

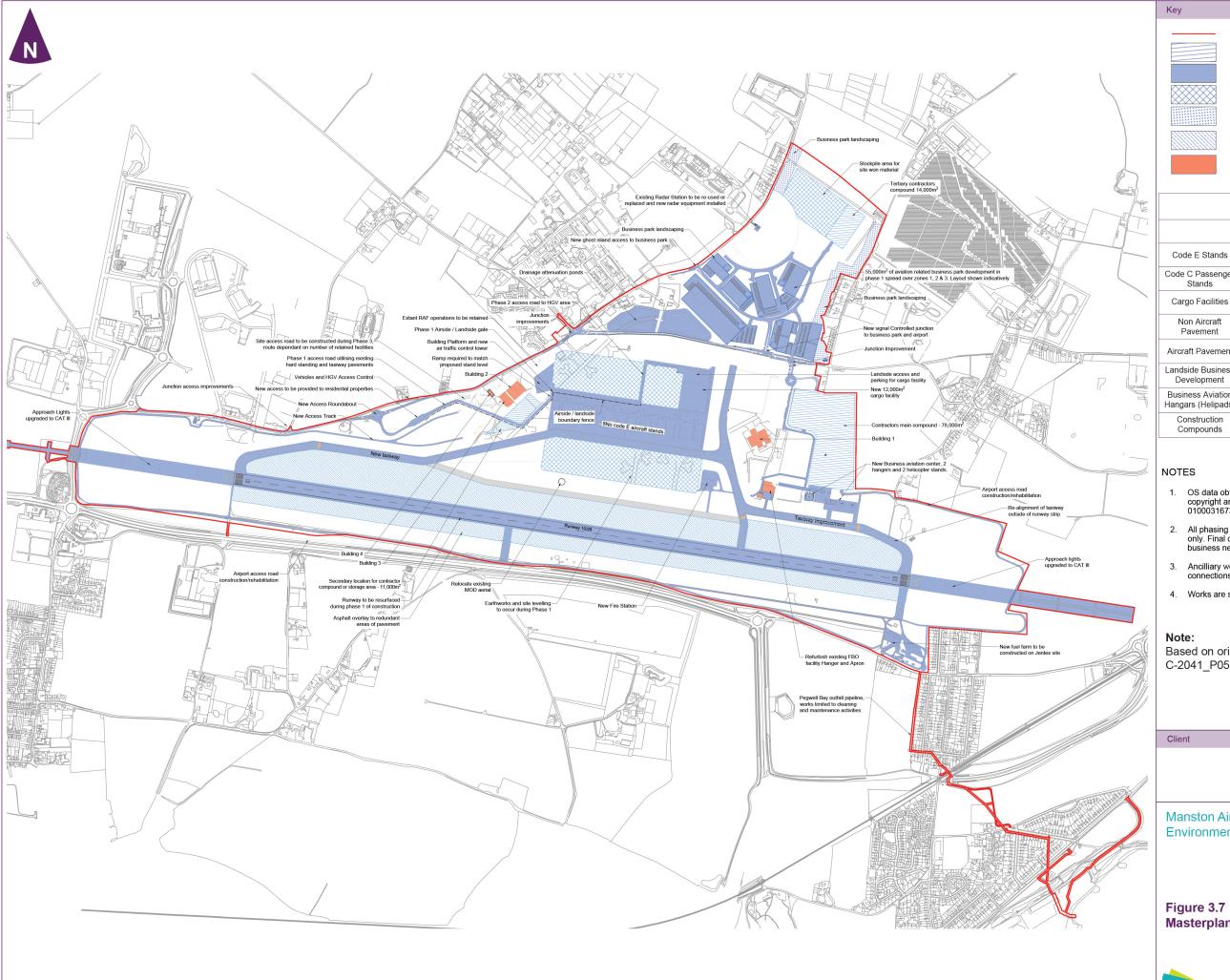
5.2-4 Environmental Statement Volume 4: Figures

TR020002/APP/5.4

Project Name: Manston Airport Development Consent Order **Regulation:** Regulation 5(2)(a) of the Infrastructure Planning

(Applications: Prescribed Forms and Procedure) Regulations 2009, as amended

Date: July 2018



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Order Limits

Phase 1 Compound(s)

Phase 1 Construction

Earthworks and site clearance

Landscaping

Asphalt overlay to redundant areas of existing pavement

Existing building to be retained

PHASE 1							
	Constructed in Phase 1	Site Total					
Code E Stands	8	8					
Code C Passenger Stands	0	0					
Cargo Facilities	12,000 m²	12,000 m²					
Non Aircraft Pavement	758,000 m²	1,071,000 m²					
Aircraft Pavement	393,622m²	393,622 m²					
Landside Business Development	55,000m ²	55,000m ²					
Business Aviation Hangars (Helipads)	2(2)	2(2)					
Construction Compounds	4	-					

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- All phasing elements are shown for illustrative purposes only. Final development of the site will be to suit emerging business needs.
- 3. Ancilliary works such as AGL, navaids, and service connections are not shown
- 4. Works are shown for illustrative purposes only

Based on original drawing "RPS-MSE-XX-DR-C-2041_P05" supplied by RPS

RSP

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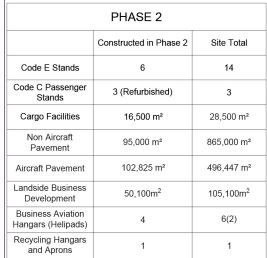
Masterplan - Phase 1 phasing plan



Order Limits Phase 2 Compound(s) Phase 2 Construction Earthworks and Site Clearance Works completed in previous phase

Existing buildings to be retained

Area cleared and levelled in previous phase



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3

- 2. All phasing elements are shown for illustrative purposes only. Final development of the site will be to suit emerging business needs
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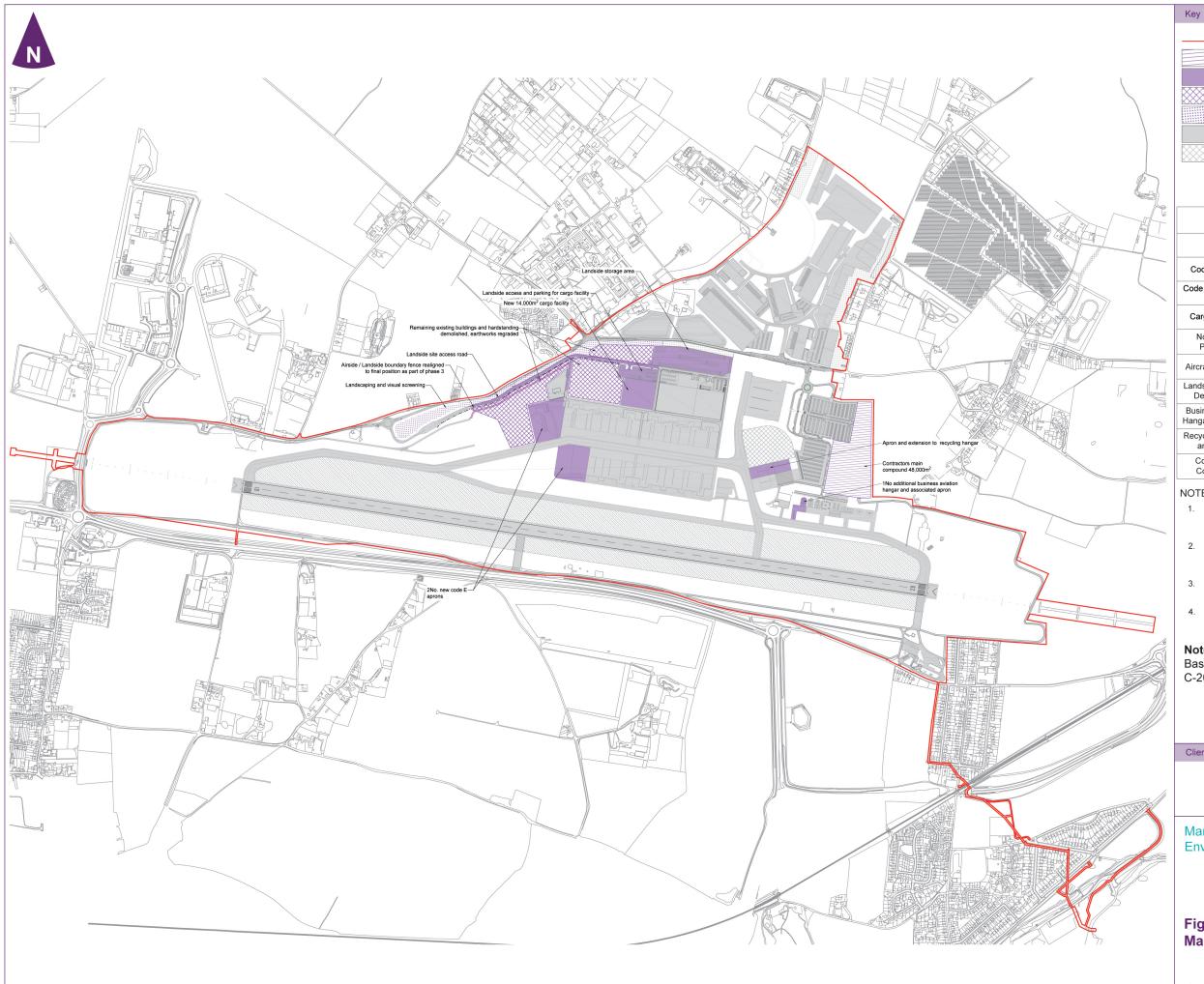
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Figure 3.8 Masterplan - Phase 2 phasing plan



Phase 3 Compound(s) Phase 3 Construction Earthworks and Site Clearance Landscaping Works completed in previous phases

Area cleared and levelled in previous phase

PHASE 3							
	Constructed in Phase 3	Site Total					
Code E Stands	2	16					
Code C Passenger Stands	0	3					
Cargo Facilities	14,000 m²	42,500 m²					
Non Aircraft Pavement	59,000 m²	924,000 m²					
Aircraft Pavement	43,463 m²	539,910 m²					
Landside Business Development	0m ²	105,000m ²					
Business Aviation Hangars (Helipads)	1	7(2)					
Recycling Hangars and Aprons	1	2					
Construction Compounds	1	-					

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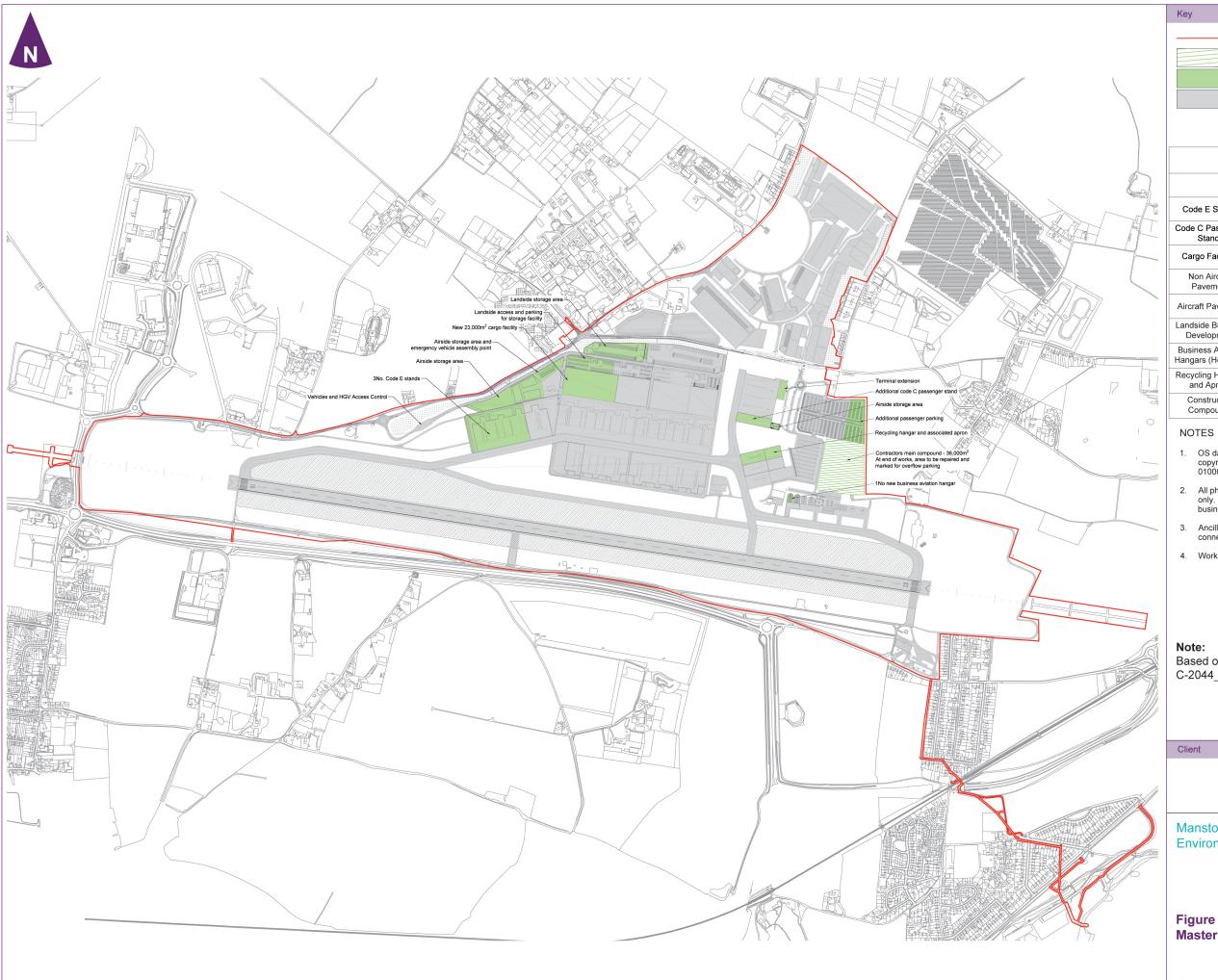
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Figure 3.9 Masterplan - Phase 3 phasing plan



Order Limits Phase 4 Compound(s) Phase 4 Construction Works completed in previous phases

PHASE 4							
	Constructed in Phase 4	Site Total					
Code E Stands	3	19					
Code C Passenger Stands	1	4					
Cargo Facilities	23,000 m²	65,500 m²					
Non Aircraft Pavement	72,500 m²	996,500 m²					
Aircraft Pavement	33,900 m²	573,810 m²					
Landside Business Development	0m ²	105,100m ²					
Business Aviation Hangars (Helipads)	1	8(2)					
Recycling Hangars and Aprons	1	3					
Construction Compounds	1	-					

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Not to scale

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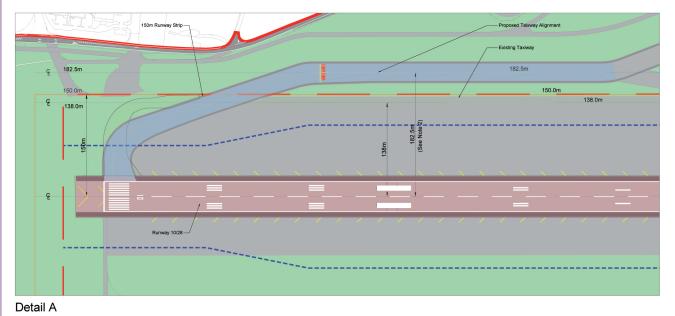


Figure 3.10 Masterplan - Phase 4 phasing plan









	Distance between taxiway centre line and runway centre line (metres)							Taxiway centre line	Taxiway, other than	Aircraft stand	Aircraft stand	
Code letter	Instrument runways Code number			Non-instrument runways Code number			2 PK 57 MILL	to taxiway aircraft centre line stand (metres) taxilane,	taxilane centre line to aircraft stand			
	1	2	3	4	1	2	3	4	(medes)	centre line to object (metres)	taxilane centre line (metres)	(metres)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Α	77.5	77.5	-	-	37.5	47.5	_	-	23	15.5	19.5	12
В	82	82	152	-	42	52	87		32	20	28.5	16.5
С	88	88	158	158	48	58	93	93	44	26	40.5	22.5
D	-	-	166	166	-	-	101	101	63	37	59.5	33.5
E	-	-	172.5	172.5	-		107.5	107.5	76	43.5	72.5	40
F	_	_	180	180	_	-	115	115	91	51	87.5	47.5

Note 1: The separation distances shown in columns (2) to (9) represent ordinary combinations of runways and

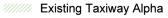
Note 2: The distances in columns (2) to (9) do not guarantee sufficient clearance behind a holding aeroplane to pern the passing of another aeroplane on a parallel taxiway.

Table D-1. Taxiway minimum separation distances

EASA Document: Certification Specification For Aerodron Clause CS.ADR-DSN.D.260

Key

Runway 10/28



Proposed Taxiway

Runway Strip

Order Limits

Note:1
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Separation distance between Taxiway Alpha and Runway of 182.5m was originally based on EASA Guidance Material for aerodrome design CS-ADR-DSN Issue 3.

This was suspended by issue 4 on 8th December 2017 which reduced the minimum separation distance to 172.5m for code E and 180m for code F. The realignment therefore remains compliant with the latest standards but could be reduced.

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Figure 3.11 Runway-taxiway alpha interference