

OAN 124/2019 – RECONFIGURATION OF AIRCRAFT FUEL HYDRANTS ON STANDS 73 & 74.

OAN REF:-	124/2019	DATE OF ISSUE:-	14/11/19	EFFECTIVE DATE:-	18/11/19
MANUAL REFERENCE(S):-	N/A			EXPIRY DATE:-	03/04/20

PLEASE ENSURE THIS INFORMATION IS PROMULGATED TO ALL STAFF

1.0 SUMMARY

1.1 A programme of up to three-months work to reconfigure aircraft fuel hydrants on Stands 73 & 74 to align them to the new MAN-TP stands, numbered 925, 927 and 929.

2.0 PROGRAMME

- 2.1 The overall programme of work will commence on Monday 18th November 2019 with a scheduled completion date of Friday 3rd April 2020.
- 2.2 The work will nominally take place Monday to Friday with daily working hours of 07:30L – 17:30L.
- 2.3 MASHCo will commence on site on Monday 9th December 2019, when GallifordTry have completed the initial concrete excavation and removal.

3.0 SCOPE & LOCATION OF WORKS

- 3.1 The overall scope of work will include:
 - Site set up,
 - Saw cutting and removal of concrete,
 - Dig to existing pipe,
 - Survey work,
 - Install six spurs on to existing hydrant,
 - Radiography of welded joints,
 - Pressure testing, drying and 7-day soak testing,
 - Removal of fuel and decommissioning of line to VC8,
 - Install Lean mix Concrete and PQ Concrete,
 - Joint Cutting and Sealing after curing period,
 - Installation of Emergency Fuel Switches (EFS) at head of stand.



- 3.2 All work will be located within a demarked work area located across Stands 73 and 74.
- 3.3 Access to the Valve Chamber (VC8) and the fuel hydrant pots on Stand 72 will be required when the decommissioning takes place (likely to be February/March 2020). Work will take place at night and can be carried out with an aircraft on stand if necessary.

4.0 OPERATIONAL IMPLICATIONS

4.1 Stand Closures

- 4.1.1 Stands 73 and 74 are closed H24 for pit and duct installation and will remain so until all works are complete, and the stands reopen in the new configuration; scheduled to be spring 2020.

4.2 Ground Service Equipment (GSE) Parking

- 4.2.1 The GSE areas at the head of the stand will be unaffected by the MASHCo works. However, when GallifordTry move on to their next phase of work at the head of stand to remove existing infrastructure and to install the new high mast lights and fixed electrical power units in the realigned positions, the GSE will need to be temporarily relocated. All affected companies will be notified in advance of this happening.

- 4.2.2 During decommissioning, a fuel hydrant tanker will be parked airside, 3m from the Critical Part (CP) fence, in the GSE area on Stand 74 for approximately 3 days. The hose and hydrant pot to be used (either 274C or 274D) will be fenced locally to protect them from any GSE traffic.

4.3 Apron Road System

- 4.3.1 A portion of the apron road system, between Stand 74 and the GSE area will be diverted through a demarked route (through the existing GSE area) for the duration of the works.
- 4.3.2 The road from Stand 74 across to Stand 113/116, on the new Pier 1, will remain available.

4.4 Aircraft Fuel Hydrant System

- 4.4.1 Stand 72 will be without fuel for approximately 10 days, when the decommissioning takes place (likely to be February/March 2020).
- 4.4.2 Stands 73 and 74 will also be without fuel for this period, however, these stands are closed H24 at the moment and will remain so until they are returned to service in the new configuration, therefore they will have no operational impact.
- 4.4.3 As the programme of work progresses, there will be a requirement for an overnight Terminal 2 (T2) aircraft fuel hydrant shutdown whilst the drain down and decommissioning takes place.

4.4.4 Any fuel hydrant shutdowns will be subject of a separate OAN, which will be issued nearer the time (likely to be during January 2020).

5.0 LOW VISIBILITY PROCEDURES (LVP)



5.1 Overall, the work has no impact on the airport's ability to operate during periods of low visibility.

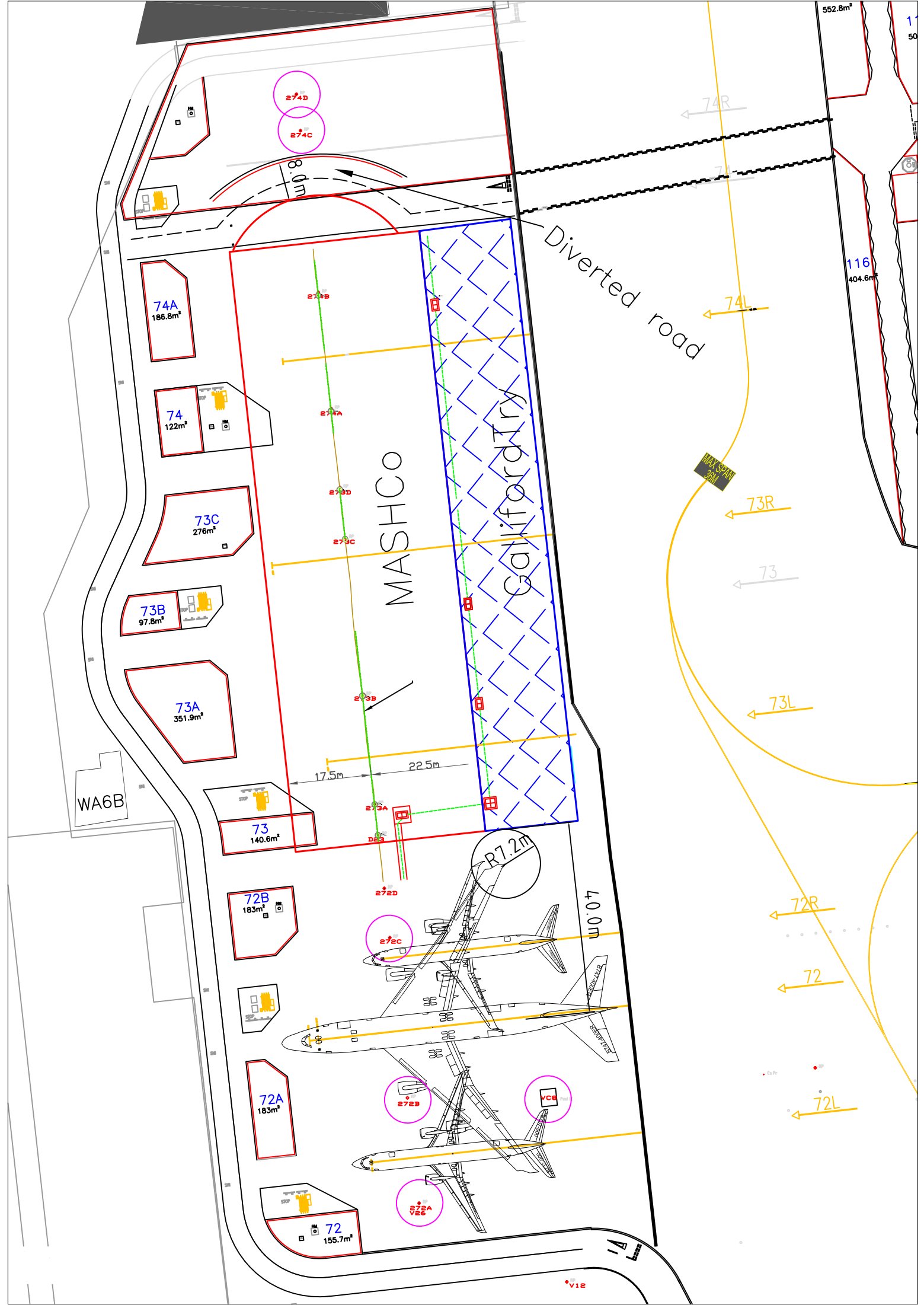
6.0 FURTHER INFORMATION

6.1 For further information, please contact the Airfield Duty Manager on +44 0161 489 3331.

7.0 ADDITIONAL DOCUMENTS

7.1 Drawing: Yes Annexe: No

ORIGINATOR:- (PRINT NAME)	E Yates	CONFIRMED & APPROVED BY:- (PRINT NAME)	C Wild
ROLE:-	Airfield Technical Planner	ROLE:-	Head of Airfield Operations
SIGNATURE:-		SIGNATURE:-	



74A
186.8m²

74
122m²

73C
276m²

73B
97.8m²

73A
351.9m²

73
140.6m²

72B
183m²

72A
183m²

72
155.7m²

MASHCO

California

Diverted road

WA6B

552.8m²

116
404.6m²

8.0m

17.5m 22.5m

R7.2m

10.07

74R

74L

73R

73

73L

72R

72

72L

MAX SPAN
30M

274D
274C

273B

273A

273D

273C

273B

273A

272D

272C

272B

272A

VCB

V2B

V12

17
50

8