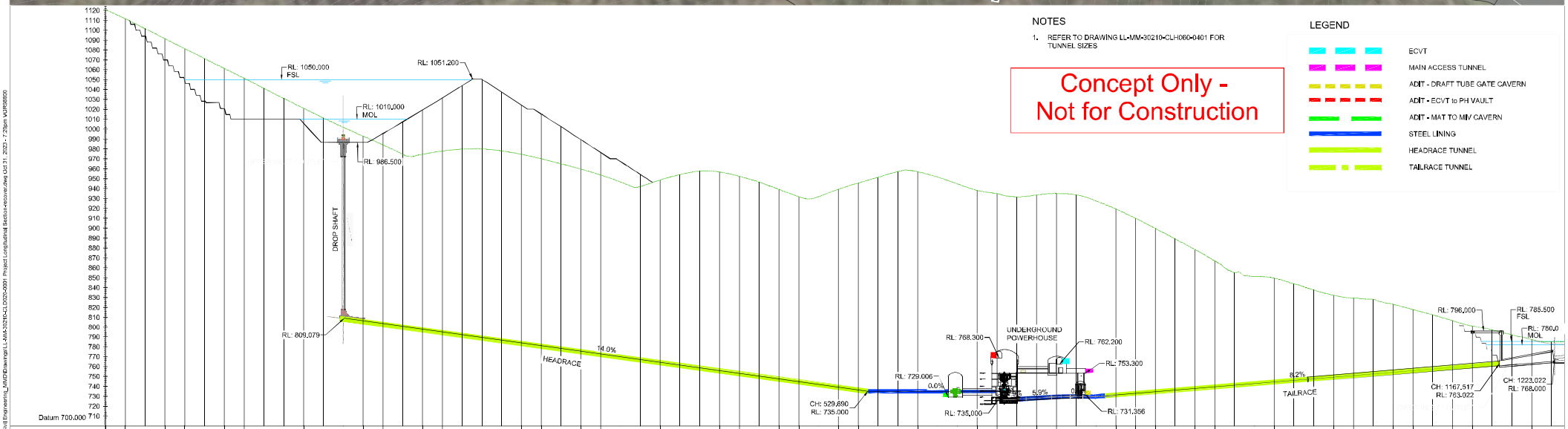

NOTES

1. REFER TO DRAWING LL-MM-30210-CLH060-0401 FOR TUNNEL SIZES

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LEGEND

- ECVT
- MAIN ACCESS TUNNEL
- ADIT - DRAFT TUBE GATE CAVERN
- ADIT - ECVT to PH VAULT
- ADIT - MAT TO MIV CAVERN
- STEEL LINING
- HEADRACE TUNNEL
- TAILRACE TUNNEL

CHAINAGE	DESIGN LEVEL	EXISTING LEVEL	LEVEL DIFFERENCE
-240.00		1120.65	
-220.00		1111.62	
-200.00		1101.50	
-180.00		1091.38	
-160.00		1081.42	
-140.00		1071.38	
-120.00		1061.23	
-100.00		1051.19	
-80.00		1041.08	
-60.00		1030.85	
-40.00		1020.96	
-20.00		1011.09	
0.00	989.00	1001.76	-12.76
20.00	806.36	992.74	-186.38
40.00	803.56	984.04	-180.48
60.00	800.76	974.49	-173.73
80.00	797.96	974.58	-176.62
100.00	795.16	977.78	-182.62
120.00	792.36	979.83	-187.47
140.00	789.56	979.89	-190.33
160.00	786.76	977.92	-191.16
180.00	783.96	974.51	-190.56
200.00	781.16	970.04	-188.89
220.00	778.36	964.92	-186.57
240.00	775.56	959.63	-184.08
260.00	772.76	953.64	-180.88
280.00	769.96	946.59	-176.63
300.00	767.16	941.93	-174.77
320.00	764.36	948.57	-184.21
340.00	761.56	954.04	-192.48
360.00	758.76	957.51	-198.75
380.00	755.96	956.67	-200.71
400.00	753.16	952.29	-199.14
420.00	750.36	946.48	-196.12
440.00	747.56	939.07	-191.52
460.00	744.76	931.68	-186.93
480.00	741.96	931.80	-189.84
500.00	739.16	939.17	-200.02
520.00	736.36	945.45	-209.10
540.00	735.00	951.30	-216.30
560.00	735.00	957.09	-222.09
580.00	735.00	956.87	-221.87
600.00	735.00	951.53	-216.53
620.00	735.00	944.72	-209.72
640.00	735.00	938.01	-203.01
660.00	735.00	935.01	-200.01
680.00	727.01	931.61	-204.61
700.00	728.16	933.59	-205.43
720.00	729.35	935.04	-205.69
740.00	729.63	933.49	-203.85
760.00	729.62	927.43	-197.81
780.00	731.26	919.40	-188.14
800.00	732.89	910.06	-177.17
820.00	734.53	899.76	-165.23
840.00	736.17	889.22	-153.05
860.00	737.81	878.48	-140.67
880.00	739.45	867.01	-127.56
900.00	741.09	854.98	-113.88
920.00	742.73	851.24	-108.51
940.00	744.37	849.61	-105.24
960.00	746.01	843.78	-97.76
980.00	747.65	837.53	-89.88
1000.00	749.29	832.20	-82.91
1020.00	750.93	829.24	-78.31
1040.00	752.57	828.03	-75.46
1060.00	754.21	823.33	-69.12
1080.00	755.85	817.79	-61.94
1100.00	757.49	812.32	-54.83
1120.00	759.13	806.65	-47.52
1140.00	760.77	801.11	-40.34
1160.00	762.41	796.94	-34.54
1180.00		792.05	
1200.00		787.16	
1220.00		784.91	

VERTICAL

G: -17998.3% L: 1.00 Slope L: 179.99

G: -14.0% L: 528.69 Slope L: 533.85

G: -0.0% L: 137.65 Slope L: 137.65

G: 5.9% L: 42.60 Slope L: 42.

G: -162.3% L: 5.15 Slope L: 9.82

G: -0.1% L: 34.91 Slope L: 34.91

G: 4.9% L: 9.99 Slope L: 10.00

G: 8.2% L: 407.52 Slope L: 408.88

NOTES

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REV. ID	DESCRIPTION	CHK	APPD	DATE
A0	ECI PHASE 1 - ISSUED FOR PREFERED CONCEPT DESIGN	EG	NM	30-10-2023

Design
Drawn
Dsg Verifier
Dwg Check
Approved for release

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CONSULTANTS PROJECT NO.
MOTT MACDONALD : 426273

CONSULTANT
Mott MacDonald Australia
Mezzanine Level
22 King William Street
Adelaide, SA 5000
MOTT MACDONALD

ECI CONTRACTOR
McCONNELL DOWELL
acciona

CLIENT
EnergyAustralia
LIGHT THE WAY

PROJECT NAME & SITE
LAKE LYELL PUMPED HYDRO ENERGY STORAGE PROJECT
NEW SOUTH WALES

PROJECT TYPE: ECI
PROJECT PHASE: PHASE 1
CLIENT PROJECT NO.
CONSULTANT PROJECT NO.: 425814

DRAWING
PROJECT LONGITUDINAL SECTION

DRAWING NO.: LL-MM-30210-CLD020-0001
REVISION: A0
CIVIL
SCALE (A1): 1:2000

C:\Users\vor88800.DC-ACCDocs\Mott MacDonald\425814 - Lake Lyell PHES\Project Files\MottMacDE_Civil Engineering_MMD\Drawings\LL-MM-30210-CLD020-0001 Project Longitudinal Section-recover.dwg Oct 31, 2023 - 7:20pm VOR88800

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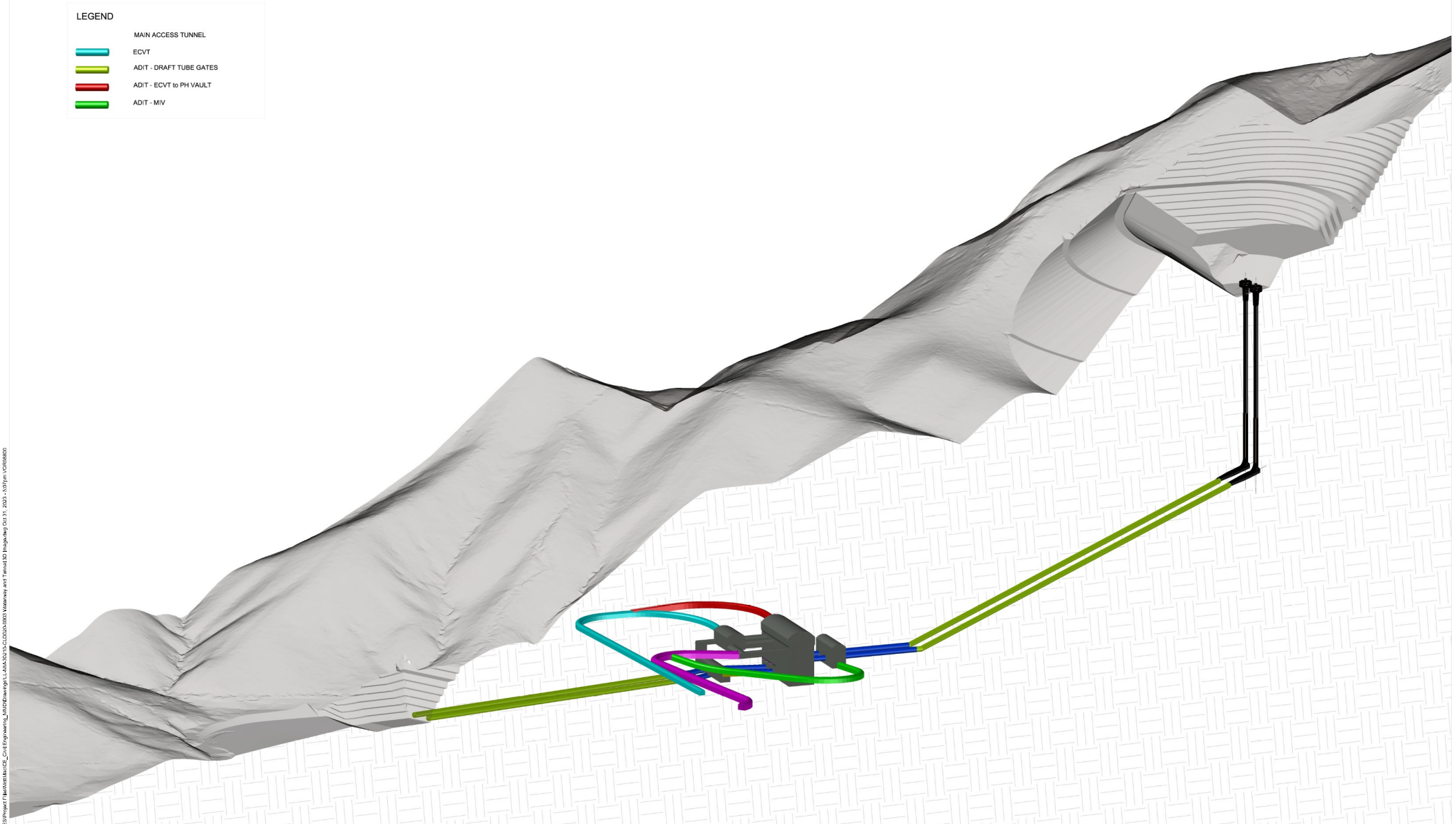

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NOTES

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REV.	ID	DESCRIPTION	CHK	APPD	DATE
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CONSULTANTS PROJECT NO.
MOTT MACDONALD : 426273

CONSULTANT
Mott MacDonald Australia
Mezzanine Lev
200 Victoria Square
Adelaide, SA 5000
MOTT MACDONALD

ECI CONTRACTOR
McCONNELL DOWELL
acciona

CLIENT
EnergyAustralia
LIGHT THE WAY

PROJECT NAME & SITE
LAKE LYELL PUMPED HYDRO ENERGY STORAGE PROJECT
NEW SOUTH WALES

PROJECT TYPE	PROJECT PHASE
ECI	PHASE 1
CLIENT PROJECT NO.	CONSULTANT PROJECT NO.
	425814

DRAWING
WATERWAY AND TUNNEL 3D IMAGE

DRAWING NO.	REVISION
LL-MM-30210-CLD020-0003	A0
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