

# BYRNE LOOBY



Cove Sailing Club in Conjunction with Cork County  
Council

Whitepoint Marina

Construction Method Statement

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Disclaimer: Please note that this report is based on specific information, instructions and information from our Client and should not be relied upon by third parties.

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## 1 Introduction

The proposed development consists of the construction of a 25-berth marina, access gangway and associated marine infrastructure at Whitepoint, Cobh, Co. Cork.

### 1.1 Site Location and Access

The site is located adjacent to the "Five Foot Way" at Whitepoint on the south shore of Great Island. Landside access to the site is available from the "Five Foot Way". Marine access to the site is via the main Cork Harbour Navigation Channel.

### 1.2 Existing Land Use

The existing tidal foreshore area is currently under the ownership of the State, under the stewardship of the Department of the Environment, Heritage & Local Government (DoEHLG). Cove Sailing Club are in possession of a 35-year lease for the marina, which was granted on the 1<sup>st</sup> April 2015, ref no; FS005903.

A number of swing moorings are located in the area of the proposed marina. Cove Sailing Club are currently in possession of a lease of the foreshore in question from the Department of the Environment, Heritage & Local Government which was acquired in 2010. Works on the Foreshore will not commence until all statutory permissions are granted.

## 2 Proposed Method Statement

### 2.1 Access Platform

The access platform which is currently in place, was granted planning permission under application number 10/52015. The existing access platform comprises of a steel walkway with handrails supported on a network of steel columns, founded on reinforced concrete pads cast onto the seabed.

No work is envisaged to the access platform.

### 2.2 Anchor Blocks

Prior to laying, the anchor blocks will be stored in a demarked area on the landside of the development. The blocks will be craned from the quayside onto a floating work barge. The floating work barge will be used to lay the concrete anchor blocks on the seabed. The position of the anchor blocks will be confirmed by divers using GPS navigation equipment.

The mooring chains will be connected to the anchor blocks by the divers and left on the seabed pending connection to the floating breakwaters and pontoons.

### 2.3 Floating Breakwaters

The breakwaters will be delivered via road to Cork Dockyard. The breakwaters will be stored in the dockyard until required. Individual units will be towed to site and attached to the chains previously connected to the seabed anchors. Each breakwater unit will also be connected to adjoining breakwater units in accordance with the manufacturer's recommendations.

### 2.4 Pontoons

The pontoon units will be delivered via road to the dockyard in component form. They will be assembled and towed to the site for connection to the mooring chains by divers.

### 2.5 Civil Infrastructure

The following works will be completed to the landside area:

#### 2.5.1 Potable Water

Potable water will be accessed from the existing water mains at Whitepoint Moorings. A 75mm dia. uPVC pipe will convey water from the existing mains to the marina service bollards via the access walkway and gangway.

### 2.5.2 Power

Power to the marina and dinghy park will be provided via a mains ESB connection to the existing mini pillar at Whitepoint Moorings. All necessary wiring will be located and ducted under the footpath in compliance with ESB standards.

### 3 Construction Programme

The following is an indicative construction programme:

Installation of anchors and chain	2 weeks
Installation of breakwater array and alignment	2.5 weeks
Installation of pontoons	1 week
Gangway connection	0.5 week
Marina services installation & commissioning	4 weeks
Landside infrastructure (ESB, water)	3 weeks

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