



Policy Legacy FOI Team
Headquarters 38 (Irish) Brigade
British Forces Post Office 825



E-Mail: 38X-PolicyLegacy-FOI-Mailbox@mod.gov.uk

Reference: FOI: 2021/01249

Date: 18 February 2021

Dear [REDACTED]

REQUEST FOR INFORMATION – INFORMATION ON WATCHTOWERS G40, R23 AND R21 ON THE IRISH BORDER

Thank you for your e-mailed dated 2 February, I can confirm that your request has been considered under the provisions of the Freedom of Information Act 2000 (FOI(A)) and the process is now complete.

You asked the following:

"I'm a Archaeology Masters Student at the University of York undertaking a GIS project on three watchtowers on/near the Irish border. The three towers I'm interested in studying are Croslieve G40, Tievecrom R23, amd Jonesborough Hill R21. To aid in this study I would like to request information on the dimensions of these three watchtowers, particularly their highest points to allow for viewshed analysis. Any information on the construction and removal of the towers would also be appreciated".

The MOD has already answered a similar request in 2020, unfortunately, due to Covid-19 related restrictions we have been unable to publish our response on the Gov.UK. website. Part of our response to that request, an architectural drawing for the 8 Legged Tower used to elevate sangars in Northern Ireland, is included at Annex A. This is the only drawing that we were able to locate.

Under Section 16 of the Act (Duty to provide advice and assistance), I can advise that information relating to former Watchtowers is published via the Conflict, Archive on the Internet (CAIN) website. Information relating to Watchtowers is produced by the Independent Monitoring Commission (IMC) and can be viewed at the following link:

<https://cain.ulster.ac.uk/issues/politics/docs/imc/imc080306.pdf>

The reports can also be found via www.gov.uk. Each report was uploaded, and I have located the eleventh report and it can be viewed at the following link:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/272410/0101680023.pdf

If you have any queries regarding the content of this letter, please contact this office in the first instance.

If you wish to complain about the handling of your request, or the content of this response, you can request an independent internal review by contacting the Information Rights Compliance team, Ground Floor, MOD Main Building, Whitehall, SW1A 2HB (e-mail CIO-FOI-IR@mod.gov.uk).

Please note that any request for an internal review should be made within 40 working days of the date of this response.

If you remain dissatisfied following an internal review, you may raise your complaint directly to the Information Commissioner under the provisions of Section 50 of the Freedom of Information Act. Please note that the Information Commissioner will not normally investigate your case until the MOD internal review process has been completed. The Information Commissioner can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF. Further details of the role and powers of the Information Commissioner can be found on the Commissioner's website at <https://ico.org.uk/>.

Yours sincerely

38 (Irish) Brigade FOI Team

Enclosure:

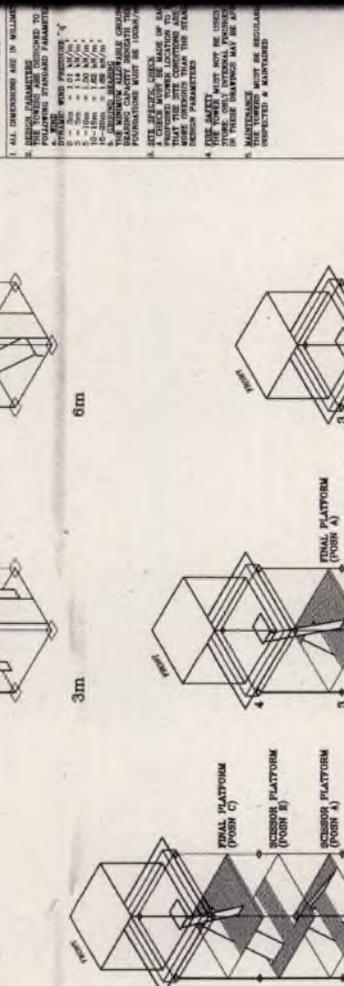
Annex A – 8 Legged Tower Drawing

NO.	TITLE
1	GENERAL ARRANGEMENT
2	SCHEMATIC INTERNAL LAYOUT
3	16m TOWER REAR ELEVATION
4	16m TOWER REAR ELEVATION
5	16m TOWER REAR ELEVATION
6	16m TOWER REAR ELEVATION
7	16m TOWER REAR ELEVATION
8	16m TOWER REAR ELEVATION
9	16m TOWER REAR ELEVATION
10	16m TOWER REAR ELEVATION
11	16m TOWER REAR ELEVATION
12	16m TOWER REAR ELEVATION
13	16m TOWER REAR ELEVATION
14	16m TOWER REAR ELEVATION
15	16m TOWER REAR ELEVATION
16	16m TOWER REAR ELEVATION
17	16m TOWER REAR ELEVATION
18	16m TOWER REAR ELEVATION
19	16m TOWER REAR ELEVATION
20	16m TOWER REAR ELEVATION
21	16m TOWER REAR ELEVATION
22	16m TOWER REAR ELEVATION
23	16m TOWER REAR ELEVATION
24	16m TOWER REAR ELEVATION
25	16m TOWER REAR ELEVATION
26	16m TOWER REAR ELEVATION
27	16m TOWER REAR ELEVATION
28	16m TOWER REAR ELEVATION
29	16m TOWER REAR ELEVATION
30	16m TOWER REAR ELEVATION
31	16m TOWER REAR ELEVATION
32	16m TOWER REAR ELEVATION
33	16m TOWER REAR ELEVATION
34	16m TOWER REAR ELEVATION
35	16m TOWER REAR ELEVATION
36	16m TOWER REAR ELEVATION
37	16m TOWER REAR ELEVATION
38	16m TOWER REAR ELEVATION
39	16m TOWER REAR ELEVATION
40	16m TOWER REAR ELEVATION
41	16m TOWER REAR ELEVATION
42	16m TOWER REAR ELEVATION
43	16m TOWER REAR ELEVATION
44	16m TOWER REAR ELEVATION
45	16m TOWER REAR ELEVATION
46	16m TOWER REAR ELEVATION
47	16m TOWER REAR ELEVATION
48	16m TOWER REAR ELEVATION
49	16m TOWER REAR ELEVATION
50	16m TOWER REAR ELEVATION

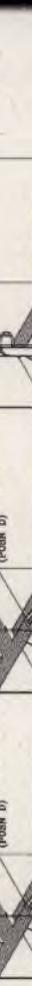
1. ALL DIMENSIONS ARE IN MILLIMETRES
2. THE TOWER SHALL BE DESIGNED TO WITHSTAND THE FOLLOWING STANDARD PARAMETER LOADS:
WIND: 100 km/h
SEISMIC: 0.1g
TEMPERATURE: 40°C
3. THE TOWER SHALL BE MADE OF ALUMINIUM
4. THE TOWER SHALL BE MADE OF ALUMINIUM
5. THE TOWER SHALL BE MADE OF ALUMINIUM
6. THE TOWER SHALL BE MADE OF ALUMINIUM
7. THE TOWER SHALL BE MADE OF ALUMINIUM
8. THE TOWER SHALL BE MADE OF ALUMINIUM
9. THE TOWER SHALL BE MADE OF ALUMINIUM
10. THE TOWER SHALL BE MADE OF ALUMINIUM
11. THE TOWER SHALL BE MADE OF ALUMINIUM
12. THE TOWER SHALL BE MADE OF ALUMINIUM
13. THE TOWER SHALL BE MADE OF ALUMINIUM
14. THE TOWER SHALL BE MADE OF ALUMINIUM
15. THE TOWER SHALL BE MADE OF ALUMINIUM
16. THE TOWER SHALL BE MADE OF ALUMINIUM
17. THE TOWER SHALL BE MADE OF ALUMINIUM
18. THE TOWER SHALL BE MADE OF ALUMINIUM
19. THE TOWER SHALL BE MADE OF ALUMINIUM
20. THE TOWER SHALL BE MADE OF ALUMINIUM
21. THE TOWER SHALL BE MADE OF ALUMINIUM
22. THE TOWER SHALL BE MADE OF ALUMINIUM
23. THE TOWER SHALL BE MADE OF ALUMINIUM
24. THE TOWER SHALL BE MADE OF ALUMINIUM
25. THE TOWER SHALL BE MADE OF ALUMINIUM
26. THE TOWER SHALL BE MADE OF ALUMINIUM
27. THE TOWER SHALL BE MADE OF ALUMINIUM
28. THE TOWER SHALL BE MADE OF ALUMINIUM
29. THE TOWER SHALL BE MADE OF ALUMINIUM
30. THE TOWER SHALL BE MADE OF ALUMINIUM
31. THE TOWER SHALL BE MADE OF ALUMINIUM
32. THE TOWER SHALL BE MADE OF ALUMINIUM
33. THE TOWER SHALL BE MADE OF ALUMINIUM
34. THE TOWER SHALL BE MADE OF ALUMINIUM
35. THE TOWER SHALL BE MADE OF ALUMINIUM
36. THE TOWER SHALL BE MADE OF ALUMINIUM
37. THE TOWER SHALL BE MADE OF ALUMINIUM
38. THE TOWER SHALL BE MADE OF ALUMINIUM
39. THE TOWER SHALL BE MADE OF ALUMINIUM
40. THE TOWER SHALL BE MADE OF ALUMINIUM
41. THE TOWER SHALL BE MADE OF ALUMINIUM
42. THE TOWER SHALL BE MADE OF ALUMINIUM
43. THE TOWER SHALL BE MADE OF ALUMINIUM
44. THE TOWER SHALL BE MADE OF ALUMINIUM
45. THE TOWER SHALL BE MADE OF ALUMINIUM
46. THE TOWER SHALL BE MADE OF ALUMINIUM
47. THE TOWER SHALL BE MADE OF ALUMINIUM
48. THE TOWER SHALL BE MADE OF ALUMINIUM
49. THE TOWER SHALL BE MADE OF ALUMINIUM
50. THE TOWER SHALL BE MADE OF ALUMINIUM

TOWER HEIGHT	NO. OF PLATFORMS TO BE PROVIDED	DIM "X"	DIM "Y"	DIM "Z"
16m TOWER	18	851	18	451
13m TOWER	13	605	15	205
9m TOWER	10	351	12	151
6m TOWER	7	101	8	701
3m TOWER	3	851	5	451

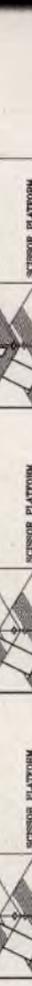
NOTES
1. ALL DIMENSIONS ARE IN MILLIMETRES
2. THE TOWER SHALL BE DESIGNED TO WITHSTAND THE FOLLOWING STANDARD PARAMETER LOADS:
WIND: 100 km/h
SEISMIC: 0.1g
TEMPERATURE: 40°C
3. THE TOWER SHALL BE MADE OF ALUMINIUM
4. THE TOWER SHALL BE MADE OF ALUMINIUM
5. THE TOWER SHALL BE MADE OF ALUMINIUM
6. THE TOWER SHALL BE MADE OF ALUMINIUM
7. THE TOWER SHALL BE MADE OF ALUMINIUM
8. THE TOWER SHALL BE MADE OF ALUMINIUM
9. THE TOWER SHALL BE MADE OF ALUMINIUM
10. THE TOWER SHALL BE MADE OF ALUMINIUM
11. THE TOWER SHALL BE MADE OF ALUMINIUM
12. THE TOWER SHALL BE MADE OF ALUMINIUM
13. THE TOWER SHALL BE MADE OF ALUMINIUM
14. THE TOWER SHALL BE MADE OF ALUMINIUM
15. THE TOWER SHALL BE MADE OF ALUMINIUM
16. THE TOWER SHALL BE MADE OF ALUMINIUM
17. THE TOWER SHALL BE MADE OF ALUMINIUM
18. THE TOWER SHALL BE MADE OF ALUMINIUM
19. THE TOWER SHALL BE MADE OF ALUMINIUM
20. THE TOWER SHALL BE MADE OF ALUMINIUM
21. THE TOWER SHALL BE MADE OF ALUMINIUM
22. THE TOWER SHALL BE MADE OF ALUMINIUM
23. THE TOWER SHALL BE MADE OF ALUMINIUM
24. THE TOWER SHALL BE MADE OF ALUMINIUM
25. THE TOWER SHALL BE MADE OF ALUMINIUM
26. THE TOWER SHALL BE MADE OF ALUMINIUM
27. THE TOWER SHALL BE MADE OF ALUMINIUM
28. THE TOWER SHALL BE MADE OF ALUMINIUM
29. THE TOWER SHALL BE MADE OF ALUMINIUM
30. THE TOWER SHALL BE MADE OF ALUMINIUM
31. THE TOWER SHALL BE MADE OF ALUMINIUM
32. THE TOWER SHALL BE MADE OF ALUMINIUM
33. THE TOWER SHALL BE MADE OF ALUMINIUM
34. THE TOWER SHALL BE MADE OF ALUMINIUM
35. THE TOWER SHALL BE MADE OF ALUMINIUM
36. THE TOWER SHALL BE MADE OF ALUMINIUM
37. THE TOWER SHALL BE MADE OF ALUMINIUM
38. THE TOWER SHALL BE MADE OF ALUMINIUM
39. THE TOWER SHALL BE MADE OF ALUMINIUM
40. THE TOWER SHALL BE MADE OF ALUMINIUM
41. THE TOWER SHALL BE MADE OF ALUMINIUM
42. THE TOWER SHALL BE MADE OF ALUMINIUM
43. THE TOWER SHALL BE MADE OF ALUMINIUM
44. THE TOWER SHALL BE MADE OF ALUMINIUM
45. THE TOWER SHALL BE MADE OF ALUMINIUM
46. THE TOWER SHALL BE MADE OF ALUMINIUM
47. THE TOWER SHALL BE MADE OF ALUMINIUM
48. THE TOWER SHALL BE MADE OF ALUMINIUM
49. THE TOWER SHALL BE MADE OF ALUMINIUM
50. THE TOWER SHALL BE MADE OF ALUMINIUM



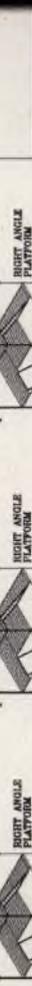
16m TOWER REAR ELEVATION
WITH FRONT OF SOCKET SCREENS REMOVED
SCALE 1:50



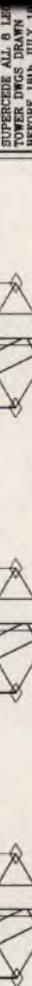
16m TOWER REAR ELEVATION
WITH FRONT OF SOCKET SCREENS, GIRDERS & SUPPORT REMOVED
SCALE 1:50



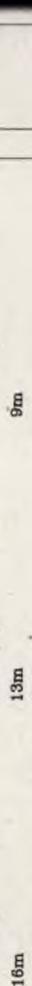
16m TOWER REAR ELEVATION
SCALE 1:50



16m TOWER REAR ELEVATION
SCALE 1:50



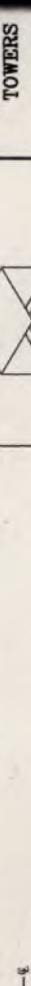
16m TOWER REAR ELEVATION
SCALE 1:50



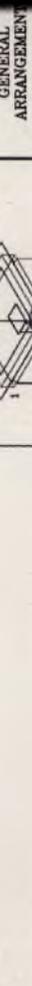
16m TOWER REAR ELEVATION
SCALE 1:50



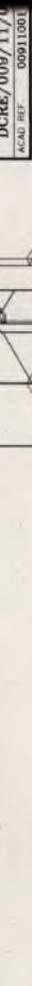
16m TOWER REAR ELEVATION
SCALE 1:50



16m TOWER REAR ELEVATION
SCALE 1:50



16m TOWER REAR ELEVATION
SCALE 1:50



16m TOWER REAR ELEVATION
SCALE 1:50

