

Flood Risk Assessment

Proposed Beach Cafe, Needles Eye, Beach Terrace, Newbiggin by the Sea, NE64 6XE



Extent of flooding from rivers or the sea

● High ● Medium ● Low ● Very low 📍 Location you selected

Assessment:

The site of the proposed works shall be constructed over a concrete platform, raised some 500mm above the existing sea front promenade and sheltered by an substantial existing grass embankment to the rear, West. The base of the proposed café shall be created from a ‘cut and fill’ exercise, protected from flooding by the existing sea wall defences.

The buildings shall comprise two seaworthy shipping containers, an 18.250m x 3.440m x 2.590m section containing kitchen + prep areas, servery and dining facilities, a smaller container, some 6.060m x 2.440m x 2.590m shall house surfboards for distribution and public use. By their nature, the containers offer a considerable degree of resistance to the worst of weather conditions.

The weather resistant containers are raised some 500mm above the existing sea front promenade which is a further meter or two above sea level. The promenade itself is protected by significant concrete coastal defence’s which will provide the new works with substantial protection.

We consider that the proposals shall not alter or make worse any of the existing flood defences in any way, with the operators, well aware of any associated risks in the installation of the containers in the location as proposed.