

DATED 28 FEBRUARY 2024

SUFFOLK COUNTY COUNCIL (1)

- and -

BLOOR HOMES LIMITED (2)

- and -

THE MASTER FELLOWS AND (3)
SCHOLARS OF THE COLLEGE OF THE
HOLY AND UNDIVIDED TRINITY WITHIN
THE TOWN AND UNIVERSITY OF
CAMBRIDGE OF KING HENRY THE
EIGHTH'S FOUNDATION

AGREEMENT

made pursuant to Sections 278 and 38 of the Highways Act 1980
and any other enabling power relating to
the development of land North of Walton High Street, Felixstowe Suffolk

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

Ref: FB/70707

**SECTION 278 AGREEMENT
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THIS AGREEMENT is made the 28th day of FEBRUARY 2024
BETWEEN the following parties :-

- (1) SUFFOLK COUNTY COUNCIL of Endeavour House 8 Russell Road Ipswich Suffolk IP1 2BX ("the County Council")
- (2) BLOOR HOMES LIMITED (company number 02162561) of Ashby Road, Measham, Swadlincote, Derbyshire, DE12 7JP ("the Developer")
- (3) THE MASTER FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY WITHIN THE TOWN AND UNIVERSITY OF CAMBRIDGE OF KING HENRY THE EIGHTH'S FOUNDATION of Trinity College, Trinity Street Cambridge, CB2 1TQ ("Trinity")

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
Charged Land	Means the part of the Site subject to the charge referred to in Recital (F)

“Commutated Sums”	Means the sum of £172,851.94 (one hundred and seventy-two thousand, eight hundred and fifty one pounds and ninety four 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.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 Figure”	Means the sum of £1,265,000.00 (one million, two hundred and sixty-five thousand 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 National Building Housing Council
"Permission"	Means the planning permission granted by Suffolk Coastal District Council dated 5 July 2016 granted with reference number DC/16/2778/OUT 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
"Section 6 Agreement"	Means an agreement entered into pursuant to Section 6 of the 1980 Act between the County Council and National Highways to facilitate the Trunk Road Works
"Site"	Means land situated at Land North Of Walton High Street Suffolk shown edged red for identification only on the attached plan no 60724/C/CR/001 Rev E, 60724/C/CR/002 Rev C, 60724/C/CR/03 Rev B and 60724/C/CR/004 Rev B
"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"	Means the standards necessary to ensure complete

- Standards” 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 £1,150,000.00 (one million, one hundred and fifty thousand pounds) (including the costs associated with statutory undertakers work and traffic management) agreed by the Director for carrying out the Contract by the Contractor
- “Trunk Road Works” Means the Highway Works in so far as they lie upon the A14 slip roads maintained by National Highways which are indicated EA165-EN-029 Rev E
- “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 SK405324
- (F) The Trinity has a registered charge dated 15 January 2021 over the part of the Site registered with Title Number SK405324
- (G) The Trinity is the registered proprietor with title absolute of the Site in so far as it is registered at the Land Registry under Title Number SK320465

- (H) The Developer and Trinity wish 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
- (I) 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 against the Developer's title
- 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, Constantine House 5 Constantine Road Ipswich IP1 2DH)
The Developer	Bloor Homes Limited Ashby Road Measham Swadlincote Derbyshire DE12 7JP marked for the attention of the Managing Director
Trinity	Trinity College, Trinity Street, Cambridge CB2 1TJ marked for the attention of the Senior Bursar

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 and on reasonable notice 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 Trinity and the Developer covenant and warrant 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 Trinity and the Developer to enter into this Agreement and to comply with the obligations set out at paragraph 14.3 of Schedule I other than as set out in the Recital to this Agreement

5.2 The Developer hereby covenants and undertakes with the County Council that from the date of this Agreement it will (unless otherwise agreed by the County Council) carry out and comply with the obligations set out in Schedule I and the details set out in Schedules III 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 Highways England
- 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 TRINITY CONSENT

- 6.1 Trinity acknowledges and declares that this Agreement has been entered into by the Developer with its consent and that the Charged Land shall be bound by the obligations contained in this Agreement PROVIDED THAT Trinity shall otherwise have no liability under this Agreement unless it takes possession of the Charged Land in which case it too will be bound by the obligations which relate to the Charged Land (and for the avoidance of doubt shall not be bound by obligations under clause 9) as if it were a person deriving title from the Developer to the Charged Land AND FURTHER PROVIDED THAT Trinity shall have no liability under this Agreement for breaches of any terms obligations contained in this Agreement committed or existing prior to Trinity taking possession of the Charged Land

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 ~~78.1~~^{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


ON BEHALF
OF ALL
PARTIES

9 SECTION 6 AGREEMENT

9.1 The Developer covenants with the County Council to undertake the Trunk Road Works in full accordance with the requirements of the Section 6 Agreement and any additional directions and requirements of National Highways (save in relation to clause 6 in the event of any conflict between this Agreement and the Section 6 Agreement in respect of the Trunk Road Works the Section 6 Agreement shall take priority)

9.2 Without prejudice to the generality of clause 9.1 above the Developer covenants to comply with clause 10 of the Section 6 Agreement and shall engage with statutory undertakers and undertake or fund such works as may be required as a result of the Trunk Road Works

9.3 The Developer covenants with the County Council to not do or permit to be done any act which may reasonably put the County Council in breach of the Section 6 Agreement



- 9.4 The Developer covenants to give the County Council all reasonable assistance required by the County Council to enable it to fulfil its obligations under the Section 6 Agreement without unreasonable delay
- 9.5 The Developer covenants with the County Council to indemnify it in full against any losses, claims or expenses arising out of:
- (a) Any breach of this clause 9 by the Developer;
 - (b) The indemnity given by the County Council to National Highways under clauses 2, 9 , 11 and 12 of the Section 6 Agreement;
 - (c) Any cost of reinstating the trunk road under clause 9 of the Section 6 Agreement;
 - (d) Any fees costs or expenses payable by the County Council to National Highways pursuant to clause 3 of the Section 6 Agreement; and
 - (e) Any other losses claims or expenses arising out of the Section 6 Agreement or the carrying out of the Trunk Road Works generally save to the extent such losses, claims or expenses can be attributed to the act or omission of the County Council.

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)



[Handwritten signature]

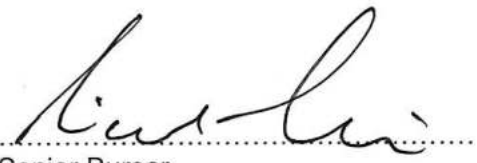
.....
 A Duly Authorised Officer


EMILY SPRINGFORD



EXECUTED as a DEED by affixing
the common seal of
THE MASTER FELLOWS AND)
SCHOLARS OF THE COLLEGE OF)
THE HOLY AND UNDIVIDED)
TRINITY WITHIN THE TOWN AND)
UNIVERSITY OF CAMBRIDGE OF)
KING HENRY THE EIGHT'S)
FOUNDATION in the presence of:




.....
Senior Bursar


.....
Junior Bursar Vice Master

EXECUTED AS A DEED by
BLOOR HOMES LIMITED
in the presence of:

Director:  **D.I.K. MEHTA**
DIRECTOR

Director/Secretary: 
Anthony Lowe
Authorised Signatory



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 Her 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



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part of the public highway shall be dedicated as highway under section 38 of the 1980 Act

14.4. Trinity hereby agrees that on the date of Substantial Completion that part of the Site that falls within Trinity's ownership 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

14.5. 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



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 that falls within the Developer's ownership 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. Trinity hereby agrees that on the date of Substantial Completion that part of the Site that falls within Trinity's ownership 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

14.5. 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

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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


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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

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);



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- 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
- 16.5 The Developer shall from the date of this Agreement on behalf of himself and his successors-in-title indemnify Trinity from and against all or any losses costs liabilities actions suits claims expenses damages and demands whatsoever suffered or incurred directly or indirectly by Trinity in respect of any failure by the Developer to comply with, or any breach by the Developer of, any or all of the obligations covenants or provisions of this Agreement.

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 to the Developer and Trinity (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


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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

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
29 VAT payable on the claimant's professional advisor's fees)


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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 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:

	£
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Carriageway	£ 90,205.50
Footways	£ 6,480.00
Street Lighting	£ 50,390.25
Drainage	£ 7,843.79
Traffic Signals	£ 8,510.00

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 and the Section 6 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

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.A

Performance Bond Agreement

DATED 28 FEBRUARY 2024

BLOOR HOMES LIMITED (1)

- and -

NATIONAL HOUSE BUILDING COUNCIL (2)

PERFORMANCE BOND

relating to the development of land North Of Walton High Street Suffolk

BY THIS BOND BLOOR HOMES LIMITED of Ashby Road, Measham, Swadlincote, Derbyshire, DE12 7JP ("the Developer") and **NATIONAL HOUSE BUILDING COUNCIL** of NHBC House, Davy Avenue, Milton Keynes, MK5 8FP ("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 £1,265,000.00 (one million, two hundred and ^{Sixty} ~~six~~ ^{five} thousand 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 affixed their respective Common Seals and delivered the same on but not before this day of 28 FEBRUARY 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

The COMMON SEAL of
BLOOR HOMES LIMITED
was hereunto affixed
in the presence of

[Handwritten signature]
[Handwritten signature]

)
)
)
)



Anthony Lowe
Authorised Signatory

Director

D.I.K. MEHTA
DIRECTOR
Secretary

Signed as a deed by *ALYCE HALE* as attorney for
National House-Building Council under a Power of Attorney
dated 28th September 2023

[Handwritten signature]
as attorney for National House-Building Council

Team Leader Bonds

In the presence of:

DANI CURRAN *[Handwritten signature]*

Name of Witness Witness Signature

Occupation Of Witness *ASSISTANT CURATOR*

Address of Witness NHBC House, Davy Avenue, Knowlhill,
Milton Keynes, Bucks MK5 8FP

SCHEDULE III

The Highways Works comprising the following works:

<u>Location</u>	<u>Works</u>	<u>Delivery Programme</u>
<u>Candlelet Road, Felixstowe</u>	<u>Construction of new roundabout to serve new development to the south of Candlelet Road and associated works</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

	Title	Drawing number
1.	General Arrangement 1	60724/C/CR/001 Rev E
2.	General Arrangement 2	60724/C/CR/002 Rev C
3.	General Arrangement 3	60724/C/CR/003 Rev B
4.	General Arrangement 4	60724/C/CR/004 Rev B
5.	Drainage layout 1	60724/C/CR/005 Rev B
6.	Drainage layout 2	60724/C/CR/006 Rev A
7.	Drainage layout 3	60724/C/CR/007 Rev A
8.	Surface Finishes 1	60724/C/CR/010 Rev D
9.	Surface Finishes 2	60724/C/CR/011 Rev C
10.	Surface Finishes 3	60724/C/CR/012 Rev C
11.	Kerb layout 1	60724/C/CR/015
12.	Kerb Layout 2	60724/C/CR/016 Rev A
13.	Kerb Layout 3	60724/C/CR/017 Rev A
14.	Visibility sheet 1	60724/C/CR/040 Rev C
15.	Visibility sheet 2	60724/C/CR/041 Rev C
16.	Visibility sheet 3	60724/C/CR/042 Rev C
17.	Construction details 1	60724/C/CR/060 Rev B
18.	Construction details 2	60724/C/CR/061 Rev B
19.	Construction details 3	60724/C/CR/062 Rev B
20.	Construction details 4	60724/C/CR/063 Rev B
21.	Construction details 5	60724/C/CR/064 Rev A
22.	Land Dedication 1	60724/C/CR/080 Rev A
23.	Land Dedication 2	60724/C/CR/081 Rev A
24.	Signs and Road Markings Sheet 1	60724/C/CR/029 Rev E
25.	Signs and Road Markings Sheet 2	60724/C/CR/030 Rev H
26.	Signs and Road Markings Sheet 3	60724/C/CR/031 Rev G
27.	Signs and Road Markings Sheet 4	60724/C/CR/032 Rev F
28.	Signs and Road Markings Sheet 5	60724/C/CR/033 Rev F
29.	Adoptable Work Extents Sheet 1	60724/C/CR/090 Rev B
30.	Adoptable Work Extents Sheet 2	60724/C/CR/091 Rev B
31.	Adoptable Work Extents Sheet 3	60724/C/CR/092 Rev B

32.	Highways Verge Landscaping	EA165-LS-013
33.	Approved lighting 7th Apr 21 16 th August 2022	SL0001/S278/CANDLETRABOU T



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STREET LIGHTING LEGEND:-

EXISTING HIGHWAYS ENGLAND OWNED LIGHTING COLUMNS TO REMAIN.
 SUPPLY AND INSTALL NEW 8M GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOF AND 14 WATTED STYLE OUTREACH BRACKET ARM MOUNTING 150 SIDE ENTRY THORN SMALL P22.5 4PKM AILED 3000A NEUTRAL WHITE 4000K LANTERN WITH WR OPTIC SETTING SET AT 0° TILT SURFACE COMPLETE WITH INTEGRAL DIMMABLE ELECTRONIC CONTROL GEAR AND FACTORY FITTED 7-PIN NEMA SOCKET, 1-PART PHOTOCELL & TELEMSA TELECELL UNIT AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF NEW COLUMN TO HAVE UPON STATUTORY MAINS ELECTRICITY SUPPLY.
 SUPPLY AND INSTALL NEW 8M GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOF AND 14 WATTED STYLE OUTREACH BRACKET ARM MOUNTING 150 SIDE ENTRY THORN SMALL P22.5 4PKM AILED 3000A NEUTRAL WHITE 4000K LANTERN WITH WR OPTIC SETTING SET AT 0° TILT WHEN MOUNTED ON BRACKET WITH 5° UP/TILT TO GIVE 5° RELATIVE TO ROAD SURFACE COMPLETE WITH INTEGRAL DIMMABLE ELECTRONIC CONTROL GEAR AND FACTORY FITTED 7-PIN NEMA SOCKET, 1-PART PHOTOCELL & TELEMSA TELECELL UNIT AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF COLUMN.
 SUPPLY AND INSTALL UPON STATUTORY MAINS ELECTRICITY SUPPLY.
 SUPPLY AND INSTALL NEW 8M GALVANISED TUBULAR STEEL LIGHTING COLUMN COMPLETE WITH GLASS FLARE ROOF, CUT DOWN TO APPROPRIATE HEIGHT FOR SIGN PLATE GROUND CLEARANCE, COMPLETE WITH SINGLE POST MOUNTED PHOTOCELL & TELEMSA TELECELL UNIT AND CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR IN BASE OF COLUMN TO HAVE UPON STATUTORY MAINS ELECTRICITY SUPPLY.
 RETRO-REFLECTIVE SIGN PLATE TO DIAGRAM NO 606 (STATUTORY SIGN) & CHARLES ENDIRECT L3 DOUBLE POLE ISOLATOR WITHIN BASE COMPARTMENT.
 INDICATIVE DUCT ROUTE SHOWING PRIVATE CABLE NETWORK CONSIST OF 100MM DIA. ORANGE DUCT MARKED STREET LIGHTING COLUMN TO ILLUMINATED SIGN POSTS ON ROUNDABOUT.
 NOTE: TELEMSA 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 INCIDENT STREET LIGHTING CONTRACTOR, UPON ADOPTION, AT DEVELOPERS EXPENSE, (APPROXIMATELY £15 PER LIGHTING UNIT).
 PLEASE ENSURE CORRECT LANTERNS ARE INSTALLED ON CORRECT COLUMNS AS PER SPECIFICATION ABOVE TO BE ISSUED TO THE APPOINTED STREET LIGHTING CONTRACTOR AT ALL TIMES.

SUPPLY AND INSTALL NEW UNILLUMINATED FUDGEY DIAMOND 'VBAROUL' RETRO-REFLECTIVE PLAIN FACED BOLLARD UNIT.
 SUPPLY AND INSTALL NEW UNILLUMINATED RISEY CHAMING 'VBAROUL' RETRO-REFLECTIVE BOLLARD UNIT COMPLETE WITH SINGLE ASPECT SIGN FACE TO DIAGRAM 610, (KEEP LEFT).

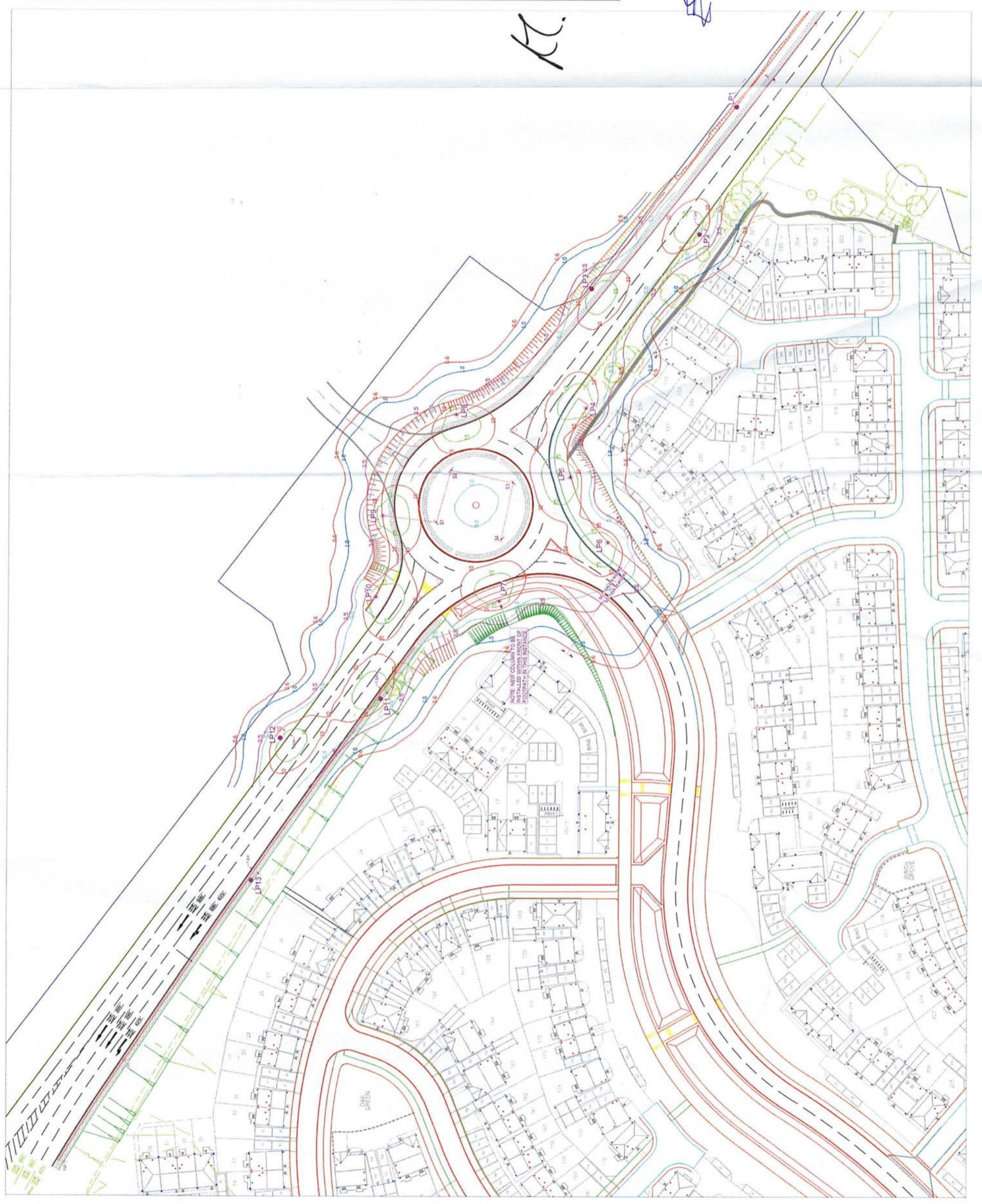
STREET LIGHTING NOTES:-

- 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.
- 2) WHERE ROAD LIGHTING COLUMNS ARE TO BE INSTALLED IN VERGE THEY SHALL BE INSTALLED AT THE EDGE OF THE KERB / ROAD SURFACE BY 1.5M UNLESS OTHERWISE INDICATED.
- 3) WHERE STREET LIGHTING COLUMNS ARE TO BE INSTALLED WITHIN THE VERGE COLUMNS TO BE 300mm CLEARANCE FROM THE VERGE (FACT BLACK RUBBERISED ANTI-TREMBLER COLLARS TO SCC SPECIFICATIONS).
- 4) ALL NEW STREET LIGHTING COLUMNS AND ILLUMINATED SIGNS ARE TO HAVE DND STATUTORY MAINS ELECTRICITY SUPPLIES UNLESS OTHERWISE INDICATED.
- 5) NO TREES ARE TO BE PLANTED WITHIN 1M OF ANY NEW STREET LIGHTING COLUMNS TO ENSURE NO SHADOWING EFFECT ON LIGHTING UNITS IS UNWISHED.
- 6) IF LIGHTING COLUMNS HAVE BEEN PLANTED WITHIN 18 MONTHS OF THE DATE OF ADOPTION, THE DESIGNER SHALL BE RESPONSIBLE FOR THE SUBMISSION OF A TREE MANAGEMENT PLAN TO THE APPROPRIATE OFFICERS OF SUFFOLK COUNTY COUNCIL'S STREET LIGHTING DEPARTMENT FOR THE OFFERING / 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 AUTHORIZATION FROM THE APPROVING SUFFOLK COUNTY COUNCIL OFFICERS. ANY CHANGES TO THE DRAWING SHOULD BE SUBMITTED TO THE OFFICE OF NEIL D. EVANS OR IN THE APPROVING OFFICERS ABSENCE, THE OFFICE OF SUFFOLK COUNTY COUNCIL'S STREET LIGHTING DEPARTMENT (BY EMAIL: STREET.LIGHTING@SUFFOLK.COUNCIL.NHSUK) FOR APPROVAL.

STREET LIGHTING DESIGN
 APPROVED BY SUFFOLK COUNTY COUNCIL'S STREET LIGHTING DEPARTMENT
 REVISED:-
 SIGNED:- NEIL D. EVANS
 DATED:- 16th August 2022
 APPROVAL VALID FOR 12 MONTHS FROM DATE INDICATED ABOVE

Handwritten signatures and initials:
 [Signature]
 [Signature]
 [Signature]

Handwritten initials: K.



DO NOT SCALE

KEY

	PROPOSED CATCHPIT WITH 300mm SUMP
	PROPOSED HIGHWAY DRAIN
	EXISTING HIGHWAY DRAIN
	PROPOSED FILTER DRAIN
	PROPOSED ROAD GULLY
	PROPOSED TACTILE PAVING
	ROAD STD. FOR TYPE AND COLOUR
	ASSUMED DIVERTED ROUTE OF LOW PRESSURE GAS MAIN TO BE REMOVED
	ASSUMED LENGTH OF GAS MAIN TO BE REMOVED

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO S/C/D FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 270799/01 TO BE DATED NOV 2020.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY SURVEY SOLUTIONS, DRAWING NUMBER 270799/01 TO BE DATED NOV 2020.
- ALL ACCEPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SURFPAV COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL THE POSITION AND DEPTH OF ALL EXISTING SERVICES AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ALL EXISTING SERVICES AND THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE INFOSSED BY LANDS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2014.

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REV.	DATE	DESCRIPTION	DRAWN	CHECKED
E	05.07.22	S278 BOUNDARY REVISED.	CSJ	SNH
D	13.7.22	REVISION TO LOCATION OF ROAD SIGNS.	CSJ	KRT
C	21.06.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CSJ	KRT
B	18.03.22	DRAWING REVISED TO S/C COMMENTS.	CSJ	KRT
A	15.10.21	DRAWING SCALE AND SURFACE WATER PROPOSALS REVISED.	CSJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other drawings and any other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE**

Title
**SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
GENERAL ARRANGEMENT
SHEET 1**

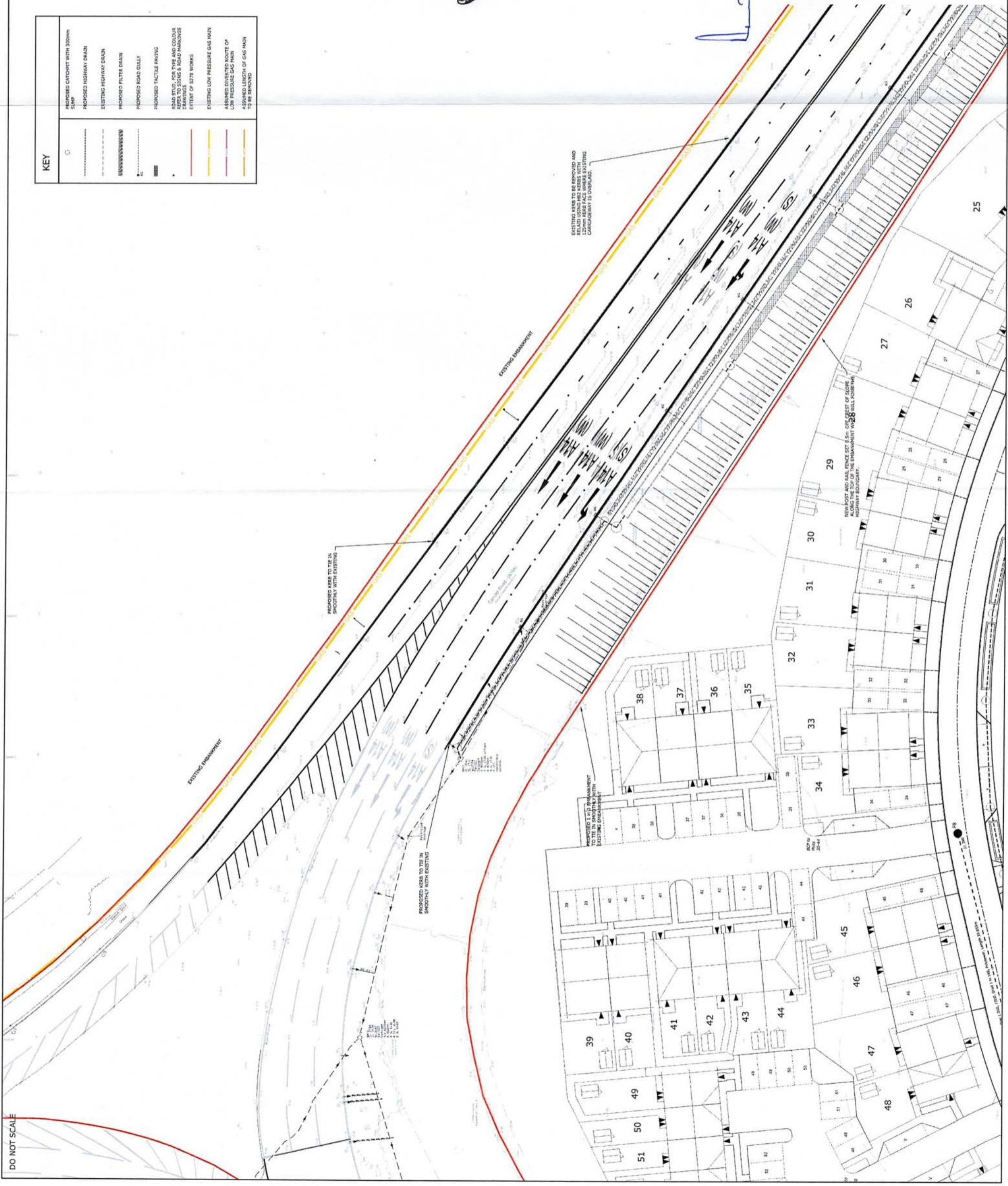
Client	BLOOR HOMES
Drawn	CSJ
Checked	KRT
Approved	KRT
Date	JAN 2021
Scale	1:250 @ A1
Job Manager	K. TOSH

Richard Jackson
Engineering Consultants

447 The Crescent, Colchester, Essex CO2 9JG. Tel: 01206 238800
 One Kings, 10th Floor, Aldgate Tower, 7 Leman Street, London E1 6AA. Tel: 020 7498 9510
 2 Queen House, 101 Curzon Street, Birmingham, B1 3BB. Tel: 0121 25 1714
 The Warehouse, 100th Street, Newark, Nottinghamshire, NG24 0JF. Tel: 0115 222 2200
 Email: enquiries@richardjackson.co.uk Website: www.richardjackson.co.uk

Drawing No. **60724/C/CR/001** Revision **E**

Drawing Status
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED



NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 27278-01 TO 10, DATED NOV 2021.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBER 65014-14-002 & 003.
4. ALL ACCEPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CHARGED OUT TO HIGH PAVEMENT CONTRACTOR.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
6. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY CABLES, TELEPHONE AND TREE ROOTS) FROM DAMAGE IMPOSED BY LOADING AND CONSTRUCTION WORK.
7. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
8. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND SIGNALS DIRECTIONS 2016.
9. ALL UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.

KEY	
	PROPOSED CATCHPIT WITH 300mm SUMP
	PROPOSED HIGHWAY DRAIN
	EXISTING HIGHWAY DRAIN
	PROPOSED FILTER DRAIN
	PROPOSED ROAD GULLY
	PROPOSED TACTILE PAVING
	ROAD STUDS FOR TYPE AND COLOUR
	ROAD MARKINGS
	EXTENT OF 5278 WORKS
	EXISTING LOW PRESSURE GAS MAIN
	ASSUMED INVERTED ROUTE OF LOW PRESSURE GAS MAIN
	ASSUMED LENGTH OF GAS MAIN TO BE REMOVED

REF	DATE	DESCRIPTION	BY	CHKD
C	21.04.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CIJ	ART
B	16.02.22	DRAWING REVISED TO IBC COMMENTS.	CIJ	ART
A	15.10.21	DRAWING SCALE AND SURFACE WATER PROVISIONS REVISED.	CIJ	ART

REVISIONS
 This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

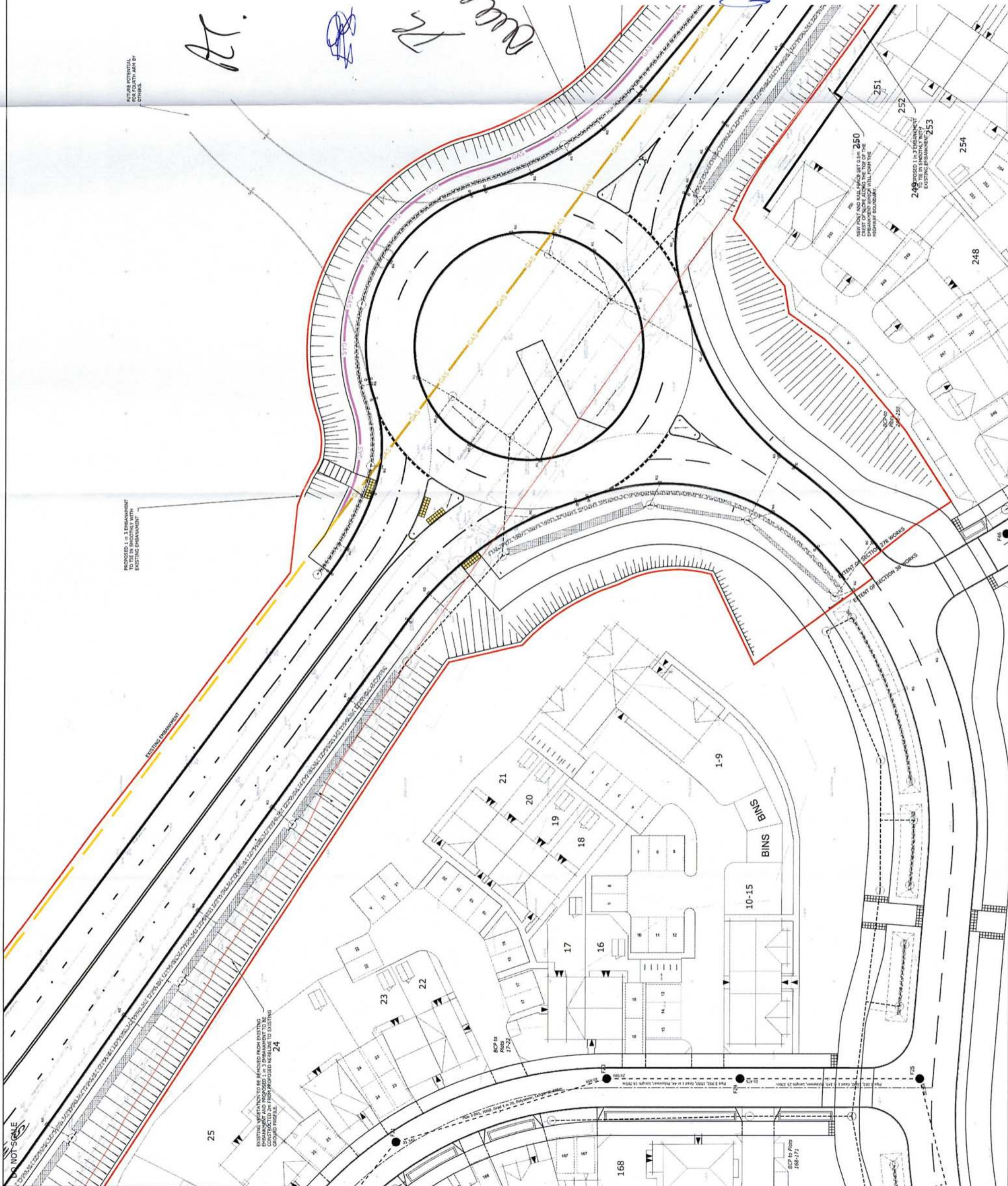
The
**SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 GENERAL ARRANGEMENT
 SHEET 2**

Client
BLOOR HOMES

NO	DATE	DESCRIPTION	BY	CHKD
1	15.10.21	Issue for Approval	CIJ	ART
2	16.02.22	Issue for Approval	CIJ	ART

Richard Jackson
 Engineering Consultants

187 The Crescent, Colchester, Essex CO4 9TQ
 Tel: 01206 224500
 Unit 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000



NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 272798-01 TO 16 DATED 16/07/2021.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY COUNTY COUNCIL HIGHWAY PLANNING, DRAWING NUMBER 650147A-001 & 600 C.
4. ALL ACCEPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH BUCKINGHAMSHIRE COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL SIZES AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONING 2016.

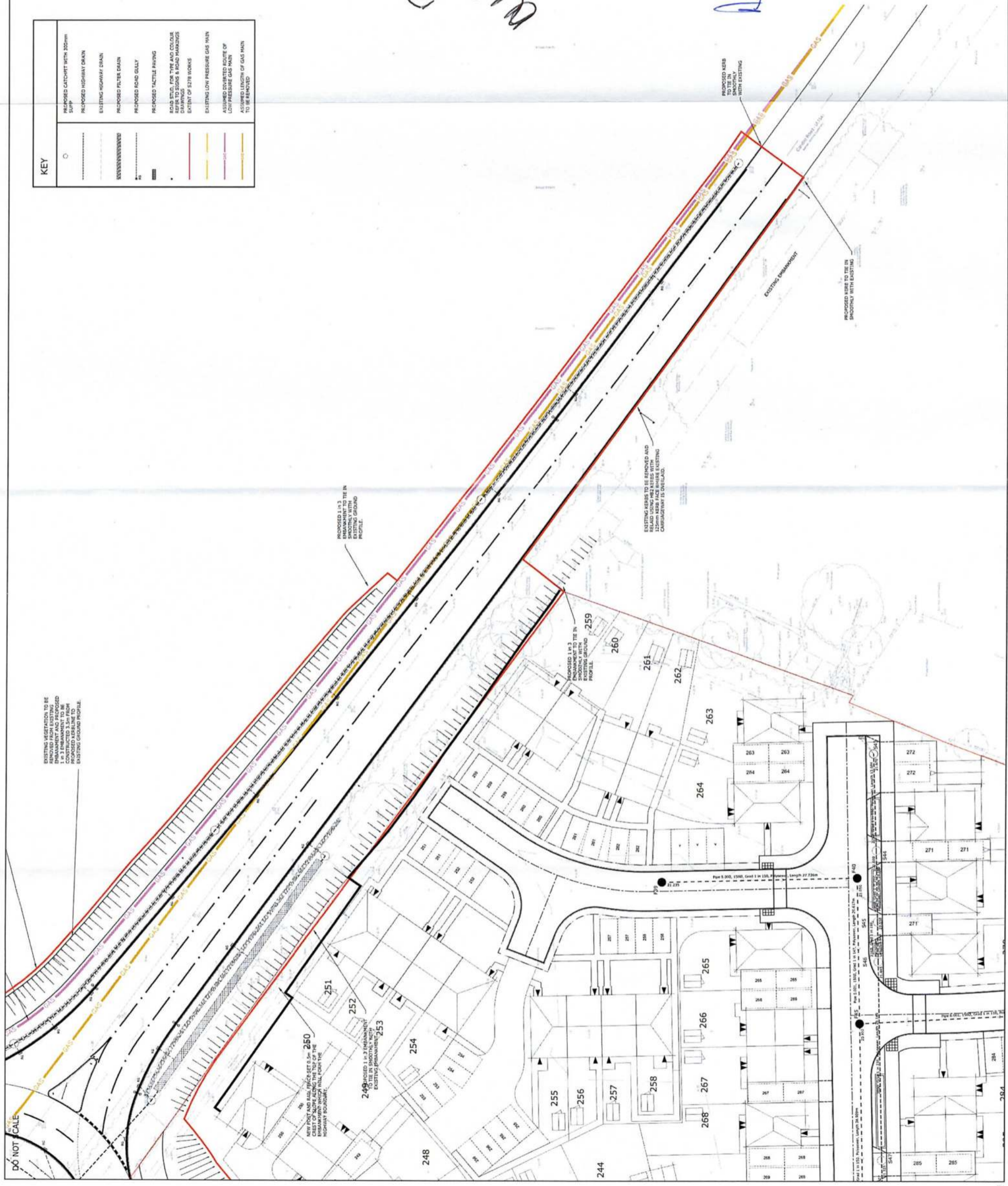
A.A.

Walter

KEY	
	PROPOSED CATCHMENT WITH 100mm SUMP
	PROPOSED HIGHWAY DRAIN
	EXISTING HIGHWAY DRAIN
	PROPOSED FILTER DRAIN
	PROPOSED ROAD GULLY
	PROPOSED TACTILE PAVING
	ROAD PITS FOR TIES AND COLOUR REFER TO SIGNS AND ROAD MARKINGS
	EXTENT OF S778 WORKS
	EXISTING LOW PRESSURE GAS MAIN
	ASSUMED DIVERTED ROUTE OF LOW PRESSURE GAS MAIN
	ASSUMED LENGTH OF GAS MAIN TO BE REMOVED

EXISTING VEGETATION TO BE REMOVED FROM EXISTING 1 IN 3 ENHANCEMENT TO BE CONSTRUCTED 3.5m FROM EXISTING GROUND PROFILE.

DO NOT SCALE



REV.	DATE	DESCRIPTION	BY	CHKD
B	21.04.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJ	MRT
A	18.03.22	DRAWING REVISED TO IBC COMMENTS.	CJ	MRT

REVISIONS
This drawing is to be read in conjunction with all other drawings of drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE**

THE
**SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
GENERAL ARRANGEMENT
SHEET 3**

Drawn: CJ
Checked: K.TOSH
Date: OCT 2021
Job Manager: K.TOSH

Richard Jackson Engineering Consultants
 1st Floor, 100, High Street, Felixstowe, Suffolk, IP11 1JF
 Tel: 01328 233000
 Fax: 01328 233001
 Email: info@richardjackson.co.uk
 Website: www.richardjackson.co.uk

Drawing No: **60724/C/CR/003** Revision: **B**

Drawing Status:
 INFORMATION
 APPROVAL
 TENDER
 CONSTRUCTION
 AS CONSTRUCTED
 COSTING

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SPAINI PARTNERS, DRAWING NUMBER SPA/PA/02 & 03.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
4. ALL ADOPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL EXISTING UTILITIES AND RECORD THEM TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2014.

KEY

	S278 BOUNDARY
	ADOPTABLE HIGHWAY SEWER
	ADOPTABLE HIGHWAY CATCHPIT
	ADOPTABLE HIGHWAY ON-LINE STORAGE CHAMBER
	ADOPTABLE ROAD GULLY
	FILTER TRENCH
	EXISTING HIGHWAY DRAIN
	EXISTING CATCHPIT/MANHOLE
	PROPOSED S278/S104 SEWER
	PROPOSED S278/S104 CATCHPIT/MANHOLE
	ADOPTABLE S278 ROAD GULLY

REVISIONS

REV.	DATE	DESCRIPTION	BY	CHKD
A	21.09.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CIJ	KRT

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Project
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

Title
 SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 DRAINAGE LAYOUT
 SHEET 1 OF 2

Client
 BLOOR HOMES

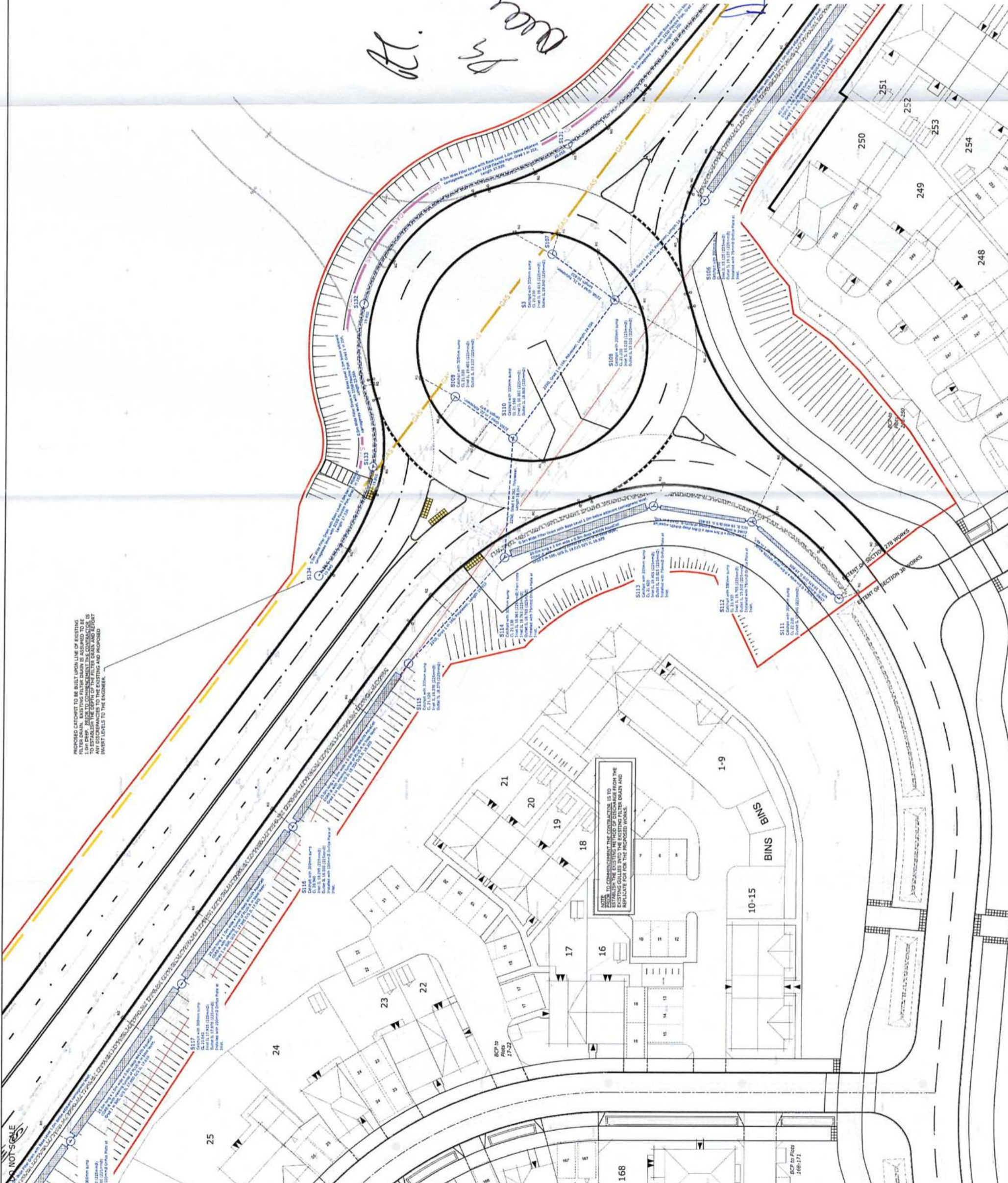
Richard Jackson
 Engineering Consultants

847 The Orchard, Colchester, Essex CO1 1TQ
 Tel: 01206 228800
 Unit 14/15, The Mill, Alphet Street, Lymington SO40 6BA
 Tel: 01753 744810
 1 Queen Meads, 100 Colchester Road, Colchester CO1 2JG
 Tel: 01206 228800
 The Orchard, Bloor Park, Felixstowe, Suffolk IP11 2JF
 Tel: 01772 202700
 Email: info@rj.co.uk
 Website: www.rj.co.uk

60724/C/CR/006

Revision: **A**

Drawing Status:
 INFORMATION APPROVAL COSTING AS CONSTRUCTED
 TENDER CONSTRUCTION



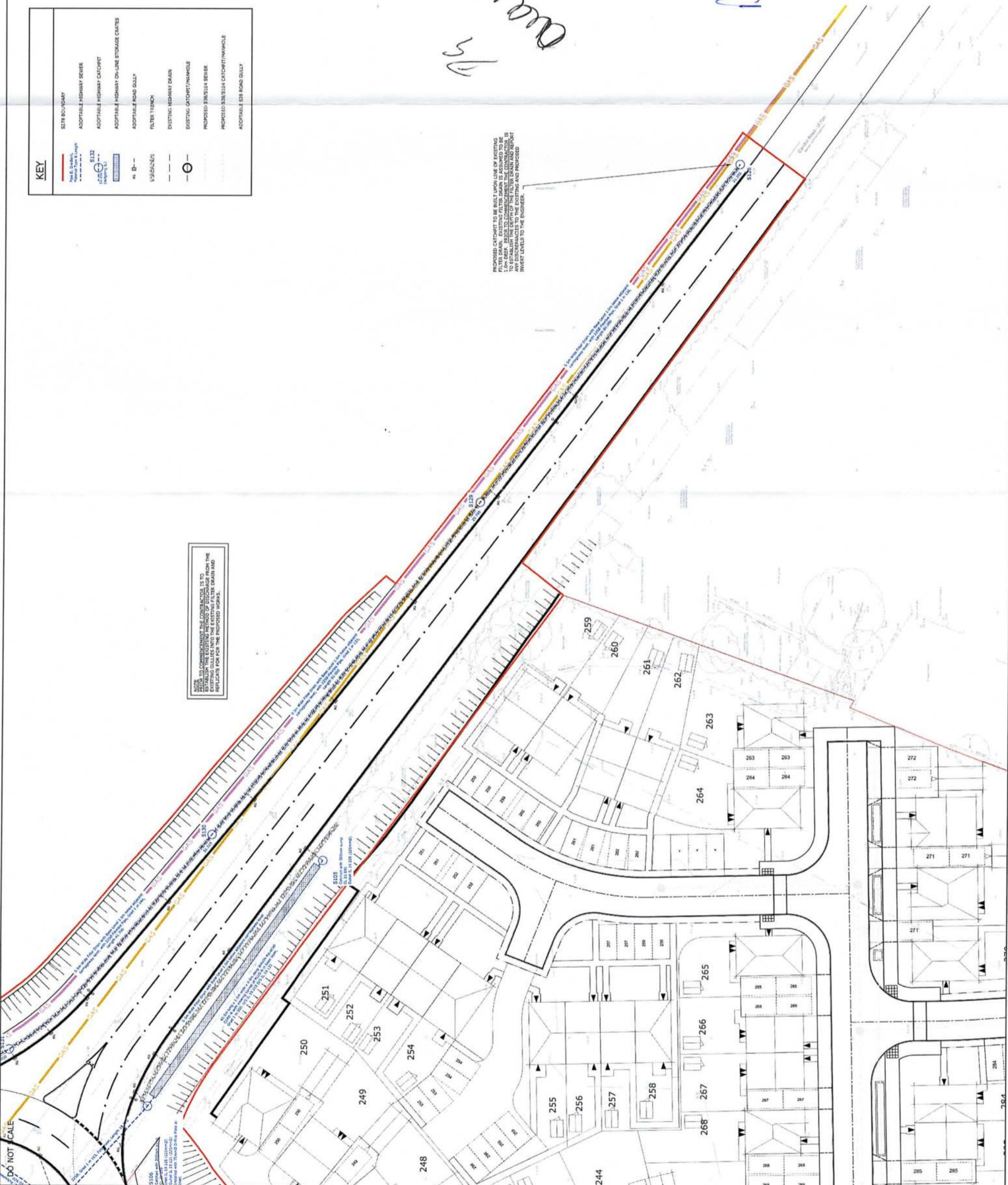
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 A.
 please

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED REVISIONS AND DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF DISCREPANCIES BETWEEN DRAWINGS LEFT TO AID FOR CONSTRUCTION.
- THIS DRAWING IS BASED ON THE PROVISIONAL SURVEY DATA PROVIDED BY SURVEY SOLUTIONS, DRAWING NUMBERS 2020M-01 TO 20, DATED 10/07/2020.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROVISIONAL PREPARATION BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS E5114-24-003 & 004.
- ALL ADAPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL EXISTING UTILITIES AND RECORD THEM TO A DEPTH OF 1.0M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRAIL AND PROPER SITTING OUT OF THE WORKS AND FOR THE CONNECTEDNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION WORK.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

KEY	
	S278 BOUNDARY
	ADAPTABLE HIGHWAY SERVICE
	ADAPTABLE HIGHWAY CATCHPIT
	ADAPTABLE HIGHWAY ON-LINE STORAGE CHUTES
	ADAPTABLE ROAD GULLY
	FILTER TRENCH
	EXISTING HIGHWAY DRAIN
	EXISTING CATCHPIT/MANHOLE
	PROPOSED 300x150x145 BENCH
	PROPOSED 300x150x145 CATCHPIT/MANHOLE
	ADAPTABLE S28 ROAD GULLY

NOTE: TO COMMENT THE CONTRACTOR IS TO VERIFY THE EXISTING UTILITIES AND RECORD THEM TO A DEPTH OF 1.0M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRAIL AND PROPER SITTING OUT OF THE WORKS AND FOR THE CONNECTEDNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.



PROPOSED CATCHPIT TO BE BUILT UPON LINE OF EXISTING FILTER DRAIN. EXISTING FILTER DRAIN IS ASSUMED TO BE 1.0M DEEP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE DEPTH OF THE EXISTING FILTER DRAIN AND TO ESTABLISH THE DEPTH OF THE FILTER DRAIN. ANY DISCREPANCIES TO THE EXISTING AND PROPOSED INVERT LEVELS TO THE ENGINEER.

Handwritten notes:
 RT.
 [Signature]
 [Signature]

REV	DATE	DESCRIPTION	BY	CHKD
A	21.09.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY ASSESS	CJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

PROJECT
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

TITLE
 SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 DRAINAGE LAYOUT
 SHEET 3

Client
 BLOOR HOMES

Scale	Drawn	DATE
1:500 @ A1	CJ	MAR 2022
Job Manager	Checked	Approved
K. TOSH	KRT	KRT

Richard Jackson Engineering Consultants

147 The Crescent, Chichester, West Sussex PO19 1QZ
 01243 800 000
 147 The Crescent, Chichester, West Sussex PO19 1QZ
 01243 800 000
 The Old Rectory, North Pole, Felixstowe, Suffolk IP11 2JF
 01473 510000
 Email: info@rjeng.co.uk Website: www.rjeng.co.uk

60724/CJ/CR/007

Revision
 A

INFORMATION
 APPROVAL
 TENDER
 COSTING
 AS CONSTRUCTED

DO NOT SCALE

FOR CONTINUATION SEE INSET



SURFACE FINISHES

- NEW FLEXIBLE CARRIAGEWAY
- FULL DEPTH RECONSTRUCTION OF EXISTING FLEXIBLE CARRIAGEWAY
- OVERLAY EXISTING FLEXIBLE CARRIAGEWAY
- NEW FLEXIBLE CYCLE/FOOTWAY AND SPLITTER ISLANDS
- HIGHWAY VERGE
- GRASSCRETE
- BREAK OUT AND REMOVE
- EXISTING HIGHWAY BOUNDARY
- PROPOSED HIGHWAY BOUNDARY
- PROPOSED TACTILE PAVING IN BUFF AT UNCONTROLLED CROSSINGS

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RECORD DRAWINGS, ARCHITECTS & SUB-CONTRACTORS DRAWINGS, IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO LATEST FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 27578/15 TO 15 DATED NOV 2021.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY SURVEY SOLUTIONS, DRAWING NUMBER 27578/15 TO 15 DATED NOV 2021.
- ALL IDENTIFIABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SURROCK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

ALL NEW CARRIAGEWAY SURFACING TO ACHIEVE A MINIMUM PSV OF 68 ON APPROACHES AND 65 ON ROUNDABOUT CIRCULATORY.

Handwritten notes:
 A.
 B.
 C.
 D.
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 P.
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 X.
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 Z.

REV.	DATE	DESCRIPTION	DRAWN	CHKD
D	09.09.22	5278 BOUNDARY REVISED.	CJJ	SM
C	21.06.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJJ	KRT
B	15.03.22	APPENDED TO SUIT ECC COMMENTS	LFT	KRT
A	15.03.21	SURFACE WATER PROPOSALS REMOVED.	CJJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other drawings of this project and other project information. Any discrepancy between the drawings is to be reported to the Engineer immediately.

Project
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

Title
 SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 SURFACE FINISHES - SHEET 1

Client
 BLOOR HOMES

Scale	Drawn	CHKD	DATE
1:250 @ A1	CJJ	KRT	JAN 2021

Job Manager
 K. TOSH

Checked
 KRT

Approved
 KRT

RichardJackson
 Engineering Consultants










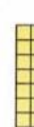
147 The Crescent, Colchester, Essex, CO1 1JG Tel: 01206 238822
 Unit 6/62, The Pines, Aldgate Tower, 2 Lamer Street, London E1 6AA Tel: 020 7496 9500
 2 Queen House, 151 Court, Great Shelford, South Cambs, CB22 2LD Tel: 01223 247414
 The Old Rectory, 15, The Green, Boreham, Essex, CO15 2JF Tel: 01206 238822
 2000 The Quadrant, Colchester, Essex, CO1 1JG Tel: 01206 238822
 Email: info@richardjackson.co.uk Website: www.richardjackson.co.uk

Drawing No. **60724/C/CR/010** Revision **D**

Drawing Status
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED

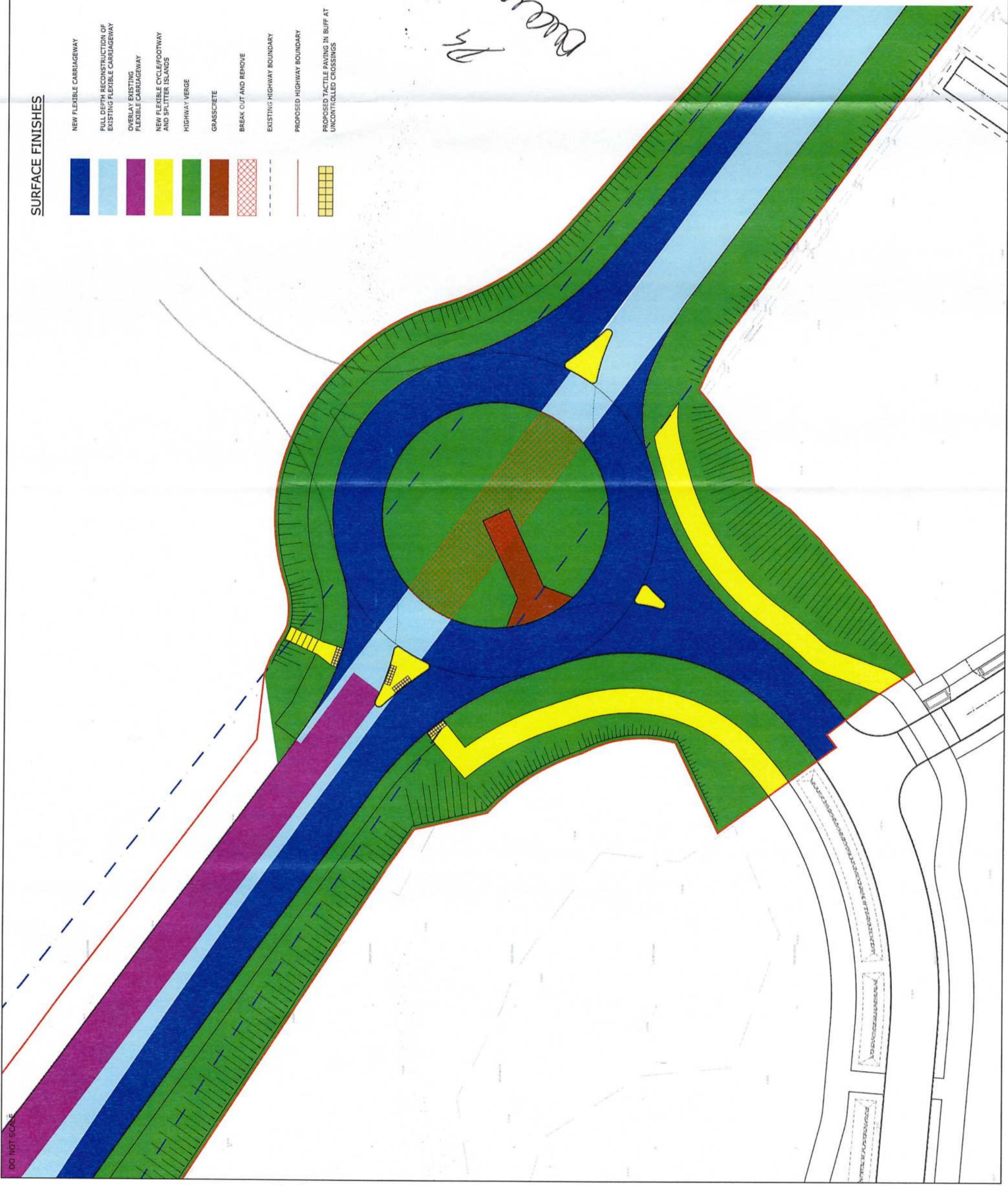
DO NOT SCALE

SURFACE FINISHES

-  NEW FLEXIBLE CARRIAGEWAY
-  FULL DEPTH RECONSTRUCTION OF EXISTING FLEXIBLE CARRIAGEWAY
-  OVERLAY EXISTING FLEXIBLE CARRIAGEWAY
-  NEW FLEXIBLE CYCLE/FOOTWAY AND SPLITTER ISLANDS
-  HIGHWAY VERGE
-  GRASSCRETTE
-  BREAK OUT AND REMOVE
-  EXISTING HIGHWAY BOUNDARY
-  PROPOSED HIGHWAY BOUNDARY
-  PROPOSED TACTILE PAVING IN BUFF AT UNCONTROLLED CROSSINGS

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED DRAWINGS AND SPECIFICATIONS. ARCHITECTS & SUB-CONTRACTORS DRAWINGS, IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
 - THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBERS 272796-21 TO 25 DATED NOV 2020.
 - THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS ESD/1674-002 & 003.
 - ALL APPLICABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH WILTSHIRE COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
 - THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
 - THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
 - ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

ALL NEW CARRIAGEWAY SURFACING TO ACHIEVE A MINIMUM PSV OF 68 ON APPROACHES AND 65 ON ROUNDABOUT CIRCULATORY.



Handwritten notes:
 Please see
 AC.

REV	DATE	DESCRIPTION	DRAWN	CHKD
C	21.08.22	ISSUED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CIJ	KRT
B	15.03.22	AMENDED TO SUIT SCC COMMENTS	LST	KRT
A	15.10.21	SURFACE WATER REMOVED AND FOOTWAY PROPOSALS REVISED.	CJJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

Client
BLOOP HOMES

Drawn: CJJ
 Checked: K.TOSH
 Date: JAN 2021
 Approved: KRT

Scale	Date
1:250 @ A1	JAN 2021

Richard Jackson Engineering Consultants
 1st Floor, 100 New Street, London E1 6RN
 1st Floor, 100 New Street, London E1 6RN
 1st Floor, 100 New Street, London E1 6RN
 1st Floor, 100 New Street, London E1 6RN

Drawing No.	Revision
60724/C/CR/011	C

- Drawing Status
- TENDER
 - INFORMATION
 - APPROVAL
 - CONSTRUCTION
 - AS CONSTRUCTED
 - COSTING

DO NOT SCALE

KEY

- PROPOSED 150mm KERB (125mm UPSTAND)
- PROPOSED BULL-NOSED KERB (25mm UPSTAND FOR VEHICULAR CROSSING AND 0mm FOR PEDESTRIAN CROSSING)
- PROPOSED EDGING KERB
- PROPOSED DROPPER KERB
- 400mm X 400mm BUFT BULSTER TACTILE PAVING

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THE MOST RECENT.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY THE CONTRACTOR. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
3. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY THE CONTRACTOR. ANY DISCREPANCIES SHOULD BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. ALL ADAPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SURPOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE COMPLETED TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL EXISTING UTILITIES AND SERVICES AND PROVIDE PROTECTIVE MEASURES FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

Handwritten signature: A. [Signature]

Handwritten signature: [Signature]

REV.	DATE	DESCRIPTION	DRAWN/CHKD

REVISIONS
This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE

The
SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
KERB LAYOUT - SHEET 1

Client
BLOOR HOMES
[Handwritten signature]

Scale	Drawn	Date
1:250 @ A1	CJ	MARCH 2021
Job Manager	Checked	Approved
K. TOSH	KRT	KRT

Richard Jackson
Engineering Consultants

147 The Courtyard, Colchester, Essex CO2 9TE Tel: 01206 228022
Unit 10/12, 101 New, Adolphus Tower, 2 Limes Street, London E1 6JA Tel: 020 748 9100
1 Queen's House, 101 Queen's Gate, London SW7 5AR Tel: 01233 341914
The Moorhouse, Birch Hill, Stonehouse, Gloucestershire GL10 3DF Tel: 01753 620701
Email Address: enquiries@rjackson.co.uk Website: www.rjackson.co.uk

Drawing No. 60724/C/CR/015

Revision

Drawing Status
 INFORMATION
 TENDER
 APPROVAL
 AS CONSTRUCTION
 COSTING

DO NOT SCALE

KEY

- PROPOSED HB2 KERB (125mm UPSTAND)
- PROPOSED BULL-NOSED KERB (25mm UPSTAND FOR VEHICULAR CROSSING AND 0mm FOR PEDESTRIAN CROSSING)
- PROPOSED EDGING KERB
- PROPOSED DROPPER KERB
- 400mm X 400mm BUFF BLISTER TACTILE PAVING

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 27279-01 TO 10, DATED NOV 2020.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS E5014-TA-023 & 003.
4. ALL ADAPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATION AND THE WORKS SHALL BE COMPLETED TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL EXISTING UTILITIES AND SERVICES AND WHERE NECESSARY, PROVIDE PROTECTIVE COVERING FOR THE TRUS AND BEFORE SETTING OUT OF THE WORKS AND FOR THE POSITION, LEVEL, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY WATER MAINS) FROM DAMAGE CAUSED BY LOADS AND VIBRATIONS FROM CONSTRUCTION PLANT.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD WORKS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONING 2015.

Checked by
AK

REV	DATE	DESCRIPTION	DRAWN	CHECKED
A	22.06.22	UPDATED IN ACCORDANCE WITH STAGE 2 PERMITS AND AEC REQUIREMENTS	CIJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

The
**SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 KERB LAYOUT - SHEET 2**

Client
BLOOR HOMES

Scale	1:250 @ A1	Date	MARCH 2021
Job Manager	K. TOOR	Checked	Approved

Richard Jackson
 Engineering Consultants

847 The Crescent, Colchester, Essex CO2 9YQ
 Tel: 01206 248500
 1st Floor, 100 High Street, Colchester, Essex CO1 1JL
 Tel: 01206 248501
 4 The Old Church, St. Matthew Street, Ipswich, Suffolk IP1 1SP
 Tel: 01473 252303
 The Warehouse, South Park, Stanthorpe, Gloucestershire GL13 9PF
 Tel: 01177 620470
 Email: enquiries@richardjackson.co.uk
 Website: <http://www.rj.co.uk>

Drawing No.	60724/C/CR/016	Revision	A
Drawing Status	<input checked="" type="checkbox"/> INFORMATION	<input checked="" type="checkbox"/> APPROVAL	<input type="checkbox"/> COSTING
	<input type="checkbox"/> TENDER	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> AS CONSTRUCTED

DO NOT SCALE

KEY

- PROPOSED HBZ KERB (125mm UPSTAND)
- PROPOSED BULL-NOSED KERB (25mm UPSTAND FOR VEHICULAR CROSSING AND 0mm FOR PEDESTRIAN CROSSING)
- PROPOSED EDGING KERB
- PROPOSED DROPPER KERB
- 400mm X 400mm BUFF BLISTER TACTILE PAVING

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO RJD FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY BAKER SOLUTIONS, DRAWING NUMBER 270309-01 TO BE USED FOR 2021.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY RICHARD JACKSON LTD. DRAWING NUMBER 270309-01 TO BE USED FOR 2021.
4. ALL ADJACENT HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL THE POSITIONING OF THE EXISTING AND PROPOSED KERBS AND BE RESPONSIBLE FOR THE TRULY AND CORRECT SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ADJUSTMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION JAR.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

Charles H. A.

REV	DATE	DESCRIPTION	DRAWN	CHKD
C	21.08.22	UPDATED IN ACCORDANCE WITH SCC REQUIREMENTS	CJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

Title
**SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 KERB LAYOUT - SHEET 3**

Client
BJOOR HOMES

Scale	Drawn	Date
1:250 @ A1	CJ	MARCH 2021
Job Manager	Checked	Approved
K. TOSH	KRT	KRT

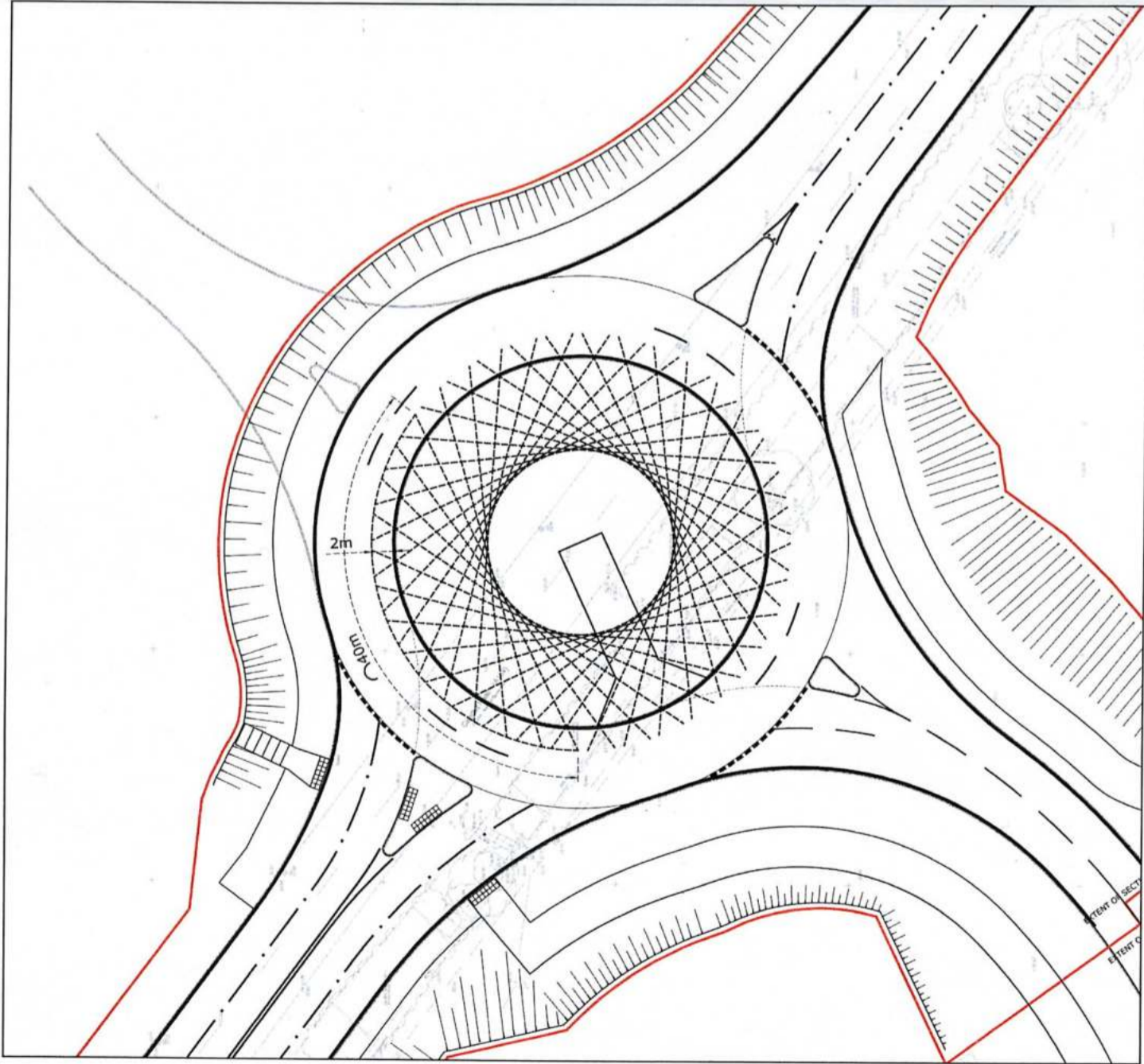
Richard Jackson
 Engineering Consultants

487 The Crescent, Colchester, Essex CO2 8JZ Tel: 01206 228809
 One Sable, New Park, Aldegate 1, Felixstowe, Suffolk IP11 2BA Tel: 01227 344900
 1 Green House, 400 Church Street, Ipswich, Suffolk IP1 1JG Tel: 01473 511191
 The Warehouse, South Quay, Grays, Essex SS16 5LJ Tel: 01702 202070
 Email: sales@rjackson.co.uk Website: www.rjackson.co.uk

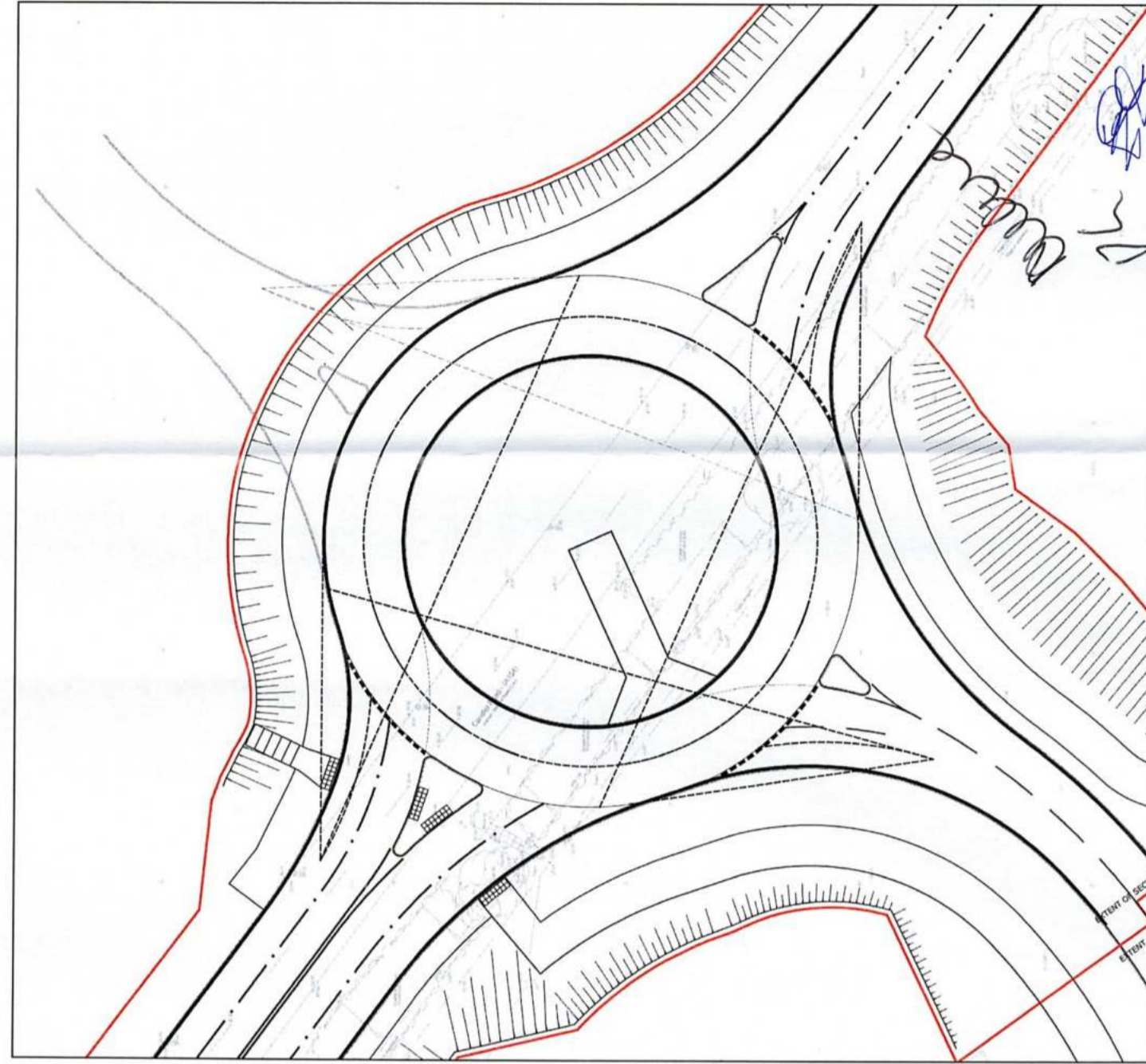
Drawing No. **60724/C/CR/017** Revision **A**

Drawing Status
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED

DO NOT SCALE



CIRCULATORY VISIBILITY



FORWARD VISIBILITY AT ENTRY

Handwritten notes:
 K. Toth
 K. Toth
 K. Toth

REV	DATE	DESCRIPTION	DRAWN	CHKD
C	21.04.21	ISSUED IN ACCORDANCE WITH SOC MEDIUM AND DIMENSIONS REVISED	CJ	KET
B	15.03.21	FOOTWAY AND DIMENSIONS REVISED	CJ	KET
A	13.03.21	FOOTWAY PROPOSALS REVISED	CJ	KET

REVISIONS	
Drawing No.	60724/C/CR/040
Revision	C
Drawing Status	<input type="checkbox"/> INFORMATION <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> COSTING
	<input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS CONSTRUCTED

Richard Jackson Engineering Consultants
 5 Spence House, Mill Court, Great Portland Street, London N1 8BA
 Tel: 0202 247474 Fax: 0202 247475
 The Richard Jackson Group, 100, St. James Street, London E14 3DF
 Tel: 0202 247474 Fax: 0202 247475
 Email: info@rjackson.com Website: www.rjackson.com

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

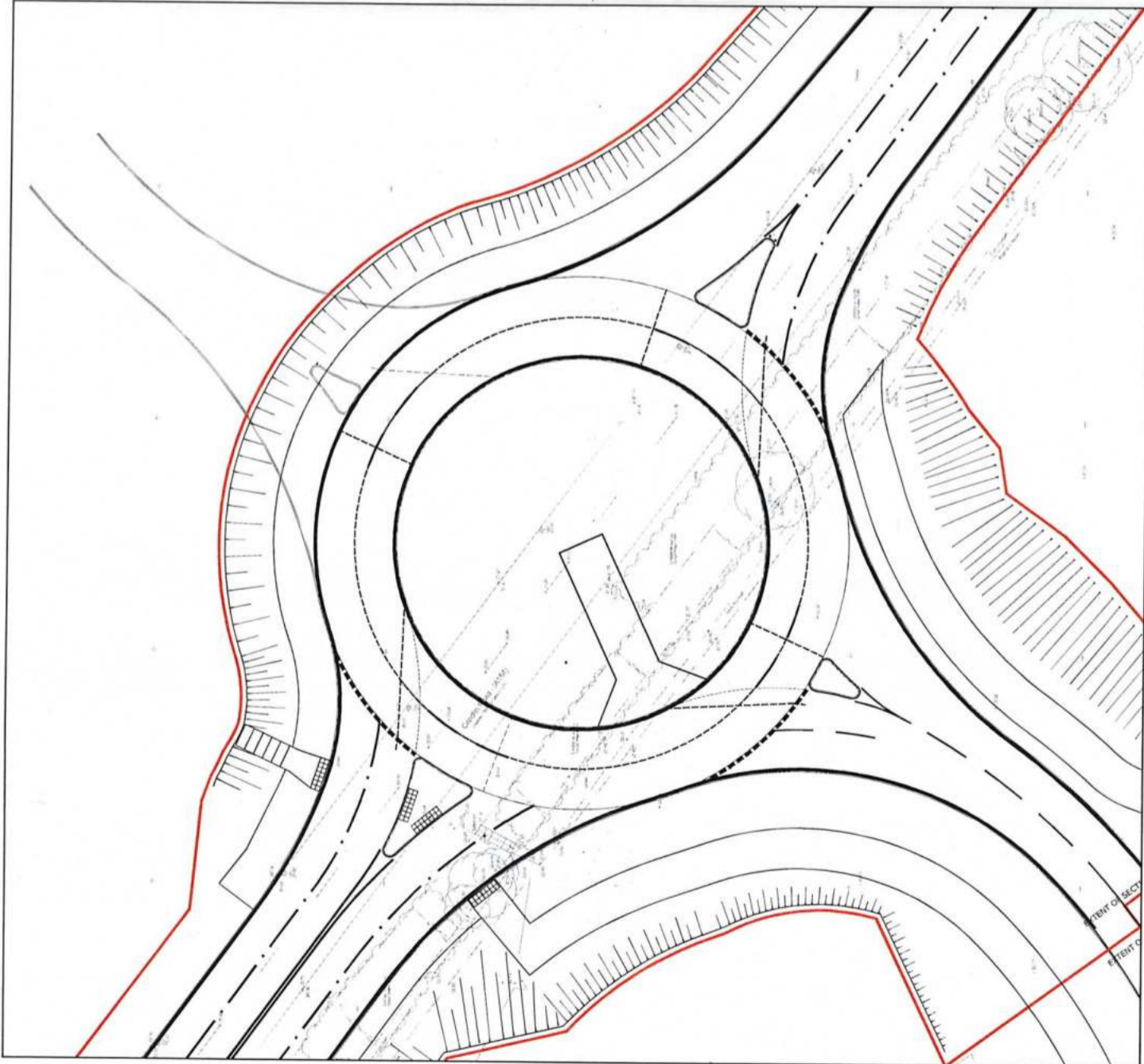
Date	JAN 2021
Checked	KET
Approved	KET
Scale	1:100

Drawn	CJ
Job Manager	K. TOBH
Client	BLOOR HOMES

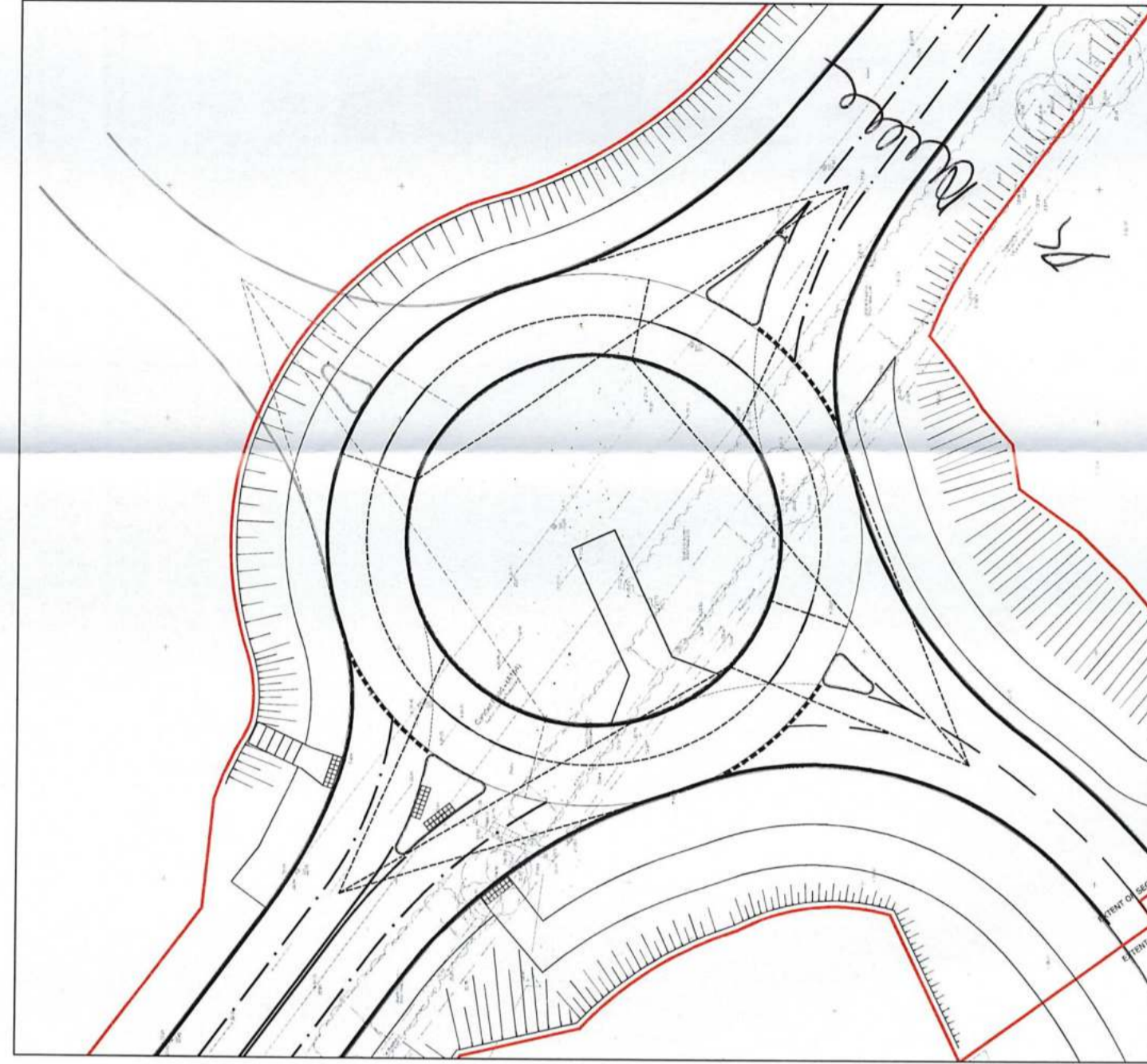
THE
 SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 JUNCTION VISIBILITY
 SHEET 1

PROJECT
 PROPOSED DEVELOPMENT
 CANDLET ROAD/ HIGH STREET
 FELIXSTOWE

DO NOT SCALE



RIGHT CIRCULATORY VISIBILITY



RIGHT CIRCULATORY VISIBILITY 15m IN ADVANCE OF GIVEWAY LINE

Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/ HIGH STREET
 FELIXSTOWE**

Title
**SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 JUNCTION VISIBILITY
 SHEET 2**

Client
BLOOR HOMES

Drawn
 C.J.
 Date
 JAN 2021
 Checked
 AKT
 Job Manager
 K. TOSH
 Approved
 AKT
 Scale
 1:8250

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Richard Jackson
 Engineering Consultants

100 The Green, Colchester, Essex CO1 1UG
 0206 223999
 5 Sunningwell, Wokingham, Hampshire RG40 3EP
 01329 247400
 Email: info@rjackson.co.uk
www.rjackson.co.uk

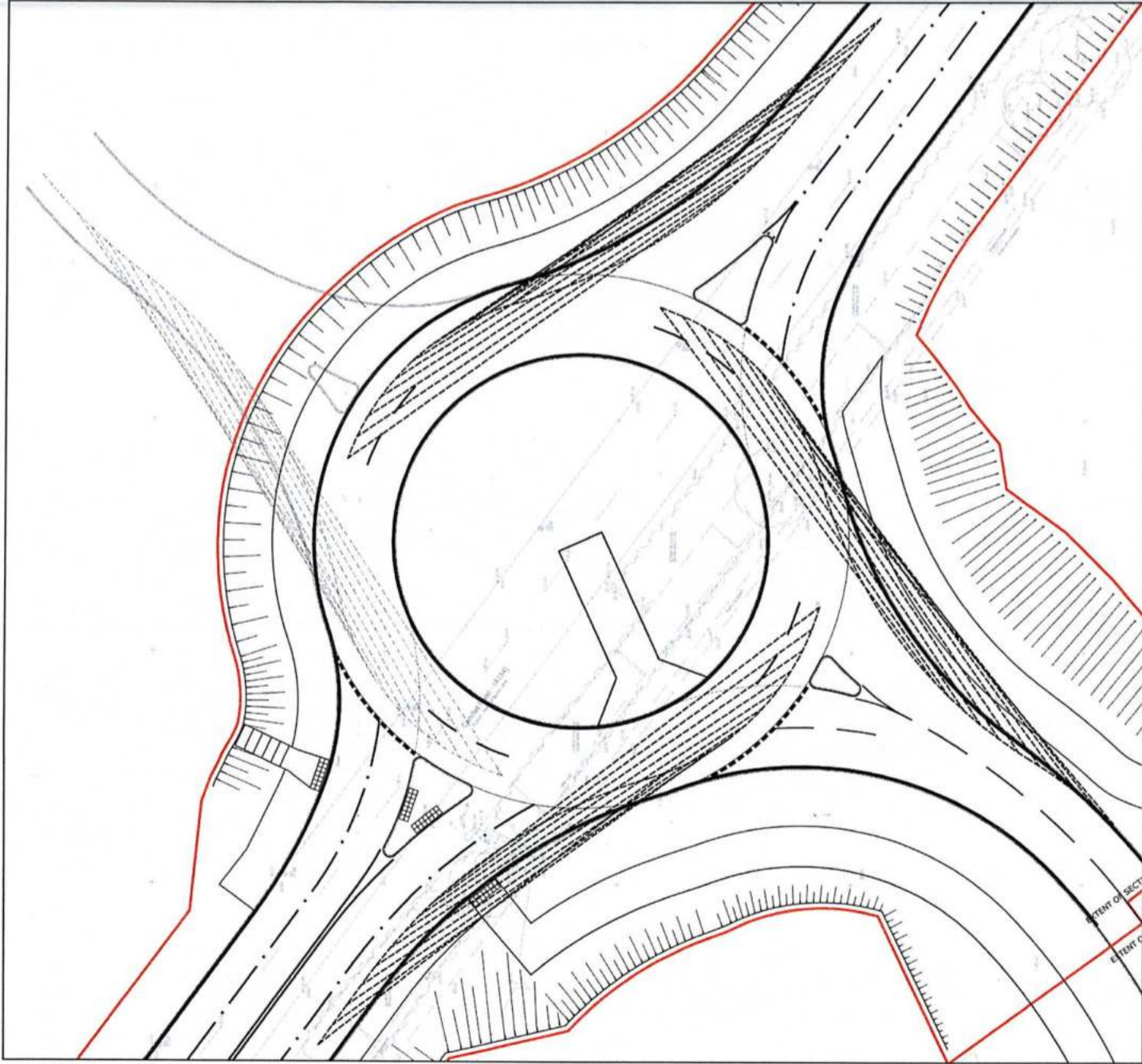
UK Planning, Construction, and Highways
 UK Planning, Construction, and Highways
 UK Planning, Construction, and Highways

REVISIONS				
NO.	DATE	DESCRIPTION	DRAWN	CHECKED
C	21.06.22	UPDATED IN ACCORDANCE WITH SCC ACQUISITIONS	CJ	AKT
B	15.03.22	FOOTWAY AND FURNISHINGS REVISED.	CJ	AKT
A	10.10.21	FOOTWAY FURNISHINGS REVISED.	CJ	AKT

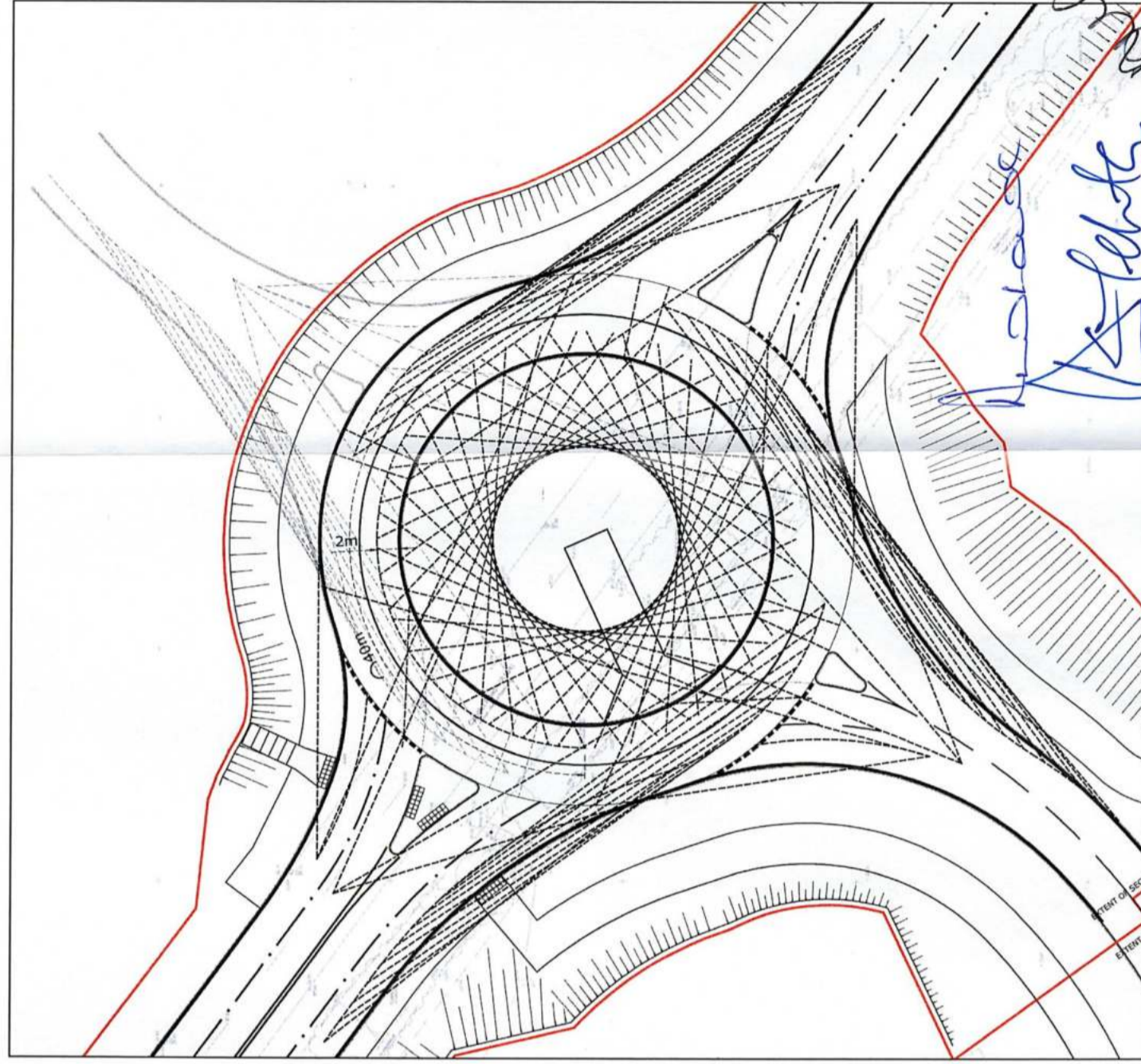
Revision	
Drawing No.	Revision
60724/C/CR/041	C

Drawing Status	
<input type="checkbox"/> INFORMATION	<input type="checkbox"/> APPROVAL
<input type="checkbox"/> TENDER	<input type="checkbox"/> CONSTRUCTION
<input type="checkbox"/> COSTING	<input type="checkbox"/> AS CONSTRUCTED

DO NOT SCALE



EXIT VISIBILITY



COMBINED VISIBILITY

Handwritten notes:
 H.10.22
 K.10.22
 K.10.22

REV	DATE	DESCRIPTION	DRAWN	CHECKED
C	21.01.22	REVISED IN ACCORDANCE WITH SCC REQUIREMENTS	CJ	KRT
B	15.02.22	FOOTWAY AND DRAINAGE REVISED	CJ	KRT
A	13.10.21	FOOTWAY PROPOSALS REVISED	CJ	KRT

REVISIONS	
Drawing No.	Revision
60724/C/CR/042	C

Richard Jackson Engineering Consultants
 1, Green Walk, 4th Floor, Green Walk, 1, Green Walk, London E1 8RQ
 Tel: 020 7463 8800
 Fax: 020 7463 8801
 Email: info@rjackson.co.uk
 www.rjackson.co.uk

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

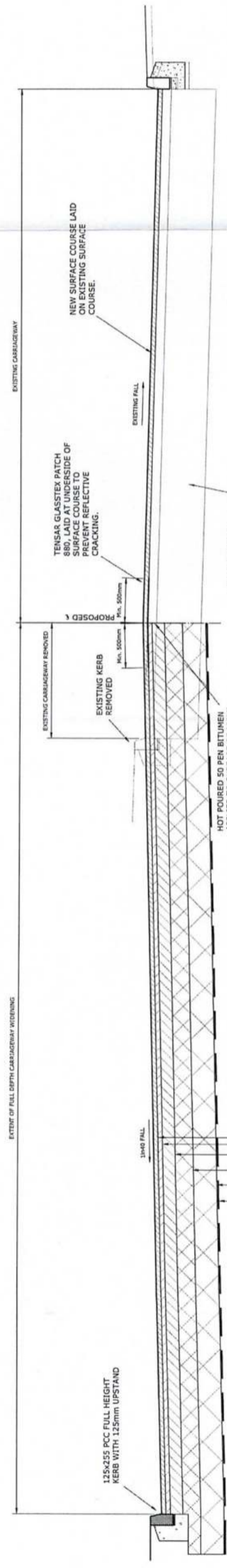
Drawn	CJ	Date	JAN 2021
Job Manager	K. TOSH	Checked	KRT
Approved	KRT	Scale	1:250

Client
BLOOR HOMES

Title
SECTION 278 - CANDLET ROAD PROPOSED ROUNDABOUT JUNCTION VISIBILITY SHEET 3

Project
PROPOSED DEVELOPMENT CANDLET ROAD/ HIGH STREET FELIXSTOWE

DO NOT SCALE



CARRIAGEWAY CONSTRUCTION
 50mm THICK SMA 10 SURF 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.942. MIN PSV TO BE 68.
 50mm THICK AC20 DENSE BASE 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.929.
 140mm THICK AC32 DENSE BASE 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.925.
 UNBOUND MIXTURE SUB-BASE TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.803, CL.804, CL.806, CL.807. THICKNESS DEPENDANT ON IN-SITU SOAKED CBR TEST RESULTS - SEE TABLE A.
 UNBOUND MIXTURE CAPPING LAYER TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.613. THICKNESS DEPENDANT ON IN-SITU SOAKED CBR TEST RESULTS - SEE TABLE A.
 1 LAYER OF TERRAM 1000 GEOTEXTILE (OR SIMILAR TO BE APPROVED BY HIGHWAY AUTHORITY) SEPARATION LAYER. THE FORMATION IS TO BE PROOF ROLLED WITH A VIBRATORY ROLLER PRIOR TO PLACEMENT OF THE GEOTEXTILE MATERIAL.

TABLE A

CBR VALUE	SUB-BASE THICKNESS (mm)	CAPPING THICKNESS (mm)
3.3 - 5.2%	200	420
5.1 - 9.7%	200	260
More Than 9.7%	150	200

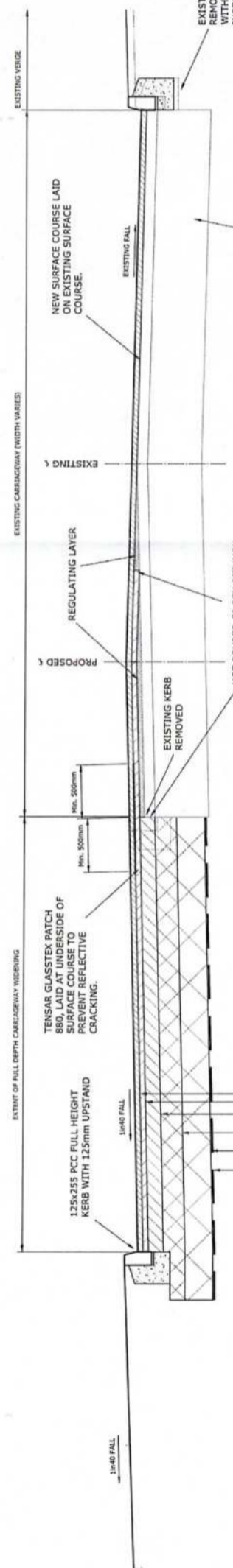
LAB SOAKED CBR TESTS ARE TO BE UNDERTAKEN AT ROAD FORMATION LEVEL AND SUB-BASE DEPTHS ADJUSTED IN ACCORDANCE WITH TABLE A.
 ROAD FORMATION TO BE PROOF ROLLED PRIOR TO PLACEMENT OF SUB-BASE. ANY SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH TYPE 1 MATERIAL.

TYPICAL CROSSFALL TO CAMBER - WESTERN CARRIAGEWAY
 SCALE 1:25

NOTES

- THIS DRAWING IS TO BE READ IN CONNECTION WITH ALL RELATED DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS DRAWING FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 2707-N-17 TO 19, DATED NOV 2020.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS 6051-17A, 02, 3, 003.
- ALL ADAPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE WORKS, VISIT ALL SITES AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTION OF ANY ERRORS IN POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY WATER AND GAS) AND TO REPAIR ANY DAMAGE CAUSED BY THE WORKS.
- ANY UNEXPECTED OBSTACLES ENCOUNTERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2011.

— DENOTES PSV OF 65
 — DENOTES PSV OF 68



CARRIAGEWAY CONSTRUCTION
 50mm THICK SMA 10 SURF 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.942. MIN PSV TO BE 68.
 50mm THICK AC20 DENSE BASE 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.929.
 140mm THICK AC32 DENSE BASE 40/60 TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.925.
 UNBOUND MIXTURE SUB-BASE TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.803, CL.804, CL.806, CL.807. THICKNESS DEPENDANT ON IN-SITU SOAKED CBR TEST RESULTS - SEE TABLE A.
 UNBOUND MIXTURE CAPPING LAYER TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.613. THICKNESS DEPENDANT ON IN-SITU SOAKED CBR TEST RESULTS - SEE TABLE A.
 1 LAYER OF TERRAM 1000 GEOTEXTILE (OR SIMILAR TO BE APPROVED BY HIGHWAY AUTHORITY) SEPARATION LAYER. THE FORMATION IS TO BE PROOF ROLLED WITH A VIBRATORY ROLLER PRIOR TO PLACEMENT OF THE GEOTEXTILE MATERIAL.

TABLE A

CBR VALUE	SUB-BASE THICKNESS (mm)	CAPPING THICKNESS (mm)
3.3 - 5.2%	200	420
5.1 - 9.7%	200	260
More Than 9.7%	150	200

LAB SOAKED CBR TESTS ARE TO BE UNDERTAKEN AT ROAD FORMATION LEVEL AND SUB-BASE DEPTHS ADJUSTED IN ACCORDANCE WITH TABLE A.
 ROAD FORMATION TO BE PROOF ROLLED PRIOR TO PLACEMENT OF SUB-BASE. ANY SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH TYPE 1 MATERIAL.

TYPICAL CAMBER - CROWN LINE ALTERED - WESTERN CARRIAGEWAY
 SCALE 1:25

REV	DATE	DESCRIPTION	DRAWN	CHECKED
B	21.09.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CIJ	KET
A	16.03.22	ISSUED FOR CONSTRUCTION OF EXISTING CARRIAGEWAY	CIJ	KET

REVISIONS
 This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

Client
BLOOM HOMES

Section
**SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 CONSTRUCTION DETAILS**

Sheet
SHEET 1

SCALE	DRAWN	CHECKED	DATE
1:25 @ A1	CIJ	KET	JAN 2021

Richard Jackson
 Engineering Consultants

107 The Crescent, Chesham, Bucks, UK
 Tel: 01296 228000
 Fax: 01296 248000
 1 Queen's Road, Chesham, Bucks, UK
 Tel: 01296 248000
 Fax: 01296 248000
 The Woodhouse, Barnsley, Yorkshire, UK
 Tel: 01773 203020
 Fax: 01773 203020
 Email: info@rjeng.co.uk
 Website: www.rjeng.co.uk

Drawing No. **60724/C/CR/060**

Revision
B

Drawing Status
 INFORMATION
 TENDER
 APPROVAL
 CONSTRUCTION
 AS CONSTRUCTED

DO NOT SCALE

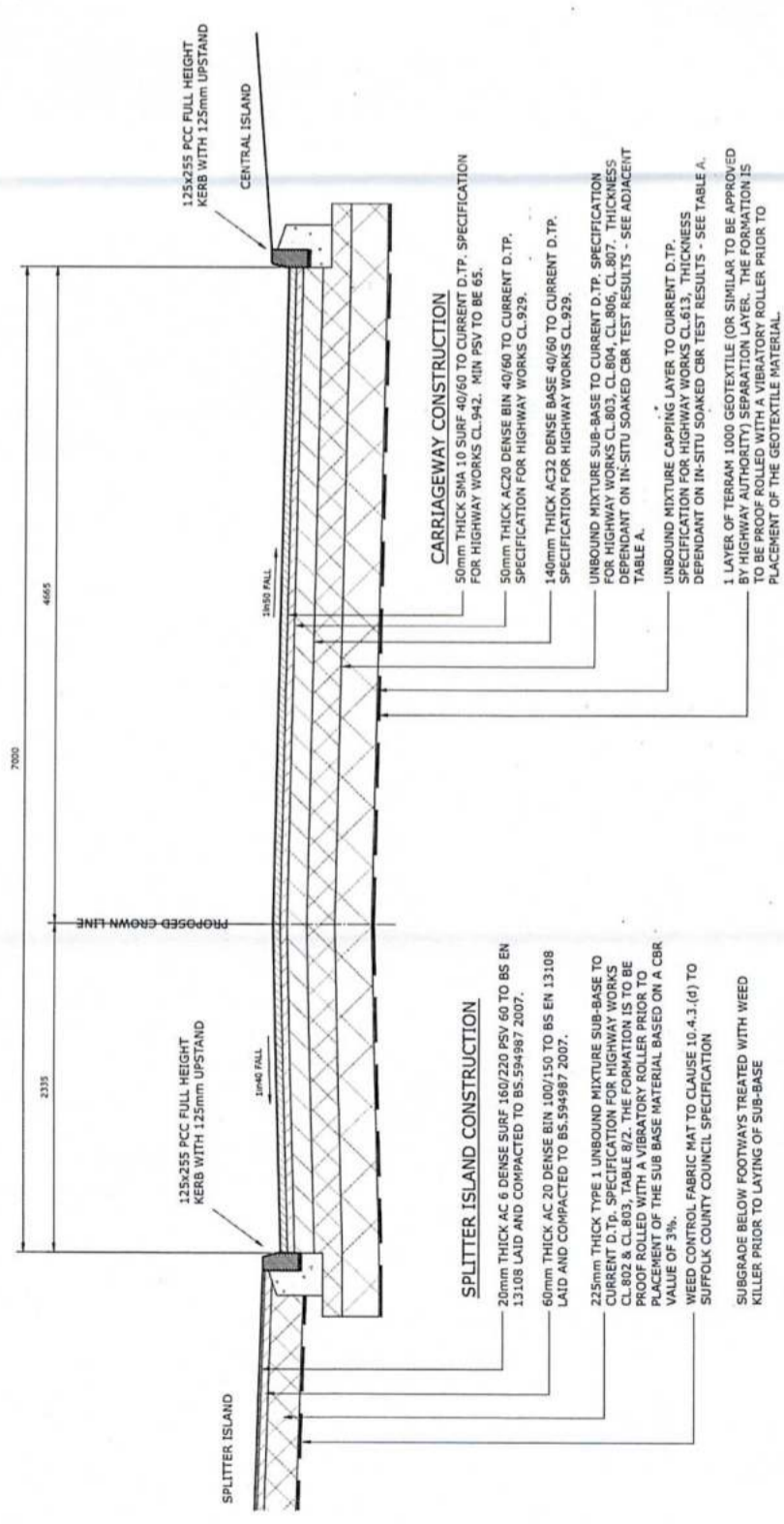
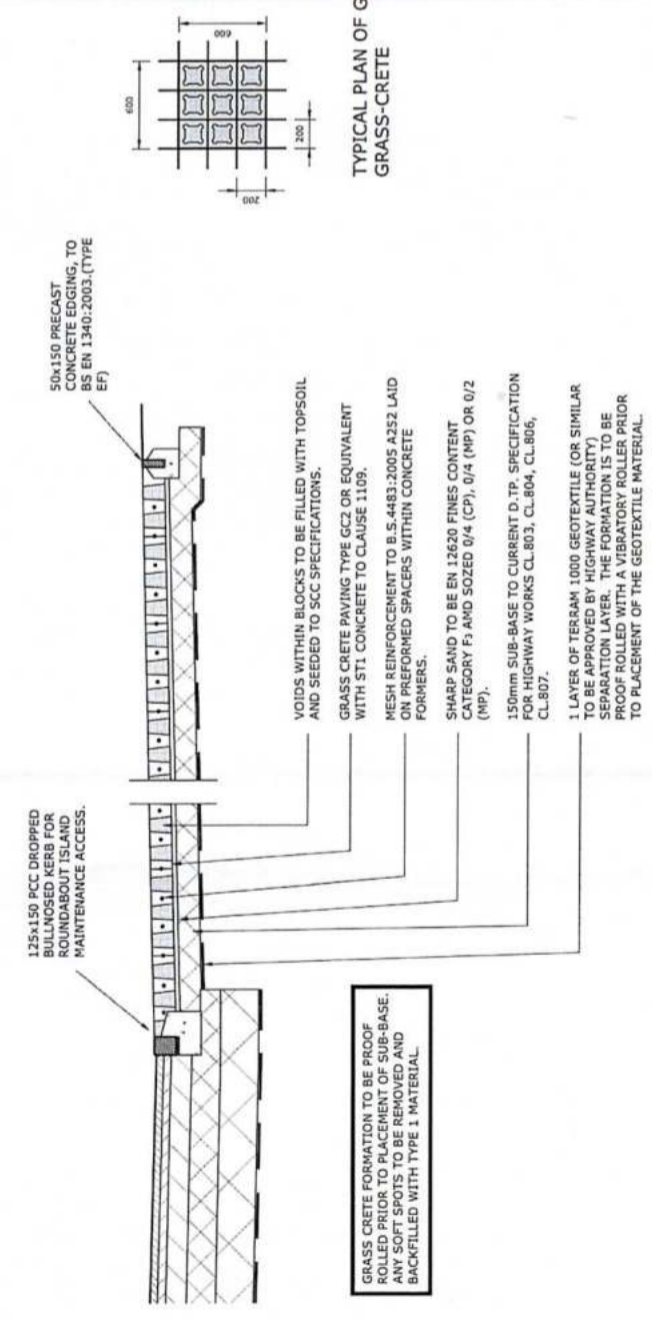


TABLE A

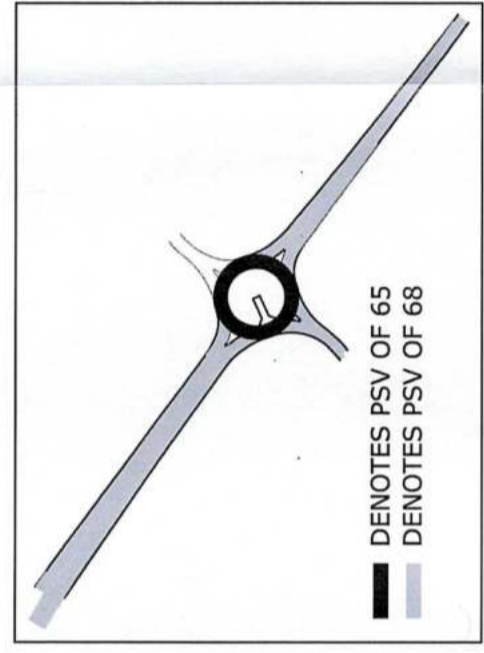
CBR VALUE	SUB-BASE THICKNESS (mm)	CAPPING THICKNESS (mm)
2.3 - 3.2%	250	420
5.2 - 9.7%	200	260
More Than 9.7%	150	200

AS SOAKED CBR TESTS ARE TO BE UNDERTAKEN, BOTH FOR MAIN AND SUB-BASE DEPTHS ADJUSTED IN ACCORDANCE WITH TABLE A.
 ROAD FORMATION TO BE PROOF ROLLED PRIOR TO PLACEMENT OF SUB-BASE. ANY SOFT SPOTS TO BE REMOVED AND BACKFILLED WITH TYPE 1 MATERIAL.

ROUNDABOUT CIRCULATORY CROSS SECTION
 SCALE 1:25



TYPICAL GRASS CRETE MAINTENANCE BAY DETAIL
 SCALE 1:25



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO COMMENCING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO COMMENCING WORK.
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REVISIONS

REV	DATE	DESCRIPTION	DRAWN	CHECKED
B	21.04.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY ADJUT.	CIJ	KRT
A	14.03.22	SECTIONS REVISED TO SHOW OVERLAY OF EXISTING CARRIAGEWAY, GRASS CRETE AND VERGES.	CIJ	KRT

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Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

Client
BLOOR HOMES

Section
 1:25 @ A1
 200 Manager
 K. TOSH

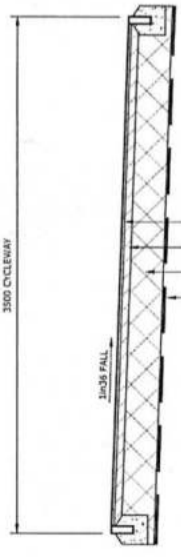
Date
 JAN 2021
 Approved
 KRT

Richard Jackson Engineering Consultants
 847 The Crescent, Chichester, West Sussex, PO19 1SD
 Tel: 01243 828000
 Fax: 01243 828001
 Email: info@richardjackson.co.uk
 Website: www.richardjackson.co.uk

60724/C/CR/062
 Revision
 B

Drawing Status
 INFORMATION
 TENDER
 APPROVAL
 CONSTRUCTION
 AS CONSTRUCTED

DO NOT SCALE



TYPICAL VERGE DETAIL
SCALE 1:25

150mm TOP SOIL
EXISTING GROUND

SURFACE TO BE GRASS SEEDED TO CLAUSES 10.6.3 & 10.6.6 OF THE SUFFOLK COUNTY COUNCIL SPECIFICATION.

CYCLEWAY/FOOTWAY CONSTRUCTION

20mm THICK AC 6 DENSE SURF 160/220 PSV 60 TO BS EN 13108 LAIN AND COMPACTED TO BS:594987:2007.

60mm THICK AC 20 DENSE BIN 100/150 TO BS EN 13108 LAIN AND COMPACTED TO BS:594987:2007.

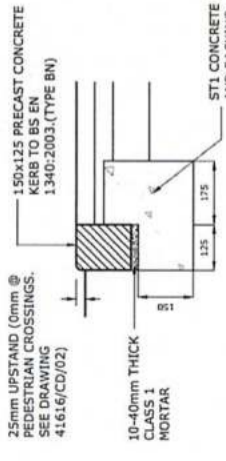
225mm THICK TYPE 1 UNBOUND MIXTURE SUB-BASE TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.802 & CL.803, TABLE 8/2. THE FORMATION IS TO BE PROOF ROLLED WITH A VIBRATORY ROLLER PRIOR TO PLACEMENT OF THE SUB-BASE MATERIAL BASED ON A CBR VALUE OF 3%.

WEED CONTROL FABRIC MAT TO CLAUSE 10.4.3. (d) TO SUFFOLK COUNTY COUNCIL SPECIFICATION

SUBGRADE BELOW FOOTWAYS TREATED WITH WEED KILLER PRIOR TO LAYING OF SUB-BASE

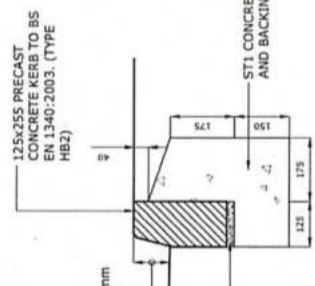
CYCLEWAY/FOOTWAY CONSTRUCTION

SCALE 1:25

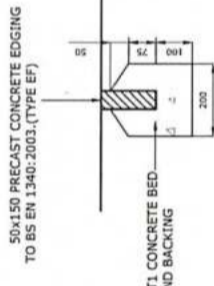


DROPPED KERB DETAIL
SCALE 1:10

NOTE: FALLS ON CROSSING AREA NOT TO EXCEED 1:12 ACROSS FOOTWAY



KERB DETAIL
SCALE 1:10

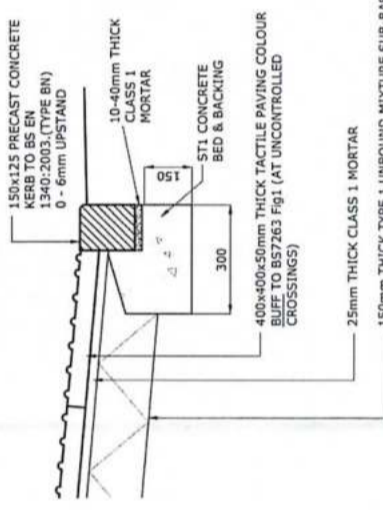


EDGING DETAIL
SCALE 1:10

TACTILE PAVING LAYOUT TO BE AGREED ON SITE TO THE SUFFOLK COUNTY COUNCIL SPECIFICATION AND THE SCC INSPECTING ENGINEER.

TYPICAL SECTION THROUGH PRAM CROSSING

SCALE 1:10



25mm THICK CLASS 1 MORTAR

150mm THICK TYPE 1 UNBOUND MIXTURE SUB-BASE TO CURRENT D.T.P. SPECIFICATION FOR HIGHWAY WORKS CL.802 & CL.803, TABLE 8/2. THE FORMATION IS TO BE PROOF ROLLED WITH A VIBRATORY ROLLER PRIOR TO PLACEMENT OF THE SUB-BASE MATERIAL BASED ON A CBR VALUE OF 5%.

NOTES

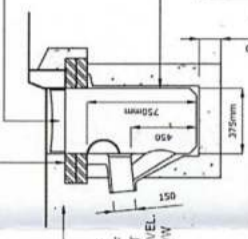
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED DRAWINGS AND SPECIFICATIONS. ANY DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS FOR CLARIFICATION.
- THE DRAWING IS RELATED TO THE PHOTOGRAPHIC SURVEY AND IS NOT TO BE USED FOR SURVEY SOLUTIONS. DRAWING NUMBERS 270206/01 TO 03 DATED NOV 2022.
- THE DRAWING IS BASED ON THE FIELDWORK RESEARCH PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS 020114-2022 & 003 C.
- ALL ACCEPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING UTILITIES AND THE RESPONSIBILITY FOR THE TRUTH AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ADJUSTMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PRACTICE.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2019.

GULLY GRATING AND FRAME SET 5mm BELOW CARRIAGEWAY 5mm BELOW SURFACE COURSE, FLUSH WITH KERB FACE. ANY GAP TO BE FILLED WITH CLASS 1 MORTAR.

WHERE GULLY CONNECTION PIPE PASSES UNDER THE CARRIAGEWAY THE INVERT OF THE PIPE AT THE OUTLET SHALL BE SET AT LEAST 175mm BELOW THE FORMATION LEVEL. THE INVERT SHALL BE AT LEAST 315 BELOW THE TOP OF THE SUB-BASE

ROAD GULLY DETAIL

SCALE 1:25



* WHERE THE TOTAL ROAD CONSTRUCTION DPTH EXCEEDS 450mm AND THE GULLY CONNECTION PIPE PASSES UNDER THE CARRIAGEWAY MORE THAN 3 COURSES WILL BE PERMITTED TO A MAXIMUM OF 5 COURSES

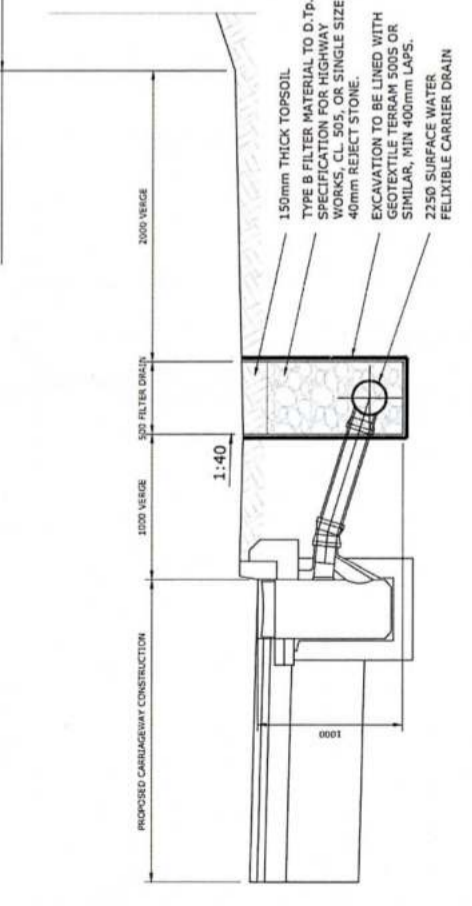
CLASS B ENGINEERING 225 BRICKWORK LAID SQUARE BEDDED ON CLASS 1 CEMENT MORTAR MINIMUM 1 COURSE MAXIMUM 3 COURSES

HEAVY DUTY DUCTILE IRON GULLY GRATE AND FRAME TO BS EN:124 CLASS D400 ON 10-20mm CLASS 1 CEMENT MORTAR BED. THE CLEAR OPENING TO BE APPROXIMATELY 370mm (ALONG KERBLINE) x 430mm TO GIVE A WATERWAY AREA OF APPROX. 1000cm². GRATE TO BE HINGED AND NON-REMOVABLE

REV	DATE	DESCRIPTION	BY	CHKD
1	14.03.22	ISSUED FOR TENDERS	CU	KRT
2	13.02.22	THEIR DETAIL ADDED.	CU	KRT
			DRW	CHD

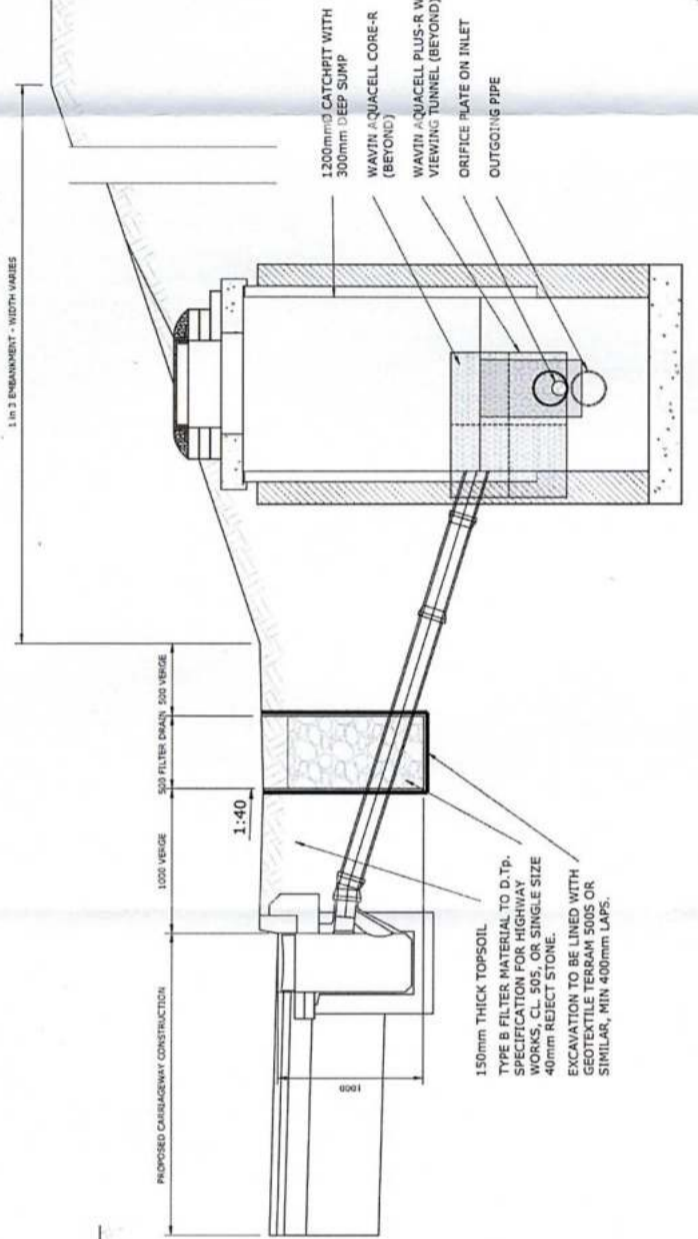
REVISIONS

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TYPICAL GULLY/FILTER DRAIN CONNECTION DETAIL (NORTHERN KERBLINE)

SCALE: 1:25



TYPICAL GULLY/FILTER DRAIN/ CATCHPIT/AQUACELL DETAIL (SOUTHERN KERBLINE)

SCALE: 1:25

Project
PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE

The
SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
CONSTRUCTION DETAILS
SHEET 4

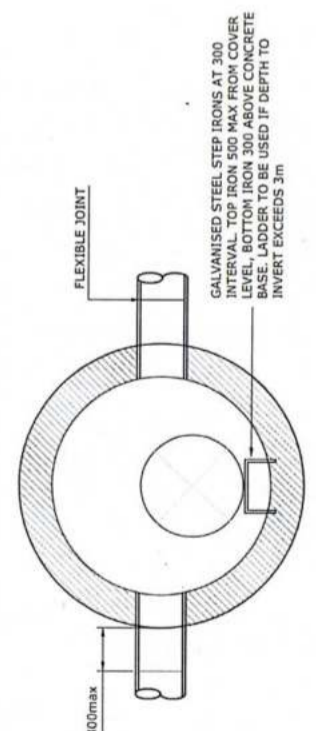
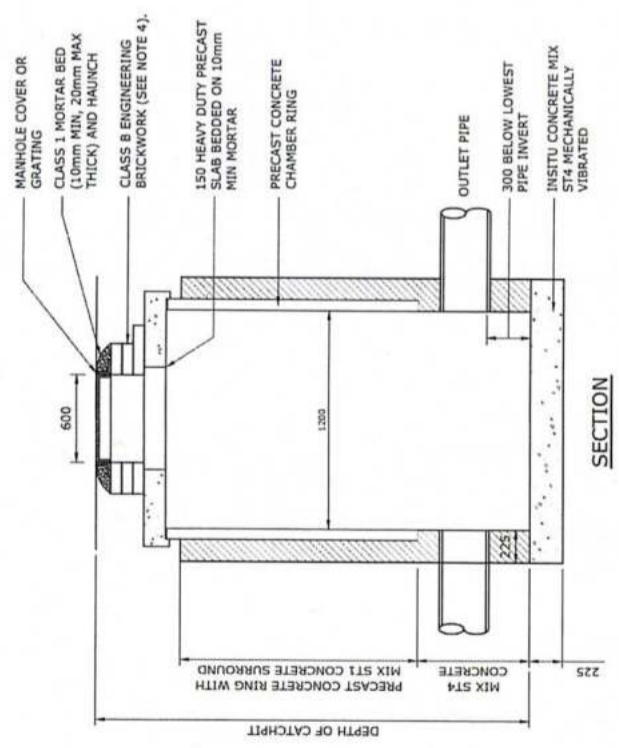
Client
BLOOR HOMES

SCALE	DATE	APPROVED
1:250 @ A1	JAN 2021	KRT
Job Manager	Checked	Approved
K. TOSH	KRT	KRT

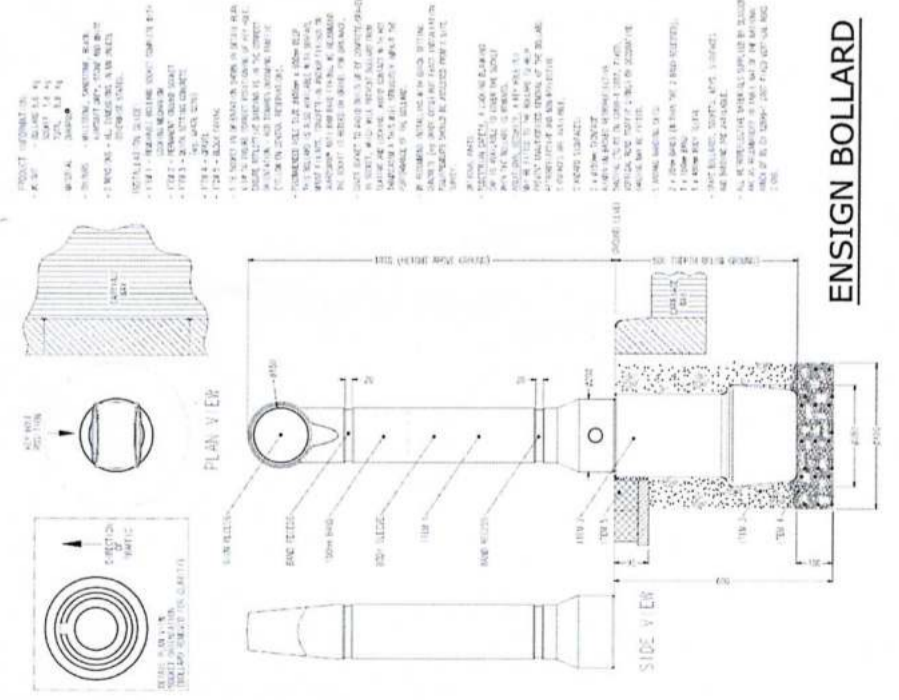
Richard Jackson Engineering Consultants

147 The Crescent, Chichester, East Sussex PO19 1JG
Tel: 01243 838383
Unit 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

DO NOT SCALE



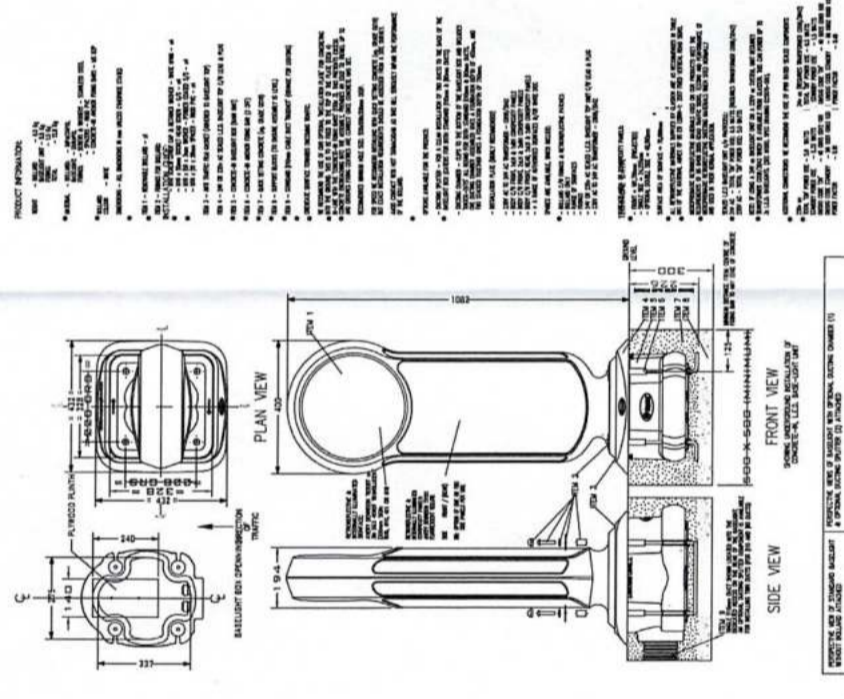
CATCHPIT MANHOLE
MODEL SPECIFICATION
MINI-ENSIGNSM BOLLARD - SOCKETED



ENSIGN BOLLARD

- CATCHPIT NOTES:**
- ALL DIMENSIONS IN MILLIMETRES
 - MANHOLE COVER & FRAME SHALL BE TO BS EN124 GRADE D400
 - HEAVY DUTY PRECAST COVER SLAB PLACED WITH OPENING AWAY FROM TRAFFIC WHEREVER POSSIBLE
 - WHERE CATCHPITS ARE CONSTRUCTED IN THE CARRIAGEWAY THE TOP OF THE SLAB WILL BE AT THE LEVEL OF THE ROAD SURFACE BETWEEN THE SLAB AND THE DEPTH OF THE CATCHPIT SHALL BE CONSTRUCTED IN ENGINEERING BRICKWORK, ELSEWHERE UP TO 3 COURSES MAY BE USED.
 - TAPER AND SHAFT RINGS MAY BE USED PROVIDED BOTTOM OF TAPER IS A MINIMUM OF 1.8m ABOVE CONCRETE BASE.
 - NUMBER OF PIPE OPENINGS AS DETAILED
 - ALL CARRIER PIPES SHALL HAVE THE SAME SOFFIT LEVEL UNLESS DETAILED OTHERWISE
 - A MINIMUM CLEAR OPENING IN COVER TO BE: RECTANGULAR - 700mm ACROSS DIAGONALLY, CIRCULAR - 700mm DIAMETER, TRIANGULAR - 700mm.

MODEL SPECIFICATION
REBOUND SIGNMASTERSM BOLLARD
(WITH CONCRETE-IN, IP67 RATED, L.E.D. BASE-LIGHT BOX)

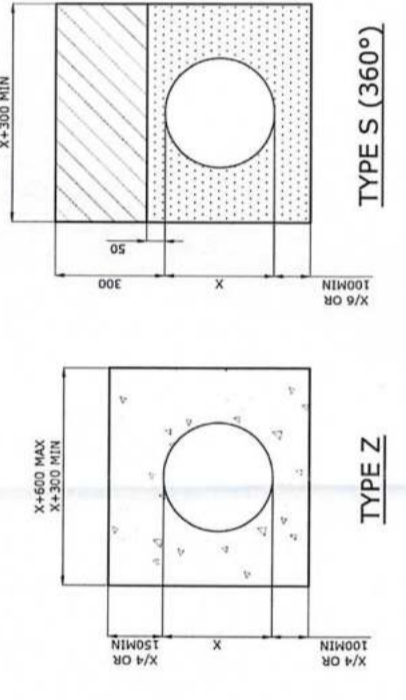


REBOUND SIGN MASTER BOLLARD

BEDDING DETAIL NOTES:

- ALL DIMENSIONS IN MILLIMETRES
- DIMENSION X IS THE EXTERNAL DIAMETER OF THE PIPE
- THE MINIMUM OR MAXIMUM WIDTH OF THE TRENCH APPLIES ON AND BELOW A LINE 300mm ABOVE THE OUTSIDE TOP OF THE PIPE. BE AS DESCRIBED IN CL7.7 OF SUFFOLK COUNTY COUNCIL (SCC) SPECIFICATION FOR ESTATE ROADS. FOR TYPE Z TRENCHES, COVER MAY BE FORMED TO A RADIUS BATTER OR HORIZONTAL SURFACE. MIN COVER OF CONCRETE SHALL BE 150mm
- FOR FLEXIBLE PIPES BED TYPE S ONLY IS PERMITTED
- FOR BED TYPE Z CONCRETE IS TO EXTEND FULL WIDTH OF TRENCH UNLESS SHUTTERED
- GRANULAR MATERIAL TO TABLE OF SPECIFICATION FOR ESTATE ROADS
- CONCRETE TO CL7.5 OF SCC SPECIFICATION FOR ESTATE ROADS (MIX S12)
- GRANULAR BACKFILL OF CL7.7 TO SCC SPECIFICATION FOR ESTATE ROADS
- FOR PIPES LESS THAN 1.2m COVER BELOW THE CARRIAGEWAY OR VEHICULAR CROSSINGS AND 0.9m BELOW FOOTWAYS AND SOFT LANDSCAPED AREAS ONLY RIGID PIPES WILL BE PERMITTED WITH TYPE Z BED & SURROUND.
- FOR FLEXIBLE PIPES USE TYPE S BED AND FOR RIGID PIPES USE EITHER TYPE A, Z, B OR S BED & SURROUND

SURFACE WATER DRAIN TRENCH & BEDDING DETAILS
SCALE 1:10



- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO LIST FOR CLARIFICATION.
 - THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEYORS, CHANGING NUMBERS REFER TO LIST FOR CLARIFICATION.
 - THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT MANAGEMENT PLANNING, CHANGING NUMBERS REFER TO LIST & 013
 - ALL ADAPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
 - THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL DIMENSIONS, LEVELS, POSITIONS, AND ALIGNMENT OF THE WORKS AND BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITIONS, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
 - THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PRACTICE.
 - ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

REV	DATE	DESCRIPTION	BY	CHKD	DRAWING CHGD
A	24.03.22	SOAWAY DETAIL REMOVED, FENCE & BOLLARD DETAILS ADDED.	CJ	MRT	

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO LIST FOR CLARIFICATION.

Project
PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE

Client
BLOOR HOMES

Section
SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
CONSTRUCTION DETAILS
SHEET 5 OF 5

Date
JAN 2021

Drawn
CU

Checked
JBO

Approved
MRT

RichardJackson
Engineering Consultants




487 The Crescent, Colchester, Essex CO1 1TJ
Tel: 01206 238800
Unit 54/2, 5th Floor, Adelphi Tower, 1 London Street, London EC3A 3DP
Tel: 020 7469 9950
5 Queen Street, 1st Floor, Deodar Building, Colchester CO1 3LD
Tel: 01203 219790
The Warehouse, South Park, Southminster, Chelmsford SS1 1PF
Tel: 01172 800500
Email: info@rj-engineering.co.uk Website: www.rj-engineering.co.uk

Drawing No.
60724/C/CR/064

Revision
A

Drawing Status
 INFORMATION APPROVAL COSTING AS CONSTRUCTED
 TENDER CONSTRUCTION

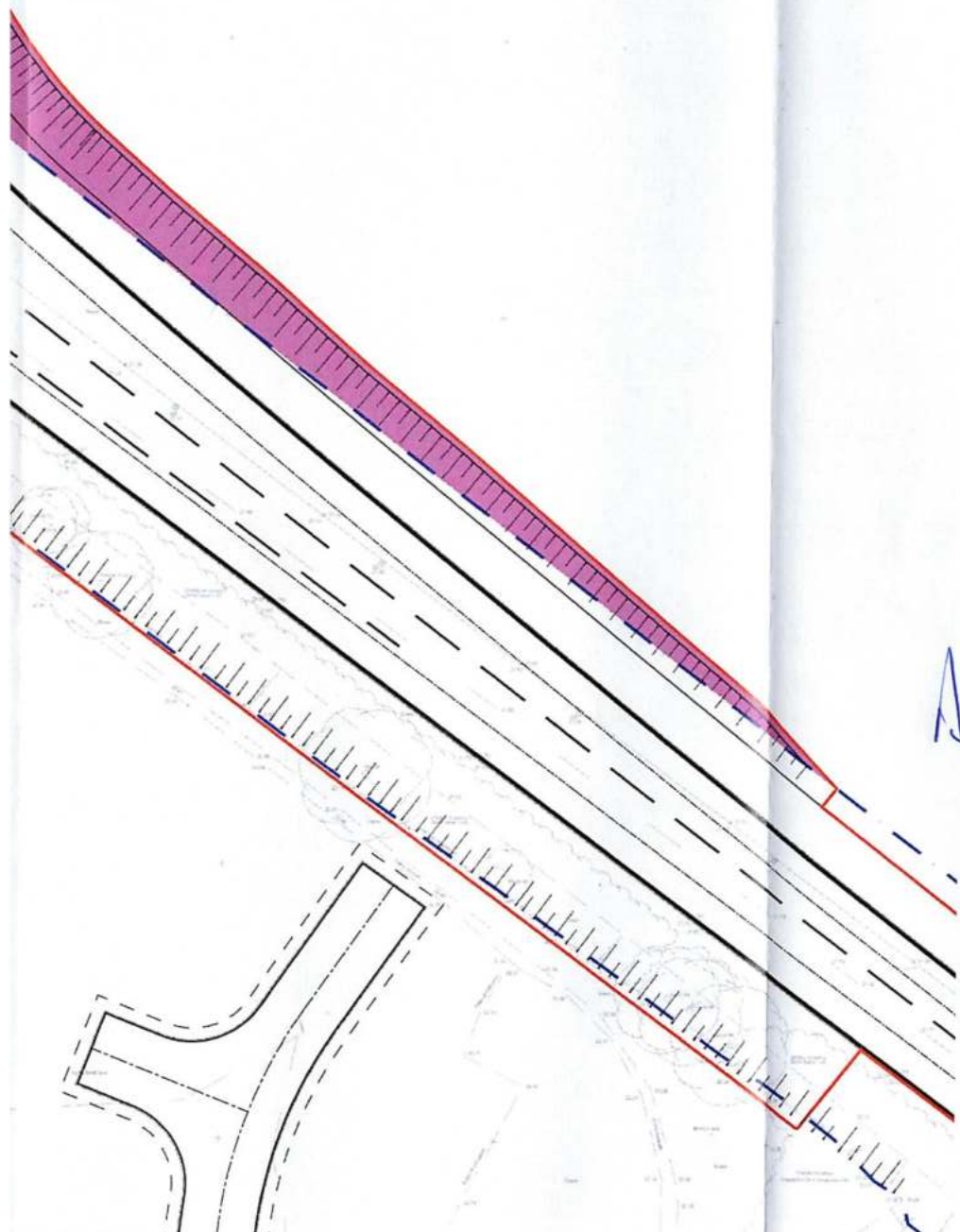
KEY

-  EXISTING HIGHWAY BOUNDARY
-  EXTENT OF SECTION 278 WORKS
-  DENOTES EXTENT OF PROPOSED HIGHWAY LAND TO BE OFFERED FOR ADOPTION TO SUFFOLK COUNTY COUNCIL

Handwritten initials: H.C.

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD, ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO RJD FOR CLARIFICATION.
2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBERS 272970e-01 TO 10, DATED NOV 2020.
3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBERS 65014-TA-002 & 003 C.
4. ALL ADOPTABLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
5. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.



REV	DATE	DESCRIPTION	DRAWN	CHKD
A	21.06.22	UPDATED IN ACCORDANCE WITH SCC REQUIREMENTS.	CJJ	KRT

REVISIONS
This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE**

Title
**SECTION 278 - CANDLET ROAD
LAND TO BE DEDICATED
FOR HIGHWAY WORKS
SHEET 2**

Client
BLOOR HOMES

Scale 1:250 @ A1	Drawn LST	Date FEBRUARY 2022
Job Manager K. TOSH	Checked CJJ	Approved CJJ

Richard Jackson Engineering Consultants

847 The Crescent, Colchester, Essex CO4 1YQ Tel: 01206 228800
 Unit 604U, 6th Floor, Aldgate Tower, 2 Lincolns Street, London E1 6PL Tel: 020 7449 9910
 3 Quern House, Mill Court, Great Shelford, Cambs CB22 5JZ Tel: 01223 314794
 4 The Old Church, St. Matthews Road, Norwich, Norfolk NR1 1SP Tel: 01603 220240
 The Wheatsheaf, Bonds Mill, Stanhouse, Gloucestershire GL12 3SF Tel: 01172 020070
 Email Address: info@rj.co.uk Website: <http://www.rj.co.uk>

Drawing No. 60724/C/CR/081	Revision A
Drawing Status <input type="checkbox"/> INFORMATION <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> COSTING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS CONSTRUCTED	

Handwritten notes: Update DS

Handwritten signatures and initials: [Signature]

DO NOT SCALE

NOTES
 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THIS DRAWING FOR CLARIFICATION.
 2. THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 27018411 TO 10, DATED 07/07/2020.
 3. THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY BLOOR HOMES TRANSPORT PLANNING, DRAWING NUMBER 1501-17-002 & 003.
 4. ALL ROADWAY WORKS TO BE IN ACCORDANCE WITH SUPERIOR COUNTY COUNCILS SPECIFICATION FOR ESTATE ROADS, MAY 2007 AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
 5. THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL EXISTING UTILITIES AND RECORD THEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL NEW UTILITIES AND THE CONNECTIONS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
 7. THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
 8. ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 9. ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2017.
 10. ALL ROAD SIGNS TO HAVE A MINIMUM 500MM CLEARANCE FROM EDGE OF CARRIAGEWAY.
 11. ALL ADVANCED DIRECTIONAL SIGNS ARE TO HAVE PASSENGER SAFE POST SIZES AS DEFINED IN THE STRUCTURAL CALCULATIONS OF THE ROAD SIGNS SCHEDULE.
 12. PASSIVELY SAFE POSTS ARE TO BE BY 'MANIPULABLE SAFETY POSTS' (MSP) OR SIMILAR APPROVED.
 13. ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTER 4 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.
 14. ALL ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTERS 3 (2019), 4 (2018) & 7 (2018), AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.

ROAD MARKINGS

DIAGRAM REFERENCE	LINE LENGTH (mm)	GAP (mm)	WIDTH (mm)	COLOUR	LOCATION	COMMENTS
1004	4000	2000	150	White	A154 West	Lane Centreline
1004	4000	2000	150	White	A154 East	Lane Centreline
1004	4000	2000	100	White	Spine Road	Lane Centreline
1004	4000	2000	150	White	Roundabout	Lane Centreline
1004.1	6000	3000	150	White	Dock Spur RB	Lane Centreline
1005	1000	5000	150	White	A154 West	Lane Centreline
1009A	600	300	300	White	Roundabout	Give Way Line
1012.1	Continuous		150	White	All	Edge of Carriageway
1013.1A	Continuous	175	150	White	A154 West	Double White Lines
1038	6000			White	A154 West	Arrow Ahead
1038	600			White	A154 West	Arrow Left
1040.3	Varies @ 45°	3000	150	White	A154 West	Dividing Opposing Flows
1040.4	Varies @ 45°	3000	150	White	Dock Spur RB	Hatched Markings
1041	Varies @ 45°	3000	150	White	Dock Spur RB	Alterations to Existing

EXISTING ROAD MARKINGS

—	Road Markings shown green denotes existing to be re-painted
—	Road Markings shown faint denotes existing to be retained
—	Road Markings shown blue denotes existing to be removed

ROAD STUDS

■	Directional at Diag.1004 @ 6m Centers	White	A154 West
■	Directional at Diag.1005 @ 12m Centers	White	A154 West
■	Bidirectional at Diag.1013.1A @ 4.5m Centers	Amber	A154 West
■	Directional at Diag.1040.3 @ 9m Centers	Amber	A154 West
■	Directional at Diag.1004 @ 6m Centers	White	A154 East

REVISIONS

REV	DATE	DESCRIPTION	BY	CHKD
H	01.11.21	ISSUANCE AND ROAD MARKINGS TABLE UPDATED.	CJI	KRT
G	12.04.21	LEGEND UPDATED TO INCLUDE ROAD MARKINGS TO BE REMOVED, DESTINATION APPROACH TO DOCKSPUR ROUNDABOUT.	CJI	KRT
F	20.03.21	REVISED TO ADDRESS COMMENTS DATED 04.03.2021.	CJI	KRT
E	09.09.20	RS28 BOUNDARY REVISED.	CJI	ESH
D	13.07.20	RS2 & RS13 LOCATION REVISED.	CJI	KRT
C	21.09.20	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJI	KRT
B	18.03.20	UPDATED TO SOC COMMENTS.	CJI	KRT
A	15.10.19	SURFACE WATER PROPOSALS REMOVED.	CJI	KRT

NOTES
 This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

PROJECT
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

THE
 SECTION 278 - CANDLET ROAD
 PROPOSED ROUNDABOUT
 SIGNS AND ROAD MARKINGS
 SHEET 2

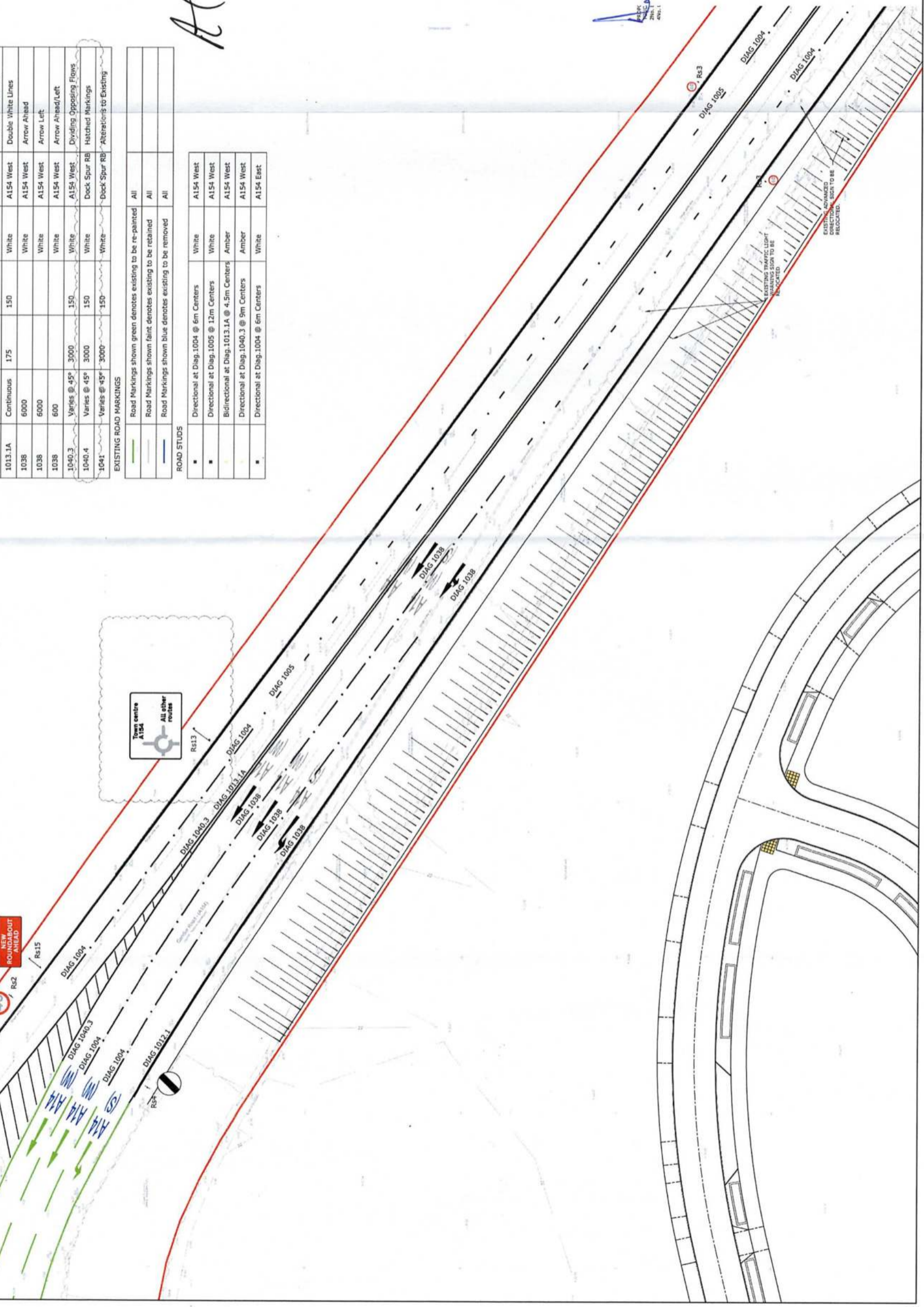
Client: BLOOR HOMES
Drawn: K. TOSH
Checked: CJI
Approved: KRT
Date: JAN 2021

RichardJackson
 Engineering Consultants
 847 The Crescent, Colchester, Essex CO1 1YQ
 Unit 16-18, Elm Park, Aldgate Lane, 2 Limer Street, London E1 6JF
 5 Queen House, 101 Court, Great Portland Street, London W1P 9LP
 The Warehouse, South Hill, Stockport, Cheshire SK12 3AF
 Email: info@rj.co.uk Website: www.rj.co.uk

Drawing No: 60724/C/CR/030
Revision: H

Drawing Status:
 TENDER
 INFORMATION
 APPROVAL
 CONSTRUCTION
 AS CONSTRUCTED
 OBTAINING

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NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THE LATEST FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 278/2021/1 TO 10, DATED 16/07/2021.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBER 0581-1/16-001 & 002.
- ALL ROADWAY WORKS TO BE IN ACCORDANCE WITH GUYANA COUNTY COUNCILS SPECIFICATION FOR ESTAB. ROADS, MAY 2007 AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL THE SETTING OUT DIMENSIONS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.
- ALL ROAD SIGNS TO HAVE A MINIMUM 500MM CLEARANCE FROM EDGE OF CARRIAGEWAY.
- ALL ADVANCED SECTIONAL SIGNS ARE TO HAVE PROPERLY SIZED POST SIZES AS DEFINED IN THE STRUCTURAL CALCULATIONS OF THE ROAD SIGNS SCHEDULE.
- PASTELINE MARKINGS ARE TO BE BY "FRANGIBLE SAFETY POSTS" (FSP) OR SIMILAR APPROVED.
- ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTER 5 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.
- ALL ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTERS 3 (2019), 4 (2018) & 7 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.

REVISIONS

REV.	DATE	DESCRIPTION	DRAWN	CHKD
F	02.11.21	ISSUANCE AND ROAD MARKINGS TABLE	CJI	KRT
E	12.04.23	LEGEND UPDATED TO INCLUDE ROAD MARKINGS TO BE REMOVED.	CJI	KRT
D	26.03.23	UPDATE TO ROAD MARKINGS COMMENTS DATED 04.03.2023	CJI	KRT
C	21.06.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJI	KRT
B	18.03.22	UPDATED TO SOC COMMENTS.	CJI	KRT
A	15.10.21	SURFACE WATER REMOVED, FOOTWAY PROPOSALS & SIGNS REVISED.	CJI	KRT

This drawing is to be read in conjunction with all other Engineer's drawings and all other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Project
PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE

Title
SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
SIGNS AND ROAD MARKINGS
SHEET 4

Client
BLOOR HOMES

Scale	Drawn	Date
1:250 @ A1	HT	JAN 2021
Job Manager	Checked	Approved
K. TOSH	CJI	KRT

RichardJackson
Engineering Consultants

187 The Courtyard, Commercial, Broomfield, Essex, SS16 5LQ
 Unit 6/6/2, 6th Floor, Aljuraj Tower, 2, Leman Street, London E1 6AA
 5 Queen Anne, 1st Floor, Great Portland, Regents Park, London NW1 3AA
 The Washhouse, Birch Hill, Chesham, Bucks HP8 4JF
 Email Address: info@rjackson.co.uk
 Website: www.rjackson.co.uk

Drawing No: 60724/C/CR/032
 Revision: F

Drawing Status:
 INFORMATION
 TENDER
 APPROVAL
 AS CONSTRUCTED
 COSTING
 CONSTRUCTION

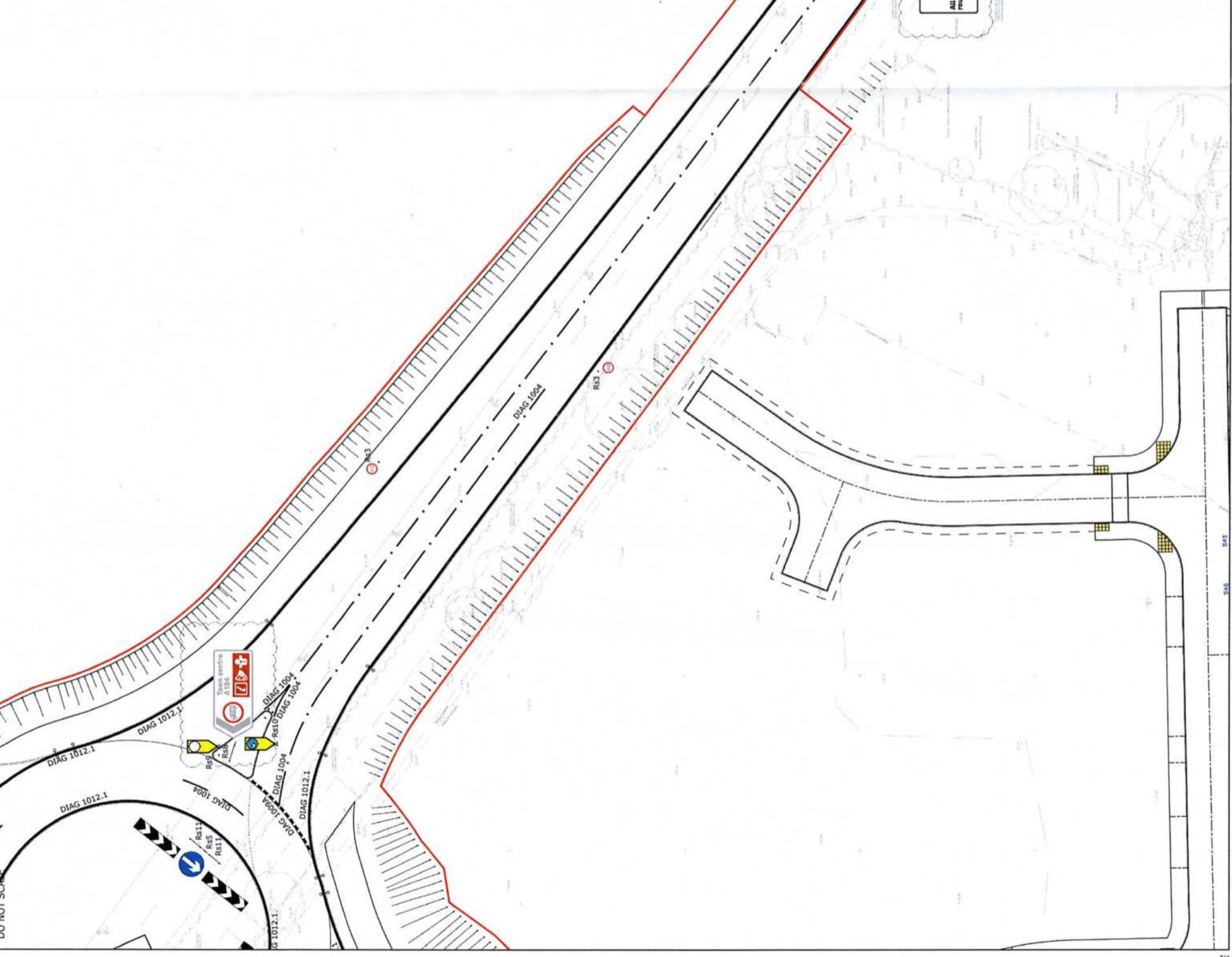
DIAGRAM REFERENCE	LINE LENGTH (mm)	GAP (mm)	WIDTH (mm)	COLOUR	LOCATION	COMMENTS
1004	4000	2000	150	White	A154 West	Lane Centreline
1004	4000	2000	150	White	A154 East	Lane Centreline
1004	4000	2000	100	White	Spine Road	Lane Centreline
1004	4000	2000	150	White	Roundabout	Lane Centreline
1004.1	6000	3000	150	White	Dock Spur RB	Lane Centreline
1005	1000	5000	150	White	A154 West	Lane Centreline
1009A	600	300	300	White	Roundabout	Give Way Line
1012.1	Continuous		150	White	All	Edge of Carriageway
1013.1A	Continuous	175	150	White	A154 West	Double White Lines
1038	6000			White	A154 West	Arrow Ahead
1038	6000			White	A154 West	Arrow Left
1038	600			White	A154 West	Arrow Ahead/Left
1040.3	Varies @ 45°	3000	150	White	A154 West	Dividing Opposing Flows
1040.4	Varies @ 45°	3000	150	White	Dock Spur RB	Hatched Markings
1041	Varies @ 45°	3000	150	White	Dock Spur RB	Alterations to Existing

EXISTING ROAD MARKINGS

- Road Markings shown green denotes existing to be re-painted
- Road Markings shown faint denotes existing to be retained
- Road Markings shown blue denotes existing to be removed

ROAD STUDS

Directional at Diag.1004 @ 6m Centers	White	A154 West
Directional at Diag.1005 @ 12m Centers	White	A154 West
Bidirectional at Diag.1013.1A @ 4.5m Centers	Amber	A154 West
Directional at Diag.1040.3 @ 9m Centers	Amber	A154 West
Directional at Diag.1004 @ 6m Centers	White	A154 East

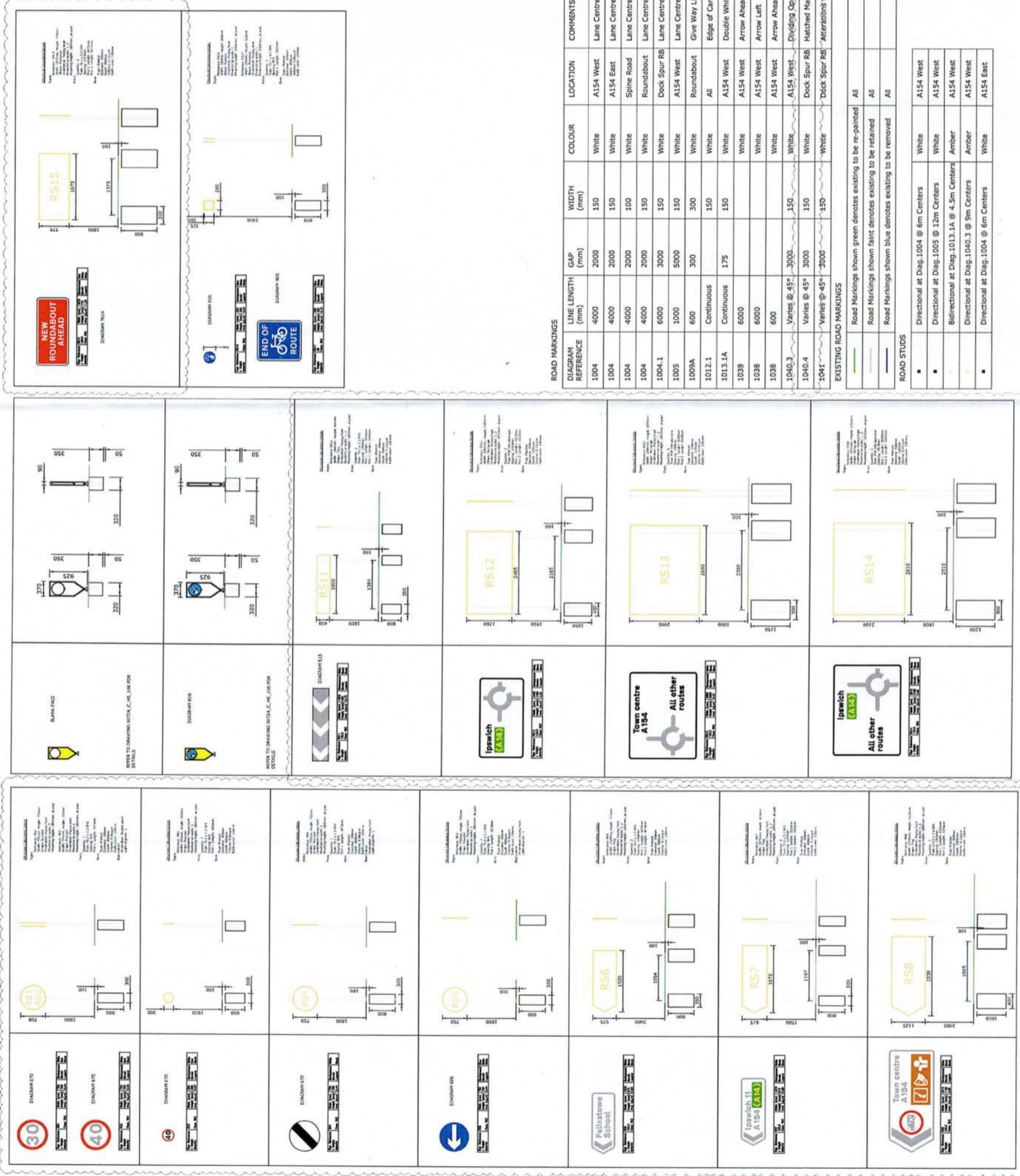


NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO THE LATEST FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 278/2021/1 TO 10, DATED 16/07/2021.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING, DRAWING NUMBER 0581-1/16-001 & 002.
- ALL ROADWAY WORKS TO BE IN ACCORDANCE WITH GUYANA COUNTY COUNCILS SPECIFICATION FOR ESTAB. ROADS, MAY 2007 AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL THE SETTING OUT DIMENSIONS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.
- ALL ROAD SIGNS TO HAVE A MINIMUM 500MM CLEARANCE FROM EDGE OF CARRIAGEWAY.
- ALL ADVANCED SECTIONAL SIGNS ARE TO HAVE PROPERLY SIZED POST SIZES AS DEFINED IN THE STRUCTURAL CALCULATIONS OF THE ROAD SIGNS SCHEDULE.
- PASTELINE MARKINGS ARE TO BE BY "FRANGIBLE SAFETY POSTS" (FSP) OR SIMILAR APPROVED.
- ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTER 5 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.
- ALL ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTERS 3 (2019), 4 (2018) & 7 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.

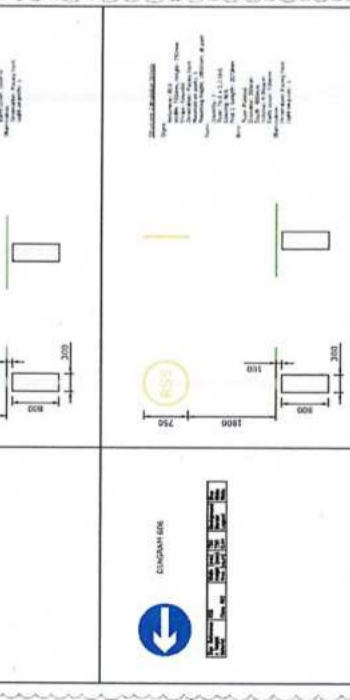
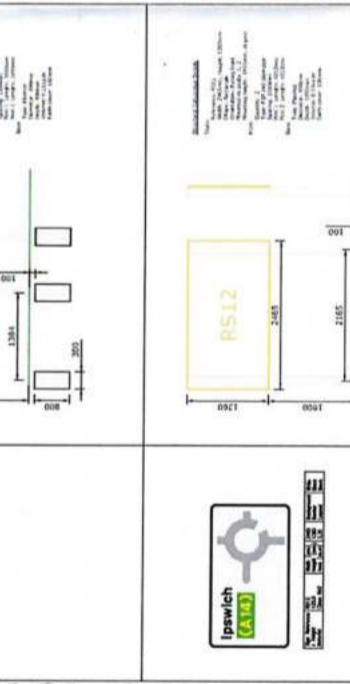
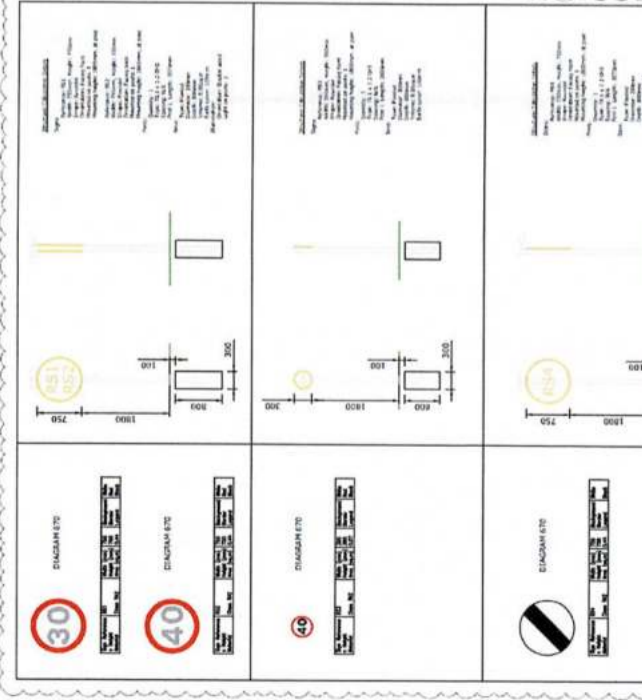
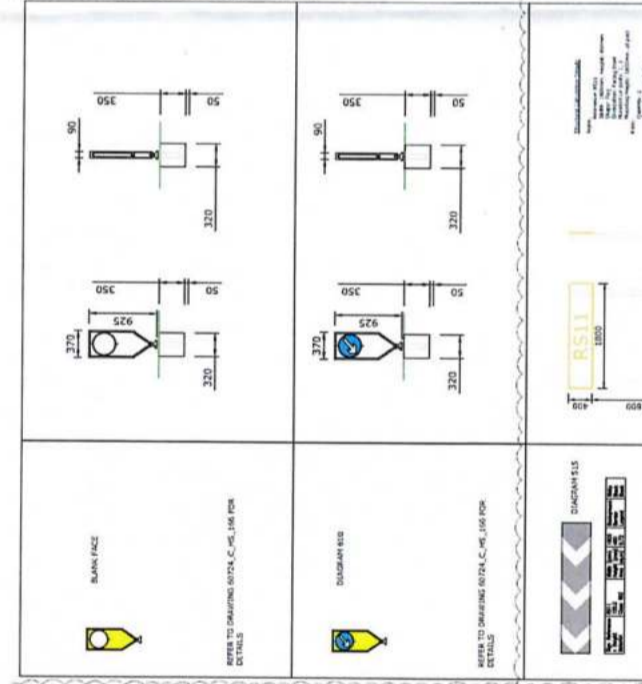
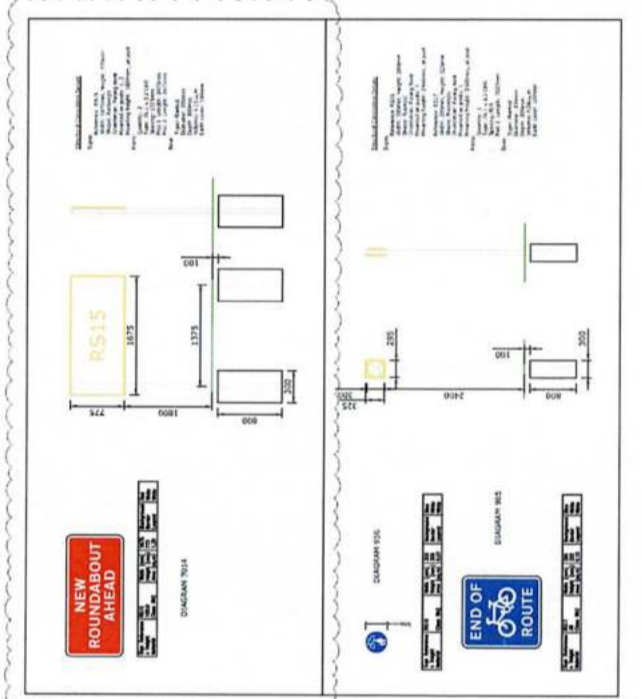
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DO NOT SCALE



NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SURVEYORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO AID FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER 27291641 TO 10 DATED NOV 2021.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY PRECIPITANT TRANSPORT PLANNING, DRAWING NUMBER 15514-14-02 & 03.
- ALL ROADWORKS TO BE IN ACCORDANCE WITH HIGHWAY COUNCILS SPECIFICATION FOR ESTATE ROADS, MAY 2007 AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DIMENSIONS AND THE CONNECTIONS OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.
- ALL ROAD SIGNS TO HAVE A MINIMUM 500mm CLEARANCE FROM EDGE OF CARREGWAY.
- ALL ADVANCED POSITIONAL SIGNS ARE TO HAVE PASSIVE SAFETY POST SIZES AS DEFINED IN THE STRUCTURAL CALCULATIONS OF THE ROAD SIGNS SCHEDULE.
- PASSIVE SAFETY POSTS ARE TO BE BY TRIANGULAR SAFETY POSTS (TSP) OR SIMILAR APPROVED.
- ALL ROAD MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTER 5 (2017) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.
- ALL ROAD SIGNS ARE TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL, CHAPTERS 3 (2016), 4 (2018) & 7 (2018) AND THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2017.



ROAD MARKINGS

DIAGRAM REFERENCE	LINE LENGTH (mm)	GAP (mm)	WIDTH (mm)	COLOUR	LOCATION	COMMENTS
1004	4000	2000	150	White	A154 West	Lane Centreline
1004	4000	2000	150	White	A154 East	Lane Centreline
1004	4000	2000	100	White	Spine Road	Lane Centreline
1004	4000	2000	150	White	Roundabout	Lane Centreline
1004.1	6000	3000	150	White	Dock Spur RB	Lane Centreline
1005	1000	5000	150	White	A154 West	Lane Centreline
1009A	600	300	300	White	Roundabout	Give Way Line
1012.1	Continuous		150	White	All	Edge of Carregeway
1013.1A	Continuous	175	150	White	A154 West	Double White Lines
1038	6000			White	A154 West	Arrow Ahead
1038	6000			White	A154 West	Arrow Left
1038	600			White	A154 West	Arrow Ahead/Left
1040.3	Varies @ 45°	3000	150	White	A154 West	Dividing Opposing Flows
1040.4	Varies @ 45°	3000	150	White	Dock Spur RB	Hatched Markings
1041	Varies @ 45°	3000	150	White	Dock Spur RB	Alterations to Existing

EXISTING ROAD MARKINGS

—	Road Markings shown green denotes existing to be re-painted
—	Road Markings shown faint denotes existing to be retained
—	Road Markings shown blue denotes existing to be removed

ROAD STUDS

■	Directional at Diag.1004 @ 6m Centers	White	A154 West
■	Directional at Diag.1005 @ 12m Centers	White	A154 West
■	Bidirectional at Diag.1013.1A @ 4.5m Centers	Amber	A154 West
■	Directional at Diag.1040.3 @ 9m Centers	Amber	A154 West
■	Directional at Diag.1004 @ 6m Centers	White	A154 East

REVISIONS

REV	DATE	DESCRIPTION	DRAWN	CHKD
F	02.11.22	SIGNAGE AND ROAD MARKINGS TABLE UPDATED.	CJJ	MRT
E	12.04.23	MODIFIED TO INCLUDE ROAD MARKINGS	CJJ	MRT
D	30.03.23	REVISED TO AVOID COMMENTS DATED 14.03.2023.	CJJ	MRT
C	22.09.22	FELIXSTOWE ACADEMY SIGN REVISED TO FELIXSTOWE SCHOOL.	CJJ	MRT
B	13.07.22	ROAD SIGNS & HIGH REVISIONS TO ILLUSTRATED SIGNS.	CJJ	MRT
A	21.04.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJJ	MRT

This drawing is to be read in conjunction with all related Richard Jackson Ltd. Architects & Surveyors drawings and other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.

Project:
PROPOSED DEVELOPMENT
CANDLET ROAD/HIGH STREET
FELIXSTOWE

Title:
SECTION 278 - CANDLET ROAD
PROPOSED ROUNDABOUT
SIGNS AND ROAD MARKINGS
SCHEDULES-SHEET 5

Client:
BLOOR HOMES

Scale:
 1:200 @ A1
Drawn:
 HT
Checked:
 CJJ
Job Manager:
 K. TOSH
Approved:
 MRT

DATE:
 JAN 2021

Revision No.:
60724/C/CR/033














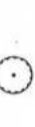
Revision:
F

Richard Jackson Engineering Consultants
 1st Floor, 100, High Street, Ipswich, Suffolk, IP1 1AA
 Tel: 01473 214500
 Fax: 01473 214501
 Email: info@rj-engineering.co.uk
 Website: www.rj-engineering.co.uk

Drawing Status:
 INFORMATION
 TENDER
 APPROVAL
 CONSTRUCTION
 AS CONSTRUCTED
 COSTING

DO NOT SCALE

SECTION 278 EXTENTS

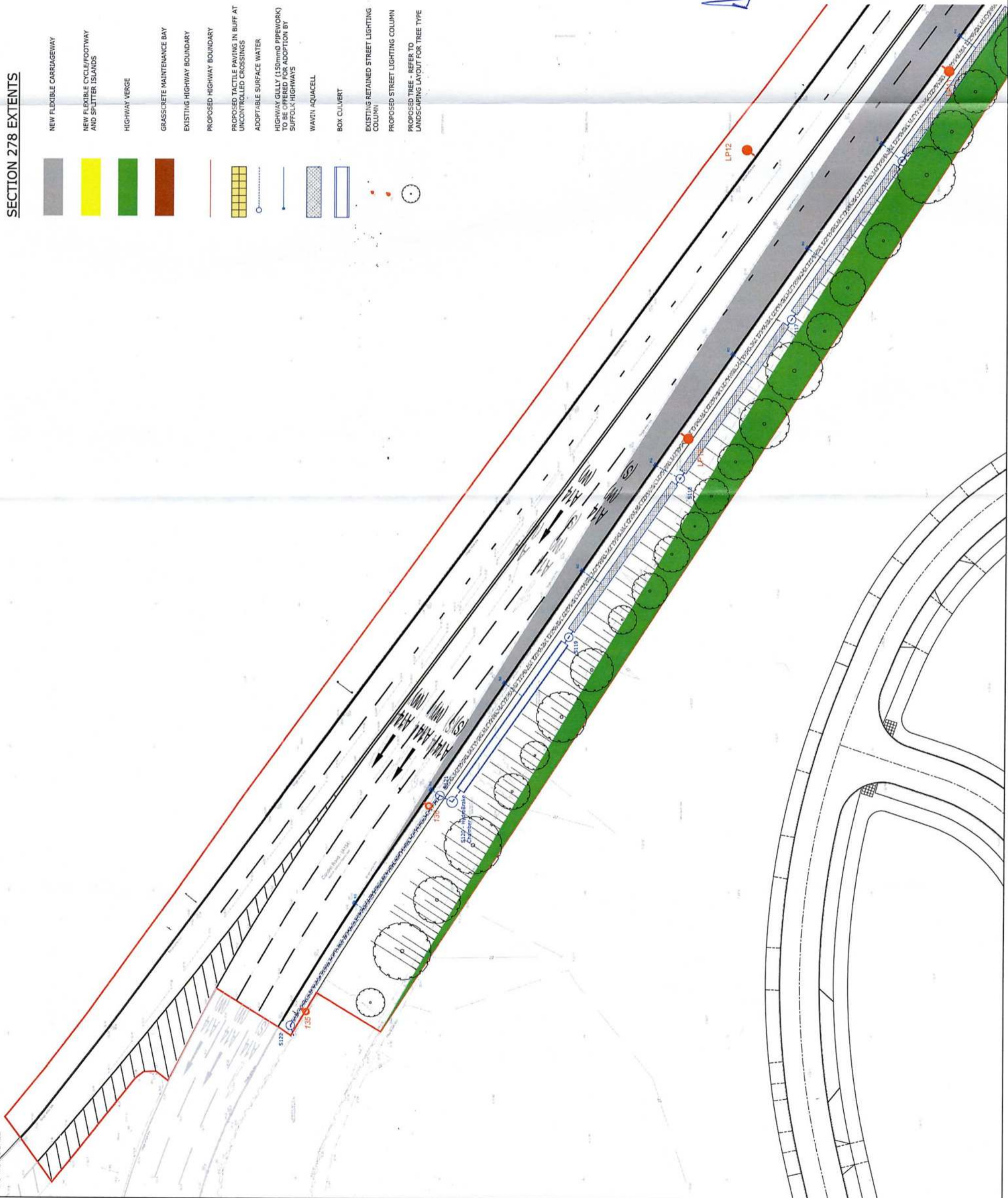
-  NEW FLEXIBLE CARRIAGEWAY
-  NEW FLEXIBLE CYCLE/FOOTWAY AND SPITTER ISLANDS
-  HIGHWAY VERGE
-  GRASSCRETE MAINTENANCE BAY
-  EXISTING HIGHWAY BOUNDARY
-  PROPOSED HIGHWAY BOUNDARY
-  PROPOSED TACTILE PAVING IN BUFF AT UNCONTROLLED CROSSINGS
-  ADAPTIBLE SURFACE WATER
-  HIGHWAY GULLY (150mmØ PIPEWORK) TO BE OFFERED FOR ADOPTION BY SUFFOLK HIGHWAYS
-  WASTWATER AQUACELL
-  BOX CULVERT
-  EXISTING RETAINED STREET LIGHTING COLUMN
-  PROPOSED STREET LIGHTING COLUMN
-  PROPOSED TREE - REFER TO LANDSCAPING LAYOUT FOR TREE TYPE

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO E120 FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS. DRAWING NUMBER S278/16-21 IS DATED NOV 2022.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY DEVELOPMENT TRANSPORT PLANNING. DRAWING NUMBERS S101-14-02 & 033 C.
- ALL ADAPTIBLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2014.

Handwritten initials: H.

Handwritten signature: [Signature]



REV.	DATE	DESCRIPTION	DRAWN	CHECKED
B	24.08.22	STREET LIGHTING & TREES ADDED.	CJI	KIT
A	21.08.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT.	CJI	KIT

REVISIONS

This drawing is to be read in conjunction with all other project drawings and other project information. Any discrepancies between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

Title
 SECTION 278 - CANDLET ROAD
 SECTION 278 ADAPTIBLE WORKS
 SHEET 1

Client
 BLOOR HOMES

DATE	DRAWN	CHECKED	APPROVED
1:20 @ A1	LET	CJI	CJI
FEBRUARY 2022			

Richard Jackson Engineering Consultants















147 The Crescent, Colchester, Essex, CO1 1NS. Tel: 01206 226622
 100 High Street, Malden, Essex, SA9 8JL. Tel: 01465 748810
 2 Quays House, Pitt Court, Great Shelford, Cambs CB22 3DQ. Tel: 01223 247474
 The Old Rectory, 100 High Street, Malden, Essex, SA9 8JL. Tel: 01206 226622
 The Old Rectory, 100 High Street, Malden, Essex, SA9 8JL. Tel: 01206 226622

Drawing No.	60724/C/CR/090	Revision	B
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Drawing Status
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED

DO NOT SCALE

SECTION 278 EXTENTS

-  NEW FLEXIBLE CARRIAGEWAY
-  NEW FLEXIBLE CYCLE/FOOTWAY AND SPLITTER ISLANDS
-  HIGHWAY VERGE
-  GRASSCETE MAINTENANCE BAY
-  EXISTING HIGHWAY BOUNDARY
-  PROPOSED HIGHWAY BOUNDARY
-  PROPOSED TACTILE PAVING IN BUFF AT UNCONTROLLED CROSSINGS
-  ADAPTIBLE SURFACE WATER
-  HIGHWAY GULLY (150mmØ PIPEWORK) TO BE OFFERED FOR ADOPTION BY SUFFOLK HIGHWAYS
-  WADVI AQUACELL
-  BOX CULVERT
-  EXISTING RETAINED STREET LIGHTING COLUMN
-  PROPOSED STREET LIGHTING COLUMN
-  PROPOSED TREE - REFER TO LANDSCAPING LAYOUT FOR TREE TYPE

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO LUT0 FOR CLARIFICATION.
 - THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS. DRAWING NUMBERS 278/001 TO 10 DATED NOV 2021.
 - THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY SURVEY SOLUTIONS TRANSPORT PLANNING. DRAWING NUMBERS 278/002 & 003 CARRIED OUT TO THEIR FULL SATISFACTION.
 - ALL ADAPTIBLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
 - THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONNECTIONS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
 - THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
 - ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
 - ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTIONS 2016.

A.

[Handwritten signature]

REV	DATE	DESCRIPTION	DRAWN	CHKD
B	24.09.22	TRIAL LIGHTING, TREES AND GRASSCETE MAINTENANCE BAY ADDED	CIJ	KET
A	21.09.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT & SCC REQUIREMENTS	CIJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other drawings and other project information. Any discrepancy between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
**PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE**

Title
**SECTION 278 - CANDLET ROAD
 SECTION 278 ADAPTIBLE WORKS
 SHEET 1**

Client
BLOOR HOMES

[Handwritten signature]

Scale	Drawn	DATE	Checked	Approved
1:250 @ A1	LET	FEBRUARY 2022	CIJ	CIJ
Job Manager				
A. TOSH				

Richard Jackson
 Engineering Consultants








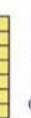

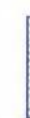




447 The Crescent, Colchester, Essex CO1 1NS Tel: 01206 320000
 Unit 10/11, 8th Floor, Aldgate Tower, 2 Leman Street, London E1 9RN Tel: 020 7496 8100
 2 Quays House, 4th Floor, Great Staircase, Ipswich IP1 1LQ Tel: 01473 347474
 The Old Rectory, 10, The Rectory Road, Norwich, Norfolk NR1 1SP Tel: 01603 200000
 Don't Address, 200/201, 4th Floor, 100 Broad Street, Birmingham B1 2JG Tel: 0121 633 3000

Drawing No. **60724/C/CR/091** Revision **B**

Drawing Status
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED

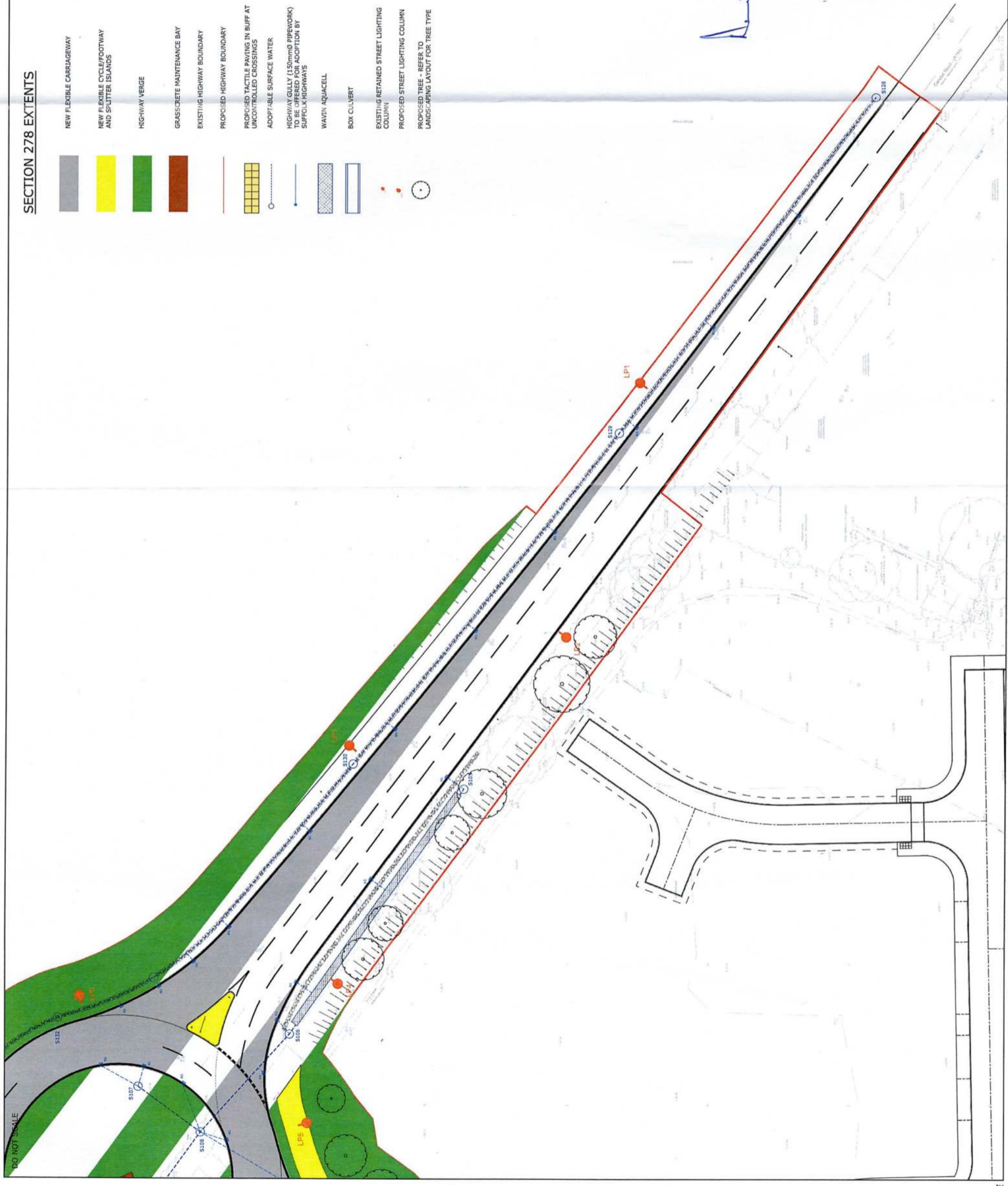


SECTION 278 EXTENTS

-  NEW FLEXIBLE CARRIAGEWAY
-  NEW FLEXIBLE CYCLE/FOOTWAY AND SPLITTER ISLANDS
-  HIGHWAY VERGE
-  GRASSCRETE MAINTENANCE BAY
-  EXISTING HIGHWAY BOUNDARY
-  PROPOSED HIGHWAY BOUNDARY
-  PROPOSED TACTILE PAVING IN BUFF AT UNCONTROLLED CROSSINGS
-  ADAPTIBLE SURFACE WATER
-  HIGHWAY GULLY (150mmØ PIPEWORK) TO BE OFFERED FOR ADOPTION BY SUFFOLK HIGHWAYS
-  WAVIN AQUACELL
-  BOX CULVERT
-  EXISTING RETAINED STREET LIGHTING COLUMN
-  PROPOSED STREET LIGHTING COLUMN
-  PROPOSED TREE - REFER TO LANDSCAPING LAYOUT FOR TREE TYPE

NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED RICHARD JACKSON LTD. ARCHITECTS & SUB-CONTRACTORS DRAWINGS. IN THE CASE OF DISCREPANCIES BETWEEN DRAWINGS REFER TO LATEST FOR CLARIFICATION.
- THIS DRAWING IS RELATED TO THE TOPOGRAPHICAL SURVEY UNDERTAKEN BY SURVEY SOLUTIONS, DRAWING NUMBER S278/01-21 DATED NOV 2021.
- THIS DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY SURVEY SOLUTIONS, DRAWING NUMBER S278/01-21 DATED NOV 2021.
- THE DRAWING IS BASED ON THE PRELIMINARY PROPOSALS PREPARED BY SURVEY SOLUTIONS, DRAWING NUMBER S278/01-21 DATED NOV 2021.
- ALL ADAPTIBLE HIGHWAY WORKS TO BE IN ACCORDANCE WITH SUFFOLK COUNTY COUNCIL HIGHWAY SPECIFICATIONS AND THE WORKS SHALL BE CARRIED OUT TO THEIR FULL SATISFACTION.
- THE CONTRACTOR SHALL BEFORE COMMENCING THE WORKS, VERIFY ALL CITY AND SETTING OUT DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL DIMENSIONS AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING SERVICES AFFECTED BY THE WORKS.
- THE CONTRACTOR IS TO PROTECT EXISTING BURIED PIPES (PARTICULARLY SHALLOW PIPES) AND TREE ROOTS FROM DAMAGE IMPOSED BY LOADS AND CONSTRUCTION PLANT.
- ANY UNIDENTIFIED HAZARDS DISCOVERED DURING THE PROGRESS OF WORKS ARE TO BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL ROAD SIGNS AND MARKINGS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS AND GENERAL DIRECTION 221A.



Handwritten initials: R.A. and a signature.

REV.	DATE	DESCRIPTION	DRAWN	CHKD
B	24.05.22	STREET LIGHTING & TREES ADDED	CJ	KRT
A	21.05.22	UPDATED IN ACCORDANCE WITH STAGE 2 ROAD SAFETY AUDIT & SSC REQUIREMENTS	CJ	KRT

REVISIONS

This drawing is to be read in conjunction with all other drawings and other project information. Any discrepancies between the Engineer's drawings and other project information is to be reported to the Engineer immediately.



Project
 PROPOSED DEVELOPMENT
 CANDLET ROAD/HIGH STREET
 FELIXSTOWE

Title
 SECTION 278 - CANDLET ROAD
 SECTION 278 ADOPTABLE WORKS
 SHEET 3

Client
 BLOOR HOMES

Scale	Drawn	Date
1:250 @ A1	LIST	FEBRUARY 2022
Job Manager	Checked	Approved
K. TOSH	CJ	CJ

Richard Jackson Engineering Consultants

147 The Crescent, Colchester, Essex, CO2 8JG. Tel: 01206 226600
 14th Floor, 147 The Crescent, Colchester, Essex, CO2 8JG. Tel: 020 7488 9500
 5 Queen's House, 4th Floor, 147 The Crescent, Colchester, Essex, CO2 8JG. Tel: 01206 226600
 The Richard Jackson Group, 147 The Crescent, Colchester, Essex, CO2 8JG. Tel: 01206 226600
 Email: richard.jackson@rjackson.co.uk Website: www.rjackson.co.uk

Drawing No: **60724/C/CR/092** Revision: **B**

Drawing Status:
 INFORMATION APPROVAL COSTING
 TENDER CONSTRUCTION AS CONSTRUCTED

