

Case Study



Project date: 24th - 27th October 2023

Project overview

The £300 million transformation of Candleriggs Square in Glasgow's Merchant City.

Candleriggs Square is a brand-new development taking place in the heart of Glasgow's Merchant City.

In 2022 work commenced on site to transform the 3.6-acre site - bound by Hutcheson Street, Trongate, Candleriggs and Wilson Street - into a vibrant mixed-use community, bringing together new homes, offices, hotels and local amenities.

The site was derelict and inaccessible for more than a decade and will now be transformed into the beating heart of a revived Merchant City in Glasgow City centre.

Candleriggs Square Glasgow Merchant City



Water storage requirements

Purewater Storage Ltd worked closely with fire sprinkler specialists - Discovery Fire Sprinklers Ltd. The challenge was to design, deliver and install a 54,000L nominal capacity GRP sectional wet riser fire tank with a divisional wall splitting the tank into two equal compartments, allowing for future maintenance requirements.

Case Study



Product installed

GRP Sectional wet fire riser tank
IFB (Internally flanged base) with division
PW.4.5 x 4 x 3M High.

Challenges and obstacles

The GRP sectional wet riser fire tank had to be designed to meet the required effective capacity for the building in the event of a fire, allowing the emergency services time to get to the site while keeping any potential fire at bay, potentially saving lives and the building itself.

The tank was assembled in the basement plant room where access and space were at a premium. The tank had to be designed to meet the spacial and access requirements whilst storing the desired sprinkler effective capacity stipulated by fire specialists - Discovery Fire Sprinklers Ltd.

Project timescale

It was only 8 weeks from initial enquiry to the tank being installed. This Included creation of technical drawings, picking & packaging, delivery and installation of the new tank.

Key partners

Fire Protection
Discovery Fire Sprinklers Ltd

Joint Developers
Drum Property Group
Stamford Property Investments



Tel: 0121 323 4000

Purewater Storage Ltd, 40-46 Mariner, Lichfield Road Industrial Estate,
Tamworth, Staffordshire, B79 7UL

Purewater Storage Limited @purewaterstorage

info@purewaterstorage.co.uk www.purewaterstorage.co.uk