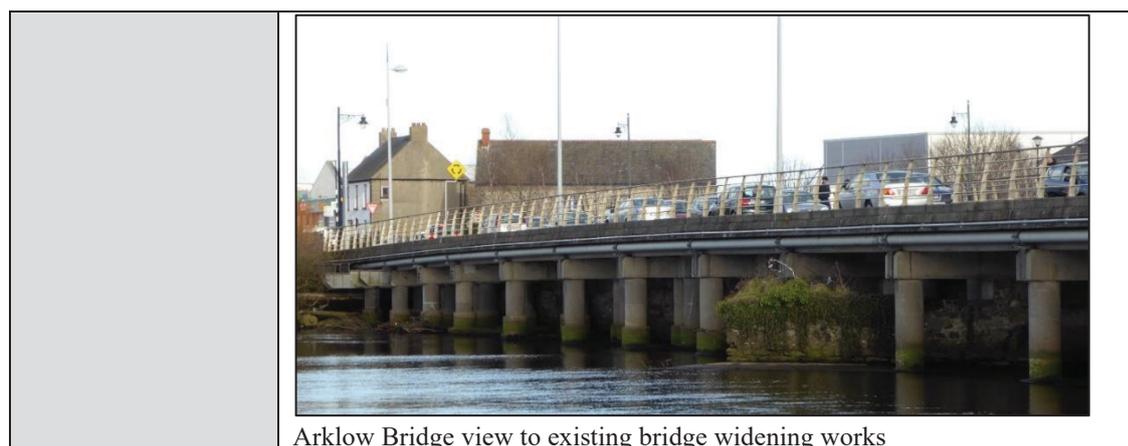


Appendix 11.3

Architecture and Cultural Heritage Inventory

Appendix 11.3 Architecture and Cultural Heritage Inventory

Identification No. and Legal Status	RPS (A26) and NIAH 16322046
Townland	Avoca River
Site Type	Arklow Bridge
Description	<p>19 arch stone built road bridge over the Avoca River, built c.1755. The bridge has a large central pier with cutwaters to both the north and south sides of the other smaller piers. The arches have roughly dressed voussoirs with areas covered in cement render. The low parapet is also cement rendered and is topped with a c.1960s replacement metal railings.</p> <p>Bridge widening works have altered the appearance of the upstream elevation and have masked the original stonework behind three concrete columns. The bridge is impressive in magnitude and size and in its position over the River Avoca and as such remains a valuable and impressive element in the street and river scape of Arklow Town.</p>
Sources	Field inspection and cartographic analysis, NIAH, RPS CORA Report 2021 (Appendix 11.8), ADCO Report 2020 (Appendix 11.6)
Impact of scheme	Direct impact
Asset criteria	Medium
Magnitude of impact	Medium
Significance of impact	Negative, Significant and Permanent impact. The proposed works are irreversible and have the potential to significantly impact the structure on a permanent basis (see Appendix 11.7 ADCO 2020 and 11.8 CORA 2021). By lowering the floor of Arklow Bridge, it will directly impact the masonry anti-scour riverbed detail (stone apron), the removal of this stone feature, where it survives will result in a Negative, Significant Moderate and Permanent impact.
Proposed mitigation	<p>A conservation engineer will be engaged to advise on repair and remedial work and to review the scope of proposed strengthening works at detail design. Archaeological investigation and excavation to take place. An integrated conservation approach will assist in protecting and showcasing the historic fabric of the bridge. In the long term, this work will protect and stabilise the bridge.</p> <p>As a conservation measure, the historic stone apron at Arch No.1 will be reinstated to its current state reusing any existing stones which can be recovered in an adequate condition and at Arch No. 19, the stone apron will be retained as is (Appendix 11.6, ADCO, Plate 58).</p> <p>All mitigation as proposed in the conservation engineering report will be applied (Appendix 11.8 CORA 2021).</p>
Approx. distance from development	Works are due to take place at the bridge and in the environs of the bridge in the Avoca River.
Photographs	 <p>Arklow Bridge view to the west</p>



Ferrybank (RPS)

Legal Status	RPS A31 and NIAH 16322074
Townland	Ferrybank
Site Type	Church
Description	Detached five bay single storey gable ended Gothic style Methodist church built c. 1860. The church is rectangular in plan, with the façade finished in uncoursed rubble stone with dressed stone to the openings. The church is set back from the line of the road with the grounds to the front enclosed with decorative cast-iron railings with matching carriage gateway. To the rear is a garden, now used as a play area and the boundary is formed by an earthen embankment approximately 1.5m high, topped with trees and scrub.
Sources	Field inspection and cartographic analysis, NIAH, RPS and Arklow & Environs Local Area Plan 2018
Impact of scheme	There is no direct impact to the structure or grounds. The proposal to place an earthen embankment to the rear of the structure will have an indirect impact to the visual setting of the structure. However, it must be noted that these works will benefit this architectural heritage structure by protecting it from flooding in the future.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight, Permanent impact
Proposed mitigation	Any impact to the setting caused by a visual alteration to the rear of the boundary by the proposed work will be offset by landscaping and screening works that will assist in blending in the new works. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	The proposed permanent works are located c.88m to the northwest of the structure. The permanent works are located approximately 26m from the rear boundary.

<p>Photographs</p>	 <p>View to front elevation of the Methodist Church</p>  <p>The rear property plot looking southeast</p>
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Legal Status	NIAH 16322075
Townland	Ferrybank
Site Type	House now identified as Sheltonville Surgery
Description	Detached three bay, two storey house built c.1850-60 with two modern hipped roof dormers to the front. The large front garden has been replaced by a carpark for the surgery, enclosed by a low roadside rubble stone wall. The structure has been altered over time with replacement uPVC windows, additions to the rear and side and replacement roof. It still remains a good example of a mid -19 th century residence.
Sources	Cartographic analysis, site inspection, NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The proposal to place an earthen embankment to the rear of the structure will have an indirect impact to the visual setting of the structure. However, it must be noted that these works will benefit this structure by protecting it from flooding in the future.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Permanent impact
Proposed mitigation	Any impact to the setting caused by a visual alteration to the rear of the boundary by the proposed work will be offset by landscaping and screening works that will assist in blending in the new works. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	The proposed permanent works are located approximately 120m to the northwest of the structure and 45m from the rear boundary

Photographs		
	<p data-bbox="539 616 1149 649">Front elevation prior to becoming a commercial premise.</p>  <p data-bbox="539 1064 1244 1097">Structure now acts as a doctor's client with carparking to the front</p>	

Legal Status	NIAH 16322076
Townland	Ferrybank
Site Type	House, shop retail outlet.
Description	Terraced three-bay three-storey house, built c. 1850-1870. The façade is finished in unpainted lined render and a later inserted shopfront (Raymond Gaffney & Sons (now relocated)) to the south of the entrance door adds interest to the streetscape.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The proposal to place an earthen embankment to the rear of the property plot will have an indirect impact to the visual setting of the structure. However, it must be noted that these works will benefit this structure by protecting it from flooding in the future. The drainage channel to the rear of the proposed plot will be moved westwards to the other side of the embankment.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Permanent impact
Proposed mitigation	Any impact to the setting caused by a visual alteration to the rear of the boundary by the proposed work will be offset by landscaping and screening works that will assist in blending in the new works. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	Permanents Works will take place approximately 119m to the northwest of the structure.

<p>Photograph</p>	 <p>View of commercial premises, fronting onto Ferrybank Road</p>
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Legal Status	NIAH 16322073)
Townland	Ferrybank
Site Type	The Old Manse - house
Description	Detached three bay, two-storey house, built c. 1860. The façade is finished in painted lined render with incised quoins and moulded surrounds to the openings. Pitched roof with rendered chimneystacks. It is a well-preserved Victorian House.
Sources	Field inspection and cartographic analysis, NIAH
Impact of scheme	Indirect impact by the placement of an earthen berm outside the rear boundary of the property.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Permanent impact
Proposed mitigation	Any impact to the setting caused by a visual alteration to the rear of the boundary by the proposed work will be offset by landscaping and screening works that will assist in blending in the new works. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	The proposed permanent works are located c.88m to the northwest of the structure. The permanent works are located approximately 26m from the rear boundary.
<p>Photographs</p>	

	Front elevation of the Manse House
Legal Status	NIAH 16322072
Townland	Ferrybank
Site Type	House, 20 Ferrybank
Description	End of terrace three-bay, two-storey with central doorway house, built c.1890-1905.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass resulting in a Positive, Moderate and Long term Impact. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 100m west of the rear boundary of this structure and approximately 121m from the structure.
Photograph	 <p>Terrace of dwellings, Ferrybank Road</p>

Legal Status	NIAH 16322071
Townland	Ferrybank
Site Type	House, 21 Ferrybank
Description	Terraced three bay, two storey with central doorway and pitched roof house, built c.1890-1905. Enclosed to the front by a small garden with rendered wall and railings.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security

	fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 100m west of the rear boundary of this structure and approximately 121m from the structure.

Legal Status	NIAH 16322070
Townland	Ferrybank
Site Type	House, 22 Ferrybank
Description	Terraced three bay, two storey house with central doorway, built c.1890-1905. On either side of the entrance is a single-storey flat roofed canted bay with flat headed windows. Well preserved late Victorian house.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short-Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 100m west of the rear boundary of this structure and approximately 121m from the structure.

Legal Status	NIAH 16322069
Townland	Ferrybank
Site Type	House, 23 Ferrybank
Description	Terraced two bay two storey house, built c.1890-1905. The façade in finished in panted lined render with moulded surrounds to the openings. Well preserved late Victorian terraced house. A laneway runs at right angles to the rear of the structure's boundary fence.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short-Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 108m west of the rear boundary of this structure and approximately 126m from the structure.

Photograph	 <p data-bbox="539 607 831 629">View to Ferrybank Terrace</p>
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Legal Status	NIAH 16322068
Townland	Ferrybank
Site Type	House, 24 Ferrybank
Description	Terraced two-bay, two-storey house, built c.1890-1905. The façade is finished in unpainted lined render with moulded surrounds to the openings, whilst the pitched roof is slated and has rendered chimneystacks. It is an example of a well preserved late Victorian house. A laneway runs at right angles to the rear of the structure's boundary fence.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short-Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 108m west of the rear boundary of this structure and approximately 126m from the structure.
Photograph	 <p data-bbox="539 1879 970 1901">View to the structure from the southeast</p>

Legal Status	NIAH 16322067
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Townland	Ferrybank
Site Type	House, 25 Ferrybank
Description	Terraced two-bay, two-storey house, built c.1890-1905. The façade is finished in painted lined render, whilst the pitched roof is slated and has rendered chimneystacks. A laneway runs at right angles to the rear of the structure's boundary fence.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short-Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 117m west of the rear boundary of this structure and approximately 134m from the structure.

Legal Status	NIAH 16322089
Townland	Ferrybank
Site Type	House, 27 Ferrybank/office
Description	End of terrace, three-bay, two-storey house with an unusual angled corner, built c.1890-1905. The façade is finished in redbrick with a hipped roof over the bevelled north-east corner and red brick chimney stacks. A laneway runs at right angles to the rear of the structure's boundary fence.
Sources	Site inspection and cartographic analysis, NIAH
Impact of scheme	Indirect short-term impact due to the presence of SC1 outside and to the west of the property plot. There is no anticipated impact to the laneway.
Asset criteria	Medium
Magnitude of impact	Low
Significance of impact	Negative, Slight and Short-Term impact.
Proposed mitigation	Any visual alteration to the rear of the boundary by the presence of the compound will be screened in the short term by a 2.4m high security fencing of solid hoarding. Once the construction works have been completed, this area will be planted with native woodland, shrubs and grass. There is also a significant positive impact due to the prevention of flooding in the future.
Approx. distance from development	SC1 is located to the west and outside the property plot. Permanent works are located approximately 117m west of the rear boundary of this structure and approximately 138m from the structure.

<p>Photograph</p>	
	<p>View taken from the southwest to Ferrybank Road</p>
	
<p>Laneway to the rear of structure on Ferrybank Road</p>	

Legal Status	RPS A37
Townland	Arklow
Site Type	House/public house
Description	Semi detached, four bay, three-storey house/ public house. The façade is finished in painted render with moulded quoins. Timber shopfront with panelled doors. The first floor windows are flatheaded and have plain timber sash frames, modern replacement windows on second floor.
Sources	Record of Protected Structures.
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant, Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 10m southwest of the structure.

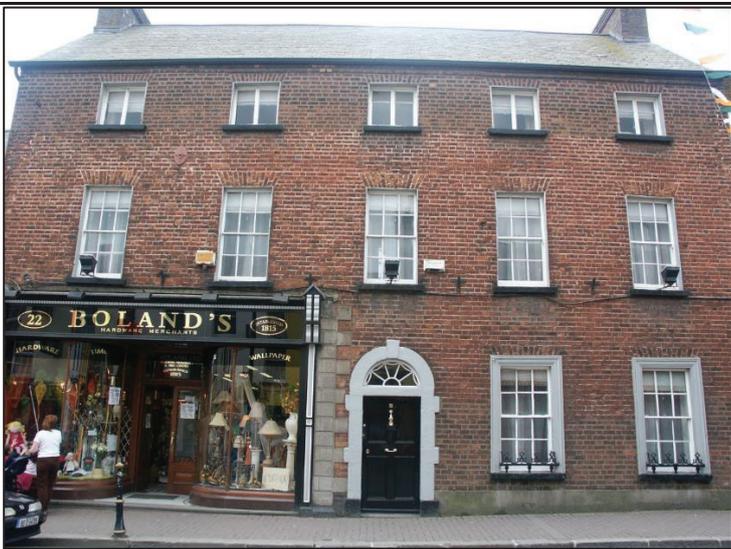


Legal Status	NIAH 16322047 RPS A27
Townland	Arklow
Site Type	House/retail unit
Description	End-of-terrace five-bay two-storey house and shop, built c.1890. The façade is finished in brick with moulded string courses and small decorative moulded clay panels. The gabled east elevation is finished in unpainted render. The pitched roof is covered in artificial slate and has two brick chimneystacks with corbelling. The large original timber shopfront consists of a recessed partly glazed door flanked by large windows with plain fixed light glazing, all encased with panelled jambs with decorative brackets and signboard.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant, Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 5m north of the structure.



Legal Status	NIAH 16322034 RPS A22
Townland	Arklow
Site Type	House/retail unit
Description	Terraced five-bay two-storey former house, built c.1840, now in use as two shops. The façade is finished in painted render, whilst the pitched roof is slated and has a large, rendered chimneystack to the east. To the ground floor are two non-identical timber shopfronts of c.1880, with the centrally located former house doorway now acting as the entrance to the shop to the east.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant, Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 30m to the southeast of the structure.
Photograph	

	View of premises, fronting onto Main Street.
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Legal Status	NIAH 16322035 RPS A23
Townland	Arklow
Site Type	House/retail unit
Description	Terraced five-bay three-storey house, built c.1760, with shopfront insertion of c.1900. The façade is in brick with a granite base course, granite 'quoins' to the shopfront, and painted stone surrounds to the other ground floor openings, whilst the exposed section of the gabled east elevation is rendered. The pitched roof is slated and has brick chimneystacks. The centrally positioned entrance consists of a panelled timber door with semi-circular fanlight with 'spider web' tracery, all encased with a Gibbsian painted stone surround. Windows are flat-headed and have six over six timber sash frames, with replacement timber casement frames to the smaller second floor windows, and painted stone sills to all. The ground floor windows each have a decorative cast-iron cheval-de-frise.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant, Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 55m to the northeast of the structure.
Photograph	 <p>View of premises, fronting onto Main Street.</p>

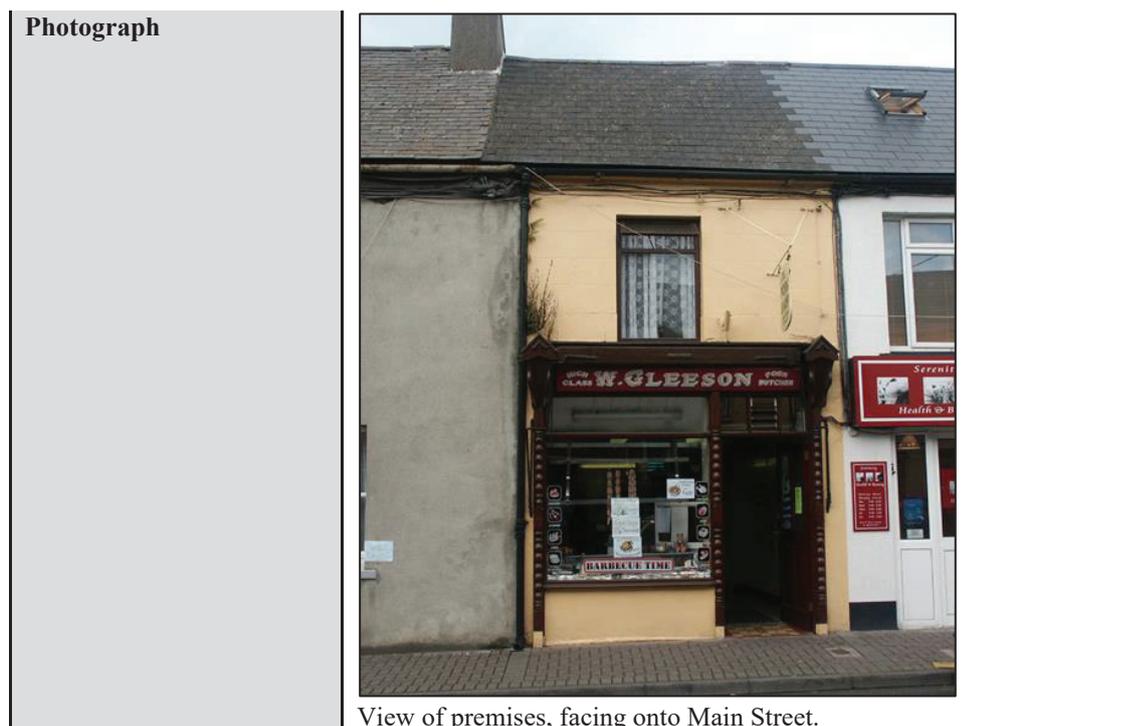
Legal Status	NIAH 16322048 RPS A28
Townland	Arklow
Site Type	Bank/financial institution
Description	End-of-terrace three-bay two-storey Queen Anne Revival style bank, built 1914. The symmetrical front elevation, which has a central full-

	height gabled projection, is finished ashlar limestone to the ground floor level and brick to the upper level, but with Giant order pilasters, upper floor window surrounds and eaves course also in limestone. The slated hipped roof has an overhang supported on dentils, and two rendered chimneystacks. The entrance is to the projection and consists of a panelled timber door with moulded surround with keystone. Above the entrance is a stone balcony with simple but decorative iron railings, with the balcony supported on decorative moulded brackets. Looking over the balcony is a window topped by a large broken curved pediment which includes an ornate moulded date panel flanked by cornucopiae.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant, Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 15m to the northeast of the structure.
Photograph	 <p>View of premises, fronting onto Main Street.</p>

Legal Status	NIAH 16322036
Townland	Arklow
Site Type	House
Description	Terraced two-bay two-storey house, built c.1840. The façade is finished in unpainted render whilst the pitched roof is slated and has a rendered chimneystack. The entrance consists of a panelled timber door with plain rectangular fanlight. The windows are flat-headed and have two over two timber sash frames, and painted stone sills. Cast-iron rainwater goods.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible

Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 25m to the northwest of the structure.
Photograph	 <p>View of house, facing onto Main Street.</p>

Legal Status	NIAH 16322037 RPS A24
Townland	Arklow
Site Type	House/retail unit
Description	Terraced single-bay two-storey former house, built c.1840, now is use as a shop with late Victorian / Edwardian shopfront. The façade is finished in lined render with artificial slates to the pitched roof. The timber full-width shopfront has a partly glazed door to the south side and a large fixed light shop window to north, all encased with decorative moulded pilaster jambs and a signboard with 'gabled' end brackets.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Low
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structures will be temporary in nature.
Approx. distance from development	Works will take place approximately 30m to the northwest of the structure



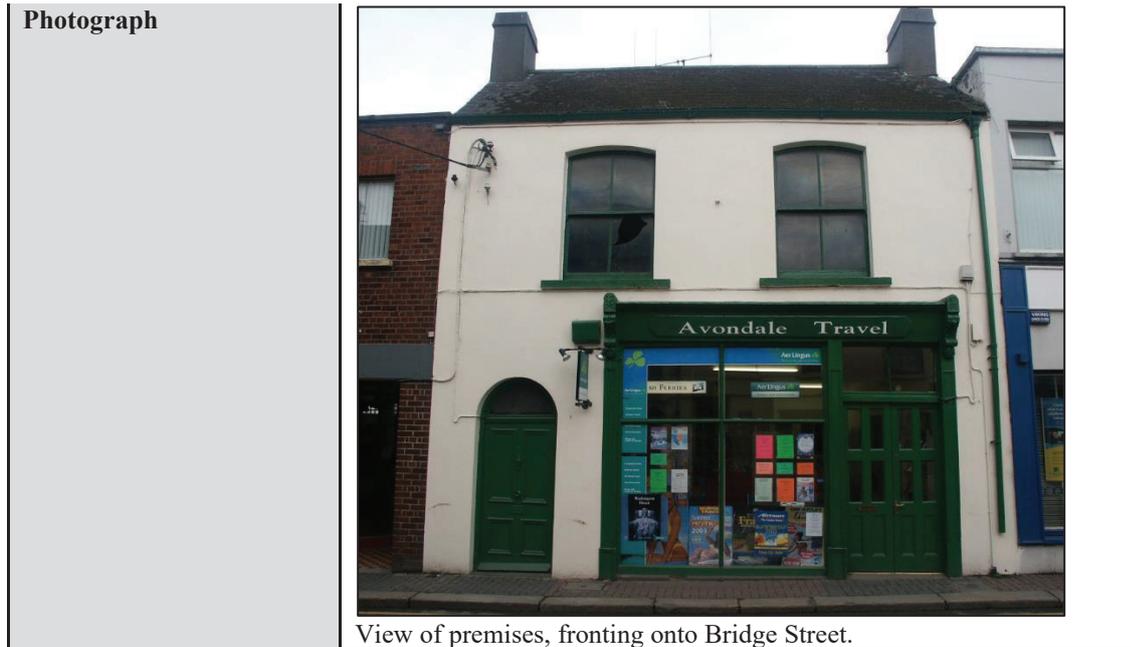
Legal Status	NIAH 16322044 RPS A38
Townland	Arklow
Site Type	House/public house
Description	Terraced four-bay two-storey former pair of houses, built c.1840, now in use as a public house with largely late 20th-century pub front. The façade is finished in painted render, with moulded surrounds to the first floor windows. The pitched roof is in two sections, that to the south slightly taller and covered in artificial slate, that to the north covered in natural slate; there is a rendered chimneystack to the north side also. To the ground floor there are two entrances to the pub. That to the south side is larger and has a timber double door, rectangular fanlight and large sidelight, whilst that to the north is similar in style but without the sidelight. There is a broad fixed light flat-headed pub window between the doorways, and a flat-headed window to south with a plain timber sash frame. The first floor windows are also flat-headed and each has a timber sash frame, two over two.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible.
Significance of impact	Negative, Not Significant and Temporary.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structure will be temporary in nature.
Approx. distance from development	Works will take place approximately 30m north of the structure.

Photograph



View of premises, facing onto Main Street.

Legal Status	NIAH 16322045 RPS A25
Townland	Arklow
Site Type	Shop/retail unit
Description	Terraced two-bay two-storey shop with living quarters, built c.1880. The façade is finished in painted render whilst the pitched roof is covered in artificial slate and has rendered chimneystacks. The timber shopfront appears original and consists of a partly glazed double door with large plain rectangular fanlight and a large four pane shop window, all of which is encased with panelled jambs with decorative brackets and a painted signboard. The 'house' entrance to the east side consists of a panelled timber door and plain segmental fanlight. The first floor windows have segmental heads and two over two timber sash frames.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible.
Significance of impact	Negative, Not Significant and Temporary.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structure will be temporary in nature.
Approx. distance from development	Works will take place approximately 5m northwest of the structure.



Legal Status	16322051
Townland	Tinahask Lower
Site Type	House
Description	Terraced two-bay two-storey house, built c.1870. The façade is finished in painted lined render with moulded quoins to east side, whilst the pitched roof is slated and has a shared rendered chimneystack. The entrance consists of a panelled timber door with plain rectangular fanlight. The windows are flat-headed and have two over two timber sash frames, and painted stone sills. The ground floor window has a decorative iron cheval-de-frise.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structure will be temporary in nature.
Approx. distance from development	Works will take place approximately 105m southeast of the structure.



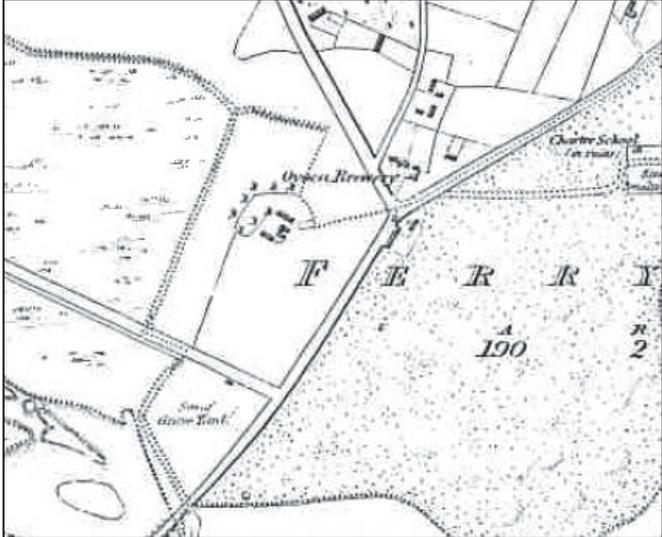
Legal Status	16322050
Townland	Tinahask Lower
Site Type	House
Description	End-of-terrace four-bay single-storey house, built c.1820, probably originally detached. The façade is finished in painted roughcast with painted render to window surrounds, wall edges and as a base course. The gabled west elevation is completely finished in painted render. The pitched gabled-ended roof is covered in artificial slate and has two rendered chimneystacks and several very small roof lights. The entrance is located within a small gabled porch and consists of a partly glazed timber door. The windows are flat-headed and have two over two timber sash frames, and painted stone sills.
Sources	NIAH
Impact of scheme	There is no direct impact to the structure. The drainage work will have a temporary, not significant impact during the construction stage.
Asset criteria	Medium value.
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	No mitigation required - any impact to the visual setting of the street scape and structure will be temporary in nature.
Approx. distance from development	Works will take place approximately 5m north of the structure.
Photograph	 <p>View of house, fronting onto Harbour Road.</p>

Cultural Heritage Features (AH)

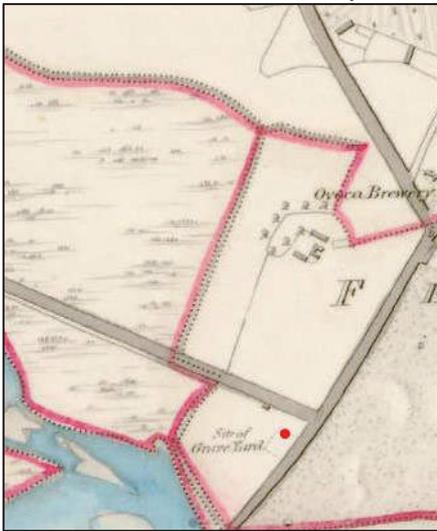
Identification No.	AH1
Legal Status	None
Townland	Ferrybank
Site Type	Former Laneway, now private property and causeway through the marsh lands
Description	Former laneway and causeway to Shelton Abbey through the marsh lands, east of the house. A structure is shown to the south of this laneway on the First edition, 6-inch 1838 OS map but not named. On the revised, 1887, 6-inch OS edition map a structure is named as a 'gate lodge'. This area is now private property and will not be impacted by the proposed scheme.

	The causeway through the marsh area is a raised flat-topped embankment with deep drainage ditches on either side. The causeway is overgrown with vegetation.
Sources	Site inspection and cartographic analysis
Impact of scheme	Direct impact to a small section of the raised causeway through the marsh
Asset criteria	Low
Magnitude of impact	Low
Significance of impact	A Negative, Slight, Permanent impact. will take place to the causeway in the area where the proposed embankment crosses it. Access will be provided across the embankment.
Proposed mitigation	Record the stratigraphy of the section of raised causeway by photography and survey.
Approx. distance from development	0m
Photograph	 <p>Former laneway to Shelton Abbey now in private property.</p>

Identification No.	AH2 (the site of SC1)
Legal Status	None
Townland	Ferrybank
Site Type	Complex of structures located within an enclosing and curving boundary. Possibly the site of Ovoca Brewery as shown on the first edition OS
Description	This area is shown on the historic mapping as a collection of buildings west of the Ferrybank Road, enclosed by a semi-circular, curving tree and possible wall boundary. A linear feature emanating from the complex, oriented southeast-northwest, could represent a mill channel that would have brought water to the site from the Avoca River. There are now ruinous structures on the site (which are outside the boundary proposed for SC1 and will remain in situ) and access is directly afforded to the site from a laneway leading to Ferrybank Road. The first edition, 6-inch 1838 OS map illustrates and names the 'Ovoca Brewery' which may be in reference to this complex, however testing did not reveal any evidence for this.

	 <p>First edition six-inch OS mapping</p>
Sources	Cartographic analysis
Impact of scheme	There will be a direct impact on the below ground features revealed by test excavation (Appendix 11.9 , Red Arc Consulting) at the proposed location of SC1. Even though the area has experienced a great amount of disturbance due to dumping, in situ below ground cut features indicating archaeological activity were identified.
Asset criteria	Medium
Magnitude of impact	Medium
Significance of impact	Negative, Moderate and Permanent impact.
Proposed mitigation	Archaeological investigation of the area in the form of topsoil stripping as an archaeological exercise will take place to reveal if further previously unrecorded features, are present in the area proposed for SC1. Subject to agreement with the statutory authorities excavation will take place of any newly revealed features.
Approx. distance from development	Within the proposed development area
Photography	 <p>Test Trench 4 at SC1 (Appendix 11.9, RedArc Consulting, Plate 3.4)</p>

Identification No.	AH3
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Legal Status	None
Townland	Ferrybank/ Marsh
Site Type	Townland boundary
Description	<p>The line of the proposed embankment through the marsh area follows the line of the townland boundary.</p>  <p>First edition six-inch OS map showing the line of the townland boundary in red</p>
Sources	Cartographic analysis
Impact of scheme	The location of the embankment and site compound SC1 will partly impact this townland boundary. The boundary remains as a tree lined boundary in places but has been removed in sections also. Test excavation (Appendix 11.9) revealed a number of possible postholes which may have an association with the townland boundary.
Asset criteria	Low
Magnitude of impact	Medium
Significance of impact	Negative Moderate, and Permanent impact
Proposed mitigation	Archaeological investigation and monitoring of this area will take place, if any feature is revealed associated with the former boundary it will be recorded and photographed.
Approx. distance from development	0m
Photography	 <p>Test Trench 5 (Appendix 11.9, RedArc Consulting, Plate 3.5)</p>

South Quay

Identification No.	AH 4
Legal Status	None

Townland	Ferrybank/ Marsh
Site Type	Former slip way structure
Description	This site is not named or shown on any OS edition mapping. It presents as a former slip way now broken up on a quay known as 'Coal Quay'. It appears to a concrete structure and is not in use.
Sources	Cartographic analysis and site inspection
Impact of scheme	River Access 7 (RA7) will remove this structure
Asset criteria	Low
Magnitude of impact	Medium
Significance of impact	Negative, Moderate and Permanent impact
Proposed mitigation	Photographic and descriptive record will take place prior to the removal of the structure. Archaeological monitoring will take place during the removal process.
Approx. distance from development	Within the scheme
Photograph	 <p>Former Slipway Coal Quay</p>

Identification No.	AH5
Legal Status	None
Townland	Tinahask Lower
Site Type	Historic slip (Tyrrell's slip and boat tracks)
Description	The boat building yard with slip first appears on the revised 6-inch 1907-8 OS mapping. However, it is said that John Tyrrell opened the boatyard in 1864 on the south quay (although there is no reference to this on the 1887 OS map). A housing development called Anchor Mews is located on the site of the former boatyard which closed in 1994. The concrete slip and boat tracks across the road are the last physical remnants of the boat building industry which took place at this location for 130 years. The slip way slopes to the water edge and would have been used to launch ships and provide access to the river, it is approximately 12m wide. Currently there is a demountable barrier across the slipway and this fits into a concrete wall on either side of it.

Sources	Research and cartographic analysis, site inspection.
Impact of scheme	This slip will be kept in situ. There will be no direct impact. Flood defence walling will be placed across the opening of the slip, altering the access to the slip way and thereby the function of the feature. The slip will be able to be viewed from glass panels inserted into the walling.
Asset criteria	Medium
Magnitude of impact	Medium
Significance of impact	Negative, Significant, Permanent impact, as the slip way and boat rails will be left insitu, however, the works will result in no direct access to the structure due to flood defence measures.
Proposed mitigation	Glass panels will be inserted into the flood defence walling proposed across the slip way, so it can be viewed. All works in the vicinity of the historic slip will be archaeologically monitored. The structure will be recorded by means of photography and written description prior to commencement of works so a full record of the feature is present prior to any interventions. There is an opportunity to provide an integrated signage trail relating to industrial heritage features which are associated with Arklow's rich maritime heritage and to promote the Maritime Museum of Arklow.
Approx. distance from development	Within the proposed scheme.
Photograph	 <p>View from the North Quay to the South Quay showing the slipway</p>  <p>Photo taken c.1910 looking up river from Harbour Road, on the left is the launching slipway of the Tyrrells boat building yard and high sheds. Courtesy of the Maritime Museum of Arklow.</p>



View of the slipway looking east



Boat lines across the road to the slip way, protected by a wooden demountable.

Identification No.	AH6
Legal Status	None
Townland	Tinahask Lower/ Arklow
Site Type	South quay wall
Description	<p>The south quay extends for approximately 440m from Arklow Bridge to the slip way (former Tyrrells boat yard). For 275m from the bridge to the sewer at South Green, it appears as a low cement plinth above street level. The exposed section of the original quay wall extends from South Green for 74m (to the Green). It presents as a rubble stone wall, with a slight batter, capped with levelled flag stones at ground level. The quay is flush with the street level.</p> <p>For 93m from the Green to the slipway, the original quay wall appears to be encased in cement and where the cement is failing, flagstones are visible at ground level, suggesting that it does survive but is no longer visible along this stretch.</p> <p>Approximately 368m of quay wall (from Arklow Bridge to South Green and from the Green to the historic slipway) has been rendered with cement with alterations</p>

	<p>and additions in the form of cement walls and plinths and modern pipe insertions and some section have been rebuilt. These alterations have occurred at different stages and therefore there is a loss of cohesiveness and continuity of structure when viewed from the north quay or from Arklow Bridge. Rock armour as well as sheet piles occur along the South Quay to the south of the slip way.</p> <p>The south quay wall, a late 19th century construct (shown on the 1885 OS Map of Arklow, 1:500 scale (Sheet XL.16.24). Now appears as an intermittent structure with significant sections of rebuild, sections augmented with concrete plinths and cement facing, areas of localised rebuild and repair. The original structure consists of a rubble stone mortared wall capped with stone flags.</p> <p>There is approximately 74m of original quay wall still visible when viewed from the North Quay. This is present from the junction of South Green and the South Quay to The Green and South Quay. It presents as a rubble stone wall, with a slight batter, capped with levelled granite cap stones at ground level. The quay is flush with the street level.</p>
Sources	Cartographic analysis, site inspection.
Impact of scheme	Direct impact
Asset criteria	Medium
Magnitude of impact	High
Significance of impact	Negative, Significant and Permanent impact will take place to the south quay wall. Sections of the quay wall will be encased within the new wall. It is proposed to consolidate and repair a section of the exposed stone wall and present this, potentially reinstating a 100m section of stone walling to a better condition than currently exists. The residual impact proposal will have a positive effect in consolidating the quay wall.
Proposed mitigation	<p>The proposed works will form a modern solution to flooding at Arklow and help protect dwellings and structures located along South Quay. There is also the opportunity to create a coherent structure that is reflective of the past industrial and shipping heritage while functional from a flood relief perspective.</p> <p>Different mitigation strategies will apply along the length of the quay wall. Where possible the wall, will be preserved in situ and encased by a sheet pile wall to the front over which a raised footpath and freeboard will be constructed.</p> <p>Where the quay wall is obscured and already encased in concrete or has other additions such as a low plinth attached to the top. It is anticipated that the quay wall will be left in situ and retained behind the sheet pile wall. Where interventions are required, a monitoring archaeologist will undertake a photographic and written record as part of the construction programme. As this section of the quay wall is essential hidden, monitoring will occur as works are scheduled and as areas are revealed.</p> <p>Where the quay wall is already exposed (approx. 74m, South Green – The Green, South Quay), this section of wall will be subject to advance contract works in the form of a rectified photographic record and detailed recording by an appropriate specialist.</p> <p>It will be possible to present the exposed quay wall for a distance of 35m – this section of walling will be consolidated and repaired according to best conservation practice measures. Further to this, it appears that for the next 65m the wall and cap stones are encased in a cement render that is currently failing in places. It is proposed to clean this back, remove the failing cement and expose the original quay wall. Allowing a presentation of approximately 100m of original stone quay wall (see Drawing no. 1041).</p>

	<p>A conservation engineer is to advise on the remedial and repair work to the existing quay that will be retained and exposed.</p> <p>Where the sheet pile wall transitions from going in-front of the old quay wall to behind the old quay wall (i.e. where it becomes exposed)- the existing quay wall in the transition areas will have to be dismantled. The contractor will seek to reuse this stone in repairing the old quay wall in other locations/capping. The transition section/face of the old quay wall will therefore become exposed on either side. Detailed recording by photographic record will occur in the advance works contract and full archaeological recording will take place during the dismantling of these sections of the wall.</p> <p>Where reconstruction works are required to tie in to the existing wall at these transition areas, salvaged stone and capping stones can be reused as required. All interventions with the quay wall will be monitored and recorded by a licenced archaeologist.</p> <p>There is an opportunity to provide an integrated signage trail relating to industrial heritage features which are associated with Arklow’s rich maritime heritage and promote the Maritime Museum of Arklow.</p>
<p>Approx. distance from development</p>	<p>Within the scheme</p>
<p>Photography</p>	 <p>View to the South Quay showing the original rubble stone walling visible from the junction of South Green and South Quay and to the west of this the quay rendered with cement.</p> 

View to South Quay showing the difference from original quay walling and where the wall has already been altered and cement rendered in the past.

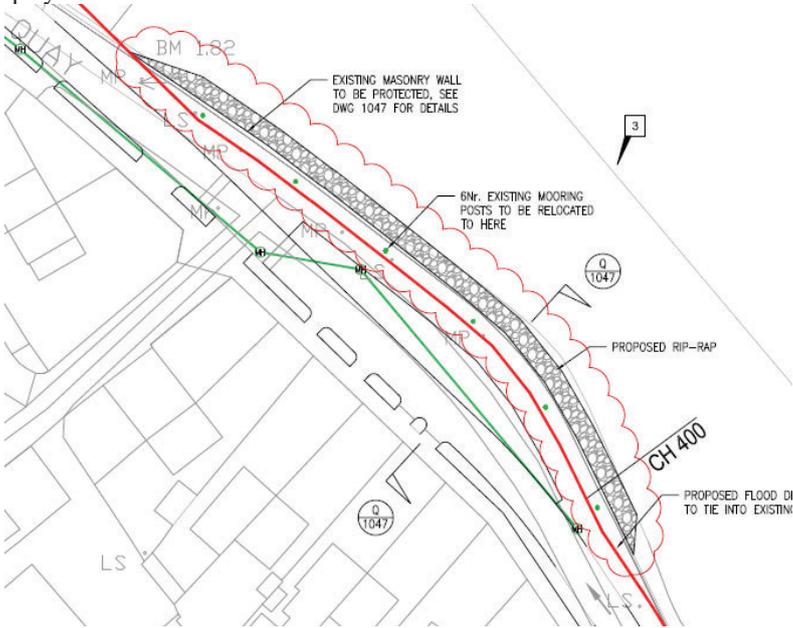


View to the west along the south quay – showing the original stone capping



Section of South Quay wall to be retained by the proposed scheme

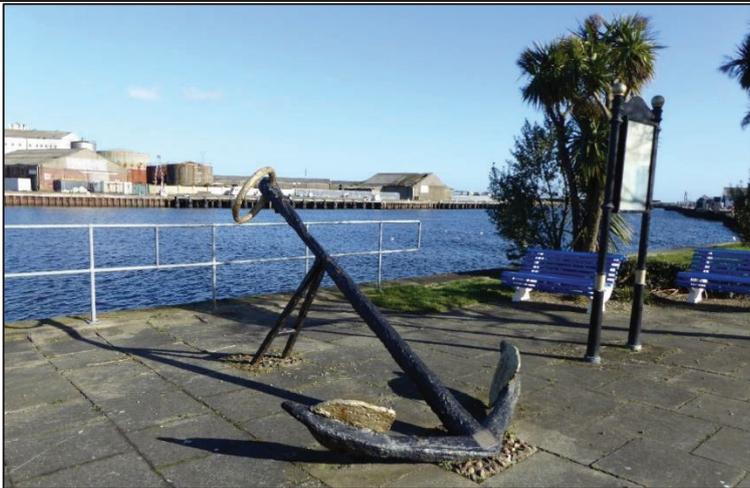
Identification No.	AH7
Legal Status	None
Townland	Tinahask Lower
Site Type	Mooring stones
Description	Six mooring posts/stones (approximately placed at 18-20m intervals) are located along south quay. These present as small, granite circular blocks, painted white. They are set back approximately 2m from the quay side in the grass verge. They measure approximately 0.20m-0.45m high and 0.40m in diameter.
Sources	Research and cartographic analysis, site inspection.
Impact of scheme	Direct temporary impact as six mooring stones will be removed and reinstated.
Asset criteria	Low
Magnitude of impact	Medium
Significance of impact	Negative, Moderate and Temporary impact

<p>Proposed mitigation</p>	<p>It will be important to maintain the authenticity and integrity of the mooring stones with the original quay wall. While they are movable objects they are large granite blocks and will require excavation under archaeological supervision and recording. The intent is to move them locally to an optimum location and reset them along the outside of the flood relief wall and on the quay wall.</p>  <p>Drawing Number 1041</p>
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<p>Approx. distance from development</p>	<p>Within the proposed scheme</p>
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<p>Photography</p>	 <p>View west showing the stone mooring posts</p> 
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	<p>Detail of a mooring stone</p>  <p>An example of an excavated mooring stone showing the below ground foundation (courtesy Lisa Edden, CORA)</p>
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Identification No.	AH8
Legal Status	None
Townland	Tinahask Lower
Site Type	Seated amenity area
Description	Quay side seated area, an anchor sculpture provides the focal point.
Sources	Site inspection.
Impact of scheme	Indirect impact
Asset criteria	Low
Magnitude of impact	Low
Significance of impact	Positive, Slight, Long Term impact– the amenity area itself will remain unaffected, however the area will now be incorporated into the overall public realm work for flood relief scheme.
Proposed mitigation	This area will be improved by the provision of the proposed new wall and handrail.
Approx. distance from development	Within the scheme
Photography	

	Existing seated amenity area along the South Quay, quay consists of concrete plinth at ground level supported by sheet piles with railings in front of the seated area.
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Identification No.	AH9
Legal Status	None
Townland	Tinahask Lower
Site Type	Metal bollard
Description	Harbour side large metal bollard that contributes to the maritime character of the area. Painted white, located at the mouth of the South Socks.
Sources	Site inspection.
Impact of scheme	No impact
Asset criteria	Low
Magnitude of impact	Negligible impact
Significance of impact	Neutral, Not Significant, Short term impact is anticipated to the bollard due to the proximity of the scheme. The bollard will remain in situ.
Proposed mitigation	No mitigation required.
Approx. distance from development	Within the scheme.
Photography	 <p>View to metal bollard</p>

Identification No.	AH10
Legal Status	None
Townland	Tinahask Lower
Site Type	Mooring points
Description	Six metal mooring posts (approximately placed at 18-20m intervals) are located along south quay. These present as either small, metal mushroom-shaped bollards, or narrow metal two-headed posts, all painted white. They are set on the edge of the quay.
Sources	Cartographic analysis and site inspection.
Impact of scheme	Direct temporary impact as six mooring stones will be removed and reinstated.
Asset criteria	Low
Magnitude of impact	Medium
Significance of impact	Negative, Moderate and Temporary impact

<p>Proposed mitigation</p>	<p>It will be important to maintain the authenticity and integrity of the mooring points with the original quay wall. While they are movable objects, they are set in the ground and will be removed under archaeological supervision and stored at an agreed and secure location for the duration of the project. The intent is to move them locally to an optimum location.</p> 
<p>Approx. distance from development</p>	<p>Within the proposed scheme</p>
<p>Photograph</p>	 <p>Two of the metal mooring points, facing northeast</p>

<p>Identification No.</p>	<p>AH11</p>
<p>Legal Status</p>	<p>None</p>
<p>Townland</p>	<p>Tinahask Lower</p>
<p>Site Type</p>	<p>Smithy</p>
<p>Description</p>	<p>Three-bay smithy building, built c. 1886-1910. The façade is of rubble masonry granite stone with two surviving arches of dressed granite quoins and polychromatic brick. One of the arches has been filled with concrete cinder blocks and a presumed-missing third arch has been entirely filled with concrete cinder blocks. An opening on the first floor in the centre bay is framed on either side by polychromatic brick with a timber lintel above. The slate roof is supported by two courses of polychromatic header bricks.</p>
<p>Sources</p>	<p>Site inspection</p>
<p>Impact of scheme</p>	<p>There is no direct impact to the structure or grounds. The drainage works will have a temporary not significant impact during the construction stage.</p>
<p>Asset criteria</p>	<p>Medium</p>
<p>Magnitude of impact</p>	<p>Negligible</p>

Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	No mitigation required.
Approx. distance from development	Works will take place approximately 3-4m north of the structure.
Photograph	 <p>View of smithy, fronting onto Harbour Road.</p>

Identification No.	AH12
Legal Status	None
Townland	Tinahask Lower
Site Type	Water pump
Description	Early 20 th century pump. Some components are missing but it has been retro fitted with a modern tap suggesting that it is still functioning as a source of water.
Sources	Site inspection.
Impact of scheme	There is no direct impact to the structure or grounds. The drainage works will have a temporary not significant impact during the construction stage.
Asset criteria	Low value
Magnitude of impact	Low
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	Feature to be identified to contractors, if necessary, protection measures such as localised hoarding can be put in place to protect it in situ. No direct impact to the water pump, trenching for the proposed drainage works will take place approximately 3m north of the feature. Archaeological monitoring of all groundworks will take place
Approx. distance from development	Trenching will take place approx. 3m north of the water pump.
Photograph	 <p>Water pump, fronting onto South Quay.</p>

Identification No.	AH13
Legal Status	None
Townland	Tinahask Lower
Site Type	Metal bollard
Description	Metal bollard.
Sources	Site inspection.
Impact of scheme	There is no direct impact to the structure. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Low value
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	Feature to be identified to contractors, if necessary, protection measures such as localised hoarding can be put in place to protect it in situ.
Approx. distance from development	Works will take place approximately 5m west of the feature.
Photograph	 <p>View of metal bollard on South Quay.</p>

Identification No.	AH14
Legal Status	None
Townland	Tinahask Lower
Site Type	Public park
Description	A winding path of paving stones leads from the road into the circular interior of the Seafarer's Memorial Garden. The statue of a boy pushing a small boat stands in the centre of the park. The statue of a seafarer with ship's wheel stands on a recreation of a ship bow at the south-eastern corner of the park. Life buoys, crab traps and ropes populate planted areas of shrubbery on the edges of the park. Ships masts have been cleverly re-used as lampposts.
Sources	Site inspection.
Impact of scheme	There is no direct impact to the structure or grounds of the memorial park. Trenching for the drainage works will have a temporary, not significant impact during the construction stage. Access to the park

	from the northeastern side may be temporarily restricted during construction works.
Asset criteria	Low value
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant and Temporary
Proposed mitigation	The Seafarer's Memorial Garden is to be identified to contractors as a feature of heritage interest.
Approx. distance from development	Works will take place outside the park in the road, approximately 5m north of the park.
Photograph	 <p>View of park, fronting onto Dock Road.</p>

Identification No.	AH15
Legal Status	None
Townland	Tinahask Lower
Site Type	Boat rails
Description	Rails leading from a former ship-building yard at Arklow Docks on the Dock Road, traversing the road and on the quayside jetty.
Sources	Field inspection
Impact of scheme	Trenching for the drainage works will traverse these rails.
Asset criteria	Low value
Magnitude of impact	Medium
Significance of impact	Negative, Moderate and Temporary impact.
Proposed mitigation	Remove rails prior to construction, store at an agreed location with the authorities, archaeologically monitor the drainage works and re-instate the rails upon completion of the works and the resurfaced road.

Approx. distance from development	Within development.
Photograph	 <p>View of boat rail traversing Dock Road at the South Docks</p>

Identification No.	AH16
Legal Status	None
Townland	Tinahask Lower
Site Type	Mooring points
Description	A mix of six metal and concrete mooring posts (approximately placed at 10m intervals) are located along south quay. These present as either small, metal mushroom-shaped bollards, or wide, white concrete posts. They are set on the edge of the quay wall.
Sources	Site inspection.
Impact of scheme	There is no direct impact to the structures or grounds. The drainage works will have a temporary, not significant impact during the construction stage.
Asset criteria	Low
Magnitude of impact	Negligible
Significance of impact	Negative, Not Significant and Temporary impact.
Proposed mitigation	Mooring point to be identified to contractors as features of heritage interest. No further mitigation required.
Approx. distance from development	Works will take place approximately 5m west of the mooring points.

Photograph



View of metal mooring point on South Quay.



View of metal mooring point on South Quay.



View of concrete mooring point on South Quay.



View of concrete mooring point on South Quay.