

NEC4 Engineering and Construction

Contract

Site Information

Contract Title	ENV000287C – Preston Beach Revetment Scheme
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SI 100 Site location

SI 105 Site location

Location Details

The location of the site is shown in this section of the Site Information.

The project is located at: NGR: SY6872880653

Preston Beach
Greenhill
Weymouth
DT4 7SL

Heritage Designations

NEAS have screened the proposed works, but have not identified any specific Heritage Designations. Please refer to NEAS Screening Register:
NEAS Screening Register - Preston Beach_TL_07Apr2021

Environmental Designations

The Working Areas have no environmental designations. The adjacent RSPB Reserve at Lodmoor is designated as a SSSI. Further details can be found in the;

- Environment Plan – March 2021 v3
- NEAS Screening Register_07Apr2021

SI 200 Reports and surveys

SI 205 Report and surveys

Ecological Information

An Environment Plan has been prepared by the EA's Area FBG Team;

- Environment Plan – March 2021 v3

NEAS have screened the project and details are contained in;

- NEAS Screening Register_07Apr2021

Archaeological Information

	<p>Archaeology has been considered during the NEAS Screening process. Details contained in;</p> <ul style="list-style-type: none"> - NEAS Screening Register_07Apr2021 <p>There is the possibility of uncovering World War II beach defences, but as the site has already been engineered during construction of the Preston Beach Scheme, this is considered to be very low risk.</p> <p><u>Geotechnical Information</u></p> <p>No ground investigation works have been specifically undertaken for this project. The beach is known to be made up from predominantly shingle material, and has been previously engineered on construction of the scheme.</p> <p>The performance of the proposed revetment is not reliant on ground conditions for structural stability etc.</p> <p>The <i>Client</i> is not aware of asbestos on site.</p> <p>Asbestos material has not been noted anywhere on the Site, the risk of encountering any asbestos materials during the proposed test pile works is extremely low.</p> <p><u>Topographic Information</u></p> <p>A topographic survey of the Site was undertaken in September 2020 to inform the design process. Topo information is shown on drawing;</p> <ul style="list-style-type: none"> - 1007229 – Preston Beach Topographic Survey <p><u>Unexploded Ordnance</u></p> <p>Zetica UXO Risk Map categorises the Site as being at high risk of encountering UXO, the Risk Map is included in :</p> <p>Appendix 1.</p> <p>However, the beach was significantly modified during construction of the flood alleviation scheme, with construction of the promenade, Lodmoor Outfall & existing revetment have been constructed in the area of the proposed revetment. Encountering a UXO is considered to be extremely low risk in this location.</p> <p>Historic use of the site also suggests UXO risk is low. No detailed investigation has been completed.</p> <p><u>Hydrographic and Hydrological Data</u></p> <p>Preston Beach is a coastal location and has no specific telemetry outstation or water level measuring instrumentation.</p> <p>Wave Buoy data can be accessed at; https://coastalmonitoring.org/realtimedata/?chart=84&tab=waves</p> <p>The Environment Agency provide a Flood Warnings service for Preston Beach which can be received by signing up to Flood Warnings Direct (FWD).</p>
<p>SI 300 Public Information</p>	
<p>SI 305 Public information</p>	<p><u>Land Ownership</u></p>

	<p>The Land owner is Dorset Council who are supportive of managing the sea defences at Preston.</p> <p>Consents</p> <ul style="list-style-type: none"> - A 'Flood Risk Activity Permit' is not required for these works. - Planning Permission is not required. These works can be undertaken by the Environment Agency as Permitted Development.
<p>SI 400 Buried pipes, services and other objects</p>	
<p>SI 405 Buried pipes, services or other objects</p>	<p>Existing Services</p> <p>Underground and overhead services information has been provided for the following:</p> <ul style="list-style-type: none"> • Gas - Initial enquiries have found that SGN have LPM gas services in the vicinity of the works – Beneath the Highway, will not be affected by the works. • Water - Initial enquiries have found that Wessex Water have water main and sewer services in the vicinity of the works - Beneath the Highway, will not be affected by the works • Electric - Initial enquiries have found that Scottish and Southern Electricity Networks have LV mains services in the vicinity of the works. Beneath the Highway, will not be affected by the works • Telecommunications - Initial enquiries have found that BT have telecommunication equipment and services in the vicinity of the works. Beneath the Highway, will not be affected by the works. • Sealife Centre Intake Pipe – It is known that a sea water intake pipe supplying the Sealife Centre (landward of the Working Area) runs to the north of the working area. The Rock Revetment has been designed to stop short of the pipe alignment, the approximate location of which is shown on the design drawings. The Contractor is to complete sufficient checks / investigations to support method and enabling works to ensure the inlet and outfall are protected at all times through project. Sufficient cover of shingle material for plant and machinery should be maintained to prevent these from becoming damaged. • Lodmoor Outfall Structure – Partway along the beach, there is an outfall structure from the the Lodmoor Reserve. (NGR: SY6902480956 – Refer to Site Plan in Appendix 1). The Contractor is to complete sufficient checks / investigations to support method and enabling works to ensure the inlet and outfall are protected at all times through project. Sufficient cover of shingle material for plant and machinery should be maintained to prevent these from becoming damaged. <p>A detailed utility search including ground penetration radar has not been carried out due to the nature of the scheme and location.</p>
<p>SI 500 Buildings, structures and other things adjacent to the Site</p>	

SI 505 Buildings, structures and other things adjacent to the Site

As-Built Drawings

Details of the Terminal Groyne structure are provided in the following:

As Built Drawings:

- AACEP_P01 1993
- AACEP_P03 1993
- AACEP_SK_03 1993
- FD99-32-01 1999
- FD99-32-02 1999
- AACEP1_21_Lodmoor Outfall
- AACEP1_22_Sea Life Intake

Outfall and Inlet culverts

The following existing structures are on the Site and access route along the beach :

- Lodmoor Outfall Culvert combined with the Terminal Groyne Structure.
- Lodmoor Outfall Culvert to the North of the Working Area.
- Sealife Centre Intake Pipe – Directly to the north of the working area.

Utilities Infrastructure

Infrastructure for buried and above ground utilities (including high voltage electricity cables and pylons) have been collated and are presented on the drawings provided in this part of the Site Information (SI 405).

Access Points

Ramp at the Greenhill / Weymouth end of the beach

- This access point is only suitable for cars or light vans, or pedestrian access to site.

Ramp at Overcombe end of the beach (North end).

- Plant & Machinery access point