

Design and Access Statement

Project Title: Standby Emergency Generation Project (SEGP) – Retaining Wall

Our Ref: NFR/509140/CSA/00206
ISA-INT-NFR-313

LOCATION	<p>The proposed SEGP works will be located within the North Western region of the Sellafield site close to an existing site main access gate. The proposed retaining wall runs North-South and is close to the Eastern edge of an existing compound.</p> <p>The wall and the proposed profiled fill behind form part of a larger cable route. The site is currently a grassed embankment, bounded by two live roads and the compound.</p>
PURPOSE	<p>Cable containment is to be installed across the existing grassed embankment which requires the provision of new levels (new levels to suit the cable containment foundations and walkways). To achieve these new levels, fill is required on part of the cable route. The new levels require a retaining wall due to the proximity of the compound</p>
LAYOUT	<p>See BE 3086103 and BE 3086104 for planning application drawings.</p>
APPEARANCE	<p>The proposed retaining wall runs parallel to the East edge of the existing compound and is mostly hidden by the existing containers in the compound. The wall reduces in height above the reinstated ground level (see drawings above). Therefore, minimal visual impact.</p> <p>The South end of the wall will be visible from the internal private Sellafield Road directly South of its proposed location. It will not be visible from the existing Public Highway.</p> <p>The wall blocks are of a light grey colour with a natural cobblestone finish</p>
AMOUNT/SCALE	<p>The proposed SEGP planning application includes the following;</p> <p>Site Area – 460m²</p> <p>22.5m Long x 2.4m High Modular Block Retaining Wall (plus 1.1m high handrail on top of the wall). However as mentioned, the wall height reduces towards the North.</p> <p>Approximately 70 m³ bulk excavated material (to be disposed of in accordance with Sellafield Limited Procedures) and 320 m³ type 1 granular imported fill material. The majority of the earthworks comprises imported fill material with minimal cutting (top-soil strip and retaining wall base formation).</p>
LANDSCAPING	<p>A level surface is to be formed for the new cable route. The remainder is to be reprofiled to a maximum gradient of 1:3 to the top of the new</p>

	<p>retaining wall or down to the existing level.</p> <p>All suitable excavated material is to be reused on site with a net import of material required to complete the ground profiling.</p>
ACCESS	<p>The SEGP will utilise the existing Sellafield road network. All material deliveries and personnel movements will be made in accordance with Sellafield Ltd's Travel Plan January 2022</p>