

**OAN 109/2018 MAN-TP PP03
DUCT INSTALLATION TAXIWAY NOVEMBER**
This OAN replaces OAN 83 with immediate effect.

OAN REF:-	109/2018	DATE OF ISSUE:-	26/10/2018	EFFECTIVE DATE:-	26/10/2018
MANUAL REFERENCE(S):-	N/A			EXPIRY DATE:-	30/11/2018

PLEASE ENSURE THIS INFORMATION IS PROMULGATED TO ALL STAFF

1.0 SUMMARY

1.1 As part of the MAN-TP transformation, a thirteen-week programme of works will be carried out to install ducts for the new Taxiway Kilo Aeronautical Ground Lights (AGLs).

2.0 PROGRAMME

2.1 The overall programme of work will be from Monday 3rd September until Friday 30th November 2018.

2.1.1	Planned programme	Area	Operational implications
	3/9/18 – 30/11/18	Areas 1 & 3	Stand 903 closed.
	1/10/18 – 30/11/18	Area 2	Stand 85 closed & decommissioned.

2.2 Nightly working hours will be 22:00 – 06:00L; working Sunday to Thursday nights.

3.0 LOCATION & SCOPE OF WORKS

3.1 All work will be located on Taxiway November; from its junction with Taxiway November-Alpha. The work site is 20m from the Taxiway November centreline; outside of the Aircraft Stand Taxilane (ASTL) graded area for Code E(19m) aircraft. The excavation will be left open and in a sterile condition with red and white lit melba logs enclosing it.

3.2 The overall scope of works will involve the following tasks:

- Excavation of 3m wide trench within a 10m wide site and installation of AGL duct.
- Installation of red/white melba blocks lit with red ob lights to delineate the WIP site.
- Decommissioning/removal of high mast lights, FEGP and paint markings from Stand 85.
- Installation of AGL pots, for the new Taxiway Kilo, on Stands 85 and 245.

4.0 OPERATIONAL IMPLICATIONS

4.1 Stand Closures and Restrictions

- 4.1.1 From 3rd September until 1st October 2018, during the times listed at paragraph 2.2, Stands 73, 74 and 85 (Stand 901 if applicable) will be occupied by night stopping aircraft.
- 4.1.2 From 1st October until 30th November 2018, during the times listed at paragraph 2.2, Stands 72, 73 and 74 (Stands 901 and 903 if applicable) will be occupied by night stopping aircraft.
- 4.1.3 From 1st October 2018 Stand 85 will be closed permanently in preparation for the opening of the new taxiway.

4.2 Taxiway Closures

- 4.2.1 Taxiway November will be closed abeam Stand 72 from 22:00-06:00 on the dates listed at paragraph 4.1.2

- 4.2.2 Taxiway November will be closed abeam Stand 73C from Monday 29th October 2018. The excavation across the taxiway will be left open and in a sterile condition with red and white lit melba logs enclosing it. (See OAN 101-2018).

- 4.2.3 Taxiway November Alpha will be closed Sunday to Thursday 22:00-06:00hrs local. (See OAN 85-2018)

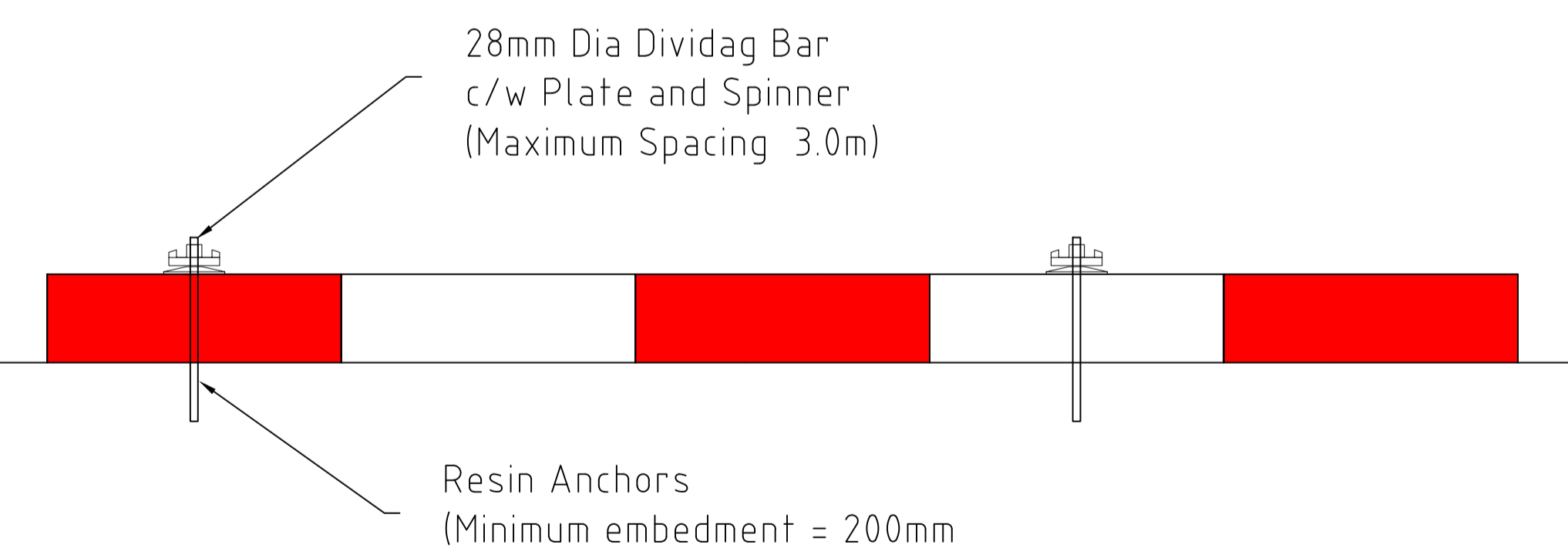
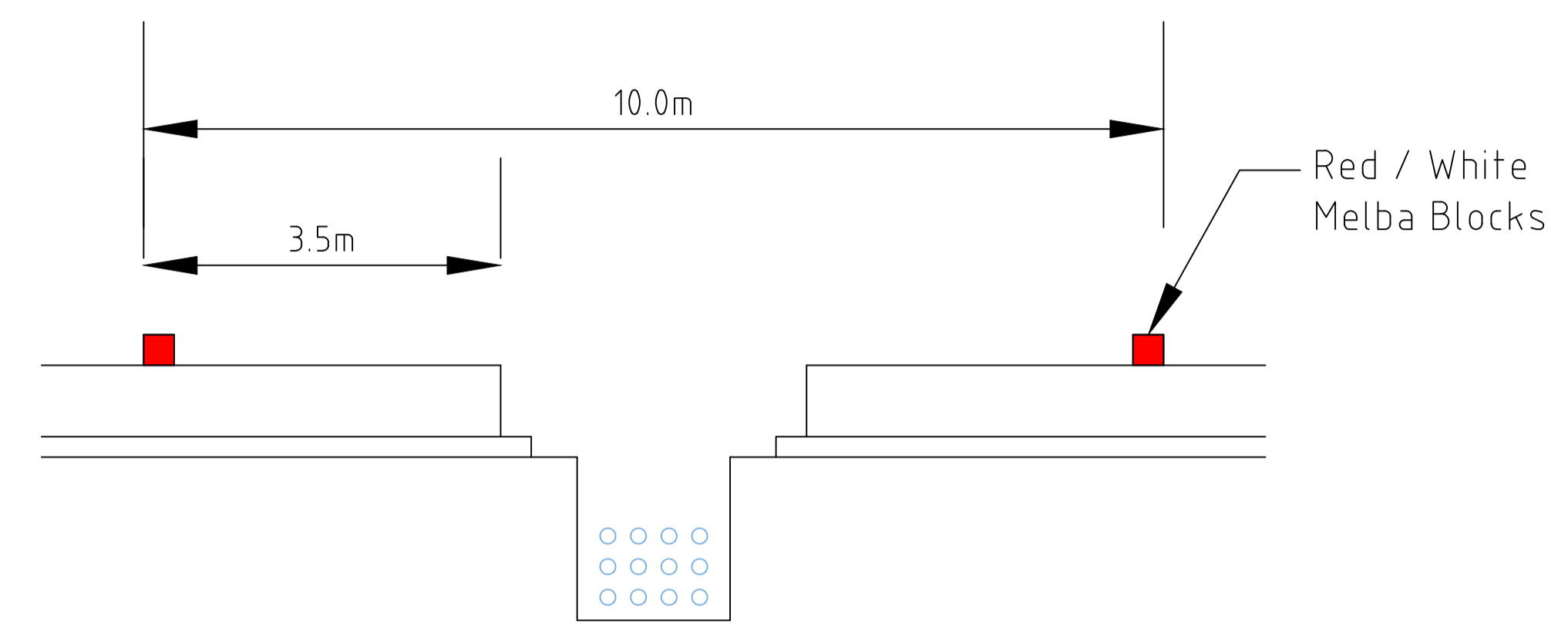
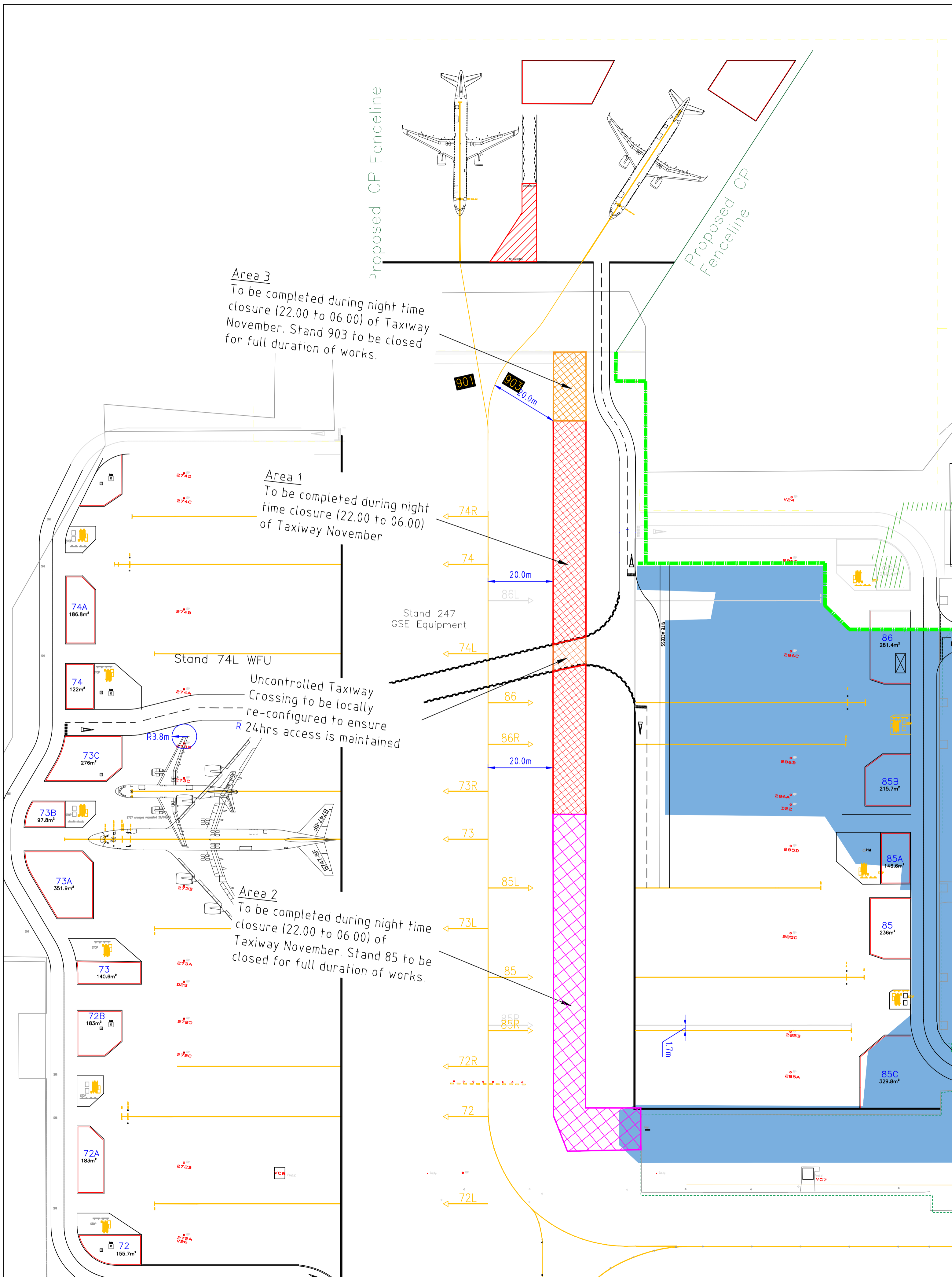
- 4.2.4 Taxiway November will be available by day (0600-2200hrs) for aircraft accessing Stands 72 and 73L. There will be an area of excavations within the Code E (B747 / A330) Taxilane strip (ASTL) of taxiway November (N) on the north side. The works will not be active during the day time when TWY N is open to aircraft operations. The low-level blocks referred to in paragraph 3.2. will be placed at 20 metres from the centreline of TWY N (outside the graded portion of the strip) and secured to the concrete. Wingtips of aircraft using TWY N will overhang the excavated area, which will be cleared of any upstanding objects or loose materials.

4.3 Pushback Procedures

- 4.3.1 During the times and days listed at paragraph 2.2, when the Taxiway November cul-de-sac is closed, non-standard pushback procedures will be instructed by ATC when required from Stands 70, 71, 72, 83 & 84. Aircraft needing to taxi out of November must not be stopped closer to the works than aircraft nose wheel abeam Stand 70 centreline before starting engines, to avoid any jet blast hazard to the work in progress.

4.4 Ground Servicing Equipment

- 4.4.1 The taxiway crossing from Stand 74 to 86 may be locally reconfigured to ensure access to Stands 85, 901 and 903 remains available.



Notes

- Do not scale from this drawing.
- All dimensions to be checked on site.

Layout

Legend

Area 1
Works to be completed (22.00 to 06.00) with a section of the adjacent November Taxiway being closed. At end of each working shift the excavation will be backfilled as far as possible and all equipment will be removed from the area. Joint inspection to be carried out GT / MAG prior to hand back.

The uncontrolled taxiway crossing will remain operation throughout the period of the proposed works and will be locally re-configured to allow ducting to be installed.

Area 2
Works to be completed (22.00 to 06.00) with a section of the adjacent November Taxiway being closed. In addition Stand 95 will require closure for the full duration of the works. At end of each working shift the excavation will be backfilled as far as possible and all equipment will be removed from the area. Joint inspection to be carried out GT / MAG prior to hand back.

Area 3
Works to be completed (22.00 to 06.00) with a section of the adjacent November Taxiway being closed. In addition Stand 95 will require closure for the full duration of the works. At end of each working shift the excavation will be backfilled as far as possible and all equipment will be removed from the area. Joint inspection to be carried out GT / MAG prior to hand back.

Revision	By	Auth'd	Date	Description
01	MW	-	03/06/18	Minor amendments to Area 2 layout & Area 3 text
00	MW	-	24/07/18	For Information

Issues & Revisions

FOR INFORMATION

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Project:
**MANCHESTER AIRPORT 9MAN-TP)
PP03 - WEST APRON EXTENSION**

Drawing:
**AGL Primary Duct Installation
N1/AGL/048 to N1/AGL/039
Site Boundary & Melba Block Details**

Drawn by: Mark Williams Date: 24/07/18
Checked by: - Date: -
Authorised by: - Date: -

Drawing No. MAG1004-SSK-MW-016 Revision 01
Drawing Scale: N.T.S Paper Size: A1