SITE IS ALWAYS MANAGED IN A MANNER THAT ENSURES THE SAFETY & WELL BEING OF PROPERTY, ENVIRONMENT & PERSONNEL AND OTHERS ENTERING THE SITE & ADJACENT TO THE SITE. A 'ZERO HARM' POLICY IS REQUIRED TO BE ENFORCED AT ALL TIMES.
- THESE DRAWINGS HAVE BEEN PREPARED FOR THE EXPRESS USE BY CENTRAL QUEENSLAND COAL FOR THE CONSTRUCTION OF THE CENTRAL QUEENSLAND COAL MINE CIVIL WORKS. THEY ARE NOT INTENDED TO BE USED FOR ANY OTHER PURPOSE WHATSOEVER.
- AUSTRALIAN MINING ENGINEERING CONSULTANTS PTY LTD ACCEPTS NO RESPONSIBILITY WHATSOEVER FOR ANY LOSS OR DAMAGE SUFFERED HOWSOEVER ARISING TO ANY PERSON OR CORPORATION WHO MAY RELY ON OR USE THESE DRAWINGS IN CONTRAVENTION OF THE TERMS OF ANY NOTES SHOWN ON THIS SET OF DRAWINGS.
- THESE NOTES FORM AN INTEGRAL PART OF THIS SET OF DRAWINGS.
- SAFETY IN DESIGN INFORMATION. THE CONTRACTOR IS ADVISED THAT THERE MAY BE ADDITIONAL HAZARDS/RISKS NOT NORMALLY ASSOCIATED OR INFERRED WITH THE TYPE OF WORKS DETAILED ON THESE DRAWINGS.

EXISTING LEVELS AND SERVICES

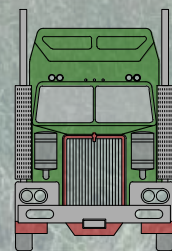
- NO WORK IS TO BE STARTED WITHIN 3m OF EXISTING SERVICES PRIOR TO NOTIFYING THE RELEVANT SERVICE AUTHORITY. DETAILS OF EXISTING SERVICES INCLUDING LOCATIONS POSITION AND LEVEL THAT HAVE ALREADY BEEN DETERMINED ARE SHOWN ON THE DRAWINGS. PRIOR TO COMMENCING CONSTRUCTION WORKS THE CONTRACTOR SHALL OBTAIN THE NECESSARY SERVICE DETAILS FROM 'DIAL BEFORE YOU DIG' AND THE SERVICE AUTHORITY FOR ALL SERVICES SHOWN ON THE DRAWINGS AND ANY OTHERS STILL TO BE LOCATED. CONNECTION TO EXISTING SERVICES SHALL BE CARRIED OUT BY THE RELEVANT SERVICE AUTHORITY UNLESS AUTHORISED OTHERWISE BY THE AUTHORITY. ANY WORKS WITHIN THE VICINITY OF EXISTING SERVICES INCLUDING ANY REQUIREMENTS FOR PROTECTION WORKS TO THE SERVICES SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS AND AS DIRECTED BY THE SERVICE AUTHORITY.
- THE CONTRACTOR MUST VERIFY THAT THE EXISTING LEVELS AT POINTS WHERE CONNECTIONS TO EXISTING INFRASTRUCTURE ARE REQUIRED ARE AS PER THIS DESIGN. ANY DIFFERENCES TO BE NOTIFIED TO THE ENGINEER PRIOR TO ORDERING MATERIALS OR COMMENCING ANY WORKS.
- PRIOR TO COMMENCING WORKS THE CONTRACTOR MUST VERIFY LOCATION AND DETAILS OF ALL EXISTING SERVICE CONNECTIONS TO NEW ALLOTMENTS PREVIOUSLY INSTALLED BY OTHERS.

ENVIRONMENTAL MANAGEMENT

- THE CONTRACTOR IS DEEMED TO BE FAMILIAR WITH THE CURRENT ENVIRONMENTAL LAWS AND HIS LEGAL RESPONSIBILITIES AND LIABILITIES UNDER THE LAWS.
- THE CONTRACTOR IS DEEMED TO BE RESPONSIBLE FOR THE ENVIRONMENTAL MANAGEMENT OF THE SITE FOR THE DURATION OF THE CONTRACT AND IS RESPONSIBLE FOR ANY BREACHES TO THE LAWS.
- THE CONTRACTOR MUST HAVE AND MAINTAIN IN FORCE AN ENVIRONMENTAL PLAN FOR THE DURATION OF THE CONTRACT WHICH SHALL INCORPORATE BUT NOT BE LIMITED TO ANY SEDIMENT AND EROSION CONTROL REQUIREMENTS INCLUDED IN THE CONTRACT DOCUMENTATION.
- ENVIRONMENTAL LAW REQUIRES THE CONTRACTOR TO EXERCISE DUE DILIGENCE IN PREVENTING THE OPERATIONS OF HIS PERSONEL AND OTHERS WHO ENTER THE SITE WITH OR WITHOUT HIS PERMISSION FROM BREACHING ENVIRONMENTAL LAWS.
- ANY BREACH TO THE LAWS MUST BE REPORTED TO THE APPROPRIATE AUTHORITIES AS SOON AS POSSIBLE.

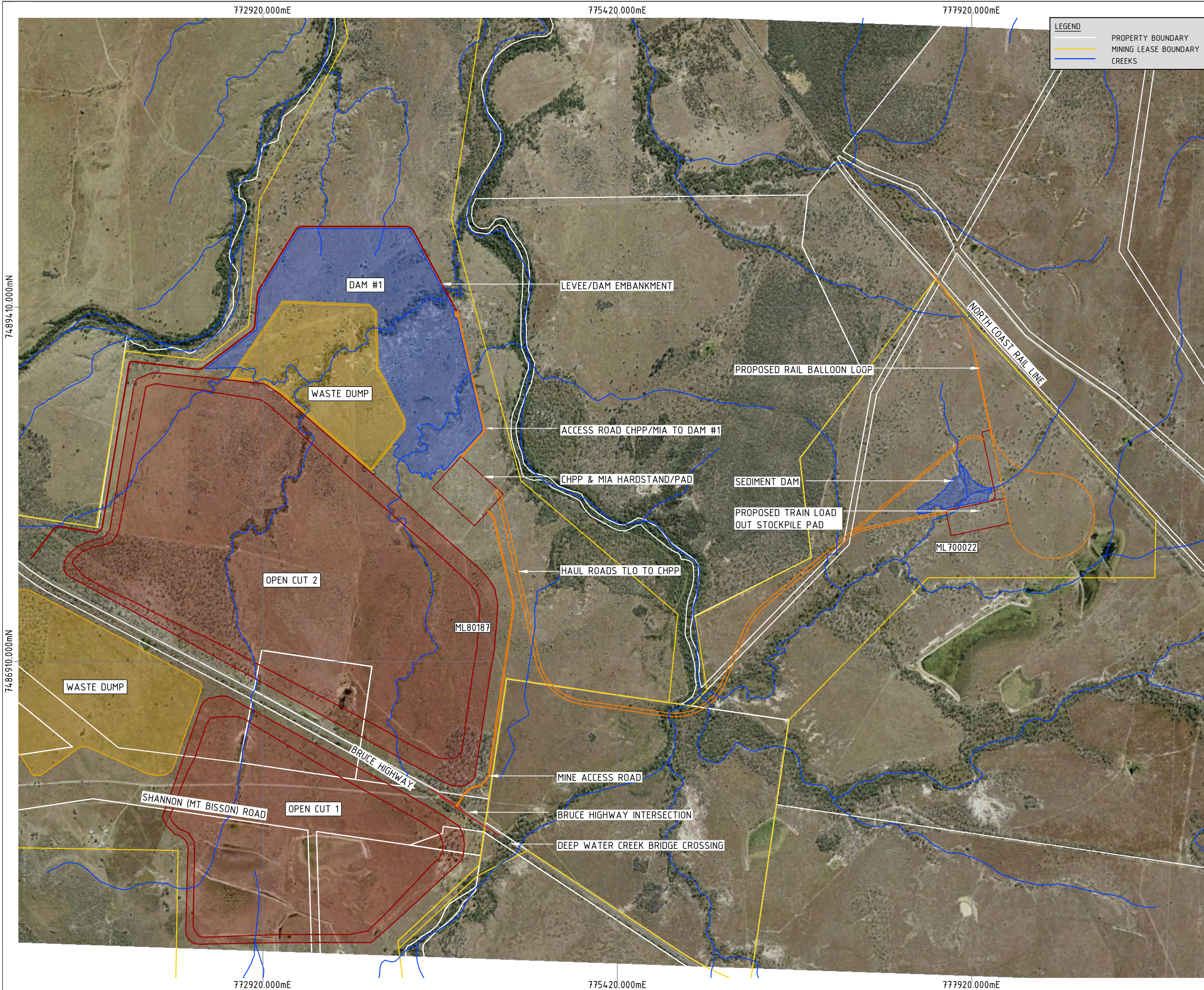
STANDARD DRAWINGS

- UNLESS NOTED OTHERWISE REFERENCES TO STANDARD DRAWINGS "STD DWG" ARE CAPRICORN MUNICIPAL DEVELOPMENT GUIDELINES (CMDG) STANDARD DRAWINGS OR TRANSPORT MAIN ROADS (TMR) STANDARD DRAWINGS.



CENTRAL QUEENSLAND COAL MINE
HAUL ROAD CHPP/MIA TO TLO
JOB NO. G2001/01





LEGEND

- PROPERTY BOUNDARY
- MINING LEASE BOUNDARY
- CREEKS

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55



COX ANDREWS ENGINEERS PTL
 CONSULTING ENGINEERS
 ACN 054 355 252
 email: adslu3d8@tpg.com.au

NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	19/04/18	FIRST ISSUE	GK
2	29/06/18	UPDATED POST TMR	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN: ASC DATE 22/07/17

DESIGN: ASC DATE 22/07/17



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AUSTRALIAN MINING ENGINEERING CONSULTANTS
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RPEQ 4321 AUTHORIZED FOR ISSUE DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 SITE PLAN

FILE NO: G1706-02-GA1.DWG

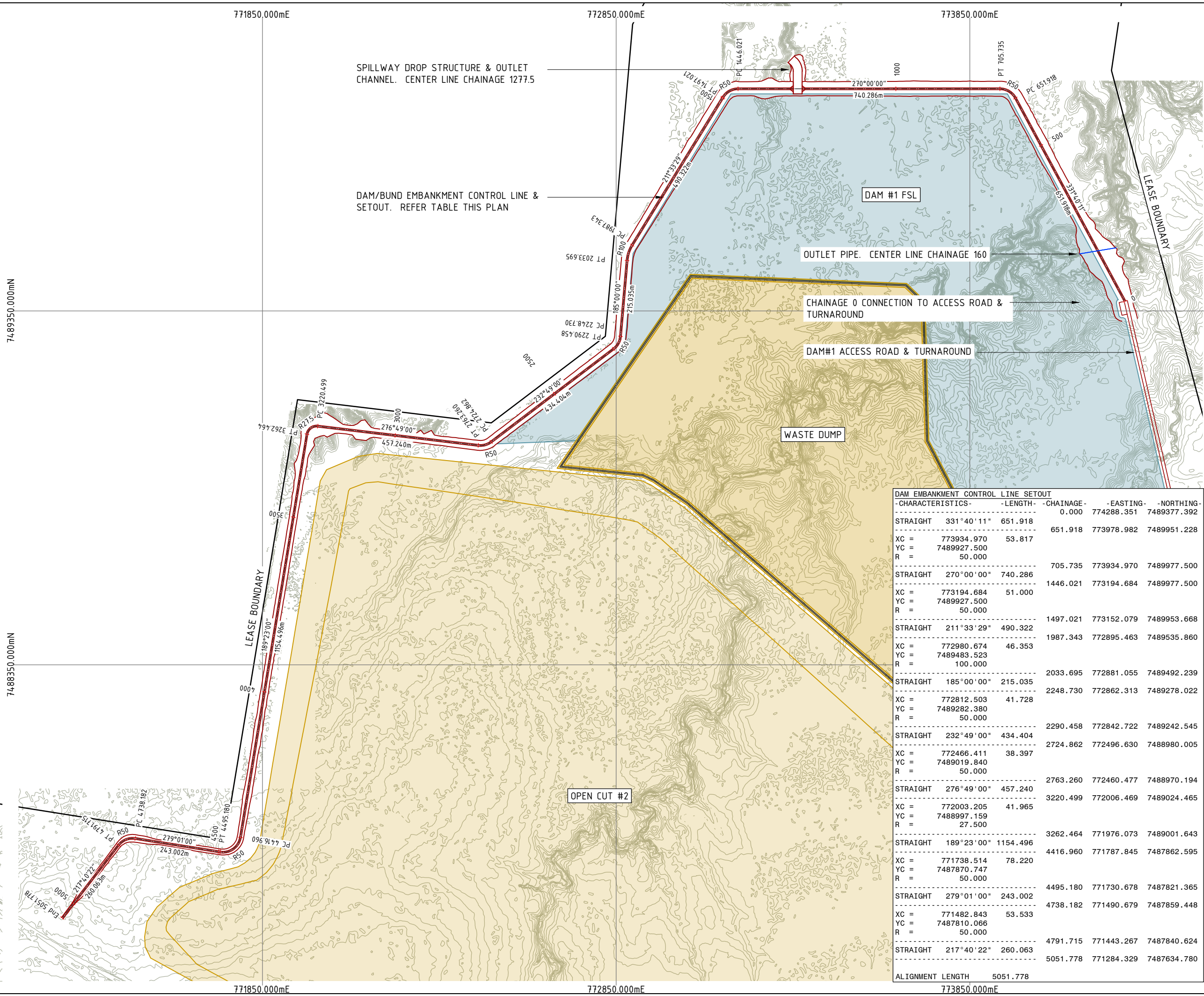
JOB NO: G1706/02

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DRAWING NUMBER: G1706-02-GA-1 ISSUE SHEET NO: 4 1

PRINT IN COLOUR

02. g2001-01-dam1 (dam.1 site plan).dwg



DO NOT SCALE OFF DRAWING DIMENSIONS METERS UNO

SURVEY DATUM MGA55
CONTOURS 0.5m NATURAL SURFACE



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AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



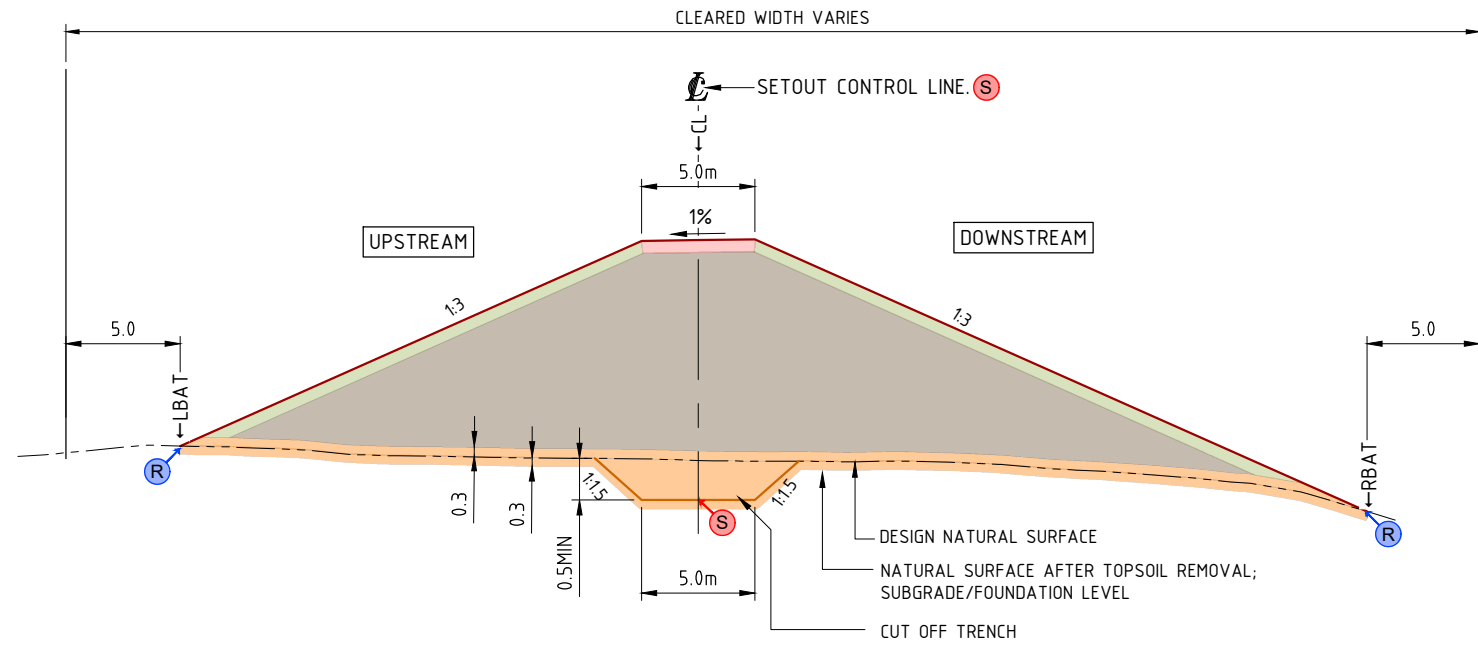
COX ANDREWS ENGINEERS PTL
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BRISBANE, GLADSTONE

AUTHORISED FOR ISSUE	DATE
CENTRAL QUEENSLAND COAL PTL	
CENTRAL QUEENSLAND COAL PROJECT	
CIVIL WORKS	
DAM #1	
SITE PLAN & EMBANKMENT	
ALIGNMENT SETOUT	
FILE NO G2001-01-DAM1.DWG	
JOB NO G2001/01	
SCALE 0 1:10000 HORZ. 200 AT A3 SIZE	
DRAWING NUMBER G1706-02-DAM-1	ISSUE SHEET NO. 4 2

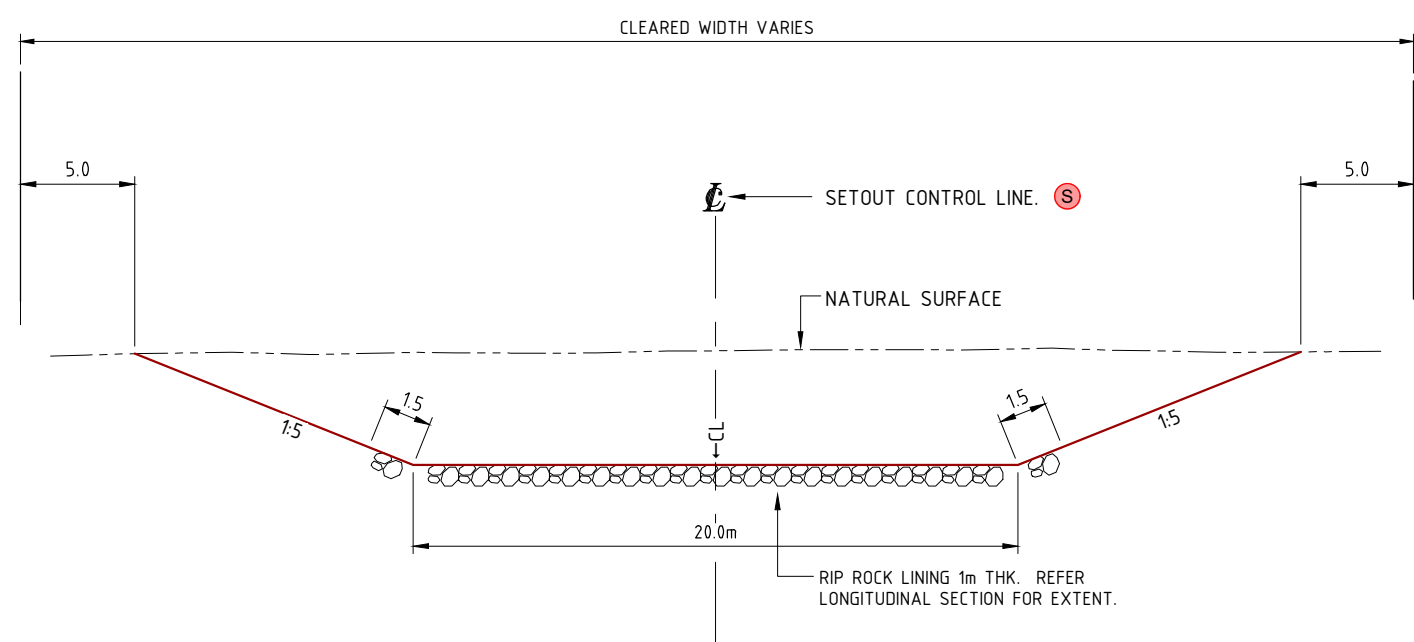
DAM EMBANKMENT CONTROL LINE SETOUT				
-CHARACTERISTICS-	-LENGTH-	-CHAINAGE-	-EASTING-	-NORTHING-
		0.000	774288.351	7489377.392
STRAIGHT 331°40'11"	651.918			
XC = 773934.970	53.817	651.918	773978.982	7489951.228
YC = 7489927.500				
R = 50.000				
		705.735	773934.970	7489977.500
STRAIGHT 270°00'00"	740.286			
XC = 773194.684	51.000	1446.021	773194.684	7489977.500
YC = 7489927.500				
R = 50.000				
		1497.021	773152.079	7489953.668
STRAIGHT 211°33'29"	490.322			
XC = 772980.674	46.353	1987.343	772895.463	7489535.860
YC = 7489483.523				
R = 100.000				
		2033.695	772881.055	7489492.239
STRAIGHT 185°00'00"	215.035			
XC = 772812.503	41.728	2248.730	772862.313	7489278.022
YC = 7489282.380				
R = 50.000				
		2290.458	772842.722	7489242.545
STRAIGHT 232°49'00"	434.404			
XC = 772466.411	38.397	2724.862	772496.630	7488980.005
YC = 7489019.840				
R = 50.000				
		2763.260	772460.477	7488970.194
STRAIGHT 276°49'00"	457.240			
XC = 772003.205	41.965	3220.499	772006.469	7489024.465
YC = 7488997.159				
R = 27.500				
		3262.464	771976.073	7489001.643
STRAIGHT 189°23'00"	1154.496			
XC = 771738.514	78.220	4416.960	771787.845	7487862.595
YC = 7487870.747				
R = 50.000				
		4495.180	771730.678	7487821.365
STRAIGHT 279°01'00"	243.002			
XC = 771482.843	53.533	4738.182	771490.679	7487859.448
YC = 7487810.066				
R = 50.000				
		4791.715	771443.267	7487840.624
STRAIGHT 217°40'22"	260.063			
XC = 771284.329		5051.778	771284.329	7487634.780
YC = 7487634.780				
R = 50.000				
ALIGNMENT LENGTH	5051.778			

PRINT IN COLOUR

03_g2001-01-dam2 (dam 1 type xssecs & details).dwg



TYPE CROSS SECTION DAM EMBANKMENT
NTS



TYPE CROSS SECTION SPILLWAY OUTLET CHANNEL
NTS

TYPE CROSS NOTES DAM WALL EMBANKMENT

- ZONE 1 ■ GOOD QUALITY, NON-DISPERSIVE, IMPERVIOUS WELL GRADED SANDY/SILTY CLAY MATERIAL; LL 30% - 60%; PI 15% - 45%; & EMMERSON DISPERSION CLASSIFICATION GREATER THAN 4. OUTER FACE TO BE WHEEL ROLLED & FINAL TRIMMED; LIGHTLY SCARIFY THEN APPLY 100mm TOPSOIL.
- ZONE 2 ■ GOOD QUALITY, NON-DISPERSIVE, IMPERVIOUS WELL GRADED SANDY/SILTY CLAY MATERIAL; LL 30% - 60%; PI 15% - 45%; & EMMERSON DISPERSION CLASSIFICATION GREATER THAN 4.
- ZONE 3 ■ FOUNDATION AREA. REMOVE MIN 150mm-300mm EXIST TOPSOIL. COMPACT FOUNDATION. EXCAVATE CUT OFF WALL. GOOD QUALITY, NON-DISPERSIVE, IMPERVIOUS WELL GRADED SANDY/SILTY CLAY MATERIAL; LL 30% - 60%; PI 15% - 45%; MIN 20% PASSING 75µm; & EMMERSON DISPERSION CLASSIFICATION GREATER THAN 4.
- ZONE 5 ■ ROAD PAVEMENT. 150mm FRESH PERMIAN SNADSTONE SPOIL.
- RE-VEGETATION OF CREST & BATTERS TO BE ADVISED BY PRINCIPAL.

COMPACTION STANDARD 100% STANDARD (AS1289) AT OMC ±2%

AUDIT TESTING SCHEDULE DAM EMBANKMENT

ITEM	FIELD DENSITY (AUSTRALIAN STANDARD)	TEST FREQUENCY
SUBGRADE/FOUNDATION PREPARATION	FOUR (4) TEST ONE EACH SIDE; MINIMUM OF 100% STANDARD COMPACTION REQUIRED	
CUT OFF TRENCH	FOUR (4) TEST ONE EACH SIDE; MINIMUM OF 100% STANDARD COMPACTION REQUIRED	
EMBANKMENT MATERIAL INCL. CUT OFF TRENCH	FOR EACH MATERIAL ZONE 2 & 3 FOUR (4) TEST ONE EACH SIDE; MINIMUM OF 100% STANDARD COMPACTION REQUIRED.	
EMBANKMENT MATERIAL QUALITY INCL. CUT OFF TRENCH	FOR EACH MATERIAL ZONE 2 & 3 FOUR (4) TEST ONE EACH SIDE, IE GRADING, ATTERBERGS INCL. SHRINKAGE & EMMERSON CLASS DISPERSION.	

ALL TEST LOCATIONS TO BE RECORDED WITH GPS CO-ORDINATES

LEGEND

- R DESIGN SURFACE BATTER INTERCEPT POINT. ADJUST ON SITE TO SUIT ACTUAL NATURAL SURFACE. REFER CO-ORDINATE TABLES FOR DEIGN OFFSETS & LEVELS
- S REFERENCE POINT WITH ALIGNMENT SETOUT DETAILS - CENTER LINE
- R CROSS SECTION SETOUT REFERENCE CODE (TYP). REFER CO-ORDINATE TABLES ON PLAN & LONGITUDINAL SECTIONS

TYPE CROSS SECTION NOTES - SPILLWAY OUTLET CHANNEL

- NATURAL SURFACE PREPARATION: CLEAR & GRUB; REMOVE TOPSOIL AND STOCKPILE FOR USE WITH RE-VEGETATION.
- RIP RAP ROCK LINING: RIP RAP ROCK LINING TO BE UNIFORMLY GRADED 0.5m THK DENSE, HARD & DURABLE MATERIAL; $D_{50}=500\text{mm}$, MAX SIZE=750mm, 90% > 300mm; GEOFABRIC UNDERLAY - BIDIM @ A34 OR EQUIV. FINISHED SURFACE TO MATCH DESIGN SURFACE LEVELS. VOIDS TO BE FILLED WITH TOPSOIL.

DO NOT SCALE OFF DRAWING DIMENSIONS METERS UNO

SURVEY DATUM MGA55



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AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN	ASC	DATE	05/18
DESIGN	ASC	DATE	05/18



COX ANDREWS ENGINEERS PTL
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BRISBANE, GLADSTONE

AUTHORISED FOR ISSUE DATE

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1
TYPE CROSS SECTIONS & DETAILS
SHEET 1 OF 2

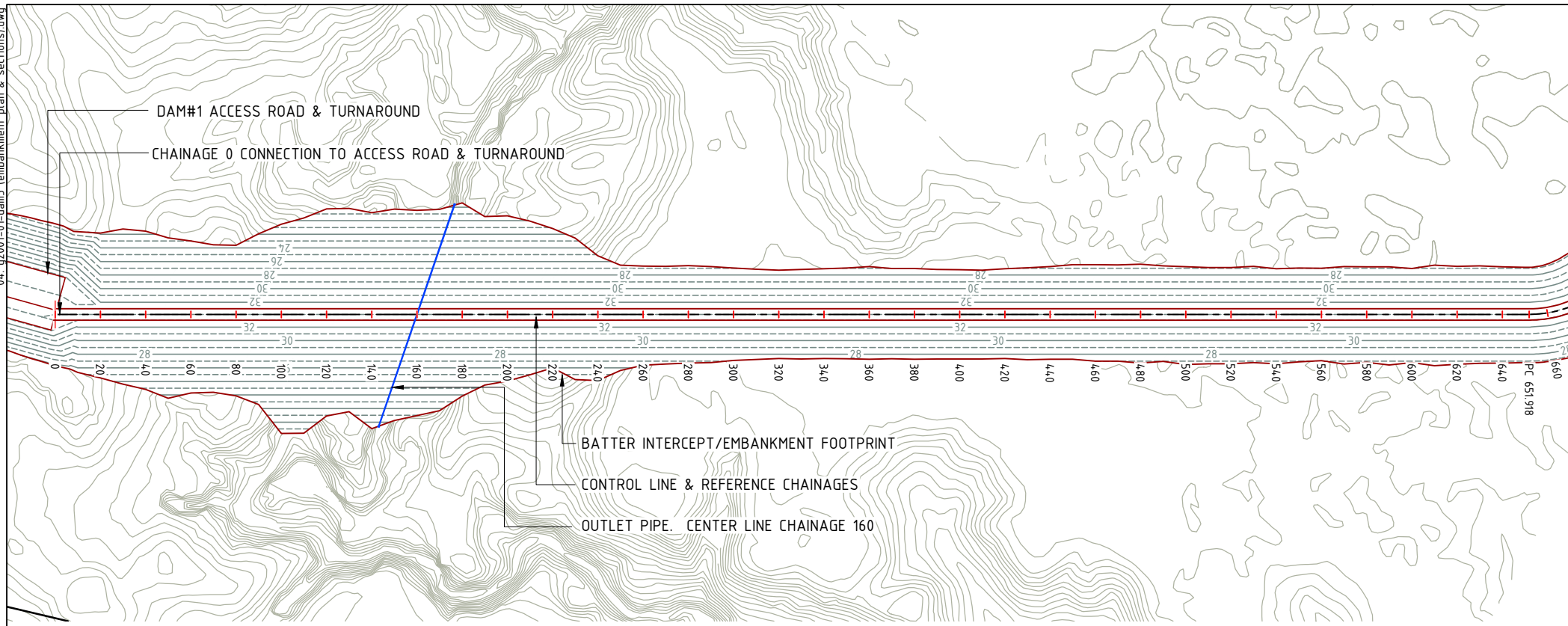
FILE NO
G2001-01-DAM2.DWG
JOB NO
G2001/01

SCALE AT A3 SIZE
NOT TO SCALE

DRAWING NUMBER ISSUE SHEET NO.
G1706-02-DAM-2 4 3

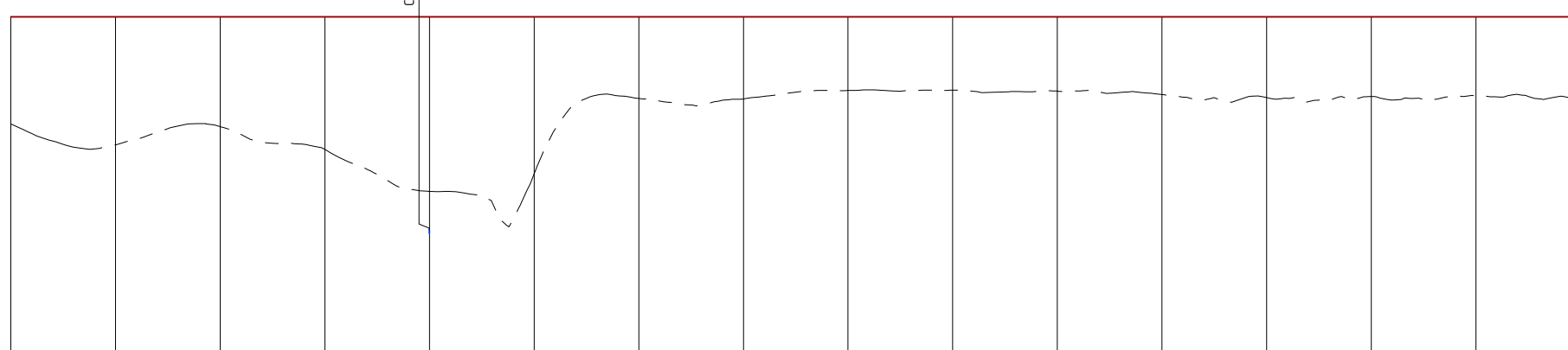
PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan_sections.dwg



SETOUT DETAIL CL & BATTER INTERCEPTS				
CHAINAGE	OFFSET	EASTING	NORTHING	CODE
0.000	-34.951	774257.586	7489360.806	LBAT
0.000	0.000	774288.351	7489377.392	CL
0.000	24.213	774309.664	7489388.882	RBAT
20.000	-35.996	774247.175	7489377.914	LBAT
20.000	0.000	774278.860	7489394.997	CL
20.000	28.065	774303.564	7489408.315	RBAT
40.000	-36.855	774236.928	7489395.112	LBAT
40.000	0.000	774269.369	7489412.601	CL
40.000	33.180	774298.574	7489428.347	RBAT
60.000	-32.490	774231.279	7489414.787	LBAT
60.000	0.000	774259.878	7489430.206	CL
60.000	34.655	774290.383	7489446.651	RBAT
80.000	-30.594	774223.457	7489433.292	LBAT
80.000	0.000	774250.387	7489447.810	CL
80.000	36.025	774282.097	7489464.906	RBAT
100.000	-39.873	774205.799	7489446.493	LBAT
100.000	0.000	774240.896	7489465.415	CL
100.000	52.559	774287.160	7489490.357	RBAT
120.000	-46.617	774190.371	7489460.897	LBAT
120.000	0.000	774231.405	7489483.019	CL
120.000	44.838	774270.872	7489504.297	RBAT
140.000	-44.970	774182.330	7489479.283	LBAT
140.000	0.000	774221.914	7489500.624	CL
140.000	50.400	774266.277	7489524.541	RBAT
160.000	-46.007	774171.926	7489496.395	LBAT
160.000	0.000	774212.423	7489518.228	CL
160.000	44.646	774251.721	7489539.415	RBAT
180.000	-49.341	774159.500	7489512.418	LBAT
180.000	0.000	774202.932	7489535.833	CL
180.000	36.062	774234.674	7489552.946	RBAT
200.000	-43.584	774155.077	7489532.755	LBAT
200.000	0.000	774193.440	7489553.437	CL
200.000	29.357	774219.282	7489567.369	RBAT
220.000	-37.961	774150.535	7489553.027	LBAT
220.000	0.000	774183.949	7489571.042	CL
220.000	23.623	774204.743	7489582.252	RBAT
240.000	-25.910	774151.652	7489576.351	LBAT
240.000	0.000	774174.458	7489588.647	CL
240.000	29.208	774200.168	7489602.507	RBAT
260.000	-21.353	774146.171	7489596.118	LBAT
260.000	0.000	774164.967	7489606.251	CL
260.000	22.438	774184.718	7489616.899	RBAT
280.000	-21.572	774136.488	7489613.619	LBAT
280.000	0.000	774155.476	7489623.856	CL
280.000	21.511	774174.411	7489634.064	RBAT
300.000	-20.507	774127.934	7489631.729	LBAT
300.000	0.000	774145.985	7489641.460	CL
300.000	20.282	774163.838	7489651.085	RBAT
320.000	-19.577	774119.262	7489649.774	LBAT
320.000	0.000	774136.494	7489659.065	CL
320.000	19.508	774153.665	7489668.322	RBAT
340.000	-20.189	774109.232	7489667.088	LBAT
340.000	0.000	774127.003	7489676.669	CL
340.000	19.492	774144.161	7489685.919	RBAT
360.000	-21.342	774098.726	7489684.146	LBAT
360.000	0.000	774117.512	7489694.274	CL
360.000	19.755	774134.901	7489703.649	RBAT
380.000	-20.336	774090.121	7489702.228	LBAT
380.000	0.000	774108.021	7489711.878	CL
380.000	19.734	774125.392	7489721.243	RBAT
400.000	-19.771	774081.127	7489720.100	LBAT
400.000	0.000	774098.530	7489729.483	CL
400.000	19.636	774115.814	7489738.801	RBAT
420.000	-20.157	774071.296	7489737.522	LBAT
420.000	0.000	774089.039	7489747.087	CL
420.000	19.494	774106.198	7489756.338	RBAT
440.000	-21.108	774060.968	7489754.675	LBAT
440.000	0.000	774079.548	7489764.692	CL
440.000	19.779	774096.958	7489774.078	RBAT
460.000	-22.093	774050.610	7489771.812	LBAT
460.000	0.000	774070.057	7489782.296	CL
460.000	20.589	774088.180	7489792.067	RBAT
480.000	-22.242	774040.987	7489789.346	LBAT
480.000	0.000	774060.566	7489799.901	CL
480.000	21.473	774079.466	7489810.091	RBAT
500.000	-21.372	774032.263	7489807.364	LBAT
500.000	0.000	774051.075	7489817.506	CL
500.000	22.108	774070.535	7489827.997	RBAT
520.000	-20.629	774023.426	7489825.321	LBAT
520.000	0.000	774041.584	7489835.110	CL
520.000	21.769	774060.746	7489845.441	RBAT
540.000	-20.391	774014.144	7489843.038	LBAT
540.000	0.000	774032.093	7489852.715	CL
540.000	21.739	774051.228	7489863.031	RBAT
560.000	-20.413	774004.634	7489860.632	LBAT
560.000	0.000	774022.602	7489870.319	CL
560.000	20.373	774040.535	7489879.987	RBAT
580.000	-21.005	773994.621	7489877.956	LBAT
580.000	0.000	774013.110	7489887.924	CL
580.000	21.152	774031.729	7489897.961	RBAT
600.000	-20.261	773985.785	7489895.913	LBAT
600.000	0.000	774003.619	7489905.528	CL
600.000	21.269	774022.341	7489915.621	RBAT

CH160 OUTLET PIPE



	0.000	40.000	80.000	120.000	160.000	200.000	240.000	280.000	320.000	360.000	400.000	440.000	480.000	520.000	560.000	600.000
DEPTH	+8.182	+9.789	+8.395	+10.139	+13.350	+12.001	+6.236	+6.273	+5.627	+5.593	+5.674	+5.935	+6.169	+6.089	+6.038	+6.375
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	24.818	23.211	24.605	22.861	19.650	20.999	26.764	26.727	27.373	27.407	27.326	27.065	26.831	26.911	26.962	26.625
CHAINAGE	0.000	40.000	80.000	120.000	160.000	200.000	240.000	280.000	320.000	360.000	400.000	440.000	480.000	520.000	560.000	600.000

Scale Horizontal 1:2500 Vertical 1:500

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE.
G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 1 OF 9 (CH0-CH600)

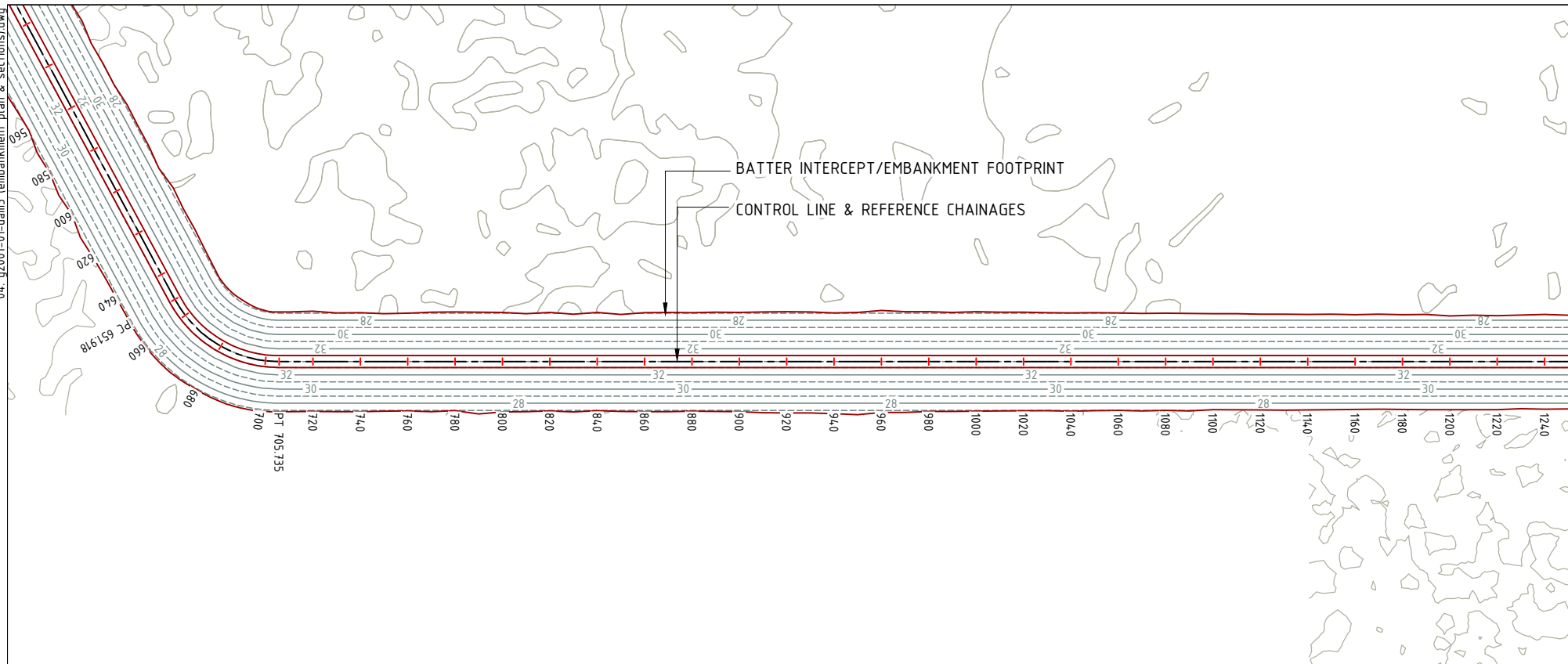
FILE NO G2001-01-DAM3.DWG
JOB NO G2001/01

SCALE 0 1:2500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-4 ISSUE SHEET NO 4 5

PRINT IN COLOUR

04_g2001-01-dam3 (embankment plan & sections).dwg



CHAINAGE	OFFSET	EASTING	NORTHING	CODE
600.000	-20.261	773985.785	7489895.913	LBAT
600.000	0.000	774003.619	7489905.528	CL
600.000	21.269	774022.341	7489915.621	RBAT
620.000	-21.271	773975.405	7489913.039	LBAT
620.000	0.000	773994.128	7489923.133	CL
620.000	22.023	774013.513	7489933.584	RBAT
640.000	-21.101	773966.064	7489930.724	LBAT
640.000	0.000	773984.637	7489940.737	CL
640.000	21.485	774003.549	7489950.933	RBAT
651.918	-20.810	773960.664	7489941.352	LBAT
651.918	0.000	773978.982	7489951.228	CL
651.918	21.355	773997.779	7489961.362	RBAT
660.000	-21.014	773957.938	7489945.182	LBAT
660.000	0.000	773974.589	7489958.002	CL
660.000	21.228	773991.410	7489970.952	RBAT
680.000	-21.437	773949.031	7489952.363	LBAT
680.000	0.000	773959.584	7489971.022	CL
680.000	20.955	773969.899	7489989.262	RBAT
700.000	-20.823	773938.309	7489956.486	LBAT
700.000	0.000	773940.693	7489977.171	CL
700.000	21.387	773943.140	7489998.418	RBAT
705.735	-20.929	773934.970	7489956.571	LBAT
705.735	0.000	773934.970	7489977.500	CL
705.735	21.101	773934.970	7489998.601	RBAT
720.000	-21.233	773920.705	7489956.267	LBAT
720.000	0.000	773920.705	7489977.500	CL
720.000	20.993	773920.705	7489998.493	RBAT
740.000	-20.689	773900.705	7489956.811	LBAT
740.000	0.000	773900.705	7489977.500	CL
740.000	21.167	773900.705	7489998.667	RBAT
760.000	-20.463	773880.705	7489957.037	LBAT
760.000	0.000	773880.705	7489977.500	CL
760.000	20.880	773880.705	7489998.380	RBAT
780.000	-20.924	773860.705	7489956.576	LBAT
780.000	0.000	773860.705	7489977.500	CL
780.000	20.746	773860.705	7489998.246	RBAT
800.000	-20.750	773840.705	7489956.750	LBAT
800.000	0.000	773840.705	7489977.500	CL
800.000	21.256	773840.705	7489998.756	RBAT
820.000	-20.746	773820.705	7489956.754	LBAT
820.000	0.000	773820.705	7489977.500	CL
820.000	20.794	773820.705	7489998.294	RBAT
840.000	-20.731	773800.705	7489956.769	LBAT
840.000	0.000	773800.705	7489977.500	CL
840.000	20.755	773800.705	7489998.255	RBAT
860.000	-20.638	773780.705	7489956.862	LBAT
860.000	0.000	773780.705	7489977.500	CL
860.000	21.160	773780.705	7489998.660	RBAT
880.000	-20.604	773760.705	7489956.896	LBAT
880.000	0.000	773760.705	7489977.500	CL
880.000	20.970	773760.705	7489998.470	RBAT
900.000	-20.750	773740.705	7489956.750	LBAT
900.000	0.000	773740.705	7489977.500	CL
900.000	21.105	773740.705	7489998.605	RBAT
920.000	-21.073	773720.705	7489956.427	LBAT
920.000	0.000	773720.705	7489977.500	CL
920.000	21.712	773720.705	7489999.212	RBAT
940.000	-20.560	773700.705	7489956.940	LBAT
940.000	0.000	773700.705	7489977.500	CL
940.000	21.977	773700.705	7489999.477	RBAT
960.000	-21.582	773680.705	7489955.918	LBAT
960.000	0.000	773680.705	7489977.500	CL
960.000	21.517	773680.705	7489999.017	RBAT
980.000	-21.110	773660.705	7489956.390	LBAT
980.000	0.000	773660.705	7489977.500	CL
980.000	21.081	773660.705	7489998.581	RBAT
1000.00	-21.019	773640.705	7489956.481	LBAT
1000.00	0.000	773640.705	7489977.500	CL
1000.00	20.888	773640.705	7489998.388	RBAT
1020.00	-20.807	773620.705	7489956.693	LBAT
1020.00	0.000	773620.705	7489977.500	CL
1020.00	20.813	773620.705	7489998.313	RBAT
1040.00	-20.572	773600.705	7489956.928	LBAT
1040.00	0.000	773600.705	7489977.500	CL
1040.00	20.934	773600.705	7489998.434	RBAT
1060.00	-20.538	773580.705	7489956.962	LBAT
1060.00	0.000	773580.705	7489977.500	CL
1060.00	20.673	773580.705	7489998.173	RBAT
1080.00	-20.402	773560.705	7489957.098	LBAT
1080.00	0.000	773560.705	7489977.500	CL
1080.00	20.586	773560.705	7489998.086	RBAT
1100.00	-20.250	773540.705	7489957.250	LBAT
1100.00	0.000	773540.705	7489977.500	CL
1100.00	20.272	773540.705	7489997.772	RBAT
1120.00	-20.031	773520.705	7489957.469	LBAT
1120.00	0.000	773520.705	7489977.500	CL
1120.00	20.433	773520.705	7489997.933	RBAT
1140.00	-19.929	773500.705	7489957.571	LBAT
1140.00	0.000	773500.705	7489977.500	CL
1140.00	20.437	773500.705	7489997.937	RBAT
1160.00	-19.785	773480.705	7489957.715	LBAT
1160.00	0.000	773480.705	7489977.500	CL
1160.00	20.226	773480.705	7489997.726	RBAT
1180.00	-19.795	773460.705	7489957.705	LBAT
1180.00	0.000	773460.705	7489977.500	CL
1180.00	20.274	773460.705	7489997.774	RBAT
1200.00	-19.299	773440.705	7489958.201	LBAT
1200.00	0.000	773440.705	7489977.500	CL
1200.00	20.361	773440.705	7489997.861	RBAT

DEPTH	600.000	640.000	651.918	680.000	705.735	720.000	760.000	800.000	840.000	880.000	920.000	960.000	1000.000	1040.000	1080.000	1120.000	1140.000	1160.000	1200.000
DEPTH	+6.375	+6.194	+6.309	+6.280	+6.128	+6.262	+6.185	+6.308	+5.661	+6.110	+6.271	+6.376	+6.132	+6.052	+6.100	+5.876	+5.886	+5.716	
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	26.625	26.806	26.691	26.720	26.872	26.738	26.815	26.692	27.339	26.890	26.729	26.624	26.868	26.948	26.900	27.124	27.114	27.284	
CHAINAGE	600.000	640.000	651.918	680.000	705.735	720.000	760.000	800.000	840.000	880.000	920.000	960.000	1000.000	1040.000	1080.000	1120.000	1140.000	1160.000	1200.000

Scale Horizontal 1:2500 Vertical 1:500

DO NOT SCALE OFF DRAWING DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS		
ISSUE	DATE	SUBJECT
1	27/05/18	FIRST ISSUE
2	1/06/18	SECOND ISSUE
3	15/07/18	REVISED HWY INTERSECTION
4	1/07/20	NEW DESIGN

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN	ASC	DATE	05/18
DESIGN	ASC	DATE	05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tgp.com.au
BRISBANE, GLADSTONE

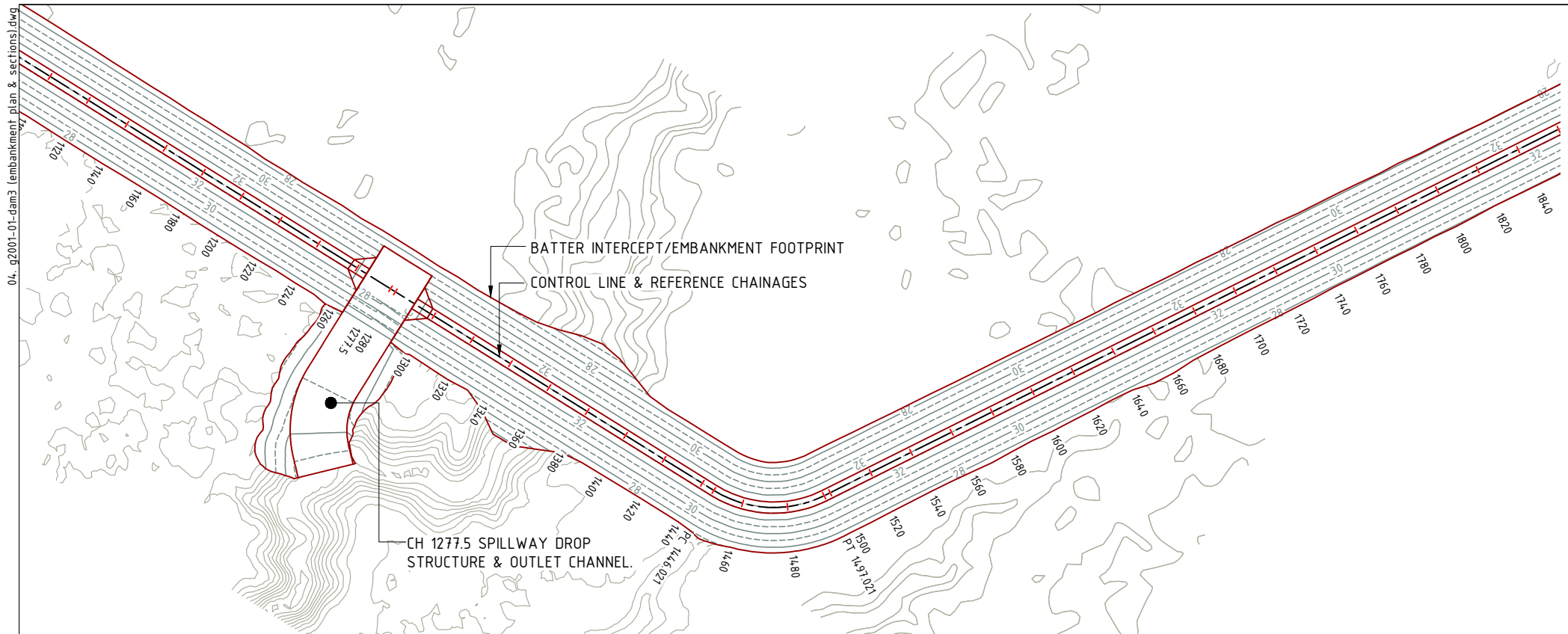
RPEQ 4321
AUTHORISED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 2 OF 9 (CH600-CH1200)

FILE NO
G2001-01-DAM3.DWG
JOB NO
G2001/01
SCALE 0 1:2500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10
DRAWING NUMBER
G1706-02-DAM-5
ISSUE SHEET NO.
4 6

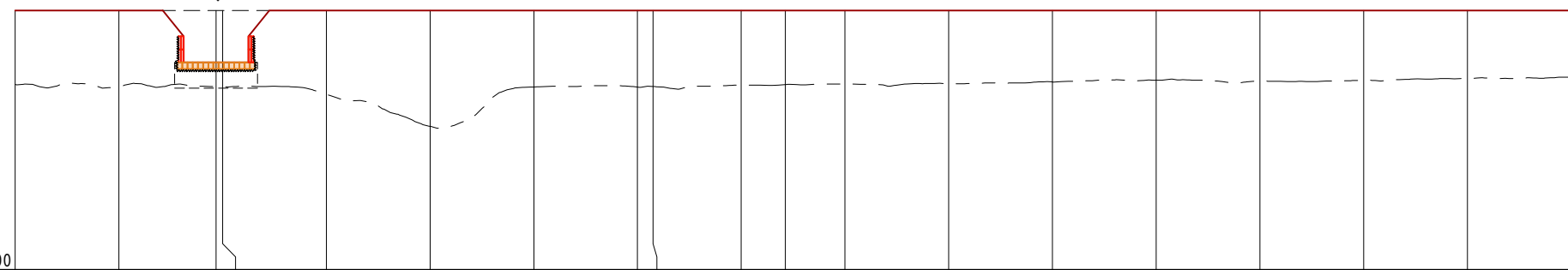
PRINT IN COLOUR

04_g2001-01-dam3 (embankment plan & sections).dwg



CH 1277.5 SPILLWAY DROP STRUCTURE & OUTLET CHANNEL.

CH1277.5 SPILLWAY STRUCTURE



	Datum R.L. 13.000																		
DEPTH	+5.716	+5.883	+5.884	+5.895	+6.459	+8.941	+5.903	+5.908	+5.866	+5.764	+5.709	+5.668	+5.661	+5.516	+5.385	+5.437	+5.390	+5.258	+5.153
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	27.284	27.117	27.116	27.105	26.541	24.059	27.097	27.092	27.134	27.236	27.291	27.332	27.339	27.484	27.615	27.563	27.610	27.742	27.847
CHAINAGE	1200.000	1240.000	1277.500	1280.000	1320.000	1360.000	1400.000	1440.000	1446.021	1480.000	1497.021	1520.000	1560.000	1600.000	1640.000	1680.000	1720.000	1760.000	1800.000

Scale Horizontal 1:2500 Vertical 1:500

SETOUT DETAIL CL & BATTER INTERCEPTS				
CHAINAGE	OFFSET	EASTING	NORTHING	CODE
1200.00	-19.299	773440.705	7489958.201	LBAT
1200.00	0.000	773440.705	7489977.500	CL
1200.00	20.361	773440.705	7489997.861	RBAT
1220.00	-19.374	773420.705	7489958.126	LBAT
1220.00	0.000	773420.705	7489977.500	CL
1220.00	20.262	773420.705	7489997.762	RBAT
1240.00	-19.935	773400.705	7489957.565	LBAT
1240.00	0.000	773400.705	7489977.500	CL
1240.00	20.117	773400.705	7489997.617	RBAT
1260.00	-19.980	773380.705	7489957.520	LBAT
1260.00	0.000	773380.705	7489977.500	CL
1260.00	20.080	773380.705	7489997.580	RBAT
1277.50	-20.006	773363.205	7489957.494	LBAT
1277.50	0.000	773363.205	7489977.500	CL
1277.50	19.923	773363.205	7489997.423	RBAT
1280.00	-20.015	773360.705	7489957.485	LBAT
1280.00	0.000	773360.705	7489977.500	CL
1280.00	19.946	773360.705	7489997.446	RBAT
1300.00	-20.168	773340.705	7489957.332	LBAT
1300.00	0.000	773340.705	7489977.500	CL
1300.00	20.174	773340.705	7489997.674	RBAT
1320.00	-20.254	773320.705	7489957.246	LBAT
1320.00	0.000	773320.705	7489977.500	CL
1320.00	20.761	773320.705	7489998.261	RBAT
1340.00	-21.673	773300.705	7489955.827	LBAT
1340.00	0.000	773300.705	7489977.500	CL
1340.00	24.136	773300.705	7490001.636	RBAT
1360.00	-27.072	773280.705	7489950.428	LBAT
1360.00	0.000	773280.705	7489977.500	CL
1360.00	30.340	773280.705	7490007.840	RBAT
1380.00	-27.329	773260.705	7489950.171	LBAT
1380.00	0.000	773260.705	7489977.500	CL
1380.00	21.471	773260.705	7489998.971	RBAT
1400.00	-20.330	773240.705	7489957.170	LBAT
1400.00	0.000	773240.705	7489977.500	CL
1400.00	20.310	773240.705	7489997.810	RBAT
1420.00	-19.755	773220.705	7489957.745	LBAT
1420.00	0.000	773220.705	7489977.500	CL
1420.00	20.088	773220.705	7489997.588	RBAT
1440.00	-19.825	773200.705	7489957.675	LBAT
1440.00	0.000	773200.705	7489977.500	CL
1440.00	20.168	773200.705	7489997.668	RBAT
1446.02	-19.873	773194.684	7489957.627	LBAT
1446.02	0.000	773194.684	7489977.500	CL
1446.02	20.523	773194.684	7489998.023	RBAT
1460.00	-20.057	773186.421	7489956.280	LBAT
1460.00	0.000	773186.421	7489977.500	CL
1460.00	20.214	773186.421	7489994.987	RBAT
1480.00	-20.019	773175.842	7489950.820	LBAT
1480.00	0.000	773175.842	7489977.500	CL
1480.00	19.946	773175.842	7489994.987	RBAT
1497.02	-19.663	773168.834	7489943.377	LBAT
1497.02	0.000	773168.834	7489977.500	CL
1497.02	19.921	773168.834	7489994.987	RBAT
1500.00	-19.641	773167.256	7489940.850	LBAT
1500.00	0.000	773167.256	7489977.500	CL
1500.00	19.775	773167.256	7489994.987	RBAT
1520.00	-19.450	773156.626	7489923.908	LBAT
1520.00	0.000	773156.626	7489977.500	CL
1520.00	19.602	773156.626	7489994.346	RBAT
1540.00	-19.340	773146.065	7489906.924	LBAT
1540.00	0.000	773146.065	7489977.500	CL
1540.00	19.411	773146.065	7489994.987	RBAT
1560.00	-19.330	773135.589	7489889.886	LBAT
1560.00	0.000	773135.589	7489977.500	CL
1560.00	19.745	773135.589	7489994.987	RBAT
1560.00	19.745	773102.293	7489910.337	LBAT
1580.00	-19.117	773124.940	7489872.956	LBAT
1580.00	0.000	773124.940	7489977.500	CL
1580.00	19.582	773124.940	7489994.346	RBAT
1600.00	-19.109	773114.466	7489855.918	LBAT
1600.00	0.000	773114.466	7489977.500	CL
1600.00	19.531	773114.466	7489994.987	RBAT
1620.00	-18.944	773103.859	7489838.962	LBAT
1620.00	0.000	773103.859	7489977.500	CL
1620.00	19.250	773103.859	7489994.987	RBAT
1640.00	-18.823	773093.288	7489821.983	LBAT
1640.00	0.000	773093.288	7489977.500	CL
1640.00	19.045	773093.288	7489994.987	RBAT
1660.00	-18.871	773082.862	7489804.916	LBAT
1660.00	0.000	773082.862	7489977.500	CL
1660.00	18.667	773082.862	7489994.987	RBAT
1680.00	-18.667	773072.221	7489787.980	LBAT
1680.00	0.000	773072.221	7489977.500	CL
1680.00	18.964	773072.221	7489994.987	RBAT
1700.00	-18.657	773061.155	7489770.943	LBAT
1700.00	0.000	773061.155	7489977.500	CL
1700.00	18.696	773061.155	7489994.987	RBAT
1720.00	-18.571	773051.205	7489753.946	LBAT
1720.00	0.000	773051.205	7489977.500	CL
1720.00	18.580	773051.205	7489994.987	RBAT
1740.00	-18.260	773040.472	7489737.067	LBAT
1740.00	0.000	773040.472	7489977.500	CL
1740.00	18.221	773040.472	7489994.987	RBAT
1760.00	-18.284	773030.026	7489720.012	LBAT
1760.00	0.000	773030.026	7489977.500	CL
1760.00	18.101	773030.026	7489994.987	RBAT
1780.00	-17.954	773019.277	7489703.142	LBAT
1780.00	0.000	773019.277	7489977.500	CL
1780.00	18.189	773019.277	7489994.987	RBAT
1800.00	-17.823	773008.698	7489686.169	LBAT
1800.00	0.000	773008.698	7489977.500	CL
1800.00	18.195	773008.698	7489994.987	RBAT

DO NOT SCALE OFF DRAWING DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN	ASC	DATE	05/18
DESIGN	ASC	DATE	05/18



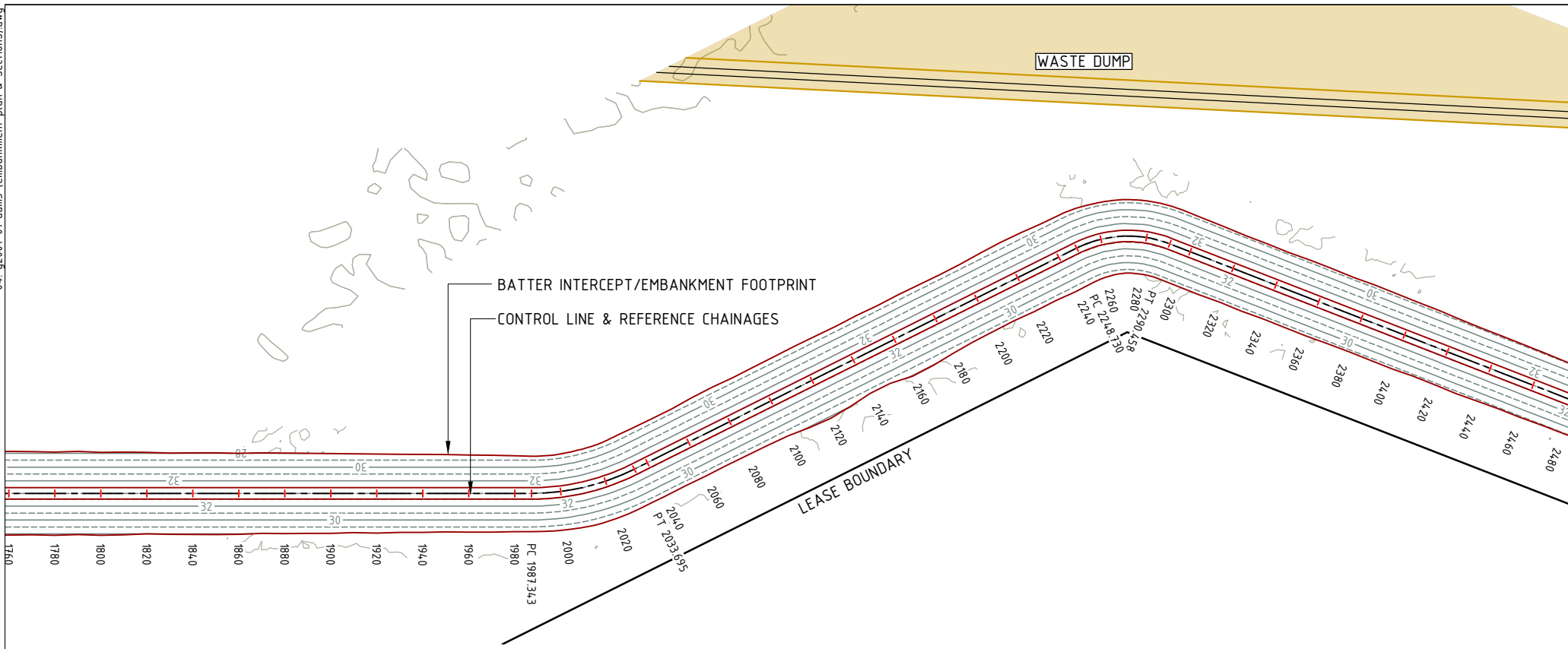
COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 3 OF 9 (CH1200-CH1800)

FILE NO
G2001-01-DAM3.DWG
JOB NO
G2001/01
SCALE 0 12500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10
DRAWING NUMBER
G1706-02-DAM-6
ISSUE SHEET NO.
4 7

PRINT IN COLOUR



CHAINAGE	OFFSET	EASTING	NORTHING	CODE
1800.00	-17.823	773008.698	7489686.169	LBAT
1800.00	0.000	772993.511	7489695.497	CL
1800.00	18.195	772978.007	7489705.019	RBAT
1820.00	-17.901	772998.298	7489669.086	LBAT
1820.00	0.000	772983.044	7489678.454	CL
1820.00	17.625	772968.026	7489687.678	RBAT
1840.00	-17.604	772987.577	7489652.199	LBAT
1840.00	0.000	772972.577	7489661.412	CL
1840.00	17.834	772957.380	7489670.746	RBAT
1860.00	-17.481	772977.005	7489635.221	LBAT
1860.00	0.000	772962.109	7489644.370	CL
1860.00	17.796	772946.946	7489653.683	RBAT
1880.00	-17.544	772966.592	7489618.146	LBAT
1880.00	0.000	772951.642	7489627.328	CL
1880.00	17.465	772936.760	7489636.468	RBAT
1900.00	-17.341	772955.951	7489601.210	LBAT
1900.00	0.000	772941.175	7489610.285	CL
1900.00	17.326	772926.411	7489619.353	RBAT
1920.00	-17.076	772945.259	7489584.306	LBAT
1920.00	0.000	772930.708	7489593.243	CL
1920.00	17.241	772916.016	7489602.267	RBAT
1940.00	-16.911	772934.651	7489567.350	LBAT
1940.00	0.000	772920.240	7489576.201	CL
1940.00	16.964	772905.785	7489585.080	RBAT
1960.00	-16.647	772923.959	7489550.446	LBAT
1960.00	0.000	772909.773	7489559.159	CL
1960.00	16.848	772895.417	7489567.976	RBAT
1980.00	-16.390	772913.272	7489533.539	LBAT
1980.00	0.000	772899.306	7489542.117	CL
1980.00	16.659	772885.110	7489550.835	RBAT
1987.34	-16.167	772909.239	7489527.398	LBAT
1987.34	0.000	772895.463	7489535.860	CL
1987.34	16.657	772881.269	7489544.577	RBAT
2000.00	-16.162	772904.268	7489518.032	LBAT
2000.00	0.000	772889.538	7489524.685	CL
2000.00	16.776	772874.249	7489531.590	RBAT
2020.00	-16.250	772899.021	7489502.145	LBAT
2020.00	0.000	772883.177	7489505.758	CL
2020.00	16.904	772866.696	7489509.517	RBAT
2033.69	-16.551	772897.543	7489490.796	LBAT
2033.69	0.000	772881.055	7489492.239	CL
2033.69	16.398	772864.719	7489493.668	RBAT
2040.00	-16.348	772896.790	7489484.534	LBAT
2040.00	0.000	772880.505	7489485.958	CL
2040.00	16.539	772864.029	7489487.400	RBAT
2060.00	-16.214	772894.914	7489464.621	LBAT
2060.00	0.000	772878.762	7489466.035	CL
2060.00	16.597	772862.228	7489467.481	RBAT
2080.00	-16.743	772893.698	7489444.651	LBAT
2080.00	0.000	772877.019	7489446.111	CL
2080.00	16.595	772860.487	7489447.557	RBAT
2100.00	-16.581	772891.793	7489424.742	LBAT
2100.00	0.000	772875.276	7489426.187	CL
2100.00	16.977	772858.363	7489427.666	RBAT
2120.00	-16.657	772890.127	7489404.811	LBAT
2120.00	0.000	772873.533	7489406.263	CL
2120.00	18.432	772855.170	7489407.869	RBAT
2140.00	-16.379	772888.106	7489384.911	LBAT
2140.00	0.000	772871.790	7489386.339	CL
2140.00	16.387	772855.465	7489387.767	RBAT
2160.00	-16.352	772886.336	7489364.990	LBAT
2160.00	0.000	772870.046	7489366.415	CL
2160.00	17.955	772852.160	7489367.980	RBAT
2180.00	-16.447	772884.688	7489345.058	LBAT
2180.00	0.000	772868.303	7489346.491	CL
2180.00	16.917	772851.451	7489347.966	RBAT
2200.00	-16.327	772882.825	7489325.144	LBAT
2200.00	0.000	772866.560	7489326.567	CL
2200.00	16.256	772850.366	7489327.984	RBAT
2220.00	-17.047	772881.799	7489305.158	LBAT
2220.00	0.000	772864.817	7489306.643	CL
2220.00	16.512	772848.368	7489308.083	RBAT
2240.00	-16.340	772879.352	7489285.295	LBAT
2240.00	0.000	772863.074	7489286.719	CL
2240.00	16.799	772846.339	7489288.184	RBAT
2248.73	-16.228	772878.480	7489276.608	LBAT
2248.73	0.000	772862.313	7489278.022	CL
2248.73	16.610	772845.766	7489279.470	RBAT
2260.00	-15.706	772875.024	7489262.170	LBAT
2260.00	0.000	772860.079	7489267.001	CL
2260.00	16.484	772844.395	7489272.071	RBAT
2280.00	-15.756	772862.256	7489239.385	LBAT
2280.00	0.000	772850.335	7489249.688	CL
2280.00	16.188	772838.086	7489260.272	RBAT
2290.45	-15.665	772852.189	7489230.065	LBAT
2290.45	0.000	772842.722	7489242.545	CL
2290.45	15.950	772833.082	7489255.252	RBAT
2300.00	-15.590	772844.542	7489224.357	LBAT
2300.00	0.000	772835.120	7489236.778	CL
2300.00	15.979	772825.463	7489249.508	RBAT
2320.00	-15.322	772828.446	7489212.484	LBAT
2320.00	0.000	772819.186	7489224.691	CL
2320.00	15.854	772809.604	7489237.322	RBAT
2340.00	-15.220	772812.450	7489200.477	LBAT
2340.00	0.000	772803.252	7489212.603	CL
2340.00	15.805	772793.699	7489225.196	RBAT
2360.00	-15.553	772796.717	7489188.125	LBAT
2360.00	0.000	772787.317	7489200.516	CL
2360.00	15.921	772777.695	7489213.201	RBAT
2380.00	-15.560	772780.787	7489176.032	LBAT
2380.00	0.000	772771.383	7489188.429	CL
2380.00	15.557	772761.981	7489200.823	RBAT
2400.00	-15.405	772764.759	7489164.068	LBAT
2400.00	0.000	772755.449	7489176.341	CL
2400.00	15.749	772745.931	7489188.889	RBAT

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	TITLE
DRAWING NO. G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 4 OF 9 (CH1800-CH2400)

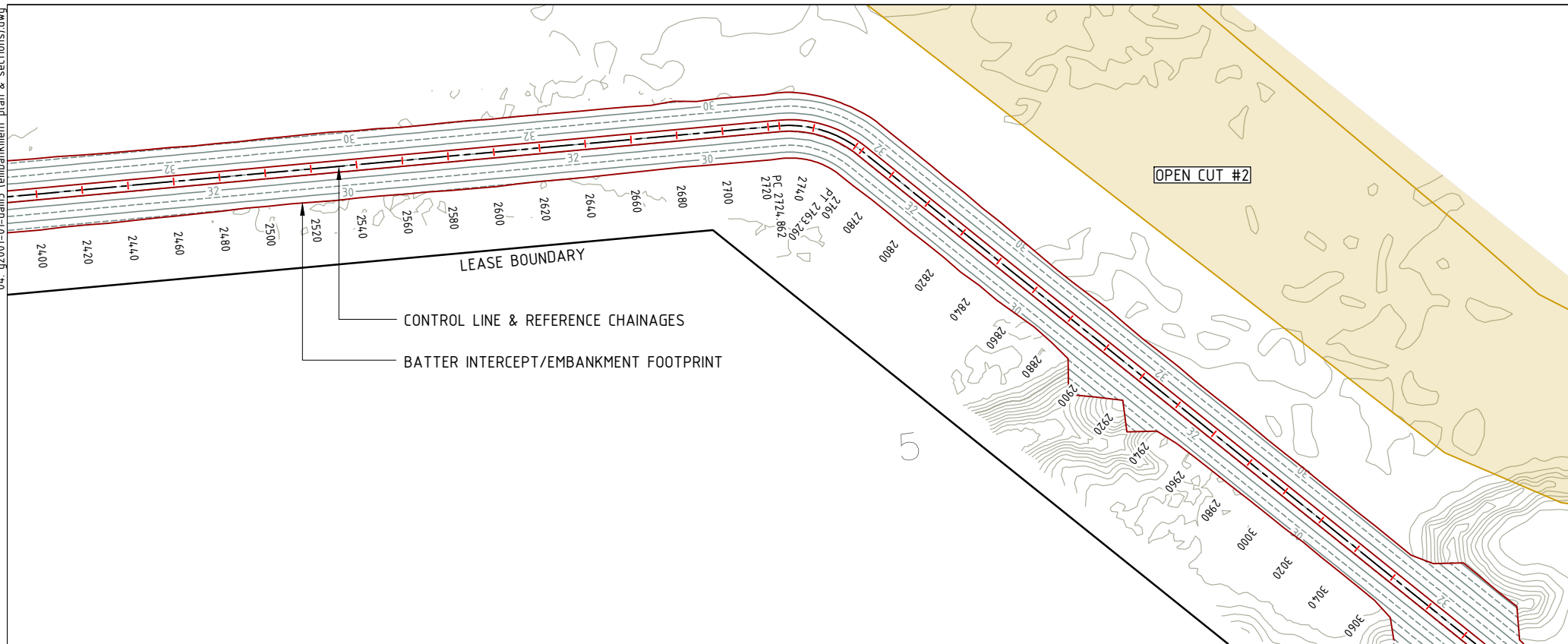
FILE NO G2001-01-DAM3.DWG
JOB NO G2001/01
SCALE 0 1:2500 HORZ. 50 AT 1:500 VERT. 10 A3 SIZE
DRAWING NUMBER G1706-02-DAM-7 ISSUE SHEET NO. 4 8

DEPTH	FSL CREST	NSL	CHAINAGE
+5.153	33.000	27.847	1800.000
+5.026	33.000	27.974	1840.000
+4.998	33.000	28.002	1880.000
+4.836	33.000	28.164	1920.000
+4.748	33.000	28.252	1960.000
+4.658	33.000	28.342	1987.343
+4.656	33.000	28.344	2000.000
+4.813	33.000	28.187	2033.695
+4.755	33.000	28.245	2040.000
+4.564	33.000	28.436	2080.000
+4.729	33.000	28.271	2120.000
+4.705	33.000	28.295	2160.000
+4.526	33.000	28.474	2200.000
+4.691	33.000	28.300	2240.000
+4.622	33.000	28.378	2248.730
+4.452	33.000	28.548	2280.000
+4.473	33.000	28.527	2290.458
+4.390	33.000	28.610	2320.000
+4.395	33.000	28.605	2360.000
+4.307	33.000	28.693	2400.000

Scale Horizontal 1:2500 Vertical 1:500

PRINT IN COLOUR

embankment_plan_sections.dwg



SETOUT DETAIL CL & BATTER INTERCEPTS				
CHAINAGE	OFFSET	EASTING	NORTHING	CODE
2400.00	-15.405	772764.759	7489164.068	LBAT
2400.00	0.000	772755.449	7489176.341	CL
2400.00	15.749	772745.931	7489188.889	RBAT
2420.00	-15.160	772748.677	7489152.176	LBAT
2420.00	0.000	772739.515	7489164.254	CL
2420.00	15.346	772730.240	7489176.481	RBAT
2440.00	-14.964	772732.625	7489140.244	LBAT
2440.00	0.000	772723.581	7489152.167	CL
2440.00	15.272	772714.351	7489164.334	RBAT
2460.00	-14.865	772716.631	7489128.237	LBAT
2460.00	0.000	772707.647	7489140.079	CL
2460.00	15.097	772698.523	7489152.107	RBAT
2480.00	-14.779	772700.645	7489116.218	LBAT
2480.00	0.000	772691.713	7489127.992	CL
2480.00	14.804	772682.766	7489139.786	RBAT
2500.00	-14.943	772684.810	7489103.999	LBAT
2500.00	0.000	772675.779	7489115.905	CL
2500.00	14.523	772667.001	7489127.475	RBAT
2520.00	-15.083	772668.960	7489091.801	LBAT
2520.00	0.000	772659.845	7489103.817	CL
2520.00	14.508	772651.076	7489115.376	RBAT
2540.00	-14.745	772652.822	7489079.982	LBAT
2540.00	0.000	772643.910	7489091.730	CL
2540.00	14.452	772635.176	7489103.244	RBAT
2560.00	-14.475	772636.724	7489068.111	LBAT
2560.00	0.000	772627.976	7489079.643	CL
2560.00	14.642	772619.127	7489091.308	RBAT
2580.00	-14.627	772620.882	7489055.902	LBAT
2580.00	0.000	772612.042	7489067.555	CL
2580.00	14.924	772603.023	7489079.445	RBAT
2600.00	-14.363	772604.788	7489044.025	LBAT
2600.00	0.000	772596.108	7489055.468	CL
2600.00	15.091	772586.988	7489067.491	RBAT
2620.00	-14.433	772588.897	7489031.882	LBAT
2620.00	0.000	772580.174	7489043.381	CL
2620.00	14.578	772571.364	7489054.995	RBAT
2640.00	-14.265	772572.861	7489019.928	LBAT
2640.00	0.000	772564.240	7489031.293	CL
2640.00	14.539	772555.453	7489042.877	RBAT
2660.00	-14.241	772556.913	7489007.860	LBAT
2660.00	0.000	772548.306	7489019.206	CL
2660.00	14.252	772539.692	7489030.561	RBAT
2680.00	-14.899	772541.376	7488995.248	LBAT
2680.00	0.000	772532.372	7489007.118	CL
2680.00	14.037	772523.888	7489018.302	RBAT
2700.00	-14.357	772525.114	7488983.593	LBAT
2700.00	0.000	772516.438	7488995.031	CL
2700.00	14.305	772507.792	7489006.428	RBAT
2720.00	-14.054	772508.997	7488971.747	LBAT
2720.00	0.000	772500.503	7488982.944	CL
2720.00	14.343	772491.835	7488994.371	RBAT
2724.86	-14.416	772505.342	7488968.520	LBAT
2724.86	0.000	772496.630	7488980.005	CL
2724.86	14.179	772488.060	7488991.302	RBAT
2740.00	-13.920	772488.102	7488959.713	LBAT
2740.00	0.000	772483.378	7488972.807	CL
2740.00	14.066	772478.605	7488986.039	RBAT
2760.00	-14.011	772462.970	7488955.923	LBAT
2760.00	0.000	772463.723	7488969.913	CL
2760.00	14.116	772464.482	7488984.008	RBAT
2763.26	-13.906	772458.826	7488956.386	LBAT
2763.26	0.000	772460.477	7488970.194	CL
2763.26	14.214	772462.164	7488984.308	RBAT
2780.00	-13.919	772442.202	7488958.361	LBAT
2780.00	0.000	772443.854	7488972.181	CL
2780.00	13.842	772445.497	7488985.925	RBAT
2800.00	-13.642	772422.377	7488961.009	LBAT
2800.00	0.000	772423.996	7488974.555	CL
2800.00	13.976	772425.655	7488988.431	RBAT
2820.00	-13.489	772402.536	7488963.535	LBAT
2820.00	0.000	772404.137	7488976.929	CL
2820.00	13.866	772405.783	7488990.697	RBAT
2840.00	-13.355	772382.693	7488966.042	LBAT
2840.00	0.000	772384.279	7488979.302	CL
2840.00	13.627	772385.896	7488992.833	RBAT
2860.00	-12.807	772362.900	7488968.960	LBAT
2860.00	0.000	772364.420	7488981.676	CL
2860.00	13.361	772366.006	7488994.943	RBAT
2880.00	-13.150	772343.001	7488970.994	LBAT
2880.00	0.000	772344.561	7488984.050	CL
2880.00	13.313	772346.141	7488997.269	RBAT
2900.00	-13.077	772323.151	7488973.439	LBAT
2900.00	0.000	772324.703	7488986.424	CL
2900.00	26.250	772327.818	7489012.488	RBAT
2920.00	-12.960	772303.306	7488975.929	LBAT
2920.00	0.000	772304.844	7488988.798	CL
2920.00	13.499	772306.446	7489002.202	RBAT
2940.00	-12.709	772283.477	7488978.553	LBAT
2940.00	0.000	772284.985	7488991.172	CL
2940.00	14.678	772286.728	7489005.746	RBAT
2960.00	-12.998	772263.584	7488980.639	LBAT
2960.00	0.000	772265.127	7488993.546	CL
2960.00	13.171	772266.690	7489006.623	RBAT
2980.00	-12.628	772243.769	7488983.381	LBAT
2980.00	0.000	772245.268	7488995.919	CL
2980.00	12.948	772246.805	7489008.776	RBAT
3000.00	-12.792	772223.891	7488985.592	LBAT
3000.00	0.000	772225.410	7488998.293	CL
3000.00	12.796	772226.928	7489010.999	RBAT

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN	ASC	DATE	05/18
DESIGN	ASC	DATE	05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 5 OF 9 (CH2400-CH3000)

FILE NO
G2001-01-DAM3.DWG
JOB NO
G2001/01

SCALE 0 12500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10

DRAWING NUMBER
G1706-02-DAM-8 4 9

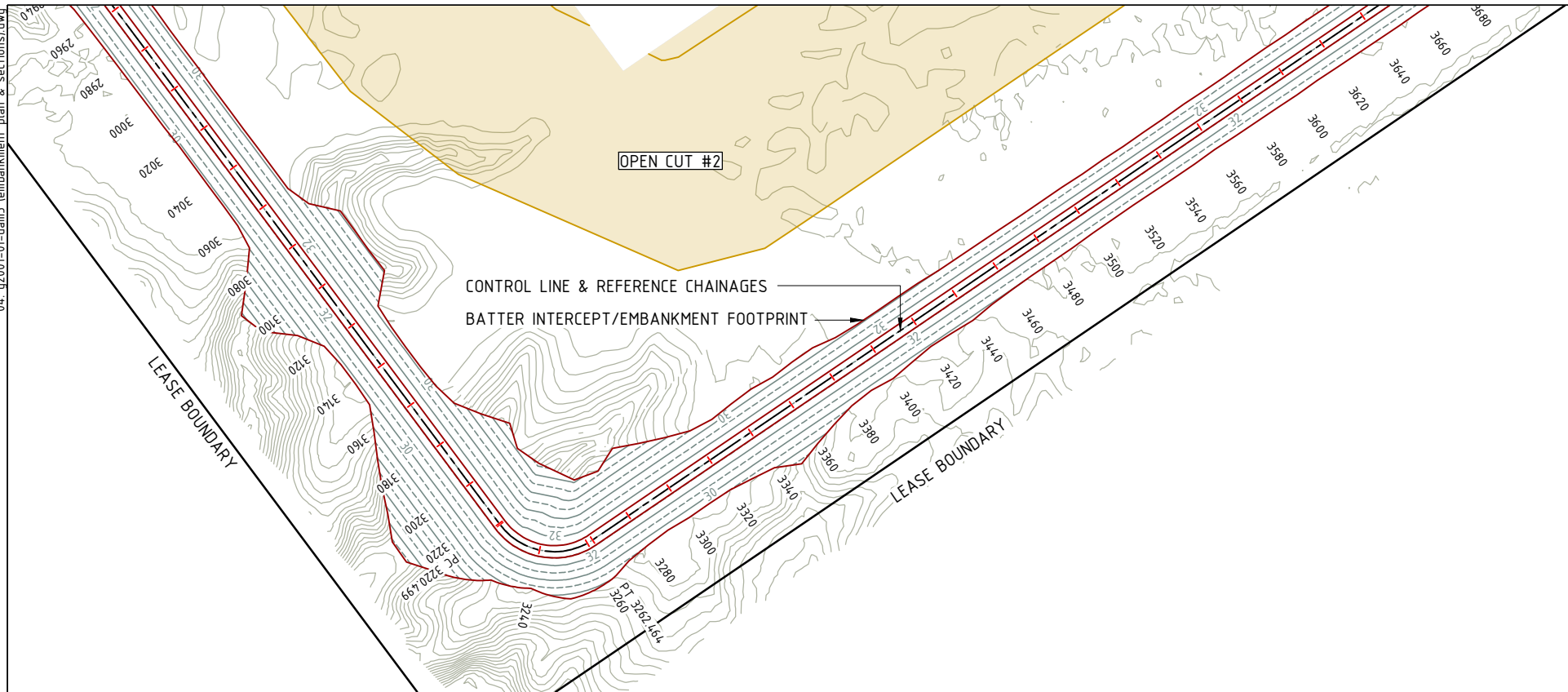
DEPTH	FSL CREST	NSL	CHAINAGE
+4.307	33.000	28.693	2400.000
+4.163	33.000	28.837	2440.000
+4.046	33.000	28.954	2480.000
+4.191	33.000	28.881	2520.000
+4.216	33.000	28.784	2560.000
+3.988	33.000	29.012	2600.000
+3.967	33.000	29.033	2640.000
+3.823	33.000	29.177	2680.000
+3.892	33.000	29.108	2720.000
+3.864	33.000	29.136	2724.862
+3.883	33.000	29.117	2760.000
+3.834	33.000	29.166	2763.260
+3.729	33.000	29.271	2800.000
+3.658	33.000	29.342	2840.000
+3.639	33.000	29.361	2880.000
+3.590	33.000	29.410	2920.000
+3.558	33.000	29.442	2960.000
+3.464	33.000	29.536	3000.000

Datum R.L. 18.000

Scale Horizontal 1:2500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



CHAINAGE	OFFSET	EASTING	NORTHING	CODE
3000.00	-12.792	772223.891	7488985.592	LBAT
3000.00	0.000	772225.410	7488998.293	CL
3000.00	12.796	772226.928	7489010.999	RBAT
3020.00	-12.643	772204.050	7488988.114	LBAT
3020.00	0.000	772205.551	7489000.667	CL
3020.00	12.442	772207.028	7489013.022	RBAT
3040.00	-12.678	772184.188	7488990.452	LBAT
3040.00	0.000	772185.692	7489003.041	CL
3040.00	12.526	772187.179	7489015.479	RBAT
3060.00	-12.539	772164.345	7488992.965	LBAT
3060.00	0.000	772165.834	7489005.415	CL
3060.00	12.730	772167.345	7489018.055	RBAT
3080.00	-24.231	772143.099	7488983.729	LBAT
3080.00	0.000	772145.975	7489007.789	CL
3080.00	23.342	772148.746	7489030.966	RBAT
3100.00	-23.908	772123.279	7488986.423	LBAT
3100.00	0.000	772126.117	7489010.163	CL
3100.00	30.549	772129.742	7489040.496	RBAT
3120.00	-13.360	772104.672	7488999.271	LBAT
3120.00	0.000	772106.258	7489012.536	CL
3120.00	13.937	772107.912	7489026.374	RBAT
3140.00	-12.410	772084.926	7489002.588	LBAT
3140.00	0.000	772086.399	7489014.910	CL
3140.00	12.880	772087.928	7489027.699	RBAT
3160.00	-12.769	772065.025	7489004.605	LBAT
3160.00	0.000	772066.541	7489017.284	CL
3160.00	18.549	772068.742	7489035.702	RBAT
3180.00	-20.674	772044.228	7488999.130	LBAT
3180.00	0.000	772046.682	7489019.658	CL
3180.00	29.400	772050.172	7489048.850	RBAT
3200.00	-24.101	772023.963	7488998.101	LBAT
3200.00	0.000	772026.823	7489022.032	CL
3200.00	39.084	772031.462	7489060.839	RBAT
3220.00	-29.492	772003.464	7488995.122	LBAT
3220.00	0.000	772006.965	7489024.406	CL
3220.00	32.267	772010.795	7489056.445	RBAT
3220.49	-29.063	772003.019	7488995.607	LBAT
3220.49	0.000	772006.469	7489024.465	CL
3220.49	32.007	772010.268	7489056.245	RBAT
3240.00	-31.098	772005.207	7488994.170	LBAT
3240.00	0.000	771987.902	7489020.008	CL
3240.00	15.856	771979.078	7489033.182	RBAT
3260.00	-31.876	772007.442	7488996.062	LBAT
3260.00	0.000	771976.583	7489004.053	CL
3260.00	17.773	771959.378	7489008.508	RBAT
3262.46	-31.944	772007.590	7488996.435	LBAT
3262.46	0.000	771976.073	7489001.643	CL
3262.46	17.270	771959.034	7489004.459	RBAT
3280.00	-21.784	771994.707	7488980.790	LBAT
3280.00	0.000	771973.214	7488984.342	CL
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3300.00	-21.777	771991.439	7488961.059	LBAT
3300.00	0.000	771969.953	7488964.610	CL
3300.00	14.501	771955.646	7488966.974	RBAT
3320.00	-14.319	771980.820	7488942.543	LBAT
3320.00	0.000	771966.692	7488944.877	CL
3320.00	14.637	771952.252	7488947.263	RBAT
3340.00	-13.995	771977.239	7488922.863	LBAT
3340.00	0.000	771963.432	7488925.145	CL
3340.00	17.244	771946.418	7488927.956	RBAT
3360.00	-13.515	771973.505	7488903.209	LBAT
3360.00	0.000	771960.171	7488905.412	CL
3360.00	19.013	771941.412	7488908.512	RBAT
3380.00	-14.045	771970.768	7488883.390	LBAT
3380.00	0.000	771956.910	7488885.680	CL
3380.00	14.132	771942.967	7488887.984	RBAT
3400.00	-11.944	771965.433	7488864.000	LBAT
3400.00	0.000	771953.649	7488865.948	CL
3400.00	14.456	771939.387	7488868.304	RBAT
3420.00	-11.932	771962.161	7488844.270	LBAT
3420.00	0.000	771950.388	7488846.215	CL
3420.00	12.323	771938.230	7488848.224	RBAT
3440.00	-11.417	771958.392	7488824.621	LBAT
3440.00	0.000	771947.128	7488826.483	CL
3440.00	13.143	771934.160	7488828.626	RBAT
3460.00	-11.353	771955.068	7488804.899	LBAT
3460.00	0.000	771943.867	7488806.750	CL
3460.00	11.716	771932.308	7488808.660	RBAT
3480.00	-11.109	771951.567	7488785.207	LBAT
3480.00	0.000	771940.606	7488787.018	CL
3480.00	11.554	771929.206	7488788.902	RBAT
3500.00	-11.147	771948.343	7488765.468	LBAT
3500.00	0.000	771937.345	7488767.286	CL
3500.00	11.206	771926.289	7488769.113	RBAT
3520.00	-11.119	771945.055	7488745.740	LBAT
3520.00	0.000	771934.085	7488747.553	CL
3520.00	11.057	771923.175	7488749.356	RBAT
3540.00	-10.996	771941.673	7488726.028	LBAT
3540.00	0.000	771930.824	7488727.821	CL
3540.00	11.281	771919.693	7488729.660	RBAT
3560.00	-11.200	771938.614	7488706.262	LBAT
3560.00	0.000	771927.563	7488708.088	CL
3560.00	11.014	771916.697	7488709.884	RBAT
3580.00	-11.141	771935.294	7488686.540	LBAT
3580.00	0.000	771924.302	7488688.356	CL
3580.00	11.257	771913.196	7488690.191	RBAT
3600.00	-11.392	771932.281	7488666.766	LBAT
3600.00	0.000	771921.041	7488668.624	CL
3600.00	11.415	771909.779	7488670.485	RBAT

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
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BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 6 OF 9 (CH3000-CH3600)

FILE NO G2001-01-DAM3.DWG
JOB NO G2001/01

SCALE 0 1:2500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10

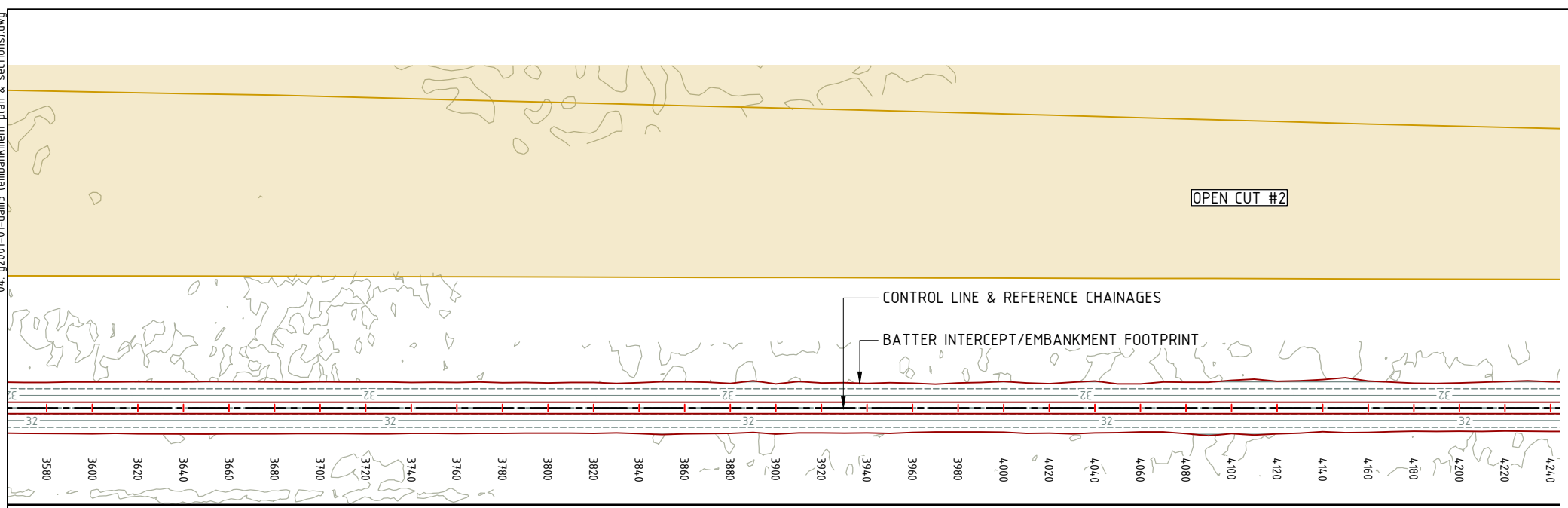
DRAWING NUMBER G1706-02-DAM-9 4 10

DEPTH	+3.464	+3.365	+4.402	+3.499	+3.587	+9.601	+8.439	+6.104	+6.389	+5.021	+4.351	+5.029	+3.258	+3.106	+2.877	+2.862	+2.866	+2.982
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	29.536	29.635	28.598	29.501	29.413	23.399	24.561	26.896	26.611	27.979	28.649	27.971	29.742	29.894	30.123	30.138	30.134	30.018
CHAINAGE	3000.000	3040.000	3080.000	3120.000	3160.000	3200.000	3220.499	3240.000	3262.464	3280.000	3320.000	3360.000	3400.000	3440.000	3480.000	3520.000	3560.000	3600.000

Scale Horizontal 1:2500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan_and_sections.dwg



OPEN CUT #2

CONTROL LINE & REFERENCE CHAINAGES

BATTER INTERCEPT/EMBANKMENT FOOTPRINT

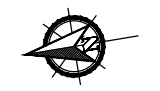
LEASE BOUNDARY

DEPTH	3600.000	3640.000	3680.000	3720.000	3760.000	3800.000	3840.000	3880.000	3920.000	3960.000	4000.000	4040.000	4080.000	4120.000	4160.000	4200.000
DEPTH	+2.982	+2.975	+2.972	+3.009	+2.844	+2.849	+2.938	+2.843	+2.715	+2.550	+2.671	+2.649	+2.740	+3.086	+2.878	+2.687
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	30.018	30.025	30.028	29.991	30.156	30.151	30.062	30.157	30.285	30.450	30.329	30.351	30.260	29.914	30.122	30.313
CHAINAGE	3600.000	3640.000	3680.000	3720.000	3760.000	3800.000	3840.000	3880.000	3920.000	3960.000	4000.000	4040.000	4080.000	4120.000	4160.000	4200.000

Scale Horizontal 1:2500 Vertical 1:500

CHAINAGE	OFFSET	EASTING	NORTHING	CODE
3600.00	-11.392	771932.281	7488666.766	LBAT
3600.00	0.000	771921.041	7488668.624	CL
3600.00	11.415	771909.779	7488670.485	RBAT
3620.00	-11.444	771929.071	7488647.025	LBAT
3620.00	0.000	771917.781	7488648.891	CL
3620.00	11.412	771906.521	7488650.752	RBAT
3640.00	-11.380	771925.748	7488627.303	LBAT
3640.00	0.000	771914.520	7488629.159	CL
3640.00	11.508	771903.166	7488631.035	RBAT
3660.00	-11.456	771922.562	7488607.559	LBAT
3660.00	0.000	771911.259	7488609.426	CL
3660.00	11.436	771899.977	7488611.291	RBAT
3680.00	-11.343	771919.190	7488587.845	LBAT
3680.00	0.000	771907.998	7488589.694	CL
3680.00	11.451	771896.701	7488591.561	RBAT
3700.00	-11.463	771916.048	7488568.093	LBAT
3700.00	0.000	771904.738	7488569.962	CL
3700.00	11.311	771893.578	7488571.806	RBAT
3720.00	-11.320	771912.646	7488548.384	LBAT
3720.00	0.000	771901.477	7488550.229	CL
3720.00	11.415	771890.214	7488552.090	RBAT
3740.00	-11.160	771909.226	7488528.677	LBAT
3740.00	0.000	771898.216	7488530.497	CL
3740.00	11.223	771887.143	7488532.327	RBAT
3760.00	-11.095	771905.902	7488508.956	LBAT
3760.00	0.000	771894.955	7488510.764	CL
3760.00	11.309	771883.798	7488512.608	RBAT
3780.00	-11.049	771902.596	7488489.231	LBAT
3780.00	0.000	771891.694	7488491.032	CL
3780.00	11.187	771880.657	7488492.856	RBAT
3800.00	-10.998	771899.285	7488469.507	LBAT
3800.00	0.000	771888.434	7488471.300	CL
3800.00	11.043	771877.538	7488473.100	RBAT
3820.00	-11.127	771896.151	7488449.753	LBAT
3820.00	0.000	771885.173	7488451.567	CL
3820.00	11.179	771874.144	7488453.390	RBAT
3840.00	-11.013	771892.778	7488430.039	LBAT
3840.00	0.000	771881.912	7488431.835	CL
3840.00	11.305	771870.758	7488433.678	RBAT
3860.00	-11.444	771889.942	7488410.237	LBAT
3860.00	0.000	771878.651	7488412.103	CL
3860.00	11.442	771867.362	7488413.968	RBAT
3880.00	-10.693	771885.940	7488390.627	LBAT
3880.00	0.000	771875.391	7488392.370	CL
3880.00	11.213	771864.327	7488394.198	RBAT
3900.00	-10.465	771882.455	7488370.932	LBAT
3900.00	0.000	771872.130	7488372.638	CL
3900.00	11.482	771860.801	7488374.510	RBAT
3920.00	-10.871	771879.594	7488351.133	LBAT
3920.00	0.000	771868.869	7488352.905	CL
3920.00	10.985	771858.031	7488354.696	RBAT
3940.00	-10.679	771876.144	7488331.432	LBAT
3940.00	0.000	771865.608	7488333.173	CL
3940.00	11.015	771854.740	7488334.969	RBAT
3960.00	-10.840	771873.043	7488311.673	LBAT
3960.00	0.000	771862.347	7488313.441	CL
3960.00	10.823	771851.670	7488315.205	RBAT
3980.00	-10.881	771869.822	7488291.934	LBAT
3980.00	0.000	771859.087	7488293.708	CL
3980.00	10.521	771848.707	7488295.423	RBAT
4000.00	-11.602	771867.273	7488272.084	LBAT
4000.00	0.000	771855.826	7488273.976	CL
4000.00	10.716	771845.253	7488275.723	RBAT
4020.00	-10.649	771863.072	7488252.507	LBAT
4020.00	0.000	771852.565	7488254.243	CL
4020.00	11.066	771841.647	7488256.048	RBAT
4040.00	-11.733	771860.881	7488232.598	LBAT
4040.00	0.000	771849.304	7488234.511	CL
4040.00	11.033	771838.419	7488236.310	RBAT
4060.00	-10.543	771856.445	7488213.060	LBAT
4060.00	0.000	771846.044	7488214.779	CL
4060.00	10.535	771835.649	7488216.496	RBAT
4080.00	-11.274	771853.906	7488193.208	LBAT
4080.00	0.000	771842.783	7488195.046	CL
4080.00	11.294	771831.640	7488196.887	RBAT
4100.00	-12.105	771851.465	7488173.340	LBAT
4100.00	0.000	771839.522	7488175.314	CL
4100.00	11.284	771828.389	7488177.153	RBAT
4120.00	-11.684	771847.788	7488153.677	LBAT
4120.00	0.000	771836.261	7488155.581	CL
4120.00	11.432	771824.982	7488157.445	RBAT
4140.00	-12.414	771845.248	7488133.825	LBAT
4140.00	0.000	771833.000	7488135.849	CL
4140.00	10.406	771822.733	7488137.546	RBAT
4160.00	-11.756	771841.338	7488114.200	LBAT
4160.00	0.000	771829.740	7488116.117	CL
4160.00	10.743	771819.141	7488117.868	RBAT
4180.00	-10.783	771837.117	7488094.626	LBAT
4180.00	0.000	771826.479	7488096.384	CL
4180.00	10.248	771816.368	7488098.055	RBAT
4200.00	-10.962	771834.033	7488074.865	LBAT
4200.00	0.000	771823.218	7488076.652	CL
4200.00	10.287	771813.068	7488078.329	RBAT

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN	ASC	DATE	05/18
DESIGN	ASC	DATE	05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 7 OF 9 (CH3600-CH4200)

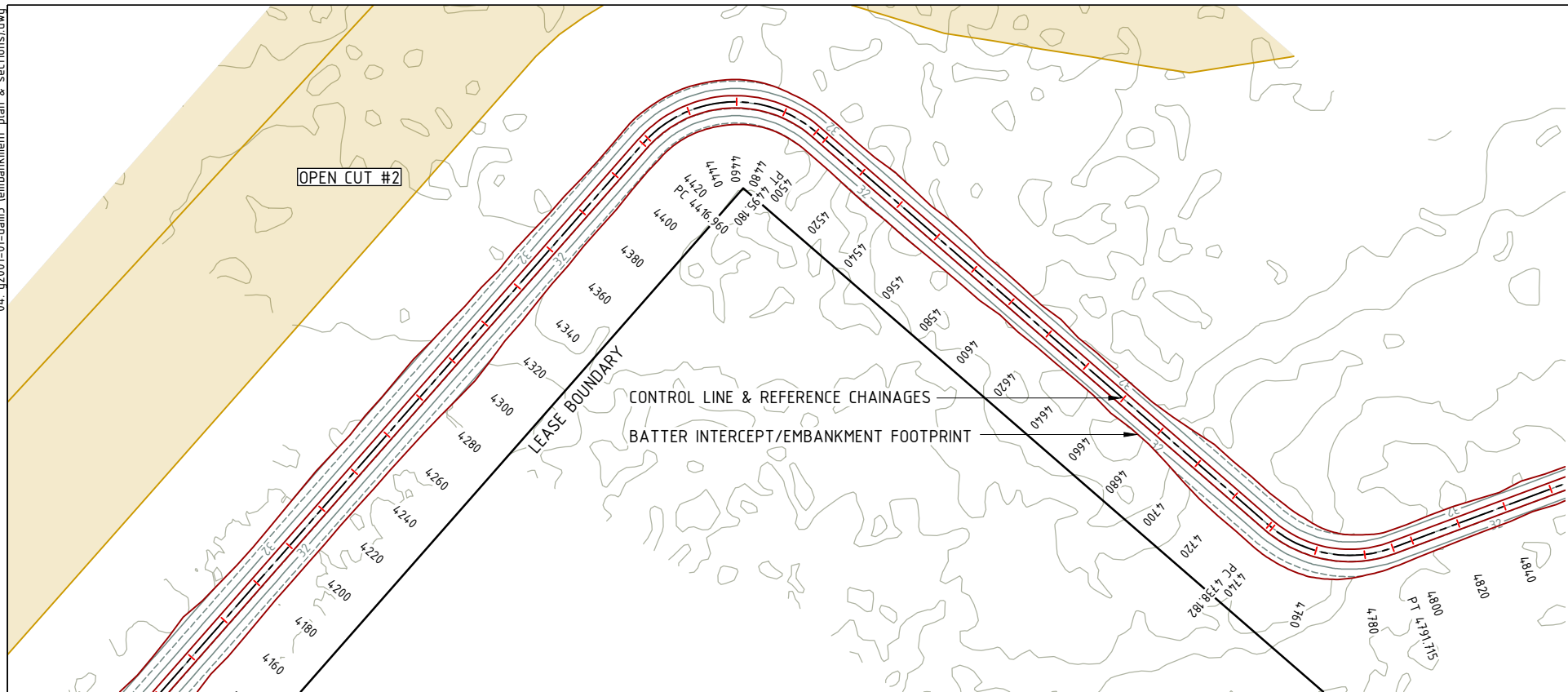
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JOB NO
G2001/01

SCALE 0 12500 HORZ. 50 AT A3 SIZE
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DRAWING NUMBER
G1706-02-DAM-10 4 11

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan_and_sections.dwg



CHAINAGE	OFFSET	EASTING	NORTHING	CODE
4200.00	-10.962	771834.033	7488074.865	LBAT
4200.00	0.000	771823.218	7488076.652	CL
4200.00	10.287	771813.068	7488078.329	RBAT
4220.00	-11.571	771831.374	7488055.033	LBAT
4220.00	0.000	771819.957	7488056.919	CL
4220.00	10.162	771809.931	7488058.576	RBAT
4240.00	-11.481	771828.024	7488035.315	LBAT
4240.00	0.000	771816.697	7488037.187	CL
4240.00	10.394	771806.442	7488038.882	RBAT
4260.00	-11.733	771825.011	7488015.542	LBAT
4260.00	0.000	771813.436	7488017.455	CL
4260.00	10.655	771802.924	7488019.192	RBAT
4280.00	-11.841	771821.857	7487995.792	LBAT
4280.00	0.000	771810.175	7487997.722	CL
4280.00	11.227	771799.098	7487999.553	RBAT
4300.00	-11.473	771818.234	7487976.119	LBAT
4300.00	0.000	771806.914	7487977.990	CL
4300.00	12.316	771794.762	7487979.998	RBAT
4320.00	-10.640	771814.151	7487956.523	LBAT
4320.00	0.000	771803.653	7487958.257	CL
4320.00	10.831	771792.968	7487960.023	RBAT
4340.00	-10.052	771810.310	7487936.886	LBAT
4340.00	0.000	771800.393	7487938.525	CL
4340.00	10.317	771790.214	7487940.207	RBAT
4360.00	-10.240	771807.234	7487917.123	LBAT
4360.00	0.000	771797.132	7487918.793	CL
4360.00	9.898	771787.366	7487920.406	RBAT
4380.00	-9.810	771803.550	7487897.461	LBAT
4380.00	0.000	771793.871	7487899.060	CL
4380.00	9.474	771784.524	7487900.605	RBAT
4400.00	-9.024	771799.514	7487877.857	LBAT
4400.00	0.000	771790.610	7487879.328	CL
4400.00	9.105	771781.628	7487880.812	RBAT
4416.96	-9.302	771797.023	7487861.078	LBAT
4416.96	0.000	771787.845	7487862.595	CL
4416.96	9.243	771778.726	7487864.102	RBAT
4420.00	-9.426	771796.448	7487857.513	LBAT
4420.00	0.000	771787.259	7487859.612	CL
4420.00	9.142	771778.346	7487861.648	RBAT
4440.00	-9.237	771786.568	7487836.108	LBAT
4440.00	0.000	771779.075	7487841.509	CL
4440.00	9.314	771771.520	7487846.955	RBAT
4460.00	-9.027	771769.176	7487820.309	LBAT
4460.00	0.000	771764.487	7487828.022	CL
4460.00	9.208	771759.704	7487835.890	RBAT
4480.00	-7.840	771746.942	7487813.524	LBAT
4480.00	0.000	771745.799	7487821.280	CL
4480.00	8.726	771744.528	7487829.914	RBAT
4495.18	-7.837	771729.450	7487813.625	LBAT
4495.18	0.000	771730.678	7487821.365	CL
4495.18	8.437	771732.000	7487829.697	RBAT
4500.00	-7.877	771724.683	7487814.340	LBAT
4500.00	0.000	771725.917	7487822.120	CL
4500.00	8.388	771727.232	7487830.404	RBAT
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4520.00	0.000	771706.165	7487825.255	CL
4520.00	8.772	771707.539	7487833.918	RBAT
4540.00	-8.361	771685.101	7487820.131	LBAT
4540.00	0.000	771686.412	7487828.389	CL
4540.00	8.626	771687.764	7487836.909	RBAT
4560.00	-8.540	771665.321	7487823.089	LBAT
4560.00	0.000	771666.659	7487831.523	CL
4560.00	8.467	771667.986	7487839.886	RBAT
4580.00	-7.309	771645.761	7487827.439	LBAT
4580.00	0.000	771646.906	7487834.658	CL
4580.00	8.040	771648.166	7487842.598	RBAT
4600.00	-7.307	771626.008	7487830.576	LBAT
4600.00	0.000	771627.153	7487837.792	CL
4600.00	7.142	771628.273	7487844.846	RBAT
4620.00	-7.747	771606.186	7487833.275	LBAT
4620.00	0.000	771607.400	7487840.927	CL
4620.00	7.124	771608.517	7487847.963	RBAT
4640.00	-7.057	771586.542	7487837.092	LBAT
4640.00	0.000	771587.647	7487844.061	CL
4640.00	6.938	771588.735	7487850.913	RBAT
4660.00	-6.677	771566.848	7487840.601	LBAT
4660.00	0.000	771567.895	7487847.196	CL
4660.00	7.718	771569.104	7487854.818	RBAT
4680.00	-7.580	771546.954	7487842.844	LBAT
4680.00	0.000	771548.142	7487850.330	CL
4680.00	7.107	771549.256	7487857.350	RBAT
4700.00	-10.284	771526.777	7487843.308	LBAT
4700.00	0.000	771528.389	7487853.464	CL
4700.00	9.419	771529.865	7487862.767	RBAT
4720.00	-10.242	771507.031	7487846.484	LBAT
4720.00	0.000	771508.636	7487856.599	CL
4720.00	10.720	771510.316	7487867.187	RBAT
4738.18	-10.577	771489.021	7487849.002	LBAT
4738.18	0.000	771490.679	7487859.448	CL
4738.18	10.678	771492.352	7487869.994	RBAT
4740.00	-10.577	771487.602	7487849.201	LBAT
4740.00	0.000	771488.878	7487859.701	CL
4740.00	10.743	771490.175	7487870.365	RBAT
4760.00	-9.482	771471.685	7487849.018	LBAT
4760.00	0.000	771469.073	7487858.133	CL
4760.00	10.872	771466.079	7487868.585	RBAT
4780.00	-8.104	771456.532	7487842.670	LBAT
4780.00	0.000	771451.442	7487848.977	CL
4780.00	8.297	771446.232	7487855.434	RBAT
4791.71	-6.944	771448.763	7487836.380	LBAT
4791.71	0.000	771443.267	7487840.624	CL
4791.71	7.502	771437.329	7487845.209	RBAT
4800.00	-6.767	771443.559	7487829.930	LBAT
4800.00	0.000	771438.203	7487834.066	CL
4800.00	7.199	771432.505	7487838.466	RBAT

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS			
ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE DATE 01/07/2020

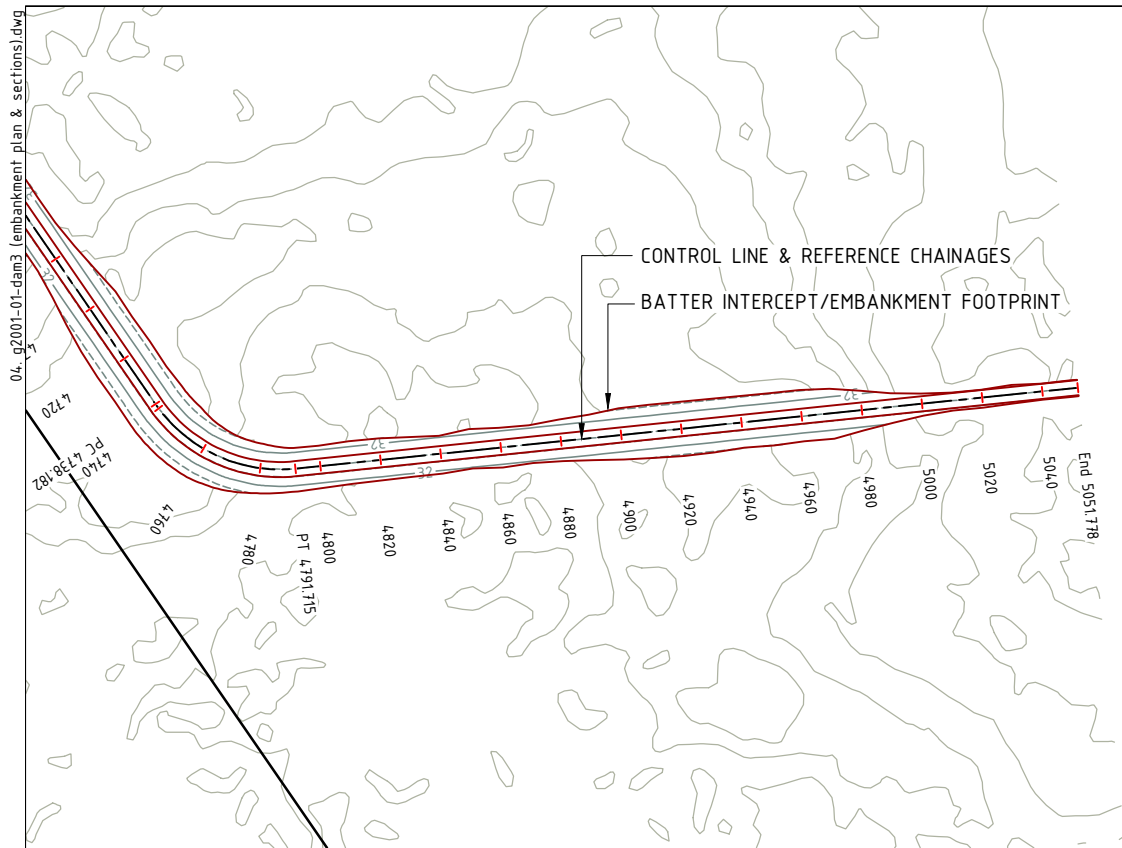
CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 8 OF 9 (CH4200-CH4800)

FILE NO G2001-01-DAM3.DWG
JOB NO G2001/01
SCALE 0 1:2500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10
DRAWING NUMBER G1706-02-DAM-11 4
ISSUE SHEET NO 12

	4200.000	4240.000	4280.000	4320.000	4360.000	4400.000	4416.960	4440.000	4480.000	4495.180	4520.000	4560.000	4600.000	4640.000	4680.000	4720.000	4738.182	4760.000	4791.715	4800.000
DEPTH	+2.687	+2.763	+3.026	+2.771	+2.354	+2.287	+2.200	+2.278	+2.030	+1.915	+1.843	+1.896	+1.376	+1.635	+1.622	+2.555	+2.770	+2.666	+1.504	+1.421
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	30.313	30.237	29.974	30.229	30.646	30.713	30.800	30.722	30.970	31.085	31.157	31.104	31.624	31.365	31.378	30.445	30.230	30.334	31.496	31.579
CHAINAGE	4200.000	4240.000	4280.000	4320.000	4360.000	4400.000	4416.960	4440.000	4480.000	4495.180	4520.000	4560.000	4600.000	4640.000	4680.000	4720.000	4738.182	4760.000	4791.715	4800.000

Scale Horizontal 1:2500 Vertical 1:500

PRINT IN COLOUR



	4800.00	4840.00	4880.00	4920.00	4960.00	5000.00	5040.00	5051.778
DEPTH	+1.421	+1.301	+1.450	+2.138	+2.382	+0.340	+0.073	+0.049
FSL CREST	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
NSL	31.579	31.699	31.550	30.862	30.618	32.660	32.927	32.951
CHAINAGE	4800.000	4840.000	4880.000	4920.000	4960.000	5000.000	5040.000	5051.778

Scale Horizontal 1:2500 Vertical 1:500

CHAINAGE	OFFSET	EASTING	NORTHING	CODE
4800.00	-6.767	771443.559	7487829.930	LBAT
4800.00	0.000	771438.203	7487834.066	CL
4800.00	7.199	771432.505	7487838.466	RBAT
4820.00	-7.134	771431.627	7487813.876	LBAT
4820.00	0.000	771425.980	7487818.236	CL
4820.00	6.760	771420.630	7487822.367	RBAT
4840.00	-5.915	771418.439	7487798.791	LBAT
4840.00	0.000	771413.757	7487802.405	CL
4840.00	6.590	771408.541	7487806.433	RBAT
4860.00	-6.545	771406.715	7487782.575	LBAT
4860.00	0.000	771401.534	7487786.575	CL
4860.00	6.676	771396.250	7487790.655	RBAT
4880.00	-7.234	771395.037	7487766.324	LBAT
4880.00	0.000	771389.311	7487770.745	CL
4880.00	6.644	771384.053	7487774.805	RBAT
4900.00	-8.851	771384.094	7487749.505	LBAT
4900.00	0.000	771377.088	7487754.915	CL
4900.00	8.139	771370.646	7487759.889	RBAT
4920.00	-8.922	771371.927	7487733.631	LBAT
4920.00	0.000	771364.865	7487739.084	CL
4920.00	9.051	771357.701	7487744.616	RBAT
4940.00	-8.770	771359.584	7487717.894	LBAT
4940.00	0.000	771352.642	7487723.254	CL
4940.00	8.406	771345.989	7487728.391	RBAT
4960.00	-8.761	771347.354	7487702.069	LBAT
4960.00	0.000	771340.419	7487707.424	CL
4960.00	8.317	771333.836	7487712.507	RBAT
4980.00	-6.463	771333.311	7487687.644	LBAT
4980.00	0.000	771328.196	7487691.593	CL
4980.00	6.784	771322.826	7487695.740	RBAT
5000.00	-3.349	771318.624	7487673.717	LBAT
5000.00	0.000	771315.973	7487675.763	CL
5000.00	3.964	771312.836	7487678.186	RBAT
5020.00	-2.644	771305.843	7487658.317	LBAT
5020.00	0.000	771303.750	7487659.933	CL
5020.00	3.326	771301.117	7487661.966	RBAT
5040.00	-2.584	771293.573	7487642.523	LBAT
5040.00	0.000	771291.527	7487644.103	CL
5040.00	2.743	771289.356	7487645.779	RBAT
5051.77	-2.572	771286.365	7487633.208	LBAT
5051.77	0.000	771284.329	7487634.780	CL
5051.77	2.814	771282.101	7487636.500	RBAT

DO NOT SCALE OFF DRAWING DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN FOOTPRINT



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE
G2001-01-BASE	BASE PLAN

DRAWN ASC DATE 05/18

DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL

CENTRAL QUEENSLAND COAL PROJECT

CIVIL WORKS
DAM #1 EMBANKMENT
PLAN & LONGITUDINAL SECTIONS
SHEET 9 OF 9 (CH4800-CH5051.778)

FILE NO G2001-01-DAM3.DWG

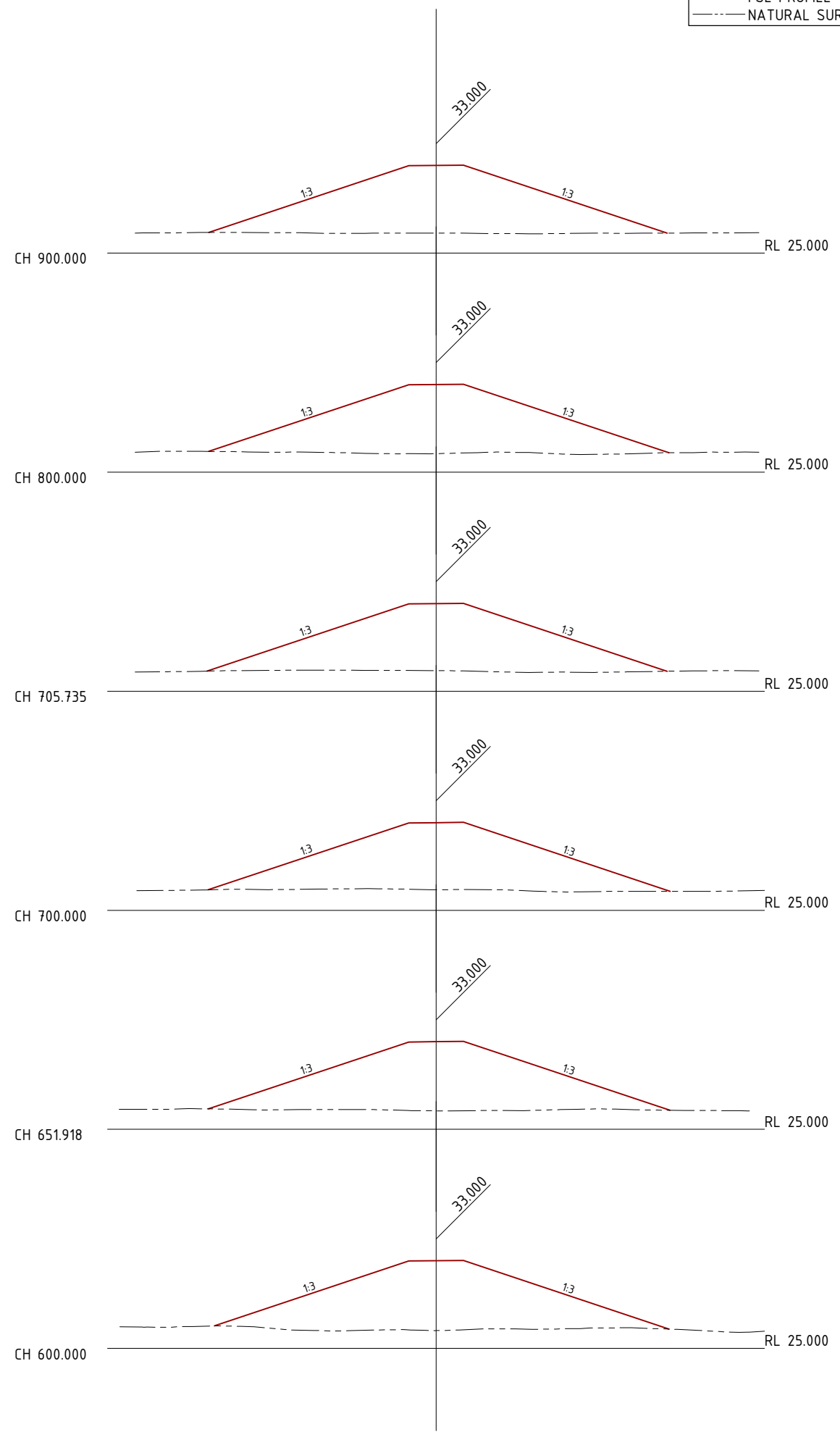
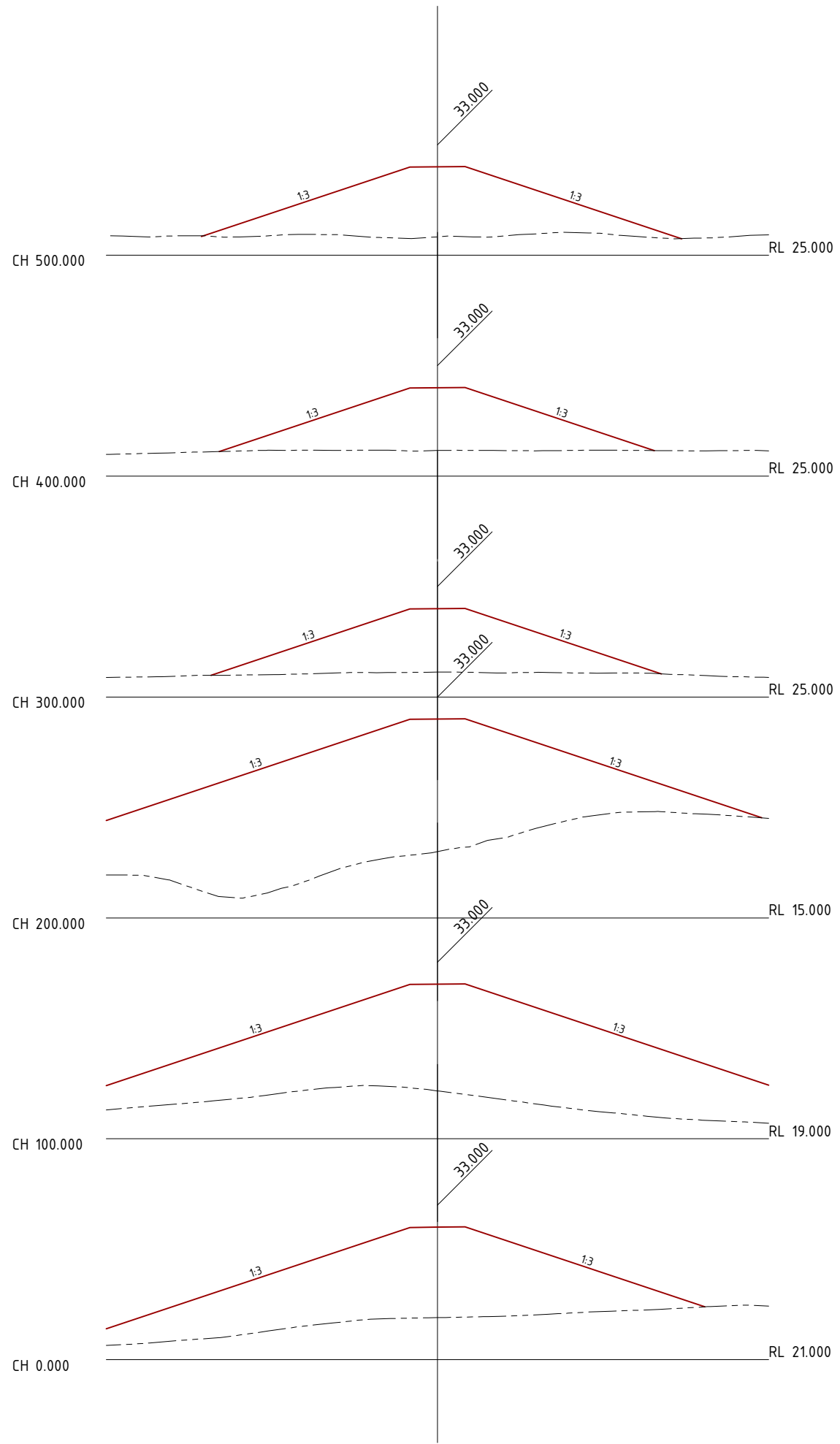
JOB NO G2001/01

SCALE 1:2500 HORZ. 50 AT A3 SIZE
0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-12 4 ISSUE SHEET NO. 13

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS		
ISSUE	DATE	SUBJECT
1	27/05/18	FIRST ISSUE
2	1/06/18	SECOND ISSUE
3	15/07/18	REVISED HWY INTERSECTION
4	1/07/20	NEW DESIGN

XREF FILES	
DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



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 BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 1 OF 6
 (CH0-CH900)

FILE NO G2001-01-DAM3.DWG
 JOB NO G2001/01

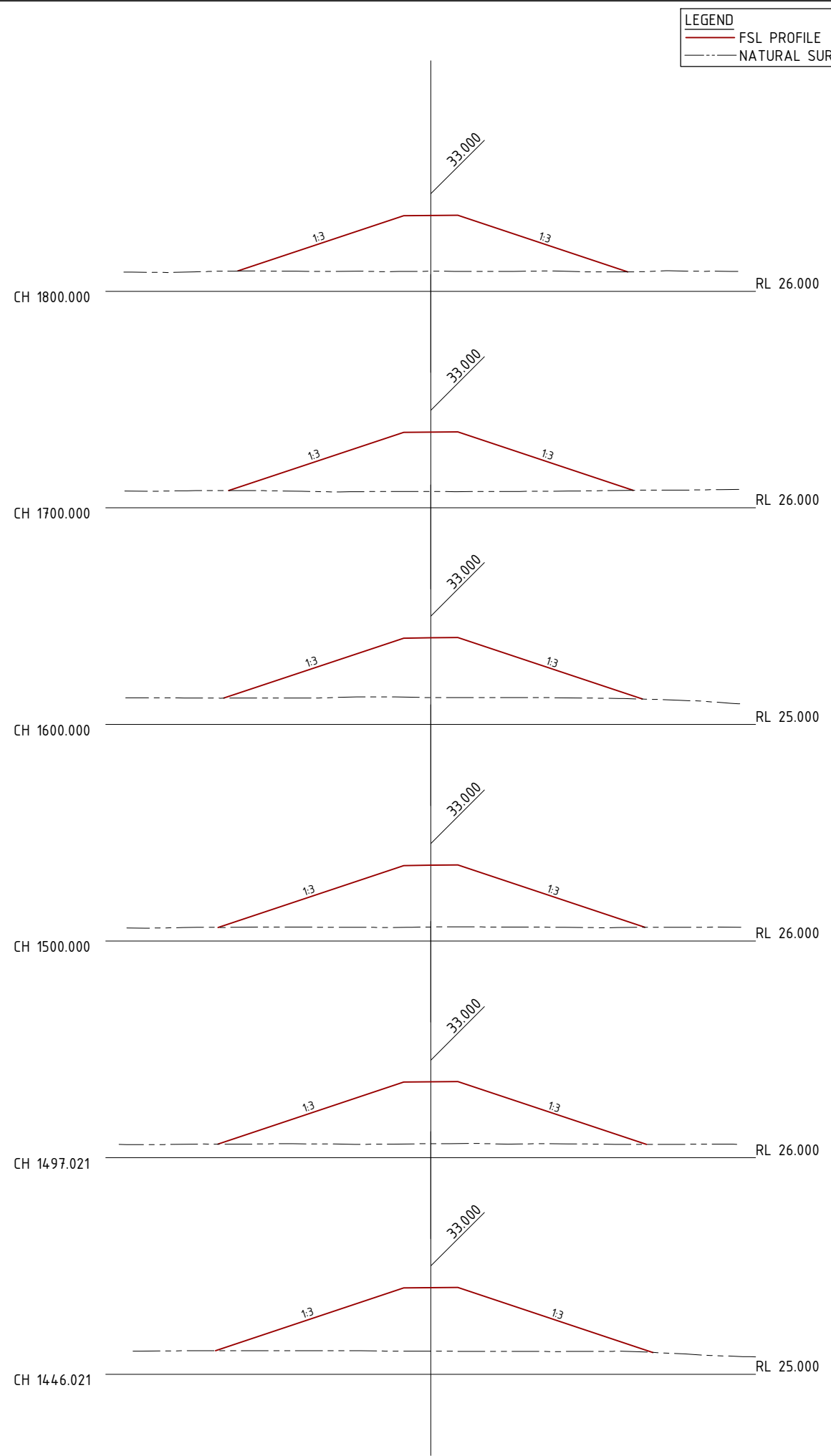
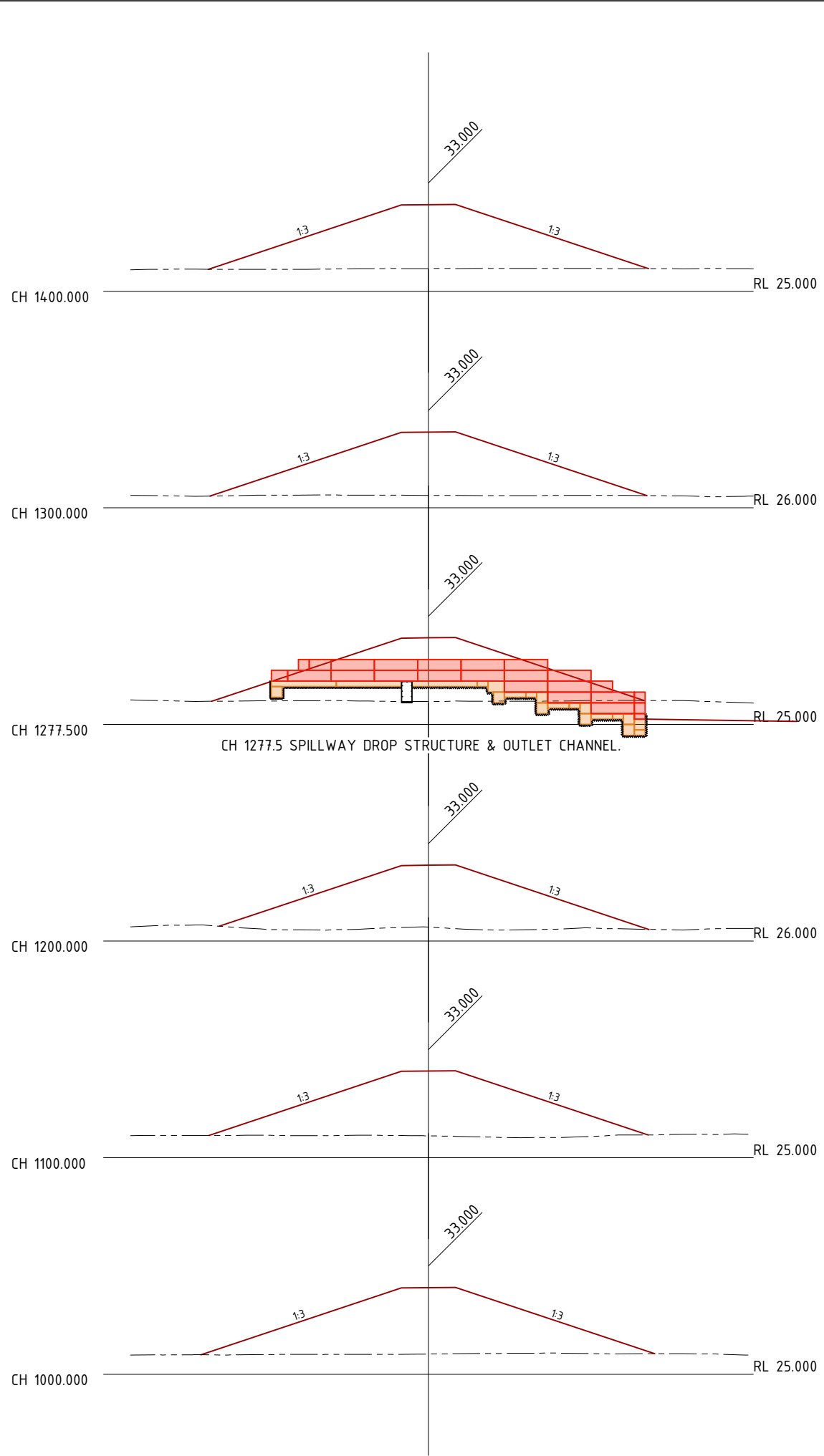
SCALE 0 1:500 HORIZ. 10 AT A3 SIZE
 0 1:500 VERT. 10

DRAWING NUMBER G1706-02-DAM-13 4 ISSUE SHEET NO 14

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3 (embankment plan & sections).dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES	
DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



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 PH: 4978 4845
 email: adslu3d8@tpg.com.au
 BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 2 OF 6
 (CH1000-CH1800)

FILE NO G2001-01-DAM3.DWG
 JOB NO G2001/01

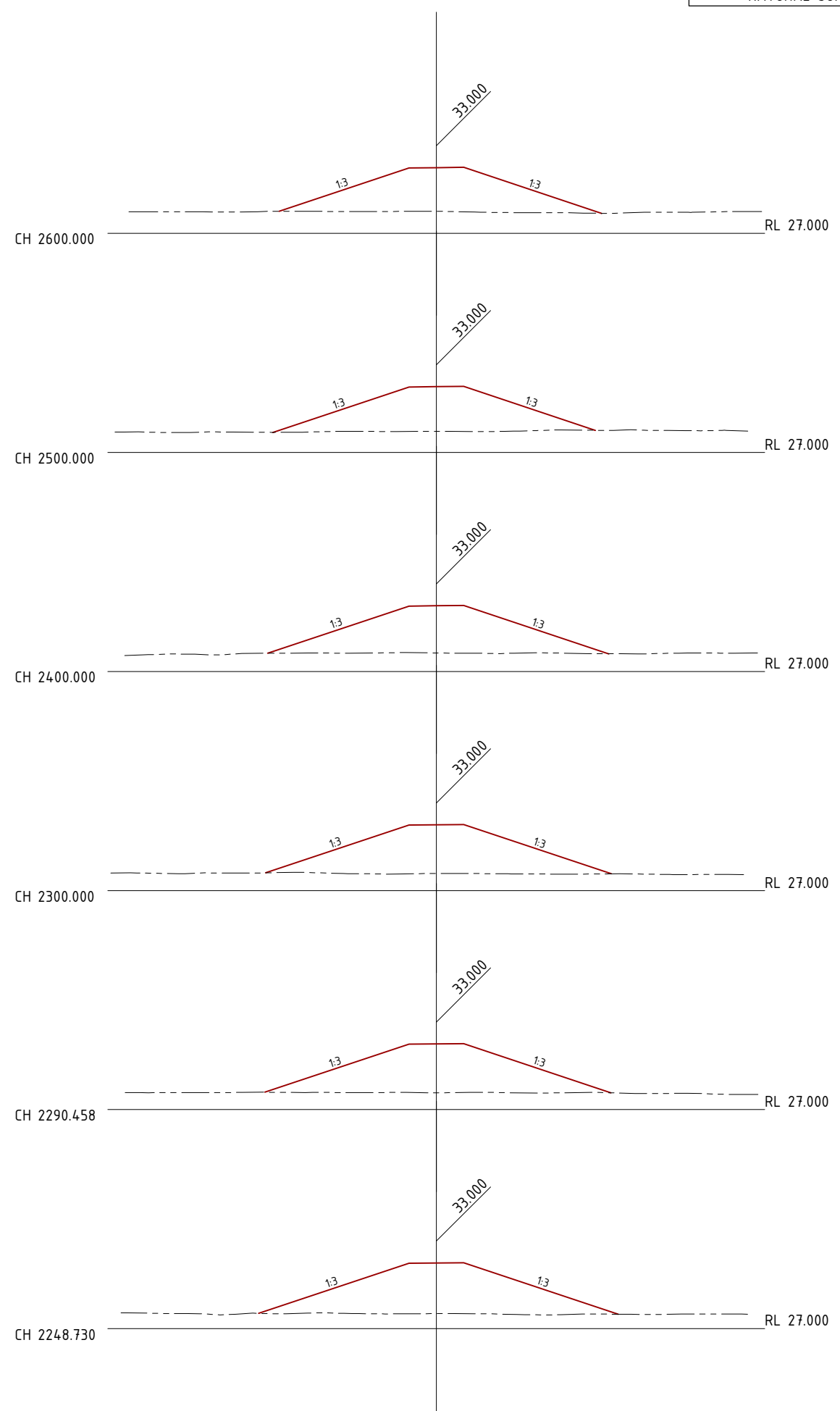
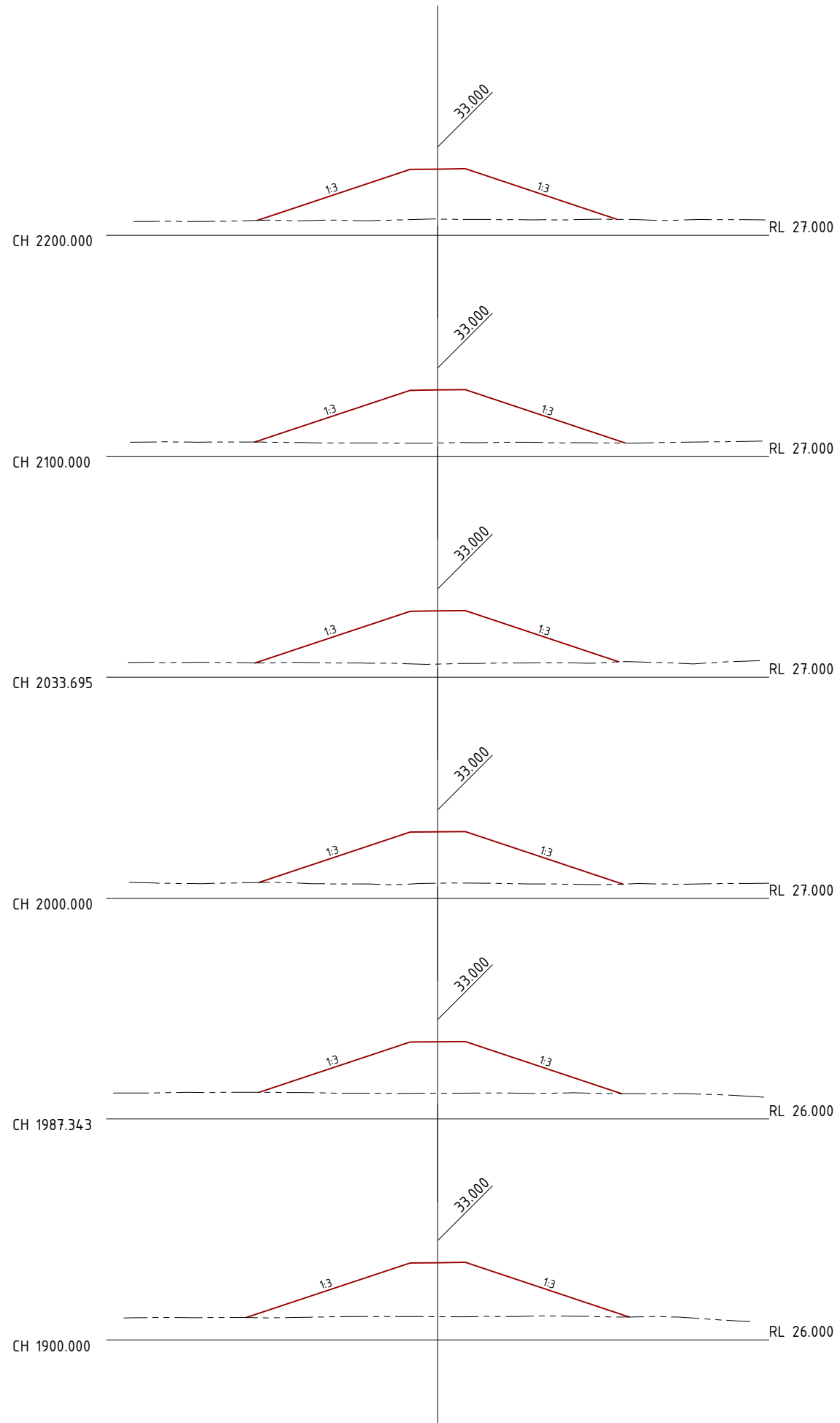
SCALE 0 1:500 HORIZ. 10 AT A3 SIZE
 0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-14 4 ISSUE SHEET NO 15

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
 CONSULTING ENGINEERS
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 BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 3 OF 6
 (CH1900-CH2600)

FILE NO G2001-01-DAM3.DWG
 JOB NO G2001/01

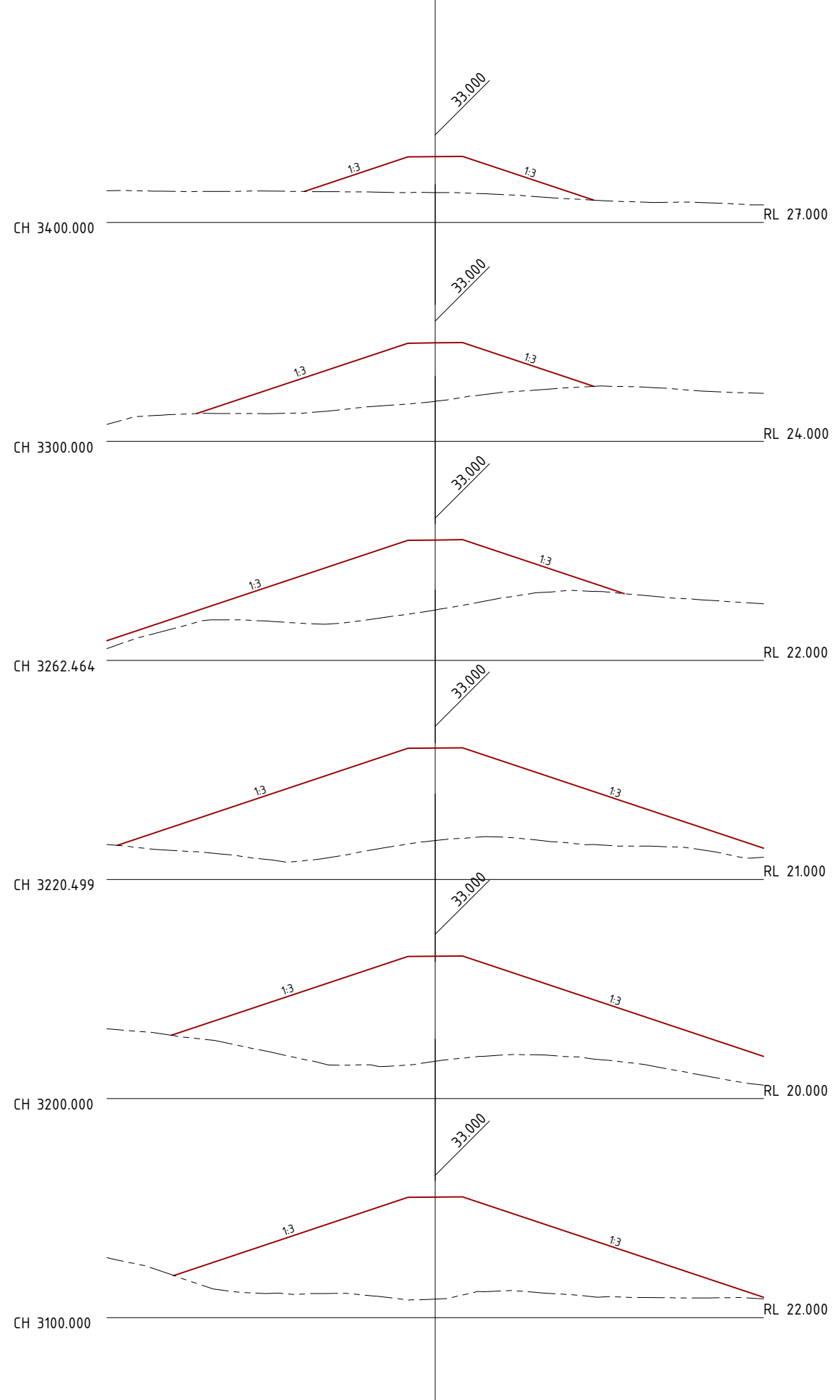
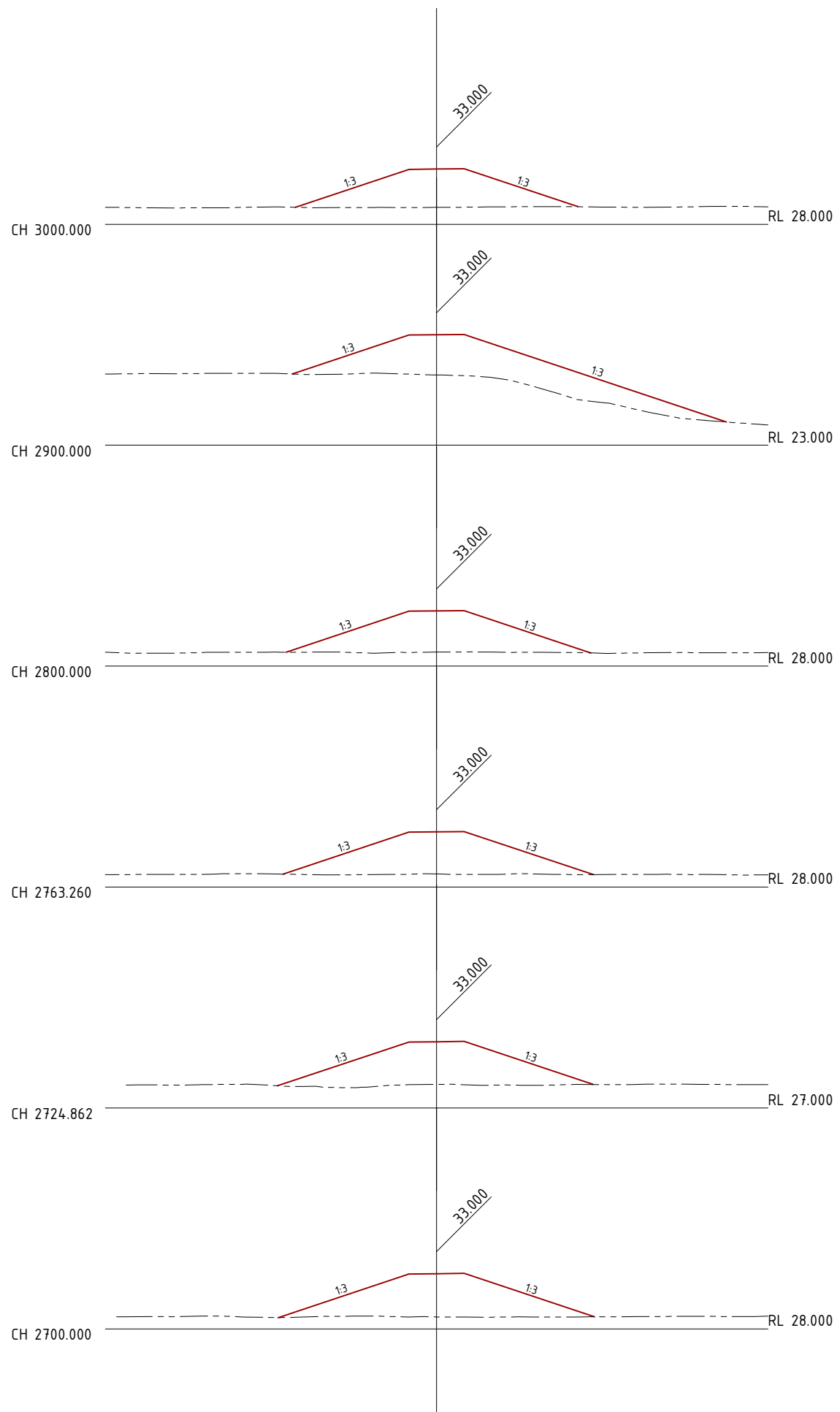
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 0 1:500 VERT. 10

DRAWING NUMBER G1706-02-DAM-15 4 ISSUE SHEET NO 16

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
 CONSULTING ENGINEERS
 ACN 054 355 252
 PH: 4978 4845
 email: adslu3d8@tpg.com.au
 BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 4 OF 6
 (CH2700-CH3400)

FILE NO G2001-01-DAM3.DWG
 JOB NO G2001/01

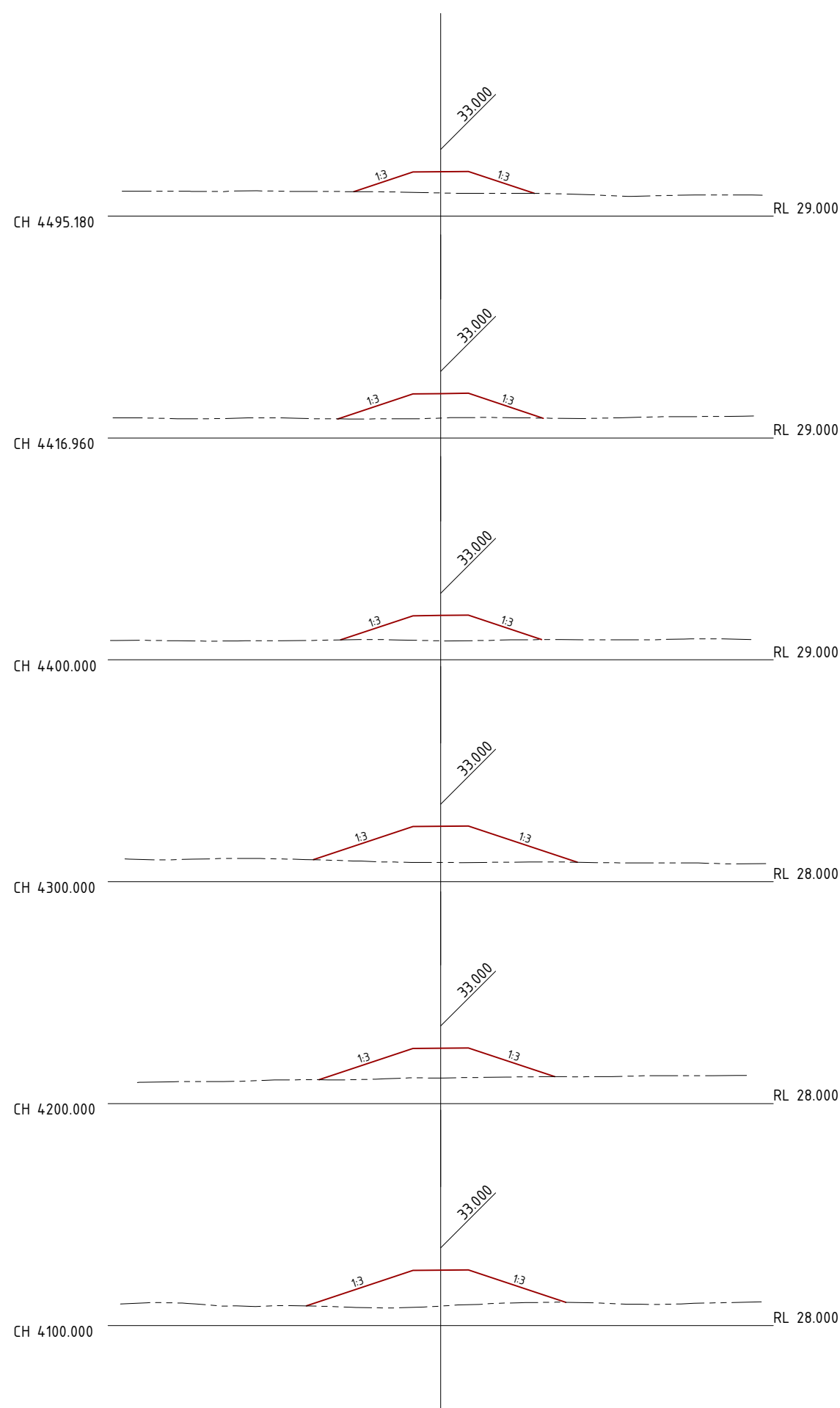
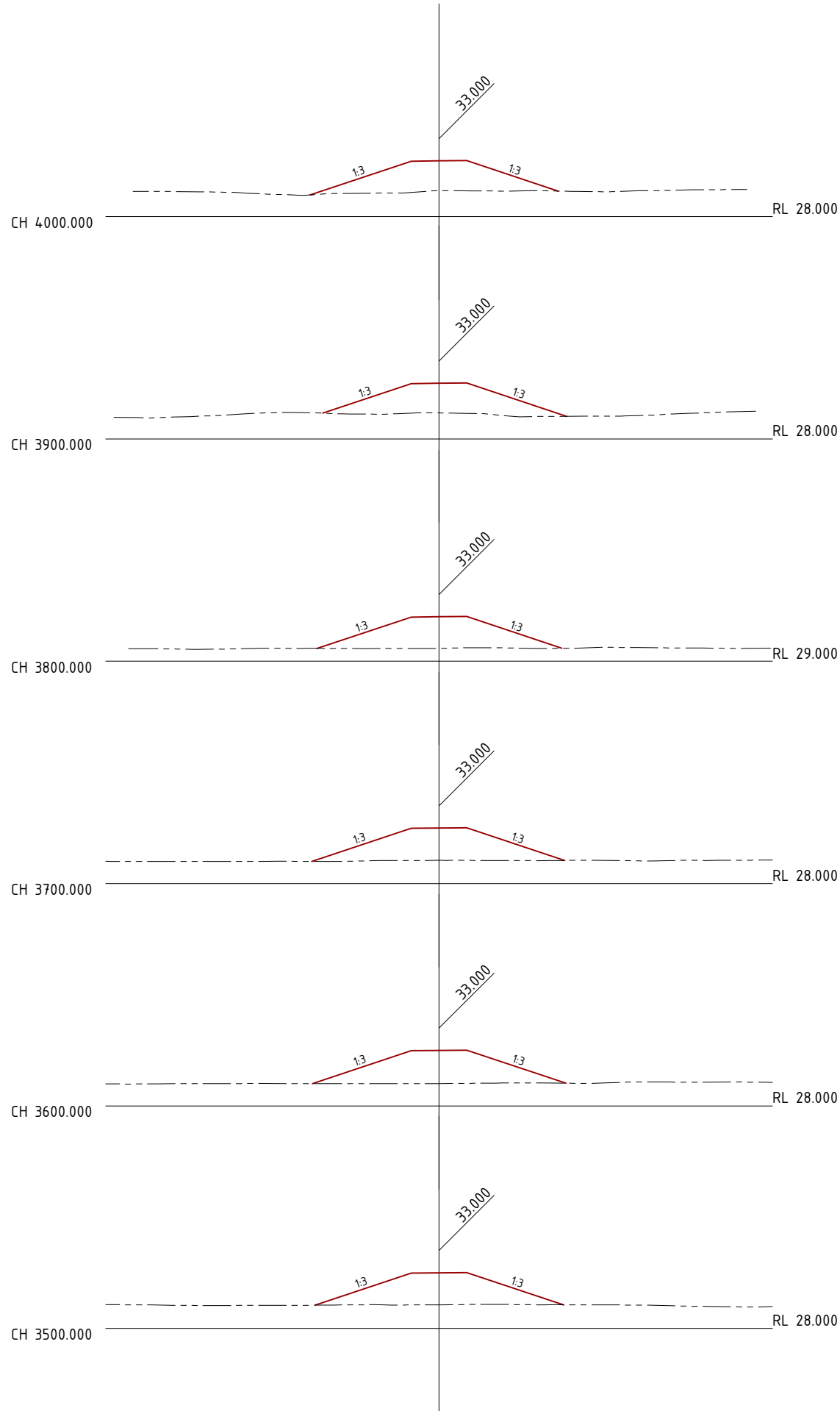
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 0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-16 4 ISSUE SHEET NO 17

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
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 email: adslu3d8@tpg.com.au
 BRISBANE, GLADSTONE

RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 5 OF 6
 (CH3500-CH4495.180)

FILE NO
 G2001-01-DAM3.DWG
 JOB NO
 G2001/01

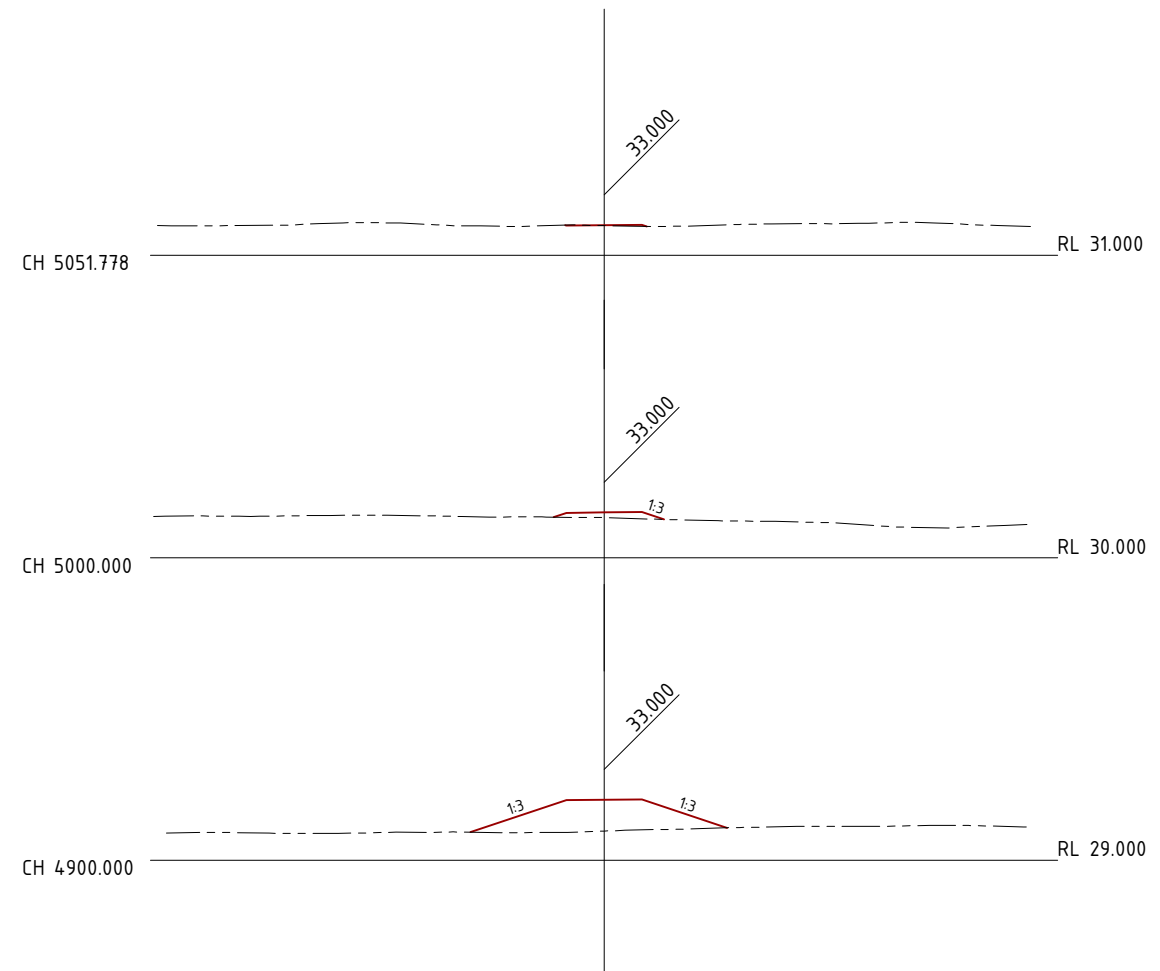
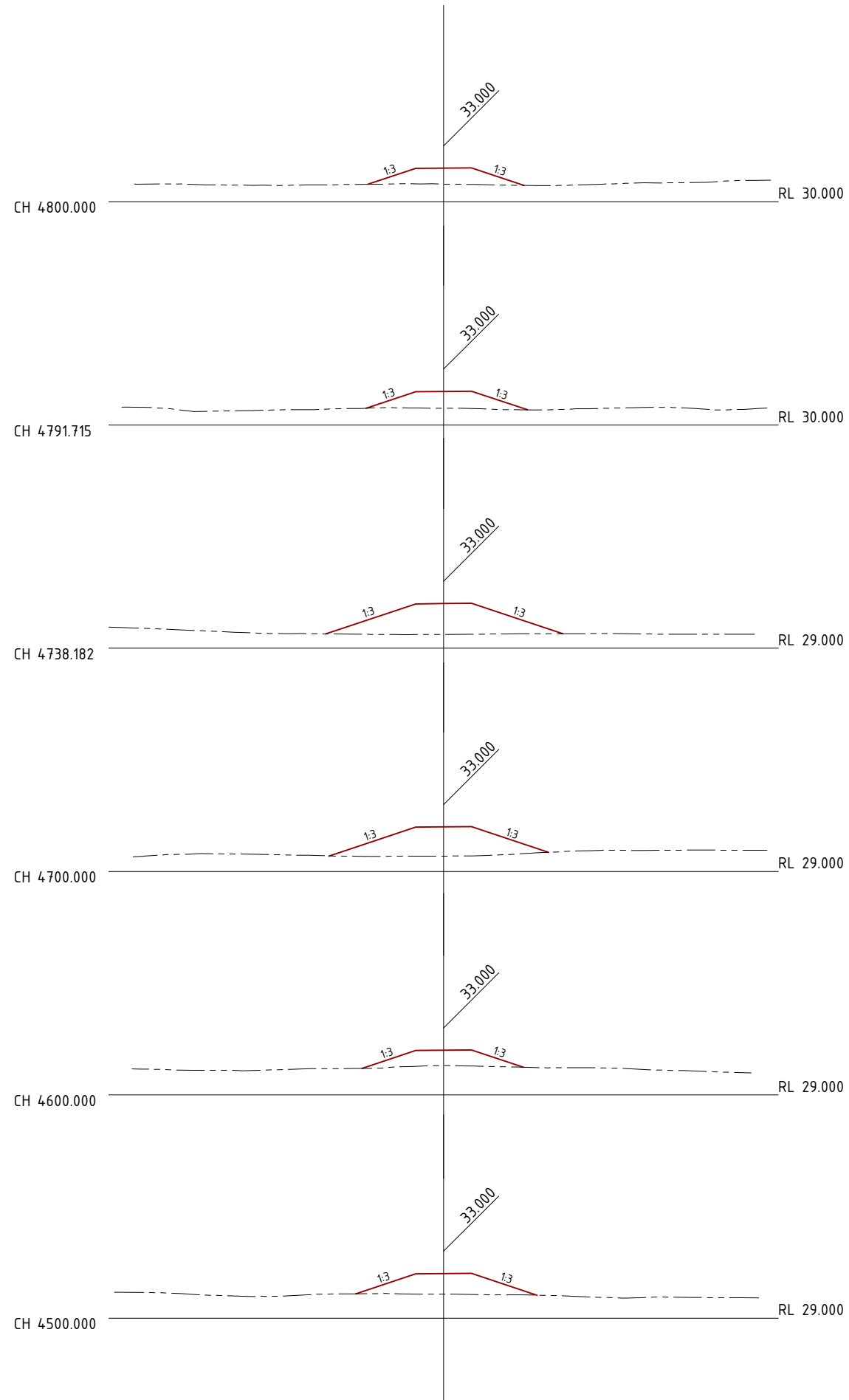
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 0 1:500 VERT 10

DRAWING NUMBER ISSUE SHEET NO
 G1706-02-DAM-17 4 18

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

04_g2001-01-dam3_embankment_plan & sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
 CONSULTING ENGINEERS
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 BRISBANE, GLADSTONE

RPEQ 4321 AUTHORIZED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 EMBANKMENT
 CROSS SECTIONS SHEET 6 OF 6
 (CH4500-CH5051.778)

FILE NO G2001-01-DAM3.DWG
 JOB NO G2001/01

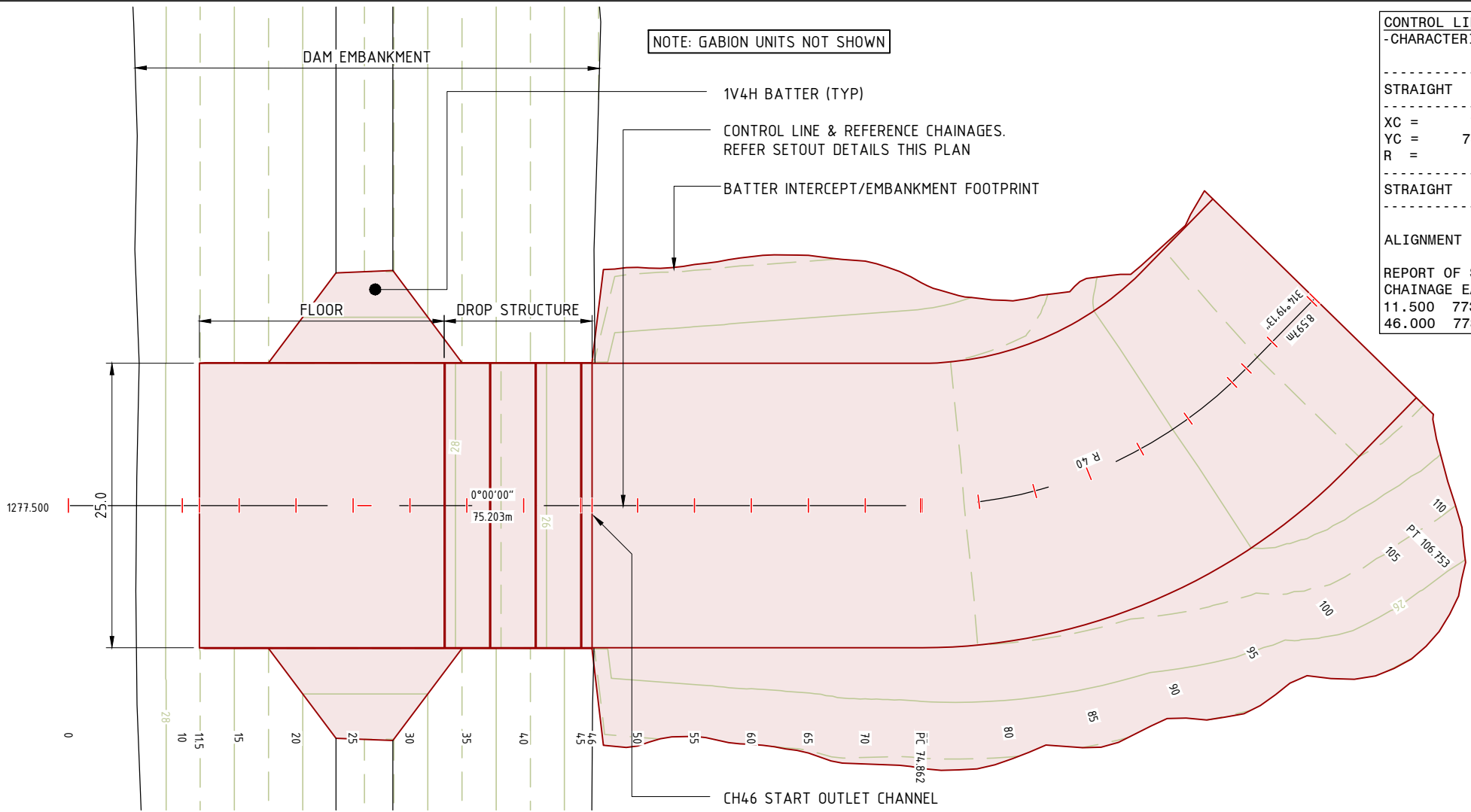
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 0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-18 4 ISSUE SHEET NO. 19

Scale Horizontal 1:500 Vertical 1:500

PRINT IN COLOUR

05_g2001-01-dam4_spillway_channel_plan_and_sections.dwg



CONTROL LINE SETOUT				
-CHARACTERISTICS-	-LENGTH-	-CHAINAGE-	-EASTING-	-NORTHING-
STRAIGHT	0°00'00"	74.862		
		74.862	773363.205	7490026.362
XC =	773323.205	31.890		
YC =	7490026.362			
R =	40.000			
STRAIGHT	314°19'13"	8.597		
		106.753	773351.152	7490054.980
		115.350	773345.001	7490060.987
ALIGNMENT LENGTH		115.350		
REPORT OF STRING DESIGN				
CHAINAGE	EASTING	NORTHING		
11.500	773363.205	7489963.000	START DROP STRUCTURE	
46.000	773363.205	7489997.500	START OUTLET CHANNEL	

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO

SURVEY DATUM MGA55.
CONTOURS 1.0m FINISHED SURFACE



NOT FOR CONSTRUCTION

AMENDMENTS		
ISSUE	DATE	SUBJECT
1	27/05/18	FIRST ISSUE
2	1/06/18	SECOND ISSUE
3	15/07/18	REVISED HWY INTERSECTION
4	1/07/20	NEW DESIGN

XREF FILES	
DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
CONSULTING ENGINEERS
ACN 054 355 252
PH: 4978 4845
email: adslu3d8@tpg.com.au
BRISBANE, GLADSTONE

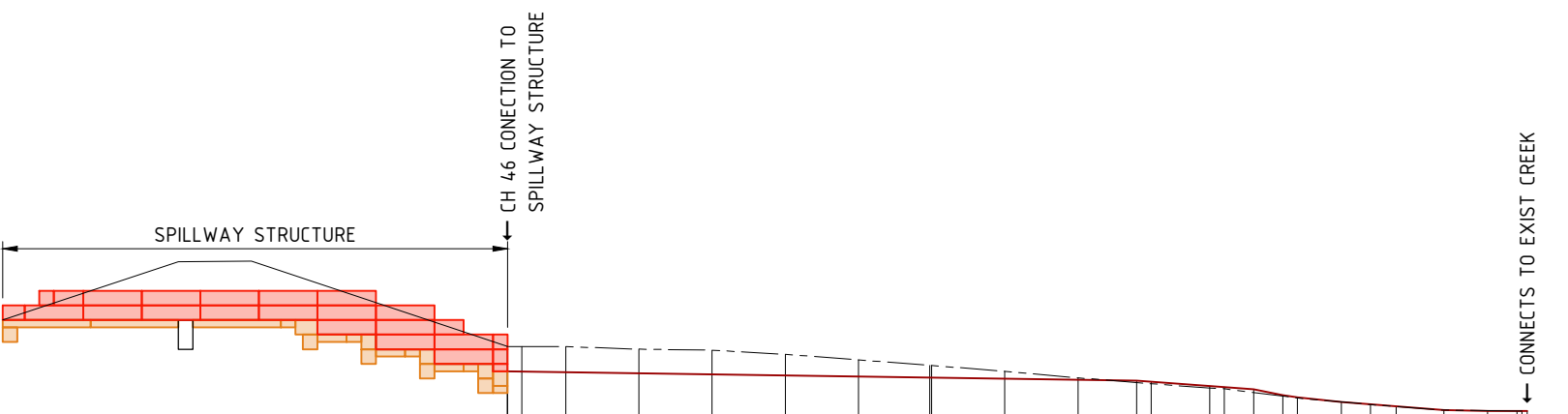
RPEQ 4321
AUTHORISED FOR ISSUE DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
DAM #1 SPILLWAY OUTLET CHANNEL
PLAN & LONGITUDINAL SECTION

FILE NO G2001-01-DAM4.DWG
JOB NO G2001/01

SCALE 0 1:500 HORIZ. 10 AT A3 SIZE
0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-19 4
ISSUE SHEET NO 20



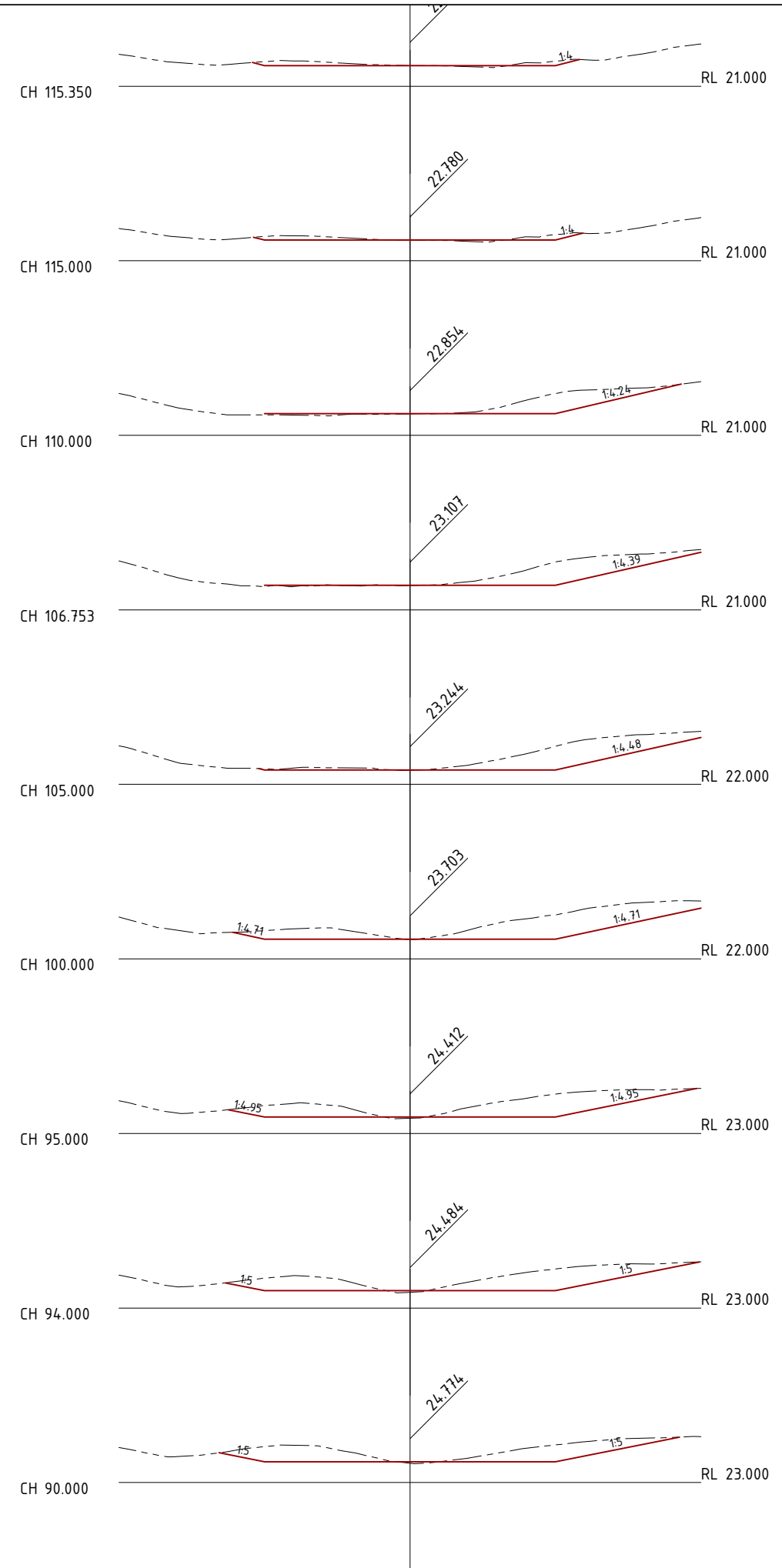
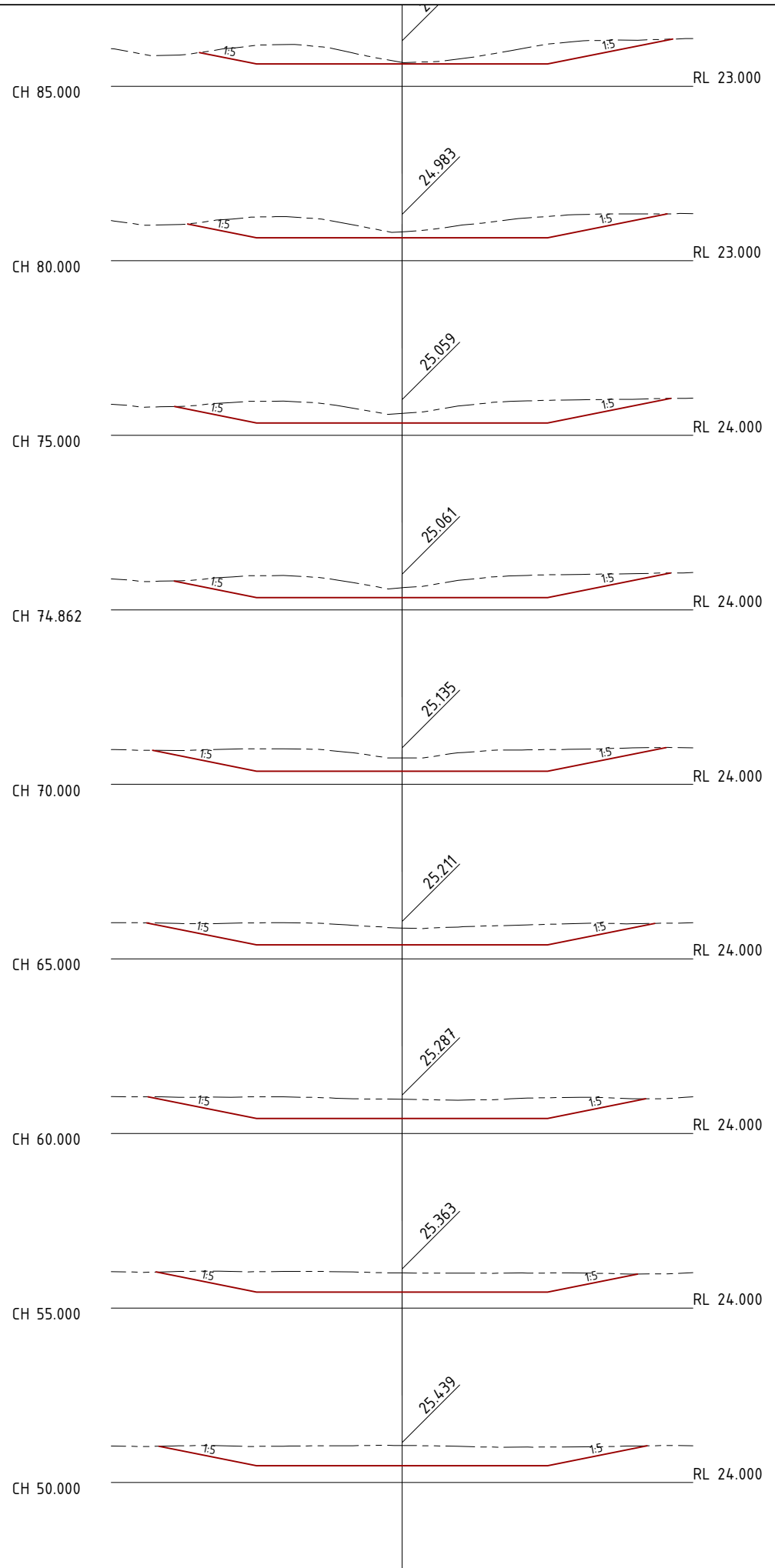
	46.000	46.020	47.000	50.000	55.000	60.000	65.000	70.000	74.862	75.000	80.000	85.000	89.000	90.000	94.000	95.000	97.000	99.000	100.000	103.000	105.000	106.753	110.000	113.000	115.000	115.350	115.691
DEPTH	-1.692	-1.685	-1.704	-1.742	-1.642	-1.652	-1.443	-1.138	-0.840	-0.831	-0.510	-0.139	+0.128	+0.134	+0.111	+0.034	+0.022	+0.027	+0.010	+0.000	+0.000						
INVERT FSL	25.500	25.500	25.485	25.439	25.363	25.287	25.211	25.135	25.061	25.059	24.983	24.907	24.846	24.774	24.484	24.412	24.267	23.863	23.703	23.400	23.244	23.107	22.854	22.783	22.780	22.780	22.779
NSL	27.192	27.185	27.188	27.181	27.006	26.939	26.654	26.273	25.902	25.890	25.493	25.046	24.646	24.350	24.300	23.668	23.221	23.080	22.843	22.780	22.779	22.779	22.779	22.779	22.779	22.779	22.779
CHAINAGE	46.000	46.020	47.000	50.000	55.000	60.000	65.000	70.000	74.862	75.000	80.000	85.000	89.000	90.000	94.000	95.000	97.000	99.000	100.000	103.000	105.000	106.753	110.000	113.000	115.000	115.350	115.691

Scale Horizontal 1:500 Vertical 1:500

CONTROL LINE SETOUTS		
CHAINAGE	EASTING	NORTHING
45.000	773363.205	7489996.500
46.000	773363.205	7489997.500
46.020	773363.205	7489997.520
47.000	773363.205	7489998.500
50.000	773363.205	7490001.500
55.000	773363.205	7490006.500
60.000	773363.205	7490011.500
65.000	773363.205	7490016.500
70.000	773363.205	7490021.500
74.862	773363.205	7490026.362
75.000	773363.205	7490026.500
80.000	773362.876	7490031.486
85.000	773361.927	7490036.392
90.000	773360.375	7490041.142
94.000	773358.714	7490044.778
95.000	773358.242	7490045.660
100.000	773355.563	7490049.878
105.000	773352.379	7490053.729
106.753	773351.152	7490054.980
110.000	773348.829	7490057.249
115.000	773345.251	7490060.742
115.350	773345.001	7490060.987

PRINT IN COLOUR

05_g2001-01-dam4_spillway_channel_plan_sections.dwg



LEGEND
 — FSL PROFILE
 - - - NATURAL SURFACE

DO NOT SCALE OFF DRAWING
 DIMENSIONS METERS UNO

SURVEY DATUM MGA55



NOT FOR CONSTRUCTION

AMENDMENTS

ISSUE	DATE	SUBJECT	AUTHORISED
1	27/05/18	FIRST ISSUE	GK
2	1/06/18	SECOND ISSUE	GK
3	15/07/18	REVISED HWY INTERSECTION	GK
4	1/07/20	NEW DESIGN	GK

XREF FILES

DRAWING NO.	TITLE

DRAWN ASC DATE 05/18
 DESIGN ASC DATE 05/18



COX ANDREWS ENGINEERS PTL
 CONSULTING ENGINEERS
 ACN 054 355 252
 PH: 4978 4845
 email: adslu3d8@tpg.com.au
 BRISBANE, GLADSTONE

RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 01/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 DAM #1 SPILLWAY OUTLET CHANNEL
 CROSS SECTIONS

FILE NO
 G2001-01-DAM4.DWG
 JOB NO
 G2001/01

SCALE 0 1:500 HORZ. 10 AT A3 SIZE
 0 1:500 VERT 10

DRAWING NUMBER G1706-02-DAM-20 4
 ISSUE SHEET NO. 21

Scale Horizontal 1:500 Vertical 1:500

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