

Heritage Statement for Cast Iron Repairs at Town Pier, Gravesend. DA11 0BJ

Introduction

Collins River Enterprises (Trading as Uber Boat by thames clippers) purchased Town Pier, Gravesend from Gravesham Council in 2022. As part of the sale agreement, it was agreed that UBTC would conduct several remedial works which includes repairs to the cast iron lattice works on the Western face of the pier head. This work would be conducted by Metalock and Marval Marine Services.

Existing Building

The original cast iron pier was completed in 1834 with the intention of providing safe access to ferries to and from London. The pier is a grade 2* listed building and was repaired, and a new pavilion was constructed between 2001 and 2002. The pavilion was converted into a bar/restaurant in 2003 and has been vacant since 2018.

Proposed Works

After an inspection of the Western pier head cast iron lattice, there was an area of heavy corrosion that needs repairing. After discussing with specialist contractor, Metalock, they are advising a re-pair method called 'Cold Stitch'. The method is common practice on similar cast iron structures like bridges. Once repair has been completed, we will media blast the Western face lattice iron construction and advance mortar fill. Then apply PPG Sigma Shield 880 epoxy system to a DFT of 400 microns. This will reflect the current black paint scheme as to reduce a colour difference.

Method

All works will be conducted by approved contractors and the method shall ensure that only the area intended for works are affected. Protective plastic sheeting shall be used to stop any overspray and any debris that may fall into the water.