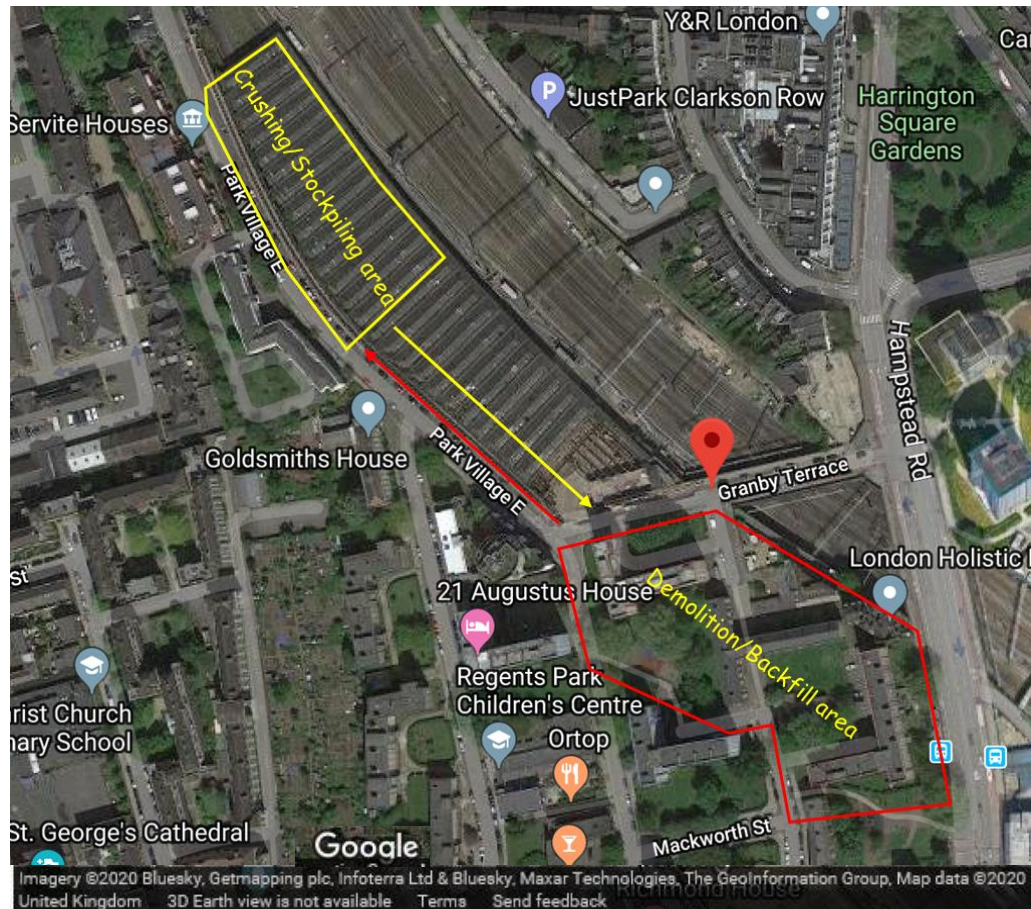


Materials processing from demolitions at the site at Regent's Park Estate



Overview;

- We are crushing all the concrete bricks and tiles from the buildings that we are demolishing.
- The crushed materials will be used within our sites to create working platforms for the construction of the railway.
- The materials are moved from the demolition area, to the crushing area.
- Once the materials are crushed and assessed, they are taken back to the demolition area for future use on site.
- This means we remove a large number of lorry trips from the road;
 - For example, for the UCL building we crushed approx. 12,000tns of material from the building. That means we have removed over 2,000 vehicle movements (Waste removal and new material being brought to site).
- The materials will continue to be processed until the demolition is completed.
- The materials will start to be used on site from March onwards.

Activity sequence



- **Materials from the demolitions are taken to area A;**
 - We only crush material suitable for use (bricks, concrete, tiles).
 - Material is checked and sorted using an excavator, removing steel and other material that cannot be crushed.
- **The materials are crushed in area B;**
 - An excavator is used to place materials into the crusher.
 - The crusher has two integrated water suppression systems so that the material is soaked as it comes out of the crusher in preparation for stockpiling.
- **The material is then stockpiled in area C;**
 - The material is stockpiled, usually a new pile is created every week.
 - The piles are separated so that they can be tested (Tests take approximately three weeks).
 - Testing results confirm if the material is approved for use on site. If it fails, it is removed from site (no tests have failed so far).
 - Dust suppression, in the form of sprays and a sprinkler system, is in place and in use on the stockpiles when needed.