



SCOTTISHPOWER
RENEWABLES

East Anglia ONE North and East Anglia TWO Offshore Windfarms

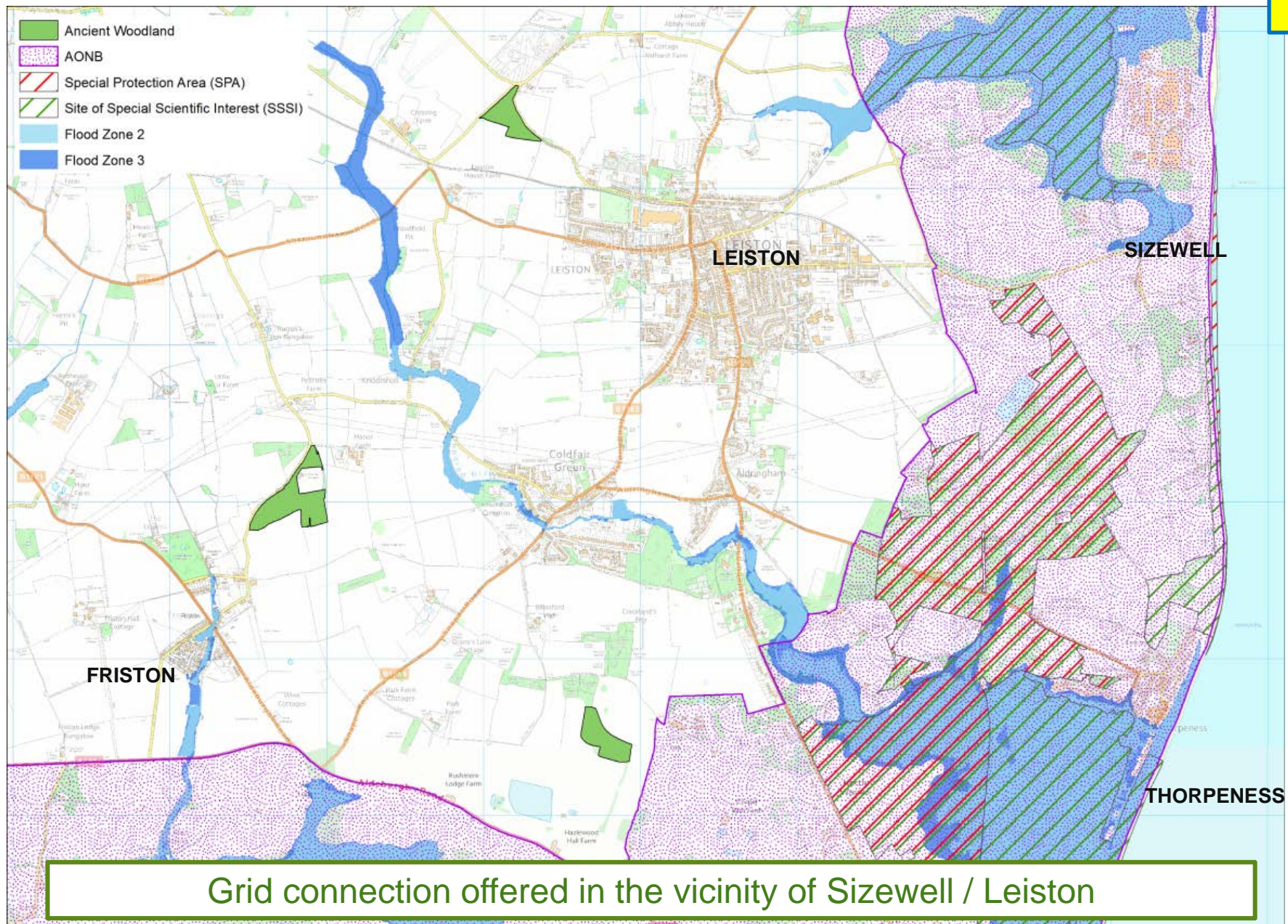
Onshore – Strategic Site Selection Presentation

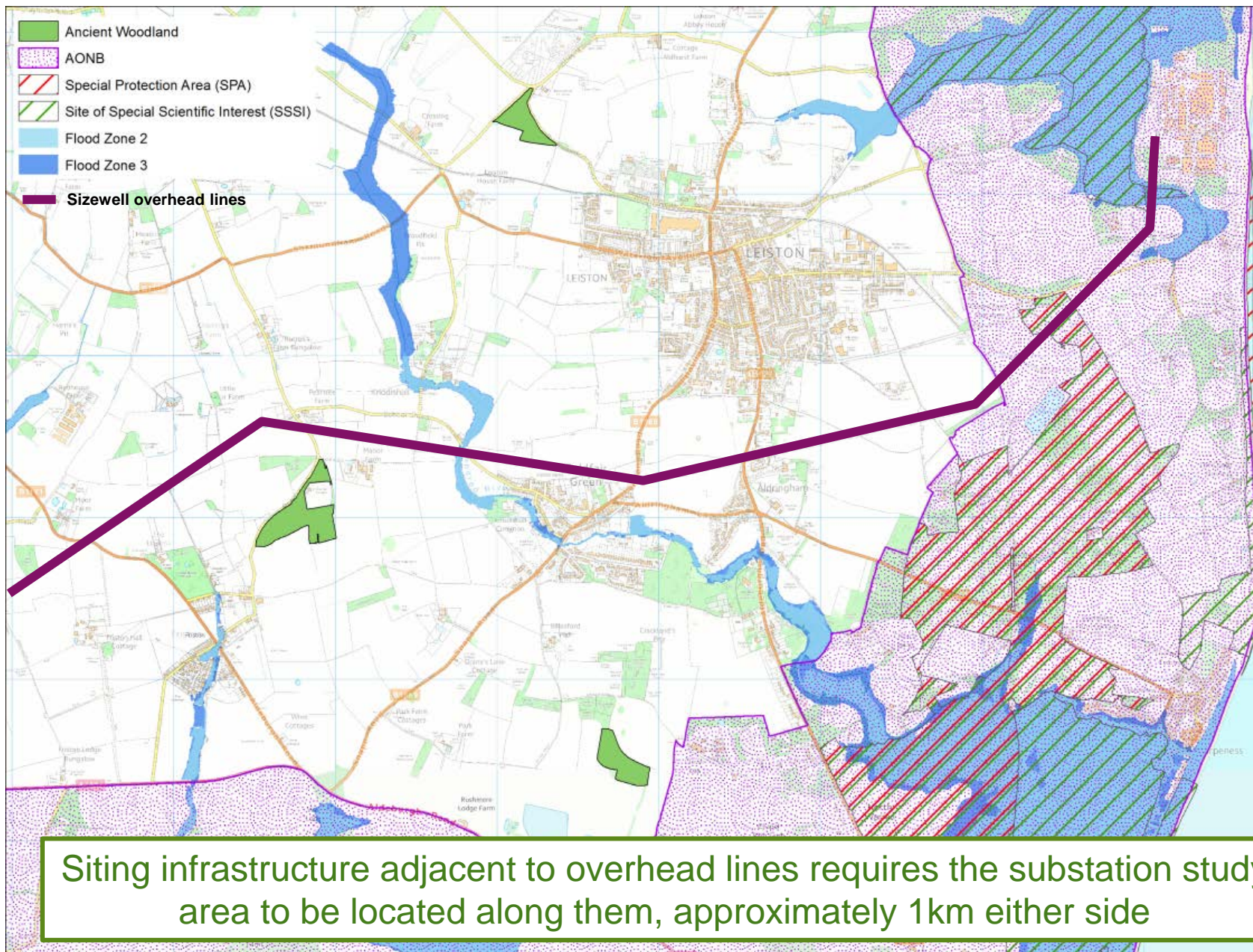
Applicants: East Anglia ONE North Limited and East Anglia TWO Limited
Document Reference: ExA.PP.ISH2.V1

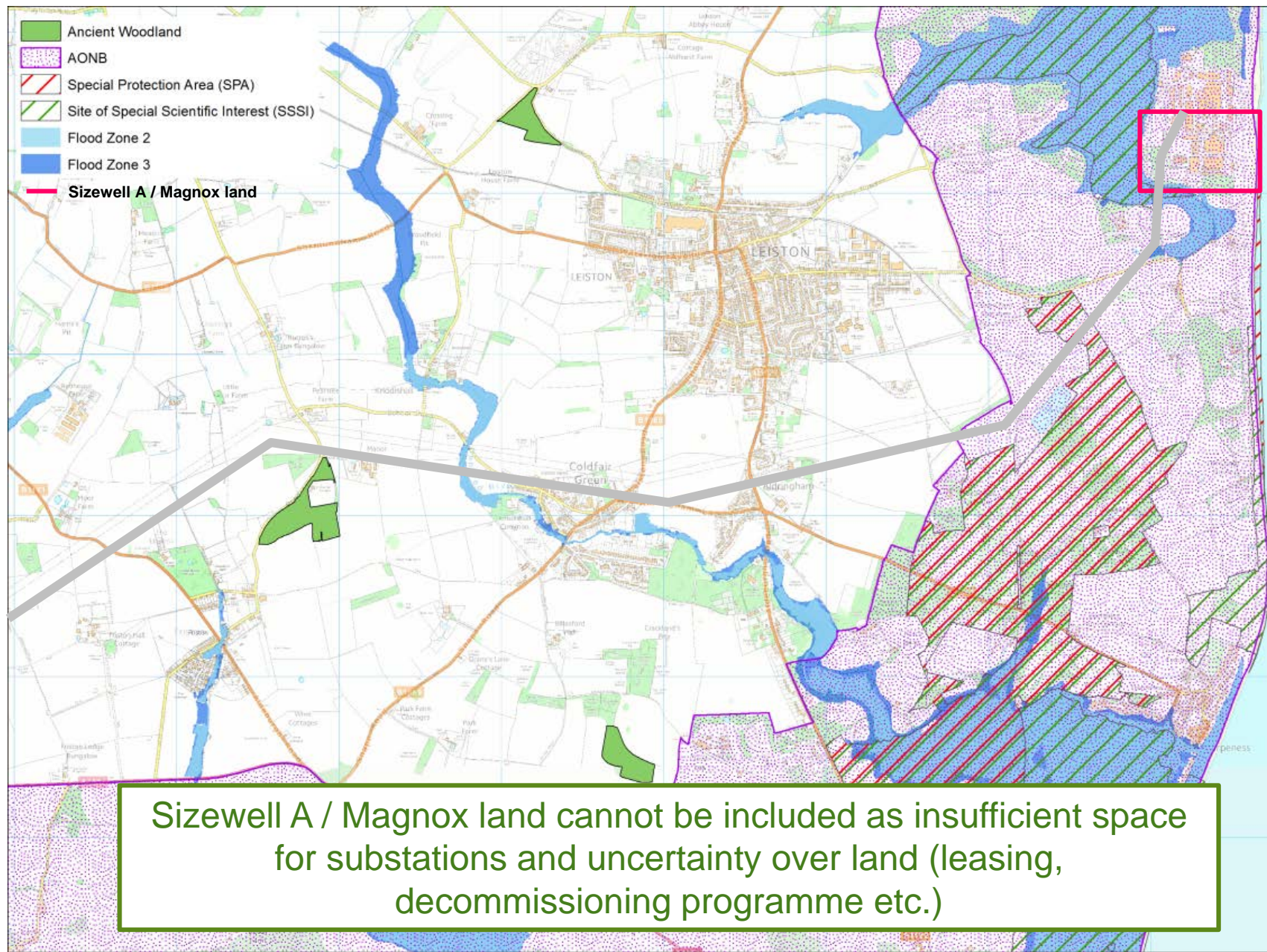
Date: 26th November 2020
Revision: Version 1
Author: Royal HaskoningDHV

Applicable to East Anglia ONE North and East Anglia TWO

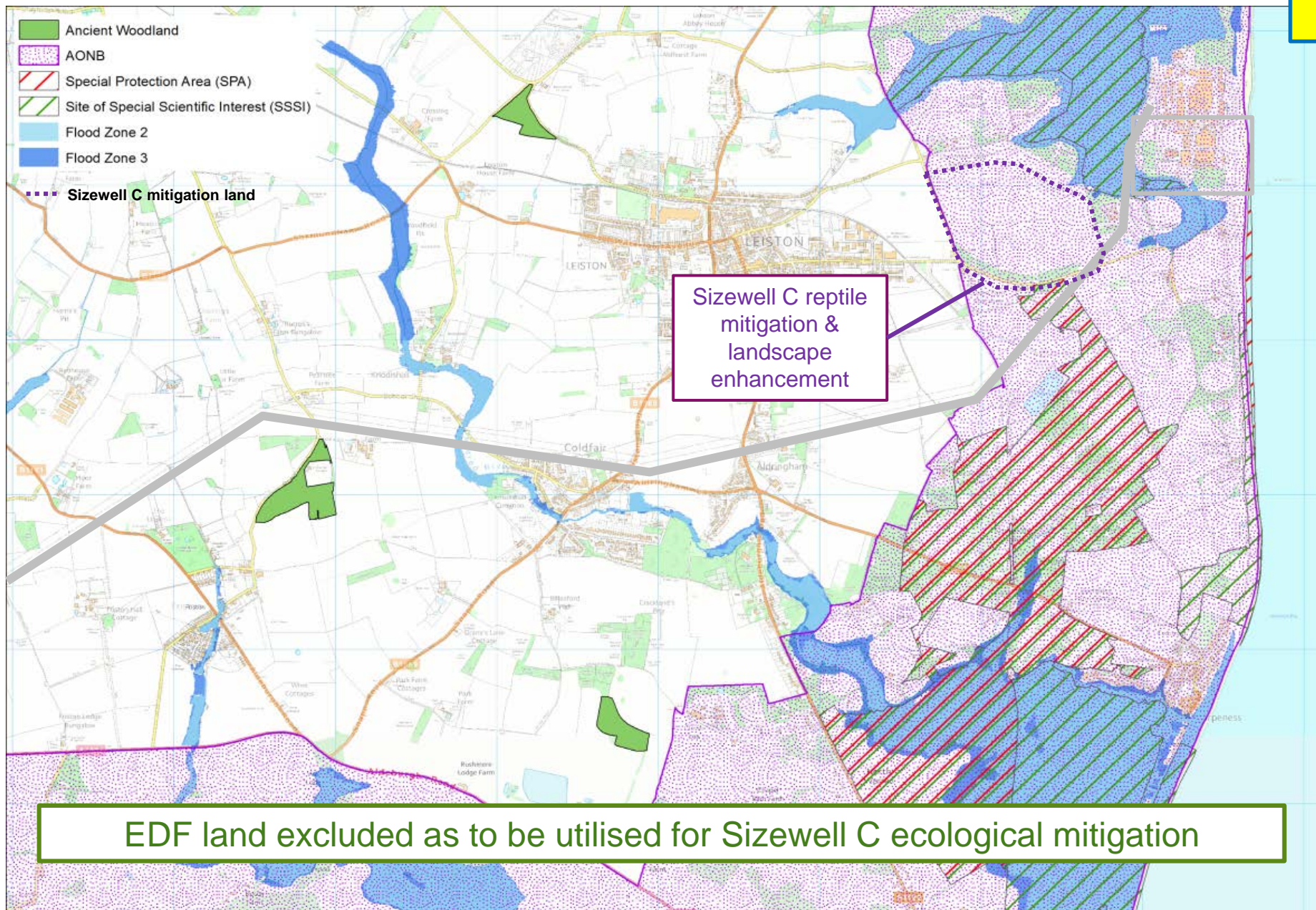
Onshore – Strategic Site Selection







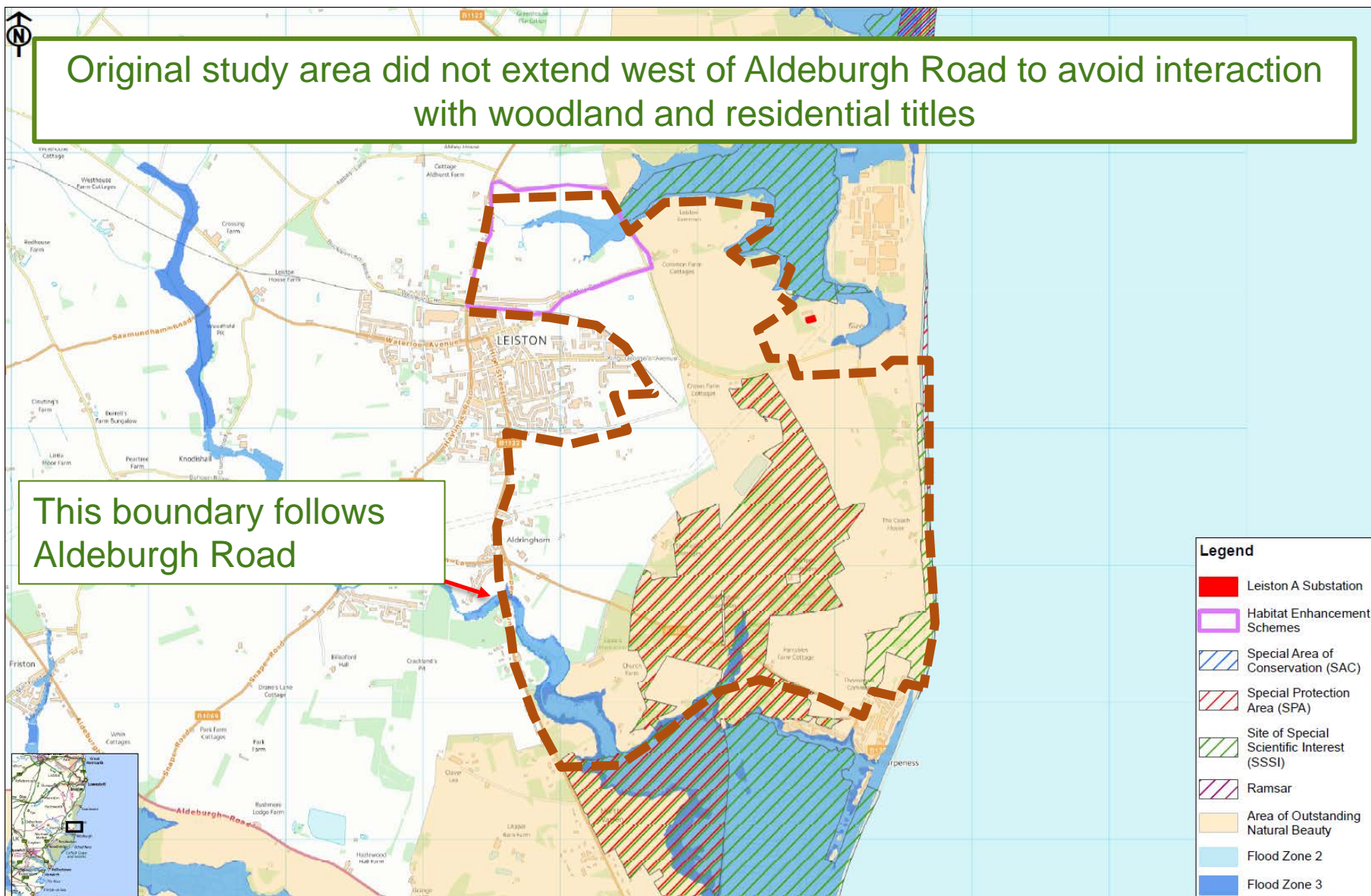
Sizewell A / Magnox land cannot be included as insufficient space for substations and uncertainty over land (leasing, decommissioning programme etc.)





Original study area did not extend west of Aldeburgh Road to avoid interaction with woodland and residential titles

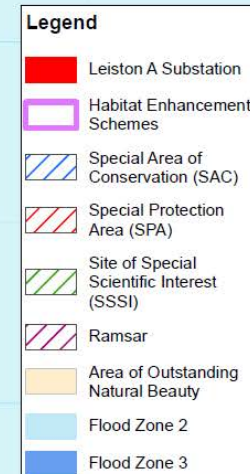
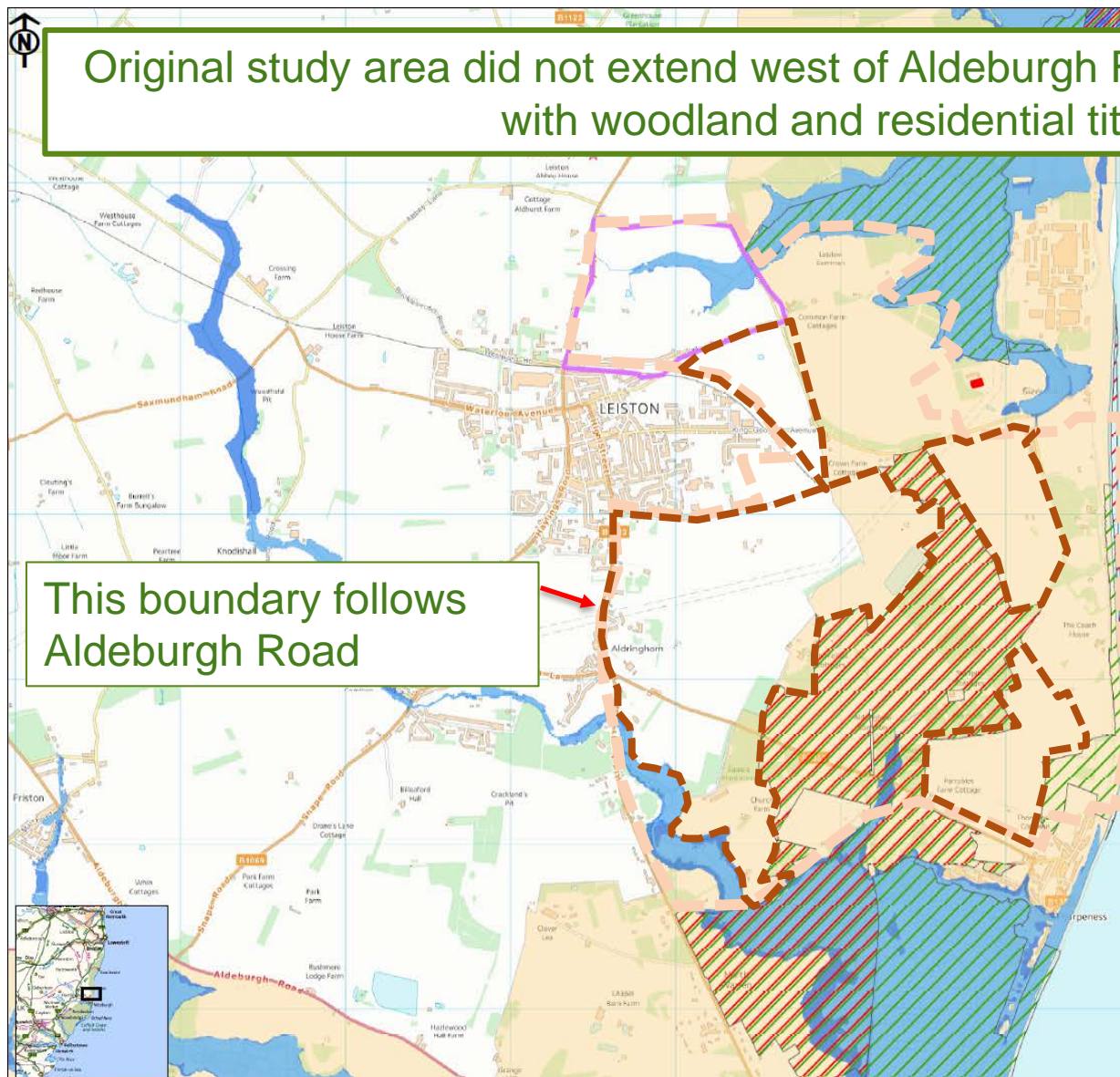
This boundary follows Aldeburgh Road



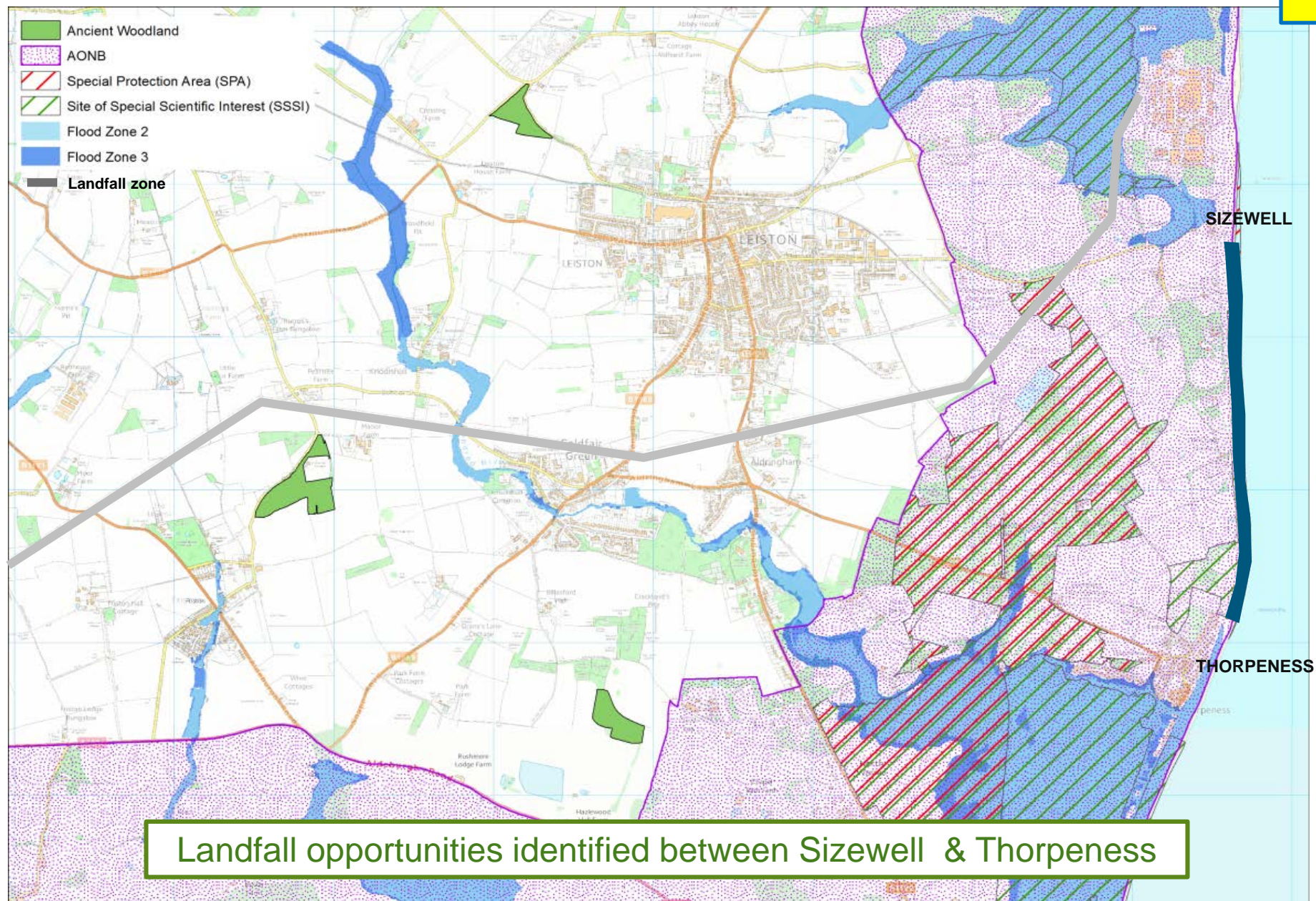


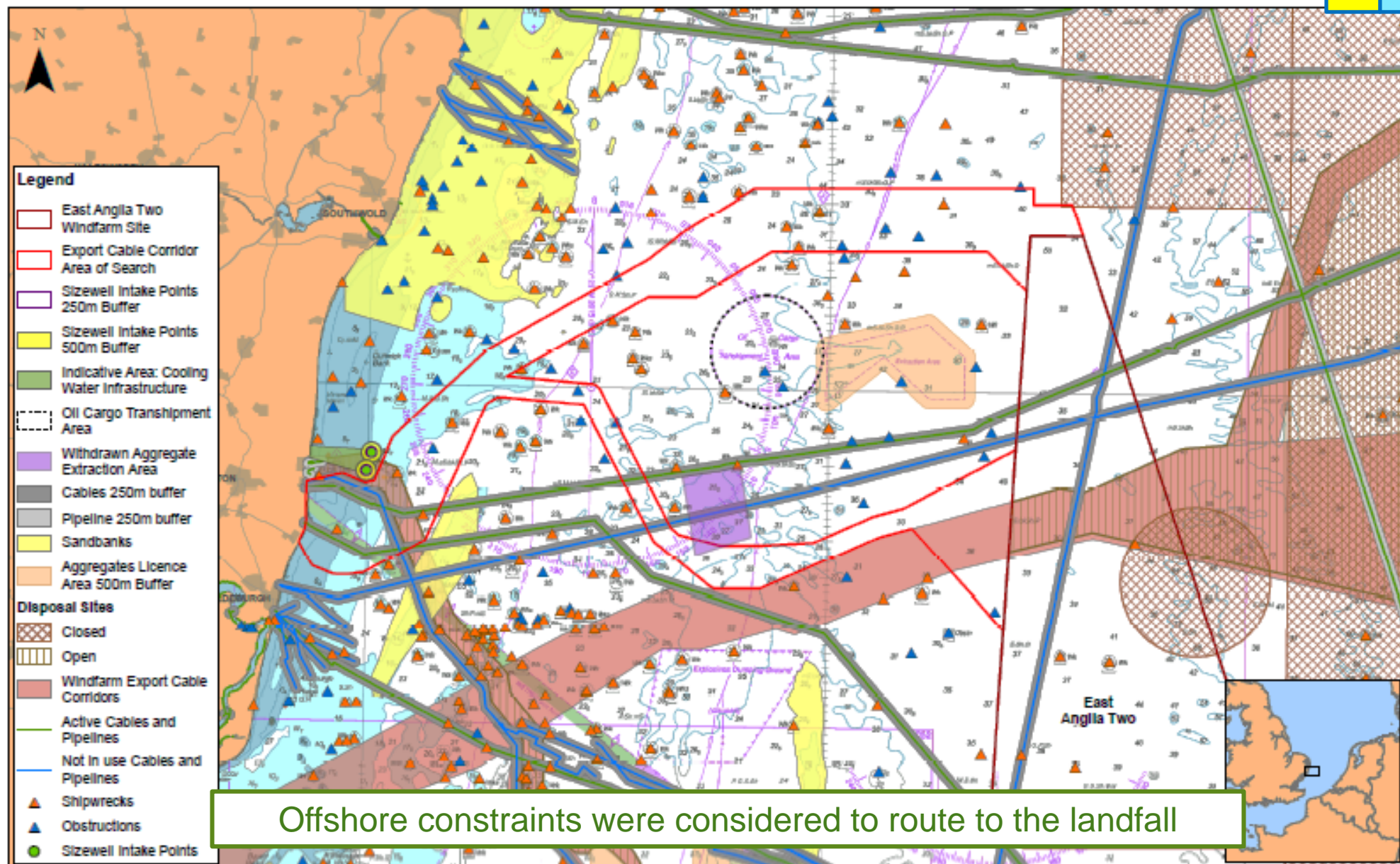
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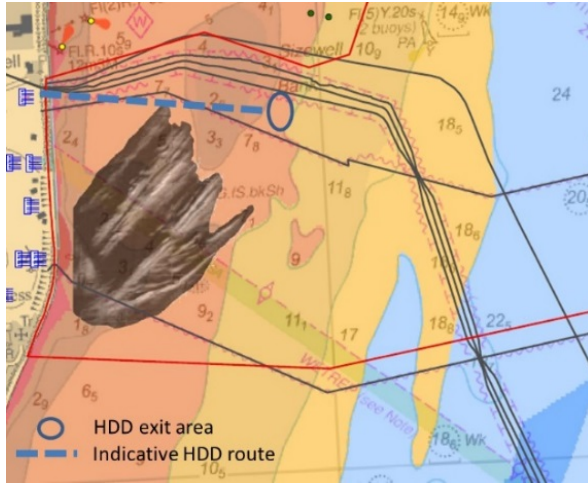




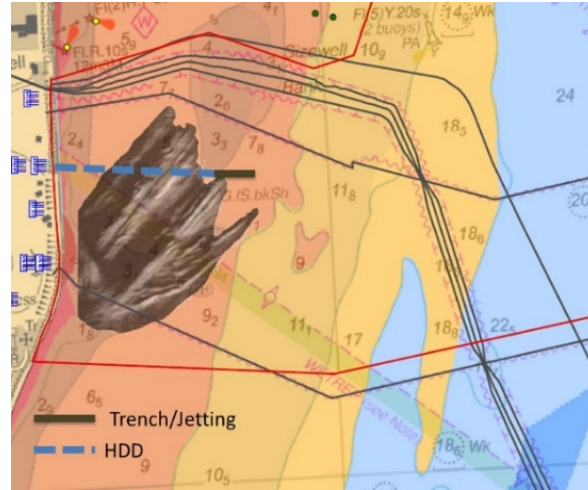




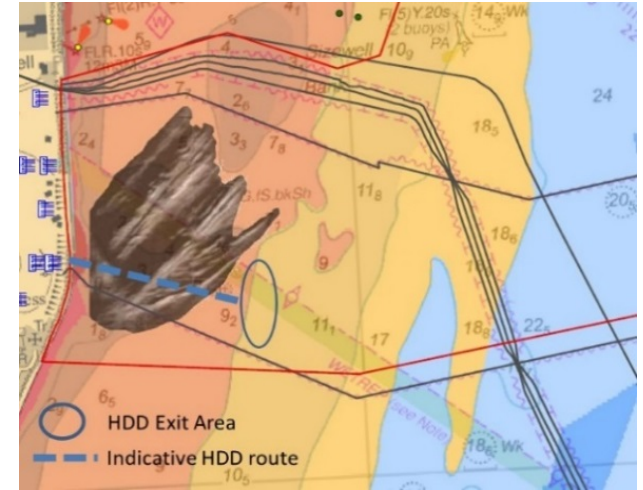
Offshore constraints were considered to route to the landfall



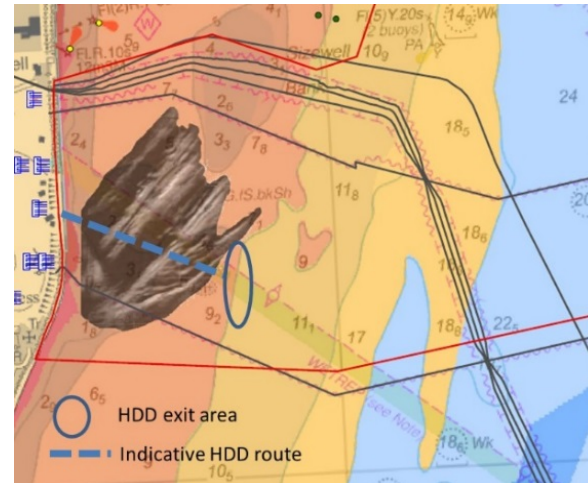
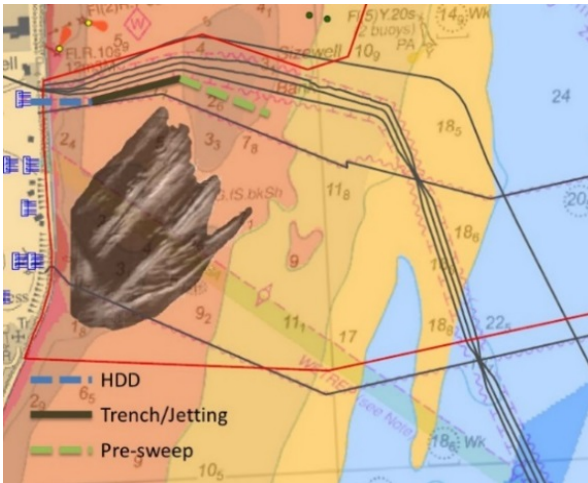
North Route



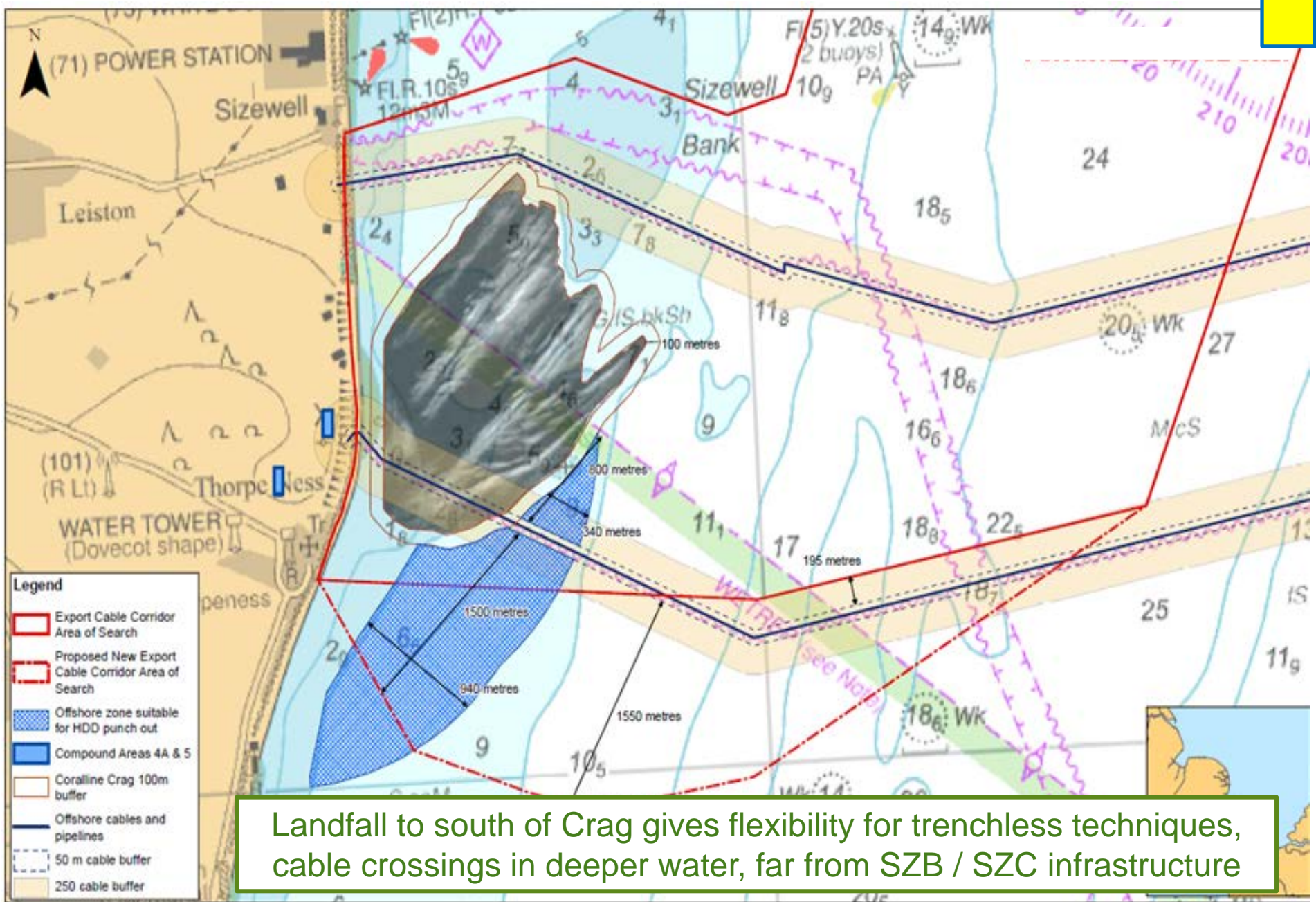
Central Route



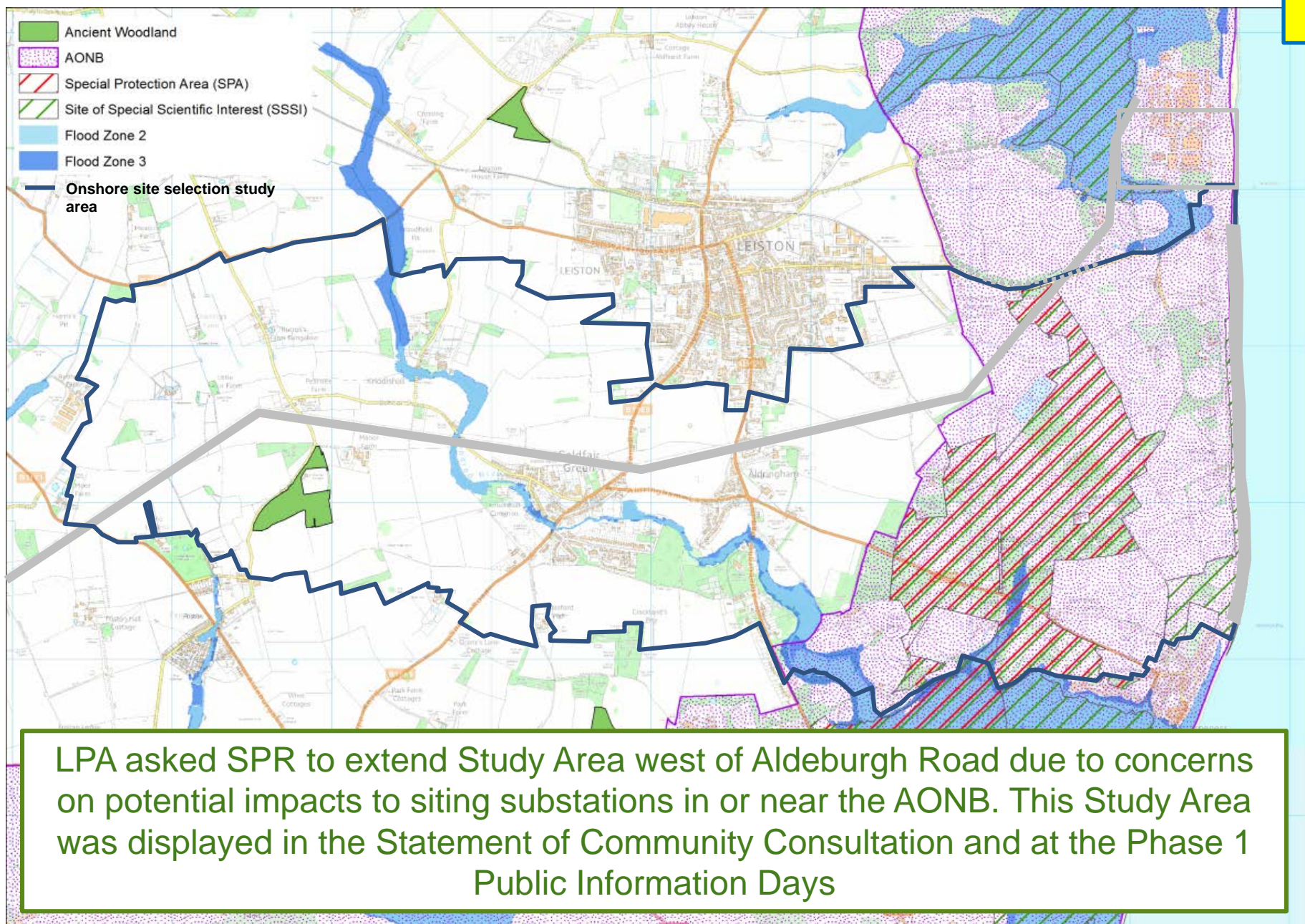
Southern Route

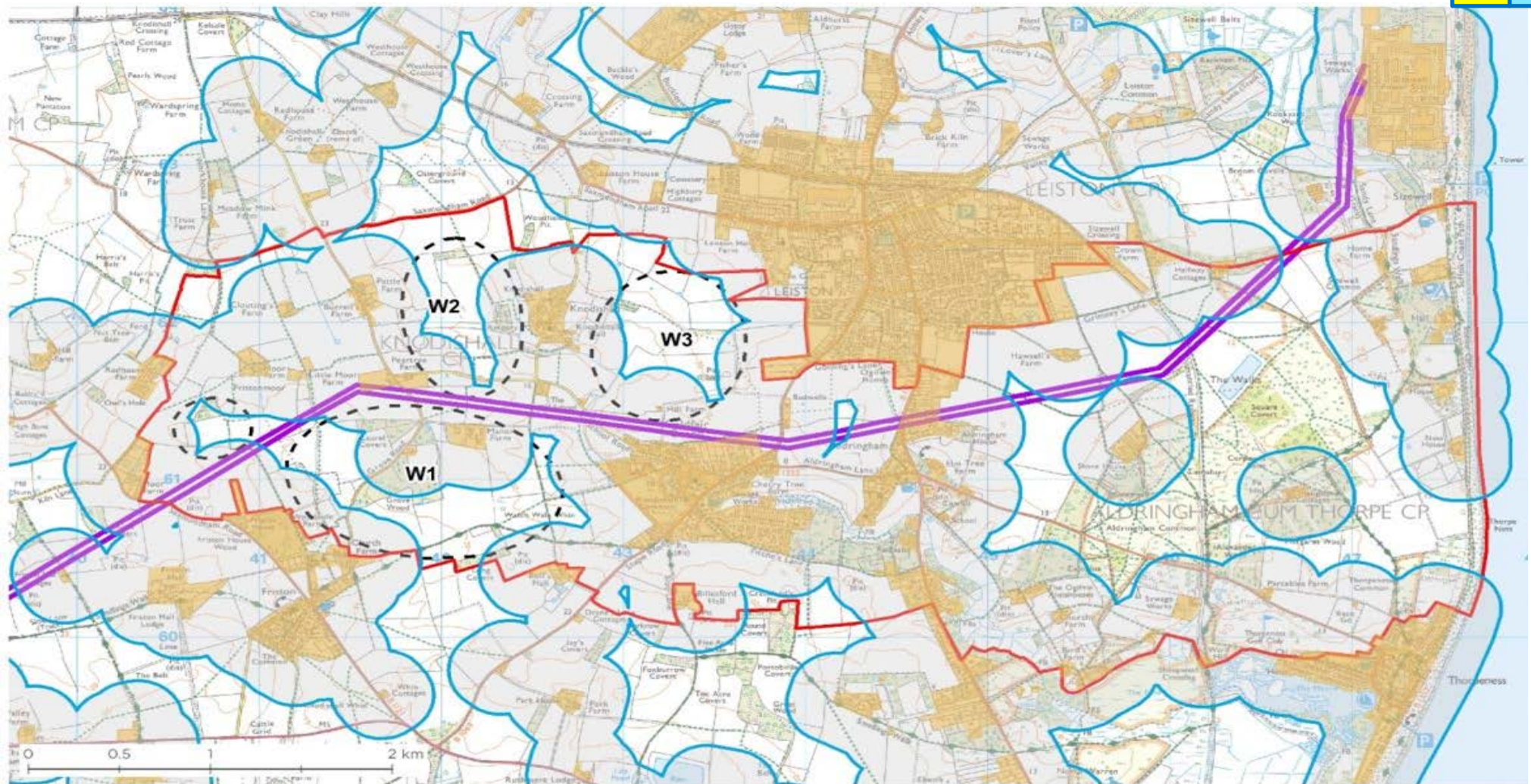


Nearshore constraints were considered for selection of the landfall, key constraints being existing infrastructure, Coralline Crag and trenchless technique capability; onshore constraints were considered in parallel

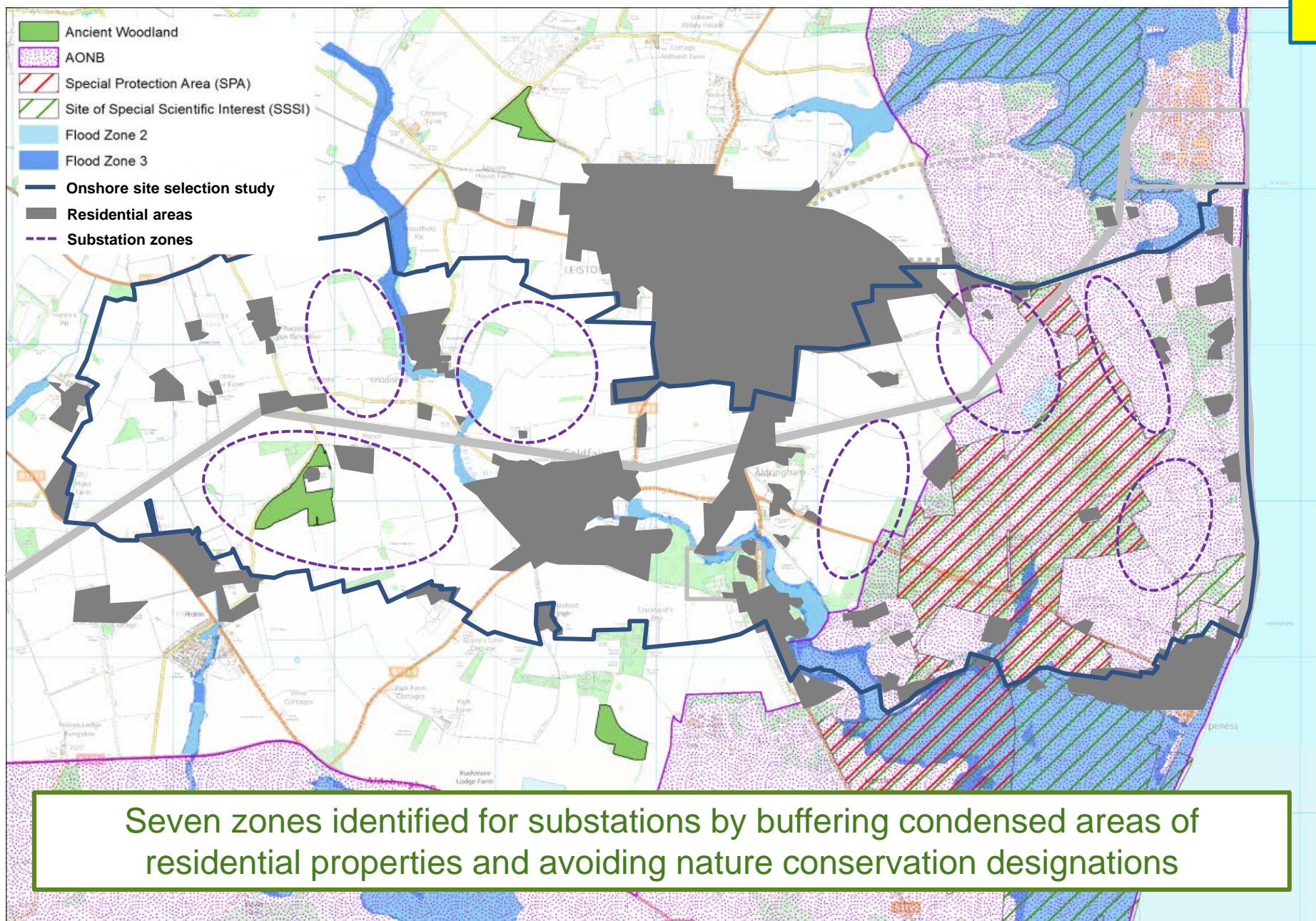


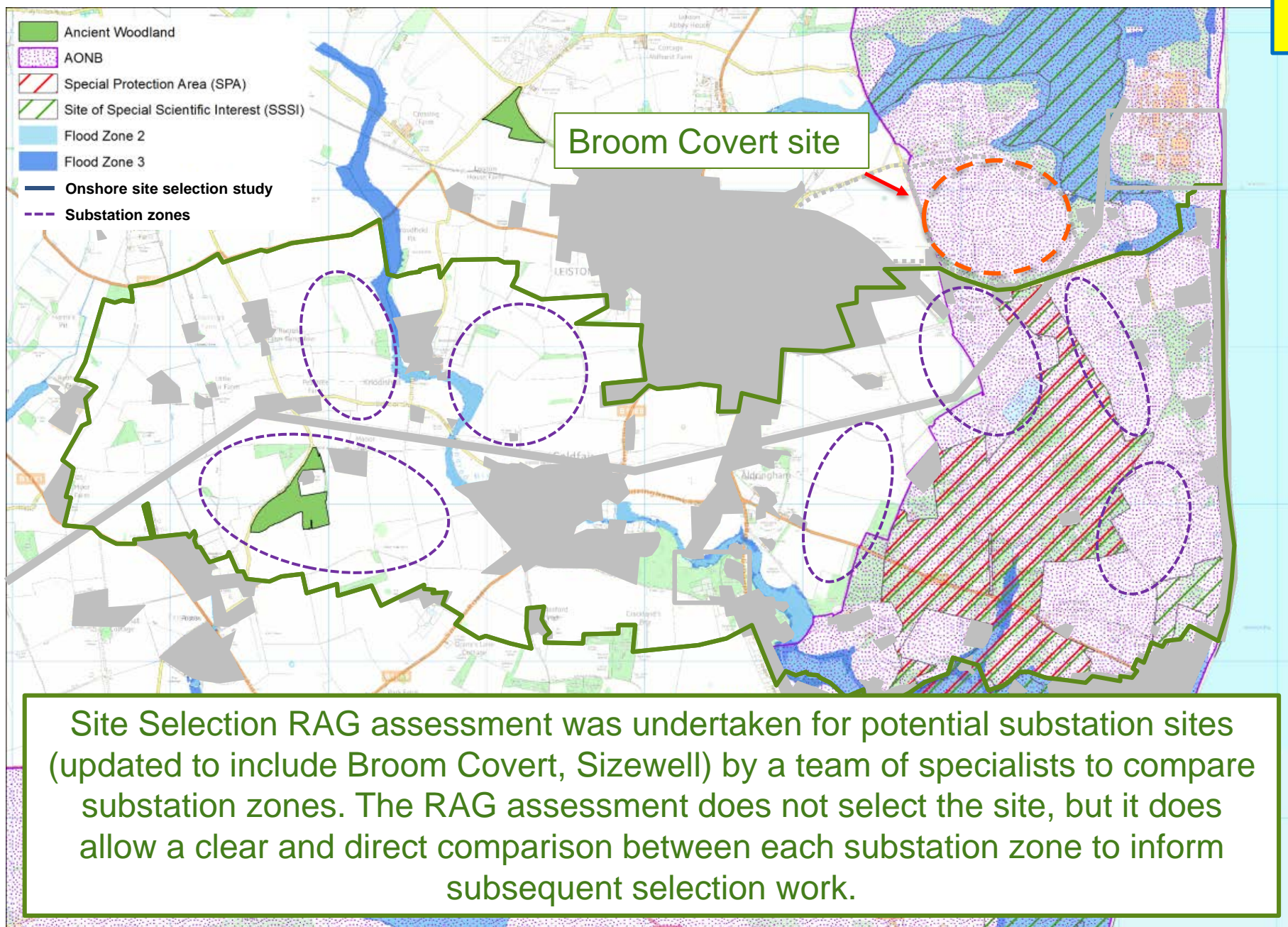
Landfall to south of Crag gives flexibility for trenchless techniques, cable crossings in deeper water, far from SZB / SZC infrastructure

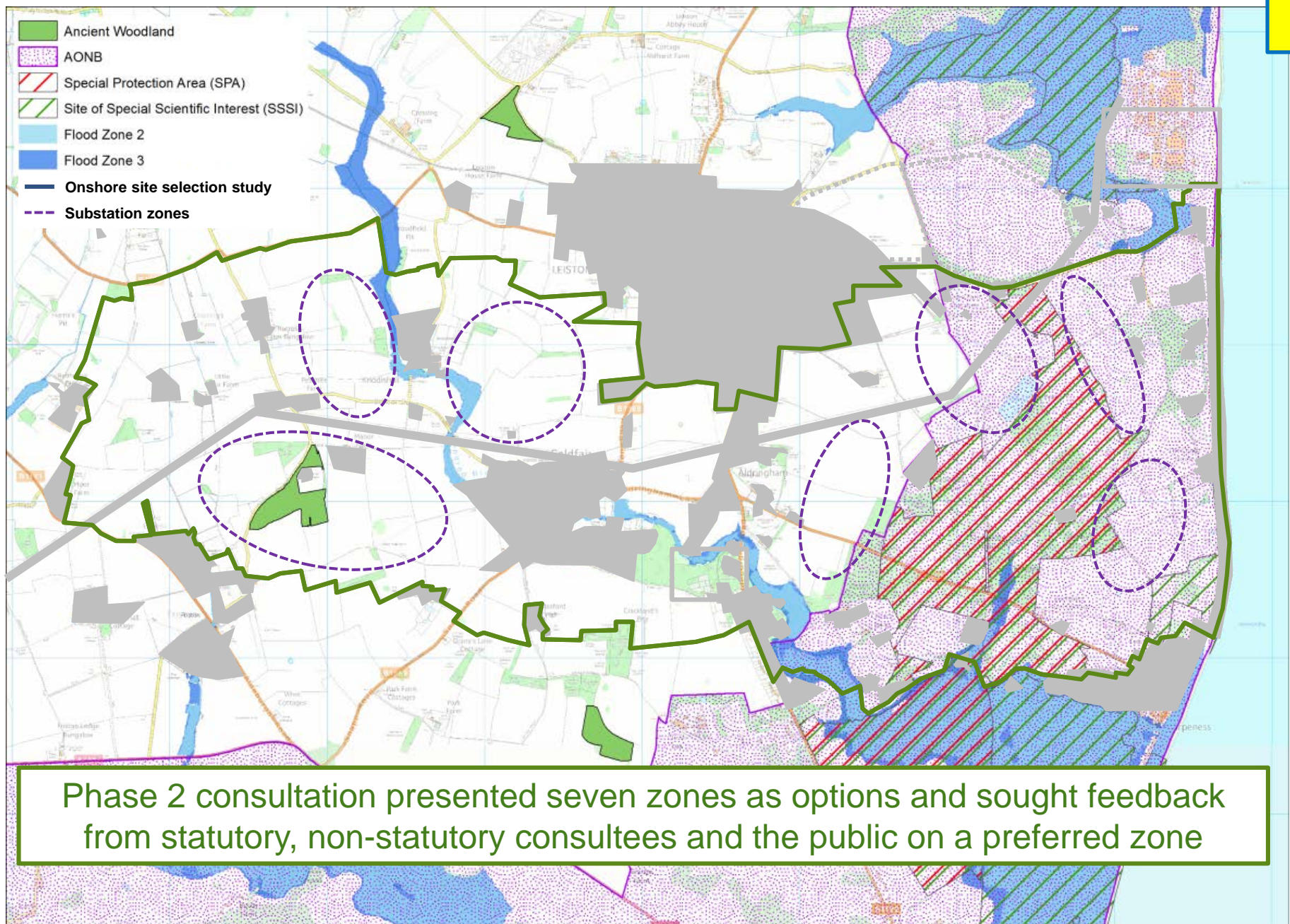


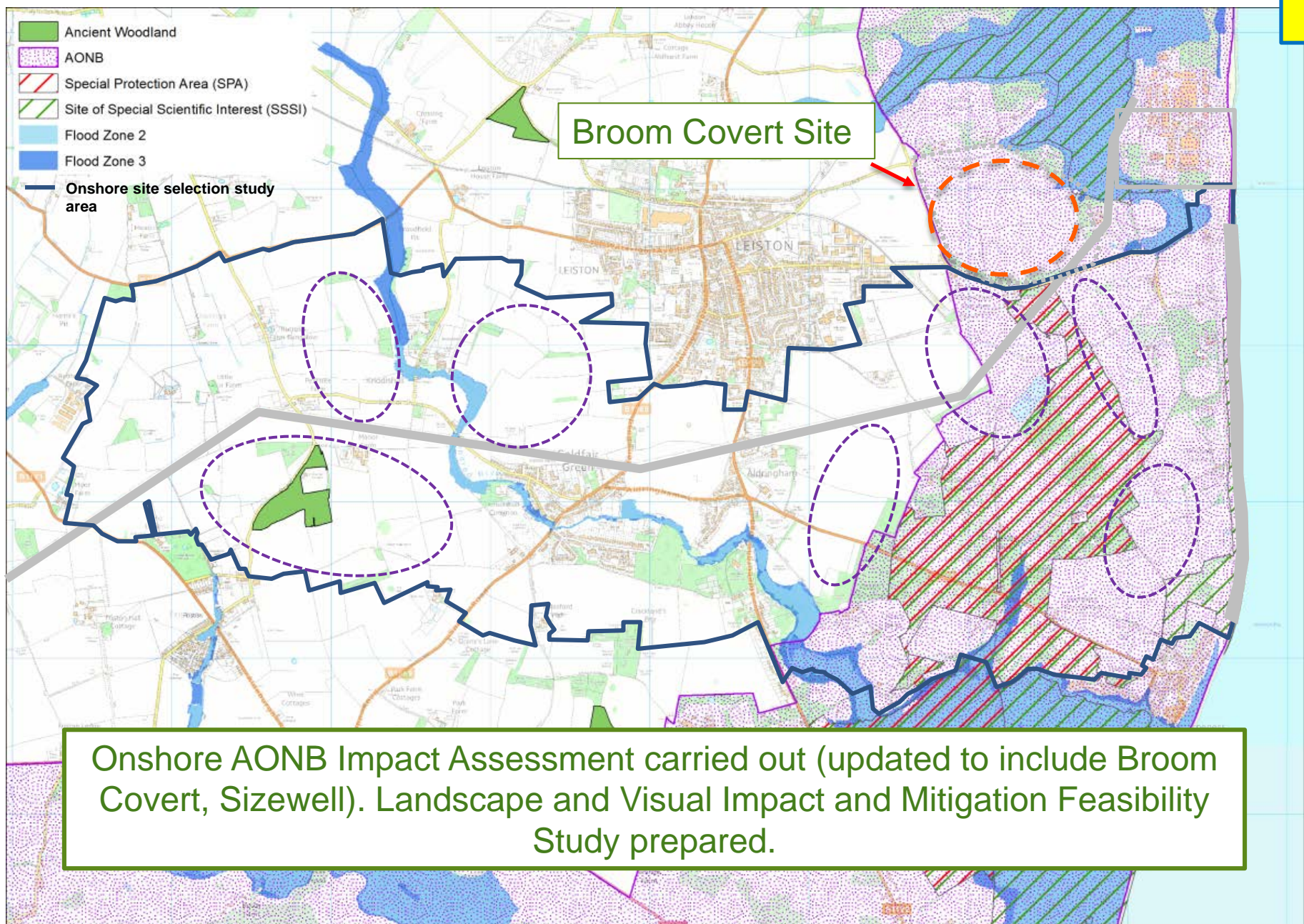


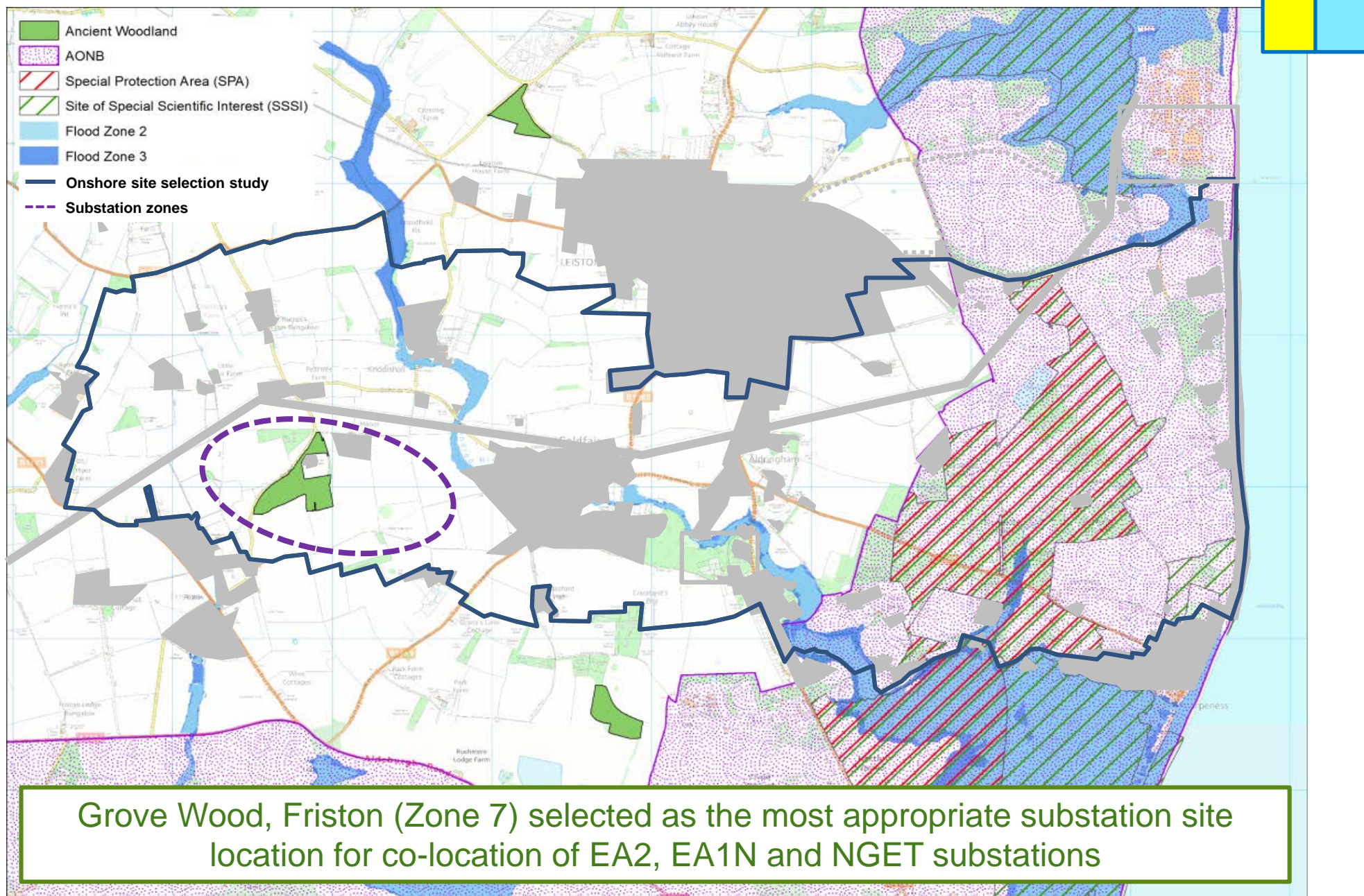
250m buffer added to existing development

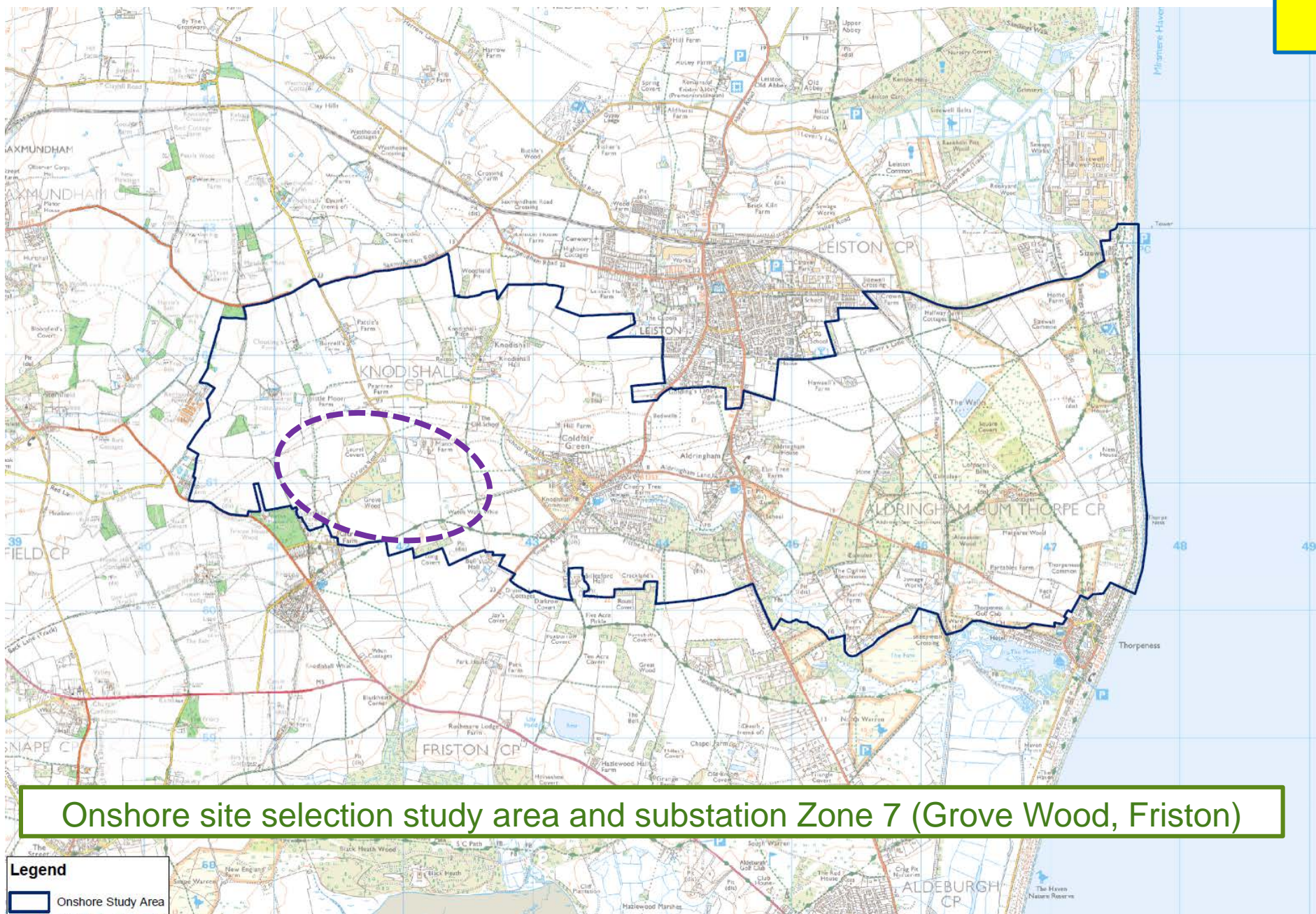


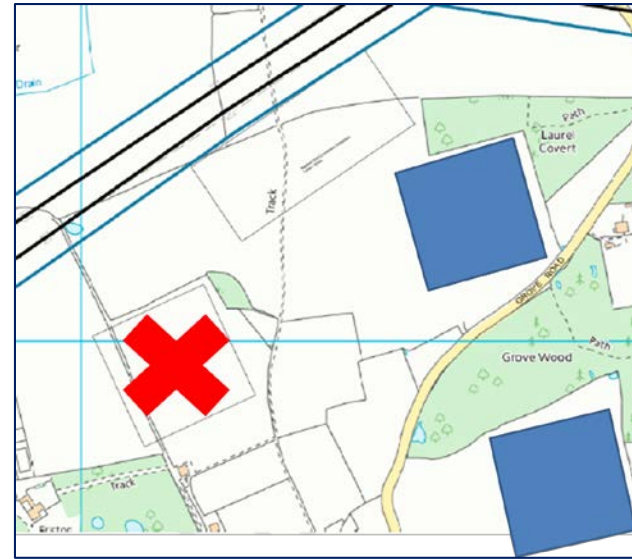
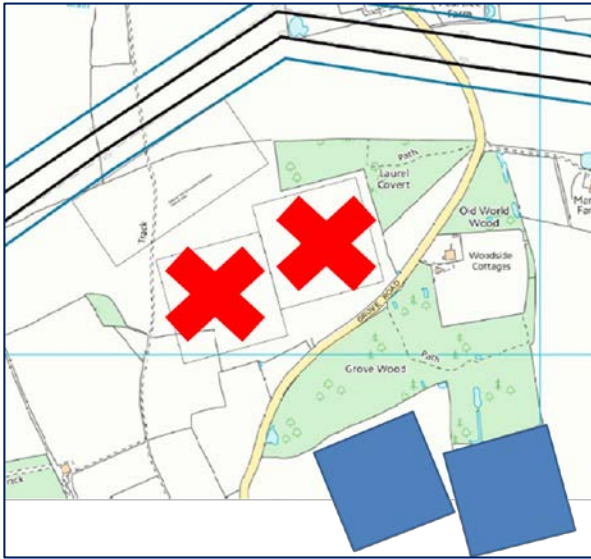






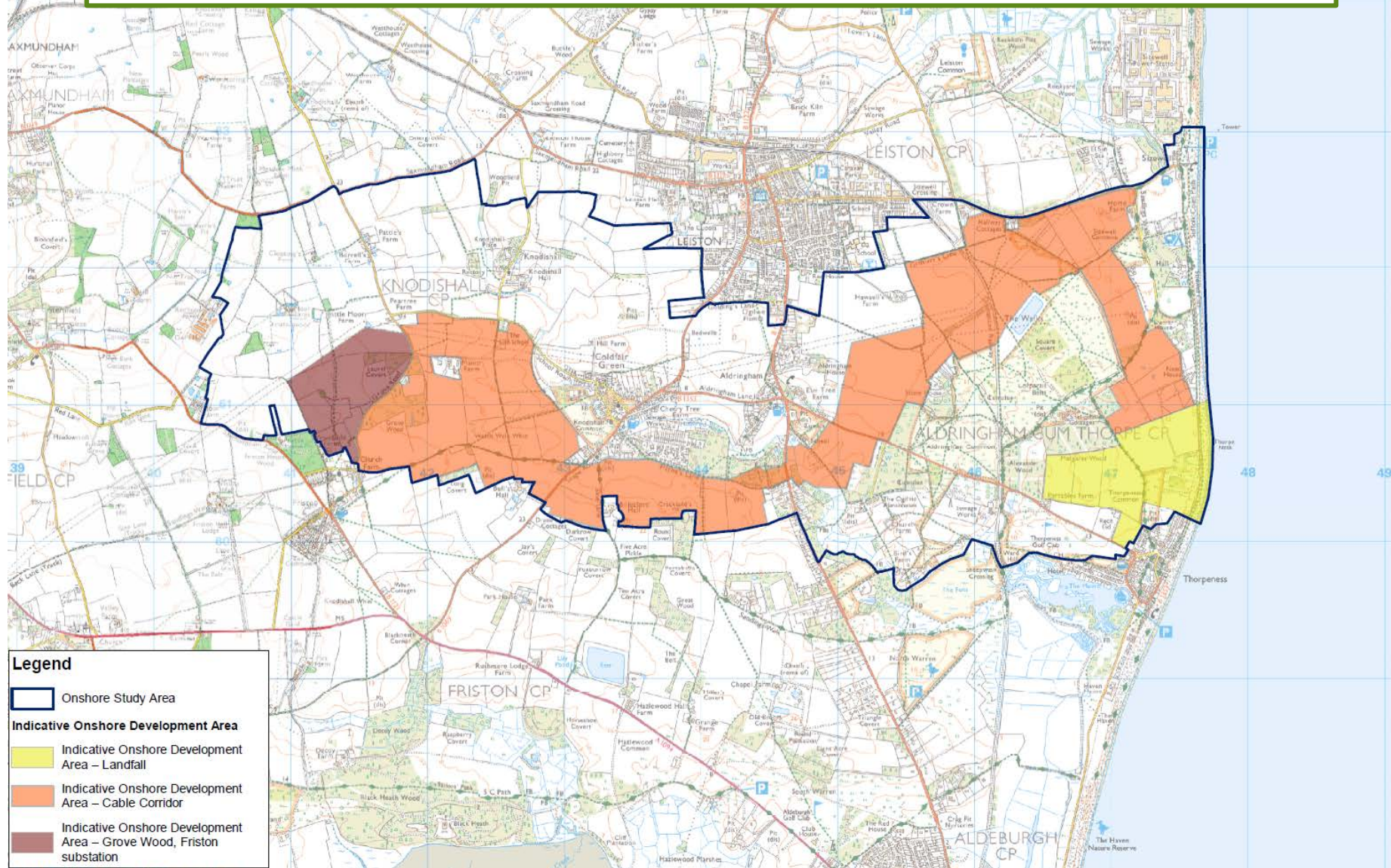




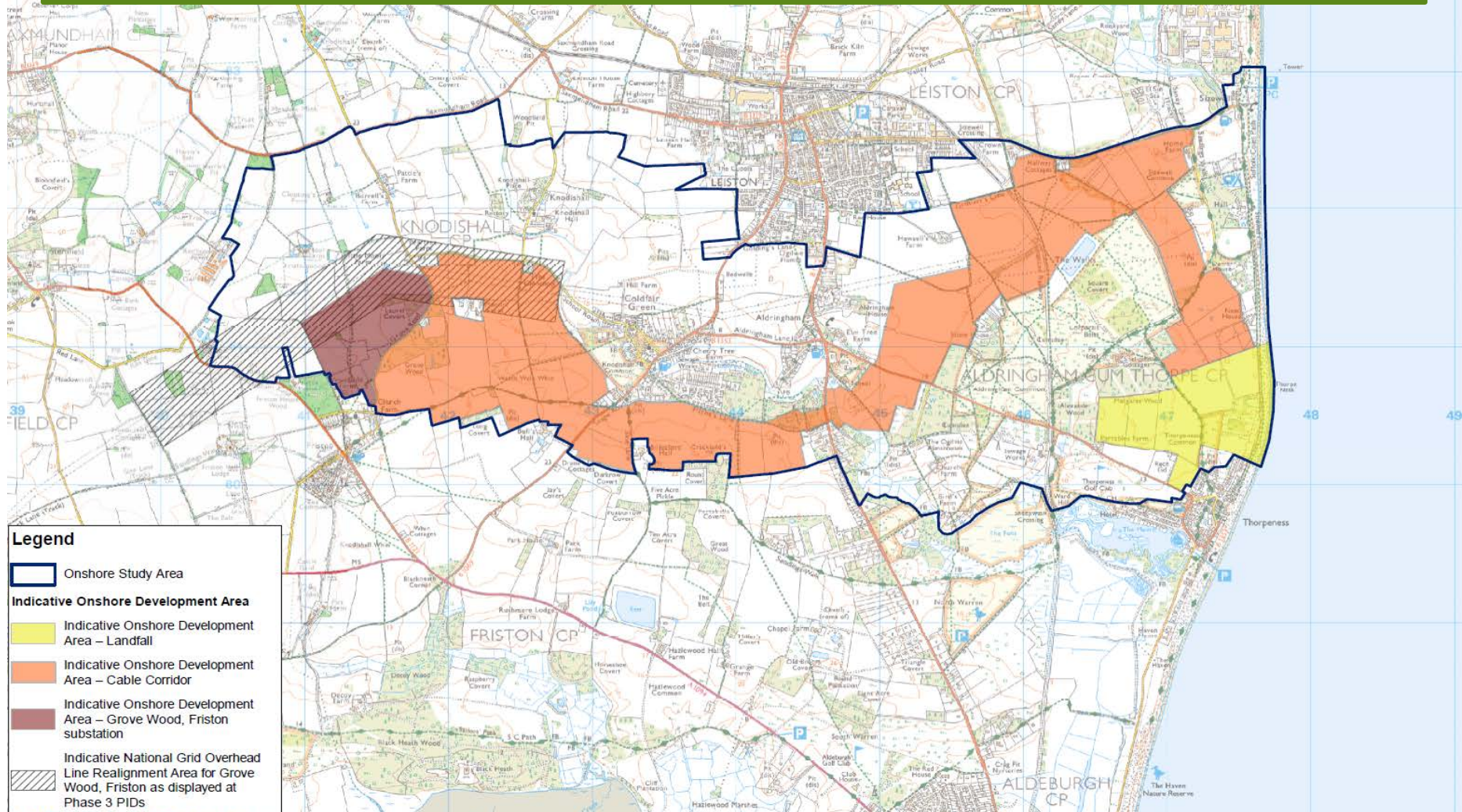


Alternate locations were considered for the substations within Zone 7

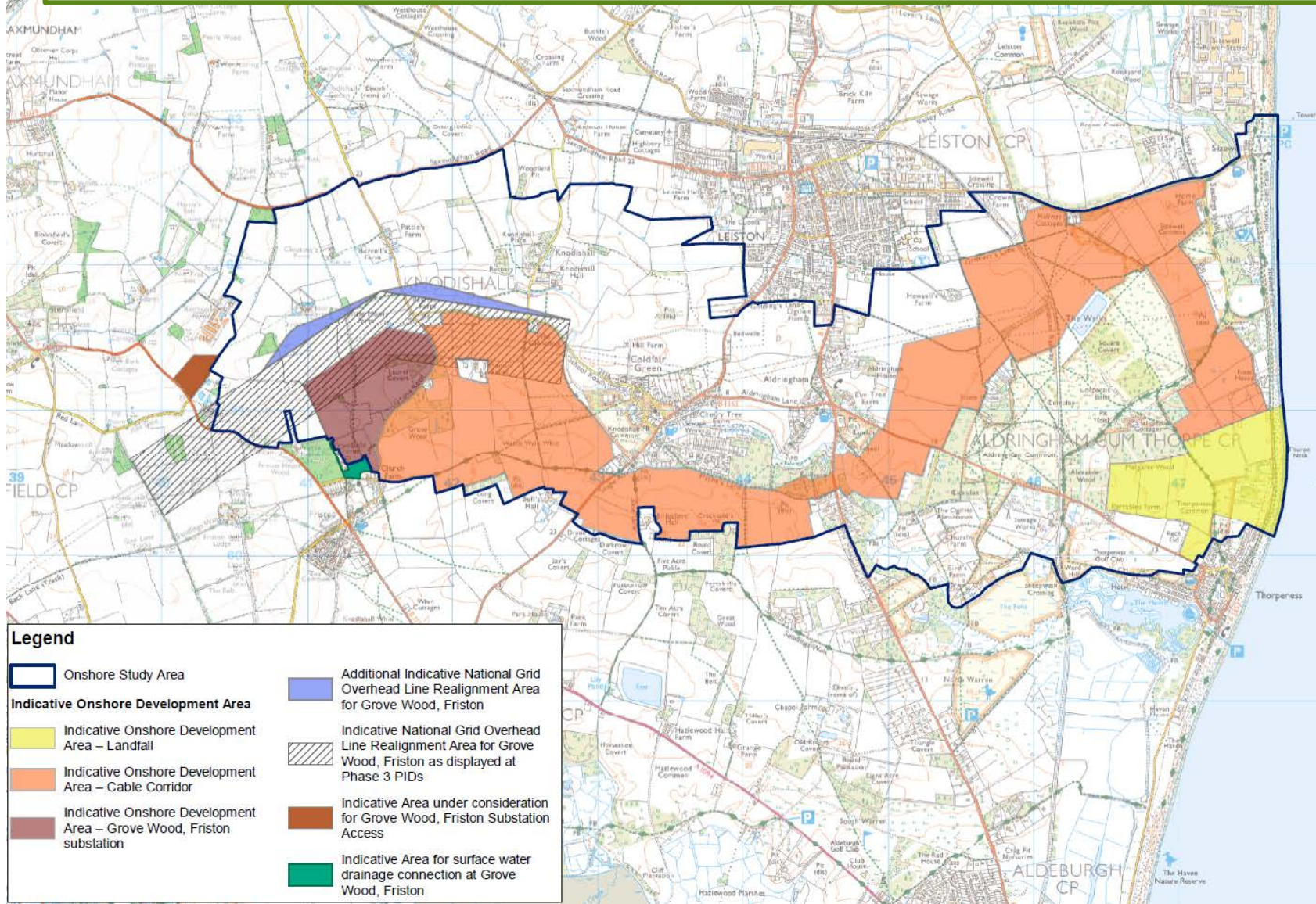
Indicative landfall, onshore cable route and substation areas identified



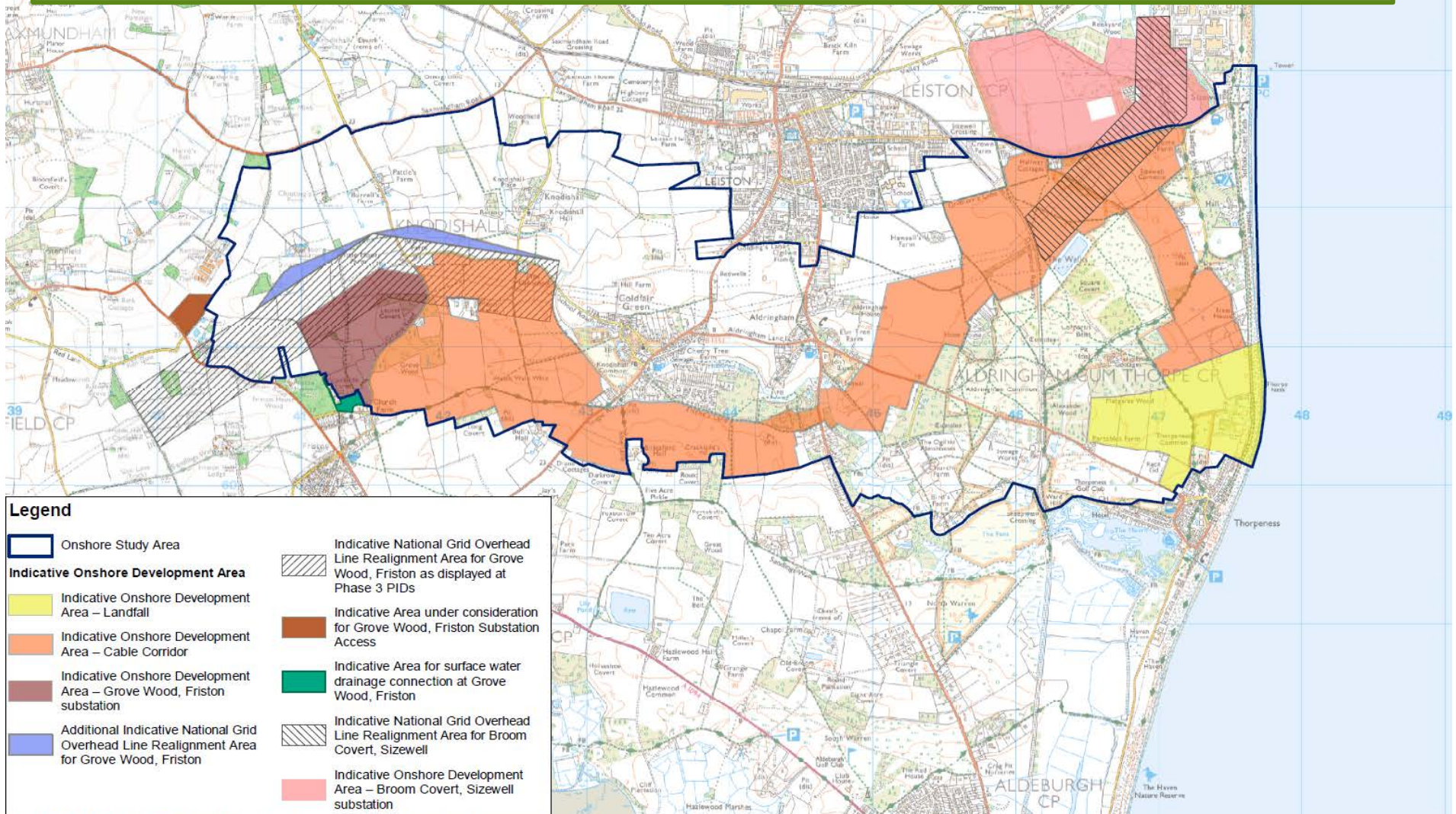
National Grid provided an indicative overhead line realignment area associated with connecting the National Grid substation to the wider electricity network. This figure was published at the Phase 3 Public Information Days.



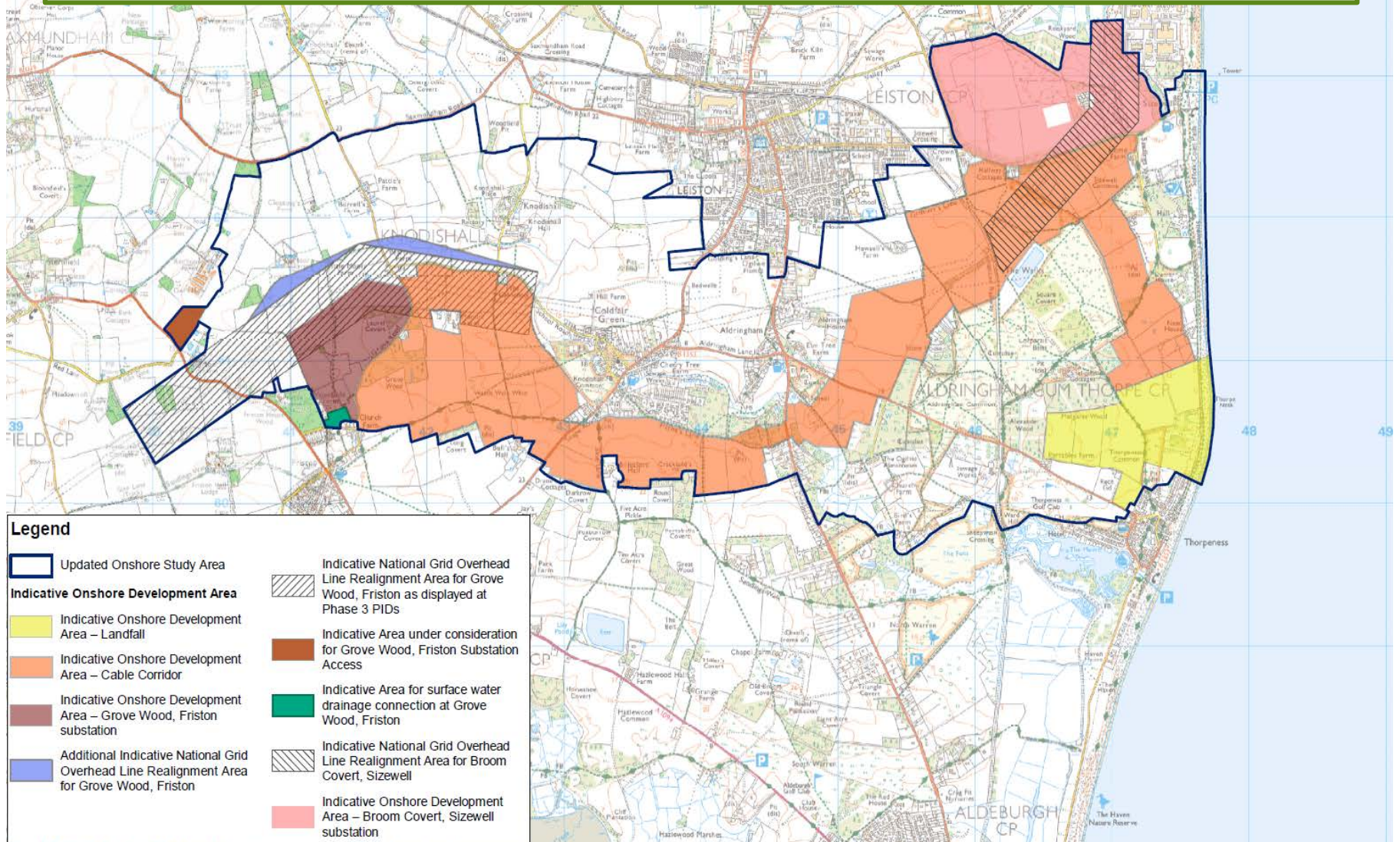
Additional areas identified for the overhead line realignment area, drainage and access requirements



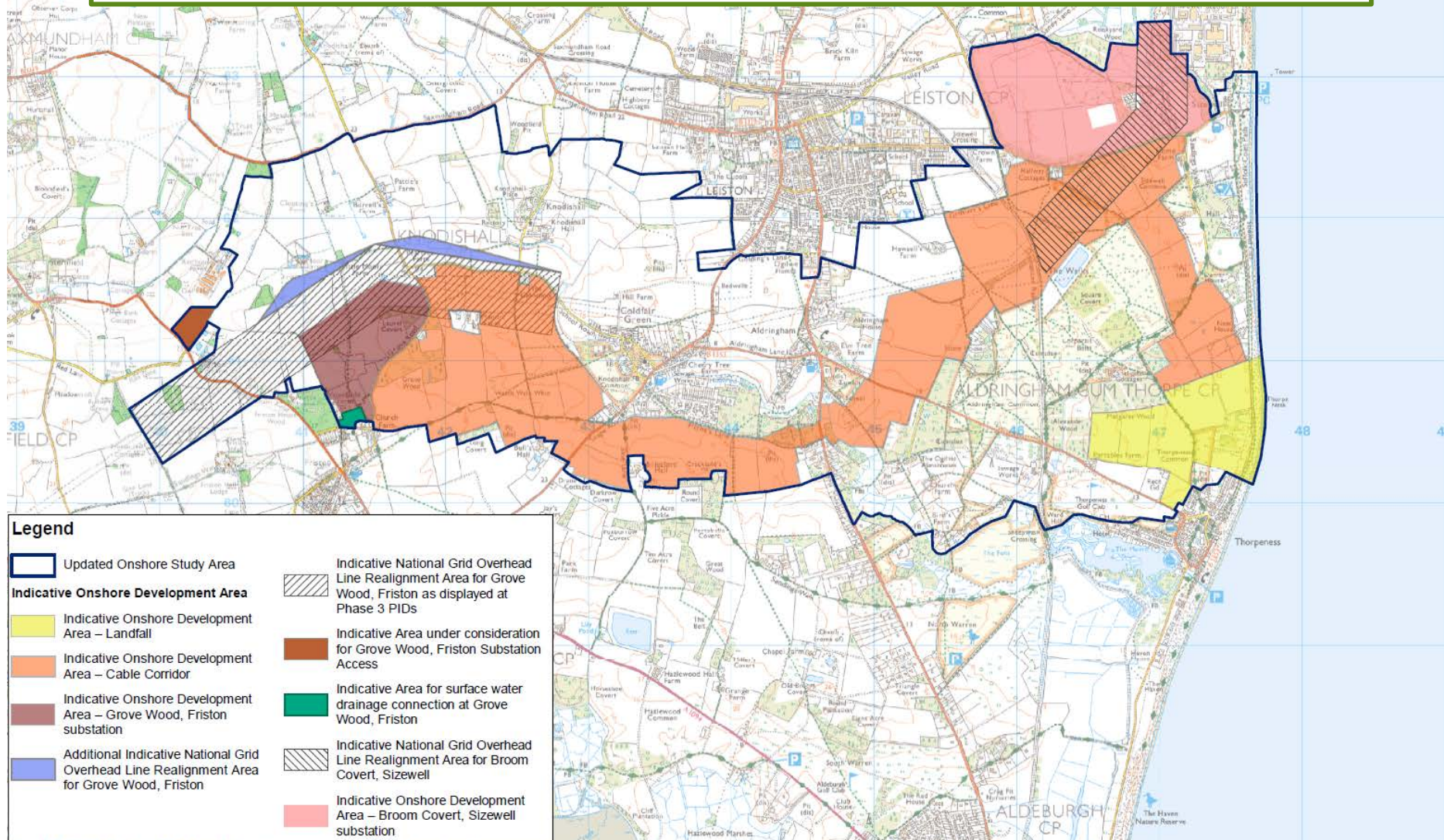
Following Phase 3 consultation feedback, an alternative substation site location was identified at Broom Covert, Sizewell (including associated overhead line realignment area received from National Grid)



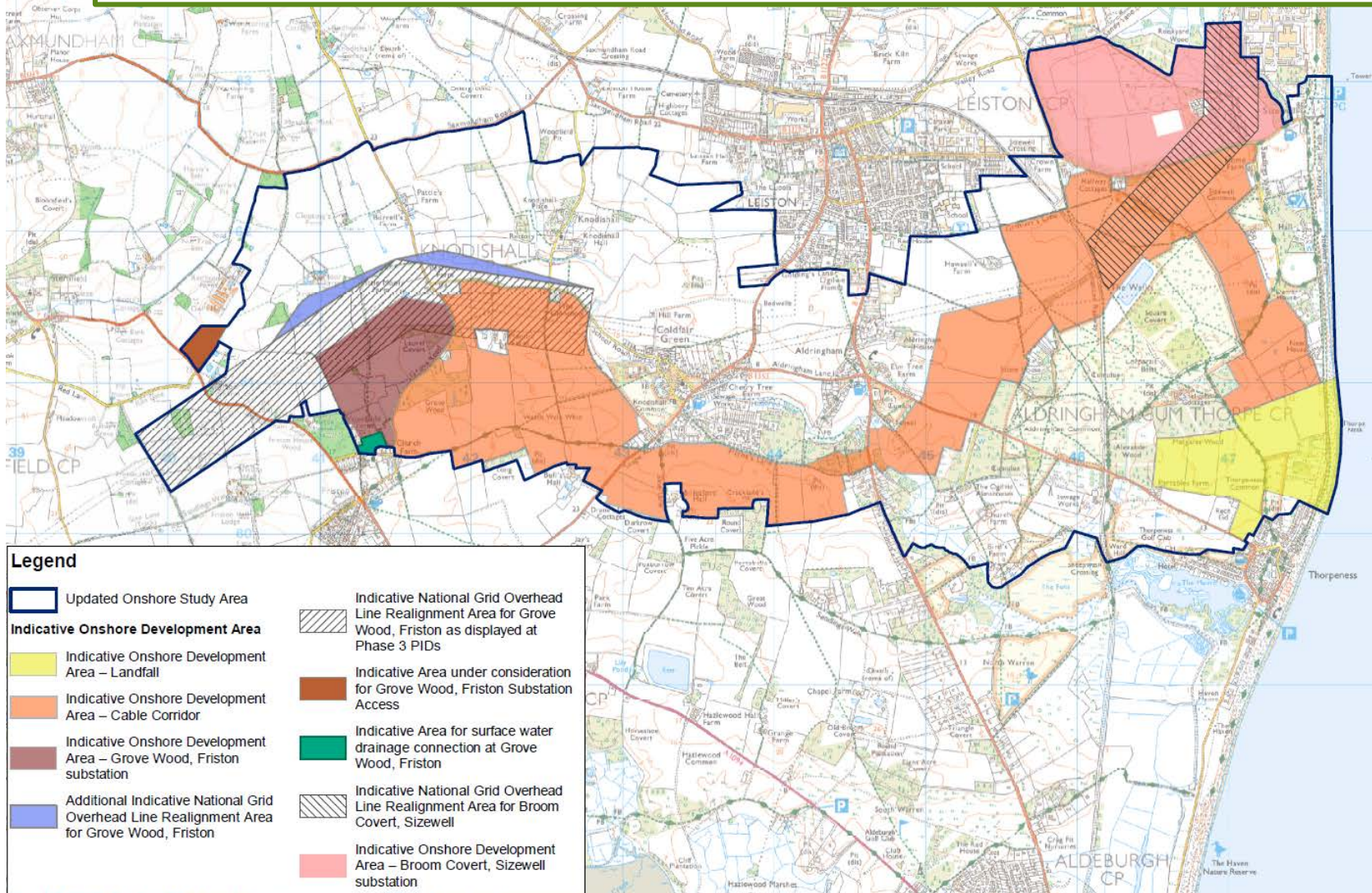
Onshore Study Area updated in light of additional identified areas. This Onshore Study Area defined the area for the Updated Statement of Community Consultation published in September 2018



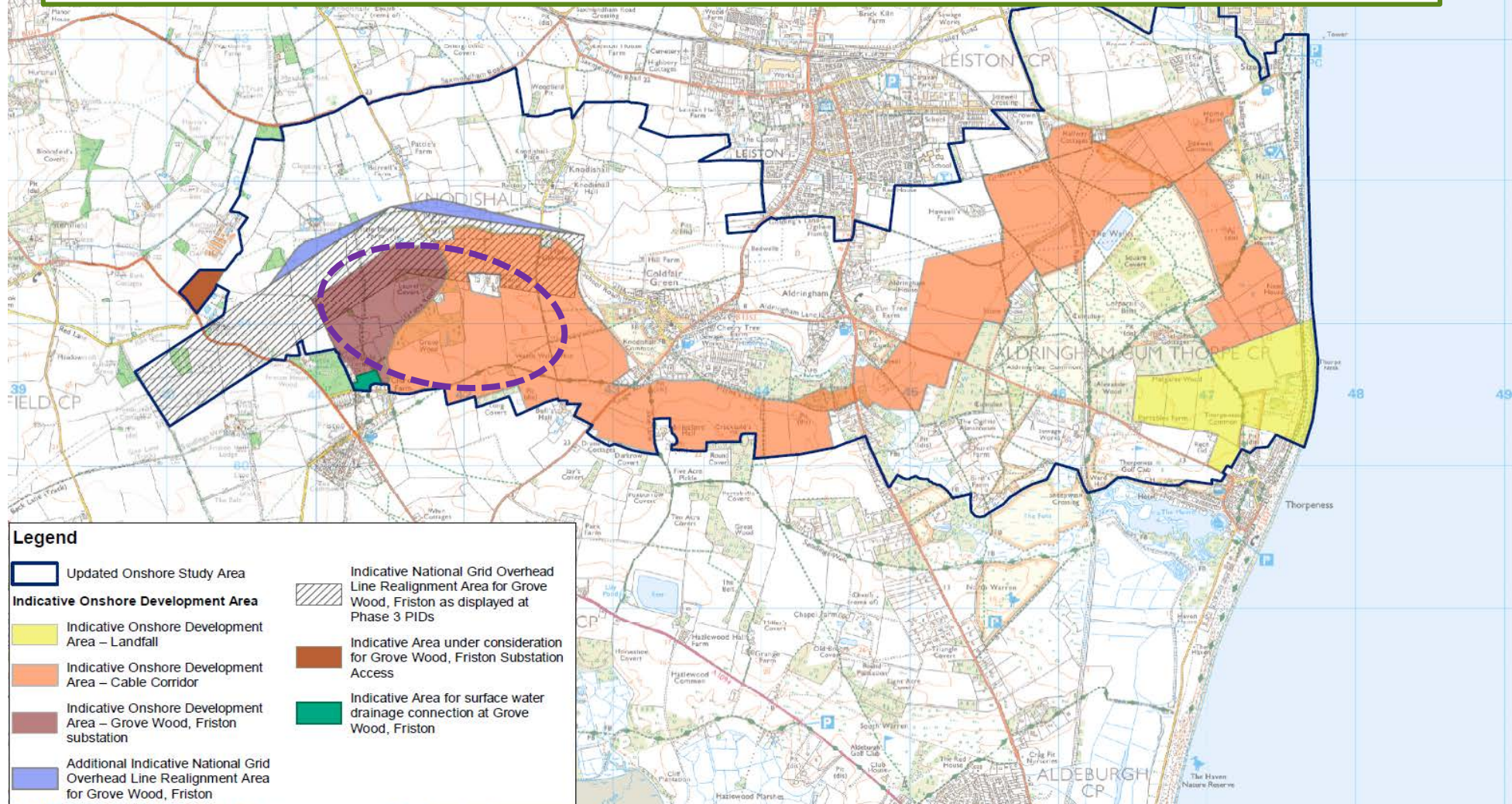
Feasibility of alternative substation site at Broom Covert, Sizewell explored alongside Grove Wood, Friston. Phase 3.5 consultation carried out to gather views on both sites.



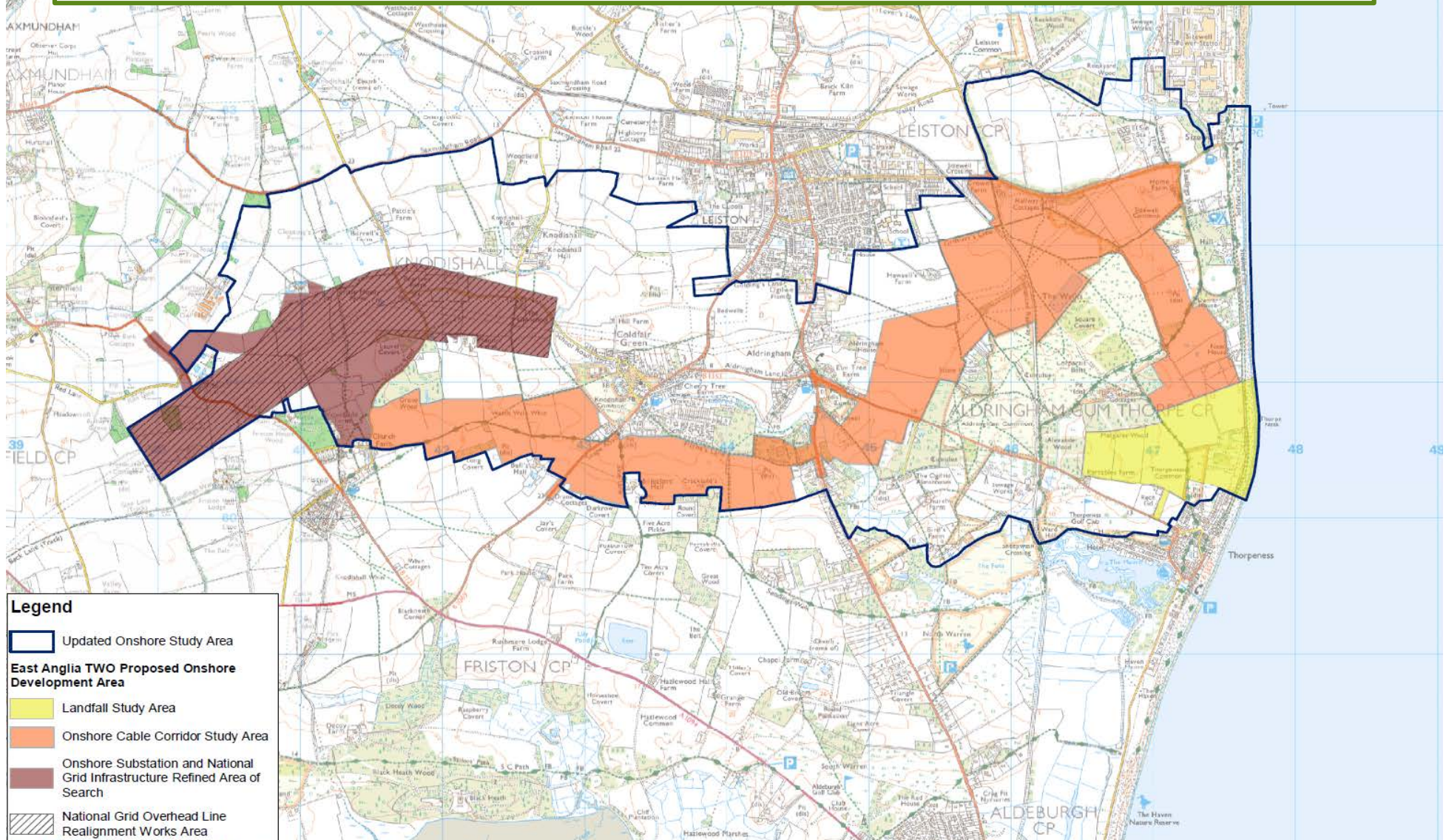
Confirmation of the viability of Grove Wood, Friston undertaken considering aspects such as land, critical path programme, key policy, design / constructing, operations, and commercial viability/cost considerations



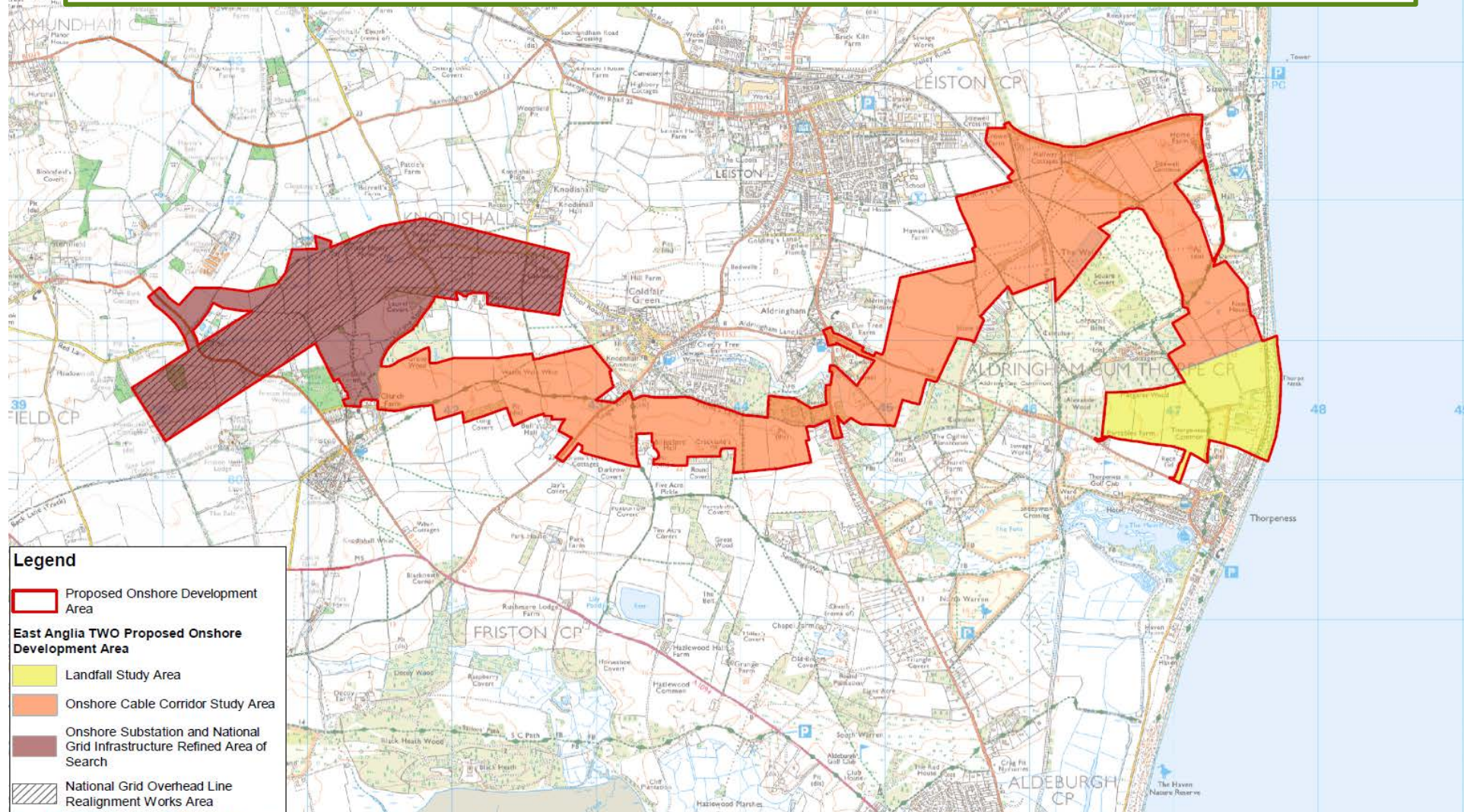
In accordance with policies set out in NPS-EN1 (regarding protection of the AONB) and based on extensive advice and stakeholder engagement during our Phase 3.5 consultation, it was decided that the Grove Wood, Friston site offers on balance the most appropriate option for substation development



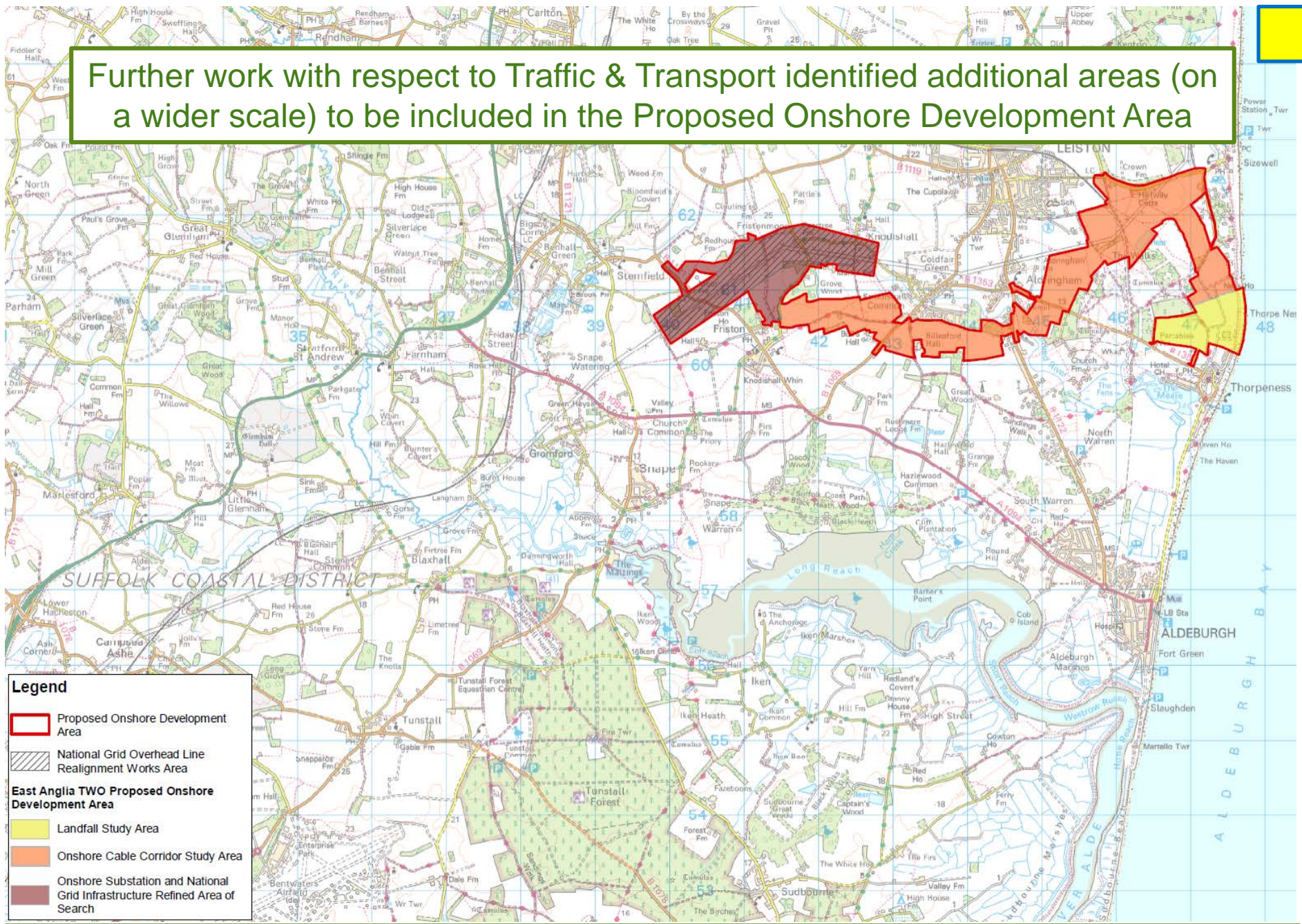
Additional areas identified following feedback from Phase 3.5 consultation, predominantly in relation to traffic & transport construction and operation access



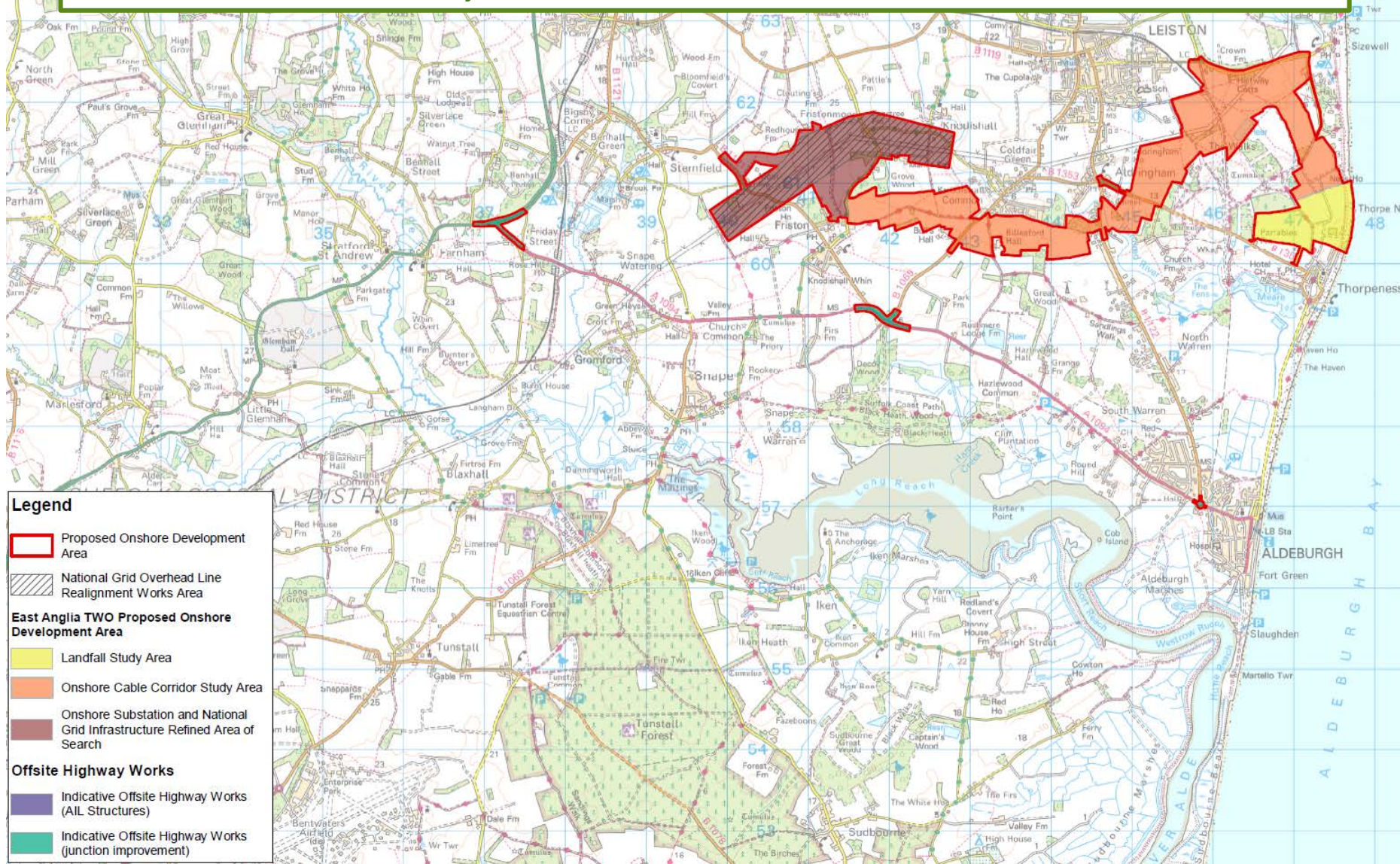
Proposed Onshore Development Area (for landfall, cable corridor and substation area) defined for drafting the Preliminary Environmental Information Report (PEIR) and topic assessments



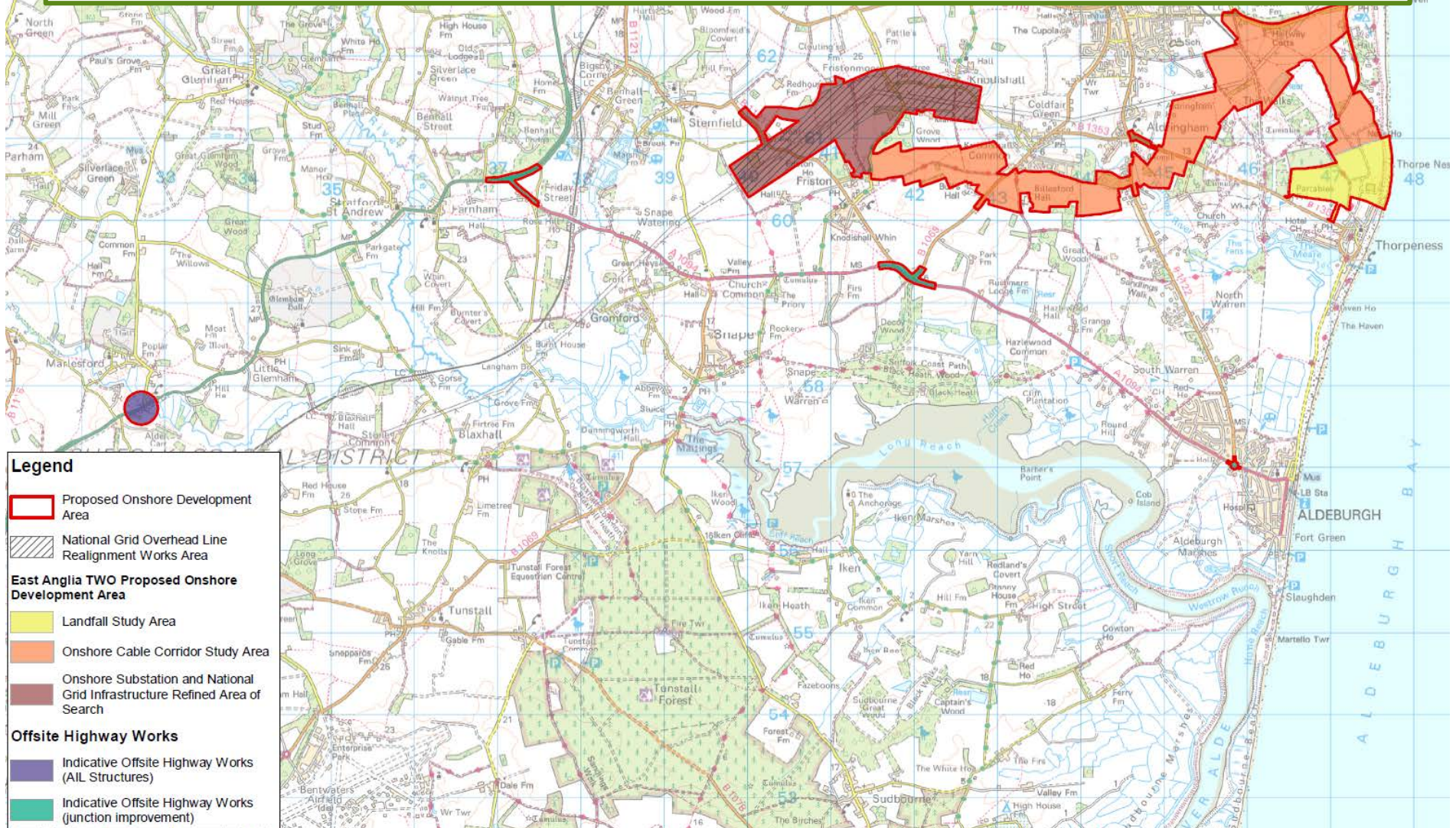
Further work with respect to Traffic & Transport identified additional areas (on a wider scale) to be included in the Proposed Onshore Development Area



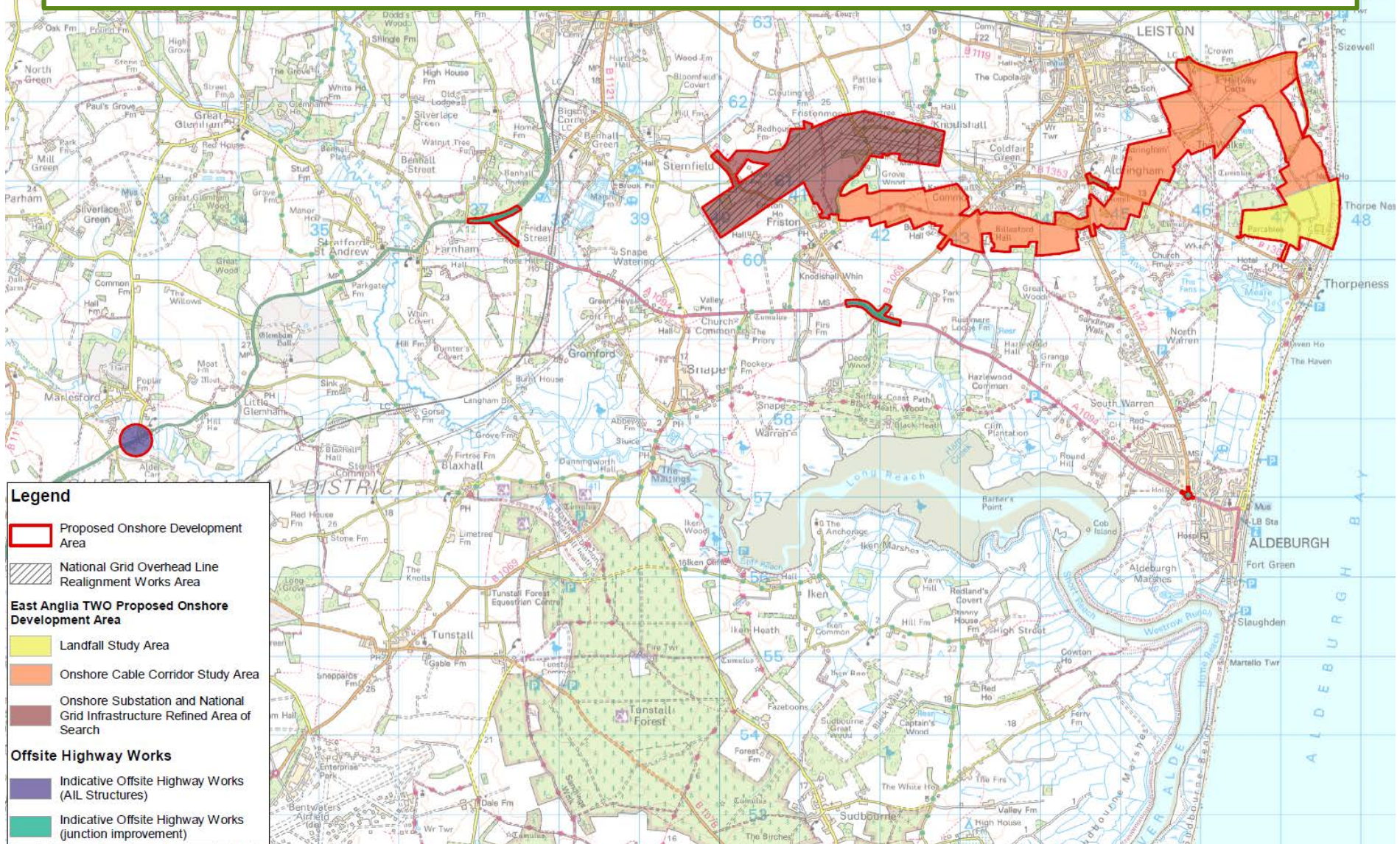
Offsite highway junction improvement works identified to enable construction traffic access via junctions on the A12, A1094, B1069 and B1122



Road bridge on A12 at Marlesford identified as requiring further investigation to establish whether strengthening works are required to allow Abnormal Indivisible Loads (i.e. transformers) to pass over it



Proposed Onshore Development Area defined for drafting the PEIR and topic assessments (Phase 4 consultation)



Onshore Development Area presented in the Applications, showing refinement from 2017 onshore study area to 2018 PEIR boundary and final 2019 pre-Application changes

