# East Road & ISS Site

Prepared with Steensen Varming & Alan Baxter

### **East Road**

Under the east road, the existing HV cable runs will be replaced with new cables laid in ducts under the road, requiring much of the road to be excavated along its length. LTHW pipework within the East Basement corridor will be retained if possible or if not feasible, new pipework will run within the existing trench.

### **ISS Site**

A new trench for HV cables will be required running from the East Road and connecting into Substation C and the newly proposed ISS building.



Proposed Section A services under East Road



Proposed Section B RC trench for main HV Ring Distribution from New Intake Substation



# Existing retained services trenches below ground

- Existing retained services at high level
- New services route below ground
- New high level services route
- Existing services route to be enlarged/adapted below ground
- Existing services route to be adapted above ground
- Existing services route to secondary plant rooms to be retained

#### Clockwise from top left:

Steensen Varming sketch of the proposed HV services buried under the East Road

Steensen Varming sketch of the proposed services in the widened South basement west trench

Illustrative diagram of Level 01 East Road and ISS site trench works as adapted from Steensen Varming drawings



Key:







### Key:

- Exisitng retained services trenches below ground
- New services route below ground
- • New high level services route
- Existing services trench route to be enlarged/ adapted below ground
- • Existing services route to be adapted or replaced in same location above ground

## Right:

Existing basement corridor photographs showing proposed trench distribution indicatively overlaid in red dash.











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