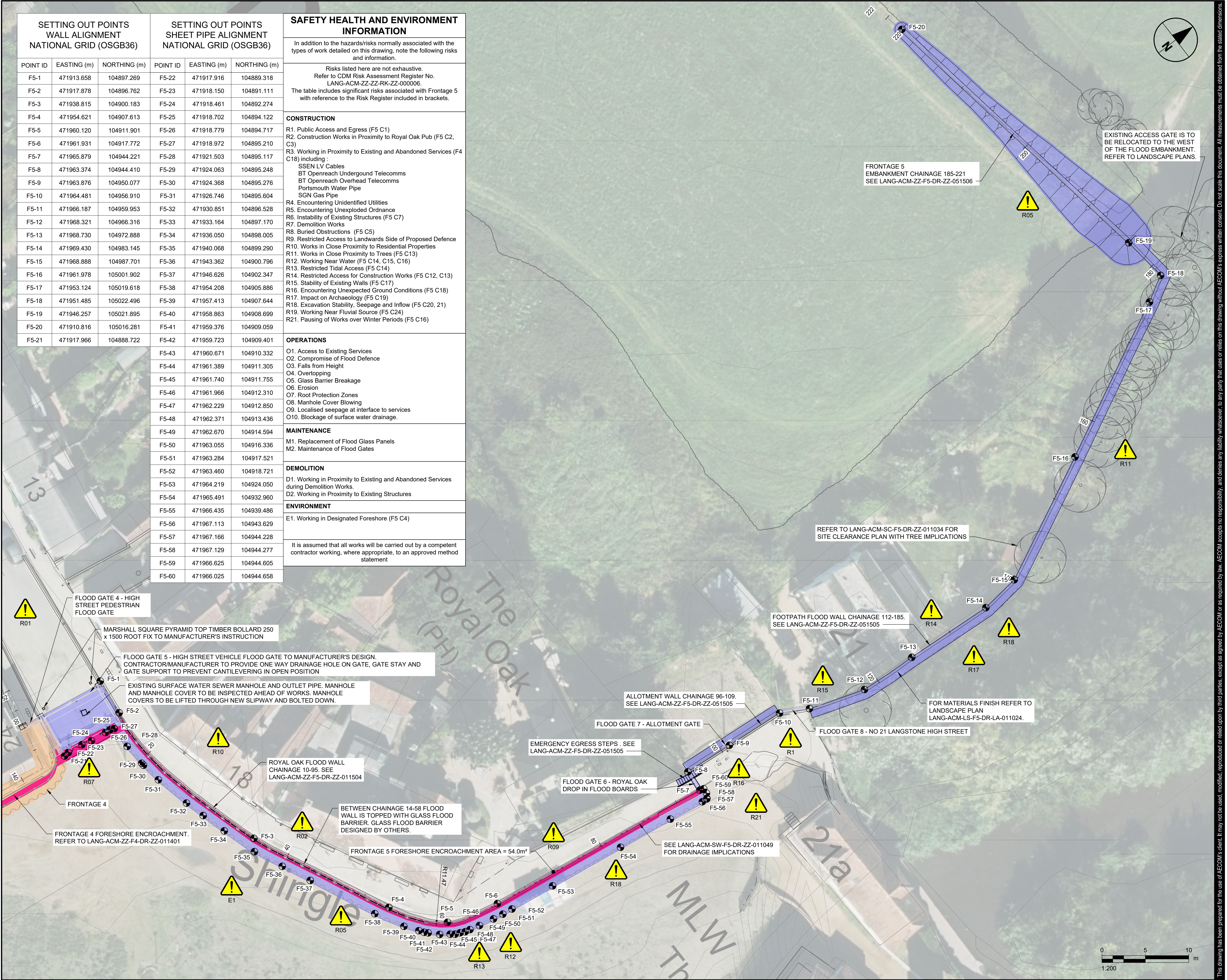


SETTING OUT POINTS WALL ALIGNMENT NATIONAL GRID (OSGB36)			SETTING OUT POINTS SHEET PIPE ALIGNMENT NATIONAL GRID (OSGB36)		
POINT ID	EASTING (m)	NORTHING (m)	POINT ID	EASTING (m)	NORTHING (m)
F5-1	471913.658	104897.269	F5-22	471917.916	104889.318
F5-2	471917.878	104896.762	F5-23	471918.150	104891.111
F5-3	471938.815	104900.183	F5-24	471918.461	104892.274
F5-4	471954.621	104907.613	F5-25	471918.702	104894.122
F5-5	471960.120	104911.901	F5-26	471918.779	104894.717
F5-6	471961.931	104917.772	F5-27	471918.972	104895.210
F5-7	471965.879	104944.221	F5-28	471921.503	104895.117
F5-8	471963.374	104944.410	F5-29	471924.063	104895.248
F5-9	471963.876	104950.077	F5-30	471924.368	104895.276
F5-10	471964.481	104956.910	F5-31	471926.746	104895.604
F5-11	471966.187	104959.953	F5-32	471930.851	104896.528
F5-12	471968.321	104966.316	F5-33	471933.164	104897.170
F5-13	471968.730	104972.888	F5-34	471936.050	104898.005
F5-14	471969.430	104983.145	F5-35	471940.068	104899.290
F5-15	471968.888	104987.701	F5-36	471943.362	104900.796
F5-16	471961.978	105001.902	F5-37	471946.626	104902.347
F5-17	471953.124	105019.618	F5-38	471954.208	104905.886
F5-18	471951.485	105022.496	F5-39	471957.413	104907.644
F5-19	471946.257	105021.895	F5-40	471958.863	104908.699
F5-20	471910.816	105016.281	F5-41	471959.376	104909.059
F5-21	471917.966	104888.722	F5-42	471959.723	104909.401
			F5-43	471960.671	104910.332
			F5-44	471961.389	104911.305
			F5-45	471961.740	104911.755
			F5-46	471961.966	104912.310
			F5-47	471962.229	104912.850
			F5-48	471962.371	104913.436
			F5-49	471962.670	104914.594
			F5-50	471963.055	104916.336
			F5-51	471963.284	104917.521
			F5-52	471963.460	104918.721
			F5-53	471964.219	104924.050
			F5-54	471965.491	104932.960
			F5-55	471966.435	104939.486
			F5-56	471967.113	104943.629
			F5-57	471967.166	104944.228
			F5-58	471967.129	104944.277
			F5-59	471966.625	104944.605
			F5-60	471966.025	104944.658

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-ZZ-RK-ZZ-000006.
The table includes significant risks associated with Frontage 5 with reference to the Risk Register included in brackets.
CONSTRUCTION
R1. Public Access and Egress (F5 C1) R2. Construction Works in Proximity to Royal Oak Pub (F5 C2, C3) R3. Working in Proximity to Existing and Abandoned Services (F4 C18) including : SSEN LV Cables BT Openreach Underground Telecomms BT Openreach Overhead Telecomms Portsmouth Water Pipe SGN Gas Pipe R4. Encountering Unidentified Utilities R5. Encountering Unexploded Ordnance R6. Instability of Existing Structures (F5 C7) R7. Demolition Works R8. Buried Obstructions (F5 C5) R9. Restricted Access to Landwards Side of Proposed Defence R10. Works in Close Proximity to Residential Properties R11. Works in Close Proximity to Trees (F5 C13) R12. Working Near Water (F5 C14, C15, C16) R13. Restricted Tidal Access (F5 C14) R14. Restricted Access for Construction Works (F5 C12, C13) R15. Stability of Existing Walls (F5 C17) R16. Encountering Unexpected Ground Conditions (F5 C18) R17. Impact on Archaeology (F5 C19) R18. Excavation Stability, Seepage and Inflow (F5 C20, 21) R19. Working Near Fluvial Source (F5 C24) R21. Pausing of Works over Winter Periods (F5 C16)
OPERATIONS
O1. Access to Existing Services O2. Compromise of Flood Defence O3. Falls from Height O4. Overtopping O5. Glass Barrier Breakage O6. Erosion O7. Root Protection Zones O8. Manhole Cover Blowing O9. Localised seepage at interface to services O10. Blockage of surface water drainage.
MAINTENANCE
M1. Replacement of Flood Glass Panels 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 (F5 C4)
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement



AECOM

PROJECT

Langstone Flood and Coastal Erosion Risk Management Scheme

CLIENT

HAVANT BOROUGH COUNCIL

CONSULTANT

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NOTES

GENERAL NOTES

1. THIS DOCUMENT IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DOCUMENTATION.

2. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.

3. ALL DIMENSIONS IN MILLIMETRES. ALL CHAINAGES, LEVELS AND COORDINATES ARE IN METRES, UNLESS DEFINED OTHERWISE.

4. DEFENCE LENGTHS SHOWN ARE APPROXIMATE. THE EXACT EXTENT OF THE TYPICAL CROSS SECTION IS TO BE CONFIRMED ON SITE WITH THE SUPERVISOR.

5. EXISTING PATH LEVELS VARIES ALONG DEFENCE LENGTH, AND BEACH LEVEL VARY SPATIALLY AND WITH TIME.

6. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE RISK REGISTER (LANG-ACM-ZZ-ZZ-RK-ZZ-000106) FOR ANY IDENTIFIED POTENTIAL RISKS.

7. ALSO REFER TO DRAWINGS:
GENERAL ARRANGEMENT - # 011501
MODEL CROSS SECTIONS - # 031502 AND # 031503
TYPICAL DETAILS - # 051504 TO # 051506
DRAINAGE - # 011049, # 021050 AND # 051051
LANDSCAPE - # 011024
REBAR DETAILS - # 08195# TO 08195#

DRAWING SPECIFIC NOTES

8. DEFENCE ALIGNMENT HAS BEEN DETERMINED FROM TOPOGRAPHICAL SURVEY AND LASER SCAN DATA PROVIDED BY COASTAL PARTNERS.

9. ALL EXISTING LAND DRAINAGE OUTFALLS SHALL BE IDENTIFIED PRIOR TO WORKS COMMENCING. OUTFALLS SHALL BE SEALED OR PROVIDED WITH A FLAP VALVE TO ENSURE THAT CONTINUITY OF THE FLOOD DEFENCE IS MAINTAINED. REFER TO DRAWING #051051 FOR DETAILS. CONTRACTOR TO INSPECT AND DETERMINE CONDITION OF EXISTING OUTFALLS. DAMAGED PIPES TO BE REPLACED.

10. ALL EXISTING SERVICES ARE TO BE IDENTIFIED PRIOR TO WORKS COMMENCING. SERVICE INFORMATION IS SHOWN ON LANG-ACM-ZZ-F5-DR-ZZ-031502 AND 031503. A GAP IN THE SHEET PILES AT THE HIGH STREET IS REQUIRED DUE TO PRESENCE OF SOUTHERN WATER PIPE.

12. 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 4

Frontage 5

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
P03	04/02/25	No 21 Update
C02	04/02/25	No 21 Update
I/R	DATE	DESCRIPTION

ISSUE PURPOSE / SUITABILITY

Detail Design Authorised/Accepted

KEY PLAN

PROJECT NUMBER

60656877

SHEET TITLE

FRONTAGE 5
GENERAL ARRANGEMENT

SHEET NUMBER

LANG-ACM-ZZ-F5-DR-ZZ-011501

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