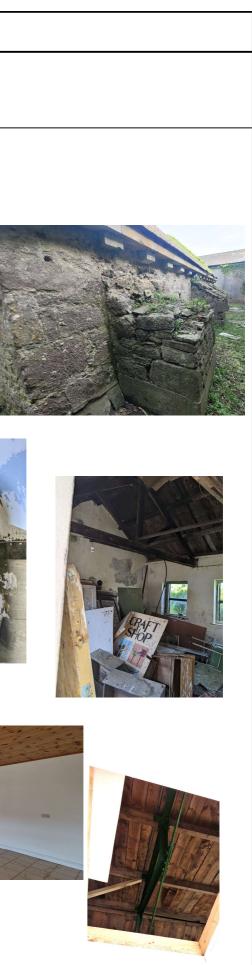
	Duncannon Fort CORA	Summary of structural condition, repairs required & current loading capacity	Proposed Use & structural alterations required	Additional Photos
	CONSULTING ENGINEERS Refer to USI Key Plan & Numbering Convention			
1	Magazine Single-storey single-bay gable-fronted building, c.1840 Masonry barrel vaulted roof, with decorative corbels along eaves Very thick random rubble walls, roughcast to south & east Large buttresses to west elevation Solid earthen or concrete floor	Fair (no access internally on day of survey) Generally in serviceable order, localised roof repairs required where slates slipp Localised repairs required to walls and floors. Vertical crack in masonry on un-rendered north gable, which will require Loose/collapsed masonry to top of buttress to west wall to be consolidated. Vegetation to south gable and partially on roof to be removed.	Public Building. Adequate current load capacity. No major structural alterations required.	
		Public loading (5 kN/m2) acceptable on solid floor		
2	Armoury Single-storey, five-bay building, c.1840, recostructed 1939	Fair (no access internally on day of survey) Vegetation growth in localised cracks in render to be removed and cracks filled.	Public Building	
	Masonry barrel vaulted roof, stone corbel along eaves	Significant mould growth seen internally on vaulted ceiling, requires removal	Adequate current load capacity.	
	Rendered roughcast masonry walls externally, with visible tooled quoins Ancillary building to northwest with timber truss roof	and adequate ventilation to be provided. Localised repairs to walls and floors.	No major structural alterations required.	and the second sec
		Ancillary building: water ingress and damp patches, potential decay to roof members which require repairs/strengthening. Public loading (5 kN/m2) acceptable on solid floor		
3	Armourer's Store Single-storey five-bay building, c.1840 (originally two-storey), reconstructed 1939 Rendered roughcast masonry walls externally, dry-lined internally Steel truss roof with secondary timber structure, suspended timber ceiling	Fair Roof appears in fair condition, repainting of steel trusses required. Building serviceable structurally, localised repairs may be required below existing finishes.	Public Building. Adequate current load capacity. No major structural alterations required.	
		Public loading (5 kN/m2) acceptable on solid floor		









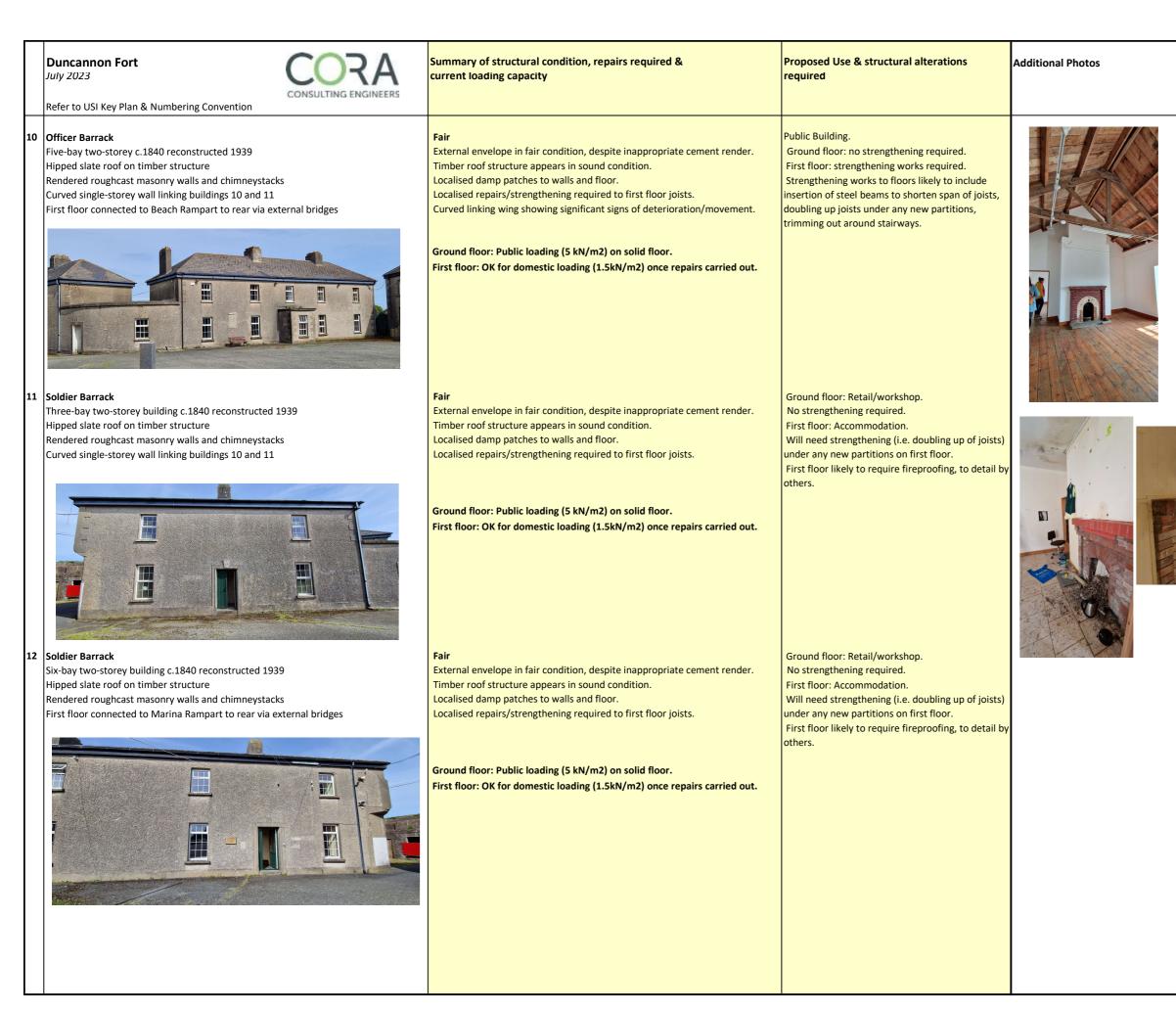














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		Summary of structural condition, repairs required & current loading capacity	Proposed Use & structural alterations required	Additional Photos
	Refer to USI Key Plan & Numbering Convention			
	 Barrack Store Five-bay two-storey building c.1840 reconstructed 1939 Hipped slate roof on timber trussed roof structure Rendered roughcast masonry walls and chimneystacks 	Fair External envelope in fair condition, despite inappropriate cement render. Timber roof structure appears in sound condition. Localised damp patches to walls and floor, plaster spalling locally. Localised repairs/strengthening required to first floor joists.	Ground floor: Retail/workshop. No strengthening required. First floor: Accommodation. Will need strengthening (i.e. doubling up of joists) under any new partitions on first floor. First floor likely to require fireproofing, to detail by others.	
		Ground floor: Public loading (5 kN/m2) on solid floor. First floor: OK for domestic loading (1.5kN/m2) once repairs carried out.	others.	
	4 Laneways Partially cobbled lane adjacent to building 12 Bridges connecting building 12 to rampart	Fair Bridges connecting building 12 to rampart in fair condition, localised repairs to masonry spandrel walls and parapets Cobbled surface priarily intact, some vegetation growth t be removed	Public loading (5 kN/m2) on solid floor.	
1	5 Toilet Block Single-storey concrete building, assumed c.1939-1943 or more recent Shallow pitch asbestos slate roof	Fair Externally - fair condition, localised damp patches to base of walls Internally - no access for survey	Public loading (5 kN/m2) on solid floor.	
	6 Parade	Fair	Dublic loading (5 kt/sc2) as called accord	
	Open plan tarmacked area, surrounded by buildings predominantly facing inwards	Tarmacked surface in fair condition - refer to Civil/Transport engineer	Public loading (5 kN/m2) on solid ground	

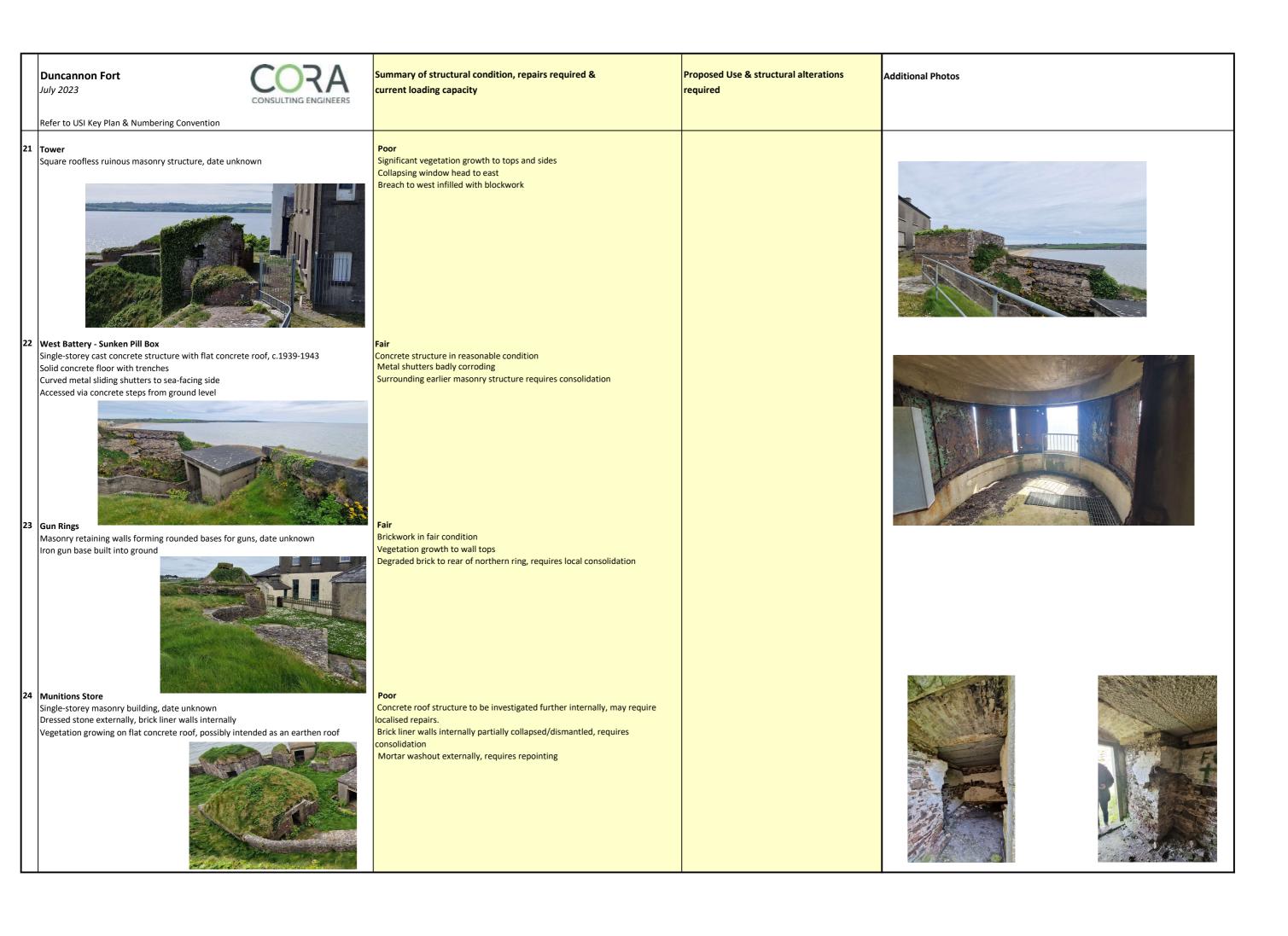






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		Summary of structural condition, repairs required & current loading capacity	Proposed Use & structural alterations required	Additional Photos
	Refer to USI Key Plan & Numbering Convention			
17	South Battery Masonry walls forming boundary to sea, date unknown	Fair condition Localised repairs/repointing to masonry		
18	Ditch & Rampart (Dry Moat) High masonry walls to each side of moat Decorative string course near top Grassed moat	Fair condition Vegetation growth to walls, particularly vigorous at high level Localised repairs to masonry once vegetation removed		
19	South Lunette Curved semi-circular brick single-storey structure, date unknown Cementitious rounded cap to parapet wall Arrow-slit windows	Fair condition Spalled bricks require repair Cement cap requires replacement with more appropriate lime cap		
20	North Lunette Curved semi-circular brick single-storey structure, date unknown Cementitious rounded cap to parapet wall Arrow-slit windows	Fair condition Spalled bricks require repair Cement cap requires replacement with more appropriate lime cap Recently fallen portion of wall repaired, in good condition		

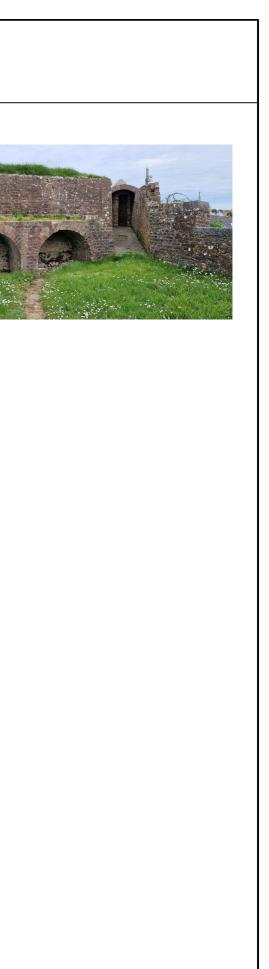




	Duncannon Fort July 2023	Summary of structural condition, repairs required & current loading capacity	Proposed Use & structural alterations required	Additional Photos
	Refer to USI Key Plan & Numbering Convention			
	Generator Room Single-storey cast concrete building c.1939-1943 Concrete downstand beams supporting flat concrete roof Large rusting machines occupying much of floor area	Poor Concrete roof deteriorating, cracks in roof covering, water ingress and vegetation growth Possible presence of asbestos in machinery TBC		
26	West Battery	Fair		
	Single-storey cast concrete structure with flat concrete roof, c.1939-1943 Solid concrete floor	Concrete structure in reasonable condition Metal shutters badly corroding		
	Curved metal sliding shutters to sea-facing side Set within older masonry battery structures	Surrounding masonry structure requires consolidation		in the
	West Battery - Sea Pill box Single-storey cast concrete structure with flat concrete roof, c.1939-1943 Solid concrete floor	Poor Concrete structure spalling to underside (top of roof not seen)		
	Beach Rampart Masonry retaining wall with walkway and grassed area on top	Fair Masonry in reasonable condition, localised repairs only		
	Curved round tower at south corner, unknown date	······································		
	Blind brick arches below walkway			



	July 2023 CONSULTING ENGINEERS		Proposed Use & structural alterations required	Additional Photos
	Refer to USI Key Plan & Numbering Convention			
29	Marina Rampart Masonry wall with walkway and grassed area on top Grassed masonry slopes leading to parapet wall Blind brick arches below walkway	Fair Masonry in reasonable condition, localised repairs only		
30	Beach Glaci Grassed area to south of main entrance, enclosed by flanking entrance masonry walls	Fair Localised repairs to walls only		
31	Marina Glaci Grassed area to north of main entrance, enclosed by fence and retaining masonry	Fair Localised repairs to walls only		
	walls Historic graveyard to north end of field	,		
32	Telecoms Box Single-storey single-cell masonry structure, date unknown	Fair (no access internally) Understood to be outside of project remit		
	Diffigie-scorey single-ten masoniny structure, date unknown			



Duncannon Fort July 2023		Proposed Use & structural alterations required	Additional Photos
Refer to USI Key Plan & Numbering Convention			
Circular Battery Single-cell pointed-roof lookout structure at apex of brick walls	Fair Some mortar washout and vegetation growth Localised repairs required to masonry only		
Casemented Battery			
Rubble masonry walls overlooking beach cliffs	Fair Some mortar washout and vegetation growth		
	Localised repairs required to masonry only		
Underground multi-roomed area with vaulted masonry ceiling and walls Lime plaster to walls and ceiling	Fair Lime plaster spalling but mostly intact Solid stone floor in reasonable condition		
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	<text><text><text><section-header><section-header><section-header></section-header></section-header></section-header></text></text></text>	Idv 2023 Current loading capacity Refer to USI Key Plan & Numbering Convention Fair Single-cell pointed-roof lookout structure at apex of brick walls Some mortar washout and vegetation growth localised repairs required to masonry only Fight Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Single-cell pointed-roof lookout structure at apex of brick walls Fair Reserverted Battery Fair Rubble masonry walls overfooking beach cliffs Fair Single cell pointed roof lookout at washout and vegetation growth localised repairs required to masonry only Upderground multi-roomed area with vaulted masonry celling and walls lume plaster to walls and celling: look of more looking l	R/y 203 Concent markets current loading capacity required Refer to USI Key Plan & Rumbering Convention Fair Some montar washout and vegetation growth Circuit Statury Some montar washout and vegetation growth Circuit called regains required to missionry only Fair Some montar washout and vegetation growth Circuit called regains required to missionry only Fair Some montar washout and vegetation growth Circuit called regains required to missionry only Fair Some montar washout and vegetation growth Circuit called regains required to missionry only Fair Some montar washout and vegetation growth Circuit called regains required to missionry only Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some montar washout and vegetation growth Circuit Called regains required to missionry only Fair Some

