



Great Yarmouth Third River Crossing

Application for Development Consent Order

Document 6.2: Environmental Statement Volume II: Technical Appendix 9B: Historic Environment Desk-Based Assessment

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended) (“APFP”)

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1 Executive Summary

- 1.1.1** WSP has been commissioned by the Applicant to carry out a historic environment desk-based assessment (HEDBA) of the proposed Great Yarmouth Third River Crossing, which would see the construction, operation and maintenance of the new crossing of the River Yare. The Scheme consists of a new dual carriageway road, including a road bridge across the river, linking the A47 at Harfrey's Roundabout on the western side of the river to the A1243 South Denes Road on the eastern side. The Scheme would feature an opening span double leaf bascule (lifting) bridge across the river, involving the construction of two new 'knuckles' extending the quay wall into the river to support the bridge. The Scheme would include a bridge span over the existing Southtown Road on the western side of the river, and a bridge span on the eastern side of the river to provide an underpass for existing businesses, enabling the new dual carriageway road to rise westwards towards the crest of the new crossing. The Scheme also includes the installation of Variable Message Signs (VMSs) in Satellite Application Sites on key routes in Great Yarmouth.
- 1.1.2** This desk-based study assesses the impact on buried heritage assets (archaeological remains) and above ground heritage assets (structures and landscapes of heritage interest) within or immediately around the Application Sites. It also considers the impact of the Scheme on the historic character and setting of designated assets within and beyond the site (e.g. views to and from listed buildings and conservation areas).
- 1.1.3** There are 124 designated heritage assets in a 1km Study Area around the Principal Application Site. They consist of four Scheduled Monuments, four Grade I Listed Buildings, eight Grade II* Listed Buildings, 102 Grade II Listed Buildings and six Conservation Areas. No World Heritage Sites, Registered Battlefields, Registered Parks or Gardens or Protected Wreck sites have been identified within 1km of the Principal Application Site.
- 1.1.4** A total of 135 non-designated heritage assets are recorded within the 500m Study Area around the Principal Application Site. Of these, 125 are non-designated buried heritage assets, comprising both findspots and monuments, and 10 are non-designated built heritage assets. 15 of the non-designated heritage assets have been identified during the course of this assessment and the remaining 120 were previously recorded by the Norfolk Historic Environment Record (NHER).
- 1.1.5** A total of 18 buried heritage assets have been identified within the Principal Application Site of 19th century to 20th century date, of which eight are identified as being of low importance and the remainder negligible. The impacts will be moderate to major adverse and the effects moderate adverse

on the low value assets before mitigation, reducing to minor adverse with mitigation.

- 1.1.6** There is a potential for currently unknown buried archaeological assets to be present within the Application Sites, including deeply stratified deposits which may not have been disturbed by modern development. Due to the proximity of the Principal Application Site to the River Yare and the medieval shoreline, there is potential for buried remains associated with maritime activity, and for high level of preservation of remains, such as wood, in waterlogged deposits. The importance of such remains is unknown and may range from Negligible to High value. Any early prehistoric artefacts of Palaeolithic date would be classed as being of international significance and Very High value. The impacts on buried assets within the Principal Application Site would be major adverse and the effects would therefore vary from slight to very large adverse.
- 1.1.7** The assessment has established that there is greater likelihood for buried assets on the west side of the River Yare of medieval, post-medieval and modern date. The sensitivity of these assets is predicted, based on the current evidence, to be negligible to medium. The magnitude of impact prior to mitigation is considered to be moderate to major, the effects slight to large on any below ground heritage assets prior to the implementation of mitigation measures. These could be reduced to neutral through mitigation by preservation in-situ and to slight to moderate through preservation by record.
- 1.1.8** The assessment has identified that the potential for unknown below ground archaeological remains on the east side of the River Yare varies from that predicted to the west. The land mass here is of a more recent date and historically has been part of the Naval base and then a port. Therefore, there is a higher likelihood for below ground remains of post-medieval and modern date of negligible to low sensitivity. The magnitude of impact prior to mitigation is considered to be moderate to major and for this side of the Application Site. The effects would be slight (not significant) effect before mitigation, reducing the neutral through mitigation through preservation in-situ, although the effects would remain slight with preservation by record.
- 1.1.9** The construction phase will require the demolition of two sets of terraced housing located within the Principal Application Site on the western side of the River Yare (WSP04 and WSP06). Both terraces are of late 19th century date and are judged to be of low importance. As the assets will be removed entirely, the impacts before mitigation would be major adverse and the effects moderate adverse, without mitigation. There is a potential for the effects to be reduced through a programme of historic building recording which will allow for preservation by record and would reduce the effects to slight adverse.

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- 1.1.10** The construction and operation phase will result in significant effects on Grade I Listed Nelson's Monument (NHLE 1246057) and the Grade II Listed Gas Holder (NHLE 1096789) due to changes in the setting. The Scheme will have moderate adverse impacts on their settings due to the visual intrusion, particularly from the bridge, the control tower and the plant room, which will present a major change in the skyline. Both are visually dominant features in the local area and this contributes to the importance of each asset. The effects on Nelson's Monument, a Grade I Listed Building of high value, will be moderate adverse, due to the distance and varying level of impact on the views towards the monument. The effect on the Grade II listed Gas Holder, a medium value asset, is also predicted to be moderate adverse due to the proximity of the Gas Holder to the bridge. The impacts identified would have a Less than Substantial Harm on these assets, however, as the value of the assets and the interests which inform the value would remain largely unchanged.
- 1.1.11** There will be adverse impacts on the settings of three non-designated built heritage assets during construction and operation period (Fish Wharf 1877 Extension Building (WSP01), Late 19th century terraces off Southtown Road (WSP03) and Late 19th century terraces off St Anne's Road (WSP05). All are low value assets and the setting represents a minor contribution to the value: the effects are therefore slight adverse effect.
- 1.1.12** The Scheme includes six Satellite Application Sites for the installation of VMS. The Satellite Application Sites on North Quay, Fullers Way and Yarmouth Way are located within the medieval town, as defined by the remain of the town walls, and there is a potential for buried remains in these locations, although they are predicted to have been heavily disturbed. The amount of ground disturbance associated with the installation of VMS is predicted to be minimal.
- 1.1.13** There are no designated heritage assets located within the Satellite Application Sites and none are located within a 250m of the Satellite Application Sites on A47 South, Gapton Hall Road and Acle New Road. There are 25 designated heritage assets within 250m of the of the Satellite Application Sites in North Quay (one Scheduled Monument; one Grade I, two Grade II* and 21 Grade II Listed Buildings), 37 in Fuller's Way (one Scheduled Monument; two Grade I, two Grade II* and 32 Grade II Listed Buildings) and 80 in Yarmouth Way (three Scheduled Monuments; four Grade I, five Grade II* and 68 Grade II Listed Buildings). The Satellite Application Sites on North Quay and Fuller Way are located in the St Nicholas and Northgate Conservation Area. The Satellite Application Site on Yarmouth Way lies between the King Street and the Hall Quay South Quay Conservation Areas.
- 1.1.14** The Satellite Application Site on North Quay is located 30m from an extant section of the Scheduled Monument Town Walls (NHLE 1003782). The



positioning of the VMS close to an upstanding part of the monument may result in it causing a slight visual distraction when approaching the monument from the north along North Quay, although due to the size of the VMS compared to the monument and the presence of other many other visual distractions, the impacts are judged to be neutral, and the effects neutral.

- 1.1.15** The Tolhouse structure was built in the mid-12th century as a merchant's house and is Grade I Listed. It is located approximately 50m from the Satellite Application Site on Yarmouth Way. The position of the VMS will mean limited intervisibility between the asset and the VMS and there will be negligible impact on the Grade I Listed Building. The effects on the high value heritage asset would be slight adverse.

2 Introduction

2.1 Project Background

- 2.1.1** The Applicant has undertaken a HEDBA to assess the heritage impact of the proposed Scheme. The HEDBA forms part of DCO application and is a technical appendix to an Environmental Statement (ES) (document reference 6.1).
- 2.1.2** The Scheme involves the construction, operation and maintenance of a new crossing of the River Yare in Great Yarmouth in the Principal Application Site (centred at TG 52469 05894). The Scheme consists of a new dual carriageway road, including a road bridge across the river, linking the A47 at Harfrey's Roundabout on the western side of the river to the A1243 South Denes Road on the eastern side. The Scheme would feature an opening span double leaf bascule (lifting) bridge across the river, involving the construction of two new 'knuckles' extending the quay wall into the river to support the bridge. The Scheme would include a bridge span over the existing Southtown Road on the western side of the river, and a bridge span on the eastern side of the river to provide an accommodation underpass for existing businesses, enabling the new dual carriageway road to rise westwards towards the crest of the new crossing. VMS would be provided at six Satellite Application Sites locations around Great Yarmouth as part of the Scheme to assist the movement of traffic depending on whether the double leaf bascule bridge is open or closed.
- 2.1.3** This document will identify the known heritage resources and likely types of archaeological remains which may be encountered and the predicted impacts of the development upon them.
- 2.1.4** The document satisfies Regulations 5(2)(a) and 5(2)(m) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure Regulations) 2009 (the APFP Regulations).

2.2 Scope

- 2.2.1** The report provides a baseline of known or potential buried heritage assets (archaeological remains) and above ground heritage assets (structures and landscapes of heritage interest) within the Principal Application Site, the Satellite Application Sites and their study areas. Professional expert opinion has been used to assess heritage significance, based on historical, architectural, artistic and archaeological taking into account past ground disturbance which may have compromised survival.



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- 2.2.2** The report assesses the impact of the Scheme on heritage assets (designated and non-designated), the historic character and setting of designated assets (e.g. views to and from listed buildings and conservation areas) within the Principal Application Site, the Satellite Application Sites and their study areas.
- 2.2.3** The report assesses the effects of the Scheme on all heritage assets the Principal Application Site, the Satellite Application Sites and their study area.
- 2.2.4** The report assesses the harm of the Scheme on designated heritage assets the Principal Application Site, the Satellite Application Sites and their study area

2.3 Aims and Objectives

- 2.3.1** The aim of this report is to assess the impact of the Scheme and to provide a suitable strategy to mitigate any adverse effects, if required, as part of a DCO to develop the site. The aim is achieved through six objectives:
- Identify the presence of any known or potential heritage assets that may be affected by the proposals;
 - Describe the value of such assets, in accordance with the National Policy Statement for National Networks (NPS NN) and National Planning Policy Framework (NPPF), taking into account factors which may have compromised asset survival;
 - Determine the contribution to which setting makes to the value of any sensitive (i.e. designated) heritage assets;
 - Assess the likely impacts upon the value of the assets arising from the proposals;
 - Assess the impact of the Scheme on how designated heritage assets are understood and experienced through changes to their setting; and
 - Assess the significance of effects and the level of harm resulting from the Scheme.

2.4 Outline of the Proposal Relevant to the Assessment

- 2.4.1** If constructed, the Scheme would comprise the following principal elements which are relevant to the assessment:
- A new dual carriageway road, crossing the River Yare in an east-west orientation, comprising:
 - A new double-leaf bascule bridge providing an opening span to facilitate vessel movement within the river. This would include

structures to support and accommodate the *operational* requirements of the bridge-opening mechanism, including counterweights below the level of the bridge deck. The bridge will be supported on driven piles;

- New substructures, supported by driven piles, to support the double leaf bascule bridge within the existing quays either side of the river and within the river itself, requiring new permanent “knuckle” walls, creating cofferdams in the waterway to accommodate their construction;
 - A new five-arm roundabout connecting the new dual carriageway road with Suffolk Road, William Adams Way and the western end of Queen Anne’s Road. Sections of the new five arm roundabout would be supported on driven piles where deep soft ground is encountered;
 - A single-span bridge over Southtown Road, with reinforced earth embankments joining that bridge to the new roundabout at William Adams Way. Southtown Road bridge and the reinforced earth embankments would be supported on driven piles;
 - A single-span bridge to provide an accommodation underpass on the eastern side of the river, with reinforced earth embankments joining that single span bridge to South Denes Road. The underpass and reinforced earth embankments would be supported on driven piles;
 - A new signalised junction connecting the new road with A1243 South Denes Road; and
 - Implementation of part of a flood defence scheme along Bollard Quay that is proposed to be promoted by the Environment Agency, and works to integrate with the remainder of the flood defence scheme.
- The closure of Queen Anne’s Road, at its junction with Suffolk Road, and the opening of a new junction onto Southtown Road providing vehicular and pedestrian access to residential properties and the MIND site at the eastern end of Queen Anne’s Road;
 - Revised access arrangements for existing businesses onto the local highway network;
 - Dedicated provision for cyclists and pedestrians which ties into existing networks;
 - A control tower structure located immediately south of the crossing on the western side of the river. The control tower would facilitate the 24/7 operation of the opening span of the new double-leaf bascule bridge;
 - A plant room located on the eastern side of the river for the operation of the opening span of the new double-leaf bascule bridge;
 - The demolition of an existing footbridge on William Adams Way;

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- Associated changes, modifications and/or improvements to the existing local highway network;
 - Additional signage, including VMS at discrete locations, to assist the movement of traffic in response to network conditions and the openings / closings of the double-leaf bascule bridge;
 - The relocation of existing allotments to compensate for an area to be lost as a result of the Scheme and other accommodation works including those at the MIND site; and
 - New public realm, landscape, ecology and sustainable drainage measures.

2.4.2 Works to facilitate the construction, operation and maintenance of the above elements including:

- Creation of temporary construction sites and accesses from the public highway;
- Provision of new utilities and services and the diversion of existing utilities;
- Provision of drainage infrastructure, lighting and landscaping;
- Demolition of a number of existing residential and commercial / business properties; and
- Provision of small vessel waiting facilities to the north and south of the new crossing, either as floating pontoons or additional fendering to the existing berths, including any dredging and quay strengthening works that may be required.

2.4.3 The double leaf bascule bridge is expected to be operational 24 hours per day and 365 days per year. It is anticipated that the bridge would open on average 15 times per day on a typical weekday. Individual opening durations would vary, however, traffic modelling undertaken for the Scheme has assumed that each opening will take on average approximately 5.5 minutes including vessel passage time. In its open position, the raised leaf bridge will be approximately 28m above Ordnance datum (AOD).

2.4.4 The assessments within this assessment have been based upon a Scheme design that has been sufficiently developed to allow an assessment to be undertaken within the parameters of assessment identified in Table 2.1 below.

Table 2.1: Parameters of Assessment

Item	Parameters
Control tower	A maximum height of 20 metres AOD
Road gradient	A maximum of 5%.
Finished road level tolerance	The finished road level has a tolerance of +1.0 metre and -0.5 metres from that shown on the Engineering Section Drawings
Double leaf bascule bridge clearance over water	A minimum of 5.36m AOD to the underside of the double leaf bascule bridge when lowered. Unlimited headroom (air draught) to be provided when the bascule bridge is raised.
Navigable channel width	A minimum navigable channel width of 50m.
Southtown Road bridge	Minimum clearance of 5.3m above finished road level for traffic in accordance with the Design Manual for Roads and Bridges (DMRB)
Accommodation underpass (eastern side of river)	Minimum clearance of 4.9m above finished road level

2.5 Key Heritage Constraints

2.5.1 A total of 18 buried heritage assets have been identified within the Principal Application Site of 19th century to 20th century date, of which seven are identified as being of low importance and the remainder negligible. There is a potential for currently unknown buried archaeological assets to be present within the Principal Application Site, including deeply stratified deposits which may not have been disturbed by modern development. Due to the proximity of the Principal Application Site to the River Yare and the medieval shoreline, there is potential for buried remains associated with maritime activity, and for high level of preservation of remains, such as wood, in waterlogged deposits. A detailed assessment of the below ground heritage resource is provided in Section 6 and the impacts and effects provided in Section 8.

2.5.2 The Principal Application Site lies immediately adjacent to one designated heritage asset, the Grade II Dolphin Public House (NHLE 1096829) and non-designated built heritage assets of 19th century date. The construction and operation phase will result in significant effects on the setting of Grade I Listed Nelson's Monument (NHLE 1246057) and the Grade II Listed Gas Holder (NHLE 1096789) due to changes in the setting. A detailed assessment of the built heritage resource is provided in Section 7, the impacts and effects in Section 8 and the Substantial Harm in Section 9.

3 Planning Framework

3.1 Statutory Protection

Scheduled Monuments

- 3.1.1 Nationally important archaeological sites (both above and below-ground remains) may be identified and protected under the Ancient Monuments and Archaeological Areas Act 1979. An application to the Secretary of State is normally required for any works affecting a Scheduled Monument. Prior written permission, known as Scheduled Monument Consent (SMC) is required from the Secretary of State for works physically affecting a scheduled monument. However, pursuant to section 33 of the Planning Act 2008, such consent is not required if any works affecting a Scheduled Monument form part of the development sought to be authorised through a DCO
- 3.1.2 Development affecting the setting of a scheduled monument is dealt with wholly under the planning system and does not require SMC.
- 3.1.3 Geophysical prospection (including the use of a metal detector) on a scheduled monument requires consent from Historic England.

Listed Buildings and Conservation Areas

- 3.1.4 The Planning (Listed Buildings and Conservation Areas) Act 1990 sets out the legal requirements for the control of development and alterations which affect buildings which are listed or in conservation areas. Buildings which are listed or which lie within a conservation area are protected by law. Grade I are buildings of exceptional interest. Grade II* are particularly significant buildings of more than special interest. Grade II are buildings of special interest, which warrant every effort being made to preserve them. Pursuant to section 33 of the Planning Act 2008, listed building consent is not required if any works to a listed building form part of the development sought to be authorised through a DCO.

The Infrastructure Planning (Decisions) Regulations 2010

- 3.1.5 The Infrastructure Planning (Decisions) Regulations Act 2010 sets out the legislation for dealing with development consent for nationally significant infrastructure projects. In Regulation 3 (1) it states that when *“deciding an application which affects a listed building or its setting, the decisionmaker(b) must have regard to the desirability of preserving the listed building or its setting or any features of special architectural or historic interest which it possesses”*.

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- 3.1.6 Regulation 3 (2) states that when *“deciding an application relating to a conservation area, the decision-maker must have regard to the desirability of preserving or enhancing the character or appearance of that area”*.
- 3.1.7 Regulation 3 (3) states that when *“deciding an application for development consent which affects or is likely to affect a scheduled monument or its setting, the decision-maker must have regard to the desirability of preserving the scheduled monument or its setting”*.

3.2 National Policy

National Policy Statement for National Networks

- 3.2.1 The National Policy Statement for National Networks (NPS NN) states the requirements that the SoS has for DCO applications and the matters that need to be considered by the SoS when determining an application (Ref. 1). The NPS NN clarifies that a heritage asset can be a building, monument, site, place, area or landscape and that the significance of the asset is a factor both its physical presence as well as its setting.
- 3.2.2 Within an ES, an applicant is required to *“undertake an assessment of any likely significant heritage impacts of the proposed project” (Paragraph 5.126) ... ‘and describe the significance of any heritage assets affected, including any contribution made by their setting. The level of detail should be proportionate to the asset’s importance’ (Paragraph 5.127).*

“When considering the impact of a proposed development on the significance of a designated heritage asset, the Secretary of State should give great weight to the asset’s conservation. The more important the asset, the greater the weight should be. Once lost, heritage assets cannot be replaced and their loss has a cultural, environmental, economic and social impact. Significance can be harmed or lost through alteration or destruction of the heritage asset or development within its setting. Given that heritage assets are irreplaceable, harm or loss affecting any designated heritage asset should require clear and convincing justification. Substantial harm to or loss of a grade II Listed Building or a grade II Registered Park or Garden should be exceptional. Substantial harm to or loss of designated assets of the highest significance, including World Heritage Sites, Scheduled Monuments, grade I and II Listed Buildings, Registered Battlefields, and grade I and II* Registered Parks and Gardens should be wholly exceptional” (Paragraph 5.131).*

“Any harmful impact on the significance of a designated heritage asset should be weighed against the public benefit of development, recognising that the greater the harm to the significance of the heritage asset, the greater the justification that will be needed for any loss” (Paragraph 5.132).

“Where the proposed development will lead to substantial harm to or total loss of significance of a designated heritage asset, consent should be refused unless it can be demonstrated that the substantial harm or loss of significance is necessary in order to deliver substantial public benefits that outweigh that loss or harm” (Paragraph 5.133).

“Where the proposed development will lead to less than substantial harm to the significance of a designated heritage asset, this harm should be weighed against the public benefits of the proposal, including securing its optimum viable use” (Paragraph 5.134).

“Where the loss of the whole or part of a heritage asset’s significance is justified, the SoS should require the applicant to record and advance understanding of the significance of the heritage asset before it is lost (wholly or in part). The extent of the requirement should be proportionate to the importance and the impact” (Paragraph 5.140).

National Policy Statement for Ports

- 3.2.3** The NPS for Ports states the requirements for Port and related infrastructure (Ref. 2). Similar to the NPS NN, an applicant is required to provide a description of the significance of heritage assets affected by a proposed development and the level of detail should be proportionate to the importance of the heritage asset.

The East Inshore and East Offshore Marine Plans

- 3.2.4** The East Inshore and East Offshore Marine Plans (EIEOMP) was published in 2014 (Ref. 3) and provides the approach to managing the resources, and the activities and interactions that take place within the coastline and seascapes along the east coast of England from Bridlington in the north to Felixstowe in the south. It is one of 11 plans that cover the seas around England, giving an area specific expression within the framework of the 2011 UK Marine Policy Statement (Ref. 4).
- 3.2.5** The policies relating to heritage assets and seascape are addressed in paragraphs 141 to 152 of the EIEOMP and are set out in order to achieve Objective 5 *“To conserve heritage assets, nationally protected landscapes and sure that decisions consider the seascape of the local area. This objective relates to the historic environment, nationally important landscapes and seascapes. It recognises the need to consider if developments are appropriate to the area they would be located in and have influence upon, and as far as possible do not compromise the value of such assets and characteristics”.*
- 3.2.6** Policy SOC2 is specific to heritage assets and states that:

“Proposals that may affect heritage assets should demonstrate, in order of preference:

a) that they will not compromise or harm elements which contribute to the significance of the heritage asset

b) how, if there is compromise or harm to a heritage asset, this will be minimised

c) how, where compromise or harm to a heritage asset cannot be minimised it will be mitigated against or;

d) the public benefits for proceeding with the proposal if it is not possible to minimise or mitigate compromise or harm to the heritage asset”

National Planning Policy Framework

- 3.2.7** The Government issued the revised National Planning Policy Framework (NPPF) in February 2019 (Ref. 5) and supporting Planning Practice Guidance in 2014 (Ref. 6). The National Planning Policy for “Conserving and enhancing the historic environment” is found in Section 16, paragraphs 184-202. The section is split into two main considerations “Proposals affecting heritage assets” and “Considering potential impacts”. The NPPF follows and supports the guidance set out in the NPS NN.

3.3 Local Policy

- 3.3.1** The Great Yarmouth Local Plan: Core Strategy was adopted in 2015 and sets out the overall planning strategy for the Borough until 2030 (Ref. 7). The Council’s approach to managing the historic environment is addressed in Policy CS10 – Safeguarding local heritage assets and in the Saved Policies from the 2001 Great Yarmouth Borough-Wide Local Plan - BNV2: Areas of archaeological significance and BNV8 Buildings of local importance.
- 3.3.2** The Great Yarmouth Borough Council Strategic Planning Team are currently preparing the Local Plan Part 2 that will eventually sit alongside the Local Plan: Core Strategy. This is currently in consultation and is anticipated to be adopted in Spring 2020. The Council’s proposed approach to the historic environment and heritage is contained in Policy E8-dp (Ref. 8).

4 Methodology and Sources

4.1 Desk Based Assessment

4.1.1 The assessment follows the format as set out in the Highway England Design Manual for Road and Bridges Volume 11 Section 3 Part 2 HA 208/07 Cultural Heritage (Ref. 9). The assessment has been carried out in accordance with the requirements of the NPS NN (Ref. 1), NPPF (Ref. 5) and to standards specified by the Chartered Institute for Archaeologists (Refs 10 and 11) and Historic England's Guidance on Setting (Ref. 12) and Preserving Archaeological Remains (Ref. 13).

4.1.2 In order to determine the full historic environment potential of the site, a broad range of standard documentary and cartographic sources, including results from any archaeological investigations, were examined. This included determination of the likely nature, extent, preservation and significance of any known or possible buried heritage assets that may be present within or adjacent to the Principal Application Site and the Satellite Application Sites.

4.1.3 The table below provides a summary of the key data sources.

Table 4.1: Summary of Data Sources

Source	Data	Comment
Historic England	National Heritage List (NHL) with information on statutorily designated heritage assets.	Statutory designations (scheduled monuments; statutorily listed buildings; registered parks and gardens; historic battlefields) can provide a significant constraint to development.
Norfolk County Council (NCC)	Historic Environment Record (HER) Conservation Area Consultation	Primary repository of archaeological information. Includes information from past investigations, local knowledge, find spots, and documentary and cartographic sources.
British Geological Survey (BGS)	Solid and drift geology digital map; online BGS geological borehole record data.	Subsurface deposition, including buried geology and topography, can provide an indication of potential for early human settlement, and potential depth of archaeological remains.
Norfolk Record Office	Historic maps (eg Tithe, enclosure, estate), published journals and local history	Baseline information on the historic environment

4.2 Study Area

4.2.1 The Study Areas which has been adopted for the assessment of cultural heritage features extends to:

- A 1 km buffer around the Principal Application Site for designated assets (World Heritage Sites, Scheduled Monuments, Listed Buildings, Registered Park and Gardens, Registered Battlefields and Conservation Areas) to identify any heritage assets in the wider landscape which could be impacted through a change in setting;
- A 500m buffer around the Principal Application Site for non-designated cultural heritage assets to obtain an appropriate level of information to assess the potential for below ground remains within the Principal Application Site; and
- A 250m buffer around the Satellite Application Sites to identify any above ground assets in the immediate vicinity which could be impacted through a change in setting, and to assess the potential for below ground remains Satellite Application Site.

4.3 Consultations

4.3.1 The scope of the assessment has been discussed with the Acting Historic Environment Team Leader at NCC in October 2018. Following this consultation, additional built heritage assets have been identified for assessment, consisting of:

- Potential Fish Wharf 1877 Extension Building (WSP01);
- The late 19th century terraces off Southtown Road (WSP03 to WSP06); and
- Former 19th century maltings (WSP02).

4.3.2 A draft of this report was provided to Acting Historic Environment Team Leader at NCC and Historic England in December 2018 and comments were invited. Written comments were provided and have been incorporated into the final report.

4.4 Site Visit

4.4.1 An initial site visit was undertaken on the 14th July 2017 and a second one was completed on the 31st August and 1st September 2018. The purpose of the visit was to assess the current character of the Principal Application Site, the topography, presence of visible heritage assets and identify which could affect the survival of known assets. The wider area was also visited to

assess the potential impact on cultural heritage assets outside of the proposed Principal Application Site. The site visits were extended to include the proposed locations of the VMS at the Satellite Application Sites.

- 4.4.2 The site visits were undertaken from Public Rights of Way only. This provided opportunity to assess the potential physical and visual impacts of the Scheme throughout the 1km Study Area. Access was limited on the east side of the River Yare in the Principal Application Site within the area of the operating port, however views were obtained from immediately outside and from the west side of the River Yare. There was no access to the interior of private residential properties within the Principal Application, however they were assessed externally.

4.5 Assessing Heritage Significance

- 4.5.1 'Significance' lies in the value of a heritage asset to this and future generations because of its heritage interest, which may be historic, archaeological, architectural or artistic. Known and potential heritage assets within the Application Sites and its vicinity have been identified from national and local designations, HER data and expert opinion. The determination of the significance of these assets is based on statutory designation and/or professional judgement against the following values referred to in the NPPF (Ref. 5) and DMRB (Ref. 9).
- **Historic Interest:** the ways in which the asset can illustrate the story of past events, people and aspects of life (illustrative value, or interest). This can hold communal value when associated with the identity of the current community. Historical interest considers whether the asset is the first, only, or best surviving example of an innovation of consequence, whether related to design, artistry, technology or social organisation. It also considers an asset's integrity (completeness), current use / original purpose, significance in place making, associative value with a notable person, event, or movement.
 - **Archaeological Interest:** the potential of the physical remains to yield evidence of past human activity and the interest in carrying out an expert investigation at some point in the future, and may apply to standing buildings or structures as well as buried remains. This includes above-ground structures and landscapes, earthworks and buried or submerged remains, palaeoenvironmental deposits, and takes into account date; rarity; state of preservation; diversity/complexity; contribution to published priorities (research value); supporting documentation; collective value and comparative potential, and sensitivity to change.
 - **Architectural and Artistic Interest:** derive from a contemporary appreciation of an asset's aesthetics. The former is associated with the art or science of design, construction, craftsmanship and decoration of

buildings and structures. The latter is derived from creative expression which might use, represent or influence historic places or buildings through art (contributing to their significance through their association with art), as well as the meaning, skill and emotional impact of works of art that are either part of heritage assets or assets in their own right.

- 4.5.2** These values encompass the criteria that Historic England are obliged to consider when statutorily designating heritage assets. There is no single defining criteria that dictates the overall asset significance; each asset has to be evaluated against the range of criteria listed above on a case by case basis. Unless the nature and exact extent of buried archaeological remains within any given area has been determined through prior investigation, significance is often uncertain.

4.6 Assessment Criteria

- 4.6.1** The importance/sensitivity of heritage asset will be assessed on a six-point scale, in adherence to DMRB (Ref. 9) Annexes 5, 6 and 7. The assessment of the importance/sensitivity of heritage assets will be based on professional judgment using experience of similar schemes and guided by the criteria set out in Table 4.2.

Table 4.2: Criteria to Assess the Value of Heritage Assets

Heritage Asset Description	Significance
<ul style="list-style-type: none"> World Heritage Sites 	Very High
<ul style="list-style-type: none"> Scheduled Monuments Grade I Listed buildings Grade II* Listed buildings Other listed buildings which can be shown to have exceptional qualities in their fabric or historical associations not adequately reflected in the listing grade. Conservation Areas containing buildings of great importance Undesignated structures of clear national importance. Undesignated below ground heritage assets of clear national importance 	High
<ul style="list-style-type: none"> Grade II Listed Buildings Historic (unlisted) buildings that can be shown to have exceptional qualities in their fabric or historical associations Conservation Areas containing buildings that contribute significantly to its historic character Historic Townscape or built-up areas with important historic integrity in their buildings, or built settings Known buried heritage assets of regional importance 	Medium
<ul style="list-style-type: none"> Locally Listed buildings Historic (unlisted) buildings of modest quality in their fabric or historical association. Historic Townscape or built-up areas of limited historic integrity in their buildings, or built settings Known buried heritage assets of local importance 	Low
<ul style="list-style-type: none"> Buildings of no architectural or historical note; buildings of intrusive character 	Negligible

Heritage Asset Description	Significance
<ul style="list-style-type: none"> Buildings with some hidden (i.e. inaccessible) potential for historical significance Unknown buried heritage assets 	Uncertain

4.6.2 The assessment of the magnitude of impact (i.e. change) is the identification of the degree of the effect of the Scheme on the heritage assets. There is no standard scale of comparison against which the severity of effects on heritage assets may be judged, because of the great variety of resources and assets. The assignment of a magnitude of impact is a matter of professional judgement (Table 4.3).

Table 4.3: Magnitude of Impact Criteria

Impact	Description
Major	<ul style="list-style-type: none"> Change to most or all key archaeological materials or key historic building elements, such that the resource is totally altered. Comprehensive changes to setting.
Moderate	<ul style="list-style-type: none"> Changes to many key archaeological materials or key historic building elements, such that the resource is clearly modified. Considerable changes to setting that affect the character of the asset.
Minor	<ul style="list-style-type: none"> Changes to key archaeological materials or key historic building elements, such that the asset is slightly altered. Slight changes to setting.
Negligible	Very minor changes to archaeological materials or historic building elements or setting.
No Change	No change.

4.6.3 The significance of effect on designated and non-designated heritage assets has been derived from a consideration of the sensitivity/value of the receptor and the magnitude of the impact upon it, as illustrated by the matrix presented in Table 4.4.

Table 4.4: Impact Vigilance

Magnitude of Impact						
		Major	Moderate	Minor	Negligible	No Change
Value	Very High	Very Large	Large/Very Large	Moderate / Large	Slight	Neutral
	High	Large/Very Large	Moderate / Large	Moderate / Slight	Slight	Neutral
	Medium	Moderate/ Large	Moderate	Slight	Neutral / Slight	Neutral
	Low	Slight / Moderate	Slight	Neutral / Slight	Neutral / Slight	Neutral
	Negligible	Slight	Neutral / Slight	Neutral / Slight	Neutral	Neutral
	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

4.7 Assessing the Contribution of Setting to the Significance of Heritage Assets

4.7.1 The definition of setting used here is taken from the NPPF (Ref. 5) and NPS NN footnote 96 (Ref. 1) as ‘the surroundings in which an asset is experienced. Its extent is not fixed and may change as the asset and its surrounding evolve. Elements of a setting may make a positive or negative contribution to the significance of an asset, may affect the ability to appreciate that significance or may be neutral’. Historic England’s guidance (Ref. 12) considers that the importance of setting lies in what it contributes to the significance of the heritage asset. This depends on a wide range of physical elements within, as well as perceptual and associational attributes pertaining to, the heritage asset’s surroundings.

4.7.2 Historic England discusses several other general considerations including: cumulative change; change over time; appreciating setting; buried assets and setting; designated settings; setting and urban design; and setting and economic and social viability and has provided a stepped approach to the assessment and importance of setting to heritage assets. The guidance has been used to adopt a stepped approach for settings assessment, which is summarised below and presented in detail in Annex B.

- Step 1: asset identification. The NPS NN and NPPF requires an approach that is proportional to the significance of the asset, and for this reason only the settings of the most sensitive (i.e. designated) heritage assets are considered in this assessment. A scoping exercise filters out

those assets which would be unaffected, typically where there are no views to/from the site.

- Step 2: assess the contribution of setting. This stage assesses how setting contributes to the overall significance of a designated asset.
- Step 3: assess change. This considers the effect of the proposals on asset significance due to a change in the setting. It is noted however that it can be difficult to quantify such change to the overall significance of a designated heritage asset (for example, significance would rarely be downgraded from 'high' to 'medium' due to changes in setting). For this reason, the impact is reported in this assessment in terms of the extent to which the proposals would change how the asset is understood and experienced (i.e. substantial harm, less than substantial harm).
- Step 4: mitigation. This explores the way to maximise enhancement and avoid or minimise harm. This is typically considered at the design stage (i.e. embedded design mitigation).
- Step 5: reporting. Making and documenting decisions and outcomes. This reports the assessment of effects.

4.7.3 Assessment of the contribution of the setting to the value and the asset and the sensitivity is based on a five-point scale: Very Substantial, Substantial, Moderate, Minor and Negligible. The assessment of the level of harm on the asset's setting is determined by the degree of change to the elements of the setting which positively contribute to the assets value.

4.8 Assessment of Harm

4.8.1 The NPS NN and NPPF outline the requirement to assess the magnitude of harm on the historic environment resulting from a development (see Section 3.2 above). Substantial harm to or loss of a Grade II Listed Building or a Grade II Registered Park or Garden should be exceptional. Substantial harm to or loss of designated assets of the highest significance, including World Heritage Sites, Scheduled Monuments, Grade I and II* Listed Buildings, Registered Battlefields, and grade I and II* Registered Parks and Gardens should be wholly exceptional.

4.8.2 Justification for any harm should be clear and convincing. Where any harm to the significance of a designated heritage asset would be less than substantial, the harm should be weighed against the public benefits of the proposal. Proposals involving substantial harm to (or total loss of) significance should be refused unless it can be demonstrated that the harm or loss is necessary to achieve substantial public benefit that outweighs that harm or loss.



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- 4.8.3** Guidance for the assessment for substantial harm is provided in National Planning Policy Guidance 2014 *Conserving and Enhancing the Historic Environment*. This states that the assessment of magnitude of harm is determined by the impact of the development on the value and significance of the heritage asset. The value of the asset is drawn from its architectural, historic, archaeological, and artistic interest, and also by the contribution of the asset's setting.
- 4.8.4** The assessment of the magnitude of harm is not dependent on overall value or importance of the heritage asset but reflects the magnitude of impacts on those elements which contribute to the asset's importance. The magnitude of harm is based on professional judgement but must take into account the policies set out in NPS NN and NPPF. An assessment of harm is expressed on a three-point scale: Minor Harm and Harm (both constitute "Less than Substantial Harm") and Substantial Harm. Further guidance for the assessment of harm due to a change in setting is provided in Annex B and in Table B.4.

4.9 Limitations and Assumptions

- 4.9.1** This assessment draws upon the records held on the National Heritage List for England (NHLE) and Norfolk Historic Environment Record (NHER¹). The data does not represent a full record of all surviving archaeological receptors, but a record of the discovery of a wide range of archaeological and historical components of the historic environment. The information held within it is not complete and does not preclude the subsequent discovery of further elements of the historic environment that are, at present, unknown.

¹ Historic Environment Data was provided digitally by the NHER in May 2018 to support the assessment work. This represents the full and unabridged data.

5 Historic Environment Baseline

5.1 Application Site Location

5.1.1 The Principal Application Site is located approximately 800m to the south of the town centre of Great Yarmouth (centred at NGR 652469 305894). The Scheme will extend eastwards from the A47, across the River Yare to the Southgate Road. The area on the west side of the River Yare is a mix of residential and commercial properties. The land on the east is an operating port.

5.1.2 The Scheme also the installation of variable message signs at six Satellite Application Sites at the following locations:

- A47 South (NGR 652017 305445);
- Gapton Hall Road (NGR 651519 306413);
- North Quay (NGR 652222 308150);
- Fuller Way (NGR 652289 307983);
- Acle New Road (NGR 651542 308848);
- Yarmouth Way (NGR 652502 307289).

5.2 Topography

5.2.1 The topography of the Principal Application Site is flat and low lying and varies in height from 0 m to 2 m Above Ordnance Datum (AOD). The topography of the Satellite Application Site is summarised below:

- A47 South: 0m AOD
- Gapton Hall Road: -1 m AOD
- North Quay: 2m AOD
- Fuller Way: 8 m AOD
- Acle New Road: - 1 m AOD
- Yarmouth Way: 4m AOD

5.3 Geology

Principal Application Site

- 5.3.1** A full description of the geology of the Principal Application Site is described and presented in Wessex Archaeology 2018 borehole log review and deposit modelling report (Ref. 14). The following is a summary of that information.
- 5.3.2** The Principal Application Site is situated on bedrock geology of the Crag Group - Sand and Gravel. This is a sedimentary bedrock that formed approximately 5 million years ago in the Quaternary and Neogene periods. The local environment was previously dominated by shallow seas. These rocks were formed in shallow seas with mainly siliciclastic sediments (comprising of fragments or clasts of silicate minerals) deposited as mud, silt, sand and gravel.
- 5.3.3** The Principal Application Site contains multiple superficial geological deposits. Deposits on the eastern bank of the River Yare consist of clays and silts of the Breydon Formation and sands and gravels of the North Denes Formation. The eastern bank has deposits of sand of the Happisburgh Glacigenic Formation, peat of the Breydon Formation and clays and silts, also of the Breydon Formation. The River Yare itself flows over deposits of clay and silt (Ref. 15).

Satellite Application Sites

- 5.3.4** The underlying solid geology at the Satellite Application Sites is the Crag Group - Sand and Gravel. The superficial deposits sealing the solid geology varies across the Satellite Application Sites. At the A47 South, it is overlaid by Breydon Formation – Peats and at Gapton Hall Road and Acle New by Breydon Formation Clay and Silts. At Fuller Way and Yarmouth Way, the superficial deposits are recorded as Blown Sand, and at North Quay as North Denes Formation – Sand and Gravel (Ref. 15).

5.4 Overview Heritage Assets

Historic Environment Gazetteer

- 5.4.1** A gazetteer of all heritage assets within the Study Area is presented in Annex A. The gazetteer includes the asset name, its designation, a description of the asset and the location. It also presents the value of the asset, a summary of the potential impacts and effects as a result of the Scheme, and highlights those where further archaeological mitigation is required.
- 5.4.2** The contents of the gazetteer have been drawn from the Historic England's NHLE (pre-fixed by NHLE) and from NHER (pre-fixed by NHER). It also



includes heritage assets identified during the preparation of this report (pre-fixed by WSP).

Designated Heritage Assets

- 5.4.3 No World Heritage Sites, Registered Battlefields, Registered Parks or Gardens or Protected Wreck sites have been identified within 1km of the Principal Application Site or 250m of the Satellite Application Sites.

Principal Application Site

- 5.4.4 The Grade II listed Dolphin Public House (NHLE 1096829), an early 20th century building, is located adjacent to the Principal Application Site. The Scheme would therefore have no direct physical impacts Dolphin Public House.

- 5.4.5 Designated heritage assets in the wider (1km) Study Area consist of:

- Four Scheduled Monuments:
 - Town Walls (NHLE 1003782);
 - Nos 6, 7, and 8, Row 111 South Quay (NHLE 1003958, and also Grade II Listed Building NHLE 1245916);
 - Merchant's House, Row 117, South Quay (NHLE 1004020, see also Grade II* below); and
 - Greyfriars Franciscan Friary (NHLE 1017910).
- Four Grade I Listed Buildings:
 - The Tollhouse (NHLE 1245560);
 - Remains of the Church of the Greyfriars (NHLE 1245915);
 - St Georges Theatre (NHLE 1245919); and
 - Nelson's Monument (NHLE 1246057).
- Eight Grade II* Listed Buildings:
 - Great Yarmouth Potteries (NHLE 1245561);
 - Custom House (NHLE 1245800);
 - 25, South Quay (NHLE 1245803);
 - Old Merchant House (NHLE 1245917, see also Scheduled Monument above);
 - The Hippodrome (NHLE 1245922);
 - St Nicholas Hospital Main Entrance Range (NHLE 1245984);
 - Old White Lion Public House (NHLE 1271278); and



-
- The Winter Gardens (NHLE 1271608).
 - 102 Grade II Listed Buildings, including:
 - Hotels and Public Houses;
 - Residential properties;
 - Churches;
 - Public and Leisure facilities; and
 - Industrial buildings.
 - Six Conservation Areas:
 - Camperdown;
 - Gorleston Extension;
 - King Street;
 - Seafront;
 - Hall Quay and South Quay; and
 - St George's.

Satellite Application Sites

- 5.4.6 There are no designated heritage assets located within the Satellite Application Sites and none are located within a 250m of the Satellite Application Sites on A47 South, Gapton Hall Road and Acle New Road.
- 5.4.7 There are 25 designated heritage assets within 250m of the of the Satellite Application Sites on North Quay. They comprise:
- One Scheduled Monument:
 - Medieval Town Walls (NHLE 1003782).
 - One Grade I Listed Building:
 - St Nicholas (priory) Middle School (NHLE 1245978).
 - Two Grade II* Listed Building:
 - Vicarage (NHLE 1096809); and
 - Church of St Nicholas (NHLE 1096813).
 - 21 Grade II Listed Buildings
- 5.4.8 There are 37 designated heritage assets within 250m of the of the Satellite Application Sites on Fuller's Way. They comprise:



- One Scheduled Monument:
 - Medieval Town Walls (NHLE 1003782).
- Two Grade I Listed Building:
 - Fishermens Hospital Including Gate Piers and Railings (NHLE 1096820); and
 - St Nicholas (priory) Middle School (NHLE 1245978).
- Two Grade II* Listed Building:
 - Vicarage (NHLE 1096809); and
 - Church of St Nicholas (NHLE 1096813).
- 32 Grade II Listed Buildings.

5.4.9 There are 80 designated heritage assets within 250m of the of the Satellite Application Sites on Yarmouth Way. They comprise:

- Three Scheduled Monuments
 - Medieval Town Walls (NHLE 1003782);
 - Greyfriars Franciscan Friary (NHLE 1017910); and
 - Nos 6, 7 and 8 and Row 111, South Quay (NHLE 1003958).
- Four Grade I Listed Building:
 - The Tolhouse (NHLE 1245560);
 - Remains of The Church of The Greyfriars (NHLE 1245915);
 - St Georges Theatre (NHLE 1245919); and
 - 4, South Quay (NHLE 1271611).
- Five Grade II* Listed Building:
 - Custom House (NHLE 1245800);
 - Old Merchants House (NHLE 1245917);
 - 25, South Quay (NHLE 1245803);
 - Town Hall (NHLE 1246969); and
 - Old White Lion Public House (NHLE 1271278).
- 68 Grade II Listed Buildings

5.4.10 The Satellite Application Sites on North Quay and Fuller Way are located in the St Nicholas and Northgate Conservation Area. The Satellite Application on Yarmouth Way lies between the King Street and the Hall Quay South Quay Conservation Areas.

Non-designated Heritage Assets

Principal Application Site

- 5.4.11** There are 122 non-designated heritage assets recorded on the NHER in the 500m study area (see Figure 2). The vast majority of these assets in the Study Area represent World War II structures, camps and bomb crater sites, with the remaining sites comprising finds and structures which reflect the important Naval and shipping history of the town. The majority of the remaining recorded assets date to the post medieval period. Within the wider study there is evidence of buried urban and riverfront remains dating to the Medieval period, as well as a single find-spot of a Neolithic scraper (HER 12936).
- 5.4.12** The assessment has identified fifteen additional non-designated heritage assets within and immediately around the Principal Application Site based on an assessment of historic mapping and completion of the site walkover. On the east side of the scheme they relate to the historic Fish Wharf area (WSP01, WSP09 and WSP10), while on the east they are 19th century residential properties (WSP03 to WSP08, WSP11 to WSP13, WSP15), a former Maltings building (WSP02) and the site of early 20th century timber yard and saw mill (WSP14).
- 5.4.13** A total of 17 non-designated heritage assets (below and above ground) lie within the Proposed Scheme:
- Site of late 19th century icehouse and three salt stores (HER 55685);
 - Site of late 19th century Fish Wharf (WSP10);
 - Site of wharf side buildings (WSP09);
 - The Site of three buildings on west side of Southtown Road (WSP11, WSP12 and WSP13);
 - Site of Marsh House (WSP15);
 - The Route of Norfolk and Suffolk Joint Railway (HER 13575);
 - Routes of Great Yarmouth urban railways (HER 13576);
 - Site of a 20th century timber yard and saw mill (WSP15);
 - Site of World War II defences (HER 27697);
 - Site of World War II craters (HER 27700, 43589, and 43741);
 - Site of World War II anti invasion defences at Southtown (HER 42355 and 42353); and
 - Site of World War II road blocks (HER 43304).

Satellite Application Sites

5.4.14 There are 111 non-designated assets within 250m of the Satellite Application Sites. Six non-designated heritage assets are located within the Satellite Application Sites or immediately adjacent to them. They comprise:

- A47 South:
 - World War II Light Anti-Aircraft Battery (HER 19084).
- North Quay:
 - Post-medieval fish curing buildings (NHER 55641); and
 - Medieval to post-medieval houses (NHER 13371).
- Fullers Way:
 - Post-Medieval wells and an oven (NHER 4278).
- Acle New Road:
 - World War II crater (NHER 27628); and
 - World War II road block (NHER 27630).

5.5 Archaeological and Historical Background

Introduction

5.5.1 The archaeological and historic background is based on a review of the data provided by the NHER, information held by the Norfolk Archives and from a review of secondary sources. It is focussed on the Principal Application Site as this represents the main area of potential impact on the historic environment. A description of the archaeological remains recorded in the Satellite Application Sites and the 250m Study Area is provided in Section 5.5.29 to 5.5.42 below.

Prehistoric Period (800,000 BC–AD 43) and Roman (ad43 – 410)

5.5.2 A deposit model for soils in Great Yarmouth has been created by the Great Yarmouth Archaeological Map project using data from 142 boreholes which were drilled by the Norfolk County Laboratory. The model shows that the area where Great Yarmouth now stands started out as the mouth of a large estuary. Since the last Ice Age, a south bound current has laid a spit of sand across the north of the estuary, from the north end to the south. The sand spit blocked off the estuary, leading to the formation of the peat in the Broads. The sand spit was breached by the sea, and left as either a low tidal island or a shoal until about 1300 years ago, gradually rising to become permanently dry.



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- 5.5.3** Evidence for human activity dating to the Palaeolithic period has been recorded along the Norfolk coast line. Dredging activity off the coast at Great Yarmouth has recovered numerous objects from the Palaeolithic, including handaxes and mammoth teeth (NHER 51516) and a flint handaxe was found in Caister on Sea in 1993, approximately 6km north of the Principal Application Site (NHER 30179).
- 5.5.4** The Mesolithic landscape saw the gradual rise in temperatures and an increase in woodlands. The landscape was populated by transient hunter-gather groups, and evidence for their presence in the archaeological record is represented by flint finds. The Neolithic and Bronze Age periods saw the gradual reduction in the woodlands, following the introduction of farming and increase in permanent settlement sites. The Neolithic and Bronze Age is also characterised by the use of funerary monuments, such as barrows, however the Iron Age saw a decline in their use. The Iron Age saw the continued rise of permanent settlement sites, and by the end of this period England was divided into different a series of different territories, with Great Yarmouth lying in the territory held by the Iceni.
- 5.5.5** After the Roman invasion of *Britannia* in AD43, the Iceni were initially allowed to maintain control of their territory. Following the uprising led by Boudicca in AD 61, however, the kingdom was annexed and the area brought under Roman control. An administrative centre to control this territory was established at Caistor St Edmund (*Venta Icenorum*), approximately 30km west of Great Yarmouth, to the south of Norwich.
- 5.5.6** There is very little evidence for settlement activity around the Principal Application Site in this period. The only evidence currently for prehistoric activity in Great Yarmouth is provided by a single find of a Neolithic scraper (NHER 12936), recovered at the junction of Boundary Road and Suffolk Road, adjacent to the Principal Application Site.

Medieval (AD 410-1540)

- 5.5.7** The inclusion of Great Yarmouth (then known just as Yarmouth) in the Domesday Book of 1086 indicates the presence of a settlement here prior to the Norman conquest. Excavations have identified Fuller's Hill, located approximately 2km north of the Principal Application Site, as the likely location of the later Saxon settlement (e.g. NHER 32585).
- 5.5.8** The Domesday Book records that Yarmouth formed part of the manor of Gorleston and prior to the 1066 was held by Earl Gryth, a prominent land owner in both Norfolk and Suffolk in the late Anglo-Saxon period. Yarmouth also had a Church, held by Bishop Almer. Following the Norman Conquest, the manor passed to the King, and it is described as having 70 burgesses and 24 fishermen.

5.5.9 In 1208, Great Yarmouth received its town charter and the settlement expanded rapidly. The economy of the town was driven by fishing, and by the end of the 13th century, three ecclesiastical centres had been established within the town, including the Dominican or Blackfriars Friary, located approximately 450m north of the Principal Application Site (NHER 4266). The extent of the medieval town is represented by the well-preserved remains of the defence walls (NHLE 1003782) which is designated as a Scheduled Monument. Construction of the walls began in the late 13th century, although they have been subjected to periodic remodelling, including during the refortification of the town in the 17th century during the Civil War.



Plate 5.1: Surviving Section of Town Walls Scheduled Monument (NHLE 1003782)

5.5.10 The Principal Application Site is located approximately 450m south of the medieval town, and the construction of the walls in the 13th century meant that the town remained contained within the limits of the walls throughout the period. There are, therefore, few medieval remains recorded within the Study Area relating to the town. However, just outside the 500m study area, within the medieval walled town area, the remains of boats have been found on a buried shoreline at around 3m below the current ground level. An old landing place was also recorded below the Town Hall site in 1887. This suggests that buried medieval deposits may survive deep below the current ground level on either side of the River Yare within the study area.

- 5.5.11** Settlement was not just limited to the walled town in the medieval period. A settlement known as Southtown was established at some point in the medieval period, on the western side of the River Yare (Ref. 16). Approximately 250m to the south of the Principal Application Site are the remains of the house of the Austin Friars comprising a church, priory and leper hospital located on Burnt Lane (NHER 60531). This friary was founded in the 13th century, although the earliest known buildings date to the 15th century. Much of the priory has now been destroyed, although the west gate is recorded to have still been standing up to the beginning of the last century. Remains from the structures have been recovered from the surrounding area, and some of the building materials have been re-used.
- 5.5.12** In 2013, a watching brief revealed beam slots and post holes associated with a late medieval timber-framed building located on Burnt Lane (NHER 60518). Finds recovered from these features included late medieval brick, roof tile and wall plaster that could be high status.
- 5.5.13** Further evidence for activity outside of Great Yarmouth is also provided by the discovery of pottery sherd during a pipeline work, approximately 300m to the north (NHER 21361).
- 5.5.14** By the early 14th century, Great Yarmouth and the surrounding area was thriving economically, driven largely by the port and the fishing industry. A combination of adverse climate change and the Black Death in the later 14th century resulted in rapid fall in the population living in Great Yarmouth. The decline continued into the 15th century with the dissolution of the monasteries and increased competition from the Netherlands on the fishing industry. The remaining population also struggled to manage the harbours, meaning that access to them was limited.

Post-Medieval Period (AD 1540 – 1900)

- 5.5.15** The settlement of Great Yarmouth underwent a period of significant redevelopment in the 16th century, with the creation of a new harbour and the creation of many new domestic dwellings within the town. Outside of walled town, Southtown had become part of the parish of Gorleston in the early 16th century, and the church and administration of the parish was based in the settlement of Gorleston. In mid-17th century, proposals were presented to incorporate Southtown into Great Yarmouth, and a description of the settlement taken at the time describes it as *“convenient for merchants of all sorts, coopers, fishermen, ship-carpenters, firkin makers, ship-chandlers, sail makers, curers of red herrings, curers of white herring, coal and wood mongers, pulley makers, cable makers, smiths or any other trades, which do particularly belong to navigation”* (Ref. 16).
- 5.5.16** Southtown was eventually taken into the Borough of Great Yarmouth in 1681, and Southtown Road, which runs along the west side of the River



Yare to Gorleston, through the Principal Application Site, was turnpiked in 1775. The first houses were built along Southtown Road soon after. The first shipbuilding yard is recorded in Southtown in 1782, and grew to be an important part of the local economy in the 18th and 19th centuries. The settlement at this time was focussed around the Haven Bridge crossing, approximately 1km to the north of the Principal Application Site (Ref. 16).

- 5.5.17** The east side of the Principal Application Site lay in the area known as South Denes, which was occupied by a Naval base up until the mid-18th century. The early 19th century mapping shows the spit of land to the east of the river south of Great Yarmouth as forming the naval base, with a number of military structures along the coastline, including the site of the South Star Battery (NHER 4238) approximately 250m to the east of the Principal Application Site. Other elements in the Study Area associated with the Naval base are the Grade I Listed Nelsons Monument (NHLE 1246057), also known as the Norfolk Pillar, and the Grade II* and Grade II buildings forming St Nicholas Hospital, located 350m north-west (Main Entrance Range (NHLE 1245984) Main Block (NHLE 1245983), walls and railings (NHLE 1245986) and South Block (NHLE 1245985)). The Naval hospital was built for casualties from the North Sea squadron in the Napoleonic War, with the entrance range comprising guard rooms, an archway and service rooms. The main block became a naval barracks in 1818 and subsequently a general hospital.
- 5.5.18** The majority of the assets in the non-designated Study Area relate to the post-medieval period, primarily the late 18th to 19th century, and include villas and a lodge, both mileposts and boundary posts and two churches. There are also industrial areas with railways, a coal power station, gas works, potteries, fish curing works, workshop ranges, utility blocks and a rope walk. The early 19th century mapping suggests that the Principal Application Site lay outside the main areas of settlement of Southtown and Great Yarmouth. The earliest plans examined date to 1818 (Figure 5.2) and 1850 (Figure 5.3) and show three buildings on the west side of Southtown Road (WSP11, WSP12 and WSP13). No features are shown on the east side of the Principal Application Site, although the location of the Naval hospital and Battery are shown.

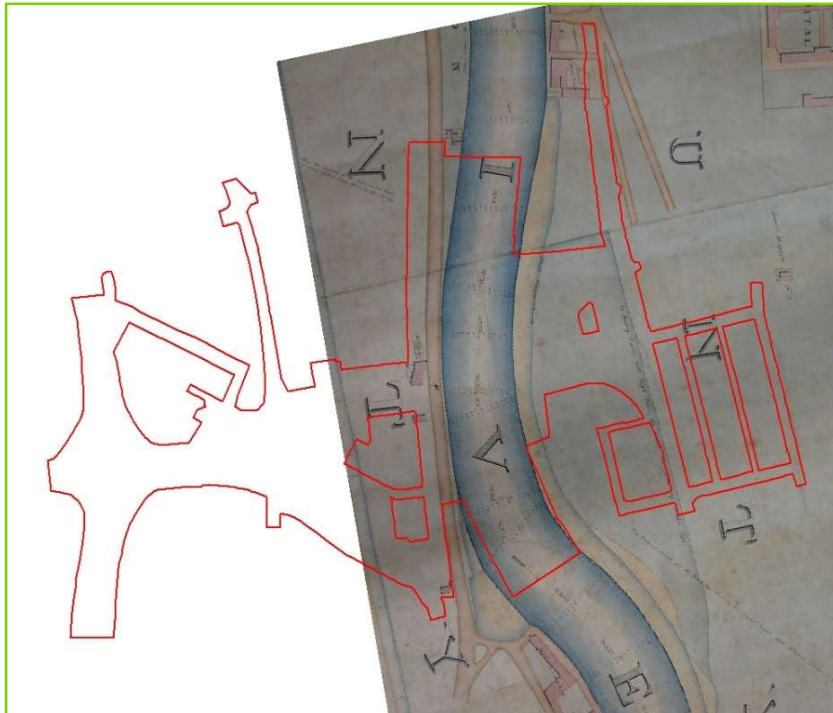


Plate 5.2: Extract of Plan of Great Yarmouth, 1818

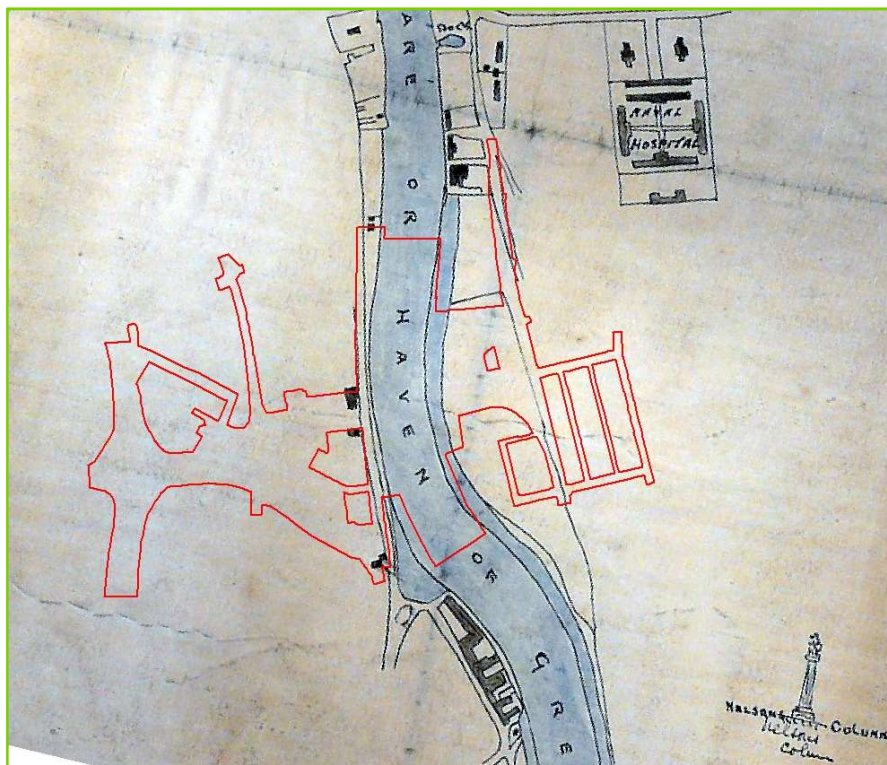


Plate 5.3: Extract from a Plan of Great Yarmouth, c. 1850

5.5.19 Proposals to develop the east side of the Principal Application Site as Fish Wharf (WSP10) began in the mid-19th century and a plan held by the Norfolk Archives from 1866 show how the area was to be set out (Plate 5.4). This included three covered markets structures along the river side. To the east of the markets, ran the urban tramway (NHER 13576), and then a set of areas earmarked for “*swills and packages*”. The northern plot is marked as “*site of Refreshment Room*”, which later was occupied by the Dolphin Public House (NHLE 1096829). East of these, the land was divided into 39 plots to be let as fishing trade premises.

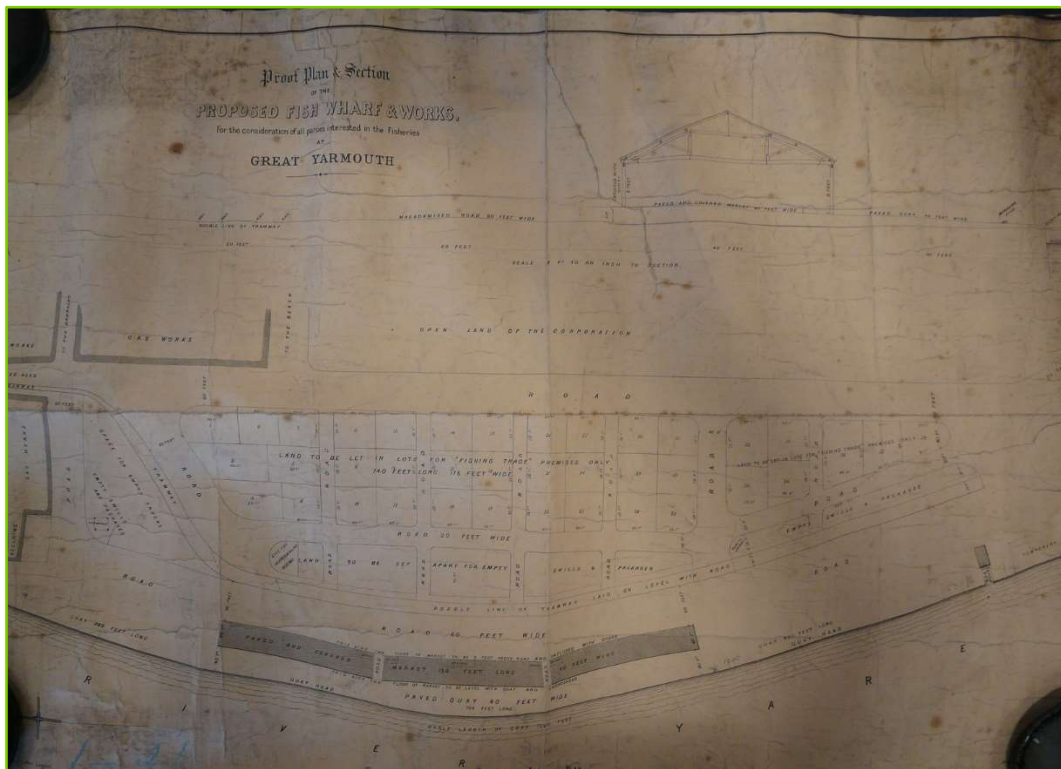


Plate 5.4: Proof Plan and Section of the Proposed Fish Wharf and Works 1866
(Norfolk Archives Ref. Y/PH 1200)



Plate 5.5: Early 20th Century Image of the Fish Wharfs (Ref. 17)

5.5.20 The wharf proved to be a successful development and the main species of fish caught and traded in the wharf was herring (Ref. 17). Possibly as a result of the quick success of the market here, proposals were soon made for an extension of the site, with the addition of another building along the river side, as shown on a plan from 1877 (Plate 5.6). The extension building appears on the 20th century mapping and the position relates to a building which is still extant (WSP01).

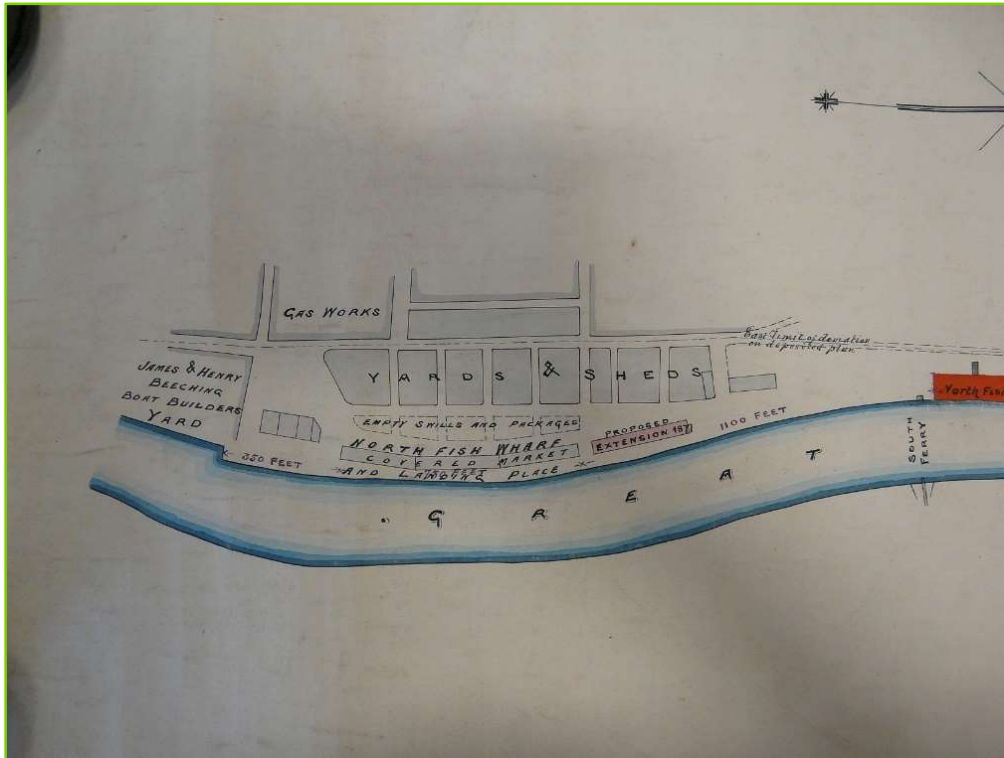


Plate 5.6: Teasdel's Plan of the Proposed Extension at Fish Wharfs, 1877 (Norfolk Archive Ref. Y/PH 1255)

5.5.21 The latter half the 19th century also saw the encroachment of development down Southtown Road (Figure 5.7). On the west side, terraced housing (Brighton Terrace) has been built along Southtown Road, within the Principal Application Site (WSP06). The terraced housing along Southtown Road have a date stone of 1873. Most of the western side of the Principal Application Site occupies fields which are criss-crossed by drainage channels. The map also shows the route of a tramway running north-south along Southtown Road. The site of Marsh House is located at the north-west end of the Principal Application Site (WSP14). Other key features of note on the 1883 map are the Icehouses (NHER 55685), located within the eastern side of the Principal Application Site, and the Gas Works site, located adjacent to the eastern boundary of the Principal Application Site.



Plate 5.7: 1883 Ordnance Survey Map



Plate 5.8: View South Down Southtown Road

Modern Period (Post-1901 Onwards)

- 5.5.22** In the early 20th century, the fishing and maritime industry remained an important part of the local economy, however the development of the railway in the later 19th century, which provided improved access the coastline, resulted in the rapid growth of the town as a seaside resort. The early years of the 1900s saw the opening of a number of seafront buildings to provide entertainment to visitors, including the Hippodrome, a revolving tower, cinema, zoo, amusements and the Grade II Wooden Scenic Railway (NHLE 1436976). A 2.5km length of the historic seafront is now designated as a Conservation Area, and the southern boundary is located approximately 500m north-west of the Principal Application Site.
- 5.5.23** The 1906 Ordnance Survey Plan shows the extension has been completed on the Fish Wharfs (WSP01), and the redevelopment of the Gas Works site (Figure 6). The Dolphin Public House (NHLE 1096829) has also been built. The map also shows the continued development within the South Denes area, to the south and east of the Principal Application Site. This includes the site of a Coal Fired Power Station (NHER 55412), to the east of Fish Wharf, which was built in 1894 and remained in use until the late 1950s.
- 5.5.24** To the west, a row of terraced houses (WSP04) and a single detached building (WSP05) have been built on the southside of St Anne's Road (WSP04), while a further set of terraces have been built on the west side of Southtown Road (WSP03). The Midland and Great Northern Joint Railway line (NHER 13581) has opened by this date, and the route of it traverses through the eastern end of the Principal Application Site (now the route of the A47). Much of the Principal Application Site to the west at this time is still open, undeveloped land.



Plate 5.9: Extract from the 1906 Ordnance Survey Map

5.5.25 The 1926 Ordnance Survey Map shows no visible changes within the Principal Application Site boundary. On the east side, the Gas Works have been redeveloped and the Grade II Listed Gas Tower (NHLE 1096789) has been built. The South Denes continues to be developed and there is a mix of residential and industrial buildings shown on the east side of the River Yare.

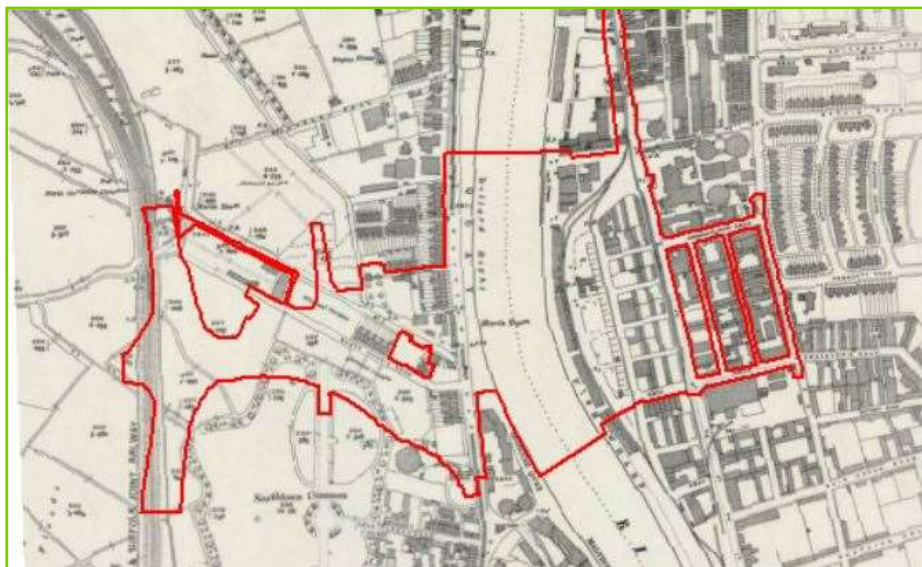


Plate 5.10: Extract from the 1926 Ordnance Survey Map

- 5.5.26** The strategic importance of Great Yarmouth as a port made it a target during World War II and the town suffered extensive bombing by the Luftwaffe. It also suffered as it was the last significant place the German bombers could drop bombs before returning home. The Study Area contains many records of World War II features, including air raid shelters (e. g. NHER 27373, 27375, 27602, 27375, 27387, 27347, 27319, 27679, 27676, 27674, 27673, 27671, 27669, 27695, 27694, 27693 and 43617), anti-aircraft battery (NHER 19084 and 32655), sea front defences (NHER 27645 and 27658), pillboxes (NHER 27364, 32661 and 32661), road blocks (NHER 43304, 27678, 27677, 27675 and 27670), fuel store (NHER 27639), barrage balloon sites (NHER 27363, 27363), and spigot mortar emplacement (NHER 43303). Within the Principal Application Site, there is evidence from aerial photographs for defences within the Fish Wharf in the form of barn wire fencing (NHER 27967) and anti-invasion defences at Southtown in the form of roadblocks (NHER 42353, 42355 and 43304). Most of these features recorded on the NHER have since been demolished, with modern development having removed all trace. The NHER also records the locations on bomb craters, three of which are located within the Principal Application Site (NHER 27700, 43589 and 43741).
- 5.5.27** The 1946 Ordnance Map (Figure 5.11) shows few visible changes within the Principal Application Site. Marsh House has been demolished (WSP14) and allotment gardens have been established to the west of Southtown Road. To the east, development southwards along South Denes has continued.

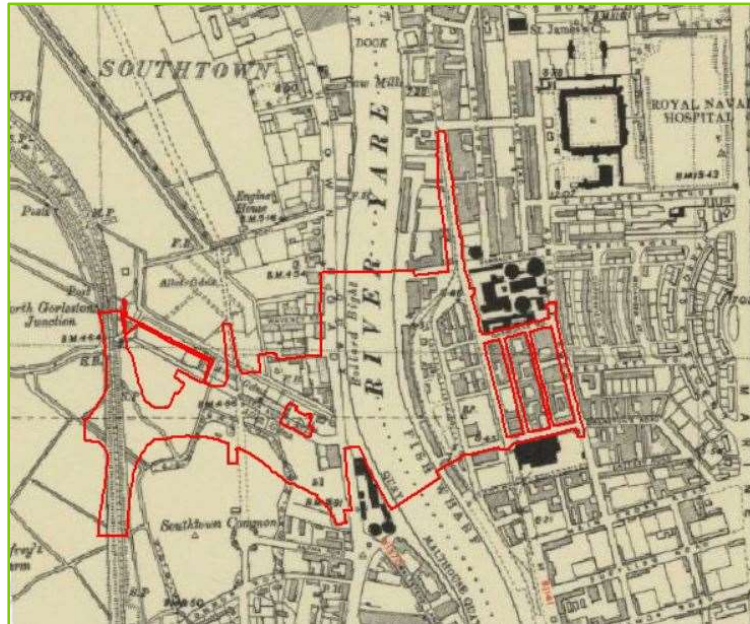


Plate 5.11: Extract from the 1946 Ordnance Survey Map

- 5.5.28** During the later 20th century, the Fish Wharfs underwent redevelopment and the majority of the buildings established here from the later 19th century have been removed. Surviving elements include the Dolphin Public House (NHLE 1096829) and the 1877 extension (WSP01). On the west side, the main developments have been the infilling of open areas with domestic, commercial and industrial buildings, the closure of the Midland and Great Northern Joint Railway line (NHER 13581) and the building of the A47, William Adams Way and the roundabout junction.

Satellite Application Sites

Introduction

- 5.5.29** A summary of the heritage assets located within the 250m study area of the Six Satellite Application Sites for proposed VMS locations is presented below. They are discussed below by area and the key heritage assets are identified.

A47 South

- 5.5.30** One non-designated heritage asset lies within the Satellite Application Site on the A47 South. This is a World War II Light Anti-Aircraft Battery (HER 19084). Further World War II sites are located around the VMS and include four air raid shelters between 200m and 250m to the east (NHER 43597, 43595 4359 and 43300), an emergency water supply tank 200m to the east (NHER 43312), a pillbox site immediately to the west (NHER 19949), a road block approximately 130m south-west (NHER 27570) and a bomb crater approximately 60m north (HER 27663).



- 5.5.31 No designated heritage assets lie within 250m of the Satellite Application Site on the A47 South.

Gapton Hall Road

- 5.5.32 Non-designated assets identified around the Satellite Application Site on Gapton Hall Road comprise of the site of 19th century drainage mill, located 175m south-west (NHER 34996), probable post-medieval drains 140m south-west and 20m west (NHER 43474 and 43475), the route of the East Suffolk Railway 30m east (NHER 13574) and Midland and Great Northern Joint Railway 100m north-east (NHER 13581) and five World War II sites (railway block (NHER 42519), pill box (NHER 32662) structure (NHER 42531), and a bomb crater 175m north (NHER 43470)).

- 5.5.33 No designated heritage assets are recorded within the Satellite Application Site on Gapton Hall Road.

North Quay

- 5.5.34 The Satellite Application Site on North Quay is within the St Nicholas and Northgate Street Conservation Area. Immediately to the north is the Scheduled Monument medieval Town Walls (NHLE 1003782). One Grade I, two Grade II* and 21 Grade II Listed Buildings lie within the 250m area to the south-east of the Satellite Application Site.

- 5.5.35 One buried non-designated heritage asset is located within Satellite Application Site on North Quay: post-medieval fish curing buildings (NHER 55641). The complex of small houses was demolished between 1945 and 1978. A number of the buildings were surveyed before demolition in the early 1970s. The site of a medieval to post-medieval houses is located adjacent to the Satellite Application Site (NHER 13371).

- 5.5.36 A further 37 non-designated heritage assets located within a 250m Study Area and include the site of Late Saxon settlement at Fuller's Hill, approximately 150m south (NHER 1032, 32585) and the potential site of a Leper Hospital, approximately 150m north (NHER 28934). The remainder relate to medieval and post-medieval occupation and World War Two and Cold War civil defences.

Fuller Way

- 5.5.37 The Satellite Application Site on Fullers Way lies within the St Nicholas and Northgate Street Conservation Area. The Scheduled Monument medieval Town Walls (NHLE 1003782) are located approximately 150m from the Satellite Application Site. Two Grade I, two Grade II* and 32 Grade II Listed Buildings lie within the 250m area around the Satellite Application Site.

- 5.5.38** 41 non-designated assets are recorded in the 250m Study Area. One is located within the Principal Application Site, at the west end, and comprises Post-Medieval wells and an oven (NHER 4278). The Fullers Hill area is the location of the early medieval settlement and remains dating from the late Saxon have been recovered immediately to the south (NHER 1032, NHER 32585 and NHER 4369). The area is contained within the medieval Town Walls and evidence for medieval and Post-Medieval occupation is recorded throughout the Study Area (e.g. NHER 4277, NHER 4279, NHER 13371 and NHER 4315). The site of a Carmelite Friary lies approximately 250m to the south and the site of St. Mary's Hospital is 250m to the east. Other assets recorded include the route of the of the Great Yarmouth Urban railways (NHER 13576) and assets relating to World War II defences (e.g. NHER 27441, 27442 and 27443).

Acle New Road

- 5.5.39** Two non-designated heritage assets are located within the Satellite Application Site on Acle New Road: World War II crater (NHER 27628) and a World War II road block (NHER 27630). A further 10 are recorded within the 250m Study Area and comprise the medieval route way known as Paddys Locke, approximately 200m to the north (NHER 4324), a find spot of medieval pottery approximately 200m to the west (HER 34044), the site of a post-medieval sheep fold approximately 250m to the north (HER 43692), Acle Straight Toll Road to the south (NHER 59972), the route of the Norfolk Railway approximately 75m south (NHER 13571) and five World War Two sites (NHER 27625, NHER 27626, NHER 27629, NHER 27627 and 27631).
- 5.5.40** No designated heritage assets are located within the 250m study area.

Yarmouth Way

- 5.5.41** The Satellite Application Site on Yarmouth Way lies between the King Street and the Hall Quay South Quay Conservation Areas. There are three Scheduled Monuments located in proximity: Medieval Town Walls (NHLE 1003782); Greyfriars Franciscan Friary (1017910); and Nos 6, 7 and 8 and Row 111, South Quay (NHLE 1003958)). Four Grade I, five Grade II* and 68 Grade II Listed buildings lie within the 250m area around the Satellite Application Site.
- 5.5.42** There are 35 non-designated assets within 250m of the Satellite Application Site on Yarmouth Way. The earliest in date is a find spot of Late Iron/Roman date approximately 200m to the north (HER 60006). The remains of a possible Viking Ship are recorded approximately 250m to the south-east (HER 4325). There are several records relating to the medieval occupation here, including the site of Greyfriars approximately 50m to the north-west (HER 4297) and the site of Great Yarmouth Castle approximately 65m north-east. There are numerous find spots of artefacts medieval date and post-

medieval throughout the 250m Study Area (e.g. HER 4311, HER 30340, HER 4280 and HER 4320). Twelve of the non-designated assets are related to World War Two defences (NHER 27361, NHER 27367, NHER 27366, NHER 27368, NHER 27372, NHER 27531, NHER 27532, NHER 27432, NHER 27589, NHER 27530, NHER 54922 and NHER 54932).

5.6 Historic Landscape

- 5.6.1 There are no designated landscapes within the Principal Application Site. The Satellite Application Sites on North Quay and Fuller Way are located in the St Nicholas and Northgate Conservation Area.
- 5.6.2 Detailed mapping of the Historic Landscape Characterisation (HLC) has been completed for the surrounding area, however does not extend into the Principal or Satellite Application Sites.
- 5.6.3 HLC has been completed for some areas as part of the NCC HER Character Area Report. The study area falls across two different character types, with a linear strip of Coastal - Managed Wetland to the east of the study area. This land was previously Unimproved Intertidal land. There are also small blocks of Coastal - Drained Enclosure to the west, which were previously Coastal - Managed Wetland, Unimproved Marine Marsh or Brackish Fen (Ref. 18).
- 5.6.4 The historic landscape of the study area is dominated by the late 19th and 20th century residential, industrial and commercial townscape, with the largely modern riverfront and harbour. The beach front is very strongly differentiated from the surrounding townscape with its 19th and 20th century leisure and tourist-focused landscape. These combined landscape types illustrate the evolution of Great Yarmouth in the recent past but are not readily indicative of the medieval or early post medieval history of the town. There are some indications of the earlier history of the settlement preserved in the street layout in the northern parts of town around Market Street.
- 5.6.5 The value of the historic landscape is judged to be low to negligible, the magnitude of the effect of the Scheme is considered to be minor and is therefore scoped out for further assessment.

5.7 Factors Affecting Survival

Introduction

- 5.7.1 Past ground disturbance in the Application Site may have compromised archaeological survival, e.g., building foundations or quarrying, identified primarily from historic maps, site walkover survey, and information on the likely depth of deposits.

Predicted Level of Archaeology

Principal Application Site

- 5.7.2 Based on the information provided from a review of the NHER data and the available mapping, the level of significant archaeological remains at a shallow level (up to 2m deep) is predicted to be low.
- 5.7.3 There is the potential for deeply stratified deposits, which could contain archaeological remains, to be present. This could include waterlogged deposits which have the potential to preserve artefacts which usually degrade in the ground, such as wooden items and materials. This could include features associated with the former marine activity, such as the remains of quays, wharfs, or vessels.
- 5.7.4 A deposit model has been established based on an assessment of 14 boreholes (Ref. 14). The deposit model captures the stratigraphy within 50 m of the present ground level which includes the full depth potentially impacted by pile foundations associated with the bridge structure.
- 5.7.5 Bedrock is expected to be reached at depths greater than 40 m below OD but Crag Group is the dominant geology at depth across the site, with the top of Crag Group deposits present at elevations between -7 and -12 m OD.
- 5.7.6 Within the River Yare channel, Crag is present at, or within 1 m of the river bed. Elsewhere, along the margins of the River Yare, Crag is overlain by up to 15 m of Pleistocene and/or Holocene sediments.
- 5.7.7 Deposits interpreted to be Happisburgh Glacigenic Formation are present on the western side of the River Yare where they appear to thin towards the west from 3.75 m (BH9) to 2.00 m (BH6). They are no longer present west of BH5a. There is a low potential for archaeological deposits in these deposits.
- 5.7.8 Peat deposits of the Breydon Formation (BF-p) are present to the west of BH5a. They are located at elevations between -4 m OD (WS7) and -6.85 m OD (BH2) and reach a maximum depth of -10.35 m OD (BH2). In BH2, there are two discrete beds of peat separated by a thin (0.6 m) lens of alluvium. This is the only location where two discrete peats are identified. There is a potential for the archaeological remains to be sealed by these deposits and for the deposits to contain palaeoenvironmental material
- 5.7.9 Peat is not present in boreholes to the east of the River Yare. Overlying Breydon Formation peat and Happisburgh Glacigenic Formation, are Breydon Formation alluvial sediments (BF-a). These deposits only occur to the west of the River Yare and are not present to the east. The alluvium is extensive and is present between depths of -0.23 m OD (WS3) and -1.95 m OD (BH2), reaching a maximum depth of -10 m OD (BH2). There is a potential for archaeological remains associated with these deposits.

5.7.10 To the east of the River Yare, Crag Group is overlain by deposits interpreted to be part of the North Denes Formation. These deposits are present at elevations between -0.10 m OD (BH18) and -12.60 m OD. North Denes Formation is not present to the west of the River Yare. It appears the river channel limits the extent of these coastal deposits. There is little potential for archaeological remains.

5.7.11 Modern Alluvium is present in boreholes located within the River Yare channel and directly adjacent to its margins. Modern Alluvium deposits appear to be thicker on the eastern side of the River Yare where they overlay North Denes Formation. The thickness of Made Ground deposits broadly varies from 0.40 m (WS3) to 3.50 m (BH2). There is a potential for archaeological remains in these deposits.

Satellite Application Sites

5.7.12 The Satellite Application Sites of Yarmouth Way, Fullers Way and North Quay are located within the historic core of Great Yarmouth, within the area defined by the medieval town walls. There is, therefore, a high potential for the presence of buried archaeological deposits dating from the medieval, post-medieval and modern periods. There is also a potential for early medieval remains around Fullers Way as this is believed to be the site of the pre-Conquest settlement.

5.7.13 There is limited potential for archaeological remains at A47 South, Gapton Hall Road and Acle New Road. All these sites lie in low lying areas (between -1m AOD and 1m AOD) which, prior to drainage in the 19th century, would have been unsuitable for occupation.

Past Impacts and Archaeological Survival

Principal Application Site

5.7.14 The Principal Application Site is located in an urbanised area and it is anticipated the disturbance associated with the development of these areas in the 19th and 20th centuries will have impacted on any shallow archaeological remains, particularly on the west side of the River Yare. The impacts on the east side of the River Yare, in contrast, could be less as potentially less ground disturbance was required to develop the Fish Wharf.

5.7.15 There is a high potential for deeply buried deposits of potential archaeological significance on the west side of the River Yare. There is potential for some of the deeper deposits to preserve waterlogged remains, including wooden remains associated with marine or fishing activities alongside the River Yare and the former medieval shoreline. There is limited potential for deposits within the River Yare itself due to dredging activity or on the eastern side of the River Yare due to the relatively modern date for this land mass.



Satellite Application Sites

- 5.7.16** The Satellite Application Sites are located alongside the existing road networks in areas which are likely to have been heavily disturbed throughout the modern era. The disturbance is predicted to be associated with the construction and maintenance of the highways, and the use of the land along the highways for the installation of below ground utilities.

6 Assessment of Buried Heritage Assets

6.1 Buried Heritage Assets within the Principal Application Site

6.1.1 There is a potential for below ground archaeological remains present within the Application Site to be adversely impacted by the construction of the Scheme through ground disturbance. This could result in the damage or complete, permanent loss of any archaeological assets. The scale of impact will depend on the proportion of the loss of the asset and would range from moderate to major adverse. The significance of effects would be determined by the value of the assets impacted. Assessment of the impact and the effects on buried heritage assets is presented in Section 8.

6.1.2 A total of 125 buried heritage assets are recorded within the 500m Study Area. These comprise one designated heritage asset (Scheduled Monument (Town Wall, NHLE 1003782)), 110 non-designated heritage assets which are recorded on the NHER as monuments or find-spots, and 15 non-designated heritage assets have been identified from historic mapping. A total of 18 assets lie within the Principal Application Site:

- Site of late 19th century icehouse and three salt stores (HER 55685);
- Site of late 19th century Fish Wharf (WSP10);
- Site of wharf side buildings (WSP09);
- The Site of three buildings on west side of Southtown Road (WSP11, WSP12 and WSP13);
- Site of 19th century house (WSP08);
- Site of Marsh House (WSP14);
- The Route of Norfolk and Suffolk Joint Railway (HER 13575);
- Routes of Great Yarmouth urban railways (HER 13576);
- Site of a 20th century timber yard and saw mill (WSP15);
- Site of World War II defences (HER 27697);
- Site of World War II craters (HER 27700, 43589, and 43741);
- Site of World War II anti invasion defences at Southtown (HER 42355 and 42353); and
- Site of World War II road blocks (HER 43304).

6.1.3 The Icehouse and Three Salt Stores (HER 56658), Site of Wharf Side Buildings (WSP09), and Site of Fish Wharf Buildings (WSP09) all relate to the fishing industry and the development of the South Denes area to support

this industry. The remains therefore have historical and archaeological value as evidence for growth, development and subsequent decline of a local economy. Any structural remains found will also have architectural value. Any remains found are likely to be of low value.

- 6.1.4** The historic mapping shows the site of three buildings on Southtown which appear to predate the later 19th century expansion into this area (WSP11 to WSP13). The site of a property on the west side of Southtown Road (WSP08) and Marsh House (WSP14) are shown on the 1883 OS map, located at the north-west end of the Principal Application Site, however both had gone by the 1940s. They therefore have the potential to provide archaeological and historical evidence for the nature of land-use and occupation in the area between the settlement cores of Southtown and Gorleston. Any structural remains could potentially have some architectural value too. Any remains identified will likely be of low value.
- 6.1.5** The site of a timber yard and saw mill (WSP15) is shown on the early 20th century OS mapping. The site had been removed by the later 20th century. There is potential for below ground remains associated with the sheds to be preserved as below ground remains, however due to the modern date they are judged to be of negligible value.
- 6.1.6** The routes of the two urban railways are judged to be of negligible value as they would provide very limited archaeological, historical or architectural information.
- 6.1.7** The World War II defence remains recorded in the site were temporary features and following the end of the war were removed, and no below remains are predicted to survive. Where present, they would be of negligible value. The World War II craters are similarly judged to be of negligible value.

6.2 Potential for Currently Unknown Heritage Assets within the Principal Application Site

- 6.2.1** This section discusses the potential for each chronological period, based on the archaeological and historical background of the area, its geology, topography and hydrology, the likelihood for evidence of past activity, and considering past disturbance which may have affected survival. For example, the site may have high potential for the presence of activity of a particular period, but with low survival. This section also includes professional opinion on the likely heritage significance of such remains, where there is potential for such to be present.

Prehistoric and Roman

- 6.2.2** The potential for below-ground archaeological remains from the Prehistoric and Roman periods is judged to be low due to the limited evidence from this



period around the Scheme. There is, however, the potential for deeply stratified paleoenvironmental remains associated with these periods.

- 6.2.3 If present, such remains would be of medium or high value, depending on preservation and extent, based on their archaeological value.

Medieval and Post-Medieval

- 6.2.4 The Scheme is located outside of the known medieval settlements of Great Yarmouth and Southtown. The west side of the river lay between the settlements of Southtown and Gorleston and likely formed part of the rural landscape supporting these settlements. There is a potential, therefore, for remains associated with agriculture or maritime activity (including remains of former quaysides, wharfs and potentially vessels) to be present, although the level of impact on any remains from this period from later development is currently unknown. The historic mapping from the early 1800s indicates the presence of up to three buildings alongside Southtown Road, which are replaced by terraced buildings by the late 19th century, and it is assumed that any remains have now been destroyed.
- 6.2.5 The east side of the river occupies the area known as South Denes, which formed gradually from a sandbank and remained free from development until the mid-19th century, being occupied prior to this by a Naval base.
- 6.2.6 If present, such remains would range from low to high value, depending on preservation and extent, from derived from archaeological and historical interest.

Modern

- 6.2.7 The east side of the river saw rapid development in the later 19th century and 20th century and now forms a densely occupied residential area. The west side is still an operating wharf, although most of the late 18th and early 19th century buildings have been removed.
- 6.2.8 Industrial and modern remains would be of negligible to medium value, derived from archaeological and historical interest.

Table 6.1: Summary of Importance/Sensitivity of Buried Heritage Assets in the Principal Application Site

Importance/Sensitivity	Buried Assets
Very High/ International	None identified.
High/National	None identified.
Medium/Regional	None identified.
Low/Local	<ul style="list-style-type: none"> • Site of late 19th century icehouse and three salt stores (HER 55685); • Remains of Wharf Side Buildings (WSP09); • Late 19th/early 20th century Fish Wharf (WSP10); • Early 19th century buildings on Southtown Road (WSP11, WSP12 and WSP13); and • Site of 19th century Marsh House (WSP14).
Negligible	<ul style="list-style-type: none"> • The Route of the Norfolk and Suffolk Joint Railway (HER 13575); • Routes of Great Yarmouth urban railways (HER 13576); • Site of a 20th century timber yard and saw mill (WSP15); • Site of World War II defences (HER 27697); • Site of World War II craters (HER 27700, 43589 and 43741); • Site of World War II anti invasion defences at Southtown (HER 42355 and 42353); and • Site of World War II road blocks (HER 43304).
Unknown	<ul style="list-style-type: none"> • Currently unidentified below ground archaeological remains.

6.3 Buried Heritage Assets in Satellite Application Sites

6.3.1 The Satellite Application Sites on North Quay, Fullers Way and Yarmouth Way are located within the medieval town, as defined by the remain of the town walls. Below ground remains of medieval to post-medieval date relating to occupation are recorded within the Satellite Application Sites on North Quay (NHER 55641 and NHER 13371) and Fullers Way (NHER 4278), and there is a potential for additional remains to be present in both Satellite Application sites, along with the one on Yarmouth Way. There is also a potential for later Saxon remains at Fullers Ways due to its proximity with the site of a Later Saxon settlement. Any remains in these locations are predicted to have been heavily disturbed, however where present could range from low to high value.

- 6.3.2** The site of a World War Two crater (NHER 27628) and road block (NHER 27630) are located within the Satellite Application Site on Acle New Road, and the site of a Light Anti-Aircraft Battery (NHER 19084) are within the A47 South Satellite Application Site. Such remains are judged to be of negligible value and no significant below ground remains are predicted to survive.
- 6.3.3** There is a potential for below ground remains of later post-medieval to modern date within all the Satellite Application Sites. Where present, the remains would be of low to negligible value.

Table 6.2: Summary of Importance/Sensitivity of Buried Heritage Assets in the Satellite Application Sites

Importance/Sensitivity	Buried Assets
Very High/ International	None identified.
High/National	None identified.
Medium/Regional	None identified.
Low/Local	<ul style="list-style-type: none"> Post-medieval fish curing buildings (NHER 55641); Post-Medieval wells and an oven (NHER 4278); and Medieval to post-medieval houses (NHER 13371).
Negligible	<ul style="list-style-type: none"> World War II Light Anti-Aircraft Battery (HER 19084); World War II crater (NHER 27628); and World War II road block (NHER 27630).
Unknown	<ul style="list-style-type: none"> Currently unidentified below ground archaeological remains.

7 Assessment of Above-Ground Heritage Assets

7.1 Principal Application Site

Introduction

7.1.1 The above ground heritage resource identified for assessment within 1km of the Principal Application Site consists of four Scheduled Monuments, 114 Listed Buildings (three Grade I, nine Grade II* and 102 Grade II) and six Conservation Areas. Following consultation with the NCC, the following non-designated built heritage assets were included for assessment:

- Potential Fish Wharf 1877 Extension Building (WSP01);
- Late 19th century terraces off Southtown Road (WSP03 to WSP06); and
- Former 19th century maltings (WSP02).

7.1.2 Table 7.1 below summarises the built heritage resource and its importance/sensitivity. A full list is provided in Annex A. An assessment of the impacts and effects on above ground heritage assets is presented in Section 8.

Table 7.1: Summary of Above Ground Heritage Assets in 1km Study and Importance/Sensitivity

Importance/Sensitivity	Above Ground Assets
Very High/ International	None identified
High/National	<ul style="list-style-type: none"> • Scheduled Monuments: <ul style="list-style-type: none"> - Town Walls (NHLE 1003782); - Nos 6,7 and 8, Row 111, South Quay (NHLE 1003958); - Merchant's House, Row 117, South Quay (NHLE 1004020); and - Greyfriars Franciscan friary (NHLE 1017910). • Grade I Listed Buildings: <ul style="list-style-type: none"> - Nelsons Monument (NHLE 1246057); - St Georges Theatre (NHLE 1245919); and - Remains of the Church of the Greyfriars (NHLE 1245915). • Grade II* Buildings: <ul style="list-style-type: none"> - Great Yarmouth Potteries (NHLE 1245561); - Custom House (NHLE 1245800); - 25 South Quay (NHLE 1245803);

Importance/Sensitivity	Above Ground Assets
	<ul style="list-style-type: none"> - Old Merchants House (NHLE 1245917); - The Hippodrome (NHLE 1245922); - St Nicholas Hospital Main Block (NHLE 1245983); - St Nicholas Hospital Main Entrance Range (NHLE 1245984); - Old White Lion Public House (NHLE 1271278); and - The Winter Gardens (NHLE 1271608).
Medium/Regional	<ul style="list-style-type: none"> • 102 Grade II Listed buildings; and • Six Conservation Areas.
Low/Local	<ul style="list-style-type: none"> • Potential Fish Wharf 1877 Extension Building (WSP01); • Late 19th century terraces (WSP03 to WSP06); and • Former 19th century maltings (WSP02).
Negligible	N/A
Uncertain	N/A

Above Ground Heritage Assets Within the Principal Application Site

7.1.3 There are two built heritage assets within the Principal Application Site:

- Late 19th century terraced buildings on Queen Anne's Road (WSP04); and
- Late 19th century terraced buildings on Southtown Road (WSP06).

7.1.4 The Dolphin Public House (Grade II Listed Building, NHLE 1096829) and Late 19th century terracing off Southtown Road (WSP03) are situated outside of the Principal Application Site and as such there will be no direct physical impacts.

7.1.5 The Scheme will require the demolition of one set of late 19th century terraced buildings on Southtown Road (WSP06) and one terrace along Queen Anne's Road (WSP04). The following assessment is therefore focussed onto these two assets groups. The assessment has been limited to a visual inspection of the front elevation of the assets. As the properties are in occupation at the time of the assessment, no internal inspection was undertaken at this stage. As the main purpose of the assessment was to determine if the properties did represent those shown on the historic mapping, this level of assessment is deemed suitable.

Late 19th Century Terraced Housing on Southtown Road (WSP06)

- 7.1.6 A date stone on the buildings names the row of properties as “Brighton Terrace” and dates their construction as 1873. This date is supported by the historic mapping consulted. The terrace is made up of nine separate “two up to down”-style properties, set back slightly from Southtown Road. They appear to belong to two phases of construction, as the northern three vary in their design, being having slightly higher front elevations and ornate decoration along the roof line compared to the rest. All nine of the buildings share the same external design, with large bay windows extending from the ground up to the first floor. Two of the properties have had small extensions added to the front by the doorway.
- 7.1.7 The properties have architectural value as they are an example of late 19th century domestic buildings, likely built to support the rapidly growing population in Great Yarmouth. They also have some historic value as evidence for the expansion of the settlement of Southtown, and the potential multi-phasing of construction may have some historic significance. The value of the assets is judged be of low value as they are of local interest.



Plate 7.1: WSP06: Late 19th Century Terraced Housing on Southtown Road

Late 19th Century Terraced Housing on Queen Anne's Road (WSP04)

- 7.1.8 The terrace comprises of ten separate “two up two down” properties, which front onto Queen Anne's Road. They appear to belong to a single phase of development. They are architecturally simpler compared to the ones on Southtown Road, and lack the large bay windows.

- 7.1.9 The properties have some architectural value as they are an example of late 19th century domestic buildings, likely built to support the rapidly growing population in Great Yarmouth. They also have some historic value as evidence for the expansion of the settlement of Southtown. The value of the assets is judged be of low value as they are of local interest.



Plate 7.2: WSP04: Late 19th Century Terraced Housing on Queen Anne's Road

Built Heritage Assets in the Wider Landscape: Setting Assessment

Introduction

- 7.1.10 All of the designated assets within the 1km Study Area have been assessed to determine whether the Scheme would change their setting. The assessment was based on a desk-stop study and reviewed during the site walkover. As a result of this assessment, the following designated assets were identified as potentially seeing a change in setting and required additional assessment to establish the contribution of the setting to the value of the asset, applying the methodology section out in Section 4 and Annex B:

-
- The Grade I listed Nelson's Monument (NHLE 1246057);
 - Grade II listed Dolphin Public House (NHLE 1096829);
 - Grade II Listed Gas Holder (NHLE 1096789);
 - Grade II Scenic Railway Roller Coaster at Great Yarmouth (NHLE 1436976);
 - St Nicholas Hospital Block Asset group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986);
 - Camperdown Conservation Area;
 - Hall Quay South Quay Conservation Area;
 - Gorleston Conservation Area;
 - Potential Fish Wharf 1877 Extension Building (WSP01);
 - Late 19th century terraces off Southtown Road (WSP03); and
 - Late 19th century terraces off St Anne's Road (WSP05).

7.1.11 The assessment of the impact and effects on the heritage asset as a result of change in the setting is presented in Section 8. An assessment of the level of harm is presented in Section 9.

Nelson's Monument (NHLE 1246057)

7.1.12 Nelson's Monument, also known as Nelson's Pillar and the Britannia Monument, was built between 1817-19 and was the first monument built in England to commemorate the achievements of Admiral Lord Nelson. An information board at the monument states that the monument designed by William Wilkins, who was also responsible for the National Gallery building in London. It comprises of a tall, fluted Greek Doric column placed on a square pedestal, which is located on a raised square plinth. The figure of Britannia is located on the top of the column, facing inwards from the coast. Overall, it measures approximately 40m in height.



Plate 7.3: NHLE 1246057: Nelson's Monument

7.1.13 The monument is designated as a Grade I Listed Building, and is therefore of high, national importance. The significance of Nelson's Monument is drawn its architectural, historical and artistic values. Architecturally, it is intentionally ornate, classically inspired and imposing structure. It has firm links to the historical maritime activity, and specifically to Admiral Lord Nelson himself. The purpose of the monument is to present a visual representation of the achievements of Nelson and to ensure they are remembered. The monument also has appeared in artistic representations (see Plate 7.4).



Plate 7.4: View of Yarmouth Seen from Gorleston, with Nelson's Monument on the Right (Ref 16)

- 7.1.14** The setting of the monument has changed substantially since its construction. In the early 1800s, the South Denes area was part of the Naval base and was predominately open land. This is illustrated in Plate 7.4, and supported by the historic mapping. Following the closure of the Naval base, the South Denes area became available for development and the area around the monument is now densely occupied. Today, the monument is surrounded by industrial and commercial properties, although the monument itself is bordered on all four sides by a wall and fence, which in turn is boarded by roads and public footpaths. This allows the monument to stand out in its immediate environment.



Plate 7.5: View South from Nelson's Monument (NHLE 1246057)



Plate 7.6: View of Nelson's Monument (NHLE 1246057), Facing North

- 7.1.15** The immediate setting of the monument at ground level contributes little to its overall significance due to the modern development undertaken around it. Its wider setting comprises the area of the former naval base, and also is in the same county that Nelson was born, and therefore in this context the setting provides a contribution due to the historic links. Due to the height of the monument, however, the setting of it extends beyond its immediate location. The monument is visible across a wide area, particularly from the

south towards Gorleston (Plate 7.7), although it does have to compete with other high features in its surroundings (e.g. cranes alongside the River Yare). It is also visible from the west side of the Scheme (Plate 7.8). This ability to see it from a long distance, albeit intermittently, is an important part of the significance of the monument and how the asset is experienced in its wider setting. Overall, the setting provides a moderate contribution to the significance of the asset.



Plate 7.7: Long Distance View of Nelson's Monument (NHLE 1246057) from Corner of Icehouse Hill and Riverside Road, Gorleston (Monument Location Shown by Red Arrow)



*Plate 7.8: Long Distance View of Nelson's Monument (NHLE 1246057)
Southtown Road (Monument Location Shown by Red Arrow)*

Dolphin Public House (NHLE 1096829)

- 7.1.16** The Dolphin Public House was built between 1900 and 1904 and was originally known as the Fish Wharf Refreshment Rooms. It formed part of the plans for the development of the Fish Wharfs, which was built from the mid-19th century onwards. Most of the original wharf buildings have now been demolished and the public house is currently unoccupied.



Plate 7.9: Dolphin Public House (NHLE 1096829)

7.1.17 The Public House is designated as a Grade II listed building and is therefore of medium value. The majority of the significance is drawn from its architectural value, which includes elements intended to make the external façade of the building aesthetically pleasing, along its such as the use of ceramic tiles and decorative panels depicting dolphins (Plate 7.9). The historic value contributes a little due to the direct relation with the public house with the historic Fish Wharfs area, although the loss of the market here and the modernisation of the wharfside have diminished this relationship.

7.1.18 The Public House is located on the corner of the road called Fish Wharf, to the west of South Denes Road. The immediate setting is industrial in nature, and the Public House appears isolated. Historically, the Public House formed part of the Fish Wharf, a busy landing and market place for herring, used by lots of people. The wharfs were likely a noisy and active environment. The setting has therefore changed substantially since the Public House was first in use. The current setting of the asset provides a negligible contribution to the significance of the asset.

Gas Holder (NHLE 1096789)

7.1.19 The Gas Holder consists of a steel drum set in a cast-iron and steel frame. The frame is composed of 14 cast columns, with needle finials and volutes providing an aesthetic value. It bears a maker's plate which reads "R.P. Spice/Engineer/London/1884" and "S. Cutler & Sons/Contractors/1884", and based on this the NHLE description states it dates to 1884, however it first appears in this location on the 1926 Ordnance Survey map. A Gas Works is

shown here from 1883, with two gas holders shown to the west. None are shown on the 1904 Ordnance Survey Map, and by 1926 there are three, including the Grade II listed one. Gas Holders were once a common feature in urban environments from the 19th century and were used up until the 1960s to store gas produced on land. Following the establishment of a gas supply from the North Sea, gas holders were made redundant and many demolished.

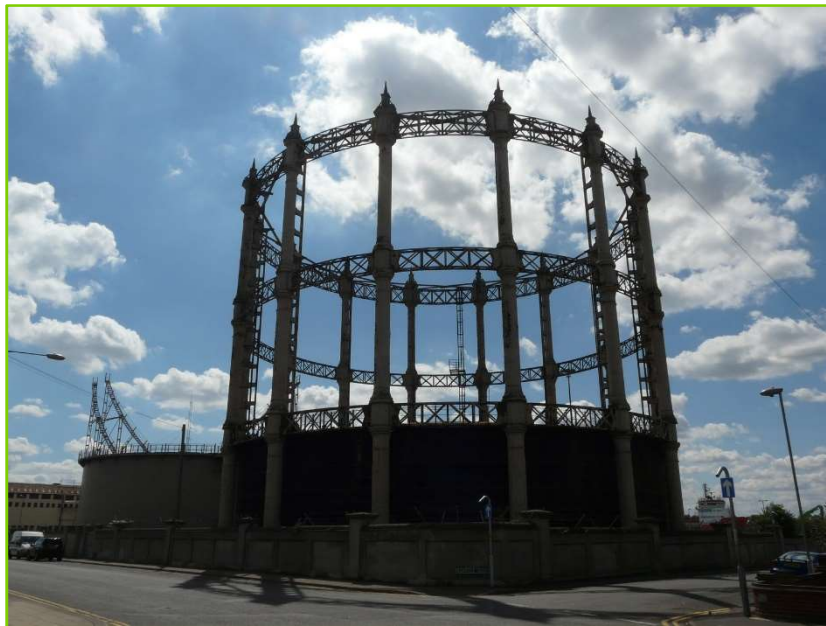


Plate 7.10: Gas Holder (NHLE 1096789)

- 7.1.20** The Gas Holder was designated as a Grade II Listed Building in 1998 and is of medium significance. The significance is drawn largely from its architectural value, which is increased by the use of ornate elements within an otherwise utilitarian structure. Historically, it is representative of 19th century efforts to provide a regular and constant gas supply to businesses and homes which also adds to its value.
- 7.1.21** The Gas Holder is located on the corner of Barrack Road and Admiralty Road. The areas to the north and west are predominately residential and to the south and west it is industrial. A second smaller gas holder lies immediately to the south. The Gas Holder was previously located within a gas works, which went out of use in the later 20th century and no above ground remains are visible. The gas works were likely located here as part of the development of the South Denes area following the closure of the Naval base and the availability of a large area of land for expansion.
- 7.1.22** Due to their function and purpose, gas holders are intentionally large and prominent structures and many have become landmarks. The Gas Holder has little to challenge its visibility in its immediate proximity and it can be

viewed from far away. It is very visible from the west side of the Scheme (Plate 7.11). The asset therefore has a visual prominence in the landscape and acts as a focal point, albeit unintentionally. It is this experience of the asset in its setting that provides a minor contribution to the significance of the asset.



Plate 7.11: View East towards the Gas Holder (NHLE 1096789) from Southtown Road

The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976)

- 7.1.23** The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach is located on the beachfront, approximately 1km to the west of the Scheme. The Scenic Rollercoaster, opened in 1932, is a wooden construction and formed an important part of the Great Yarmouth Pleasure Beach complex, established in the early 1900s. It is the oldest surviving feature in the Pleasure Beach complex, as many of the early 20th century features were dismantled during World War II to enable to metal to be reused. Being made from wood, the Rollercoaster was allowed to remain.

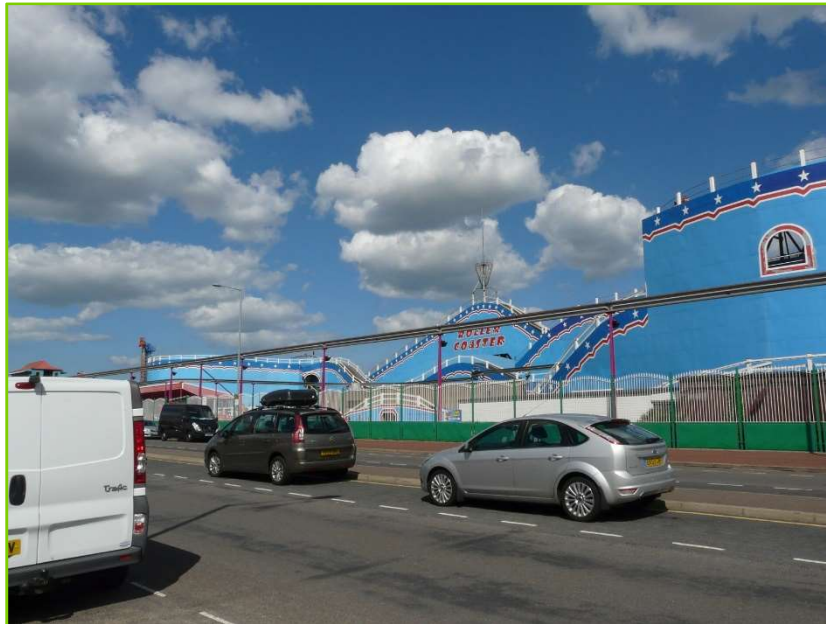


Plate 7.12: The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976)

7.1.24 The asset has been recently listed as Grade II, and is therefore of medium significance. The NHLE listing description details where the significance of the monument is drawn from. The following is taken from the listing description:

- Date and rarity: it is the second oldest in date of only two surviving scenic railway type roller coasters in Britain, after the Scenic Railway at Margate, (Grade II*, NHLE 1359602) the third-oldest roller coaster in Britain, and the third of only six surviving pre-Second World War roller coasters nationally;
- Architectural interest: although much of the timber has been renewed through maintenance (and will continue to be), and the alpine scenery has been lost, the roller coaster retains its original configuration, and the rider experience is almost identical to when the ride first opened. It is an important element of Great Yarmouth's C20 seaside history, and it contributes towards the outstanding collection of Victorian, Edwardian and later entertainment architecture in Great Yarmouth;

- Historic interest: as the major surviving ride from Great Yarmouth Pleasure Beach, one of the earliest seaside amusement parks in Britain and one of only two early seaside amusement parks to have remained open continuously (along with Blackpool Pleasure Beach).

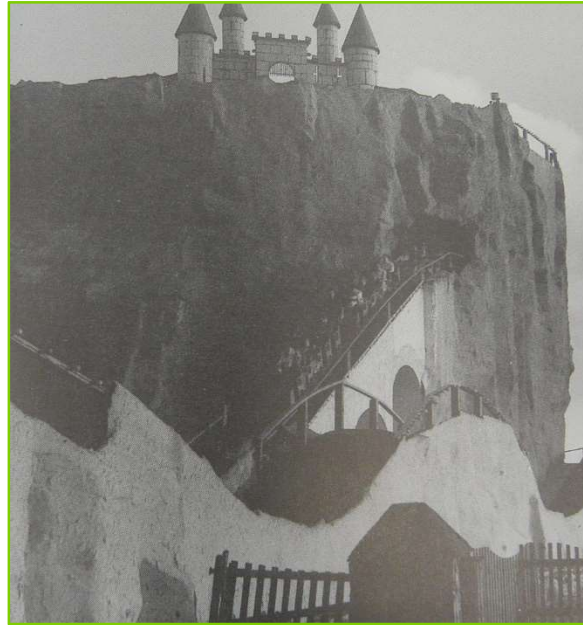


Plate 7.13: Scenic Rollercoaster, c. 1920 (Ref 16)

- 7.1.25** The physical appearance of the asset has been much changed since it was first constructed. And while much of the landscape around it has altered over the years, the fundamental elements of its setting have not. It was built within a seaside resort and alongside a beach. Its physical surroundings and the experience of the asset are important elements and therefore the setting provides a moderate contribution to the significance.

St Nicholas Hospital Assets Group

- 7.1.26** St Nicholas Hospital comprises two Grade II* and three Grade II Listed Buildings. The main hospital building comprises a four-wing hospital block, arranged around a central quadrangle (NHLE 1245983). To the north is the main entrance block (NHLE 1245984), and to the south is the South Block (NHLE 1245985) and CSSD Store, built as a mortuary and chapel (NHLE 1245982). The site is enclosed by walls and railings (NHLE 1245986). The hospital was built in 1809 to 1811 and then became a naval barracks in 1818. It was later used as a general hospital.
- 7.1.27** The main block and entrance block are Grade II* listed and are therefore of high significance, while the remainder are Grade II and have medium significance. The significance of all the assets is drawn from their architectural and historical values. They are an example of early 19th

century military and hospital planning architecture, and it was noted for its use of a well-lit and ventilated design. Its presence provides a clear link with the area's Great Yarmouth naval past.

- 7.1.28** The asset group is bounded to the west by Admiralty Road, to the south by Dicken's Avenue, to the east by recreational area and north by residential properties. It lies within the Camperdown Conservation Area. The historic mapping shows the base in an open area in the early 1800s, however it is now surrounded by residential development. The assets are private property and therefore could only be assessed from the outside, and it is noticeable that the walls surrounding the hospital block enclose the assets away from their surroundings (Plate 7.14). The immediate setting of the asset groups, within the walls, is predicted to a feel separated from external elements and to be tranquil, green space. This was a deliberate aim of the layout of the hospital site to aid recovery of the patients. The immediate setting is therefore a major contribution to the value of the group. Outside of the walls, the wider setting of the assets therefore provides a negligible contribution to the significance of the asset group.

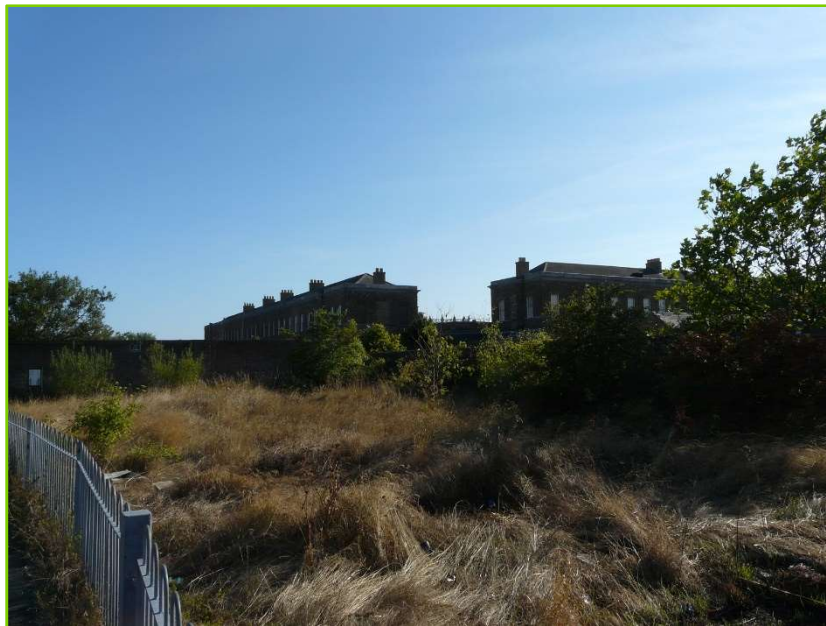


Plate 7.14: St Nicholas Hospital Asset Group, from the South

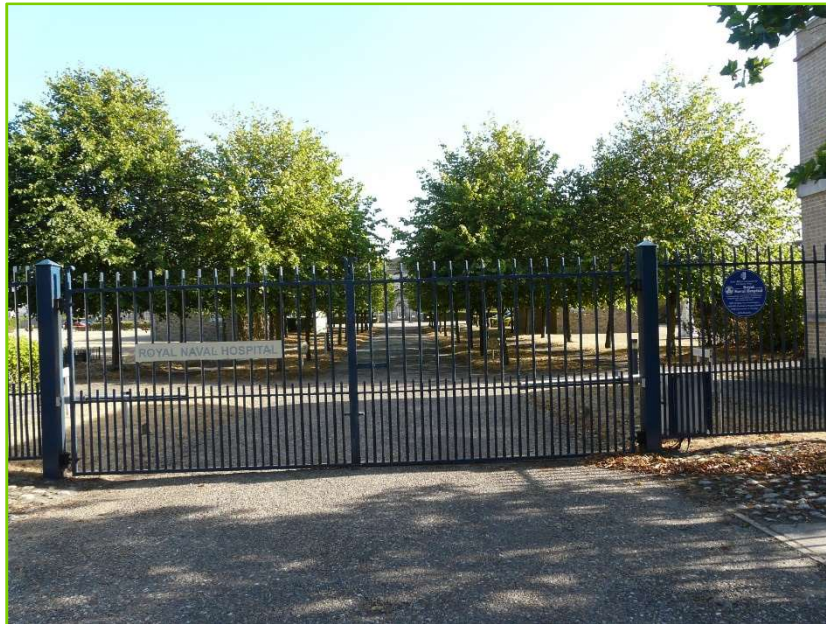


Plate 7.15: St Nicholas Hospital Entrance

Camperdown Conservation Area

- 7.1.29** The Camperdown Conservation Area was first designated in 1969 and extended in 1979 and 2002. The original boundaries defined the series of street and square planned in the c. 1840s by the Victoria Building Co, which fronted onto Marine Parade. Only part of the planned scheme was completed, bounded by Camperdown to the north and Albert Square to the south. Kimberley and Brandon Terraces were constructed first and were based around terraces, crescents and squares, copying the style used in other seaside resorts, such as Brighton. The 2002 extension was to the south and brought in the St Nicholas Hospital asset group (described above) and Victorian and Edwardian terraces to the north and west.
- 7.1.30** The Conservation Area contains Grade II* Listed Buildings and 17 Grade II Listed Buildings. Although the remaining properties are not designated, many nonetheless have some level of architectural interest and together have a distinctive group value. The value of the Conservation Area is based primarily on its architectural interest, and it contains buildings of different status throughout, from the grand four-storey high terraced buildings (now the Carlton Hotel (NHLE 1271269), along Kimberley Terrace, the uniform row of three storey high terraces along Nelson Road South, to the more mixed, lower status architectural styles along the roads in the west side. The gridded street patterns are also a significant feature, fossilising the mid-19th century planned development. The Conservation Area has a historic interest due to its relationship with the rise in popularity of seaside resorts during the 19th century.

7.1.31 The value of the Conservation Area is judged to be medium due to the majority of the designated assets contained within it being of Grade II designation. The value also reflects the degree of change and the insertion of modern development within the Conservation Area.

7.1.32 The significant elements of the Conservation Area setting are the combination of urban and coastal location. It partly borders the Seaside Conservation Area, but is separated from it as this is a principally residential area. The hierarchy of buildings is directly related to the distance between the assets and the sea front, with the larger domestic ones being located to the east and those of a lower status to the west. The location of the area of development outside of the medieval core is significant too, representing the ability to extend the town outside of its defences and begin expansion in to the former naval base area. The setting, therefore, provides a moderate contribution to overall value of the Conservation Area.

7.1.33 The draft Conservation Area appraisal document provided by Great Yarmouth Borough Council identifies the following principal views within the Conservation Area:

- South along Wellington Road to The Wellington Arch;
- From Queens Road into the Royal Naval Hospital;
- West along Queens Road to St. James' Church;
- At the eastern end of Camperdown; and
- Albert Terrace.

7.1.34 Key views into the Conservation Area are from the seafront westwards down Camperdown and from Albert Square.

Hall Quay South Quay Conservation Area

7.1.35 The Hall Quay South Quay Conservation Area lies approximately 1km north of the Principal Application Site. It is focussed along the main north-south route (South Quay to the south, and Hall Quay to the north), but extends to the east to Howard Street South, north to Stonecutters Way and south to Nottingham Way. It also extends across to the west bank of the River Yare and part Southtown on the west side of Haven Bridge.

7.1.36 The Conservation Area is located within the historic core of Great Yarmouth, defined by the Town Walls. It contains four Scheduled Monuments, and 44 listed buildings (three Grade I, four Grade II* and 37 Grade II). It contains a number of buildings dating from the 16th to 18th century, along with the Tolhouse and Greyfriars Franciscan friary which are of 13th century date. Many of the earlier buildings were built for and occupied by wealthy merchants. The importance of the Conservation Area is drawn from its



architectural and also strongly from its historic interest too. Based on the number of high value assets contained within the Conservation Area, the importance of it is judged to be also high.

7.1.37 The setting of the Conservation Area has a substantial contribution to its value. The importance of the setting is drawn from its coastal location, and its position alongside the River Yare and River Bure. The development and use of the buildings contained within the Conservation Area is closely connected to the maritime industry which formed an important part of the economy of Great Yarmouth through the medieval and post-medieval period. The relationship between the Conservation Area and the medieval town walls and its location within the defended area is also an important contributing factor.

7.1.38 The Draft Conservation Area Appraisal provided by Great Yarmouth Borough Council identifies 11 key views. The principal views out of the conservation area are listed as:

- Those across to Southtown and Breydon Water;
- Along South Quay from Hall Quay;
- South along the River Yare;
- North along the River Bure; and
- The view from Hall Quay east along Regent Street.

7.1.39 Principal views into Hall Quay South Quay Conservation Area are defined as:

- From the Haven Bridge and Southtown to Hall Quay and South Quay;
- From South Quay;
- North Quay into Hall Quay;
- From Hall Plain into Hall Quay;
- From all the narrow rows/streets looking westwards onto South Quay and Hall Quay;
- The view into the conservation area from Vauxhall Bridge/Railway Station.

Gorleston Extension Conservation Area

7.1.40 The Gorleston Extension Conservation Area was designated after 2009 and no appraisal document which includes the extension has been located. It is located approximately 500m to the south of the Principal Application Site. The designated area extends Ferryboat Lane in the north and runs parallel along the west side of the River Yare to South Icehouse Hill. It is made up of

commercial and residential properties. It includes Riverside Road and High Street and contains seven Grade II Listed Buildings. It is separate from the main Gorleston Conservation Area, which is located approximately 1km south.

- 7.1.41** The lack of Conservation Area appraisal limits the opportunity to assess the value and importance of the Conservation Area as the character of it has not been defined. It is assumed that this based on mostly on the architectural interest. The Conservation Area is judged to be of medium value based on the value of the heritage assets contained within it. The contribution of the setting is also limited, however the relationship between the Conservation Area and the River Yare is likely to be a key element. The wider setting, which contains Southtown to the north and the Gorleston to the south is also a part of the setting. Views over to the South Denes area to the east and Great Yarmouth to the north are also important.

Non-Designated Potential Fish Wharf 1877 Extension Building (WSP01)

- 7.1.42** A building which corresponds to a building shown on historic mapping is located 30 m to the south of the Principal Application Site, on the east side of the River Yare (Plate 4) and it could be an extension to the Fish Wharfs, proposed in 1877. The asset could not be accessed and views to it from the west side were blocked by a shipping vessel. If it is confirmed, it will represent one of a few remaining elements of the 19th century Fish Wharf sites and would be of low significance. There is a potential for significance to be drawn from its architectural and historic values as an example of a late 19th century building associated with the Fish Wharf.
- 7.1.43** The building is located alongside the River Yare, in an industrial area. The area has undergone substantial alteration since the building was first constructed, including the loss of the most of the 19th century, however the setting does provide a moderate contribution to the significance due to its river side location.

Non-Designated Late 19th Century Terraces off Southtown Road (WSP03)

- 7.1.44** The terrace comprises of eight “two-up two down” domestic buildings of late 19th century date. They share the same design as terrace group WSP06, to the north. They are low significance, drawn from their architectural and historic value. They are located on the west side of Southtown Road, close to the junction with William Adams Way, and are separated from the next set of terraces by a garage repair centre. This physical separation has resulted in the assets appearing isolated from the other nearby areas of occupation. Despite this, the setting is judged to provide a minor contribution to the significance as they represent the expansion of settlement in Southtown in the later 19th century.



Plate 7.16: Late 19th Century Terrace Housing of Southtown Road (WSP03)
Non-Designated Late 19th Century Terraces off St Anne's Road (WSP05)

- 7.1.45** The terrace comprises of three domestic buildings of late 19th century date and are similar in design to WSP04 to the north-west on St Anne's Road. They have been substantially altered since originally constructed. The properties have some architectural value as they are an example of late 19th century domestic buildings, likely built to support the rapidly growing population in Great Yarmouth. They also have some historic value as evidence for the expansion of the settlement of Southtown. The value of the assets is judged be of low value as they are of local interest.
- 7.1.46** The assets are located on the north side of St Anne's Road, close to the junction of Southtown Road. St. Anne's Road is a short section of road which contains residential properties along its northern side, and is one a series of roads running west off Southtown Road. The land to the south of St. Anne's Road has remained undeveloped and consists of allotments. There are views from the properties towards the River Yare. The setting is judged to provide a minor contribution to the significance as they represent the expansion of settlement in Southtown in the later 19th century.



Plate 7.17: Late 19th Century Terrace Housing off Southtown Road (WSP03)

7.2 Satellite Application Sites

Above Ground Assets in the Satellite Application Sites

- 7.2.1 There are no built heritage assets located within the Satellite Application Sites and none will be physically impacted by the installation of the VMS or any works associated with their installation.

Built Heritage Assets in the Wider Landscape: Setting Assessment

- 7.2.2 All of the designated assets within a 250m area around the Satellite Application Sites were assessed to determine whether the Scheme would have an effect on the setting. As a result of this assessment, the following designated assets have been identified as requiring additional assessment to establish the contribution of the setting to the significance of the asset or asset group, and the potential impact of the proposed scheme on the setting:

- Scheduled Monument medieval Town Walls (NHLE 1003782); and
- Grade I Listed The Tolhouse (NHLE 1245560).

Medieval Town Walls (NHLE 1003782)

- 7.2.3 The Town Walls were built in the 13th century and extended for some 2km around the historic town of Great Yarmouth. The monument has a high significance due its archaeological, historical and architectural values.



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- 7.2.4 The settlement of Great Yarmouth remained contained within the Town Walls until the mid-19th century, when development began to the south of the town, in the South Denes area. Despite this, due the retention of the medieval street pattern around the walls, the setting does provide moderate contribution to its significance.

The Tolhouse (NHLE 1245560)

- 7.2.5 The Tolhouse structure was built in the mid-12th century as a merchant's house. It has had a variety of uses, including as a prison, town hall, police station, court house and toll office. From the 1880s, it was used a library and museum. It is a Grade I Listed Building and has a high significance. The significance is drawn from its architectural, historical and archaeological value as surviving remnant of the medieval settlement.
- 7.2.6 The Tolhouse is located on the west side of Tolhouse Street. It is surrounded by residential properties of 19th and 20th century date. The location has changed considerably since the Tolhouse was first built, however the urban setting is still evident. The setting provides a minor contribution to the significance of the asset.

8 Assessment of Impacts and Effects

8.1 Introduction

- 8.1.1 This section assesses the impacts and effects on historic environment, during the construction of the Scheme, and also during the operational (completed development) phase. It includes an assessment of the visual impacts when the bridge is in the closed position and when opened.
- 8.1.2 The assessment of the magnitude of impact (i.e. change) is the identification of the degree of the effect of the scheme on the heritage assets. There is no standard scale of comparison against which the severity of effects on heritage assets may be judged, because of the great variety of resources and assets. The assignment of a magnitude of impact is a matter of professional judgement (see Table 4.3).
- 8.1.3 The significance of effect on designated and non-designated heritage assets has been derived from a consideration of the sensitivity/value of the receptor and the magnitude of the impact upon it, as illustrated by the matrix presented in Table 4.4.
- 8.1.4 During construction, impacts would be from ground disturbance such as preliminary ground works, site strip/topsoil removal, demolition, remediation, landscaping, planting, excavation for basements, foundations, services, drainage and lighting, which could potentially disturb and destroy buried heritage assets. Above ground heritage assets may also be affected directly through demolition and alteration of historic fabric, where this is proposed, and indirectly temporarily from vibration (e.g. piling), dust, lighting and noise. There could also be an impact upon the above ground heritage assets setting.
- 8.1.5 During the operational phase, effects on buried heritage assets are typically scoped out on the basis that once the proposed development has been completed, no further ground disturbance would occur and consequently there would be no additional impact. The operational phase can have an impact on above ground heritage assets, due to changes to their setting due to a change in views, visibility, noise, lighting and air quality, which alters how the asset is understood and experienced.

8.2 Impact and Effects on Buried Heritage Assets within the Principal Application Site

Construction Period

- 8.2.1 The majority of the impacts upon the buried heritage assets will occur during the construction phase. Development activities such as pilling, stripping of overburden or hardstanding, landscaping, ground compaction access, service installation, stockpiling and storage may all have a negative effect on below ground heritage assets. The scale of impact on all buried heritage assets would be moderate to major adverse as the depth and scale of the ground disturbance will lead to the permanent and irreversible loss of the all or part of an asset.
- 8.2.2 A total of 18 non-designated heritage assets have been identified within the Principal Application Site. Five non-designated assets of low importance are located on the west side of the River Yare and will be directly impacted by the construction of the road and bridge (Site of buildings on west side of Southtown Road (WSP11, WSP12 and WSP13), Site of 19th century house (WSP08) and Site of Marsh House (WSP14)). The impacts on the assets would be major adverse and the effects Moderate Adverse.
- 8.2.3 Three non-designated assets of low importance are located on the east side of the River Yare (The Icehouse and Three Salt Stores (HER 55685), Wharf side Buildings (WSP09), and Fish Wharf (WSP10)). The construction of the bridge will have a major impact on any remains present associated with the Wharfside Buildings (WSP09) and Fish Wharf (WSP10) and the effects would be Moderate Adverse.
- 8.2.4 The Icehouse and Three Salt Stores (HER 55685) is located in the proposed compound area which is currently covered by hardstanding. If ground disturbance is required, then the impacts would be major and the effects Moderate Adverse. If no ground disturbance is required, the impacts would be no change and the effects Neutral.
- 8.2.5 Mitigation in the form of preservation by record would be appropriate for assets of this low importance where preservation in-situ cannot be achieved, and would reduce the effects to Slight Adverse.
- 8.2.6 The remaining non-designated heritage assets (The Route of Norfolk and Suffolk Joint Railway (HER 13575), Routes of Great Yarmouth urban railways (HER 13576), Site of World War II defences (HER 27697), Site of a 20th century timber yard and saw mill (WSP15), Site of World War II craters (HER 27700, 43589, and 43741), Site of World War II anti invasion defences at Southtown (HER 42355 and 42353), and Site of World War II road blocks (HER 43304)) are judged to be of negligible importance, and the effects will be slight adverse. Mitigation in the form of preservation by record would be

appropriate for assets of this importance where preservation in-situ cannot be achieved, and would reduce the effects to Neutral.

- 8.2.7** There is a potential for currently unknown below ground archaeological assets, including deeply stratified deposits not disturbed by modern development. Due to the proximity of the Principal Application Site to the River Yare and the medieval shoreline, there is potential for below ground remains associated with maritime activity, and for high level of preservation of remains, such as wooden artefacts, in waterlogged deposits. The presence of, extent, quality, date and sensitivity of such remains is unknown and cannot be quantified prior to excavation. As such, any remains present could range in sensitivity from negligible to high, with any remains of Palaeolithic date being classed as being of international significance and Very High sensitivity.
- 8.2.8** The assessment has established that there is a greater likelihood for buried assets on the west side of the River Yare of medieval, post-medieval and modern date. The sensitivity of these assets is predicted, based on the current evidence, to be negligible to medium. The magnitude of change prior to mitigation is considered to be moderate to major. Therefore, there is likely to be a slight to large effect on any below ground heritage assets prior to the implementation of mitigation measures. Mitigation through preservation by record would result in a Neutral effect. Mitigation through preservation by record would result in effects ranging from Slight Adverse to Moderate Adverse, depending on the sensitivity of the heritage asset.
- 8.2.9** The HEDBA has identified that the potential for unknown below ground archaeological remains on the east side of the River Yare varies from that predicted to the west. The land mass here is of a more recent date and historically has been part of the Naval base and then a port. Therefore, there is a higher likelihood for below ground remains of post-medieval and modern date of negligible to low sensitivity. The impacts are considered to be moderate to major and for this side of the Principal Application Site it is judged to be a Slight Adverse effect. Mitigation through preservation by record would result in a Neutral effect. Mitigation through preservation by record would reduce the impact, however the effects would remain Slight Adverse.
- 8.2.10** A Written Scheme of Investigation (WSI) has been produced to support the DCO application (as set out in Requirement 12 of the draft DCO (document reference 3.1)) and will set out the scale and scope of the post-consent investigations, as far as is practicable at this stage based on the construction methodology. The WSI has been produced in consultation with NCC.

Operational Period

- 8.2.11** There is potential that following the completion of construction, any buried archaeological remains present around the Scheme will adversely impacted through changes in the local hydrology, resulting in the compaction, desiccation or waterlogging of buried remains. The effects on the groundwater levels are assessed in ES Chapter 11: Road Drainage and the Water Environment. This has determined that there will be no change and neutral effects to the groundwater quality, recharge and flow, and a negligible change and negligible effects to the groundwater flow and quantity in superficial deposits and to the Crag Group aquifer, the main aquifer underlying the Principal Application Site (Section 11.8). The Preliminary Ground Water Control Strategy contains some uncertainties, however, which will be improved and defined through the project lifecycle (Section 11.10).
- 8.2.12** The assessment of change and effect on groundwater levels indicates no or negligible levels of change to the groundwater level, however it is not known currently what the impact of a negligible change would have on the archaeological value of the superficial geological deposits, in particular the Breydon Peats and Alluvium.
- 8.2.13** The potential for the occurrence of this, the assets impacted, the level of impact and resultant effects are currently unknown. A Written Scheme of Investigation (WSI) has been produced to support the DCO application (as set out in Requirement 14 of the draft DCO (document reference 3.1)) and will set out the scale and scope of the post-consent investigations to assess the potential impacts from changes in hydrology. The WSI has been produced in consultation with NCC.

8.3 Impact and Effects on Buried Heritage Assets within the Satellite Principal Application Site

Construction Period

- 8.3.1** The construction of the VMS would include the installation of new signs and associated infrastructure alongside major routes into Great Yarmouth. This will have minimal impact on buried archaeological remains due to the limited amount of previous ground disturbance anticipated in these locations. The Satellite Application Sites lie in areas which are likely to have been disturbed during the modern era associated with the construction and maintenance of the modern road network, and the through the installation of existing utilities alongside the roads. The ground disturbance is expected to be shallow and would only effect shallow deposits.
- 8.3.2** Where disturbance will occur, there is a low potential for below ground remains to be disturbed relating to medieval to post-medieval date within North Quay, Fullers Way and Yarmouth Way, which will have been



subjected to previous disturbance. Below ground remains are likely to be disturbed are of low value. The impacts are likely to be no more than moderate, given the scale of disturbance anticipated, and therefore the effects Slight Adverse.

- 8.3.3 The remains of later post-medieval to modern date in the Satellite Application Sites are predicted to be of negligible value and the impacts moderate adverse. The effects, therefore, would be Neutral.

Operation Period

- 8.3.4 There will be no impact on the buried heritage assets within the Satellite Application Sites and therefore no effects.

8.4 Impacts and Effect on Above Ground Heritage Assets within the Principal Application Site

Construction Period

- 8.4.1 The Construction Phase will require the demolition of two sets of terraced housing located within the Principal Application Site: WSP04 and WSP06. Both terraces are of late 19th century date and are judged to be of low importance. As the assets will be removed entirely, the impacts before mitigation would be major adverse and the effects moderate adverse, without mitigation.
- 8.4.2 A level 1 historic building assessment would be undertaken, in accordance with Historic England's 2016 guide, titled 'Understanding Historic Buildings. A Guide to Good Recording Practice', ahead of demolition. The aim of the building assessment would be to determine the condition and value of any historic elements terraced housing, determine if additional, more detailed, building recording or monitoring is required prior to or during demolition; and to produce an archive for deposition with an appropriate museum, and to provide information for accession to the NHER, to ensure the long-term survival of the excavated data. The scope of the historic building assessment is set out in the WSI. This would reduce the effects to Slight Adverse.

Operational Period

- 8.4.3 As the above ground heritage assets within the Principal Application Site will be demolished during the construction period, there will be no impacts or effects during the operational period.



8.5 Impacts and Effect on Built Heritage Assets outside the Principal Application Site

Construction Period

8.5.1 All of the designated assets within the 1km Study Area have been assessed to determine whether the proposed scheme would have an effect on the setting. In Section 7, the following assets were judged to have a potential impact on their setting during construction:

- The Grade I listed Nelson's Monument (NHLE 1246057);
- Grade II Listed Dolphin Public House;
- Grade II Listed Gas Holder (NHLE 1096789);
- Grade II Listed The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976);
- St Nicholas Hospital Block Asset group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986);
- Camperdown Conservation Area;
- Hall Quay South Quay Conservation Area;
- Non-Designated Fish Wharf 1877 Extension Building (WSP01); Non-Designated Late 19th century terraces off Southtown Road (WSP03); and
- Non-Designated Late 19th century terraces off Southtown Road (WSP05).

8.5.2 There is a potential for temporary impacts and effects on built heritage assets in the wider landscape due to a change in the setting as a result of the construction phase. The impacts are predicted to derive from temporary visual intrusions and an increase in noise, dust, lighting, construction traffic and vibrations. The assets located in closer proximity to the Scheme are likely to see a higher level of impact as the intrusions will be more readily discerned.

Nelson's Monument (NHLE 1246057)

8.5.3 Nelson's Monument is a Grade I Listed Building and is therefore of high value, based on its architectural, historical and artistic values. The immediate setting contributes minimally towards the value of this asset, however its height, physical prominence and the broader historic links between the monument and the wider landscape, does contribute to its value. Overall, the setting is judged to have a moderate contribution to the value.



- 8.5.4 The visual intrusion of the resulting from the construction of the Scheme is predicted to present a challenge to the prominence of the asset. The infrastructure required to build the Scheme, particularly the bridge, control tower and plant room, will require the introduction of plant and equipment, such as cranes and piling rigs, which will compete visually with Nelson's Monument. The asset is already competing with other features and the Scheme will increase this impact. Views to the heritage asset from ground level on Southtown Road will also be impeded during the construction phase. The impacts on the setting of the high value asset during the construction phase are judged to be minor adverse. The effect on the high value heritage asset will be moderate adverse.

Dolphin Public House (NHLE 1096829)

- 8.5.5 The construction of the Scheme will result in a major intrusion within the setting of the Grade II Dolphin Public House (NHLE 1096829), which is of medium value. The asset is located outside of the Principal Application Site. The construction of the road and new junction with South Denes Road would be undertaken approximately 50m to the south, and would result in significant changes in the immediate setting with an increase in construction related noise, dust, vibration, etc. The area north of the heritage asset would be used as a temporary compound.
- 8.5.6 The current setting of the heritage assets is judged to provide a negligible contribution to the significance of the asset due to the high degree of change since the asset was constructed, in particular the modernisation of the Fish Wharfs and changes to the overall fishing industry in the UK which has resulted in vast reduction of human led industry here. As the contribution of the setting is negligible, the impact of construction period on the asset is also judged to be negligible, and the effects therefore Neutral.

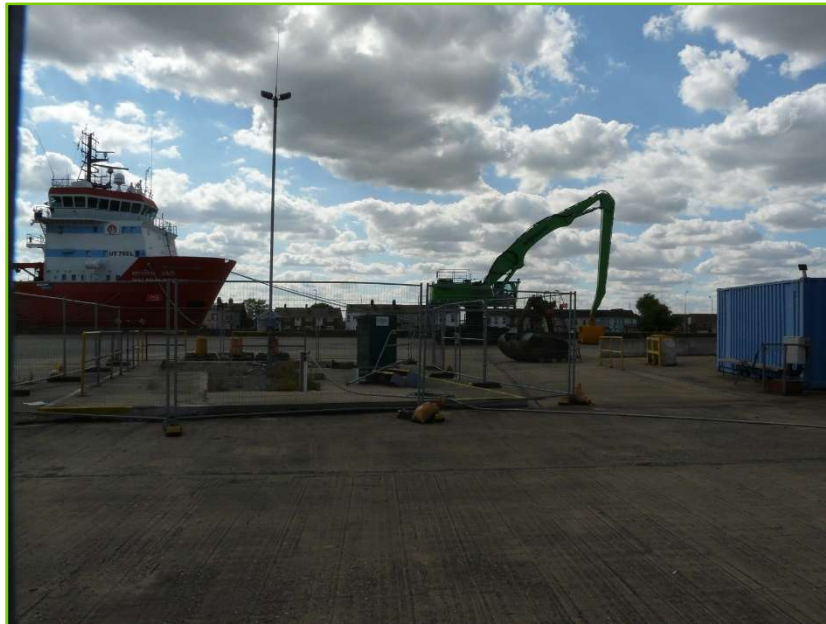


Plate 8.1: View from Dolphin Public House Facing West
Gas Holder (NHLE 1096789)

- 8.5.7** The Grade II Listed Gas Holder is a medium value asset and is located approximately 150m from the east side of the new road and bridge. Due to the proximity of the asset to the Principal Application Site, there will be temporary adverse impacts on the setting during the construction period associated with an increase in noise, vibration, construction related traffic, and plant. There will be visual impacts too, with view from the asset outwards and views towards it being substantially altered.
- 8.5.8** The setting of the Gas Holder contributes minimally to the value of the asset. The most significant element is its height and prominence in the wider landscape. The visual intrusion from the construction phase will have adverse impact on views towards Gas Holder, potentially either reducing its visibility or competing with it. Due to the combined factors and the close proximity of the asset to the Principal Application Site, the impacts during the construction will be moderate and the effects would be moderate adverse.

The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976)

- 8.5.9** The Scheme Railway Roller Coaster at Great Yarmouth Pleasure Beach is a Grade II Listed Building is therefore of medium value. The setting of the Grade II Scenic Railway Roller Coaster provides a moderate contribution to the value of the asset due to the direct relationship between the asset and its seaside location. Due to the distance between the Principal Application Site and the Roller Coaster, and intervening buildings, the two are not intervisible at ground level, where the setting is judged to be the most significant. The

Principal Application Site will be visible during the operation of the Roller Coaster due to the elevation and therefore the construction period will represent a change in the setting. Elements that would be visible would be the larger construction vehicles, such as cranes and piling rigs. The views would be fleeting and would be combined with many other visible elements across the town. The impacts are therefore judged to be negligible and the effects Neutral.

St Nicholas Hospital Block Asset Group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986)

- 8.5.10 The heritage assets are assessed as a group and are of high value. The construction phase of the Scheme will introduce some temporary localised impacts on setting of the St Nicholas Hospital Block Asset group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986) from an increase in noise, minor visual disruption and vibration which could impact on the sense of tranquillity and enclosure in the immediate setting of the Hospital. The asset groups are mainly screened from the Principal Application Site by buildings and there are no views in either direction at street level. There is a potential, however for some visibility from upper floor windows at the south-west corner, particularly of larger plant (e.g. cranes, piling rigs). These impacts are judged to be minor adverse, and would be temporary and reversible. The asset group as a whole is of high value, and therefore the effects slight adverse.

Camperdown Conservation Area

- 8.5.11 The Camperdown Conservation Area is of medium value and the setting of the Camperdown Conservation Area provides a moderate contribution to the overall value of the asset. The significance is drawn from the spatial hierarchy evident within the Conservation Area, and the relationship with the historic core of Great Yarmouth and the recreational Seafront area. Part of the setting is the residential character of the Conservation Area, and the noise associated with the construction phase would form an audible intrusion within the southern end of the Conservation Area (around Dickens Avenue). The noise associated with the construction is unlikely to be discerned beyond the southern boundary due to the distance. There is no intervisibility between the Conservation Area and the Scheme and there is no anticipated increase in traffic.
- 8.5.12 The Conservation Area of medium importance. The impacts on the setting would be negligible and the significance of effects neutral.

Hall Quay South Quay Conservation Area

- 8.5.13 The Hall Quay South Quay Conservation Area is a high value heritage asset, due to the number of heritage assets of national significance contained within it, and the setting is judged to provide a substantial contribution to its

value. The main elements of the setting which contribute to the value are the coastal location, the proximity of the Rivers Yare and Bure, and its position within medieval town. One of the key views identified is along South Quay from Hall Quay and South along the River Yare, although no details on why these have been defined as key views are provided.

- 8.5.14** The Principal Application Site is visible from South Quay and Hall Quay Road and therefore the construction phase will result in a change in one of the key views out from the Conservation Area. Due to the distance (c. 800m), the change in views will be limited. There is already competition in the view from existing infrastructure, and from vehicles using the road. The River Yare is also a busy shipping lane with large vessels frequently using it. There are no predicted changes in noise levels due to the distance and the impacts from any change in lighting during the construction phase. The impacts on the Conservation Area, which a high value asset, during construction are therefore judged to be negligible and the effects slight.



Plate 8.2: View from South Quay within Hall Quay South Quay Conservation Area South Towards the Principal Application Site

Gorleston Extension Conservation Area

- 8.5.15** The Gorleston Extension Conservation Area is located approximately 500m to the south of the Principal Application Site. The Conservation Area is judged to be of medium value and the setting providing a minor contribution. The Principal Application Site is visible from a limited number of areas within

the Conservation Area when looking north along the River Yare. The construction phase will see an alteration to this one view, however there are unlikely to be impacts from noise, lighting, traffic, etc. The impacts would therefore be negligible and the effect neutral.

Non-Designated Fish Wharf 1877 Extension Building (WSP01)

- 8.5.16 The setting of the Fish Wharf 1877 Extension Building provides a moderate contribution to the significance due to its river side location and the historic relationship to the Fish Wharf. The proximity of the Scheme to the Extension Building would result in a substantial visual impact on the heritage asset during the construction period due to an increase in traffic, noise, lighting and pollution associated with the construction phase. The impacts associated with the construction phase would be moderate adverse. As the buildings is a low value heritage asset, the effects would be slight adverse.

Non-Designated Late 19th Century Terraces off Southtown Road (WSP03)

- 8.5.17 The late 19th century terraces off Southtown Road are also a low value asset, and the setting provides a minor contribution to its significance. The Scheme will result in a considerable change in the assets setting during the construction due to the proximity of the assets to the Principal Application Site. There will be an increase in construction related traffic, noise, lighting, dust and vibration. As the setting is only a minor contribution, however, the impacts on the asset would be minor adverse and the effects during construction slight adverse.

Non-Designated Late 19th Century Terraces off St Anne's Road (WSP05)

- 8.5.18 The terrace comprises of three domestic buildings of late 19th century date and are of low value. The setting is judged to provide a minor contribution to the significance as they represent the expansion of settlement in Southtown in the later 19th century. The Scheme will result in a considerable change in the assets setting during the construction due to the close proximity of the asset to the Principal Application Site. There will be an increase in construction related traffic, noise, lighting, dust and vibration. As the setting is only a minor contribution, however, the impacts on the asset would be minor adverse and the effects during construction slight adverse.

Operational Period

- 8.5.19 There is a potential for permanent impacts and effects on built heritage assets in the wider landscape due to a change in the setting during operation. The impacts are predicted to derive from the visual intrusion resulting from the Scheme, along with an increase in noise, pollution, and vibration, associated with the direction of traffic through the Scheme. The impact of the Scheme would be increased by the movement of traffic and pedestrians across it, and the introduction of a vehicle lighting and a



moderate increase in the level of noise (+5.0 to 9.9 dB, ES, Figure 7.2). from vehicles using the Scheme. There are anticipated to be limited impacts due to artificial lighting associated with the Scheme, however, as any additional lighting would be consistent with the baseline conditions (see Chapter 10: Townscape and Visual, Section 10.7).

8.5.20 Following the setting assessment undertaken (see Section 7), the following built heritage assets in the have been identified as potentially sensitive receptors during construction:

- The Grade I listed Nelson's Monument (NHLE 1246057);
- Grade II Listed Dolphin Public House (NHLE 1096829);
- Grade II Listed Gas Holder (NHLE 1096789);
- The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976);
- St Nicholas Hospital Block Asset group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986);
- Camperdown Conservation Area;
- Hall Quay South Quay Conservation Area;
- Gorleston Extension Conservation Area;
- Non-Designated Fish Wharf 1877 Extension Building (WSP01);
- Non-Designated Late 19th century terraces off Southtown Road (WSP03); and
- Non-Designated Late 19th century terraces off St Anne's Road (WSP05).

Nelson's Monument (NHLE 1246057)

8.5.21 Nelson's Monument is a high value heritage asset (Grade I Listed Building) and the immediate setting contributes minimally towards the value of this asset. The introduction of the road, bridge, control tower and plant room will introduce features within the wider setting of Nelson's Monument which have the potential to challenge the visual prominence of the asset. The visual challenge will be higher during the time when the bridge is in the raised position (up to 5.5 minutes per vessel passage). The Scheme will also change the views towards the asset from the north and north-west, and will block some currently existing views at the current street level. The asset is already facing significant challenges to its visual prominence due to the variety of feature in the modern landscape, including cranes and large commercial structures, and therefore the Scheme will represent a cumulative change in the setting. It is important to note, however, that the introduction of the Scheme will provide a new opportunity to view the asset from an elevated position from the bridge.

- 8.5.22 The visual prominence in the wider landscape represents an important aspect of the asset's setting and therefore any changes to this would impact on the asset. The impacts on the setting are judged to be minor, as the setting would be noticeably changed, but not significantly modified. The effects on the high value asset would be Moderate Adverse.

Dolphin Public House (NHLE 1096829)

- 8.5.23 The Construction of the Scheme will result in a major modification of the setting of the Grade II Dolphin Public House (NHLE 1096829), which is of medium value. The introduction of the bridge and highway immediately to the south would significantly alter the views to and from the asset. There would also be a substantial increase in traffic, noise, pollution in the immediate vicinity, which have an adverse impact on the asset. As the setting provides a negligible contribution to the significance of the asset, the impact is also negligible. The effects would be neutral.
- 8.5.24 The asset is outside of the Principal Application Site and Scheme does not include any elements which will directly provide any beneficial impacts, however there is a potential for future beneficial impacts once the Scheme is operational. The Scheme would result in an increase human activity in the area with road users and pedestrians using the bridge, and the improved transport route to the South Denes area should stimulate the redevelopment of the area. Future development proposals could include proposals which will bring the asset back into active use and could ensure the long-term stability of the structure.

Gas Holder (NHLE 1096789)

- 8.5.25 The Grade II Listed Gas Holder is a medium value asset and is located approximately 150m from the east side of the Principal Application Site. The introduction of the Scheme will represent a substantial change in the immediate setting of the Grade II Listed Building Gas Holder. The Scheme will challenge and compete with the visual prominence of the asset, due to the scale and proximity of the Scheme to the asset. The impact of the Scheme will be increased by the movement of traffic and pedestrians across it, and the introduction of a lighting and noise from vehicles using the Scheme. The Scheme will significantly change the views at current street level from the west and the road and bridge will block some existing views. New views will be introduced towards it from the bridge itself, however. The setting of the Gas Holder has a minor and largely unintentional contribution to the value of the asset. The Scheme will have a moderate impact on the setting as it will be significantly modified. The effects on the medium value asset would be moderate adverse.

The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976)

- 8.5.26 The Grade II Scenic Railway Roller Coaster a medium value asset and is located approximately 600m to the east of the Principal Application Site. There is no intervisibility between the asset and the Principal Application Site at street level and the presence of buildings between the two prevent the Scheme from being visible when the bridge leaf would be raised. The Scheme would be visible, however, when using the Roller Coaster due to the elevated height. The elements of the Scheme predicted to be visible would be upper level of the control tower, plant room and the bridge. There may also be an impact from an increase in lighting on the bridge and lights from larger vehicles using the bridge. The length of time where the Scheme would be visible are short due to the speed of the Roller Coaster, and would merge with other visible elements in the wider landscape. The presence of the Scheme would not change the experience of the using the Roller Coaster significantly. The impacts are therefore judged to be negligible and the effects Neutral.

St Nicholas Hospital Block Asset Group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986)

- 8.5.27 The assets are of high importance, based on their group value. The site visit has confirmed that the asset group shares no intervisibility with the Principal Application Site at street level and may have some potential slight intervisibility at the upper floors in the south-east corner of the southern wing of Grade II* main hospital building (NHLE 1245983). The elements which could be visible would be the upper part of the plant room on the east side of the River Yare, and the eastern bridge leaf when it is in the open position. Any visibility of the open bridge would be for short periods of time (approximately 5 minutes) and up to 15 times over a 24-hour period.
- 8.5.28 The impact of the scheme during the operation period is judged to be negligible due to very limited predicted visibility. The elements that are potentially visible would not change the setting in a way that would alter the contribution of the setting to the importance of the asset group. Due to the high value of the assets, the effects are slight adverse.

Camperdown Conservation Area

- 8.5.29 There is currently no intervisibility between the Camperdown Conservation Area, a medium value asset, and the Principal Application Site and they share no key views. There will be no changes in sound, lighting, or traffic volumes as a result of the Scheme within the Conservation Area. There is a potential the raised bridge leaf would be visible from the area to the east of the St Nicholas's Hospital and from the east of Queen's Road above the roof

lines of the buildings, however the Scheme would not be visible the majority of the time when the bridge is in the closed position.

- 8.5.30 The occasional visibility of the bridge when it is raised would not impact on the elements of the setting which contribute to the importance of the Camperdown Conservation Area. The Scheme is therefore judged to have no change and the significance of effect neutral.

Hall Quay South Quay Conservation Area

- 8.5.31 Hall Quay South Quay Conservation Area is a high value asset and the boundary is located approximately 900m from the Principal Application Site. The operation of the Scheme will result in a change in a key view from the Conservation Area, south from Hall Quay South Quay Road along the River Yare. The Scheme would not visible from anywhere else within the Conservation Area.
- 8.5.32 The introduction of the Scheme would slightly reduce the existing long distance along the River Yare. At street level, it is possible to see south along the River Yare up to where the water course curves slightly to the east, around the Fish Wharfs area. The position of the bridge here will shorten the view and impose upon it. There will be impacts on the view too due to the introduction of lighting and from the visibility of traffic using the bridge.
- 8.5.33 The introduction of the Scheme will provide some beneficial impacts on the Conservation Area, however. The purpose of the Scheme is to reduce the impact of traffic in Great Yarmouth and the Conservation Area will directly benefit from this.
- 8.5.34 During the operation phase, the impacts of the Scheme on the Hall Quay South Quay Conservation Area are judged to be negligible. There will be a slight change in one key view, south along the River Yare which will see the distance shortened very slightly, and while the bridge, control tower and plant room will provide a new visual intrusion, there exist a number of other intrusions within the view currently. The nature of the Scheme is entirely in keeping with the maritime character of the area. The Scheme will not impact on the elements of the setting of the Conservation Area which contribute to its value, and some beneficial impacts will be delivered due to the reduction in traffic volumes using Hall Quay and South Quay. As the value of the Conservation Area is judged to be high and the contribution of the setting substantial, the effects are slight adverse.

Gorleston Extension Conservation Area

- 8.5.35 The Gorleston Extension Conservation Area is a medium value asset. The Principal Application Site would be visible from a small number of locations in the Gorleston Extension Conservation Area, including Riverside Road,

Ferry Hill and High Street. The introduction of the Scheme would alter the views up river from the Conservation Area, with the bridge, the control tower and the plant room being visible. Both sides of the bridge would likely be visible when raised in these locations. The majority of the Conservation Area is screened from the Principal Application Site.

- 8.5.36 The impacts of the Scheme on the Conservation Area would be negligible as the setting of the Conservation Area would not be altered in a way that would reduce the contribution of the setting to the asset. The effects of the Scheme would therefore be neutral.

Non-Designated Fish Wharf 1877 Extension Building (WSP01)

- 8.5.37 The Non- Designated Fish 1877 Wharf Extension Building is a low value asset. The setting of the asset provides a moderate contribution to the significance due to its river side location and the historic relationship to the Fish Wharf. The proximity of the Scheme to the Extension Building would have a visual impact on the heritage asset and would see an increase in movement from traffic, an increase in traffic noise, vehicle lighting and pollution from the vehicles using the road and the bridge. The Scheme will also see the partial loss of the former Fish Wharf area, however the historic relationship between the asset and the 19th century Fish Wharf site has already been irreversibly lost. The Scheme will not, however, disrupt the relationship between the building and the river, which does provide an important part of the setting. The impacts are therefore judged to be minor adverse and the effects slight adverse.

Non-Designated Late 19th Century Terraces off Southtown Road (WSP03)

- 8.5.38 The late 19th century terraces off Southtown Road are of low value and are located outside of the Principal Application Site. The buildings will be retained, however much of the immediate surroundings would be altered with the introduction of the Scheme. The new road and bridge would be built over Southtown Road, with an underpass maintaining access north and south along Southtown Road, north of the assets. The positioning of the road and bridge would also form a barrier between them and the other buildings located north along Southtown Road, which may result in increased sense of isolation.
- 8.5.39 Although there would be a great deal of change in the setting, the contribution of the setting to the value of the late 19th century terraces is medium, and therefore the impacts only minor. The significance of effects would be slight adverse.

Non-Designated Late 19th Century Terraces off St Anne's Road (WSP05)

- 8.5.40 The terrace buildings on St Anne's Road which would be retained are low value heritage assets and the setting has a minor contribution. The Scheme

would result in a substantial change in the immediate setting of the heritage asset, with the views to the north blocked by the road and bridge. The Scheme will also see an increase in traffic using the road and bridge, and a change in noise, vibration and pollution. The impacts on the asset would be minor and the significance of effects would be slight adverse.

8.6 Impacts and Effect on Built Heritage Assets outside the Satellite Application Site

Construction Period

- 8.6.1** All of the designated assets within the 250m Study Area of the Satellite Application Sites have been assessed to determine whether the proposed scheme would have an effect on the setting during the construction period. The disruption and impacts to the setting of the heritage assets in the Satellite Application Sites during the construction period is judged to be neutral as it comprises the installation of VMS in an urban environment. The effects are therefore neutral.

Operation Period

- 8.6.2** All of the designated assets within the 250m Study Area of the Satellite Application Sites have been assessed to determine whether the proposed scheme would have an effect on the setting during the operation period. In Section 6, the following assets were judged to have a potential impact on their setting during operation:

- Scheduled Monument medieval Town Walls (NHLE 1003782); and
- Grade I Listed The Tolhouse (NHLE 1245560).

Medieval Town Walls (NHLE 1003782)

- 8.6.3** The Satellite Application Site on North Quay is located 30m from an extant section of the Scheduled Monument Town Walls (NHLE 1003782), which is of high value. The positioning of the VMS close to an upstanding part of the monument may result in it causing a slight visual distraction when approaching the monument from the north along North Quay, although due to the size of the VMS compared to the monument and the presence of other many other visual distractions, the impacts are judged to be neutral, and the effects neutral.

The Tolhouse (NHLE 1245560)

- 8.6.4** The Tolhouse structure was built in the mid-12th century as a merchant's house and is Grade I Listed. It is of high value. It is located approximately 50m from the Satellite Application Site on Yarmouth Way. The position of the VMS will mean limited intervisibility between the asset and the VMS and



there will be negligible impact on the Grade I Listed Building. The effects on the high value heritage asset would be slight adverse.



9 Assessment of Harm to Designated Heritage Assets

9.1 Introduction

- 9.1.1 The NPS NN and NPPF states that substantial harm to or loss of a Grade II Listed Building or a Grade II Registered Park or Garden should be exceptional, and wholly exceptional for Scheduled Monuments, Grade I and II* Listed Buildings, Registered Battlefields, and Grade I and II* Registered Parks and Gardens. The assessment of magnitude of harm is determined by the impact of the development on the value and interest of the heritage asset (architectural, historic, archaeological, and/or artistic). The assessment of harm is expressed on a three-point scale: Minor Harm and Harm (both constitute “Less than Substantial Harm”) and Substantial Harm.

9.2 Assessment of Harm to Heritage Assets Within the Principal Application Site

- 9.2.1 There are no designated heritage assets within the Principal Application Site.

9.3 Assessment of Harm to Heritage Assets Outside of the Principal Application Site

- 9.3.1 The assessment has identified 12 designated heritage assets in a 1km Study Area which have the potential to be harmed by the introduction and operation of the Scheme due a change in their setting (see Section 7.1.10). They comprise of the following assets:

- The Grade I listed Nelson’s Monument (NHLE 1246057);
- Grade II Listed Dolphin Public House (NHLE 1096829);
- Grade II Listed Gas Holder (NHLE 1096789);
- Grade II The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976);
- St Nicholas Hospital Block Asset group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986);
- Camperdown Conservation Area;
- Hall Quay South Quay Conservation Area; and
- Gorleston Extension Conservation Area.



Nelson's Monument (NHLE 1246057)

9.3.2 Nelson's Monument is a Grade I Listed Building and is therefore of high value, based on its architectural, historical and artistic values. The assessment has established that its immediate setting contributes minimally towards the value of this asset, however the wider setting does contribute to its value. The impacts on the setting are judged to be slight, as the setting would be noticeably changed, but not significantly modified, and the effects Moderate Adverse.

9.3.3 The Scheme would not result in a significant change to the architectural, historical and artistic interest of the Nelson's Monument. The Scheme will slightly reduce the contribution the setting makes in a few locations in the wider setting by diminishing its visual prominence, however the introduction of the Scheme will provide new opportunities to view the asset from the bridge itself. The Scheme would therefore have Less than Substantial Harm on Nelson's Monument.

Dolphin Public House (NHLE 1096829)

9.3.4 The Dolphin Public House is designated as Grade II Listed Building and is located adjacent to the Principal Application Scheme. It will not be directly physically impacted by the Scheme. The Dolphin is not currently in use, however externally it appears to be in good condition. The Dolphin is of medium value, with its interest drawn from both its architectural and historic interest. Its direct relationship with the 19th century Fish Wharf is a key part of its historic interest.

9.3.5 The Scheme would result in a major modification of the setting of the Grade II Dolphin Public House (NHLE 1096829). The introduction of the bridge and highway immediately to the south would significantly alter the views to and from the asset. There would also be a substantial increase in traffic, noise, pollution and lighting in the immediate environment, which have an adverse impact on the asset. The setting, however, is judged to have a negligible contribution to the value of the asset due to the high degree of change that has occurred with the modernisation of the port, resulting in the loss of historic elements (mainly the Fish Wharf).

9.3.6 The Scheme would not reduce the architectural interest of the asset as the building would be retained and would not be materially altered in anyway. The historic interest is no longer manifest substantially in the setting due to the level of modernisation required for the Fish Wharf, and so this would also remain unchanged. The asset appears to be in good condition, however the continued lack of use of the building would in the long term leave it at risk from degradation. While there are no opportunities included within the Scheme which include the asset, there is a potential for opportunities for the asset to be brought back into use following its completion and these are

should be encouraged. The impact of the Scheme would, therefore, be No Harm.

Gas Holder (NHLE 1096789)

- 9.3.7** The Gas Holder was built in the 1880s and was designated as a Grade II Listed Building in 1998. As it is a Grade II listed building, it is of medium value, based largely on its architectural value, which is increased by the use of ornate elements within an otherwise utilitarian structure. Historically, it is representative of 19th century efforts to provide a regular and constant gas supply to businesses and homes which also adds to its value. The setting provides a minor contribution due to the size and prominence of the structure.
- 9.3.8** The introduction of the Scheme will not impact significantly on the architectural interest of the Gas Holder, as there will be no direct physical impacts, and will not change the historic value in anyway. The asset has unintentionally become a prominent feature in the wider landscape and the Scheme will impact on the asset by reducing and removing some views towards it. The impacts are judged to be minor and would be Less than Substantial Harm.

The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach (NHLE 1436976)

- 9.3.9** The Scenic Railway Roller Coaster at Great Yarmouth Pleasure Beach is located on the beachfront, approximately 1km to the west of the Scheme. The value of the asset is drawn from its age/rarity, architectural and historic interest. The Scheme would not be visible at street level, however it would be visible when riding the Roller Coaster; albeit fleetingly. The assessment has determined that there will be negligible impacts and no Harm on the setting of the Roller Coaster and the value of the asset will not be altered due to the Scheme.

St Nicholas Hospital Assets Group (NHLE 1245982, 1245983, 1245984, 1245985 and 1245986);

- 9.3.10** St Nicholas Hospital comprises two Grade II* and three Grade II Listed Buildings. The main hospital building comprises a four-wing hospital block, arranged around a central quadrangle (NHLE 1245983). To the north is the main entrance block (NHLE 1245984), and to the south is the South Block (NHLE 1245985) and CSSD Store, built as a mortuary and chapel (NHLE 1245982). The site is enclosed by walls and railings (NHLE 1245986). The hospital was built in 1809 to 1811 and then became a naval barracks in 1818. It was later used as a general hospital.
- 9.3.11** The main block and entrance block are Grade II* listed and are therefore of high value, while the remainder are Grade II and have medium value. The

group as a whole is judged to be a high value. The value of all the assets is drawn from their architectural and historical values. They are an example of early 19th century military and hospital planning architecture, and it was noted for its use of a well-lit and ventilated design. Its presence provides a clear link with the area's Great Yarmouth naval past.

- 9.3.12** The impact of the Scheme during the operation period is judged to be negligible due to very limited predicted visibility of the Scheme at the asset. The elements that are potentially visible would not change the setting in a way that would alter the contribution of the setting to the importance of the asset group, and would not change the architectural and historical value of the asset group. The Scheme would cause No Harm to the asset group.

Camperdown Conservation Area

- 9.3.13** The value of the Conservation Area is judged to be medium due to the majority of the designated assets contained within it being of Grade II designation. The value also reflects the degree of change and the insertion of modern development within the Conservation Area. The significant elements of the Conservation Area setting are the combination of urban and coastal location.
- 9.3.14** There is currently no intervisibility between the Camperdown Conservation Area and the Principal Application Site and they share no key views. There is a potential the raised bridge leaf would be visible from the area to the east of the St Nicholas's Hospital and from the east of Queen's Road above the roof lines of the buildings, however the Scheme would not be visible the majority of the time when the bridge is in the closed position. The occasional visibility of the bridge when it is raised would not impact on the elements of the setting which contribute to the importance of the Camperdown Conservation Area. The Scheme is therefore judged to have no change and there will be No Harm.

Hall Quay South Quay Conservation Area

- 9.3.15** The Hall Quay South Quay Conservation Area lies approximately 1km north of the Principal Application Site. The Conservation Area is located within the historic core of Great Yarmouth, defined by the Town Walls. It contains four Scheduled Monuments, and 44 listed buildings (three Grade I, four Grade II* and 37 Grade II). The importance of the Conservation Area is drawn from its architectural and also strongly from its historic interest too. Based on the number of high value assets contained within the Conservation Area, the importance of it is judged to be also high. The setting of the Conservation Area has a substantial contribution to its value.
- 9.3.16** During the operation phase, the impacts of the Scheme on the Hall Quay South Quay Conservation Area are judged to be negligible. There will be a slight change in one key view, south along the River Yare which will see the

distance shortened very slightly, and while the bridge, control tower and plant room will provide a new visual intrusion, there exist a number of other intrusions within the view currently. There is also a potential for the Scheme to provide beneficial impacts with a reduction in traffic volume along Hall Quay and South Quay.

- 9.3.17** The change in Scheme will not impact on the architectural and historic interest of the Conservation Area and there will be a very limited change in the contribution of the setting. The impacts will therefore be Less than Substantial Harm.

Gorleston Extension Conservation Area

- 9.3.18** The Gorleston Extension Conservation Area boundary lies approximately 500m to the south of the Principal Application Site. The lack of Conservation Area appraisal limits the opportunity to assess the value and importance of the Conservation Area as the character of it has not been defined. It is assumed that this is based mostly on the architectural interest. The impacts of the Scheme on the Conservation Area would be negligible as the setting of the Conservation Area would not be altered in a way that would reduce the contribution of the setting to the asset. The Scheme would therefore have No Harm on the asset.

9.4 Assessment of Harm to Heritage Assets within the Satellite Application Sites

- 9.4.1** There are no designated heritage assets within the Satellite Application Site.

9.5 Assessment of Harm to Heritage Assets Outside of the Principal Application Site

- 9.5.1** The assessment has identified two designated heritage assets in a 250m Study Area which have the potential to be harmed by the introduction and operation of the Scheme due to a change in their setting:

- The Scheduled Monument Medieval Town Walls (NHLE 1003782); and
- The Grade I Listed Tolhouse (NHLE 1245560)

Medieval Town Walls (NHLE 1003782); and

- 9.5.2** The Satellite Application Site on North Quay is located 30m from an extant section of the Scheduled Monument Town Walls (NHLE 1003782), which is of high value. The impacts of the Scheme on the setting of the Scheduled Monument would be neutral, and therefore there would be No Harm on the asset.



The Tolhouse (NHLE 1245560)

- 9.5.3 The Tolhouse is of a high value asset and is located approximately 50m from the Satellite Application Site on Yarmouth Way. The position of the VMS will mean limited intervisibility between the asset and the VMS and there will be negligible impact on the Grade I Listed Building from a change of setting. The Scheme will not impact on the architectural and historic interest of the Tolhouse and there will a very limited change in the contribution of the setting. The impacts will therefore be Less than Substantial Harm.

10 Conclusion

- 10.1.1** A total of 18 buried heritage assets have been identified within the Principal Application Site, of which eight are identified as being of low importance and the remainder negligible. The impacts will be moderate to major adverse and the effects moderate adverse on the low value assets before mitigation, reducing to minor adverse with mitigation through preservation by record.
- 10.1.2** There is a potential for currently unknown buried archaeological assets to be present within the Scheme, including deeply stratified deposits which may not have been disturbed by modern development. Due to the proximity of the Principal Application Site to the River Yare and the medieval shoreline, there is potential for buried remains associated with maritime activity, and for high level of preservation of remains, such as wood, in waterlogged deposits.
- 10.1.3** An archaeological evaluation will be required prior to construction in order to establish the presence, extent and value of the buried archaeological resource. The importance of such remains is unknown and may range from Negligible to High value. Any early prehistoric artefacts of Palaeolithic date would be classed as being of international significance and Very High value. The impacts on buried assets within the Principal Application Site would be major adverse and the effects would therefore vary from slight to very large adverse.
- 10.1.4** The construction phase will require the demolition of two sets of terraced housing located within the Principal Application Site on the western side of the River Yare (WSP04 and WSP06). Both terraces are of late 19th century date and are judged to be of low importance. As the assets will be removed entirely, the impacts before mitigation would be major adverse and the effects moderate adverse, without mitigation. There is a potential for the effects to be reduced through a programme of historic building recording which will allow for preservation by record and would reduce the effects to slight adverse.
- 10.1.5** The construction and operation phase will result in significant effects on Grade I Listed Nelson's Monument (NHLE 1246057) and the Grade II Listed Gas Holder (NHLE 1096789) due to changes in the setting. The Scheme will have moderate adverse impacts on their settings due to the visual intrusion, particularly from the bridge, the control tower and the plant room, which will present a major change in the skyline. Both are visually dominant features in the local area and this contributes to the importance of each asset. The effects on Nelson's Monument, a Grade I Listed Building of high value, will be moderate adverse, due to the distance and varying level of impact on the views towards the monument. The effect on the Grade II listed Gas Holder, a medium value asset, is also predicted to be moderate adverse due to the close proximity of the Gas Holder to the bridge. The impacts identified would

have a Less than Substantial Harm on these assets, however, as the value of the assets would remain largely unchanged.

- 10.1.6** There will be adverse impacts on the settings of three non-designated built heritage assets during construction and operation period (Fish Wharf 1877 Extension Building (WSP01), Late 19th century terraces off Southtown Road (WSP03) and Late 19th century terraces off St Anne's Road (WSP05). All are low value assets and the setting represents a minor contribution to the value: the effects are therefore slight adverse effect.
- 10.1.7** The Scheme includes six Satellite Application Sites for the installation of VMS. The Satellite Application Sites on North Quay, Fullers Way and Yarmouth Way are located within the medieval town, as defined by the remain of the town walls, and there is a potential for buried remains in these locations, although they are predicted to have been heavily disturbed. The amount of ground disturbance associated with the installation of VMS is predicted to be minimal.
- 10.1.8** The Satellite Application Site on North Quay is located 30m from an extant section of the Scheduled Monument Town Walls (NHLE 1003782). The positioning of the VMS close to an upstanding part of the monument may result in it causing a slight visual distraction when approaching the monument from the north along North Quay, although due to the size of the VMS compared to the monument and the presence of other many other visual distractions, the impacts are judged to be neutral, and the effects neutral.
- 10.1.9** The Tolhouse structure was built in the mid-12th century as a merchant's house and is Grade I Listed. It is located approximately 50m from the Satellite Application Site on Yarmouth Way. The position of the VMS will mean limited intervisibility between the asset and the VMS and there will be negligible impact on the Grade I Listed Building. The effects on the high value heritage asset would be slight adverse.



Annex A: Historic Environment Gazetteer

A1.1 Introduction

- A1.1.1** The Historic Environment Gazetteer is based on the data held in the National Heritage List for England (NHLE), the Norfolk Historic Environment Record (NHER) and a result of the walkover survey undertaken as part of the DBA. The Gazetteer includes a summary of the potential and residual effect for all sites identified within the desk-based study area, showing the extent and contribution of the various mitigation measures proposed.

A1.2 Study Areas

- A1.2.1** The study area which has been adopted for the assessment of cultural heritage features extends to 500m around the Proposed Scheme for non-designated cultural heritage assets, and 1km around the scheme options for designated assets (World Heritage Sites, Scheduled Monuments, Listed Buildings, Registered Park and Garden, Registered Battlefield and Conservation Area). The Study Area for the road traffic signs extends 250m around the proposed locations for designated cultural heritage assets.
- A1.2.2** The location of the cultural heritage assets is shown in Figure 9.1 and 9.2 in the ES (document reference 6.1).

A1.3 Assessment of Value

- A1.3.1** An indication of the value of the cultural heritage assets is provided in the Tables below based on the assessment undertaken. The assessment of the value of cultural heritage assets involves consideration of how far the asset(s) contribute to an understanding of the past, through their individual or group qualities, either directly or potentially. These are professional judgements, but they are also guided by legislation, national policies, acknowledged standards, designations, criteria and priorities. The assessment of value (also referred to as significance) is undertaken in line with DMRB guidance (Annexes 5, 6 and 7), and in compliance with the NPPF.

A1.4 Assessment of Impact

- A1.4.1** The assessment of the magnitude of impact (i.e. change) is the identification of the degree of the effect of the scheme on the heritage assets. There is no standard scale of comparison against which the severity of effects on heritage assets may be judged, because of the great variety of resources

and assets. The assignment of a magnitude of impact is a matter of professional judgement.

Table A.1: Summary of Criteria to Assess Magnitude of Impact Criteria

Impact	Description
Major	<ul style="list-style-type: none"> Change to most or all key archaeological materials or key historic building elements, such that the resource is totally altered. Comprehensive changes to setting
Moderate	<ul style="list-style-type: none"> Changes to many key archaeological materials or key historic building elements, such that the resource is clearly modified. Considerable changes to setting that affect the character of the asset.
Minor	<ul style="list-style-type: none"> Changes to key archaeological materials or key historic building elements, such that the asset is slightly altered. Slight changes to setting.
Negligible	<ul style="list-style-type: none"> Very minor changes to archaeological materials or historic building elements, or setting.
No Change	<ul style="list-style-type: none"> No change

A1.5 Assessment of Significance of Effects

A1.5.1 The significance of effect on designated and non-designated heritage assets has been derived from a consideration of the sensitivity/value of the receptor and the magnitude of the impact upon it, as illustrated by the matrix presented below.

Table A.2: Impact Significance

		Magnitude of Impact				
		Major	Moderate	Minor	Negligible	No Change
Value	Very High	Very Large	Large/ Very Large	Moderate/ Large	Slight	Neutral
	High	Large/ Very Large	Moderate/ Large	Moderate/ Slight	Slight	Neutral
	Medium	Moderate/ Large	Moderate	Slight	Neutral/ Slight	Neutral

Magnitude of Impact						
	Low	Slight/ Moderate	Slight	Neutral/ Slight	Neutral/ Slight	Neutral
	Negligible	Slight	Neutral/ Slight	Neutral/ Slight	Neutral	Neutral
	Unknown	Unknown	Unknown	Unknown	Unknown	Unknown

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Abbreviations:

HER – Historic Environment Record

NHLE – National Heritage List Entry

WSP – Sites identified by WSP during walkover

Table A.3: Summary of British Archaeological and Historical Periods and Date Ranges

Date Range	
Prehistoric Period:	
• Palaeolithic	500,000 – 10,000 BC
• Mesolithic	10,000 – 3,500 BC
• Neolithic	3,500 – 2,200 BC
• Bronze Age	2,200 – 700 BC
• Iron Age	700 BC – AD 43
Romano-British	AD 43 – AD 410
Early Medieval (Anglo-Saxon and Viking periods)	AD 410 – AD 1066
Late Medieval	AD 1066 – AD 1540
Post-medieval	AD 1540 – c1750
Industrial Period	cAD1750 – 1901



Date Range	
Modern	Post-1901

A1.6 Principal Application Area

Table A.4: Scheduled Monuments: Principal Application Area

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1003782	TOWN WALLS	652572	307583	High	No Change	Neutral	N/A	Neutral
NHLE 1003958	NOS 6, 7 AND 8, ROW 111, SOUTH QUAY	652459	307195	High	No Change	Neutral	N/A	Neutral
NHLE 1004020	MERCHANT'S HOUSE, ROW 117, SOUTH QUAY	652462	307141	High	No Change	Neutral	N/A	Neutral
NHLE 1017910	GREYFRIARS FRANCISCAN FRIARY	652398	307343	High	No Change	Neutral	N/A	Neutral

Table A.5: Grade I Listed Buildings: Principal Application Area

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245560	THE TOLHOUSE	652496	307253	High	No Change	Neutral	N/A	Neutral
NHLE 1245915	REMAINS OF THE CHURCH OF THE GREYFRIARS	652403	307330	High	No Change	Neutral	N/A	Neutral
NHLE 1245919	ST GEORGES THEATRE	652612	307348	High	No Change	Neutral	N/A	Neutral
NHLE 1246057	NELSONS MONUMENT	652999	305508	High	Moderate adverse setting	Moderate – Setting	N/A	Moderate – Setting

Table A.6: Grade II* Listed Buildings: Principal Application Area

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245561	GREAT YARMOUTH POTTERIES	652727	306909	High	No Change	Neutral	N/A	Neutral
NHLE 1245800	CUSTOM HOUSE	652406	307237	High	No Change	Neutral	N/A	Neutral
NHLE 1245803	25, SOUTH QUAY	652438	307190	High	No Change	Neutral	N/A	Neutral
NHLE	OLD MERCHANTS	652462	307142	High	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1245917	HOUSE							
NHLE 1245922	THE HIPPODROME	653048	307119	High	No Change	Neutral	N/A	Neutral
NHLE 1245983	ST NICHOLAS HOSPITAL MAIN BLOCK	652890	306400	High	Minor Adverse – Setting	Slight– setting	N/A	Slight– setting
NHLE 1245984	ST NICHOLAS HOSPITAL MAIN ENTRANCE RANGE	652840	306464	High	Minor Adverse – Setting	Slight– setting	N/A	Slight– setting
NHLE 1271278	OLD WHITE LION PUBLIC HOUSE	652635	307081	High	No Change	Neutral	N/A	Neutral
NHLE 1271608	THE WINTER GARDENS	653148	306762	High	No Change	Neutral	N/A	Neutral

Table A.7: Grade II Listed Buildings: Principal Application Area

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096787	MAYFLOWER HOTEL (NUMBER 5) ST GEORGES HOTEL (NUMBERS 7-8)	652980	306784	Medium	No Change	Neutral	N/A	Neutral
NHLE	GAS HOLDER	652739	306149	Medium	No Change	Moderate –	N/A	Moderate –

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1096789						setting		setting
NHLE 1096790	SOUTHTOWN AND GORLESTON METHODIST CHURCH	652411	305346	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096791	TOWER FISH CURING WORKS	652766	306976	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096804	REMAINS OF AUSTIN FRIARS PRIORY	652417	305260	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096805	DONNA DOONE HOTEL (NUMBERS 1, 1A AND 2) NEPTUNE HOTEL (NUMBERS 9-11) AND SIENNA LODGE HOTEL (NUMBERS 17-18)	653004	306878	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096806	THE EMBASSY HOTEL (NUMBERS 38-41)	652991	306832	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096826	WOOD HALL HOTEL	652714	307151	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096827	CHURCH OF ST SPYRIDON	652726	307101	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096829	DOLPHIN PUBLIC HOUSE	652587	306039	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245556	9 AND 11, TOLHOUSE STREET	652505	307238	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245557	13, TOLHOUSE STREET	652509	307233	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245558	15, TOLHOUSE STREET	652511	307229	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245559	17 AND 19, TOLHOUSE STREET	652514	307221	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245563	3, 4 AND 5, WATERLOO ROAD	653041	306894	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245564	11-16, WELLINGTON ROAD	653002	306910	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245565	20, WELLINGTON ROAD	653002	306978	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245566	WELLINGTON ARCH	653020	306885	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245798	16, SOUTH QUAY	652396	307273	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245799	17, SOUTH QUAY	652394	307261	Medium	No Change	Neutral	N/A	Neutral
NHLE	PORT AND HAVEN COMMISSIONERS	652411	307225	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1245801	OFFICES							
NHLE 1245802	23 AND 24, SOUTH QUAY	652434	307215	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245804	26 AND 27, SOUTH QUAY	652434	307180	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245805	31, SOUTHTOWN ROAD	652106	307083	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245806	32, SOUTHTOWN ROAD	652109	307076	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245807	BOUNDARY WALL TO SOUTH OF NUMBER 66 (NUMBER 66 NOT INCLUDED)	652201	306797	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245808	BOUNDARY WALL TO NORTH OF NUMBER 67 (NUMBER 67 NOT INCLUDED)	652201	306794	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245809	83 AND 84, SOUTHTOWN ROAD	652328	306490	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245810	244, SOUTHTOWN ROAD	652281	306806	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245811	WORKSHOP RANGE N OF NO. 244A	652303	306872	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245812	UTILITY BLOCK IMMEDIATELY EAST OF NUMBER 244A	652313	306850	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245813	WORKSHOP RANGE NORTH OF NUMBER 244A	652303	306872	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245814	244B, SOUTHTOWN ROAD	652314	306828	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245815	245, SOUTHTOWN ROAD	652280	306827	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245816	271-277, SOUTHTOWN ROAD	652155	307134	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245817	CHURCH OF ST MARY	652146	307165	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245916	6, 7 AND 8, ROW 111	652458	307193	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245918	1, 2 AND 3, ST GEORGES PLAIN	652638	307289	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245920	PARK HOUSE (NUMBER 82)	652730	307331	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245921	RED FLEET HOUSE	652705	307342	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245980	9, QUEEN STREET	652370	307340	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245981	CHURCH OF ST JAMES	652716	306548	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245982	ST NICHOLAS HOSPITAL CSSD STORE	652778	306286	Medium	Minor Adverse setting –	Slight– setting	N/A	Slight– setting
NHLE 1245985	ST NICHOLAS HOSPITAL SOUTH BLOCK	652845	306289	Medium	Minor Adverse setting -	Slight– setting	N/A	Slight– setting
NHLE 1245986	ST NICHOLAS HOSPITAL WALLS AND RAILINGS	652926	306371	Medium	Minor Adverse setting -	Slight– setting	N/A	Slight– setting
NHLE 1246059	41-46, NELSON ROAD SOUTH	652885	306854	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246580	CANNON BOLLARD, CANNON BOLLARD AT JUNCTION WITH ROW 116	652633	307212	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246583	CAVENDISH HOTEL	653051	306878	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246584	ROYAL HOTEL	653034	306937	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246585	MARITIME MUSEUM	653052	307202	Medium	No Change	Neutral	N/A	Neutral
NHLE	123 AND 123A, KING	652635	307157	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1246587	STREET							
NHLE 1246588	126 AND 127, KING STREET	652626	307184	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246589	131, KING STREET	652619	307205	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246590	132, KING STREET	652615	307214	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246591	133, KING STREET	652614	307223	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246592	134 AND 134A, KING STREET	652613	307235	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246593	135, KING STREET	652613	307242	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246594	136, KING STREET	652603	307253	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246595	137 AND 138, KING STREET	652596	307259	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246596	139, KING STREET	652596	307265	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246597	LIBERTIES PUBLIC HOUSE	652593	307277	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246598	NUMBER 141 INCLUDING AREA RAILINGS	652598	307292	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1246599	142, KING STREET	652591	307297	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246600	143, KING STREET	652593	307305	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246601	144, KING STREET	652582	307305	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246602	NUMBER 145 INCLUDING BASEMENT AREA RAILINGS IN FRONT	652579	307317	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246603	NUMBER 148 INCLUDING RAILINGS TO DOORWAY	652570	307348	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246970	AHOY, MANBY HOUSE	652610	305354	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246971	95, HIGH ROAD	652579	305414	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246972	96, HIGH ROAD	652575	305424	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246973	PROVIDENCE VILLA	652570	305433	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246974	KOOLUNGA HOUSE	652608	305230	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1246975	THE SHORT BLUE PUBLIC HOUSE	652721	304845	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246977	235, HIGH STREET	652665	305022	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246978	MILEPOST IN FRONT OF NUMBER 245 (NUMBER 245 NOT INCLUDED)	652657	305084	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271269	CARLTON HOTEL (NUMBERS 1-5)	653022	306805	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271271	33, KING STREET (See details for further address information)	652626	307285	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271272	34, KING STREET	652629	307281	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271273	CREDENCE HOUSE INCLUDING AREA RAILINGS	652645	307242	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271274	KINGS WINE BAR INCLUDING STEP RAILINGS	652646	307232	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271275	NUMBER 43 INCLUDING 2 STABLE RANGES TO REAR	652649	307222	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1271276	NUMBER 44 INCLUDING RAILINGS TO STEPS	652648	307213	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271277	WORKING MENS CLUB	652679	307171	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271549	BARKING SMACK PUBLIC HOUSE	653053	307058	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271551	WINDMILL CINEMA	653054	306988	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271606	MASONIC ROYAL ASSEMBLY ROOMS	653006	306732	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271607	SHADINGFIELD LODGE	653034	306684	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271612	5, SOUTH QUAY	652352	307348	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271613	6, SOUTH QUAY	652353	307337	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271614	7 AND 8, SOUTH QUAY	652358	307333	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271615	10, SOUTH QUAY	652372	307307	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271616	11, SOUTH QUAY	652374	307304	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1271617	12, SOUTH QUAY	652383	307310	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271618	13 AND 14, SOUTH QUAY	652385	307292	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271805	WELLINGTON MEWS ARCH	653016	306832	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271806	CHURCH OF ST JOHN	652985	307172	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393268	UTILITY BLOCK IMMEDIATELY EAST OF NO.244A	652313	306850	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393653	YORK ROAD CENTRE (FORMER DRILL HALL)	652707	307236	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393704	FORMER GAS SHOWROOM	652646	307253	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393958	FAR EAST PRISONER OF WAR, WAR MEMORIAL	653115	307053	Medium	No Change	Neutral	N/A	Neutral
NHLE 1436976	THE SCENIC RAILWAY ROLLER COASTER AT GREAT YARMOUTH PLEASURE BEACH	653137	306001	Medium	No Change	Neutral	N/A	Neutral

Table A.8: Conservation Areas: Principal Application Area

Site Reference	Conservation Area Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
N/A	CAMPERDOWN	652929	306555	Medium	Negligible	Neutral	N/A	Neutral
N/A	GORLESTON EXTENSION	652653	305186	Medium	Negligible	Neutral	N/A	Neutral
N/A	KING STREET	652617	307207	High/ Medium	No Change	Neutral	N/A	Neutral
N/A	SEAFRONT	653186	307860	Medium	No Change	Neutral	N/A	Neutral
N/A	HALL QUAY AND SOUTH QUAY	652310	307371	High	Minor Adverse	Slight Adverse	N/A	Slight Adverse
N/A	ST GEORGE'S	652795	307519	Medium	No Change	Neutral	N/A	Neutral

Table A.9: Non-Designated Heritage Assets: Principal Application Area

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 12936	Find Spot	Neolithic	NEOLITHIC SCRAPER	652222	306174	Medium	No Change	Neutral	N/A	Neutral
NHER 60518	Monument	Medieval	LATE MEDIEVAL TIMBER-FRAMED BUILDING,	652449	305276	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			BURNT LANE							
NHER 60531	Monument	Medieval	SITE OF AUGUSTINIAN FRIARY, GORLESTON ON SEA	652505	305300	Medium	No Change	Neutral	N/A	Neutral
NHER 21361	Find Spot	Medieval to Post Medieval	MEDIEVAL AND POST MEDIEVAL POTTERY	652564	306641	Low	No Change	Neutral	N/A	Neutral
NHER 4266	Monument	Medieval to Post Medieval	THE SITE OF THE MEDIEVAL DOMINICAN OR BLACKFRIARS FRIARY	652600	306775	Medium	No Change	Neutral	N/A	Neutral
NHER 56257	Monument	Medieval to Post Medieval	SITE OF SOUTH GATE	652523	306700	Medium	No Change	Neutral	N/A	Neutral
NHER 30081	Monument	Medieval to Post Medieval	MULTI-PERIOD FINDS	652657	307094	Low	No Change	Neutral	N/A	Neutral
NHER 55098	Monument	Medieval to Post Medieval	LATE MEDIEVAL POTTERY SHERD AND ALLUVIAL	652641	305294	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			DEPOSITS							
NHER 15149	Monument	Post Medieval	POST MEDIEVAL MALTINGS, GORLESTON ON SEA	652523	305570	Low	No Change	Neutral	N/A	Neutral
NHER 21345	Monument	Post Medieval	SITE OF POST MEDIEVAL SIGNAL STATION AND COASTGUARD STATION	652987	306581	Low	No Change	Neutral	N/A	Neutral
NHER 28940	Monument	Post Medieval	POST MEDIEVAL ICEHOUSE	652383	306655	Low	No Change	Neutral	N/A	Neutral
NHER 4328	Monument	Post Medieval	SOUTH STAR BATTERY	653035	305944	Low	No Change	Neutral	N/A	Neutral
NHER 40075	Building	Post Medieval	FELLOWS DRY DOCKS	652352	306732	Low	No Change	Neutral	N/A	Neutral
NHER 43472	Monument	Post Medieval	SITE OF DRAIN, PROBABLY POST MEDIEVAL, AT HARFREYS INDUSTRIAL ESTATE,	651643	306061	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SOUTHTOWN							
NHER 43637	Monument	Post Medieval	SITE OF A POST MEDIEVAL ROPEWALK AT GREAT YARMOUTH COLLEGE, SOUTHTOWN	652168	306440	Low	No Change	Neutral	N/A	Neutral
NHER 12030	Monument	Post Medieval	BELOW GROUND REMAINS ASSOCIATED WITH THE SOUTHTOWN ARSENAL	652320	306820	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 35783	Monument	Post Medieval	EARLY 19TH CENTURY BOUNDARY POST AT GORLESTON ON SEA	652360	305270	Low	No Change	Neutral	N/A	Neutral
NHER 55685	Monument	Post Medieval to Cold War	FISHWHARF SALT STORES	652531	306093	Low	Moderate to Major Adverse	Moderate Adverse	Preservation by record through archaeological	Slight Adverse

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
									investigation.	
NHER 55412	Building	Post Medieval to Cold War	GREAT YARMOUTH ELECTRICITY WORKS	652758	305845	Low	No Change	Neutral	N/A	Neutral
NHER 27643	Monument	Post Medieval to Modern	POSSIBLE WORLD WAR ONE HARDSTANDING	652948	305440	Negligible	No Change	Neutral	N/A	Neutral
NHER 50508	Building	Post Medieval to Modern	SOUTH QUAY SERVICE STATION	652550	306356	Low	No Change	Neutral	N/A	Neutral
NHER 13576	Monument	Post Medieval to Modern	ROUTES OF GREAT YARMOUTH URBAN RAILWAYS	652364	307247	Low	No Change	Neutral	N/A	Neutral
NHER 13581	Monument	Post Medieval to Modern	ROUTE OF MIDLAND AND GREAT NORTHERN JOINT RAILWAY (GREAT YARMOUTH TO	601604	319784	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SUTTON BRIDGE)							
WSP01	Building	Post Medieval to Modern	BUILDING ALONGSIDE FISH WHARF SHOWN ON 19TH CENTURY MAPPING. STILL EXTANT	652597	305801	Low	Minor Adverse-setting	Slight Adverse – setting	N/A	Slight Adverse – setting
WSP02	Building	Post Medieval to Modern	19TH CENTURY BUILDING, FORMER MALTINGS. PARTIALLY EXTANT	652436	652436	Low	No Change	Neutral	N/A	Neutral
WSP03	Building	Post Medieval to Modern	19TH CENTURY DOMESTIC TERRACE BUILDING	652383	305832	Low	Minor Adverse – setting	Slight Adverse - setting	N/A	Slight Adverse – setting
WSP04	Building	Post Medieval to Modern	19TH CENTURY DOMESTIC TERRACE BUILDING	652299	305921	Low	Major Adverse	Moderate Adverse	Preservation by record through historic building recording.	Slight Adverse

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northings	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
WSP05	Building	Post Medieval to Modern	19TH CENTURY BUILDING	652373	305883	Low	Minor Adverse – setting	Slight Adverse – setting	N/A	Slight Adverse – setting
WSP06	Building	Post Medieval to Modern	19TH CENTURY BUILDING	652369	305974	Low	Major Adverse	Moderate Adverse	Preservation by record through historic building recording.	Slight Adverse
WSP07	Monument	Post Medieval to Modern	SITE OF 19TH CENTURY BUILDING	652373	305929	Low	No Change	Neutral	N/A	Neutral
WSP08	Monument	Post Medieval to Modern	SITE OF 19TH CENTURY BUILDING	652396	305749	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse
WSP09	Monument	Post Medieval to Modern	WHARF SIDE BUILDINGS	652538	305940	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse
WSP10	Monument	Post	FISH WHARF	652603	305915	Low	Major	Moderate	Preservation	Slight

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		Medieval to Modern					Adverse	Adverse	by record through archaeological investigation.	Adverse
WSP11	Monument	Post Medieval to Modern	SITE OF 19TH CENTURY BUILDING	652383	305950	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse
WSP12	Monument	Post Medieval to Modern	SITE OF 19TH CENTURY BUILDING	652398	305989	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse
WSP13	Monument	Post Medieval to Modern	SITE OF 19TH CENTURY BUILDING	652428	305749	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse
WSP14	Monument	Post Medieval to Modern	SITE OF MARSH HOUSE	652055	3066065	Low	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 48943	Building	Post Medieval to Modern	YARMOUTH COLLEGE, FORMER EDWARD WORLLEDGE CENTRAL SCHOOL, CONSTRUCTED AT SOME DATE AFTER 1883 AND BEFORE 1914.L	652136	306627	Low	No Change	Neutral	N/A	Neutral
WSP15	Monument	Modern	SITE OF A 20 TH CENTURY TIMBER YARD AND SAW MILL	6252126	306015	Negligible	Major Adverse	Moderate Adverse	Preservation by record through archaeological investigation	Neutral
NHER 43305	Monument	Modern	SITE OF POSSIBLE WORLD WAR TWO PILLBOX SOUTH OF BOUNDARY ROAD, SOUTHTOWN	652007	306009	Low	No Change	Neutral	N/A	Neutral
NHER	Monument	Modern	ROUTE OF	652385	302847	Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
13575			NORFOLK AND SUFFOLK JOINT RAILWAY (GREAT YARMOUTH TO LOWESTOFT)				Change			
NHER 33943	Monument	Modern	MODERN SEA WALL AND TRAMWAY INSTALLATIONS	653106	307705	Low	No Change	Neutral	N/A	Neutral
NHER 43304	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCKS ON BOUNDARY ROAD AND SUFFOLK ROAD, SOUTHTOWN	652194	306151	Low	No Change	Neutral	N/A	Neutral
NHER 19084	Monument	World War Two	WORLD WAR TWO LIGHT ANTI AIRCRAFT BATTERY AT GORLESTON ON SEA	652071	305377	Negligible	No Change	Neutral	N/A	Neutral
NHER 27701	Monument	World War Two	SITE OF WORLD WAR TWO AIR	652635	306171	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			RAID SHELTER AND GASOMETER							
NHER 32655	Monument	World War Two	SITE OF WORLD WAR TWO LIGHT ANTI AIRCRAFT TOWER AND OTHER DEFENCES ON FISHERMANS WHARF, GORLESTON ON SEA	652649	305356	Negligible	No Change	Neutral	N/A	Neutral
NHER 27364	Monument	World War Two	WORLD WAR TWO PILLBOX	652475	306767	Negligible	No Change	Neutral	N/A	Neutral
NHER 27373	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652668	306658	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27602	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTERS	652671	306805	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27375	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652677	306461	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27387	Monument	World War Two	SITE OF WORLD WAR TWO SURFACE AIR RAID SHELTERS AT ST JAMES' CHURCH, QUEEN'S ROAD	652700	306574	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27374	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652788	306515	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27319	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTERS	653023	305846	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27541	Monument	World War Two	WORLD WAR TWO SITE	653058	305556	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27639	Monument	World War Two	PROBABLE WORLD WAR TWO FUEL STORE	652848	305469	Negligible	No Change	Neutral	N/A	Neutral
NHER 27363	Monument	World War Two	SITE OF WORLD WAR TWO BARRAGE BALLOON	652882	305333	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27363	Monument	World War Two	SITE OF WORLD WAR TWO BARRAGE BALLOON	652882	305333	Negligible	No Change	Neutral	N/A	Neutral
NHER 27638	Monument	World War Two	SITE OF WORLD WAR TWO DEFENCES AND MILITARY INSTALLATIONS	652918	305509	Negligible	No Change	Neutral	N/A	Neutral
NHER 27645	Monument	World War Two	SITE OF WORLD WAR TWO SEAFRONT DEFENCES	653162	305648	Negligible	No Change	Neutral	N/A	Neutral
NHER 27658	Monument	World War Two	SITE OF WORLD WAR TWO SEAFRONT DEFENCES	653160	306362	Negligible	No Change	Neutral	N/A	Neutral
NHER 27678	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCK	653065	306276	Negligible	No Change	Neutral	N/A	Neutral
NHER 27677	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCK	653062	306224	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27675	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCK	653063	306116	Negligible	No Change	Neutral	N/A	Neutral
NHER 27672	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCK	653064	306000	Negligible	No Change	Neutral	N/A	Neutral
NHER 27670	Monument	World War Two	SITE OF WORLD WAR TWO ROAD BLOCK	653054	305894	Negligible	No Change	Neutral	N/A	Neutral
NHER 27679	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652957	306232	Negligible	No Change	Neutral	N/A	Neutral
NHER 27676	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	653049	306160	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27674	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	653068	306060	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27673	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	653017	306021	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27671	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	653055	305944	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27669	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	653038	305868	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27695	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	652955	306095	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27694	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	652878	306090	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27693	Monument	World War Two	SITES OF WORLD WAR TWO AIR RAID SHELTERS	652812	306115	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27697	Monument	World War Two	SITE OF WORLD WAR TWO DEFENCES	652572	305820	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER	Monument	World	SITE OF WORLD WAR TWO	652809	305856	Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
27698		War Two	BUILDING				Change			
NHER 27649	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652972	305956	Negligible	No Change	Neutral	N/A	Neutral
NHER 27699	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652872	305948	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27692	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652786	306207	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27690	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652855	306254	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27691	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652791	306251	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27700	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS	652590	306180	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27712	Monument	World War Two	SITE OF WORLD WAR TWO BUILDINGS	652545	306195	Negligible	No Change	Neutral	N/A	Neutral
NHER	Monument	World	SITE OF WORLD	652394	305888	Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northings	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
42355		War Two	WAR TWO ANTI INVASION DEFENCES AT JUNCTION OF QUEEN ANNE'S ROAD AND SOUTHTOWN ROAD, SOUTHTOWN				Change			
NHER 43303	Monument	World War Two	SITE OF WORLD WAR TWO SPIGOT MORTAR EMPLACEMENT NORTH OF WAVENEY ROAD, SOUTHTOWN	652310	306104	Negligible	No Change	Neutral	N/A	Neutral
NHER 43306	Monument	World War Two	WORLD WAR TWO MILITARY SITE SOUTH OF GREAT YARMOUTH COLLEGE, SOUTHTOWN	652231	306334	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 43307	Monument	World War Two	POSSIBLE SITE OF WORLD WAR TWO MILITARY ACTIVITY AT 127 TO 131 GORDON ROAD, SOUTHTOWN	652154	306672	Negligible	No Change	Neutral	N/A	Neutral
NHER 43310	Monument	World War Two	SITE OF WORLD WAR TWO HUT AT GAINSBOROUGH COURT	652941	306689	Negligible	No Change	Neutral	N/A	Neutral
NHER 43311	Monument	World War Two	SITE OF WORLD WAR TWO STRUCTURE AT SEAFIELD CLOSE	652963	306564	Negligible	No Change	Neutral	N/A	Neutral
NHER 43375	Monument	World War Two	SITE OF WORLD WAR TWO MILITARY ACTIVITY ON ST NICHOLAS RECREATION GROUND, FRANK STONE	652995	306411	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			COURT AND SOUTH BEACH PARADE CAR PARK							
NHER 43309	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO CIVIL DEFENCE BUILDING OR SHELTER AT SELBY PLACE	652592	306550	Negligible	No Change	Neutral	N/A	Neutral
NHER 43379	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS BETWEEN PIER PLACE AND QUEEN'S ROAD	652804	306629	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43378	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS OFF CAMDEN ROAD	652744	306675	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27570	Monument	World War Two	WORLD WAR TWO ROAD	651940	305217	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			BLOCK ACROSS BURGH ROAD, GORLESTON-ON-SEA							
NHER 43301	Monument	World War Two	WORLD WAR TWO STRUCTURES AT FIRE STATION AND FERRYSIDE COUNTY COUNCIL OFFICES, SOUTHTOWN	652520	305505	Negligible	No Change	Neutral	N/A	Neutral
NHER 43312	Monument	World War Two	SITE OF A WORLD WAR TWO EMERGENCY WATER SUPPLY TANK AT 42-44 SUFFOLK ROAD, GORLESTON-ON-SEA	652234	305440	Negligible	No Change	Neutral	N/A	Neutral
NHER 42353	Monument	World War Two	SITE OF WORLD WAR TWO ANTI INVASION	652290	305977	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			DEFENCES AT SOUTHTOWN							
NHER 43581	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 14, 16, 21, 27 AND WHAT WAS FORMERLY 30 BURNT LANE, GORLESTON-ON-SEA	652478	305252	Negligible	No Change	Neutral	N/A	Neutral
NHER 43584	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 56, 60 AND 63 BURNT LANE, AND LAND BEHIND NUMBER 54, GORLESTON-ON-SEA	652440	305288	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43583	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 10 AND 11 MANBY ROAD,	652453	305333	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			GORLESTON-ON-SEA							
NHER 43585	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 79 AND 80 BURNT LANE, GORLESTON-ON-SEA	652494	305376	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43582	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT CLEM-ELLEN COTTAGES, GORLESTON-ON-SEA	652503	305313	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43599	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT 135 SUFFOLK ROAD, GORLESTON-ON-SEA	652333	305262	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43595	Monument	World War Two	SITE OF WORLD WAR TWO AIR	652284	305453	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			RAID SHELTER AT 24 MANOR ROAD, GORLESTON-ON-SEA							
NHER 43594	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 46 COMMON ROAD; 3, 15, 23 AND 25 HARFREY'S ROAD; AND 20, 24, 34, 48, 50, 64 AND 66 SUFFOLK ROAD, GORLESTO	652197	305435	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43596	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 3 AND 5 MANOR ROAD, GORLESTON-ON-SEA	652331	305508	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER	Monument	World	SITE OF WORLD WAR TWO AIR	652272	305580	Low/Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northings	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
43597		War Two	RAID SHELTERS AT 21 COMMON ROAD AND 11 SUFFOLK ROAD, GORLESTON-ON-SEA				Change			
NHER 27663	Monument	World War Two	WORLD WAR TWO BOMB CRATER NORTHEAST OF TOWN LANDS, SOUTHTOWN	651960	305618	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27571	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO BOMB CRATER AT 34 BURGH ROAD, GORLESTON-ON-SEA	652188	305229	Negligible	No Change	Neutral	N/A	Neutral
NHER 43589	Monument	World War Two	PROBABLE WORLD WAR TWO BOMB CRATER AT GAS DISTRIBUTION STATION,	652340	305765	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SOUTHTOWN							
NHER 43471	Monument	World War Two	WORLD WAR TWO BOMB CRATER AT HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN	651991	305879	Negligible	No Change	Neutral	N/A	Neutral
NHER 27580	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS AT HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN	651907	305938	Negligible	No Change	Neutral	N/A	Neutral
NHER 27579	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS AT HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN	651747	305898	Negligible	No Change	Neutral	N/A	Neutral
NHER 42532	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATER AT	651759	306077	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN							
NHER 27578	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS AT HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN	651706	306218	Negligible	No Change	Neutral	N/A	Neutral
NHER 43477	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS AT YARMOUTH BUSINESS PARK, SOUTHTOWN	652143	306172	Negligible	No Change	Neutral	N/A	Neutral
NHER 43615	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATER OFF BOUNDARY ROAD, SOUTHTOWN	652311	306164	Negligible	No Change	Neutral	N/A	Neutral
NHER	Monument	World	SITE OF WORLD	652125	306458	Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
43616		War Two	WAR TWO BOMB CRATER OR SPIGOT MORTAR EMPLACEMENT AT GREAT YARMOUTH COLLEGE, SOUTHTOWN				Change			
NHER 43587	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT GAS DISTRIBUTION STATION, SOUTHTOWN	652377	305731	Negligible	No Change	Neutral	N/A	Neutral
NHER 43598	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT 6 COMMON ROAD, SOUTHTOWN	652348	305647	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43586	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID	652419	305610	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SHELTER AT JUNCTION OF COMMON ROAD AND BECCLES ROAD, SOUTHTOWN							
NHER 43629	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO AIR RAID SHELTER AT 1 COMMON ROAD, SOUTHTOWN	652397	305641	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43300	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT SUFFOLK CLOSE, GORLESTON-ON-SEA	652184	305480	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43590	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT 16 TO 18 ALPHA ROAD,	652328	305709	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Eastings	Northings	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SOUTHTOWN							
NHER 43588	Monument	World War Two	SITE OF WORLD WAR TWO INDUSTRIAL AIR RAID SHELTERS OFF QUEEN ANNE'S ROAD, SOUTHTOWN	652093	306015	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43478	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS ON ORDNANCE ROAD	652697	306366	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43479	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS ON EXMOUTH ROAD	652623	306427	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43377	Monument	World War Two	SITE OF WORLD WAR TWO SURFACE-LEVEL AIR RAID SHELTERS BEHIND HOUSES ON MARINERS'	652579	306710	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			ROAD							
NHER 43480	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT GREAT YARMOUTH COLLEGE AND EDWARD WORLLEDGE MIDDLE SCHOOL, SOUTHTOWN	652084	306598	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43621	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO AIR RAID SHELTER AT 132A GORDON ROAD, SOUTHTOWN	652190	306686	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 19949	Monument	World War Two	WORLD WAR TWO PILLBOX AT GORLESTON ON SEA	652010	305420	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER	Monument	World	WORLD WAR	652068	306324	Low/Negligible	No	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
32661		War Two	TWO PILLBOX AT YARMOUTH BUSINESS PARK, SOUTHTOWN				Change			
NHER 43622	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO AIR RAID SHELTER AT 4 TOLLGATE ROAD, SOUTHTOWN	652284	306363	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27644	Monument	World War Two to Modern	POSSIBLE WORLD WAR TWO AMBULANCE STATION	653027	305761	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43617	Monument	World War Two to Modern	SITE OF AN AIR RAID SHELTER	652026	306621	Low/Negligible	No Change	Neutral	N/A	Neutral

A1.7 Satellite Application Sites

Table A.10: Non-Designated Heritage Assets: Proposed VMS A47 South

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 19084	Monument	World War Two	WORLD WAR TWO LIGHT ANTI AIRCRAFT BATTERY AT GORLESTON ON SEA	652071	305377	Negligible	No Change	Neutral	N/A	Neutral
NHER 27570	Monument	World War Two	WORLD WAR TWO ROAD BLOCK ACROSS BURGH ROAD, GORLESTON-ON-SEA	651940	305217	Negligible	No Change	Neutral	N/A	Neutral
NHER 43312	Monument	World War Two	SITE OF A WORLD WAR TWO EMERGENCY WATER SUPPLY TANK AT 42-44 SUFFOLK	652234	305440	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			ROAD, GORLESTON-ON-SEA							
NHER 62792	Monument	Undated and World War Two	UNDATED DITCHES AND PITS, POST-MEDIEVAL QUARRIES AND WORLD WAR II CRATERS	651622	304785	Low	No Change	Neutral	N/A	Neutral
NHER 43594	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 46 COMMON ROAD; 3, 15, 23 AND 25 HARFREY'S ROAD; AND 20, 24, 34, 48, 50, 64 AND 66 SUFFOLK ROAD, GORLESTON	652197	305435	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 43597	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS AT 21 COMMON ROAD AND 11 SUFFOLK ROAD, GORLESTON-ON-SEA	652272	305580	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27663	Monument	World War Two	WORLD WAR TWO BOMB CRATER NORTHEAST OF TOWN LANDS, SOUTHTOWN	651960	305618	Negligible	No Change	Neutral	N/A	Neutral
NHER 27571	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO BOMB CRATER AT 34 BURGH ROAD, GORLESTON-	652188	305229	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			ON-SEA							
NHER 43618	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT 91 BURGH ROAD, GORLESTON ON SEA	651897	305175	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43300	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER AT SUFFOLK CLOSE, GORLESTON-ON-SEA	652184	305480	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 13575	Monument	Modern	ROUTE OF NORFOLK AND SUFFOLK JOINT RAILWAY (GREAT YARMOUTH	652385	302847	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			TO LOWESTOFT)							
NHER 19949	Monument	World War Two	WORLD WAR TWO PILLBOX AT GORLESTON ON SEA	652010	305420	Low/Negligible	No Change	Neutral	N/A	Neutral

Table A.11: Non-Designated Heritage Assets: VMS Gapton Hall

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 32662	Monument	World War Two	WORLD WAR TWO TYPE 24 PILLBOX AT NEW CUTT FARM, GREAT YARMOUTH	651343	306647	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 34996	Monument	Post Medieval to	SITE OF 19TH CENTURY DRAINAGE	651400	306200	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		Modern	MILL							
NHER 13574	Monument	Post Medieval to Modern	ROUTE OF EAST SUFFOLK RAILWAY (YARMOUTH TO BECCLES)	647969	300071	Low	No Change	Neutral	N/A	Neutral
NHER 13575	Monument	Modern	ROUTE OF NORFOLK AND SUFFOLK JOINT RAILWAY (GREAT YARMOUTH TO LOWESTOFT)	652385	302847	Low	No Change	Neutral	N/A	Neutral
NHER 13581	Monument	Post Medieval to Modern	ROUTE OF MIDLAND AND GREAT NORTHERN JOINT RAILWAY (GREAT YARMOUTH TO SUTTON BRIDGE)	601604	319784	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 42519	Monument	World War Two	SITE OF WORLD WAR TWO RAILWAY BLOCK AT SOUTHTOWN	651657	306692	Negligible	No Change	Neutral	N/A	Neutral
NHER 42521	Monument	World War Two	WORLD WAR TWO LIGHT ANTI AIRCRAFT BATTERY SOUTH OF NEW CUTT FARM, GREAT YARMOUTH	651306	306521	Negligible	No Change	Neutral	N/A	Neutral
NHER 42531	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO STRUCTURE WEST OF THE A47, GREAT YARMOUTH	651504	306503	Negligible	No Change	Neutral	N/A	Neutral
NHER 43474	Monument	Medieval to Post Medieval	PROBABLY POST MEDIEVAL	650992	306114	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			DRAINS ON GAPTON MARSHES							
NHER 43475	Monument	Post Medieval	DRAINS, PROBABLY POST MEDIEVAL, ON GAPTON MARSHES	651047	306486	Low	No Change	Neutral	N/A	Neutral
NHER 43472	Monument	Post Medieval	SITE OF DRAIN, PROBABLY POST MEDIEVAL, AT HARFREYS INDUSTRIAL ESTATE, SOUTHTOWN	651643	306061	Low	No Change	Neutral	N/A	Neutral
NHER 27578	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATERS AT HARFREYS INDUSTRIAL ESTATE,	651706	306218	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
SOUTHTOWN										
NHER 43470	Monument	World War Two	SITE OF WORLD WAR TWO BOMB CRATER OR SPIGOT MORTAR EMPLACEMENT AT GREAT YARMOUTH COLLEGE, SOUTHTOWN	651469	306677	Negligible	No Change	Neutral	N/A	Neutral

Table A.12: Scheduled Monuments: VMS North Quay

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1003782	TOWN WALLS	652572	307583	High	No Change	Neutral	N/A	Neutral

Table A.13: Grade I Listed Buildings: VMS North Quay

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245978	ST NICHOLAS (PRIORY) MIDDLE SCHOOL	652460	307985	High	No Change	Neutral	N/A	Neutral

Table A.14: Grade II Listed Buildings: VMS North Quay*

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096809	VICARAGE	652439	307977	High	No Change	Neutral	N/A	Neutral
NHLE 1096813	CHURCH OF ST NICHOLAS	652435	308036	High	No Change	Neutral	N/A	Neutral

Table A.15: Grade II Listed Buildings: VMS North Quay

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096808	HARDYS	652332	307881.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096810	25, CHURCH PLAIN	652435	307959.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096811	SEWELL HOUSE	652437	307954.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096812	27, CHURCH PLAIN	652427	307953.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096814	CHURCHYARD GATES PIERS AND RAILINGS TO CHURCH OF ST NICHOLAS, CHURCHYARD RAILINGS TO CHURCH OF ST NICHOLAS	652354	308066.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096817	MEMORIAL TO DAVID BARTLEMAN WEST OF CHURCH OF ST NICHOLAS	652377	308026.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096818	MEMORIAL TO GEORGE BELOE SOUTH OF CHURCH OF ST NICHOLAS	652441	308002.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096819	PALMER TOMB 18 METRES WEST OF CHURCH OF ST NICHOLAS	652385	308047.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245562	VAUXHALL BRIDGE	652068	308021.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245975	225, 226 AND 226A, NORTHGATE STREET	652386	308142.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246006	3, 4 AND 5, NORTHGATE STREET	652323	308026.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246007	6, NORTHGATE STREET	652322	308037.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246008	7, NORTHGATE STREET	652312	308036.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246009	WHITE HORSE INN	652304	308072.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246010	14 AND 15, NORTHGATE STREET	652312	308084.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246011	POST OFFICE (NUMBER 17)	652323	308094.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246012	18 AND 19, NORTHGATE STREET	652332	308105.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246013	20 AND 20A, NORTHGATE STREET	652338	308112.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246014	220, 221 AND 222, NORTHGATE STREET	652403	308181.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246015	224, NORTHGATE STREET	652387	308154.4	Medium	No Change	Neutral	N/A	Neutral
NHLE	2, HOWARD STREET	652392	308175.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1271265	SOUTH							

Table A.16: Conservation Areas: VMS North Quay

Site Reference	Conservation Area Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
N/A	ST NICHOLAS NORTHGATE STREET	652534	308150	High/ Medium	No Change	Neutral	N/A	Neutral

Table A.17: Non-Designated Heritage Assets: VMS North Quay

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 1032	Monument	Late Saxon	LATE SAXON AND MEDIEVAL OCCUPATION AT FULLER'S HILL	652285	307929	Medium / High	No Change	Neutral	N/A	Neutral
NHER 4369	Find Spot	Late Saxon to	MULTI-PERIOD	652261	307990	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		Post Medieval	POTTERY							
NHER 32585	Monument	Medieval	LATE SAXON, MEDIEVAL AND POST MEDIEVAL FINDS AND FEATURES ON SITE OF LACON BREWERY	652191	307960	Medium / High	No Change	Neutral	N/A	Neutral
NHER 28934	Monument	Medieval	POSSIBLE SITE OF MEDIEVAL LEPROSY HOSPITAL	652389	308312	Medium	No Change	Neutral	N/A	Neutral
NHER 4277	Find Spot	Medieval	MEDIEVAL MORTAR VESSEL AND POTTERY	652295	307872	Low / Medium	No Change	Neutral	N/A	Neutral
NHER 13371	Monument	Medieval to Post Medieval	SITE OF MEDIEVAL OR POST MEDIEVAL HOUSE,	652217	308178	Low	Moderate	Moderate Adverse	Preservation by record through archaeological investigation.	Slight Adverse

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			LAUGHING IMAGE CORNER							
NHER 52923	Monument	Medieval to Modern	POST-MEDIEVAL LINEAR FEATURE, 218-219 NORTHGATE STREET	652427	308198	Low	No Change	Neutral	N/A	Neutral
NHER 13571	Monument	Post medieval to modern	NORFOLK RAILWAY (YARMOUTH, NORWICH AND BRANDON)	613797	296264	Low	No Change	Neutral	N/A	Neutral
NHER 45485	Monument	Post Medieval	17TH CENTURY MOATED SITE, ALDERSON ROAD	652252	308307	Low / Medium	No Change	Neutral	N/A	Neutral
NHER 50515	Building	Post Medieval to Cold	NEW ROAD BRIDGE	652154	308145	Negligible / Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		War								
NHER 55589	Building	Post Medieval to Modern	NORTH QUAY PUMPING STATION	652238	308315	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 55641	Building	Post Medieval to World War Two	NORTH QUAY FISH CURING HOUSES	652222	308152	Low	Moderate	Slight Adverse	Preservation by record through archaeological investigation.	Slight Adverse
NHER 49065	Monument	Post Medieval to Cold War	SITE OF VAUXHALL GARDENS	652068	308112	Low	No Change	Neutral	N/A	Neutral
NHER 15667	Monument	Post Medieval	POST MEDIEVAL LIME KILN	652201	308255	Low	No Change	Neutral	N/A	Neutral
NHER 28472	Find Spot	Post Medieval	POST MEDIEVAL GRAVEST ONE	652347	308126	Low	No Change	Neutral	N/A	Neutral
NHER 30020	Monument	Post Medieval	SITE OF POST MEDIEVAL LIME KILN	652041	307985	Low	No Change	Neutral	N/A	Neutral
NHER	Building	Post	SITE OF	652240	308250	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
50514		Medieval	MAGISTRATES COURT, NORTH QUAY							
NHER 4278	Monument	Post Medieval	POST MEDIEVAL WELLS AND OVEN	652261	308008	Low	No Change	Neutral	N/A	Neutral
NHER 27446	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652292	308131	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27447	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652317	308169	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27450	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652236	308332	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27494	Monument	World War Two	SITE OF WORLD WAR TWO	652115	308363	Negligible /Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			AIR RAID SHELTER							
NHER 27496	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652066	308299	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27497	Monument	World War Two	SITE OF WORLD WAR TWO SPIGOT MORTAR EMPLACEMENT	652055	308221	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27444	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS NORTH OF VAUXHALL BRIDGE	652086	308094	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 43564	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID SHELTER	652367	308403	Negligible /Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			AT 184 PALGRAVE ROAD							
NHER 43566	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID SHELTERS AT 30, 31 AND 42 TOWN WALL ROAD	652506	308162	Negligible /Low	No Change	Neutral	N/A	Neutral
43651	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID SHELTER AT 12 BRIDGE ROAD	652058	308196	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 43673	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID	652123	308281	Negligible /Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SHELTERS OFF ARCHER'S ROAD AND NORTH RIVER ROAD							
NHER 37380	Monument	Cold War to Modern	COLD WAR NUCLEAR BUNKER	652248	308197	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 27509	Monument	Modern	POSSIBLE WORLD WAR TWO DEFENCES	652129	308133	Negligible /Low	No Change	Neutral	N/A	Neutral
NHER 30014	Monument	Unknown	UNDATED BOAT	652308	308153	Unknown	No Change	Neutral	N/A	Neutral
NHER 4275	Monument	Unknown	UNDATED BUILDING AND MEDIEVAL POTTERY	652318	308126	Low	No Change	Neutral	N/A	Neutral

Table A.18: Scheduled Monuments: VMS Fullers Way

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1003782	TOWN WALLS	652572	307583	High	No Change	Neutral	N/A	Neutral

Table A.19: Grade I Listed Buildings: VMS Fullers Way

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096820	FISHERMENS HOSPITAL INCLUDING GATE PIERS AND RAILINGS	652449	307890.4	High	No Change	Neutral	N/A	Neutral
NHLE 1245978	ST NICHOLAS (PRIORY) MIDDLE SCHOOL	652460	307985	High	No Change	Neutral	N/A	Neutral

Table A.20: Grade II Listed Buildings: VMS Fullers Way*

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096809	VICARAGE	652439	307977	High	No Change	Neutral	N/A	Neutral
NHLE 1096813	CHURCH OF ST NICHOLAS	652435	308036	High	No Change	Neutral	N/A	Neutral

Table A.21: Grade II Listed Buildings: VMS Fullers Way

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096808	HARDYS	652332	307881.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096810	25, CHURCH PLAIN	652435	307959.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096811	SEWELL HOUSE	652437	307954.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096812	27, CHURCH PLAIN	652427	307953.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096814	CHURCHYARD GATES PIERS AND RAILINGS TO CHURCH OF ST NICHOLAS, CHURCHYARD RAILINGS TO CHURCH	652354	308066.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name			Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
	OF ST NICHOLAS							
NHLE 1096816	HEADSTONE 15 METRES NORTH-EAST OF CHURCH OF ST NICHOLAS	652496	308035.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096817	MEMORIAL TO DAVID BARTLEMAN WEST OF CHURCH OF ST NICHOLAS	652377	308026.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096818	MEMORIAL TO GEORGE BELOE SOUTH OF CHURCH OF ST NICHOLAS	652441	308002.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096819	PALMER TOMB 18 METRES WEST OF CHURCH OF ST NICHOLAS	652385	308047.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096821	STATUE OF CHARITY IN COURTYARD OF FISHERMANS HOSPITAL	652440	307887.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245562	VAUXHALL BRIDGE	652068	308021.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245975	225, 226 AND 226A, NORTHGATE STREET	652386	308142.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name			Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1246006	3, 4 AND 5, NORTHGATE STREET	652323	308026.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246007	6, NORTHGATE STREET	652322	308037.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246008	7, NORTHGATE STREET	652312	308036.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246009	WHITE HORSE INN	652304	308072.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246010	14 AND 15, NORTHGATE STREET	652312	308084.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246011	POST OFFICE (NUMBER 17)	652323	308094.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246012	18 AND 19, NORTHGATE STREET	652332	308105.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246013	20 AND 20A, NORTHGATE STREET	652338	308112.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246014	220, 221 AND 222, NORTHGATE STREET	652403	308181.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246015	224, NORTHGATE STREET	652387	308154.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246047	68, MARKET PLACE	652456	307844.4	Medium	No Change	Neutral	N/A	Neutral
NHLE	69, MARKET PLACE	652447	307848.4	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name			Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1246048								
NHLE 1271265	2, HOWARD STREET SOUTH	652392	308175.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271552	TWO NECKED SWAN PUBLIC HOUSE	652370	307847.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271553	7 AND 8, MARKET PLACE	652375	307837.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271554	13 AND 14, MARKET PLACE	652361	307805.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271555	MARKET TAVERN PUBLIC HOUSE	652372.6	307778.1	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271556	20, MARKET PLACE	652385	307757.4	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271557	21, MARKET PLACE	652385.8	307750.9	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271558	22 and 22A, MARKET PLACE	652381.7	307741.2	Medium	No Change	Neutral	N/A	Neutral

Table A.22: Conservation Areas: VMS Fullers Way

Site Reference	Conservation Area Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
N/A	ST NICHOLAS NORTHGATE STREET	652534	308150	High/ Medium	No Change	Neutral	N/A	Neutral

Table A.23: Non-Designated Heritage Assets: VMS Fullers Way

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 4369	Find Spot	Late Saxon to Post Medieval	MULTI-PERIOD POTTERY	652261	307990	Medium	No Change	Neutral	N/A	Neutral
NHER 1032	Monument	Late Saxon to Cold War	LATE SAXON AND MEDIEVAL OCCUPATION AT FULLER'S HILL	652285	307929	High/ Medium	No Change	Neutral	N/A	Neutral
NHER 32585	Monument	Medieval to Cold War	LATE SAXON, MEDIEVAL AND POST MEDIEVAL FINDS AND FEATURES	652191	307960	High/ Medium	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			ON SITE OF LACON BREWERY							
NHER 21251	Monument	Medieval	POSSIBLE MEDIEVAL INHUMATION AND MEDIEVAL KNIFE HANDLE	652433	307931	Medium	No Change	Neutral	N/A	Neutral
NHER 4261	Monument	Medieval	MEDIEVAL STREET OR YARD SURFACE AND FINDS	652254	307810	Medium	No Change	Neutral	N/A	Neutral
NHER 4277	Find Spot	Medieval	MEDIEVAL MORTAR VESSEL AND POTTERY	652295	307872	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 4279	Monument	Medieval to Post Medieval	MEDIEVAL WALL AND POST MEDIEVAL KILN	652381	307728	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 13371	Monument	Medieval to Post	SITE OF MEDIEVAL OR	652217	308178	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		Medieval	POST MEDIEVAL HOUSE, LAUGHING IMAGE CORNER							
NHER 33473	Monument	Medieval to Post Medieval	DISSENTERS BURIAL GROUND	652487	307759	Medium	No Change	Neutral	N/A	Neutral
NHER 4306	Monument	Medieval to Post Medieval	SITE OF CARMELITE FRIARY	652174	307735	High/ Medium	No Change	Neutral	N/A	Neutral
NHER 4333	Monument	Medieval to Post Medieval	SITE OF ST MARY'S HOSPITAL	652470	307819	High/ Medium	No Change	Neutral	N/A	Neutral
NHER 4315	Monument	Medieval	MEDIEVAL WELL	652373	307882	Low/ Medium	No Change	Neutral	N/A	Neutral
NHER 52923	Monument	Medieval to Modern	POST-MEDIEVAL LINEAR FEATURE, 218-219 NORTHGATE STREET	652427	308198	Low	No Change	Neutral	N/A	Neutral
NHER	Monument	Post	POST MEDIEVAL	652411	307806	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
16573		Medieval	PILLORY							
NHER 28472	Find Spot	Post Medieval	POST MEDIEVAL GRAVESTONE	652347	308126	Low	No Change	Neutral	N/A	Neutral
NHER 30020	Monument	Post Medieval	SITE OF POST MEDIEVAL LIME KILN	652041	307985	Low	No Change	Neutral	N/A	Neutral
NHER 4278	Monument	Post Medieval	POST MEDIEVAL WELLS AND OVEN	652261	308008	Low	No Change	Neutral	N/A	Neutral
NHER 50514	Building	Post Medieval	SITE OF MAGISTRATE S COURT, NORTH QUAY	652240	308250	Low	No Change	Neutral	N/A	Neutral
NHER 50515	Building	Post Medieval to Cold War	NEW ROAD BRIDGE	652154	308145	Low	No Change	Neutral	N/A	Neutral
NHER 55641	Building	Post Medieval to World War Two	NORTH QUAY FISH CURING HOUSES	652222	308152	Low	No Change	Neutral	N/A	Neutral
NHER 48928	Monument	Post Medieval	SITE OF PRIMITIVE	652497	307894	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
		to Cold War	METHODIST TEMPLE							
NHER 49065	Monument	Post Medieval to Cold War	SITE OF VAUXHALL GARDENS	652068	308112	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 27358	Monument	World War Two	WORLD WAR TWO BARRAGE BALLOON SITE	652150	307856	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27359	Monument	World War Two to Cold War	WORLD WAR TWO AIR RAID SHELTER	652314	307819	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27439	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS	652556	307925	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27441	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652279	307964	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27442	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID	652225	307978	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SHELTER			e				
NHER 27443	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO AIR RAID SHELTER	652233	308009	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27445	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652238	308135	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27446	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652292	308131	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27447	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652317	308169	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27444	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTERS NORTH OF VAUXHALL BRIDGE	652086	308094	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27454	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652166	307810	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27434	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652472	307791	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43569	Monument	World War Two	SITE OF POSSIBLE WORLD WAR TWO AIR RAID SHELTERS ON LAND ADJACENT TO 101-105 ST NICHOLAS ROAD	652477	307843	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43567	Monument	World War Two	SITE OF WORLD WAR TWO STRUCTURE ON PRIORY PLAIN	652443	307907	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 43566	Monument	World War Two	SITE OF PROBABLE WORLD WAR TWO AIR RAID	652506	308162	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			SHELTERS AT 30, 31 AND 42 TOWN WALL ROAD							
NHER 27509	Monument	Modern	POSSIBLE WORLD WAR TWO DEFENCES	652129	308133	Low/ Negligible	No Change	Neutral	N/A	Neutral
NHER 37380	Monument	Cold War to Modern	COLD WAR NUCLEAR BUNKER	652248	308197	Low	No Change	Neutral	N/A	Neutral
NHER 4275	Monument	Unknown	UNDATED BUILDING AND MEDIEVAL POTTERY	652318	308126	Unknown	No Change	Neutral	N/A	Neutral
NHER 30014	Monument	Undated	UNDATED BOAT	652308	308153	Unknown	No Change	Neutral	N/A	Neutral

Table A.24: Scheduled Monuments: VMS Yarmouth Way

Site Reference	Site Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1003782	TOWN WALLS	652572	307583	High	No Change	Neutral	N/A	Neutral
NHLE 1003935	MEDIEVAL VAULTS UNDER 50-56 HOWARD STREET	652405	307435	High	No Change	Neutral	N/A	Neutral
NHLE 1003958	NOS 6, 7 AND 8, ROW 111, SOUTH QUAY	652459	307195	High	No Change	Neutral	N/A	Neutral
NHLE 1004020	MERCHANT'S HOUSE, ROW 117, SOUTH QUAY	652462	307141	High	No Change	Neutral	N/A	Neutral
NHLE 1017910	GREYFRIARS FRANCISCAN FRIARY	652398	307343	High	No Change	Neutral	N/A	Neutral

Table A.25: Grade I Listed Buildings: VMS Yarmouth Way

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245560	THE TOLHOUSE	652496	307253	High	No Change	Neutral	N/A	Neutral
NHLE 1245915	REMAINS OF THE CHURCH OF THE GREYFRIARS	652403	307330	High	No Change	Neutral	N/A	Neutral
NHLE 1245919	ST GEORGES THEATRE	652612	307348	High	No Change	Neutral	N/A	Neutral
NHLE 1271611	4, SOUTH QUAY	652352	307360	High	No Change	Neutral	N/A	Neutral

Table A.26: Grade II* Listed Buildings: VMS Yarmouth Way

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245800	CUSTOM HOUSE	652406	307237	High	No Change	Neutral	N/A	Neutral
NHLE 1245917	OLD MERCHANTS HOUSE	652462	307142	High	No Change	Neutral	N/A	Neutral
NHLE 1245803	25, SOUTH QUAY	652438	307190	High	No Change	Neutral	N/A	Neutral
NHLE 1246969	TOWN HALL	652313	307426	High	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1271278	OLD WHITE LION PUBLIC HOUSE	652635	307081	High	No Change	Neutral	N/A	Neutral

Table A.27: Grade II Listed Buildings: VMS Yarmouth Way

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1096826	WOOD HALL HOTEL	652714	307151	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096833	3, GREYFRIARS WAY	652383	307427	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096834	SHIP INN	652410	307389	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096835	GREYFRIARS HOUSE	652394	307414	Medium	No Change	Neutral	N/A	Neutral
NHLE 1096836	29, HALL PLAIN	652351	307453	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245556	9 AND 11, TOLHOUSE STREET	652505	307238	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245557	13, TOLHOUSE STREET	652509	307233	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245558	15, TOLHOUSE STREET	652511	307229	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245559	17 AND 19, TOLHOUSE STREET	652514	307221	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245798	16, SOUTH QUAY	652396	307273	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245799	17, SOUTH QUAY	652394	307261	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245801	PORT AND HAVEN COMMISSIONERS OFFICES	652411	307225	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245802	23 AND 24, SOUTH QUAY	652434	307215	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245804	26 AND 27, SOUTH QUAY	652434	307180	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245913	FASTOLFF HOUSE	652391	307502	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245914	NUMBER 2 AND ATTACHED WAREHOUSE	652361	307463	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245916	6, 7 AND 8, ROW 111	652458	307193	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245918	1, 2 AND 3, ST GEORGES PLAIN	652638	307289	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245920	PARK HOUSE (NUMBER 82)	652730	307331	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1245921	RED FLEET HOUSE	652705	307342	Medium	No Change	Neutral	N/A	Neutral
NHLE 1245980	9, QUEEN STREET	652370	307340	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246572	154, KING STREET	652540	307393	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246573	155, KING STREET	652530	307395	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246575	157 AND 157A, KING STREET	652528	307408	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246576	158, KING STREET	652529	307419	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246577	160, KING STREET	652517	307424	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246578	161, KING STREET	652516	307431	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246579	PEGGOTTYS PUBLIC HOUSE	652502	307432	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246580	CANNON BOLLARD, CANNON BOLLARD AT JUNCTION WITH ROW 116	652633	307212	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246587	123 AND 123A, KING STREET	652635	307157	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1246588	126 AND 127, KING STREET	652626	307184	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246589	131, KING STREET	652619	307205	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246590	132, KING STREET	652615	307214	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246591	133, KING STREET	652614	307223	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246592	134 AND 134A, KING STREET	652613	307235	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246593	135, KING STREET	652613	307242	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246594	136, KING STREET	652603	307253	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246595	137 AND 138, KING STREET	652596	307259	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246596	139, KING STREET	652596	307265	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246597	LIBERTIES PUBLIC HOUSE	652593	307277	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246598	NUMBER 141 INCLUDING AREA RAILINGS	652598	307292	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHLE 1246599	142, KING STREET	652591	307297	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246600	143, KING STREET	652593	307305	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246601	144, KING STREET	652582	307305	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246602	NUMBER 145 INCLUDING BASEMENT AREA RAILINGS IN FRONT	652579	307317	Medium	No Change	Neutral	N/A	Neutral
NHLE 1246603	NUMBER 148 INCLUDING RAILINGS TO DOORWAY	652570	307348	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271266	3, HOWARD STREET SOUTH	652376	307451	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271270	24 AND 24A, KING STREET	652534	307469	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271271	33, KING STREET (See details for further address information)	652626	307285	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271272	34, KING STREET	652629	307281	Medium	No Change	Neutral	N/A	Neutral
NHLE	CREDENCE HOUSE INCLUDING AREA	652645	307242	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1271273	RAILINGS							
NHLE 1271274	KINGS WINE BAR INCLUDING STEP RAILINGS	652646	307232	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271275	NUMBER 43 INCLUDING 2 STABLE RANGES TO REAR	652649	307222	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271276	NUMBER 44 INCLUDING RAILINGS TO STEPS	652648	307213	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271277	WORKING MENS CLUB	652679	307171	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271609	1, 2 AND 2BQ, SOUTH QUAY	652331	307379	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271610	3, SOUTH QUAY	652336	307364	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271612	5, SOUTH QUAY	652352	307348	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271613	6, SOUTH QUAY	652353	307337	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271614	7 AND 8, SOUTH QUAY	652358	307333	Medium	No Change	Neutral	N/A	Neutral
NHLE	10, SOUTH QUAY	652372	307307	Medium	No Change	Neutral	N/A	Neutral

Site Reference	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
1271615								
NHLE 1271616	11, SOUTH QUAY	652374	307304	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271617	12, SOUTH QUAY	652383	307310	Medium	No Change	Neutral	N/A	Neutral
NHLE 1271618	13 AND 14, SOUTH QUAY	652385	307292	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393653	YORK ROAD CENTRE (FORMER DRILL HALL)	652707	307236	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393704	FORMER GAS SHOWROOM	652646	307253	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393956	WORLD WAR II MEMORIAL	652656	307436	Medium	No Change	Neutral	N/A	Neutral
NHLE 1393957	WORLD WAR I MEMORIAL INCLUDING GATE AND GATE PIERS	652679	307440	Medium	No Change	Neutral	N/A	Neutral

Table A.28: Conservation Areas: Yarmouth Way

Site Reference	Conservation Area Name	Easting	Northing	Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
N/A	KING STREET	652617	307207	High/ Medium	No Change	Neutral	N/A	Neutral
N/A	HALL QUAY AND SOUTH QUAY	652310	307371	High	No Change	Neutral	N/A	Neutral
N/A	ST GEORGE'S	652795	307519	Medium	No Change	Neutral	N/A	Neutral

Table A.29: Non-Designated Heritage Assets: VMS Yarmouth Way

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 60006	Find Spot	Late Iron Age to Roman	LATE IRON AGE/ROMAN POTTERY SHERD	652500	307499	Medium	No Change	Neutral	N/A	Neutral
NHER 4325	Monument	Middle Saxon to Late Saxon	POSSIBLE VIKING SHIP	652664	307087	High/ Medium	No Change	Neutral	N/A	Neutral
NHER 4311	Find Spot	Medieval	MEDIEVAL MORTAR FIND	652450	307150	Medium/ Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	North-ing	Historic Value	Magnitu-de of Impact	Significan-ce of Potential Impact Before Mitigation	Mitigating Archaeologic-al Work Proposed	Significance of Residual Effects
NHER 30340	Find Spot	Medieval	MEDIEVAL POTTERY FIND	652553	307088	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 4280	Find Spot	Medieval	MEDIEVAL POTTERY	652476	307137	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 13372	Monument	Medieval	POSSIBLE MEDIEVAL ARCH	652526	307393	Medium	No Change	Neutral	N/A	Neutral
NHER 4320	Find Spot	Medieval	MEDIEVAL MORTAR AND MEDIEVAL WALL	652542	307249	Low	No Change	Neutral	N/A	Neutral
NHER 4297	Monument	Medieval to Post Medieval	GREYFRIARS , MIDDLEGATE STREET	652403	307336	High/Medium	No Change	Neutral	N/A	Neutral
NHER 4316	Monument	Medieval to Post Medieval	MEDIEVAL TOWN DITCH AND MULTI-PERIOD FINDS	652565	307491	Medium/Low	No Change	Neutral	N/A	Neutral
NHER 4273	Find Spot	Medieval to Post	MEDIEVAL AND POST	652557	307464	Medium/Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	North-ing	Historic Value	Magnitu-de of Impact	Significan-ce of Potential Impact Before Mitigation	Mitigating Archaeologic-al Work Proposed	Significance of Residual Effects
		Medieval	MEDIEVAL POTTERY							
NHER 13375	Monument	Medieval to Post Medieval	SITE OF GREAT YARMOUTH CASTLE	652555	307366	High	No Change	Neutral	N/A	Neutral
NHER 33475	Monument	Post Medieval to Modern	GRAMMAR SCHOOL GROUNDS	652849	307369	Low	No Change	Neutral	N/A	Neutral
NHER 36212	Monument	Medieval to Post Medieval	'ROW 117', REAR OF OLD GALLON CAN PUBLIC HOUSE, SOUTH QUAY	652465	307158	Low/ Medium	No Change	Neutral	N/A	Neutral
NHER 17802	Find Spot	Medieval to Post Medieval	MEDIEVAL TO POST MEDIEVAL RUBBISH DUMPING	652260	307435	Low/ Medium	No Change	Neutral	N/A	Neutral
NHER 4299	Monument	Medieval to Post Medieval	SITE OF TOWN HOUSE AND OLD STAPLE WOOL	652414	307216	Low/ Medium	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northi- ng	Historic Value	Magnitu- de of Impact	Significan- ce of Potential Impact Before Mitigation	Mitigating Archaeologic- al Work Proposed	Significance of Residual Effects
			HOUSE, SOUTH QUAY							
21167	Find Spot	Post Medieval	POST MEDIEVAL POTTERY BOTTLE	652479	307509	Low	No Change	Neutral	N/A	Neutral
22624	Find Spot	Post Medieval	POST MEDIEVAL POTTERY	652386	307468	Low	No Change	Neutral	N/A	Neutral
4274	Find Spot	Post Medieval	POST MEDIEVAL POTTERY	652453	307260	Low	No Change	Neutral	N/A	Neutral
4308	Find Spot	Post Medieval	POST MEDIEVAL POTTERY FINDS	652338	307486	Low	No Change	Neutral	N/A	Neutral
NHER 50289	Monument	Post Medieval	SITE OF 48A AND 48B DENESIDE, GREAT YARMOUTH	652658	307238	Low	No Change	Neutral	N/A	Neutral
NHER 55101	Monument	Post Medieval	IMPORTED 16TH AND 17TH CENTURY	652683	307110	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	North-ing	Historic Value	Magnitu-de of Impact	Significan-ce of Potential Impact Before Mitigation	Mitigating Archaeologic-al Work Proposed	Significance of Residual Effects
			MATERIAL AND RESIDUAL MEDIEVAL ARTEFACTS							
NHER 13576	Monument	Post Medieval to Modern	ROUTES OF GREAT YARMOUTH URBAN RAILWAYS	652364	307247	Low	No Change	Neutral	N/A	Neutral
NHER 63141	Monument	Post Medieval to Cold War	SITE OF YARMOUTH HOSPITAL, DENESIDE	652653	307336	Low	No Change	Neutral	N/A	Neutral
NHER 27361	Monument	World War Two	WORLD WAR TWO PILLBOX	652370	307233	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27367	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTERS	652481	307334	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27366	Monument	World War Two	WORLD WAR TWO STRUCTURE	652427	307319	Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	North-ing	Historic Value	Magnitu-de of Impact	Significan-ce of Potential Impact Before Mitigation	Mitigating Archaeologic-al Work Proposed	Significance of Residual Effects
NHER 27368	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652615	307054	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27372	Monument	World War Two	PROBABLE WORLD WAR TWO AIR RAID SHELTER	652542	307089	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27531	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTER	652439	307258	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27532	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTERS	652549	307214	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27432	Monument	World War Two	WORLD WAR TWO STRUCTURE	652770	307312	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27589	Monument	World War Two	SITE OF WORLD WAR TWO AIR RAID SHELTER	652742	307253	Low/Negligible	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 27530	Monument	World War Two	WORLD WAR TWO AIR RAID SHELTERS	652440	307389	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 54922	Monument	Modern	WORLD WAR I MEMORIAL, GATE AND GATE PIERS	652679	307440	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 54932	Monument	Cold War	GREAT YARMOUTH WORLD WAR II MEMORIAL	652658	307436	Low/Negligible	No Change	Neutral	N/A	Neutral

Table A.30: Non-Designated Heritage Assets: VMS Acle Road

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
NHER 4324	Monument	Medieval to Post Medieval	PADDYS LOKE	650769	309123	Medium	No Change	Neutral	N/A	Neutral
NHER	Find Spot	Medieval	MEDIEVAL	651319	309046	Low	No Change	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
34044		to Post Medieval	TO POST MEDIEVAL POTTERY AND TILE							
NHER 43692	Monument	Post Medieval	SITE OF POSSIBLE POST MEDIEVAL SHEEP FOLD NORTH OF PADDYS LOKE	651631	309085	Low	No Change	Neutral	N/A	Neutral
NHER 13571	Monument	Post Medieval to Modern	NORFOLK RAILWAY (YARMOUTH, NORWICH AND BRANDON)	613797	296264	Low	No Change	Neutral	N/A	Neutral
NHER 59972	Monument	Post Medieval to Modern	THE ACLE STRAIGHT OR ACLE NEW ROAD	644000	308929	Low	No Change	Neutral	N/A	Neutral
NHER 27630	Monument	World War Two	WORLD WAR TWO ROAD BLOCK ACROSS NEW ROAD	651588	308823	Low/Negligible	Moderate Adverse	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			AT RUNHAM, GREAT YARMOUTH							
NHER 27627	Monument	World War Two	WORLD WAR TWO BOMB CRATERS	651733	308786	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27631	Monument	World War One to World War Two	WORLD WAR TWO MILITARY SITE AT RUNHAM, GREAT YARMOUTH	651750	308865	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27625	Monument	World War Two	WORLD WAR TWO BOMB CRATER	651411	308892	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27629	Monument	World War Two	PROBABLE WORLD WAR TWO BOMB CRATER	651446	308799	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27626	Monument	World War Two	WORLD WAR TWO BOMB CRATERS	651495	308668	Low/Negligible	No Change	Neutral	N/A	Neutral
NHER 27628	Monument	World War Two	PROBABLE WORLD WAR	651546	308858	Low/Negligible	Moderate Adverse	Neutral	N/A	Neutral

Site Reference	Heritage Asset Type	Period	Site Name	Easting	Northing	Historic Value	Magnitude of Impact	Significance of Potential Impact Before Mitigation	Mitigating Archaeological Work Proposed	Significance of Residual Effects
			TWO BOMB CRATER							

Annex B: Settings Assessment Methodology

B1.1.1 The following is the methodology used in the settings assessment. It focuses on steps 2 and 3 with step 1 being the identification of the heritage assets and step 4 being mitigation in order to reduce the potential for harm to the setting of the heritage asset.

B1.1.2 Step 2: In assessing whether, how and to what degree the settings make a contribution to the significance of the heritage assets, a number of potential attributes of a setting were considered. These are presented in the table below.

Table B.1: Step 2 – Determining the Contribution of setting to the Significance of the Heritage Asset(s)

Contribution of Setting: Potential Attributes / Factors to Consider

The asset's physical surroundings:

- Topography;
- Other heritage assets (archaeological remains, buildings, structures, landscapes, areas or archaeological remains);
- Definition, scale and 'grain' of surrounding streetscape, landscape and spaces;
- Historic materials and surfaces;
- Land use;
- Openness, enclosure and boundaries; functional relationships and communications;
- Green spaces, trees and vegetation;
- History and degree of change over time;
- Integrity;
- Issues, such as soil chemistry and hydrology.

Experience of the asset:

- Surrounding landscape and town character;
- Views from, towards, through and across, including the asset;
- Visual dominance, prominence or role as focal point;
- Intentional intervisibility with other historic and natural features;
- Noise, vibration and other pollutants and nuisances;

Contribution of Setting: Potential Attributes / Factors to Consider

- Tranquillity, remoteness, 'wildness';
- Sense of enclosure, seclusion, intimacy or privacy;
- Dynamism and activity;
- Accessibility, permeability and patterns of movement;
- Degree of interpretation or promotion to the public;
- The rarity of comparable survivals of setting.

The asset's associative attributes:

- Associative relationships between heritage assets;
- Cultural associations;
- Celebrated artistic representations;
- Traditions.

B1.1.3 The attributes of the setting contribute to the sensitivity of the setting and its contribution to the significance of the asset. The table below presents examples of definitions for the sensitivity of a setting but these have not been considered as an exhaustive list.

Table B.2: Step 2 – Definitions of Sensitivity for the Settings of Heritage Assets

Examples of Settings	Contribution to Significance of the Asset
A defined setting that is contemporary with and historically and functionally linked with the heritage asset, may contain other heritage assets of international or national importance, has a very high degree of intervisibility with the asset and makes a very substantial contribution to both the significance of the heritage asset and to the understanding and appreciation of the significance of the asset.	Very substantial
Contemporary with and historically and functionally linked with the heritage asset, with minor alterations (in extent and/or character), has a high degree of intervisibility with the asset and which makes a substantial contribution to both the significance of the	Substantial

Examples of Settings	Contribution to Significance of the Asset
heritage asset and to the understanding and appreciation of the significance of the asset.	
Contemporary with and/or historically and/or functionally linked with the heritage asset but with alterations which may detract from the understanding of the heritage asset, and/or with a moderate degree of intervisibility with the asset and/or which makes a moderate contribution to the significance of the heritage asset and/or a moderate contribution to the understanding and appreciation of the significance of the asset.	Moderate
Largely altered so that there is very little evidence of contemporaneous and/or historic and/or functional links with the heritage asset, and/or with a low degree of intervisibility with the asset and/or which makes a minor contribution to both the significance of the heritage asset and to the understanding and appreciation of the significance of the asset.	Minor

B1.1.4 Step 3: Having assessed the contribution of the setting to the significance of the asset, the effect of the proposed development on the setting was determined by consideration of the potential attributes of the proposed development affecting setting. These are outlined in the table below.

Table B.3: Step 3 – Potential Attributes of the Proposed Scheme

Attribute	Factors to consider
Location and siting of the scheme	<ul style="list-style-type: none"> Proximity to asset; Extent; Position in relation to landform; Degree to which location will physically or visually isolate asset; Position in relation to key views.
The form and appearance of the scheme	<ul style="list-style-type: none"> Prominence, dominance, or conspicuousness; Competition with or distraction from the asset; Dimensions, scale and massing;

Attribute	Factors to consider
	<ul style="list-style-type: none"> • Proportions; • Visual permeability; • Materials (texture, colour, reflectiveness, etc.); • Architectural style or design; • Introduction of movement or activity; • Diurnal or seasonal change.
Other effects of the scheme	<ul style="list-style-type: none"> • Change to built surroundings and spaces; • Change to skyline; • Noise, odour, vibration, dust, etc.; • Lighting effects and 'light spill'; • Change to general character (e.g. suburbanising or industrialising); • Change to public access, use or amenity; • Change to land use, land cover, tree cover; • Changes to archaeological context, soil chemistry or hydrology; • Changes to communications/accessibility/permeability.
Permanence of the scheme	<ul style="list-style-type: none"> • Anticipated lifetime/temporariness; • Recurrence; • Reversibility.
Longer term or consequential effects of the scheme	<ul style="list-style-type: none"> • Changes to ownership arrangements; • Economic and social viability; • Communal and social viability.

B1.1.5 Once the sensitivity and contribution of the setting has been determined and the potential attributes of the proposed scheme upon it have been identified, the level of harm or beneficial impact of the potential scheme has been evaluated.

B1.1.6 The criteria for assessing the level of harm of impacts on setting are presented below. This presents definitions of varying scales of harm or benefit to the contribution of the setting.

Table B.4: Step 3 – Criteria for Assessment of Magnitude of an Impact on the Setting of a Cultural Heritage Asset

Level of Harm or Benefit	Guideline Criteria
Major beneficial	The contribution of setting to the cultural heritage asset's significance is considerably enhanced as a result of the development; a lost relationship between the asset and its setting is restored, or the legibility of the relationship is greatly enhanced. Elements of the surroundings that detract from the asset's cultural heritage significance or the appreciation of that significance are removed.
Moderate beneficial	The contribution of setting to the cultural heritage asset's significance is enhanced to a clearly appreciable extent as a result of the development; as a result, the relationship between the asset and its setting is rendered more readily apparent. The negative effect of elements of the surroundings that detract from the asset's cultural heritage significance or the appreciation of that significance is appreciably reduced.
Minor beneficial	The setting of the cultural heritage asset is slightly improved as a result of the development, slightly improving the degree to which the setting's relationship with the asset can be appreciated.
Negligible	The setting of the cultural heritage asset is changed by the development in ways that do not alter the contribution of setting to the asset's significance.
Less than substantial harm:	
Minor harm	The contribution of the setting of the cultural heritage asset to its significance is slightly degraded as a result of the development, but without adversely affecting the interpretability of the asset and its setting; characteristics of historic value can still be appreciated, the changes do not strongly conflict with the character of the site, and could be easily reversed to approximate the pre-development conditions.
Harm	The contribution of the setting of the cultural heritage asset to its significance is reduced appreciably as a result of the development. Relevant setting characteristics can still be appreciated but less readily.
Substantial harm	The contribution of the setting of the cultural heritage asset to its significance is effectively lost or substantially reduced as a result of the development, the relationship between the asset and its setting is no longer readily



Level of Harm or Benefit	Guideline Criteria
	appreciable.

B1.1.7 Changes may occur in the surroundings of an asset that neither affects their contribution to the significance of the asset, nor the extent to which its significance can be experienced. In such instances it is considered that there is no impact upon setting.

B1.1.8 Step 4: Approaches to maximising enhancement and minimising harm to the setting and significance of the assets as appropriate are presented within the main body of the report.

Annex C: References

C1.1 Published and Documentary Sources

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- Ref. 2: National Policy Statement for Ports, 2012.
- Ref. 3: The East Inshore and East Offshore Marine Plans, 2014.
- Ref. 4: The UK Marine Policy Statement, 2011.
- Ref. 5: Ministry of Housing, Communities and Local Government, 2019, National Planning Policy Framework.
- Ref. 6: Ministry of Housing, Communities and Local Government, 2018, Planning Policy Guidance: Conserving and enhancing the historic environment.
- Ref. 7: Great Yarmouth Local Plan: Core Strategy, adopted in 2015.
- Ref. 8: Great Yarmouth Draft Local Plan Part 2, 2018
- Ref. 9: Highway England Design Manual for Road and Bridges Volume 11 Section 3 Part 2 HA 208/07 Cultural Heritage.
- Ref. 10: Chartered Institute for Archaeologists, 2017, Standard and guidance for historic environment desk-based assessment.
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- Ref. 15: British Geological Survey (online).
- Ref. 16: Meeres, F., 2007, "A History of Great Yarmouth". Phillimore
- Ref. 17: Temple, C.R., 1993, Great Yarmouth and Gorleston: A Pictorial History, Phillimore & Co.
- Ref. 18: Norfolk Landscape Archaeology, 2009, Norfolk's Historic Landscape Character. A report on the Norfolk Historic Landscape Characterisation (HLC) Project.