

Tactile safety inspection of high-level fabric

REPORT Burleigh Castle PIC014



July 2022



HISTORIC
ENVIRONMENT
SCOTLAND

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EACHDRAIDHEIL
ALBA

CONTROL SHEET

Document Control

Title:	Tactile safety inspection of high-level fabric Report PIC014 Burleigh Castle
Authors:	[REDACTED]
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Version Control

Version	Date	Status	Prepared by	Amendments
V0001	04/07/2022	Draft	[REDACTED]	First draft
V0100	05/07/2022	Approved	[REDACTED]	Reviewed & approved

High-Level Tactile Inspection: Report - Introduction



PIC ID # ↓	PIC014	Site name	Burleigh Castle
Inspection start	15/06/2022	Inspection end	16/06/2022
Lead assessor		[REDACTED]	
Other assessors		[REDACTED]	
Submission		05/07/2022	

Introduction:

The High-Level Fabric Inspection of PIC 014 - Burleigh Castle was lead by [REDACTED], Lead Inspector and carried out with Inspectors [REDACTED] from 15/06/2022 to 16/06/2022.

The inspection team assessed 10 zones covering the whole monument, using a range of high level access equipment including , MEWP, alloy towers and ladders. Road Traffic control were in place for the duration of the works.

HLF Inspection Risk Matrix:

HES-T1C-HLF-RAS-X-X-V0102-RiskMatrix

Consequence \ Probability		1	2	3	4	5
		No injury	Minor injury	Moderate injury	Major injury	Fatal or life-altering injury
5	Fabric fall almost certain	5	10	15	20	25
4	Fabric fall highly likely	4	8	12	16	20
3	Fabric fall likely	3	6	9	12	15
2	Fabric fall unlikely	2	4	6	8	10
1	Fabric fall highly unlikely	1	2	3	4	5

RISK RATING	RISK SCORE RANGE
High	15 - 25
Medium	10 - 14
Low	1 - 9

Re-inspection frequency: (in years)

High-Level Tactile Inspection: Report - Introduction



Unknown, no visitor numbers.
Note, site is used as a local access pathway.

		Annual Visitor Numbers				
		up to 5 k	5-20 k	20 - 100 k	100k - 2m	over 2 m
Identified Risk Rating	Low	5 years	5 years	5 years	4 years	4 years
	Medium	3 years	3 years	2.5 years	2 years	2 years
	High	1 year	1 year	1 year	1 year	0.5 year

HL Zones:

Zone:	Colour:	Zone Name:
1		North Tower - West Elevation
2		North Tower - North Elevation
3		North Tower - East Elevation
4		North Tower - South Elevation
5		Courtyard Wall - East Elevation
6		Courtyard Wall - West Elevation
7		South Tower - East Elevation
8		South Tower - South Elevation
9		South Tower - West Elevation
10		South Tower - North Elevation

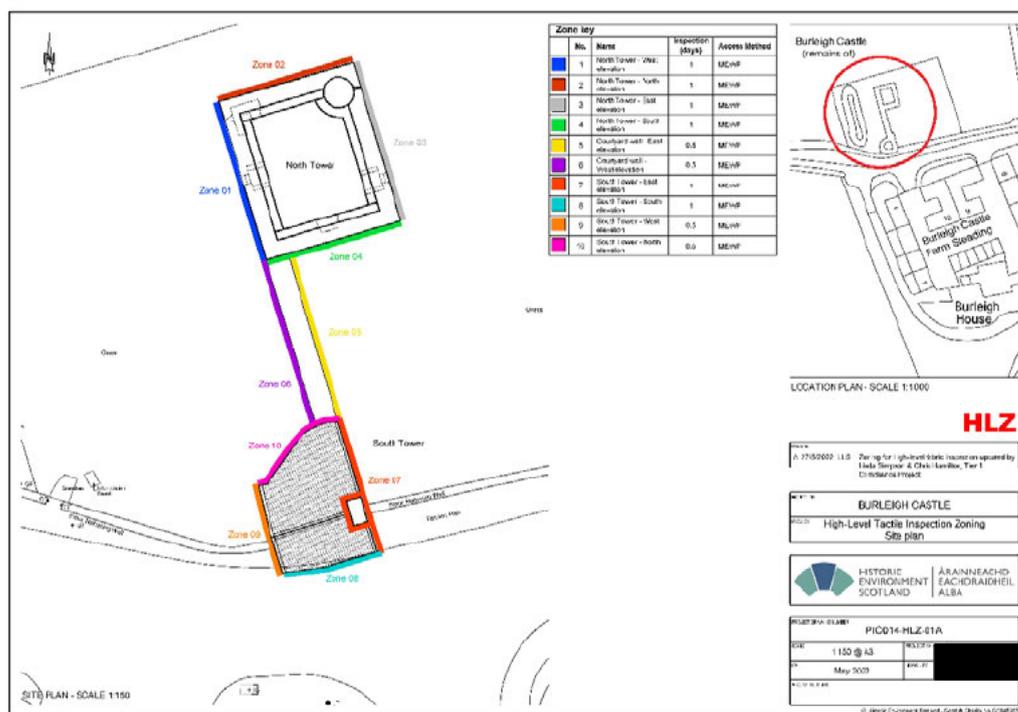
Link to 3D model:

Not available

High-Level Tactile Inspection: Report - High-Level Zoning Drawings



Click on link below image to open drawing in PDF viewer:



[PIC014-HLZ-01A](#)

High-Level Tactile Inspection: Report - Summary dashboard



PIC ID#	PIC014	Site name	Burleigh Castle	
Submission	05/07/2022	Number of zones	10	
Select zone of which data should be displayed ↓		All zones	Number of observations	19

Identified Risk



Residual Risk

After Inspection Action



Residual Risk

Mitigated with applied Access Restriction in place



Inspection Action:

Class V Report = Fabric detached during tactile inspection	Access Restriction = Risk of fabric falling and causing harm			Monitor Observation / Plan Repairs = No immediate action
	Full site, notifiable	Partial site, notifiable	Partial site, not notifiable	
2	0	0	1	16

Inspection types:	Tactile	19	Visual	0
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Key comments:

KEY FINDINGS

Generally site is in very good condition - 1 Class V to report which Perth MCU repaired. One restriction would be required to be kept in place should fencing being removed. West Elevation OBS number 4

PREDOMINANT RISKS:



There is predominant risks at Burleigh due to the condition of the building. Engineers input required to monitor some of the surface cracks.

High-Level Tactile Inspection: Report - Access Scope



PIC ID #	PIC014	Site name	Burleigh Castle
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Access methods: Select all methods used to conduct inspection ↓

MEWP	Yes	Design Scaffold	No	Alloy Tower Scaffold	Yes
Rope Access	No	Steeplejack	No	Ladder	Yes
Ground	Yes	Binoculars / Photo	Yes	UAV	No
Other method		If yes, details:			

Ground protection / tracking required:	Yes
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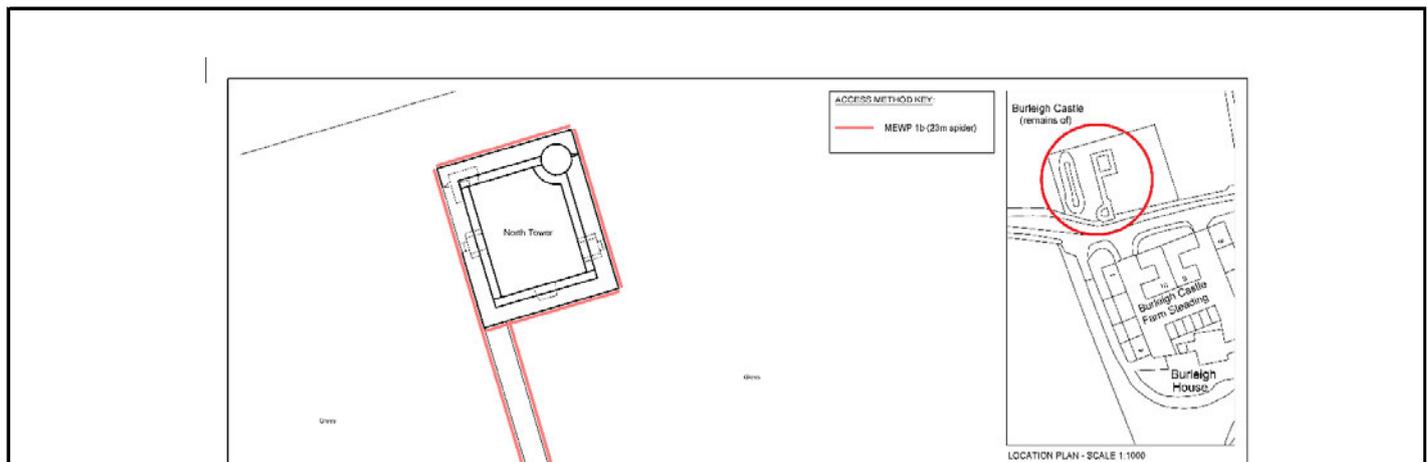
External Contractor appointed for access requirements:	Yes
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Inspection info:

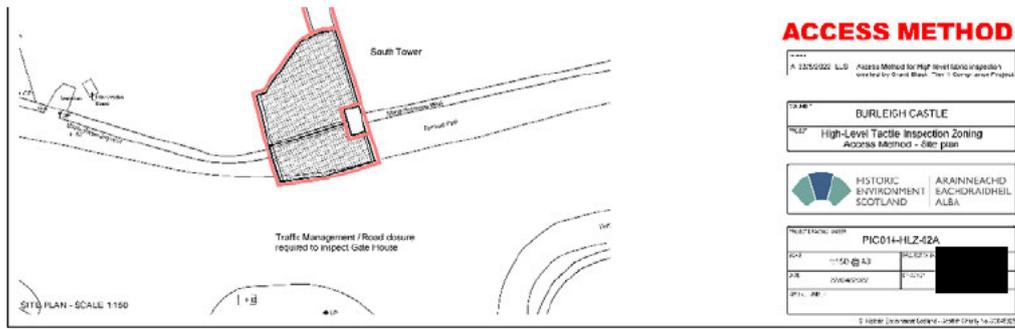
Limitations of inspection:	No Limitations for site - Traffic Management plan required when inspecting Burleigh.
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Areas not inspected:	All Areas Inspected - External. Internal areas havent been inspected on this visit
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Click on link below image to open drawing in PDF viewer:



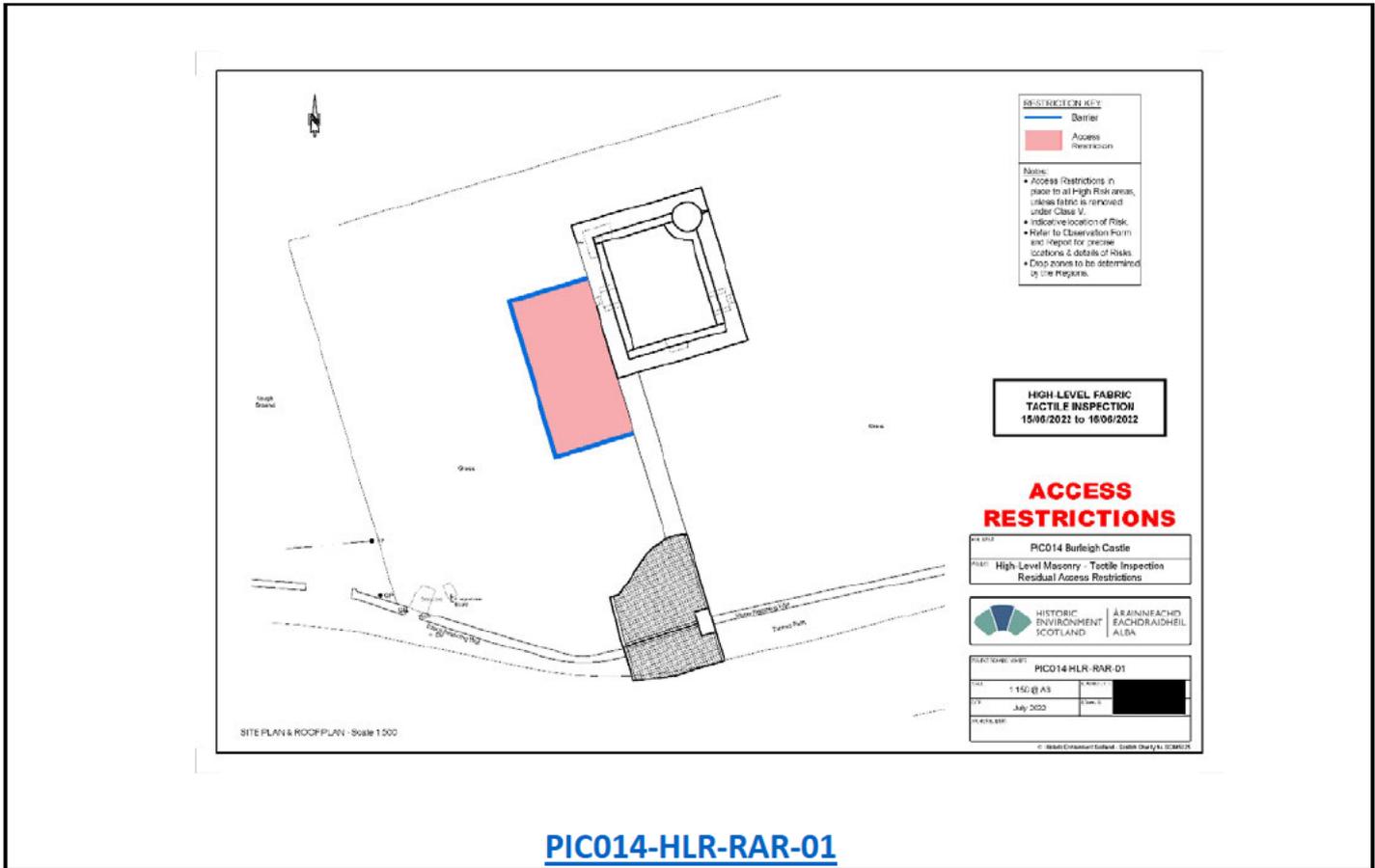
High-Level Tactile Inspection: Report - Access Scope



PIC014-HLZ-02A



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[PIC014-HLR-RAR-01](#)