

IN TRIPLICATE

DATED 18 September 2024

SUFFOLK COUNTY COUNCIL (1)

- and -

LANDEX LIMITED (2)

AGREEMENT

made pursuant to Sections 278 and 38 of the Highways Act 1980  
and any other enabling power relating to  
the development of land at South of Low Road, Debenham Suffolk

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

Ref: FB/2

**SECTION 278 AGREEMENT  
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THIS AGREEMENT is made the 18<sup>th</sup> day of September 2024  
BETWEEN the following parties :-

- (1) SUFFOLK COUNTY COUNCIL of Endeavour House 8 Russell Road Ipswich  
Suffolk IP1 2BX ("the County Council")
- (2) LANDEX LIMITED (company number 05794338) of 19 Holywells Road  
Ipswich IP3 0DL ("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 15.3 of Schedule I
"Certificate of Substantial Completion"	Means any of the certificates referred to in paragraph 14.2 of Schedule I
"Commuted Sums"	Means the sum of £8441.15 (Eight Thousand Four Hundred and Forty-One Pounds and Fifteen Pence) which is calculated, as set out in paragraph 18.1 on Schedule I towards the cost of the County Council's future maintenance liability of the Highway Works
"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. For the avoidance of doubt the aforementioned definition does not include any subcontractor
"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 his hand
"Highway Works"	Means the works collectively or individually as the context requires which are set out in Schedule III of this Agreement and shown in the Works Drawings
"Performance Bond"	Means the bond with the Performance Bond Surety for each and all of the Highway Works, such bond to be in the form set out in Schedule II, to the effect that 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 call upon the Performance Bond Surety to provide the full value of the Performance Bond (subject to the provisions hereinafter contained) to carry out the Highway Works and maintain the same as aforesaid
"Performance Figure"	Means the sum of £49,500 (Forty-Nine Thousand and Five Hundred Pounds) being the Tender Sum plus 10 per cent in respect of the Highway Works and as set out in each of the Contracts
"Performance Bond Surety"	Means HCC INTERNATIONAL INSURANCE COMPANY PLC
"Permission"	Means the planning permission granted by Mid Suffolk District Council dated 15 June 2022 granted with reference number DC/20/02129 in respect of the Site together with any

modification of it

"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 situated at Land South of Low Road, Debenham, Suffolk shown edged red for identification only on the attached plan no 283/002/112 Rev D
"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 Works Drawings and description in Schedule III (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 Highway 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 UK primary and secondary legislation (including by-laws) all 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 £45,000 (Forty-Five Thousand) (including the costs associated with statutory undertakers work and

traffic management) agreed by the Director for carrying out the Contract by the Contractor

"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 Highway Works

(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 is the registered proprietor with title absolute of the Site in so far as it is registered at the Land Registry under Title Number SK245294
- (F) The Developer wishes to dedicate as public highway that part of the Site upon which the Highway Works are to be constructed which does not currently form part of the public highway and the County Council agrees to accept such dedication and adopt that part of the Site and the Highway Works as highway maintainable at public expense on the terms and conditions hereinafter contained
- (G) Having regard to the development plan and other material considerations 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

NOW THIS DEED WITNESSES as follows:-

1 LEGAL EFFECT

- 1.1. This Agreement and the covenants that appear hereinafter are made pursuant to Sections 38 72 and 278 of the 1980 Act Section 111 of the Local Government Act 1972 and 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 or sent by the DX service 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 the DX service 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
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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  
Managing Director of Landex Limited  
19 Hoywells Road Ipswich IP3 0DL

- 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

### 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 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 at the County Council's offices in Ipswich Suffolk
- (b) where appropriate the arbitrator may consolidate arbitral proceedings
- (c) with the parties' agreement the arbitrator may appoint experts or legal advisers

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 and to comply with the obligations set out at paragraph 14.3 of Schedule I

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 and IV 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 Schedule III 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 Schedule III 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 calendar months 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
- 5.7 The County Council covenants with the Developer that on the date of issue of the Certificate of Final Completion the roads subject to the Highway Works shall thenceforth be, to the extent they are not already, adopted as highways maintainable at the public expense

## 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 Highway 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) including but not limited to those costs set out in paragraph 19 of Schedule I to this Agreement

7.2 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 Highway 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 )



.....  
A Duly Authorised Officer

EXECUTED AS A DEED by LANDEX LIMITED  
in the presence of:

Director:

Director/Secretary:

## **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

1.2.2 the Director has given his written approval to 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 twelve (12) months of the date of the said Director's approval

1.3 If the Director does not propose to give his approval in relation to those matters referred to in paragraph 1.2 of this Schedule he shall in each case as soon as possible 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 his own expense and a revised set of updated documents shall be re-submitted to the Director for his 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 19.1.3 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 NEC3 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
- 2.3 The Contract shall be awarded by the Developer subject to the Director having first given his 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 him free access to every part of the Highway Works and the Site and permit him or 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 Works 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 she considers it unnecessary and advises 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 3.5 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 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 his reasonable discretion have the power to reject any materials plant or workmanship so tested which he may reasonably and properly find to be not in accordance with the approved detailed plans Works 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 approved detailed plans Works 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:

- (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
- (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 3.5 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 to have been completed in accordance with the 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 not to have been completed in accordance with the 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 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
- (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 she 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
  - 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 his 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 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:

- 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
  - 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 Highway Works the Developer shall provide to the Director
- 13.4.1 a plan showing the land over which those Highways Works have been constructed and
  - 13.4.2 a Health and Safety file 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 Highway 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 Highway Works equivalent to the number of days after the twenty-eight (28) day period that the documents were submitted
- 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

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 Highway Works the Developer shall:-

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

14.1.2 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 Highway Works to the public

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

14.3. The Developer hereby agrees that on the date of Substantial Completion that part of the Site upon which the Highways Works are constructed

which does not currently form part of the public highway shall be dedicated as highway under section 38 of the 1980 Act

14.4. After the issue of the Certificate of Substantial Completion the County Council may approve a reduction of up to 90% of the Performance Figure in respect of the relevant Highway Works and the County Council may release the Developer and the Performance Bond Surety and each of them from their obligations under the Performance Bond in respect of the relevant Highway Works to such extent

15 DEFECTS CORRECTION PERIOD AND CERTIFICATE OF FINAL COMPLETION

15.1 The Developer shall maintain each and all of the Highway Works for a period of eighteen (18) 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 eighteen months (including any defect in or damage to the surface water drainage system) so as to place the highway and the Highway 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 him 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 After the expiration of the period of eighteen (18) months referred to in paragraph 15.1 (or such lesser period as agreed in writing by the Director under paragraph 15.1) and after any defects have been made good as therein provided including any improvements arising under stage 4 of the Road Safety Audit to the satisfaction of the Director and after the provisions of paragraph 13.4 and paragraph 20.2 of this Schedule have been fulfilled the Director shall issue forthwith to the Developer the

Certificate of Final Completion in respect of the Highway 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 and the Performance Bond Surety and each of them from all subsisting obligations under the Performance Bond in respect of those Highway Works

15.4 If called upon to do so by notice in writing served within twenty-one years of the date hereof by the County Council the Developer agrees to transfer to the County Council in consideration of one pound any land over which any part of the Highway Works have been constructed which does not at the date of this Agreement already form part of the highway together with any other land dedicated as public highway by the Developer hereunder free in each case from encumbrances and together with all rights necessary to permit the use inspection maintenance repair and replacement of all utility systems servicing the Highway Works and not vested in the relevant undertaker as are situated outside the limits of the Highway Works and the said other land

## 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 BOND

17.1 Without expense to the County Council the Developer and the Performance Bond Surety shall on the date of this Agreement enter into the Performance Bond for each and all of the Highway Works and the Developer and Performance Bond Surety 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 upon the Performance Bond Surety for the cost to be expended in so doing

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 17.2

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

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 Bond Surety to provide the full Performance Figure (or such sum that remains following reduction of the Performance Bond in accordance with Paragraph 14.4 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 Bond sum unused with interest at the Bank of England Base Rate minus 2 basis points, compounding annually at financial year end on receipt of a written request to the Performance Bond Surety 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 COMMUTED SUMS FOR MAINTENANCE

18.1 Prior to the date of this Agreement the Developer shall pay to the County Council the Commuted Sums calculated as follows:

	£
Carriageway	£ 2,032.02

Footways	£ 1,939.50
Street Lighting	£ 3,499.25
Drainage	£ 710.00
Verges, Trees and Street Furniture	£ 260.38

19 LEGAL AND ADMINISTRATIVE COSTS

19.1 The Developer shall pay to the County Council:-

- 19.1.1 the whole of the costs of the County Council's Legal Services Department in connection with the preparation and completion of this Agreement and these costs shall be payable prior to sealing of this Agreement;
- 19.1.2 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)
- 19.1.3 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

19.1.4 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

19.1.5 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

19.1.6 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

## 20 PARTS I AND II OF THE LAND COMPENSATION ACT 1973

### Part I and II Claims

#### Part I Claims - Depreciation Caused By Public Works

20.1 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

20.2 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 15.3 of this Schedule

SCHEDULE II

Performance Bond Agreement

DATED 18 September 2024

LANDEX LIMITED (1)

- and -

HCC INTERNATIONAL INSURANCE (2)  
COMPANY PLC

---

PERFORMANCE BOND

relating to the development of land at South of Low Road, Debenham, Suffolk

---

**BY THIS BOND LANDEX LIMITED** of 19 Holywells Road Ipswich IP3 0DL ("the Developer") and HCC INTERNATIONAL INSURANCE COMPANY PLC (Company Number: 01575839) whose registered address is at 1 Aldgate, London, England, EC3N 1RE ("the Surety") are held and firmly bound to **SUFFOLK COUNTY COUNCIL** of Endeavour House 8 Russell Road Ipswich Suffolk IP1 2DH ("the County Council") in the sum of £49,500 (Forty Nine Thousand and Five Hundred pounds) to be paid to the County Council for the payment of which sum the Developer and the Surety bind themselves their successors and assigns jointly and severally

IN WITNESS whereof the Developer and the Surety have hereunto executed and delivered the same on but not before this 18<sup>th</sup> day of September Two Thousand and Twenty Four

1. The Developer has entered into an Agreement under seal with the County Council of even date made under Section 278 of the 1980 Act whereby the Developer undertook at its own expense to carry out works as set out in Schedule III of the said Agreement and shown in the Works Drawings annexed to the said Agreement ("the Highway Works")
2. It is intended that this Bond shall be construed as one with the said Agreement

**NOW THE CONDITION** of the above-written Bond is such that if the Developer shall duly perform and observe all the terms provisions conditions and stipulations of the said Agreement (in so far as they relate to the Highway Works) on the Developer's part to be performed and observed according to the true intent and meaning thereof or if on default by the Developer the Surety shall duly satisfy and discharge the

damages sustained by the County Council up to the amount of the above-written Bond then the above-written Bond shall be null and void but otherwise shall remain in full force and effect **PROVIDED ALWAYS** that the giving by the County Council of any extension of time for performing the said Agreement or any stipulations therein contained and on the part of the Developer to be performed or any other forgiveness or forbearance on the part of the County Council or its successors or assigns shall not in any way release the Surety from any liability under the above-written Bond

EXECUTED AS A DEED BY



~~The COMMON SEAL of~~  
LANDEX LIMITED  
~~was hereunto affixed~~  
in the presence of

)  
)  
)  
)

Director

Secretary

Signed as a deed by



As Attorney for and on behalf of  
HCC International Insurance Company Plc  
In the presence of

Witness: ..



Occupation: ..



Bond Number: ..



.....

### SCHEDULE III

The Highways Works comprising the following works:

<u>Location</u>	<u>Works</u>	<u>Delivery Programme</u>
<u>Low Road Debenham</u>	<u>Widening, new</u> <u>carriageway and new</u> <u>footway and new gully.</u>	

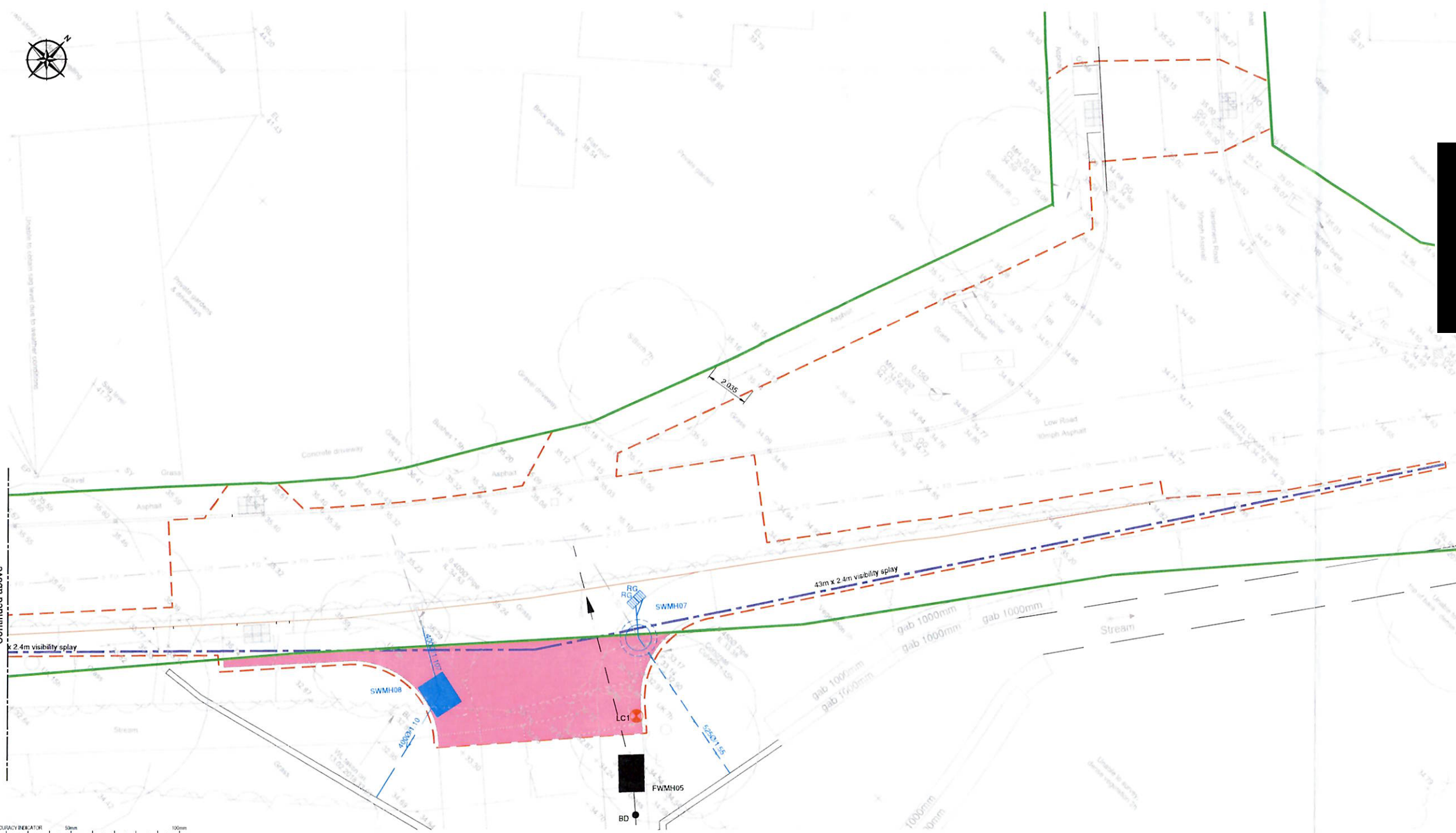
Timescales: The Highways Works are to be commenced within 12 (twelve) months of the date of this Agreement and completed within 3 (three) months of commencement of the Highway Works



#### SCHEDULE IV

##### **Approved List of drawings**

	<b>Title</b>	<b>Drawing number</b>
1.	S278 Pink Plan	283/002/113 Rev D
2.	Off-site widening sheet 1 of 2	283/002/101/Rev D
3.	Off-site widening sheet 2 of 2	283/002/102/Rev E
4.	S278 Clearance Sheet 1 of 2	283/002/108/Rev A
5.	S278 Clearance Sheet 2 of 2	283/002/109/Rev B
6.	S278 Contours and Levels Sheet 1 of 2	283/002/110 Rev A
7.	S278 Contours and Levels Sheet 2 of 2	283/002/111 Rev C
8.	S278 Colour Plan	283/002/112/ Rev D
9.	S278 Construction Details 1 of 2	283/002/103/Rev B
10.	S278 Construction Details 2 of 2	283/002/105 Rev C



- | Notes   |
|---|
| 1. DO NOT SCALE. WORK TO FIGURED DIMENSIONS ONLY  |
| 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS AND SPECIFICATION.   |
| 3. ALL WORKS TO BE IN ACCORDANCE WITH DOT SPECIFICATION FOR HIGHWAY WORKS AND TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY SURVEYING CONTROL.  |
| 4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.   |
| 5. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.  |
| 6. DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTWAYS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE BASE LAYER.   |
| 7. PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MANS SERVICES INCLUDING DUCT AND FIBRE TO THE LAYING OF THE ROAD BASE LAYER.   |
| 8. ALL FORMATIONS ARE TO BE PROOF ROLLED TO D.P. 5mm SHW CLAUSE 810. SOFT AREAS SHALL BE EXCAVATED FOR ADDITIONAL 200mm, GROUTED IN PLACE, AZTEC 609 OR SIMILAR SHALL BE Laid AND THEN FIELLED TO FORMATION LEVEL WITH CLASS 8/2 CAPPING MATERIAL OR SUB-BASE MATERIAL. |
| 9. GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.P. 5mm CLAUSE 802. THE MATERIAL SHALL BE Laid AND COMPACTED IN ACCORDANCE WITH CLAUSE 802.   |
| 10. ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE TO BE NON FROST SUSCEPTIBLE.   |
| 11. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2016.   |

**SECTION 278 KEY**

- Existing Ground Levels
- Extent of new adoptable highway
- Proposed tactile paving
- Proposed Highway surface water sewer
- Proposed Highway surface water manhole
- Proposed Highway gully
- S104 AW Adoptable surface water sewer
- S104 AW Adoptable surface water manhole
- S104 AW Adoptable foul water sewer
- S104 AW Adoptable foul water sewer
- S278 Highway works boundary
- SCC Indicative Highway boundary ownership (TBC)

		EXTENT REVISED				RC
C	12.09.23	HIGHWAY DRAINAGE REVISED	RT	JRC	JRC	
B	30.08.23	CROSSING TO EAST OF GARDENERS ROAD MOVED SLIGHTLY TO ALIGHT WITH THE OPPOSITE ROAD CROSSING	RT	JRC	JRC	
A	10.08.23	FIRST ISSUE	BP	JC	JC	
Plan	Date	Description	Drawn	Checked	Approved	



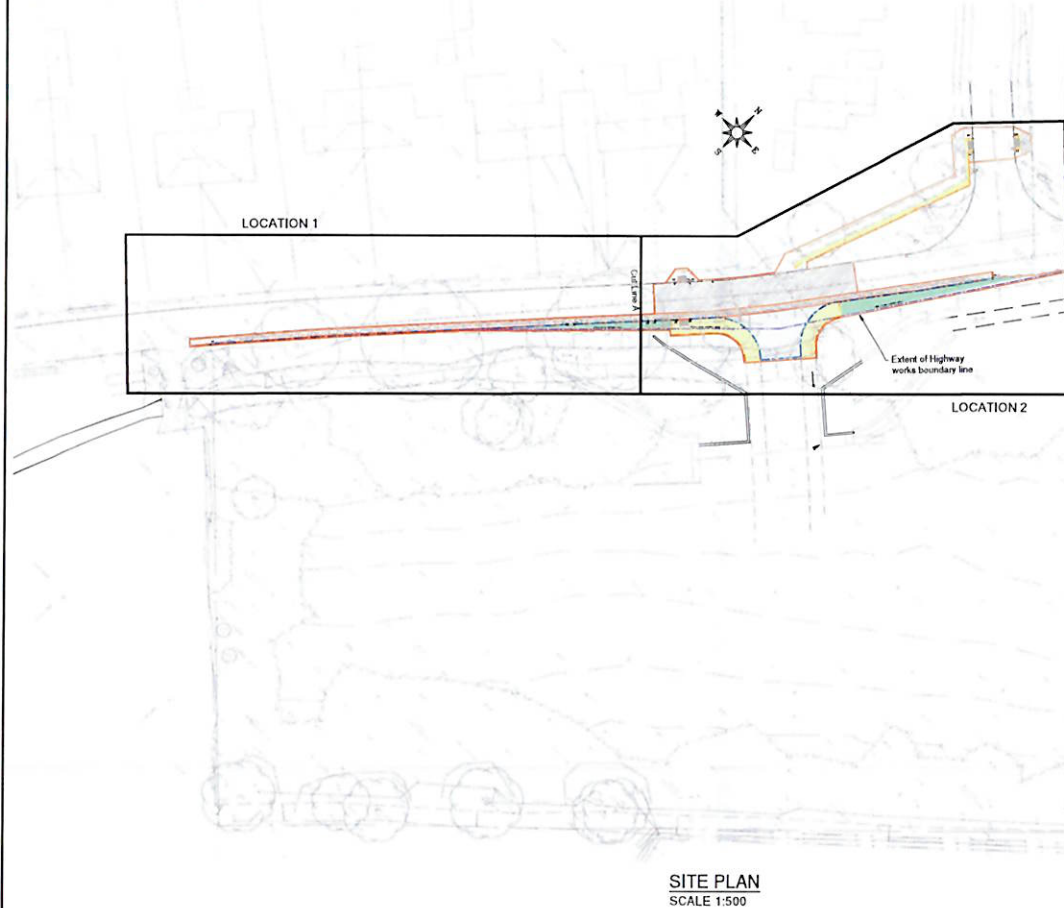
**HAYDN  
EVANS**

01473 236550  
[www.haydnevans.co.uk](http://www.haydnevans.co.uk)  
[mail@evansconsult.co.uk](mailto:mail@evansconsult.co.uk)

31 to 37 St Helens Street,  
Ipswich, IP4 2JL

Client				
LANDEX				
Project				
LAND SOUTH OF LOW ROAD, DEBENHAM				
Drawing title				
S278 PINK PLAN				
Scale	Drawn	Checked	Approved	Date
1:100	BP	JC		AUG 23
Drawing no.				Revision
283/002/113				D



SITE PLAN  
SCALE 1:500

## TOPOGRAPHICAL &amp; MEASURED BUILDING SURVEYS

## ABBREVIATIONS &amp; SYMBOLS

AH	Arch Head Height	FH	Fire Hydrant	RSJ	Roller Steel Joint
AR	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FL	Fire Level	SP	Arch Spring Point Height
BB	Belisha Beacon	FP	Flag Pole	SV	Stop Valve
BH	Bore Hole	FW	Foul Water	SW	Surface Water
BL	Bed Level	GG	Gully Grate	SY	Stay
BO	Bollard	GV	Gas Valve	Tac	Tactile Paving
BRP	Brace Post	IC	Inspection Cover	TC	Telecom Cover
BS	Bus Stop	HH	Head Height	TH	Threshold Level
BU	Bush	IL	Invert Level	TL	Top of Wall
BW	Barbed Wire Fence	IR	Iron Railings	TP	Telegraph Pole
CB	Close Board Fence	KO	Kerb Outlet	TV	Cable TV Cover
CH	Cell Height	LP	Lamp Post	UB	Universal Beam
CL	Cover Level	MH	Manhole	UC	Unknown Cover
CL	Chain Link Fence	MP	Marker Post	UK	Unknown Tree
CL	Ceiling Level	NB	Name Board	USB	Under Side Beam
Col	Column	OHL	Overhead Line (approx)	UTL	Unable To Lift
CIP	Chestnut Paling Fence	Pan	Panel Fence	VP	Vent Pipe
CR	Cable Riser	PB	Post Box	WB	Waste Bin
DC	Drainage Channel	PM	Parking Meter	WH	Weep Hole
DH	Door Head Height	PO	Post	WL	Water Level
DP	Down Pipe	P/R	Post & Rail Fence	WM	Water Meter
DR	Drain	P/W	Post & Wire Fence	WO	Wash Out
EL	Eaves Level	P/W	Partition Wall	XX	Floor to Ceiling Height
EP	Electric Pole	RE	Rodding Eye	XX	F/C Floor to False Ceiling HT
ER	Earth Rod	RL	Ridge Level	Δ	Survey Control Station
ET	EP+Transformer	RP	Reflector Post		
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Roller Shutter Door		

## Existing services

LV	Low voltage electric cable
LV OH	Overhead Low voltage electric cable
ST	Telecom cable
ST OH	Overhead Telecom cable
W	3" CI Water Main
W	Water Main washout chamber
W	Water Main sluice valve
W	Fire hydrant
W	Foul water sewer
W	Surface water sewer

## Proposed services connections

E	Proposed low voltage electric cable
W	Proposed Ø90mm HPPE SDR17 water main
W	Proposed 150mm duct over the culvert
T	Proposed 90mm telecom duct

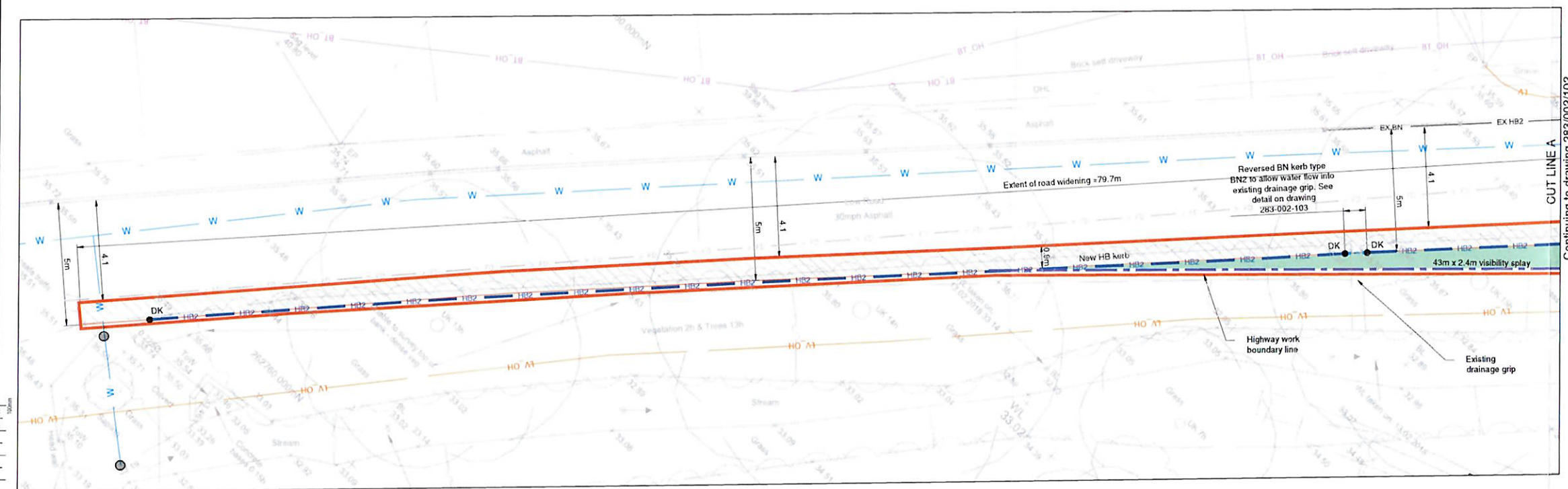
Existing Ground Levels	
New asphalt road construction	
Extend of existing asphalt road construction	
New footpath construction	
Adoptable verge area	
Proposed tactile paving	
Proposed Highway surface water sewer	
Proposed Highway surface water manhole	
Proposed Highway gully	
S38 Adoptable Highway sewer	
S38 Adoptable Highway manhole	
S104 AW Adoptable surface water sewer	
S104 AW Adoptable surface water manhole	
S104 AW Adoptable foul water sewer	
S104 AW Adoptable foul water sewer	
S278 Highway work - Red	

HB2	HB2 125mm upstand kerbing
BN	BN kerb (125x150) 25mm upstand
BN	BN kerb (125x150) 0-6mm upstand
EF	EF flush edging
CS2	CS2 channel kerb (flush)
TR	Transition kerb (flush)
DK	Dropper kerb
EX HB2	Existing HB2 kerb
EX BN	Existing BN kerb

## Notes

- DO NOT SCALE. WORK TO FIGURED DIMENSIONS ONLY.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS AND SPECIFICATION.
- ALL WORKS TO BE IN ACCORDANCE WITH DOT SPECIFICATION FOR HIGHWAY WORKS AND TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
- THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
- ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
- DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTWAYS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE BASE LAYER.
- PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE ROAD BASE LAYER.
- ALL FORMATIONS ARE TO BE PROOF ROLLED TO D.T.P. SHW CLAUSE 616. SOFT AREAS SHALL BE EXCAVATED FOR ADDITIONAL 300mm. GEOTEXTILE FABRIC AZTEK 609 OR SIMILAR SHALL BE Laid AND THEN FIELD TO FORMATION LEVEL WITH CLASS #2 CAPPING MATERIAL OR SUB-BASE MATERIAL.
- GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.T.P. SHW CLAUSE 603. THE MATERIAL SHALL BE Laid AND COMPACTED IN ACCORDANCE WITH CLAUSE 602.
- ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE TO BE NON FROST SUSCEPTIBLE.
- ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2017.

OFFSITE HIGHWAY WIDENING LOCATION 2 (Section 1)  
SCALE 1:100

D	30.08.23	EXISTING SERVICES ADDED	RT	JRC	JRC
C	10.08.23	PLAN REVISED TO SCC TECHNICAL COMMENTS	RT	JRC	JRC
B	29.09.22	ROAD WIDENING LOCATION 1 REMOVED. WIDENING LOCATION 2-SECTION 1 MOVED FROM DRAWING 283/002/102	RT	MJ	
A	05.05.21	NEW WORKS BOUNDARY LINE SHOWN	RT	MJ	

Rev	Date	Description	Drawn	Chk'd	App'd
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## PRELIMINARY

**HAYDN  
EVANS**

31 to 37 St Helens Street,  
Ipswich, IP4 2JL

01473 236550  
www.haydn-evans.co.uk  
mail@haydn-evans.co.uk

## LANDEX


LAND SOUTH OF LOW ROAD,  
DEBENHAMOFF-SITE HIGHWAY WIDENING  
SHEET 1 OF 2

Scale	AS SHOWN	Drawn	MJ	Checked	Approved	Date	MARCH '21
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Drawing no.	283/002/101	Revision	D
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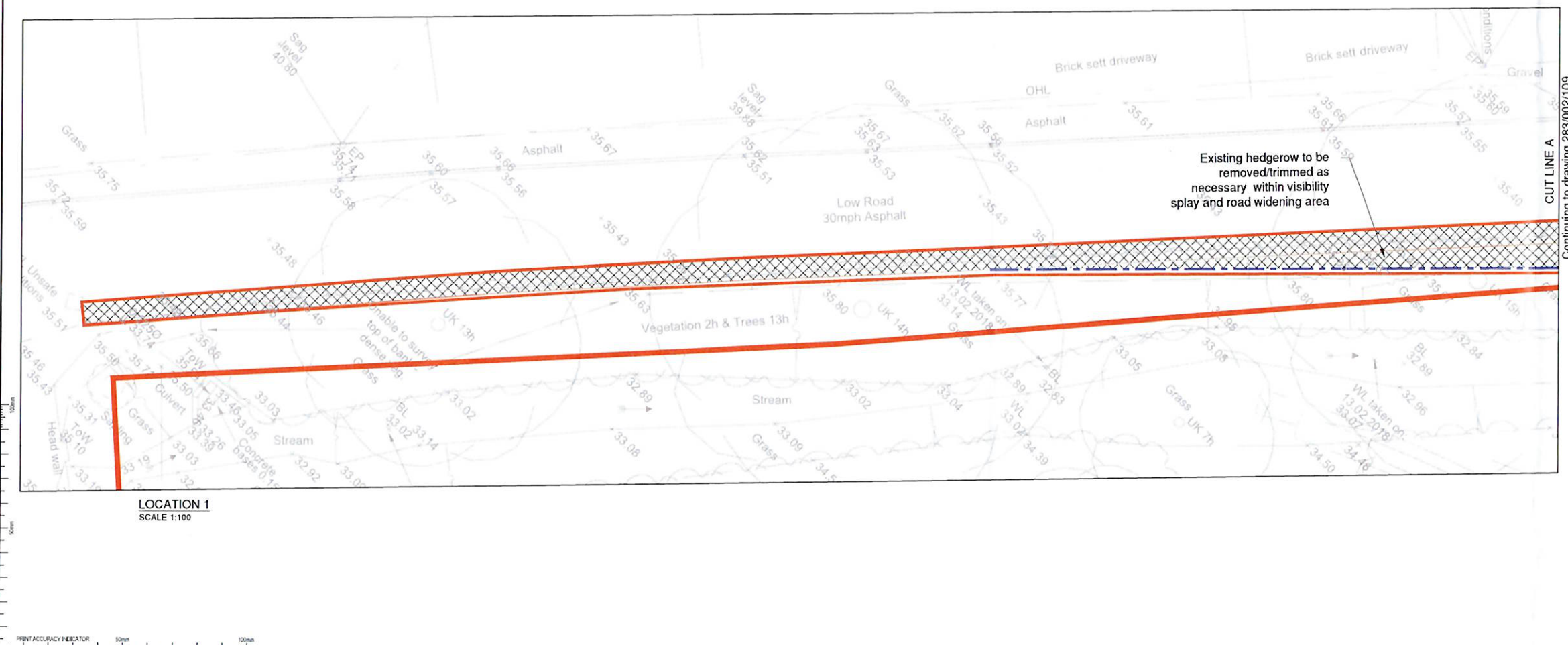
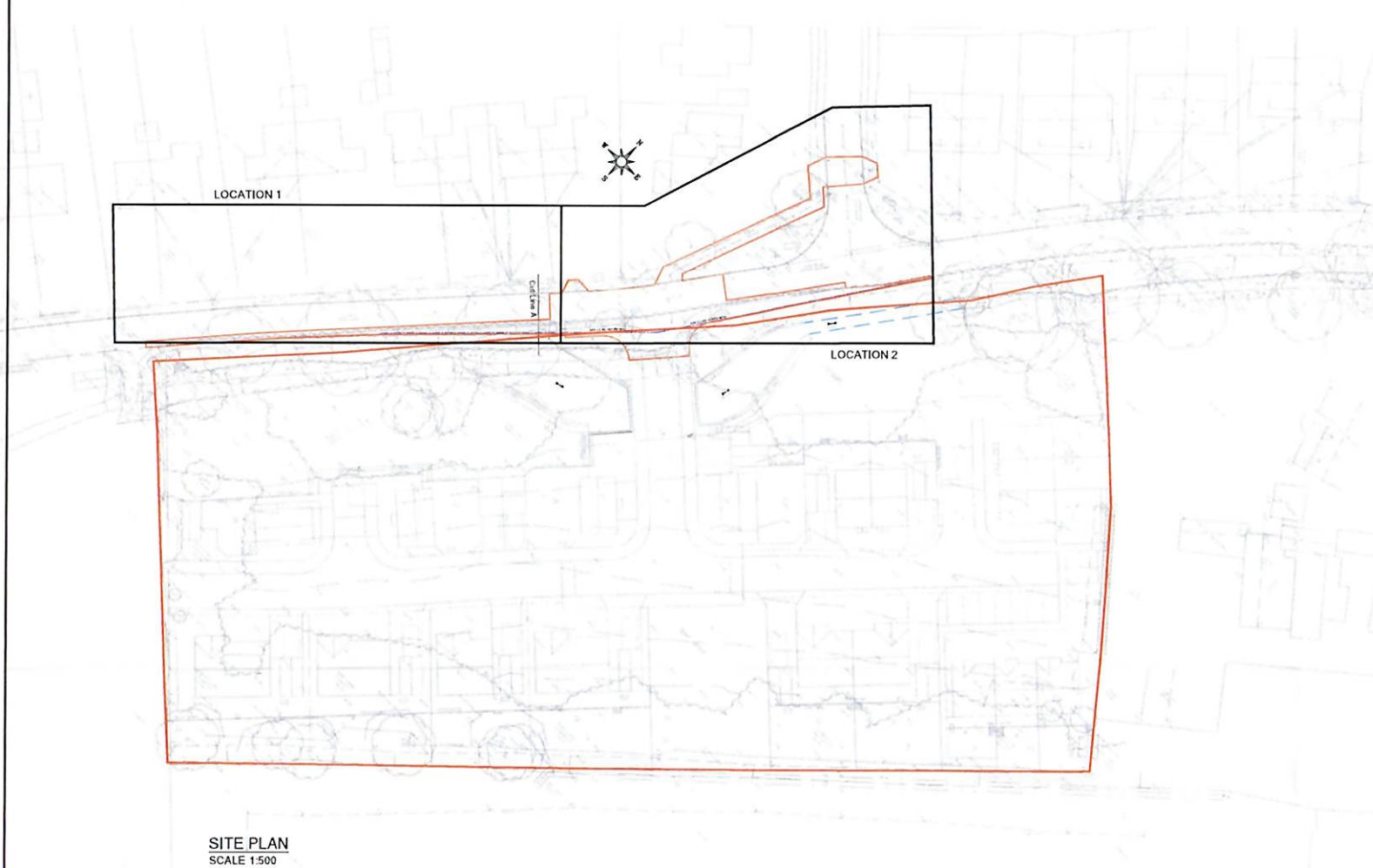




-  Proposed low voltage electric cable  
 Proposed Ø90mm HPPE SDR17 water main  
 Proposed 150mm duct over the curb  
 Proposed 90mm telecom duct

Scale AS SHOWN	Drawn MJ	Checked	Approved	Date MARCH '21
Drawing no. 283/002/102				Revision E











## TOPOGRAPHICAL & MEASURED BUILDING SURVEYS

## ABBREVIATIONS & SYMBOLS

AS	Ach Steel Head Height	FH	Fire Hydrant	RSJ	Rolled Steel Joist
AS	Assumed Route	FBD	Floor Board Direction	SI	Sign Post
AV	Air Valve	FH	Fire Hydrant	SP	Ach Spring Point Height
BB	Beisha Beacon	FL	Fire Level	SV	Stop Valve
BH	Bore Hole	FP	Flag Pole	SW	Surface Water
BL	Bed Level	FW	Foot Water	SY	Slay
BO	Bollard	GV	Gully Grate	Tac	Tactile Paving
BP	Brace Post	GG	Gas Valve	TC	Television Cabinet
BS	Bus Stop	HC	Head Height	TH	Threat Pit
BU	Bush	IK	Inspection Cover	THL	Threshold Level
BW	Barbed Wire Fence	IL	Invert Level	TL	Traffic Light
BX	Box (Hillocks)	IR	Iron Railing	TuW	Trip of Wall
C/B	Close Board Fence	KD	Kerb Outlet	TV	Telegraph Pole
CH	Cill Height	LP	Lamp Post	TV	Cable TV Cover
CL	Cover Level	MH	Manhole	UV	Universal Beam
C/L	Chain Link Fence	MP	Marker Post	UC	Unknown Cover
C-Lv	Ceiling Level	NB	Name Board	UK	Unknown Tree
Col	Column	OH	Overhead Line (approx)	US	Under Side Beam
CP	Chestnut Paling Fence	PAN	Panicle Fence	UTL	Unable To Lift
CR	Cable Riser	PB	Post Box	VP	Vent Pipe
DC	Drainage Channel	PM	Parking Meter	WB	Water Bin
DH	Door Head Height	PO	Post	WH	Wisp Hole
DI	Drain Pipe	P/P	Post & Rail Fence	W/L	Water Level 0.002018
DR	Drain	P/W	Post & Wire Fence	WM	Wider Meter
EL	Leaves Level	P/Wall	Partition Wall	WO	Wash Out
EP	Electric Pole	RE	Roading Eye	W/C	Floor to Ceiling Height
ER	Earth Rod	RL	Ridge Level		
ET	EP+Transformer	RP	Reflector Post	W/C	Floor To False Ceiling Ht
FB	Flower Bed	RS	Road Sign		
FBD	Floor Board Direction	RSD	Road Shutter Door		

**SECTION 278 KEY**

	Vegetation to be removed within new road junction
	Vegetation to be removed or trimmed back within visibility splay
	Existing verge to be removed
	Road to be resurfaced
	S278 Highway work
	Site boundary

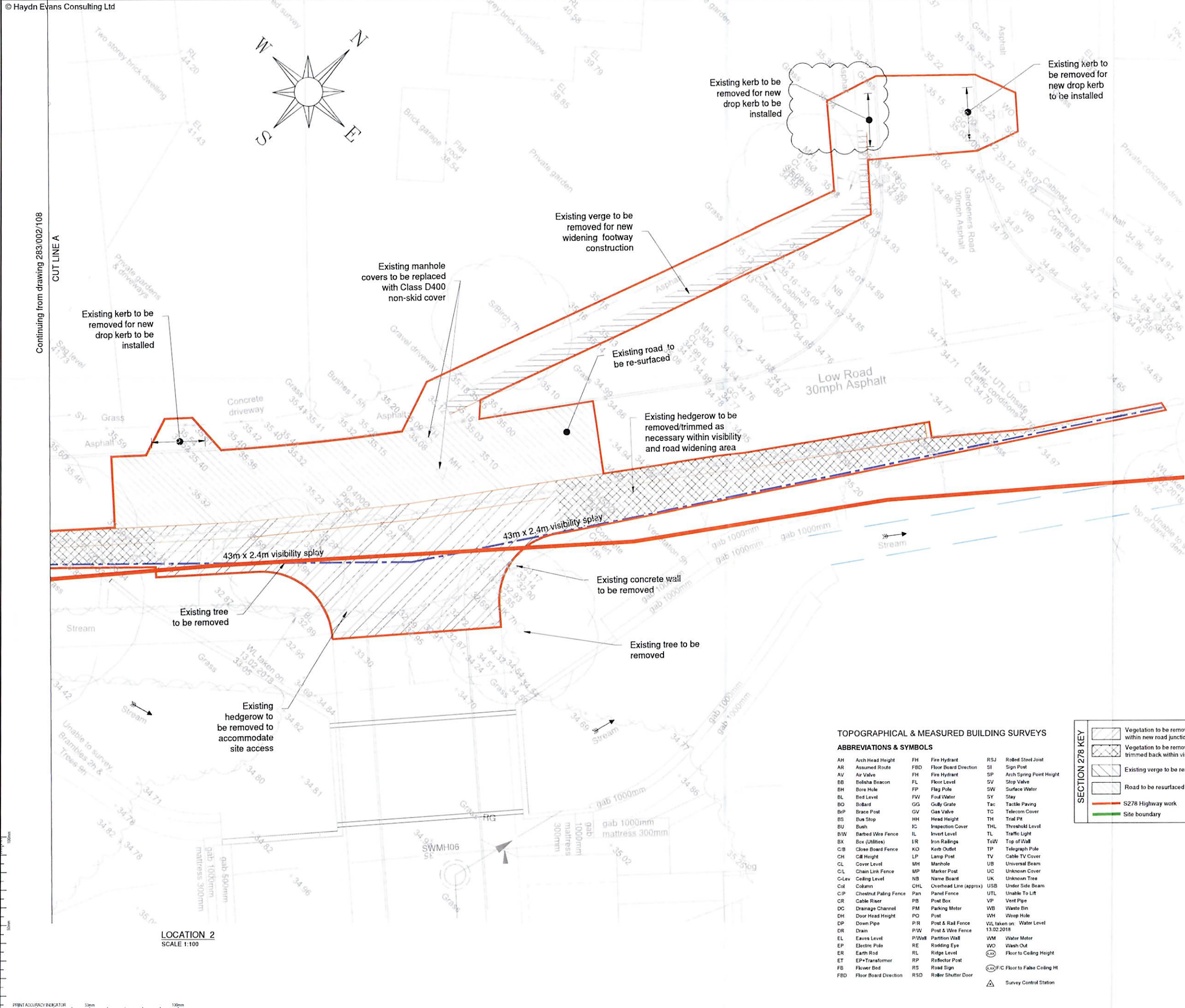
## Notes

1. DO NOT SCALE, WORK TO FIGURED DIMENSIONS ONLY
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS AND SPECIFICATION.
3. ALL WORKS TO BE IN ACCORDANCE WITH DOT SPECIFICATIONS OR HIGHWAY WORKS AND TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
4. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
5. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
6. DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTWAYS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE BASE LAYER.
7. PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DISTURBING PRIOR TO THE LAYING OF THE ROAD BASE LAYER.
8. ALL FORMATIONS ARE TO BE PROOF ROLLED TO D.P. SHW CLAUSE 616. SHORT AREAS SHALL BE EXCAVATED FOR A MINIMUM 300mm, GEOTEXTILE FABRIC AEGY 609 OR SIMILAR SHALL BE Laid AND THEN FILLED TO FORMATION LEVEL WITH CLASS OF 62 CAPPING MATERIAL OR SUB-BASE MATERIAL.
9. GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.P. SHW CLAUSE 616. THE MATERIAL SHALL BE Laid AND COMPACTED IN ACCORDANCE WITH CLAUSE 602.
10. ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE IS TO BE NON-FRISK SUSCEPTIBLE.
11. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2016.

A	10.08.23	PRELIMINARY ISSUE	RT	JRC	JRC
Date	Date	Description	Drawn	Checked	Approved
<div> <div>  <div> <h1>HAYDN EVANS</h1> <p>01473 236550  <a href="http://www.haydn-evans.co.uk">www.haydn-evans.co.uk</a>  <a href="mailto:mail@evansconsult.co.uk">mail@evansconsult.co.uk</a> </p> </div> </div> <div> <p>31 to 37 St Helens Street,              Ipswich, IP4 2JL</p> </div> </div>					
Client					
LANDEX					
Project					
LAND SOUTH OF LOW ROAD, DEBENHAM					
Drawing title					
S278 CLEARANCE LAYOUT SHEET 1 OF 2					
Scale	Drawn	RT	Checked	JC	Approved
AS SHOWN				JC	Date
Drawing No.					Revision
283/002/108					A



Continuing from drawing 283.002/108  
CUT LINE A



- Notes
1. DO NOT SCALE. WORK TO FIGURED DIMENSIONS ONLY
  2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS AND SPECIFICATION.
  3. ALL WORKS TO BE IN ACCORDANCE WITH DOT SPECIFICATION FOR HIGHWAY WORKS AND TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
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  5. ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
  6. DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTWAYS ARE TO BE KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE BASE LAYER.
  7. PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE ROAD BASE LAYER.
  8. ALL FORMATIONS ARE TO BE PROOF ROLLED TO D.T.p SHW CLAUSE 816. SOFT AREAS SHALL BE EXCAVATED FOR ADDITIONAL 300mm. GEOTEXTILE FABRIC AZTEK 609 OR SIMILAR SHALL BE LAD AND THEN FILLED TO FORMATION LEVEL WITH CLASS 6/2 CAPPING MATERIAL OR SUB-BASE MATERIAL.
  9. GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.T.p SHW CLAUSE 803. THE MATERIAL SHALL BE LAD AND COMPACTED IN ACCORDANCE WITH CLAUSE 802.
  10. ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE TO BE NON FROST SUSCEPTIBLE.
  11. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2016.

B	30.08.23	CROSSING TO EAST OF GARDENERS ROAD MOVED SLIGHTLY TO ALIGHT WITH THE OPPOSITE ROAD CROSSING	RT	JRC	JRC
A	10.08.23	PRELIMINARY ISSUE	RT	JRC	JRC
Drawn	Drawn	Description	Drawn	Check	Appld

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Client	LANDEX
Project	LAND SOUTH OF LOW ROAD, DEBENHAM
Drawing Title	S278 CLEARANCE LAYOUT SHEET 2 OF 2
Scale	AS SHOWN
Drawn	RT
Checked	JC
Approved	JC
Date	MARCH '21
Drawing no.	283/002/109
Revision	B

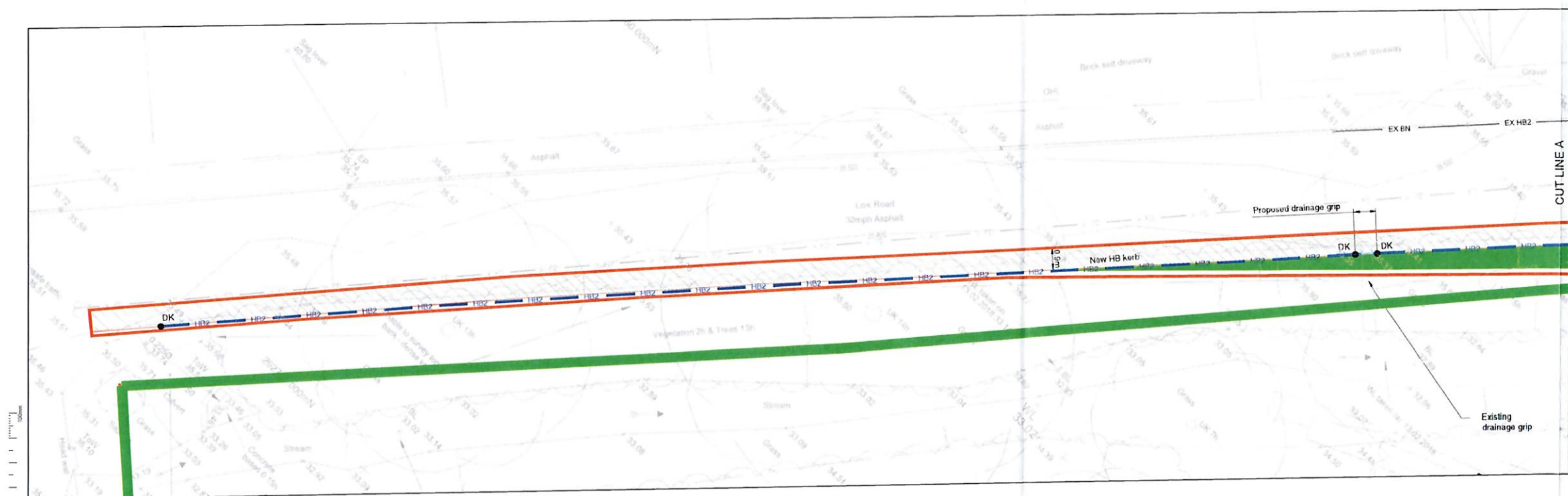




SITE PLAN  
SCALE 1:500

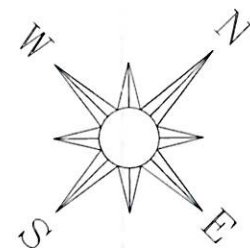
SECTION 278 LEVELS AND CONTOURS KEY

X 00.00	Proposed Adoptable Levels
x 00.00	Proposed Site Levels
	Existing Ground Levels
	Existing contours
35.000	Proposed contours
	New asphalt road construction
	Extend of existing asphalt road construction
	New footpath construction
	Adoptable verge area
	Proposed tactile paving
	Proposed Highway gully
	S278 Highway work - Red
	Site boundary



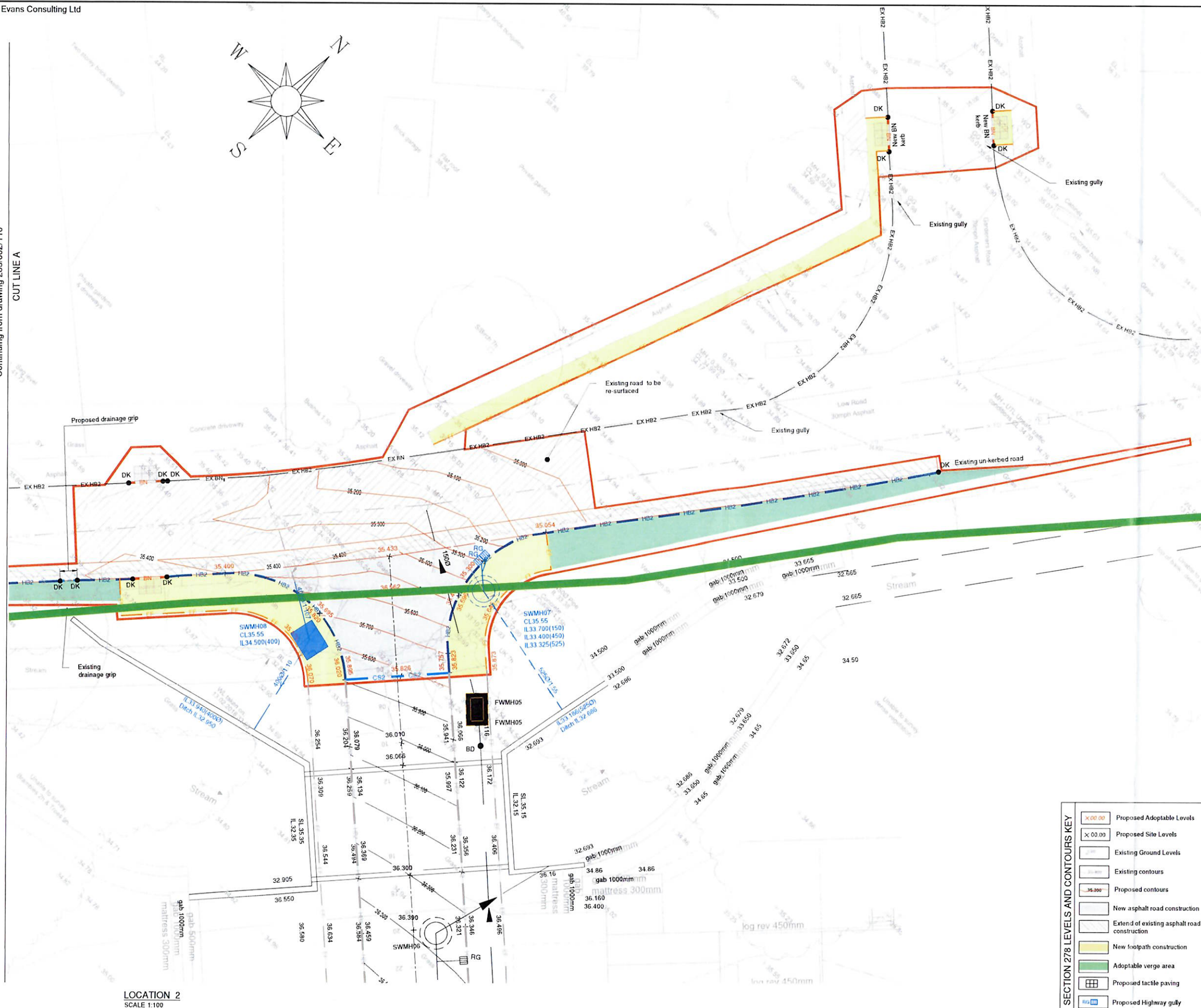
LOCATION 1  
SCALE 1:100





Continuing from drawing 283/002/110

CUT LINE A

LOCATION 2  
SCALE 1:100

## Notes

1. DO NOT SCALE. WORK TO FIGURED DIMENSIONS ONLY
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8. ALL FORMATIONS ARE TO BE PROOF ROLLED TO D.T.P. SHW CLAUSE 616. SOFT AREAS SHALL BE EXCAVATED FOR ADDITIONAL 300mm. GEOTEXTILE FABRIC: AZTEK 609 OR SIMILAR SHALL BE Laid AND THEN FILLED TO FORMATION LEVEL WITH CLASS 6/2 CAPPING MATERIAL OR SUB-BASE MATERIAL.
9. GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.T.P. SHW CLAUSE 603. THE MATERIAL SHALL BE Laid AND COMPACTED IN ACCORDANCE WITH CLAUSE 602.
10. ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE TO BE NON FROST SUSCEPTIBLE.
11. ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2015.

C	12.09.23	HIGHWAY DRAINAGE REVISED	RT	JRC	JRC
B	30.08.23	CROSSING TO EAST OF GARDENERS ROAD MOVED SLIGHTLY TO ALIGN WITH THE OPPOSITE ROAD CROSSING	RT	JRC	JRC
A	10.08.23	PRELIMINARY ISSUE	RT	JRC	JRC
Rev'n	Date	Description	Drawn	Chkd	App'd

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## LANDEX

LAND SOUTH OF LOW ROAD,  
DEBENHAMS278 CONTOURS AND LEVELS  
SHEET 2 OF 2

Scale	AS SHOWN	Drawn	RT	Checked	JC	Approved	JC	Date	MARCH 21
Drawing no.	283/002/111								Revision
	C								

## SECTION 278 LEVELS AND CONTOURS KEY

- x 00.00 Proposed Adoptable Levels
- x 00.00 Proposed Site Levels
- x 00.00 Existing Ground Levels
- x 00.00 Existing contours
- x 00.00 Proposed contours
- x 00.00 New asphalt road construction
- x 00.00 Extend of existing asphalt road construction
- x 00.00 New footpath construction
- x 00.00 Adoptable verge area
- x 00.00 Proposed tactile paving
- x 00.00 Proposed Highway gully
- x 00.00 S278 Highway work - Red
- x 00.00 Site boundary



ID SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC  
ID DIRECTIONS 2016.

### Adoptable Carriageway

SECTION 278 KEY

KERBING KEY

D	28.09.23	TACTILE CROSSING INTO EXISTING FOOTPATH HATCH ADDED AS CLOUDED.	RT	JRC	JRC
C	12.09.23	HIGHWAY DRAINAGE REVISED	RT	JRC	JRC
B	30.08.23	CROSSING TO EAST OF GARDENERS ROAD MOVED SLIGHTLY TO ALIGHT WITH THE OPPOSITE ROAD CROSSING	RT	JRC	JRC
A	10.08.23	FIRST ISSUE	BP	JC	JC
Drawn	Drawn	Description	Design	Check	Approved

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LANDEX

LAND SOUTH OF LOW ROAD,  
DEBENHAM

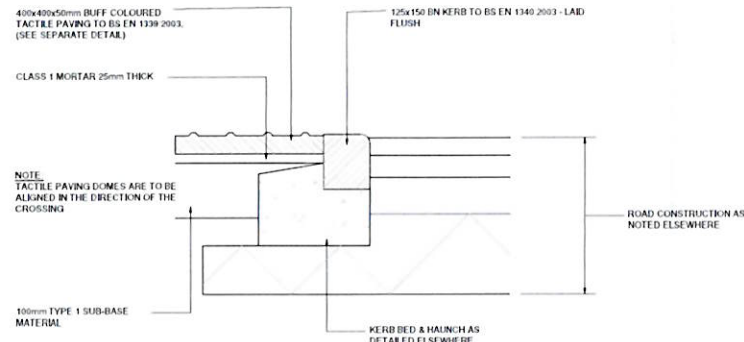
S278 COLOUR PLAN

Scale	Drawn	Checked	Approved	Date
1:100	0.0	1/0		11/02/17

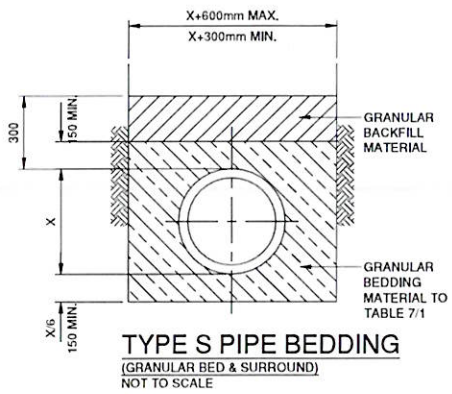
283/002/112

Revision





**BLISTER TYPE TACTILE INSTALLATION DETAIL**  
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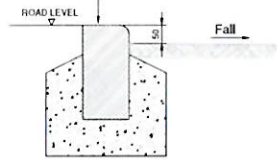


**TYPE S PIPE BEDDING**  
(GRANULAR BED & SURROUND)  
NOT TO SCALE

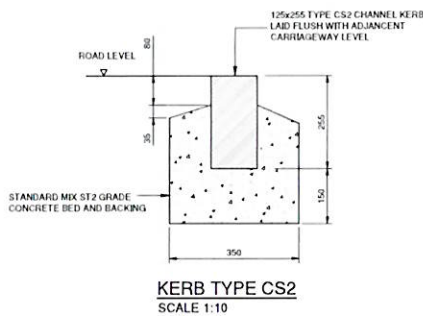
TABLE 7/1

PIPE DIAMETER (mm)	SINGLE SIZED AGGREGATE (mm) TO BS 882
LESS THAN 150mm	10
INCLUDING 150mm UP TO 300mm	10 OR 14
INCLUDING 300mm UP TO 525mm	14 OR 20
INCLUDING 525mm AND ABOVE	14, 20 OR 40

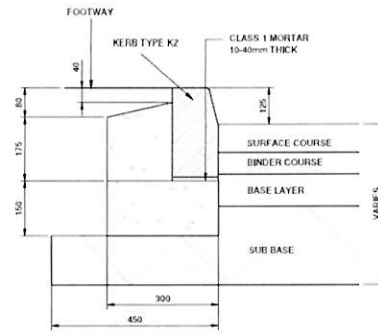
125X255 type BN kerb, laid flush with adjacent carriageway level



**DRAINAGE GRIP DETAIL**  
SCALE 1:10



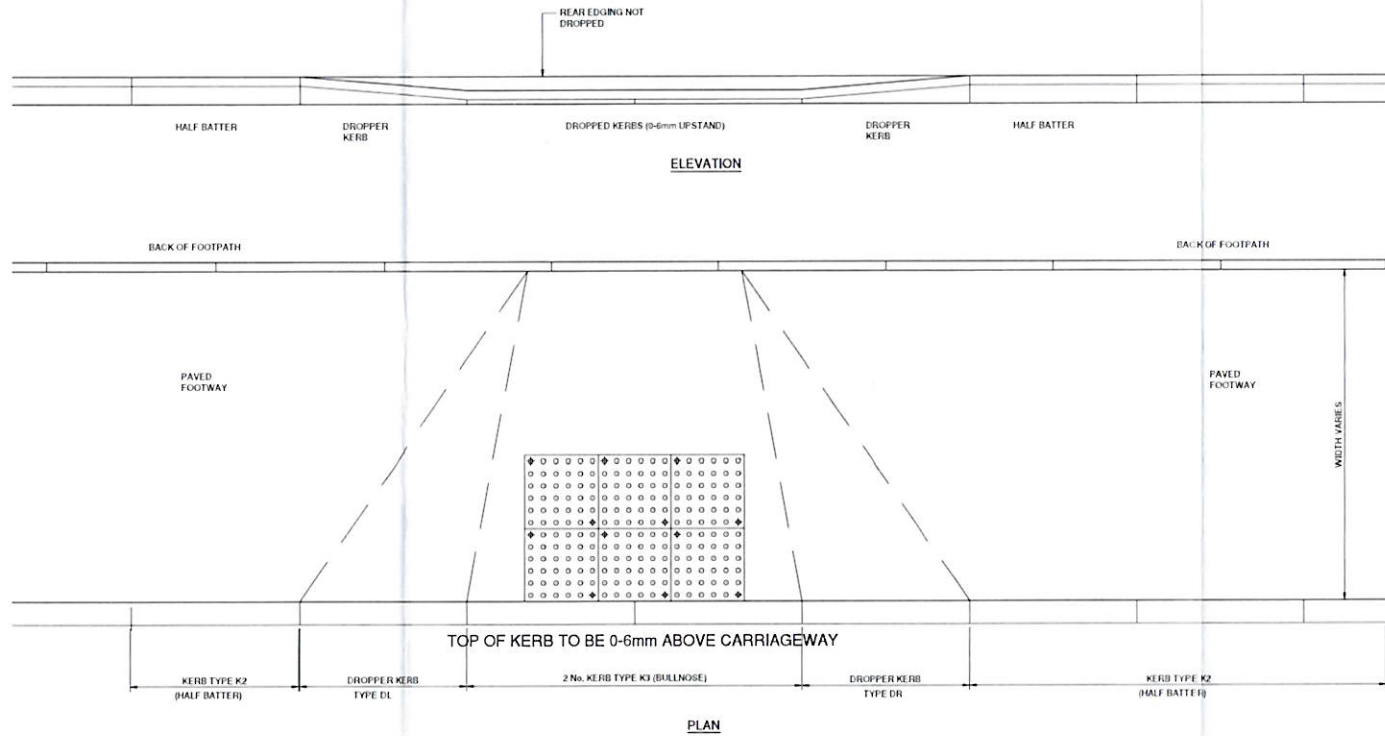
**KERB TYPE CS2**  
SCALE 1:10



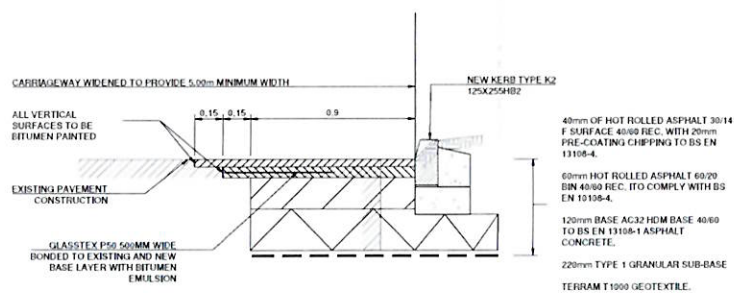
**KERB TYPE HB2**  
SCALE 1:10

TOP OF KERB TO BE 0-6mm ABOVE CARRIAGEWAY

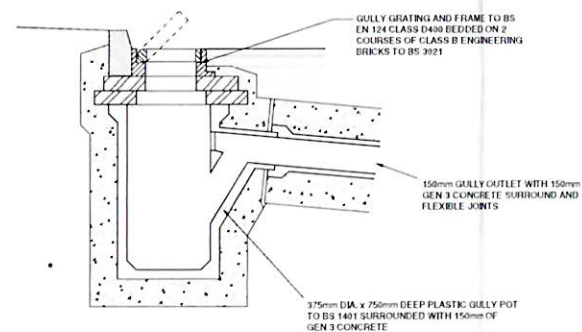
**PEDESTRIAN CROSSING LAYOUT**  
SCALE 1:20



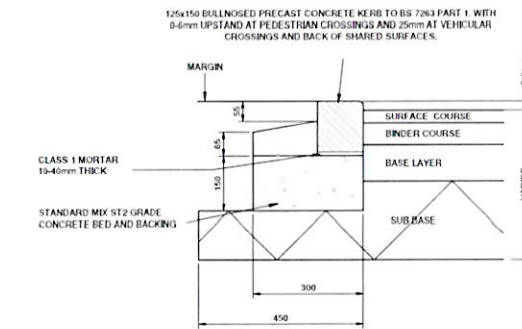
**DRAINAGE GRIP ELEVATION**  
SCALE 1:20



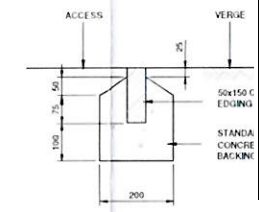
**CARRIAGEWAY WIDENING DETAIL**  
SCALE 1:20



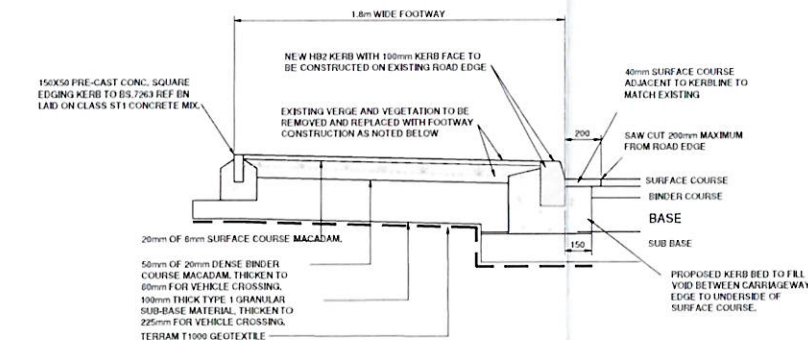
**ROAD GULLY**  
SCALE N.T.S



**KERB TYPE BN**  
SCALE 1:10



**FOOTWAY EDGING DETAIL**  
SCALE 1:10



**FOOTWAY CONSTRUCTION DETAIL**  
SCALE 1:20

## Notes

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- ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
- DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTWAYS ARE TO BE SWEEPED AND KEPT CLEAR OF OBSTRUCTIONS. THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE BASE LAYER.
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- GRANULAR SUB-BASE MATERIAL TYPE 1 SHALL COMPLY WITH D.T.P. SHW CLAUSE 803. THE MATERIAL SHALL BE LAID AND COMPACTED IN ACCORDANCE WITH CLAUSE 802.
- ALL MATERIAL WITHIN 450mm OF ROAD FINISH SURFACE TO BE NON-FROST SUSCEPTIBLE.
- ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS 2015.

B	10.08.23	GEOTEXTILE ADDED TO FOOTWAY AND ROAD WIDENING CONSTRUCTION DETAILS. DRAINAGE GRIP DETAIL ADDED	RT	JHC	JHC
A	16.02.22	CARRIAGEWAY WIDENING DETAIL REVISED. KERB TYPE CN ADDED	RT	MJ	MJ
Rev'n	Date	Description	Drawn	Chkd	App'd

PRELIMINARY



LANDEX

LAND SOUTH OF LOW ROAD,  
DEBENHAM

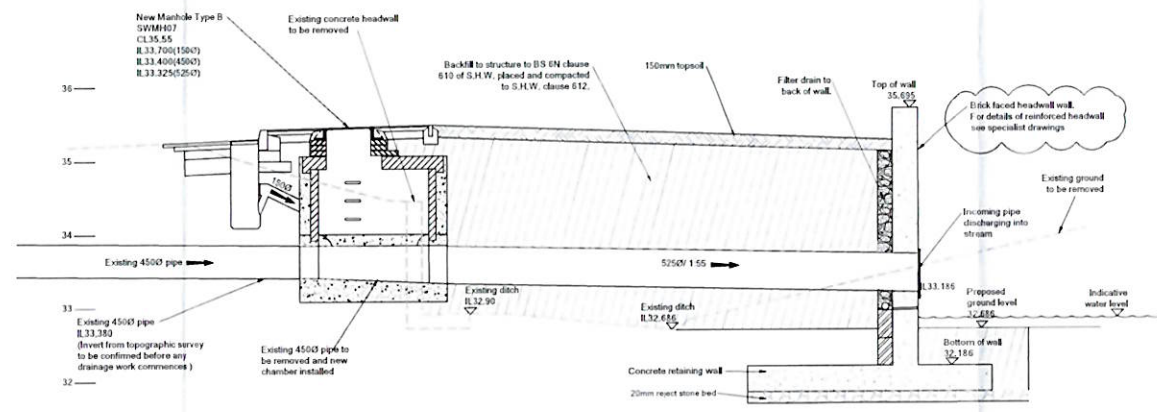
S278 CONSTRUCTION DETAILS  
SHEET 1 OF 2

Scale	AS SHOWN	Drawn	MJ	Checked	MJ	Approved	MJ	Date	MARCH '21
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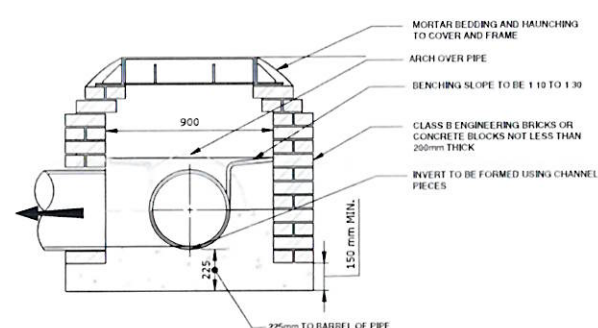
283/002/103

B

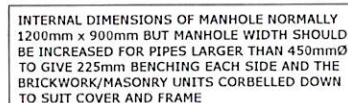




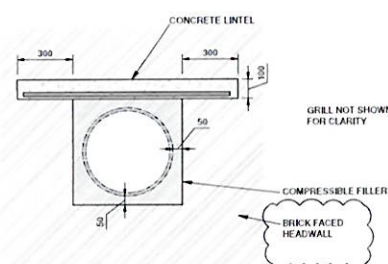
SECTION THROUGH EXISTING 450Ø PIPE AND NEW ROAD GULLIES DISCHARGING INTO STREAM  
SCALE 1:50



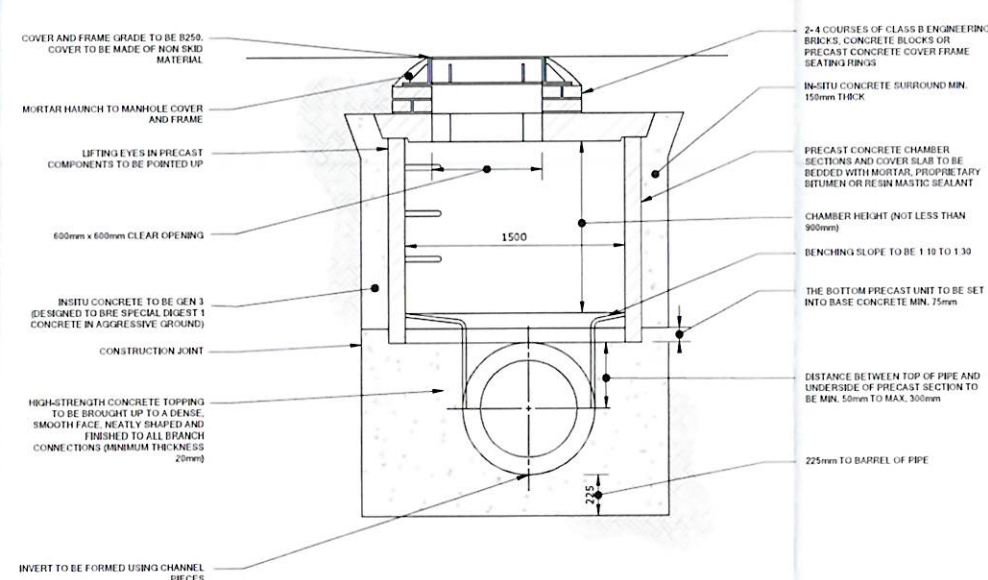
CROSS-SECTION THROUGH MANHOLE SWMH08  
SCALE 1:20



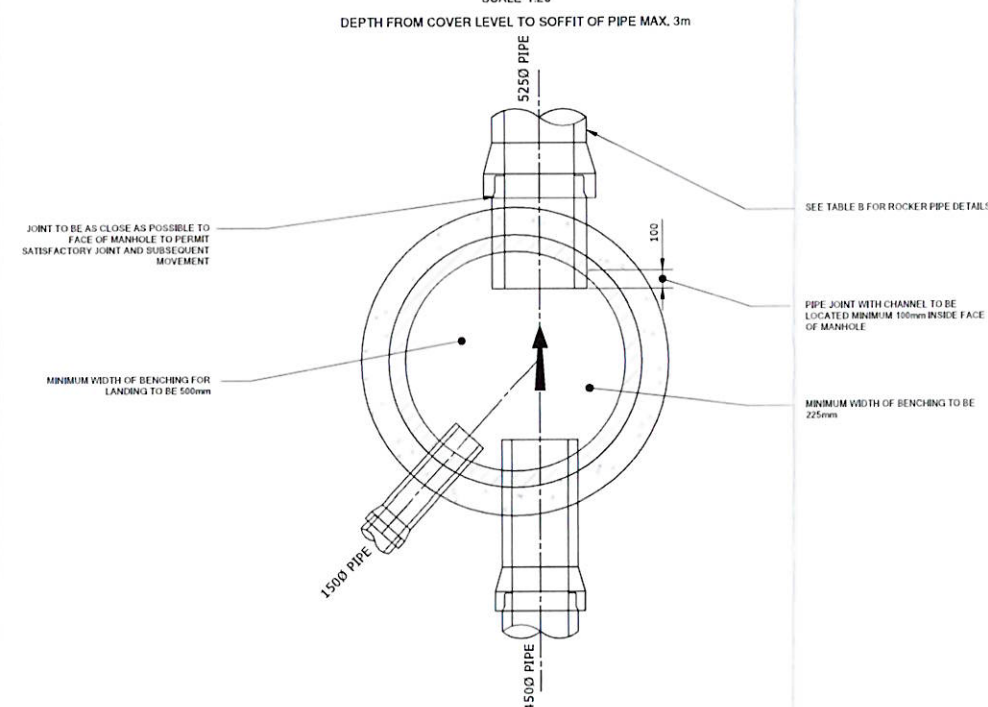
MANHOLE - TYPE C

TABLE B - ROCKER PIPES

PIPES THROUGH RETAINING WALL DETAIL  
SCALE 1:20



MANHOLE SWMH07 DETAIL - TYPE B  
SCALE 1:20



TYPICAL SECTION THROUGH MANHOLE SWMH07- TYPE B  
SCALE 1:20

- 100

C	28.09.23	REINFORCED HEADWALL NOTE ADDED AS CLOUDED	RT	JRC	JRC
B	12.09.23	MANHOLE TYPE C AND SECTIONS DISCHARGING INTO STREAM REVISED, MANHOLE TYPE B ADDED	RT	JRC	JRC
A	10.08.23	PRELIMINARY ISSUE	RT	JRC	JRC
Rev's	Date	Description	Drawn	Chk'd	App'd

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LANDEX

LAND SOUTH OF LOW ROAD,  
DEBENHAM

S278 CONSTRUCTION DETAILS  
SHEET 2 OF 2

Scale AS SHOWN	Drawn RT	Checked	Approved	Date MARCH 21
Drawing no. 283/002/105				Revision C