



WMS



Wardle Marine Services Ltd

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Ez Dock

EZ Dock sections are modular, and come in a number of different sizes and shapes to get the exact dock configuration you desire. The revolutionary EZ Dock system makes it easy to install and suitable for all applications from small private pontoon to commercial work platforms and full marina's.



The Ez Dock modules are available in 4 standard sizes: 1.0m x 1.5m, 1.0m x 3.0m, 1.5m x 3.0m, and 2.0m x 3.0m.

EZ Dock's revolutionary flotation design creates suction and compression to increase stability. It's not just floating, it's actually creating stability by using the patented hollow chambers on the underside. When you walk on an EZ Dock, you will immediately notice the difference.



The composite connection couplers allow the sections to move independently under high-stress conditions, while still providing unified firmness.

EZ Dock's polyethylene construction provides outstanding modularity, superb buoyancy, functionality, and safety.

That makes for an extremely versatile dock



Once you have created your EZ Dock, you will need to select an anchoring system to work with your existing mooring or a new installation. The wide variety of anchoring components can accommodate most water conditions and bottoms (deep, shallow, rough, muddy or sandy), and are simple to install. EZ Dock anchoring products are made from long-lasting, durable materials that can accommodate standard or heavy-duty demands.



Appendix 2

Create your ideal waterfront environment by adding an array of accessories from EZ Dock, including storage boxes, cleats, benches, ladders, slides and more. These products work seamlessly with the patented floating dock systems, and most can be used with existing docks as well. Every one of EZ Dock's accessories is engineered with safety, durability, low maintenance, and



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Gangways and Access Ramps

We offer a range of both stocked or custom made gangways and access ramps to suit all budgets and requirements.

Aluminium Ramps

Whether a standard or a site specific custom designed aluminium gangway is required we have a solution.

We stock lightweight 'off the shelf' gangways ranging from 2.4m up to 9.7m in either 0.9m or 1.5m widths or we design and manufacture custom ramps for your specific application.

We can offer gangways of virtually any length and width to suit your specific requirements from a small portable ramp to fully installed systems.



HDPE Ramps

We stock HDPE ramps that measure 1.8m x 1.2m per unit, these can then be joined together to make a gangway up to 5.4m in length. These gangways are non-slip and have a range of bolt on accessories including hand rails, hinges/rollers, and various mounting options.



Accessories

For both stock and custom gangways we offer a range of mounting accessories including hinges, rollers, additional stability devices etc....



Appendix 3



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Notes and Considerations

Pontoon Proposal 000892 – 03/10/2016

Brow Head, Kingsman Farm Road, SS5 6QB

Pontoon System

The proposed pontoon system is Ez Dock. This consists of HDPE modules that measure 3.0m x 2.0m and connect together with a series of composite couplers to create robust stable pontoon systems. The total size of the proposed pontoon would be 12.0m x 2.0m as per the neighbouring pontoons.

Mooring System

The pontoon is to be moored on 2 piles driven into the riverbed. These piles will be of 300mm diameter as per the neighbouring pontoons. Advice from local contractors who will be carrying out the piling work indicate that the piles will be driven approximately 2.0m into the riverbed.

Access System

Access to the pontoon will be via a custom built access platform which will sit as a free standing unit on the shore side of the flood defence wall.

This unit will have a platform 3.0m x 2.0m with a set of steps on the front to reduce the angle of the access ramp at low water. The platform will be supported by 12 galvanised steel legs with galvanised steel feet resin set into the existing concrete stones. The platform will have to fixed attachment to the flood defence wall and hence not subject the wall to any loading.

The steps will attach to an aluminium gangway via a n=hinge system to allow it to rise and fall with the tide.

Access from the shore side onto the steel platform will be via a set of removable steps that will be stood in position when required and removed when not in use. This will help to restrict access onto the pontoon by the public and not impede the footpath. When the steps are in place they will only protrude approximately 200mm into the footpath.

Services

Water and Electricity service will be buried as per local requirements as they cross the footpath then run across the top of the wall in concealed conduit with a secure junction box allow removal when required. This will not have any loading on the wall or require any fixings to the wall.

Appendix 4

Location

The proposed pontoon will sit in line with the other pontoons belonging to neighbouring properties and be of the same size.

Installation

Being a modular system no heavy machinery will be required onsite. The pontoon will be constructed and launched locally and moved into position via the river. Installation will be based on the shore side of the flood defence wall to minimise any restriction to the footpath.



Appendix 4

Ez Dock Pontoon 12.0m x 2.0m

300mm diameter x 6.0m pile driven
approximately 2.0m into riverbed

Aluminium gangway 8.0m x 0.9m with
hand rails to both sides, hinge at shore
end and roller at pontoon end.

Galvanised steel support framework, 1.8m x 3.0m
constructed from 75mm x 100mm box section with
50mm x 50mm cross sections and 25mm fibreglass
grating deck. Frame to be resin set into existing
concrete stones with no structural loading to
existing flood defence wall. Framework to be
removable by unbolting from resin fixings.

Step section as part of galvanised
framework to reduce ramp angle - hand
rails to both sides.

Flood Defence Wall.

Free standing ladder to give access over
existing wall. Ladder will have no
structural fixing to wall enabling removal
when not in use.

Side Projection

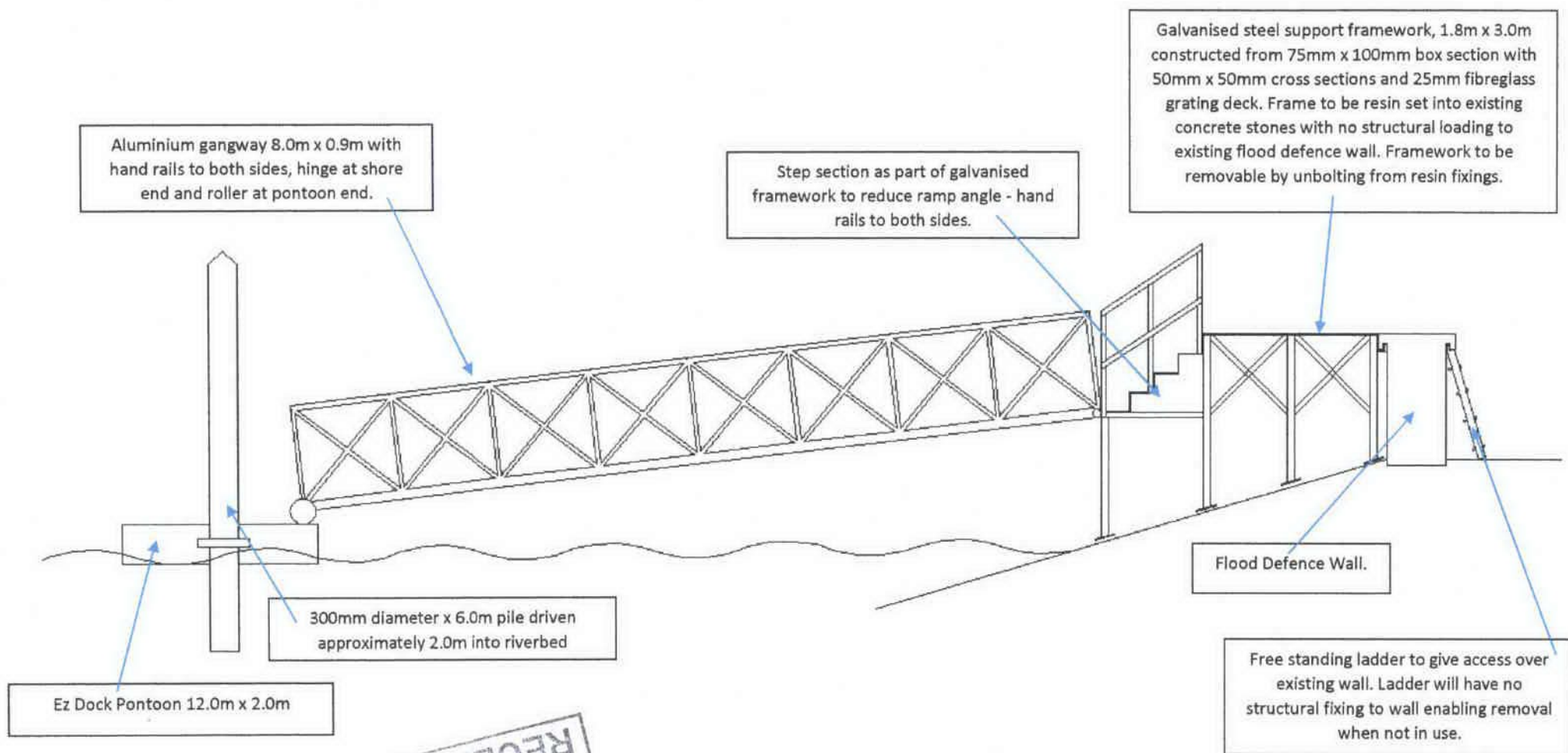
Title: Pontoon Proposal 000892

Location: Brow Head, Kingsman Farm Road, SS5 6QB

Date: 03/10/2016

Appendix 5

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Appendix 6

Side Projection

Title: Pontoon Proposal 000892

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Date: 03/10/2016

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Appendix 7

Title: Pontoon Proposal 000892

Location: Brow Head, Kingsman Farm Road, SS5 6QB

Date: 03/10/2016

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