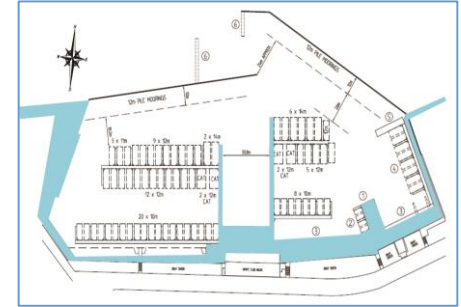


The Clyde Quay Boat Harbour Restoration Project

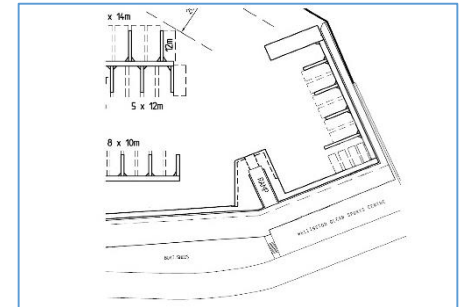
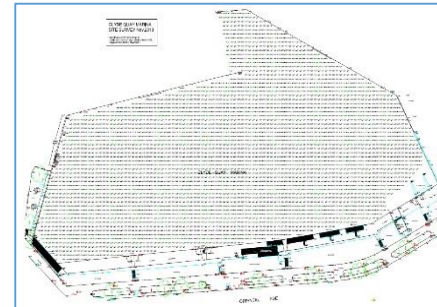
Transport & Urban Development Committee

- New Public Space for Wellington
- New Amenities for Wellington



Community Sports & Recreation Committee

- Clyde Quay Marina Upgrade
- Wellington Ocean Sports Centre



Economic Growth & Arts Committee

- Wellington Strategic Sailing Events
- 'Powered by Wind' Initiative



Tabled Information D

He aha te mea nui o te ao? He tangata! He tangata! He tangata!



Legend:

- Promenade along Clyde Quay
- Defined promenade along waterfront
- ←→→ Connection to the water
- Stairs/Lanes - Connector Hill & water
- Heritage
- Key buildings
 - 1. Wharewaka
 - 2. Te Papa
 - 3. Chaffers Dock
 - 4. Clyde Quay Wharf
 - 5. The Enormous Crocodile
 - 6. Sailing Club/School
 - 7. Freyberg Pool
 - 8. Barge
 - 9. Band Rotunda
- Built Edge
- 0.5m Sea level rise
- Approx. MSL (Measurement Standards Laboratory)
- Streams
- Study area / Precinct

REV	DATE	BY	REASON
1	22.11.2011	SW	CONCEPT DESIGN
Project: CLYDE QUAY PRECINCT PLAN			
Drawing Title: CONSTRAINTS			
Drawn	BY	Checked	
Date	22.11.2011		
Scale	1:500 @ A3		
Job No.	Drawing No.	Revision	

PD-001 Constraints
1:5000





Legend:

- Coherent connection across promenades
- Coherent connection to the waterfront
- Stairs to the water
- Boardwalk
- Stairs/Lanes - Connector Mt + water
- WQWSC Proposal (Wharfedale Green Water Sports Centre)
- Potential leisure development area
- Opportunity for tiered seating
- Consistent element
- Existent trees
- Study area / Precinct

PD-002 Opportunities
1:5000

REV	DATE	BY	DESCRIPTION
1	11/20/11	WJ	CONCEPT SKETCH
Project: CLYDE QUAY PRECINCT PLAN			
Drawing Title: OPPORTUNITIES			
Drawn:	WJ	Checked:	
Date:	22/11/2011		
Scale:	1:5000 @ A4		
Job No:		Drawing No:	
		Revision:	

PD-002 A

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Absolutely
POSITIVELY
WE'VE GOT IT RIGHT
WELLINGTON CITY COUNCIL

- Legend:**
- Open space connection to water
 - Important junction
 - Promenade
 - Access between street and water levels

REV: 0476 01 05/05/04
A 01/20/05 02 03/04/05 03/05/06

Project:
CLYDE QUAY PRECINCT PLAN

Drawing Title:
DESIGN STRATEGY

Drawn: BJ	Checked:	
Date: 02.11.2011		
Scale: 1:2000 @ A3		
Job No:	Drawing No:	Revision:

PD-003 A

PD-003 Design Strategy
1:1000

0 20 40 100 200 m

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**Absolutely
POSITIVELY**
We Rise as One
WELLINGTON CITY COUNCIL Wellington

Notes:

- Wave attenuation system not shown on concept plan as it is to be designed if required once wave study complete
- Ramp in front of western sheds and Ocean Sports Centre to provide access to pile moorings
- Central Bay to be used for ocean sports events, harbour sails departures and for pick up and drop offs for moored yachts
- Central Atrium to be used for remote control yachts and ocean sports paddling lessons
- World Match Racing Tour fleet to be based in eastern pier A
- Classic Yacht fleet to be based in western pier A

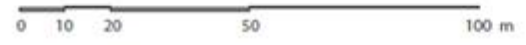
Legend:

- Stairs connecting boardwalk and street levels
- Wooden slabs boardwalk / jetty
- New materials to aide wayfinding
- Proposed walk on berths
- Proposed mooring
- Potential location for Wellington Ocean Sports & Powered by Wind Centres
- Existing sculpture

REV	DATE	BY	REASON
1	20.11.2011	AL	CONCEPT DESIGN
Project: CLYDE QUAY PRECINCT PLAN			
Drawing Title: PROPOSED PLAN			
Drawn By:	C. Marshall		
Date:	20.11.2011		
Scale:	1:1000 @ A3		
Job No:	Drawing No:	Revision:	

NOTE: Concept Plan updated by R/PL/PC 18.12.2012 to take account of Weir date report findings

PD-005 Proposed Plan 1:1000



Do not scale off the drawings. The Contractor will verify all dimensions on site before commencing any work. Copyright ©

PD-005 A

Work completed to date



Install of new rubbish bins



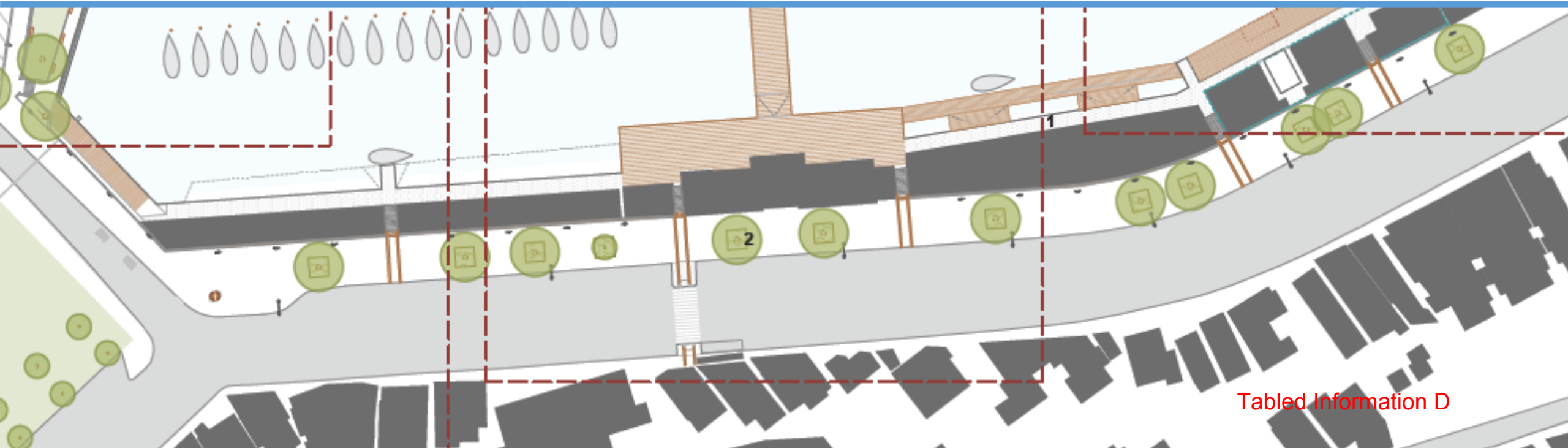
Patching of cracks in concrete

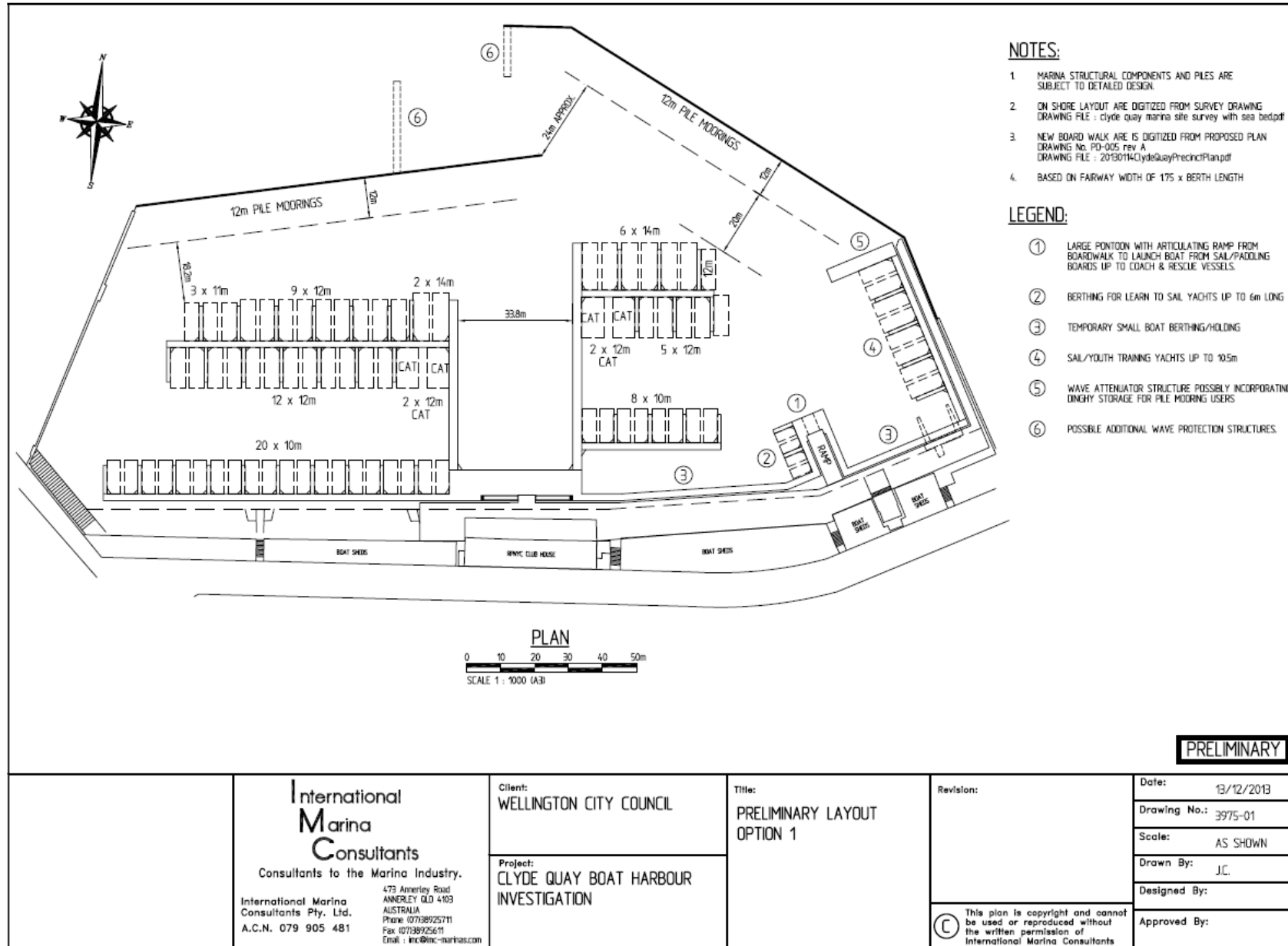


New step caps and handrails

Work still to be completed

- New lighting on Oriental Parade including removal of poles
- Way finding inserts on Oriental Parade footpath
- Removal of power cables and poles to sheds
- Repositioning of pedestrian crossing
- Painting to make good changes to handrails
- Further concrete patching in places







Reinstate and enhance park at west end of boat harbour



Fix broken existing seats and add new seating

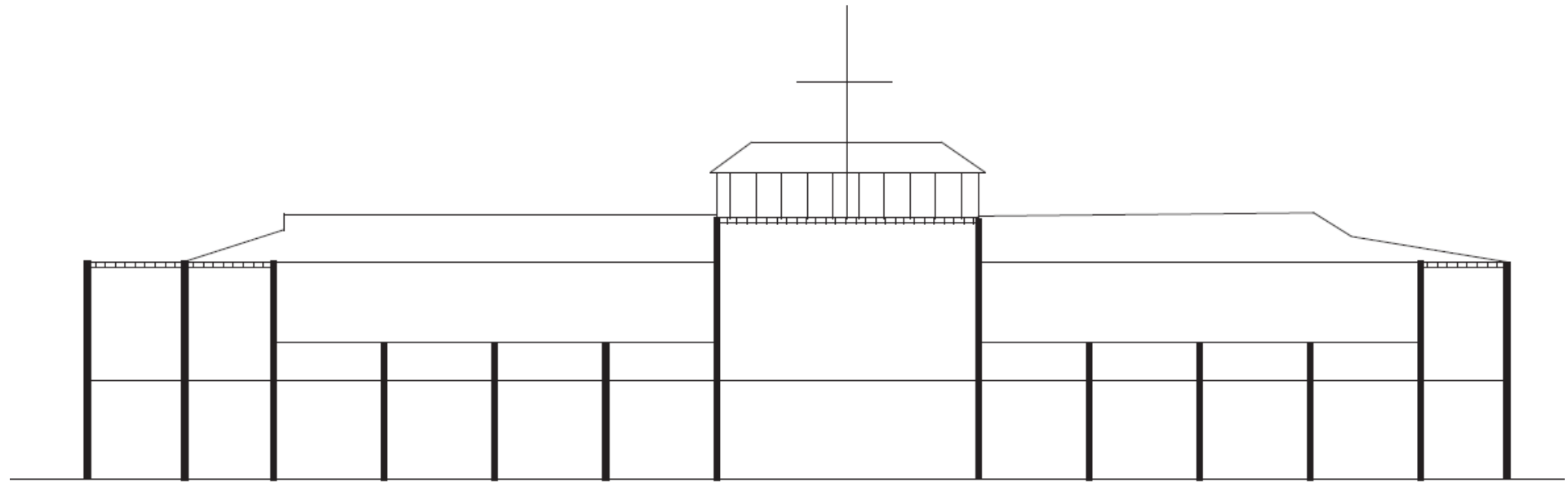


Remove container village and create new entrance way to boat harbour from waterfront promenade

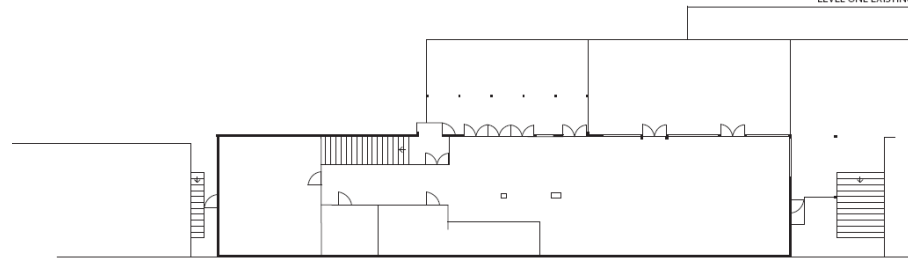


Remove temporary croc bike storage and reinstate footpath and parking

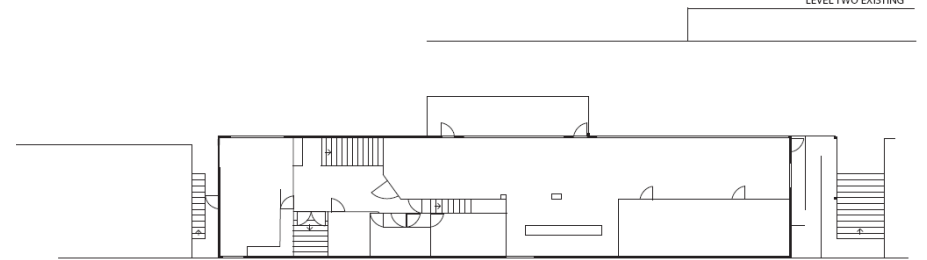
APRIL
2014



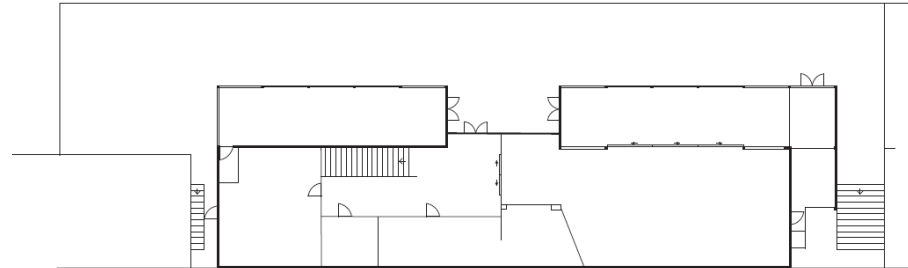
LEVEL ONE EXISTING



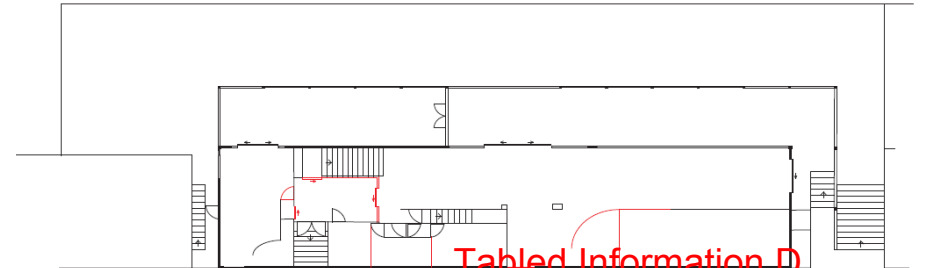
LEVEL TWO EXISTING



LEVEL ONE PROPOSED



LEVEL TWO PROPOSED

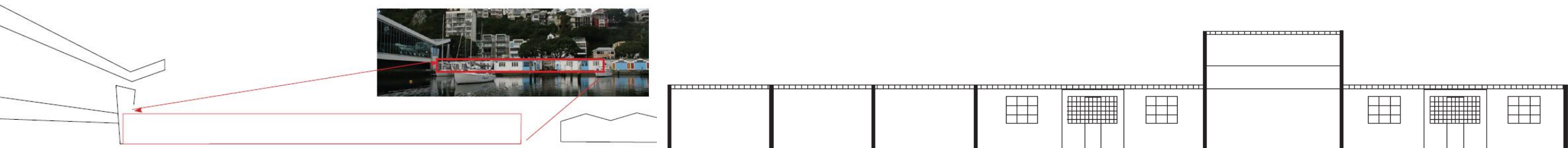


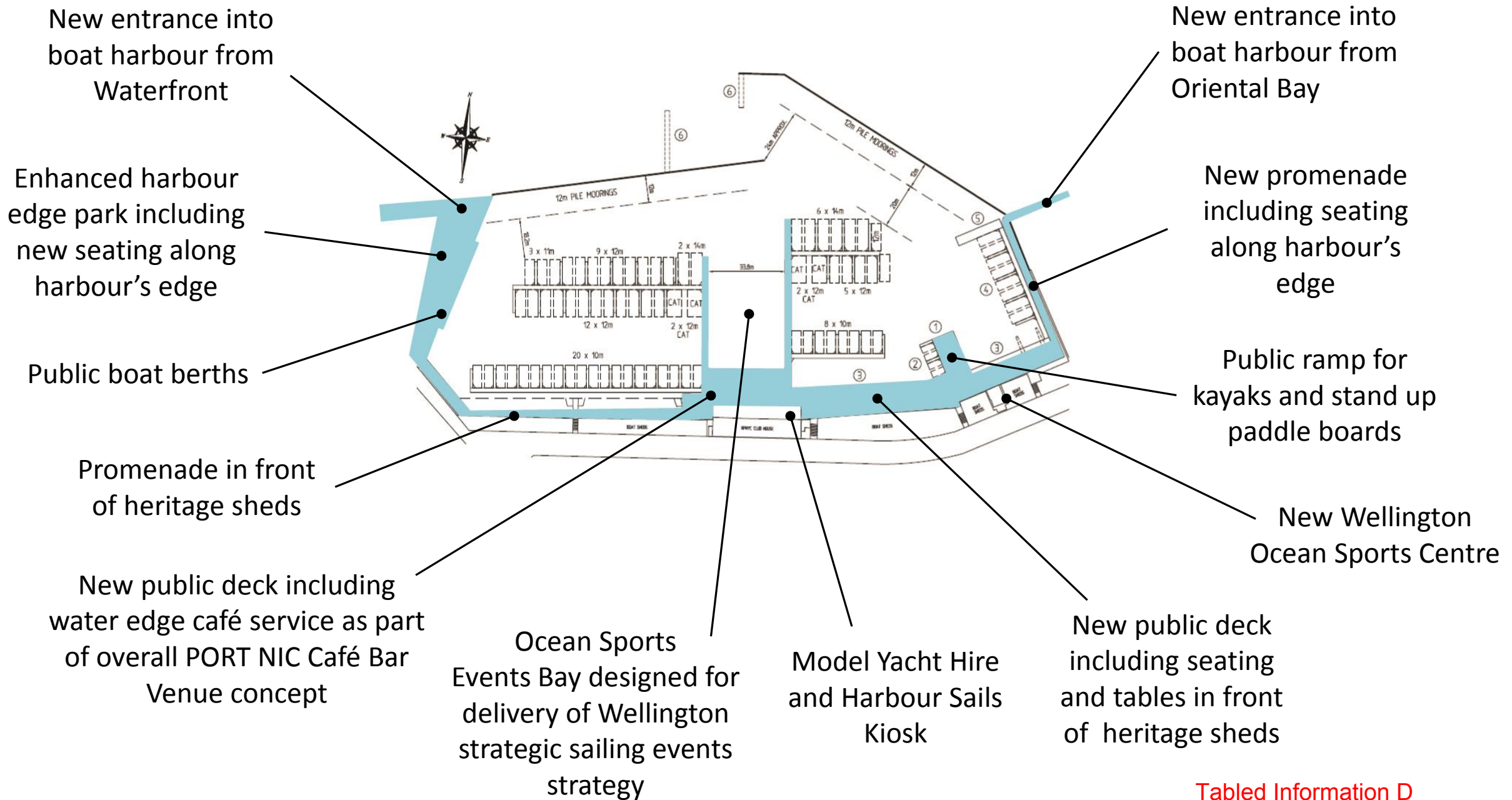
Tabled Information D

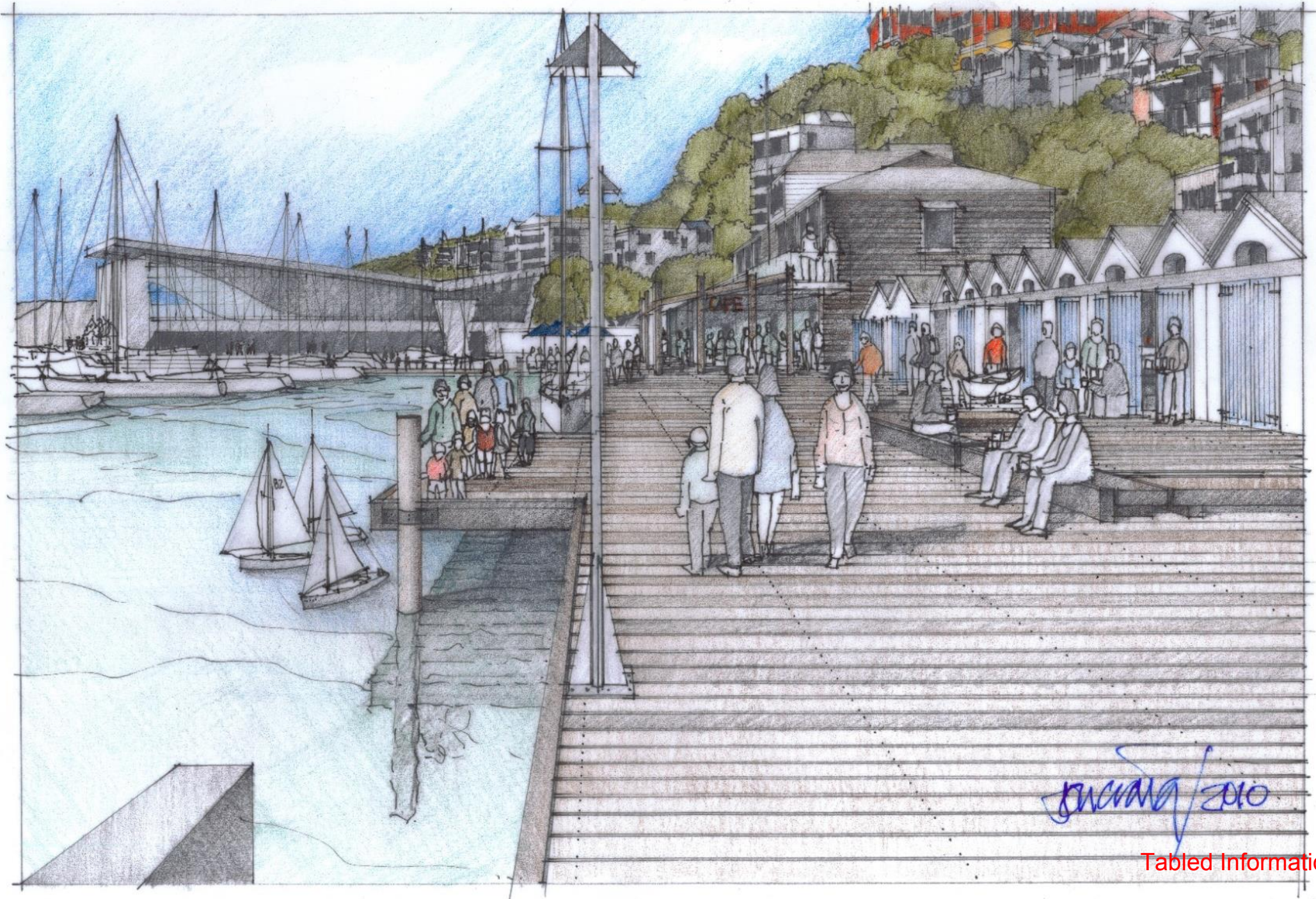


LOTTERY
COMMUNITY FACILITIES FUND
Te Tahua Hapori Ngā Whakaurunga
Application Form

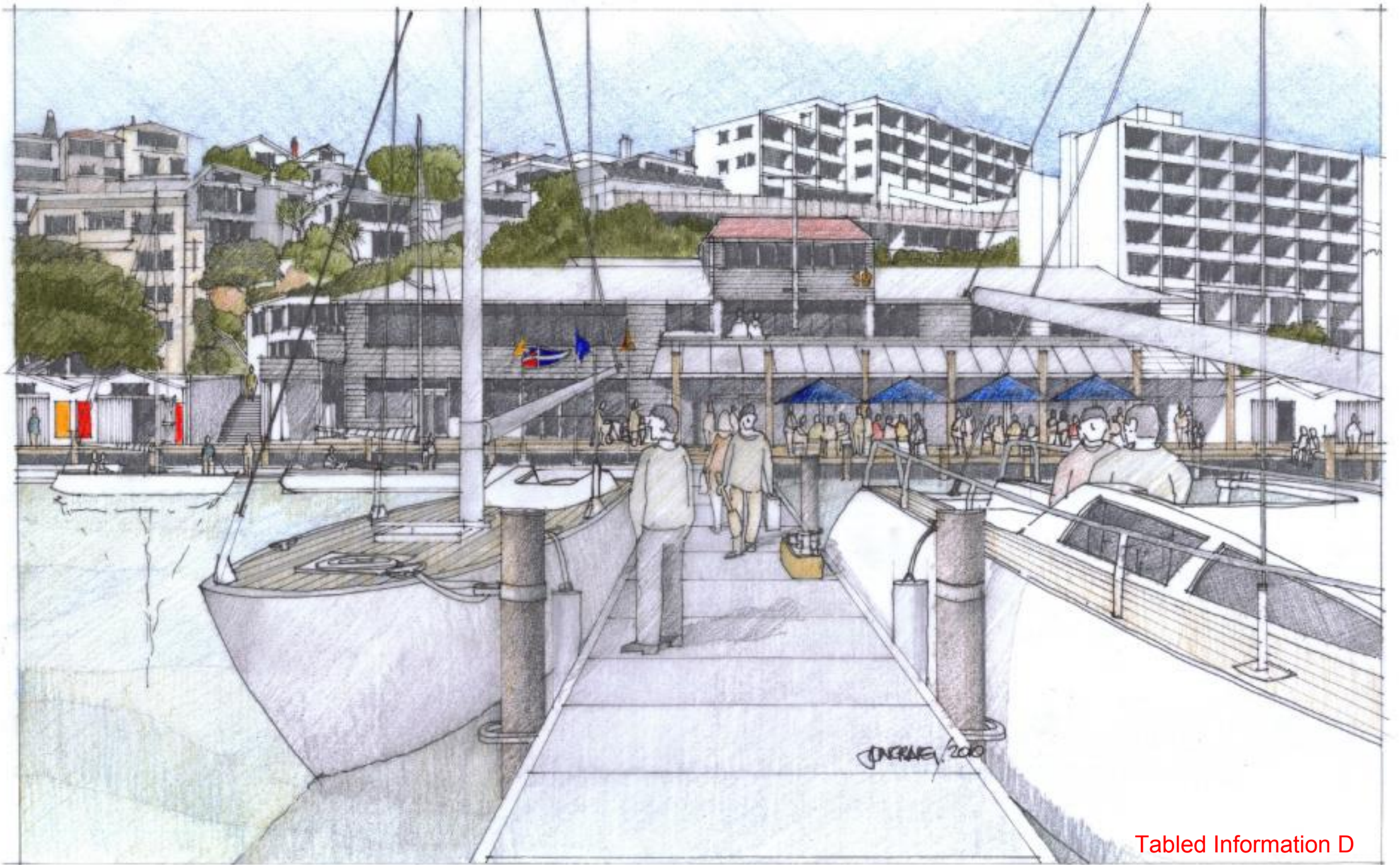
NZ Lottery Grants Board
TE PUNA TAHUA
Distributor of NZ Lottery Profits

The banner has a red heart pattern on the left and a dark blue background with a geometric pattern on the right. It includes the text "LOTTERY", "COMMUNITY FACILITIES FUND", "Te Tahua Hapori Ngā Whakaurunga", and "Application Form". On the right, there is a logo for the NZ Lottery Grants Board, featuring two stylized figures and the text "NZ Lottery Grants Board", "TE PUNA TAHUA", and "Distributor of NZ Lottery Profits".





J. W. / 2010

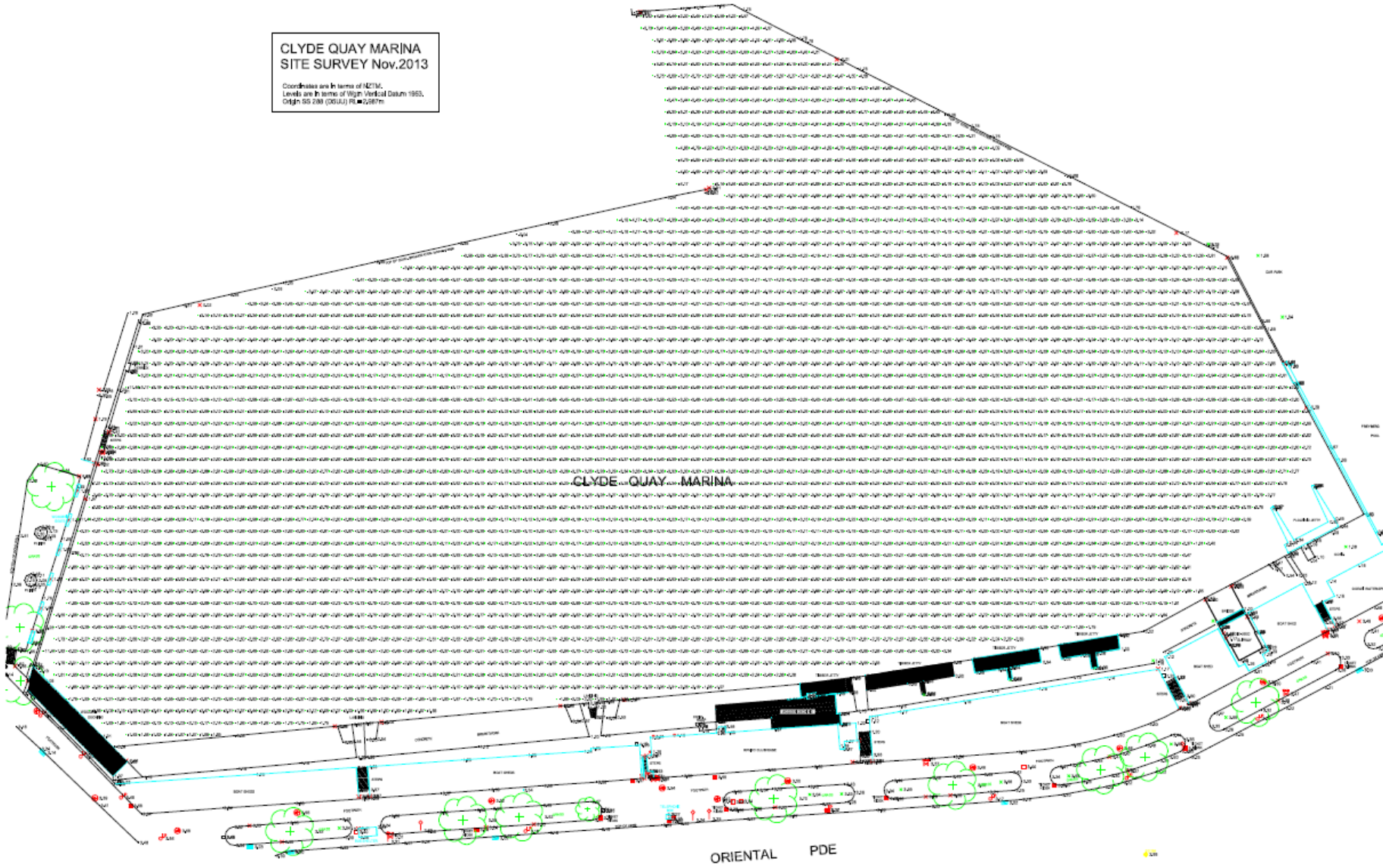


Tabled Information D



**CLYDE QUAY MARINA
SITE SURVEY Nov.2013**

Coordinates are in terms of NZTM.
Levels are in terms of Mean Vertical Datum 1985.
Origin 495 208 (GDA04) PL 625877



Clyde Quay Marina Upgrade Feasibility Investigations

Goal: To provide enough information
for a resource consent application

- 1. Seabed survey completed
- 2. Topographical survey completed



Clyde Quay Marina Upgrade Feasibility Investigations

Goal: To provide enough information
for a resource consent application

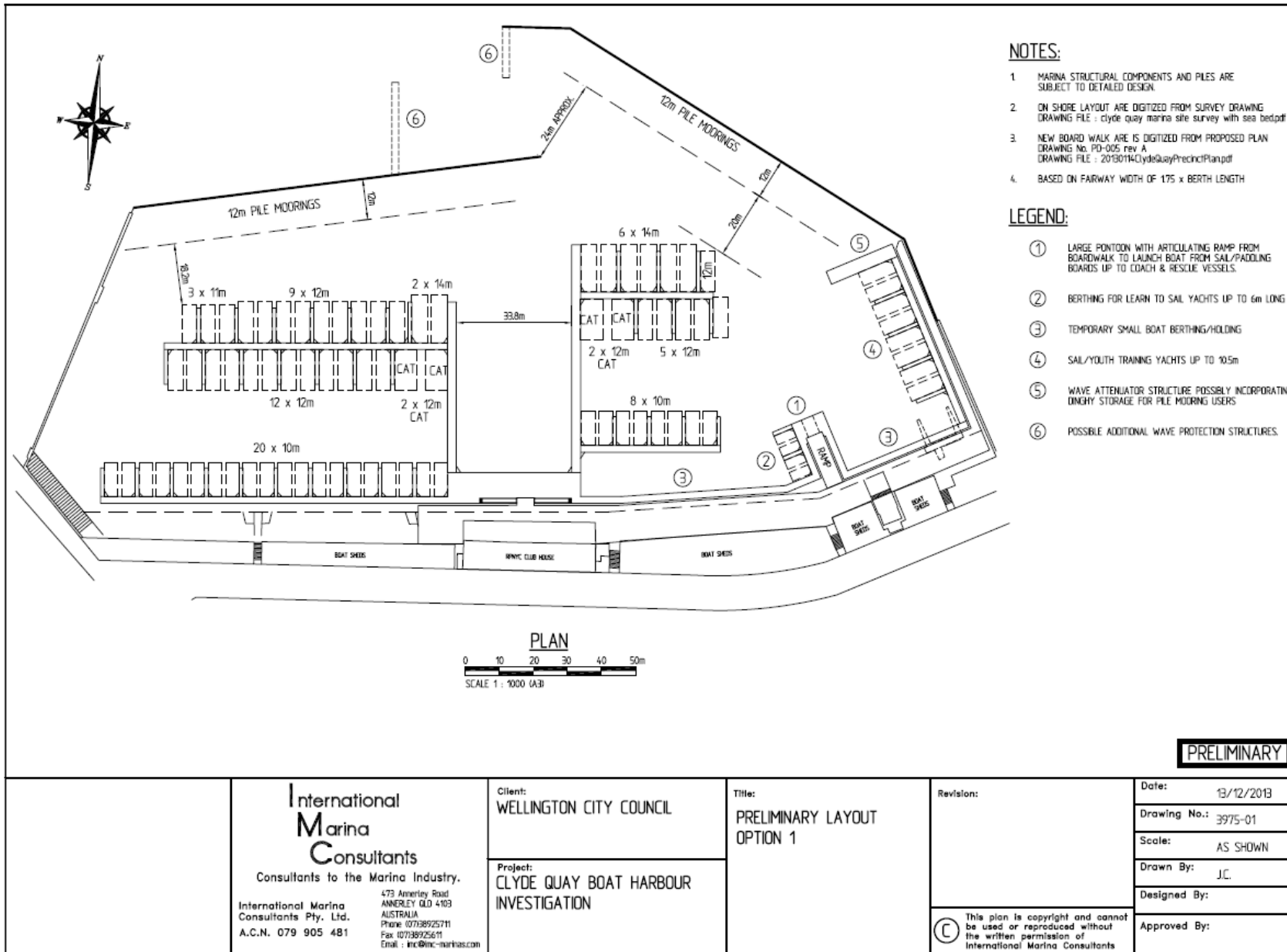
3. Desktop Geotech
analysis completed.
Getotech drilling
completed. Awaiting
report.



Clyde Quay Marina Upgrade Feasibility Investigations

Goal: To provide enough information
for a resource consent application

4. Sampling and
ecology survey
complete. Awaiting
baseline ecology
report.



Clyde Quay Marina Upgrade Feasibility Investigations

Goal: To provide enough information for a resource consent application

5. Preliminary layout completed. Awaiting wave study report for wave attenuation design and detailed design of marina componentry.

Clyde Quay Marina Upgrade Financial Model - Investment and Operating Costs

Category	Year	Cost/Revenue	NPV
Investment	2013/14	200,000	(150,000)
Construction	2014/15	150,000	(100,000)
Operating	2015/16 - 2038/39	Various	Various
Total NPV	25 Years	2,500,000	1,500,000

Clyde Quay Marina Upgrade - Revenue and Costs

Item	Year	Revenue/Cost	NPV
Revenue	2015/16	100,000	70,000
Costs	2015/16	(50,000)	(35,000)
Net Present Value	2015/16	50,000	35,000

Clyde Quay Boat Harbour - Marina Upgrade Financial Modelling All figures include inflation

1 The model DOES NOT include a reduction in borrowings for the sale of long term berth holdings
 2 The model assumes an average useful life of the upgrade of 40 years
 3 The model assumes the project and the facility is managed by RPNYC
 4 The model assumes wave mitigation costs of \$285,774
 5 The model assumes 100% of the project contingency allowance will be utilised
 6 The rates impact across ten years is estimated as \$147,850
 7 Borrowings in year ten are \$2,861,689
 8 The average berth occupancy is 84%
 9 The average mooring occupancy is 96%
 10 The average boat shed occupancy is 100%
 11 The weekly mooring rental in year five is estimated as \$30
 12 The weekly berth rental in year five is estimated to range between \$83 and \$137
 13 The weekly shed rental in year five is estimated to range between \$46 and \$76
 14 The fee increase by year ten for mooring rental is 25% above inflation
 15 The average fee increase by year ten for boat shed rental is 25% above inflation
 16 The average fee increase by year ten for RPNYC is 57% above inflation
 17 The project begins paying back rates in 5 YEARS
 18 The maximum rates impact in any year is \$181,022
 19 The rates payback period for the project is does not pay back within 10 YEARS
 20 Interest DOES NOT need to be recalculated

Assumptions	Inflation Indices	Infated data	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9
24 Boat Shed (38A)	1	1	1	1	1	1	1	1	1	1	1	1
62 Boat Shed (28 & 29)	2	2	2	2	2	2	2	2	2	2	2	2
63 RPNYC moorings (floating pontoons)	12	12	12	12	12	12	12	12	12	12	12	12

Clyde Quay Boat Harbour - Marina Upgrade Financial Modelling All figures include inflation

Item	Year	Revenue/Cost	NPV
Revenue	2015/16	100,000	70,000
Costs	2015/16	(50,000)	(35,000)
Net Present Value	2015/16	50,000	35,000

Clyde Quay Marina Upgrade Feasibility Investigations

Goal: To provide enough information for a resource consent application

6. Financial model completed awaiting input of final estimate of costs.

Tabled Information D



HOW CAN YOU LIVE IN

Wellington

AND NOT

EXPERIENCE

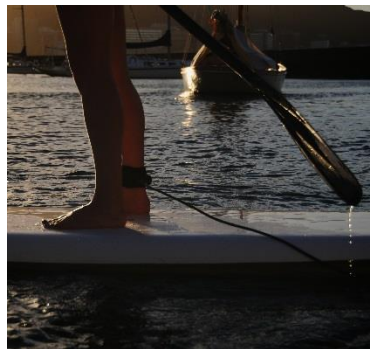
THE THRILL OF

ocean sports?

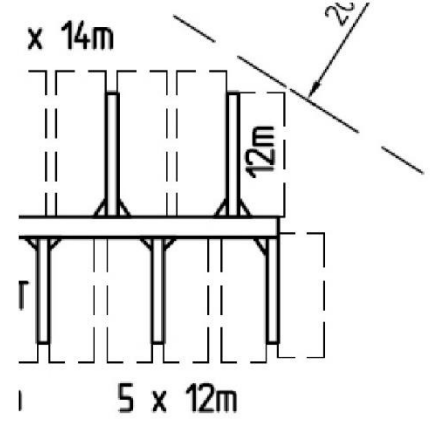
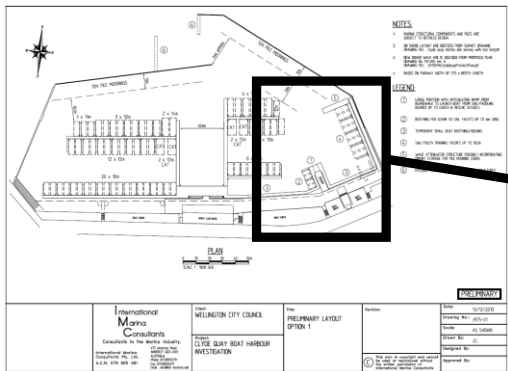
0-4-939 6702 | www.oceansports.org.nz



Tabled Information D



Tabled Information D



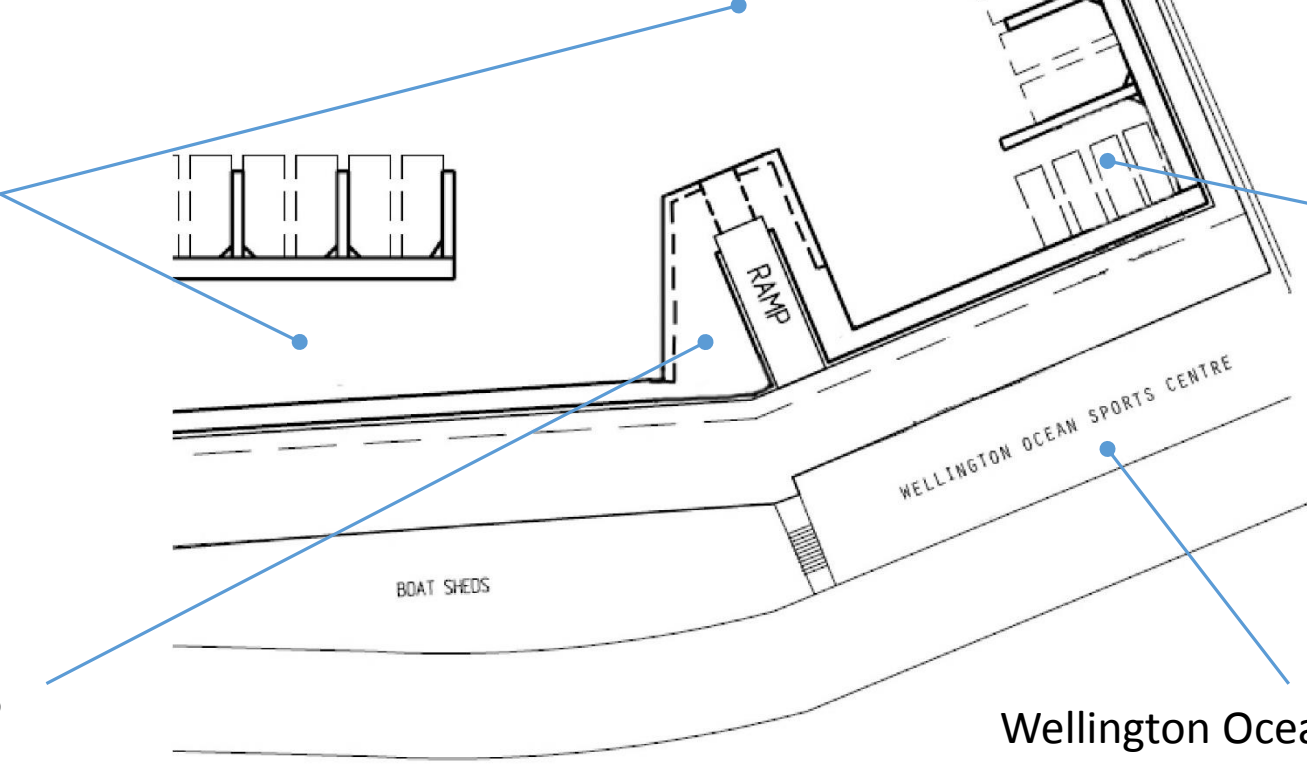
Waka Ama storage and launching area

Learn to Sail yacht berths

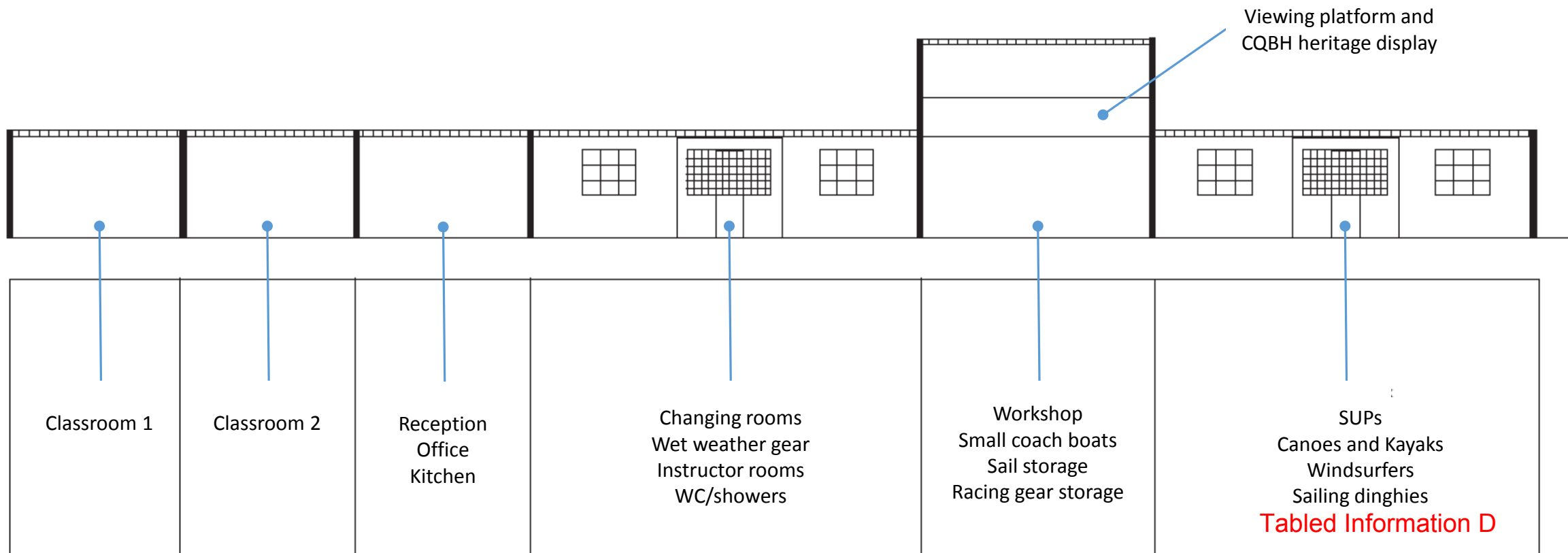
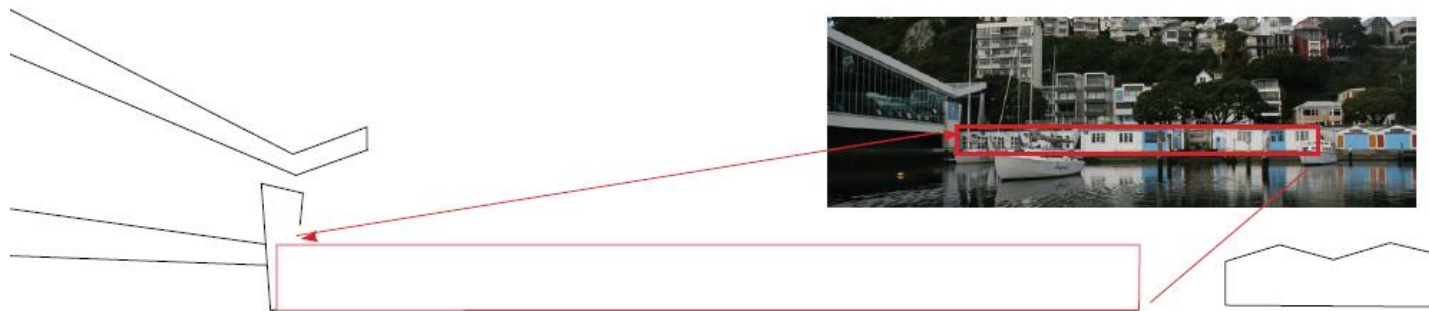
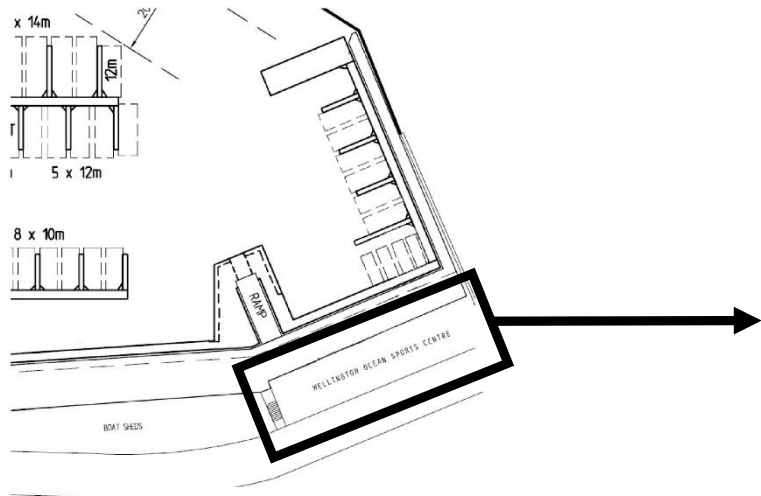
Wellington Youth Sailing Scheme yacht berths

Learn to paddle spaces for SUP and Kayaks

Launching platform for SUP and Kayaks



Wellington Ocean Sports Centre Building





Tabled Information D

- 1 Wellington Harbour Festival ➤
- 2 Americas Cup World Series ➤
- 3 New Zealand Sprint Sailing Championship ➤
- 4 Olympic Class World Championships ➤
- 5 Ocean Race Stopovers ➤
- 6 Wellington Match Racing Cup ➤





WELLINGTON HARBOUR FESTIVAL 2014

AT A GLANCE

Wellington Spirit Sailing League

- Monday and Tuesday nights during Feb and Mar

Volvo National Sailing Day

- Saturday 16 Feb from 10am

RPNYC Offshore Series

- 17 Jan 5pm, 1 Mar 11am, 8 Mar 9am

Ocean Sports 'Have A Go' Days

- 25 Jan, 22 Feb, 29 Mar from 10am

Line 7 Marine Port Nicholson Regatta

- 21 to 23 Feb

SSANZ Round North Island Race

- 14 to 18 Feb

CentrePort International Youth Match Racing Championship

- 19 to 23 Feb

Water Safety New Zealand School's Programme

- School days during Feb and Mar



Wellington Spirit Business Sailing League

Five weeks of inter business sailing competition on the inner harbour.

When: Monday and Tuesday nights Feb-Mar
Where: Queens Wharf
Website: www.wellingtonspirit.com



Volvo National Sailing Day

Come down and find out about sailing and go for a sail on the harbour.

When: 16 February from 10am
Where: Royal Port Nicholson Yacht Club
Website: www.rpnyc.org.nz



RPNYC Offshore Races

Watch the starts of the Nelson, Island Bay and Mana-Bay of Many Cove races.

When: 17 Jan 5pm, 1 Mar 11am, 8 Mar 9am
Where: Oriental Bay
Website: www.rpnyc.org.nz



Ocean Sports 'Have A Go' Days

Have A Go at sailing, kayaking, waka ama, windsurfing and stand up paddleboarding, all for just a gold coin donation.

When: 25 Jan, 22 Feb, 29 Mar from 10am
Where: Wellington Ocean Sports Centre
Website: www.oceansports.org.nz



Line 7 Marine Port Nicholson Regatta

Wellington's annual keelboat regatta which this year features the National PHRF Keelboat Championship and the Lower North Island trailer yacht champs

When: 21 to 23 February
Where: Royal Port Nicholson Yacht Club
Website: www.rpnyc.org.nz



SSANZ Round North Island Race Stopover

Come and play host to the fleet of sailors who are racing around the North Island as they catch their breath during the Wellington stopover before the race heads off to Napier.

When: 14 to 18 February
Where: Royal Port Nicholson Yacht Club
Website: www.rpnyc.org.nz



CentrePort Youth Match Racing Champs

Watch the future America's Cup sailors from New Zealand and Australia battle it out over five days of one on one match racing action in the heart of Wellington Waterfront.

When: 19 to 23 February
Where: The Inner Harbour
Website: www.rpnyc.org.nz



Water Safety NZ School Programme

During the Festival students from Wellington Schools will be learning very important water safety skills as part of the drowning prevention strategy administered by Water Safety New Zealand on behalf of

When: School days during Feb & Mar
Where: Wellington Ocean Sports
Website: www.oceansports.org.nz

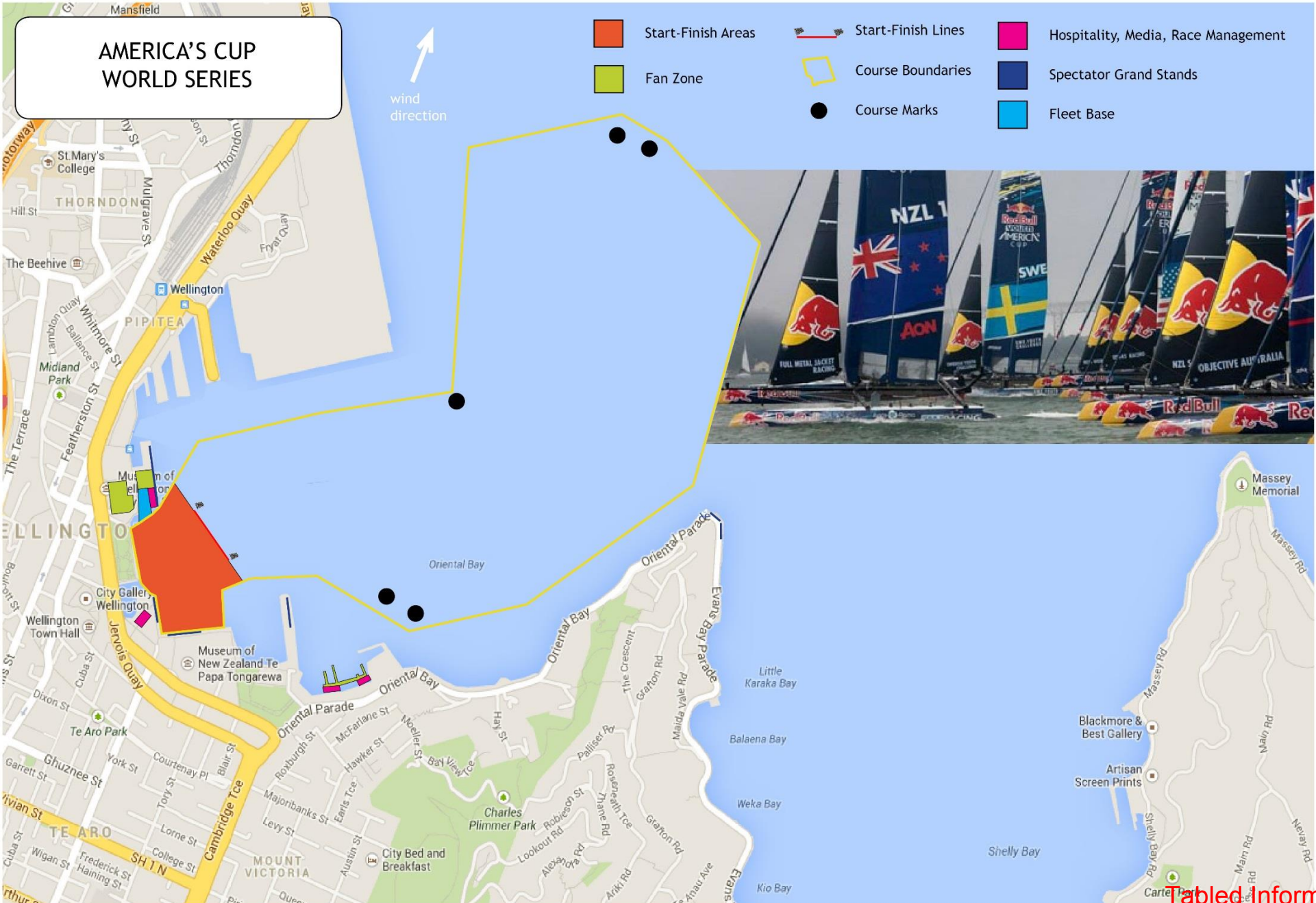


Tabled Information D

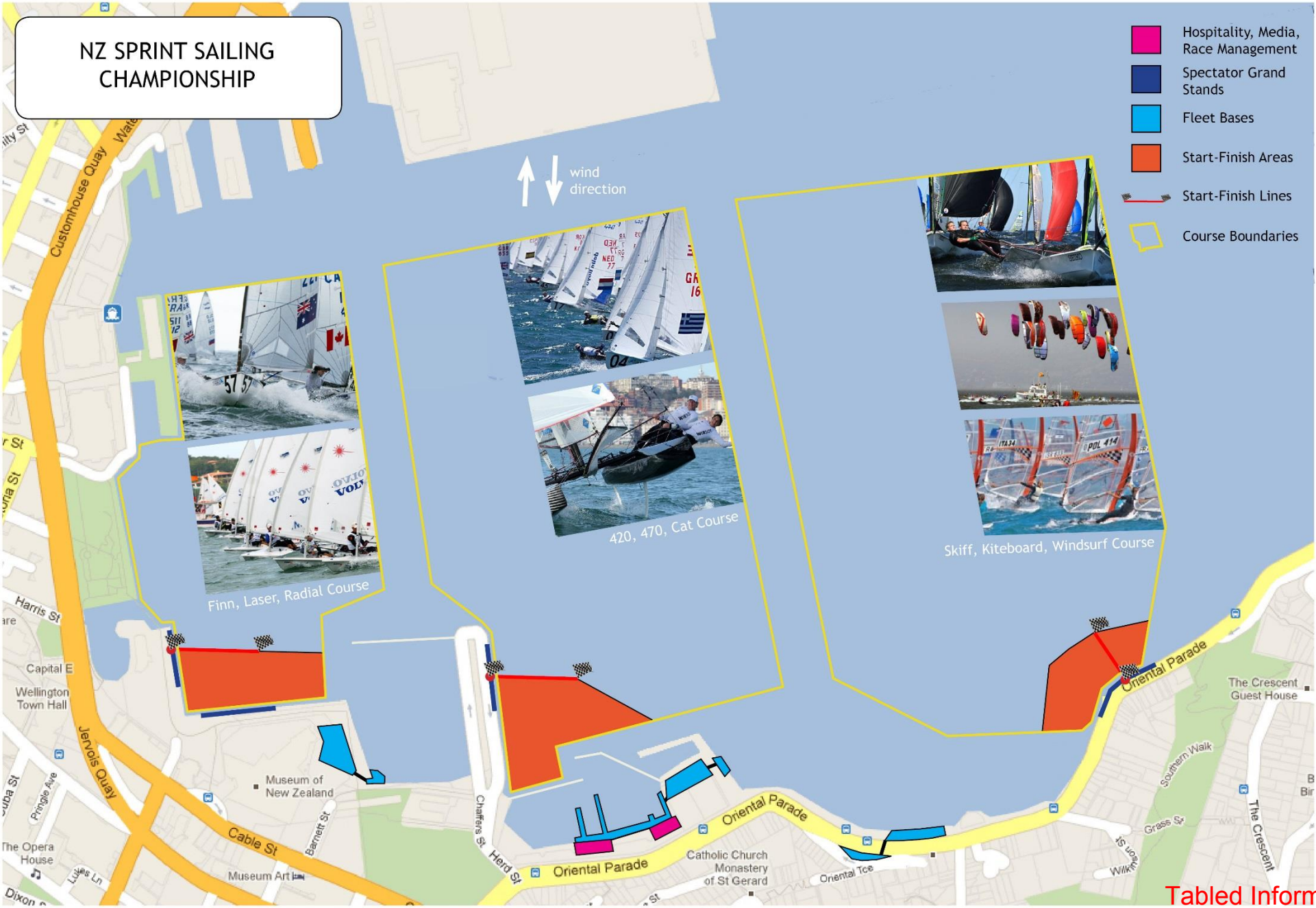
AMERICA'S CUP WORLD SERIES

wind direction
↑

- Start-Finish Areas
- Fan Zone
- Start-Finish Lines
- Course Boundaries
- Hospitality, Media, Race Management
- Spectator Grand Stands
- Fleet Base
- Course Marks



NZ SPRINT SAILING CHAMPIONSHIP



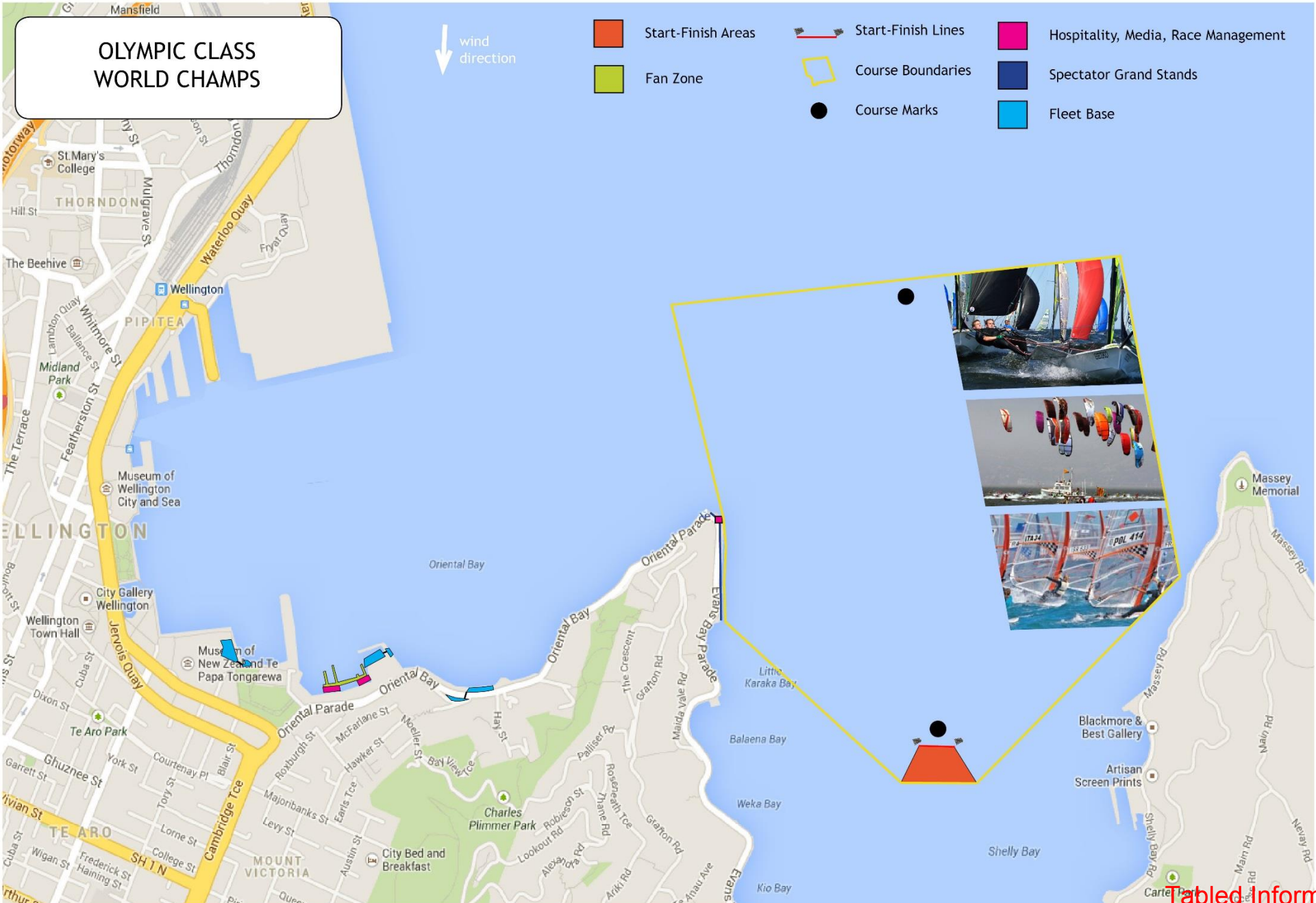
- Hospitality, Media, Race Management
- Spectator Grand Stands
- Fleet Bases
- Start-Finish Areas
- Start-Finish Lines
- Course Boundaries



OLYMPIC CLASS WORLD CHAMPS



- Start-Finish Areas
- Fan Zone
- Hospitality, Media, Race Management
- Spectator Grand Stands
- Fleet Base
- Start-Finish Lines
- Course Boundaries
- Course Marks



OCEAN RACE STOPOVERS



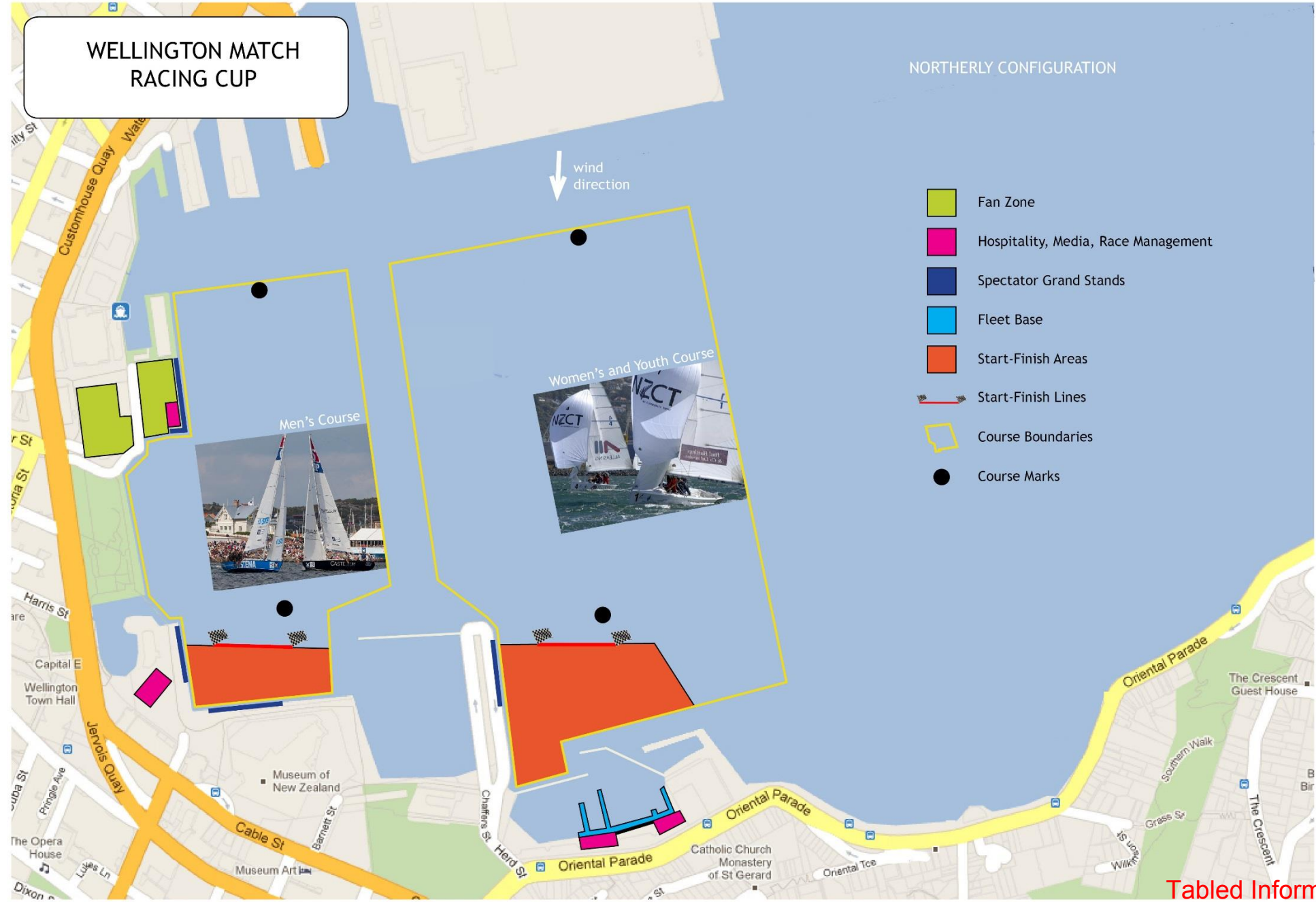
- Start-Finish Areas
- Fan Zone
- Hospitality, Media, Race Management
- Spectator Grand Stands
- Fleet Base
- Start-Finish Lines
- Course Boundaries
- wind direction

WELLINGTON MATCH RACING CUP

NORTHERLY CONFIGURATION



-  Fan Zone
-  Hospitality, Media, Race Management
-  Spectator Grand Stands
-  Fleet Base
-  Start-Finish Areas
-  Start-Finish Lines
-  Course Boundaries
-  Course Marks



- **The world sailing speed record is 65.45 knots or 121 km per hour**
- Wellington has a competitive edge in the innovative design and use of composite technologies in the marine sector, and is a leader in the secondary and tertiary education sectors
- Wellington has ideal venues and plenty of wind for speed sailing testing and competitions in the shoulder October-November events period, which also coincides with the end of the tertiary academic year
- The 'Powered by Wind' initiative aims to capitalise on these advantages to develop an export led education programme, focused on developing student scientific and technological literacy, and a high value manufacturing sector, focused on the innovative application of composite technologies in the marine and renewable energy sectors.
- It is proposed that the WELLINGTON SPEED SAILING FESTIVAL be established as an annual event to catalyse the initiative.





CURRICULUM

STUDY IN WELLINGTON

The Heart of New Zealand

NEW ZEALAND ACADEMY OF SAILING

DISCIPLINES

MATCH

FLEET

OFFSHORE

QUALIFICATIONS

LEARN TO SAIL KEELBOATS (9 NCEA LEVEL 2 CREDITS)

LEARN TO SAIL COACH

KEELBOAT COACH

RACE COACH

BOATMASTER

COASTAL SKIPPER



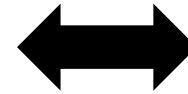
ADVANCED SEA SURVIVAL

VHF OPERATOR

POWERBOAT OPERATOR



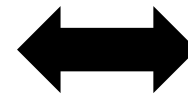
NATIONAL CERTIFICATE IN EDUCATIONAL ACHIEVEMENT (LEVEL 1, 2, 3)



NATIONAL DIPLOMA IN SPORT MANAGEMENT AND EXERCISE PRESCRIPTION (SAILING)



NZ DIPLOMA IN ENGINEERING (COMPOSITE TECHNOLOGIES)

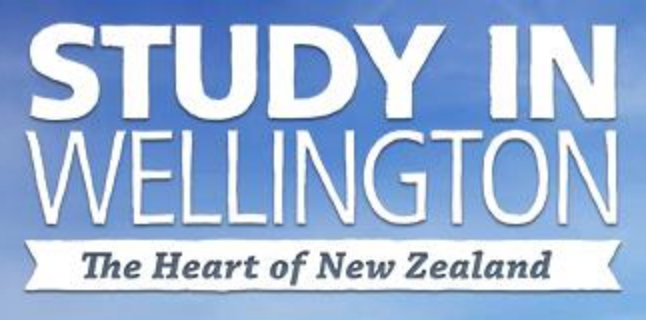


BACHELOR OF SCIENCE AND POST GRADUATE RESEARCH (PHYSICS)

Tabled Information D



MARKETING



Utilise the combined marketing potential of ...

Major Sailing Events on Wellington harbour

Continued international & national success of Wellington sailors

Capital City relationship with the diplomatic community

Wellington's reputation in high value manufacturing using composite technology

Success of Wellington's secondary and tertiary education institutions

... to market the “Powered by Wind” educational opportunities to ...

OVERSEAS STUDENTS

NZ STUDENTS

