

FORESHORE IMPROVEMENT WORKS LAKE AINSWORTH, LENNOX HEAD

DRAWING No: LHR30.061

JUNE 2018

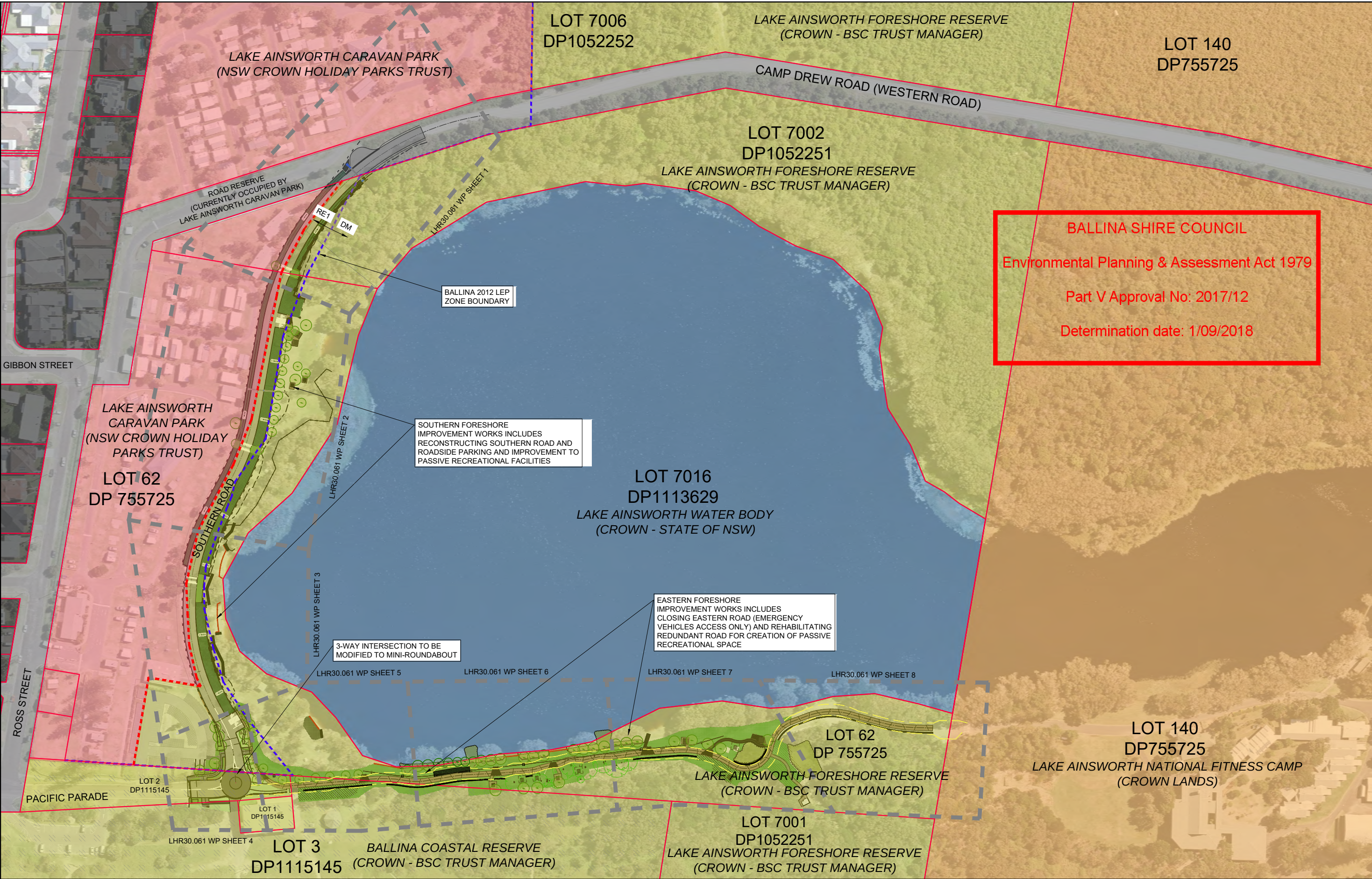
GENERAL WORKS DRAWINGS

DRAWING REGISTER

DRAWING	SHEET	ISSUE	DATE	TITLE
LHR30.061/OP	1 OF 1	B	3/11/2017	OVERALL PLAN
LHR30.061/WP	1 OF 8	B	3/11/2017	SOUTHERN FORESHORE GENERAL WORKS PLAN (CH0 TO CH105)
LHR30.061/WP	2 OF 8	B	3/11/2017	SOUTHERN FORESHORE GENERAL WORKS PLAN (CH105 TO CH255)
LHR30.061/WP	3 OF 8	B	3/11/2017	SOUTHERN FORESHORE GENERAL WORKS PLAN (CH255 TO CH380)
LHR30.061/WP	4 OF 8	B	3/11/2017	INTERSECTION GENERAL WORKS PLAN
LHR30.061/WP	5 OF 8	C	4/6/2018	EASTERN FORESHORE GENERAL WORKS PLAN AND LONGITUDINAL SECTION (CH0 TO CH120)
LHR30.061/WP	6 OF 8	C	4/6/2018	EASTERN FORESHORE GENERAL WORKS PLAN AND LONGITUDINAL SECTION (CH120 TO CH240)
LHR30.061/WP	7 OF 8	C	4/6/2018	EASTERN FORESHORE GENERAL WORKS PLAN AND LONGITUDINAL SECTION (CH240 TO CH360)
LHR30.061/WP	8 OF 8	C	4/6/2018	EASTERN FORESHORE GENERAL WORKS PLAN AND LONGITUDINAL SECTION (CH360 TO CH440)
LHR30.061/LS	1 OF 2	B	3/11/2017	SOUTHERN ROAD ALIGNMENT PLAN AND LONGITUDINAL SECTION (CH0 TO CH300)
LHR30.061/LS	2 OF 2	B	3/11/2017	SOUTHERN ROAD ALIGNMENT PLAN AND LONGITUDINAL SECTION (CH300 TO CH380)
LHR30.061/DT	1 OF 1	B	3/11/2017	LOG REVETMENT AND BEACH ACCESS RAMP TYPICAL DETAIL

LOCALITY PLAN





BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018

SOUTHERN FORESHORE
IMPROVEMENT WORKS INCLUDES
RECONSTRUCTING SOUTHERN ROAD AND
ROADSIDE PARKING AND IMPROVEMENT TO
PASSIVE RECREATIONAL FACILITIES

EASTERN FORESHORE
IMPROVEMENT WORKS INCLUDES
CLOSING EASTERN ROAD (EMERGENCY
VEHICLES ACCESS ONLY) AND REHABILITATING
REDUNDANT ROAD FOR CREATION OF PASSIVE
RECREATIONAL SPACE

3-WAY INTERSECTION TO BE
MODIFIED TO MINI-ROUNDBOUT

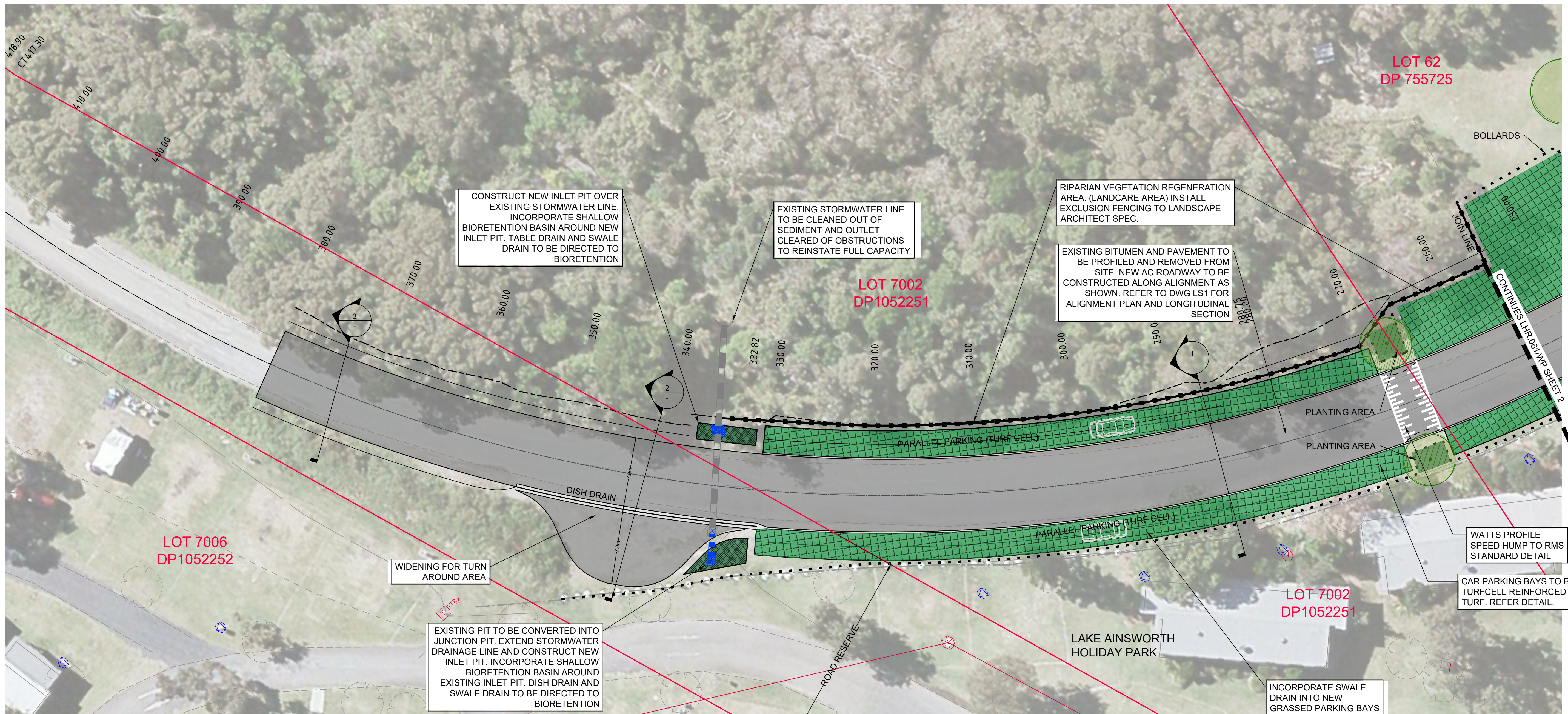
LEGEND

PRIVATE PROPERTY	PROPERTY BOUNDARY
ROAD RESERVE	CROWN TRUST BOUNDARY
CROWN RESERVE LAKE AINSWORTH FORESHORE RESERVE (CROWN - BSC TRUST MANAGER)	BALLINA 2012 LEP ZONE BOUNDARY
CROWN RESERVE SEVEN MILE BEACH FORESHORE RESERVE (BSC TRUST MANAGER)	CROWN RESERVE (NSW CROWN HOLIDAY PARKS TRUST)
CROWN RESERVE - LAKE AINSWORTH FOR ACCESS AND PUBLIC REQUIREMENTS AND OTHER (STATE OF NSW)	CROWN RESERVE (LAKE AINSWORTH NATIONAL FITNESS CAMP)

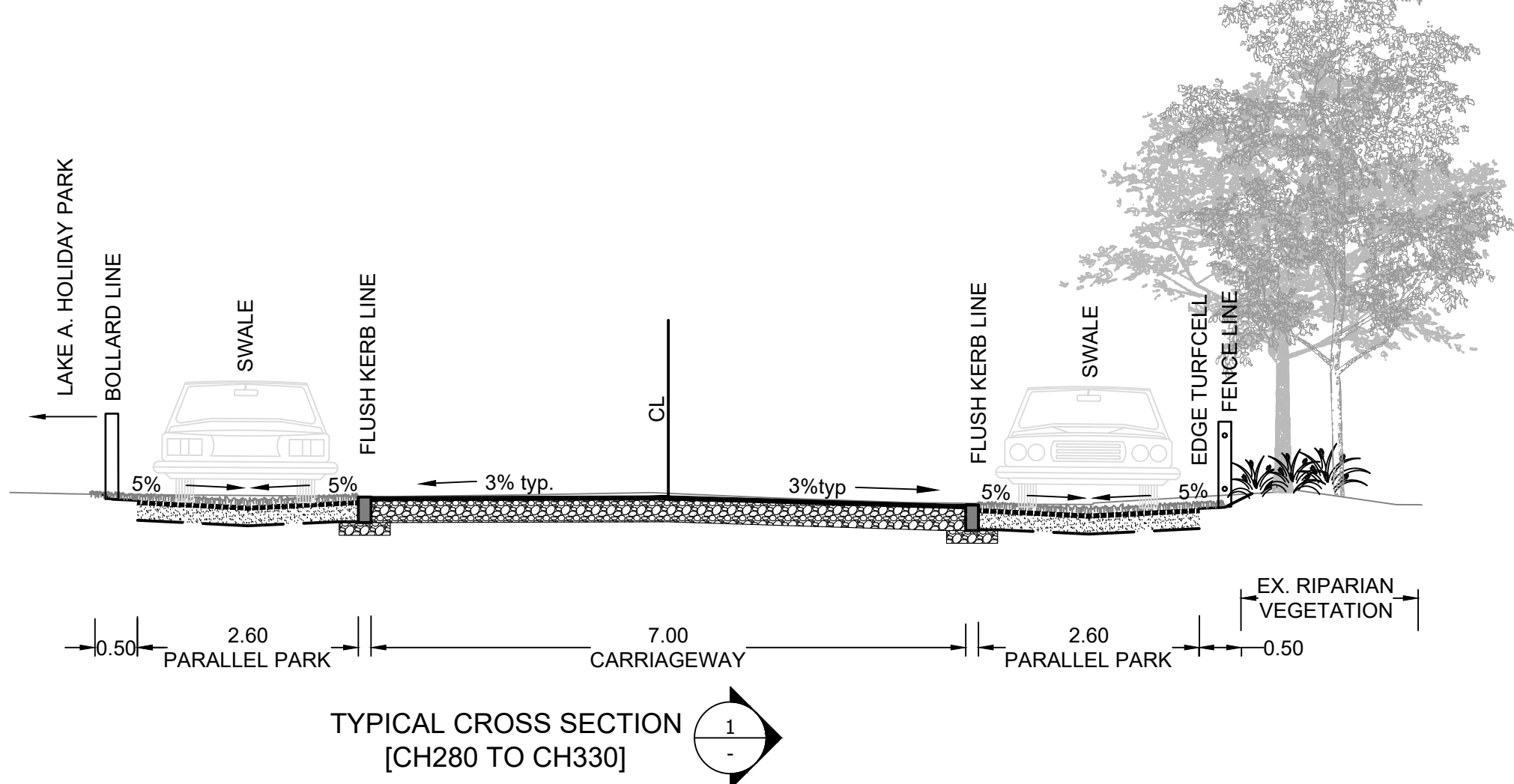
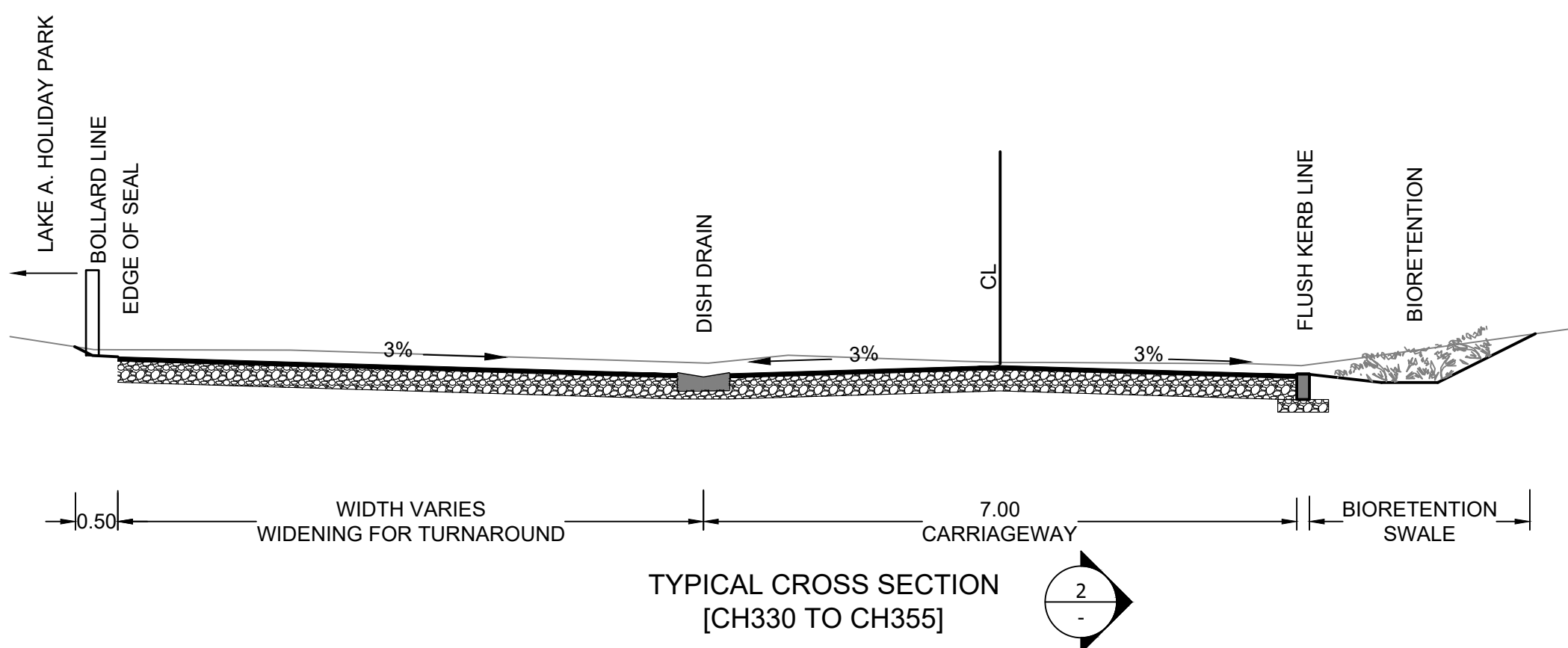
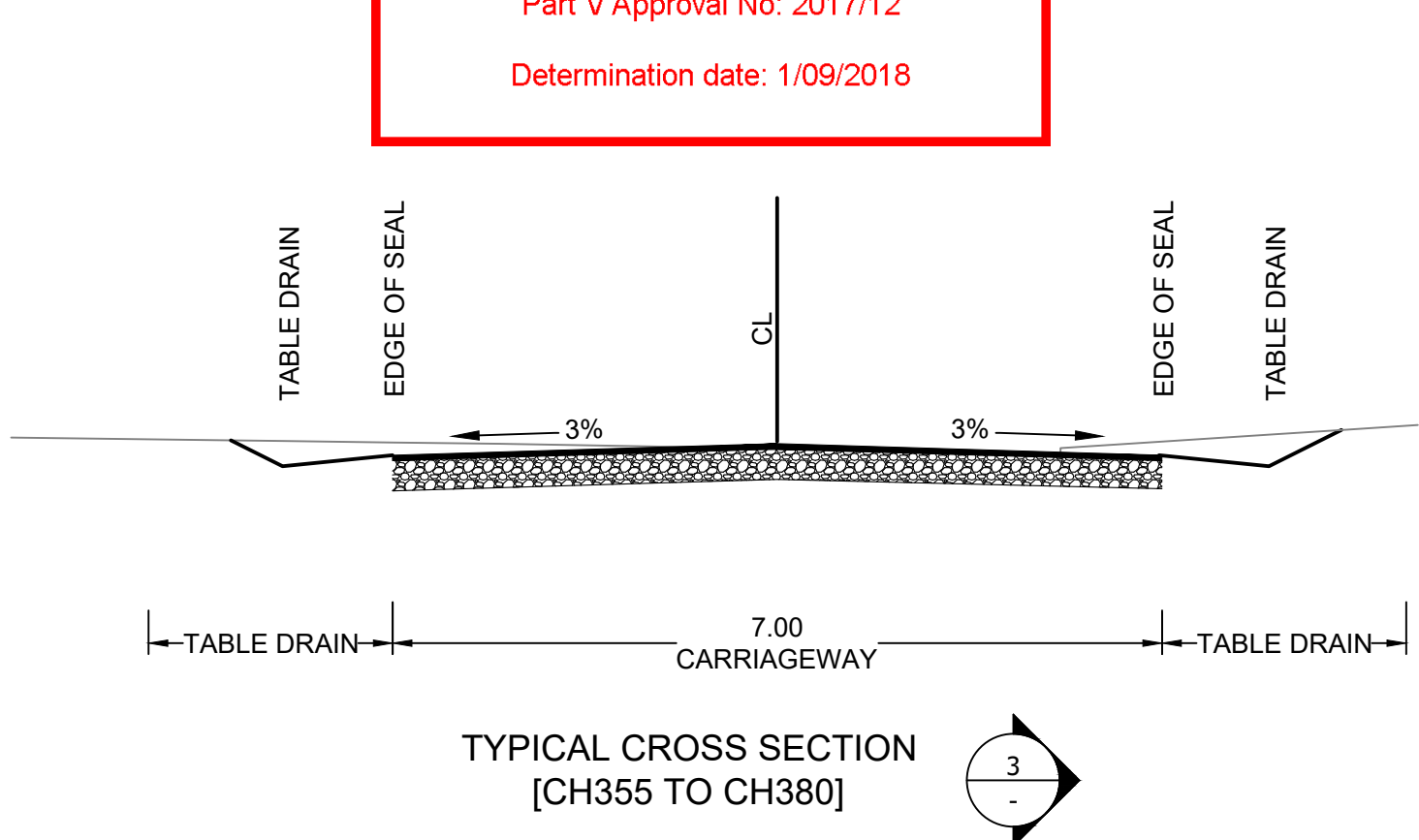
B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
Amendments				

SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	LHR 30_061 LAKE A FORESHORE DA.dwg		
SHEET 1 OF 1			

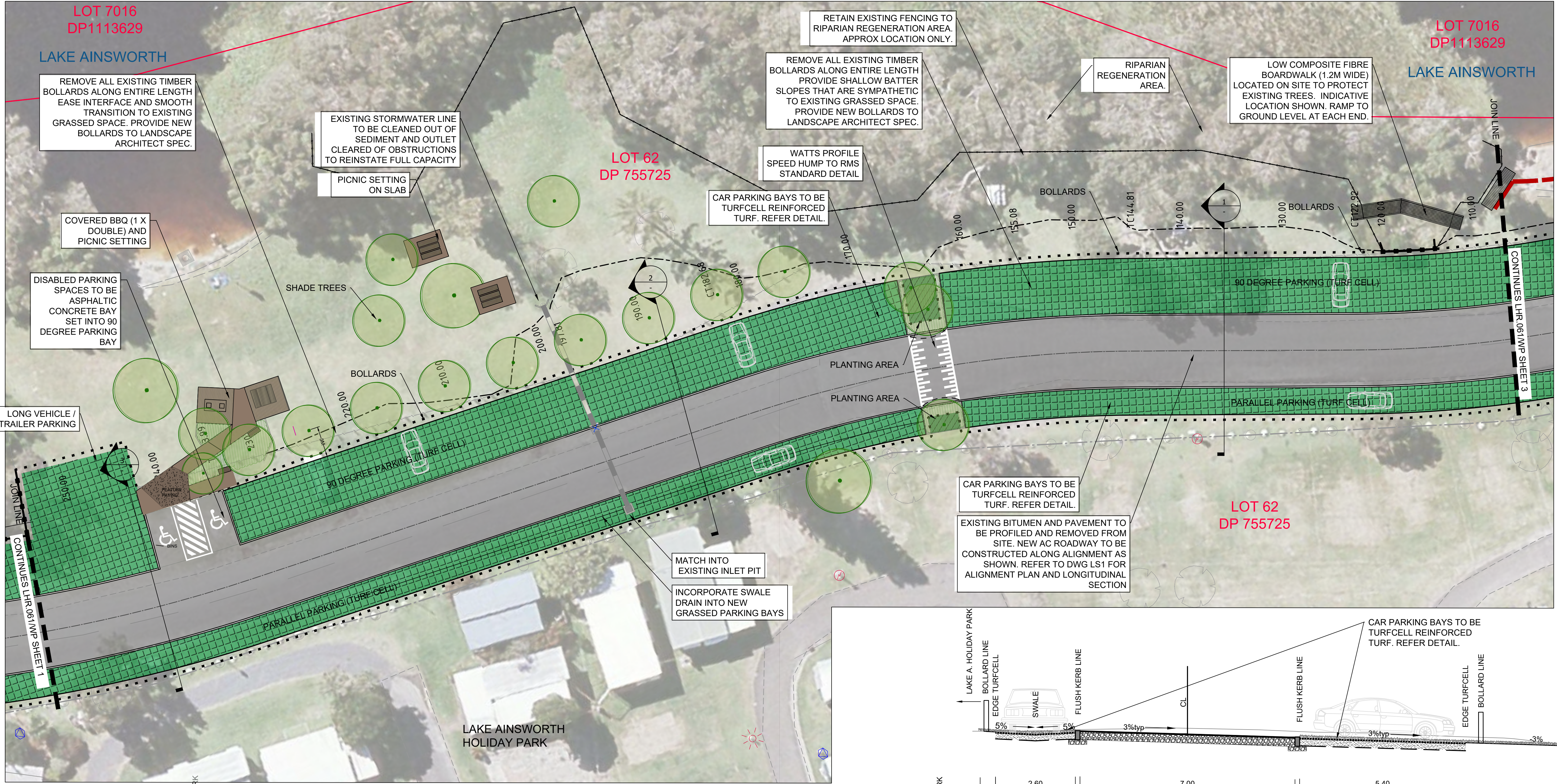
BALLINA SHIRE COUNCIL		
LAKE AINSWORTH FORESHORE WORKS OVERALL PLAN		
Scale	1:1000	Plan No. LHR30.061/OP
		A1



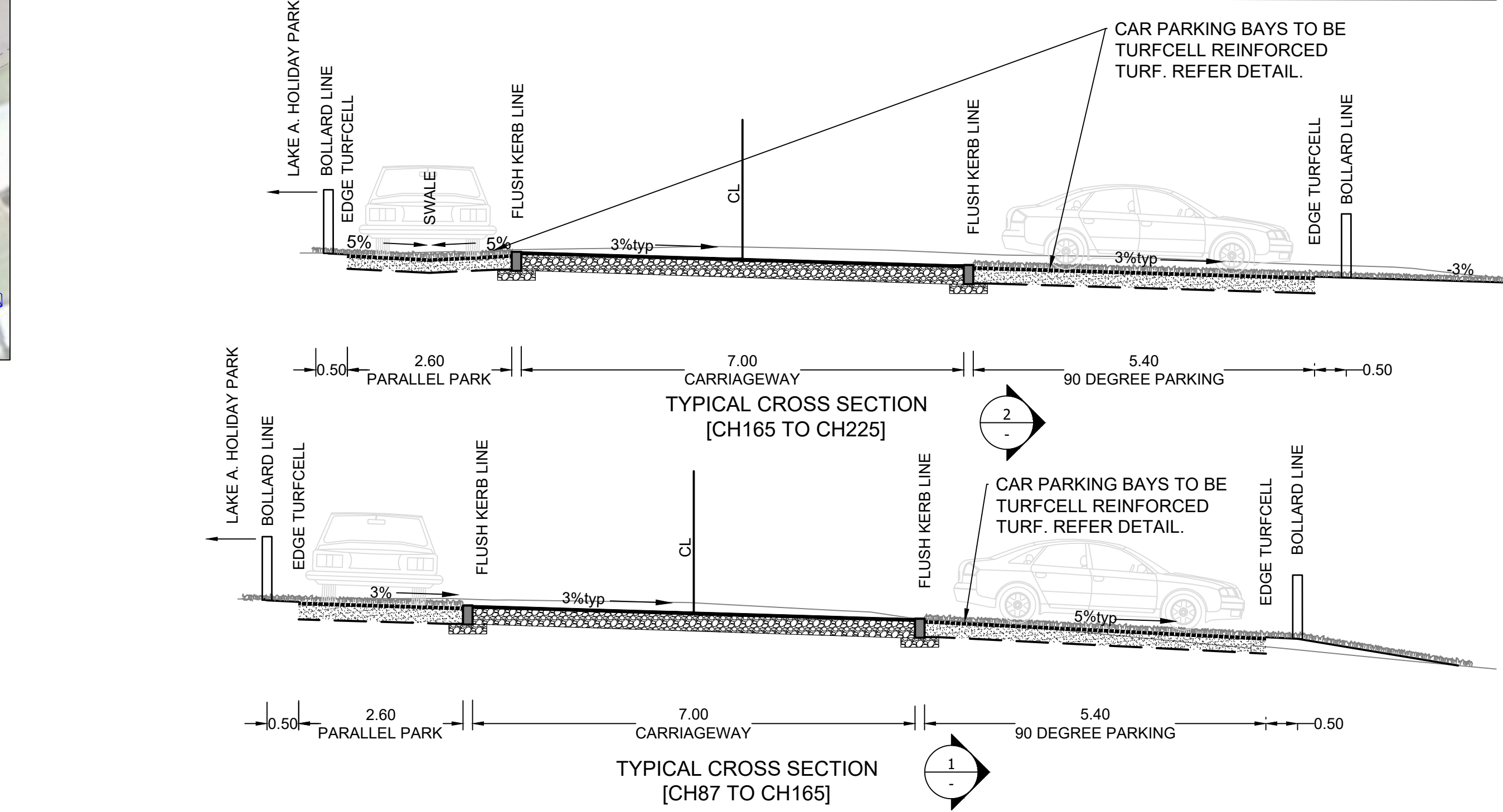
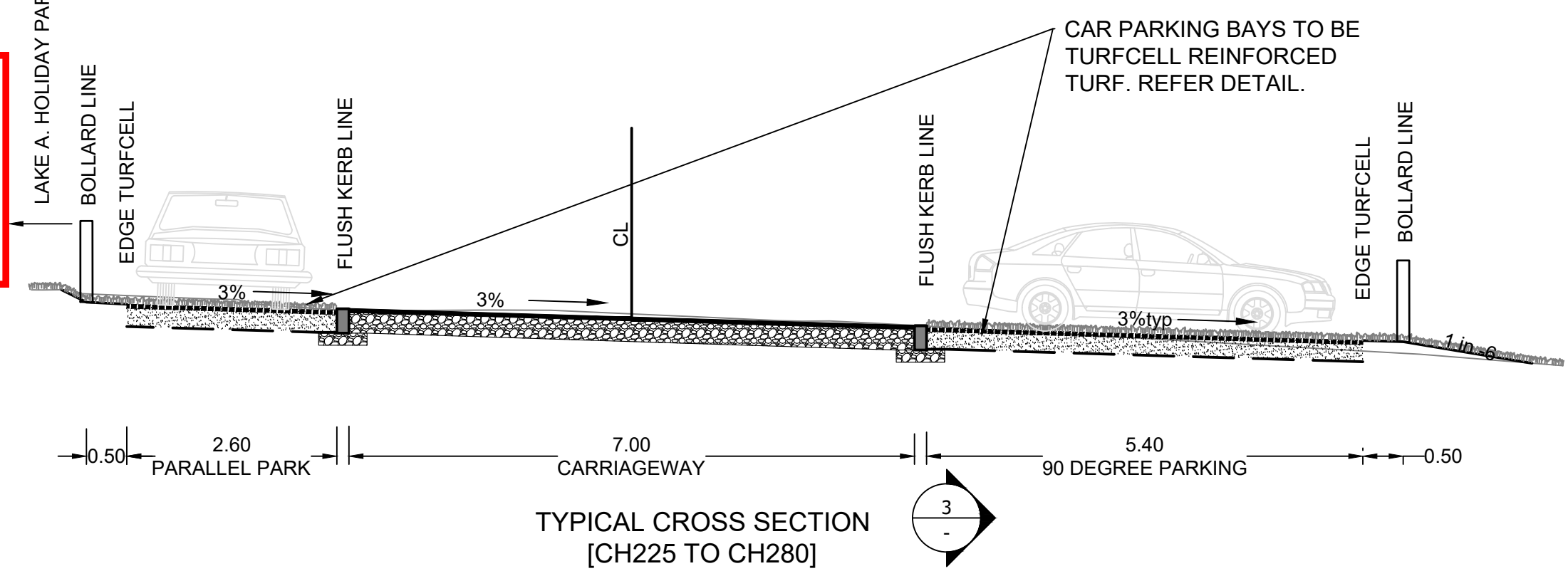
BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018



	LEGEND	SIGN STOP VALVE HYDRANT TELSTRA PIT POWER POLE STAY POLE STN/GIN SSM/PM	STORMWATER PIPE (NEW) LANDSCAPE FENCE (NEW) BOLLARD LINE (NEW) BOLLARD LINE (EXISTING) BOUNDARY BIORETENTION TURFCELL CAR PARKING LANDSCAPING AC SEAL FK 4.95 FINISHED SURFACE RL	<table border="1"><tr><td>B</td><td>3/11/17</td><td>PJB</td><td rowspan="3">ISSUED FOR PART V ASSESSMENT DRAFT FOR REVIEW</td><td rowspan="3">X'd</td></tr><tr><td>A</td><td>27/10/17</td><td>PJB</td></tr><tr><td>No.</td><td>Date</td><td>By</td></tr><tr><td colspan="5">Change</td></tr><tr><td colspan="5">Amendments</td></tr></table>	B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT DRAFT FOR REVIEW	X'd	A	27/10/17	PJB	No.	Date	By	Change					Amendments						<table border="1"><tr><td>SURVEY</td><td>BSC</td><td>DESIGNED</td><td>PJB</td></tr><tr><td>DATE</td><td>JULY 2017</td><td>DRAWN</td><td>PJB</td></tr><tr><td>F.B.</td><td>L.B.</td><td>CHECKED</td><td></td></tr><tr><td>DATUM</td><td>AHD</td><td>APPROVED</td><td></td></tr><tr><td colspan="4">DRAWING LHR 30_061 LAKE A FORESHORE DA.dwg</td></tr><tr><td colspan="4">SHEET 1 OF 8</td></tr></table>	SURVEY	BSC	DESIGNED	PJB	DATE	JULY 2017	DRAWN	PJB	F.B.	L.B.	CHECKED		DATUM	AHD	APPROVED		DRAWING LHR 30_061 LAKE A FORESHORE DA.dwg				SHEET 1 OF 8				BALLINA SHIRE COUNCIL LAKE AINSWORTH FORESHORE WORKS SOUTHERN FORESHORE GENERAL WORKS PLAN AND TYPICAL DETAILS		
	B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT DRAFT FOR REVIEW	X'd																																																	
	A	27/10/17	PJB																																																			
	No.	Date	By																																																			
Change																																																						
Amendments																																																						
SURVEY	BSC	DESIGNED	PJB																																																			
DATE	JULY 2017	DRAWN	PJB																																																			
F.B.	L.B.	CHECKED																																																				
DATUM	AHD	APPROVED																																																				
DRAWING LHR 30_061 LAKE A FORESHORE DA.dwg																																																						
SHEET 1 OF 8																																																						
Scale	1:200	Plan No.	LHR30.061/WP	A1																																																		



BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018



LEGEND

TELSTRA FIBRE OPTIC CABLE	SIGN	STORMWATER PIPE (NEW)
TELSTRA CABLE	STOP VALVE	LANDSCAPE FENCE (NEW)
UNDER GROUND ELECTRICITY	HYDRANT	BOLLARD LINE (NEW)
OVER HEAD ELECTRICITY	TELSTRA PIT	BOLLARD LINE (EXISTING)
SEWER (GRAVITY)	OPP POWER POLE	BOUNDARY
SEWER RISING MAIN (EXISTING)	SP STAY POLE	FK 4.95 FINISHED SURFACE RL
STORMWATER PIPE (EX)	STN/GIN	BIORETENTION
WATER (EX)	SSM/PM	TURFCELL CAR PARKING
FENCE (EX)		LANDSCAPING
EDGE OF BITUMEN (EX)		AC SEAL

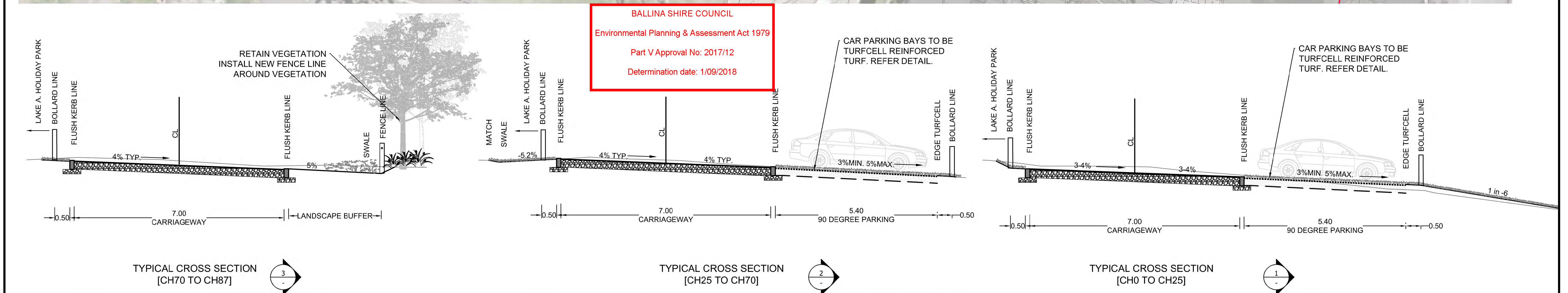
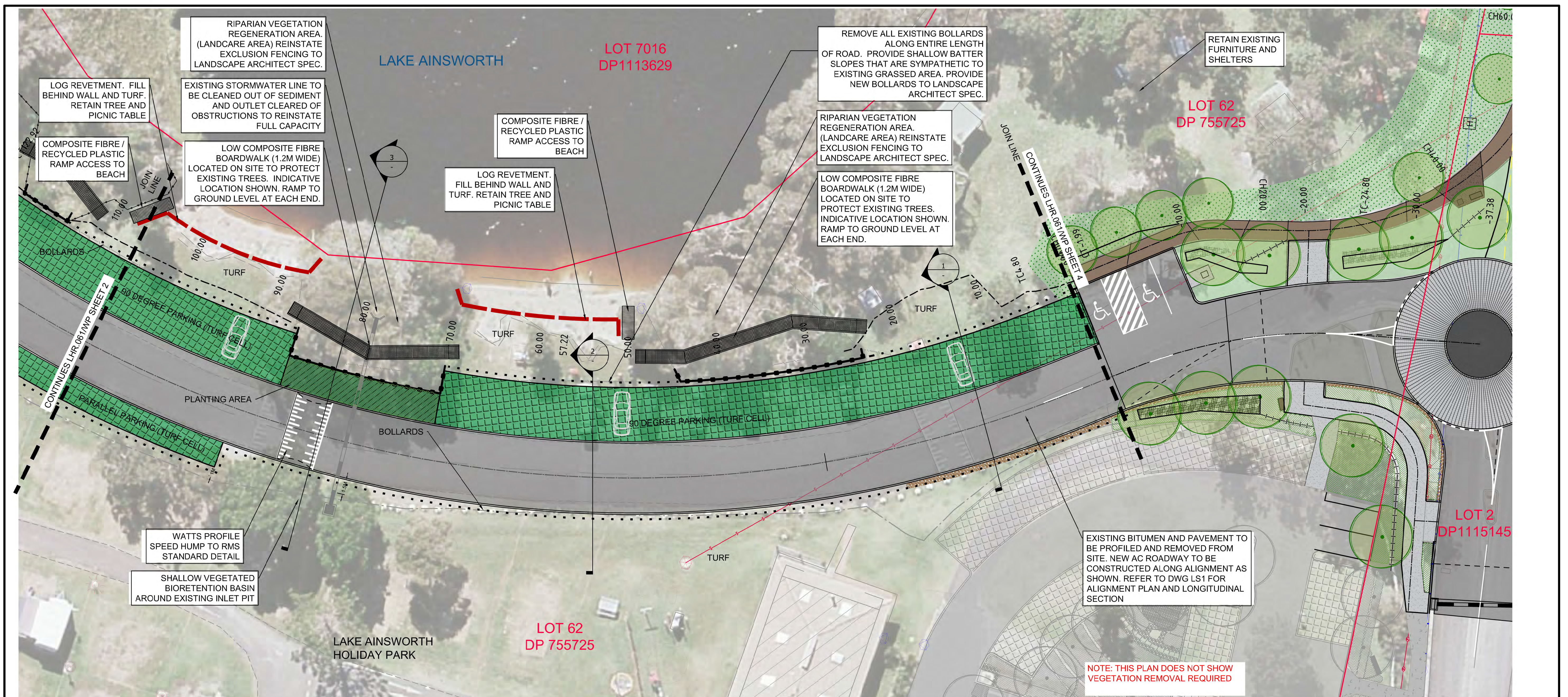
B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
Amendments				

SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING LHR 30_061 LAKE A FORESHORE DA.dwg			
SHEET 2 OF 8			

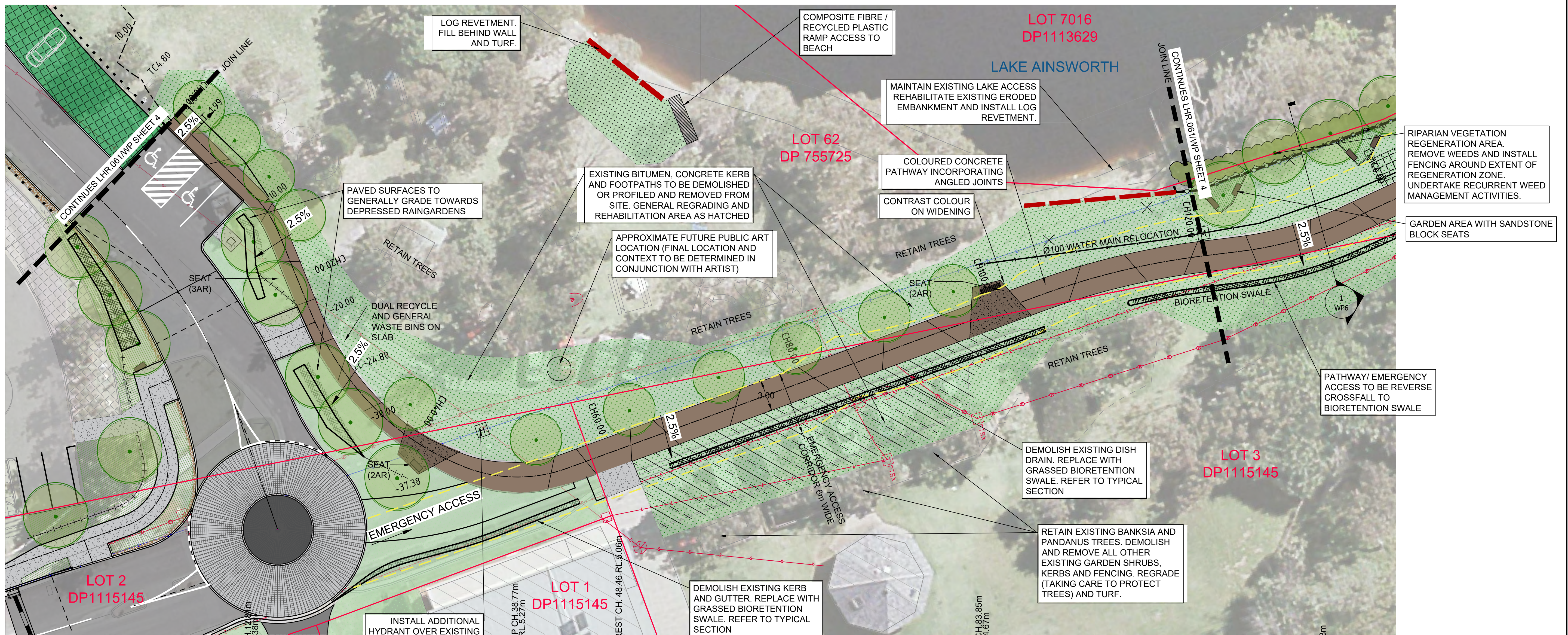
BALLINA SHIRE COUNCIL

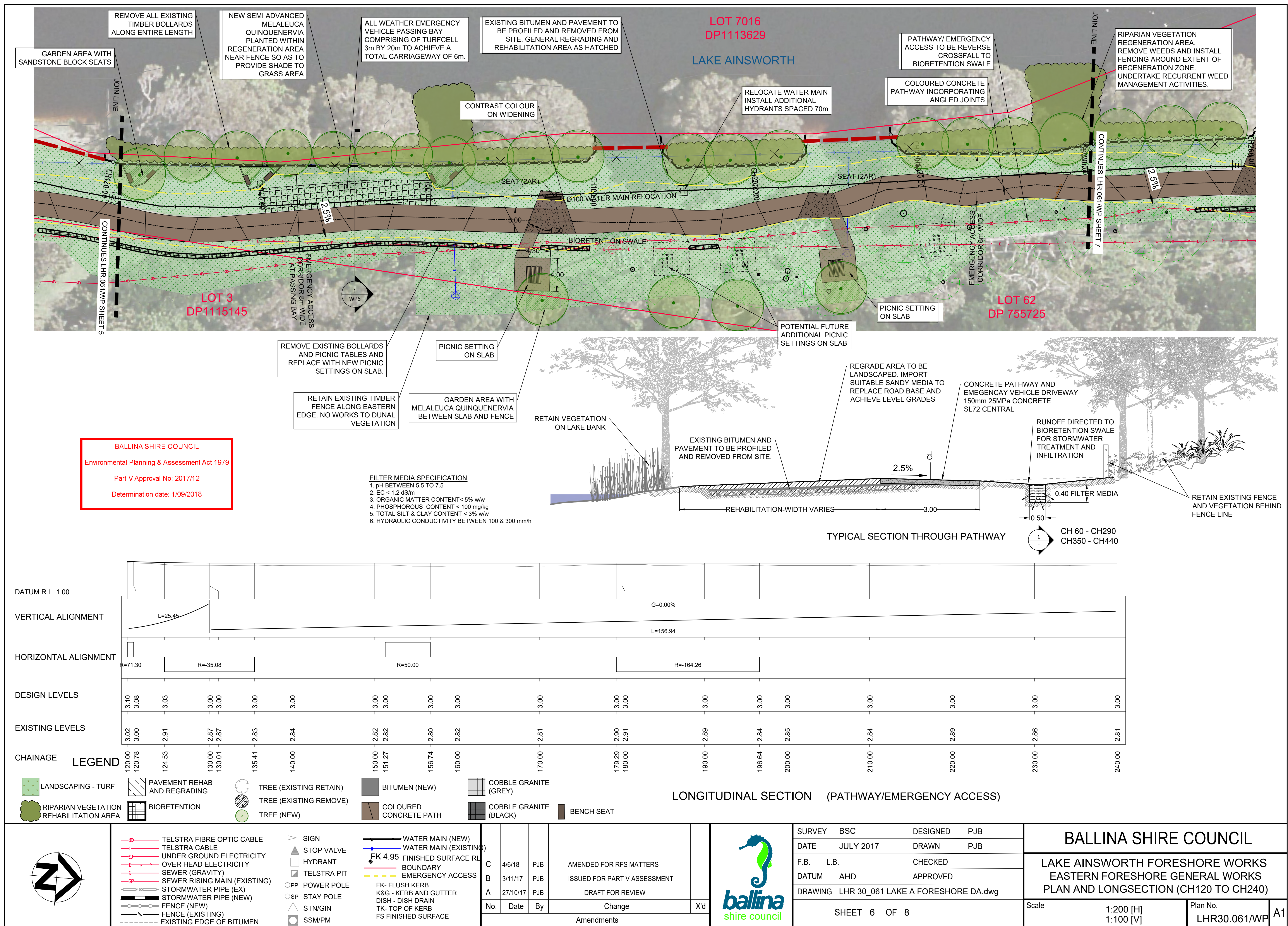
LAKE AINSWORTH FORESHORE WORKS
SOUTHERN FORESHORE GENERAL WORKS PLAN
AND TYPICAL DETAILS

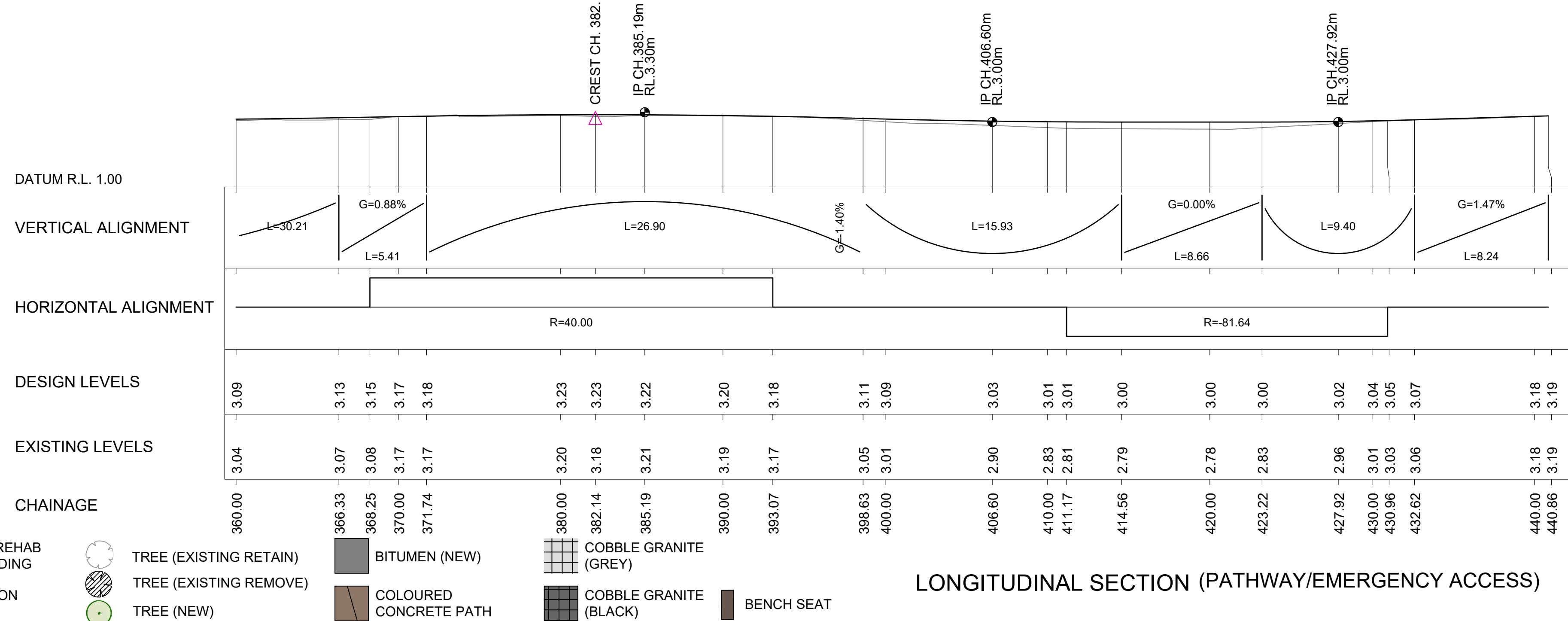
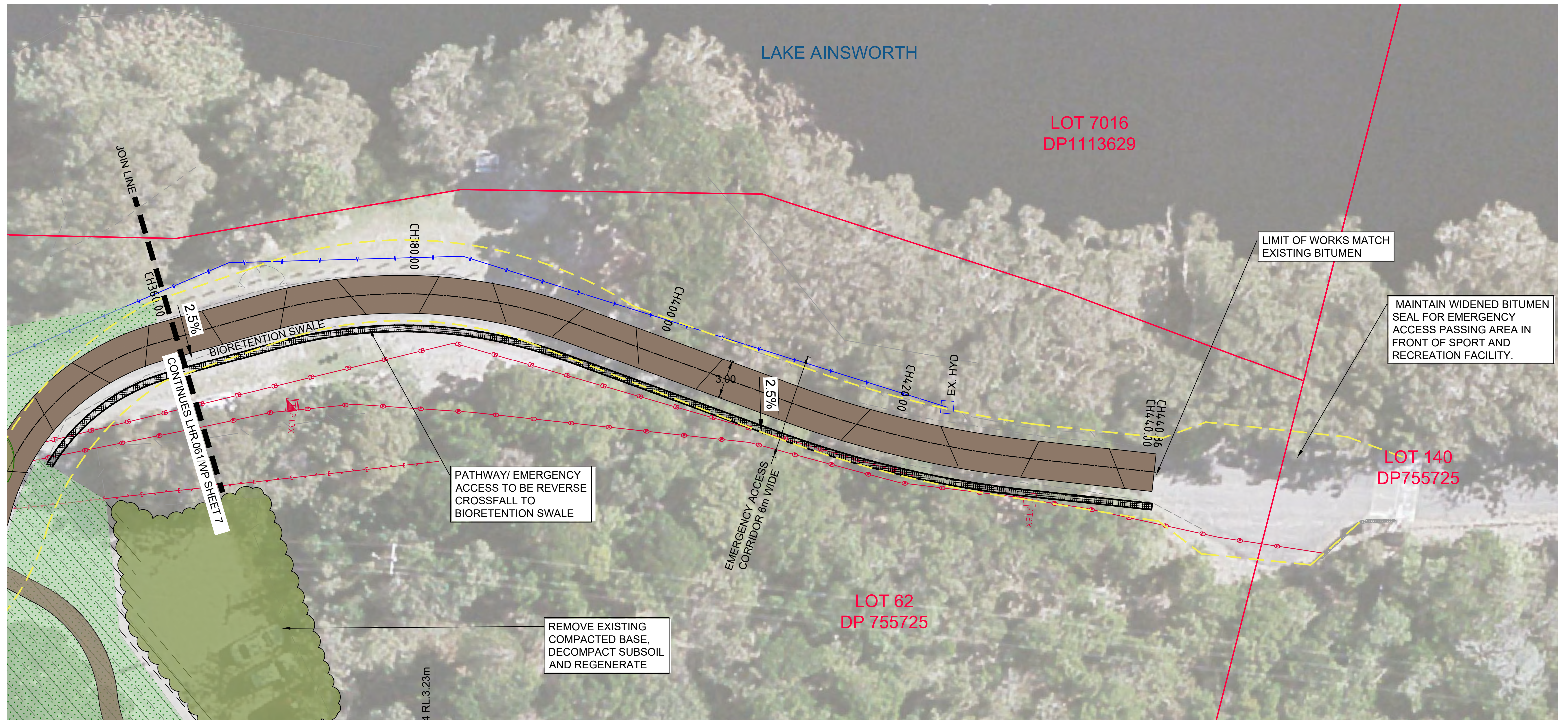
Scale	1:200	Plan No.	LHR30.061/WP	A1
-------	-------	----------	--------------	----



	LEGEND		SIGN	STORMWATER PIPE (NEW)	B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT									
	TELSTRA FIBRE OPTIC CABLE	STOP VALVE	LANDSCAPE FENCE (NEW)														
	TELSTRA CABLE	HYDRANT	BOLLARD LINE (NEW)														
	UNDER GROUND ELECTRICITY	TELSTRA PIT	BOLLARD LINE (EXISTING)														
	OVER HEAD ELECTRICITY	POWER POLE	BOUNDARY														
SEWER (GRAVITY)	STAY POLE	SEWER RISING MAIN (EXISTING)	FK 4.95 FINISHED SURFACE RL														
STORMWATER PIPE (EX)	STN/GIN	WATER (EX)	BIORETENTION	TURFCELL	A	27/10/17	PJB	DRAFT FOR REVIEW									
FENCE (EX)	SSM/PM	EDGE OF BITUMEN (EX)	LANDSCAPING	AC SEAL	No.	Date	By	Change	X'd								
					Amendments												
					SURVEY		BSC		DESIGNED		PJB		BALLINA SHIRE COUNCIL				
					DATE		JULY 2017		DRAWN		PJB						
					F.B.		L.B.		CHECKED				LAKE AINSWORTH FORESHORE WORKS				
					DATUM		AHD		APPROVED								
					DRAWING					LHR 30_061 LAKE A FORESHORE DA.dwg					SOUTHERN FORESHORE GENERAL WORKS PLAN		
					SHEET 3					OF 8							
					Scale					1:200					Plan No.		
										LHR30.061/WP					A1		







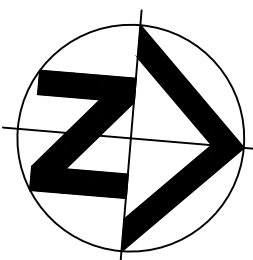
BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018

LEGEND

--	--	--	--	--	--	--	--	--	--	--

--	--	--	--	--	--	--	--

LONGITUDINAL SECTION (PATHWAY/EMERGENCY ACCESS)



C	4/6/18	PJB	AMENDED FOR RFS MATTERS	
B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
Amendments				

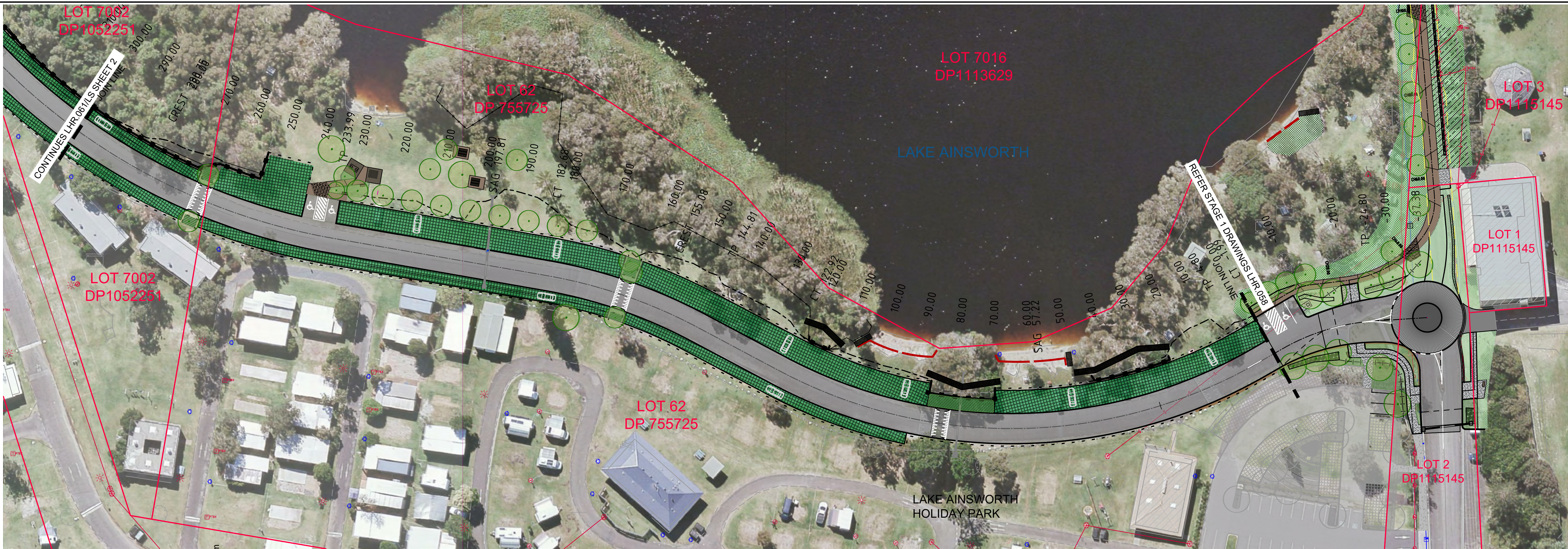


SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	LHR 30_061 LAKE A FORESHORE DA.dwg		
SHEET 8 OF 8			

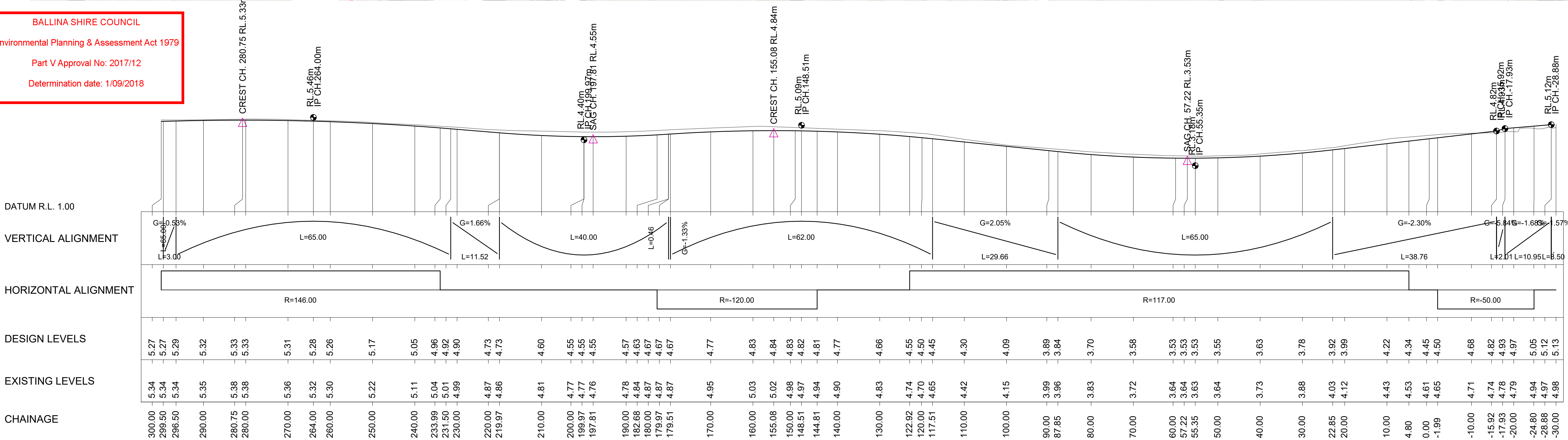
BALLINA SHIRE COUNCIL

LAKE AINSWORTH FORESHORE WORKS
EASTERN FORESHORE GENERAL WORKS
PLAN AND LONGSECTION (CH360 TO CH440)

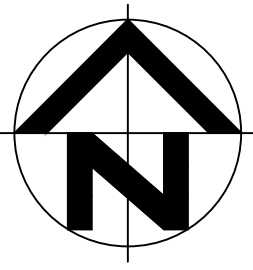
Scale	1:200 [H] 1:100 [V]	Plan No. LHR30.061/WP	A1
-------	------------------------	--------------------------	----



BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018



LONGITUDINAL SECTION



LEGEND			
	TELSTRA FIBRE OPTIC CABLE		SIGN
	TELSTRA CABLE		STOP VALVE
	UNDER GROUND ELECTRICITY		HYDRANT
	OVER HEAD ELECTRICITY		TELSTRA PIT
	SEWER (GRAVITY)		POWER POLE
	SEWER RISING MAIN (EXISTING)		STAY POLE
	STORMWATER PIPE (EX)		STN/GIN
	WATER (EX)		SSM/PM
	FENCE (EX)		
	EDGE OF BITUMEN (EX)		
	STORMWATER PIPE (NEW)		BIORETENTION
	LANDSCAPE FENCE (NEW)		TURFCELL
	BOLLARD LINE (NEW)		CAR PARKING
	BOLLARD LINE (EXISTING)		AC SEAL
	BOUNDARY		
	FK 4.95 FINISHED SURFACE RL		

B	3/1/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
			Amendments	

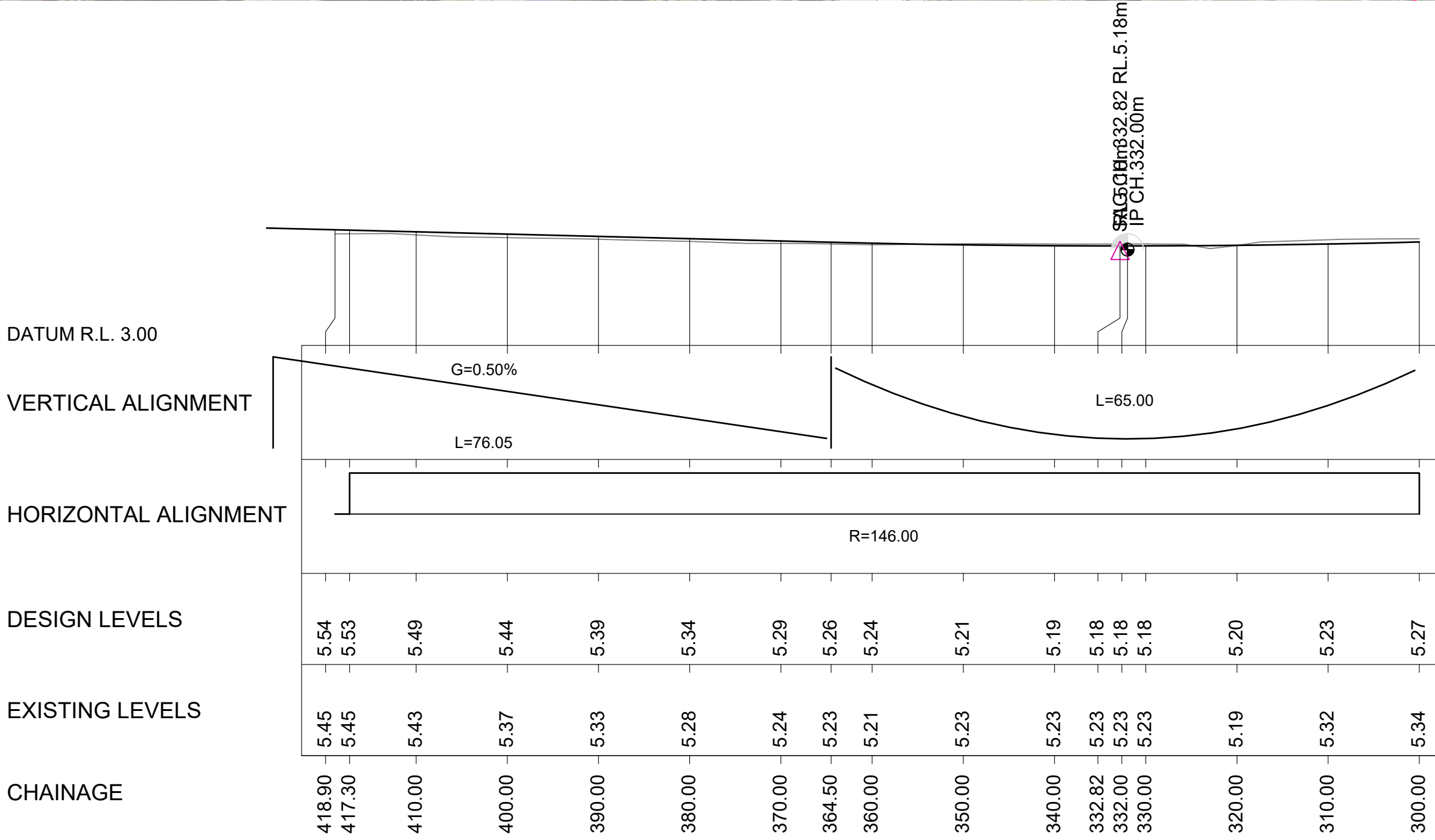


SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	LHR 30_061 LAKE A FORESHORE DA.dwg		
	SHEET 1 OF 2		

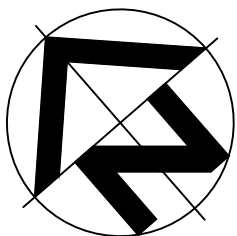
BALLINA SHIRE COUNCIL			
LAKE AINSWORTH FORESHORE WORKS SOUTHERN ROAD ALIGNMENT PLAN AND LONGSECTION (CH0 - 300)			
Scale	1:500 [H] 1:100 [V]	Plan No.	A1
		LHR30.061/LS	



BALLINA SHIRE COUNCIL
Environmental Planning & Assessment Act 1979
Part V Approval No: 2017/12
Determination date: 1/09/2018



LONGITUDINAL SECTION



LEGEND

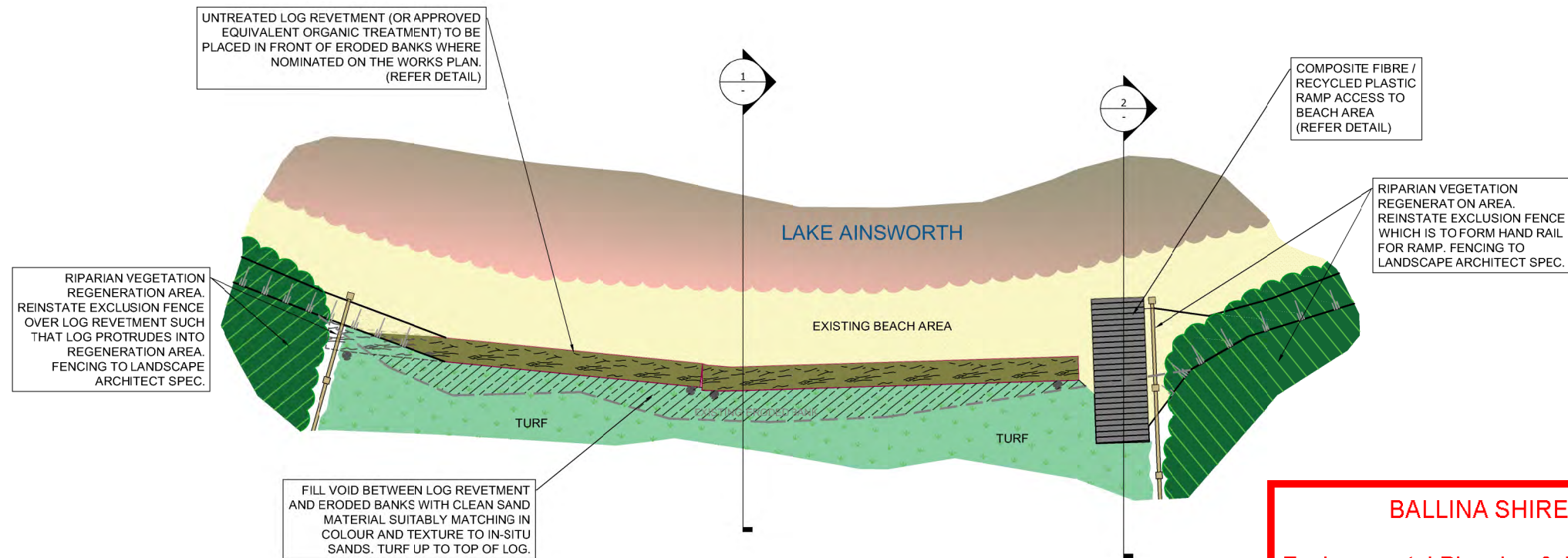
	TELSTRA FIBRE OPTIC CABLE		SIGN		STORMWATER PIPE (NEW)
	TELSTRA CABLE		STOP VALVE		LANDSCAPE FENCE (NEW)
	UNDER GROUND ELECTRICITY		HYDRANT		BOLLARD LINE (NEW)
	OVER HEAD ELECTRICITY		TELSTRA PIT		BOLLARD LINE (EXISTING)
	SEWER (GRAVITY)		POWER POLE		BOUNDARY
	SEWER RISING MAIN (EXISTING)		STAY POLE		FK 4.95 FINISHED SURFACE RL
	STORMWATER PIPE (EX)		STN/GIN		BIORETENTION
	WATER (EX)		SSM/PM		TURFCELL CAR PARKING
	FENCE (EX)				LANDSCAPING
	EDGE OF BITUMEN (EX)				AC SEAL

B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
Amendments				

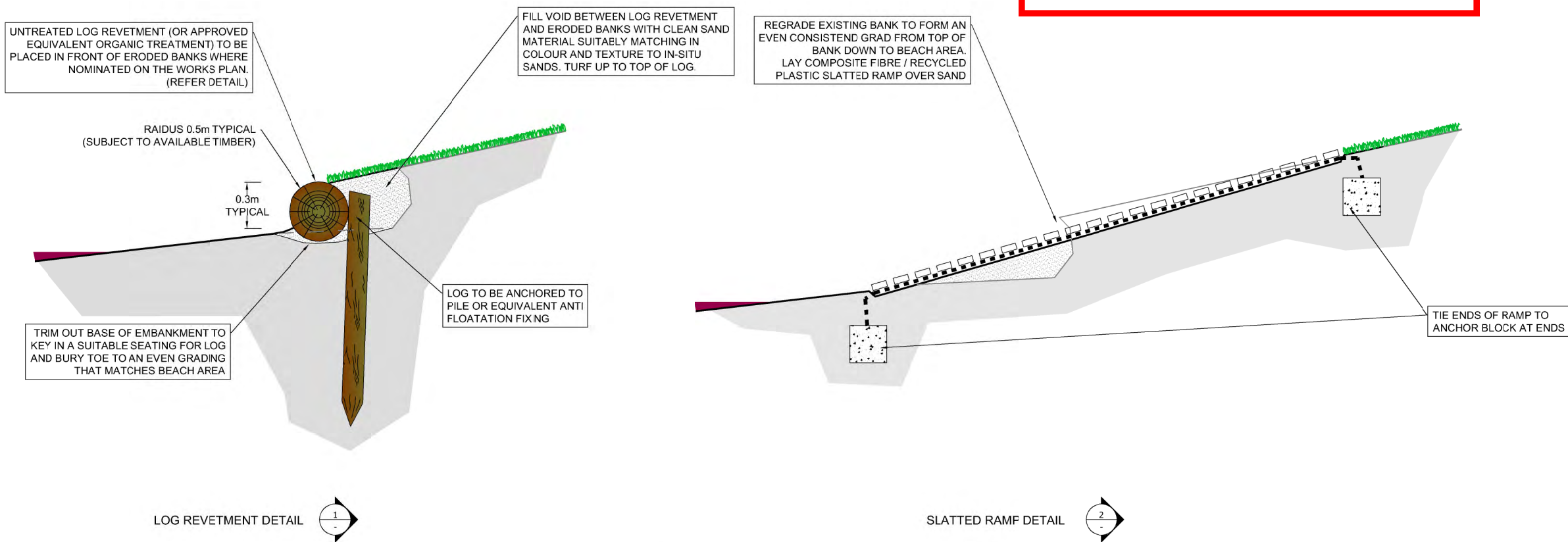


SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	LHR 30_061 LAKE A FORESHORE DA.dwg		
SHEET 2 OF 2			

BALLINA SHIRE COUNCIL			
LAKE AINSWORTH FORESHORE WORKS SOUTHERN ROAD ALIGNMENT PLAN AND LONGSECTION (CH300 - 380)			
Scale	1:500 [H] 1:100 [V]	Plan No. LHR30.061/LS	A1



BALLINA SHIRE COUNCIL
 Environmental Planning & Assessment Act 1979
 Part V Approval No: 2017/12
 Determination date: 1/09/2018



B	3/11/17	PJB	ISSUED FOR PART V ASSESSMENT	
A	27/10/17	PJB	DRAFT FOR REVIEW	
No.	Date	By	Change	X'd
Amendments				



SURVEY	BSC	DESIGNED	PJB
DATE	JULY 2017	DRAWN	PJB
F.B.	L.B.	CHECKED	
DATUM	AHD	APPROVED	
DRAWING	LHR 30_061 LAKE A FORESHORE DA.dwg		
SHEET 1 OF 1			

BALLINA SHIRE COUNCIL		
LAKE AINSWORTH FORESHORE WORKS LOG REVETMENT AND BEACH ACCESS RAMP		
TYPICAL DETAILS		
Scale	NOT TO SCALE	Plan No. LHR30.061/DT
		A1