

# Scope of works

Beatties installed a 400A three phase supply to a seasonal 900 square metre ice rink.



## Overview

We were first contacted about this project at the beginning of July and the Client wanted the supply live for November. "No problem" we said.

First challenge: How to get in excess of 200m of 2 cables as thick as your forearm from the existing cut out in the service yard to the outside Ice Rinks location.

## Ice Rink

### Power Supply

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**LOCATION: Southampton**

**CLIENT: Hammerson**

We conducted a CCTV survey of the existing cable ducts between the cut out and the closest chamber to the desired location of the Ice Rink. We carefully analysed and planned the possible route taking into consideration the limited bend radiuses of the cable. We went back to the client and confirmed that we thought the Project was feasible.

Second Challenge: Agree the correct technical components with the Electrical consultant and get the items ordered and delivered on time. From the MCB to the trip unit to the SPD we agreed technical submittals with the consultant and got them to site.

Third Challenge: Build it..... Firstly we'd like to thank the cable pulling gang who took on the monster challenge of getting the cables around from A to B, credit then goes to the ground workers who constructed the new pit and carefully re installed existing paving, finally thanks to our skilled electricians who carefully terminated all the ends and tested the installation.

At the beginning of the project some people said it wasn't possible to do this installation but we completed it ahead of programme.