

BMYS - Safe Harbour  
Project

Appendix E

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**Progression of design  
options**



- NOTES:**
- MARINA - 100 BERTH**
    - ARM A
      - 4 x 8m BERTHS
      - 16 x 10m BERTHS
    - ARM B
      - 8 x 6m BERTHS
      - 32 x 8m BERTHS
    - ARM C
      - 8 x 6m BERTHS
      - 16 x 8m BERTHS
    - ARM D
      - 8 x 6m BERTHS
      - 8 x 8m BERTHS
      - 4 x 10m BERTHS
      - 20 x 12m BERTHS
    - ARM E
      - SEWERAGE PUMP-OUT BERTHS
      - PUBLIC ALONGSIDE BERTHS
    - ARM F
      - 8 x 6m BERTHS
      - 22 x 10m BERTHS
      - 10 x 15m BERTHS
    - ARM G
      - 8 x 6m BERTHS
      - 8 x 10m BERTHS
  - ROCK BREAKWATER**
    - CONSTRUCTED OF CORE MATERIAL, SECONDARY ARMOUR AND ARMOUR LAYERS
    - CREST WIDTH = 3.5m
    - BREAKWATER LENGTH = 285 Ln
  - BOAT RAMP**
    - BOTH EXISTING TWO LANE BOAT RAMPS TO BE DEMOLISHED
    - NEW THREE LANE BOAT RAMP TO BE DEMOUNTABLE AND CONSTRUCTED WITHIN MARINA STRUCTURE
    - TWO NEW FLOATING PONTOON JETTIES ADJACENT TO NEW RAMP TO BE BOAT HOLDING STRUCTURES TO IMPROVE RAMP EFFICIENCY
    - RIGGING AND DE-RIGGING AREAS ESTABLISHED
  - RECLAMATION OF LAND**
    - APPROX AREA OF LAND RECLAMATION = 26,000 sqm
  - ROAD ACCESS**
    - ACCESS TO BPHYS TO BE GAINED FROM BEACH ROAD ONLY
    - ACCESS ROAD TO REMAIN AS PER EXISTING ARRANGEMENT
    - EXISTING JETTY MAY BE SHORTENED AT LANDWARD END TO INCREASE AREA FOR CAR PARKING
  - BOAT RAMP PARKING**
    - EXISTING CAR & TRAILER PARKING = APPROXIMATELY 32 SPACES
    - REQUIREMENT FOR URBAN BOAT RAMP WITH RIGGING AREAS = 60 SPACES/RAMP
    - TRAILER AND CAR SPACES REQUIREMENT = 188
    - CAR & TRAILER SPACES ADJACENT TO CLIFF FACE OFFSET 5.8m MINIMUM FOR SAFETY
  - CAR PARKING**
    - EXISTING CAR PARKING CAPACITY = 35 SPACES
    - REQUIREMENT FOR MARINA = 132
    - REQUIREMENT FOR CLUBHOUSE = 188
    - MARINA AND CLUBHOUSE PARKING IS SHARED BASED ON EFFICIENCIES GAINED FROM CONSOLIDATION OF SHARED PARKING THROUGH MULTIPLE USES (WAIVE 50% OF MARINA SPACES)
    - CAR SPACES = 240
  - PUBLIC PEDESTRIAN ACCESS**
    - ACCESS TO FORESHORE TO REMAIN
    - PUBLIC PATH ON SEAWARD EDGE OF LAND RECLAMATION

**PRELIMINARY**

C	MINOR DRAWING AMENDMENT	CEN	*NOT	*NOT	10.07.07
B	AMENDMENTS TO BOAT RAMP & PARKING LAYOUT	CEN	*NOT	*NOT	10.04.07
A	FOR DISCUSSION	CEN	*NOT	*NOT	0.03.07
Rev	Revised	Rev	Checked	Approved	Date



**GHD** CLIENTS | PEOPLE | PERFORMANCE

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**DO NOT SCALE**

Drawn	C. MANZORB	Designed	C. MANZORB
Checked		Design	
Approved			
Client			
Scale	AS SHOWN		

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**BEAUMARIS MOTOR YACHT SQUADRON  
 PRE-FEASIBILITY STUDY  
 200-BERTH MARINA & BOAT RAMP CONCEPT  
 DESIGN OPTION #1**

Project Title: **200-BERTH MARINA & BOAT RAMP CONCEPT DESIGN OPTION #1**

Revision: **A1** Drawing No: **31-19450-K009** Rev: **C**

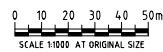


1. CLUB HOUSE
2. TWO LEVEL CAR PARK
3. CAR AND TRAILER PARK
4. FUEL SUPPLY
5. SEWERAGE PUMPOUT UNIT
6. THREE LANE BOAT RAMP
7. DRY STACK, 3 HIGH, 108 BOATS
8. DRY STACK LAUNCH AREA
9. DRY STACK OFFICE
10. BOAT WASH DOWN/DERIGGING AREA
11. BOAT RIGGING AREA
12. MARINA, 112 BOATS
13. PUBLIC ACCESS TRACK
14. PUBLIC VIEWING AREA
15. MW STORMWATER DRAIN EXTENSION
16. NAVIGATION BEACONS

MARINA BERTH MIX	
BOAT LENGTH	NO. OF BERTHS
8m	44
10m	36
12m	18
15m	10
18m	8
<b>TOTAL</b>	<b>116</b>

**CONCEPT**

No	Revision	Note: * indicates signatures on original issue of drawing or last revision of drawing	Drawn	Checked	Approved	Date
C	REVISED MARINA LAYOUT		CEM	*RDT	*RDT	17.03.08
B	BERTH MIX TABLE ADDED		CEM	*RDT	*RDT	07.02.08
A	PRELIMINARY ISSUE		CEM	*RDT	*RDT	31.01.08



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Drawn	C. MASTERS	Designed	C. MASTERS
Drafting Check		Design Check	
Approved			
Date			
Scale	AS SHOWN		

This Drawing must not be used for Construction unless signed as Approved

Original Size  
**A1 Drawing No: 31-19450-K002**

Rev: C



1. CLUB HOUSE
2. CAR PARK, 80 SPACES
3. CAR AND TRAILER PARK, 87 SPACES
4. WATERFRONT BOARDWALK
5. FUEL SUPPLY
6. SEWERAGE PUMPOUT UNIT
7. THREE LANE BOAT RAMP
8. DRY STACK, 3 HIGH, 72 BOATS
9. DRY STACK LAUNCH AREA
10. DRY STACK OFFICE
11. BOAT WASH DOWN/DERIGGING AREA
12. FISH CLEANING AREA
13. MARINA, 112 BOATS
14. PUBLIC ACCESS TRACK
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CONCEPT

No.	Revision	Date	By	Checked	Approved	Date
A	PRELIMINARY ISSUE		CEN	TRT	TRT	25/08/08



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Checked		Design	
Approved		Check	
Date			
Scale	AS SHOWN		

Client **BEAUMARIS MOTOR YACHT SQUADRON**  
 Project **BMYS REDEVELOPMENT**  
 Title **PROPOSED CONCEPT DESIGN #2**


Sheet No. **A1** Drawing No. **31-19450-K004**


Rev. A

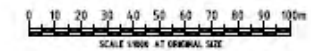





### LEGEND:

1. CLUB HOUSE
2. CAR PARK - 78 No. SPACES
3. CAR AND TRAILER PARK - 90 No. SPACES
4. WATERFRONT BOARDWALK
5. FUEL SUPPLY
6. SEWERAGE PUMPOUT UNIT
7. THREE LANE BOAT RAMP
8. DRY STACK - 3 HIGH - 78 No. BOATS
9. DRY STACK LAUNCH AREA
10. DRY STACK OFFICE
11. BOAT WASH DOWN/UNDERDIGGING AREA
12. FISH CLEANING AREA
13. MARINA - 120 No. BOATS
14. PUBLIC ACCESS TRACK
15. PUBLIC VIEWING AREA
16. MW STORMWATER DRAIN EXTENSION
17. NAVIGATION BEACONS
18. KIOSK & ALFRESCO AREA

 BMYS REVISION 5.0 = 4,201.58 m<sup>2</sup>

 CURRENT TOTAL AREA = 14,676.50 m<sup>2</sup>



 Richard Mobin & Associates P/L 256 Beaulieu Rd Beaumaris VIC 3192	APPROVED BY: _____ DATE: _____ REV: _____	APPROVED BY: _____ DATE: _____ REV: _____	ARCHITECTS DETAILS:  Richard Mobin & Associates P/L A.S.N. 26 020 872 420 Level 1, 80 Abel Road South Melbourne VIC 3207 Telephone: (03) 9599 9099 Fax: (03) 9599 9090 Email: rmobin@richardmobin.com.au		CLIENT: <b>BEAUMARIS MOTOR YACHT SQUADRON</b>	DRAWING TITLE: <b>PROPOSED CONCEPT PLAN</b>
	PROJECT: <b>BMYS REDEVELOPMENT</b> AT: BEACH ROAD, BEAUMARIS, VICTORIA.	DATE: 1/10/2015 DRAWING NO: SK4	PROJECT NO: _____ DRAWING NO: SK4 DATE: 2015	PROJECT NO: _____ DRAWING NO: SK4 DATE: _____	PROJECT NO: _____ DRAWING NO: SK4 DATE: _____	PROJECT NO: _____ DRAWING NO: SK4 DATE: _____



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  18. KIOSK & ALFRESCO AREA

BMYS REVISION 5.0 = 4,186.78 m2

CURRENT TOTAL AREA = 14,516.27 m2



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