

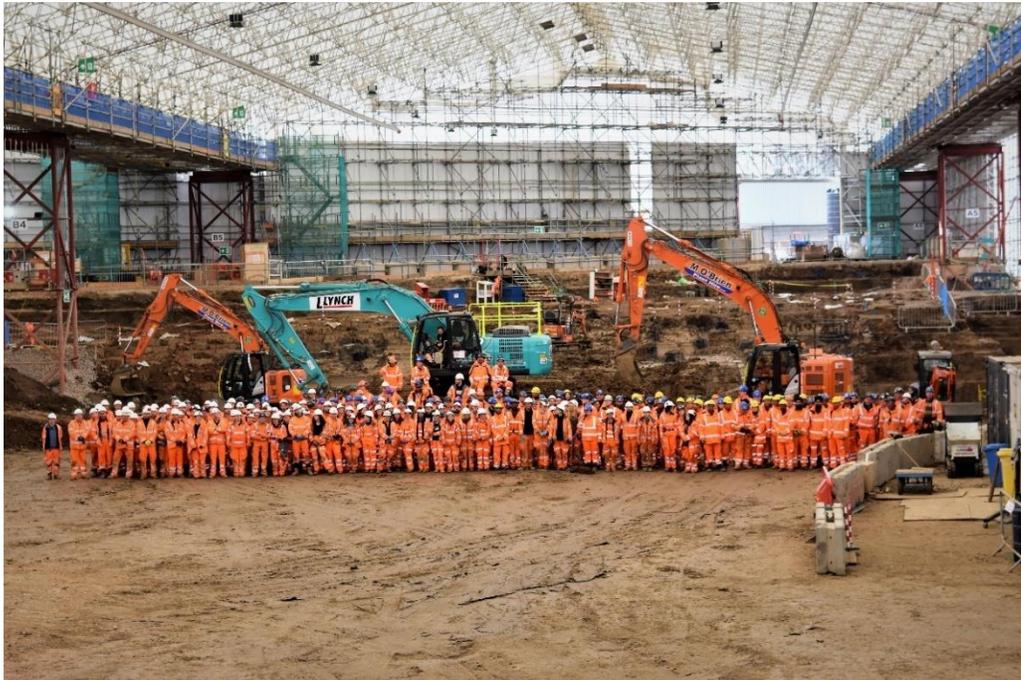
HS2



SKANSKA



Costain-Skanska EWC Area South: Archaeology and Heritage Update 13th June 2019



Key items

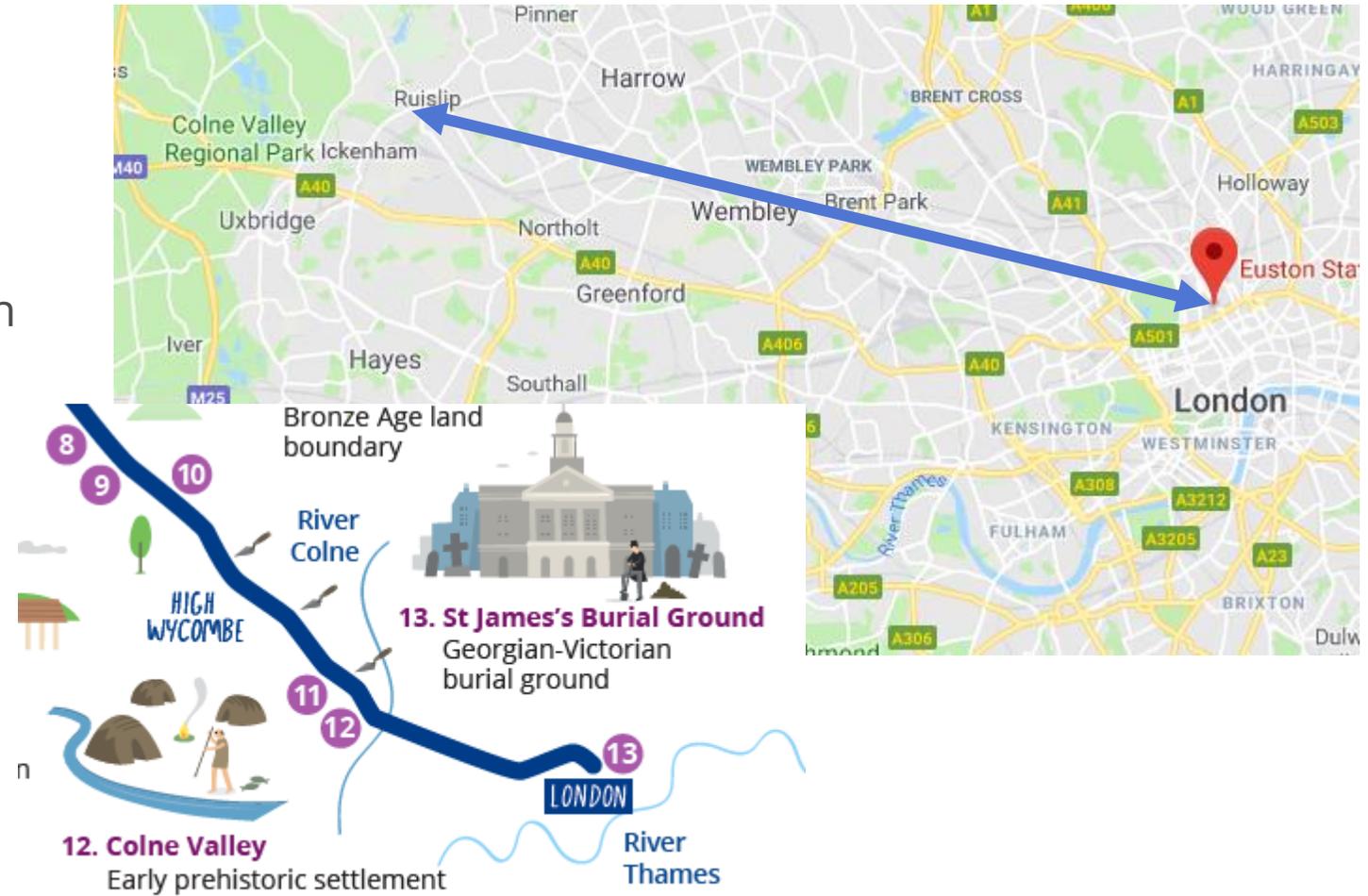
- Update on St James's Gardens Works
 - Overview of key works sites
 - St James's Gardens – progress/findings
 - Heritage Agreement Method Statements
 - Other Activities

Below: *Depositum* plate of James Christie, Founder of Christie's Auction house



Costain- Skanska Overview:

- London Euston to Colne Valley (M25)
- 25.4kms of route spanning urban and rural environments
- 3 key areas of archaeological excavation
 - St James's Burial Ground
 - Old Oak Common – Post Med/ Industrial and Railway Heritage
 - Colne Valley – Prehistoric and Romano-British Activity



From Gardens to Encapsulation:





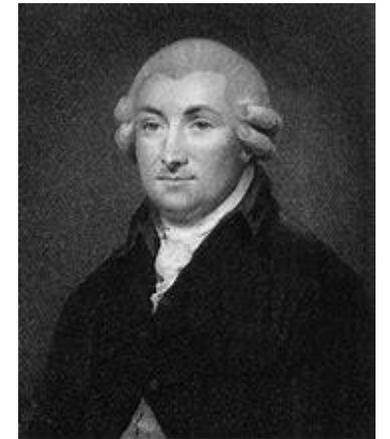
Green line =
cemetery
boundary

Red line = area
of archaeological
excavation

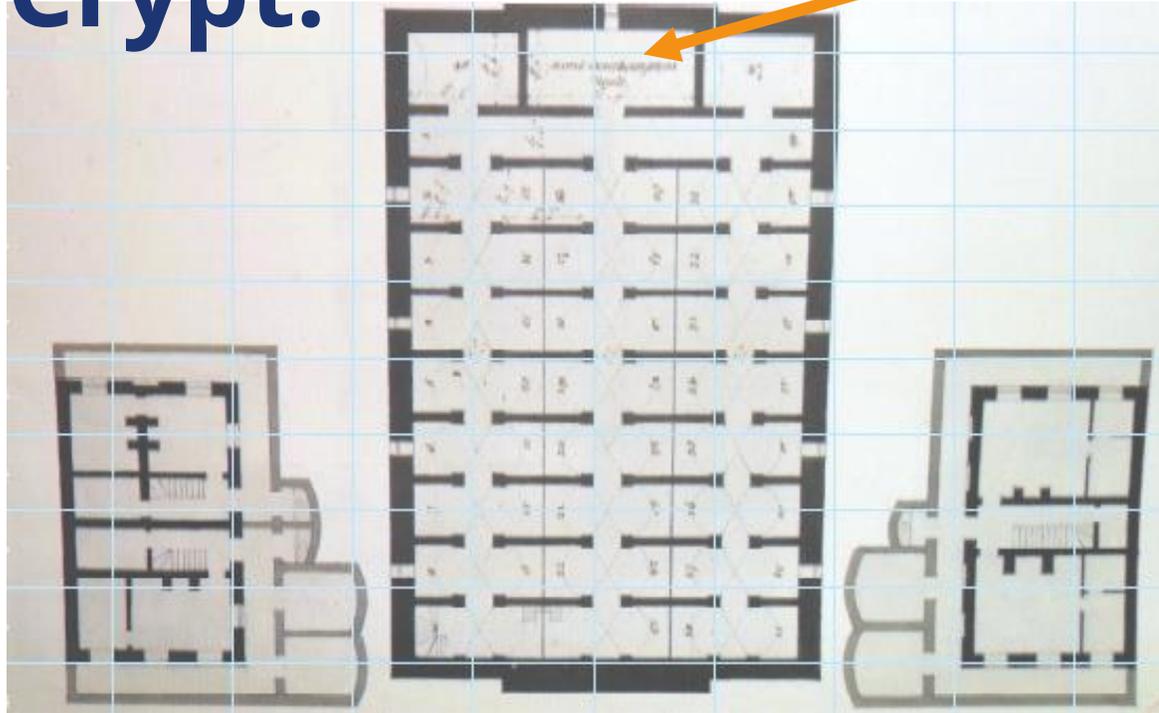
Density of use in
relation to class
is very apparent
with upper
ground being
very sparse

Famous burials in St James's Gardens

- 1st Baron Southampton – land owner and soldier
- James Christie & Family – established the world famous auction house
- Charles Rossi RA – Artist and Sculptor
- Dr Henry Revell Reynold – Physician in Extraordinary to King George III
- Matthew Flinders - Navigator and Cartographer who completed the first circumnavigation of Australia and identified it as a continent
- Lord George Gordon – associated with the Gordon Riots



St James's Chapel Crypt:



Original plan of St James's Chapel Crypt

Vault for Baron Southampton



Footprint and surviving walls of the crypt



Inside the Chapel Crypt:

Distinctive features still visible



Painted numbers survive at each entrance



Large vaults had inscribed stones



A roomy brick vault



The chapel font was found in the crypt

Archaeology and Technology: Using 3D photogrammetry, point clouds and UAVs



St James's Chapel Crypt



I-pad Innovations success:



Easy data use during prelim assessment in on-site labs



Great for sharing and comparing data



10% time and cost saving during excavation



Heritage Agreement Method Statements



Grade II Listed Monument to Baron Southampton



Grade II Listed Monument to Christie Family



Grade II Listed Railings at Euston Square Gardens



Grade II Listed Railings as affixed to Grade II Euston Lodges



Grade II Listed Parkway Cutting and approach



Grade II Listed Piers and Lamps Mornington Street Bridge



Grade II* Listed Royal College of General Practitioners Monitoring



Grade II* Listed LNWR War Memorial Recording



Grade II Listed Cast Iron Drinking Fountain in St James's Gardens



PX Assessment and Analysis

- Work in progress - initial plans being developed
- Proposal for assessment in progress
- New potential HERDs objectives identified with a focus on anti-resurrection evidence and also archaeological processes
- Final archaeological work in SJG to be completed by August 2019
- Establishing new off site work facility for finds and osteo PX
- Community engagement plan focuses on PX research and teaching research skills
- Strong collaborative engagement with universities



Awards and Achievements

The Costain-Skanska St James's Gardens team has been nominated for the following awards:

1. **Construction News Awards** – Best use of Digital Technology in Construction – For the use of the digital recording system
2. **British Construction Industry Awards** – Best Productivity Initiative – LEAN and Ergonomics in Archaeology and Construction
3. **IEMA Sustainability Impact Awards**
Best Construction and Infrastructure Project
Best Construction team
4. **Green Apple Environment Award for Best Practice**
5. Caroline Raynor – **Winner – Best Female Construction Contractor** at the European Women in Construction and Engineering Awards
Named in the top 5 most distinguished Women in Construction in Europe
6. Finalist in the New Civil Engineering - Best Project Contribution



IEMA Sustainability Impact Awards 2019

Inspiration | Innovation | Transformation

