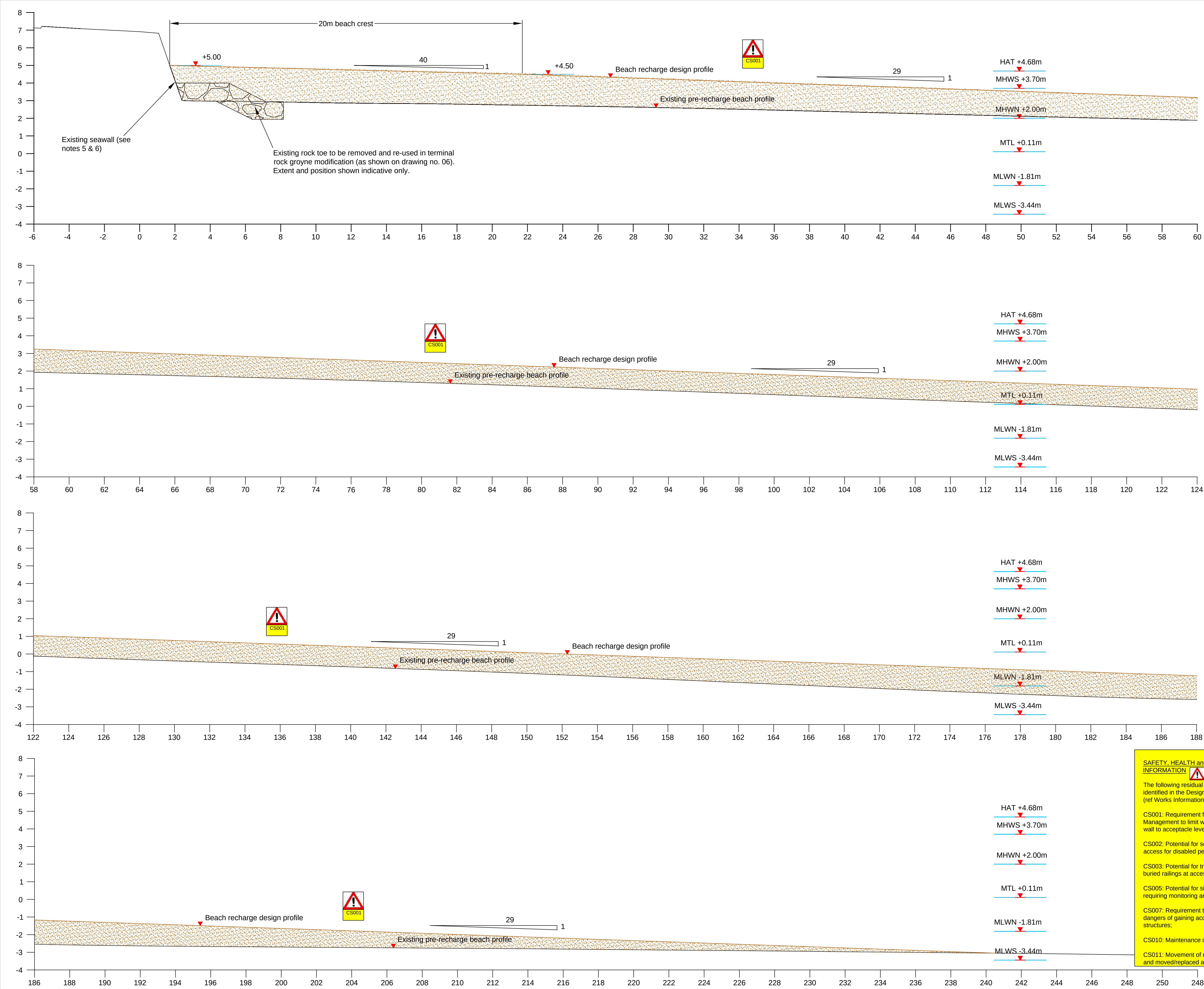




Notes

1. All levels are in metres and are relative to OD (Ordnance Datum). All dimensions in metres unless otherwise stated. Horizontal Control points are relative to the National Grid OSGB36.

2. Do not scale from this drawing.

3. Existing foreshore levels applying across the frontage vary and those shown, taken from a survey recorded July 2020, are indicative and not to be taken as representative at any specific point. Volumes of sand to be imported shall be defined from comparison of the above profile with a survey of the beach applying prior to beach importation commencing.

4. The recharge profile shown shall apply across the whole Colwyn Bay frontage between the terminal groyne at Porth Eirias and the first set of steps south of the terminal groyne at Rhos-on Sea.Between the set of steps and the groyne the beach level shall fall from this profile to the existing beach level along the southerly flank of th groyne.

5. Representation of Armour Stone Blocks shown are schematic and do not specify or imply exact sizes, shapes or layers of stone to be excavated.

6. Structure setting out lines and levels to be established on site, following pre-commencement survey.

7. Prior to the beach recharge commencing the Contractor shall carry out enabling works as follows:

- Removal of designated rock groynes and existing se wall toe protection;

- Re-construction of the terminal rock groyne at Rhos-on-Sea;

- Re-placing of any surplus excavated rock along the toe of the sea wall, south of the existing Phase 2b slipway;

- Along the section where existing armour stone has been removed along the toe of the sea wall, the condition of the wall shall be ascertained and the Contractor shall, if instructed by the Supervisor, carry out repair works to the sea wall before recharge is carried out in that section;

- Concrete steps over the existing rock groynes to be removed shall be broken up and removed from site;

- Construction of outfall extensions and associated works, as detailed elsewhere.

LIST OF DRAWINGS

66-2010-01: Phase 2b - Existing Beach Arrangements

66-2010-02: Phase 1 - Existing Beach Arrangements

66-2010-03: Phase 2b - Proposed Beach Arrangements

66-2010-04: Phase 1 - Proposed Beach Arrangements

66-2010-05: Typical Beach Recharge Cross Section

66-2010-06: Rhos-on-Sea Terminal Groyne Modifications

2	Drawing List Added	AJW	AD	8/7/21
1	Notes amended: SHE information added	AJW	AD	6/7/21
REV	DETAIL	DRAWN	CHECKED	DATE
PROJECT				
Colwyn Bay Waterfront Phase 2b Coastal Defences				
TITLE				
Typical Beach Recharge Cross Section				
Coastal Engineering UK Ltd 26 Rhodesway, Wirral, CH61 0HG				
Email: ceuk@coasteng.co.uk			Tel: (0151) 558 1956	
DRAWN BY:		CHECKED BY:	APPROVED BY:	APPROVAL DATE:
AJW		AD	NH	08/07/21
SCALE @ A1: 1:100		CAD File Ref: File: Phase 2b Layout.dwg Layout: 05 Beach Recharge Typical Section		
				
PROJECT Ref:		DRAWING No:		REV
100374-CEUK		/ 66-2010-05-02-T		2

SAFETY, HEALTH and ENVIRONMENTAL INFORMATION

The following residual hazards have been identified in the Designer's Hazard Register (ref Works Information)

CS001: Requirement for Regular Beach Management to limit wave overtopping of sea wall to acceptable levels;

CS002: Potential for soft sand impeding access for disabled persons;

CS003: Potential for trip hazards arising from buried railings at access points;

CS005: Potential for siltation at harbour mouth requiring monitoring and clearance;

CS007: Requirement to warn public of dangers of gaining access on/over rock structures;

CS010: Maintenance of Navigation markers;

CS011: Movement of rocks to be monitored and moved/replaced as necessary