

Poole Town Quay Dolphin Haven Works

A Collaboration Agreement between Poole Harbour Commissioners (PHC) & the Environment Agency (EA)



A scheme to allow Poole Harbour Commissioners to safeguard the integrity of quay structures whilst enabling the Environment Agency to address requirements for flood defence.

The 3 phase project will join up the sea defence schemes which are present on Town Quay and Green Gardens to a consistent defence level.

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Project summary

The objectives of the Project are to work in collaboration to :

- Renew the quay wall over a length of 375m between a point opposite Hennings Wharf and the existing flood defence wall adjacent to the slipway alongside the Old Lifeboat Station.
- Improve the level of flood defence to a consistent 2.35m AOD.
- Deliver any necessary finishes, surface level adjustments, drainage and paving to meet the requirements of the Local Planning Authority.
- To maintain the agreed works.

The works allow PHC to safeguard the integrity of quay structures whilst enabling the EA to fulfil requirements for flood defence. There are 3 distinct phases which represent the extent of works required to improve flood defence levels; this fills in a low area of flood defence protection between adjacent flood defence schemes that have been carried out previously at the Old Town area and Green Gardens

Overall objective

The quay, owned and operated by PHC, is of mixed construction. Many sections were reinforced with steel sheet piles in the early 1980s, but the length of quay East of Dolphin Quays to the Old Lifeboat station remains a much older masonry construction. A divers' survey from 2012 conducted by PHC shows that the total length of the masonry wall of the east quay is in very poor condition with voids behind, and timber fender piles and rubbing strips missing.

The current quay provides the defence against flooding to an area of the Old Town of Poole where land levels are significantly lower than the current defence level and therefore if the quay was overtopped to any extent there would be flooding of 260 properties some of which are within the 20% most deprived households.

The current quay wall provides a 1 in 200 year standard of protection until 2020 but in order to provide this standard of protection through to 2060 the defences on the quay will need to be raised generally by about 350mm to a level +2.35m AOD. This level would achieve an equivalent standard to the adjacent schemes, taking the influence of Poole Quay Boat Haven breakwater into consideration.

Scope of Works

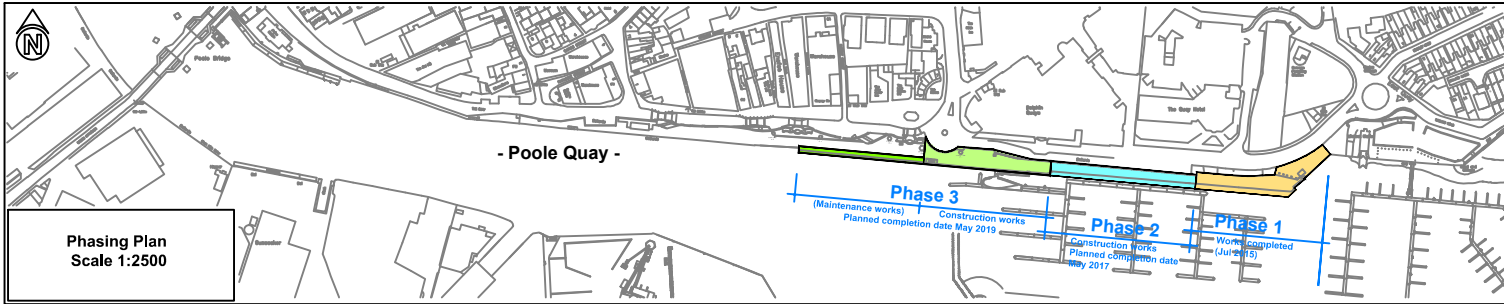
The general layout of the scheme is shown on PHC Planning submission drawing 250-067. The scope of the works involves new steel sheet piled walls, concrete parapet walls, raised surfacing & associated drainage works as well as maintenance / repair works to existing sheet piled walls and replacement of fender timbers.

Project Phases & Timings

The project is split into 3 phases. Phase 1 works at the Fishermans Landing Area were completed in July 2015 as Permitted Development. Planning Approval is now held for Phases 2 & 3. Overall scheme completion is due by May 2019.

Update – Jan 2017

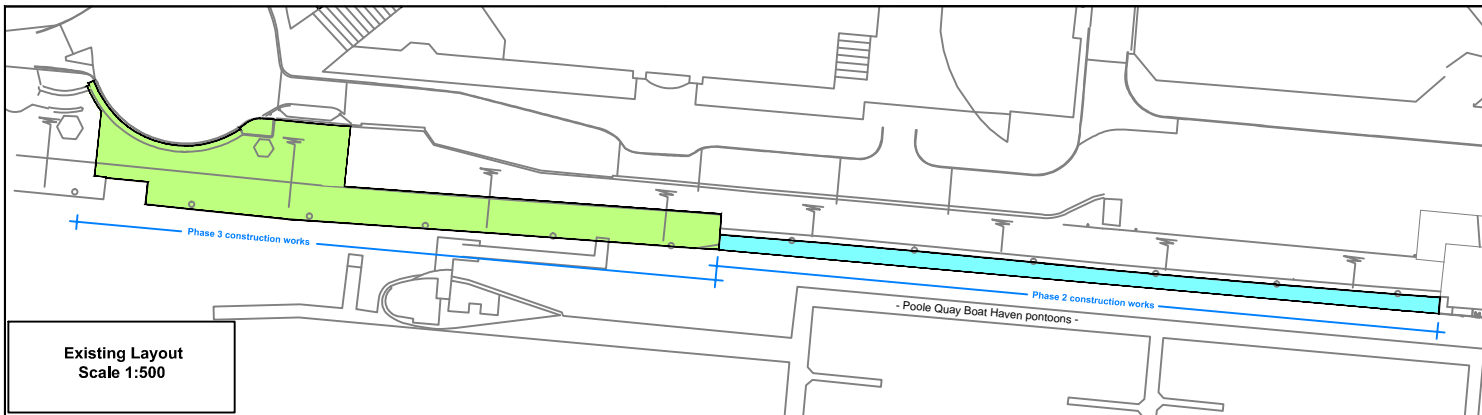
Phase 2 has now commenced with completion due by Easter 2017. Disabled parking bays adjacent to the working area will be temporarily suspended for the duration of the construction works. PHC apologise for any inconvenience this may cause.



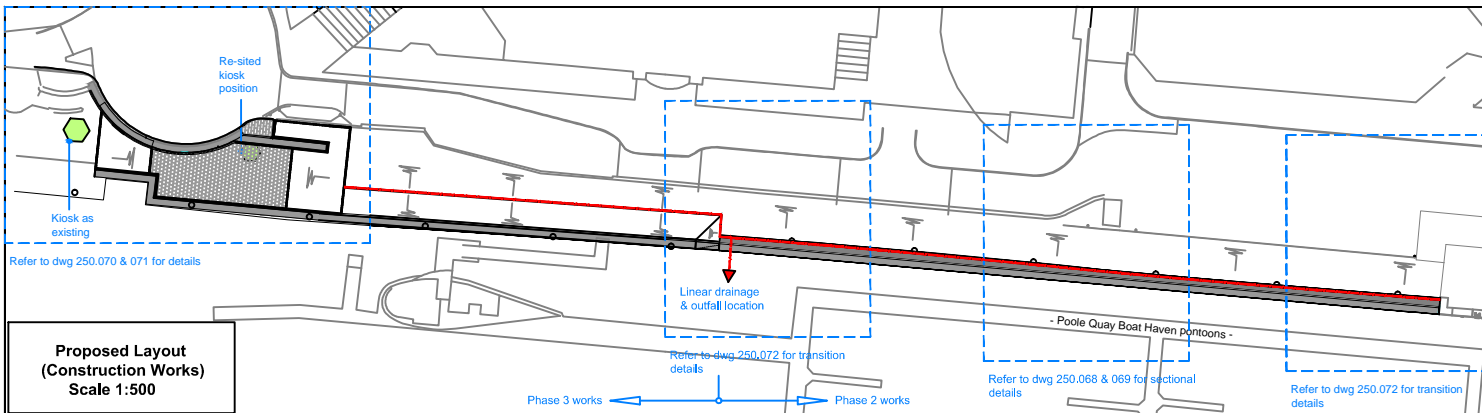
Phasing Plan
Scale 1:2500

Based upon Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office

NOTES



Existing Layout
Scale 1:500



**Proposed Layout
(Construction Works)**
Scale 1:500

revision	amendment	date
	Planning Issue	13.05.16

POOLE HARBOUR COMMISSIONERS

drawn	pba
date	13.05.2016
scale	1:5000 @ A2

drawing no.	250-067	revision
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