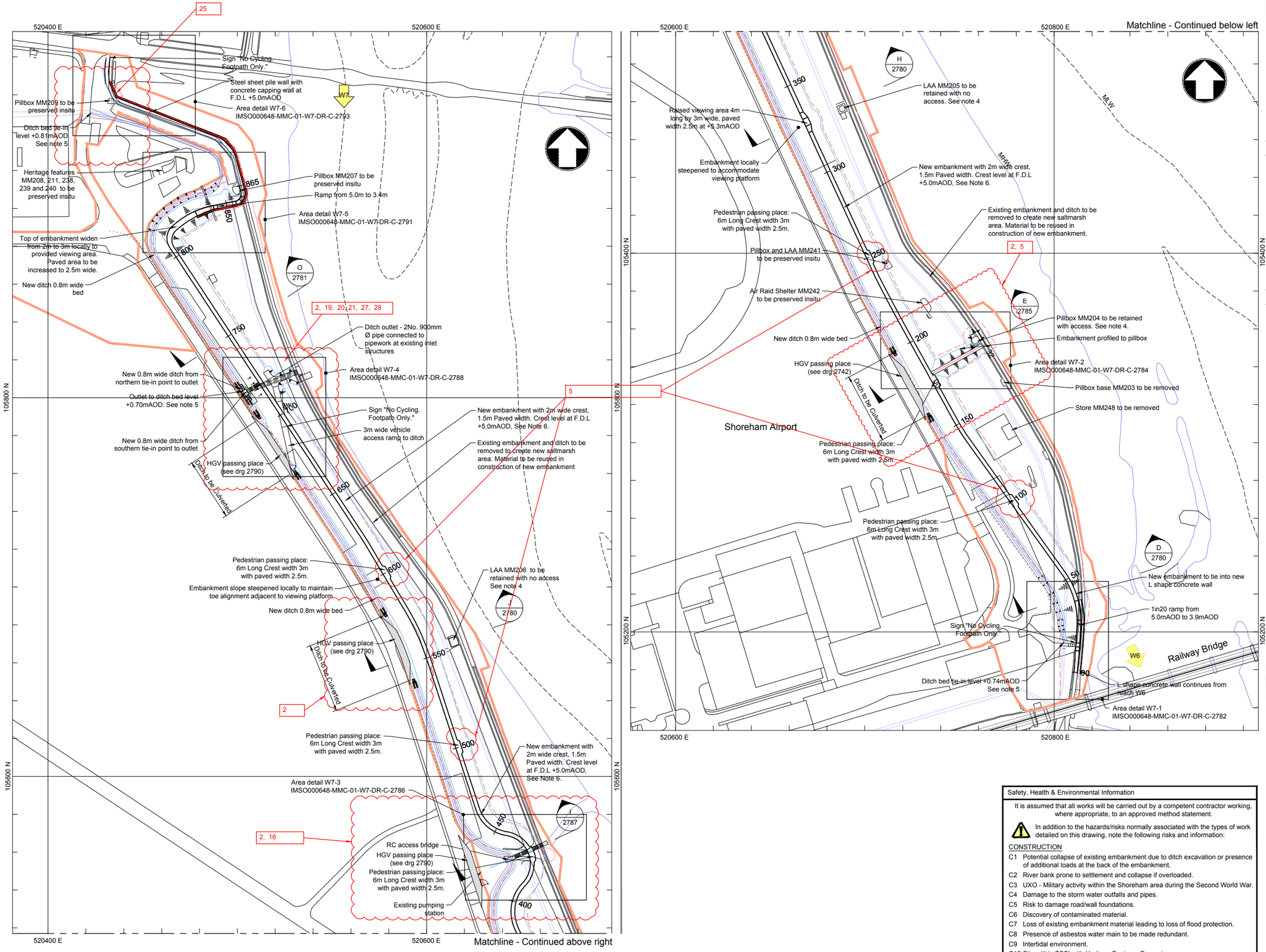


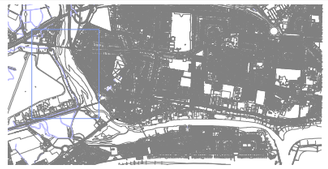
Notes

1. All dimensions are in metres unless noted otherwise.
2. All levels are in metres relative to Ordnance Datum Newlyn (OD).
3. All positions are in metres relative to National Grid.
4. Banks to be reprofiled around existing pillboxes to new saltmarsh level. Enkamat® protection to be provided around the pillbox banks.
5. New ditch to have constant bed level of +0.8m from tie-in locations at the North and South locations as per existing ditch layout
6. Embankment earthworks to be constructed as per specification and drawing IMSO000648-MMC-01-W7-DR-C-2780. Flood Defence Level (F.D.L) +5.0mAOD. Embankments constructed above this level to allow for settlement as per drawing IMSO000648-MMC-01-W7-DR-C-2780
7. Refer to drawings IMSO000648-MMC-02-00-DR-Y-1002 for details of Heritage Features.
8. Vehicle passing spaces to be provided using airport permitted development rights.

Key to symbols

- W6 — Reach extent
- Top of Embankment
- Bottom of Embankment
- Ditch - top of bank
- Ditch - base
- Approximate tie-in to salt marsh
- New flood embankment
- Compensatory habitat area
- Boundary of works
- Limits of deviation
- 5 — Reference numbers are linked to SATW change Tracking Document
- MHW — Mean high water
- MLW — Mean low water

Key plan



Reference drawings

IMSO000648-MMC-01-W7-DR-C-2778	Reach Overview
IMSO000648-MMC-01-W7-DR-C-2780	Sections - Sheet 1
IMSO000648-MMC-01-W7-DR-C-2781	Sections and Details - Sheet 2
IMSO000648-MMC-01-W7-DR-C-2782	Area detail W7-1
IMSO000648-MMC-01-W7-DR-C-2784	Area detail W7-2
IMSO000648-MMC-01-W7-DR-C-2786	Area detail W7-3
IMSO000648-MMC-01-W7-DR-C-2788	Area detail W7-4
IMSO000648-MMC-01-W7-DR-C-2791	Area detail W7-5
IMSO000648-MMC-02-00-DR-Y-1002	World War 2 Heritage

1:1000 — 0 — 50m — 100m

Rev	Date	Drawn	Description	Ch'k'd	App'd
P01	30.04.18	LB	For Planning Approval	NJC	PJP

Mott MacDonald
Mott MacDonald House
8-10 Sydenham Road
Croydon, CR0 2EE
United Kingdom
T +44 (0)20 8774 2000
F +44 (0)20 8681 5706
W www.mottmac.com

Client: Environment Agency

Title: Shoreham Adur Tidal Walls
Reach W7: Shoreham Airport

General Arrangement

Safety, Health & Environmental Information

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.

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

CONSTRUCTION

- C1 Potential collapse of existing embankment due to ditch excavation or presence of additional loads at the back of the embankment.
- C2 River bank prone to settlement and collapse if overloaded.
- C3 UXO - Military activity within the Shoreham area during the Second World War.
- C4 Damage to the storm water outfalls and pipes.
- C5 Risk to damage road/wall foundations.
- C6 Discovery of contaminated material.
- C7 Loss of existing embankment material leading to loss of flood protection.
- C8 Presence of asbestos water main to be made redundant.
- C9 Intertidal environment.
- C10 Site within SSSI with Heritage Features Present.

MAINTENANCE

- M1 Potential collapse of embankments due to excavations or presence of additional loads.
- M2 Damage to the storm water outfalls and pipes.

DEMOLITION

See Construction risks above

Designed	R G Kennett	RGK	Eng check	D Collery	DC
Drawn	L Brookman	LB	Coordination	N J Clarke	NJC
Dwg check	P M Starnes	PMS	Approved	P J Phipps	PJP

Scale at A1	Status	Rev	Security
1:1000	A5	P01	STD

Drawing Number: IMSO000648-MMC-01-W7-DR-C-2779

© Mott MacDonald

This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose.
We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.

© Crown copyright and database rights 2014 Ordnance Survey 100024198 © Environment Agency copyright and/or database rights 2014. All rights reserved.

C:\pw work\pw_dev_cde\bro61132\dms00816\IMSO000648-MMC-01-W7-DR-C-2779.dwg May 24, 2018 - 6:07PM bro61132