

Appendix D:

CFRAM Flood Risk Letter & Map

To whom it may concern ;

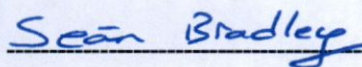
The proposed development for a 21.0m Monopole at 'Lucan Exchange' Co. Dublin or, '53.357220. - 6.429300' is situated just adjacent to the N4. The proposed site location is 900m away from the river embankment at its closest point within a 1.0km radius.

During the lowest probability flooding, which incurs at critical climate event of 20% increased rainfall followed by a 500mm rise in sea level, the river liffey embankment will be placed approximately 835m at its closest point to the proposed development, within a 1.0km radius.

The probability of the proposed site flooding due to the river liffey flooding, is close to impossible, as stated above a critical climate event will only locate our site approximately 65m closer to the river liffey

In the case that our site floods due increased rainfall, our site has been designed to flow rainfall off of the telecoms foundation in four separate directions, ensuring no stagnant water sits and damages our site. As well as two separate soakaways located within 20m to the proposed structure, our site is provided with more than adequate drainage

Regards
Sean Bradley BE(Hons) CEng MIEI



Existing river liffey outline shown as lowest probability of flooding. Data taken from :<https://www.floodinfo.ie/map/floodmaps/>



Proposed location for development

- Notes**
1. Do not scale. Measurements are indicative only.
 2. All dimensions are in millimetres unless noted otherwise.
 3. Assume all site details are existing unless otherwise specified.

Coordinates	
Site	Access
Latitude: 53.357341	Latitude: 53.35701
Longitude: -6.429657	Longitude: -6.4289
Easting:	Easting:
Northing:	Northing:

Existing Structure Details	
Type: Rooftop	Height: 10.225m
Proposed Structure Details	
Type: Monopole	Height: 21m

02	FI - Request	19.04.23
Rev	Description	Date
	Robert Clavin	LOC LOC
	Drawn by	D.Ckd. R. Ckd.

TOWERCOM
 Usher House, Main Street,
 Dundrum, Dublin 14.

Towercom Site ID: TDU5153
 Site Name:
 Lucan Exchange
 Co. Dublin

Title:	CFRAM Flooding -	
Scale:	As Shown	A3 Print
Dwg No:	TDU5153-FI-02	
		Sheet No: 02