

**OAN 072/2020 – REMOVAL OF REDUNDANT AIRCRAFT FUEL HYDRANT SYSTEM INFRASTRUCTURE – B1D SUBSTATION AREA.**

<b>OAN REF:-</b>	072/2020	<b>DATE OF ISSUE:-</b>	15/07/20	<b>EFFECTIVE DATE:-</b>	03/08/20
<b>MANUAL REFERENCE(S):-</b>	N/A			<b>EXPIRY DATE:-</b>	26/09/20

PLEASE ENSURE THIS INFORMATION IS PROMULGATED TO ALL STAFF

**1.0 SUMMARY**

A programme of up to eight weeks work to remove redundant aircraft fuel hydrant system infrastructure from the site of the new Taxiway Echo (former B1D substation area). Work will take place with a combination of day and night-time working. Within the overall programme there will be eight occasions when aircraft hydrant fuel will not be available to Terminals 1 and 3 between the hours of 20:00 and 05:00L.

**2.0 PROGRAMME**

- 2.1 The overall programme of work will commence on Monday 3<sup>rd</sup> August 2020.
- 2.2 The work is scheduled to be completed by Wednesday 26<sup>th</sup> September 2020.
- 2.3 The majority of work will take place during daylight hours, Monday to Friday.
- 2.4 Within the overall programme there will be eight occasions when night-time working will be required.

**3.0 SCOPE & LOCATION OF WORKS**

- 3.1 The majority of work will take place within a fenced work area located inside the existing MAN-TP PP04 work compound on Taxiway Echo.
  - 3.1.1 There will be occasions when night-time work is carried out at fuel hydrant valve chambers located on Stands 10 and 61.

*See attached drawing depicting the location of the fenced work area.*



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

- Work force mobilisation and erection of fenced work area.
- On-site radiography.
- 2 x excavations to remove redundant aircraft fuel hydrant system infrastructure and replace pipework.
- 8 x night-time fuel hydrant system shutdowns affecting Terminals 1 and 3 (20:00 – 05:00L).
- Reinstatement of excavated ground.
- Demobilisation and removal of fenced work area.

#### 4.0 OPERATIONAL IMPLICATIONS

##### 4.1 Aircraft Fuel Hydrant System

4.1.1 During the overall programme of work, a total of eight, night-time aircraft fuel hydrant system shutdowns will be required. The shutdowns will affect Terminals 1 and 3 only.

4.1.2 The aircraft fuel hydrant system shutdowns will be carried out between the hours of 20:00 and 05:00L on the following dates;

- 5<sup>th</sup> & 6<sup>th</sup> August.
- 17<sup>th</sup> -20<sup>th</sup> August.
- 24<sup>th</sup> & 25<sup>th</sup> August (with 26<sup>th</sup> August held as contingency).

4.1.3 All aircraft fuel hydrant system shutdowns will be promulgated via NOTAM.

*N.B: The actual dates of the hydrant system shutdowns may vary slightly in the event of any delays being encountered during excavation work.*

##### 4.2 Stand Restrictions

4.2.1 There will be two occasions within the overall programme of work when access will be required to fuel hydrant valve chambers located on Stands 10 and 61.

4.2.2 When access is required to Stand 10, the stand is to be temporarily closed and vacant.

4.2.3 When access is required to Stand 61, any night-stopping aircraft must be in position prior to work commencing.

4.2.4 Access will be required to Stands 10 and 61 on the nights of;

- 5<sup>th</sup> & 6<sup>th</sup> August.
- 24<sup>th</sup> & 25<sup>th</sup> August.

### 4.3 Ground Service Equipment Parking

4.3.1 On the occasions when night-time works access is required to Stand 10 it will be necessary to temporarily displace any ground service equipment/ vehicles parked in Equipment Bay 10A.

4.3.2 Any displaced equipment may be temporarily parked on the closed Stand 10.

4.3.3 Airfield Operations will notify the affected user in advance.

### 5.0 LOW VISIBILITY PROCEDURES (LVP)

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

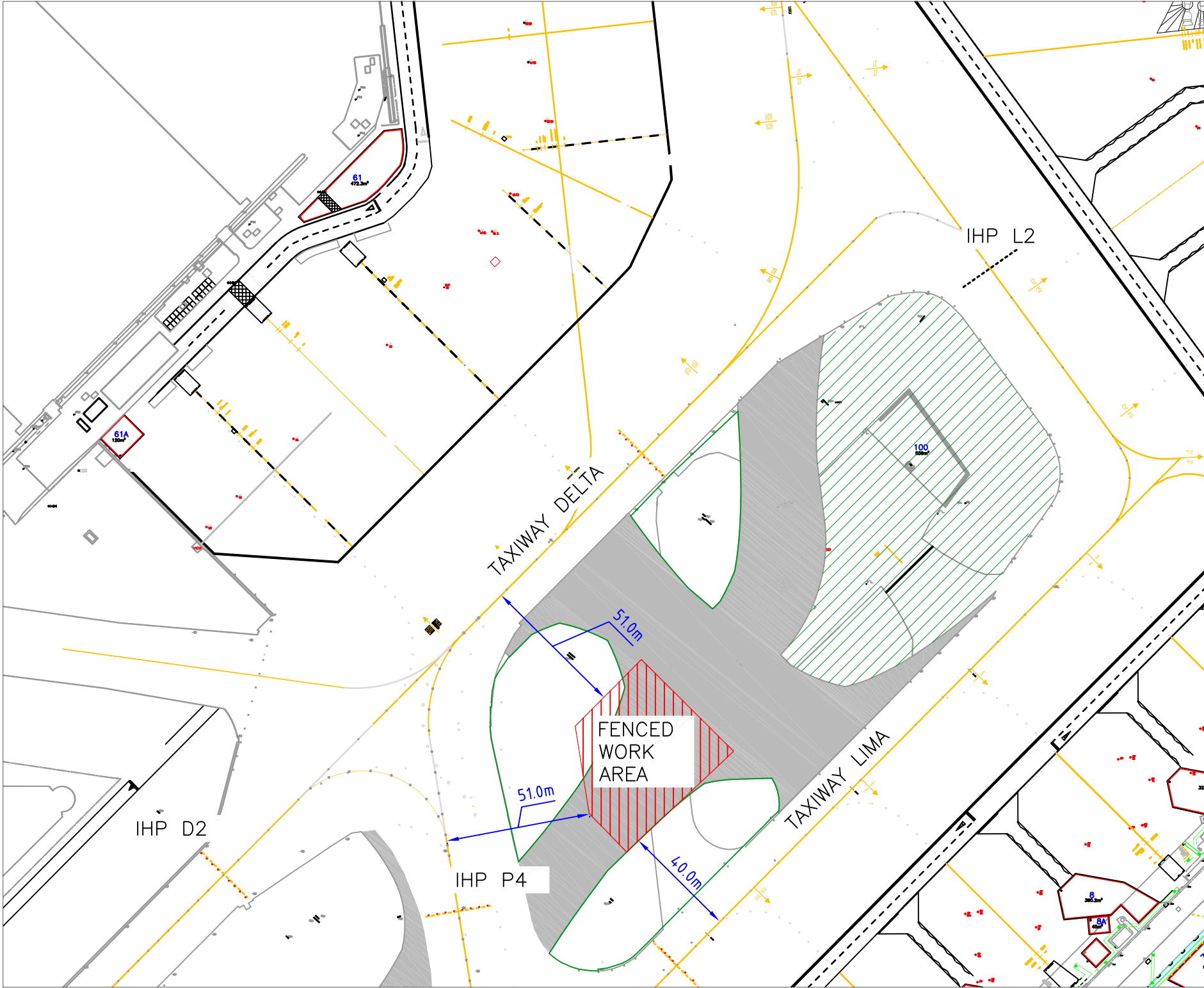
### 6.0 FURTHER INFORMATION

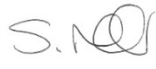
6.1 A NOTAM(s) promulgating the schedule of aircraft fuel hydrant system shutdowns will be promulgated prior to the start of work.

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

### 7.0 ADDITIONAL DOCUMENTS

Drawing: Yes



<b>ORIGINATOR:-</b> (PRINT NAME)	<b>S.McAleer</b>	<b>CONFIRMED &amp; APPROVED BY:-</b> (PRINT NAME)	<b>C.Wild</b>
<b>ROLE:-</b>	<b>Airfield Technical Planner</b>	<b>ROLE:-</b>	<b>Head of Airfield Operations</b>
<b>SIGNATURE:-</b>		<b>SIGNATURE:-</b>	