

DATED

21st January

2024⁵

SUFFOLK COUNTY COUNCIL (1)

- and -

MATTHEW HOMES 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 Meadow Lane, Thurston, Suffolk

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

Ref: **SH/81810**

SECTION 278 AGREEMENT INDEX

	Page
Recitals & Definitions	
RECITALS AND DEFINITIONS.....	4
1 LEGAL EFFECT	9
2 NOTICES	10
3 GENERAL.....	10
4 ARBITRATION	11
5 COVENANTS.....	12
1 THE DESIGN OF THE HIGHWAY WORKS	15
2 LETTING OF THE CONTRACT.....	16
3 INSPECTION OF THE HIGHWAY WORKS	17
4 TESTING OF MATERIALS.....	18
5 OPENING OF THE HIGHWAY WORKS.....	19
6 UNDERTAKERS.....	20
7 PROTECTION OF THE PUBLIC	21
10 TIMING.....	23
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 BOND / PERFORMANCE Cash deposit	29
18	COMMUTED SUMS FOR MAINTENANCE.....	30
19	LEGAL AND ADMINISTRATIVE COSTS.....	31
20	PARTS I AND II OF THE LAND COMPENSATION ACT 1973.....	32
	SCHEDULE II.A.....	34
	SCHEDULE II.B – <i>NOT USED</i>	37
	SCHEDULE III	38
	SCHEDULE IV	38

THIS AGREEMENT is made the 21st day of January 2024~~5~~
BETWEEN the following parties :-

- (1) **SUFFOLK COUNTY COUNCIL** of Endeavour House 8 Russell Road Ipswich
Suffolk IP1 2BX ("the County Council")
- (2) **MATTHEW HOMES LIMITED** (company number 01210027) of Pendragon
House, 65 London Road, St Albans, AL1 1LJ ("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 £9,485.85 (Nine thousand, four hundred and eighty-five pounds, and eighty-five 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
"National Highways"	Means the body appointed by the Secretary of State for Transport as a strategic highways company under section 1 of the Infrastructure Act 2015 and statutory instrument 2015/376 or any other body so appointed
"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
"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 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.A, 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"	Means the sum of £82,990.85 (Eighty-two thousand, nine

Figure"	hundred and ninety pounds, and eighty-five pence) 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 National House Building Council (NHBC)
"Permission"	Means the planning permission granted by Mid Suffolk District Council dated 3 rd January 2017 granted with reference number 4942/16 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 Meadow Lane, Thurston, Suffolk shown edged red for identification only on the title plan for land registered at the Land Registry with the title number SK405204
"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 75,446.23 (Seventy-five thousand, four hundred and forty-six pounds, and twenty-three pence) (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
- (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

- (H) 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 context requires the Executive Director of Growth, Highways and Infrastructure, Endeavour House 8 Russell Road Ipswich IP1 2BX)
The Developer	Matthew Homes Limited, Pendragon House, 65 London Road, St Albans, AL1 1LJ, marked for the attention of the Managing Director Jaimie Wragg

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 and National Highways

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 NOT USED

7 THIRD PARTY RIGHTS

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

8 LAPSE

8.1 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

8.2 Where, in accordance with clause 8.1 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

)
)
)
)



[Redacted Signature]
.....
A Duly Authorised Officer

Executed as a DEED by

MATTHEW HOMES LIMITED
Acting by

[Redacted Signature]

], a director and
], a director OR secretary

.....
Direc [Redacted Signature]

[Redacted Signature]

Director **OR** 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
 - 1.2.3 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 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 Without prejudice to the approved programme the Developer shall notify the Bridge Office and the Director in writing at least seventy-two (72) hours prior to the commencement of each and every stage of excavation and concrete operations associated with any Highway Structures
- 3.4 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

- 3.5 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
- 3.6 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
- 3.7 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 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 In relation to Highways Structures the Director will require a schedule of testing to be agreed prior to the commencement of works or any part thereof
- 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 to include a separate Health and Safety File for each Highway Structure

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 No work on Highway Structures shall commence until the general Health

and Safety file information including format to be supplied in respect of Highway Structures has been agreed with the County Council's Bridge Engineer and shall accord with the County Council's current Technical Approval Procedure for Highway Structures

- 13.8 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 / PERFORMANCE CASH DEPOSIT

- 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	2,011.08
Footways	6,525.00
Drainage	710.00

Verges, Trees and Street Furniture	239.68
------------------------------------	--------

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
- 19.1.7 In cases where it may be necessary to enter into a Section 4 or 6 agreement under the Highways Act 1980, the cost of inspecting each and all of the Highway Works on behalf of National Highways, the cost of checking the design of each and all of the Highway Works on behalf of National Highways, the cost of any National Highways fees, and the reasonable cost of County Council administrative and legal fees, which sums shall be payable prior to the sealing of this Agreement
- 19.1.8 the whole of the costs of the County Council in connection with surveying and assessing the land upon which the Highway Works are to be constructed and land in the vicinity of the Highway Works as deemed necessary by the County Council in order to provide the Compensation Figure for the Compensation Bond, and these costs shall be payable prior to sealing of this Agreement

20 PARTS I AND II OF THE LAND COMPENSATION ACT 1973

Part I Claims - Depreciation Caused By Public Work

- 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

01714/24

HOWARD KENNEDY

Dated 21st January 202~~4~~5

MATTHEW HOMES LIMITED

- and -

NHBC

PERFORMANCE BOND

- relating to -

the development of land at Meadow Lane, Thurston, Suffolk

Ref: 081200.00411
Doc ID: 62979159.1

No. 1 London Bridge | T: +44(0)20 3755 6000 | DX 144370 Southwark 4
London SE1 9BG | F: +44(0)20 3650 7000 | www.howardkennedy.com

Howard Kennedy LLP (registered in England and Wales OC361417) is authorised and regulated by the Solicitors Regulation Authority (number 557188). Our registered office is at No. 1 London Bridge London SE1 9BG.



BY THIS BOND

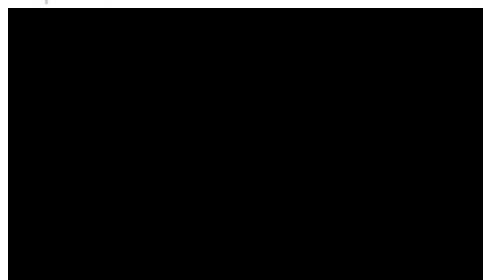
MATTHEW HOMES LIMITED of Pendragon House, 65 London Road, St Albans, AL1 1LJ ("the Developer") and **NHBC** ("the Surety") are held and firmly bound to **SUFFOLK COUNTY COUNCIL** of Endeavour House 8 Russell Road Ipswich Suffolk IP1 2DH ("the County Council") in the sum of £82,990.85 (Eighty-two thousand, nine hundred and ninety pounds, and eighty-five pence) 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 21st day of January Two thousand and twenty~~four~~five

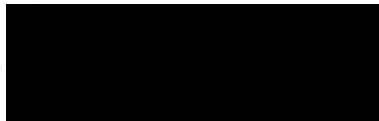
1. The Developer has entered into an Agreement under seal with the County Council of even date made under Section 278 of the 1980 Act whereby the Developer undertook at its own expense to carry out works as set out in Schedule III of the said Agreement and shown in the Works Drawings annexed to the said 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)
MATTHEW HOMES LIMITED)
acting by [REDACTED], a director and)
[REDACTED] a director OR secretary



SIGNED as a **DEED** by)
[] as attorney for **NATIONAL**)
HOUSE BUILDING COUNCIL under a Power of)
Attorney dated [23rd May 2024])



.....

As attorney for National House Building
Council
in the presence of:

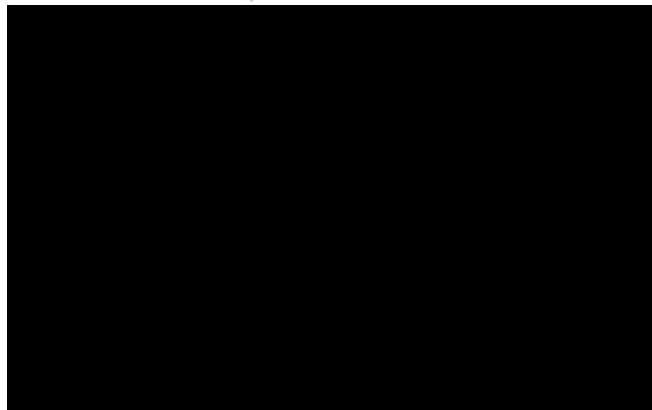
Senior Portfolio Underwriter

Witness' signature:

Witness' name (in capitals):

Witness' address (in capitals):

Witness' occupation (in capitals):



SCHEDULE II.A

Performance Bond Agreement

DATED 21st January 202~~4~~⁵

MATTHEWS HOMES LIMITED (1)

- and -

NHBC (2)

PERFORMANCE BOND

relating to the development of land at Meadow Lane, Thurston, Suffolk

BY THIS BOND MATTHEW HOMES LIMITED of Pendragon House, 65 London Road, St Albans, AL1 1LJ ("the Developer") and

NHBC ("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 £82,990.85 (Eighty-two thousand, nine hundred and ninety pounds, and eighty-five pence 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 *21st* day of *January* Two thousand and twenty-~~four~~ *five*

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

36

SCHEDULE II.B – NOT USED

SCHEDULE III

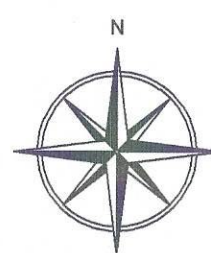
The Highways Works comprising the following works:

<u>Location</u>	<u>Works</u>	<u>Delivery Programme</u>
North Road, Thurston	Construction of new residential access and associated footway works	The Highways Works are to be commenced within 12 months' of the date of this Agreement, and completed within 3 months' of commencement

SCHEDULE IV

Approved List of drawings

	Title	Drawing number
1.	Section 278 Agreement Plan A1	23-035-329-T4
2.	Adoptable Road Construction Details (S278) A1	23-035-330-T2
3.	Section 278 Surface Finishes Plan A1	23-035-331-T2
4.	Section 278 Longitudinal Sections A1	23-035-332-T1
5.	Section 278 Site Clearance Plan A1	23-035-333-T3
6.	Thurston Meadow Ln S38 Ph2 – Approved Street Lighting 3 rd Jun 24	



SECTION 278 LEGEND

Carriageway

Footways & Vehicular Crossovers

Land to be dedicated

Verge

Highway Gully & Connection

Road Name Plate

Site boundary

Section 278 Extent

Highway Boundary

Road Sign (relocated existing Road Hump sign)

- No Dimensions are to be scaled from this drawing.
- NOTES**
1. All details are based on the Topographical Survey by Randall Surveys Ltd LLP. Drg. Nos. 13619/GN/1 to 13619/GN/3 dated July 2015. Survey grid and Datum to the Ordnance Survey National Grid co-ordinates based on national GPS network.
 2. All works carried out in the Public Highway are to be carried out in accordance with the Suffolk County Council specification to the satisfaction of the Highways Engineer.
 3. For details of adoptable Highway Works, refer to the Adoptable Road Construction Details, Drg. 23-035/19 & 320.
 4. The contractor is responsible for obtaining all necessary licences for works in the Public Highway.
 5. If the CBR value for the sub grade is found to be less than 3%, the in situ measured value must be reported to Withers Design Associates Ltd for further advice.
 6. For details of all Private Hard Landscaping works, refer to the External Works drawings by BDG Design (SOUTH) Ltd, Drg. No. 15-033/102 and associated Construction Details by Withers Design Associates provided on Drgs. 23-035/321 & 322.
 7. For Setting Out details refer to Drgs. 23-035/300 to 304 (Building Setting Out) & 305 (Road Setting Out).
 8. All necessary pedestrian and traffic management to be employed and agreed with the highway authority prior to works and be in accordance with Chapter 8 of the Traffic Signs Manual.
 9. All other highway works outside the Development Phase Boundary are to be in accordance with the latest versions of Suffolk County Council standard details inclusive of highway lighting & drainage.
 10. Continuity of access to occupied areas to be maintained to the satisfaction of the Suffolk County Council Engineer during any works within the Public Highway. The Developer/Contractor is to provide suitable and effective means of wheel washing facilities to prevent mud from being conveyed on to the Public Highway and to provide the means to clean the highway to the satisfaction of the Suffolk County Council Highways Engineer.
 11. Any soft spots within the proposed Highway shall be dug out and backfilled with Type 1 granular sub base material in 150mm (max.) compacted layers.
 12. Any damage caused to the existing highways during the course of construction works to be replaced as directed by and to the satisfaction of the Suffolk County Council Highways Engineer.
 13. No concrete to be poured or laid at temperatures below 2°C on a falling max/min thermometer or before temperatures reaches 2°C on a rising max/min thermometer.
 14. All fill material up to foundation level of the proposed highways to be approved and compacted in layers as directed and to the satisfaction of the Highways Inspector.
 15. All redundant connections in existing manholes/ chambers that are affected by the works shall be sealed and the benching made good.
 16. Any existing live drains, sewers, ducts, cables etc. that will pass under the proposed highway shall be surveyed, probed, traced, rodded, jetted, cut/d etc. to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highways Inspector or utility company involved.
 17. All road signs and markings to comply with the Traffic Signs Manual & road markings to be thermoplastic.
 18. Contractor to comply with Chapter 8 of the Traffic Signs Manual 2009.
 19. Highway Inspector to approve all kerb and/or edging line and level on site with the main contractor prior to installation. The Highway Inspector will direct the contractor accordingly to achieve a satisfactory finish which may deviate from the technically approved drawings. The contractor will record all variances for the 'as built' drawings issue.

All Roads & Drainage Works
Subject to Technical Approval

REVISIONS			
T1	Tender Issue	26/02/24	jy
T2	New off-site survey added and off-site footways/ junction adjusted to suit.	26/04/24	nas
T3	Dimensions added. Tactile paved crossing point positions revised. Existing Road Hump sign shown to be relocated. Relocated position of existing road sign indicated (RS1). Highway boundary added. Charnages added.	04/06/24	nas
T4	S278 Road gullies identified. Location of first road gullies in Section 38 area identified. Tactile paving arrangement revised Rylands Close. Verge added Rylands Close. Verge added Meadow Lane. Legend revised.	13/06/24	nas

WITHERS
DESIGN ASSOCIATES

CIVIL ENGINEERING & INFRASTRUCTURE DESIGN

Unit 12, Wakes Hall Business Centre
Wakes Colne, Colchester, Essex
CO6 2DY
01206 247081

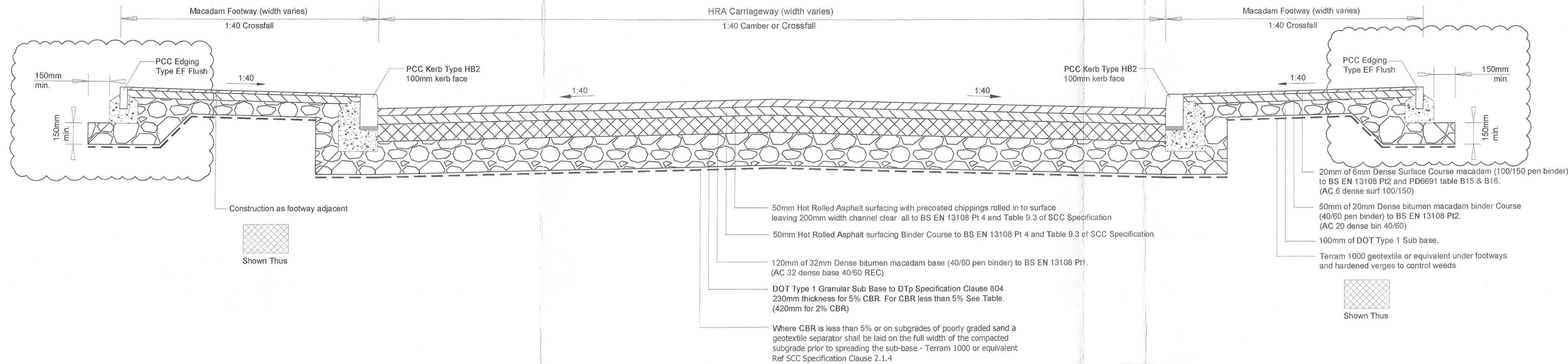
PROJECT
**MEADOW LANE, THURSTON
SUFFOLK**

CLIENT

Matthew Homes

DRAWING TITLE
SECTION 278 AGREEMENT PLAN

SCALE	DATE	INT	CHKD
1:500@A1	01/24	jy	mjlw
STATUS			
Tender			
DRG NO	REVISION		
23-035/329	T4		



NOTE
THIS DRAWING IS FOR GUIDANCE ONLY.
REFER TO SUFFOLK COUNTY COUNCIL SPECIFICATION FOR
ESTATE ROADS (MAY 2007) FOR FULL REQUIREMENTS

*NOTE: Sub-base and capping layer thickness is subject to insitu CBR tests but above construction is based on a CBR value of 5%.

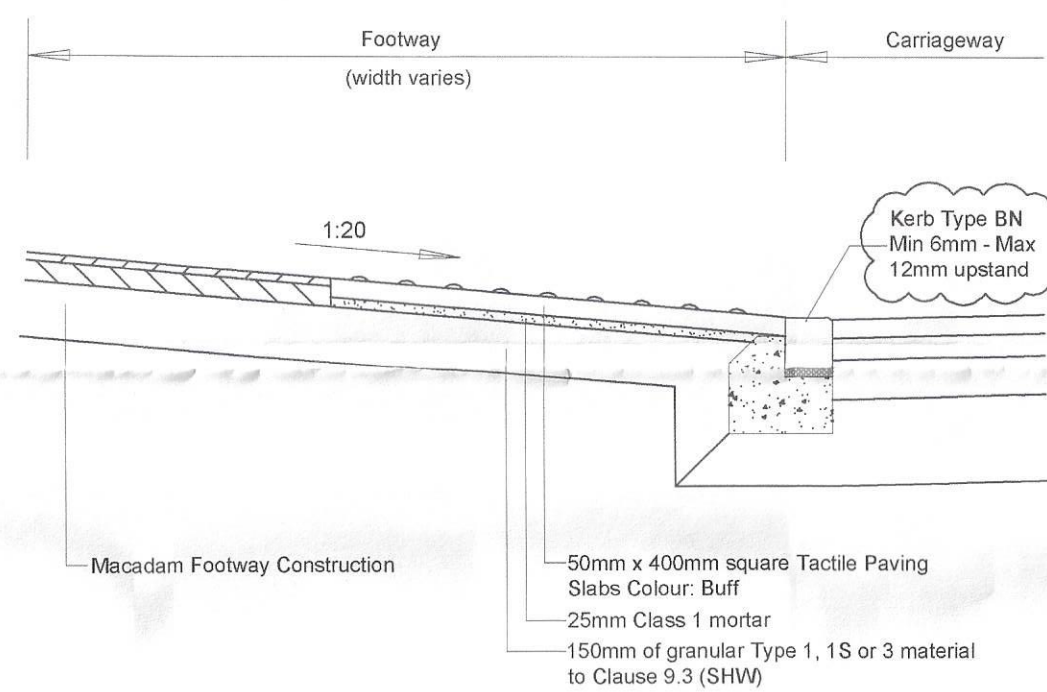
SECTION THROUGH HOT ROLLED ASPHALT CARRIAGEWAY

Scale 1:20

Ref Suffolk CC Specification for Estate Roads - May 2007 for a Minor Access Road

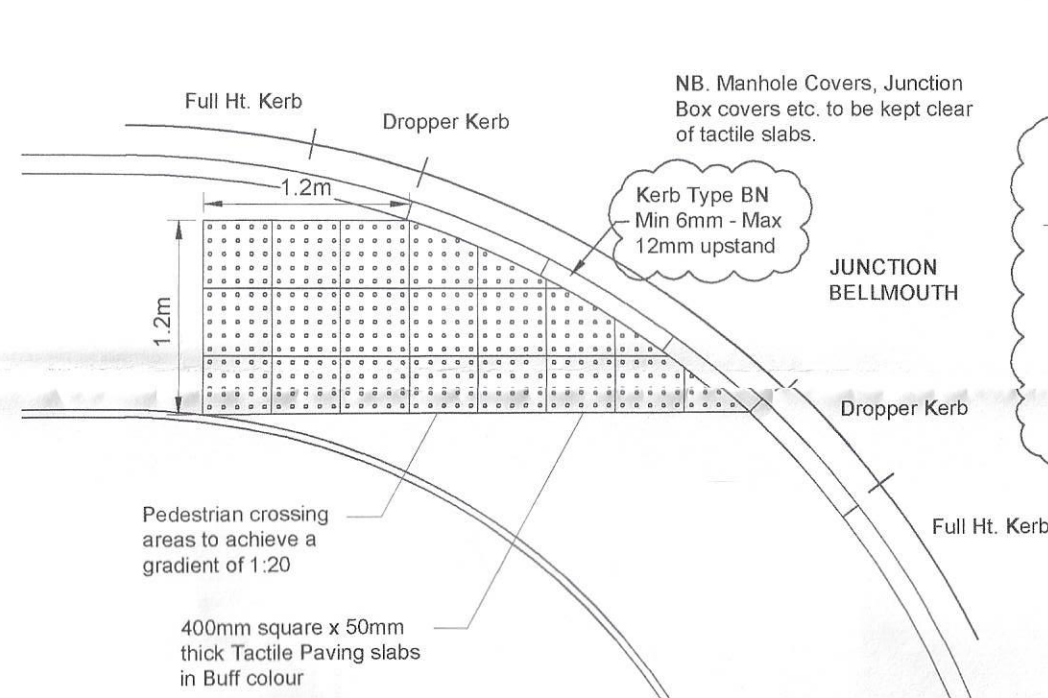


Shown Thus



SECTION THROUGH TACTILE PAVED CROSSING

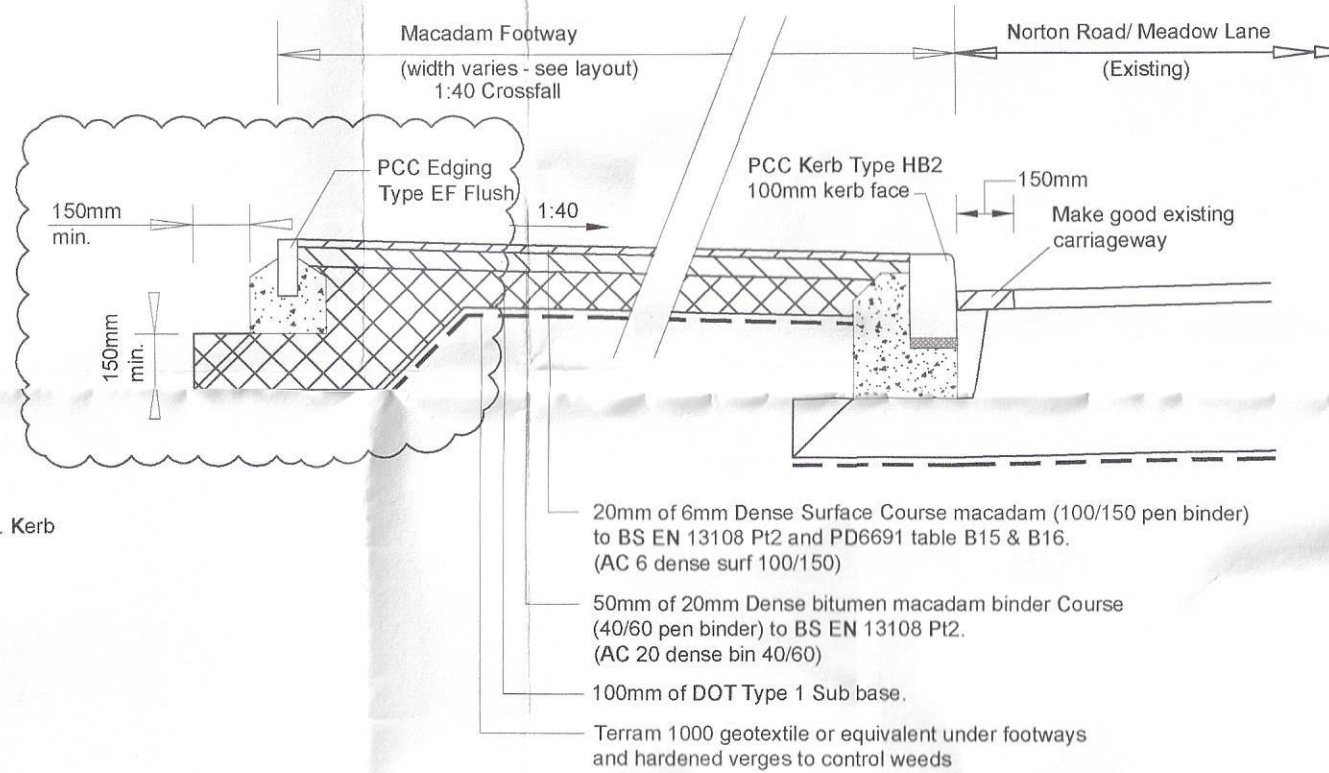
Scale 1:20



IN-LINE CROSSING

TACTILE PAVED PEDESTRIAN/PRAM CROSSINGS

NTS

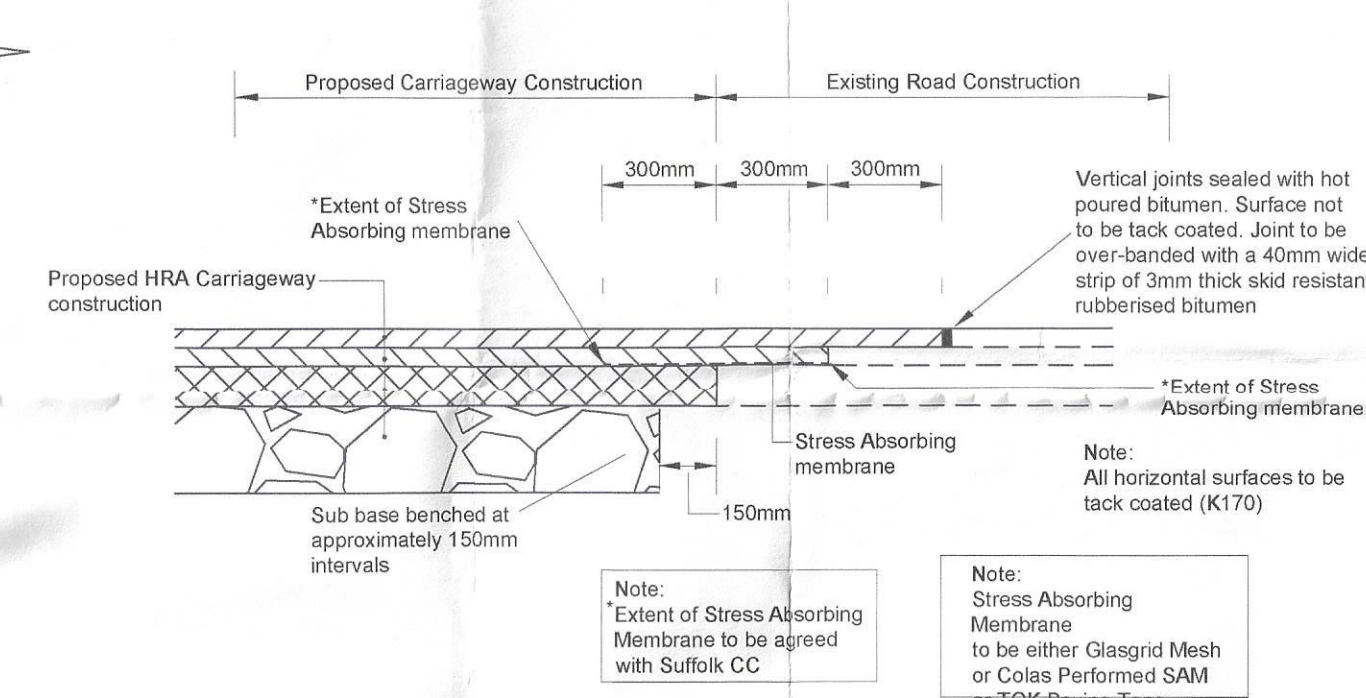


SECTION THROUGH 1800mm FOOTWAY (NORTON ROAD)

Scale 1:20



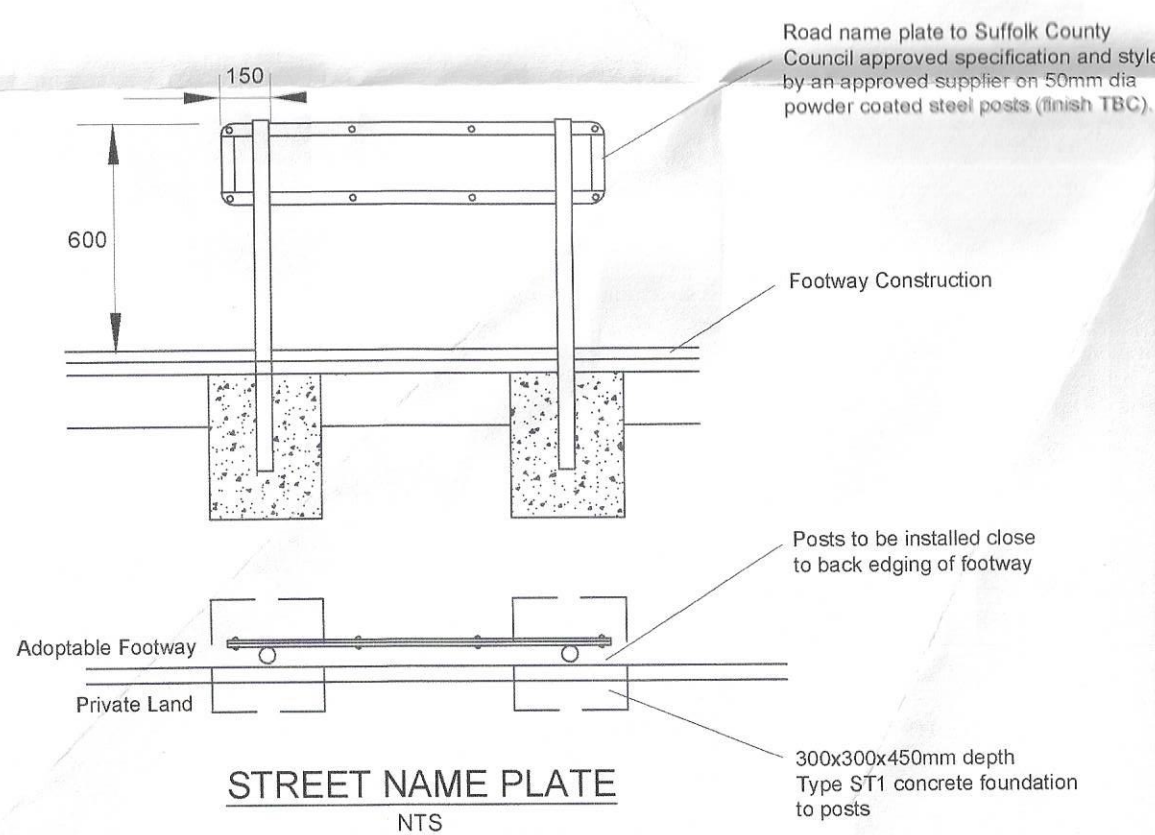
Shown Thus



JOINT TO EXISTING CARRIAGEWAY DETAIL

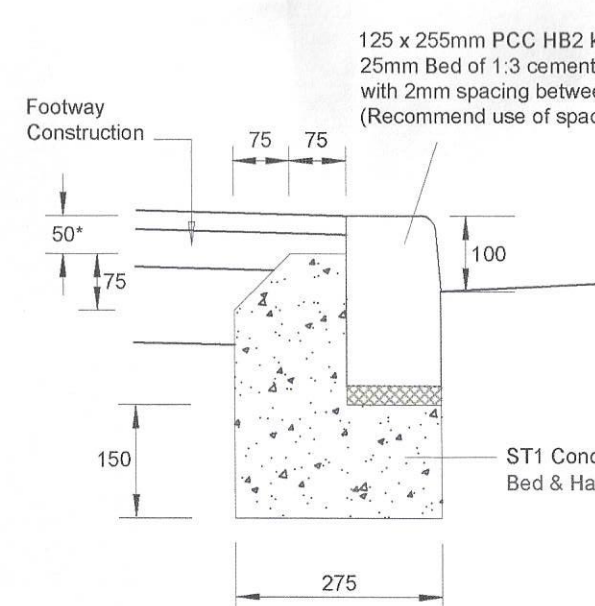
(3 Step Tie In)

Scale 1:20



STREET NAME PLATE

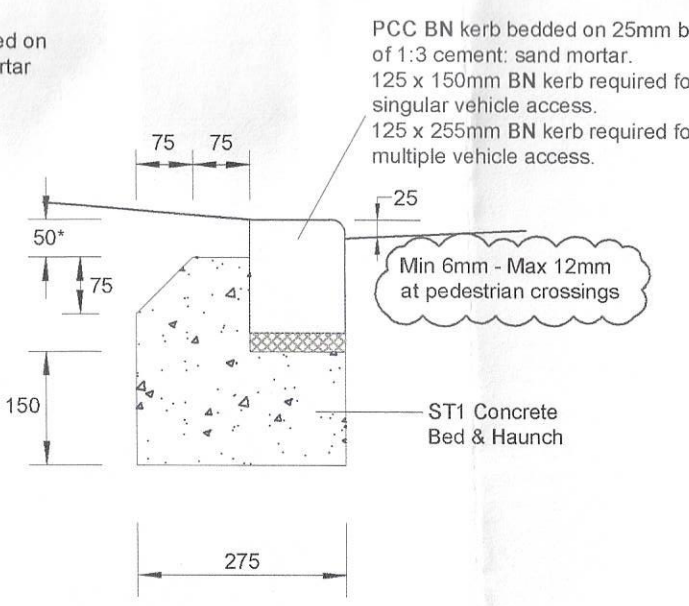
NTS



KERB TYPE HB2

Scale 1:10

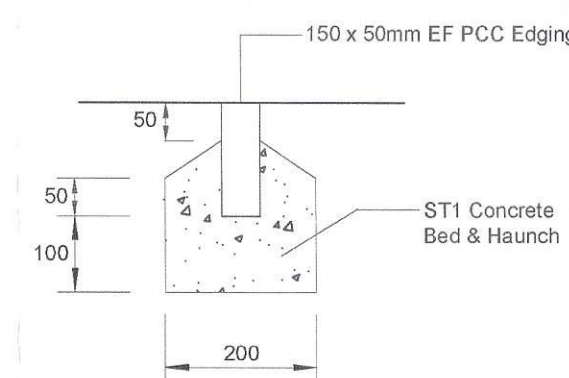
* = increase if necessary to accommodate block paving



KERB TYPE BN

Scale 1:10

* = increase if necessary to accommodate block paving



PCC EDGING TYPE EF

Scale 1:10

No Dimensions are to be scaled from this drawing.

NOTES

- All dimensions in millimetres unless stated otherwise.
- Adoptable road construction to be in accordance with the Suffolk County Council Specification for Estate Roads and to be in accordance with Suffolk County Council requirements.
- Design CBR to be assumed as 4.5 - 5% but road construction depth to be maintained at 450mm minimum to avoid influence from frost susceptibility.
- CBR tests will be required at formation level at 30m centres and where soil at formation level changes noticeably, to determine required depths of sub base and nature of geotextile required (if any).
- Any fill required over consolidated natural ground under adoptable areas is to be to the Suffolk Highways Specification for capping layer unless otherwise agreed with Suffolk Highways.
- All Works on and in vicinity to Public Highway to be in accordance with the requirements of Suffolk Highways subject to Notice under the New Road and Street Works Act and traffic management, and is to be carried out and supervised by appropriately accredited personnel.
- Purpose made radius kerbs are to be used where kerbline radius is 12m or less.
- Block paving is to be laid to BS7533 Part 3: Code of Practice for laying precast concrete paving blocks and clay paviors for flexible pavements.
- Sand bedding is to be in accordance with Clause 11 Table D1 BS7533.3 + A1:2009.
- The formation of all external paving is to be proof rolled and any soft spots to be removed & replaced with well compacted DOT Type 1 granular sub base material.
- The Contractor is to inform the design team if excavated strata differs from that identified in the soils reports.
- All private shared surfaces accessible to large vehicles and for Fire and Refuse Truck access are designed to withstand 20 Tonne (min) vehicle loads. Areas accessible for Fire Tender access are in excess of 3.7m width and height clearance.
- Sub base is to be DOT Type 1 granular material to MCHW Specification Clause 803 except where shown otherwise and is comply with the requirements of the Suffolk Specification for Estate Roads Clause 9.3. Sub base thicknesses where CBR values are less than 5% are to be as Table 1 below and Note 3 above.
- All unbound material to be Clegg tested. DOT1 is to achieve 30% CBR. Granular and bituminous materials to be tested in accordance with the appropriate British Standards.
- All ironwork within the carriageway to have 150mm deep frame. (manhole covers, gully grates etc).

TABLE 1: SUB-BASE THICKNESS

Where CBR values of subgrade are less than 5%, the following sub-grade thicknesses plus geotextile will be required:

CBR Value	Minor Access Road	Shared Surface Road
<2%	n/a	n/a
2%	420mm	370mm
3%	320mm	280mm
4%	250mm	225mm

For CBR's of less than 2% seek further guidance. Ref: Table 9.2 of SCC Estate Road Specification, May 2007

REVISIONS

T1	Tender Issue	26/02/24 jy
T2	Footway sub base extended beneath edgings. Kerb upstand revised for tactile crossings.	26/04/24 nas

WITHERS
DESIGN ASSOCIATES
CIVIL ENGINEERING & INFRASTRUCTURE DESIGN
Unit 12, Wakes Hall Business Centre
Wakes Colne, Colchester, Essex
CO4 2DY
01206 247081

PROJECT
MEADOW LANE, THURSTON SUFFOLK

CLIENT

Matthew Homes

DRAWING TITLE
ADOPTABLE ROAD CONSTRUCTION DETAILS (S278)

SCALE	DATE	INT	CHKD
As Shown@A1	01/24	jy	mjw
STATUS	Tender		
DRG NO	23-035/330	REVISION	T2



No Dimensions are to be scaled from this drawing.

LEGEND

Adoptable HRA Road Construction
See dtp. 23-035/19 & 320

Adoptable Macadam Footway/ Vehicle
Crossover Construction.
See dtp. 23-035/19 & 320

Tactile Paved Pedestrian Crossing Point
HB2 Keel (100mm upstand)
BN Dropped Kerb - Min 6mm - Max 12mm to
pedestrian/tactile crossings.
150 x 35mm PCC EF Flat Top edging Set Flush to
adjacent Surfacing

Adoptable Street Lighting

Highway Boundary

REVISIONS			
T1	Tender Issue	25/04/24	nas
T2	Tactile paved crossing point positions revised. Existing Road Hump sign repositioned (Sign RS1). Highway boundary added. Legend revised.	04/06/24	nas

All Roads & Drainage Works
Subject to Technical Approval

WITHERS
DESIGN ASSOCIATES

CIVIL ENGINEERING & INFRASTRUCTURE DESIGN

Unit 12, Wakes Hall Business Centre
Wakes Colne, Colchester, Essex
CO6 2DY
01206 247081

PROJECT
**MEADOW LANE, THURSTON
SUFFOLK**

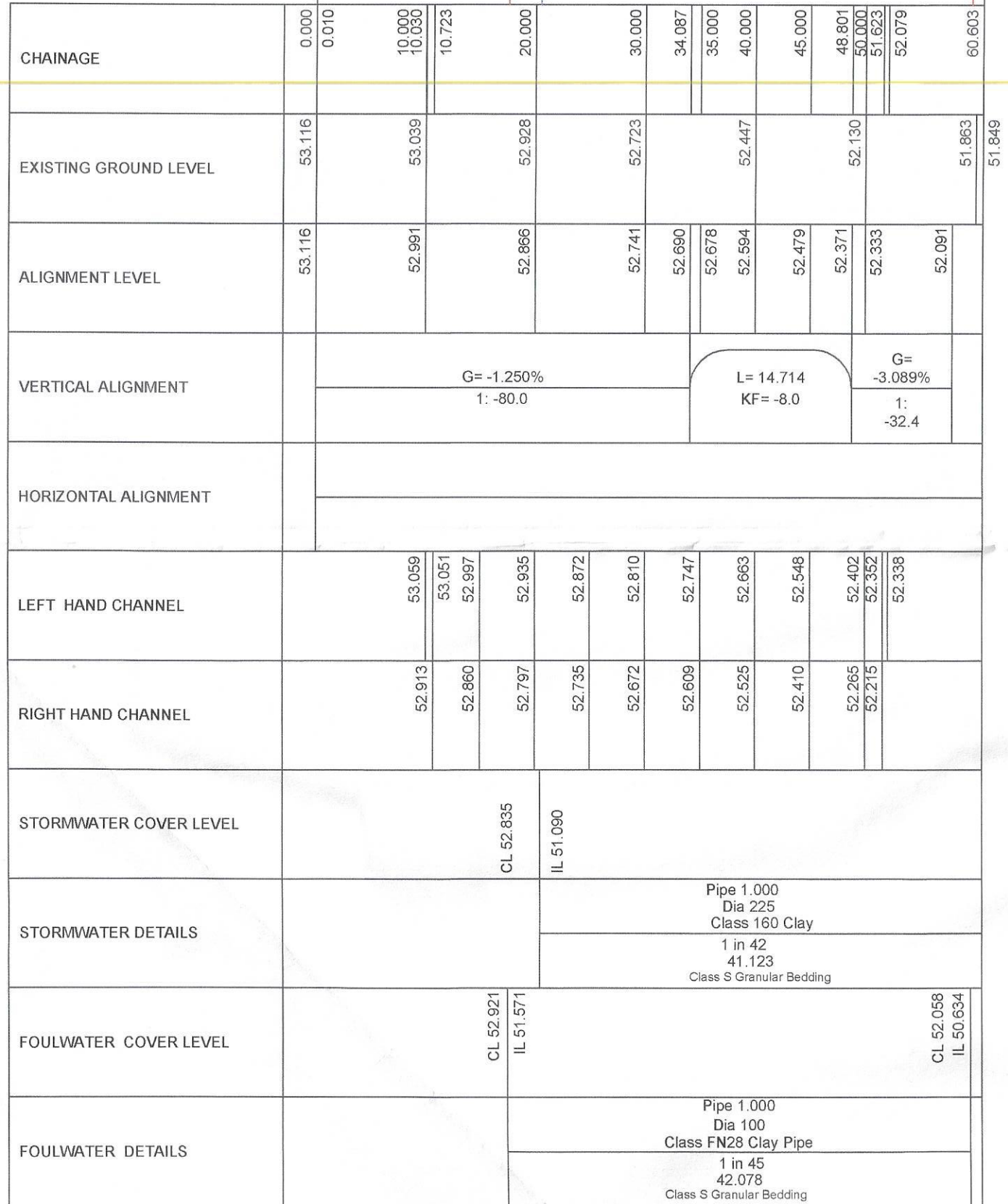
CLIENT



DRAWING TITLE
SECTION 278 SURFACE FINISHES

SCALE	DATE	INIT	CHKD
1:500@A1	01/24	jy	mjw
STATUS			
Tender			
DRG NO	REVISION		
23-035/331	T2		

Horiz. Scale - 1:500
Vert. Scale - 1:100



Horiz. Scale - 1:500
Vert. Scale - 1:100

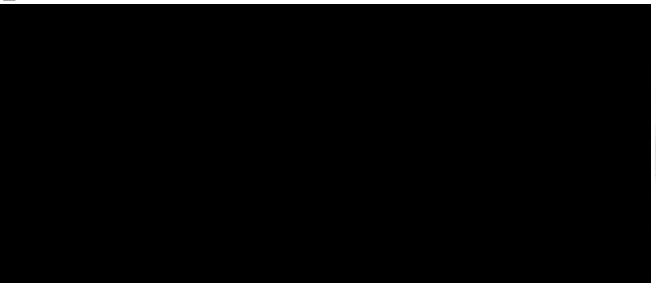


Notes:

- ## Pipe Classes

REVISIONS

/04/24 nas



OW LANE, THURSTON
OLK



Matthew Homes

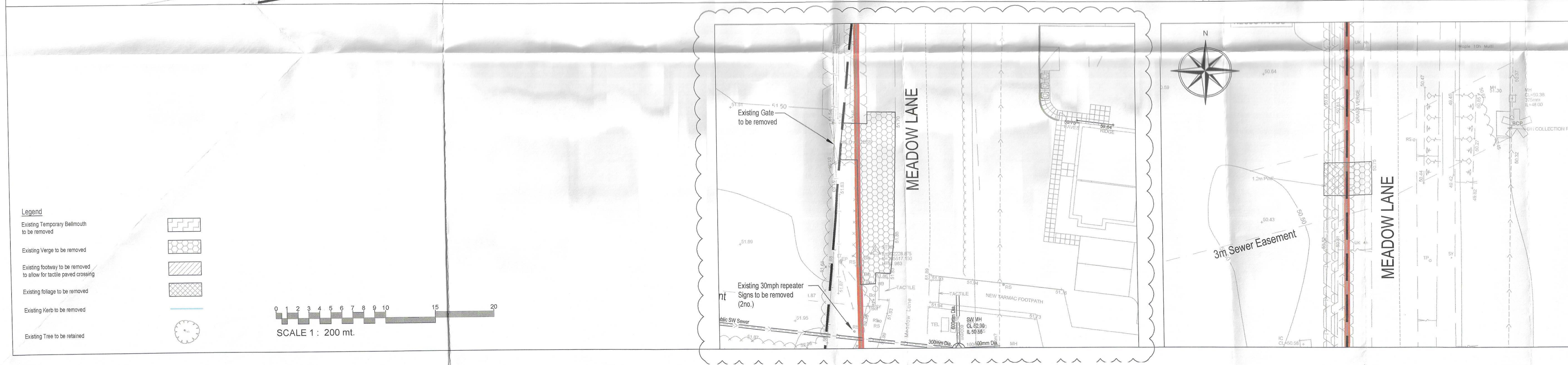
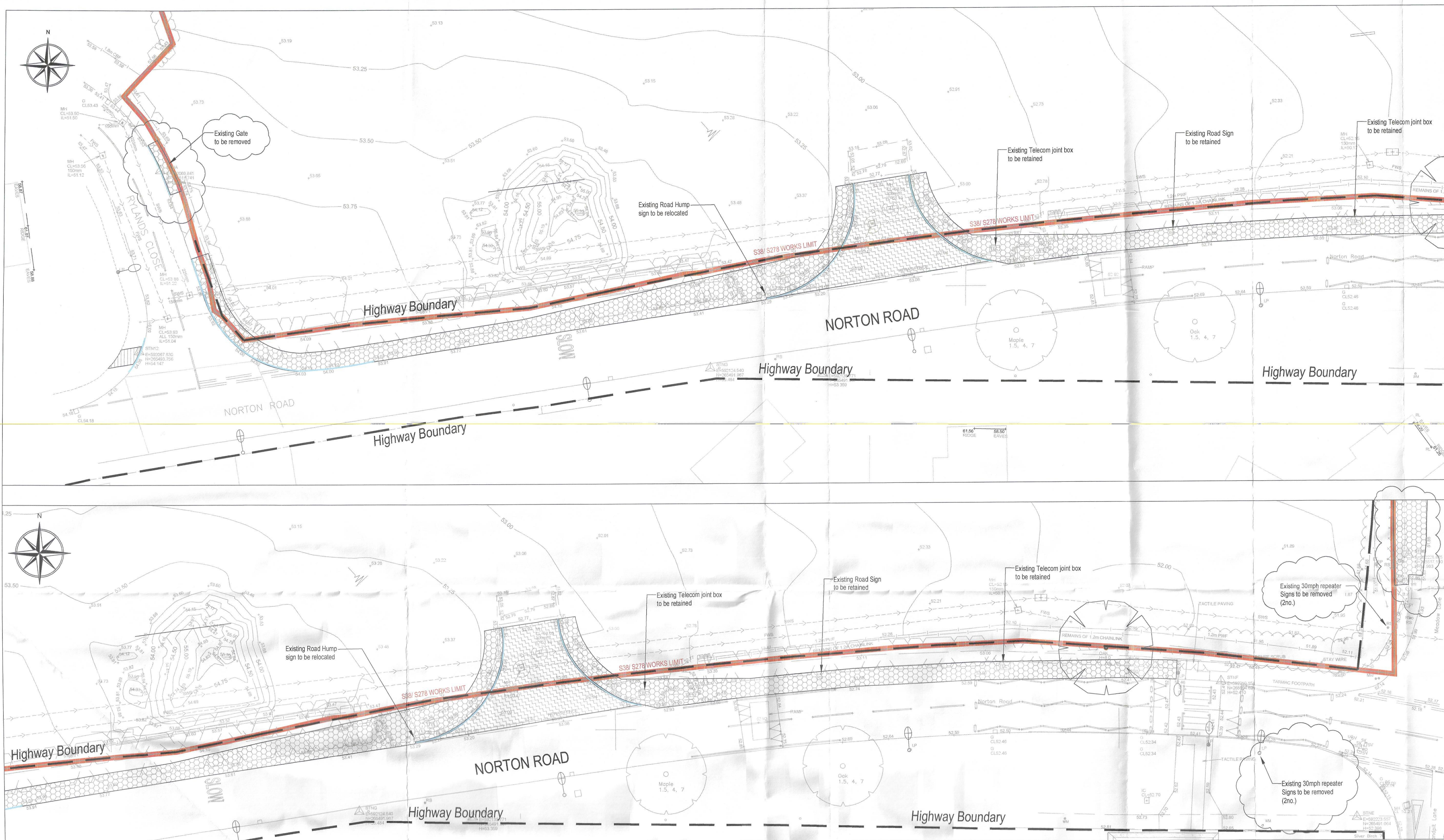
SECTION 278 ROAD & SEWER LONGITUDINAL SECTIONS

STATUS

Tender

DISCUSSION

1



No Dimensions are to be scaled from this drawing.

NOTES

- All details are based on the Topographical Survey by Randal Surveys Ltd LLP Drg. Nos. 13618/GN1 to 13618/GN5 dated July 2015. Survey grid and Datum to the Ordnance Survey National Grid co-ordinates based on national GPS network.
- All works carried out in the Public Highway are to be carried out in accordance with the Suffolk County Council specification to the satisfaction of the Highways Engineer.
- The contractor is responsible for obtaining all necessary licences for works in the Public Highway.
- All necessary pedestrian and traffic management to be employed and agreed with the highway authority prior to works and be in accordance with Chapter 8 of the Traffic Signs Manual.
- All other highway works outside the Development Phase Boundary are to be in accordance with the latest versions of Suffolk County Council standard details inclusive of highway lighting & drainage.
- Continuity of access to occupied areas to be maintained to the satisfaction of the Suffolk County Council Engineer during any works within the Public Highway.
- Any damage caused to the existing highways during the course of construction works to be replaced as directed by and to the satisfaction of the Suffolk County Council Highways Engineer.
- All redundant connections in existing manholes/ chambers that are affected by the works shall be sealed and the benching made good.
- Any existing live drains, sewers, ducts, cables etc. that will pass under the proposed highway shall be surveyed, probed, traced, marked, jotted, ccd's etc. to ascertain their structural condition and suitability to fall within the new highway. If deemed necessary, special protection and/or replacement may be required as directed and to the satisfaction of the Highways Inspector or utility company involved.

All Roads & Drainage Works Subject to Technical Approval

REVISIONS	Tender Issue	25/04/24	nas
T1	Highway boundary added. Extent of existing footway to be removed to allow for tactile paving revised (Rylands close)	04/06/24	nas
T2	Existing road sign to be relocated identified.		
T3	Existing 30mph repeater signs shown to be removed. Existing verge kerbs to be removed in Rylands Close indicated. Area of verge to be removed indicated Meadow Lane. Existing gates to be removed indicated. Insert added for Meadow Lane.	13/06/24	nas

WITHERS
DESIGN ASSOCIATES
CIVIL ENGINEERING & INFRASTRUCTURE DESIGN
Unit 12, Wakes Hall Business Centre
Wakes Colne, Colchester, Essex
CO6 2DY
01206 247081

PROJECT
**MEADOW LANE, THURSTON
SUFFOLK**

CLIENT

Matthew Homes

DRAWING TITLE
**SECTION 278
SITE CLEARANCE PLAN**

SCALE	DATE	INIT	CHKD
1:200@A1	04/24	nas	mjw
STATUS			
Tender			
DRG NO	23-035/333		REVISION
		T3	

STREET LIGHTING LEGEND:-

EXISTING STREET LIGHTING COLUMNS TO REMAIN

SUPPLY AND INSTALL NEW 6M GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOT AND 1NO. POST TOP MOUNTED C U PHOSCO 58W 28LED 2.87KM (HIGH POWER VERSION) 4200K 18W WARM WHITE (3000K) LED LANTERN WITH P4P OPTIC SETTING, COMPLETE WITH DIMMABLE ELECTRONIC CONTROL GEAR, FACTORY FITTED 7-PIN NEMA SOCKET, 1-PART PHOTOCELL, #TELENSA TELECELL UNIT) AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF COLUMN.

SUPPLY AND INSTALL NEW 6M GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOT AND 1NO. POST TOP MOUNTED C U PHOSCO 58W 28LED 2.87KM (HIGH POWER VERSION) 4200K 18W WARM WHITE (3000K) LED LANTERN WITH P4P OPTIC SETTING, COMPLETE WITH DIMMABLE ELECTRONIC CONTROL GEAR, FACTORY FITTED 7-PIN NEMA SOCKET, 1-PART PHOTOCELL, #TELENSA TELECELL UNIT) AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF COLUMN.

SUPPLY AND INSTALL NEW 6M ABACUS T061RL58BG BASE HINGED GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOT, FLUSH ACCESS DOOR AND SECURITY BOLT ALL TO CURRENT SCC SPECIFICATIONS AND 1NO. POST TOP MOUNTED C U PHOSCO 58W 28LED 2.87KM (HIGH POWER VERSION) 4200K 18W WARM WHITE (3000K) LED LANTERN WITH P4P OPTIC SETTING, COMPLETE WITH DIMMABLE ELECTRONIC CONTROL GEAR, FACTORY FITTED 7-PIN NEMA SOCKET, 1-PART PHOTOCELL, #TELENSA TELECELL UNIT) AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF COLUMN.

NOTE: TELENSA TELECELLS AND SUFFOLK COUNTY COUNCIL IDENTIFICATION NUMBER PLATES ARE TO BE SUPPLIED AND INSTALLED ON ALL STREET LIGHTING LANTERNS AND ILLUMINATED SIGNS BY SCC'S INCUMBENT STREET LIGHTING CONTRACTOR, UPON ADOPTION, AT DEVELOPERS EXPENSE. (APPROXIMATELY £148 PER LIGHTING UNIT).

PLEASE ENSURE CORRECT LANTERNS ARE INSTALLED ON CORRECT COLUMNS AS PER SPECIFICATION ABOVE.
A COPY OF THIS DRAWING IS TO BE ISSUED TO THE APPOINTED STREET LIGHTING CONTRACTOR AT ALL TIMES.

STREET LIGHTING NOTES:-

- 1) ALL NEW STREET LIGHTING COLUMNS ARE TO BE INSTALLED WITHIN THE REAR OF THE FOOTPATH OR WITHIN THE REAR OF THE SERVICE STRIP UNLESS OTHERWISE INDICATED. VARIATIONS ARE TO BE INSTALLED WITHIN SERVICE STRIPS. IT IS STRONGLY ADVISED THAT THE POSITIONS OF THE PROPOSED LIGHTING COLUMNS ARE MARKED AT AN EARLY STAGE USING STAKES OR PIPING OF A SIMILAR DIAMETER TO THAT OF THE LIGHTING COLUMN BASE, SO AS TO ENSURE ADEQUATE SPACE FOR THE LIGHTING COLUMNS TO BE INSTALLED WHILST NOT BEING BLOCKED/IMPEDED BY OTHER SERVICES. INSTALLATION OF COLUMNS OUTSIDE OF SERVICE STRIPS WILL NOT BE ACCEPTED.
- 2) WHERE ROAD LIGHTING COLUMNS ARE TO BE INSTALLED, VERTICALLY THEY SHALL BE SET BACK FROM THE EDGE OF THE KERB / ROAD SURFACE SO THAT THE REAR OF THE COLUMN IS 1.0M BACK FROM THE KERB EDGE UNLESS OTHERWISE INDICATED. WHERE A LIGHTING COLUMN IS INSTALLED IN AN AREA WHERE THERE IS A HIGHWAY WIDENING, THE COLUMN SHALL BE INSTALLED THEREFORE WIDENING THE SERVICE STRIP AROUND THE COLUMN.
- 3) THE SYMBOLS FOR STREET LIGHTING COLUMNS AND ILLUMINATED SIGNAGE SHOWN ON THE DRAWING ARE NOT TO SCALE.
- 4) ALL NEW STREET LIGHTING COLUMNS AND ILLUMINATED SIGNS ARE TO HAVE DNO OR DNO STATUTORY MAINS ELECTRICITY SUPPLIES UNLESS OTHERWISE INDICATED.
- 5) NO TREES ARE TO BE PLANTED WITHIN 8M OF ANY NEW STREET LIGHTING COLUMNS TO ENSURE BLOCKING EFFECT ON LIGHTING COLUMNS IS MINIMISED.
- 6) IF NO LIGHTING COLUMNS HAVE BEEN PLANTED WITHIN 18 MONTHS OF THIS LIGHTING DESIGN BEING APPROVED, THE DESIGN SHOULD BE RE-SUBMITTED TO SUFFOLK COUNTY COUNCIL'S STREET LIGHTING DEPARTMENT FOR RE-CHECKING / RE-APPROVAL.
- 7) NO CHANGES TO THE POSITIONS OR SPECIFICATION OF ANY LIGHTING EQUIPMENT SHOWN ON THIS APPROVED STREET LIGHTING DRAWING SHOULD BE MADE WITHOUT PRIOR AUTHORISATION FROM THE APPROVING SUFFOLK COUNTY COUNCIL OFFICER MR NEIL EVANS OR IN THE APPROVING OFFICER'S ABSENCE, THE SUFFOLK COUNTY COUNCIL STREET LIGHTING MANAGER MR RICHARD WEBSTER.

STREET LIGHTING DESIGN
APPROVED
BY SUFFOLK COUNTY
COUNCIL'S
STREET LIGHTING
DEPARTMENT

SIGNED:- NEIL D. EVANS
DATED:- 3rd June 2024

APPROVAL VALID FOR 18 MONTHS FROM DATE INDICATED ABOVE

DRAWING NUMBER: SL01/0001/THURSTONMEADOWLNS38PH2