

The Lighthouse Green Fuels Order

Application Reference: EN0110025

Applicant: LGF Projects Limited

Marine Works Indicative Proposed Site Plan

Document Reference: 2.8.2

Revision: 00

APFP Reg. 5(2)(o)

Document information

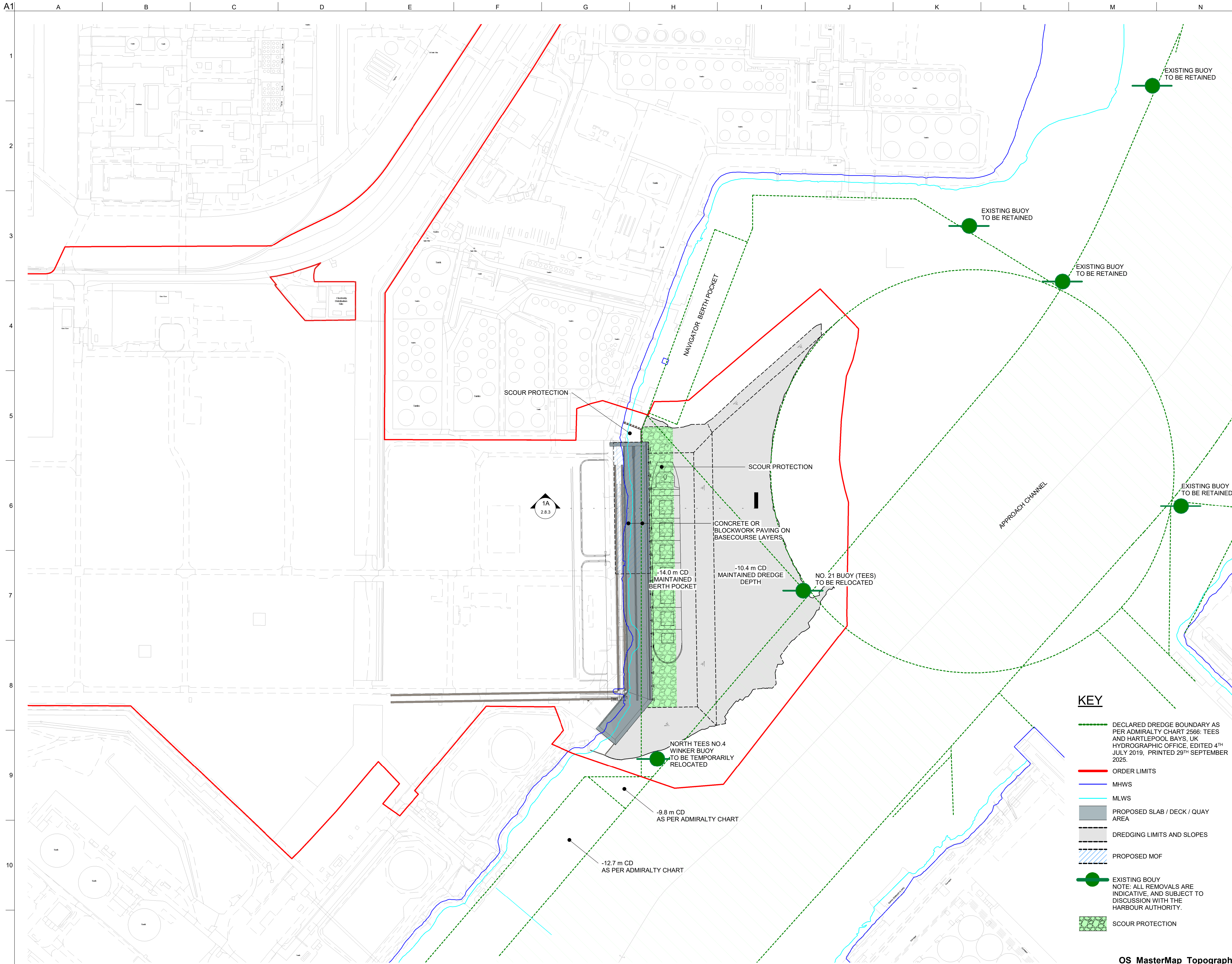
Document Title	Marine Works Indicative Proposed Site Plan
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Author	Arup

Revision record

00	Purpose	DCO Application Submission
	Date	September 2026

Information classification

Information Classification	Date	Reason
Public	September 2026	Proprietary information which will have no impact on the company if disclosed publicly

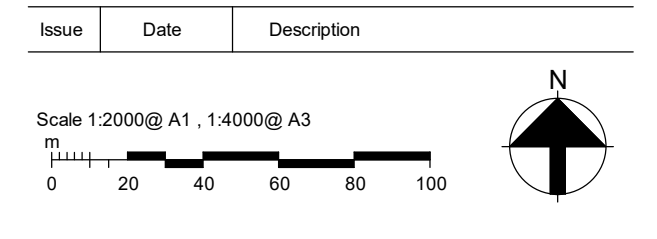


- NOTES:
- ALL DIMENSIONS ARE IN METRES (m) UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE GIVEN IN METRES CHART DATUM (m CD) WHICH IS 2.85m BELOW ORDANCE DATUM (NEWLYN).
 - THIS DRAWING MUST BE READ IN COLOUR.
 - ALL PROPOSED DREDGE DEPTHS ARE MAINTAINED DREDGE DEPTHS UNLESS NOTED OTHERWISE.
 - VIEWS SHOWING STRUCTURAL COMPONENTS SUCH AS PILES, ANCHOR WALLS AND TIE RODS ARE INDICATIVE AND INTENDED TO CONVEY THE GENERAL ARRANGEMENT AND FOOTPRINT OF THE PROPOSED LAYOUT UNLESS NOTED OTHERWISE.

TIDAL STATE	2025 (m CD)	2080 (m CD)
HIGHEST ASTRONOMICAL TIDE (H.A.T)	+6.0	+6.44
MEAN HIGH WATER SPRINGS (MHWS)	+5.5	+5.94
MEAN HIGH WATER NEAPS (MHWN)	+4.3	+4.74
MEAN SEA LEVEL (MSL)	+3.15	+3.99
MEAN LOW WATER NEAPS (MLWN)	+2.0	+2.44
MEAN LOW WATER SPRINGS (MLWS)	+0.9	+1.34
LOWEST ASTRONOMICAL TIDE (L.A.T)	+0.0	+0.44

TIDAL LEVELS FOR 2025 BASED ON RIVER TEES ENTRANCE FROM UKHO ADMIRALTY TOTAL TIDE (EXTRACTED ON 21/07/2025). TIDAL LEVELS FOR 2080 INCLUDE A SEA LEVEL RISE ALLOWANCE BASED ON UKCP18 RCP8.5 70TH PERCENTILE (HIGHER CENTRAL).

NOTE: ALL DETAILS AND DIMENSIONS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO DETAIL DESIGN.



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Lighthouse
GREEN FUELS

Project Title
LIGHTHOUSE GREEN FUELS PROJECT

DCO APPLICATION
Drawing Title
**2.8.2 MARINE WORKS
INDICATIVE PROPOSED SITE PLAN
APFP Reg. 5 (2)(o)**

Scale at A1	As indicated	Dsg/Drw/Chkd/Appd YS/JDW/CU/CB
Role	CIVIL - MARITIME	
Status	FOR DCO APPLICATION SUBMISSION	
Arup Job No	306732-30	Rev 00
ID	2.8.2	

- KEY**
- DECLARED DREDGE BOUNDARY AS PER ADMIRALTY CHART 2566: TEES AND HARTLEPOOL BAYS, UK HYDROGRAPHIC OFFICE, EDITED 4TH JULY 2019, PRINTED 29TH SEPTEMBER 2025.
 - ORDER LIMITS
 - MHWS
 - MLWS
 - PROPOSED SLAB / DECK / QUAY AREA
 - DREDGING LIMITS AND SLOPES
 - PROPOSED MOF
 - EXISTING BUOY
NOTE: ALL REMOVALS ARE INDICATIVE, AND SUBJECT TO DISCUSSION WITH THE HARBOUR AUTHORITY.
 - SCOUR PROTECTION

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