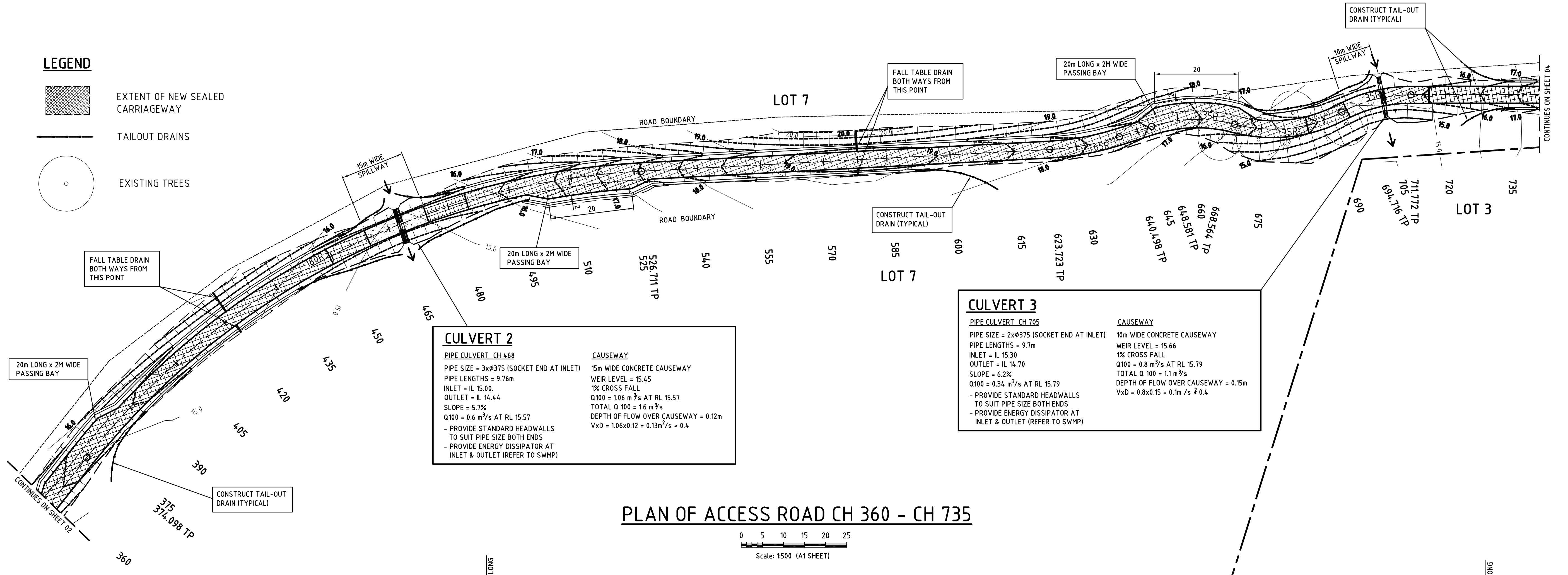
LEGEND

- ▨ EXTENT OF NEW SEALED CARRIAGEWAY
- TAILOUT DRAINS
- ○ EXISTING TREES



CULVERT 2

PIPE CULVERT CH 468

PIPE SIZE = 3xø375 (SOCKET END AT INLET)
PIPE LENGTHS = 9.76m
INLET = IL 15.00.
OUTLET = IL 14.44
SLOPE = 5.7%
Q100 = 0.6 m³/s AT RL 15.57
- PROVIDE STANDARD HEADWALLS TO SUIT PIPE SIZE BOTH ENDS
- PROVIDE ENERGY DISSIPATOR AT INLET & OUTLET (REFER TO SWMP)

CAUSEWAY

15m WIDE CONCRETE CAUSEWAY
WEIR LEVEL = 15.45
1% CROSS FALL
Q100 = 1.06 m³/s AT RL 15.57
TOTAL Q 100 = 1.6 m³/s
DEPTH OF FLOW OVER CAUSEWAY = 0.12m
VxD = 1.06x0.12 = 0.13m²/s < 0.4

CULVERT 3

PIPE CULVERT CH 705

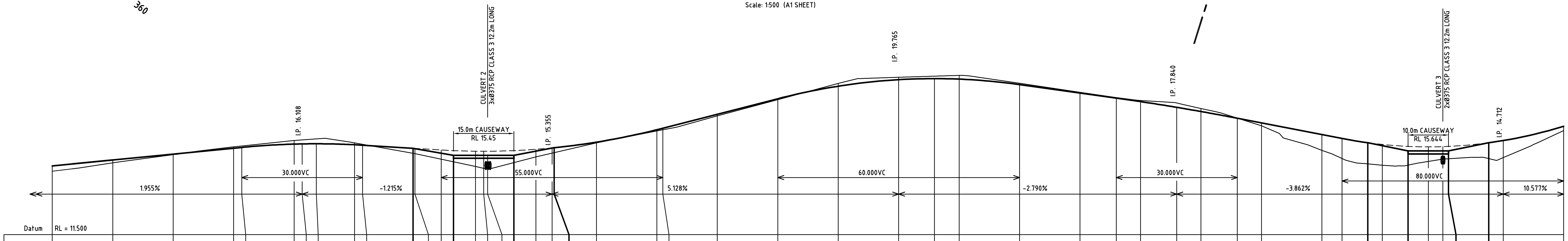
PIPE SIZE = 2xø375 (SOCKET END AT INLET)
PIPE LENGTHS = 9.7m
INLET = IL 15.30
OUTLET = IL 14.70
SLOPE = 6.2%
Q100 = 0.34 m³/s AT RL 15.79
- PROVIDE STANDARD HEADWALLS TO SUIT PIPE SIZE BOTH ENDS
- PROVIDE ENERGY DISSIPATOR AT INLET & OUTLET (REFER TO SWMP)

CAUSEWAY

10m WIDE CONCRETE CAUSEWAY
WEIR LEVEL = 15.66
1% CROSS FALL
Q100 = 0.8 m³/s AT RL 15.79
TOTAL Q 100 = 1.1 m³/s
DEPTH OF FLOW OVER CAUSEWAY = 0.15m
VxD = 0.8x0.15 = 0.1m /s ≤ 0.4

PLAN OF ACCESS ROAD CH 360 - CH 735

Scale: 1:500 (A1 SHEET)



CHAINAGE	EXISTING SURFACE LEVEL	DESIGN SURFACE LEVEL	CUT/FILL
360.000	14.633	14.896	0.263
375.000	15.054	15.189	0.135
390.000	15.457	15.482	0.025
405.000	15.844	15.776	-0.068
407.000		15.815	
420.000	16.157	15.980	-0.177
422.000		15.989	
425.504		15.996	
435.000	16.042	15.948	-0.094
437.000		15.926	
447.032		**15.774**	
450.000	15.509	15.768	0.259
456.500		15.689	
457.032		**15.425**	
465.000	14.875	15.627	0.752
467.032		15.625	
468.000			
477.032		**15.425**	
480.000	15.349	15.722	0.373
484.000		15.791	
487.032		**15.802**	
495.000	16.042	16.076	0.034
510.000	16.636	16.690	0.054
511.500		16.765	
525.000	17.380	17.457	0.077
540.000	18.183	18.227	0.044
555.000	18.985	18.847	-0.138
570.000	19.287	19.171	-0.116
578.859		19.223	
585.000	19.379	19.198	-0.181
600.000	18.990	18.928	-0.062
615.000	18.549	18.510	-0.039
624.000		18.258	
630.000	18.140	18.085	-0.055
639.000		17.800	
645.000	17.745	17.594	-0.151
654.000		17.261	
660.000	16.885	17.029	0.144
675.000	15.672	16.450	0.778
680.000		16.257	
691.397		**16.047**	
690.000	14.935	15.961	1.026
701.397		**15.644**	
701.397		15.844	
705.000	15.233	15.855	0.622
706.397		**15.644**	
721.397		**16.047**	
720.000	15.311	16.156	0.845
735.000	16.648	16.863	0.215

LONGITUDINAL SECTION CH 360 - CH 735

Scale: 1:100 VER (A1 SHEET)
Scale: 1:500 HOR (A1 SHEET)

REV	DATE	BY	APP.	REVISION DETAILS
A	02/08	J.M.A	G.M	ISSUE FOR D.A APPROVAL
B	04/10	D.J.M	J.M.A	REVISED AS PER COUNCIL REQUIREMENTS

DRAWING STATUS

DESIGN BY	J.M.A	18/10/07
DRAWN BY	J.M.A	18/10/07
FINAL APPROVAL	G.M	11/02/08

SCALE: (on A1 Original) AS SHOWN

D.A. DRAWINGS

North

CLIENT
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PROJECT TITLE
PROPOSED 7 LOT SUBDIVISION AT
POR 14 WONBOYN LAKE
NARRABARBA

DRAWING TITLE
PLAN & LONGITUDINAL SECTION
OF ACCESS ROAD
CH 360 - 735

Project No. 07000168
Drawing No. 03
REV B

Plot Date: Friday, 30 April 2010 10:23:04 AM
CAD File Name: U:\07000168 Portion 14 Wonboyn Lake Narrabarba\Drawings\07000168-01 DA.dwg