



Central Queensland Coal Project
Appendix 16d – MIA, CHPP and Dam
1 Access Road Civil Drawings

Central Queensland Coal

CQC SEIS, Version 3

October 2020



CENTRAL QUEENSLAND COAL



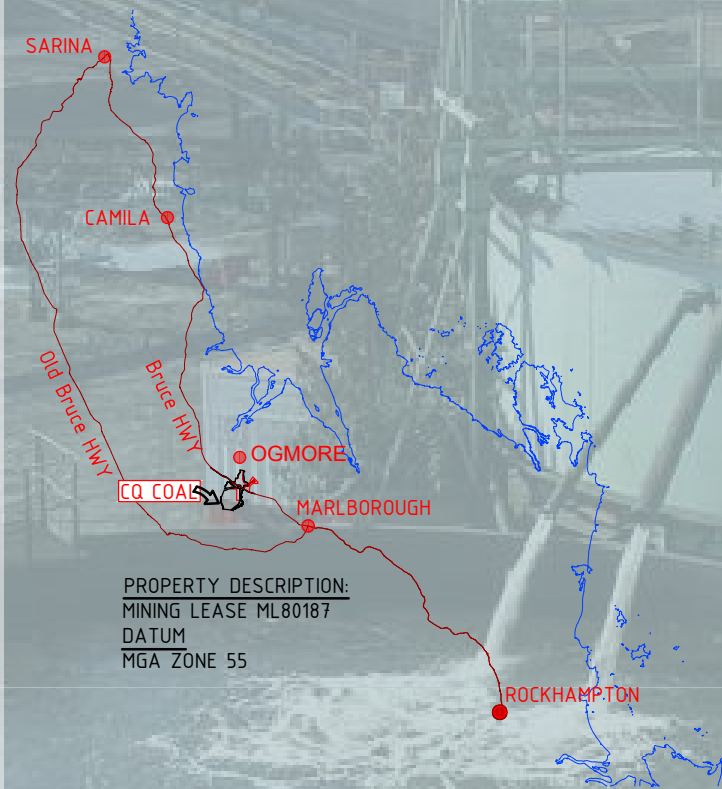
DRAWING INDEX

SHEET	DWG NO.	REV	DESCRIPTION
CIVIL WORKS			
1	G1706-02-GA-1	4	SITE PLAN
CHPP/MIA HARDSTAND FACILITY – HARDSTAND			
2	G1706-02-MIA-1	4	FINISHED SURFACE DETAILS
CHPP/MIA HARDSTAND FACILITY – ACCESS ROAD TO DAM #1			
3	G1706-02-MIA-2	4	TYPE CROSS SECTION & DETAILS
4	G1706-02-MIA-3	4	PLAN & LONGITUDINAL SECTION SHEET 1 OF 3
5	G1706-02-MIA-4	4	PLAN & LONGITUDINAL SECTION SHEET 2 OF 3
6	G1706-02-MIA-5	4	PLAN & LONGITUDINAL SECTION SHEET 3 OF 3
7	G1706-02-MIA-6	4	CROSS SECTIONS SHEET 1 OF 8
8	G1706-02-MIA-7	4	CROSS SECTIONS SHEET 2 OF 8
9	G1706-02-MIA-8	4	CROSS SECTIONS SHEET 3 OF 8
10	G1706-02-MIA-9	4	CROSS SECTIONS SHEET 4 OF 8
11	G1706-02-MIA-10	4	CROSS SECTIONS SHEET 5 OF 8
12	G1706-02-MIA-11	4	CROSS SECTIONS SHEET 6 OF 8
13	G1706-02-MIA-12	4	CROSS SECTIONS SHEET 7 OF 8
14	G1706-02-MIA-13	4	CROSS SECTIONS SHEET 8 OF 8

CIVIL WORKS

CHPP/MIA HARDSTAND FACILITY – HARDSTAND

CHPP/MIA HARDSTAND FACILITY – ACCESS ROAD TO DAM #1



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

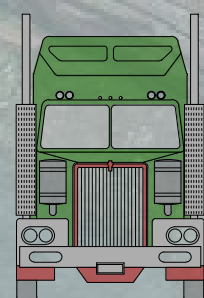
- NO WORK IS TO BE STARTED WITHIN 3m OF EXISTING SERVICES PRIOR TO NOTIFYING THE RELEVANT SERVICE AUTHORITY. DETAILS OF EXISTING SERVICES INCLUDING LOCATIONS POSITION AND LEVEL THAT HAVE ALREADY BEEN DETERMINED ARE SHOWN ON THE DRAWINGS. PRIOR TO COMMENCING CONSTRUCTION WORKS THE CONTRACTOR SHALL OBTAIN 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 AUTHORIZED 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

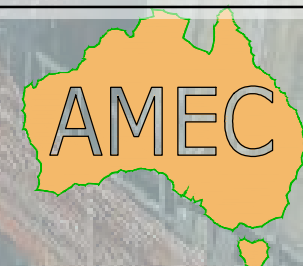
- THE CONTRACTOR IS DEEMED TO BE FAMILIAR WITH THE CURRENT ENVIRONMENTAL LAWS AND HIS LEGAL RESPONSIBILITIES AND LIABILITIES UNDER THE LAWS.
- THE CONTRACTOR IS DEEMED TO BE RESPONSIBLE FOR THE ENVIRONMENTAL MANAGEMENT OF THE SITE FOR THE DURATION OF THE CONTRACT AND IS RESPONSIBLE FOR ANY BREACHES TO 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

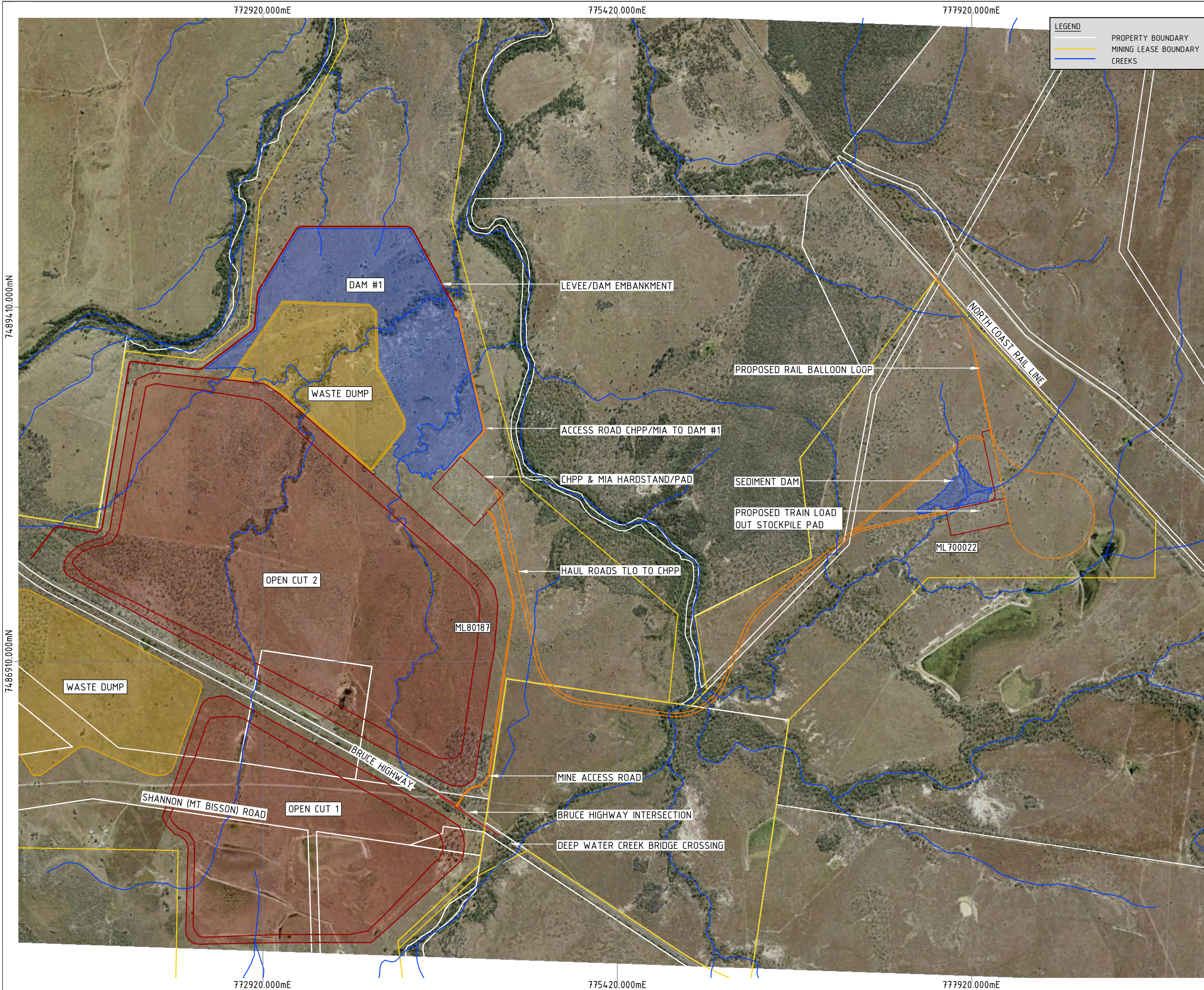
- UNLESS NOTED OTHERWISE REFERENCES TO STANDARD DRAWINGS "STD DWG" ARE CAPRICORN MUNICIPAL DEVELOPMENT GUIDELINES (CMDG) STANDARD DRAWINGS OR TRANSPORT MAIN ROADS (TMR) STANDARD DRAWINGS.



CENTRAL QUEENSLAND COAL MINE
MIA/CHPP HARDSTAND FACILITY &
ACCESS ROAD TO DAM #1
JOB NO. G2001/01



AUSTRALIAN MINING ENGINEERING
CONSULTANTS



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



AUSTRALIAN MINING ENGINEERING CONSULTANTS
 PH: 4954 9429
 MOB: 0417187149
 EMAIL: amec1@bigpond.net.au
 MACKAY

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

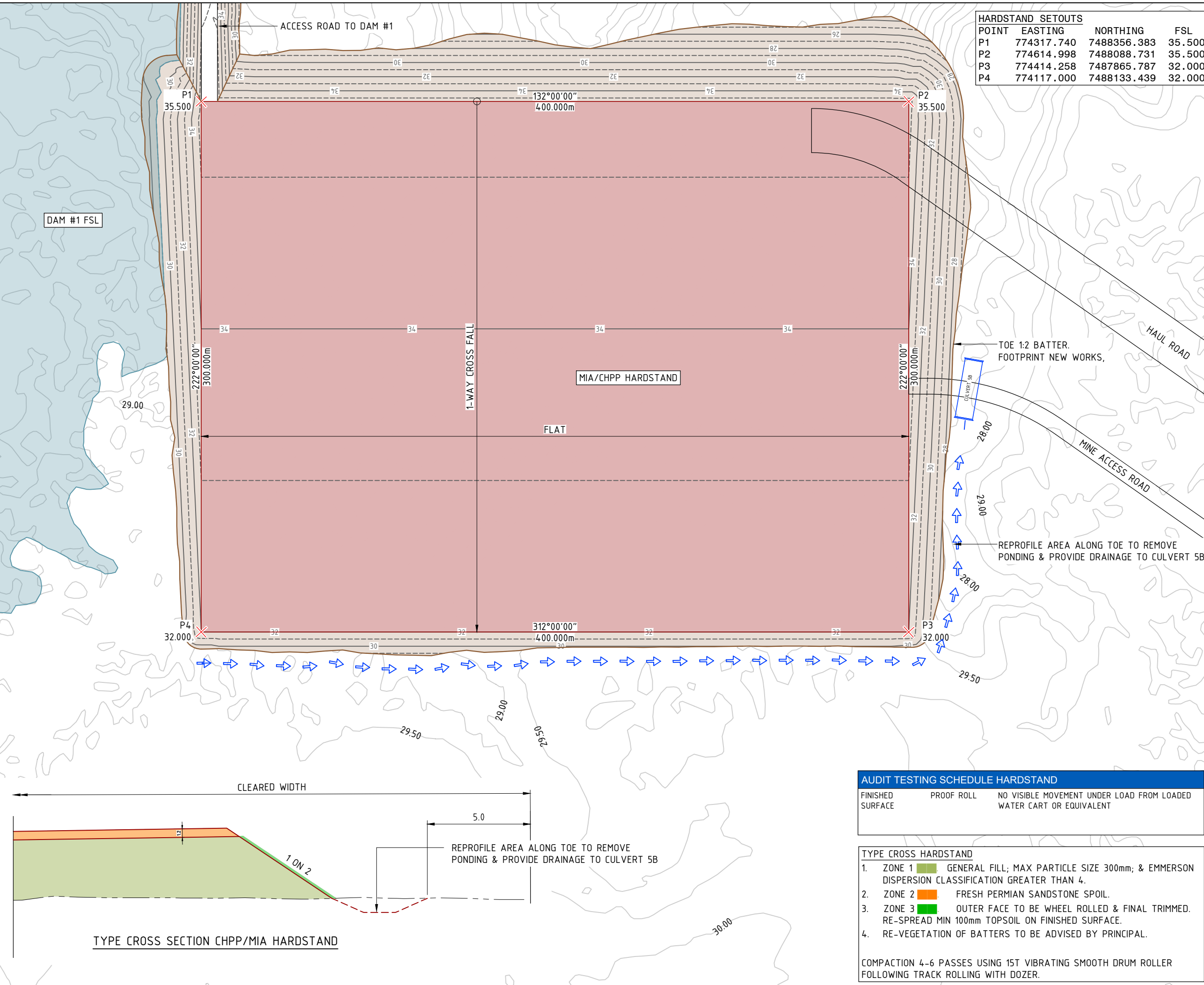
JOB NO G1706/02

SCALE 0 1:20000 HORZ. 400 AT A3 SIZE

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

PRINT IN COLOUR

02_g2001-01-mia1 (mia & road to dam 1 - hardstand).dwg



HARDSTAND SETOUTS			
POINT	EASTING	NORTHING	FSL
P1	774317.740	7488356.383	35.500
P2	774614.998	7488088.731	35.500
P3	774414.258	7487865.787	32.000
P4	774117.000	7488133.439	32.000

DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN NEW WORKS 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 1/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
CHPP/MIA HARDSTAND FACILITY
HARDSTAND FINISHED SURFACE
DETAILS

FILE NO
G2001-01-MIA1.DWG
JOB NO
G2001/01

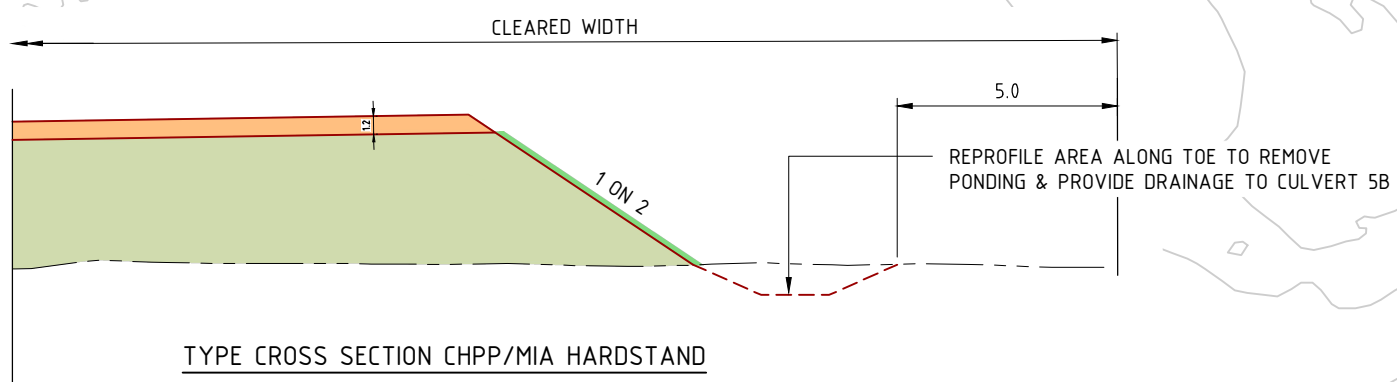
SCALE
0 1:2000 HORZ. 40 AT A3 SIZE

DRAWING NUMBER
G1706-02-MIA-1
ISSUE SHEET NO.
4 | 2

AUDIT TESTING SCHEDULE HARDSTAND		
FINISHED SURFACE	PROOF ROLL	NO VISIBLE MOVEMENT UNDER LOAD FROM LOADED WATER CART OR EQUIVALENT

- TYPE CROSS HARDSTAND**
- ZONE 1 GENERAL FILL; MAX PARTICLE SIZE 300mm; & EMMERSON DISPERSION CLASSIFICATION GREATER THAN 4.
 - ZONE 2 FRESH PERMIAN SANDSTONE SPOIL.
 - ZONE 3 OUTER FACE TO BE WHEEL ROLLED & FINAL TRIMMED. RE-SPREAD MIN 100mm TOPSOIL ON FINISHED SURFACE.
 - RE-VEGETATION OF BATTERS TO BE ADVISED BY PRINCIPAL.

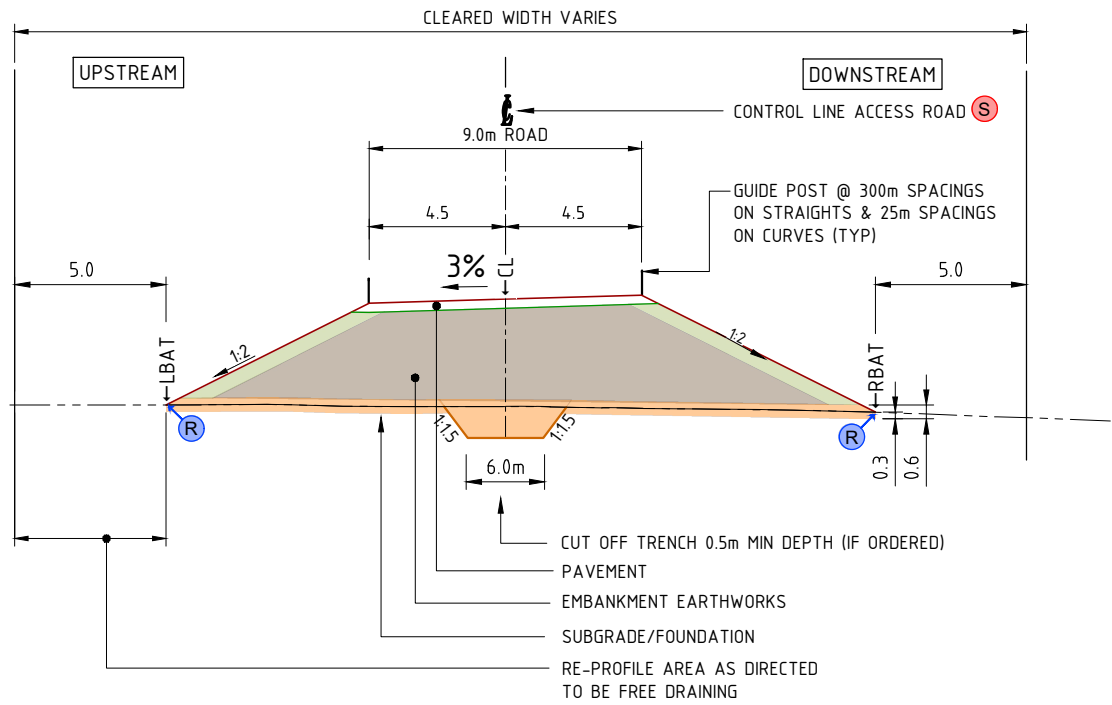
COMPACTION 4-6 PASSES USING 15T VIBRATING SMOOTH DRUM ROLLER FOLLOWING TRACK ROLLING WITH DOZER.



TYPE CROSS SECTION CHPP/MIA HARDSTAND

PRINT IN COLOUR

03_g2001-01-mia2 (mia & road to dam 1 - road).dwg



LEGEND

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

TYPE CROSS NOTES

- EARTHWORKS**
- 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.
 - RE-VEGETATION OF CREST & BATTERS TO BE ADVISED BY PRINCIPAL.
 - COMPACTION STANDARD 100% STANDARD (AS1289) AT OMC ±2%

PAVEMENT MATERIALS
 BASE COURSE 300mm COMPACTED DEPTH FRESH PERMIAN SANDSTONE SPOIL; SUB-BASE(1) COURSE IF ORDERED 150mm SELECTED MATERIAL MIN CBR 10%. PAVEMENT MATERIALS TO BE SUPPLIED IN STOCKPILE BY THE MINE.

ALIGNMENT SETOUTS
 REFER TABLE THIS PLAN AND CONSTRUCTION TABLES INCLUDED WITH LONGITUDINAL SECTIONS.

TYPICAL ROAD TYPE CROSS SECTION

AUDIT TESTING SCHEDULE/COMPLIANCE STANDARDS

SUBGRADE CBR'S	CBR TO MAIN ROADS (TMR) TEST Q113A (4 DAY SOAKED SPECIMENS, 4 POINT)	ONE TEST PER MATERIAL CHANGE. PLAN SHOWING EXTENT OF EACH TYPE OF MATERIAL TESTED.
EMBANKMENT EARTHWORKS ZONES 1 & 2	FIELD DENSITY (AUSTRALIAN STANDARD)	ONE (1) PER 100 METRES OF ROAD, ALTERNATIVE SIDES; A MINIMUM OF 100% STANDARD COMPACTION IS REQUIRED TO BE ACHIEVED.
EMBANKMENT EARTHWORKS ZONES 3	FIELD DENSITY (AUSTRALIAN STANDARD)	ONE (1) PER 100 METRES OF ROAD; A MINIMUM OF 100% STANDARD COMPACTION IS REQUIRED TO BE ACHIEVED.
EMBANKMENT MATERIAL INCL. CUT OFF TRENCH ZONES 2 & 3	QUALITY	FOR EACH MATERIAL ZONE 2 & 3 ONE (1) TEST COMPRISING GRADING, ATTERBERGS INCL. SHRINKAGE & EMMERSON CLASS DISPERSION PER 100 METRES OF ROAD.
SUBGRADE PREPARATION	FIELD DENSITY (AUSTRALIAN STANDARD)	ONE (1) PER 100 METRES OF ROAD, ALTERNATIVE SIDES; A MINIMUM OF 100% STANDARD COMPACTION IS REQUIRED TO BE ACHIEVED.
	PROOF ROLL WITH LOADED WATER CART OR EQUIV.	ENTIRE AREA. NO VISIBLE FLEXING TO BE OBSERVED
PAVEMENT LAYERS	FIELD DENSITY (AUSTRALIAN STANDARD)	ONE (1) PER 100 METRES OF ROAD, ALTERNATIVE SIDES; A MINIMUM OF 100% STANDARD COMPACTION IS REQUIRED TO BE ACHIEVED.
PAVEMENT MATERIAL	QUALITY	EX STOCKPILE PROVIDED BY MINE. NO TESTING REQUIRED BY CONTRACTOR
	PROOF ROLL WITH LOADED WATER CART OR EQUIV.	ENTIRE AREA. NO VISIBLE FLEXING TO BE OBSERVED

ALL TEST LOCATIONS TO BE RECORDED WITH GPS CO-ORDINATES

HORIZONTAL ALIGNMENT - CONTROL LINE (CL)

-CHARACTERISTICS-	-LENGTH-	-CHAINAGE-	-EASTING-	-NORTHING-
STRAIGHT	42°00'00"	218.461	0.000	774321.158 7488353.305
			218.461	774467.337 7488515.653
			266.415	774478.908 7488560.316
STRAIGHT	347°02'57"	838.999	1105.414	774290.877 7489377.973
ALIGNMENT LENGTH			1105.414	

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 DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 TYPE CROSS SECTION & DETAILS

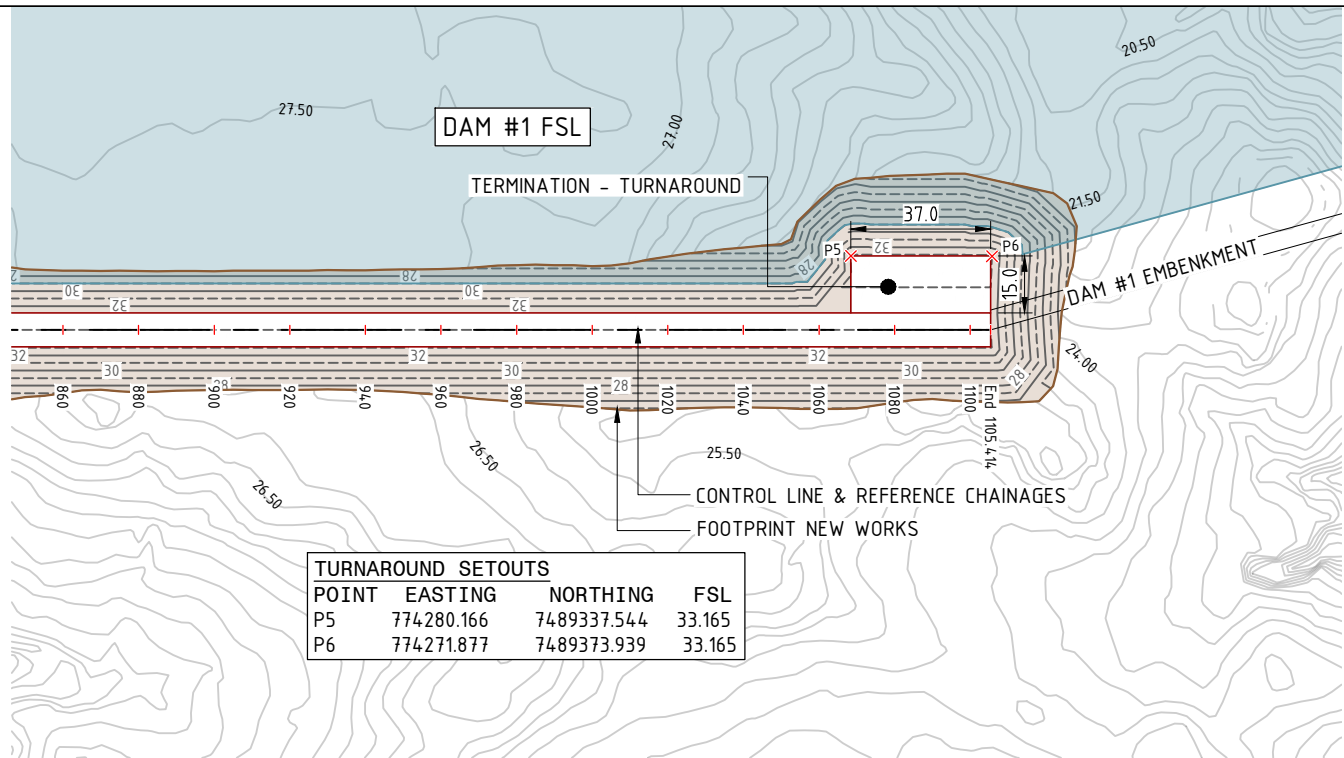
FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

SCALE NOT TO SCALE AT A3 SIZE

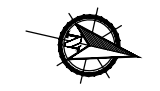
DRAWING NUMBER G1706-02-MIA-2 ISSUE SHEET NO. 4 3

PRINT IN COLOUR

03_g2001-01-mia2 (mia & road to dam 1 - road).dwg



DO NOT SCALE OFF DRAWING
DIMENSIONS METERS UNO



SURVEY DATUM MGA55
CONTOURS 1.0m FINISHED SURFACE
WITHIN NEW WORKS 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@tpg.com.au
BRISBANE, GLADSTONE

RPEQ 4321
AUTHORISED FOR ISSUE DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
CENTRAL QUEENSLAND COAL PROJECT
CIVIL WORKS
CHPP/MIA HARDSTAND FACILITY
ACCESS RD TO DAM #1 PLAN &
LONGITUDINAL SECTION 3 OF 3

FILE NO
G2001-01-MIA2.DWG
JOB NO
G2001/01

SCALE
1:2000 HORIZ. 4:0 AT
1:500 VERT. 10
A3 SIZE

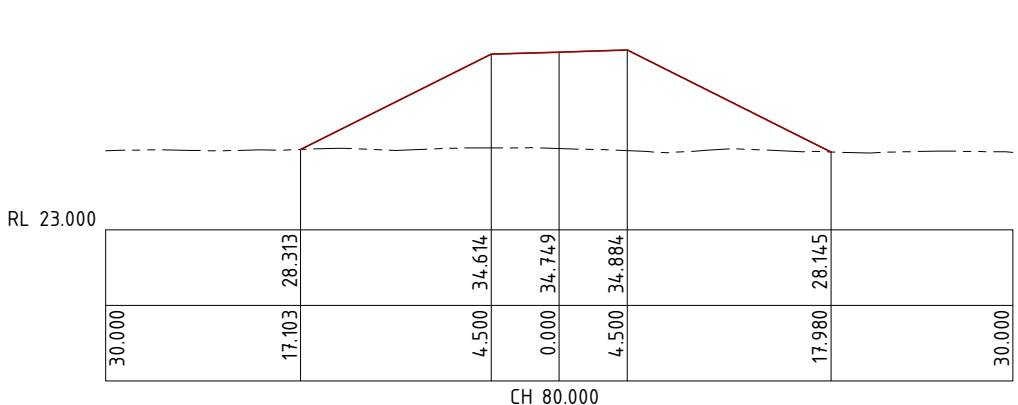
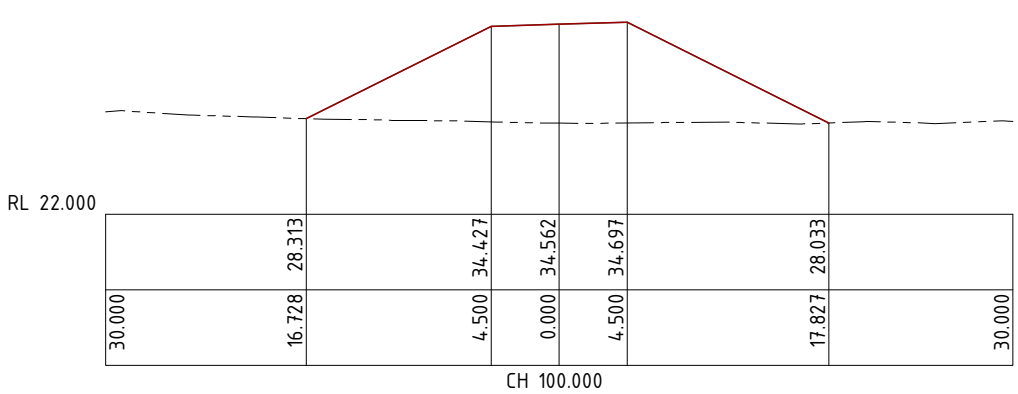
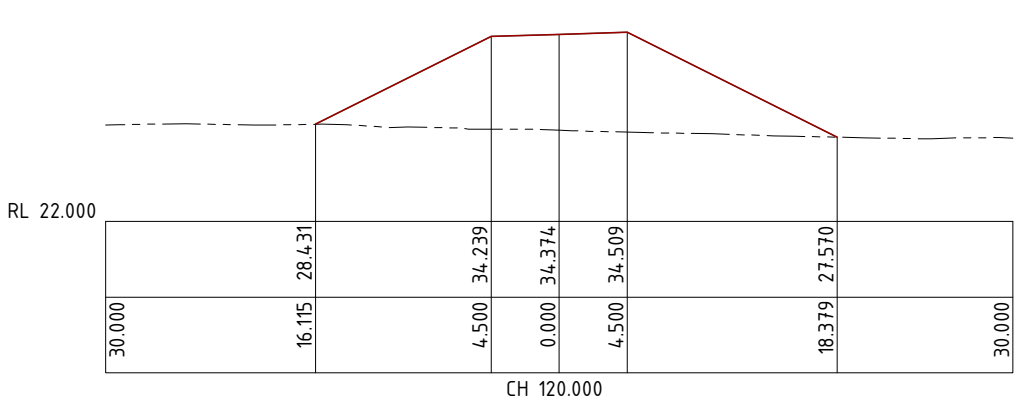
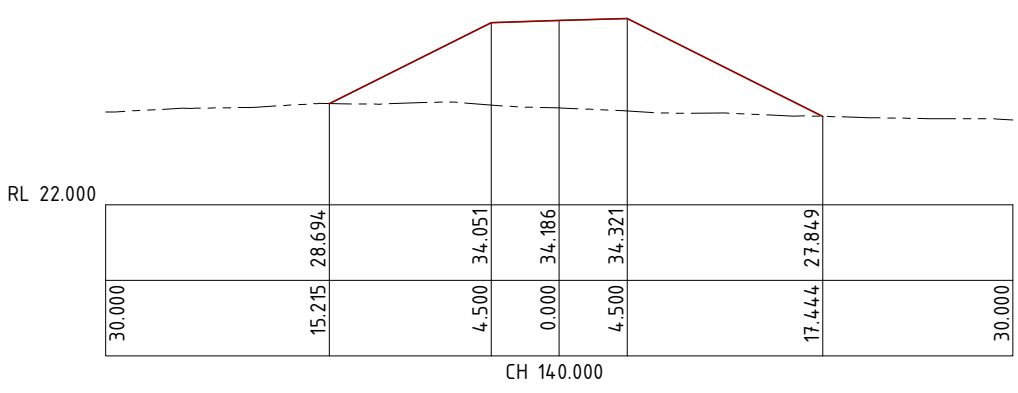
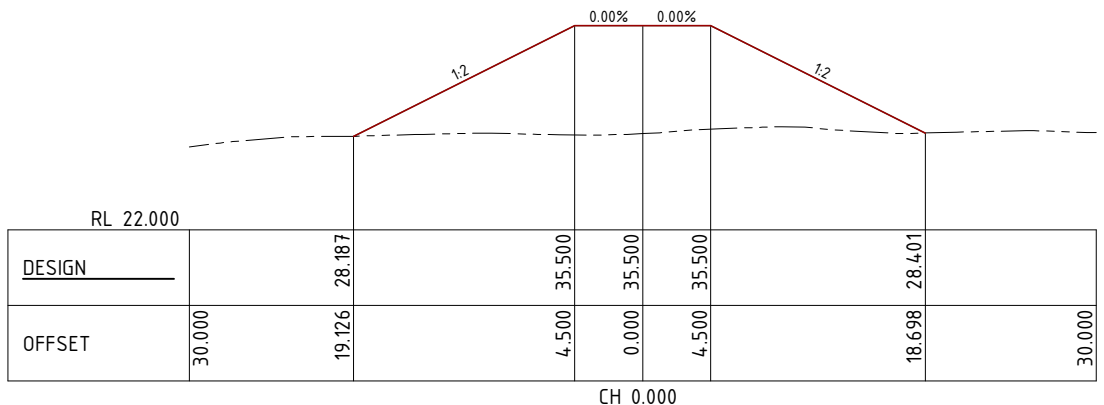
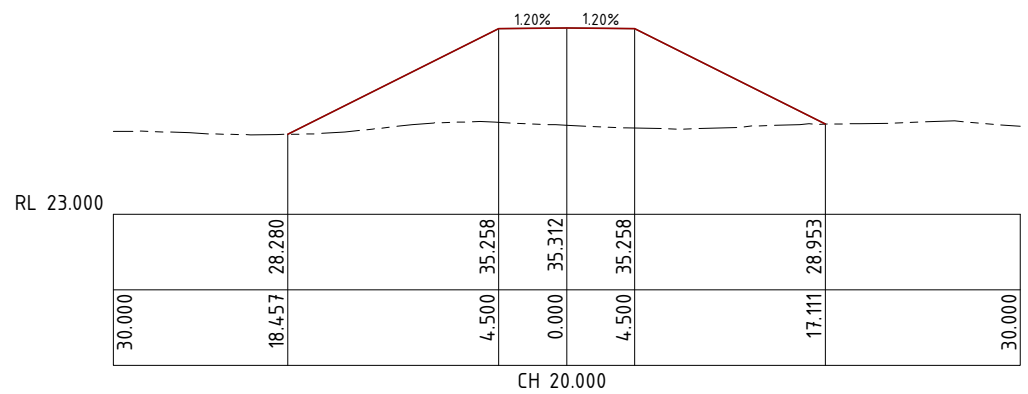
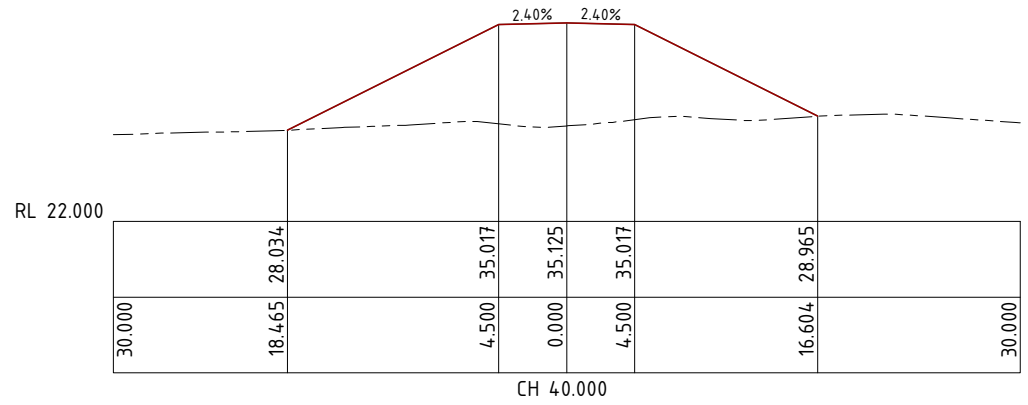
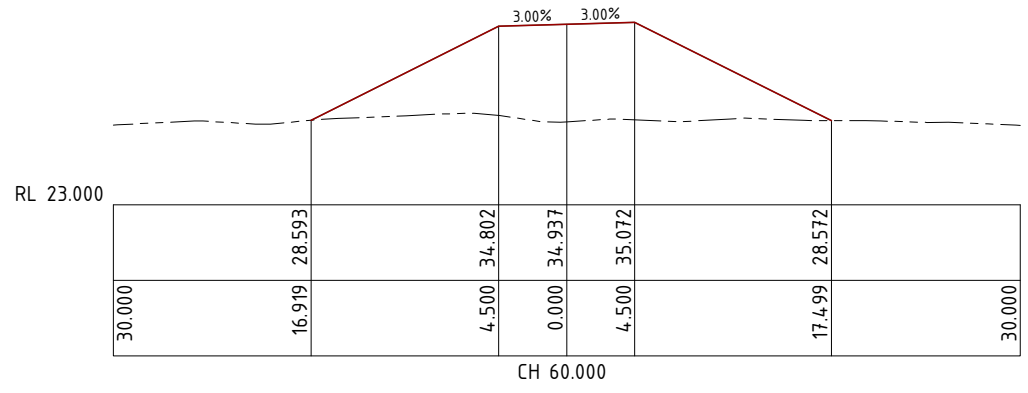
DRAWING NUMBER
G1706-02-MIA-5
ISSUE SHEET NO.
4 6

DEPTH	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
CENTRE FSL	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000	33.000
CENTRE NSL	27.340	27.484	27.409	27.346	26.893	26.133	25.950	24.829	24.042	24.033	25.458	25.340
LHS SHLD	32.865	32.865	32.865	32.865	32.865	32.865	32.865	32.865	32.865	32.865	32.865	32.865
RHS SHLD	33.135	33.135	33.135	33.135	33.135	33.135	33.135	33.135	33.135	33.135	33.135	33.135
CHAINAGE	880.000	900.000	920.000	940.000	960.000	980.000	1000.000	1020.000	1040.000	1060.000	1080.000	1100.000
Super Elevation							3.0					
							-3.0					

Scale Horizontal 1:2000 Vertical 1:500

CHAINAGE	OFFSET	EASTING	NORTHING	CODE
880.000	-15.577	774326.215	7489154.802	LBAT
880.000	0.000	774341.396	7489158.293	CL
880.000	16.487	774357.463	7489161.988	RBAT
900.000	-15.483	774321.824	7489174.314	LBAT
900.000	0.000	774336.913	7489177.784	CL
900.000	15.915	774352.424	7489181.351	RBAT
920.000	-15.603	774317.225	7489193.779	LBAT
920.000	0.000	774332.431	7489197.275	CL
920.000	15.946	774347.971	7489200.849	RBAT
940.000	-15.704	774312.645	7489213.247	LBAT
940.000	0.000	774327.949	7489216.767	CL
940.000	15.912	774343.457	7489220.333	RBAT
960.000	-16.028	774307.846	7489232.666	LBAT
960.000	0.000	774323.467	7489236.258	CL
960.000	17.201	774340.230	7489240.113	RBAT
980.000	-17.068	774302.351	7489251.924	LBAT
980.000	0.000	774318.984	7489255.749	CL
980.000	19.074	774337.574	7489260.024	RBAT
1000.000	-16.857	774298.074	7489271.463	LBAT
1000.000	0.000	774314.502	7489275.241	CL
1000.000	20.540	774334.520	7489279.844	RBAT
1020.000	-19.377	774291.135	7489290.389	LBAT
1020.000	0.000	774310.020	7489294.732	CL
1020.000	20.994	774330.480	7489299.437	RBAT
1040.000	-21.741	774284.349	7489309.351	LBAT
1040.000	0.000	774305.538	7489314.223	CL
1040.000	20.464	774325.481	7489318.809	RBAT
1060.000	-23.735	774277.924	7489328.395	LBAT
1060.000	0.000	774301.055	7489333.714	CL
1060.000	20.960	774321.482	7489338.412	RBAT
1080.000	-22.827	774274.327	7489348.090	LBAT
1080.000	0.000	774296.573	7489353.206	CL
1080.000	19.192	774315.277	7489357.507	RBAT
1100.000	-24.798	774267.924	7489367.139	LBAT
1100.000	0.000	774292.091	7489372.697	CL
1100.000	18.973	774310.581	7489376.949	RBAT
1105.414	-25.610	774265.919	7489372.234	LBAT
1105.414	0.000	774290.877	7489377.973	CL
1105.414	19.053	774309.446	7489382.243	RBAT

PRINT IN COLOUR



LEGEND
 — ROAD FINISHED SURFACE
 - - - 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

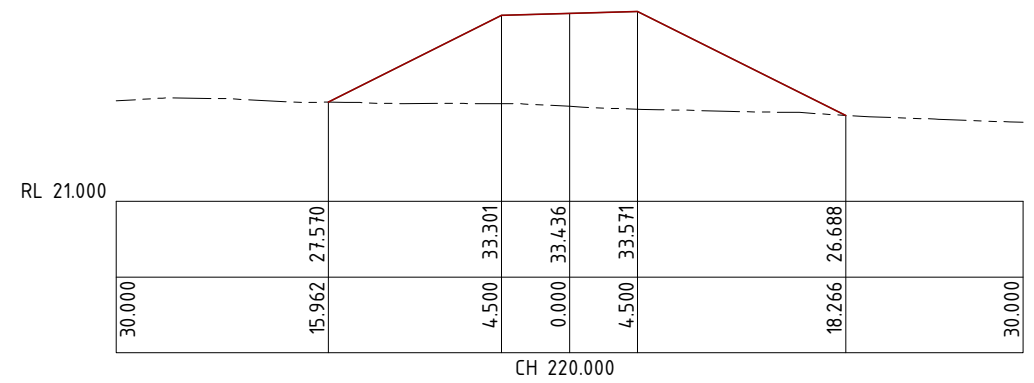
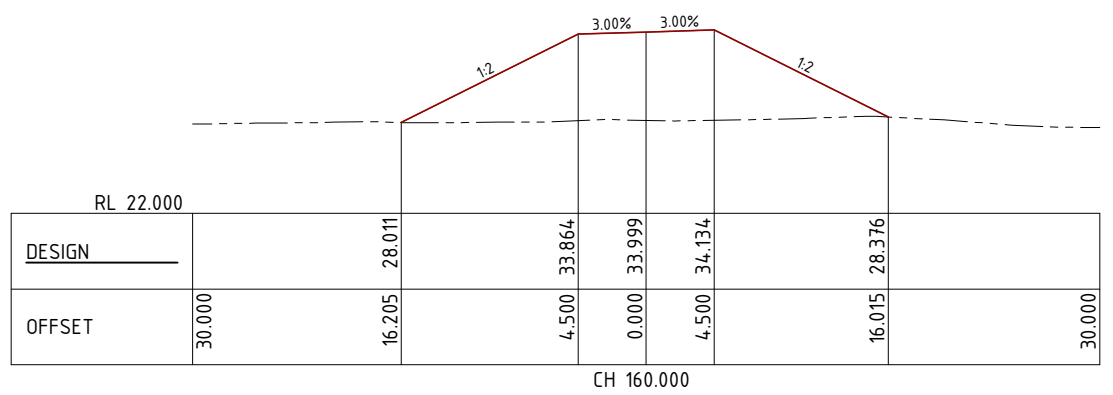
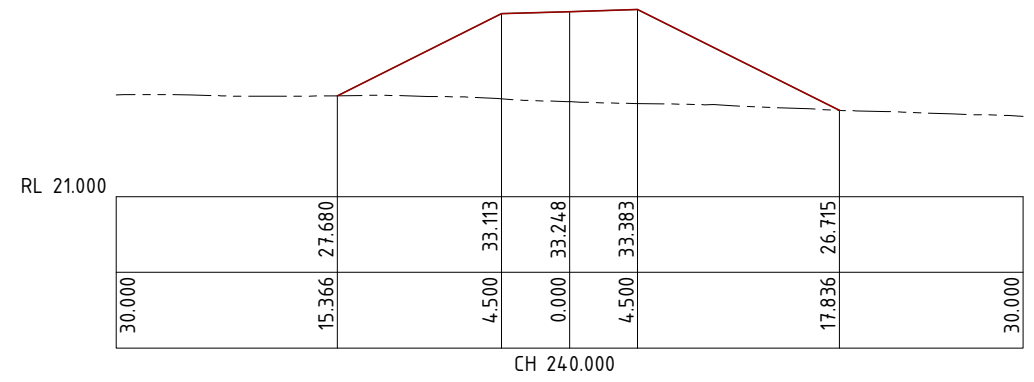
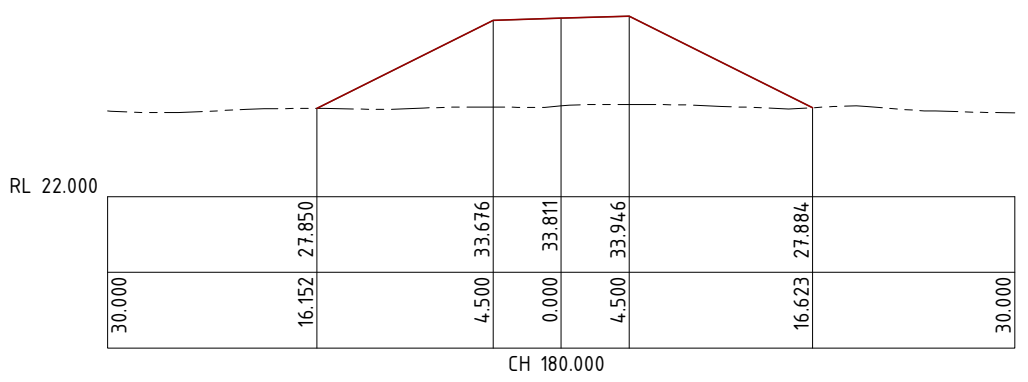
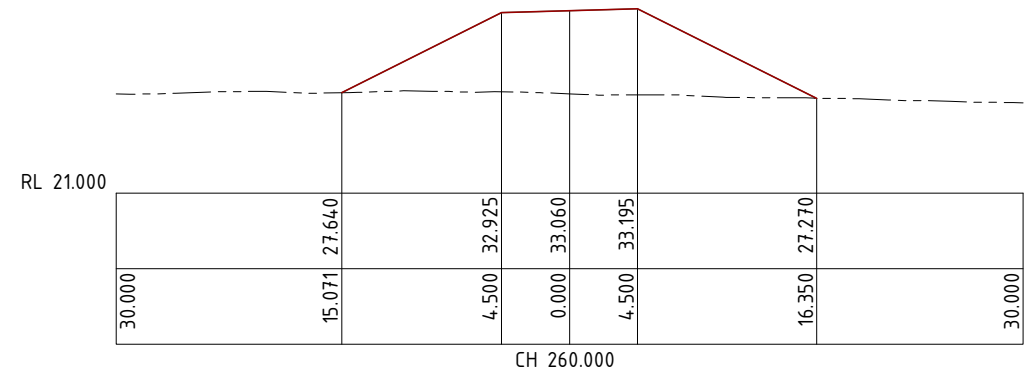
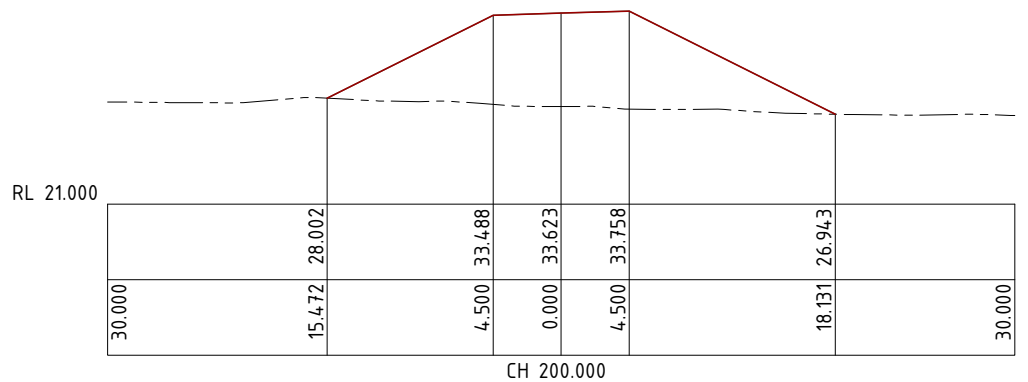
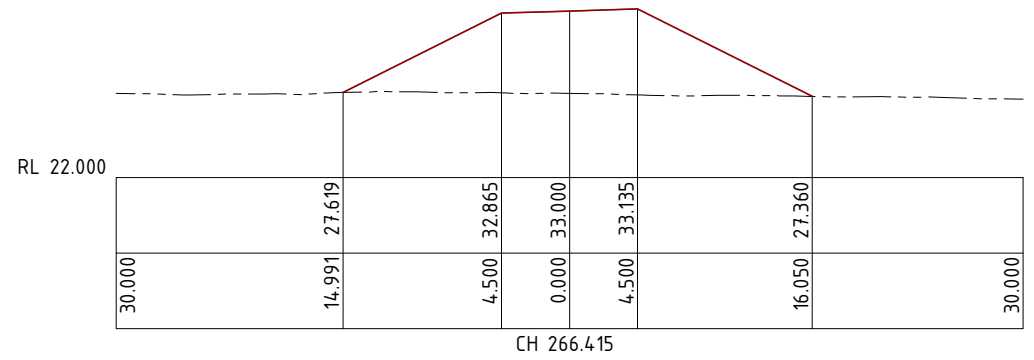
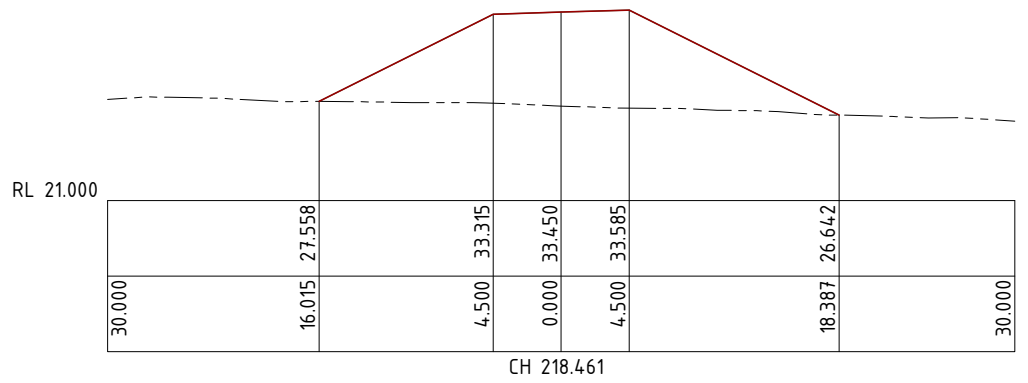
RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 1 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA-6 ISSUE SHEET NO. 4 7



LEGEND
 — ROAD FINISHED SURFACE
 - - - 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

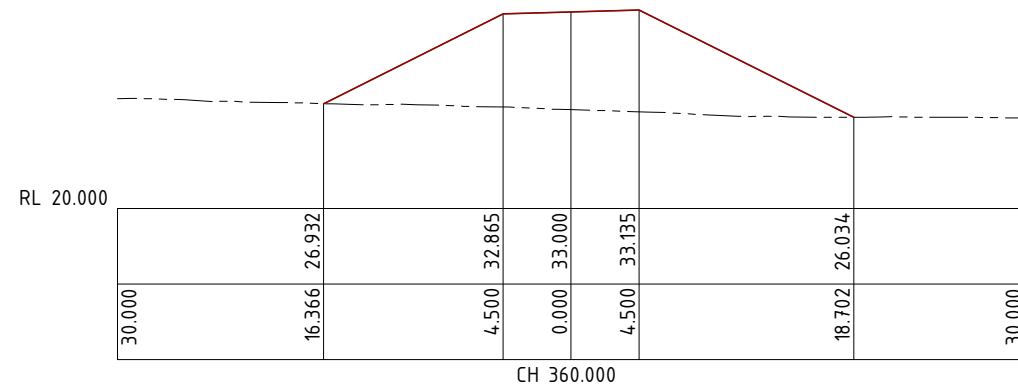
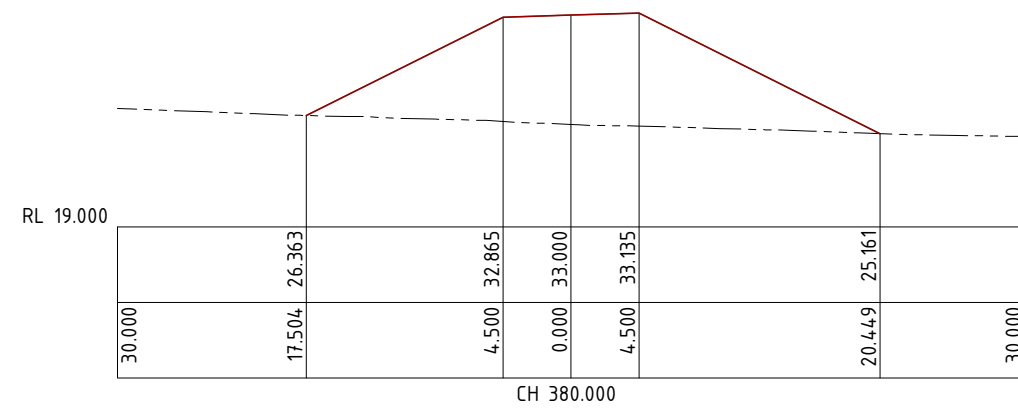
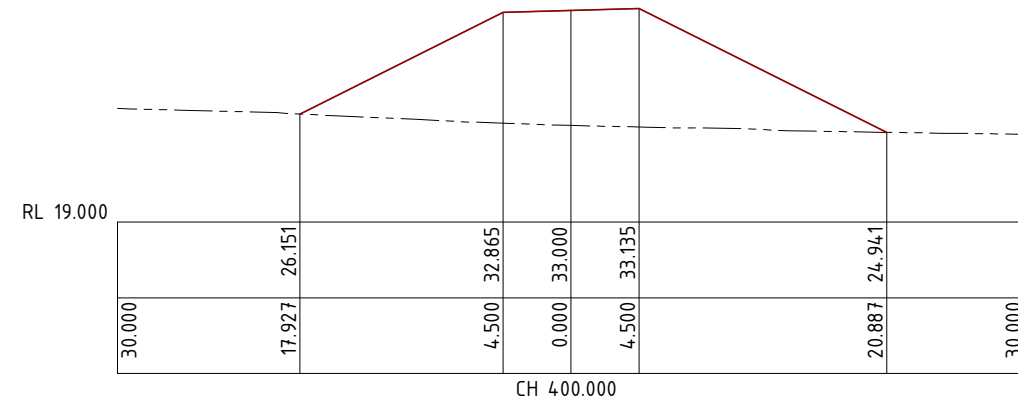
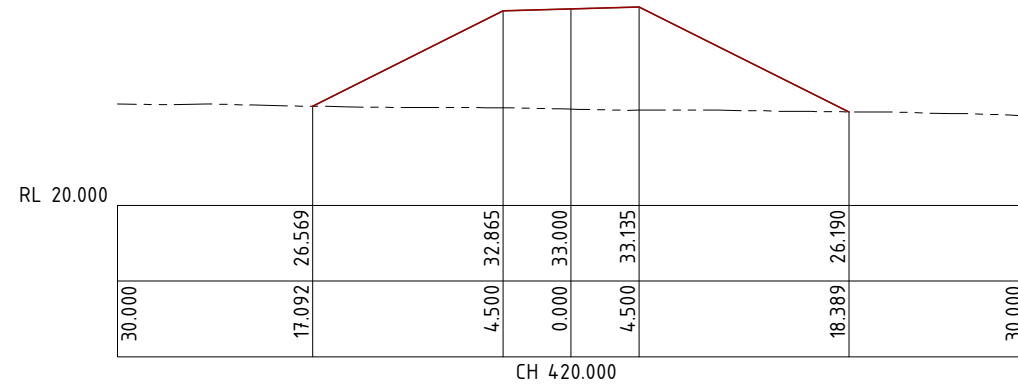
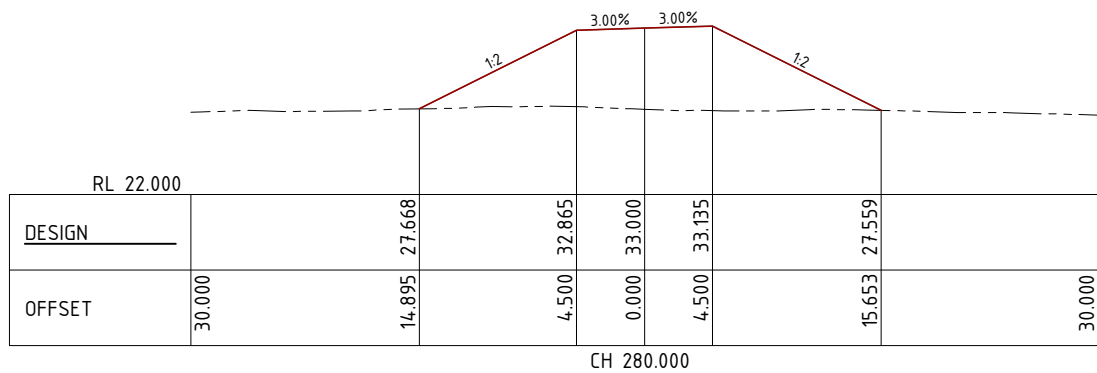
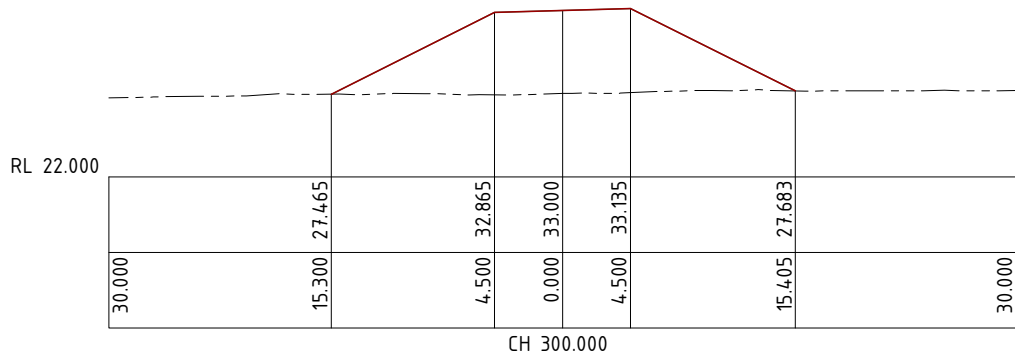
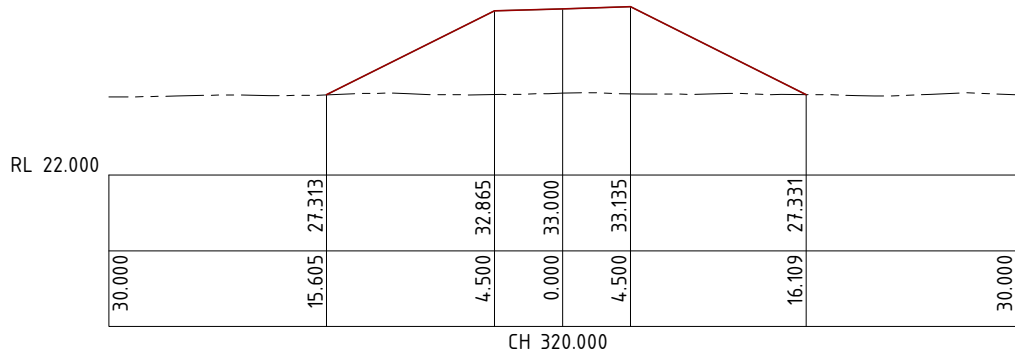
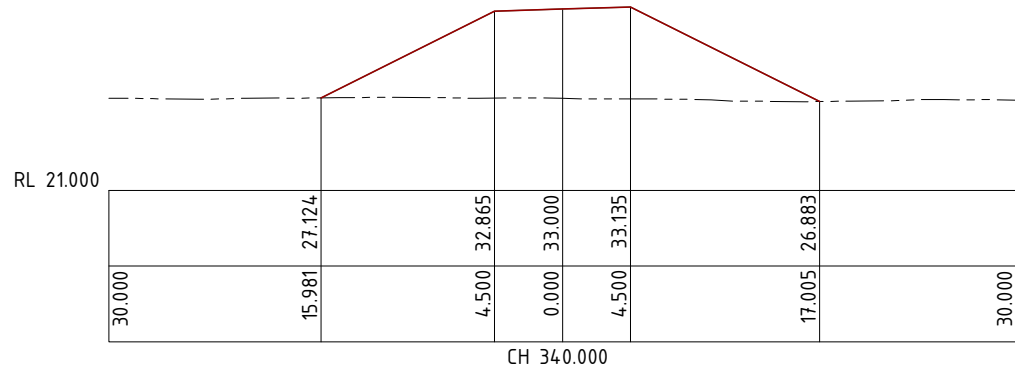
RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 2 OF 8

FILE NO
 G2001-01-MIA2.DWG
 JOB NO
 G2001/01

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

DRAWING NUMBER ISSUE SHEET NO.
 G1706-02-MIA-7 4 8



LEGEND
 — ROAD FINISHED SURFACE
 - - - 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 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 3 OF 8

FILE NO
 G2001-01-MIA2.DWG
 JOB NO
 G2001/01
 SCALE 0 1:500 HORZ. 10 AT A3 SIZE
 0 1:500 VERT 10

DRAWING NUMBER
 G1706-02-MIA-8
 ISSUE SHEET NO.
 4 9

LEGEND
 ——— ROAD FINISHED SURFACE
 - - - - - 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

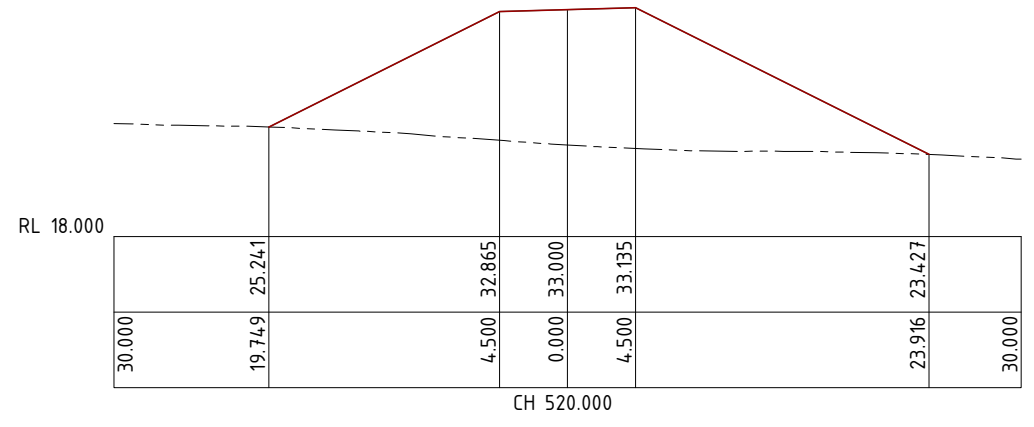
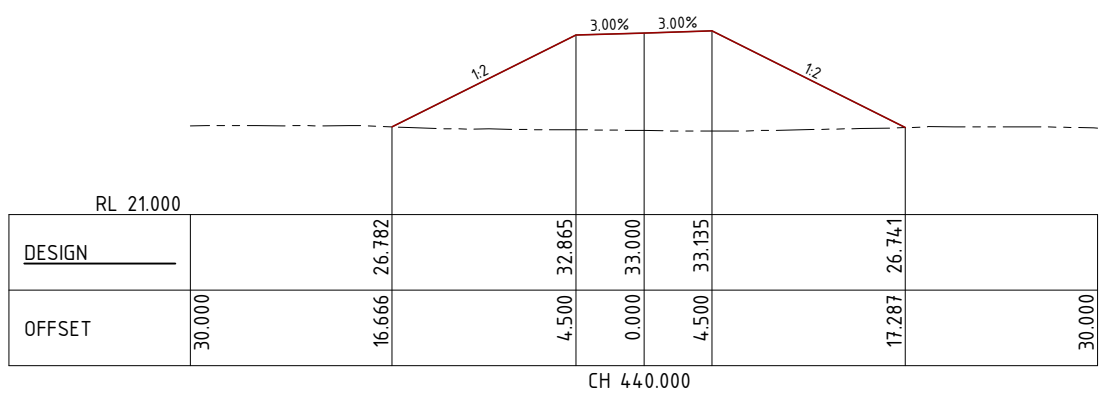
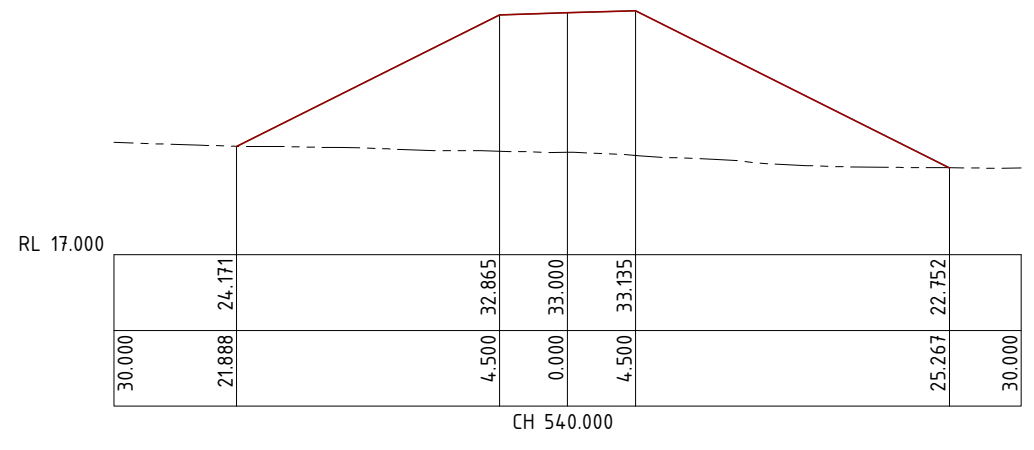
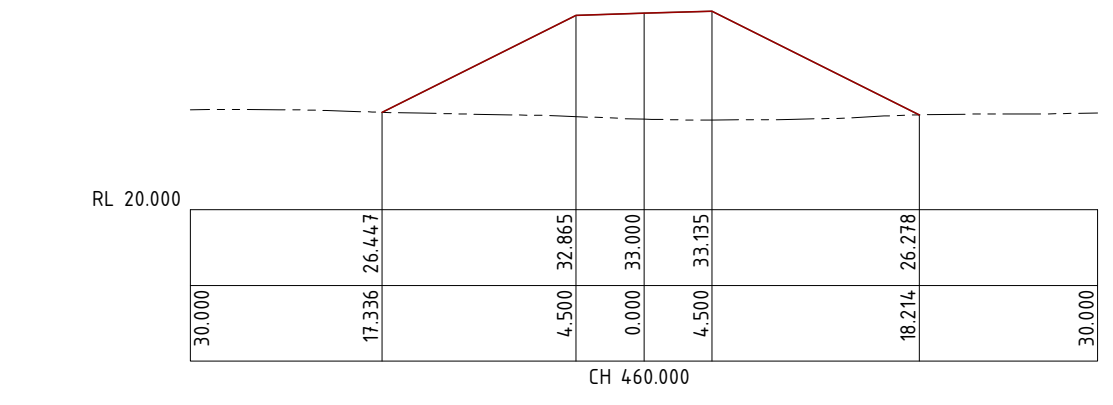
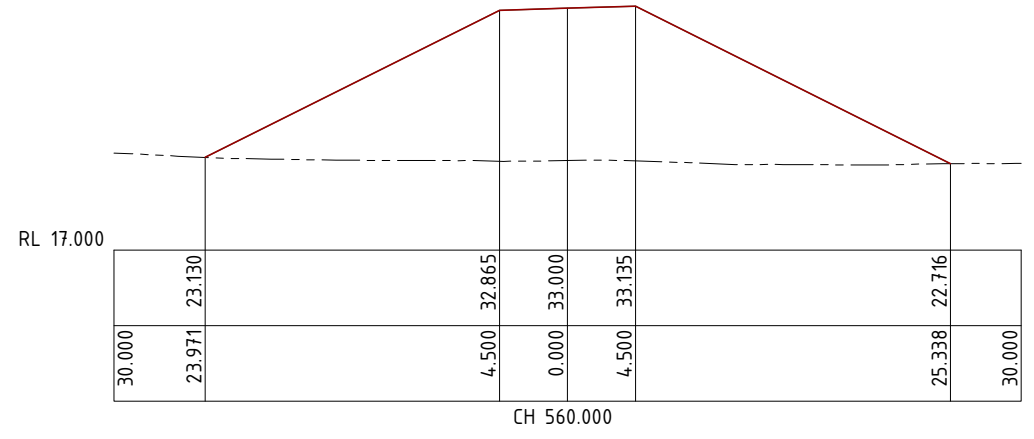
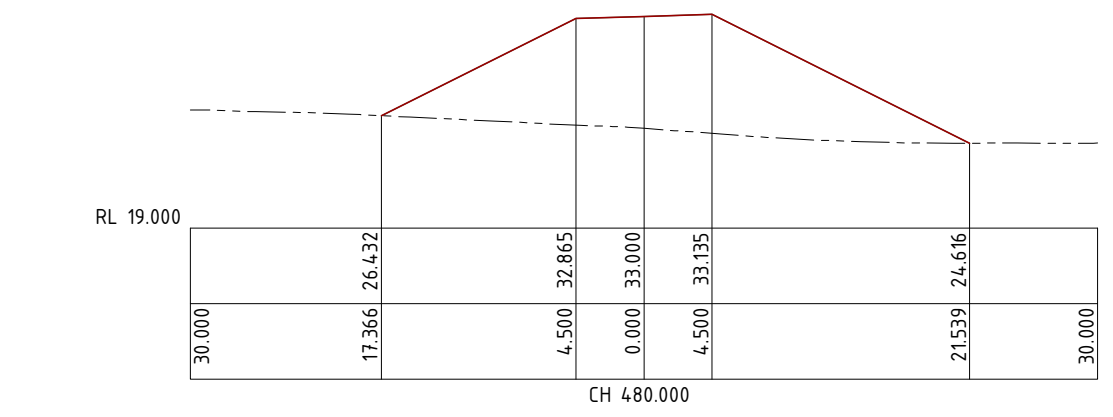
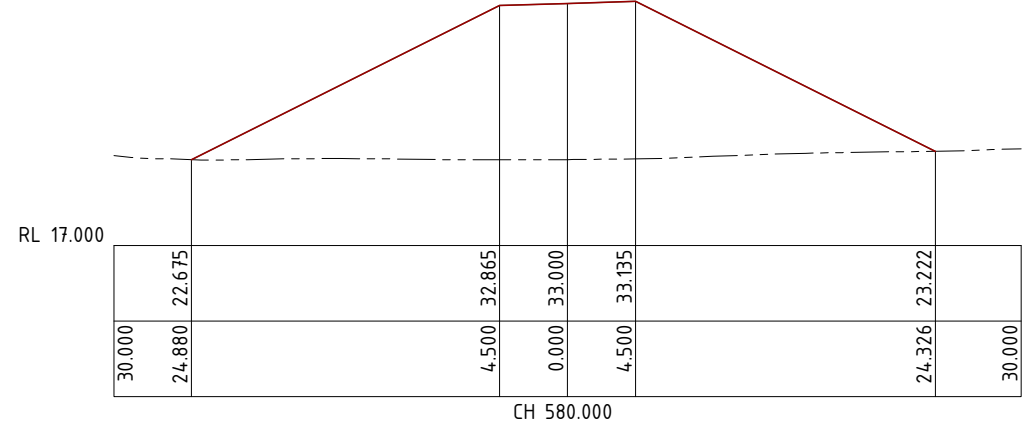
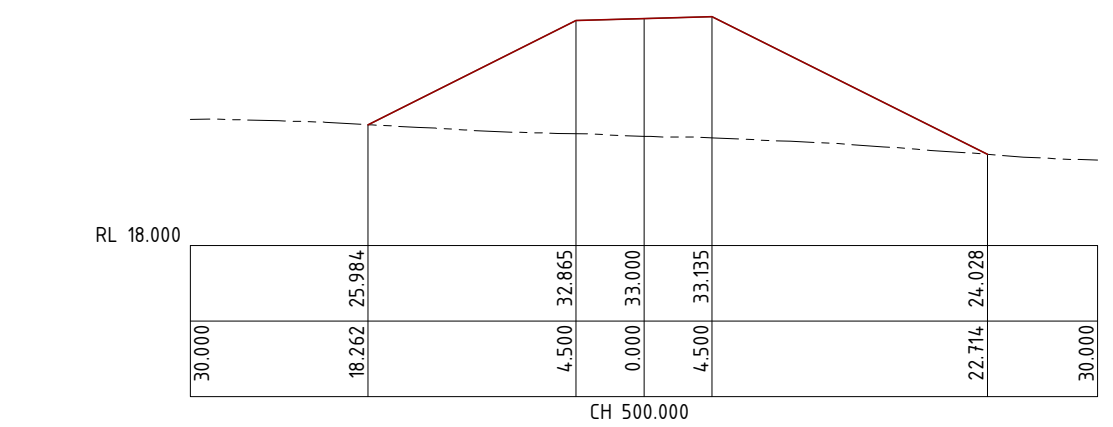
RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 1/07/2020

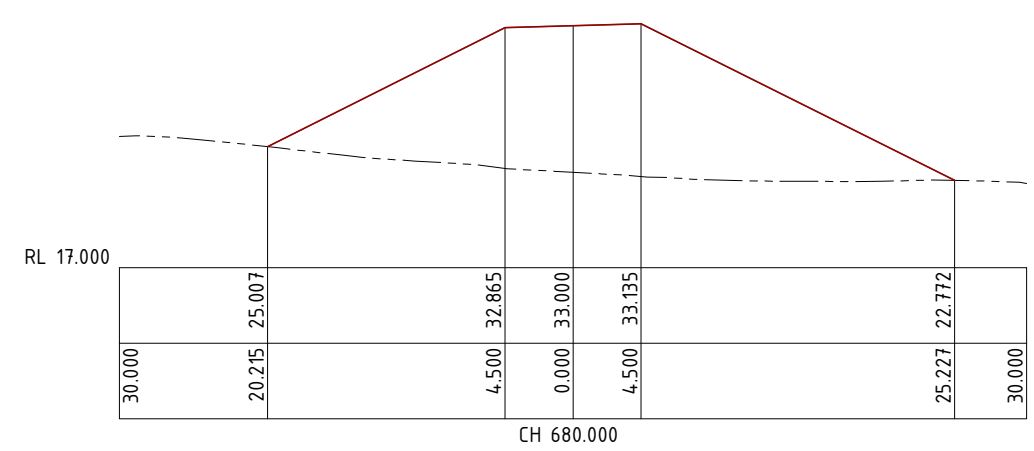
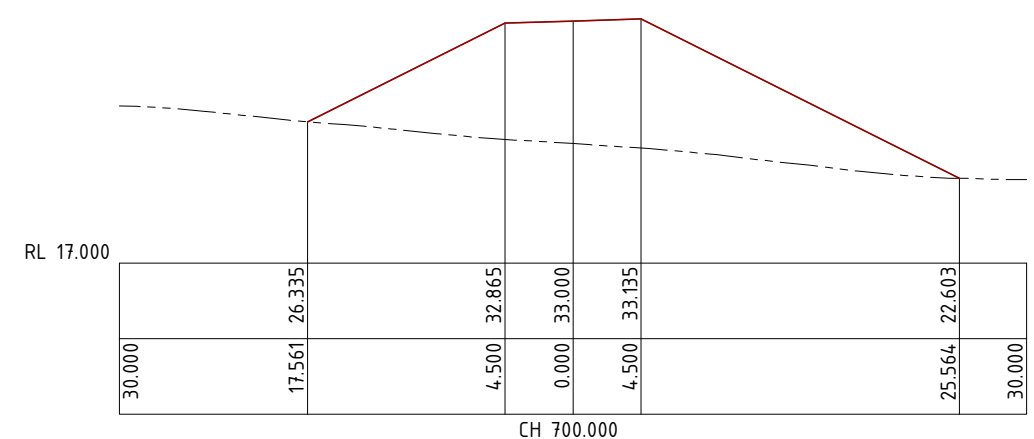
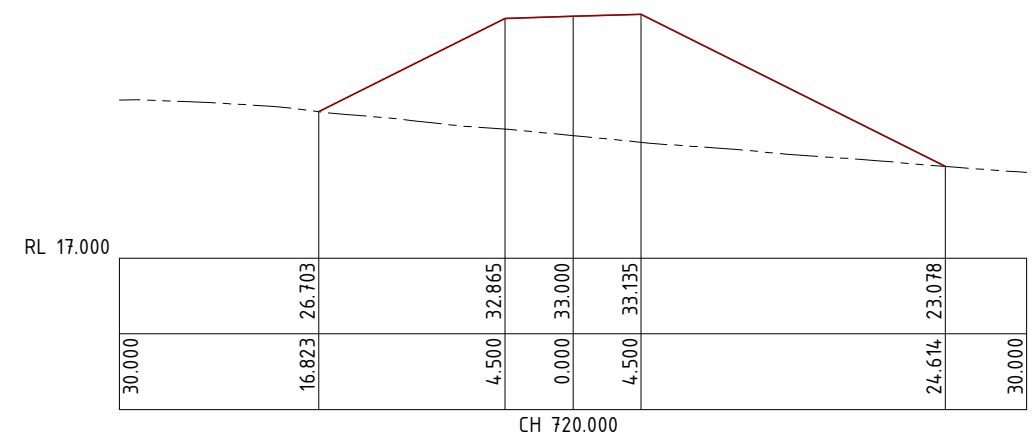
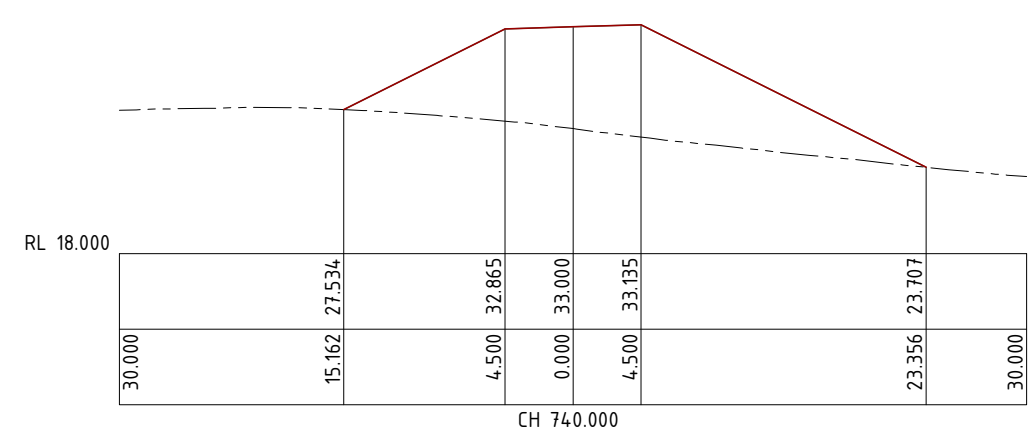
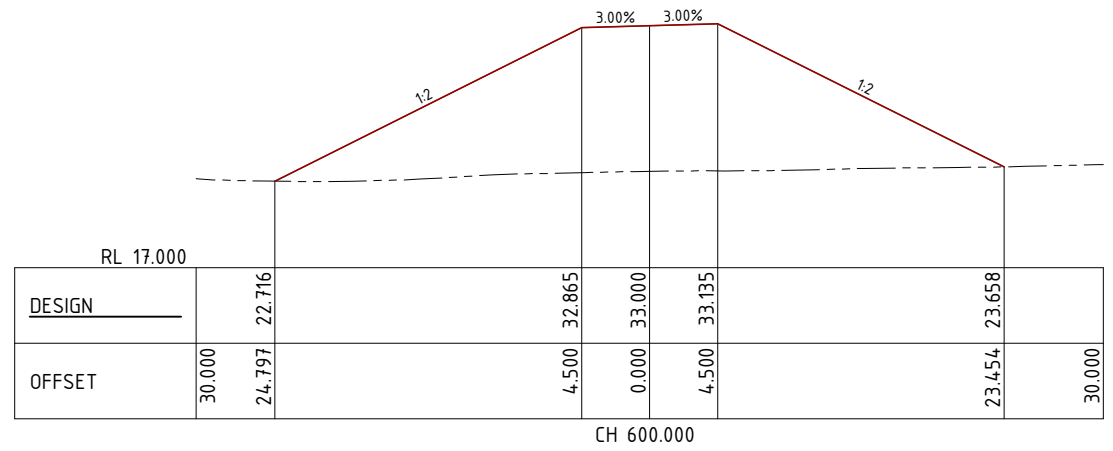
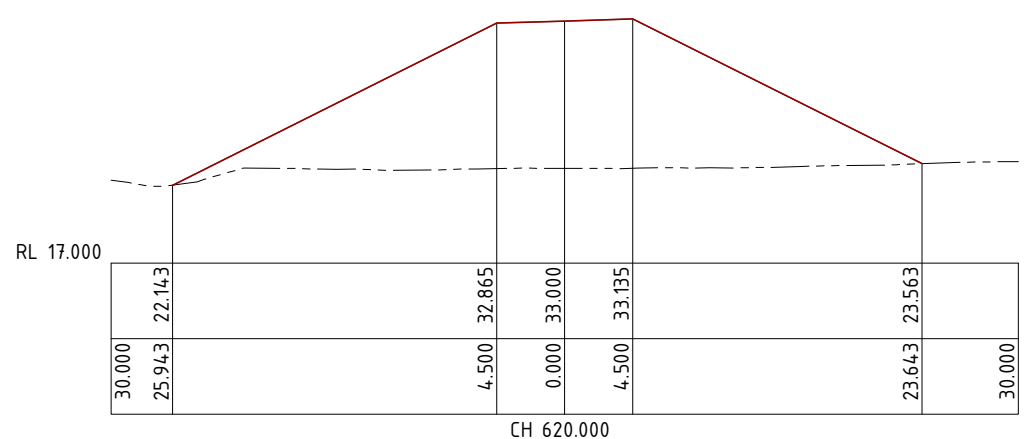
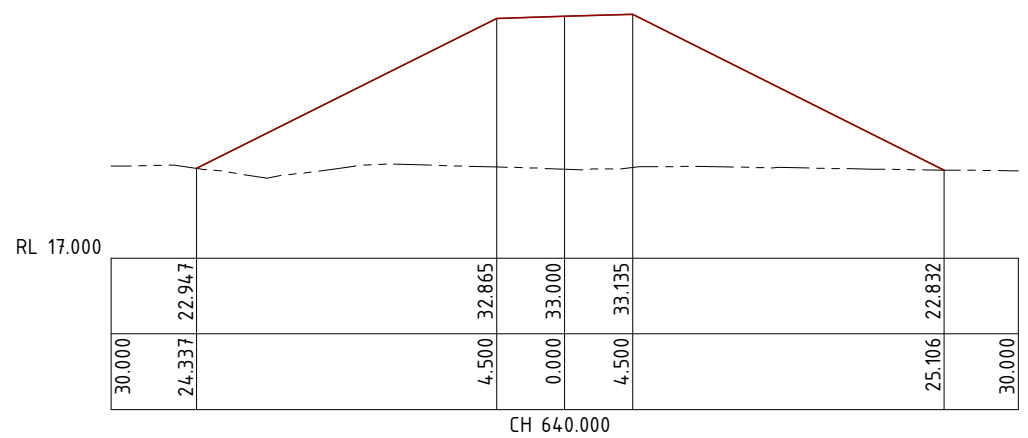
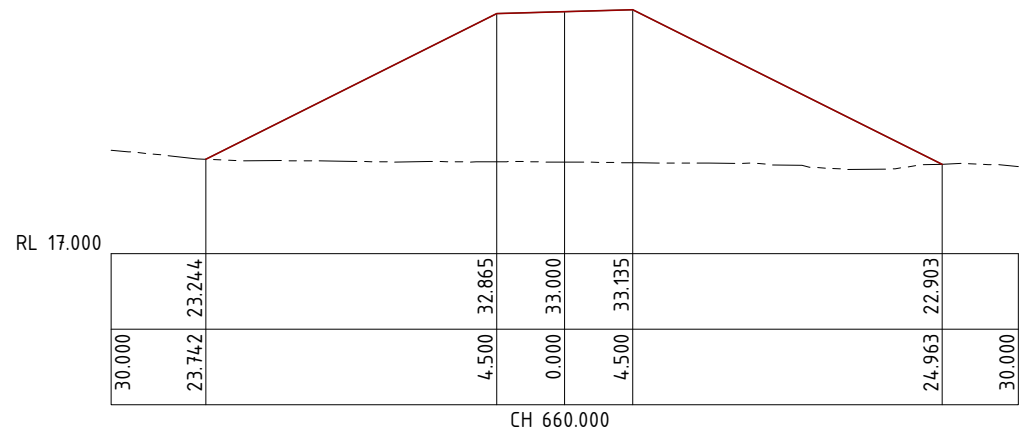
CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 4 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA-9 ISSUE SHEET NO. 4 10





LEGEND
 — ROAD FINISHED SURFACE
 - - - 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

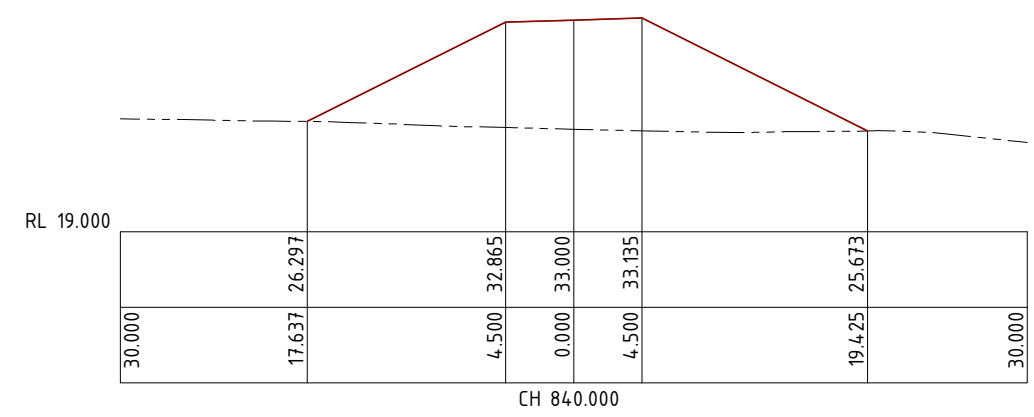
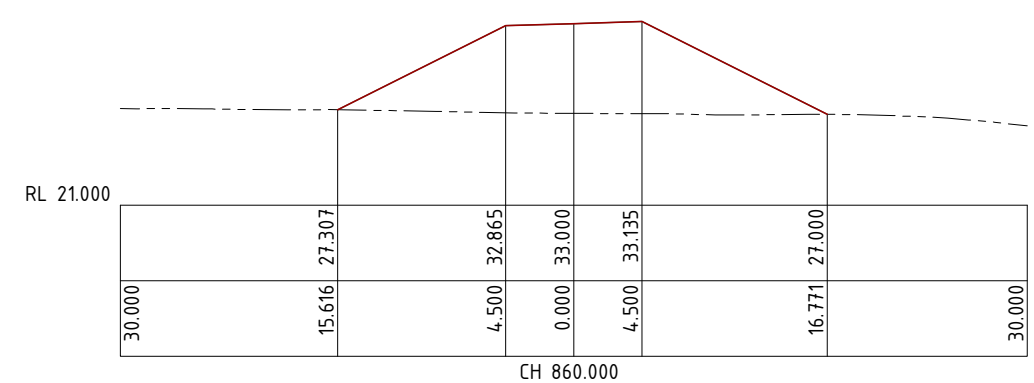
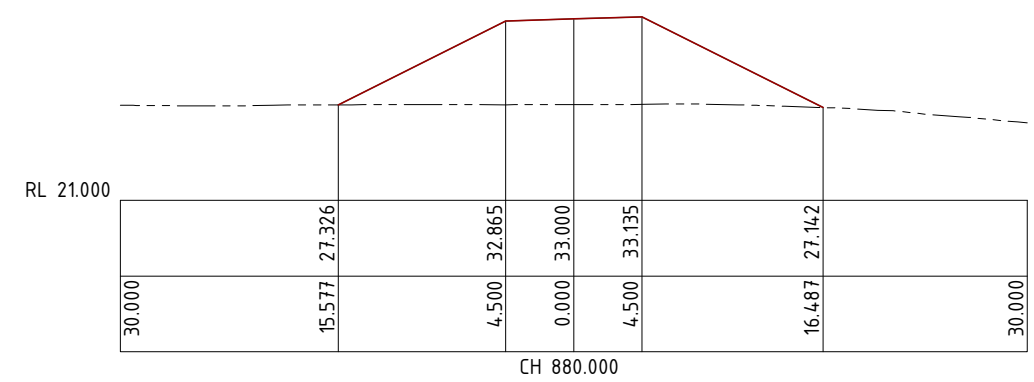
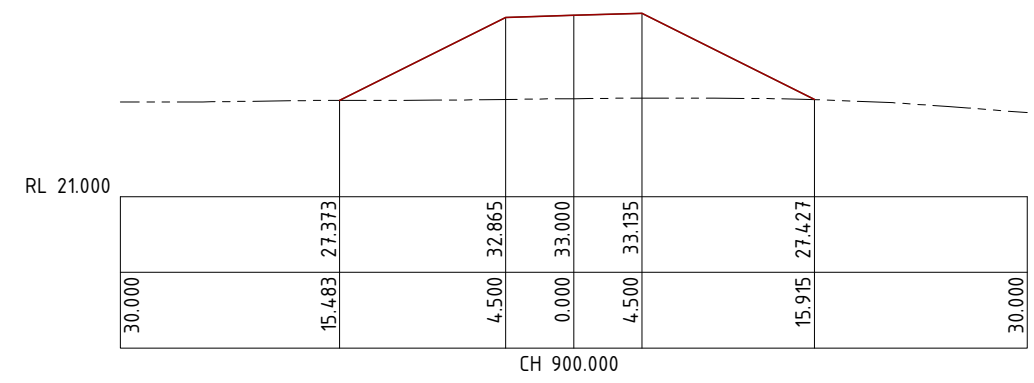
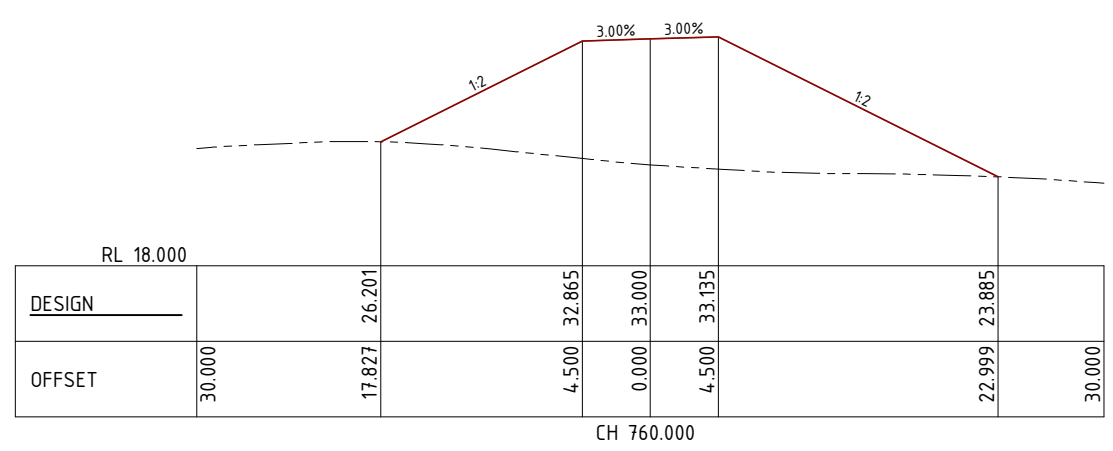
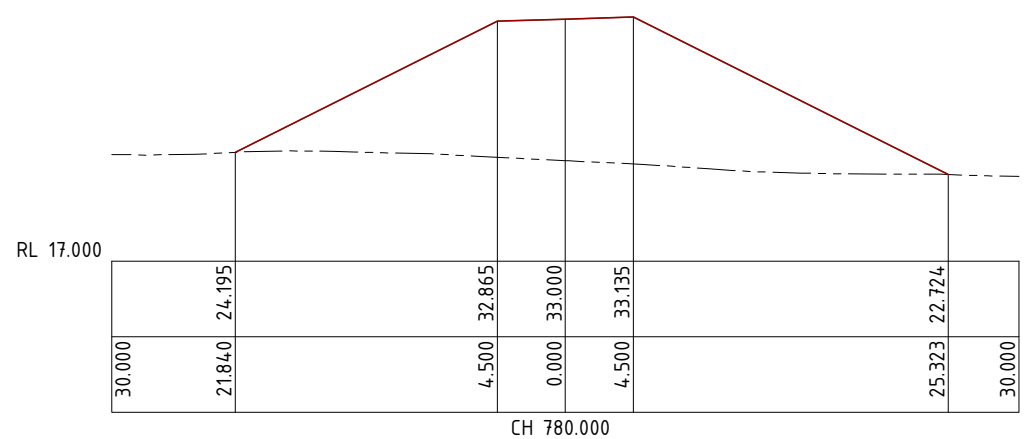
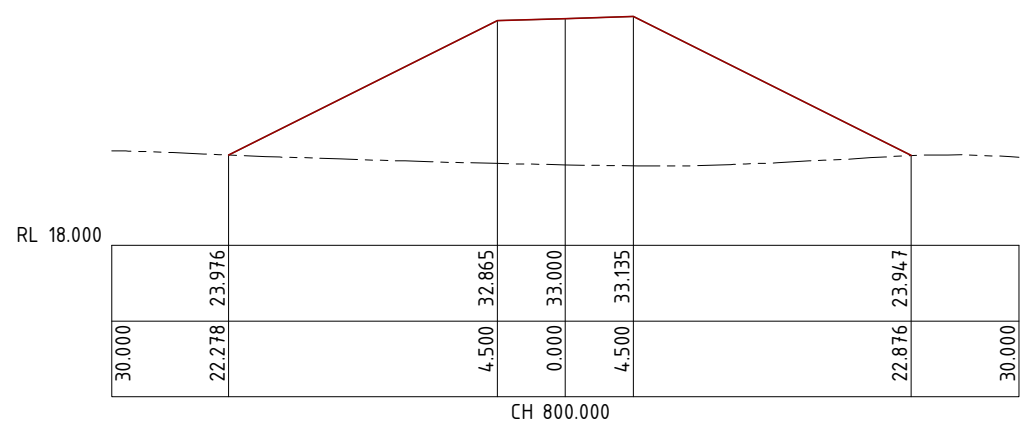
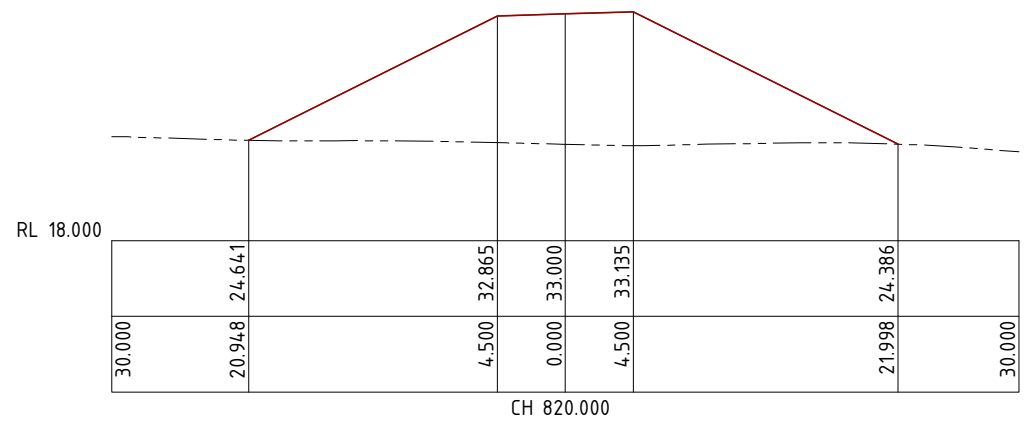
RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 5 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA10 ISSUE SHEET NO 4 11



LEGEND
 — ROAD FINISHED SURFACE
 - - - 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 DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 6 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA11 ISSUE SHEET NO. 4 12

LEGEND
 — ROAD FINISHED SURFACE
 - - - - 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

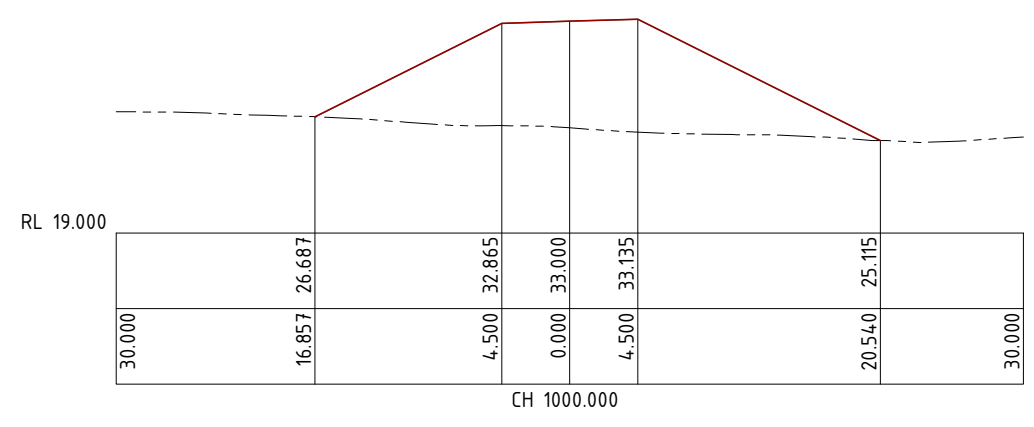
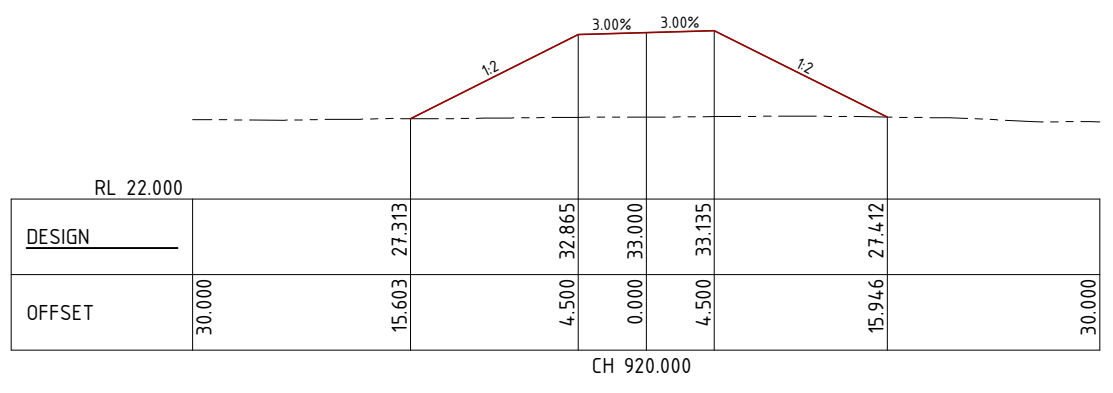
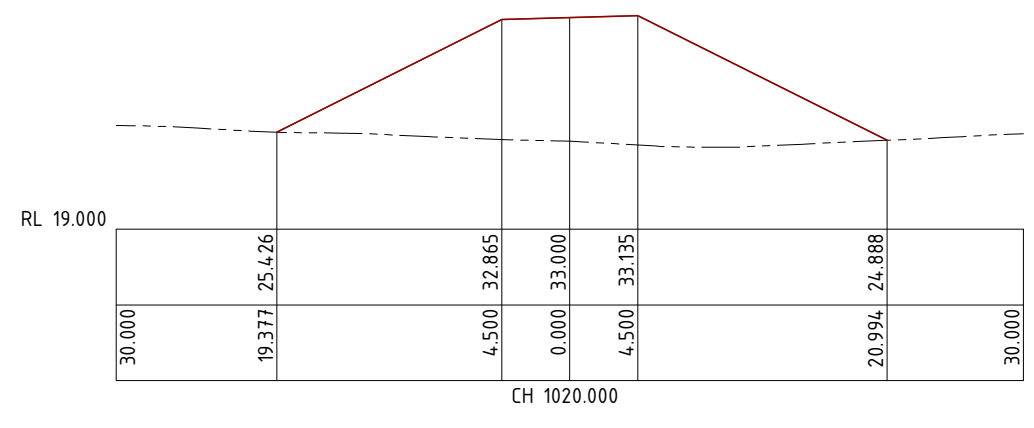
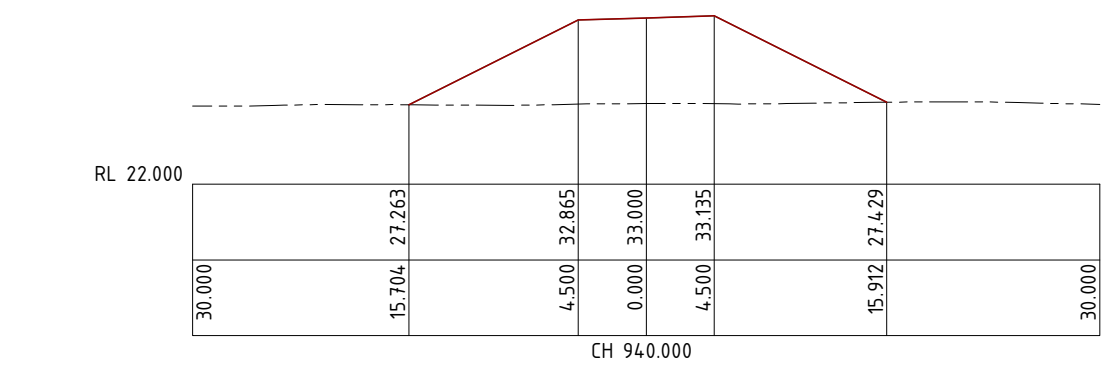
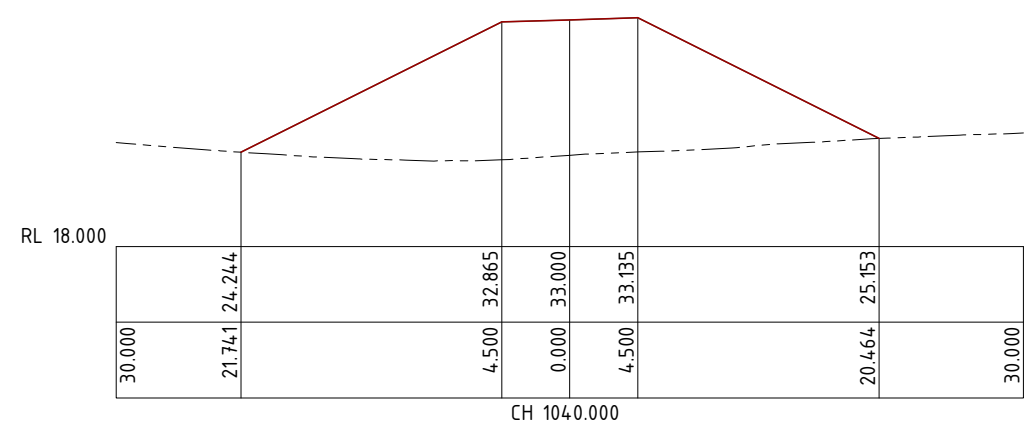
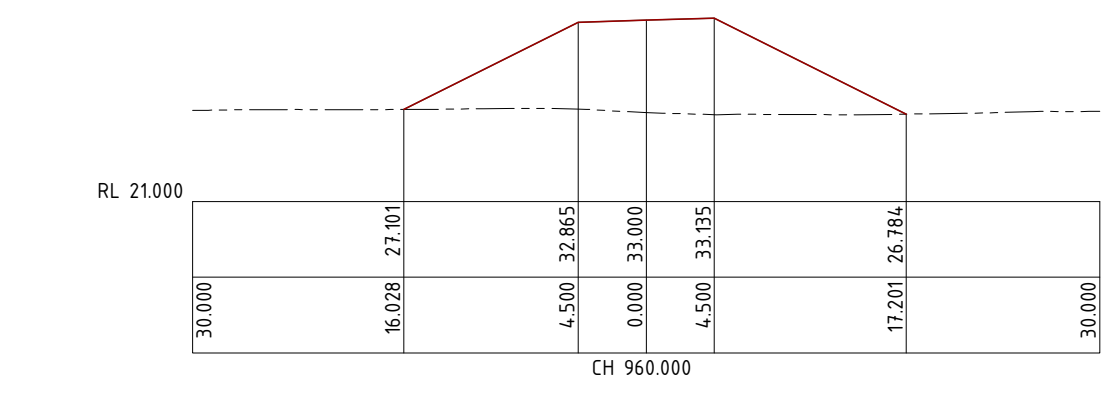
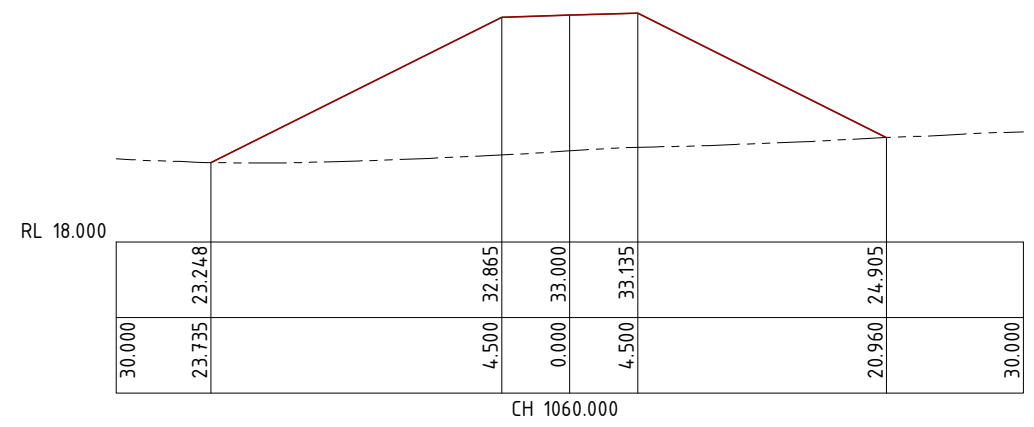
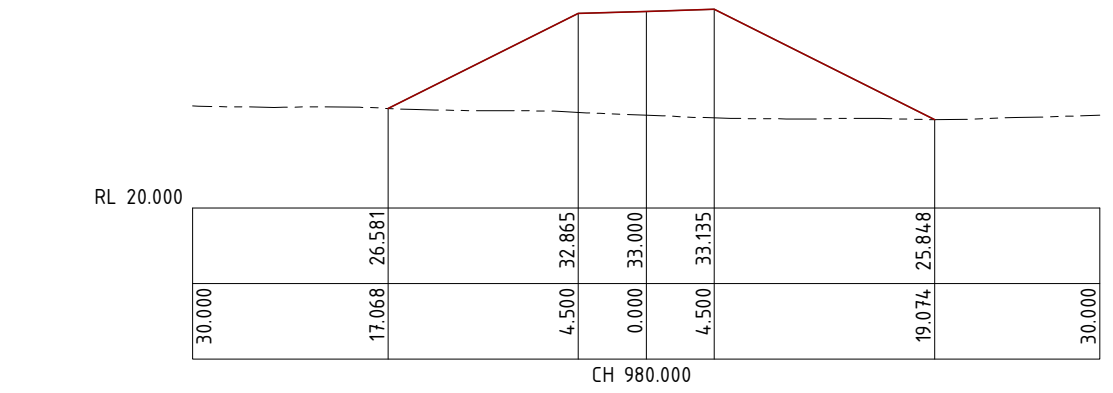
RPEQ 4321
 AUTHORIZED FOR ISSUE [Signature] DATE 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 7 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA12 ISSUE SHEET NO. 4 13



LEGEND
 — ROAD FINISHED SURFACE
 - - - - - 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 1/07/2020

CENTRAL QUEENSLAND COAL PTL
 CENTRAL QUEENSLAND COAL PROJECT
 CIVIL WORKS
 CHPP/MIA HARDSTAND FACILITY
 ACCESS RD TO DAM #1
 CROSS SECTIONS 8 OF 8

FILE NO G2001-01-MIA2.DWG
 JOB NO G2001/01

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

DRAWING NUMBER G1706-02-MIA13 ISSUE SHEET NO 4 14

PRINT IN COLOUR

