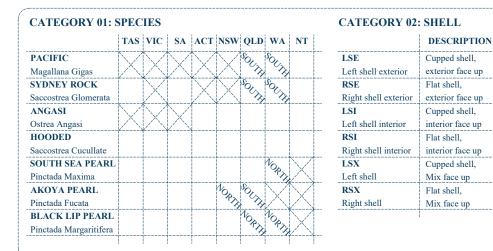
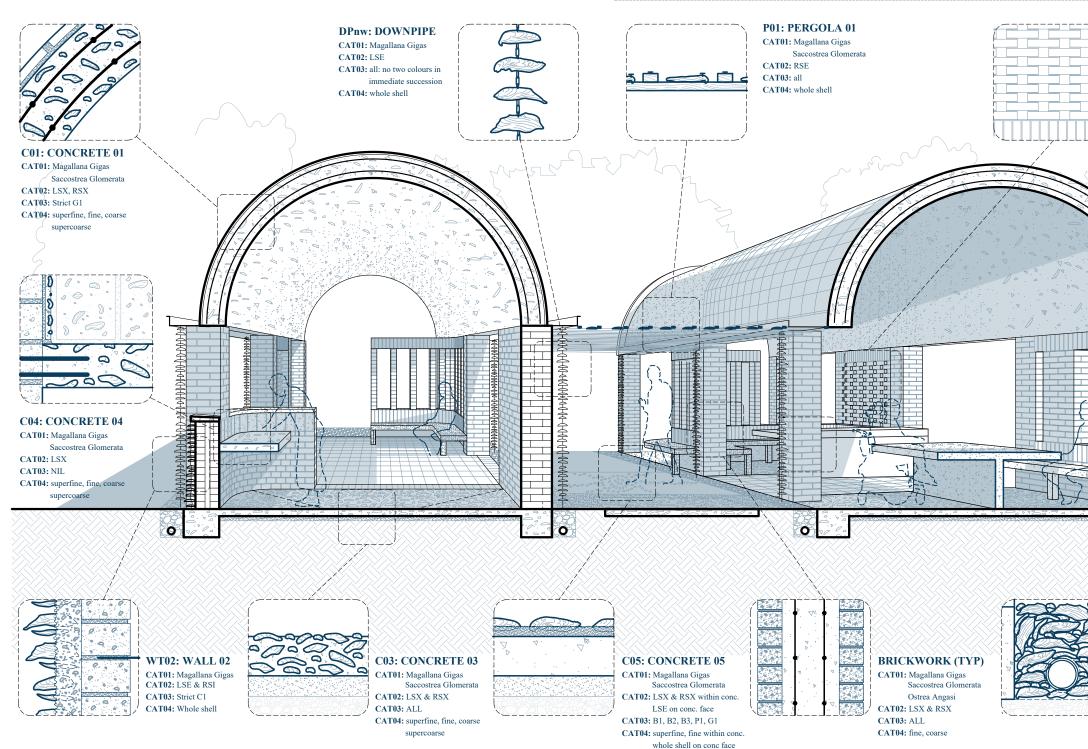
The high demand of oysters has led to an ironic existence: this saltwater mollusc praised for its ability to filter 200L of water a day has become the pollutant itself with an estimated 10 million tonnes of shell waste discarded a vear. most of which ends up in landfills. Historically, shells have played a significant role in construction, but with ovster consumption at an all-time high their use in the construction industry has almost vanished. Emerging organisations are working hard to divert shells from landfill, but this submission explores the return of a centuries-old alternative offering affordable, sustainable and low embodied-energy materials to Australia's construction industry amid rising waste from our ever-increasing appetite. Instead of a single material, this proposal explores the use of oyster shells across the breadth of the construction industry and offer a specification system to ensure high quality solutions can be achieved

Point Lonsdale Oyster Pavilion aims to divert shells from landfill by raising of awareness for shell waste and through the architecture itself. The pavilion, inspired by the form of the Point Lonsdale seawalls, uses oyster shell in every aspect of its materiality using a grading system. Alongside BBQ, fish cleaning and picnic facilities, the pavilion offers a shell recycling drop off in collaboration with Shuck, Don't Chuck and aims to collect shells at the end of their lifecycle to be used in pavilions around Geelong and the Bellarine without increasing their embodied energy further.

## SHELLSHOCKED RESURRECTING AN OBSOLETE CONSTRUCTION MATERIAL TO COMBAT OUR INSATIABLE ADDET **MATERIAL TO COMBAT OUR INSATIABLE APPETITE**





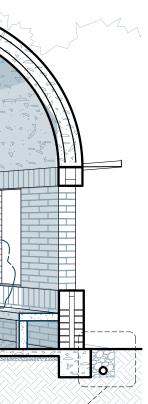
CATEGORY 03: COLOUR		CATEGORY 04: SIZE	
	COLOURING		DESC
C1	Majority cream, minimal to no purple	SF	0.5-1.00
<b>S1</b>	Majority cream, purple stripes	Superfine shell	
<b>S2</b>	Striped, even purple & cream	F	1.0-2.00
<b>S</b> 3	Majority purple, cream stripes	Fine shell	
<b>S4</b>	Majority purple, cream pin stripes	С	2.0-4.0
<b>B1</b>	Blotched, majority cream	Coarse shell	
<b>B2</b>	Blotched, even distribution	SC	4.0cm+
<b>B3</b>	Blotched, majority purple	Super coarse shell	
<b>P1</b>	Majority purple, minimal to no cream	W	Whole
<b>G1</b>	Any green colouring	Whole shell	
T1	Tan		1
L1	Black, high presence of white dots		
L2	Black, low presence white dots		
L3	Black, minimum to no dots	SPECIFYING S	
			INC C

	DESCRIPTION
SF	0.5-1.0cm fragments
Superfine shell	
F	1.0-2.0cm fragments
Fine shell	
С	2.0-4.0cm fragments
Coarse shell	
SC	4.0cm+ fragments
Super coarse shell	
W	Whole shell unbroken
Whole shell	

HELLS: A GRADING SYSTEM



WT08: WALL 08 CAT01: Magallana Gigas Saccostrea Glomerata Ostrea Angas CAT02: LSX & RSX CAT03: ALL CAT04: fine, coarse





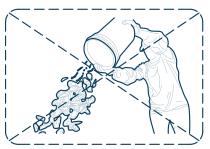
G01: GRAVEL 01 CAT01: Magallana Gigas Saccostrea Glomerat Ostrea Angasi CAT02: LSX & RSX CAT03: ALL CAT04: coarse, supercoarse whole shell



HARVESTED FROM FARM



**DELIVERED & SERVED** 



**LANDFILLED PROCESSED & CURED** 



**RECYCLED TO THE** CONSTRUCTION INDUSTRY