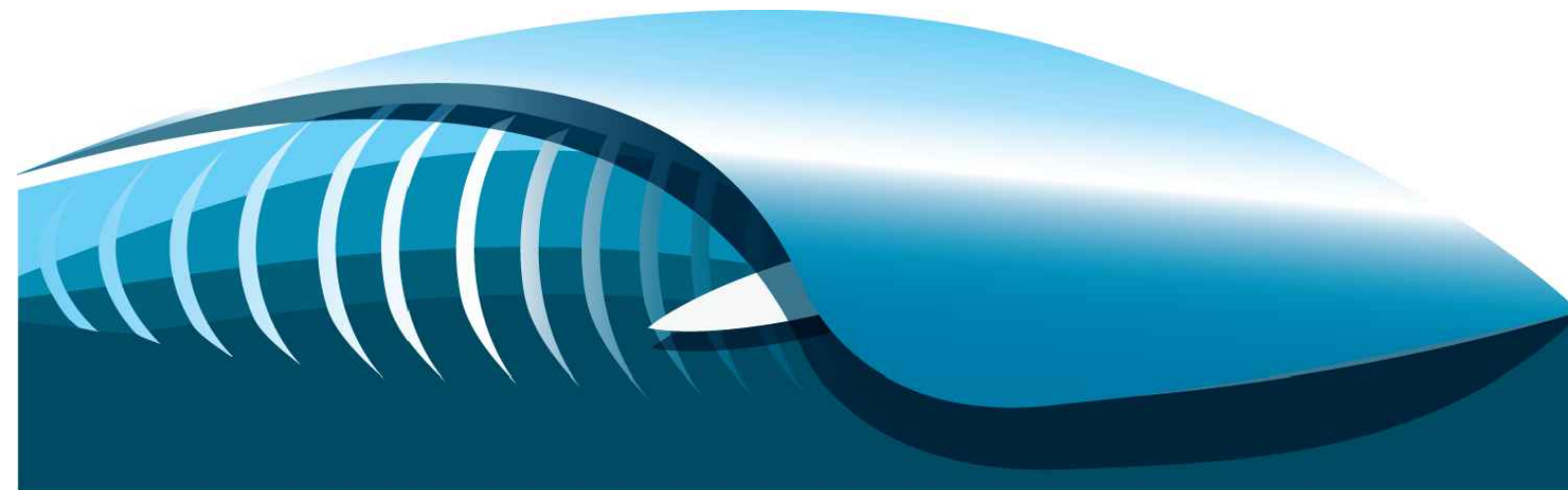


# Proposed Artificial Surf Reef 19th Ave, Palm Beach, Gold Coast




**W A V E B U S T E R S**  
A R T I F I C I A L S U R F R E E F T E C H N O L O G Y

Contact: Shane Abel  
Email: [shane.abel@canopy01.com](mailto:shane.abel@canopy01.com)  
Phone: 0427 564 235



PROPOSED LOCATION PLAN

NOT TO SCALE

CLIENT:	CONTACT: Shane Abel	 WAVEBUSTERS ARTIFICIAL SURF REEF TECHNOLOGY	Rev.	AMENDMENT DESCRIPTION	DATE	PROPOSED ARTIFICIAL SURF REEF 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND LOCATION PLAN		
	PHONE: 0427 564 235		A	ISSUED FOR REVIEW	21-06-2017			
<div><div></div><div>01020304050mm</div><div>PRINT REDUCTION BAR   A3 SHEET</div></div> <div>ALL RIGHTS RESERVED AND SUBJECT TO GLOBAL PATENT. WAVEBUSTERS PTY LTD. ABN 33 602 202 433. NO REPRODUCTION UNLESS WRITTEN CONSENT GIVEN</div>	ADDRESS: 8 Negara Cres, Goodwood TAS 7010							
							SCALE NOT TO SCALE	DRAWING NUMBER: <div>C01</div> REVISION <div>A</div>
							DRAWN ALLAN WISE	





**PROPOSED SITE PLAN**  
APPROXIMATE SCALE 1:5000

CLIENT:

01020304050mm


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CONTACT: Shane Abel

PHONE: 0427 564 235

ADDRESS: 8 Negara Cres,  
Goodwood  
TAS 7010



WAVEBUSTERS  
ARTIFICIAL SURF REEF TECHNOLOGY

Rev.	AMENDMENT DESCRIPTION	DATE
A	ISSUED FOR REVIEW	21-06-2017

PROPOSED ARTIFICIAL SURF REEF  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
SITE PLAN

SCALE    APPROXIMATE 1:5000

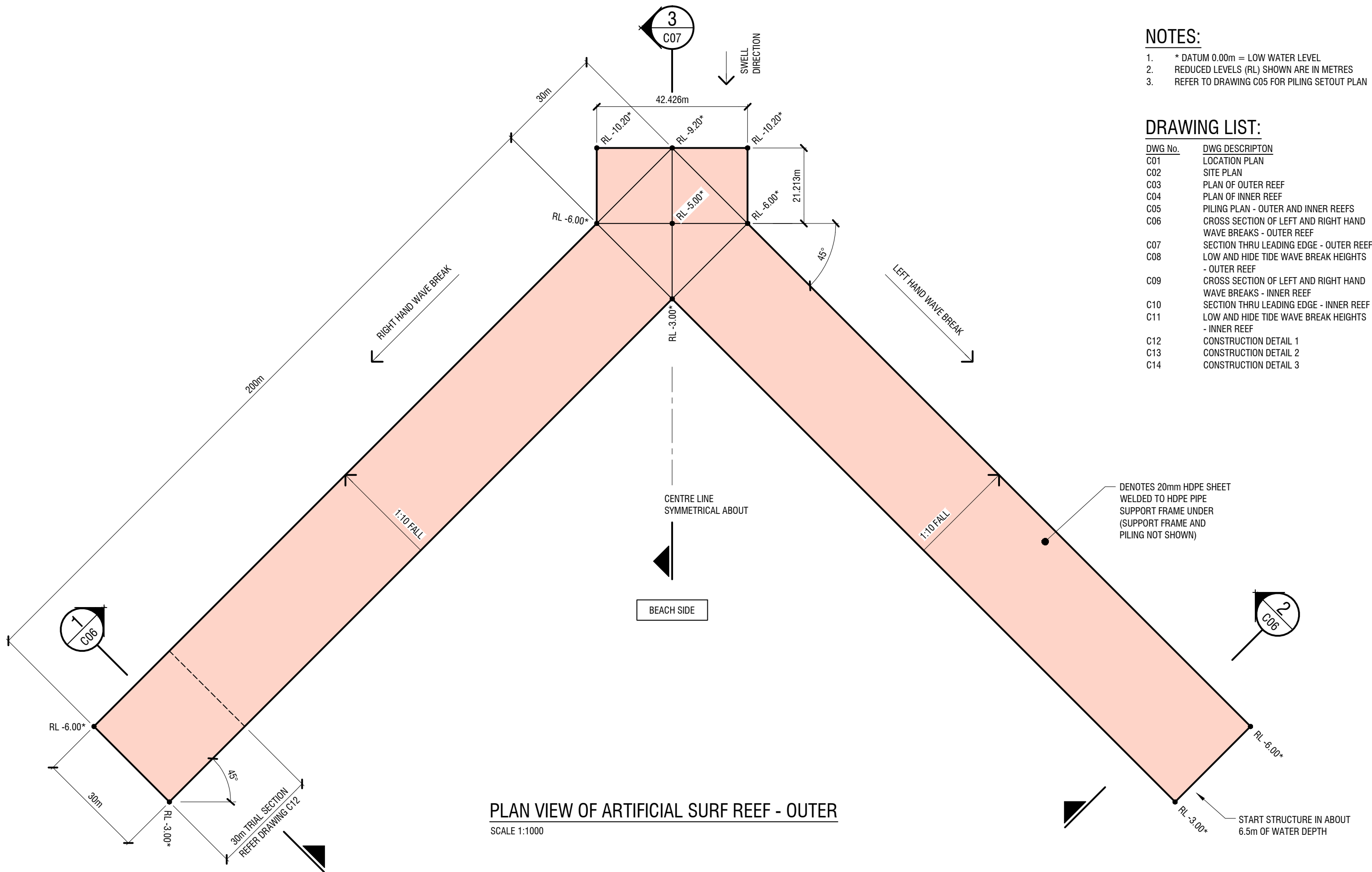
DRAWN    ALLAN WISE

DRAWING NUMBER:

REVISION

C02

A



- NOTES:**
- \* DATUM 0.00m = LOW WATER LEVEL
  - REDUCED LEVELS (RL) SHOWN ARE IN METRES
  - REFER TO DRAWING C05 FOR PILING SETOUT PLAN

DRAWING LIST:	
DWG No.	DWG DESCRIPTION
C01	LOCATION PLAN
C02	SITE PLAN
C03	PLAN OF OUTER REEF
C04	PLAN OF INNER REEF
C05	PILING PLAN - OUTER AND INNER REEFS
C06	CROSS SECTION OF LEFT AND RIGHT HAND WAVE BREAKS - OUTER REEF
C07	SECTION THRU LEADING EDGE - OUTER REEF
C08	LOW AND HIDE TIDE WAVE BREAK HEIGHTS - OUTER REEF
C09	CROSS SECTION OF LEFT AND RIGHT HAND WAVE BREAKS - INNER REEF
C10	SECTION THRU LEADING EDGE - INNER REEF
C11	LOW AND HIDE TIDE WAVE BREAK HEIGHTS - INNER REEF
C12	CONSTRUCTION DETAIL 1
C13	CONSTRUCTION DETAIL 2
C14	CONSTRUCTION DETAIL 3

CLIENT:

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WAVEBUSTERS

ARTIFICIAL SURF REEF TECHNOLOGY

Rev.	AMENDMENT DESCRIPTION	DATE
A	ISSUED FOR REVIEW	21-06-2017

PROPOSED ARTIFICIAL SURF REEF

19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND

PLAN OF OUTER REEF

SCALE 1:1000

DRAWN ALLAN WISE

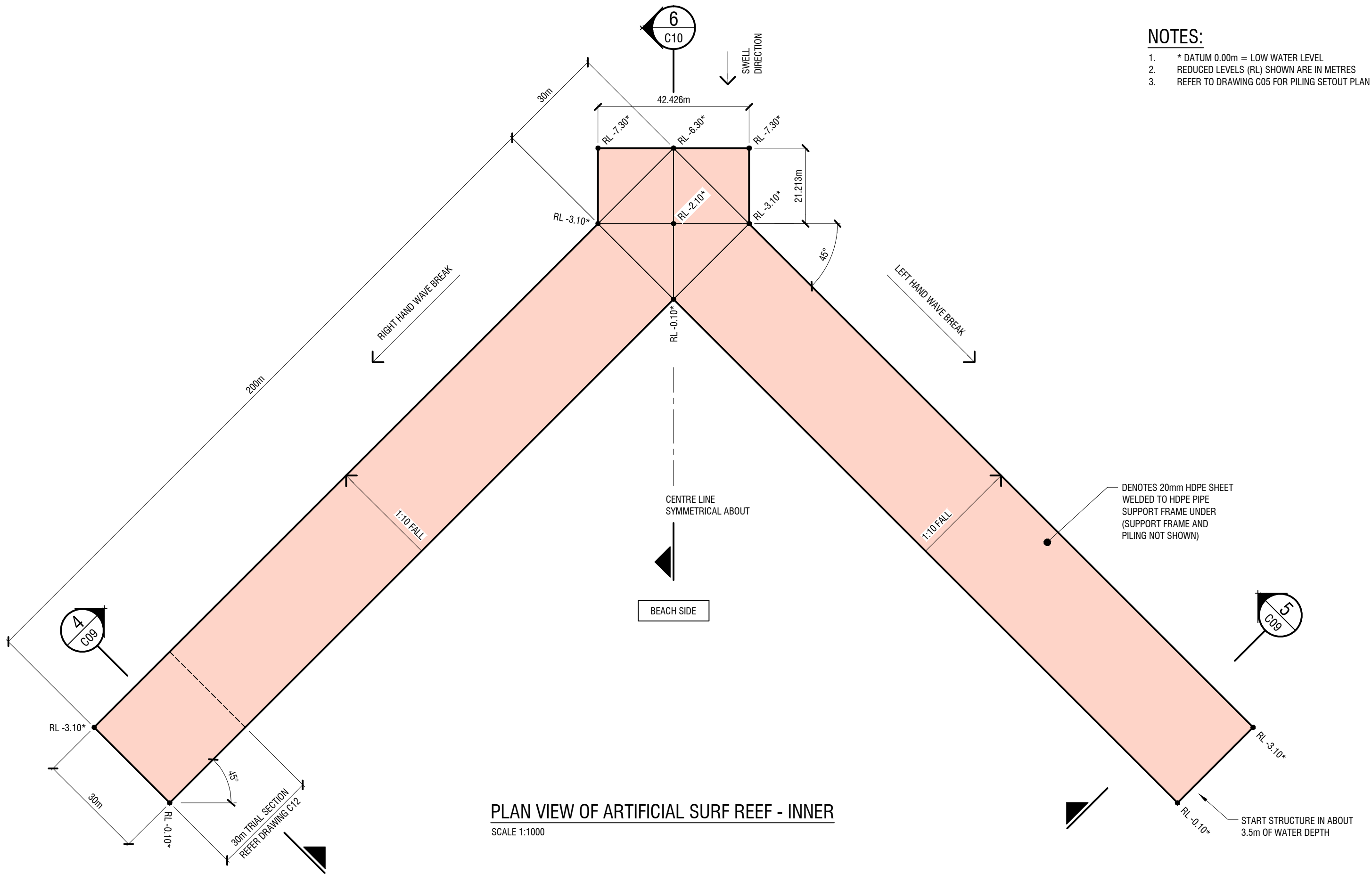
DRAWING NUMBER:

REVISION

C03

A





NOTES:

1. \* DATUM 0.00m = LOW WATER LEVEL
2. REDUCED LEVELS (RL) SHOWN ARE IN METRES
3. REFER TO DRAWING C05 FOR PILING SETOUT PLAN

CLIENT:

0 10 20 30 40 50mm

PRINT REDUCTION BAR | A3 SHEET

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Rev.	AMENDMENT DESCRIPTION	DATE
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PROPOSED ARTIFICIAL SURF REEF  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
PLAN OF INNER REEF

SCALE 1:1000

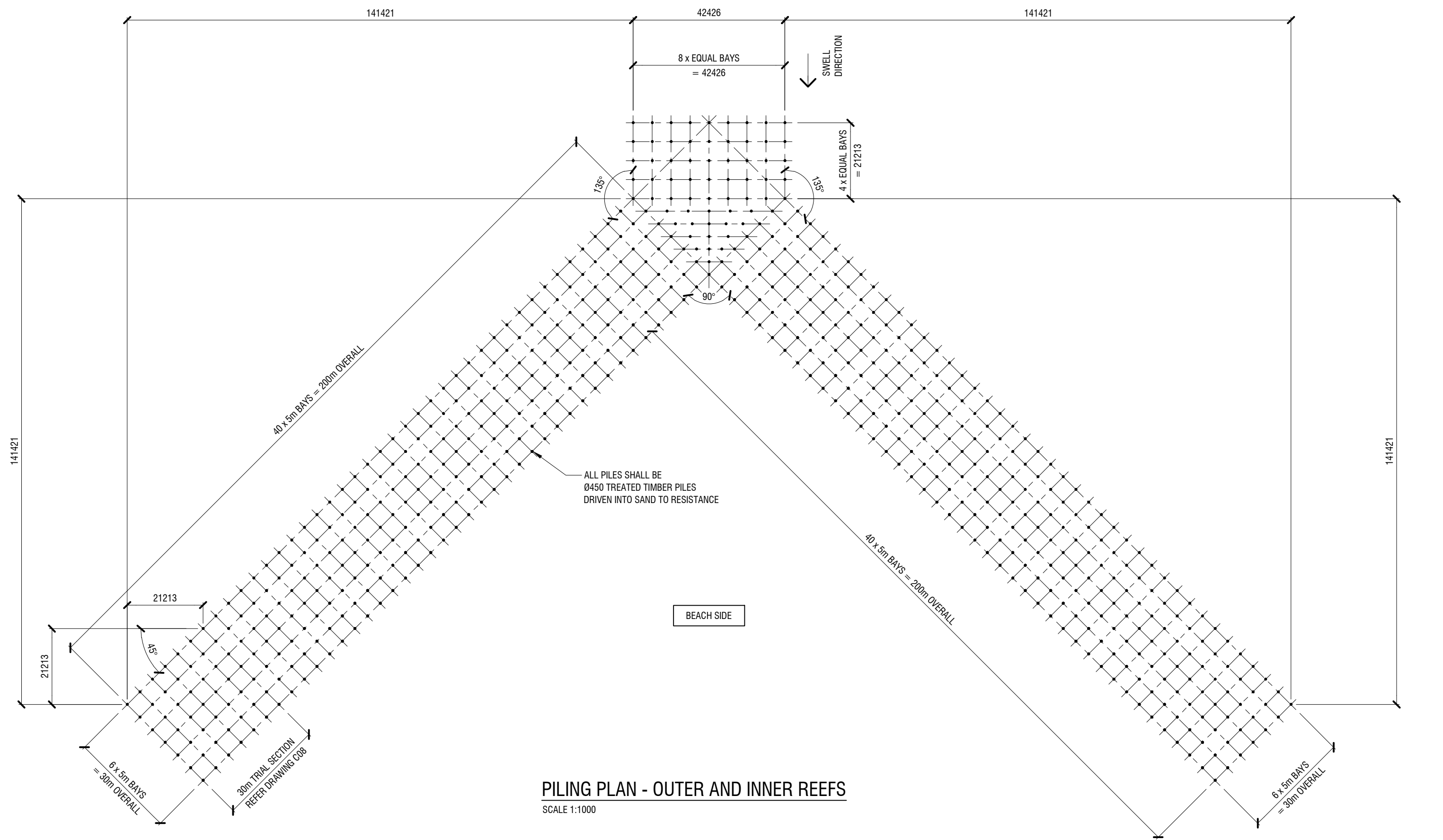
DRAWN ALLAN WISE

DRAWING NUMBER:



C04

REVISION

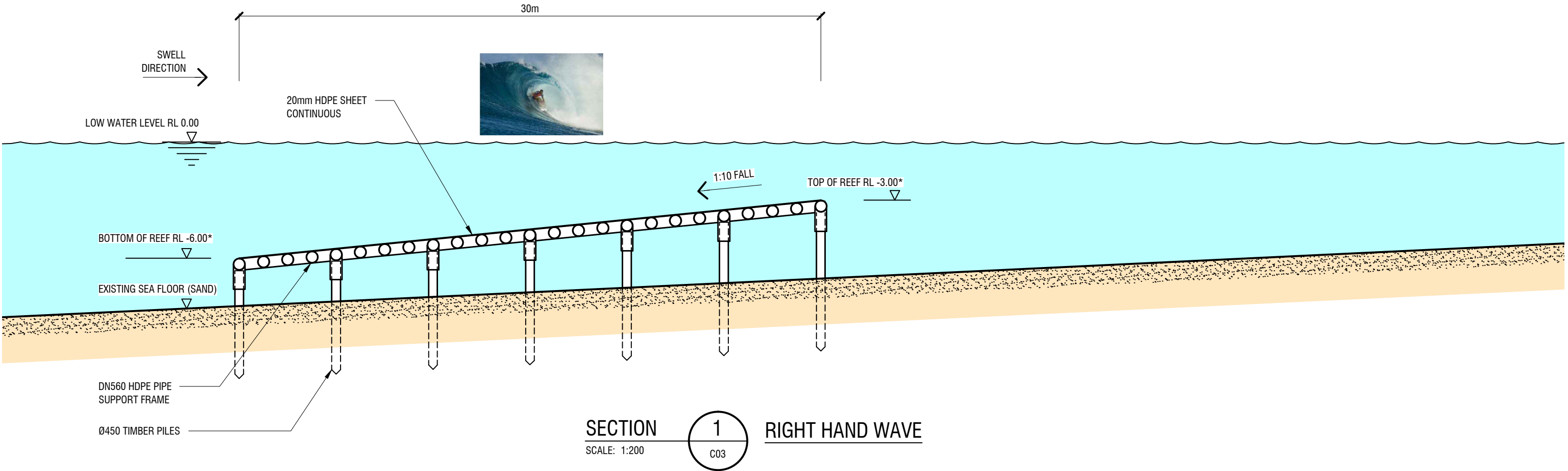
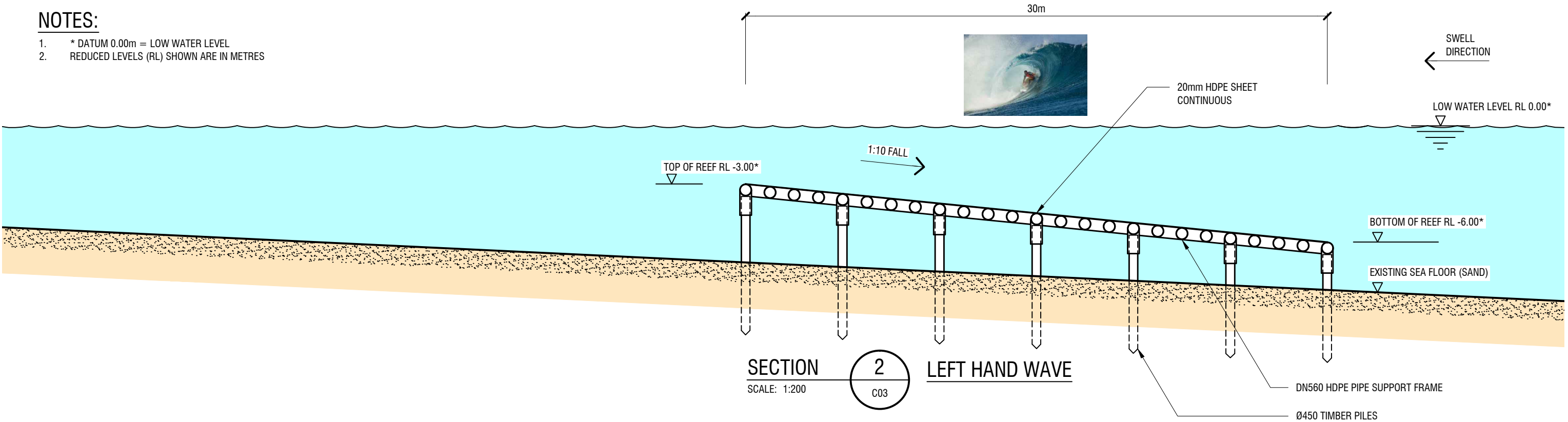
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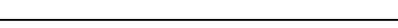


**PILING PLAN - OUTER AND INNER REEFS**  
SCALE 1:1000

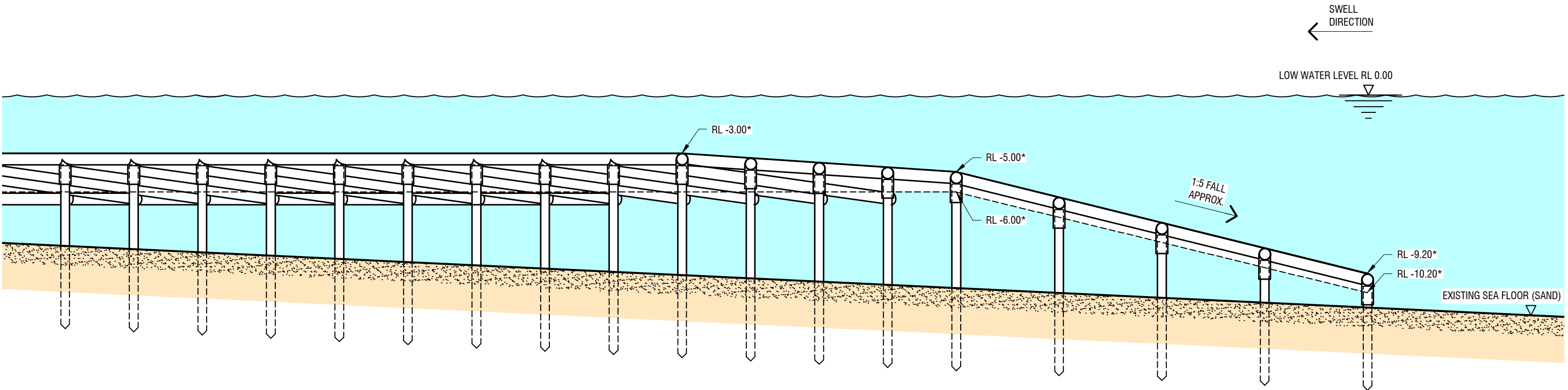
CLIENT:	CONTACT: Shane Abel PHONE: 0427 564 235 ADDRESS: 8 Negara Cres, Goodwood TAS 7010		Rev.	AMENDMENT DESCRIPTION	DATE	<b>PROPOSED ARTIFICIAL SURF REEF</b> 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND <b>PILING PLAN - OUTER AND INNER REEFS</b>				
			A	ISSUED FOR REVIEW	21-06-2017					
 PRINT REDUCTION BAR   A3 SHEET						SCALE	1:1000	DRAWING NUMBER:	<b>C05</b>	REVISION <b>A</b>
						DRAWN	ALLAN WISE			
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- NOTES:
- 1. \* DATUM 0.00m = LOW WATER LEVEL
  - 2. REDUCED LEVELS (RL) SHOWN ARE IN METRES



CLIENT:		CONTACT: Shane Abel		Rev.	AMENDMENT DESCRIPTION	DATE	PROPOSED ARTIFICIAL SURF REEF 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND CROSS SECTION OF LEFT & RIGHT HAND WAVE BREAKS - OUTER REEF	
 PRINT REDUCTION BAR   A3 SHEET		PHONE: 0427 564 235		A	ISSUED FOR REVIEW	21-06-2017		
		ADDRESS: 8 Negara Cres, Goodwood TAS 7010						
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						DRAWN ALLAN WISE	C06	A

- NOTES:
- 1. \* DATUM 0.00m = LOW WATER LEVEL
  - 2. REDUCED LEVELS (RL) SHOWN ARE IN METRES



SECTION 3  
SCALE: 1:200  
C03

CLIENT:

0 10 20 30 40 50mm


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CONTACT: Shane Abel

PHONE: 0427 564 235

ADDRESS: 8 Negara Cres,  
Goodwood  
TAS 7010



WAVEBUSTERS  
ARTIFICIAL SURF REEF TECHNOLOGY

Rev.	AMENDMENT DESCRIPTION	DATE
A	ISSUED FOR REVIEW	21-06-2017

PROPOSED ARTIFICIAL SURF REEF

19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND

SECTION THRU LEADING EDGE - OUTER REEF

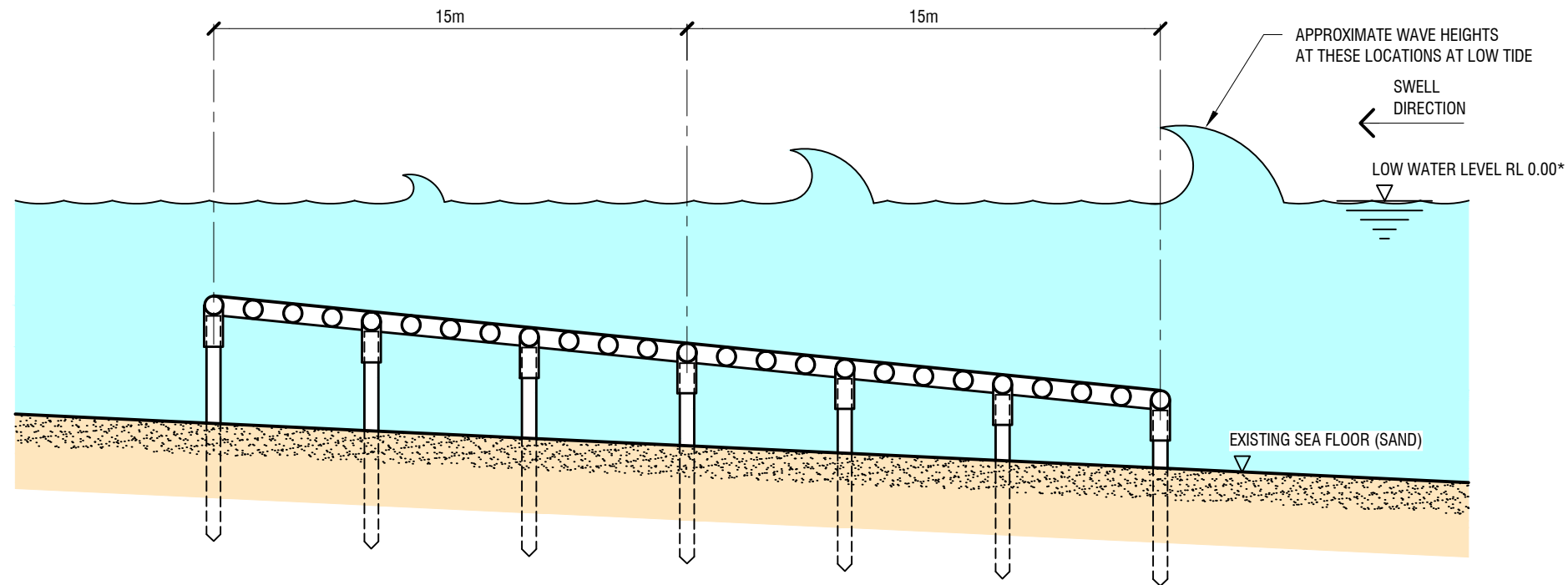
SCALE 1:200

DRAWN ALLAN WISE

DRAWING NUMBER: C07

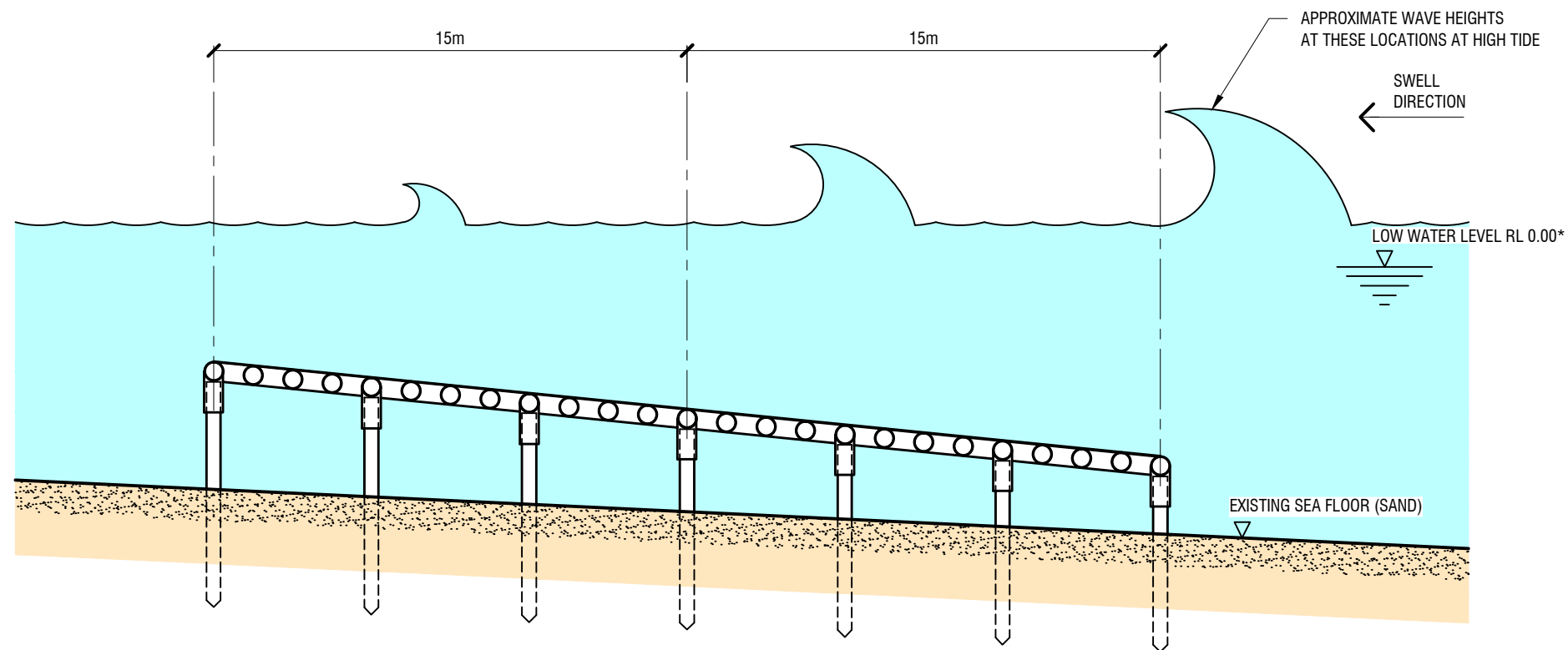
REVISION A





### LOW TIDE WAVE BREAKS - OUTER REEF

SCALE 1:200



### HIGH TIDE WAVE BREAKS - OUTER REEF

SCALE 1:200

### NOTES:

1. \* DATUM 0.00m = LOW WATER LEVEL
2. REDUCED LEVELS (RL) SHOWN ARE IN METRES
3. WAVE BREAK FORMULA:  $1.4 \times \text{WAVE HEIGHT DEPTH}$   
OR 1m WAVE BREAKS IN 1.4m WATER DEPTH

CLIENT:

0 10 20 30 40 50mm

PRINT REDUCTION BAR | A3 SHEET

CONTACT: Shane Abel

PHONE: 0427 564 235

ADDRESS: 8 Negara Cres,  
Goodwood  
TAS 7010



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Rev.	AMENDMENT DESCRIPTION	DATE
A	ISSUED FOR REVIEW	21-06-2017

**PROPOSED ARTIFICIAL SURF REEF**  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
**LOW AND HIDE TIDE WAVE BREAK HEIGHTS - OUTER REEF**

SCALE 1:200

DRAWN ALLAN WISE

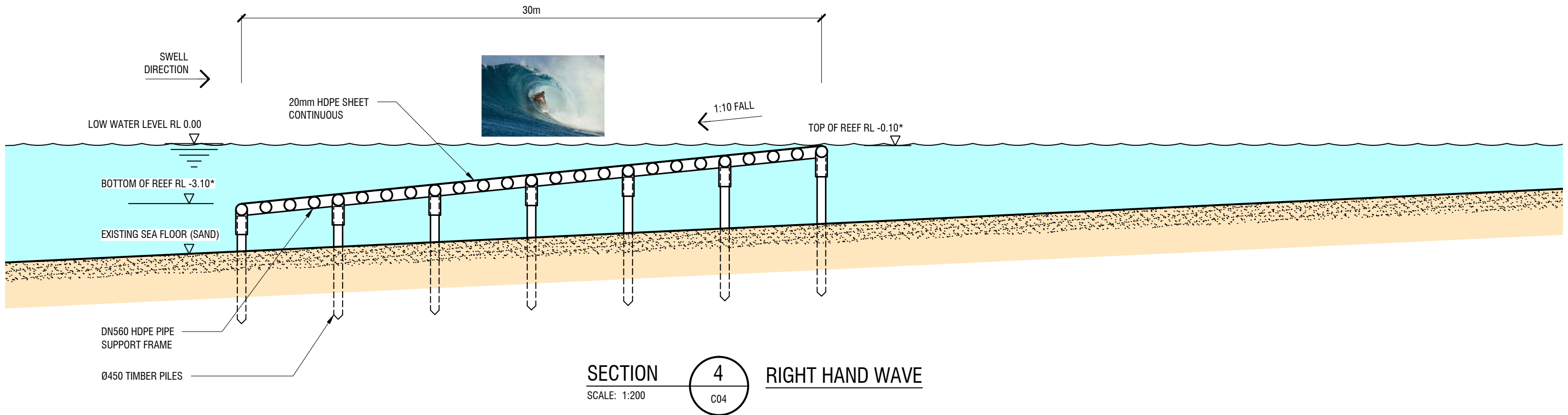
DRAWING NUMBER:



**C08**

REVISION

**A**

1. \* DATUM 0.00m = LOW WATER LEVEL
2. REDUCED LEVELS (RL) SHOWN ARE IN METRES

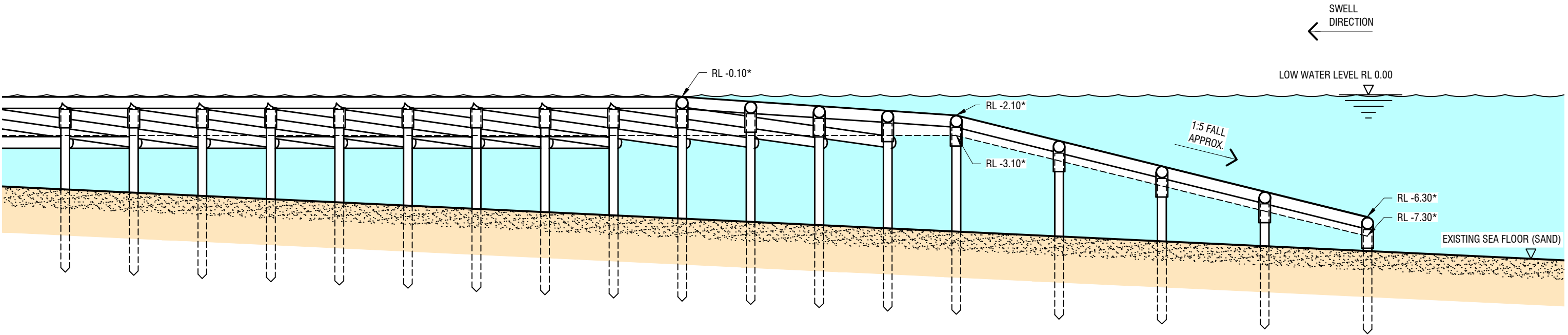


CLIENT:	CONTACT: Shane Abel  PHONE: 0427 564 235  ADDRESS: 8 Negara Cres, Goodwood TAS 7010		Rev.      AMENDMENT DESCRIPTION      DATE		PROPOSED ARTIFICIAL SURF REEF 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND CROSS SECTION OF LEFT & RIGHT HAND WAVE BREAKS - INNER REEF	
			A      ISSUED FOR REVIEW      21-06-2017			
 0      10      20      30      40      50mm PRINT REDUCTION BAR   A3 SHEET						
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					DRAWN      ALLAN WISE	

- NOTES:
1.

\* DATUM 0.00m = LOW WATER LEVEL
2.

REDUCED LEVELS (RL) SHOWN ARE IN METRES



SECTION

6

SCALE: 1:200

C04

CLIENT:

01020304050mm


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CONTACT: Shane Abel

PHONE: 0427 564 235

ADDRESS: 8 Negara Cres,  
Goodwood  
TAS 7010



WAVEBUSTERS  
ARTIFICIAL SURF REEF TECHNOLOGY

Rev.	AMENDMENT DESCRIPTION	DATE
A	ISSUED FOR REVIEW	21-06-2017

PROPOSED ARTIFICIAL SURF REEF  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
SECTION THRU LEADING EDGE - INNER REEF

SCALE 1:200

DRAWN ALLAN WISE

DRAWING NUMBER:

REVISION

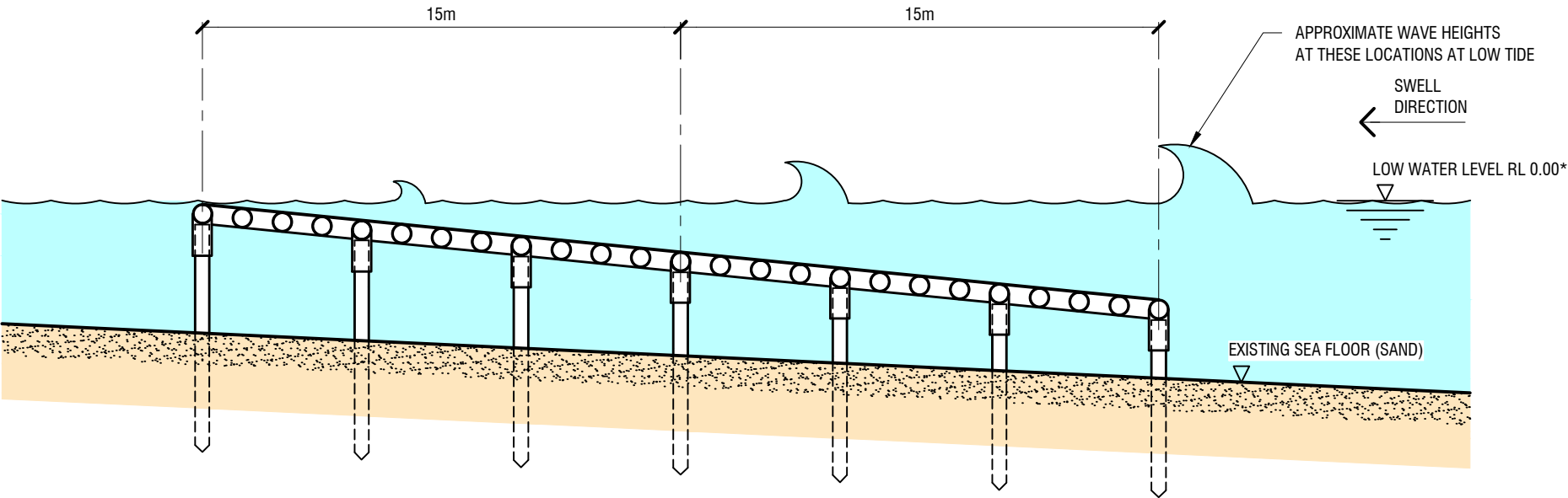
C10

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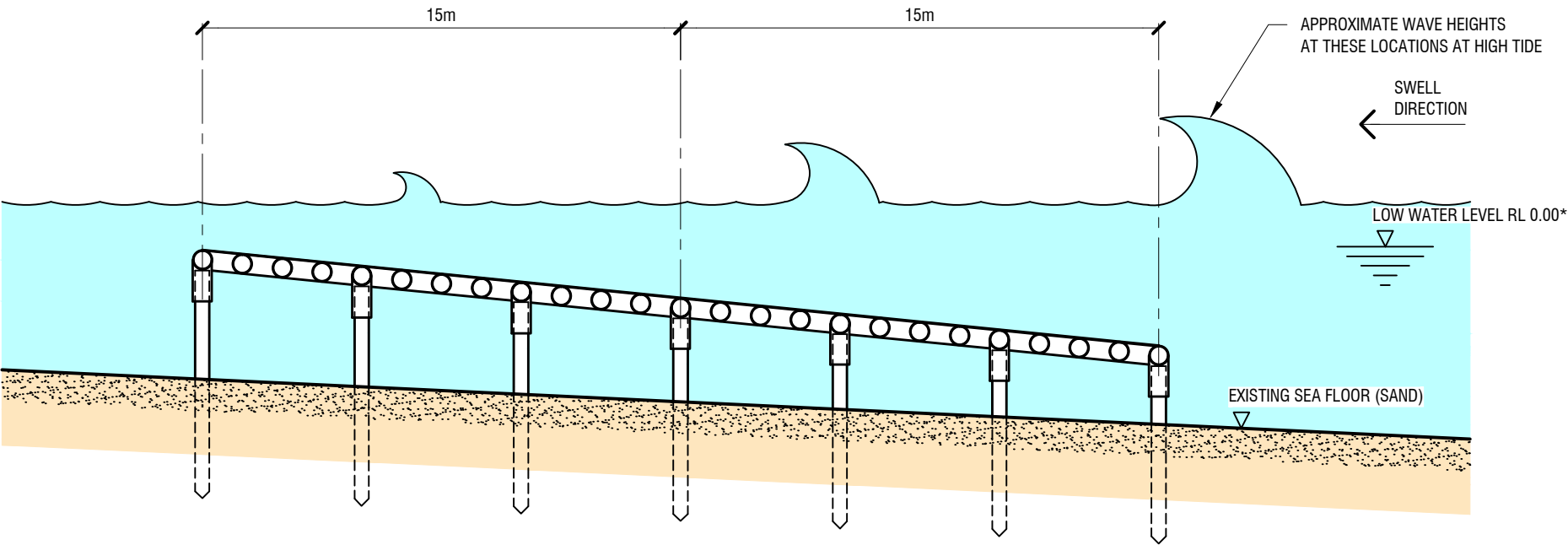
NOTES:

1. \* DATUM 0.00m = LOW WATER LEVEL
2. REDUCED LEVELS (RL) SHOWN ARE IN METRES
3. WAVE BREAK FORMULA: 1.4 x WAVE HEIGHT DEPTH  
OR 1m WAVE BREAKS IN 1.4m WATER DEPTH



LOW TIDE WAVE BREAKS - OUTER REEF

SCALE 1:200



HIGH TIDE WAVE BREAKS - OUTER REEF

SCALE 1:200

CLIENT:

0 10 20 30 40 50mm

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Rev.	AMENDMENT DESCRIPTION	DATE
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PROPOSED ARTIFICIAL SURF REEF  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
LOW AND HIDE TIDE WAVE BREAK HEIGHTS - INNER REEF

SCALE 1:200

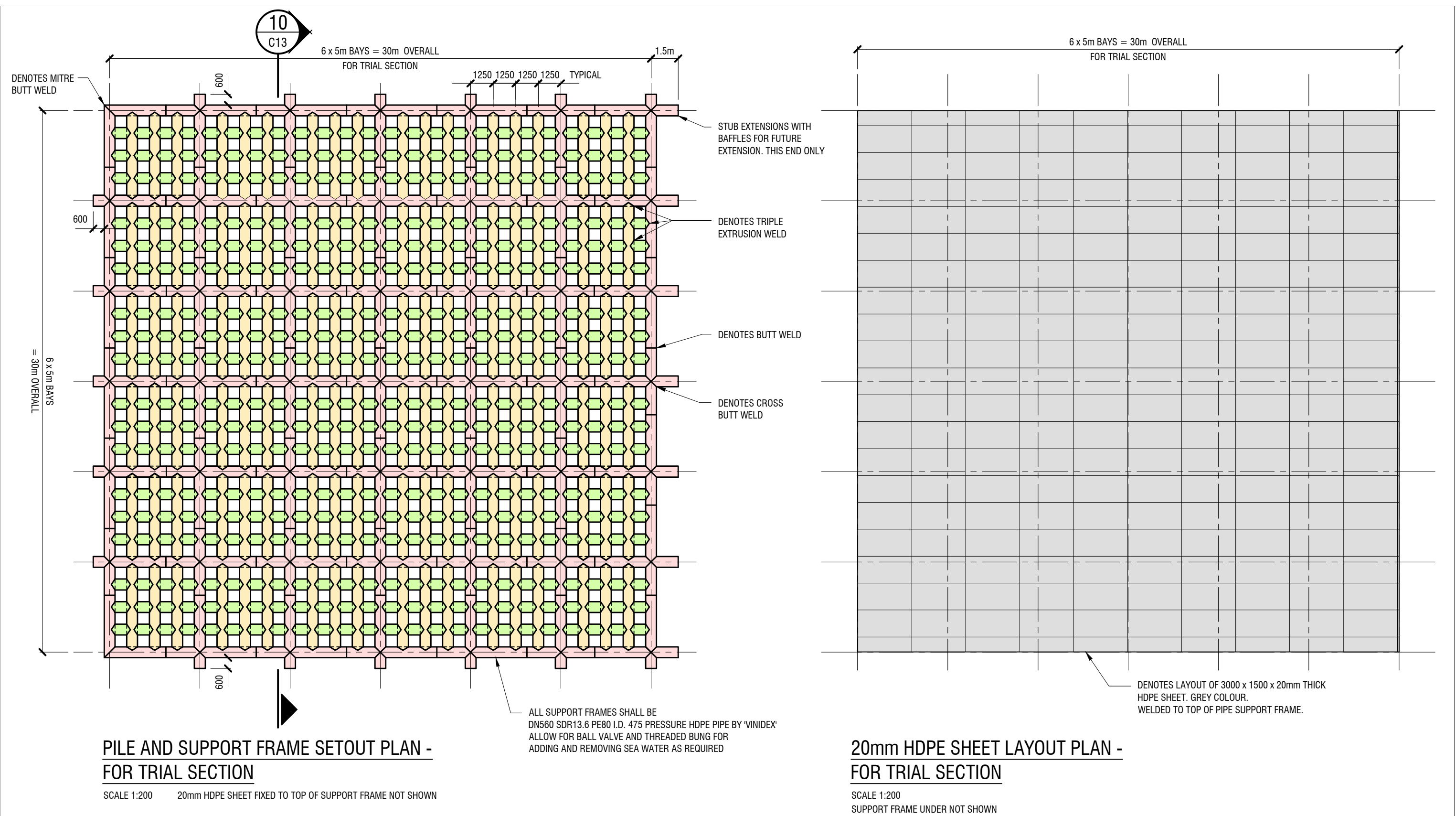
DRAWN ALLAN WISE

DRAWING NUMBER:


C11

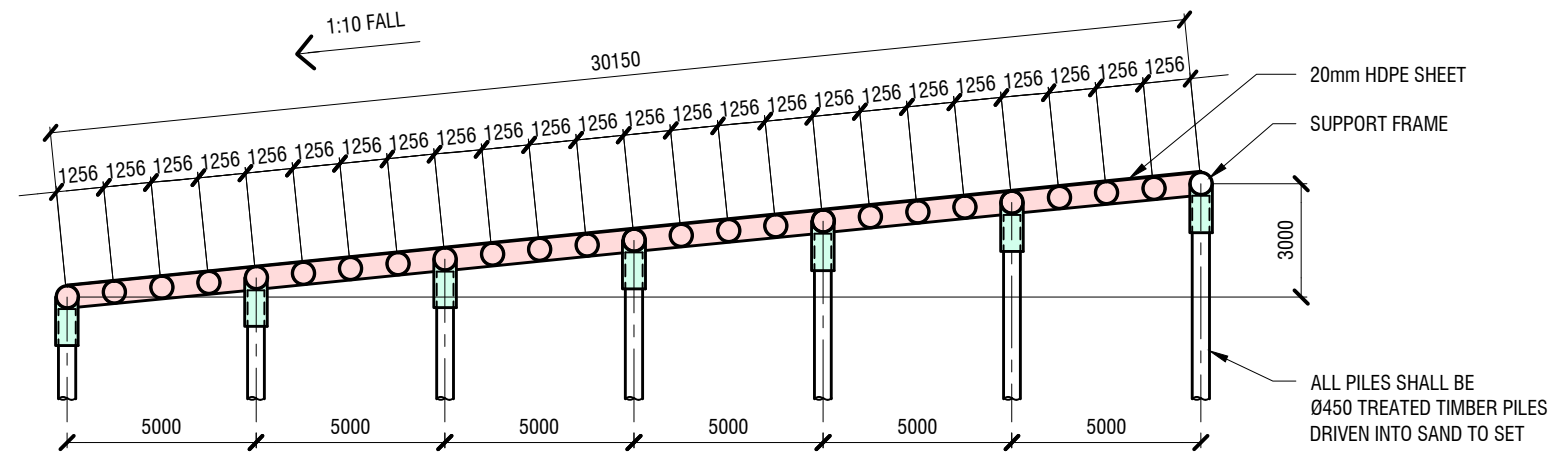
REVISION

A



- NOTES:**
- 1. REFER TO DRAWING C14 FOR TYPICAL CONNECTION DETAILS

CLIENT:	CONTACT: Shane Abel PHONE: 0427 564 235 ADDRESS: 8 Negara Cres, Goodwood TAS 7010		Rev.	AMENDMENT DESCRIPTION	DATE	PROPOSED ARTIFICIAL SURF REEF 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND CONSTRUCTION DETAILS 1		
			A	ISSUED FOR REVIEW	21-06-2017			
0 10 20 30 40 50mm PRINT REDUCTION BAR   A3 SHEET		ALL RIGHTS RESERVED AND SUBJECT TO GLOBAL PATENT. WAVEBUSTERS PTY LTD. ABN 33 602 202 433. NO REPRODUCTION UNLESS WRITTEN CONSENT GIVEN				SCALE 1:200	DRAWING NUMBER: <b>C12</b>	REVISION <b>A</b>
			DRAWN ALLAN WISE					



SECTION 10  
SCALE: 1:200  
C12


CLIENT:

01020304050mm

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WAVEBUSTERS  
ARTIFICIAL SURF REEF TECHNOLOGY

Rev.	AMENDMENT DESCRIPTION	DATE
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PROPOSED ARTIFICIAL SURF REEF  
19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND  
CONSTRUCTION DETAILS 2

SCALE 1:200

DRAWN ALLAN WISE

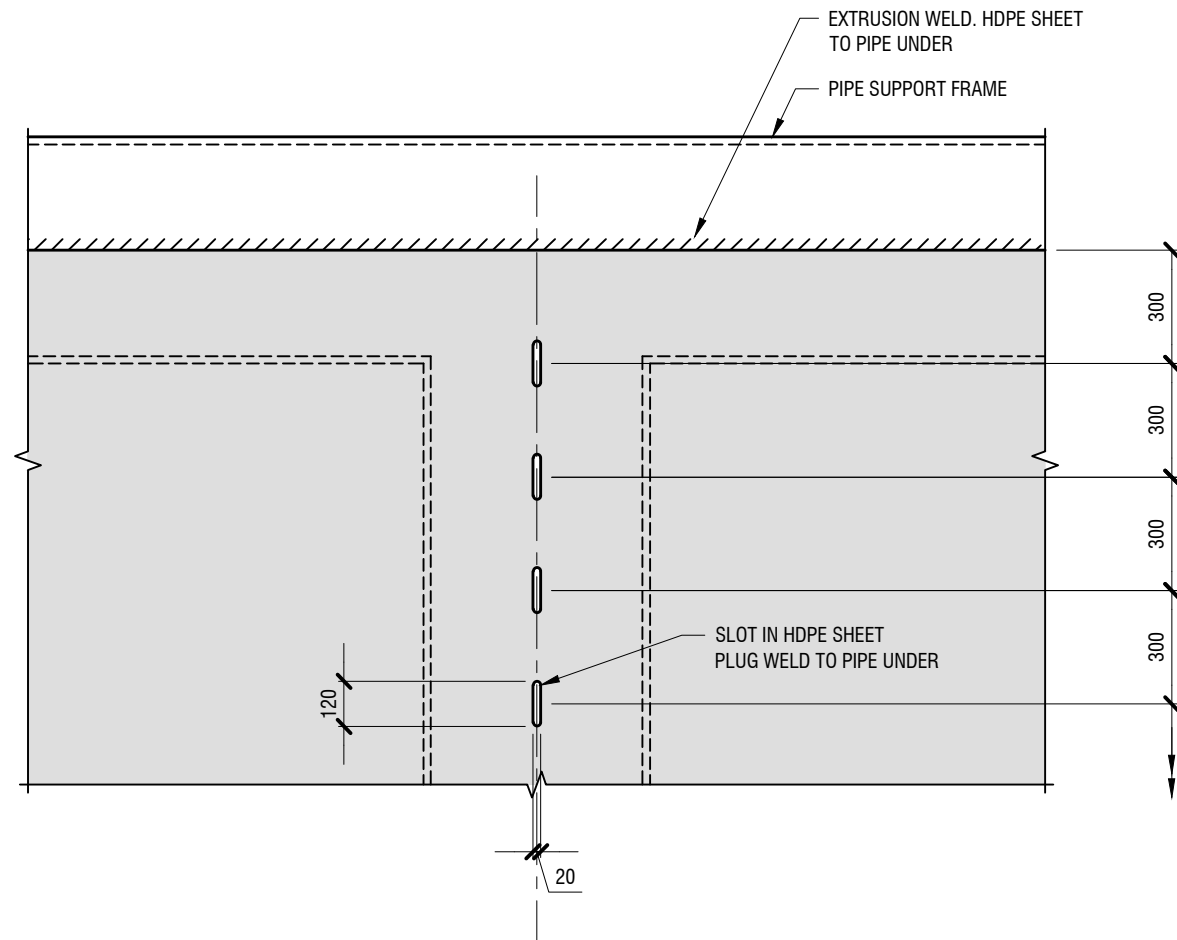
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REVISION

C13

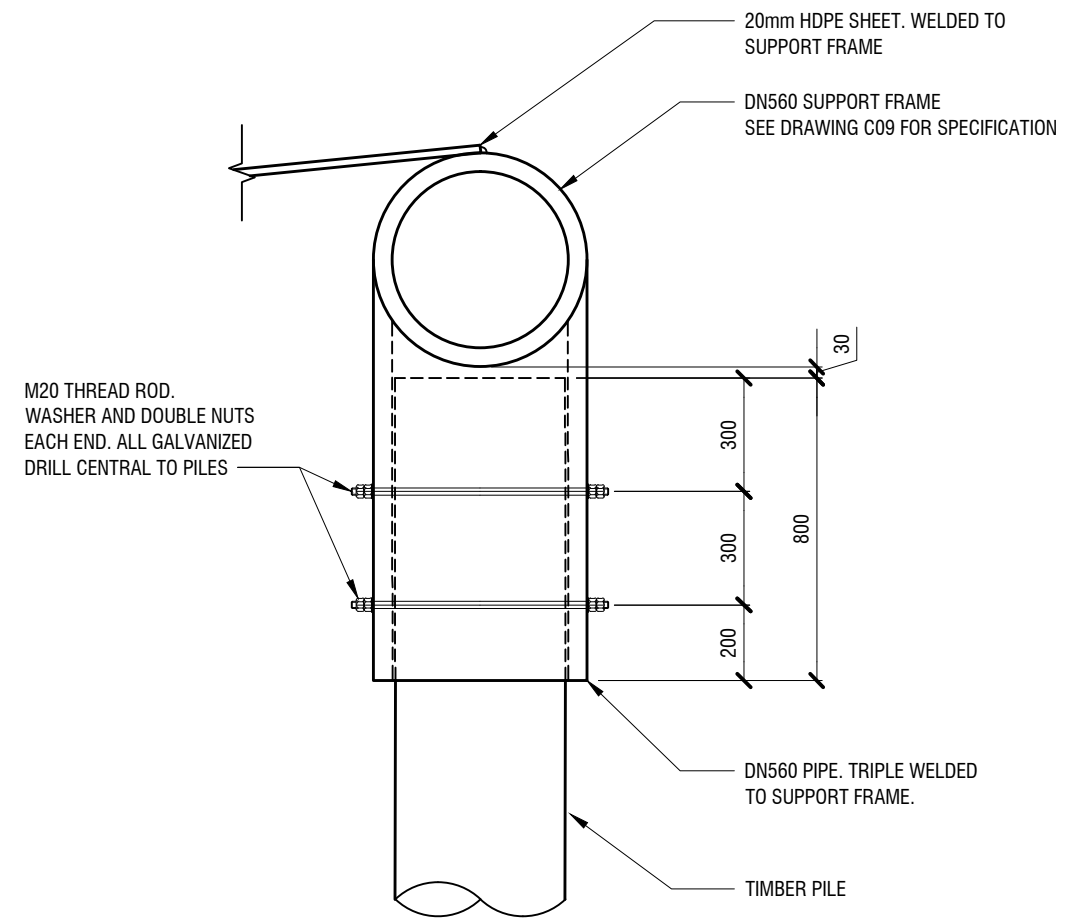
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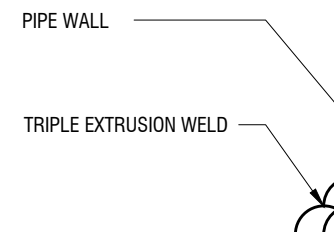
**TYPICAL HDPE SHEET TO SUPPORT FRAME CONNECTION - PLAN VIEW**

SCALE 1:20  
THIS WELD PATTERN REPEATS OVER ENTIRE FRAME




**TYPICAL PILE TO SUPPORT FRAME CONNECTION DETAIL**

SCALE 1:20



**TYPICAL TRIPLE WELD DETAIL**

NOT TO SCALE

CLIENT:		<div>CONTACT: Shane Abel</div> <div>PHONE: 0427 564 235</div> <div>ADDRESS: 8 Negara Cres, Goodwood TAS 7010</div>		Rev. AMENDMENT DESCRIPTION DATE		PROPOSED ARTIFICIAL SURF REEF 19th AVE, PALM BEACH 4221, GOLD COAST, QUEENSLAND CONSTRUCTION DETAILS 3	
<div><div>01020304050mm</div><div>PRINT REDUCTION BAR   A3 SHEET</div></div> <div>ALL RIGHTS RESERVED AND SUBJECT TO GLOBAL PATENT. WAVEBUSTERS PTY LTD. ABN 33 602 202 433. NO REPRODUCTION UNLESS WRITTEN CONSENT GIVEN</div>				A	ISSUED FOR REVIEW		
						SCALE 1:20	DRAWING NUMBER: <div>C14</div> REVISION <div>A</div>
						DRAWN ALLAN WISE	