



SETBACK REQUIRES LOCAL ASSESSMENT OF ROCK

—	VEGETATION LINE DEC 2008 AERIAL PHOTOGRAPHY		
—	LOW SCENARIO	JULY 1996 STORM EVENT	+0.4m SEA LEVEL RISE 100 YEAR TIME FRAME
—	MEDIUM SCENARIO	JULY 1996 STORM EVENT +10%	+0.9m SEA LEVEL RISE 100 YEAR TIME FRAME
—	HIGH SCENARIO	JULY 1996 STORM EVENT +10%	+1.1m SEA LEVEL RISE 100 YEAR TIME FRAME

- NOTES:
1. These plans provide an interpretation of development planning setbacks for coastal erosion under a set of possible climate change scenarios. These plans do not have the precision required to define erosion risk to individual properties.
 2. Planning setbacks indicate potential shoreline erosion due to climate change and severe storm impact. Additional allowances may be required for coastal inundation and runoff flooding.
 3. Setback scenarios defined in this plan have been derived using the methodology outlined in Damara WA (2011) Shire of Busselton Coastal Erosion Study - Assessment of Climate Change Impacts. Report 96-00-01.
 4. Future coastal erosion has been assumed to be distributed across the Busselton shoreline. However, this distribution will be affected by future coastal management practices and maintenance of coastal defences.
 5. Plans incorporate the known presence of coastal protection structures, but do not account for structural capacity or condition, and may not capture the extent or influence of buried structures.
 6. It has been assumed that existing coastal protection structures are maintained in their present position. This assumption produces a relative bias between groynes and seawalls, with much greater effort required to maintain a seawall.
 7. Aerial imagery from LANDGATE GEOGRAPHE_BAY_DEC_2008_MOSAIC captured on 19/12/2008.

REVN	DATE	AMENDMENT	DRN	DESIGN APPROVAL
A	17/08/2011	INITIAL ISSUE FOR CLIENT REVIEW	SM	

ORIG SIZE: A3
ARCHIVE: DA-2044-2-1A.dgn
PROJECT No:

NOTES

SCALE 1 : 10000

DATUM
VERTICAL N/A

HORIZONTAL MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	G.McCormack		17/08/2011
DRAWN	S.Mouchemore		17/08/2011
ENGINEERING CHECK	M.Eliot		
CARTOGRAPHY CHECK	G.Bebbington		
APPROVED PROJECT MGR			

Damara WA Pty Ltd

BEBBCART
BEBBINGTON CARTOGRAPHICS Pty Ltd

BUSSELTON SHIRE
UNDEFENDED SETBACK LINES
DUNSBOROUGH-QUINDALUP

DRAWING NUMBER DA 2044 - 2 - 1

REVW A



SETBACK REQUIRES LOCAL ASSESSMENT OF ROCK

DUNSBOROUGH
CAR PARK SEAWALL

DUNSBOROUGH

	VEGETATION LINE DEC 2008 AERIAL PHOTOGRAPHY		
	LOW SCENARIO	JULY 1996 STORM EVENT	+0.4m SEA LEVEL RISE 100 YEAR TIME FRAME
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REV#	DATE	AMENDMENT	DRN	DESIGN APPROVAL
C	22/03/2011	AMENDED SETBACKS AND ADDED NOTES	SM	
B	15/02/2011	AMENDED SETBACKS	SM	
A	12/10/2010	INITIAL ISSUE FOR CLIENT REVIEW	SM	

ORIG SIZE	ARCHIVE	PROJECT No
A3	DA-2044-1-1C.dgn	

NOTES

SCALE 1 : 10000

DATUM
VERTICAL N/A

HORIZONTAL MAP GRID OF AUSTRALIA, BASED ON GDA94

ACTION	NAME	SIGNATURE	DATE
ENGINEER	G.McCormack		12/10/2010
DRAWN	S.Mouchemore		12/10/2010
ENGINEERING CHECK	M.Eliot		
CARTOGRAPHY CHECK	G.Bebbington		
APPROVED PROJECT MGR			

Damara WA Pty Ltd

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BUSSELTON SHIRE
VEGETATION LINE AND SETBACKS
DUNSBOROUGH-QUINDALUP

DRAWING NUMBER **DA 2044 - 1 - 1** REV# **C**