

DATED

12 July

2023

SUFFOLK COUNTY COUNCIL (1)

- and -

NORTHUMBRIAN WATER LIMITED (2)

AGREEMENT

made pursuant to Section 278 of the Highways Act 1980
and any other enabling power relating to
the development of land off Bungay Road, Barsham, Suffolk

Nigel Inniss
Head of Legal Services
Suffolk County Council
8 Russell Road Ipswich
Suffolk IP1 2BX

Ref: AS/72141/Legal

SECTION 278 AGREEMENT
INDEX

	Page
Recitals & Definitions	
RECITALS AND DEFINITIONS.....	4
1 LEGAL EFFECT	9
2 NOTICES	10
3 GENERAL.....	11
4 ARBITRATION	12
5 COVENANTS.....	13
6 THIRD PARTY RIGHTS.....	14
7 LAPSE	14
SCHEDULE I	16
1 THE DESIGN OF THE HIGHWAY WORKS	16
2 LETTING OF THE CONTRACT.....	17
3 INSPECTION OF THE HIGHWAY WORKS	18
4 TESTING OF MATERIALS.....	19
5 OPENING OF THE HIGHWAY WORKS.....	20
6 UNDERTAKERS.....	21
7 PROTECTION OF THE PUBLIC	22
10 TIMING.....	24
11 SAFETY	24
12 ACCOMMODATION WORKS	24
13 CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015	24

14	SITE CLEARANCE AND CERTIFICATE(S) OF SUBSTANTIAL COMPLETION	26
15	DEFECTS CORRECTION PERIOD AND CERTIFICATE OF FINAL COMPLETION	27
16	INDEMNITY	28
17	PERFORMANCE CASH DEPOSIT	29
18	LEGAL AND ADMINISTRATIVE COSTS.....	30
19	PARTS I AND II OF THE LAND COMPENSATION ACT 1973.....	31
	SCHEDULE II.A <i>Not used</i>	33
	SCHEDULE III	33
	SCHEDULE IV.....	34
	SCHEDULE V.....	35
	SCHEDULE VI.....	36

THIS AGREEMENT is made the 12th day of July 2023
BETWEEN the following parties:-

- (1) SUFFOLK COUNTY COUNCIL of Endeavour House 8 Russell Road Ipswich
Suffolk IP1 2BX ("the County Council")
- (2) NORTHUMBRIAN WATER LIMITED (company number 02366703) of
Northumbria House, Abbey Road, Pity Me, Durham, DH1 5FJ ("the Developer")

RECITALS AND DEFINITIONS

- (A) In this Agreement unless the context otherwise requires the following words
shall have the following meanings:-

“1980 Act”	Means the Highways Act 1980 (as amended)
“Approved Contractor”	Means the contractor(s) approved by the County Council for carrying out the Highway Works of the value and complexity proposed
“Approved Sub-Contractor”	Means the sub-contractor(s) approved by the County Council for carrying out the Highway Works of the value and complexity proposed
“CDM Regulations”	Means the Construction (Design and Management) Regulations 2015 (SI 2015/51)
“Certificate of Final Completion”	Means any of the certificates referred to in paragraph 15.4 of Schedule I
“Certificate of Substantial Completion”	Means any of the certificates referred to in paragraph 14.2 of Schedule I
“Contract”	Means the contract or contracts in respect of each and all of the Highway Works
“Contractor”	Means the contractor or contractors who have been awarded the Contract to execute the Highway Works and includes any Sub-contractor (later defined)
“Development”	Means the development to be carried out pursuant to the Permission
“Director”	Means the County Council’s Executive Director of Growth, Highways and Infrastructure or other officers of the County Council acting under their hand
“Highway Works”	Means the works collectively or individually as the context requires comprising the Phase 1 Works and the Phase 2 Works
“Highway Structure”	Means any bridge, subway, culvert, pipe, tunnel, or other structure built in, over, under or adjacent to any part of the highway

“Performance Figure”	Means the sum of £77,488.12 being the Tender Sum plus 10 per cent in respect of the Highway Works and as set out in each of the Contracts
“Performance Cash Deposit”	Means the cash deposit for all of the Highway Works such cash deposit to be held by the County Council should the Developer default in the execution of its obligations to carry out the Highway Works and to maintain the same in accordance with the provisions of this Agreement then the County Council will apply the Performance Cash Deposit to the necessary works in satisfaction thereof (subject to the provisions hereinafter contained) to carry out the Highway Works and maintain the same as aforesaid.
“Permission”	Means the planning permission granted by East Suffolk Council dated 19 December 2022 granted with reference number DC/22/2371/FUL in respect of the Site together with any modification of it
“Phase 1 Works”	Means the works collectively or individually as the context requires which are set out in Schedule III of this Agreement and shown on the Phase 1 Works Drawings
“Phase 1 Works Drawings”	Means the attached drawings bearing the numbers referred to in Schedule IV or any subsequent revision of them which has been approved or requested by the Director and which relate to the Phase 1 Works
“Phase 2 Works”	Means the works collectively or individually as the context requires to reinstate the highway to the position it was prior to the carrying out of the Phase 1 Works as set out in Schedule V of this Agreement and shown on the Phase 2 Works Drawings
“Phase 2 Works Drawings”	Means the attached drawings bearing the numbers referred to in Schedule VI or any subsequent revision of them which has been approved or requested by the Director and which relate to the Phase 2 Works

“Road Safety Audit”	Means the evaluation of each and all of the Highway Works during design and at the end of construction to identify potential road safety problems that may affect any users of the highway and to suggest measures to eliminate or mitigate those problems in accordance with Department for Transport standards or by the County Council as agreed by the Director
“Site”	Means land off Bungay Road, Barsham, shown edged red for identification only on the attached plan no 33100799-STA-ZZ-XX-DD-D-0101 P2
“Specification”	The County Council’s “Specification for Estate Roads” dated May 2007 (or later amendment current at the date of this Agreement) so far as this is consistent with the Phase 1 Works Drawings and description in Schedule III (subject to any variations agreed in writing by the Director) and the Phase 2 Works Drawings and description in Schedule V (subject to any variations agreed in writing by the Director)
“Sub-contractor”	Means the sub-contractor(s) working for the Contractor(s) who have been contracted to execute the Highway Works
“Substantial Completion”	Means complete to the reasonable satisfaction of the Director and so that the Phase 1 Works can be used for the purpose and operate in the manner for which they were designed
“Technical Standards”	Means the standards necessary to ensure-complete conformity with all relevant UK primary and secondary legislation (including by-laws) relevant guidance standards and codes of practice issued by the Department for Transport the County Council statutory undertakers and relevant professional institutes the Road Safety Audit and formal instructions issued by the Director from time to time during the design and implementation of the Highway Works and for the avoidance of doubt this shall include the Traffic Signs Regulations and General Directions 2016 and BS5489 in relation to the design of any street lighting

“Tender Sum”	Means the sum of £70,443.75 (seventy thousand, four hundred and forty three pounds and seventy five pence) (including the costs associated with statutory undertakers work and traffic management) agreed by the Director for carrying out the Contract by the Contractor
“Working Days”	Means any day apart from Saturday, Sunday and any statutory Bank Holiday on which clearing banks are open in England for the transaction of ordinary business.
“Works Drawings”	Means the attached drawings bearing the numbers referred to in Schedule IV and VI or any subsequent revision of them which has been approved or requested by the Director

(B) In this Agreement unless the context otherwise requires:-

- (i) Words importing the singular meaning where the context so admits include the plural meaning and vice versa; and
- (ii) Words of the masculine gender include the feminine and neuter genders and words denoting actual persons include companies, corporations and firms and all such words shall be construed interchangeably in that manner; and
- (iii) “party” or “parties” means a party or parties to this Agreement; and
- (iv) references to any party shall include the successors in title and assigns of that party; and in the case of the County Council the successors to its statutory functions; and
- (v) where a party includes more than one person any obligations of that party can be enforced against all of them jointly and severally unless there is an express provision otherwise; and
- (vi) the headings and contents list in this Agreement shall not form part of or affect its construction; and
- (vii) references to clauses schedules and paragraphs are references to clauses in and schedules to this Agreement and paragraphs in schedules to this Agreement; and

- (viii) where a party or any officer or employee is required to give its consent approval or agreement to any specific provision in this Agreement such consent approval or agreement shall not be unreasonably withheld or delayed; and
 - (ix) any mention herein of any act or of any section regulation or statutory instrument shall be deemed to refer to the same source as at any time amended and where such act section regulation or statutory instrument has been replaced consolidated or re-enacted with or without amendment such mention shall be deemed to refer to the relevant provision of the updating consolidating or re-enacting act or section or regulation or statutory instrument.
- (C) The County Council is the highway authority (except for trunk roads) for the purposes of the 1980 Act for the area within which the Site is situated and the Highway Works will be carried out.
- (D) The Developer has the benefit of the Permission.
- (E) The Developer purchased the Site which is part of a larger parcel of land currently registered at the Land Registry under Title Number SK242791 on 1 September 2022 and is presently pending registration at HM Land Registry as registered proprietor with title absolute.
- (F) Having regard to the Permission the County Council considers it expedient in the interests of the proper planning of their area that the Highway Works need to be carried out to facilitate the Development and that entering into this Agreement will be of benefit to the public.
- (G) The Highway Works as set out in this Agreement are temporary works to facilitate access to the Site and as agreed between the Parties and subject to the terms of this Agreement the highway will be reinstated to its previous layout on conclusion of such usage as shown on the Phase 2 Works Drawings.

NOW THIS DEED WITNESSES as follows:-

1 LEGAL EFFECT

- 1.1. This Agreement and the covenants that appear hereinafter are made pursuant to Sections 72 and 278 of the 1980 Act, Section 111 of the Local Government Act 1972, Section 1 of the Localism Act 2011 and all other

enabling powers to the intent that the provisions of this Agreement shall bind the Site and the parties hereto and all persons deriving title through or under them.

- 1.2. This Agreement is a Deed. Any financial default under this Agreement will be registered as a Local Land Charge under section 278(5)(c) of the 1980 Act.
- 1.3. No waiver (whether express or implied) by the County Council of any breach or default by the Developer in the performance or observance of any of the covenants, terms or obligations in this Agreement shall constitute a continuing waiver and no such waiver shall prevent the County Council from enforcing any of the covenants, terms or obligations or from acting upon any subsequent breach or default in respect thereof.
- 1.4. Any provision of this Agreement which is or may be unlawful void or unenforceable shall to the extent of such unlawfulness invalidity or unenforceability be deemed severable and shall not affect any other provision of this Agreement.
- 1.5. This Agreement is governed by and interpreted in accordance with English law and shall be determined in the Courts of England.

2 NOTICES

- 2.1. Any notices or other written communication to be served or given by one party upon or to any other party under the terms of this Agreement shall be deemed to have been validly served or given if delivered by hand or sent by recorded delivery post to the party upon whom it is to be served or to whom it is to be given or as otherwise notified for the purpose by notice in writing provided that the notice or other written communication is addressed and delivered by hand or by recorded delivery post or by email to the

address of the party concerned as nominated in sub-clause 2.2. below

- 2.2. The address for any notice or other written communication in the case of each party to this Agreement shall be as follows:-

The County Council Suffolk County Council Endeavour House 8 Russell Road Ipswich IP1 2BX marked for the attention of the Assistant Director of Governance, Legal and Assurance (or where the context requires the Executive Director of Growth, Highways and Infrastructure, Endeavour House 8 Russell Road Ipswich IP1 2BX)

The Developer marked for the attention of The Company Secretary, Northumbrian Water Limited, Northumbria House, Abbey Road, Pity Me, Durham DH1 5FJ

- 2.3. Any notice or other written communication to be given by the County Council shall be deemed to be valid and effective if on its face it is signed on behalf of the County Council by a duly authorised officer

- 2.4. Any notice or other written communication to be given by the Developer shall be deemed to be valid and effective if on its face it is signed on behalf of the Developer by its Company Secretary or Solicitor acting on its behalf

3 GENERAL

- 3.1. All works and activities to be carried out under the terms of this Agreement (including for the avoidance of doubt such works as are of a preparatory ancillary or of a maintenance nature) are (save

where expressly provided otherwise) to be at the sole expense of the Developer and at no cost to the County Council.

3.2. All consideration given and payments made in accordance with the provisions of this Agreement shall be exclusive of any VAT properly payable in respect thereof and in the event of VAT becoming chargeable at any time in respect of any supply made in accordance with the terms of this Agreement then to the extent that VAT had not previously been charged in respect of that supply the person making the supply shall raise a VAT invoice to the person to whom the supply was made and the VAT shall be paid accordingly.

3.3. The County Council and their respectively duly authorised officers and agents may enter upon the land on which the Highway Works are being carried out at any reasonable time and subject to prior reasonable notice (save in case of emergency when no notice shall be required) to ascertain whether the terms of the Agreement are being or have been complied with.

4 ARBITRATION

4.1. Any dispute or difference arising between the parties as a result of this Agreement may be referred to the arbitration of a single arbitrator to be agreed upon between the parties or failing agreement within fourteen days after either of the parties has given to the other a written request requiring the appointment of an arbitrator to a person to be appointed at the request of either of the parties by the President for the time being of The Institution of Civil Engineers

4.2. Any reference to arbitration shall be undertaken in accordance with and subject to the provisions of the Arbitration Act 1996 save as follows:-

- (a) the seat of the arbitration shall be a place agreed between the parties (acting reasonably)
- (b) where appropriate the arbitrator may consolidate arbitral proceedings

- (c) with the parties' agreement the arbitrator may appoint experts or legal advisers at the joint cost of the parties
- 4.3 A party wishing to refer any such dispute or difference to arbitration shall notify the other party in writing of such intention without delay
- 4.4 The arbitrator shall act as a referee and not as an expert except in any case where the parties to a dispute or difference agree on the arbitrator when such parties may also agree that such arbitrator shall act as an expert
- 4.5 Subject to Sections 67 68 and 69 of the Arbitration Act 1996 the parties agree to be bound by the decision of the arbitrator

5 COVENANTS

- 5.1. The Developer covenants and warrants to the County Council that they have full power to enter into this Agreement and there is no other person having a charge over or any other interest in the Site whose consent is necessary for the Developer to enter into this Agreement
- 5.2. The Developer hereby covenants and undertakes with the County Council that from the date of this Agreement it will (unless otherwise agreed by the County Council) carry out and comply with the obligations set out in Schedule I and the details set out in Schedules III, IV, V and VI hereto
- 5.3. The County Council without prejudice to its statutory powers and duties hereby appoints the Developer to act as its agent and gives to the Developer licence (in so far as is reasonably necessary for the Developer to perform the obligations under the terms of this Agreement) to enter into and upon and remain upon the highway to carry out the construction of the Highway Works within the timescales referred to in Schedules III and V hereto or such other period as may be agreed in writing by the Director, provided that this licence shall not extend to the Developer's successors in title or assigns unless otherwise agreed in writing by the Director prior

to that successor or assignee commencing work in the public highway.

- 5.4. The Developer covenants with the County Council not to commence the Highway Works set out in Schedules III and V unless road space has first been booked with the County Council.
- 5.5. The Developer covenants with the County Council as highway authority to give written notice not less than three (3) calendar months or such lesser period as may be agreed by the Director who will at all times act reasonably prior to works commencing, in order that the County Council as highway authority has sufficient time to ensure that the commencement of works will cause the least disruption possible to road users and the County Council reserves the right to refuse consent and/or to stop or require the stopping of works under the terms of this Agreement and relevant legislation where the aforesaid notice period is not complied with.
- 5.6. The Developer covenants with the County Council as highways authority to comply with the provisions of the New Roads and Street Works Act 1991, the Traffic Management Act 2004 and any amendments thereof.

6 THIRD PARTY RIGHTS

- 6.1. It is hereby agreed and declared that the provisions of Contracts (Rights of Third Parties) Act 1999 shall not apply to this Agreement.

7 LAPSE

- 7.1. If the Phase 1 Works have not been commenced within one (1) year from the date of this Agreement, save as this period is otherwise extended in writing by the Director at his discretion then this Agreement shall lapse and be of no further effect (save to the extent already complied with) and the Developer agrees to pay to the County Council any costs properly incurred by the County Council

prior to the lapse of this Agreement (which have not already been paid).

Where, in accordance with clause 7.1 above the Director, at his discretion, agrees in writing to an extension to the period of one (1) year after which this Agreement shall lapse this Agreement shall lapse at the end of such period as agreed in writing by the Director where the Phase 1 Works have not been commenced by the expiry of that extension period.

In witness whereof this Agreement has been executed and delivered as a Deed on the date first written above

The COMMON SEAL of)
SUFFOLK COUNTY COUNCIL)
was hereunto affixed)
in the presence of)



..... Anna Mulholland
A Duly Authorised Officer

EXECUTED AS A DEED by)
NORTHUMBRIAN WATER LIMITED)
acting by its Attorney)

signature of Attorney

..... *R. Somerville*
(Richard Somerville)

in the presence of :-

Witness signature *EA Hewson*

Name *Elizabeth Ann Hewson*

Address *c/o*

Northumbrian Water Limited
Northumbria House
Abbey Road
Pity Me
Durham DH1 5FJ

SCHEDULE I

1 THE DESIGN OF THE HIGHWAY WORKS

1.1 The design of the Highway Works shall be to the satisfaction of the Director with due consideration of the Technical Standards.

1.2 No work on any of the Highway Works shall commence and no Contract for their construction shall be let until:

1.2.1 full details of the design of the Highway Works to be commenced in the form of plans, drawings, specifications and other materials have been submitted to the Director together with the name of the principal designer (whom the Developer shall appoint for the full duration of the design and construction of each and all of the Highway Works) in accordance with the CDM Regulations and any codes of practice referred to therein; and

1.2.2 the Director has given their written approval for the Highway Works to be commenced and such approval shall not be given if the said plans, drawings, specifications and other documentation have not adequately addressed the issues raised in the pre-construction stages of the Road Safety Audit process and if given shall lapse if the Highway Works are not commenced within the period specified in clause 7 of this Agreement.

1.2.3 preliminary proposals, detailed contract drawings, schedules and specifications for Highway Structures have been prepared by the Developer and submitted for written approval to the Director's Bridge Office in accordance with Department for Transport Document BD2/12 and the structural design and checking procedure has been carried out by an incorporated or chartered engineer familiar with Department for Transport Codes of Practice and experienced in the design of Highways Structures. The documents are to be agreed as applicable with the Director before the design is commenced and details are submitted for approval

1.3 If the Director does not propose to give their approval in relation to those matters referred to in paragraph 1.2 of this Schedule they shall in each case as soon as reasonably practicable in writing inform the Developer and if the Director requires amendments or additions to the plans, drawings

specifications and other materials referred to in paragraph 1.2 of this Schedule these amendments shall be undertaken by the Developer at its own expense and a revised set of updated documents shall be re-submitted to the Director for their approval.

- 1.4 Without prejudice to paragraph 1.2 of this Schedule, the Director shall not give his approval as referred therein until the Developer has paid the sum referred to in paragraph 18.1.3 towards the cost of checking the design of the Highway Works and inspecting the Highway Works. The Highway Works at all times shall be carried out in accordance with the plans, drawings, specifications and other materials which have received the Director's approval referred to in paragraph 1.2 of this Schedule and the Developer shall in the execution of the Highway Works comply or ensure that the Contractor complies with the Technical Standards.

2 LETTING OF THE CONTRACT

- 2.1 No Contract shall be let until all traffic management measures have been prepared by the Developer and approved in writing by the Director ("the approved programme") and thereafter each of the Contracts will be offered to an Approved Contractor.
- 2.2 The Contract to be let under paragraph 2.1 of this Schedule shall be let under NEC4 suite of contracts (and any amendments thereto shall be approved by the Director) and the Developer shall obtain the agreement of the Contractor to be bound by the agreed drawings in Schedule IV in delivering the Phase 1 Works and the agreed drawings in Schedule VI in delivering the Phase 2 Works.
- 2.3 The Contract shall be awarded by the Developer subject to the Director having first given their written approval to the proposed chartered engineer(s) or other suitably qualified person(s) who shall be independent of the Contractor and will supervise the execution of the Highway Works by the Contractor.
- 2.4 The Developer shall not award the Contract unless the Approved Contractor and the Approved Sub-Contractor(s) concerned are insured throughout the period of the Contract (such period to include the maintenance period detailed in paragraph 15.1 of this Schedule) for public liability risks in the sum of at least ten million pounds (£10,000,000) in

respect of any single claim and the Developer shall ensure that the Contractor remains so insured throughout the period of the Contract and prior to the commencement of each or all of the Highway Works or any maintenance works carried out in accordance with paragraph 15.1 of this Schedule the Developer shall produce to the Director insurance policies fully covering the Developer's liability in respect of the matters set out in this Agreement.

- 2.5 The Developer shall not sub-contract or assign the Contract without the written approval of the Director and any sub-contractor shall be an Approved Sub-Contractor.

3 INSPECTION OF THE HIGHWAY WORKS

- 3.1 The Developer shall provide the Director with not less than twenty-four (24) hours' nor more than seventy-two (72) hours' notice (excluding weekends and bank holidays) of any intended execution of the Highway Works specifying the tasks to be carried out in accordance with the approved programme referred to in paragraph 2.1 of this Schedule.
- 3.2 Without prejudice to the approved programme the Developer shall notify the Director in writing at least twenty-eight (28) days prior to the commencement of any work connected with statutory undertaker's equipment.
- 3.3 The Developer shall during the progress of each and all of the Highway Works give to or procure for the Director and any person or persons duly authorised by them free access to every part of the Highway Works and the Site and permit them to inspect the same as they proceed and all materials used or intended to be used therein and shall give effect to any reasonable and proper requirements made or reasonable and proper directions given by the Director to conform to the approved detailed plans, drawings and specification referred to in paragraph 1.2 of this Schedule.
- 3.4 The Developer shall not cover up or put out of view any works forming part of the Highway Works without the approval of the Director and shall afford full opportunity for the Director to examine and measure any work which is about to be covered up or put out of view and to examine foundations before permanent work is placed thereon and shall give at least seventy-

two (72) hours' notice to the Director whenever any such work or foundations is or are ready or about to be ready for examination.

3.5 The Director shall without unreasonable delay, unless they consider it unnecessary and advise the Developer accordingly, attend when required by the Developer for the purpose of examining such works or of examining such foundations.

3.6 The Director shall for the purposes of paragraphs 3.1 to 3.6 be allowed reasonable access and admission to the Highway Works or the places where materials or plant for the Highway Works may be stored or in the course of preparation manufacture or use (unless such access or admission is refused due to circumstances beyond the control of the Developer).

4 TESTING OF MATERIALS

4.1 The Developer shall reimburse the County Council for all reasonable costs and expenses whatsoever arising from the operation of paragraphs 4.2 to 4.5.

4.2 The Director shall require the testing of materials plant and workmanship used or proposed to be used in the Highway Works and in their reasonable discretion has the power to reject any materials plant or workmanship so tested which they may reasonably and properly find to be not in accordance with the relevant approved detailed plans, drawings and specification referred to in paragraph 1.2 of this Schedule.

4.3 The Developer shall, as soon as is reasonably practicable, replace or repair any materials plant or workmanship which have been found to be not in accordance with the relevant approved detailed plans, drawings and specification referred to in paragraph 1.2 of this Schedule.

4.4 The Director shall, for the purposes of paragraphs 4.2 to 4.5, be allowed reasonable access and admission to the Highway Works or the places where materials or plant for the Highway Works may be stored or in the course of preparation manufacture or use (unless such access or admission is refused due to circumstances beyond the control of the Developer).

4.5 The Developer shall, as soon as is reasonably practicable, remove such materials and plant as are rejected by the Director pursuant to paragraph 4.2 of this Schedule which are not capable of repair or remedy from the Site and if the Developer shall wish to continue to store such rejected materials and plant on the Site they shall be stored separately from those materials and plant which have not been so rejected or which the Developer shall wish in future to use in execution of the Highway Works.

5 OPENING OF THE HIGHWAY WORKS

5.1 During the construction of each and all of the Highway Works and prior to the issue of the Certificate of Substantial Completion in respect of the Phase 1 Works or the Certificate of Final Completion in respect of the Phase 2 Works (as appropriate):

- (a) the Director may issue instructions to the Developer to open or expose any of the Highway Works which has been covered up without previously being inspected by the Director; and
- (b) should the Developer fail to comply with any such instructions the County Council may so take up or expose the relevant part of the Highway Works causing as little damage or inconvenience as is possible in respect of any other part or parts of the Highway Works the reasonable and proper cost of such taking up or exposure and reinstatement to be met by the Developer,

PROVIDED THAT if the Highway Works or any part or parts thereof are covered up by the Developer after giving the notice referred to in paragraph 3.1 of this Schedule and the Director shall have failed to inspect in the period therein referred to and the Director shall subsequently require the Highway Works or any part of them to be uncovered for the purposes of inspection:-

- (a) if inspection reveals the relevant part or parts of the Highway Works or to have been completed in accordance with the relevant approved detailed plans, drawings and specification referred to in paragraph 1.2 of this Schedule all costs in respect of such uncovering and inspection and of reinstating the part or parts of the Highway Works uncovered shall be borne by the County Council; or

- (b) if inspection reveals the relevant part or parts of the Highway Works have not been completed in accordance with the relevant approved detailed plans, drawings and specifications referred to in paragraph 1.2 of this Schedule all reasonable and proper costs in respect of uncovering and inspection and of reinstating the part or parts of the Highway Works or uncovered shall be borne by the Developer.

6 UNDERTAKERS

6.1 Insofar as the County Council as Highway Authority is required by any legislation, regulation, direction or code of practice (including in particular but without prejudice to the generality of the foregoing the New Roads and Street Works Act 1991) to serve a notice or notices in respect of the Highway Works on undertakers or other persons the Developer shall comply with such requirement on behalf of the County Council before the Highway Works commence and shall thereafter assume on behalf of the County Council such responsibilities as follow on therefrom in particular during the construction of the Highway Works and prior to the issue of the Certificate of Substantial Completion the Developer shall also:-

- (a) carry out or procure the carrying out of such works and activities in regard to the plant and equipment of undertakers as are required by undertakers in accordance with their statutory powers under the New Roads and Street Works Act 1991 as a result of the construction or intended construction of each and all of the Highway Works;
- (b) cause all public sewers, highway drains gas and water mains electric cables and telecommunications ducts or other apparatus which are to be laid by the Developer under the Highway Works together with all necessary connections from them to the boundary of the Highway Works to be laid so far as is practicable under the Highway Works before the foundation of the Highway Works are laid and shall also in so far as is practicable cause the connections from electric cables to any street lamp to be laid before the paving of the footways comprised in the Highway Works is carried out;
- (c) cause all trench works within the highway to be backfilled and reinstated in accordance with the Specification for the Reinstatement of Openings in the Highway as determined from time to time under the New Roads and Street Works Act 1991; or

- (d) not at any time give consent to the erection by any telecommunications operator of telegraph poles or telephone poles or to the erection by any statutory undertaker or public or private company firm or individual of any over ground or underground equipment without the consent in writing of the Director.

7 PROTECTION OF THE PUBLIC

- 7.1 The Developer shall give due consideration to adjoining owners and occupiers at all times and shall organise activities relating to the Highway Works in such a manner as to cause the least practicable disruption.
- 7.2 Prominent notices shall be displayed and maintained around the perimeter of the site of each and all of the Highway Works to warn the public of the dangers of entering the Site.
- 7.3 The Developer shall nominate a member of the site management team as the contact point for the Director in the event of an emergency and shall advise a daytime and twenty-four (24) hour contact number to the Director for the same purpose.
- 7.4 The Developer shall take or procure the taking of all necessary steps to avoid creating a nuisance from noise and in particular:
 - 7.4.1 the Developer shall afford all reasonable facilities to enable the Director to carry out such site investigations as they may deem necessary in order to determine noise emission levels;
 - 7.4.2 all vehicles and plant including compressors shall be fitted with effective silencers and acoustic covers as appropriate and maintained in good working order and all static plant shall be located to minimise nuisance to persons living or working in the vicinity;
 - 7.4.3 all portable traffic signals and pumps shall be operated from mains electricity unless otherwise agreed with the Director; and
 - 7.4.4 noisy activities shall not be permitted on Sundays and Bank Holidays and except as agreed in writing by the Director shall not be permitted outside the hours of 9.30 a.m. to 4.30 p.m. Monday to Friday and 9.30 a.m. to 1 p.m. on Saturdays,

PROVIDED THAT if in the reasonable opinion of the Director the Developer is not dealing adequately with the control of noise the Developer shall carry out or procure the carrying out of such additional measures as the Director considers necessary at the Developer's expense.

- 7.5 Compliance with the provisions of paragraph 7.4 shall not relieve the Developer of any of his obligations and liabilities under this Agreement, the Control of Pollution Act 1974 or the Environmental Protection Act 1990.
- 7.6 The Developer shall take or procure the taking of all necessary steps to avoid creating a nuisance from dust and as far as practicable works are to be carried out in such a way that dust is kept to a minimum PROVIDED THAT if in the reasonable opinion of the Director the Developer is not dealing adequately with the control of dust the Developer shall carry out or procure the carrying out of such additional measures as the Director considers necessary at the Developer's expense.
- 7.7 The Developer shall arrange the regular removal of refuse likely to encourage vermin and arrange for suitable secure storage containers to be provided for collection.
- 7.8 The Developer shall keep a log book on site to record all complaints received from the public and the action taken in response and the log book shall be available for inspection by the Director.

8 PREVENTION OF MUD BEING CARRIED ON THE PUBLIC HIGHWAY

- 8.1 Provision shall be made at the Site to limit in so far as is practicable the amount of mud, dust and other materials carried on to adjacent public highways by vehicles and plant leaving the Site.
- 8.2 The Developer shall keep or procure the keeping of all roads footpaths rights of way and other means of passage leading to or from or crossing the Site free from mud, slurry or other hazardous substances that are deposited through the construction of the Highway Works and any such substance so deposited on any such road, footpath, right of way or other means of passage shall be promptly removed by or at the direction of the Developer.

8.3 The Director may close any associated crossings, entrances and exits if such substances deposited are not promptly removed by the Developer and any losses or expenses incurred as a result shall be borne by the Developer and on removal of such substances the Director shall reopen such crossings, entrances and exits and the Developer shall bear the costs incurred.

9 TRAFFIC CONTROL

9.1 During the periods when the Highway Works are being executed the Developer shall institute at its own expense measures previously approved in writing by the Director to maintain the safe flow of traffic on the highways in the vicinity of the site of the Highway Works.

9.2 The Highway Works shall be signed and protected to at least the standards of Chapter 8 of the Traffic Signs Manual published by His Majesty's Stationery Office and the proposed arrangements shall be approved in writing by the Director before the Highway Works commence.

10 TIMING

10.1 No Highway Works within or affecting existing public highways or temporary diversions which could interfere with the traffic flow will be permitted within the morning and evening peak periods i.e. 7.30 - 9.30 a.m. and 4.30 - 6.30 p.m. Monday to Friday except as agreed in writing by the Director.

11 SAFETY

11.1 During the periods when the Highway Works are being carried out the Developer shall provide all watching and lighting as required and shall maintain all lights, guards, fencing, warning signs when and, where necessary, undertake such further measures as may be reasonably required by the Director.

12 ACCOMMODATION WORKS

12.1 The Developer shall carry out or ensure that there shall be carried out all related accommodation works associated with the Highway Works.

13 CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015

- 13.1 The Developer shall be the only client for the purpose of the CDM Regulations and the Developer agrees to undertake the obligations of a client under the CDM Regulations and to use all reasonable endeavours to ensure that the Highway Works or are carried out in accordance with the CDM Regulations.
- 13.2 The Highway Works shall not commence until the Developer as the only client has provided to the Director in respect of the relevant works:
- 13.2.1 an estimate of the number of working days and/or person days of construction work and the number of workers working on site simultaneously at any one point in the project which the Contract will entail;
 - 13.2.2 written details of the principal designer and the principal contractor appointed for the project and also provide copies of the Construction Phase Plan and Health & Safety File; and
 - 13.2.3 a copy of the Notification of Project (form HSE F10) to the HSE pursuant to Regulation 6 of the CDM Regulations.
- 13.3 Throughout the Highway Works the Developer shall provide to the Director copies of the updates and revisions to the construction phase plan and Health and Safety File pursuant to Regulation 12.
- 13.4 Within twenty-eight (28) days of issue of the Certificate of Substantial Completion for any or all of the Phase 1 Works or as soon as reasonably practicable following completion of the Phase 2 Works the Developer shall provide to the Director:
- 13.4.1 a plan showing the land over which the Phase 1 Works or Phase 2 Works (as appropriate) have been constructed; and
 - 13.4.2 a Health and Safety file in respect of the relevant works conforming in all respects with the CDM Regulations and which shall accord with the current format used by the County Council.
- 13.5 The Director shall be at liberty to delay issue of the Certificate of Final Completion in respect of any of the Phase 2 Works if the Developer fails to provide the Director with the documents referred to in 13.4.1 and 13.4.2 above within twenty-eight (28) days of issue of any Certificate of

Substantial Completion for any of the Phase 1 Works by a period equivalent to the number of days after the twenty-eight (28) day period that the documents were submitted or where such documents referred to in 13.4.1 and 13.4.2 have not been provided by prior to issue of the Certificate of Final Completion for the Phase 2 Works.

13.6 In respect of the Highway Works generally the Developer shall provide to the Director the final information in both paper and electronic format and shall at least comprise:

13.6.1 1:500 scale (or alternative scale as may be specified by the Director) "as built" drawings;

13.6.2 records of the earthworks showing sources of material used in areas of fill description of fill materials descriptions of sub-grades in cut areas copies of results of tests of material carried out as part of the supervision of the construction of the earthworks;

13.6.3 records of the sources of supply of all deliveries of road construction materials with details of the location of the Highway Works at which each load is placed; and

13.6.4 records of the sources of supply of all other manufactured materials (e.g. drainage goods, fencing materials, traffic signs, electrical components and cables etc).

13.7 The Developer shall indemnify and keep the County Council indemnified against any breach of the Developer's obligations under this paragraph 13.

14 SITE CLEARANCE AND CERTIFICATE(S) OF SUBSTANTIAL COMPLETION

14.1 On Substantial Completion of the Phase 1 Works and upon completion of the Phase 2 Works to the satisfaction of the Director, the Developer shall:-

14.1.1 clear away and remove from the Site all constructional plant and temporary works of every kind and leave the Site in a neat and tidy condition to the satisfaction of the Director; and

14.1.2 in respect of the Phase 1 Works only carry out stage 3 of the Road Safety Audit process and comply to the satisfaction of the Director

with recommendations arising thereunder prior to the opening of the Phase 1 Works to the public.

14.2. Upon Substantial Completion of the Phase 1 Works, including any additional work resulting from stage 3 of the Road Safety Audit process to the satisfaction in all respects of the Director, the Director shall issue a Certificate of Substantial Completion in respect of those Phase 1 Works to the Developer provided that all costs and expenses owing to the County Council have been paid in respect of those Phase 1 Works.

14.3. After the issue of the Certificate of Substantial Completion the County Council may approve a reduction of up to 33% (thirty-three percent) of the Performance Figure and return that amount plus interest applied at the Bank of England Base Rate minus 2 basis points, compounding annually at financial year end to the Developer on receipt of a written request in respect of the relevant Highway Works and the County Council shall release the Developer from its obligations under that Performance Cash Deposit in respect of the relevant Highway Works to such extent if for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement

15 DEFECTS CORRECTION PERIOD AND CERTIFICATE OF FINAL COMPLETION

15.1 The Developer shall maintain each and all of the Phase 1 Works for a period of twenty-four (24) months (unless the Director agrees in writing a lesser period having considered paragraph 15.2) from the issue of the related Certificate of Substantial Completion and prior to the expiration of this period the Developer shall reinstate and make good any damage or defect which may have arisen from any cause whatsoever or be discovered during the said period of twenty-four (24) months (including any defect in or damage to the surface water drainage system) so as to place the highway and the Phase 1 Works in a condition satisfactory to the Director.

15.2 After the expiration of the period of twelve (12) months from Substantial Completion or the date the Development becomes operational (whichever is the latter) the Developer shall (unless the Director writes to the Developer informing them that it is to be carried out sooner or that he does not need to do so) carry out stage 4 of the Safety Audit and comply to the satisfaction of the Director with any recommendations arising thereunder.

15.3 Upon the expiration of the period of twenty-four (24) months referred to in paragraph 15.1 (or such lesser period as agreed in writing by the Director under paragraph 15.1) the Developer shall undertake the Phase 2 Works UNLESS an extension of time is agreed in writing with the Director in which case the Phase 2 Works shall be undertaken forthwith at the expiry of such extended period; or

15.4 Subject to paragraph 15.5 below after completion of the Phase 2 Works and after any defects have been made good to the satisfaction of the Director and after the provisions of paragraph 13.4 and paragraph 19.2 of this Schedule have been fulfilled the Director shall issue forthwith to the Developer the Certificate of Final Completion in respect of the Phase 2 Works provided that the Certificate of Final Completion shall in the case of road gullies extend only as far as their points of entry to the surface water sewers where those are not being adopted by the County Council as highway drains and upon the issue of the Certificate of Final Completion the County Council shall release the Developer from all subsisting obligations under the Performance Cash Deposit and shall release to the Developer the remainder of that deposit and interest applied at the Bank of England Base Rate minus two basis points compounding annually at financial year end on receipt of a written request. If for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement

16 INDEMNITY

16.1 The Developer shall from the date of this Agreement indemnify the County Council against all claims, charges, costs, expenses, liability or loss whatsoever arising out of and incidental to any or all of the Highway Works including, but not limited to, those arising out of any legally sustainable claims for payments under Section 10 of the Compulsory Purchase Act 1965 and Part I of the Land Compensation Act 1973 (as amended) in connection with those Highway Works provided that the Developer's indemnity will not extend to any claims submitted to the County Council arising out of the negligence of the County Council's employees or arising out of any works of alteration carried out to any of the Highway Works by the County Council after the issue of the related Certificate of Final Completion.

16.2 The County Council shall notify the Developer forthwith upon receipt of any such claim or liability.

16.3 The County Council shall not accept or settle any claim without first having given the Developer the opportunity to provide the County Council with representations as to the validity of such claim.

16.4 The indemnification referred to in paragraph 16.1 includes:

16.4.1 all fees incurred by claimants which the County Council is obliged to pay, and those of the County Council or its agent or contractor, in negotiating any claims (together with VAT payable on the claimants' professional advisors' fees);

16.4.2 statutory interest payments to claimants and their professional advisors; and

16.4.3 the County Council's reasonable and proper legal costs in making the compensation, fees and interest payments.

17 PERFORMANCE CASH DEPOSIT

17.1 Without expense to the County Council the Developers shall on the date of this Agreement pay the Performance Cash Deposit to the County Council and the Developer shall be bound to the County Council in the amount of the Performance Figure for the Highway Works.

17.2 Should the Developer default in the execution of its obligations to carry out any or all of the Highway Works and to maintain the same in accordance with the provisions of this Agreement then the County Council may (subject to the provisions hereinafter contained) itself carry out the Highway Works and maintain the same as aforesaid having first called on the Performance Cash Deposit for the cost to be expended in doing so

17.2.1 unless there is a danger to users of the highway the County Council shall give twenty (20) working days prior written notice (or lesser period as may in the circumstances be reasonable) of its intention to commence work under paragraph 17.3;

17.2.2 any notice served under this paragraph shall specify the period of the notice ("the Notice Period") the extent of the work which the

County Council proposes to carry out and full details of all matters in respect of which the Director considers that the Highway Works have not been carried out in accordance with the terms of this Agreement; and

17.2.3 if before the expiry of the Notice Period the Developer serves written notice upon the County Council that the Developer intends diligently to execute the works specified in the notice in accordance with the terms of this Agreement and specifies a time to complete that the County Council considers reasonable in the circumstances the County Council shall not be entitled to execute the relevant part or parts of the Highway Works specified in the notice served under this paragraph unless the Developer then fails to execute those works within the agreed time scale.

17.3 If the Developer should default in the execution of its obligations to carry out any or all of the Highway Works and to maintain the same in accordance with the provisions of this Agreement then the County Council will call upon the Performance Cash Deposit (or such sum that remains following reduction of the Performance Cash Deposit in accordance with paragraph 14.3 of this Schedule) in accordance with this Agreement. Save that the County Council after all works are completed and all contracts and any contract claims settled will return any Performance Cash Deposit unused with interest at the Bank of England Base Rate minus 2 basis points, compounding annually at financial year end to the Developer within one month of all the aforementioned completing and settling. If for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement.

18 LEGAL AND ADMINISTRATIVE COSTS

18.1 The Developer shall pay to the County Council:-

18.1.1 the properly incurred legal costs of the County Council in connection with the preparation and completion of this Agreement and these costs shall be payable prior to sealing of this Agreement;

18.1.2 interest at four per cent above the Bank of England Base Rate from time to time on any sum due to the County Council under this

Agreement which is outstanding for more than twenty-eight (28) days from the date on which it was demanded or in the event that a dispute or difference regarding such payment is referred to arbitration pursuant to clause 4.1 of this Agreement the said twenty-eight (28) day period shall run from the date of the decision of the arbitrator (such interest to be charged on the amount outstanding each day from the date of issue of a written demand for any sum due or in the event that a dispute or difference regarding such payment is referred to arbitration pursuant to clause 4.1 of this Agreement such interest to be charged on the amount outstanding each day from the date of issue of the decision of the arbitrator)

18.1.3 The greater of £5000 (Five thousand pounds) or 7½% of the Performance Figure (excluding the costs associated with statutory undertakers work and traffic management) for the Highway Works towards the costs and expenses of the County Council of checking the design of each and all of the Highway Works and inspecting each and all of the Highway Works such sum shall be payable prior to sealing of this Agreement

18.1.4 the reasonable cost to the County Council of undertaking Road Safety Audits and also the cost of the safety checks of details submitted which sum shall be payable prior to the safety audit commencing where the County Council undertakes such Road Safety Audits and checks

18.1.5 the cost of any temporary and permanent traffic regulation orders which sum shall be payable prior to any work on the making of such order being commenced

18.1.6 the full cost of any other road traffic orders required to facilitate the Highway Works which sum shall be payable prior to any work on the making of such order being commenced

19 PARTS I AND II OF THE LAND COMPENSATION ACT 1973

Part I Claims - Depreciation Caused By Public Works

19.1 The Developer hereby undertakes and agrees with the County Council that in the event of any claim for compensation or otherwise or costs or charges arising in connection with or incidental to or in consequence of the carrying out of the Highway Works whether mandatory or discretionary which may be incurred by virtue of any enactment or statutory instrument and otherwise hereby provided for he will hold the County Council fully indemnified from and against all claims charges costs and expenses in connection therewith or arising therefrom.

Part II Claims

19.2 The Developer covenants with the County Council to comply with the requirements of the Noise Insulation Regulations 1975 (SI 1975/1763) as amended and to provide to the County Council such evidence as is required by the Director to demonstrate compliance with the Noise Insulation Regulations 1975 prior to the issuing by the County Council of the Certificate of Final Completion in accordance with paragraph 15.4 of this Schedule.

SCHEDULE II.A *Not used*

SCHEDULE III

The Phase 1 Works

The Phase 1 Works comprising the following works:

<u>Location</u>	<u>Works</u>
Land to the South of Bungay Road, Barsham	new right turn lane, new access and TRO for "no right turning" out of access

Timescales: The Phase 1 Works are to be commenced within twelve (12) months of the date of this Agreement and completed within three (3) months of commencement of the Phase 1 Works.

SCHEDULE IV

Approved List of Phase 1 Works Drawings

	Title	Drawing number
1.	General Arrangement Plan	0101 P2
2.	Development Plan	0102 P0
3.	Tracking	0103 P2
4.	Location	0104 P0
5.	Site Clearance	0201 P1
6.	Drainage	0501 P1
7.	Level	0601 P1
8.	Paving	0701 P2
9.	Signage	1201 P3



Stantec UK Limited
110 Park Road
11 Princes Court, Commercial Road, Bournemouth, Dorset, BH1 1RN
Tel: 01202 379800
Fax: 01202 379801
www.stantec.co.uk

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. Do NOT scale the drawing. Any errors or omissions shall be reported to Stantec, without delay. No reproduction or use for any purpose other than that intended by Stantec is permitted.

NOTES

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty is made by Stantec in this regard. The Contractor is therefore advised to undertake their own investigation when the presence of any existing sewers, services, plant or apparatus may affect their operations.

- KEY**
- SECTION 212 BOUNDARY
 - EXISTING PUBLIC RIGHT OF WAY

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND DOCUMENTS.
2. ALL DIMENSIONS ARE IN METRES, UNLESS OTHERWISE STATED.
3. ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
4. DO NOT SCALE FROM THIS DRAWING; USE ONLY PRINTED DIMENSIONS.
5. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTE ROADWORKS AND HIGHWAY PREPARATION FROM HIGHWAY WORKS VOLUME 1 WHERE APPROPRIATE.

Handwritten signature and initials

Rev	Description	Date	By	App'd
P2	ISSUED AMENDED TO IFC COMMENTS	17/01/23	SW	CPB
P1	ASSEMBLED FROM GENERAL VER APPROVED	11/01/23	SW	CPB
	Issued/Revision			YHY/MAD/D
CP	EC	2022/08/27		
DM	Dgn	2022/08/27		

INFORMATION

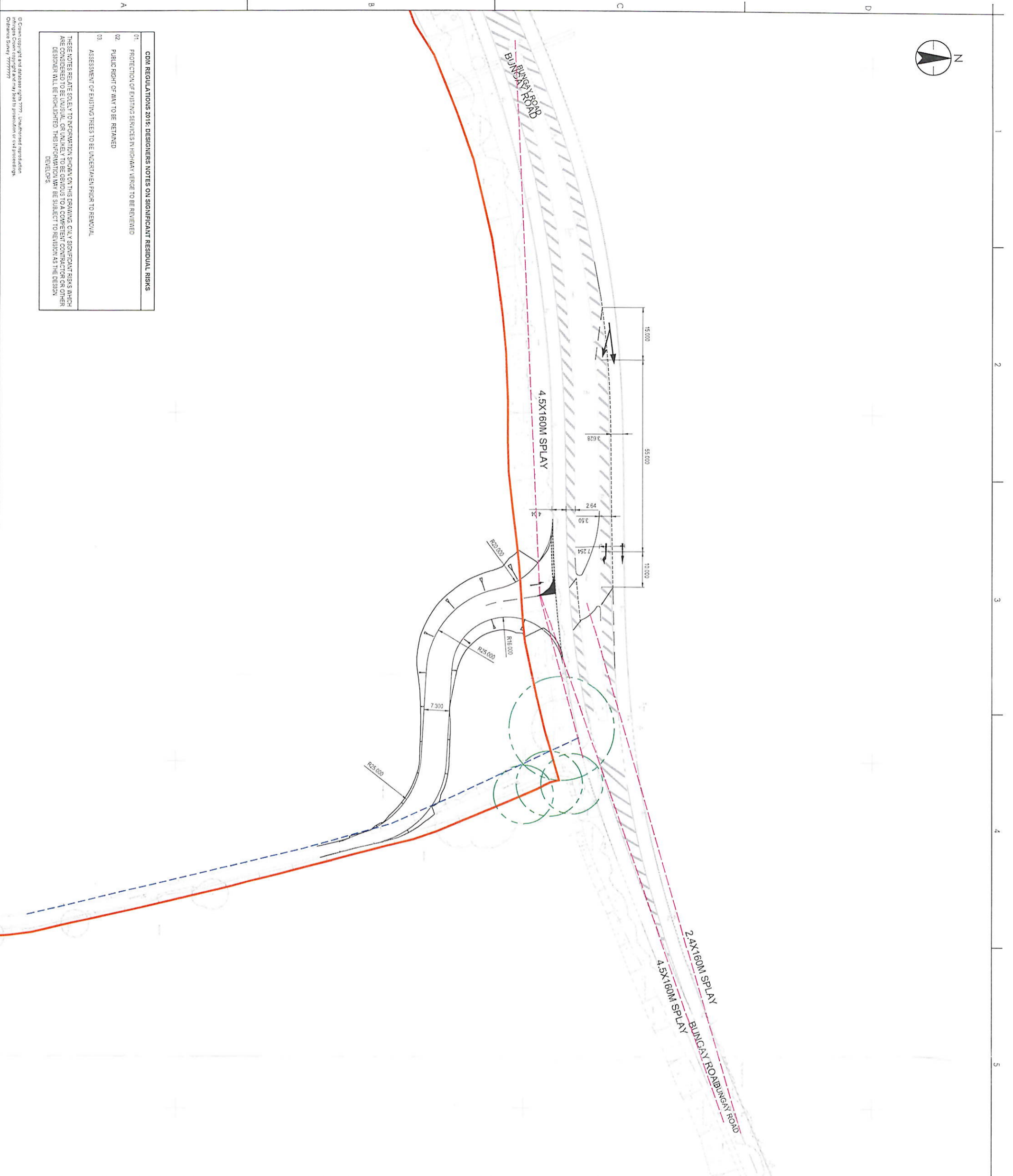
This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo
ESSEX & SUFFOLK WATER

Client/Project
Barsham Bores Upgrade
Bungay Road

Title
Construction Access
General Arrangement
& Visibility Splays

Project No. 331001779 Scale 1:500
Revision P2 Drawing No. 33100799-SIA-TZ-XX-DD-D-0101

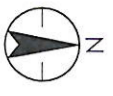


CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

01	PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02	PUBLIC RIGHT OF WAY TO BE RETAINED
03	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNEXPECTED ARE LISTED. ALL OTHER RISKS TO A COMPLETE CONSTRUCTION OR OTHER DESIGN WILL BE FURNISHED TO THE INFORMATION BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

© Crown copyright and database rights 2023. Unauthorised reproduction of this document is prohibited. Ordnance Survey 2023/2022.



BUNGAY ROAD

BUNGAY ROAD

BUNGAY ROAD



CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS	
01	PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02	PUBLIC RIGHT OF WAY TO BE RETAINED
03	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING ONLY. SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE OBVIOUS TO A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

© Crown copyright and database rights 1999. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings. Ordnance Survey 100017799



Stantec UK Limited
 NORTHAMPTON
 11 Prospect Court, Commercial Road, Blunham,
 Northampton NN1 3DG
 Tel: +44 1604 8918 300
 www.stantec.com/uk

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. Do not scale the drawing. Any errors or omissions shall be reported to Stantec within 14 days. The Copyright in all design and drawings are the property of Stantec. Reproduction or use in any project other than that authorised by Stantec is prohibited.

UTILITIES NOTE: The position of any existing public or private sewers, utility services, pipes or apparatus shown on this drawing is believed to be correct, but no warranty is made as to its accuracy. Other utility pipes or apparatus may also be present but not shown. The presence of any existing sewers, services, pipes or apparatus may affect their operation.

- KEY**
- SECTION 218 BOUNDARY
 - CARRIAGEWAY
 - VERGES AND LANED AREAS
 - STREET LIGHTING COLUMNS
 - PROPOSED GULLY
 - PROPOSED GULLY CONNECTION

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 - ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
 - DO NOT SCALE FROM THIS DRAWING USE ONLY PRINTED DIMENSIONS.
 - ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTABLISHMENTS AND HIGHWAY SPECIFICATION FOR HIGHWAY WORKS VOLUME 1 WHERE APPROPRIATE.

Richard
Agnew

Issue/Revision	By	App'd	Y/M/D
1	GP	EC	2022/09/27
2	Dm	CHD	17/11/2010

INFORMATION

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo
ESSEX & SUFFOLK WATER

Client/Project
 Barham Bores Upgrade
 Bungay Road

Title
 Construction Access
 S278 Adoption Plan

Project No. 3310017799 Scale 1:500
 Drawing No. 3310017799-S278-XX-DD-D-0102

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing. The Contractor shall be responsible to Stantec, which only provides information for reference. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

UTILITIES NOTE: The position of any existing public or private sewers, utility services, gas or electrical services on the drawing is believed to be correct. No warranty is made by Stantec for the accuracy of the utility information shown on this drawing. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

NOTES

1. THE JUNCTION HAS BEEN DESIGNED IN ACCORDANCE WITH DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) DOCUMENT CD 123 (EN 1525) SIGNAL-CONTROLLED JUNCTION.
2. THE MAJOR ARMY (BUNGAY ROAD) IS SUBJECT TO 50mph SPEED LIMIT (DESIGN SPEED = 85kph)
3. THE MINOR ARMY (HALL ROAD) IS PROPOSED TO BE SUBJECT TO 10mph SPEED LIMIT (DESIGN SPEED = 45kph)
4. MINOR ARMS IS 6.75m TO ALLOW HGV 3 TO PASS
5. JUNCTION HAS BEEN TRACKED WITH 15.5m HGV DESIGN VEHICLE

Handwritten signature

Agreed

REV	DATE	BY	CHKD	DESCRIPTION
01	2020/02/01	CPA	CPA	ISSUED FOR PERMIT
02	2020/02/01	CPA	CPA	ISSUED FOR PERMIT
03	2020/02/01	CPA	CPA	ISSUED FOR PERMIT

INFORMATION

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo

Client/Project
 Barsham Bores Upgrade
 Bungay Road

Title
 Construction Access
 Swept South Analysis

Project No.
 33100113

Scale
 1:500

Revision
 P2

Drawing No.
 33100799-SIA-ZZ-XX-DD-D-0103

CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

01	PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02	PUBLIC RIGHT OF WAY TO BE RETAINED
03	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING ONLY. SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE CONTROLLED BY A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGH-LIGHTED. THIS INFORMATION WILL BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS



Stantec UK Limited
 11 Prospect Court, Courtenhall Road, Blisworth,
 Northampton NN1 3DQ
 Tel: +44 1604 878 300
 www.stantec.com/uk

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
 - any errors or omissions shall be reported to Stantec, without delay.
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
 - any errors or omissions shall be reported to Stantec, without delay.
 The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
 - any errors or omissions shall be reported to Stantec, without delay.

NOTES
 UNLITTED NOTE: The position of any existing public or private sewers, utility services,
 plant or apparatus shown on this drawing is believed to be correct, but no warranty is made
 as to its accuracy. Other work plant or apparatus may also be present but not shown.
 The presence of any existing sewers, services, plant or apparatus may affect the operation,
 installation or use of any proposed works.

KEY
 SECTION 219 BOUNDARY

- NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 3. ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
 4. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
 5. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTATE ROADS AND MOCHW SPECIFICATION FOR HIGHWAY WORKS VOLUME 1, WHERE APPROPRIATE.

[Handwritten signature]

[Handwritten signature]

Issue/Revision	By	Apd	Y/Y/Y	M/D/D
01	CP	EC	2023	12/18
02	DM	DM	2023	12/18

Issue Status

INFORMATION
 This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo
ESSEX & SUFFOLK WATER

Client/Project
 Batsham Bores Upgrade
 Bungay Road

Title
 Construction Access
 Location Plan

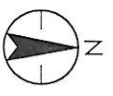
Project No. 331001779
 Scale 1:500 @ A1
 Drawing No. 33100799-STA-ZL-XX-DD-D-0104



CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

01.	PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02.	PUBLIC RIGHT OF WAY TO BE RETAINED
03.	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE OBVIOUS TO A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.



Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
 Any errors or omissions shall be reported to Stantec without delay. Reproduction or
 use for any purpose other than that authorized by Stantec is forbidden.

NOTES

UTILITIES NOTE: The position of any existing public or private sewers, utility services,
 plant or apparatus shown on this drawing is believed to be correct, but no warranty is made
 thereon. The Contractor is therefore advised to undertake their own investigation where the
 presence of any existing services, plant or apparatus may affect their operations.

KEY

- KERBS TO BE TAKEN UP AND REMOVED AND DISPOSED OF OFF SITE TO A LICENSED TIP.
- FENCE TO BE TAKEN UP AND REMOVED AND DISPOSED OF OFF SITE TO A LICENSED TIP.
- INSPECTION CHAMBER TO BE TAKEN UP AND REMOVED AND DISPOSED OFF SITE TO A LICENSED TIP. THE CONTRACTOR SHALL SECURE ALL ELECTRICAL CABLES AND CONNECTIONS.
- SERVICE COVER TO BE LOWERED / RAISED TO SUIT PROPOSED LEVELS.
- SERVICE COVER TO BE LOWERED / RAISED TO SUIT NEW PROPOSED LEVEL AND REPLACED WITH HDPE COVER IN NEW CARPARKWAY OR CHAMBER RELOCATED BY THE STATUTORY UNDERWATER.
- ROAD SIGN AND SIGNS TO BE TAKEN UP AND REMOVED AND DISPOSED OFF SITE TO A LICENSED TIP. THE CONTRACTOR SHALL ISOLATE AND SECURE ALL ELECTRICAL CABLES AND CONNECTIONS WHERE APPLICABLE.
- ROAD SIGN AND SIGNS TO BE TAKEN UP AND REMOVED, SIGN TO BE SET ASIDE FOR REUSE. SIGNS TO BE DISPOSED OF OFF SITE TO A LICENSED TIP. THE CONTRACTOR SHALL ISOLATE AND SECURE ALL ELECTRICAL CABLES AND CONNECTIONS WHERE APPLICABLE.
- Gully grates and frames and connections to be TAKEN UP AND REMOVED AND DISPOSED OF OFF SITE TO A LICENSED TIP.
- ROLLAND TO BE TAKEN UP AND REMOVED AND DISPOSED OF OFF SITE TO A LICENSED TIP. THE CONTRACTOR SHALL ISOLATE AND SECURE ALL ELECTRICAL CABLES AND CONNECTIONS.
- GENERAL CLEARANCE AREA TO BE CLEARED OF ALL SUPERFLUOUS FEATURES AND VEGETATION.
- TREE EXISTING TREES SHALL BE REMOVED AND DISPOSED OFF SITE TO A LICENSED TIP. THE CONTRACTOR SHALL ISOLATE AND SECURE ALL ELECTRICAL CABLES AND CONNECTIONS WHERE APPLICABLE.

[Handwritten signature]

31/07/2019

REV	DATE	BY	CHKD	DESCRIPTION
01	31/07/2019	AK	AK	ISSUED FOR APPROVAL
02	31/07/2019	AK	AK	REVISED

INFORMATION

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo
ESSEX & SUFFOLK WATER

Client/Project
Barsham Bores Upgrade

Bungoy Road

Title
Construction Access Site Clearance

Project No. 331001799
 Scale 1:500
 Drawing No. 331001799-SIA-2Z-XX-DD-0201
 Revision P1

ODM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS	
01	PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02	PUBLIC RIGHT OF WAY TO BE RETAINED
03	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE OBVIOUS TO A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

AREA OF VEGETATION IN THE VERGE TO BE CUT TO WITHIN 150mm OF EXISTING GROUND LEVEL





Copyright Reserved

The Contractor shall be responsible for all drawings. Do not scale the drawing. The Contractor shall retain the property of the drawings. Reproduction or use for any purpose other than that authorized by Stantec is prohibited.

NOTES

UTILITIES NOTE: The position of any existing public or private sewers, utility services, gas, water, or other utilities shall be as shown on the drawings. The Contractor shall be responsible for the location, depth, and condition of all utilities. The Contractor shall be responsible for the location, depth, and condition of all utilities. The Contractor shall be responsible for the location, depth, and condition of all utilities.

KEY

- HIGHWAY BOUNDARY
- CATCHMENT BOUNDARY
- PROPOSED GULLY
- PROPOSED GULLY CONNECTION
- PROPOSED SURFACE WATER INSPECTION CHAMBER (PRIVATE)

CONTOURS

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
3. ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
4. DO NOT SCALE FROM THIS DRAWING USE ONLY PRINTED DIMENSIONS.
5. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY LOCALS SPECIFICATION (L.S. 1) UNLESS SPECIFICALLY NOTED OTHERWISE FOR HIGHWAY WORKS ONLY. 1. IN THESE SPECIFICATIONS, REFER TO SCC STANDARD DETAIL DRAWING REFERENCES.
6. FOR PRECAST CONCRETE TRAPPED GULLY GRATING AND FRAME DETAILS REFER TO SCC STANDARD DETAIL DRAWING M159 GULLIES.
7. ALL EXISTING SURFACE WATER DRAINAGE WORKS TO BE MAINTAINED WITHIN THE PROPOSED CATCHMENT BOUNDARY. ALL EXISTING SURFACE WATER DRAINAGE WORKS TO BE MAINTAINED WITHIN THE PROPOSED CATCHMENT BOUNDARY. ALL EXISTING SURFACE WATER DRAINAGE WORKS TO BE MAINTAINED WITHIN THE PROPOSED CATCHMENT BOUNDARY.
8. ALL GULLY POT CONNECTIONS TO BE 150MM UNLESS OTHERWISE STATED.
9. FOR PIPE BENDING AND TRENCH DETAILS REFER TO SCC STANDARD DETAIL DRAWING M1018 SURFACE WATER GRANS TRENCH & BENDING DETAILS. PIPE BENDING TYPE TO BE SELECTED IN ACCORDANCE WITH SCC SPECIFICATION FOR ESTIMATE ROAD.

REV.	DATE	BY	CHKD.	DESCRIPTION
01	11/03/23	AS	AS	ISSUE FOR CONSTRUCTION
02	11/03/23	AS	AS	ISSUE FOR CONSTRUCTION

Issue Status

INFORMATION

This document is the property of Stantec. It is to be used for the project and site only. It is not to be distributed, copied, or reproduced in any form without the written consent of Stantec.

[Handwritten signature]
Use of this document is limited to the project and site only. It is not to be distributed, copied, or reproduced in any form without the written consent of Stantec.

Client/Project: **ESSEX & SUFFOLK WATER**

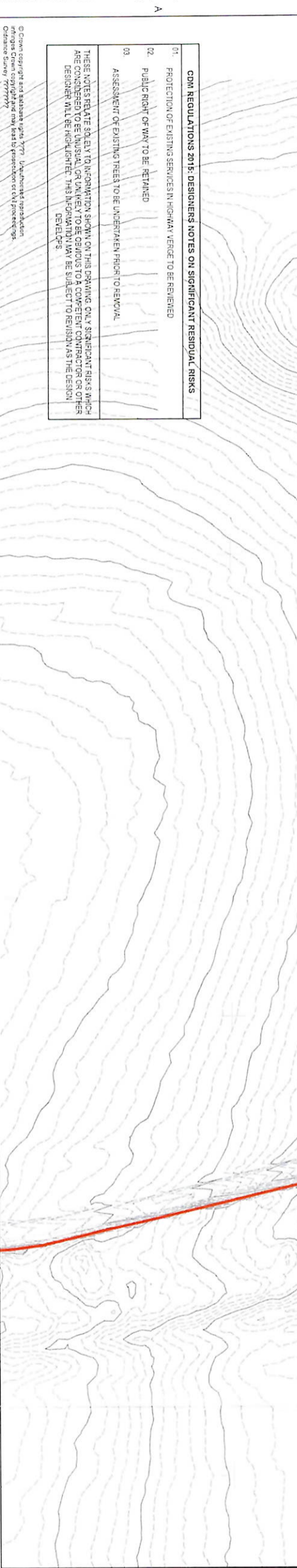
Client/Project: **Barsham Bore Upgrade**
Bungoy Road

Title

Construction Access
Drainage

Project No: 331001799 Scale: 1:500

Revision: P1 Drawing No: 331001799-STA-ZZ-XX-DD-*Drainage*
0501



CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

01. PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02. PUBLIC RIGHT OF WAY TO BE REVIEWED
03. ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

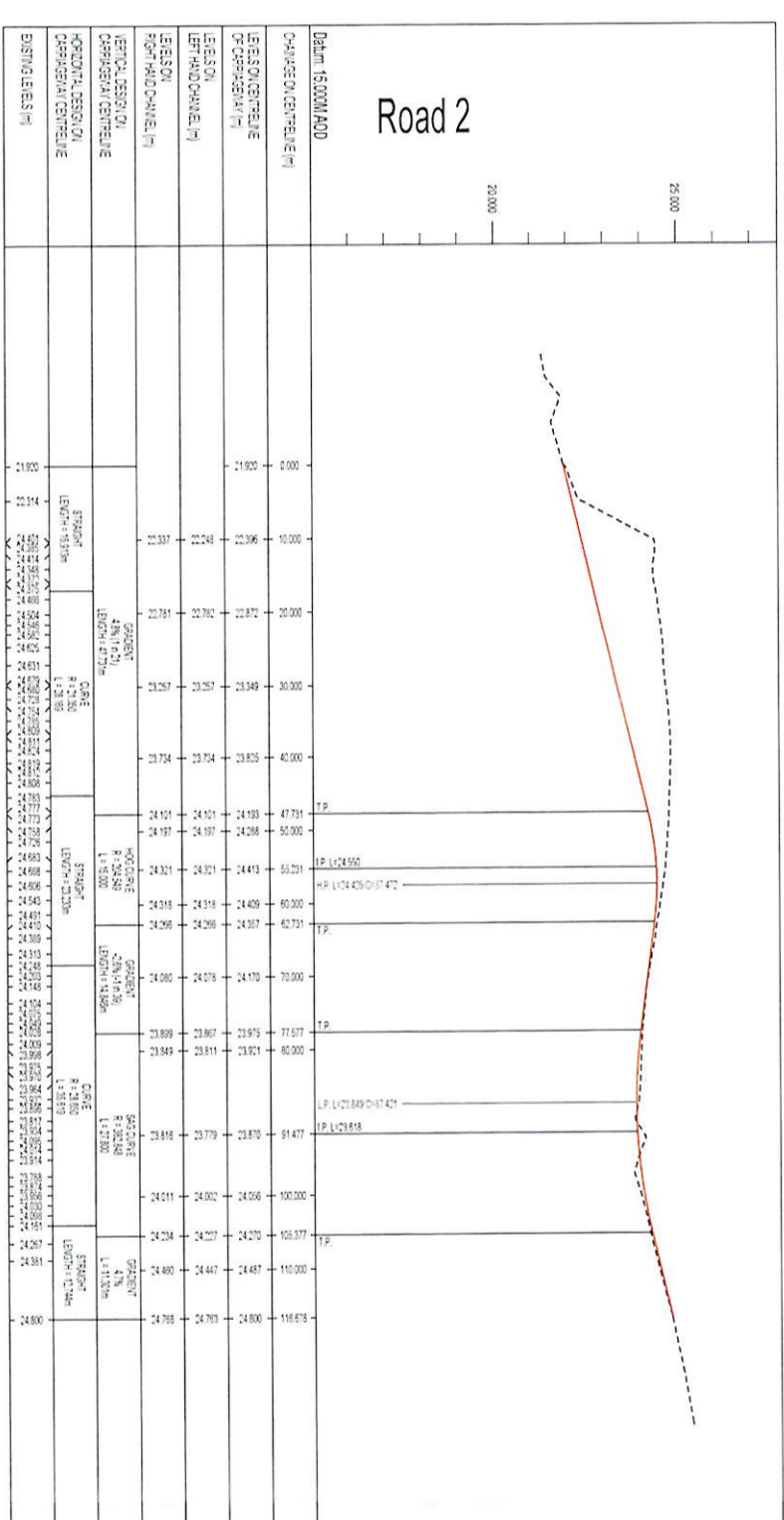
THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE OBTAINED BY A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

© Crown copyright and database right 777. Unauthorised reproduction infringes Crown copyright and may lead to prosecution or civil proceedings.
Ordnance Survey 77777777



ODM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS	
01	PROTECTION OF EXISTING SERVICES IN-HIGHWAY VERGE TO BE REVIEWED
02	TEMPORARY CLOSURE OF PUBLIC RIGHT OF WAY TO BE SOUGHT
03	ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE OBTAINABLE TO A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS



Stantec Limited
11 Prospect Court, Gouerning Road, Elmham,
Norfolk, Norfolk, NR7 3JG
Tel: +44 1504 878 500
www.stantec.com/uk

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. Do not hold the drawing for any purpose other than that indicated by Stattek's title block.

NOTES
1. THE JUNCTION HAS BEEN DESIGNED IN ACCORDANCE WITH DESIGN MANUAL FOR ROADS AND BRIDGES (DMRB) DOCUMENT - CD 123 REV 2.
2. GEOMETRIC DESIGN OF AT-GRADE PRIORITY AND SIGNAL-CONTROLLED JUNCTION:
3. THE MAJOR ARM (BUNGAY ROAD) IS SUBJECT TO 50mph SPEED LIMIT (DESIGN SPEED = 50mph)
4. THE MINOR ARM (HALL ROAD) IS PROPOSED TO BE SUBJECT TO 10mph SPEED LIMIT (DESIGN SPEED = 10mph)
5. MINOR ARM IS 6.5m TO ALLOW HOVS TO PASS.
6. JUNCTION HAS BEEN RATCHED WITH 155mm HIGH DESIGN VEHICLE

KEY

- SITE BOUNDARY
- MAJOR CONTOUR
- MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR

[Signature]

PL MATCHING REMOVED SW: CDR 17/01/23
 BRUED/REVISION BY: AGED 17/01/2023
 CP: EC CDR 2022/23
 OWN: DIGN CHAS 17/01/2023

Issue Status

INFORMATION

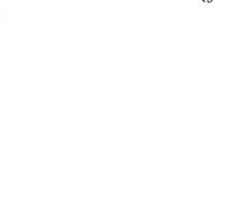
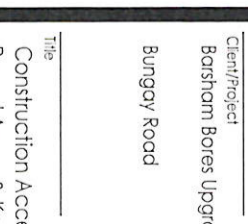
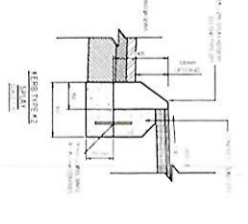
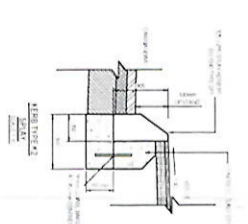
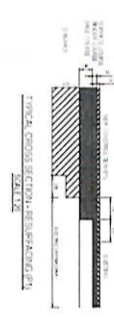
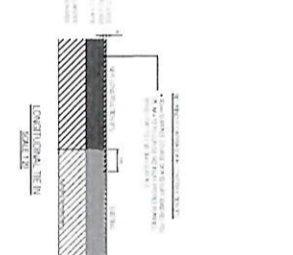
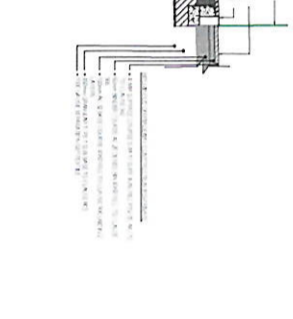
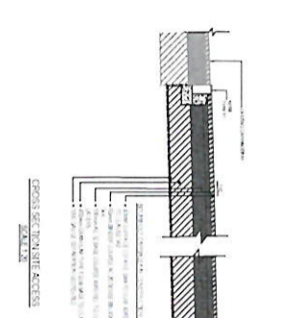
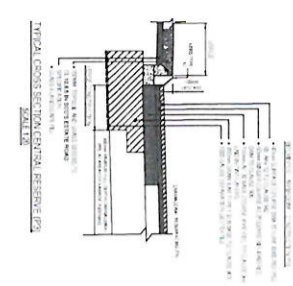
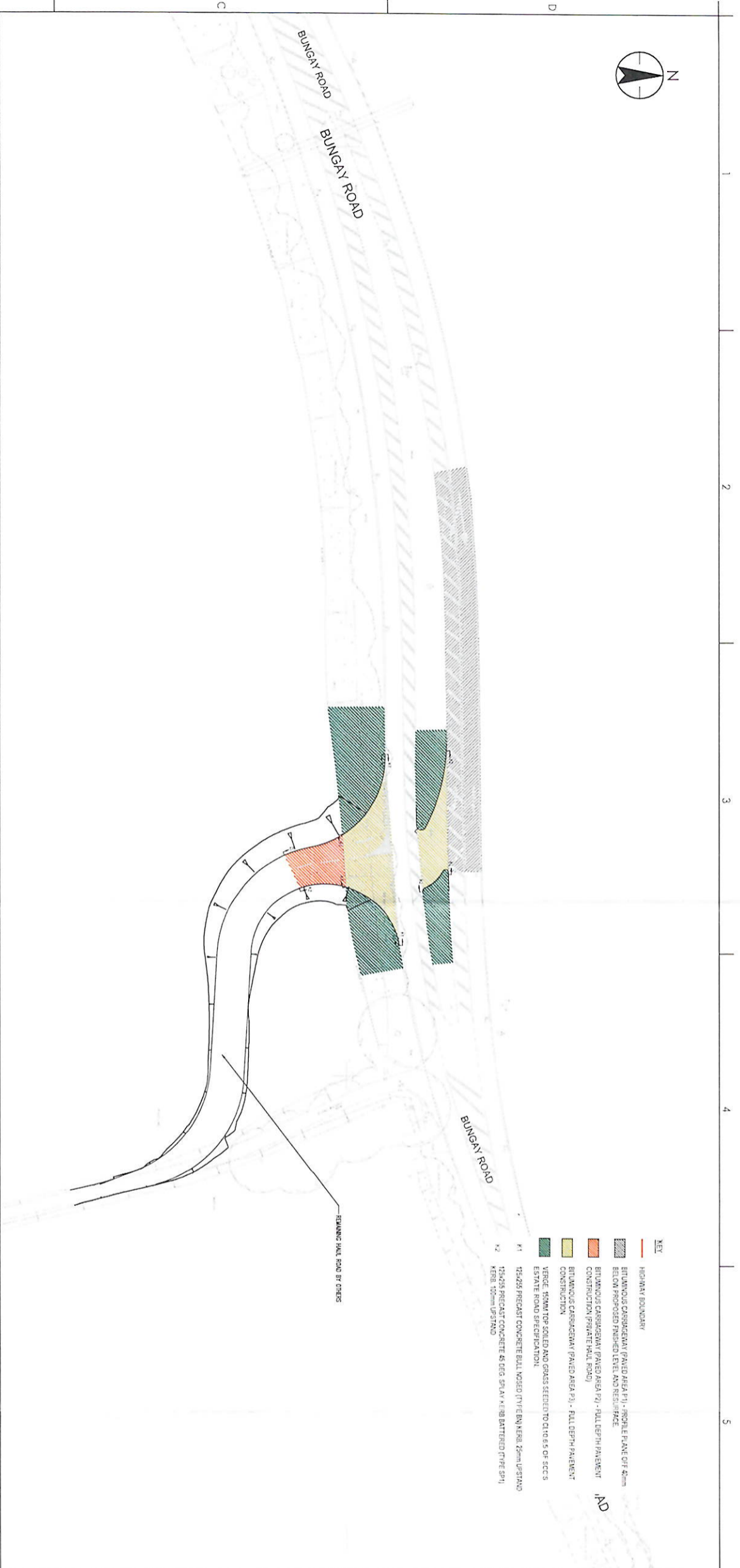
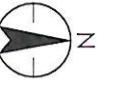
This document is suitable only for the purpose stated. It is not to be used for any other purpose without the written permission of the Designer.

Client/Project Logo

Client/Project
Barstham Bores Upgrade
Bungay Road

Title
Construction Access
Contour Plan and Long Section

Project No. 331001799 **Scale** 1:500
Revision P1 **Drawing No.** 331001799/100-200/601



CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

- 01 PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
- 02 PUBLIC RIGHT OF WAY TO BE RETAINED
- 03 ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SPECIFICALLY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL OR UNLIKELY TO BE CAUGHT BY A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION CAN BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

© Crown copyright and database right 2022. Unauthorised reproduction of this document is prohibited. All rights reserved. Designated as a controlled document under the provisions of the Copyright, Designs and Patents Act 1988.

Stantec Limited
100 Pitt Street, Sydney NSW 2000
Tel: +61 2 9232 3000
www.stantec.com.au

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions, DO NOT hold the drawing liable for any errors or omissions. The Contractor shall be responsible for any errors or omissions. The Contractor shall be responsible for any errors or omissions. The Contractor shall be responsible for any errors or omissions.

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 - ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 - ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
 - DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
 - ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL SPECIFICATIONS AND STANDARDS. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE SUFFOLK COUNTY COUNCIL.
 - THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.
 - WHERE REGULATING MATERIAL IS REQUIRED IT SHALL BE LAID TO THE THICKNESS OF 200mm UNLESS OTHERWISE SPECIFIED. EXISTING SURFACES SHALL BE BROKEN OUT TO ACHIEVE THE DEPTH.
 - THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.
 - THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.
 - THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.

10 PRECAST CONCRETE KERBS SHALL BE TO SUFFOLK COUNTY COUNCIL STANDARD DETAIL (DRAWING: SUFFOLK/2019/001)

11 THE CARBONFIBRE FIBRE REINFORCED POLYMER (FCR) FIBRE REINFORCED POLYMER (FRP) SHALL BE TO SUFFOLK COUNTY COUNCIL STANDARD DETAIL (DRAWING: SUFFOLK/2019/001)

12 THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.

13 THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.

14 THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.

15 THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR THE CONDITION OF ALL EXISTING SURFACES PRIOR TO COMMENCING WORK.

Issue Status

Rev	Issue	Date	By	Check
01	ISSUED FOR TENDER	14/01/22	CH	CH
02	REVISED FOR TENDER	22/01/22	CH	CH
03	REVISED FOR TENDER	19/01/22	CH	CH
04	REVISED FOR TENDER	20/01/22	CH	CH
05	REVISED FOR TENDER	20/01/22	CH	CH

Client/Project Logo

ESSEX & SUFFOLK WATER

Client/Project

Borsham Borens Upgrade

Bungay Road

Title

Construction Access

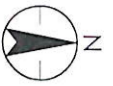
Paved Areas & Kerbing

Project No. 3310017799

Scale 1:500 (S/A1)

Revision 02

Drawn/ing No. 3310017799-S/A1-ZZ-XX-DD-D-0701



Copyright Reserved

The Contractor shall verify, and be responsible for, all dimensions. DO NOT scale the drawing. The Contractor is advised that this drawing is the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

NOTES

UTILITIES NOTE: The position of any existing public or private services, utility services, is extended or modified. Other work shall be undertaken where the presence of any existing services, services plant or apparatus may affect those operations.

- GENERAL NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
 2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
 3. ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
 4. DO NOT SCALE FROM THIS DRAWING USE ONLY PRINTED DIMENSIONS.
 5. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTATE ROADS AND HIGHWAY SPECIFICATION FOR HIGHWAY WORKS VOLUME 1 WHERE APPROPRIATE.

- ROAD WARNING NOTES**
1. ALL ROAD WARNINGS SHALL BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016 AND SUBSEQUENT SIGNING MANUAL AND SUBSEQUENT AMENDMENTS.
 2. ALL ROAD WARNINGS SHALL BE DISPLAYED UNLESS OTHERWISE STATED.
 3. ALL PROPOSED ROAD WARNINGS SHALL BE EARLY INTO EXISTING ROAD WORKS.
 4. FOR ROAD WARNING REQUIREMENTS REFER TO THE ROAD WARNING SCHEDULE CONTAINED ON THIS DRAWING.
 5. THE SAID RESISTANCE VALUE OF PERMANENT ROAD WARNINGS SHALL NOT BE LESS THAN 50 PSY.
 6. WHERE EXISTING WARNINGS ARE TO BE REMOVED, IT IS TO BE BY WATER BLASTING AND NOT BURNING.

- TRAFFIC SIGNS NOTES**
1. ALL SIGNS SHALL BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016 AND SUBSEQUENT AMENDMENTS EXCEPT WHERE STATED.
 2. POSITION OF PROPOSED ROAD SIGNS ARE INDICATED ONLY AND SHOULD BE AGREED WITH THE OVERSEERING ORGANIZATION ON SITE.
 3. THE CONTRACTOR SHALL VERIFY EXISTING UNDERGROUND UTILITIES BEFORE EXCAVATING FOR POSTS AND FOUNDATIONS.
 4. ALL ROAD SIGNS MUST HAVE A MINIMUM LATERAL CLEARANCE TO THE FACE OF ROADWAY (GSDOM) IN MINIMUM.
 5. WHERE EXISTING ILLUMINATED SIGNS ARE TO BE RELOCATED, THE EXISTING LIGHTING UNITS SHALL BE CAREFULLY REMOVED AND DISPLAYED TO THE

Issue Status

Rev	Desc	Date	By	Appr
01	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
02	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
03	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
04	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
05	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
06	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
07	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
08	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
09	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
10	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
11	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
12	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
13	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
14	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
15	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
16	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
17	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
18	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
19	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
20	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
21	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
22	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
23	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
24	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
25	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
26	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
27	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
28	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
29	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
30	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
31	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
32	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
33	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
34	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
35	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
36	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
37	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
38	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
39	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
40	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
41	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
42	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
43	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
44	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
45	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
46	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
47	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
48	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
49	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY
50	BASE LAYOUT UPDATES	2023/11/17	CHS	FTY

Client/Project Logo

ESSEX & SUFFOLK WATER

Client/Project
Borsham Bores Upgrade
Bungoy Road

Project No. 331001799
Scale 1:500
Revision P3
Drawing No. 33100799-SIA-2Z-XX-DD-0-1201

Title
Construction Access
Signage & Road Markings

CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

01. PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
02. TEMPORARY CLOSURE OF PUBLIC RIGHT OF WAY TO BE SOUGHT
03. ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE TO THE INFORMATION SHOWN ON THIS DRAWING. ONLY A SIGNIFICANT RISK WHICH IS NOT ELIMINATED OR REDUCED TO AN ACCEPTABLE LEVEL BY THE CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

SCHEDULE V

The Phase 2 Works

The Phase 2 Works comprising the following works:

<u>Location</u>	<u>Works</u>
land to the South of Bungay Road, Barsham	Removal of a temporary access Bungay Road and reinstatement of Bungay Road to its-configuration existing prior to the undertaking of the Phase 1 Works

Timescales: The Phase 2 Works are to be commenced within twenty-four (24) months of the date on which a Certificate of Substantial Completion has been issued in relation to the Phase 1 Works pursuant to paragraph 14.2 of Schedule I

SCHEDULE VI

Approved List of Phase 2 Works Drawings

	Title	Drawing number
1.	Construction Access Reinstatement Plan	33100799-STA-ZZ-XX-DD-D-0901 C0



1 2 3 4 5

Stantec Limited
11 Finsbury Court, Colindale Road, E9 6FJ
London NW9 2DQ
Tel: +44 (0)20 7300 7000
www.stantec.com/uk



Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. Do not hold the drawing as a precedent. The Contractor shall design and construct the works in accordance with the specification and drawings and shall be responsible for the accuracy of the information provided. The Contractor shall be responsible for the accuracy of the information provided. The Contractor shall be responsible for the accuracy of the information provided.

NOTES

UTILITIES NOTE: The position of any existing public or private services, utility services, or other utilities shall be verified by the Contractor prior to construction. The Contractor shall be responsible for the accuracy of the information provided. The Contractor shall be responsible for the accuracy of the information provided.

KEY

- S278 BOUNDARY
- ▨ CARRIAGEWAY TO BE PERFORMED AND VERGE TO BE REINSTATED, 150mm TOP SOILED AND GRASS SEED TO CI.10.6.5 OF SCC'S ESTATE ROAD SPECIFICATION.
- KERB TO BE REINSTATED
- FENCE TO BE REINSTATED
- KERB TO BE REMOVED

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND DOCUMENTS.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.
3. ALL EXISTING DIMENSIONS AND LEVELS SHOULD BE VERIFIED ON SITE.
4. DO NOT SCALE FROM THIS DRAWING. USE ONLY PRINTED DIMENSIONS.
5. ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL'S SPECIFICATION FOR ESTATE ROADS AND MCHW SPECIFICATION FOR HIGHWAY WORKS VOLUME 1, WHERE APPROPRIATE.
6. THE DIVERSENGING ORGANISATION IS TO INSPECT THE CONDITION OF PLANNED SURFACES PRIOR TO RESURFACING / OVERLAYING WORKS.
7. PRECAST CONCRETE KERBS SHALL BE TO SUFFOLK COUNTY COUNCIL STANDARD DETAIL DRAWING 10/10/B.

CD	REV	DATE	BY	CHKD	APP'D
	1	15/07/2021	SP	SP	SP

Issue Status	Rev	Date	By	Chk	App
	1	15/07/2021	SP	SP	SP

CONSTRUCTION

This document is the property of Stantec Limited. It is not to be distributed outside the project team. It is not to be used for any other purpose without the written consent of Stantec Limited.

ESSEX & SUFFOLK WATER
SP

Client/Project
Borisham Bores Upgrade

Bungay Road

Title
Construction Access
Reinstatement Plan

Project No. 331001799 Scale 1:500

Revision 00 Drawing No. 33100799-SIA-ZZ-XX-DD-0-0901

D

C

B

A

CDM REGULATIONS 2015: DESIGNERS NOTES ON SIGNIFICANT RESIDUAL RISKS

- 01. PROTECTION OF EXISTING SERVICES IN HIGHWAY VERGE TO BE REVIEWED
- 02. PUBLIC RIGHT OF WAY TO BE RETAINED
- 03. ASSESSMENT OF EXISTING TREES TO BE UNDERTAKEN PRIOR TO REMOVAL

THESE NOTES RELATE SOLELY TO INFORMATION SHOWN ON THIS DRAWING. ONLY SIGNIFICANT RISKS WHICH ARE CONSIDERED TO BE UNUSUAL, OR UNLIKELY TO BE OBTAINED BY A COMPETENT CONTRACTOR OR OTHER DESIGNER WILL BE HIGHLIGHTED. THIS INFORMATION MAY BE SUBJECT TO REVISION AS THE DESIGN DEVELOPS.

© Crown Copyright and database right 2021. Unauthorised reproduction of this information is prohibited. Ordnance Survey 100000000



Scale = 1:500

REMOVAL OF CONTRACTORS Haul ROAD ON COMPLETION OF WORKS BY OTHERS

ROAD MARKINGS TO BE REMOVED

HATCHING TO BE REINSTATED

BUNGAY ROAD

BUNGAY ROAD

