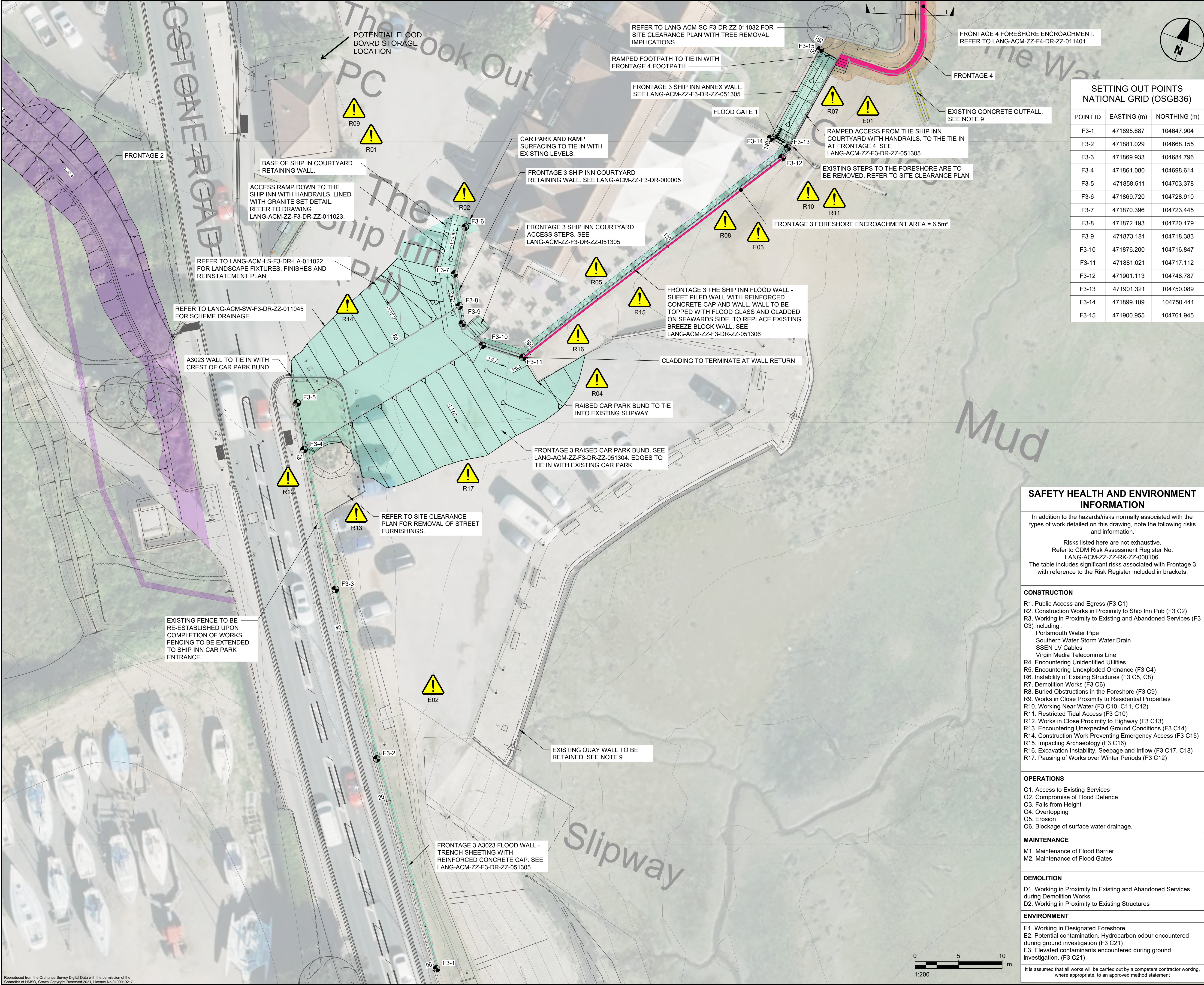




SETTING OUT POINTS
NATIONAL GRID (OSGB36)

POINT ID	EASTING (m)	NORTHING (m)
F3-1	471895.687	104647.904
F3-2	471881.029	104668.155
F3-3	471869.933	104684.796
F3-4	471861.080	104698.614
F3-5	471858.511	104703.378
F3-6	471869.720	104728.910
F3-7	471870.396	104723.445
F3-8	471872.193	104720.179
F3-9	471873.181	104718.383
F3-10	471876.200	104716.847
F3-11	471881.021	104717.112
F3-12	471901.113	104748.787
F3-13	471901.321	104750.089
F3-14	471899.109	104750.441
F3-15	471900.955	104761.945

SAFETY HEALTH AND ENVIRONMENT
INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following risks and information.

Risks listed here are not exhaustive.
Refer to CDM Risk Assessment Register No. LANG-ACM-ZZ-RK-ZZ-000106.
The table includes significant risks associated with Frontage 3 with reference to the Risk Register included in brackets.

- CONSTRUCTION**
- R1. Public Access and Egress (F3 C1)
 - R2. Construction Works in Proximity to Ship Inn Pub (F3 C2)
 - R3. Working in Proximity to Existing and Abandoned Services (F3 C3) including:
 - Portsmouth Water Pipe
 - Southern Water Storm Water Drain
 - SSEN LV Cables
 - Virgin Media Telecomms Line
 - R4. Encountering Unidentified Utilities
 - R5. Encountering Unexploded Ordnance (F3 C4)
 - R6. Instability of Existing Structures (F3 C5, C8)
 - R7. Demolition Works (F3 C6)
 - R8. Buried Obstructions in the Foreshore (F3 C9)
 - R9. Works in Close Proximity to Residential Properties
 - R10. Working Near Water (F3 C10, C11, C12)
 - R11. Restricted Tidal Access (F3 C10)
 - R12. Works in Close Proximity to Highway (F3 C13)
 - R13. Encountering Unexpected Ground Conditions (F3 C14)
 - R14. Construction Work Preventing Emergency Access (F3 C15)
 - R15. Impacting Archaeology (F3 C16)
 - R16. Excavation Instability, Seepage and Inflow (F3 C17, C18)
 - R17. Pausing of Works over Winter Periods (F3 C12)
- OPERATIONS**
- O1. Access to Existing Services
 - O2. Compromise of Flood Defence
 - O3. Falls from Height
 - O4. Overtopping
 - O5. Erosion
 - O6. Blockage of surface water drainage.
- MAINTENANCE**
- M1. Maintenance of Flood Barrier
 - M2. Maintenance of Flood Gates
- DEMOLITION**
- D1. Working in Proximity to Existing and Abandoned Services during Demolition Works.
 - D2. Working in Proximity to Existing Structures
- ENVIRONMENT**
- E1. Working in Designated Foreshore
 - E2. Potential contamination. Hydrocarbon odour encountered during ground investigation (F3 C21)
 - E3. Elevated contaminants encountered during ground investigation. (F3 C21)
- It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement



PROJECT
Langstone Flood and Coastal Erosion Risk Management Scheme

CLIENT
HAVANT BOROUGH COUNCIL

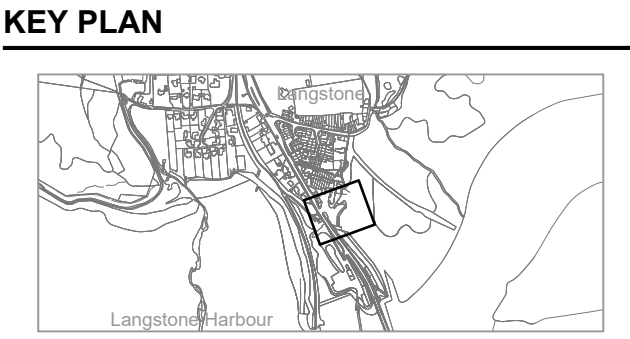
CONSULTANT
Midpoint, Alençon Link,
Basingstoke, Hampshire,
RG21 7PP
T:
www.aecom.com

- NOTES**
- GENERAL NOTES
- THIS DOCUMENT 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.
 - DEFENCE LENGTH/EXTENT SHOWN ARE APPROXIMATE. THE EXACT EXTENT OF THE TYPICAL CROSS SECTION IS TO BE CONFIRMED ON SITE WITH THE SUPERVISOR. EXISTING PATH LEVELS VARIES ALONGS DEFENCE LENGTH, AND BEACH LEVEL VARY SPATIALLY AND WITH TIME.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER (LANG-ACM-ZZ-RK-ZZ-000106) FOR ANY IDENTIFIED POTENTIAL RISKS.
 - ALSO REFER TO DRAWINGS:
MODEL CROSS SECTIONS - #031302 AND #031303
TYPICAL DETAILS - #051304 TO #051306
REBAR DETAILS - #081930 - ##
- DRAWING SPECIFIC NOTES
- DEFENCE ALIGNMENT HAS BEEN DETERMINED FROM TOPOGRAPHICAL SURVEY AND LASER SCAN DATA PROVIDED BY COASTAL PARTNERS.
 - ALL EXISTING SERVICES ARE TO BE IDENTIFIED PRIOR TO WORKS COMMENCING. OUTFALLS SHALL BE MAINTAINED OR PROVIDED WITH A FLAP VALVE TO ENSURE THAT CONTINUITY OF THE FLOOD DEFENCES IS MAINTAINED. REFER TO DRAWING #011044 FOR DETAILS. CONTRACTOR TO INSPECT AND DETERMINE CONDITION OF EXISTING OUTFALLS. DAMAGED PIPES TO BE REPLACED.
 - ALL EXISTING SERVICES ARE TO BE IDENTIFIED PRIOR TO WORKS COMMENCING. SERVICE INFORMATION IS SHOWN ON LANG-ACM-ZZ-F3-DR-ZZ-031302 AND #031303.
 - CONSTRUCTION WORKS ARE TO BE PAUSED OVER WINTER PERIODS. CONTRACTOR TO ENSURE STABILITY OF STRUCTURES AND CONTINUITY OF FLOOD DEFENCES OVER PERIODS WHERE WORK IS PAUSED. e.g BY PROVIDING TEMPORARY FLOOD BARRIERS.

- LEGEND**
- PROPOSED SCHEME FOOTPRINT:
- Frontage 2
 - Frontage 3
 - Frontage 4
 - Foreshore Encroachment Area

ISSUE/REVISION			
P01	21/11/23	100% Detailed Design	
P02	08/02/24	100% Detailed Design	
C01	08/02/24	Construction Issue	
I/R	DATE	DESCRIPTION	

ISSUE PURPOSE / SUITABILITY
Detail Design Authorised/Accepted



PROJECT NUMBER
60656877

SHEET TITLE
FRONTAGE 3
GENERAL ARRANGEMENT

SHEET NUMBER
LANG-ACM-ZZ-F3-DR-ZZ-011301

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