

9 April 2021

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Revision: 4

## **HUGOS MANLY – EXTENSION OF ALFRESCO DINING AREA**

### **Substructure Concept**

Dear Sir,

A concept design of substructure alterations has been undertaken by Consult Marine. The concept is presented in the attached sketch 0162-102 Issue C.

We trust the above is self-explanatory, please do not hesitate to contact the undersigned if you have any queries.

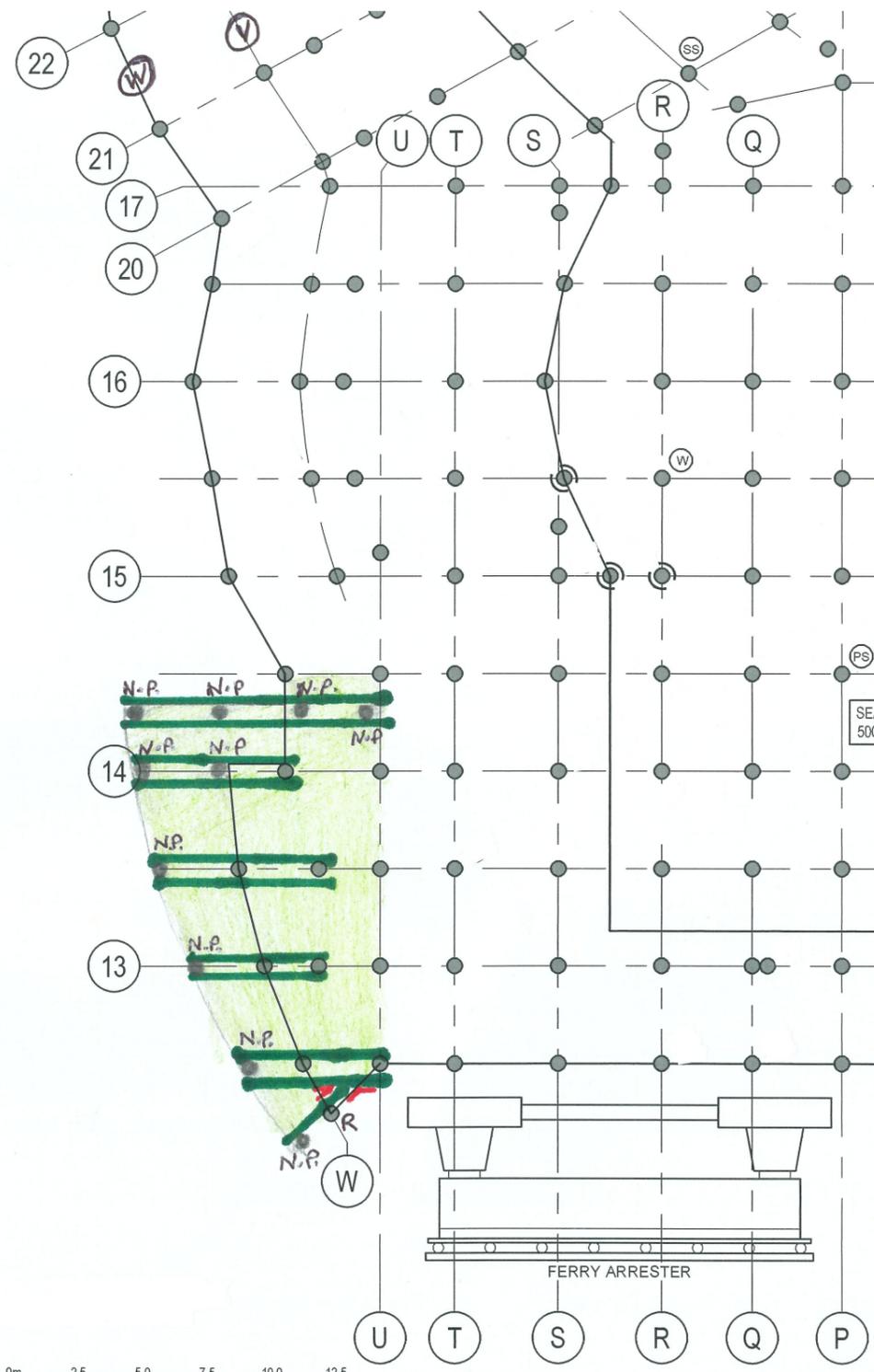
Yours faithfully,



Simon Batt  
Consult Marine Pty Ltd  
Principal  
0413 461 540

**Attached:**

Concept Sketch 0162-102 Issue C



**LEGEND:**

KEY	QTY	DESCRIPTION
	11	300 x 100 F22 TIMBER CAPWALE
	2	STEEL BRACKET
N.P.	10	NEW PILE - F22 TURPENTINE TIMBER, $\phi$ 300 TOE WITH BARK INTACT
R.P.	-	REPLACE PILE - REMOVE EXISTING AND REPLACE WITH NEW PILE
	1	REPAIR OR REPLACE PILE
	-	MINIMUM AREA OF DECKING REPLACEMENT NEEDED FOLLOWING SUBSTRUCTURE WORK

**NOTES:**

**LIVE LOAD:**  
4kPa UNIFORMLY DISTRIBUTED LOAD, OR,  
4.5kN POINT LOAD

**STRINGERS (NOT SHOWN):**  
225x100 F17 HARDWOOD (1.4m MAX CTS) - MATCH EXISTING

**DECKING (NOT SHOWN):**  
50x200 F22 HARDWOOD. DRESSED THREE SIDES.  
SAWN SIDE FACING UP & HEART-SIDE DOWN

LIMIT MASS OF SOIL & STRUCTURE WITHIN PLANTER BOXES  
TO CONFORM TO DESIGN LIVE LOAD LIMITS

**CONCEPT PLAN - SUBSTRUCTURE LAYOUT**

SCALE 1:250 (A3)

PRELIMINARY  
NOT FOR CONSTRUCTION

Issue	Description	Date	Drawn	Approved
C	REVISED LAYOUT	09.04.21	SDB	SDB
B	DRAWING TITLE AMENDED	04.07.20	SDB	SDB
A	ISSUED FOR DISCUSSION	27.02.20	JCO	SDB

North

Produced by:

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Client:

Orig Sheet: A3  
Designed: JCO  
Drawn: JCO  
Checked: SDB

HUGO'S MANLY  
Project:  
MANLY WHARF  
EXTENSION OF ALFRESCO DINING AREA

Drawing Name:  
SUBSTRUCTURE LAYOUT CONCEPT PLAN  
NEW PILES AND CANTILEVERS  
Dwg. No.: 0162-102  
Issue: C