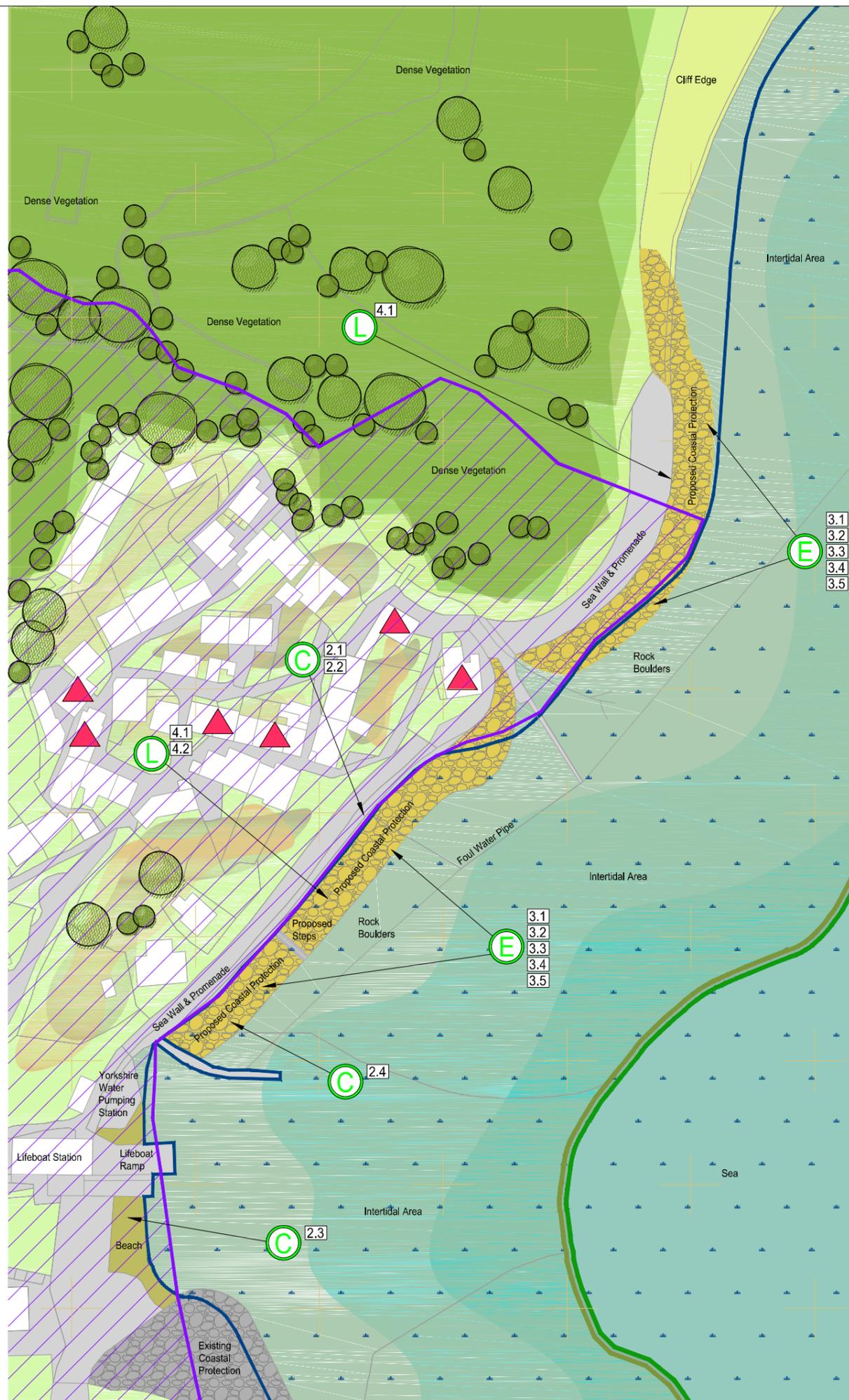


- T** Timing Constrains:
- 1.1 Avoid adverse impacts on bathing waters, local residents, visitor amenities, local businesses, the tourist economy and ecology

- C** Construction Phase Mitigation Measures:
- 2.1 Minimise noise disruption from construction activities, including night-time working.
 - 2.2 Suitable siting of construction and storage areas to avoid disruption to residents and visitors and minimise visual impact.
 - 2.3 Public access to beaches to be maintained - management of traffic and considerate site practices during construction.
 - 2.4 Measures required to reduce the risk of harm from clambering over rock boulders.

- E** Ecological Issues:
- 3.1 Protection of sensitive ecological features from disturbance or damage. Opportunities to establish new habitats to be sought.
 - 3.2 The existing sandstone blocks supporting interesting animal and plant life to be incorporated on the seaward side of any granite block armour adjacent to the seawall.
 - 3.3 Existing rock pools to be incorporated into detailed design where possible to enhance diversity and provide an area of interest for visitors.
 - 3.4 Granite to be sourced from the same area as the existing defences, to increase biodiversity.
 - 3.5 Release of contaminants from construction to be examined and addressed.

- L** Landscape Issues:
- 4.1 Reduce visual impact from the village, promenade, the North Yorkshire Moors National Park to a minimum practicable - Proposed rock armour will be visually similar to the existing coastal protection in the south of the bay, to minimise the magnitude of visual change
 - 4.2 Risk to Townscape, Conservation Areas and Listed Buildings - The rock fillet option has been chosen for its minimal visual impact in contrast to other protection solutions that risk creating larger structures, or introducing incongruous elements into the landscape.



Key:

- Sea
- Intertidal Area
- Beach
- Hard Surface
- Buildings
- Existing Coastal Protection
- Proposed Coastal Protection
- Cliff Edge
- Informal Open Space/Private Gardens
- Dense Vegetation
- Trees
- North Yorkshire Moors National Park
- Maritime Conservation Zone
- North Yorkshire and Cleveland Heritage Coast
- Runswick Bay Conservation Area
- Listed Buildings

- Notes:**
1. All dimensions are in millimetres unless otherwise stated.
 2. All levels are in metres to Ordnance Datum Newlyn.
 3. All chainages in metres.
 4. Section information obtained from 2002 strategy report (High-Point Rendel).
 5. Water level information from Admiralty charts 2005.

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PRELIMINARY

Rev	By	Chkd	Apprvd	Date	Description
A	KD	DTM		July 2015	Finalise

Client: Scarborough Borough Council
 Scarborough Borough Council
 Town Hall
 St Nicholas Street
 Scarborough
 North Yorkshire
 YO11 2HG
 Tel: 01753 233448
 www.scarborough.gov.uk

Halcrow Group Limited
 Endeavour House, Forder Way, Cynnet Park, Hampton, Peterborough, PE7 8GX
 Tel: +44 (0) 1753 560033
 www.CH2M.com

Project: **RUNSWICK BAY COASTAL STRATEGY**
Runswick Bay Seawall Project Appraisal

INDICATIVE LANDSCAPE PLAN

Drawn by: KD Date: July 2015
 Checked by: DTM Date: July 2015
 Approved by: - Date: -

Drawing No. 473342 - P - xxxxxxx
 Revision A

Drawing Scale: 1:500 @A3