

POTENTIAL ROCK REVETMENT

PLAN SCALE 1:2000

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POTENTIAL ROCK ARMOUR APPROXIMATELY 1-3 TONNE

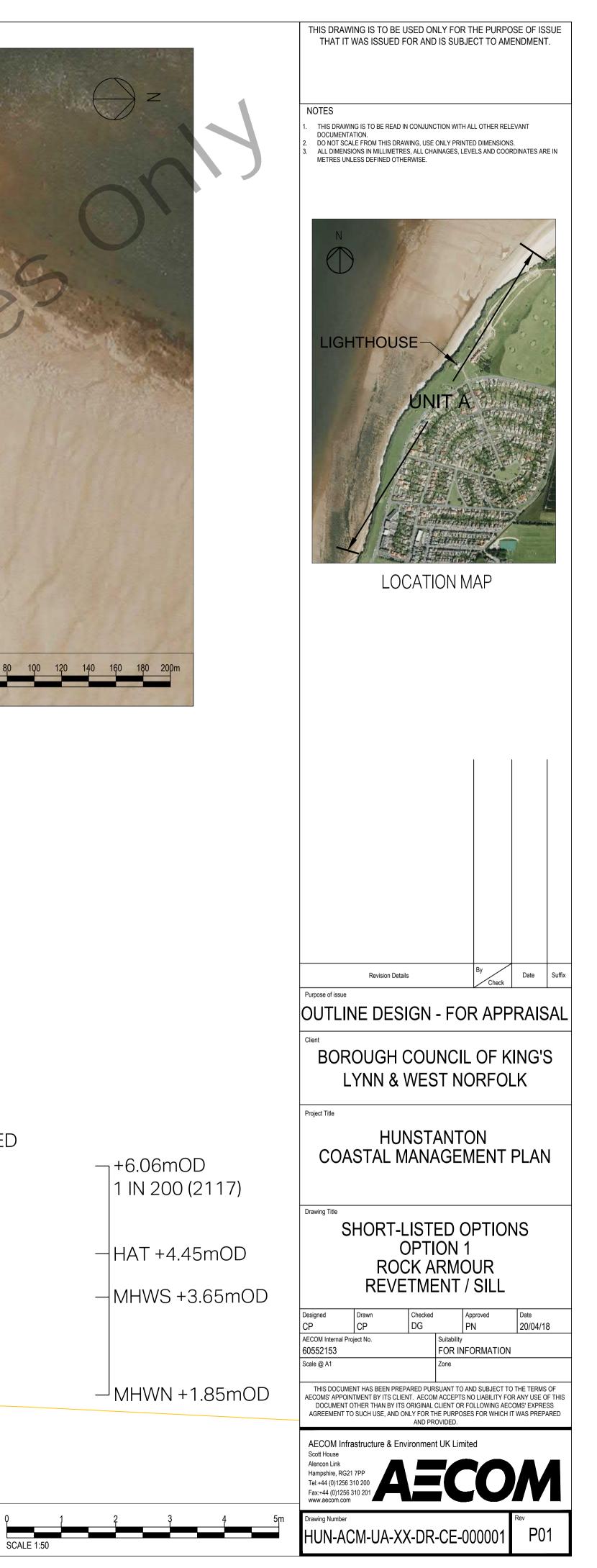
CREST LEVEL SHOWN AS INDICATIVE, TO BE CONFIRMED IF OPTION IS SELECTED \Box

SCALE 1:2000

EXISTING BEACH SHOWN INDICATIVELY (LEVEL VARIES)

KEYSTONE

TYPICAL CROSS SECTION SCALE 1:50

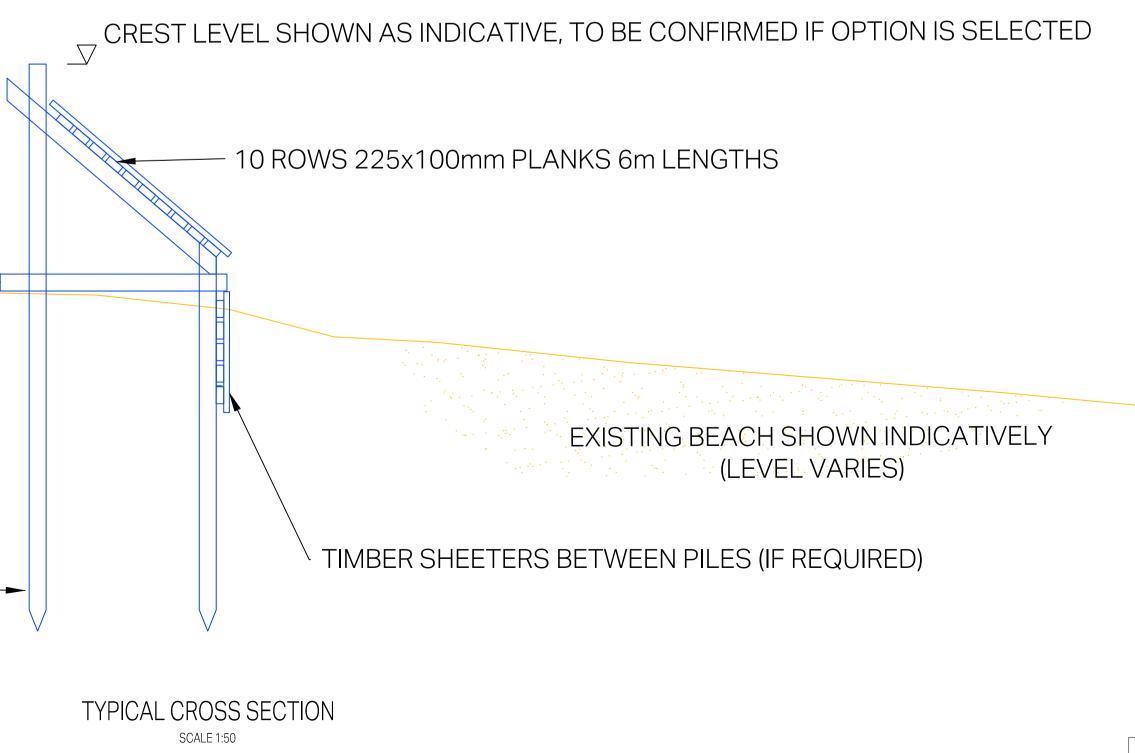


AERIAL IMAGERY DATA (2015) COURTESY OF CHANNEL COASTAL OBSERVATO EXISTING CLIFF (INDICATIVE) APPROXIMATE LEVEL OF EXISTING CLIFF TOE +5.20mOD 225 X 225 mm CROSS STRUTS 3M LONG AT 3m C/C 225 X 225 mm REAR PILES 7.5m LONG, FRONT PILES 5m AT 3m C/C

INDICATIVE LOCATION OF POTENTIAL PILOT STUDY AREA

250m POTENTIAL TIMBER REVETMENT

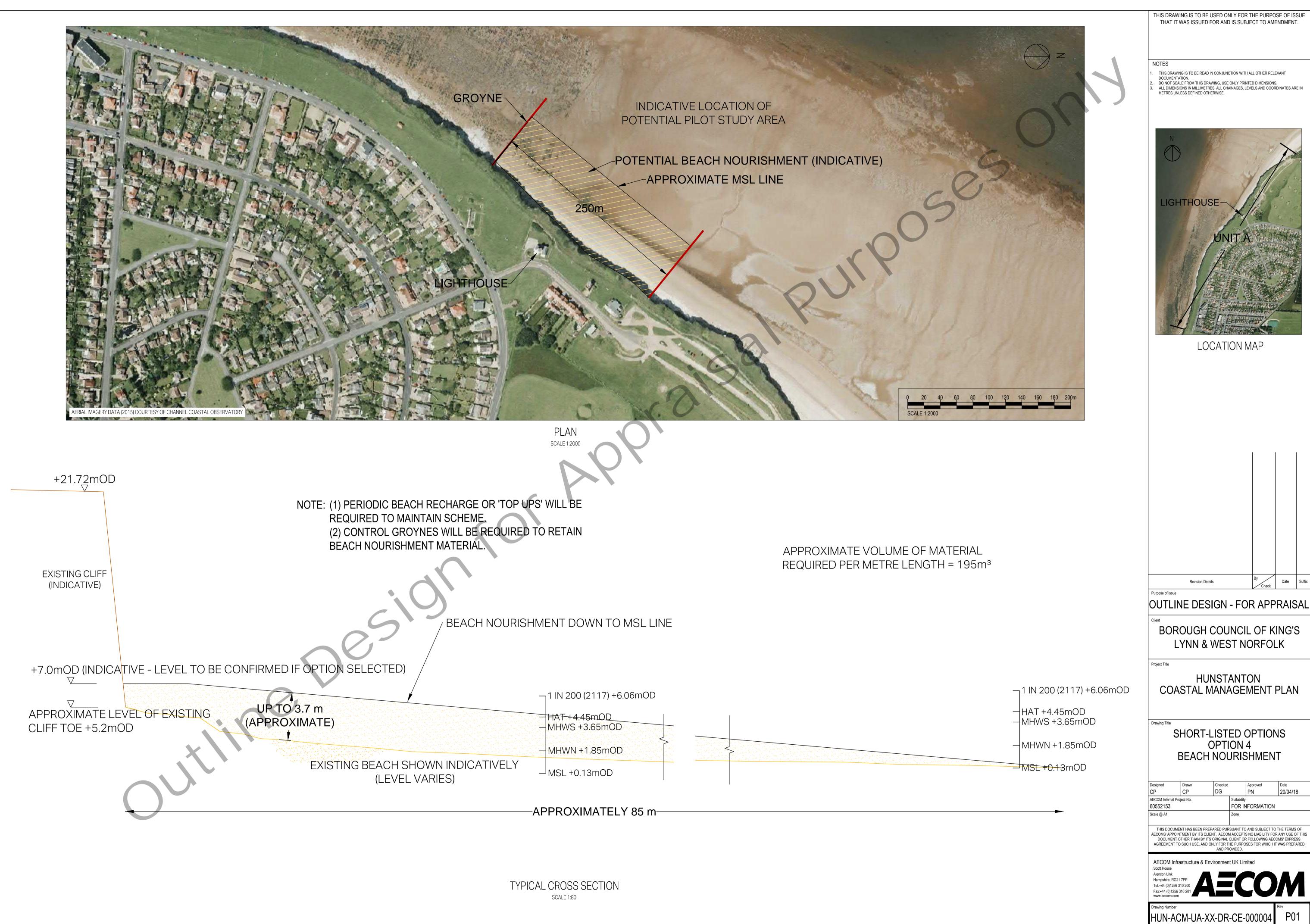
PLAN SCALE 1:2000

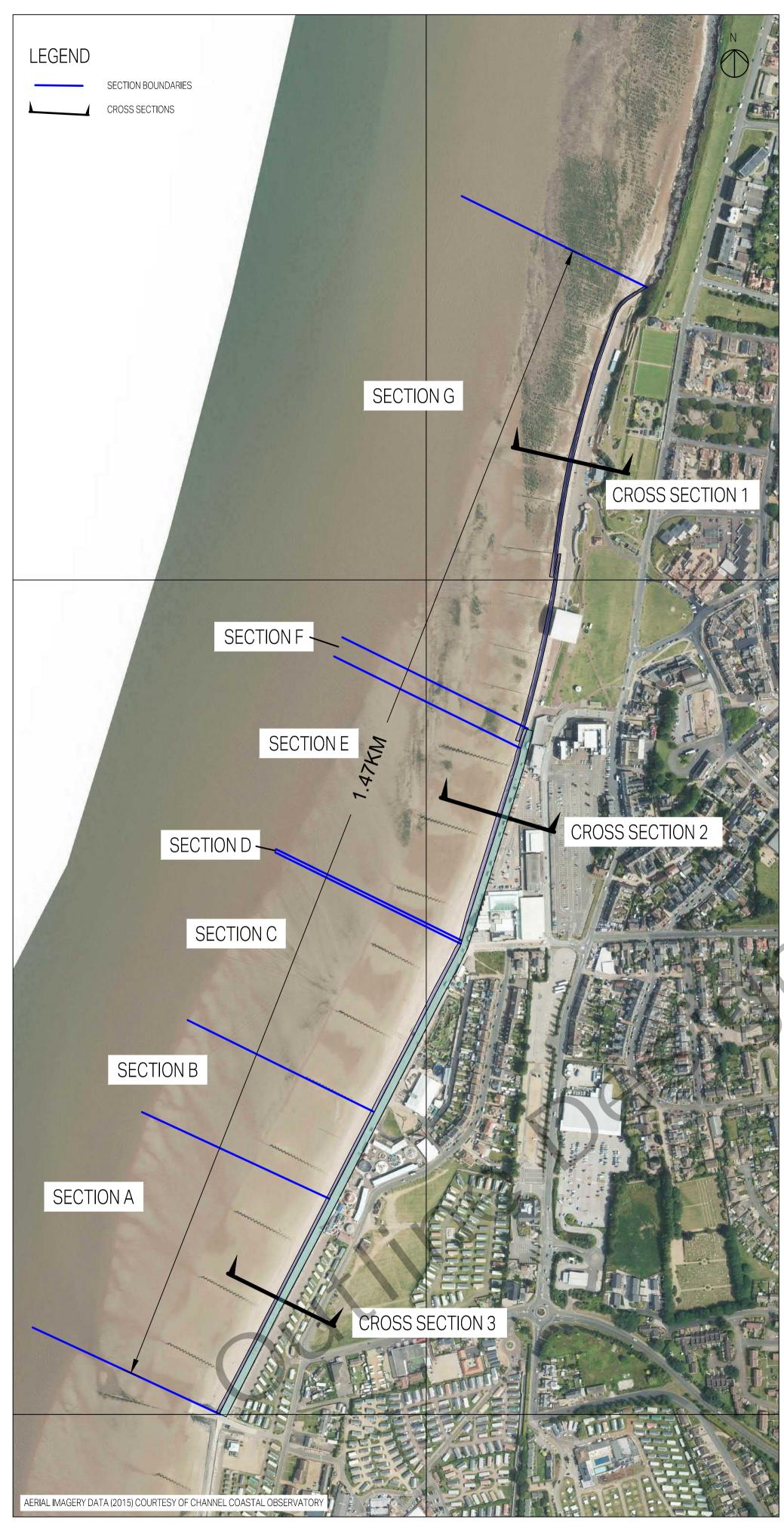


SCALE 1:2000

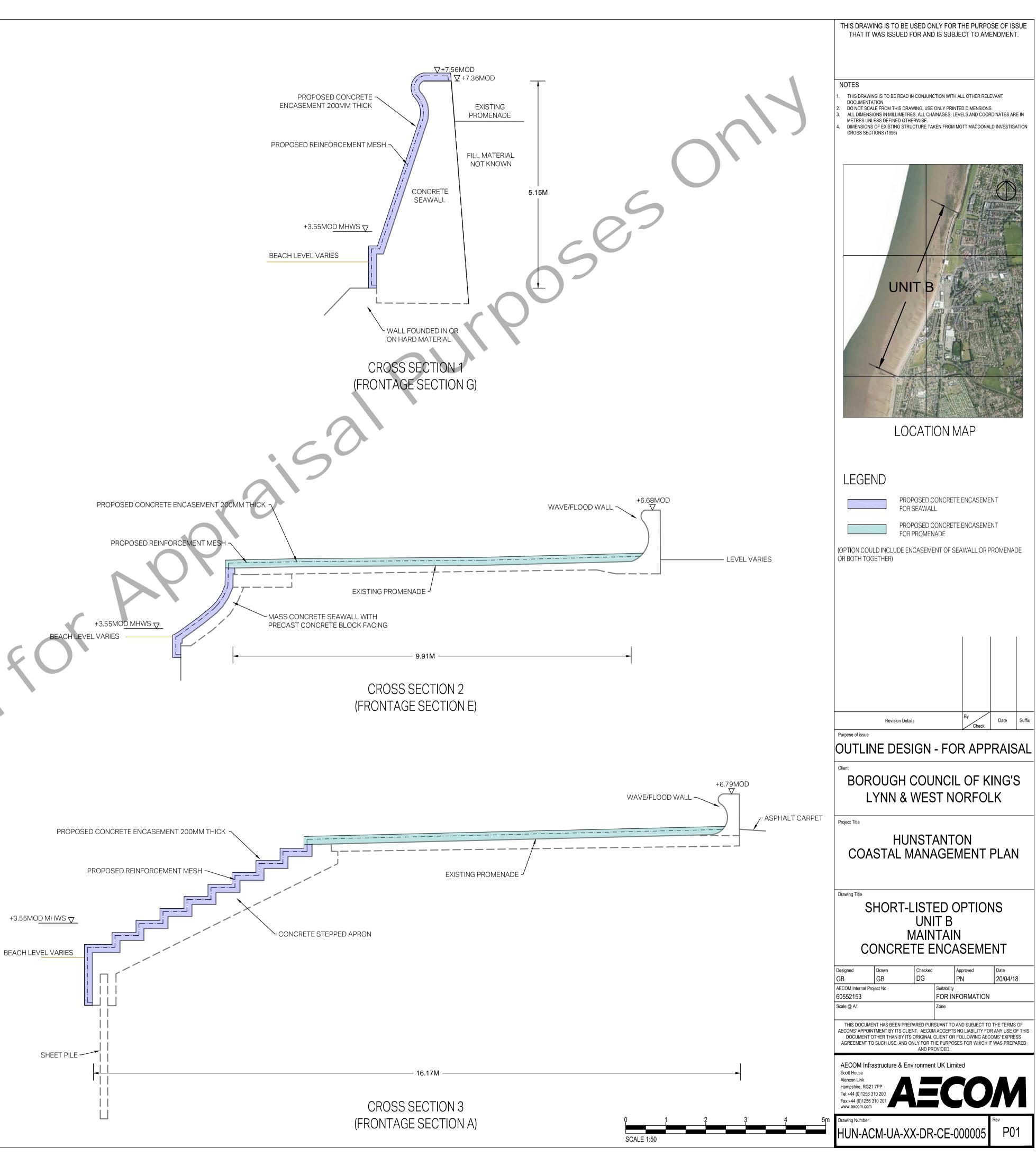


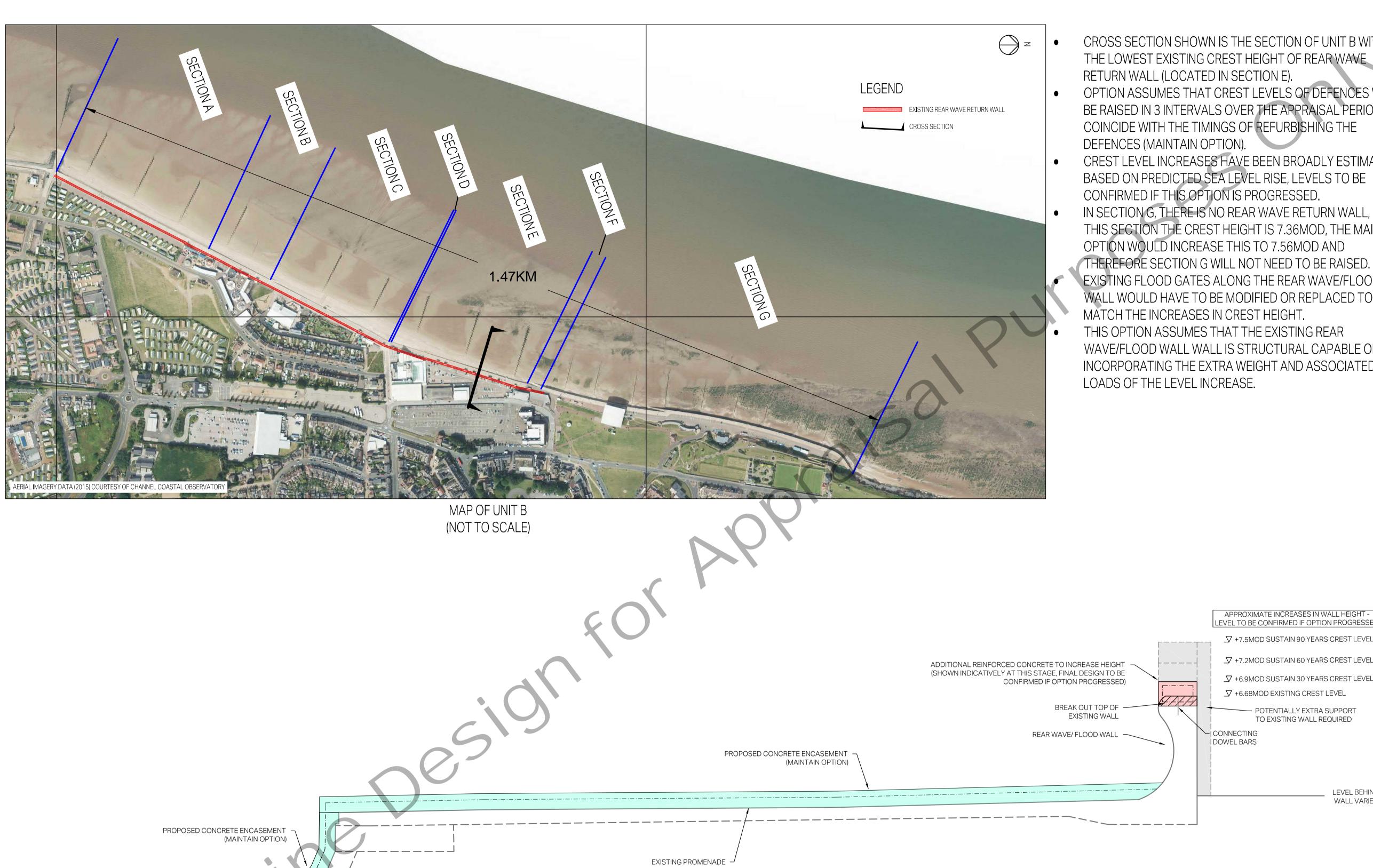


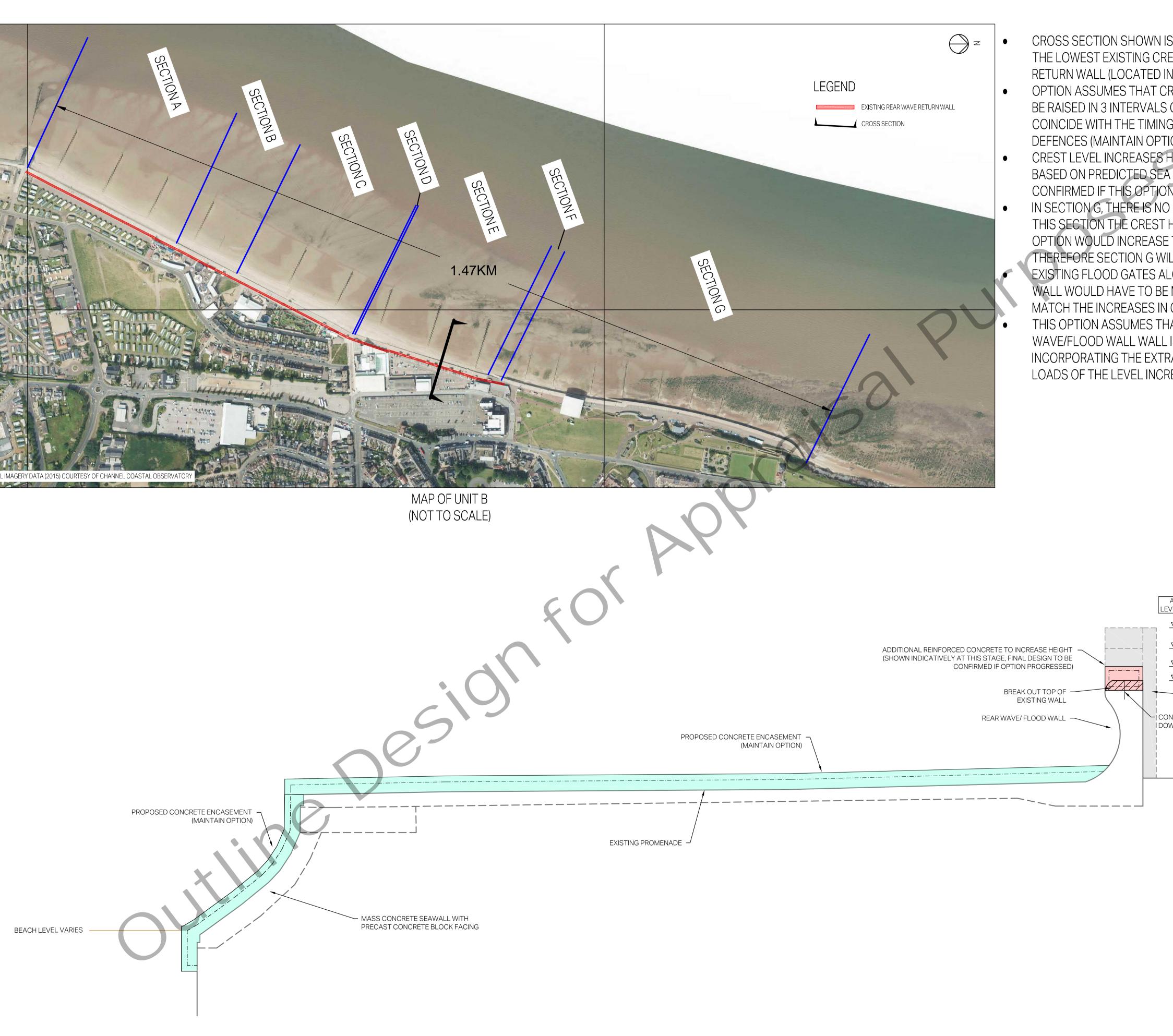




MAP OF UNIT B (NOT TO SCALE)

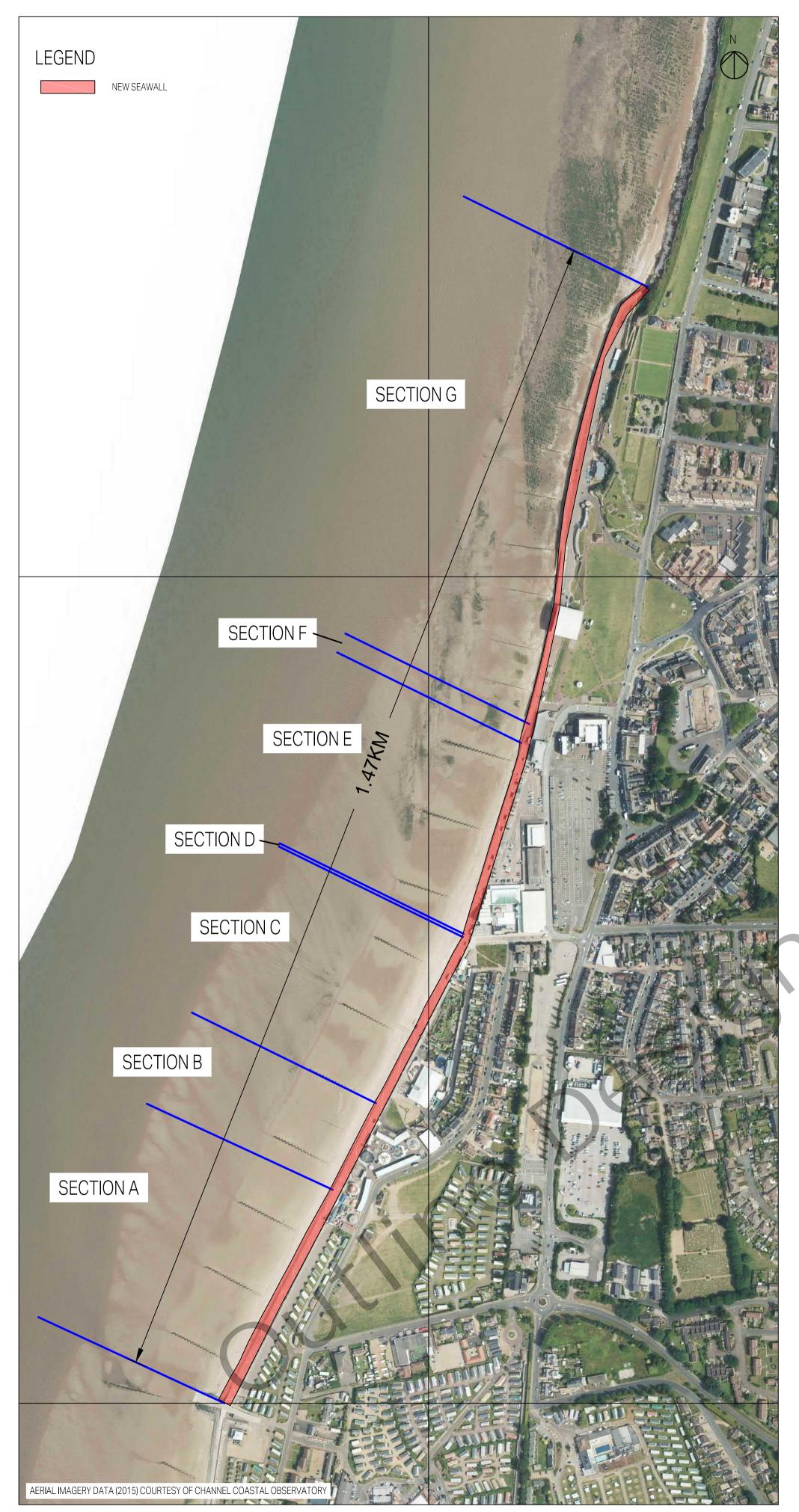






INDICATIVE CROSS SECTION (FRONTAGE SECTION E)

THIS DRAWING IS TO BE USED ONLY FOR THE PURPOSE OF ISSUE THAT IT WAS ISSUED FOR AND IS SUBJECT TO AMENDMENT. CROSS SECTION SHOWN IS THE SECTION OF UNIT B WITH NOTES THE LOWEST EXISTING CREST HEIGHT OF REAR WAVE THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION. DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS. ALL DIMENSIONS IN MILLIMETRES, ALL CHAINAGES, LEVELS AND COORDINATES ARE IN METRES UNLESS DEFINED OTHERWISE. DIMENSIONS OF EXISTING STRUCTURE TAKEN FROM MOTT MACDONALD INVESTIGATION OPTION ASSUMES THAT CREST LEVELS OF DEFENCES WILL **CROSS SECTIONS (1996** BE RAISED IN 3 INTERVALS OVER THE APPRAISAL PERIOD, TO CREST LEVEL INCREASES HAVE BEEN BROADLY ESTIMATED IN SECTION G, THERE IS NO REAR WAVE RETURN WALL, IN THIS SECTION THE CREST HEIGHT IS 7.36MOD, THE MAINTAIN UNIT EXISTING FLOOD GATES ALONG THE REAR WAVE/FLOOD WALL WOULD HAVE TO BE MODIFIED OR REPLACED TO WAVE/FLOOD WALL WALL IS STRUCTURAL CAPABLE OF INCORPORATING THE EXTRA WEIGHT AND ASSOCIATED LOCATION MAP LEGEND EXISTING WALL TO BE BROKEN OUT PROPOSED REINFORCED CONCRETE TO RAISE HEIGHT OF EXISTING WALL PROPOSED CONCRETE ENCASEMENT (MAINTAIN OPTION) FUTURE CREST RAISING APPROXIMATE INCREASES IN WALL HEIGHT -LEVEL TO BE CONFIRMED IF OPTION PROGRESSED ✓ +7.5MOD SUSTAIN 90 YEARS CREST LEVEL ✓ +6.9MOD SUSTAIN 30 YEARS CREST LEVEL Date Revision Details ✓ +6.68MOD EXISTING CREST LEVEL Purpose of issue - POTENTIALLY EXTRA SUPPORT OUTLINE DESIGN - FOR APPRAISAL TO EXISTING WALL REQUIRED - CONNECTING DOWEL BARS BOROUGH COUNCIL OF KING'S LYNN & WEST NORFOLK Project Title LEVEL BEHIND WALL VARIES HUNSTANTON COASTAL MANAGEMENT PLAN Drawing Title SHORT-LISTED OPTIONS UNIT B SUSTAIN (CREST RAISING) Checked Approved Date GB DG 20/04/18 GB PN AECOM Internal Project No. 60552153 FOR INFORMATION Scale @ A1 THIS DOCUMENT HAS BEEN PREPARED PURSUANT TO AND SUBJECT TO THE TERMS OF AECOMS' APPOINTMENT BY ITS CLIENT. AECOM ACCEPTS NO LIABILITY FOR ANY USE OF THIS DOCUMENT OTHER THAN BY ITS ORIGINAL CLIENT OR FOLLOWING AECOMS' EXPRESS AGREEMENT TO SUCH USE, AND ONLY FOR THE PURPOSES FOR WHICH IT WAS PREPARED AND PROVIDED AECOM Infrastructure & Environment UK Limited Scott House Alencon Link Hampshire, RG21 7PI Tel:+44 (0)1256 310 200 Fax:+44 (0)1256 310 20 2.5m rawing Number HUN-ACM-UA-XX-DR-CE-000006 P01



MAP OF UNIT B (NOT TO SCALE)



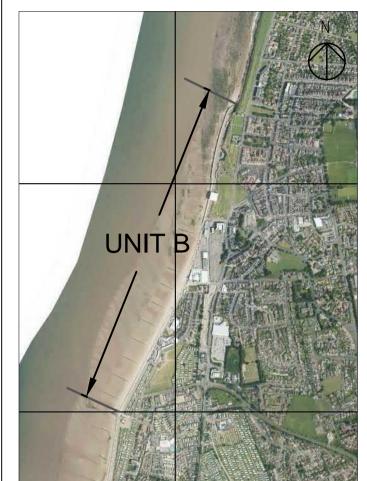
EXAMPLES OF NEW SEAWALLS

- THE PHOTOGRAPHS SHOW RECENT EXAMPLES OF DIFFERENT SEAWALLS THAT HAVE BEEN CONSTRUCTED IN THE PUBLIC REALM TO IMPROVE THE STANDARD OF COASTAL PROTECTION.
- AT THIS STAGE OF THE OPTION DEVELOPMENT PROCESS THE SIZE, SCALE AND NATURE OF A NEW ENHANCED SEAWALL ALONG THE UNIT B FRONTAGE IN HUNSTANTON HAS NOT YET BEEN FULLY DETERMINED.
- THEREFORE, FOR COST ESTIMATION AND COMPARISON PURPOSES THE ENVIRONMENT AGENCY'S COST ESTIMATION FOR COASTAL PROTECTION GUIDANCE (REPORT - SC080039/R7) HAS BEEN USED.

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NOTES

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- DO NOT SCALE FROM THIS DRAWING, USE ONLY PRINTED DIMENSIONS. ALL DIMENSIONS IN MILLIMETRES, ALL CHAINAGES, LEVELS AND COORDINATES ARE IN
- METRES UNLESS DEFINED OTHERWISE. DIMENSIONS OF EXISTING STRUCTURE TAKEN FROM MOTT MACDONALD INVESTIGATION CROSS SECTIONS (1996)



LOCATION MAP

Date Suffix **Revision Details** Purpose of issue

OUTLINE DESIGN - FOR APPRAISAL

BOROUGH COUNCIL OF KING'S LYNN & WEST NORFOLK

Project Title

HUNSTANTON COASTAL MANAGEMENT PLAN

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