

# MELBOURNE AIRPORT

## Method of Working Plan

**AGL Project**

**YMML 2023-1**

**AFO-AW-PLN-07-0010**

**Version 1**

<b>MOWP Approval date</b>	29/03/2023
<b>MOWP Commencement date</b>	26/04/2023
<b>MOWP Expiry</b>	13/12/2024
<b>Works Complete</b>	15/12/2023

<b>Document Number</b>	AFO-AW-PLN-07-0010		
<b>Version Number</b>	1		
<b>Originator</b>	Airfield Operations and Works Coordinator APAM	<b>Date</b>	03/03/2023
<b>Approver</b>	Head of Airfield, APAM	<b>Date</b>	29/03/2023

## Contents

1.	Works Information.....	7
1.1.	Conditions of this Method of Working Plan .....	7
1.2.	Project Scope and affected aerodrome facilities.....	7
1.3.	Works sequence.....	7
1.3.1.	Stage 1.....	7
1.3.2.	Stage 2.....	7
1.3.3.	Stage 3.....	8
1.3.4.	Stage 4.....	8
1.3.5.	Stage 5.....	8
1.3.6.	Stage 6.....	9
1.3.7.	Stage 7.....	9
1.3.8.	Stage 8.....	9
1.3.9.	Stage 9.....	10
1.3.10.	Stage 10.....	10
1.3.11.	Stage 11.....	10
1.3.12.	Stage 12.....	11
1.3.13.	Stage 13.....	11
1.3.14.	Stage 14.....	12
1.3.15.	Stage 15.....	12
1.3.16.	Stage 16.....	12
1.3.17.	Stage 17.....	13
2.	Restrictions to Aircraft Operations .....	13
2.1.	Restrictions by works stages.....	13
2.1.1.	Stage 1.....	13
2.1.2.	Stage 2.....	14
2.1.3.	Stage 3.....	15
2.1.4.	Stage 4.....	16
2.1.5.	Stage 5.....	17
2.1.6.	Stage 6.....	17
2.1.7.	Stage 7.....	18
2.1.8.	Stage 8.....	19
2.1.9.	Stage 9.....	20
2.1.10.	Stage 10.....	21

2.1.11.	Stage 11.....	22
2.1.12.	Stage 12.....	22
2.1.13.	Stage 13.....	23
2.1.14.	Stage 14.....	24
2.1.15.	Stage 15.....	25
2.1.16.	Stage 16.....	26
2.1.17.	Stage 17.....	27
2.2.	Weather conditions .....	28
2.3.	Airport emergencies .....	29
2.4.	NOTAM or other change to AIP .....	29
2.5.	Restoration of normal safety standards .....	29
2.6.	Restrictions on the organisation carrying out aerodrome works.....	29
3.	Personnel and Equipment.....	29
3.1.	Requirement to vacate the movement area.....	29
3.2.	Working hours on site.....	29
3.3.	Melbourne Airport operational policies .....	29
3.4.	Site restriction markings/lighting.....	30
3.5.	Access to the work site .....	30
3.6.	Traffic management plans .....	30
3.7.	Marking and lighting of vehicles .....	31
3.8.	Vehicle / equipment height limit .....	31
3.9.	Speed limits.....	31
3.10.	Parking of private vehicles .....	32
3.11.	Control of works personnel.....	32
3.12.	Personal protective equipment (PPE) for the airside environment .....	32
4.	Aerodromes Markers, Markings and Lights.....	32
4.1.	General.....	32
4.2.	Lights.....	32
4.3.	Procedure for protection of electrical services and control cables.....	33
5.	Special Requirements .....	33
5.1.	Airport security .....	33
5.2.	Permits.....	33
5.3.	Critical obstacles .....	35
5.3.1.	General requirements.....	35

---

5.4.	Pavement and cleanliness.....	35
5.5.	Waste disposal and environment protection .....	36
5.6.	Explosives.....	36
5.7.	Dust.....	36
5.8.	Dumping of fill.....	36
5.9.	Site sheds and locations.....	36
5.10.	Food consumption .....	37
5.11.	Smoking.....	37
5.12.	Wildlife hazards.....	37
5.13.	Lime and cement stabilisation .....	37
5.14.	Inspection at the completion of works .....	37
6.	Administration .....	38
6.1.	Contractors .....	38
6.2.	Project Manager.....	38
6.3.	Works Organiser .....	38
6.4.	Airfield Operations and Works Coordinator .....	38
6.5.	Works Safety Officer .....	39
6.6.	MOWP Author.....	39
7.	Authority .....	40
7.1.	Conduct of Works .....	40
7.2.	Expiry.....	40
7.3.	Variation.....	40
7.4.	Approval.....	40
8.	Drawings .....	41
8.1.	Stage 1.....	41
8.2.	Stage 2.....	42
8.3.	Stage 3.....	43
8.4.	Stage 4.....	44
8.5.	Stage 5.....	45
8.6.	Stage 6.....	46
8.7.	Stage 7.....	47
8.8.	Stage 8.....	48
8.9.	Stage 9.....	49
8.10.	Stage 10.....	50

8.11.	Stage 11.....	51
8.12.	Stage 12.....	52
8.13.	Stage 13.....	53
8.14.	Stage 14.....	54
8.15.	Stage 15.....	55
8.16.	Stage 16.....	56
8.17.	Stage 17.....	57
9.	Distribution List.....	58
10.	Further Information.....	58

## Definitions

Please refer to the [Aeronautical Information Package](#) and the [CASA Website](#) for commonly used Aviation terms and abbreviations.

For additional definitions specific to Melbourne Airport, please visit [www.melbourneairport.com.au/glossary](http://www.melbourneairport.com.au/glossary).

## 1. Works Information

### 1.1. Conditions of this Method of Working Plan

No changes to the conditions outlined in this Method of Working Plan (MOWP) can be made without the approval of the Airfield Operations and Works Coordinators.

### 1.2. Project Scope and affected aerodrome facilities.

The AGL works are required to complete the remaining sections of the Airfield that were earmarked to be completed under Project Zulu. These works include closures of Taxiways and there are no Runway closures intended.

### 1.3. Works sequence

#### 1.3.1. Stage 1

<b>Planned date and time of commencement</b>	Survey/ NDD day      23/05/2023 to 25/05/2023 Civil works night      21/06/2023 to 29/06/2023 Electrical bases night      3/06/2023 to 29/06/2023 Linemarking day      16/10/2023
<b>During this stage</b>	Taxiway Alpha between Taxiway Tango and Taxiway Echo not available.
<b>Planned date and time of completion of stage</b>	16/10/2023

#### 1.3.2. Stage 2

<b>Planned date and time of commencement</b>	Survey/ NDD day      03/05/2023 to 08/05/2023 Civil works night      19/06/2023 to 29/06/2023 Electrical night      28/06/2023 to 29/06/2023 Linemarking day      10/10/2023
<b>During this stage</b>	Taxiway Alpha between Taxiway Echo and Taxiway Charlie not available

<b>Planned date and time of completion of stage</b>	10/10/2023

**1.3.3. Stage 3**

<b>Planned date and time of commencement</b>	Survey/ NDD day      09/05/2023 to 11/05/2023 Civil night              23/06/2023 to 30/06/2023 Electrical night works    22/06/2023 to 30/06/2023 Linemarking day          11/10/2023
<b>During this stage</b>	Taxiway Sierra between Taxiway Echo and Taxiway Tango not available
<b>Planned date and time of completion of stage</b>	11/10/2023

**1.3.4. Stage 4**

<b>Planned date and time of commencement</b>	Survey/NDD day      12/05/2023 to 16/05/2023 Civil night works 27/06/2023 to 29/06/2023 Electrical night          28/09/2023 to 29/06/2023 Linemarking day          12/10/2023
<b>During this stage</b>	Taxiway Foxtrot between Taxiway Tango and Taxiway Echo, Taxiway Victor between Taxiway Tango, and Taxiway Echo not available
<b>Planned date and time of completion of stage</b>	12/10/2023

**1.3.5. Stage 5**

<b>Planned date and time of commencement</b>	Electrical Bases day      06/10/2023 Electrical cutovers        23/10/2023
<b>During this stage</b>	Taxiway Foxtrot between Taxiway Echo and Taxiway Tango not available



<b>Planned date and time of completion of stage</b>	23/10/2023
---	------------

### 1.3.6. Stage 6

<b>Planned date and time of commencement</b>	Survey/ NDD day      08/06/2023 to 14/06/2023 Civil night              07/07/2023 to 17/07/2023 Electrical Bases night    13/07/2023 to 17/07/2023 Linemarking day        20/10/2023
<b>During this stage</b>	Taxiway Echo between Taxiway Victor and Taxiway Alpha, and Taxiway Foxtrot between Taxiway Victor and Taxiway Echo
<b>Planned date and time of completion of stage</b>	20/10/2023

### 1.3.7. Stage 7

<b>Planned date and time of commencement</b>	Survey/ NDD day      31/05/2023 to 02/06/2023 Civil night works        23/06/2023 to 07/07/2023 Electrical                04/07/2023 to 07/07/2023 Linemarking              18/10/2023
<b>During this stage</b>	Taxiway Echo between Taxiway Sierra and Taxiway Alpha not available
<b>Planned date and time of completion of stage</b>	18/10/2023

### 1.3.8. Stage 8

<b>Planned date and time of commencement</b>	Survey/ NDD day      28/04/2023 to 02/05/2023 Civil night                16/06/2023 to 22/06/2023 Electrical night        20/06/2023 to 22/06/2023
--	---

<b>During this stage</b>	Taxiway Echo between Taxiway Sierra and Taxiway Papa not available
<b>Planned date and time of completion of stage</b>	22/06/2023

### 1.3.9. Stage 9

<b>Planned date and time of commencement</b>	Survey/ NDD day works 17/05/2023 to 19/05/2023 Installation night works 22/06/2023 to 27/06/2023 Connections 22/06/2023 to 27/06/2023 Linemarking 13/10/2023
<b>During this stage</b>	Taxiway Echo between Taxiway Papa and Taxiway Quebec not available
<b>Planned date and time of completion of stage</b>	13/10/2023

### 1.3.10. Stage 10

<b>Planned date and time of commencement</b>	Survey/ NDD night 9/07/2023 Civil night 08/08/2023 to 11/08/2023 Electrical/linemarking 09/08/2023 to 11/08/2023
<b>During this stage</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango not available
<b>Planned date and time of completion of stage</b>	11/08/2023

### 1.3.11. Stage 11

<b>Planned date and time of commencement</b>	Survey/NDD day 05/06/2023 to 07/06/2023 Civil night 04/07/2023 to 14/07/2023
--	---

	Electrical/linemarking 07/07/2023 to 14/07/2023
<b>During this stage</b>	Taxiway Papa between Taxiway Echo and Runway 09/27 and Taxiway Echo between Taxiway Papa and Taxiway Quebec
<b>Planned date and time of completion of stage</b>	14/07/2023

### 1.3.12. Stage 12

<b>Planned date and time of commencement</b>	Survey/NDD day 26/05/2023 to 30/05/2023 Civil night 27/06/2023 to 29/06/2023 Electrical day 17/10/2023
<b>During this stage</b>	Taxiway Echo between Taxiway Quebec and Taxiway Romeo not available
<b>Planned date and time of completion of stage</b>	17/10/2023

### 1.3.13. Stage 13

<b>Planned date and time of commencement</b>	Survey/NDD night 21/07/2023 Civil night 23/08/2023 to 29/08/2023 Electrical night 23/08/2023 to 29/08/2023 Linemarking night 28/08/2023 to 29/08/2023
<b>During this stage</b>	Taxiway Papa and Taxiway Tango Intersection not available
<b>Planned date and time of completion of stage</b>	29/08/2023

**1.3.14. Stage 14**

<b>Planned date and time of commencement</b>	Survey/NDD day Civil night 22/08/2023 Electrical 22/08/2023	20/07/2023 15/08/2023 to  16/08/2023 to
<b>During this stage</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango not available	
<b>Planned date and time of completion of stage</b>	22/08/2023	

**1.3.15. Stage 15**

<b>Planned date and time of commencement</b>	Survey/NDD night Civil night 03/08/2023 Electrical 03/08/2023	18/07/2023 27/07/2023 to  01/08/2023 to
<b>During this stage</b>	Taxiway Tango adjacent to Bay Charlie 12 not available	
<b>Planned date and time of completion of stage</b>	03/08/2023	

**1.3.16. Stage 16**

<b>Planned date and time of commencement</b>	Survey/NDD night Civil night 04/09/2023 Electrical/linemarking 04/09/2023	25/07/2023 31/08/2023 to  03/09/2023 to
<b>During this stage</b>	Taxiway Papa adjacent to Bay Delta 7 not available	
<b>Planned date and time of completion of stage</b>	04/09/2023	

### 1.3.17. Stage 17

<b>Planned date and time of commencement</b>	Survey/NDD night Civil night 29/08/2023 Electrical night 29/08/2023 Linemarking night 29/08/2023	21/07/2023 23/08/2023 to 23/08/2023 to 28/08/2023 to
<b>During this stage</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango not available and Taxiway Tango between Taxiway Papa and Taxiway Quebec not available	
<b>Planned date and time of completion of stage</b>	29/08/2023	

The above works sequence is based on the plan only. The actual date and time of commencement will be advised by a NOTAM, to be issued not less than 48 hours before work commences.

Actual dates and times will also be advised via the release of a Local Works Plan to affected stakeholders and will be updated to aircraft operators via the Aeronautical Information Publication including AIP-SUP, AIC and NOTAM.

## 2. Restrictions to Aircraft Operations

### 2.1. Restrictions by works stages.

#### 2.1.1. Stage 1

<b>Stage 1</b>	
<b>Description of works</b>	Taxiway Alpha between Taxiway Tango and Taxiway Echo involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	23/05/2023
<b>Scheduled end date</b>	16/10/2023
<b>Restrictions: Manoeuvring Area</b>	
<b>Runways</b>	Not applicable

Stage 1	
<b>Taxiways</b>	Taxiway Alpha between Taxiway Tango and Taxiway Echo not available.
<b>Aircraft type restrictions</b>	Not applicable
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 1 TWY A BTN TWY T AND TWY E CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Lights and cones will be placed 2m off the Intermediate Holding Point where required to allow contractors room to work.  These will be surveyed and marked in by the contractor
<b>Drawings</b>	<a href="#">Stage 1</a>

### 2.1.2. Stage 2

Stage 2	
<b>Description of works</b>	Taxiway Alpha between Taxiway Echo and Taxiway Charlie involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	03/05/2023
<b>Scheduled end date</b>	10/10/2023
<b>Restrictions: Manoeuvring Area</b>	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Alpha between Taxiway Echo and Taxiway Charlie not available.
<b>Aircraft type restrictions</b>	Not applicable

Stage 2	
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 2 TWY A BTW TWY E AND TWY C CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	The works area is between Taxiway Echo and Runway 09/27 this requires the closure area to be between Taxiway Echo and Taxiway Charlie
<b>Drawings</b>	<a href="#">Stage 2</a>

### 2.1.3. Stage 3

Stage 3	
<b>Description of works</b>	Taxiway Sierra between Taxiway Echo and Taxiway Tango involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	09/05/2023
<b>Scheduled end date</b>	11/10/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Sierra between Taxiway Echo and Taxiway Tango not available
<b>Aircraft type restrictions</b>	Not applicable
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 3 TWY S BTN TWY E AND TWY T CLSD DUE TO WIP

Stage 3	
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	TDP impacted: S1 Not available.
<b>Drawings</b>	<a href="#">Stage 3</a>

#### 2.1.4. Stage 4

Stage 4	
<b>Description of works</b>	Taxiway Foxtrot between Taxiway Tango and Taxiway Echo, Taxiway Victor between Taxiway Tango and Taxiway Echo involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	12/05/2023
<b>Scheduled end date</b>	12/10/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Foxtrot between Taxiway Tango and Taxiway Echo, Taxiway Victor between Taxiway Tango, and Taxiway Echo not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 4 TWY F BTN TWY T AND TWY E CLSD TWY V BTN TWY T AND TWY E CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Not applicable
<b>Drawings</b>	<a href="#">Stage 4</a>



**2.1.5. Stage 5**

Stage 5	
<b>Description of works</b>	Taxiway Foxtrot between Taxiway Echo and Taxiway Tango not available involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	06/10/2023
<b>Scheduled end date</b>	23/10/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Foxtrot between Taxiway Echo and Taxiway Tango not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 5 TWY F BTW TWY E AND TWY T CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Not applicable.
<b>Drawings</b>	<a href="#">Stage 5</a>

**2.1.6. Stage 6**

Stage 6	
<b>Description of works</b>	Intersection of Taxiway Foxtrot and Taxiway Echo involves electrical works, line marking, and survey or geological investigation works, involves electrical works, line marking, survey or geological investigation works.

Stage 6	
Scheduled start date	08/06/2023
Scheduled end date	20/10/2023
Restrictions: Manoeuvring Area	
Runways	Not applicable
Taxiways	The intersection of Taxiway Foxtrot and Taxiway Echo resulting in Taxiway Echo between Taxiway Victor and Taxiway Alpha and Taxiway Foxtrot between Taxiway Victor and Taxiway Echo not available
Aircraft type restrictions	Not applicable
NOTAM	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 6 TWY E BTN TWY V AND TWY A CLSD TWY F BTN TWY V AND TWY E CLSD DUE TO WIP
Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)	Not applicable
Drawings	<a href="#">Stage 6</a>

### 2.1.7. Stage 7

Stage 7	
Description of works	Taxiway Echo between Taxiway Sierra and Taxiway Alpha involves electrical works, line marking, survey or geological investigation works.
Scheduled start date	31/05/2023
Scheduled end date	18/10/2023
Restrictions: Manoeuvring Area	
Runways	Not applicable.

Stage 7	
<b>Taxiways</b>	Taxiway Echo between Taxiway Sierra and Taxiway Alpha not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 7 TWY E BTN TWY S AND TWY A CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Not applicable
<b>Drawings</b>	<a href="#">Stage 7</a>

### 2.1.8. Stage 8

Stage 8	
<b>Description of works</b>	Taxiway Echo between Taxiway Sierra and Taxiway Papa involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	28/04/2023
<b>Scheduled end date</b>	22/06/2023
<b>Restrictions: Manoeuvring Area</b>	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Echo between Taxiway Sierra and Taxiway Papa not available
<b>Aircraft type restrictions</b>	Not applicable.

Stage 8	
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 8 TWY E BTN TWY S AND TWY P CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	TDP impacted: E1 Not available
<b>Drawings</b>	<a href="#">Stage 8</a>

### 2.1.9. Stage 9

Stage 9	
<b>Description of works</b>	Taxiway Echo between Taxiway Papa and Taxiway Quebec involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	17/05/2023
<b>Scheduled end date</b>	13/10/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Echo between Taxiway Papa and Taxiway Quebec not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	A) MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 9 TWY E BTN TWY P AND TWY Q CLSD DUE TO WIP

Stage 9	
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	TDP impacted: E2 Not available
<b>Drawings</b>	<a href="#">Stage 9</a>

### 2.1.10. Stage 10

Stage 10	
<b>Description of works</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	09/07/2023
<b>Scheduled end date</b>	11/08/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	A) MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 10 TWY P BTN TWY E AND TWY T CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Lights and cones will be placed 2m off the Intermediate Holding Point where required to allow contractors room to work. These will be surveyed and marked in by the contractor. TDP impacted: P2 Not available
<b>Drawings</b>	<a href="#">Stage 10</a>

**2.1.11. Stage 11**

Stage 11	
<b>Description of works</b>	Taxiway Papa between Taxiway Echo and Runway 09/27 and Taxiway Echo between Taxiway Papa and Taxiway Quebec involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	05/06/2023
<b>Scheduled end date</b>	14/07/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable
<b>Taxiways</b>	Taxiway Papa between Taxiway Echo and Runway 09/27 and Taxiway Echo between Taxiway Papa and Taxiway Quebec not available
<b>Aircraft type restrictions</b>	Not applicable
<b>NOTAM</b>	A) MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 11 TWY P BTN TWY E AND RWY 09/27 CLSD TWY E BTN TWY P AND TWY Q CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	TDP impacted: E2 Not available
<b>Drawings</b>	<a href="#">Stage 11</a>

**2.1.12. Stage 12**

Stage 12	
<b>Description of works</b>	Taxiway Echo between Taxiway Quebec and Taxiway Romeo involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	26/05/2023

Stage 12	
Scheduled end date	17/10/2023
Restrictions: Manoeuvring Area	
Runways	Not applicable.
Taxiways	Taxiway Echo between Taxiway Quebec and Taxiway Romeo not available
Aircraft type restrictions	Not applicable.
NOTAM	A) MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 12 TWY E BTW TWY Q AND TWY R CLSD DUE TO WIP
Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)	TDP impacted: E4 Not available
Drawings	<a href="#">Stage 12</a>

### 2.1.13. Stage 13

Stage 13	
Description of works	Taxiway Papa between Taxiway Tango and Taxiway Echo involves electrical works, line marking, survey or geological investigation works.
Scheduled start date	21/07/2023
Scheduled end date	29/08/2023
Restrictions: Manoeuvring Area	
Runways	Not applicable.
Taxiways	Taxiway Papa between Taxiway Tango and Taxiway Echo not available

Stage 13	
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 13 TWY P BTN TWY T AND TWY E CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Bay Charlie 12 not available TDP impacted: P2 T2 Not available. Tail west pushbacks onto T7, T6, T5, T4 and T3 Not Available
<b>Drawings</b>	<a href="#">Stage 13</a>

#### 2.1.14. Stage 14

Stage 14	
<b>Description of works</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango behind Bay Charlie 12 involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	20/07/2023
<b>Scheduled end date</b>	22/08/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable.
<b>Taxiways</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango not available
<b>Aircraft type restrictions</b>	Not applicable.



Stage 14	
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 14 TWY P BTN TWY T AND TWY E CLSD TWY T BTN TWY S AND TWY P NOT AVBL TO THRU TFC TWY P BTN TWY E AND TWY T NOT AVBL TO THRU TFC DUE WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Code C on Bay Delta 3 and Bay Delta 5 Code C arrivals or parking on Bay Delta 7 Bay Delta 19 closed for movements; Aircraft Parking allowed if aircraft is not moved during the closure.  TDP impacted: P2, T3 and T4 Not available Tail west pushbacks into T7, T6, T5, T4 and T3 are not available. Tail east pushbacks only from these TDP
<b>Drawings</b>	<a href="#">Stage 14</a>

### 2.1.15. Stage 15

Stage 15	
<b>Description of works</b>	Taxiway Tango between Taxiway Papa and Taxiway Quebec behind Bay Charlie 12 involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	18/07/2023
<b>Scheduled end date</b>	03/08/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable.
<b>Taxiways</b>	Taxiway Tango between Taxiway Papa and Taxiway Q not available
<b>Aircraft type restrictions</b>	Not applicable.

Stage 15	
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 15 TWY T BTN TWY P AND Q CLSD DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	Cones and lights are to be placed on markings surveyed by the contractor to allow Bay Charlie 11 to be operational throughout the works.  TDP impacted: T1 and T2 Not available
<b>Drawings</b>	<a href="#">Stage 15</a>

### 2.1.16. Stage 16

Stage 16	
<b>Description of works</b>	Taxiway Tango behind Bay Delta 7 involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	25/07/2023
<b>Scheduled end date</b>	04/09/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable.
<b>Taxiways</b>	Taxiway Tango between Taxiway Papa and the IHP behind Bay Delta 7 not available
<b>Aircraft type restrictions</b>	Not applicable.
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 16 TWY T 2M EITHER SIDE OF THE IHP ON TWY T WEST OF TWY P CLSD TWY T BTN TWY S AND TWY P NOT AVBL TO THRU TFC  DUE TO WIP

Stage 16	
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	<p>Bay Delta 7 not available Code C only arrivals on Bay Delta 3 and Bay Delta 5 Bay Delta 19 closed for movements; Aircraft Parking allowed if aircraft is not moved during the closure. Workers are to pull back during movements to avoid jet blast.</p> <p>TDP: T5, T4 and T3 are not available. Tail west pushbacks onto T7, T6, are not available. Pushbacks in this area are Tail east only. All Aircraft pushbacks from Bay Delta 9 will be tail west only.</p>
<b>Drawings</b>	<a href="#">Stage 16</a>

### 2.1.17. Stage 17

Stage 17	
<b>Description of works</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango and Taxiway Tango between Taxiway Papa and Taxiway Quebec not available involves electrical works, line marking, survey or geological investigation works.
<b>Scheduled start date</b>	21/07/2023
<b>Scheduled end date</b>	29/08/2023
Restrictions: Manoeuvring Area	
<b>Runways</b>	Not applicable.
<b>Taxiways</b>	Taxiway Papa between Taxiway Echo and Taxiway Tango and Taxiway Tango between Taxiway Papa and Taxiway Quebec not available
<b>Aircraft type restrictions</b>	Not applicable.

Stage 17	
<b>NOTAM</b>	(A)MELBOURNE (B) (START DATE) (C) (FINISH DATE) (E)MOWP YMML 2023/1 STAGE 17 TWY P BTN TWY E AND TWY T CLSD TWY T BTN TWY P AND TWY Q CLSD TWY P BTN TWY E AND TWY T NOT AVBL TO THRU TFC DUE TO WIP
<b>Remarks (details of any special restrictions and the requirements for the issue of NOTAMs)</b>	TDP impacted: T1 and T2 Not available
<b>Drawings</b>	<a href="#">Stage 17</a>

## 2.2. Weather conditions

Works will not be permitted on the manoeuvring area or in areas where the Senior Airside Safety Officer (Car2) believes is unsafe in:

1. Low visibility conditions; or
2. Weather conditions that Car2 in conjunction with ATC believe are unsafe or may affect airport operations.

Low Visibility Operations must be in force when:

- a) The cloud ceiling is at or below the CAT I minima for the runway being used: or
- b) Runway Visual Range (RVR) is at or below 550m (visibility at or below 800m when RVR not available).

When implementing LVP, Melbourne Tower will notify.

- a) The Senior Airside Safety Officer
- b) Service Desk Airway: and
- c) Operations Manager (OM) Systems Supervisor (SS)

ATC will then declare “Low Visibility Procedures in Force” on the Automated Terminal Information Service (ATIS).

Works may be postponed, limited, or cancelled subject to the prevailing weather conditions.

Once a NOTAM has been issued and there are unfavourable weather conditions, and the NOTAM is required to be cancelled or amended a new NOTAM may be issued at short notice to activate another stage of the MOWP to minimise impact to aircraft operations.

### 2.3. Airport emergencies

Under certain emergency situations, access to the airside of the airport including the work site will not be allowed.

Because of the unpredictable nature of emergency situations, it is not possible to give advance warning of these occurrences. Local Standby situations do not require the works party to vacate the airside.

### 2.4. NOTAM or other change to AIP

Melbourne Airport will issue a NOTAM or other required change to the AIP (i.e. AIP-SUP or AIC) prior to the commencement of the works. Refer to the [Restrictions by works](#) section for the draft wording.

**Note:** For works affecting the Instrument Landing System (ILS), Airservices are responsible for issuing a NOTAM to activate/deactivate the ILS.

### 2.5. Restoration of normal safety standards

All works undertaken in the stages of this MOWP specified in subsection [2.1](#) will require the partial closure of the Manoeuvring area. These closed areas will not be available for aircraft operations until works have been completed, inspected, and declared serviceable as specified in subsection [5.14](#).

### 2.6. Restrictions on the organisation carrying out aerodrome works.

Organisations carrying out aerodrome works must do so in accordance with this MOWP including sections [Personnel and Equipment](#) and [Aerodromes Markers, Markings and Lights](#).

## 3. Personnel and Equipment

### 3.1. Requirement to vacate the movement area.

Personnel and equipment will be required to vacate the movement area during certain weather conditions (refer [Section 2.2](#)) and in the event of an airport emergency refer ([Section 2.3](#))

### 3.2. Working hours on site

Works will be conducted at all hours of the day as agreed by Melbourne Airport to minimise the disruption to operations.

### 3.3. Melbourne Airport operational policies

At all times the contractor must abide by Melbourne Airport's operational policies which include but are not limited to:

- Airside Works Safety.
- Drug and Alcohol Management Plan
- Airside Vehicle Control Handbook

All operational policies are available on the [Melbourne Airport website](#).

### **3.4. Site restriction markings/lighting**

Melbourne Airport may request the contractor to define the Site Restricted area (SRA).

The SRA is to be defined by either:

- 900mm or 300mm high red/white-water barriers
- A continuous line of witches' hat, or
- Other visual aids (markers, markers, or lights) as approved by the Airfield Operations Works Coordinator or delegate.

Yellow warning lights may be requested to be used to define the area during night works. Red lights may also be requested to be placed around hazards within the work area.

The works party, including all works vehicles that are not appropriately lit or approved under the Melbourne Airport Standard Blanket Clearance are not permitted to move outside the works area without the approval of the Works Safety Officer.

### **3.5. Access to the work site**

Access to the work sites for all vehicles and deliveries will be via the access gates as shown on the attached plans. No vehicle will be allowed access or egress through any other gate except as approved by the Airfield Operations and Works Coordinator.

Vehicles and plant moving between the access gate and the work site must follow the route specified on the attached plan under the escort of an escort vehicle unless otherwise approved by Airfield Operations.

Delivery vehicles moving to and from the work site will be issued with a temporary pass at the access gate.

Vehicles that frequently gain access to airside must apply for a permanent Airside Vehicle Permit (Authority to Use Airside).

### **3.6. Traffic management plans**

A Traffic Management Plan (TMP) must be submitted to the Airfield Operations and Works Coordinator in the event any works have an impact on any airside roads including Apron Service Road, Airside Road, or Perimeter Road.

Access from the access gate to the work site for all contractors who do not have an Airside Drivers Authority (ADA) will be by escort only.

### 3.7. Marking and lighting of vehicles

Vehicles accessing the site will be required to have signs that clearly identify the vehicle as belonging to that company (an A4 size sign should be taken as a guide) and be issued with an Authority to Use Airside (AUA).

Additionally, all vehicles while operating airside will be required to have fitted an amber beacon which is visible 360 degrees of the vehicle and must be visible up to 200 meters from the vehicle in normal daylight conditions.

Please refer to the [Airside Vehicle Control Handbook](#) on the Melbourne Airport website for more information.

### 3.8. Vehicle / equipment height limit

No vehicle or other item of plant over 5 metres high may be used at the works site without authority from the Airfield Operations and Works Coordinator. Works parties must comply with any other associated requirements in the Melbourne Airport Manual, including the associated Obstacle Restriction Area instrument as detailed in 5.3.2.

The western track between Gates 11 and 8 will remain usable in all conditions except LVO with the two following restrictions:

- vehicle heights on this section of roadway **are not to exceed 4m**, and
- vehicles **are not permitted to stop** on this roadway section at any time.

If either of the two conditions cannot be achieved, this section of road cannot be used without tower approval as the integrity of the ILS may be affected.

### 3.9. Speed limits

Maximum speed limits apply as follows:

A 10km/h speed limit applies:

- Around or under buildings (Airside Road, Concourse Road, Freight Service Road)
- Apron area within 15 metres of an aircraft

A 15km/h speed limit applies:

- Apron area not within 15 metres of an aircraft and not under or around buildings

A speed limit of 15km/h for tugs and 25km/h for all other vehicles applies to:

- Roadway from Gate 27 to south of Bay H2 (Airside Access Road)
- Roadway from maintenance bases and the rest of the airfield (Maintenance Road)
- Roadway from Gate 27 to G.S.E maintenance precinct (Airside Access Road)

A 40 km/h speed limit applies:

- On taxiways

A 60km/h speed limit applies:

- On the Perimeter Road unless otherwise signposted

Breaches of the speed limit will result in a Penalty Infringement Notice (PIN) being issued or refusal of access to the driver and vehicle involved.

### **3.10. Parking of private vehicles**

Only vehicles and plant engaged in the works will be permitted at the works site. All other vehicles must be parked at a site pre-arranged with the Project Manager.

All vehicles must be returned to the nominated compound at the completion of each day/night works.

### **3.11. Control of works personnel**

All personnel associated with the work will always be bound by the directions of the Works Safety Officer with respect to operational safety matters.

### **3.12. Personal protective equipment (PPE) for the airside environment**

The following PPE must be worn by all personnel airside:

- Hearing Protection
- Dayglow yellow High-Vis clothing or dayglow yellow vest that meet the Australian Standards
- Eye and Skin protection is to be worn in reference to the prevailing weather conditions.
- Safety shoes must always be worn on works sites.
- Hard Hats are required to be worn on work sites

Refer to the Melbourne Airport [Pedestrian Safety Policy](#) for further information.

## **4. Aerodromes Markers, Markings and Lights**

### **4.1. General**

Melbourne Airport shall mark the unserviceable operational area and install unserviceability markers and markings during the works as per the attached plans.

Closed portions of the manoeuvring area will be marked by red and white unserviceability markers during the day, and red unserviceability lights at night, in accordance with the CASR Part 139 Manual of Standards (MOS).

### **4.2. Lights**

All Lighting within and directly leading into the closed portion of Manoeuvring area will be obscured or extinguished.



The closed taxiway is marked with unserviceability cones placed across the taxiway at 3m spacing. This is supplemented by red lights at 3m spacing across the taxiway at night or in poor visibility. The taxiway centreline lights within the closed portion of the taxiway and taxiway lights leading into the closed portion are extinguished or covered during the works. Where possible MAG signs are maintained to assist pilots and works parties in situational awareness.

#### 4.3. Procedure for protection of electrical services and control cables

The contractor, before the commencement of any works, will confirm the location of all underground services. This check is usually done in conjunction with the issuing of a Permit to Commence Works (PERCOW) and prevents damage to any airport services.

An excavation permit must also be obtained prior to the commencement of any excavation works that penetrate the ground surface. Refer [Excavation permit](#).

## 5. Special Requirements

### 5.1. Airport security

Aviation Security Identification Cards (ASIC) must be obtained for all personnel associated with airside works. Melbourne Airport will issue an ASIC on application by the contractor. Applications must be made at least **6 weeks** in advance.

Once issued the ASIC must be worn and always displayed on the outside of their clothing, waist height or above, at the front or side of the person's body and with the front face of the card clearly visible by all staff whilst working on the airside of the airport.

Where contractors have applied, and the ASIC check is not complete:

- Visitor Passes may be used - restricted to 28 days within a 12-month period.
- Escort drivers and Works Safety Officers will act as the sponsor.

Delivery personnel with legitimate business on the airside may operate with a Visitor Pass under the supervision and escort of an ASIC holder.

### 5.2. Permits

#### 5.2.1. Permit to commence works.

This MOWP is **not** an approval to commence works.

Before any works may commence the contractor must obtain a PERCOW from the Melbourne Airport Buildings Approvals Officer (Phone+61 (03) 9297 1310).

Please contact [building.approval@melair.com.au](mailto:building.approval@melair.com.au) should you require any further information.

#### 5.2.2. Hot works permit

The contractor must obtain a Hot Works Permit from the Works Safety Officer prior to undertaking any oxy cutting, welding, or grinding on the airside of the airport.

A Hot Works Permit will be issued only when all Melbourne Airport safety requirements are met. For example, including but not limited to:

- the site is clean and free of all combustible material within 10m of works.
- a spark resistant solid hoarding is placed around the site.
- 2 x nine litre fire extinguishers are on site.
- A fire blanket (size of 3m square minimum) is on site.
- A “spotter” is in attendance for the duration of hot works.
- There are no refuelling aircraft or aircraft fuel vents in the vicinity of at least 50m for the duration of the permit.

When satisfied that all these conditions are being met a permit will be issued.

The permit is valid for a period of a maximum of one day and if works are to resume the next day a new permit is required.

**Note:** The permit only covers the location specified in the application. If the works move to another location a new permit is required.

Applications for Hot Works Permits within 5m of the building drip line will require approval from the Fire & Life Safety Leader at [FireImpairments@melair.com.au](mailto:FireImpairments@melair.com.au).

Permits will not be issued on days of a total fire ban.

### 5.2.3. Excavation permit

The contractor, before the commencement of any works, will lodge a dial before you dig (DBYD) job through the DBYD website. Once the Melbourne Airport drawing is received, the excavation area is to be highlighted clearly with a description of works. The contractor will confirm the location of all underground services by an independent service locator.

An excavation permit must be obtained from Melbourne Airport – Airfield Lighting by emailing [airsidepermits@melair.com.au](mailto:airsidepermits@melair.com.au) at least 5 business days prior to any excavation works that penetrate the ground surface with the documents below included in the application:

- Copy of the PERCOW
- Independent Service locators Certificate
- DBYD service drawings of the works area with the works area clearly marked.

### 5.2.4. Crane permit

A permit must be obtained prior to the erection of any crane on the airport.

Applications for approval must be sent to [cranepermits@melair.com.au](mailto:cranepermits@melair.com.au) a minimum of **5 working days prior** to the crane lift including the following information:

- The proposed location of the lift activity (street address, MGA, or AMG co-ordinates)
- A site locality plan (i.e., Aerial Photo Extract)

- Crane maximum height (AHD or m above ground level)
- Date, time, and duration of activity
- Work description and
- Contact details of Site supervisor and applicant

An email confirming approval will be sent to the applicant prior to the crane lift.

For equipment that are likely to penetrate Melbourne Airport Airspace, **12 weeks** notification is required.

#### 5.2.5. Electrical isolation permit

Any works on or near electrical cables will require an electrical isolation permit. Requests are to be emailed through to [airsidepermits@melair.com.au](mailto:airsidepermits@melair.com.au) at least **24 hours prior** to the commencement of the activity with a list of the circuits required for isolation.

The contractor must supply a licensed electrician to carry out isolations (Lock out Tag out) with a Melbourne Airport Airfield Lighting Officer. Upon completion of the isolation procedures an isolation permit will be issued.

### 5.3. Critical obstacles

#### 5.3.1. General requirements

Melbourne Airport's Prescribed Airspace cannot be penetrated without the relevant approvals. Refer [Crane permit](#).

Unless specifically approved, plant/vehicle or equipment cannot exceed a maximum height of **5 metres** within the closed area.

**Note:** This limit is only applicable in locations where the Melbourne Airport's Prescribed Airspace will **not** be penetrated.

#### 5.3.2. Height and location of critical obstacles

For works within the Obstacle Restricted Area (ORA), works activities will comply with the Instrument of Approval number: CASA.ANAA.0101.2 issued from CASA on 19 February 2019. This instrument is maintained in the Melbourne Airport Manual.

These conditions will be communicated to the Works Safety Officer via the Airfield Operations Manager and to works parties via a contractor instruction.

### 5.4. Pavement and cleanliness

The contractor is to ensure that runways and taxiways used or crossed during the works are kept clean and free of debris.

A sweeper (no steel brushes), approved by the Airfield Operations and Works Coordinator, is always to be kept on call whilst works are in progress.

Areas within the works site must also be free of Foreign Object Debris (FOD).

No trench within the runway or taxiway strip may be left open, unattended, or unprotected at the completion of each day/night works without prior approval of the Airfield Operations and Works Coordinator.

Any approved open excavations within the works area must be covered with heavy duty steel plates and defined by either 900mm or 300mm red and white half-filled water barriers and/or red lights.

### **5.5. Waste disposal and environment protection**

Any putrescible waste generated at the site is to be placed in secure, covered rubbish bins and removed from the airport at the end of each working day.

The contractor must ensure that all other waste is contained within the site and not free to blow around the airport. Builder's waste must be removed well clear of the movement area to a site directed by the Works Safety Officer and the Melbourne Airport Environment Manager.

The contractor must comply with all environmental controls as specified in the Construction Environment Management Plan provided by the contractor and endorsed by the Melbourne Airport Environment Manager or delegate.

Please refer to the Melbourne Airport Environmental Management Plan which can be found on the Melbourne Airport [website](#).

### **5.6. Explosives**

No explosives or explosive power tools may be used on the airport without prior approval of the Airfield Operations and Works Coordinator.

### **5.7. Dust**

Dust must be kept to a minimum and excavated areas must be constantly watered in windy conditions.

### **5.8. Dumping of fill**

Fill must be transported from the site to landside and dumped in an area approved by the Melbourne Airport Environment Team and the Airfield Operations and Works Coordinator.

Fill must not be dumped or stored airside without the express approval of the Airfield Operations and Works Coordinator.

### **5.9. Site sheds and locations**

Site shed locations that have any impact on the airlines staging or storage area must be approved by the Airfield Operations and Works Coordinators.

### 5.10. Food consumption

Due to wildlife the consumption of any food whilst airside should be contained within a vehicle, or an approved sealed site shed (at no stage should food be consumed outside in open areas).

### 5.11. Smoking

All the airside is a designated NO SMOKING area.

Smoking is not permitted within the works site, the building area or in any vehicle whilst airside.

### 5.12. Wildlife hazards

The contractor is to monitor all work sites for increased wildlife activity. In the event of an increase in wildlife activity, the contractor is to notify Car2 and the Airfield Operations Manager immediately. All precautions are to be taken to minimise this risk.

To limit the risk of wildlife activity on the airfield, restrictions apply to eating airside. Eating is restricted to inside enclosed areas only. Any food scraps must be disposed of correctly in suitable bins to prevent attracting wildlife. Any bins used to dispose of food scraps must be emptied daily. Food vans are not permitted on the airfield.

Wildlife hazards must be reported immediately to the WSO assigned to the site or if unavailable, to the Senior Airside Safety Officer (Car 2) on (+614) 18 335 985. Wildlife hazard management is be handled in accordance with the Melbourne Airport Airside Operational Safety Policy – Wildlife Hazard Management. This document is available on the [Melbourne Airport website](#).

### 5.13. Lime and cement stabilisation

Lime and cement spreading is not allowed to take place during the following conditions:

- in winds greater than 5 knots
- if the wind is blowing towards the terminal
- if the wind is blowing towards critical operational areas such as an active apron, TWY or RWY system.

The contractor will employ additional measures to minimise the escape of dust from the site. It is preferable that contractors undertake the spreading of lime and cement dust at early morning/dusk hours to minimize impacts on airfield operations. An approval must be obtained prior to any spreading from Car2 (Phone +61 418 335 985).

### 5.14. Inspection at the completion of works

On completion of the works (if applicable) the contractor is to return the area to a serviceable and compliant standard and to the satisfaction of the Car2.

Car2 must conduct a thorough inspection prior to reopening the area to ensure that the area is serviceable and compliant.

All facilities, markers and markings are to be carefully checked to ensure that they comply with the CASA standards. Special attention must be paid to markers and/or markings/lighting that may have been obliterated or obscured by the works party.

On completion of each stage of the works, the contractor is to:

- clean up the area to the satisfaction of the Airfield Operations and Works Coordinator and/or Car2
- rectify any pavement damage to the satisfaction of the Airfield Civil Maintenance Manager
- remove all building rubbish, excess materials, and construction plant from the site

A joint inspection involving the Airfield Lighting Maintenance Manager, Airfield Facilities and Technical Manager, Airfield Civil Maintenance Manager, Airfield Operations and Works Coordinator, and the Airfield Operations Manager may be conducted before the works area is deemed to be completed.

## 6. Administration

### 6.1. Contractors

The work is being carried out by Melbourne Airport staff and contractors employed by Melbourne Airport.

### 6.2. Project Manager

The Project Manager will be Peter Parsons

All questions relating to the technical aspect of this project should be directed to the Project Manager [peter.parsons@melair.com.au](mailto:peter.parsons@melair.com.au) 0457 775 520.

**Note:** The Project Manager may change throughout these stages of works, changes will be advised within the Local Works Plan.

### 6.3. Works Organiser

The Works Organiser will be Peter Gaukrodger 0499 789 977 [peter.gaukrodger@melair.com.au](mailto:peter.gaukrodger@melair.com.au)

All questions relating to the practical aspect of this project should be directed to the Works Organiser.

**Note:** The Works Organiser may change throughout these stages of works, changes will be advised within the Local Works Plan.

### 6.4. Airfield Operations and Works Coordinator

The Melbourne Airport Airfield Operations and Works Coordinator will be either Mrs Leanne Carroll (phone +61 (03) 9297 1839) or Mr Ron Butterworth (phone +61 (03) 9297-1165).

Any queries about the conditions contained in this MOWP or the effect of the works on aircraft operations should be directed to the Airfield Operations and Works Coordinator.

### **6.5. Works Safety Officer**

The Senior Airside Safety Officer (Car2) will be the nominated Senior Works Safety Officer to look after the works. Car2 will be contactable 24/7 on +61 418 335 985.

The Senior Works Safety Officer may be supported by one or a team of Works Safety Officers which may delegate some or all the specified responsibilities.

The Senior Works Safety Officer will be responsible for the operational safety of the works including the opening and closing of the works areas.

The Works Safety Officer performs the responsibilities as specified in the CASR Part 139 MOS and as required for these works.

### **6.6. MOWP Author**

This MOWP has been written by:

Leanne Carroll

Airfield Operations and Works Coordinator

Melbourne Airport

## 7. Authority

### 7.1. Conduct of Works

All works must be carried out in accordance with the MOWP.

### 7.2. Expiry

This MOWP will expire on 31/12/2024 unless otherwise amended or extended.

### 7.3. Variation

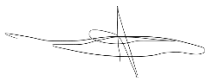
The approval of the Airfield Operations and Works Coordinator must be obtained before any variation is made to this MOWP or associated NOTAM. Verbal approvals are to be confirmed in writing at the earliest opportunity.

### 7.4. Approval

This MOWP has been checked and concurred with by Airservices Australia, Major Airline operators and internally within Melbourne Airport.

The MOWP is issued by Melbourne Airport in accordance with the CASR Part 139 MOS – Aerodrome Chapter 16 Method of Working Plans issued by the Civil Aviation Safety Authority.

The Head of Airfield has authorised this MOWP as delegated in writing by the Accountable Manager for Melbourne Airport, as identified in the Melbourne Airport Manual.



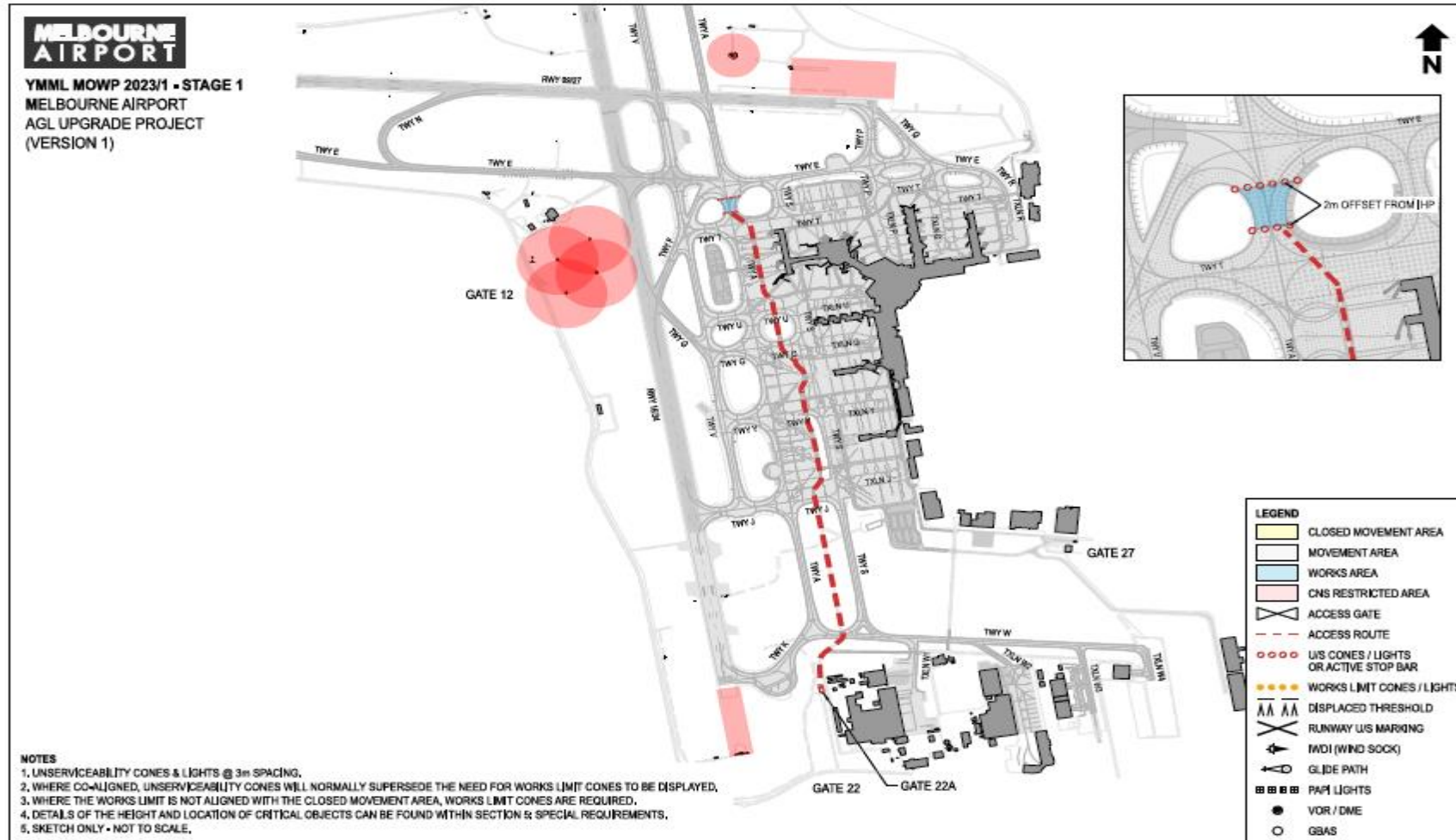
**Mark Wilson**  
**Head of Airfield**



## 8. Drawings

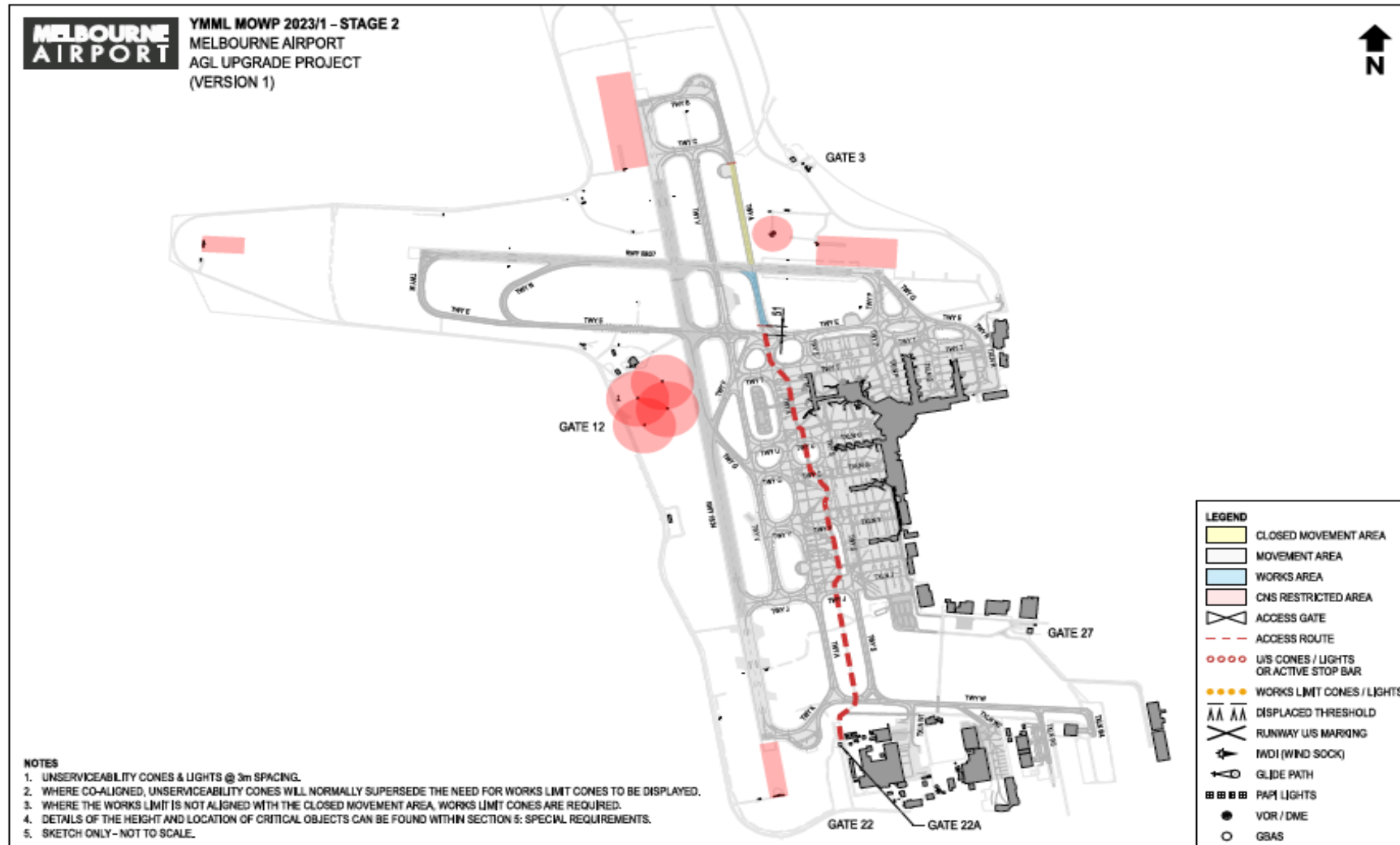
### 8.1. Stage 1

DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



8.2. Stage 2

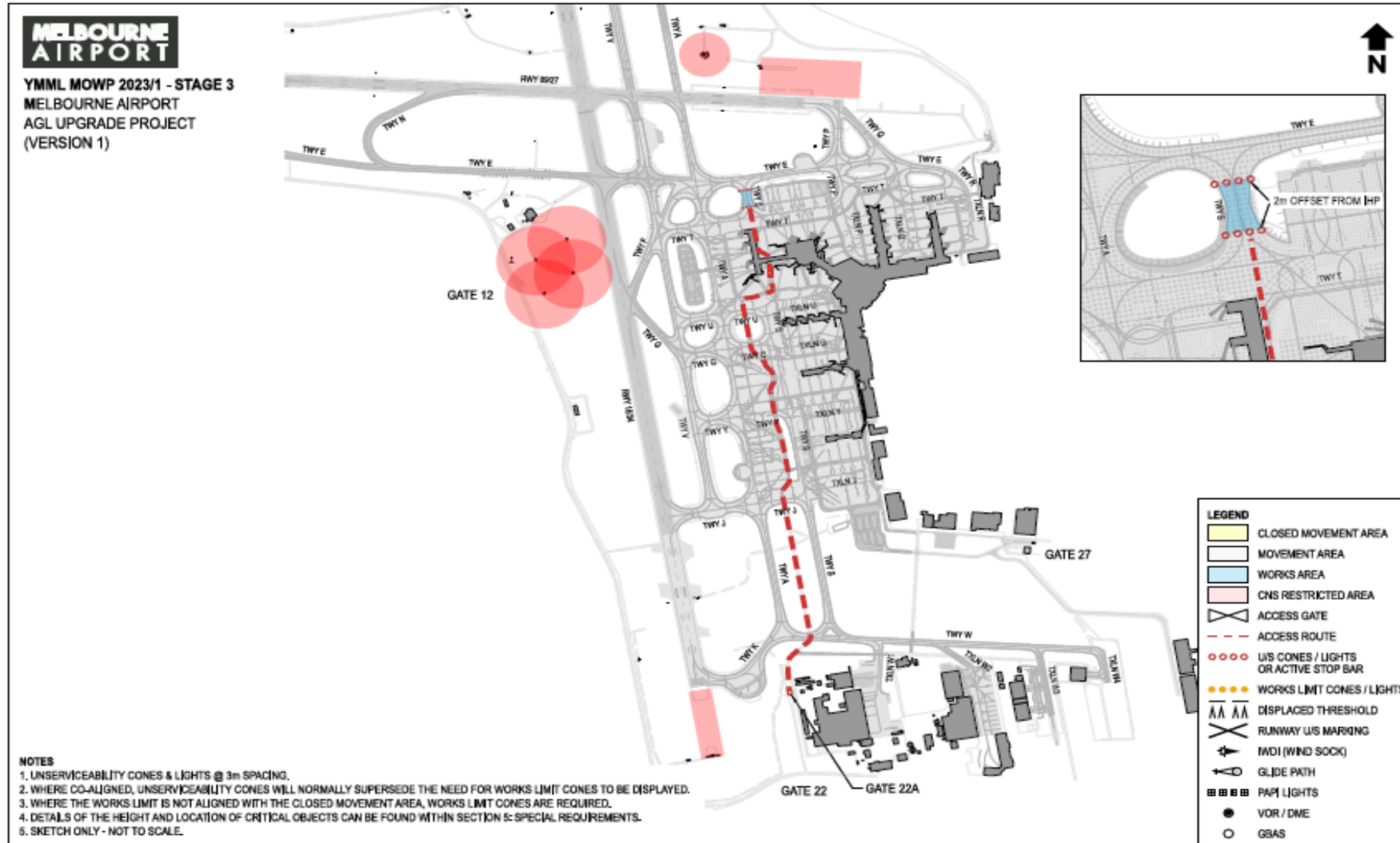
**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



-MOWP2022-APAM-CA-DR-00-5001\_STAGE 2.dgn DATE: 6/02/2023

8.3. Stage 3

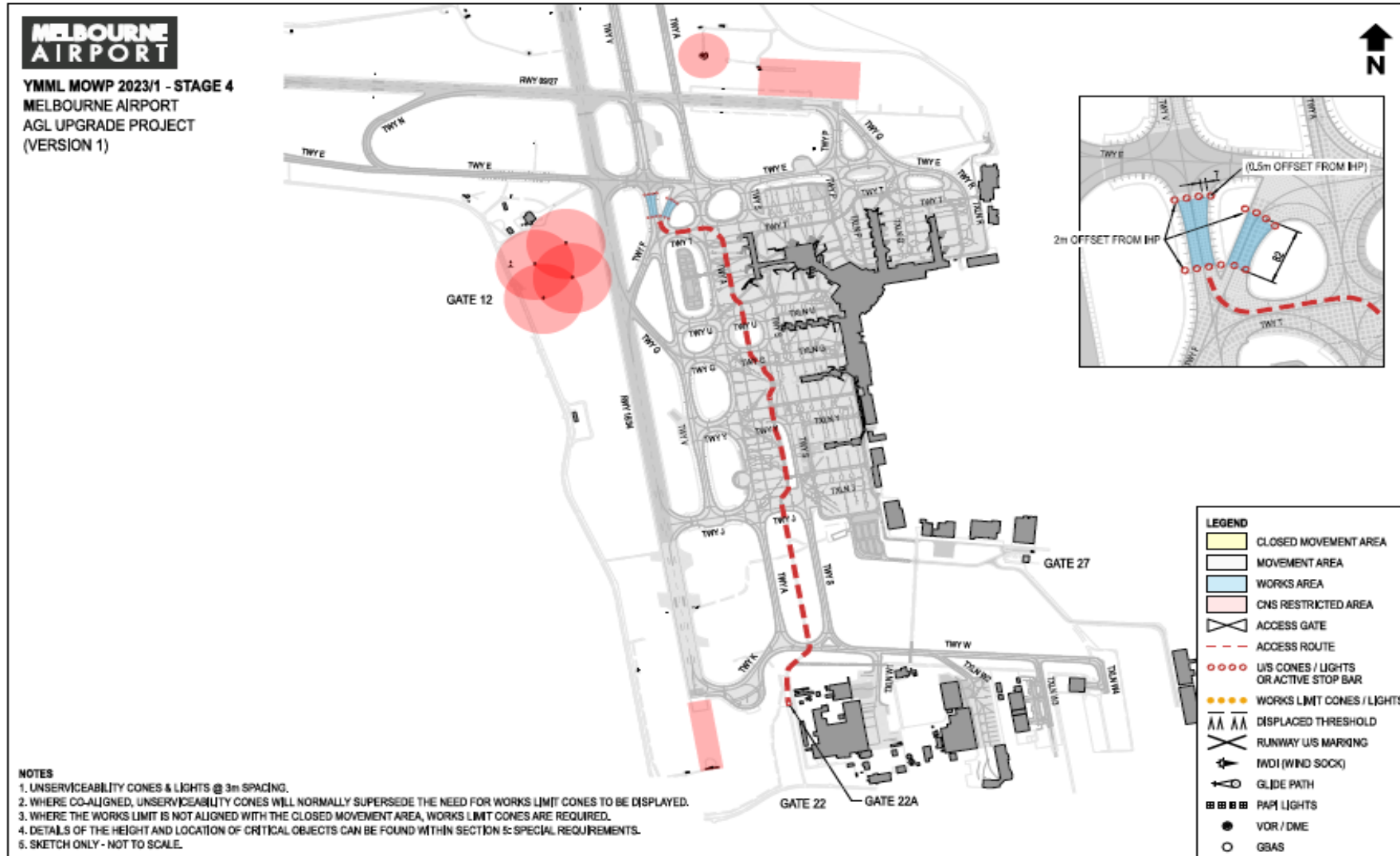
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_MOWP2022-APAM-CA-DR-00-5001\_STAGE 3.dgn DATE: 6/02/2023

8.4. Stage 4

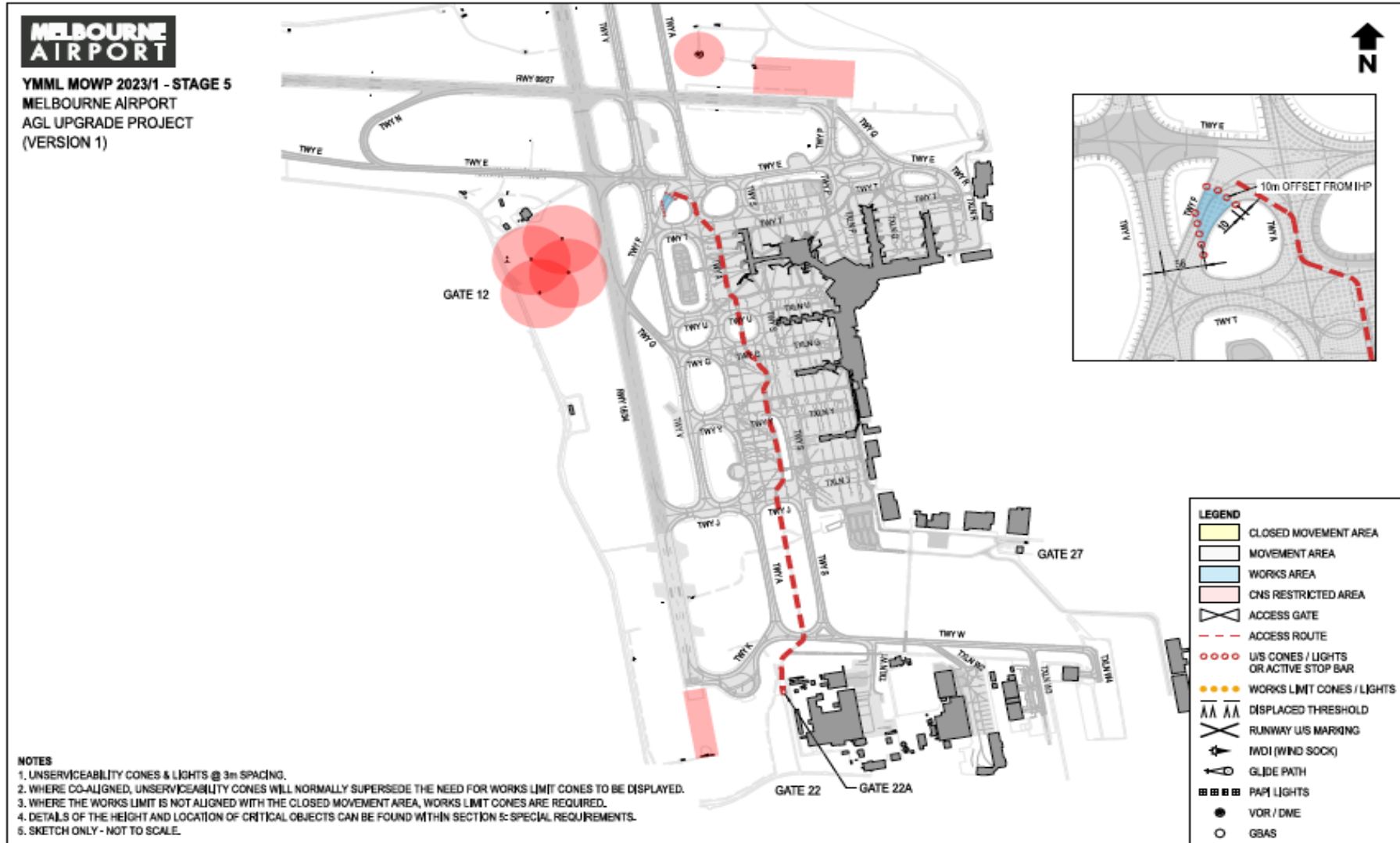
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



...MOWP2022-APAM-CA-DR-00-5001\_STAGE 4.dgn DATE: 6/02/2023

8.5. Stage 5

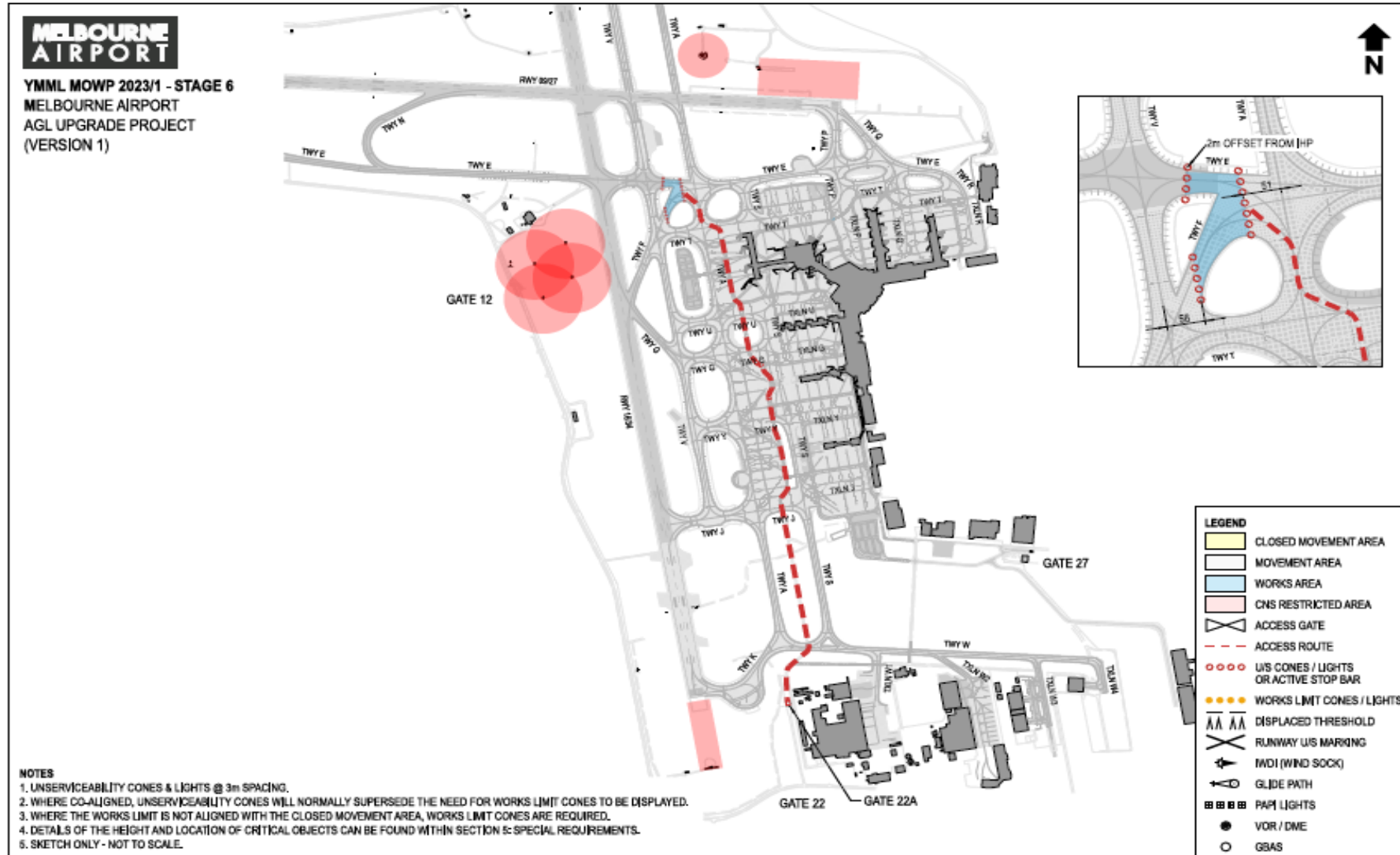
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_YMOWP2022-APAM-CA-DR-00-5001\_STAGE 5.dgn DATE: 7/02/2023

8.6. Stage 6

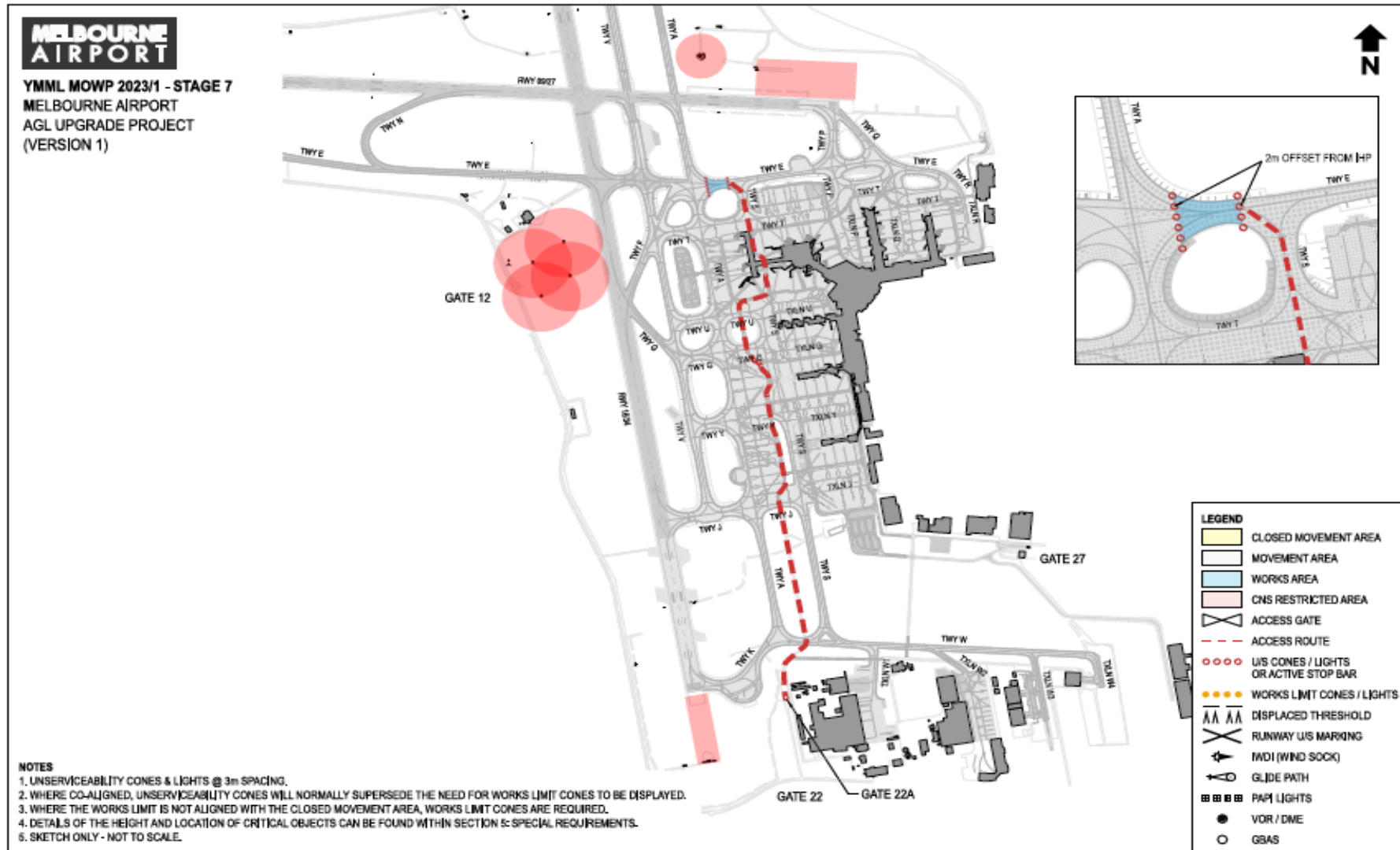
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_MOWP2022-APAM-CA-DR-00-5001 STAGE 6.dwg DATE: 6/02/2023

### 8.7. Stage 7

DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_-MOWP2022-APAM-CA-DR-00-5001\_STAGE 7.dgn DATE: 6/02/2023

### 8.8. Stage 8

DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.

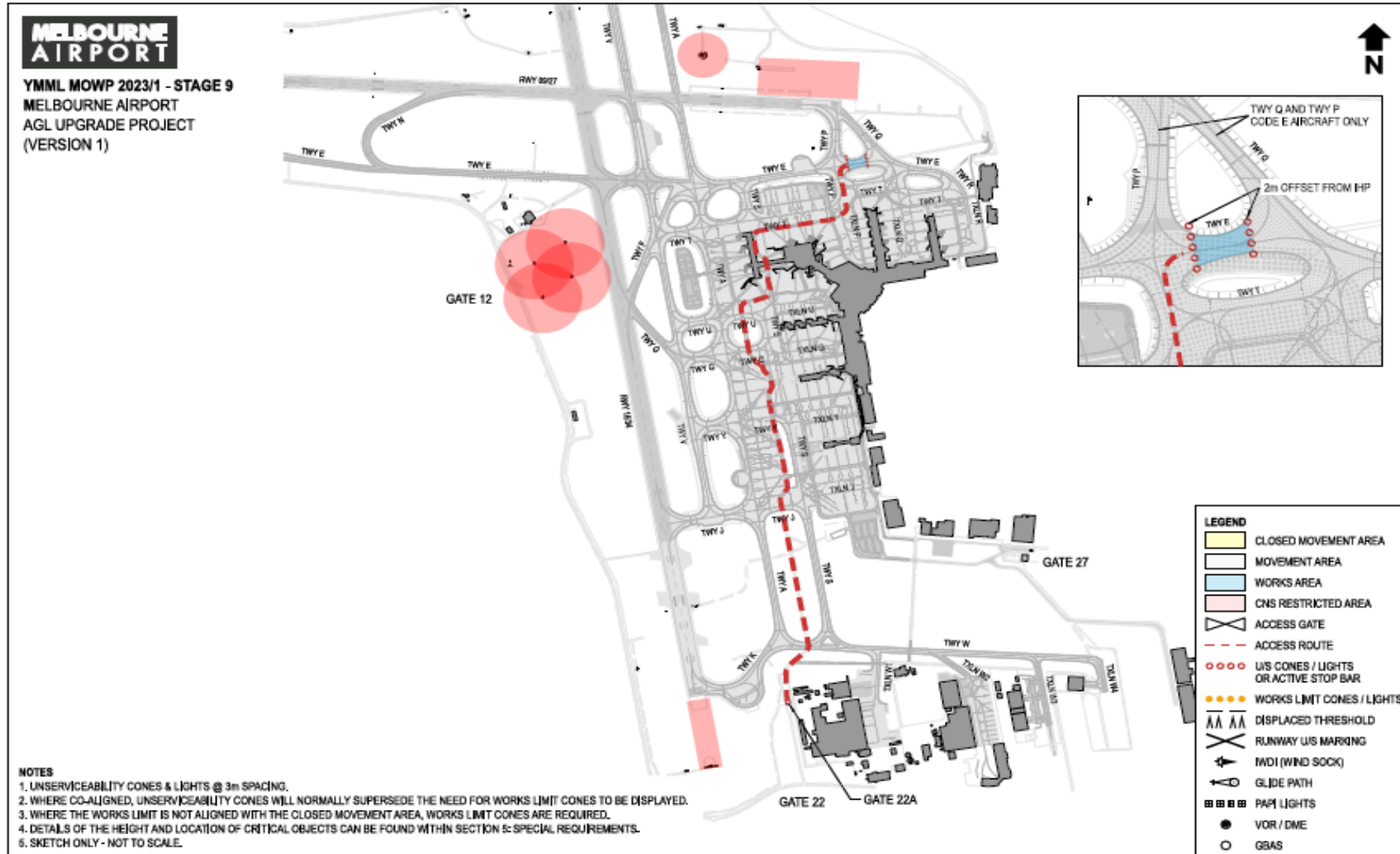


—MOWP2022-APAM-CA-DR-00-5001 STAGE 8.dwg DATE: 6/02/2023



**8.9. Stage 9**

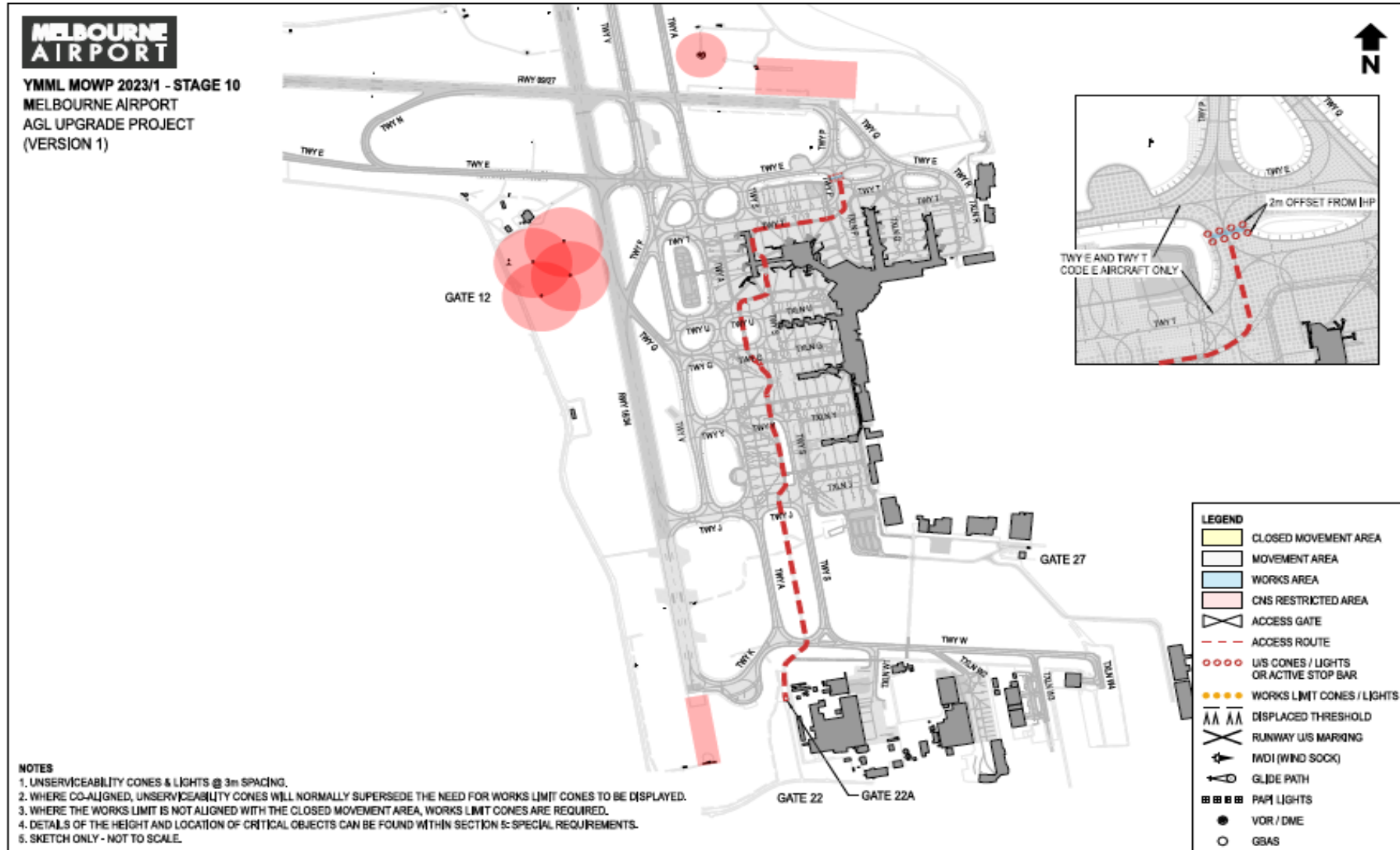
**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



-MOWP2022-APAM-CA-DR-00-5001\_STAGE 9.dgn DATE: 6/02/2023

**8.10. Stage 10**

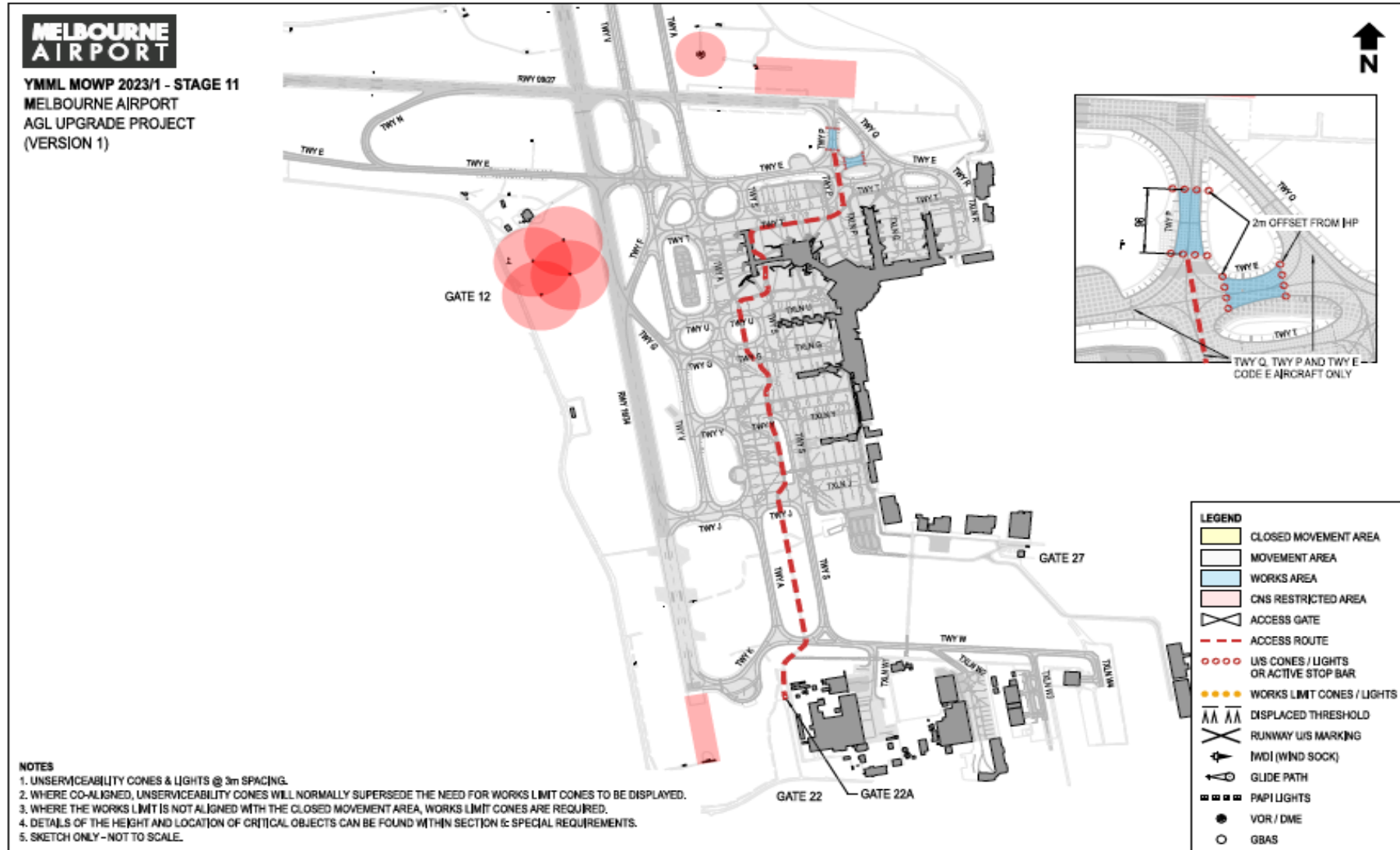
**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



—MOWP2022-APAM-CA-DR-00-5001\_STAGE 10.dgn DATE: 6/02/2023

### 8.11. Stage 11

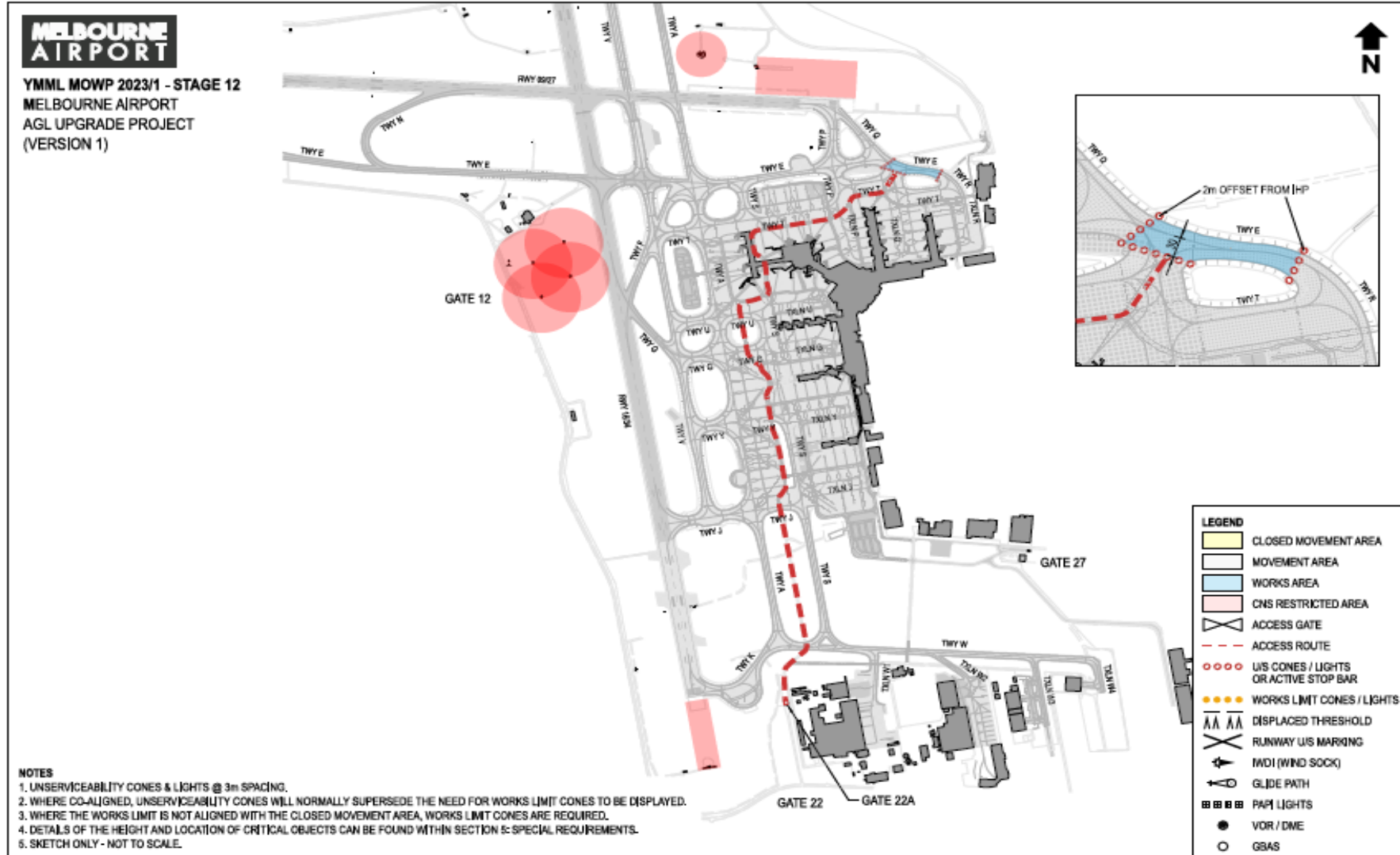
**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



..MOWP2022-APAM-CA-DR-00-5001\_STAGE 11.dgn DATE: 6/02/2023

8.12. Stage 12

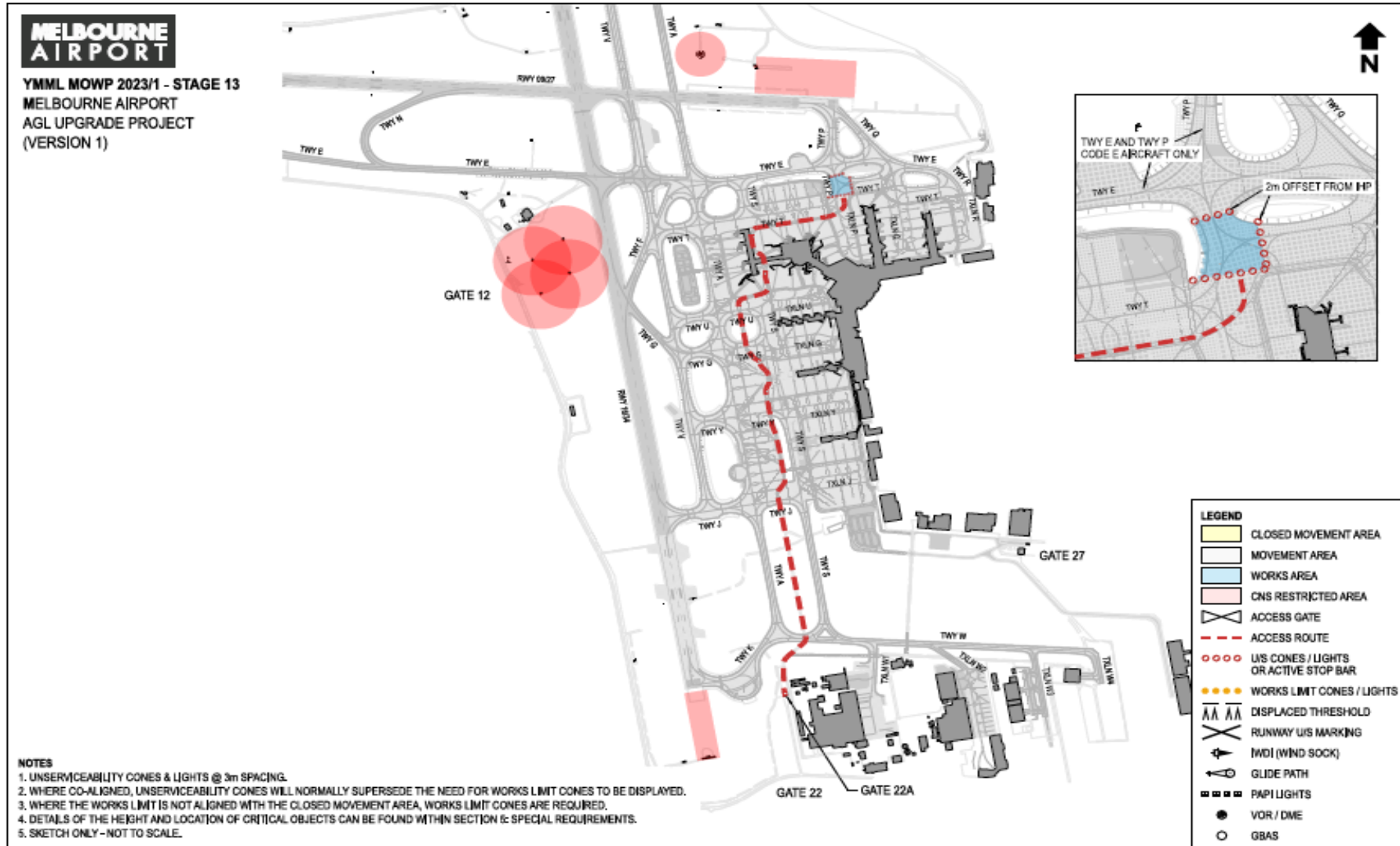
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



-MOWP2022-APAM-CA-DR-00-5001\_STAGE 12.dgn DATE: 6/02/2023

### 8.13. Stage 13

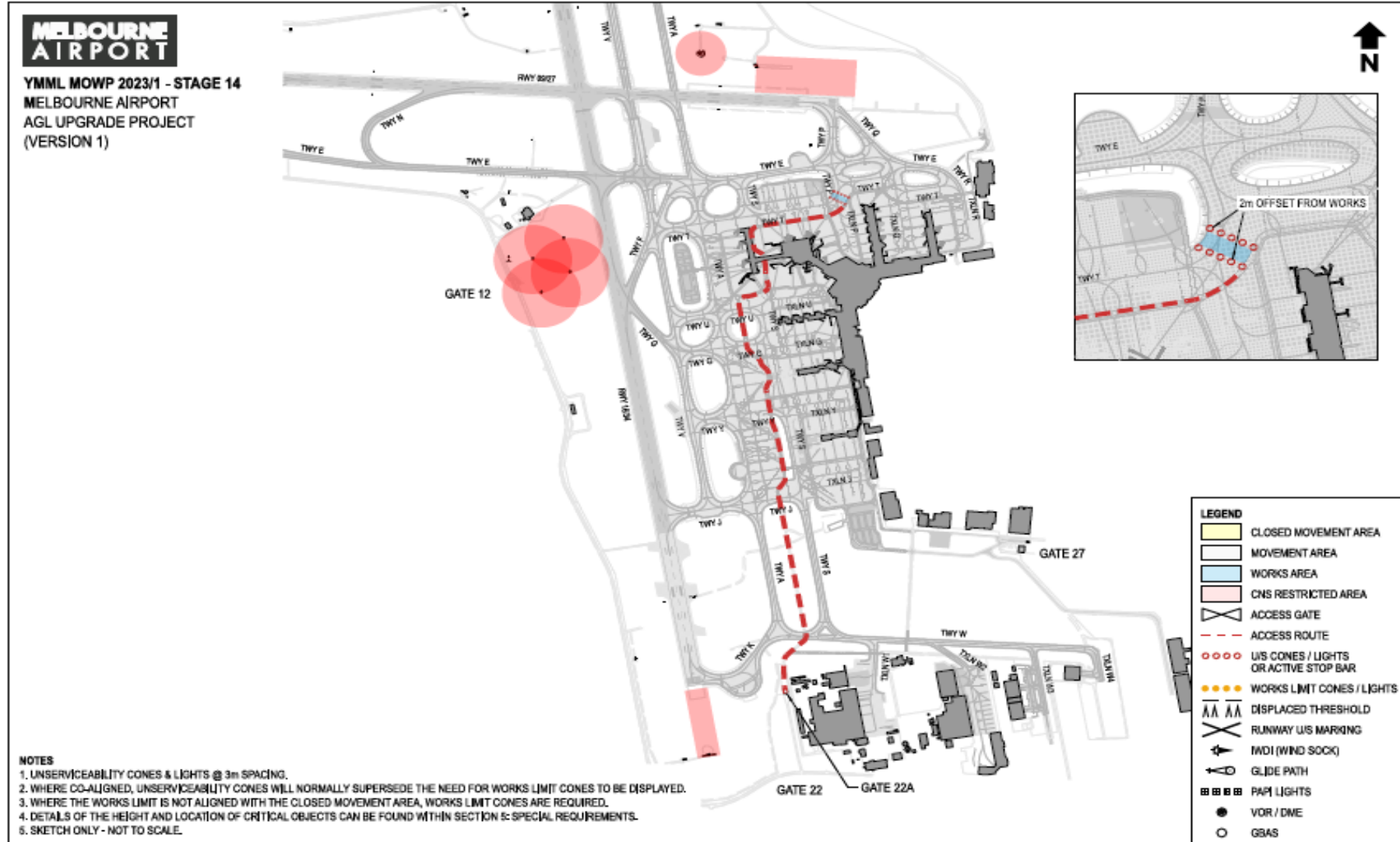
**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



..MOWP2022-APAM-CA-DR-00-5001\_STAGE 13.dgn DATE: 6/02/2023

### 8.14. Stage 14

DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_MOWP2022-APAM-CA-DR-00-5001\_STAGE 14.dgn DATE: 6/02/2023

8.15. Stage 15

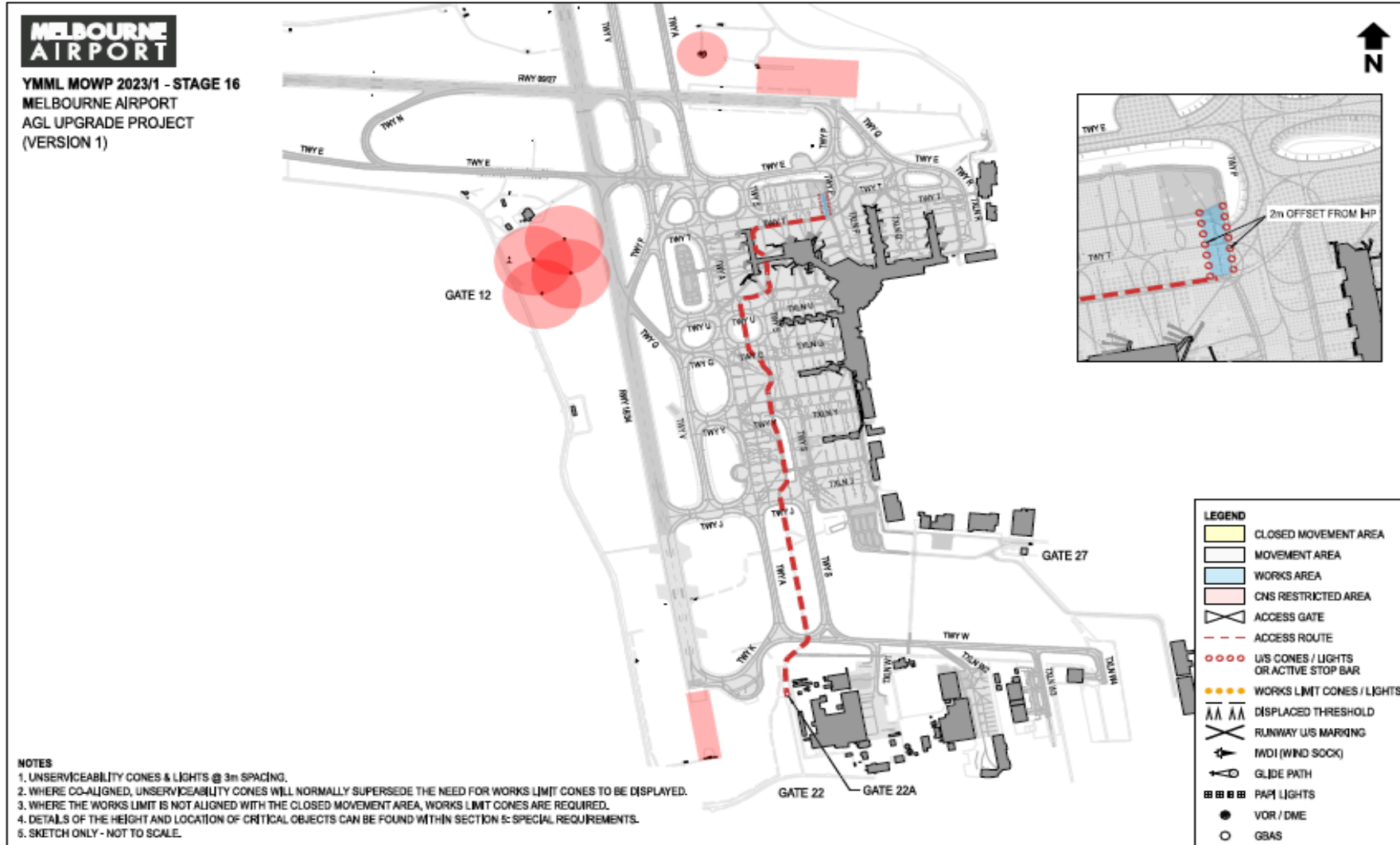
DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



..MOWP2022-APAM-CA-DR-00-5001\_STAGE 15.dgn DATE: 6/02/2023

8.16. Stage 16

DISCLAIMER: THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_JMOWP2022-APAM-CA-DR-00-5001\_STAGE 16.dgn DATE: 6/02/2023



### 8.17. Stage 17

**DISCLAIMER:** THIS INFORMATION IS SUPPLIED BY AUSTRALIA PACIFIC AIRPORTS (MELBOURNE) PTY LTD - APAM AND IS REPRODUCED HERE FOR INFORMATION ONLY. THE INFORMATION SHOWN MUST BE VERIFIED FOR ACCURACY AND COMPLETENESS BY NECESSARY INVESTIGATION, SITE INSPECTION AND MEASUREMENT. MELBOURNE AIRPORT OWNS THE COPYRIGHT TO THIS DRAWING AND THE INFORMATION CONTAINED IN IT. REPRODUCTION OF, OR ANY DEALING IN, THIS DRAWING, OR THE INFORMATION IT CONTAINS, IS PROHIBITED.



\_MOWP2022-APAM-CA-DR-00-5001\_STAGE 17.dgn DATE: 6/02/2023

## 9. Distribution List

This MOWP will be distributed to the organisations and agencies listed below.

Air Canada	Essendon Fields	Polar Air Cargo/Atlas Air
Air China	Etihad Navigation	Qantas Airways Limited
Air India	Etihad Airways	Qatar Airways
Air New Zealand	Express Freighters Australia	Regional Express
Air Asia X	Fiji Airways	Royal Brunei Airlines
Airservices Australia	Garuda Indonesia	Scot
Airwork Flight Operations	Hainan Airlines	Sharp Airlines
Air Vanuatu	Heston MRO	Sichuan Airlines
Atlas Air	ISS Security	Singapore Airlines
Bamboo Airways	Japan Airlines	Skytraders
Batik Air	Jepperson Australia Pty Ltd	SriLankan Airlines Ltd
Bonza Airlines	Jet City Pty Ltd	Tasman Cargo
Bureau of Meteorology	Jetstar	Thai Airways International
Cathay Pacific	Lufthansa Systems Flight Nav Inc	Tianjin Airlines
Civil Aviation Authority	Malaysia Airlines	TOLL Air Services
Cebu Pacific	Malindo Air	United Airlines
China Airlines	Melbourne Airport	Victorian Police Air Wing
China Eastern Airlines	Melbourne Airport Precinct (MAP)	Vietnam Airlines
China Southern Airlines	Menzies Aviation Group	Virgin Australia
Cootes Transport Group	Oceania Aviation	Viva Energy
Department of Defence	Pel-Air Aviation	Xiamen Airlines
Dnata	Pionair Australia	
Emirates	Philippine Airlines	

The distribution list for this MOWP is maintained by the Airfield Operations and Works Coordinator.

## 10. Further Information

For further information about this **Method of Working Plan**, please contact:

---

Airfield Operations & Works Coordinators  
+61 (03) 9297 1839  
[airfieldworkscordinator@melair.com.au](mailto:airfieldworkscordinator@melair.com.au)