

DATED 8th May 2025

SUFFOLK COUNTY COUNCIL (1)

- and -

PARK HOLIDAYS UK LIMITED (2)

- and -

ABRDN LIFE AND PENSIONS LIMITED (3)

AGREEMENT

made pursuant to Sections 278 and 38 of the Highways Act 1980
and any other enabling power relating to
the development of land at Broadland Sands Holiday Park, Coast Road, Corton,
Lowestoft, Suffolk

Nigel Inniss
Monitoring Officer, Assistant Director - Governance, Legal & Assurance
Suffolk County Council
8 Russell Road Ipswich
Suffolk IP1 2BX

Ref: RP/81220/Legal

**SECTION 278 AGREEMENT
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THIS AGREEMENT is made the 8th day of May 2025
BETWEEN the following parties :-

- (1) **SUFFOLK COUNTY COUNCIL** of Endeavour House 8 Russell Road Ipswich Suffolk IP1 2BX ("the County Council")
- (2) **PARK HOLIDAYS UK LIMITED** (company number 02434151) of Glovers House, Glovers End, Bexhill-on-Sea, East Sussex, England, TN39 5ES ("the Developer")
- (3) **ABRDN LIFE AND PENSIONS LIMITED** (company number 03526143) of 280 Bishopsgate, London EC2M 4AG ("the Owner")

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 |
| "Committed Sums" | Means the sum of £21,579.29 (twenty one thousand, five hundred, seventy nine pounds and twenty nine 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
- “Drainage Easements” Means the highways drainage easements shaded pink on SF5050-2PD-206-Agreement-P09
- “Highway Works” Means the works collectively or individually as the context requires which are set out in Schedule III of this Agreement and shown in the Works Drawings
- “Highway Structure” Means any bridge, subway, culvert, pipe, tunnel, or other structure built in, over, under or adjacent to any part of the highway
- “Performance Figure” Means the sum of £301,511.47 (three hundred and one thousand, five hundred and eleven pounds and forty-seven pence) being the Tender Sum plus 10 per cent in respect of the Highway Works and as set out in each of the Contracts
- “Performance Cash Deposit” Means the cash deposit for all of the Highway Works such cash deposit to be held by the County Council should the Developer default in the execution of its obligations to carry out the Highway Works and to maintain the same in accordance with the provisions of this Agreement then the County Council will apply the Performance Cash Deposit to the necessary works in satisfaction thereof (subject to the

provisions hereinafter contained) to carry out the Highway Works and maintain the same as aforesaid.

- “Permission” Means the planning permission granted by East Suffolk Council dated 15 February 2022 granted with reference number DC/19/2949/COU in respect of the Site together with any modification of it
- “Road Safety Audit” Means the evaluation of each and all of the Highway Works during design and at the end of construction to identify potential road safety problems that may affect any users of the highway and to suggest measures to eliminate or mitigate those problems in accordance with Department for Transport standards or by the County Council as agreed by the Director
- “Site” Means land situated at Broadland Sands Holiday Park, Coast Road, Corton, Lowestoft, Suffolk in so far as it is registered at HM Land Registry under title number SK98982
- “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
- “Surface Water Drains” Means the pipes and media shown by blue lines on SF5050-2PD-206-Agreement-P09
- “Technical Standards” Means the standards necessary to ensure complete conformity with all UK primary and secondary legislation (including by-laws) all guidance standards and codes of practice issued by the Department for Transport the County

Council statutory undertakers and relevant professional institutes the Road Safety Audit and formal instructions issued by the Director from time to time during the design and implementation of the Highway Works and for the avoidance of doubt this shall include the Traffic Signs Regulations and General Directions 2016 and BS5489 in relation to the design of any street lighting

“Tender Sum” Means the sum of £274,101.34 (two hundred and seventy-four thousand one hundred and one pounds and thirty-four pence) (including the costs associated with statutory undertakers work and traffic management) agreed by the Director for carrying out the Contract by the Contractor

“Works Drawings” Means the attached drawings bearing the numbers referred to in Schedule IV or any subsequent revision of them which has been approved or requested by the Director and which relate to the Highway Works

- (B) In this Agreement unless the context otherwise requires :-
- (i) Words importing the singular meaning where the context so admits include the plural meaning and vice versa; and
 - (ii) Words of the masculine gender include the feminine and neuter genders and words denoting actual persons include companies, corporations and firms and all such words shall be construed interchangeably in that manner; and
 - (iii) “party” or “parties” means a party or parties to this Agreement; and
 - (iv) references to any party shall include the 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 and is the registered proprietor with title absolute of land opposite the Site registered at HM Land Registry under title number SK417071
- (E) The Owner wishes to dedicate as public highway that part of the Site upon which the Highway Works are to be constructed which does not currently form part of the public highway as shown by pink shading on the attached Adoption Plan with reference SF5050-2PD-205 Rev P08 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
- (F) Having regard to the development plan and other material considerations the County Council considers it expedient in the interests of the proper planning of their area that the Highway Works need to be carried out to facilitate the Development and that entering into this Agreement will be of benefit to the public

NOW THIS DEED WITNESSES as follows:-

1 LEGAL EFFECT

- 1.1. This Agreement and the covenants that appear hereinafter are made pursuant to Sections 38 72 and 278 of the 1980 Act Section 111 of the Local Government Act 1972 and Section 1 of the Localism Act 2011 and all other enabling powers to the intent that the provisions of this Agreement shall bind the Site and the parties hereto and all persons deriving title through or under them
- 1.2. This Agreement is a deed. Any financial default under this Agreement will be registered as a Local Land Charge under section 278(5)(c) of the 1980 Act
- 1.3. No waiver (whether express or implied) by the County Council of any breach or default by the Developer in the performance or observance of any of the covenants, terms or obligations in this Agreement shall constitute a continuing waiver and no such waiver shall prevent the County Council from enforcing any of the covenants, terms or obligations or from acting upon any subsequent breach or default in respect thereof
- 1.4. Any provision of this Agreement which is or may be unlawful void or unenforceable shall to the extent of such unlawfulness invalidity or unenforceability be deemed severable and shall not affect any other provision of this Agreement
- 1.5. This Agreement is governed by and interpreted in accordance with English law and shall be determined in the Courts of England

2 NOTICES

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

hand or by recorded delivery post or by the DX service to the address of the party concerned as nominated in sub-clause 2.2. below

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

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

The Developer marked for the attention of the Matthew Purdom, Planning Director, Park Holidays UK Limited, Glovers House Glovers End, Bexhill On Sea, East Sussex, TN39 5ES Any notice or other written communication to be given by the County Council shall be deemed to be valid and effective if on its face it is signed on behalf of the County Council by a duly authorised officer

3 GENERAL

- 3.1. All works and activities to be carried out under the terms of this Agreement (including for the avoidance of doubt such works as are of a preparatory ancillary or of a maintenance nature) are (save where expressly provided otherwise) to be at the sole expense of the Developer and at no cost to the County Council
- 3.2. All consideration given and payments made in accordance with the provisions of this Agreement shall be exclusive of any VAT properly payable in respect thereof and in the event of VAT becoming chargeable at any time in respect of any supply made in accordance with the terms of

this Agreement then to the extent that VAT had not previously been charged in respect of that supply the person making the supply shall raise a VAT invoice to the person to whom the supply was made and the VAT shall be paid accordingly

- 3.3. The County Council and their respectively duly authorised officers and agents may enter upon the land on which the Highway Works are being carried out at any reasonable time to ascertain whether the terms of the Agreement are being or have been complied with

4 ARBITRATION

- 4.1. Any dispute or difference arising between the parties as a result of this Agreement may be referred to the arbitration of a single arbitrator to be agreed upon between the parties or failing agreement within fourteen (14) days after either of the parties has given to the other a written request requiring the appointment of an arbitrator to a person to be appointed at the request of either of the parties by the President for the time being of The Institution of Civil Engineers
- 4.2. Any reference to arbitration shall be undertaken in accordance with and subject to the provisions of the Arbitration Act 1996 save as follows:-
 - (a) the seat of the arbitration shall be at the County Council's offices in Ipswich Suffolk
 - (b) where appropriate the arbitrator may consolidate arbitral proceedings
 - (c) with the parties' agreement the arbitrator may appoint experts or legal advisers
- 4.3 A party wishing to refer any such dispute or difference to arbitration shall notify the other party in writing of such intention without delay
- 4.4 The arbitrator shall act as a referee and not as an expert except in any case where the parties to a dispute or difference agree on the arbitrator when such parties may also agree that such arbitrator shall act as an expert

4.5 Subject to Sections 67 68 and 69 of the Arbitration Act 1996 the parties agree to be bound by the decision of the arbitrator

5 COVENANTS

- 5.1 The Owner covenants and warrants to the County Council that they have full power to enter into this Agreement and there is no other person having a charge over or any other interest in the Site whose consent is necessary for the Owner to enter into this Agreement and to comply with the obligations set out at paragraph 14.3 of Schedule I
- 5.2 The Developer hereby covenants and undertakes with the County Council that from the date of this Agreement it will (unless otherwise agreed by the County Council) carry out and comply with the obligations set out in Schedule I and the details set out in Schedules III and IV hereto
- 5.3 The County Council without prejudice to its statutory powers and duties hereby appoints the Developer to act as its agent and gives to the Developer licence (in so far as is reasonably necessary for the Developer to perform the obligations under the terms of this Agreement) to enter into and upon and remain upon the highway to carry out the construction of the Highway Works within the timescales referred to in Schedule III hereto or such other period as may be agreed in writing by the Director, provided that this licence shall not extend to the Developer's successors in title or assigns unless otherwise agreed in writing by the Director prior to that successor or assignee commencing work in the public highway
- 5.4 The Developer covenants with the County Council not to commence the Highway Works set out in Schedule III unless road space has first been booked with the County Council
- 5.5 The Developer covenants with the County Council as highway authority to give written notice not less than three calendar months prior to works commencing, in order that the County Council as highway authority has sufficient time to ensure that the commencement of works will cause the least disruption possible to road users and the County Council reserves the right to refuse consent and/or to stop or require the stopping of works under the terms of this Agreement and relevant legislation where the aforesaid notice period is not complied with

5.6 The Developer covenants with the County Council as highways authority to comply with the provisions of the New Roads and Street Works Act 1991, the Traffic Management Act 2004 and any amendments thereof

5.7 The County Council covenants with the Developer that on the date of issue of the Certificate of Final Completion the roads subject to the Highway Works shall thenceforth be, to the extent they are not already, adopted as highways maintainable at the public expense as shown by pink shading on the attached Adoption Plan with reference SF5050-2PD-205 Rev P08

6 THIRD PARTY RIGHTS

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

7 LAPSE

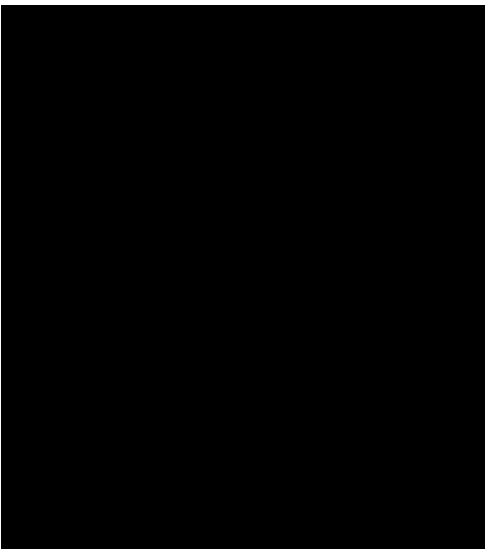
7.1 If the Highway Works have not been commenced within one (1) year from the date of this Agreement, save as this period is otherwise extended in writing by the Director at his discretion, then this Agreement shall lapse and be of no further effect (save to the extent already complied with) and the Developer agrees to pay to the County Council any costs properly incurred by the County Council prior to the lapse of this Agreement (which have not already been paid) including but not limited to those costs set out in paragraph 19 of Schedule I to this Agreement

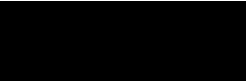
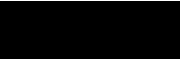
7.2 Where, in accordance with clause 7.1 above the Director, at his discretion, agrees in writing to an extension to the period of one (1) year after which this Agreement shall lapse, this Agreement shall lapse at the end of such period as agreed in writing by the Director where the Highway Works have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

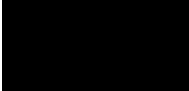
In witness whereof this Agreement has been executed and delivered as a Deed on the date first written above


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


.....
A Duly Authorised Officer



SIGNED AS A DEED by  as the attorney of **ABRDN LIFE AND PENSIONS LIMITED** (in exercise of a power of attorney dated ^{31 January 2025}) in the presence of: 


Witness signature: 

Witness name: 

Witness address:

EXECUTED AS A DEED by PARK HOLIDAYS UK LIMITED in the presence of:

Director: 

Director/Secretary: 

SCHEDULE I

1 THE DESIGN OF THE HIGHWAY WORKS

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

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

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

1.2.2 the Director has given his written approval to the Highway Works to be commenced and such approval shall not be given if the said plans, drawings, specifications and other documentation have not adequately addressed the issues raised in the pre-construction stages of the Road Safety Audit process and if given shall lapse if the Highway Works are not commenced within twelve (12) months of the date of the said Director's approval

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

- 1.3 If the Director does not propose to give his approval in relation to those matters referred to in paragraph 1.2 of this Schedule he shall in each case as soon as possible in writing inform the Developer and if the Director requires amendments or additions to the plans drawings specifications and other materials referred to in paragraph 1.2 of this Schedule these amendments shall be undertaken by the Developer at his own expense and a revised set of updated documents shall be re-submitted to the Director for his approval
- 1.4 Without prejudice to paragraph 1.2 of this Schedule, the Director shall not give his approval as referred therein until the Developer has paid the sum referred to in paragraph 19.1.3 towards the cost of checking the design of the Highway Works and inspecting the Highway Works. The Highway Works at all times shall be carried out in accordance with the plans, drawings, specifications and other materials which have received the Director's approval referred to in paragraph 1.2 of this Schedule and the Developer shall in the execution of the Highway Works comply or ensure that the Contractor complies with the Technical Standards

2 LETTING OF THE CONTRACT

- 2.1 No Contract shall be let until all traffic management measures have been prepared by the Developer and approved in writing by the Director ("the approved programme") and thereafter each of the Contracts will be offered to an Approved Contractor
- 2.2 The Contract to be let under paragraph 2.1 of this Schedule shall be let under NEC3 suite of contracts (and any amendments thereto shall be approved by the Director) and the Developer shall obtain the agreement of the Contractor to be bound by the agreed drawings in Schedule IV
- 2.3 The Contract shall be awarded by the Developer subject to the Director having first given his written approval to the proposed chartered engineer(s) or other suitably qualified person(s) who shall be independent of the Contractor and will supervise the execution of the Highway Works by the Contractor
- 2.4 The Developer shall not award the Contract unless the Approved Contractor and the Approved Sub-Contractor/s concerned are insured

throughout the period of the Contract (such period to include the maintenance period detailed in paragraph 15.1 of this Schedule) for public liability risks in the sum of at least ten million pounds (£10,000,000) in respect of any single claim and the Developer shall ensure that the Contractor remains so insured throughout the period of the Contract and prior to the commencement of each or all of the Highway Works or any maintenance works carried out in accordance with paragraph 15.1 of this Schedule the Developer shall produce to the Director insurance policies fully covering the Developer's liability in respect of the matters set out in this Agreement

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

3 INSPECTION OF THE HIGHWAY WORKS

- 3.1 The Developer shall provide the Director with not less than twenty-four (24) hours nor more than seventy-two (72) hours notice (excluding weekends and bank holidays) of any intended execution of the Highway Works specifying the tasks to be carried out in accordance with the approved programme referred to in paragraph 2.1 of this Schedule
- 3.2 Without prejudice to the approved programme the Developer shall notify the Director in writing at least twenty-eight (28) days prior to the commencement of any work connected with statutory undertaker's equipment
- 3.3 Without prejudice to the approved programme the Developer shall notify the Structures Team and the Director in writing at least seventy-two (72) hours prior to the commencement of each and every stage of excavation and concrete operations associated with any Highway Structures. 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 3.6 be allowed reasonable access and admission to the Highway Works or the places where materials or plant for the Highway Works may be stored or in the course of preparation manufacture or use (unless such access or admission is refused due to circumstances beyond the control of the Developer)

4 TESTING OF MATERIALS

- 4.1 The Developer shall reimburse the County Council for all reasonable costs and expenses whatsoever arising from the operation of paragraphs 4.2 to 4.5
- 4.2 The Director shall require the testing of materials plant and workmanship used or proposed to be used in the Highway Works and in his reasonable discretion have the power to reject any materials plant or workmanship so tested which he may reasonably and properly find to be not in accordance with the approved detailed plans Works Drawings and specification referred to in paragraph 1.2 of this Schedule. In relation to Highways Structures the Director will require a schedule of testing to be agreed prior to the commencement of works or any part thereof

- 4.3 The Developer shall as soon as is reasonably practicable replace or repair any materials plant or workmanship which have been found to be not in accordance with the approved detailed plans Works Drawings and specification referred to in paragraph 1.2 of this Schedule
- 4.4 The Director shall for the purposes of paragraphs 4.2 to 4.5 be allowed reasonable access and admission to the Highway Works or the places where materials or plant for the Highway Works may be stored or in the course of preparation manufacture or use (unless such access or admission is refused due to circumstances beyond the control of the Developer)
- 4.5 The Developer shall as soon as is reasonably practicable remove such materials and plant as are rejected by the Director pursuant to paragraph 4.2. of this Schedule which are not capable of repair or remedy from the Site and if the Developer shall wish to continue to store such rejected materials and plant on the Site they shall be stored separately from those materials and plant which have not been so rejected or which the Developer shall wish in future to use in execution of the Highway Works

5 OPENING OF THE HIGHWAY WORKS

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

PROVIDED THAT if the Highway Works or any part or parts thereof are covered up by the Developer after giving the notice referred to in paragraph 3.5 of this Schedule and the Director shall have failed to inspect in the period

therein referred to and the Director shall subsequently require the Highway Works or any part of them to be uncovered for the purposes of inspection:-

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

6 UNDERTAKERS

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

- (a) carry out or procure the carrying out of such works and activities in regard to the plant and equipment of undertakers as are required by undertakers in accordance with their statutory powers under the New Roads and Street Works Act 1991 as a result of the construction or intended construction of each and all of the Highway Works
- (b) cause all public sewers, highway drains gas and water mains electric cables and telecommunications ducts or other apparatus

which are to be laid by the Developer under the Highway Works together with all necessary connections from them to the boundary of the Highway Works to be laid so far as is practicable under the Highway Works before the foundation of the Highway Works are laid and shall also in so far as is practicable cause the connections from electric cables to any street lamp to be laid before the paving of the footways comprised in the Highway Works is carried out

- (c) cause all trench works within the highway to be backfilled and reinstated in accordance with the Specification for the Reinstatement of Openings in the Highway as determined from time to time under the New Roads and Street Works Act 1991
- (d) not at any time give consent to the erection by any telecommunications operator of telegraph poles or telephone poles or to the erection by any statutory undertaker or public or private company firm or individual of any over ground or underground equipment without the consent in writing of the Director

7 PROTECTION OF THE PUBLIC

- 7.1 The Developer shall give due consideration to adjoining owners and occupiers at all times and shall organise activities relating to the Highway Works in such a manner as to cause the least practicable disruption
- 7.2 Prominent notices shall be displayed and maintained around the perimeter of the site of each and all of the Highway Works to warn the public of the dangers of entering the Site
- 7.3 The Developer shall nominate a member of the site management team as the contact point for the Director in the event of an emergency and shall advise a daytime and twenty-four (24) hour contact number to the Director for the same purpose
- 7.4 The Developer shall take or procure the taking of all necessary steps to avoid creating a nuisance from noise and in particular:
 - 7.4.1 the Developer shall afford all reasonable facilities to enable the Director to carry out such site investigations as she may deem necessary in order to determine noise emission levels

- 7.4.2 all vehicles and plant including compressors shall be fitted with effective silencers and acoustic covers as appropriate and maintained in good working order and all static plant shall be located to minimise nuisance to persons living or working in the vicinity
- 7.4.3 all portable traffic signals and pumps shall be operated from mains electricity unless otherwise agreed with the Director
- 7.4.4 noisy activities shall not be permitted on Sundays and Bank Holidays and except as agreed in writing by the Director shall not be permitted outside the hours of 9.30 a.m. to 4.30 p.m. Monday to Friday and 9.30 a.m. to 1 p.m. on Saturdays

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

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

8 PREVENTION OF MUD BEING CARRIED ON THE PUBLIC HIGHWAY

- 8.1 Provision shall be made at the Site to limit in so far as is practicable the amount of mud dust and other materials carried on to adjacent public highways by vehicles and plant leaving the Site
- 8.2 The Developer shall keep or procure the keeping of all roads footpaths rights of way and other means of passage leading to or from or crossing the Site free from mud slurry or other hazardous substances that are deposited through the construction of the Highway Works and any such substance so deposited on any such road footpath right of way or other means of passage shall be promptly removed by or at the direction of the Developer
- 8.3 The Director may close any associated crossings entrances and exits if such substances deposited are not promptly removed by the Developer and any losses or expenses incurred as a result shall be borne by the Developer and on removal of such substances the Director shall reopen such crossings entrances and exits and the Developer shall bear the costs incurred

9 TRAFFIC CONTROL

- 9.1 During the periods when the Highway Works are being executed the Developer shall institute at his own expense measures previously approved in writing by the Director to maintain the safe flow of traffic on the highways in the vicinity of the site of the Highway Works
- 9.2 The Highway Works shall be signed and protected to at least the standards of Chapter 8 of the Traffic Signs Manual published by His Majesty's Stationery Office and the proposed arrangements shall be approved in writing by the Director before the Highway Works commence

10 TIMING

- 10.1 No Highway Works within or affecting existing public highways or temporary diversions which could interfere with the traffic flow will be permitted within the morning and evening peak periods i.e. 7.30 - 9.30

a.m. and 4.30 - 6.30 p.m. Monday to Friday except as agreed in writing by the Director

11 SAFETY

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

12 ACCOMMODATION WORKS

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

13 CONSTRUCTION (DESIGN AND MANAGEMENT) REGULATIONS 2015

13.1 The Developer shall be the only client for the purpose of the CDM Regulations and the Developer agrees to undertake the obligations of a client under the CDM Regulations and to use all reasonable endeavours to ensure that the Highway Works are carried out in accordance with the CDM Regulations

13.2 The Highway Works shall not commence until the Developer as the only client has provided to the Director:

13.2.1 an estimate of the number of working days and/or person days of construction work and the number of workers working on site simultaneously at any one point in the project which the Contract will entail

13.2.2 written details of the principal designer and the principal contractor appointed for the project and also provide copies of the Construction Phase Plan and Health & Safety File

13.2.3 a copy of the Notification of Project (form HSE F10) to the HSE pursuant to Regulation 6 of the CDM Regulations

- 13.3 Throughout the Highway Works the Developer shall provide to the Director copies of the updates and revisions to the construction phase plan and Health and Safety File pursuant to Regulation 12
- 13.4 Within twenty-eight (28) days of issue of the Certificate of Substantial Completion for any or all of the Highway Works the Developer shall provide to the Director
- 13.4.1 a plan showing the land over which those Highways Works have been constructed and
- 13.4.2 a Health and Safety file conforming in all respects with the CDM Regulations and which shall accord with the current format used by the County Council to include a separate Health and Safety File for each Highway Structure
- 13.5 The Director shall be at liberty to delay issue of the Certificate of Final Completion in respect of any of the Highway Works if the Developer fails to provide the Director with the documents referred to in 13.4.1 and 13.4.2 above within twenty-eight (28) days of issue of any Certificate of Substantial Completion for any of the Highway Works equivalent to the number of days after the twenty-eight (28) day period that the documents were submitted
- 13.6 In respect of the Highway Works generally the Developer shall provide to the Director the final information in both paper and electronic format and shall at least comprise:
- 13.6.1 1:500 scale (or alternative scale as may be specified by the Director) "as built" drawings
- 13.6.2 records of the earthworks showing sources of material used in areas of fill description of fill materials descriptions of sub-grades in cut areas copies of results of tests of material carried out as part of the supervision of the construction of the earthworks
- 13.6.3 records of the sources of supply of all deliveries of road construction materials with details of the location of the Highway Works at which each load is placed

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

13.7 No work on Highway Structures shall commence until the general Health and Safety file information including format to be supplied in respect of Highway Structures has been agreed with the County Council's Structures Team and shall accord with the County Council's current Technical Approval Procedure for Highway Structures

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

14 SITE CLEARANCE AND CERTIFICATE(S) OF SUBSTANTIAL COMPLETION

14.1 On Substantial Completion of the Highway Works the Developer shall:-

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

14.1.2 carry out stage 3 of the Road Safety Audit process and comply to the satisfaction of the Director with recommendations arising thereunder prior to the opening of the Highway Works to the public

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

14.3. The Owner hereby agrees that on the date of Substantial Completion that part of the Site upon which the Highways Works are constructed which does not currently form part of the public highway as shown by pink shading on the attached Adoption Plan with reference SF5050-2PD-205 Rev P08 shall be dedicated as highway under section 38 of the 1980 Act

14.4. After the issue of the Certificate of Substantial Completion the County Council will approve a reduction of up to 90% of the Performance Figure and return that amount plus interest applied at the Bank of England Base Rate minus 2 basis points, compounding annually at financial year end to the Developer as soon as reasonably practicable and in all circumstances within twenty-five (25) working days of receipt of a written request in respect of the relevant Highway Works and the County Council shall release the Developer from its obligations under that Performance Cash Deposit in respect of the relevant Highway Works to such extent if for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement

14.5. Upon the issue of the Certificate of Substantial Completion the Surface Water Drains shall become vested in the County Council such that the Developer assigns to the Council for the benefit of the highway full right and liberty over the Surface Water Drainage Easements through which any part of the Surface Water Drains are laid to use the same for the passage or discharge of surface water from the highway and to enter onto such part or parts of the Surface Water Drainage Easements as may be reasonably necessary to cleanse repair maintain and replace the same and any conveyance of any such affected part or parts of the Developer's land shall be expressed to be subject to the Council's easement

15 DEFECTS CORRECTION PERIOD AND CERTIFICATE OF FINAL COMPLETION

15.1 The Developer shall maintain each and all of the Highway Works for a period of eighteen (18) months (unless the Director agrees in writing a lesser period having considered paragraph 15.2) from the issue of the related Certificate of Substantial Completion and prior to the expiration of this period the Developer shall reinstate and make good any damage or defect which may have arisen from any cause whatsoever or be discovered during the said period of eighteen months (including any defect in or damage to the surface water drainage system) so as to place the highway and the Highway Works in a condition satisfactory to the Director.

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

15.3 After the expiration of the period of eighteen (18) months referred to in paragraph 15.1 (or such lesser period as agreed in writing by the Director under paragraph 15.1) and after any defects have been made good as therein provided including any improvements arising under stage 4 of the Road Safety Audit to the satisfaction of the Director and after the provisions of paragraph 13.4 and paragraph 20.2 of this Schedule have been fulfilled the Director shall issue forthwith to the Developer the Certificate of Final Completion in respect of the Highway Works provided that the Certificate of Final Completion shall in the case of road gullies extend only as far as their points of entry to the surface water sewers where those are not being adopted by the County Council as highway drains and upon the issue of the Certificate of Final Completion the County Council shall release the Developer from all subsisting obligations under the Performance Cash Deposit and shall release to the Developer the remainder of that deposit and interest applied at the Bank of England Base Rate minus 2 basis points, compounding annually at financial year end on receipt of a written request. If for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement

16 INDEMNITY

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

County Council arising out of the negligence of the County Council's employees or arising out of any works of alteration carried out to any of the Highway Works by the County Council after the issue of the related Certificate of Final Completion

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

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

16.4 The indemnification referred to in paragraph 16.1 includes:

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

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

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

16.5 Subject to sub-paragraph 16.6 below the indemnity referred to in paragraph 16.1 shall not apply in respect of any actions, charges, claims, costs, expenses, losses, damages, demands, liabilities and proceedings arising out of any act, neglect, default or liability of the County Council.

16.6 Nothing in this Agreement or the approval by the County Council of any designs or plans shall impose or imply any liability upon the County Council for the design of or carrying out of the Highway Works or any act, neglect or liability of the Developer in doing so

17 PERFORMANCE CASH DEPOSIT

17.1 Without expense to the County Council the Developer shall on the date of this Agreement pay the Performance Cash Deposit to the County Council

for each and all of the Highway Works and the Developer shall be bound to the County Council in the amount of the Performance Figure for the Highway Works

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

17.2.1 Unless there is a danger to users of the highway the County Council shall give twenty (20) working days prior written notice (or lesser period as may in the circumstances be reasonable) of its intention to commence work under Paragraph 17.2

17.2.2 any notice served under this paragraph shall specify the period of the notice ("the Notice Period") the extent of the work which the County Council proposes to carry out and full details of all matters in respect of which the Director considers that the Highway Works have not been carried out in accordance with the terms of this Agreement

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

17.3 If the Developer should default in the execution of its obligations to carry out any or all of the Highway Works and to maintain the same in accordance with the provisions of this Agreement then the County Council will call upon the Performance Cash Deposit to provide the full

Performance Figure (or such sum that remains following reduction of the Performance Cash Deposit 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 Cash Deposit sum unused with interest at the Bank of England Base Rate minus 2 (two) basis points, compounding annually at financial year end on receipt of a written request to the Developer within one month of all the aforementioned completing and settling such sum to be returned to the Developer as soon as reasonably practicable and in all circumstances within twenty-five (25) working days from receipt of a written request. If for any period the Bank of England Base Rate is at or below 0.02% then no interest shall be payable for that period by any party to this Agreement

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:

	£
Roads	2,411.00
Footways	14,964.19
Drainage	3,492.10
Traffic Signals	712.00

19 LEGAL AND ADMINISTRATIVE COSTS

19.1 The Developer shall pay to the County Council:-

19.1.1 the reasonable and proper costs of the County Council's Legal Services Department in connection with the preparation and completion of this Agreement and these costs shall be payable prior to sealing of this Agreement;

- 19.1.2 interest at four per cent (4%) 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 other than (subject to subparagraph 16.6 of this Schedule), those arising out of or in consequence of any negligent act, default or omission of the Council 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 – *not used*

SCHEDULE II.B – *not used*

SCHEDULE III

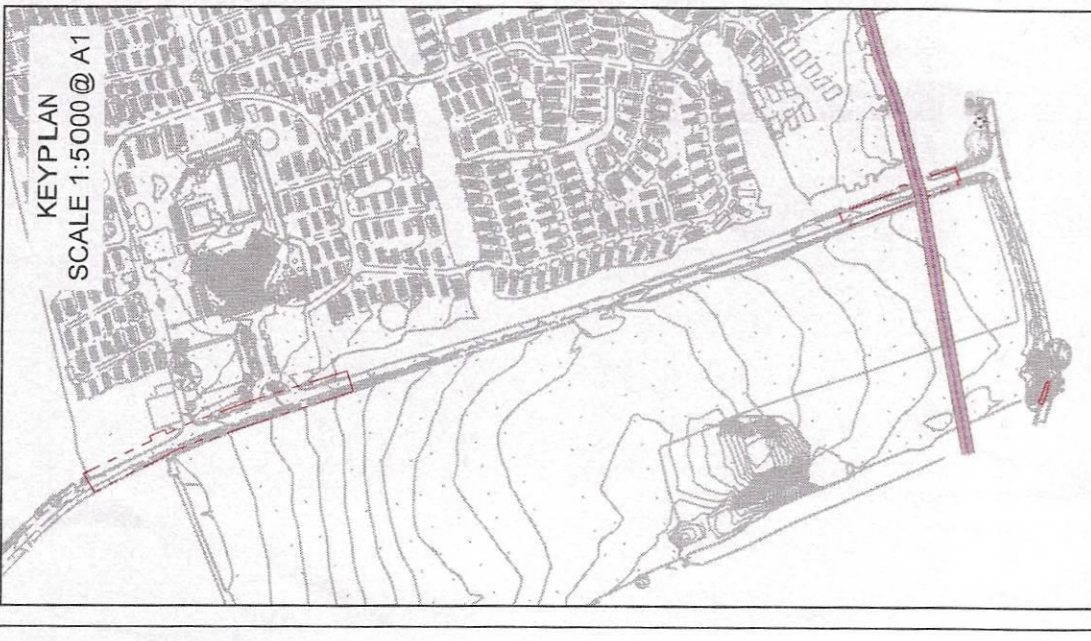
The Highways Works comprising the following works:

<u>Location</u>	<u>Works</u>	<u>Delivery Programme</u>
<u>Coast Road, Lowestoft</u>	<u>New junction, footway works;</u>	
	<u>New access to church car park</u>	
	<u>Re-location of existing bus stops</u>	

Timescales: The Highways Works are to be commenced within 12 (twelve) months of the date of this Agreement and completed within 5 (five) months of commencement of the Highway Works

SCHEDULE IV**Approved List of drawings**

	Title	Drawing number
1.	Site plan	SF5050-2PD-200 Rev P07
2.	Topo	SF5050-2PD-201 Rev P03
3.	Clearance 1	SF5050-2PD-202 Rev P07
4.	Clearance 2	SF5050-2PD-202 Rev P07
5.	Adoption	SF5050-2PD-205 Rev P08
6.	Agreement plan	SF5050-2PD-206 Rev P09
7.	General Arrangement offsite works	SF5050-2PD-210 Rev P08
8.	General Arrangement Broadland Sands Holiday Park site entrance	SF5050-2PD-211 Rev P08
9.	General Arrangement Church car park	SF5050-2PD-212 Rev P08
10.	Contour 1	SF5050-2PD-215 Rev P07
11.	Contour 2	SF5050-2PD-216 Rev P07
12.	Contour 3	SF5050-2PD-217 Rev P07
13.	Engineering 1	SF5050-2PD-220 Rev P06
14.	Engineering 2	SF5050 2PD-221 Rev P06
15.	Cross Section 5	SF5050-2PD-234 Rev P03
16.	Paving, Kerbing and Road signs 1	SF5050-2PD-240 Rev P06
17.	Paving, Kerbing and Road signs	SF5050-2PD-241 Rev P06
18.	S278 Drainage Layout Sheet 1	SF5050-2PD-260 Rev P09
19.	S278 Drainage Layout Sheet 2	SF5050-2PD-261 Rev P08
20.	S278 Drainage Layout Sheet 3	SF5050-2PD-262 Rev P09
21.	S278 Gully Catchments Plan	SF5050-SPD-265 Rev P01
22.	Standard Details Sheet 1	SF5050-2PD-280 Rev P06
23.	Standard Details Sheet 2	SF5050-2PD-281 Rev P06



- NOTES:
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 3. THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 4. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.
- KEY:
--- SITE LOCATION



REV	DESCRIPTION	DATE
P01	FIRST ISSUE	20.09.2022
P02	COMMENTS ADDRESSED	20.09.2022
P03	UPDATED TO RCL COMMENTS	18.09.2023
P04	UPDATED TO RCL COMMENTS	28.09.2023
P05	UPDATED TO RCL COMMENTS	27.02.2024
P06	UPDATED TO RCL COMMENTS	17.04.2024
P07	UPDATED TO RCL COMMENTS	08.04.2024

TP	PD	DB	DATE
			20.09.2022

ISSUE STATUS
PRELIMINARY

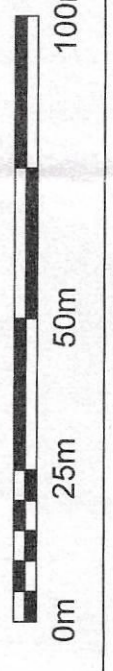
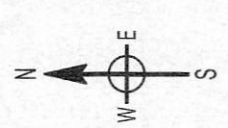
BROADLAND SANDS
SITE LOCATION

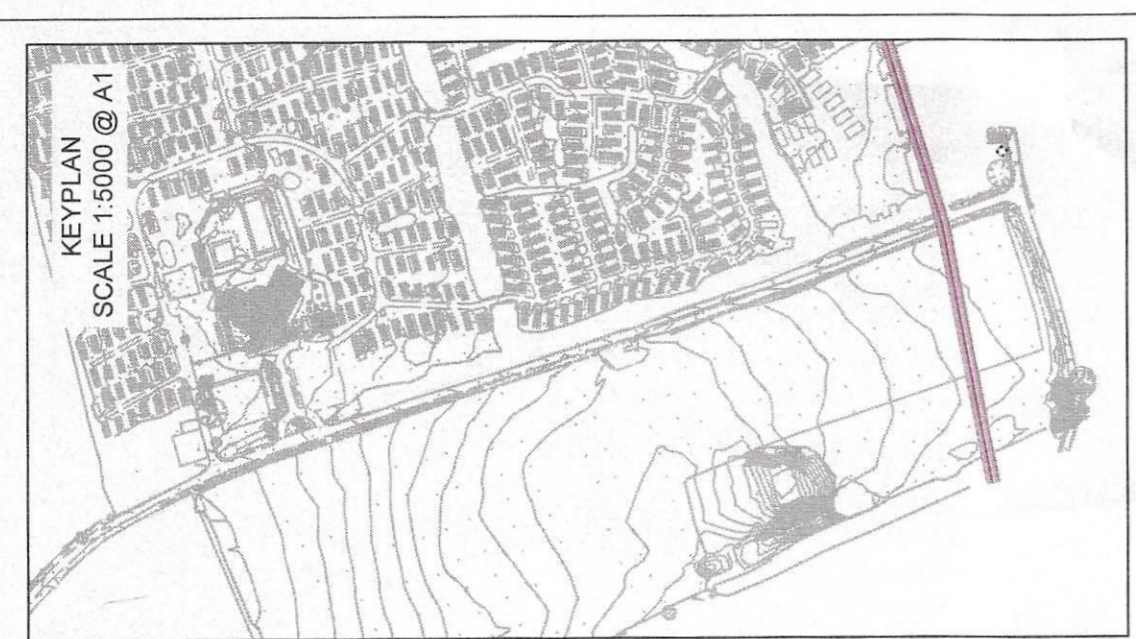
S278
BROADLAND SANDS
HOLIDAY PARK

dip **sdd**

DRAWING NUMBER: SF5050-2PD-200

REV: P07





- NOTES:
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KEY
 --- EXISTING HIGHWAY
 --- BOUNDARY



REV	DESCRIPTION	DATE	BY	CHECKED BY	DATE
P03	UPDATED TO RIA COMMENTS	16.02.2022	TP	PD	DB
P02	COMMENTS ADDRESSED	16.07.2022	TP	PD	DB
P01	FIRST ISSUE	20.09.2022	TP	PD	DB
REV	DESCRIPTION	DATE	BY	CHECKED BY	DATE
DB	CH	PA	DATE		

ISSUE STATUS
 PRELIMINARY

SCALE @ A1 SIZE
 1:500

BROADLAND SANDS

S278
 TOPOGRAPHICAL SURVEY

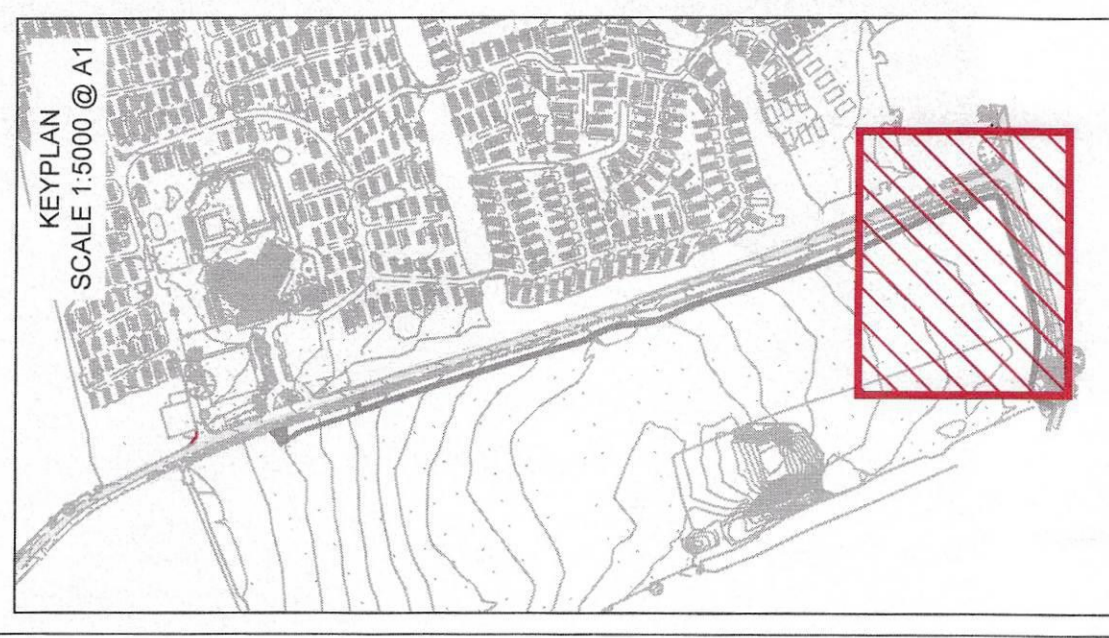
BROADLAND SANDS
 HOLIDAY PARK

dip **sdp**
 DRAWING NUMBER
 SF5050-2PD-201
 REV
 P03



TOPOGRAPHICAL SURVEY
SCALE 1:500 @ A1

TOPOGRAPHICAL SURVEY
SCALE 1:500 @ A1



- NOTES:**
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 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

KEY

[Blue dashed line]	EXISTING HIGHWAY BOUNDARY
[Red hatched box]	EXISTING CARRIAGEWAY TO BE PLANNED AND RESURFACED WITH STEPPED CONSTRUCTION
[Green hatched box]	EXISTING CARRIAGEWAY TO BE PLANNED AND RESURFACED WITH FULL WIDTH
[Purple hatched box]	EXISTING BITUMINOUS FOOTWAY CONSTRUCTION TO BE REMOVED
[Yellow hatched box]	EXISTING BITUMINOUS FOOTWAY AND RESURFACED
[Light green hatched box]	EXISTING GRASS VERGE TO BE CLEARED AND EXCAVATED FOR FULL DEPTH PROPOSED CARRIAGEWAY / FOOTWAY
[Dark green hatched box]	EXISTING GRASS VERGE TO BE CLEARED AND EXCAVATED FOR CARRIAGEWAY / FOOTWAY IN PRIVATE LAND
[Red wavy line]	EXISTING KERBS TO BE REMOVED



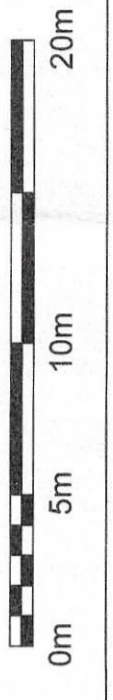
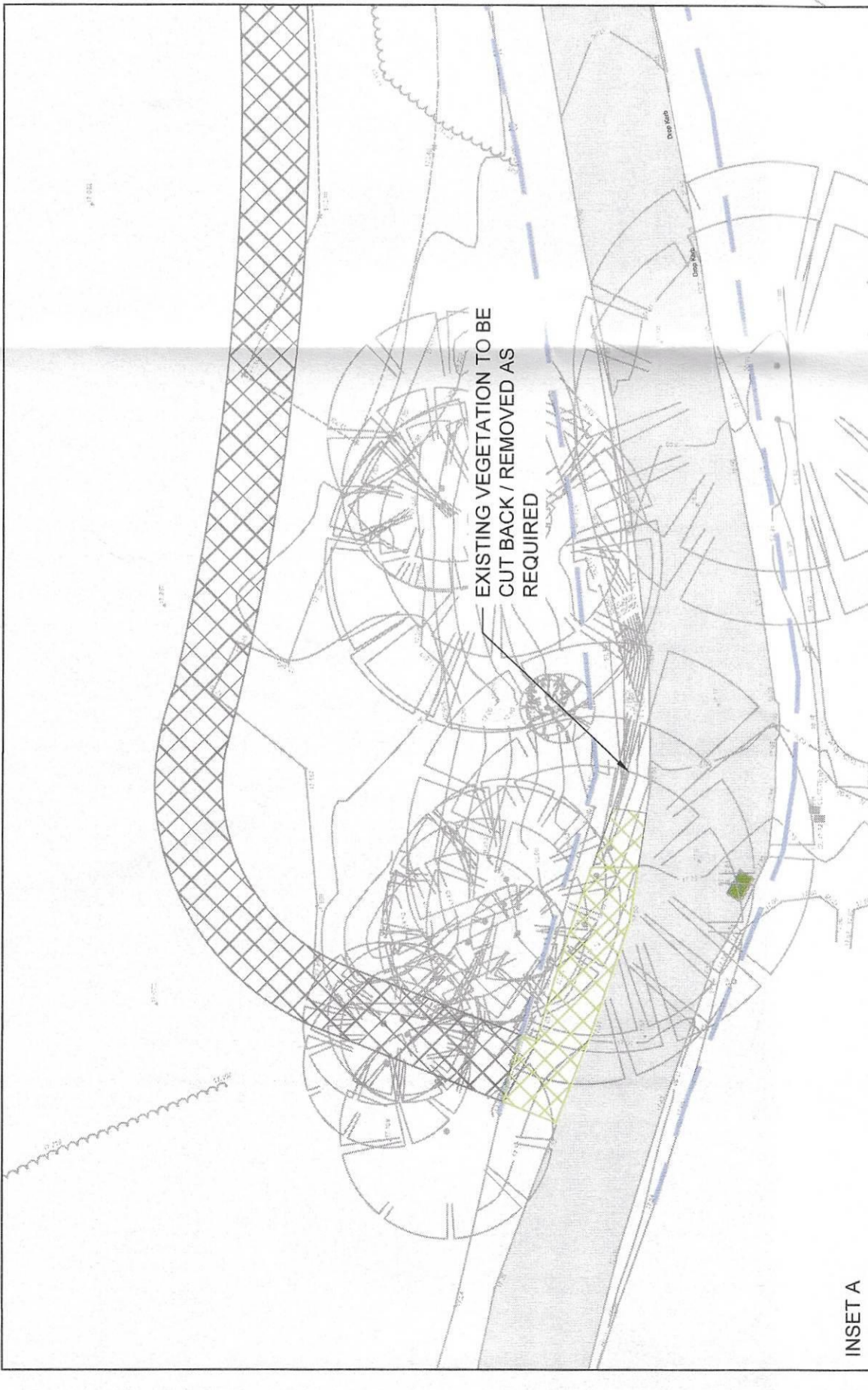
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P04	UPDATED TO RISK COMMENTS	20.09.2022
P05	UPDATED TO RISK COMMENTS	20.09.2022
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P20	UPDATED TO RISK COMMENTS	20.09.2022

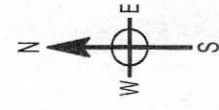
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CH	CH	PA	
PA	PA	PA	

SCALE @ A1 SIZE: 1:250
 PRELIMINARY

BROADLAND SANDS
 S278
 SITE CLEARANCE SHEET 2
 BROADLAND SANDS
 HOLIDAY PARK

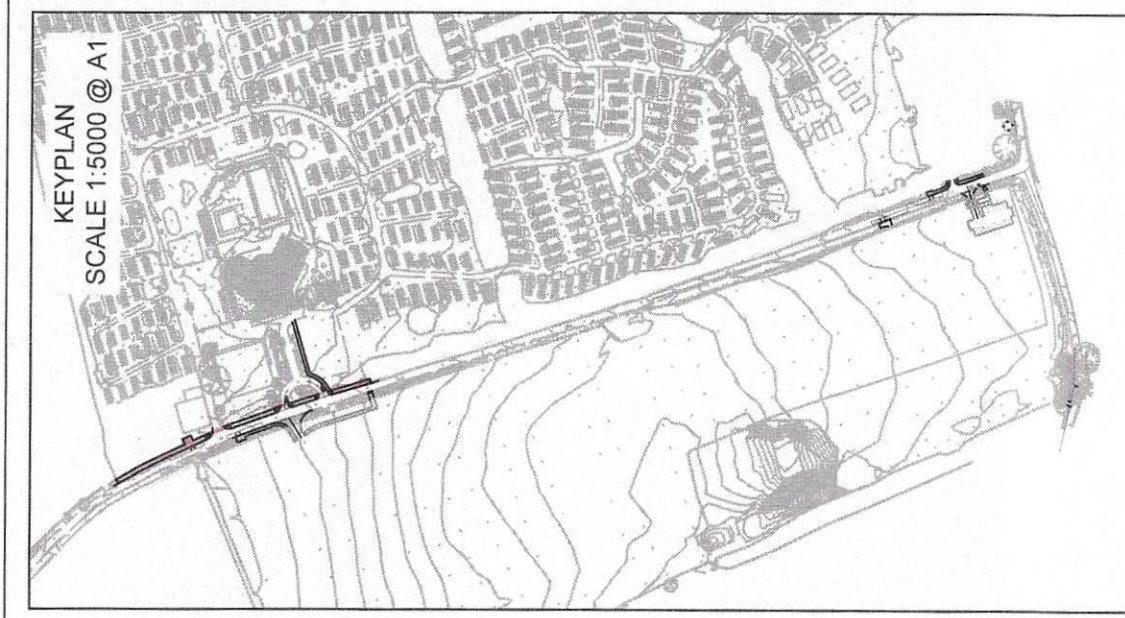
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 REV: P07





DRAWING NUMBER

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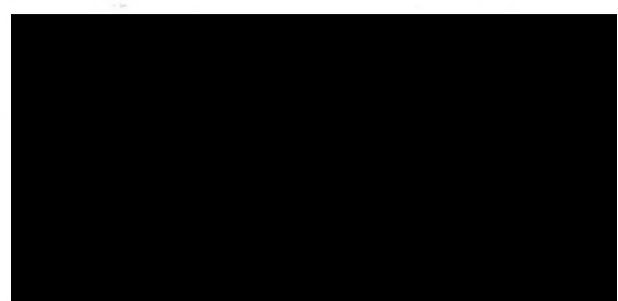


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KEY

- EXISTING HIGHWAY BOUNDARY
- EXTENT OF AREA OFFERED FOR SCC HIGHWAYS ADOPTION
- PROPOSED AREA OFFERED FOR SCC HIGHWAYS ADOPTION

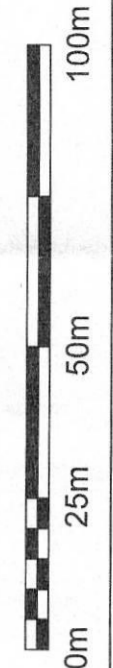


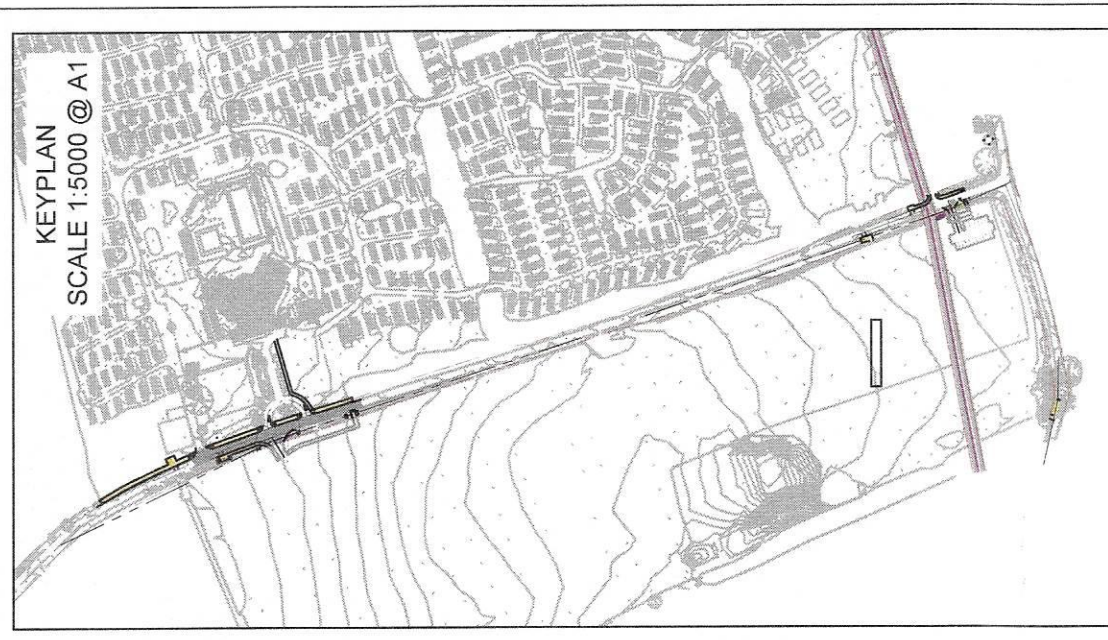
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PO7	FOR BOUNDARY AMENDED FOLLOWING SCC REVIEW	PD	DB	17.04.2024	
PO8	ADOPTION BOUNDARY AMENDED AROUND COLVERTS	PD	DB	28.02.2024	
PO9	UPDATED TO SCC COMMENTS	PD	DB	27.05.2024	
PO4	UPDATED TO SCC COMMENTS	TP	DB	16.02.2023	
PO2	COMMENTS ADDRESSED	TP	DB	24.11.2022	
PO1	FIRST ISSUE	TP	DB	24.11.2022	
REV	DESCRIPTION	DR	CHK	PAK	DATE
ERW	BY	DATE			
CHK	BY	DATE			
PA	DATE				
TP	PD	DB	24.01.2023		

SCALE @ A1 SIZE	1:1250
ISSUE STATUS	PRELIMINARY

BROADLAND SANDS
S278
ADOPTION PLAN
BROADLAND SANDS
HOLIDAY PARK

dip **sdd**
 CIVIL ENGINEERING & SURVEYING
 100, BRISTOL ROAD, BRISTOL, AVON, BS1 3YD
 TEL: 01273 834111 FAX: 01273 834112
 WWW.DIP-SDD.CO.UK
 DRAWING NUMBER: SF5050-2PD-205
 REV: P08





- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

- KEY**
- EXISTING HIGHWAY BOUNDARY
 - PROPOSED CARRIAGEWAY
 - PROPOSED FOOTWAY / FOOTPATH
 - PROPOSED GRASS VERGE
 - 3m DRAINAGE EASEMENT
 - PROPOSED SURFACE WATER SEWER
 - PROPOSED SURFACE WATER MANHOLE
 - PROPOSED HIGHWAY GULLY



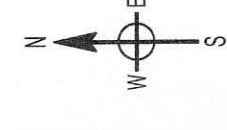
REV	DESCRIPTION	DATE	BY	CHECKED BY	DATE
P01	UPDATED TO SCC COMMENTS	17.03.2024	PD	PD	12.10.2022
P02	UPDATED TO SCC COMMENTS	28.04.2024	PD	PD	
P03	REVISION TYPE AMENDED FOLLOWING	17.04.2024	PD	PD	
P04	UPDATED TO SCC COMMENTS	28.03.2024	PD	PD	
P05	UPDATED TO SCC COMMENTS	27.03.2024	PD	PD	
P06	UPDATED TO SCC COMMENTS	28.03.2024	PD	PD	
P07	UPDATED TO SCC COMMENTS	14.03.2023	TP	PD	
P08	COMMENTS ADDRESSED	14.03.2023	TP	PD	
P09	FIRST ISSUE	12.10.2022	TP	PD	

SCALE @ A1 SIZE
1:1250
PRELIMINARY

BROADLAND SANDS

S278 AGREEMENT
PLAN

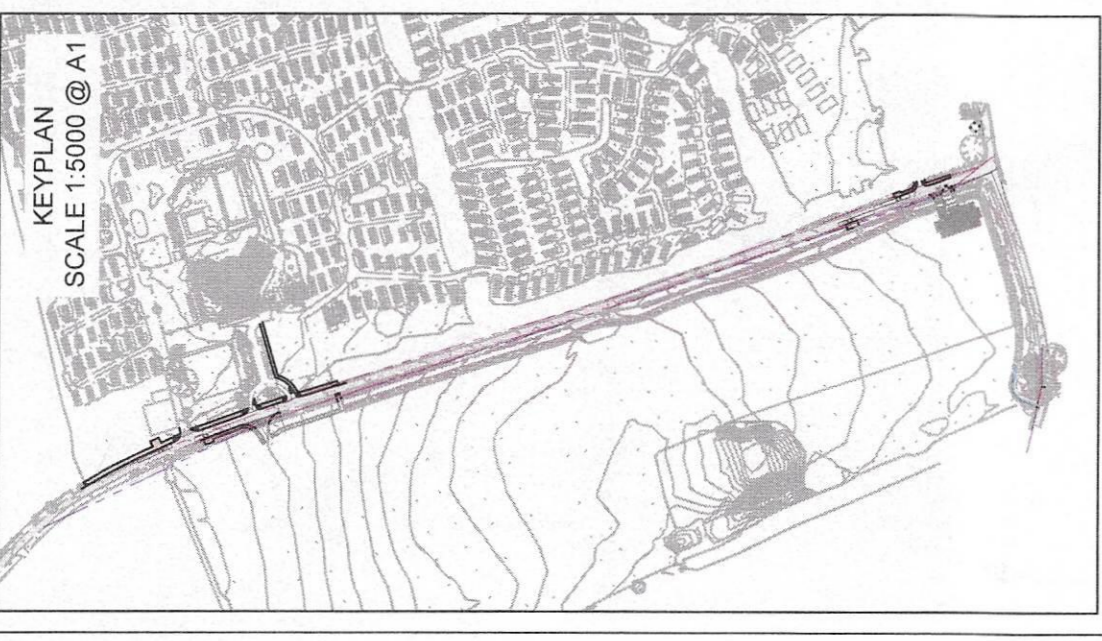
BROADLAND SANDS
HOLIDAY PARK





DRAWING NUMBER

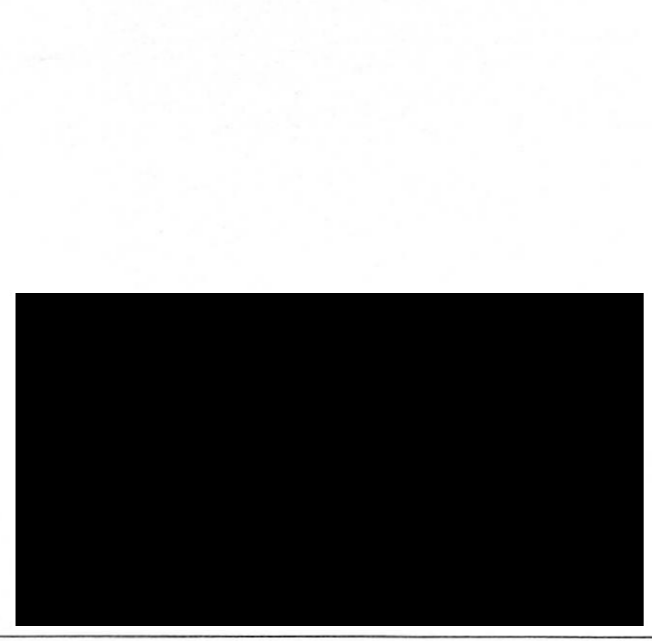
1:500m



- NOTES:**
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 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.
 - IN CONJUNCTION WITH THIS DRAWING, SEE THE SEPARATE DRAWING FOR THE PROPOSED TACTILE PAVING AGREEMENT PLAN FOR EXTENTS OF HIGHWAYS WORKS.
- DRAWING NOTES:**
- ALL TACTILE PAVING TO BE INSTALLED IN ACCORDANCE WITH CURRENT GUIDANCE ON THE USE OF TACTILE PAVING.

KEY

	EXISTING HIGHWAY BOUNDARY
	EXISTING VISIBILITY SPAY
	EXISTING CARRIAGEWAY
	PROPOSED CARRIAGEWAY
	PROPOSED BITUMINOUS FOOTWAY / FOOTPATH



REV	DESCRIPTION	DATE	BY	CHK	APP
P01	ISSUED FOR LIAISON APPROVAL	08.06.2022	TP	DB	
P02	COMMENTS ADDRESSED	16.02.2023	TP	DB	
P03	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	
P04	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	
P05	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	
P06	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	
P07	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	
P08	UPDATED TO RMA COMMENTS	27.03.2024	TP	DB	

TP	PD	DB	08.06.2022
TP	PD	DB	08.06.2022
TP	PD	DB	08.06.2022

SCALE: 1:1250
 PRELIMINARY

BROADLAND SANDS

S278

GENERAL ARRANGEMENT

SHEET 1

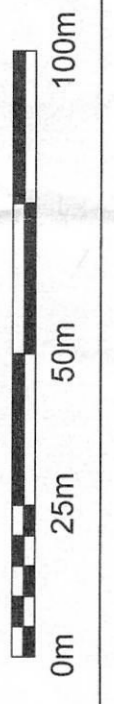
BROADLAND SANDS HOLIDAY PARK



PROJECT NUMBER: SF5050-2PD-210
 REV: P08



NOTE: PLANTING OR OBSTRUCTIONS TO BE ABOVE 600mm IN HEIGHT WITHIN VISIBILITY SPAYS.





- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - PRINTED IN COLOUR. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.
 - DRAWING NOTES:
 - ALL TACTILE PAVING TO BE INSTALLED IN ACCORDANCE WITH CURRENT GUIDANCE ON THE USE OF TACTILE PAVING

- KEY**
- EXISTING HIGHWAY BOUNDARY
 - EXISTING CARRIAGEWAY
 - PROPOSED CARRIAGEWAY
 - PROPOSED BITUMINOUS FOOTWAY / FOOTPATH
 - EARTHWORKS TIE IN
 - PROPOSED TACTILE PAVING (BUFF COLOUR FOR UNCONTROLLED CROSSING AND RED FOR CONTROLLED CROSSINGS)



REV	DESCRIPTION	DATE	BY	CHK	APP
P06	UPDATED TO SCC COMMENTS	26.04.2024	TP	DB	
P07	UPDATED TO SCC COMMENTS	17.04.2024	TP	DB	
P08	UPDATED TO SCC COMMENTS	27.03.2024	TP	DB	
P09	UPDATED TO SCC COMMENTS	28.09.2023	TP	DB	
P04	UPDATED TO SCC COMMENTS	14.03.2023	TP	DB	
P05	COMMENT ADDRESSED	24.07.2022	TP	DB	
P03	ISSUED FOR LINK APPROVAL	20.09.2022	TP	DB	
P01	FIRST ISSUE	08.06.2022	TP	DB	

ISSUE STATUS	DATE
PRELIMINARY	08.06.2022

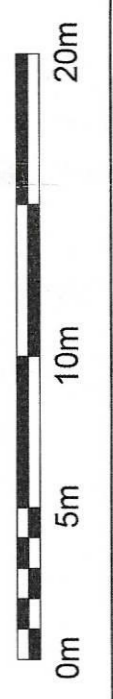
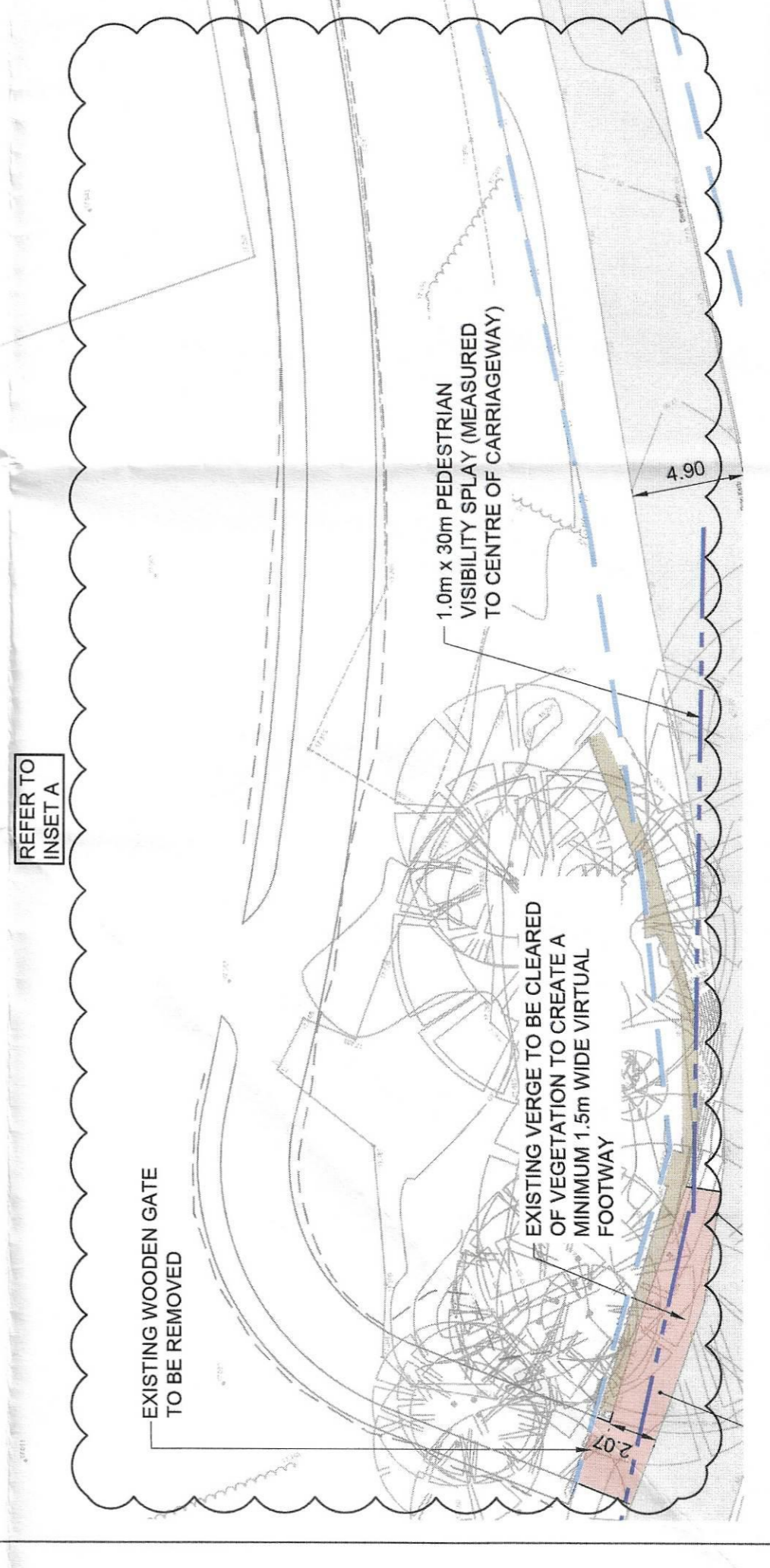
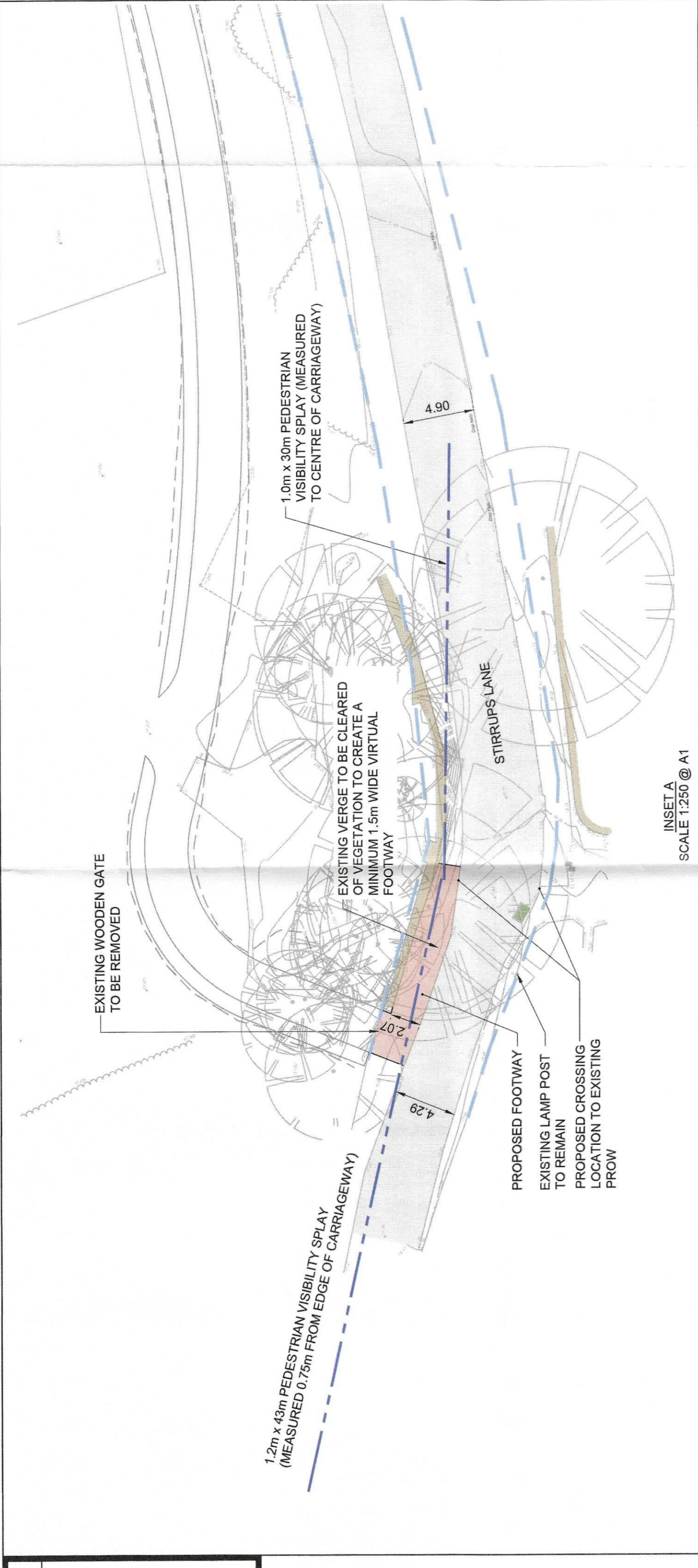
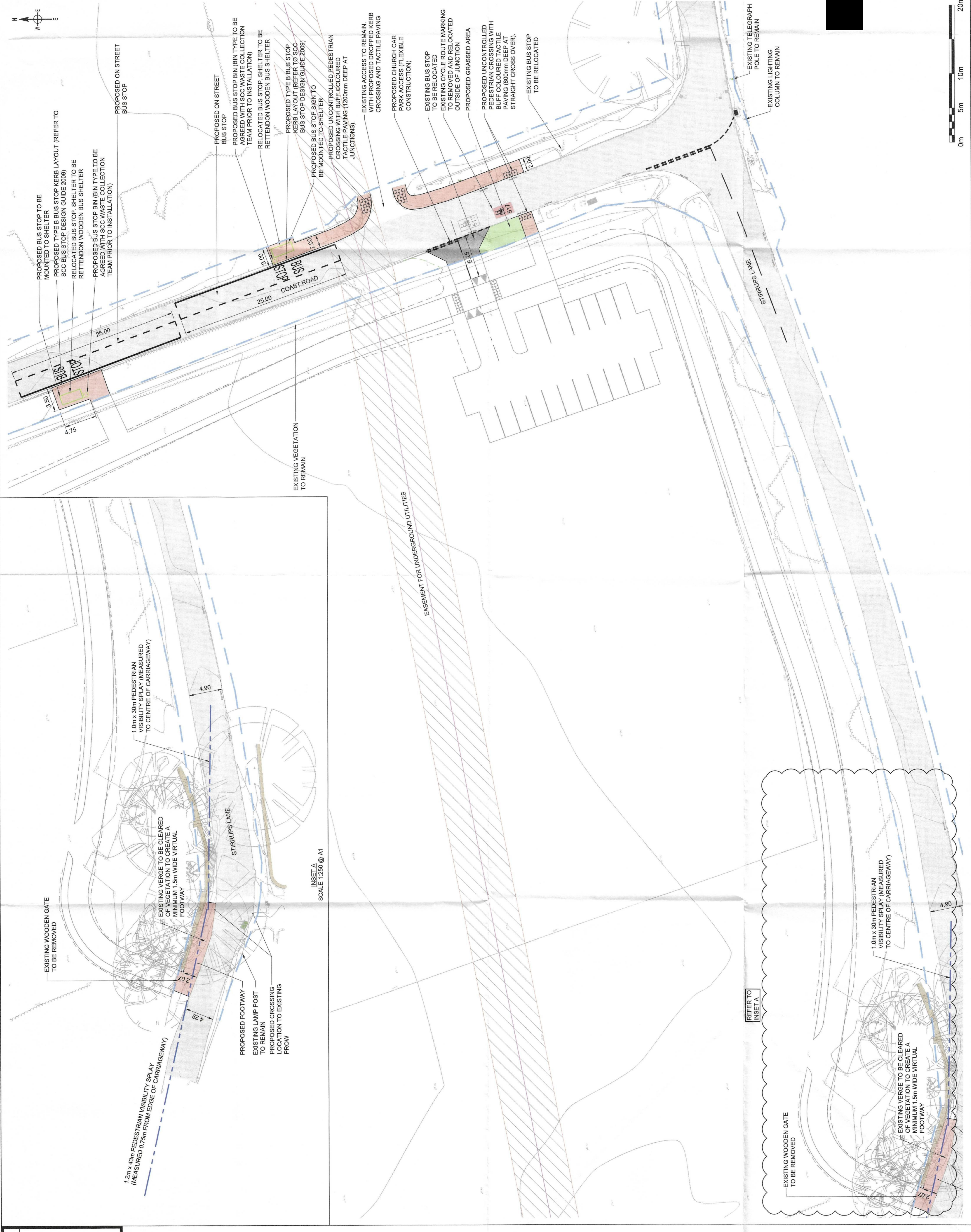
BROADLAND SANDS
GENERAL ARRANGEMENT
CHURCH CAR PARK

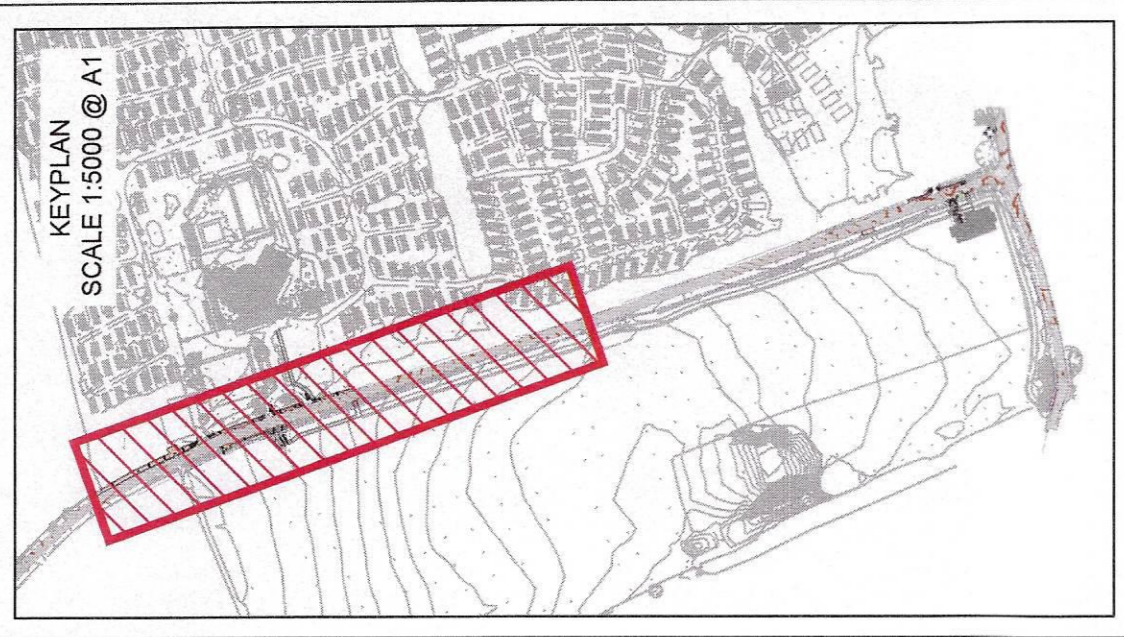
BROADLAND SANDS
HOLIDAY PARK

dip **sdd**

DRAWING NUMBER: SF5050-2PD-212

REV: P08





NOTES:
 1. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 2. THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 3. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

KEY

	EXISTING HIGHWAY BOUNDARY
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED GRADIENT
	EXISTING CARRIAGEWAY
	PROPOSED CARRIAGEWAY
	PROPOSED BITUMINOUS FOOTWAY / FOOTPATH



REV	DESCRIPTION	DATE
01	ISSUE FOR PERMIT	20.09.2022
02	ISSUE FOR PERMIT	20.09.2022
03	ISSUE FOR PERMIT	20.09.2022
04	ISSUE FOR PERMIT	20.09.2022
05	ISSUE FOR PERMIT	20.09.2022
06	ISSUE FOR PERMIT	20.09.2022
07	ISSUE FOR PERMIT	20.09.2022
08	ISSUE FOR PERMIT	20.09.2022
09	ISSUE FOR PERMIT	20.09.2022
10	ISSUE FOR PERMIT	20.09.2022
11	ISSUE FOR PERMIT	20.09.2022
12	ISSUE FOR PERMIT	20.09.2022
13	ISSUE FOR PERMIT	20.09.2022
14	ISSUE FOR PERMIT	20.09.2022
15	ISSUE FOR PERMIT	20.09.2022
16	ISSUE FOR PERMIT	20.09.2022
17	ISSUE FOR PERMIT	20.09.2022
18	ISSUE FOR PERMIT	20.09.2022
19	ISSUE FOR PERMIT	20.09.2022
20	ISSUE FOR PERMIT	20.09.2022
21	ISSUE FOR PERMIT	20.09.2022
22	ISSUE FOR PERMIT	20.09.2022
23	ISSUE FOR PERMIT	20.09.2022
24	ISSUE FOR PERMIT	20.09.2022
25	ISSUE FOR PERMIT	20.09.2022
26	ISSUE FOR PERMIT	20.09.2022
27	ISSUE FOR PERMIT	20.09.2022
28	ISSUE FOR PERMIT	20.09.2022
29	ISSUE FOR PERMIT	20.09.2022
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31	ISSUE FOR PERMIT	20.09.2022
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41	ISSUE FOR PERMIT	20.09.2022
42	ISSUE FOR PERMIT	20.09.2022
43	ISSUE FOR PERMIT	20.09.2022
44	ISSUE FOR PERMIT	20.09.2022
45	ISSUE FOR PERMIT	20.09.2022
46	ISSUE FOR PERMIT	20.09.2022
47	ISSUE FOR PERMIT	20.09.2022
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50	ISSUE FOR PERMIT	20.09.2022

ISSUE STATUS
 PRELIMINARY

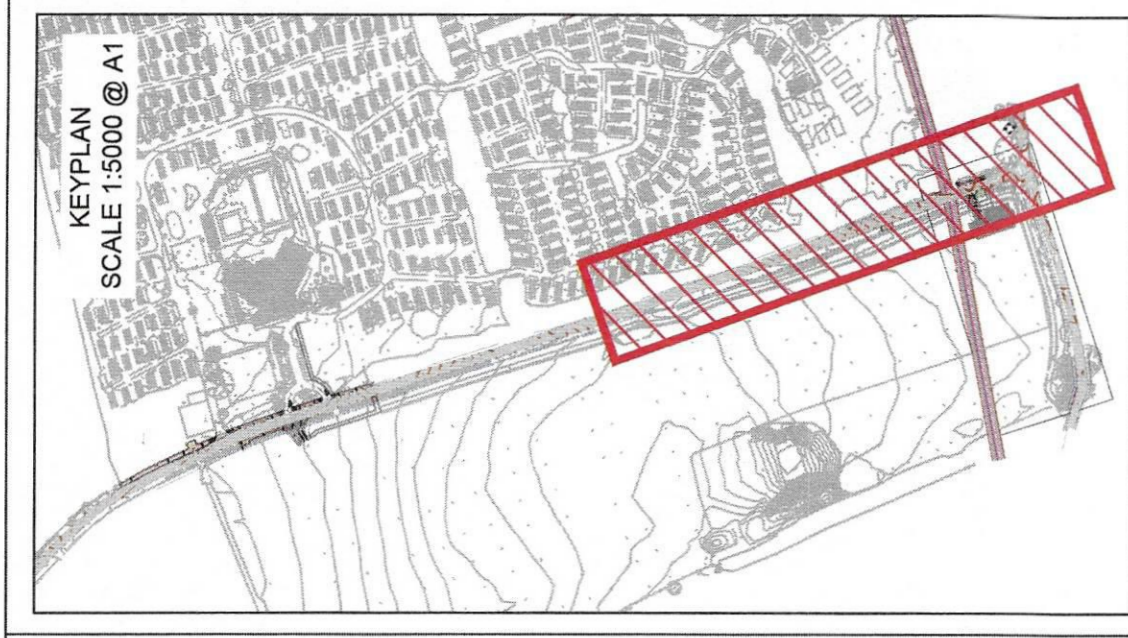
BROADLAND SANDS

SZ78
 PROPOSED CONTOURS
 SHEET 1

BROADLAND SANDS
 HOLIDAY PARK

dip **sdd**
 DRAWING NUMBER: SF5050-2PD-215
 REV: P07





- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

KEY

	EXISTING HIGHWAY BOUNDARY
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED GRADIENT
	EXISTING CARRIAGEWAY
	PROPOSED CARRIAGEWAY
	PROPOSED BITUMINOUS FOOTWAY / FOOTPATH



REV	DESCRIPTION	DATE
P07	UPDATED TO BCC COMMENTS	20/04/2024
P06	UPDATED TO BCC COMMENTS	17/04/2024
P05	UPDATED TO BCC COMMENTS	27/03/2024
P04	UPDATED TO BCC COMMENTS	28/02/2024
P03	UPDATED TO BCC COMMENTS	16/02/2024
P02	COMMENTS ADDRESSED	24/01/2024
P01	FIRST ISSUE	20/09/2022

DRAWN BY	CH	PA	DATE
CHECKED BY	SS	SI	20/09/2022
TP	PD	DB	20/09/2022
ISSUE STATUS			
PRELIMINARY			
SCALE @ A1 SIZE			
1:250			

BROADLAND SANDS

S278

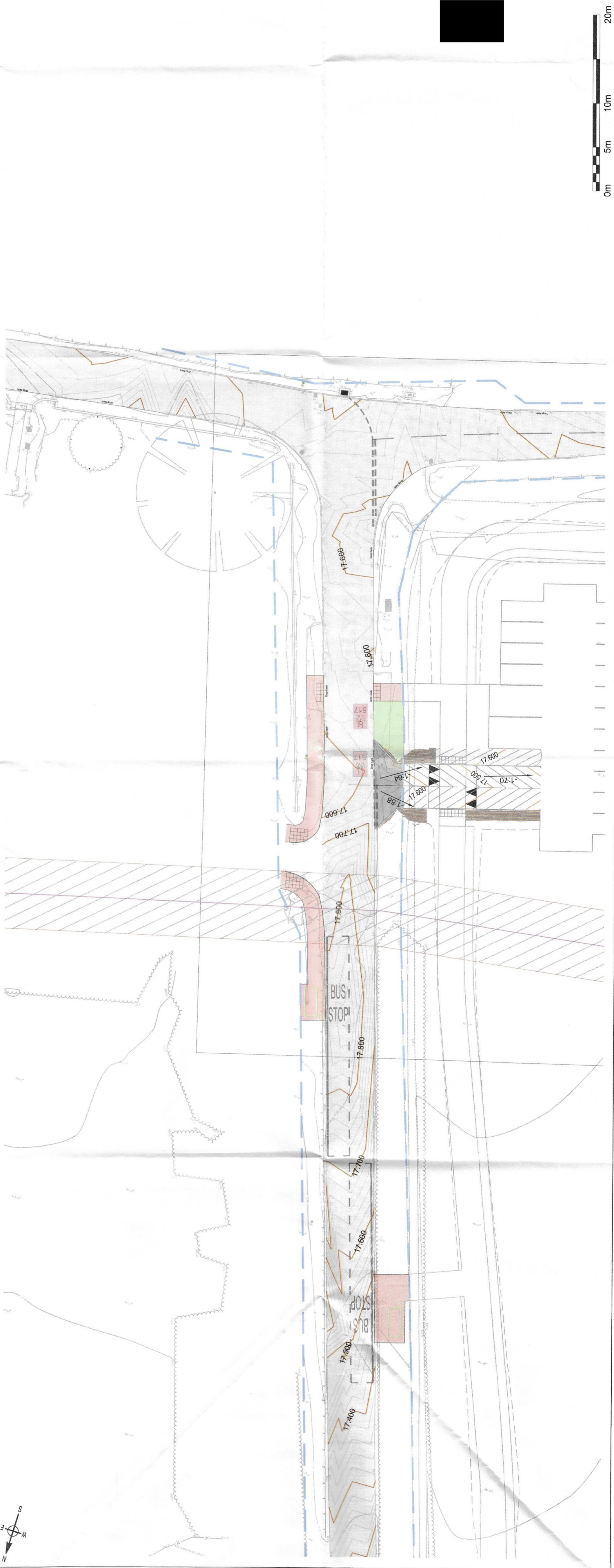
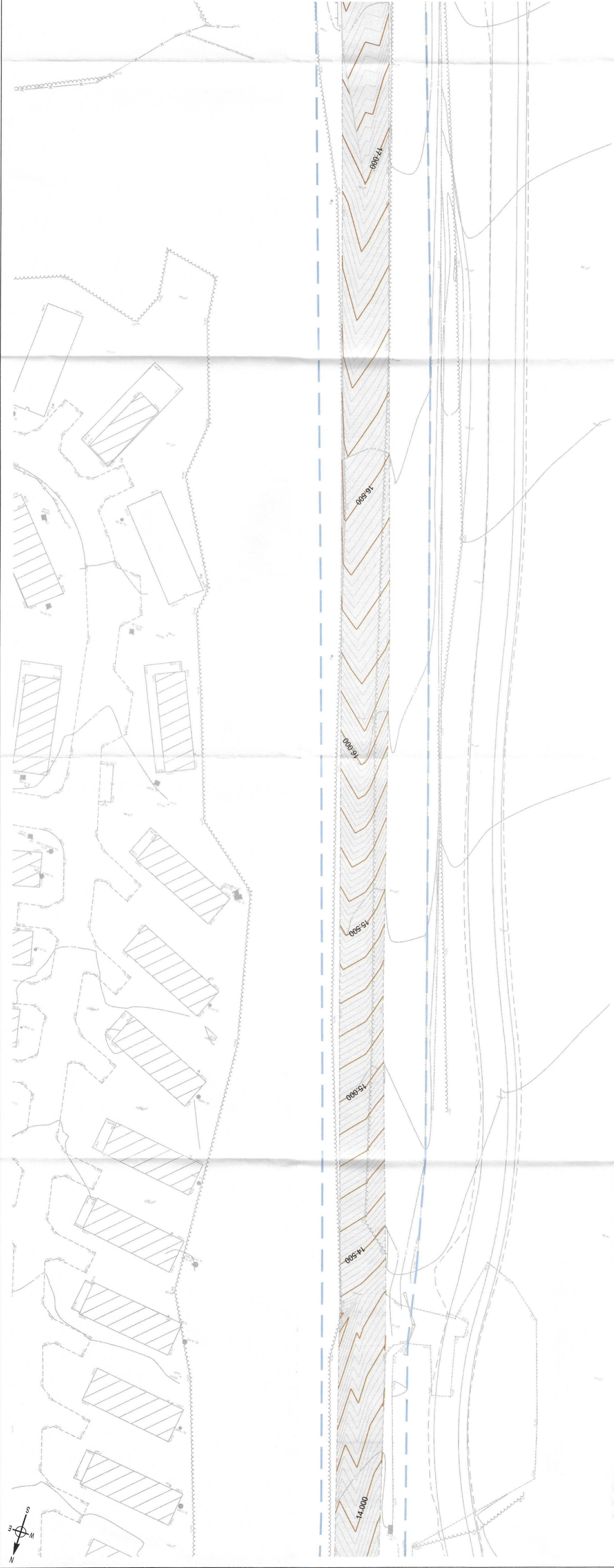
PROPOSED CONTOURS
SHEET 2

BROADLAND SANDS
HOLIDAY PARK

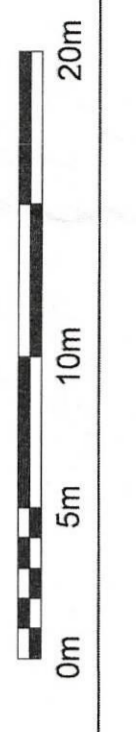
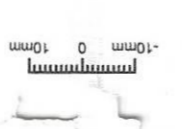
dip **sdd**

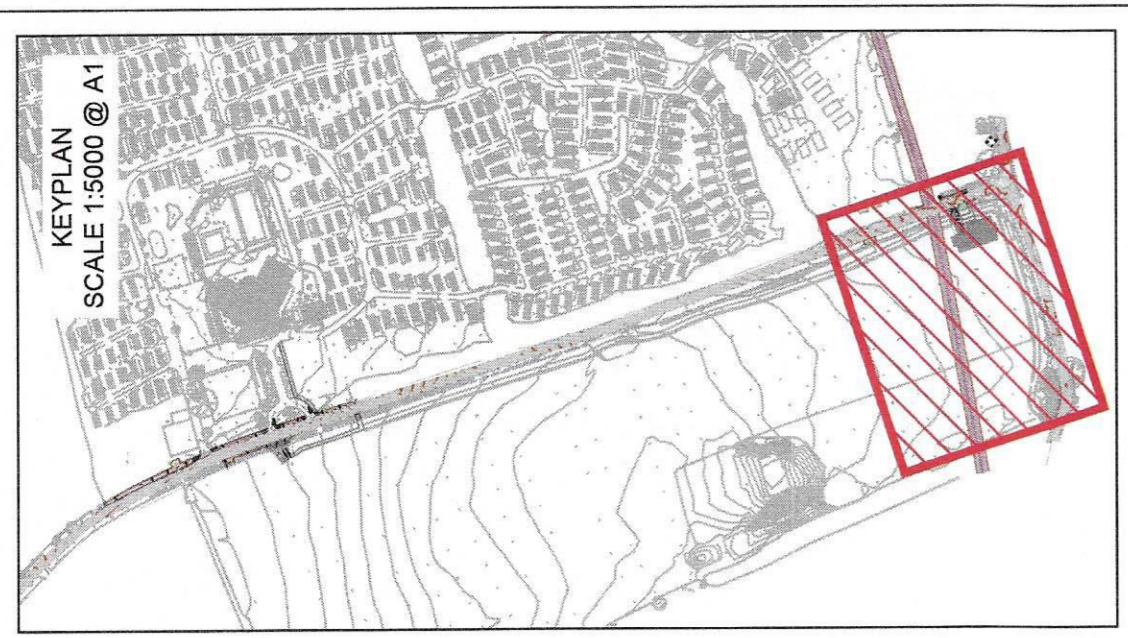
DRAWING NUMBER: SF5050-2PD-216

REV: P07



REV	DESCRIPTION





- NOTES:**
1. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
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KEY:

	EXISTING HIGHWAY BOUNDARY
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED GRADIENT
	EXISTING CARRIAGEWAY
	PROPOSED CARRIAGEWAY
	PROPOSED BITUMINOUS FOOTWAY / FOOTPATH

REV	DESCRIPTION	DATE	BY	CHECKED BY	DATE
P07	UPDATED TO SCC COMMENTS	20.09.2022	DB	DB	20.09.2022
P06	UPDATED TO SCC COMMENTS	17.04.2024	DB	DB	17.04.2024
P05	UPDATED TO SCC COMMENTS	27.09.2024	DB	DB	27.09.2024
P04	UPDATED TO SCC COMMENTS	08.09.2023	DB	DB	08.09.2023
P03	UPDATED TO SCC COMMENTS	14.02.2023	DB	DB	14.02.2023
P02	COMMENTS ADDRESSED	04.11.2023	DB	DB	04.11.2023
P01	FIRST ISSUE	20.09.2022	DB	DB	20.09.2022

TP	PD	DB	DATE
			20.09.2022

TABLE TITLE: PRELIMINARY

BROADLAND SANDS

S278
PROPOSED CONTOURS
SHEET 3

BROADLAND SANDS
HOLIDAY PARK

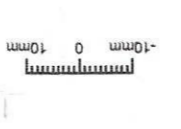
dip **sdd**

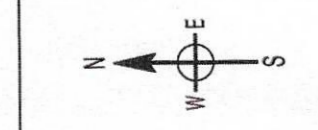
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REV: P07

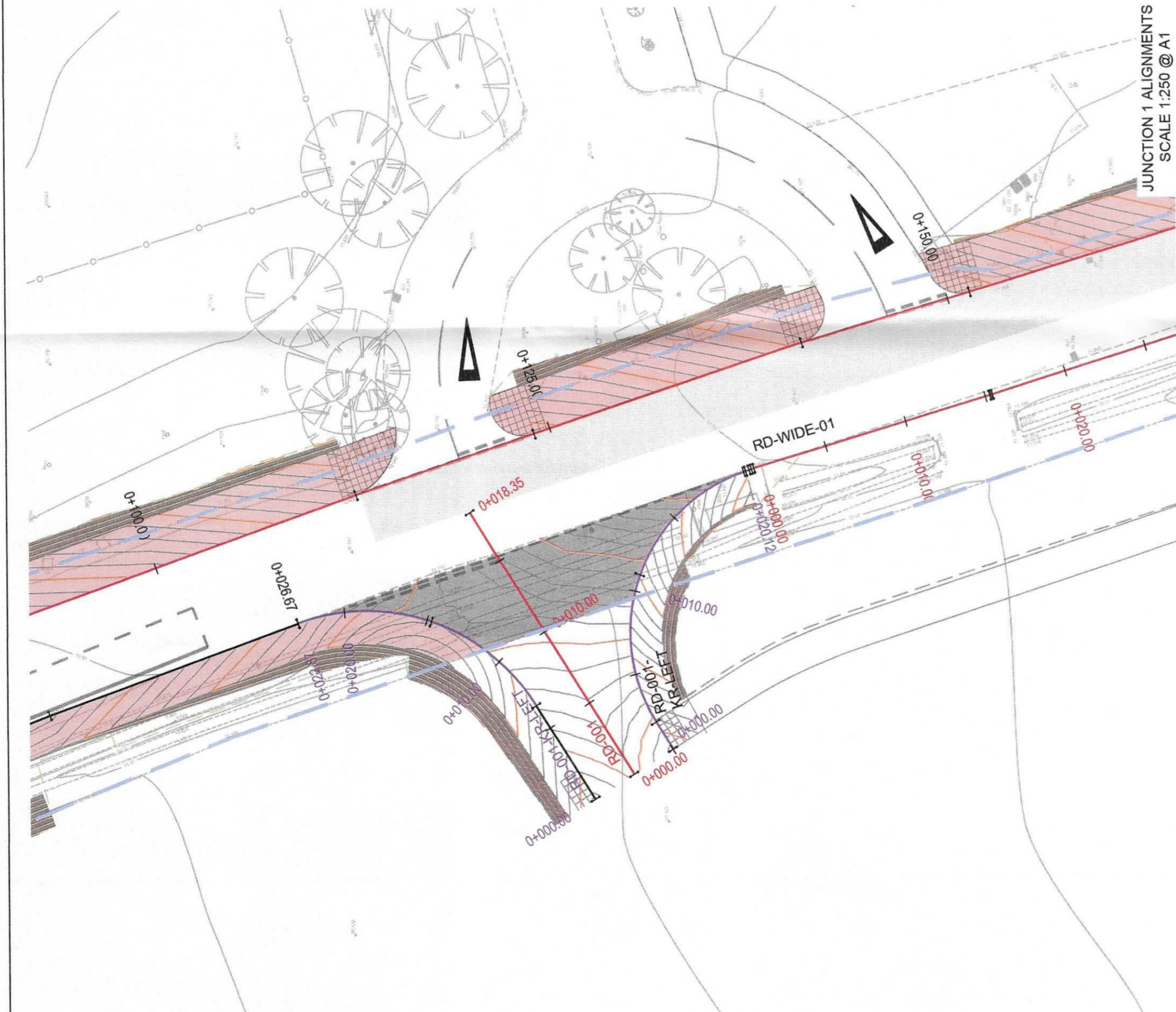


REV	DESCRIPTION	DATE

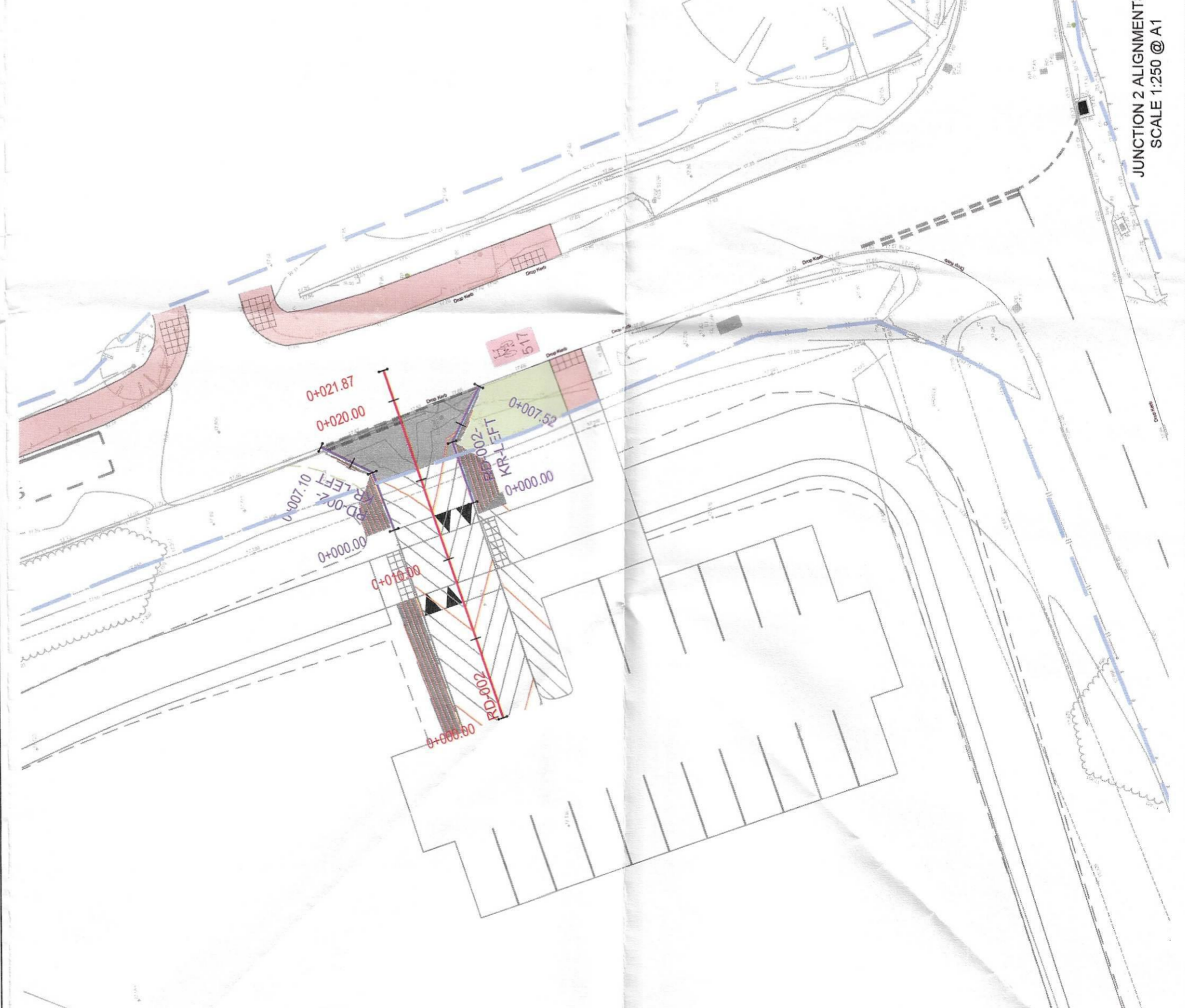
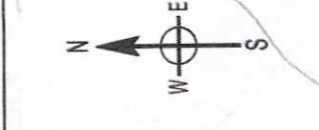




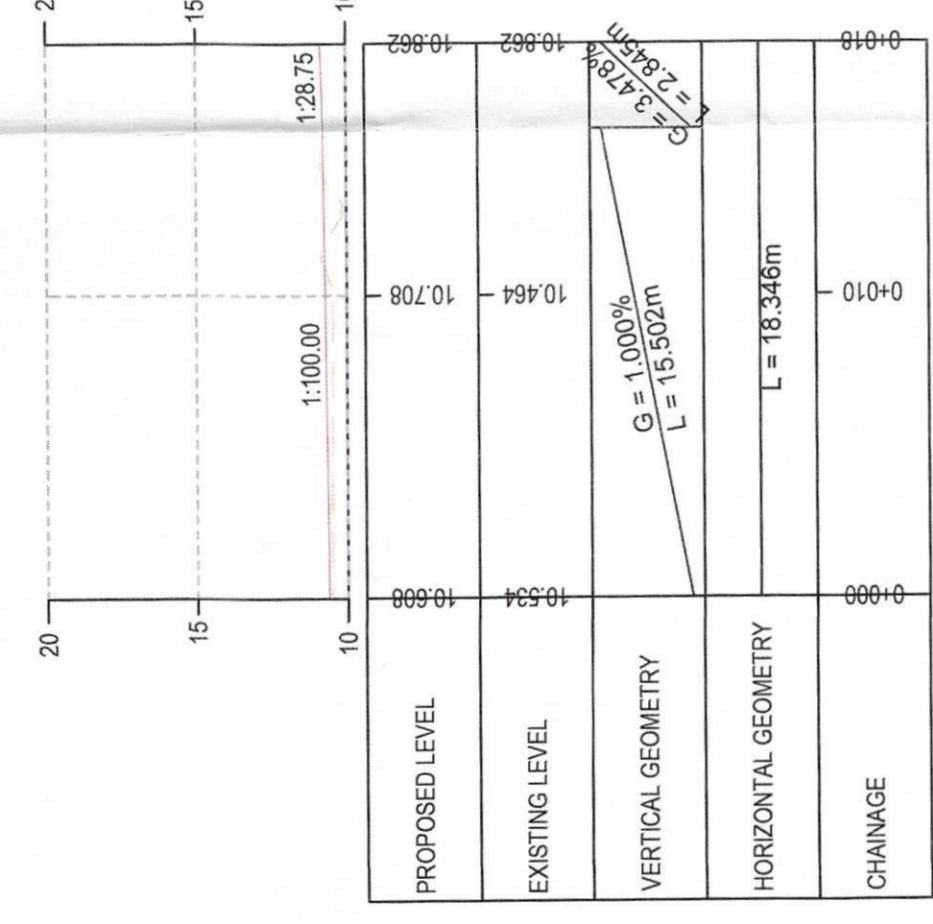
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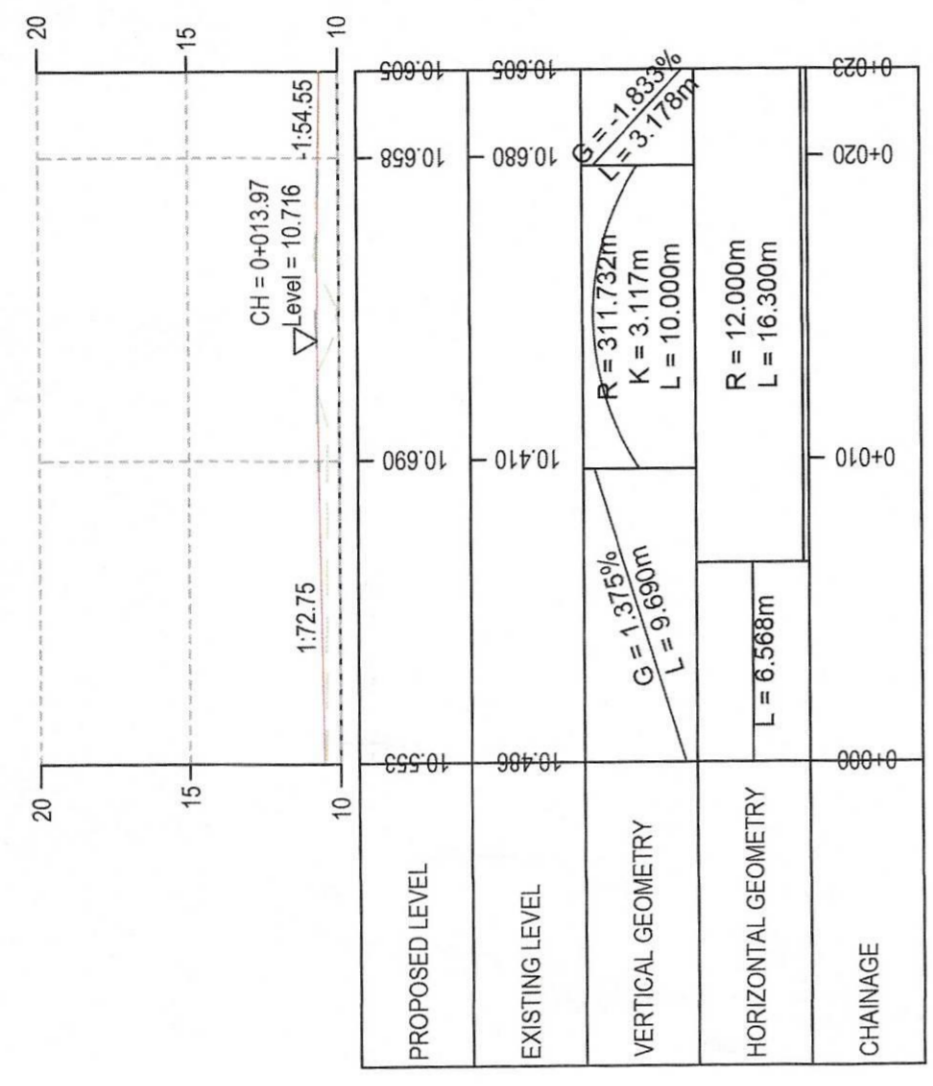
JUNCTION 1 ALIGNMENTS
SCALE 1:250 @ A1



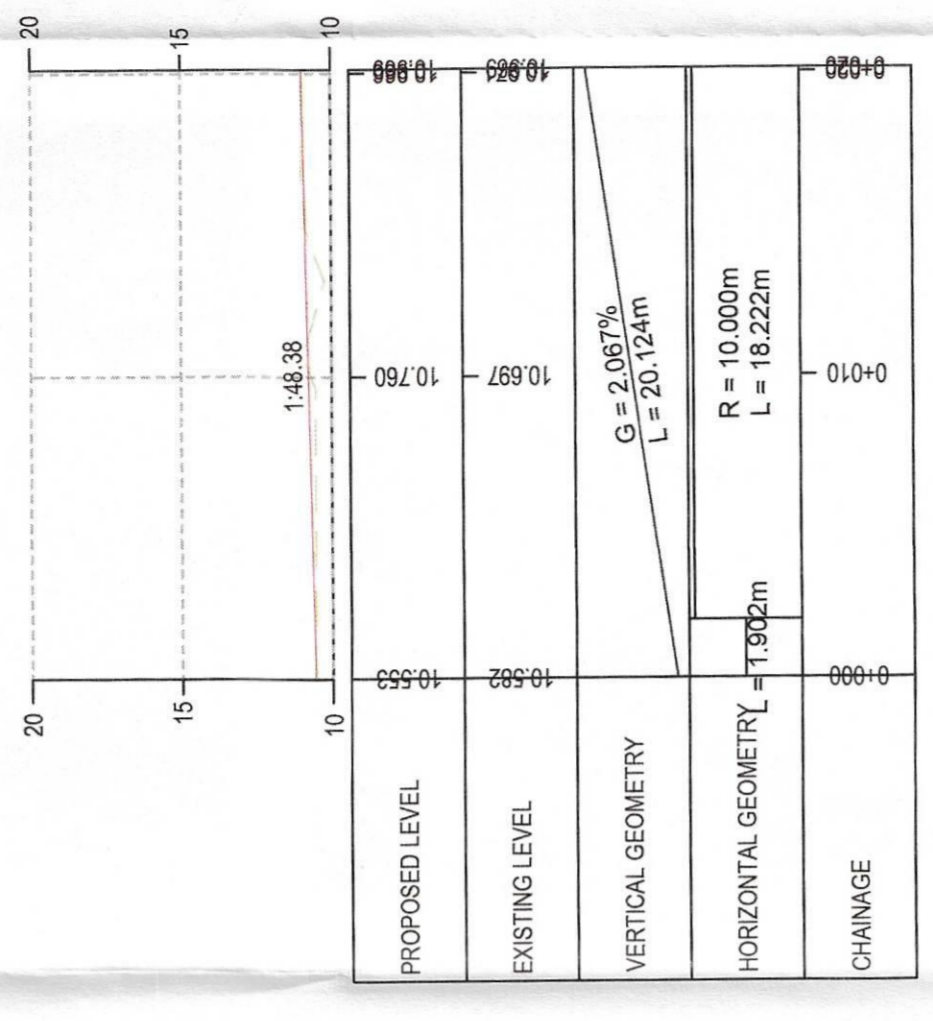
JUNCTION 2 ALIGNMENTS
SCALE 1:250 @ A1



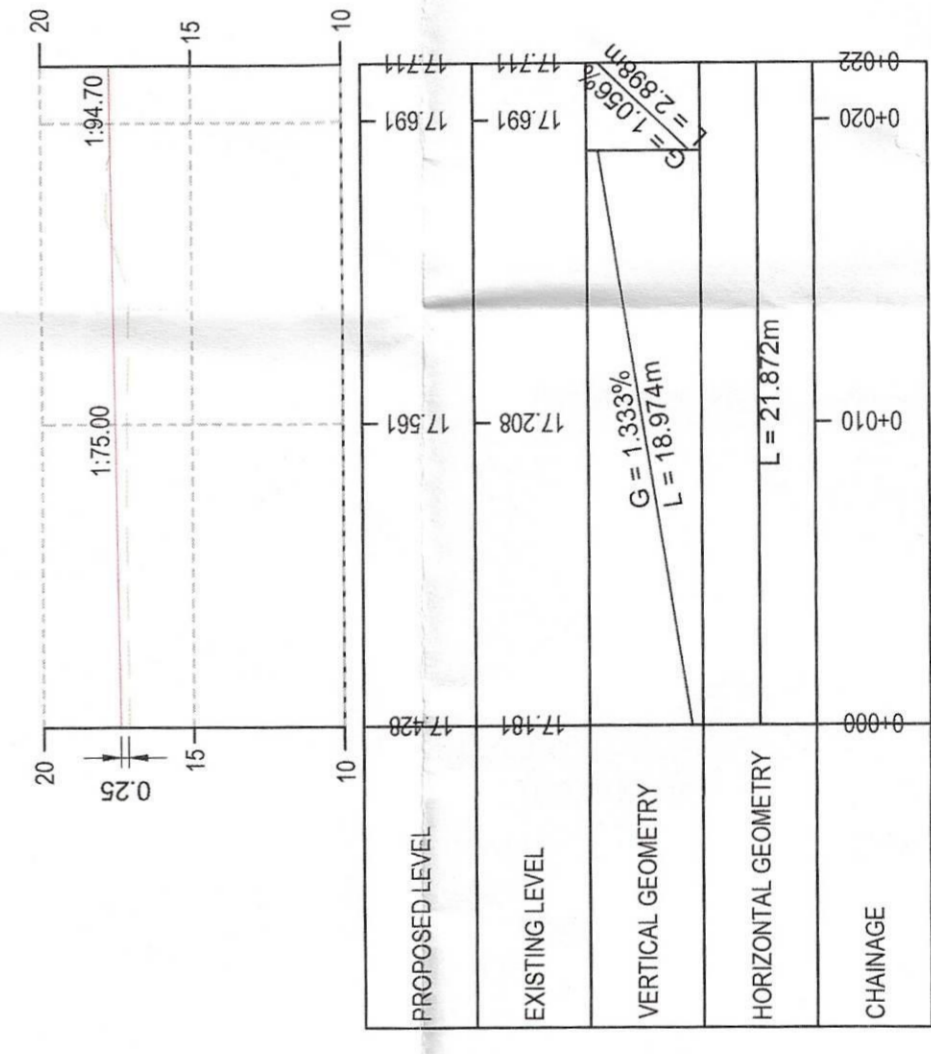
RD-001 CH 0+000.00 - 0+018.35
SCALES: H 1:250, V 1:250



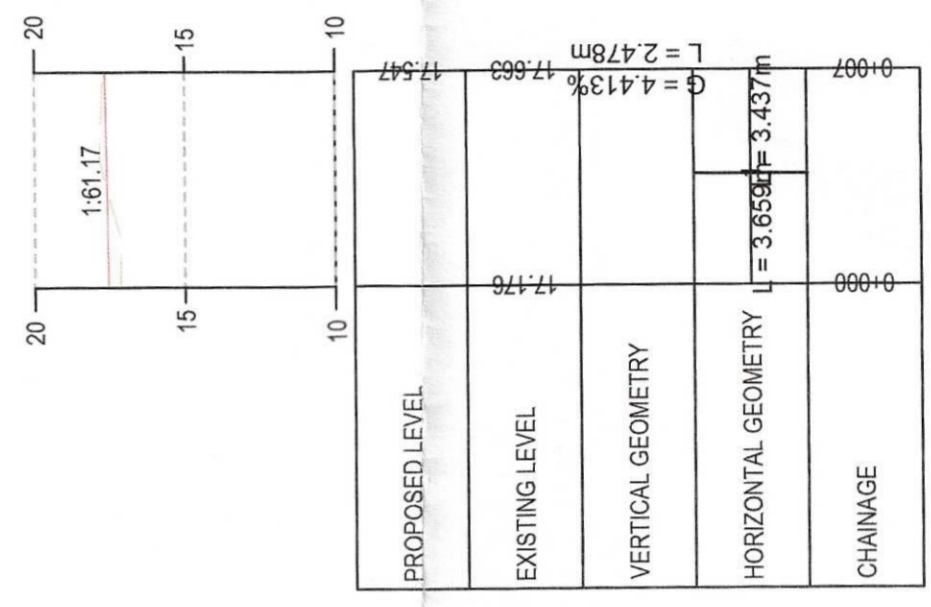
RD-001-KR-LEFT CH 0+000.00 - 0+022.87
SCALES: H 1:250, V 1:250



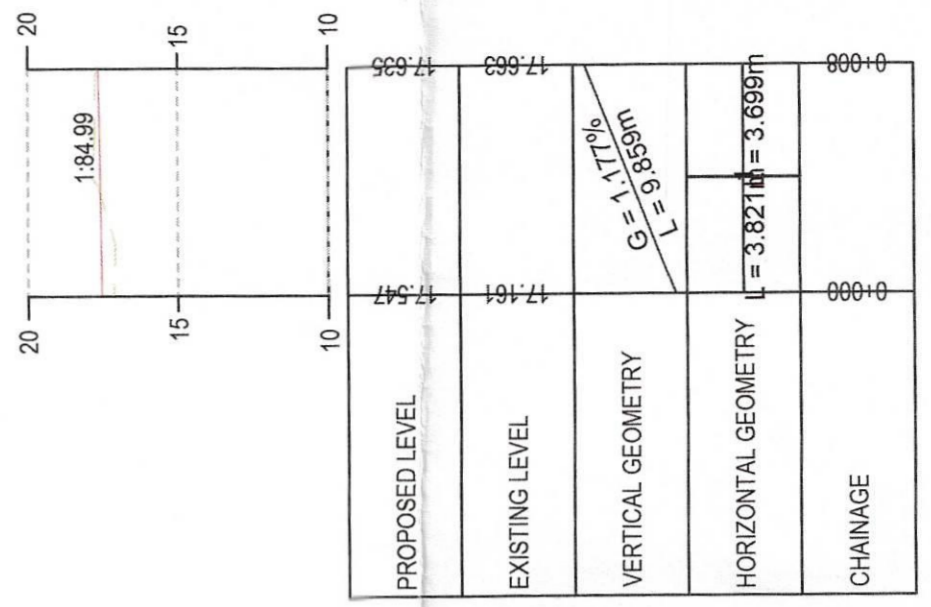
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SCALES: H 1:250, V 1:250



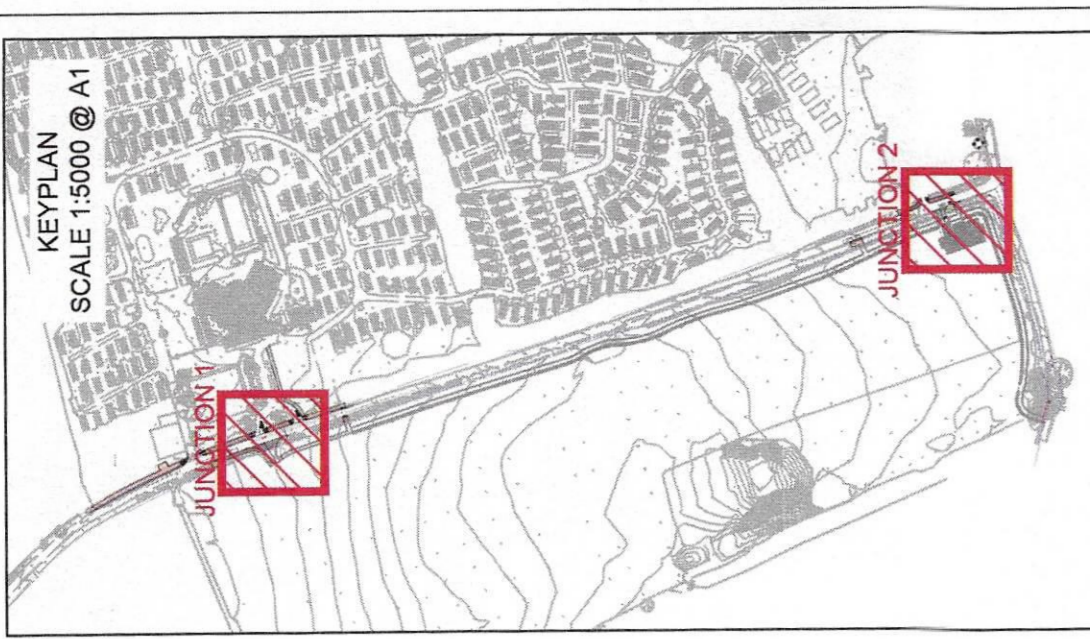
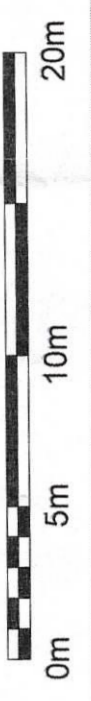
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SCALES: H 1:250, V 1:250



RD-002-KR-LEFT CH 0+000.00 - 0+007.10
SCALES: H 1:250, V 1:250



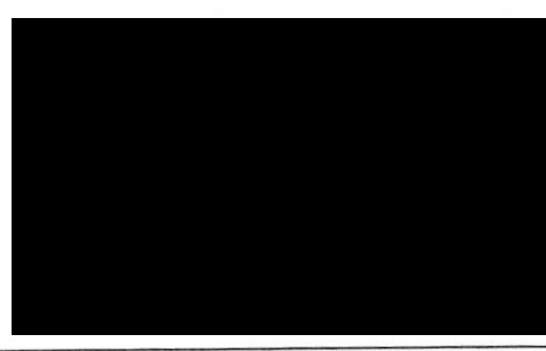
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SCALES: H 1:250, V 1:250



KEYPLAN
SCALE 1:5000 @ A1

- NOTES:
- DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
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 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

- KEY
- EXISTING HIGHWAY BOUNDARY
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED CARRIAGEWAY ALIGNMENT
 - PROPOSED KERB RETURN ALIGNMENT
 - EXISTING CARRIAGEWAY
 - PROPOSED CARRIAGEWAY
 - PROPOSED BITUMINOUS FOOTWAY / FOOTPATH
 - EXISTING GROUND LEVEL
 - PROPOSED GROUND LEVEL



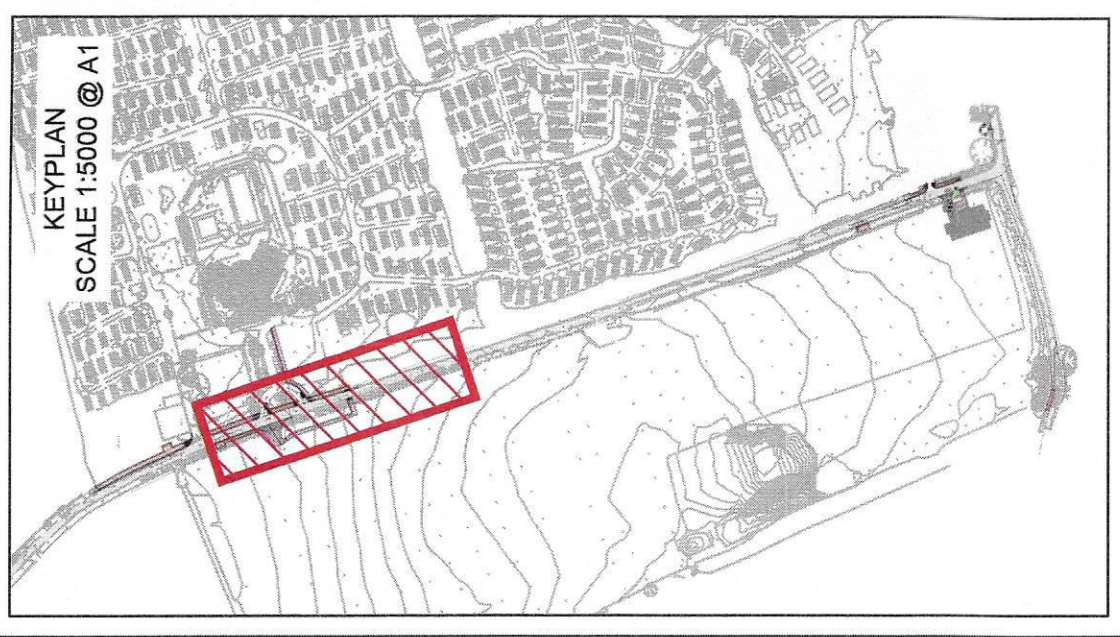
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P02	COMMENTS ADDRESSED	PA	20.09.2022
P03	COMMENTS ADDRESSED	PA	20.09.2022
P04	COMMENTS ADDRESSED	PA	20.09.2022
P05	COMMENTS ADDRESSED	PA	20.09.2022
P06	COMMENTS ADDRESSED	PA	20.09.2022

TP	PD	DB	DATE
1:250			20.09.2022

ISSUE STATUS
PRELIMINARY

BROADLAND SANDS
S278
ENGINEERING PLAN
SHEET 1 (JUNCTIONS)
BROADLAND SANDS
HOLIDAY PARK

dip sdd
SF5050-2PD-220
P06



NOTES:
 1. DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 2. THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

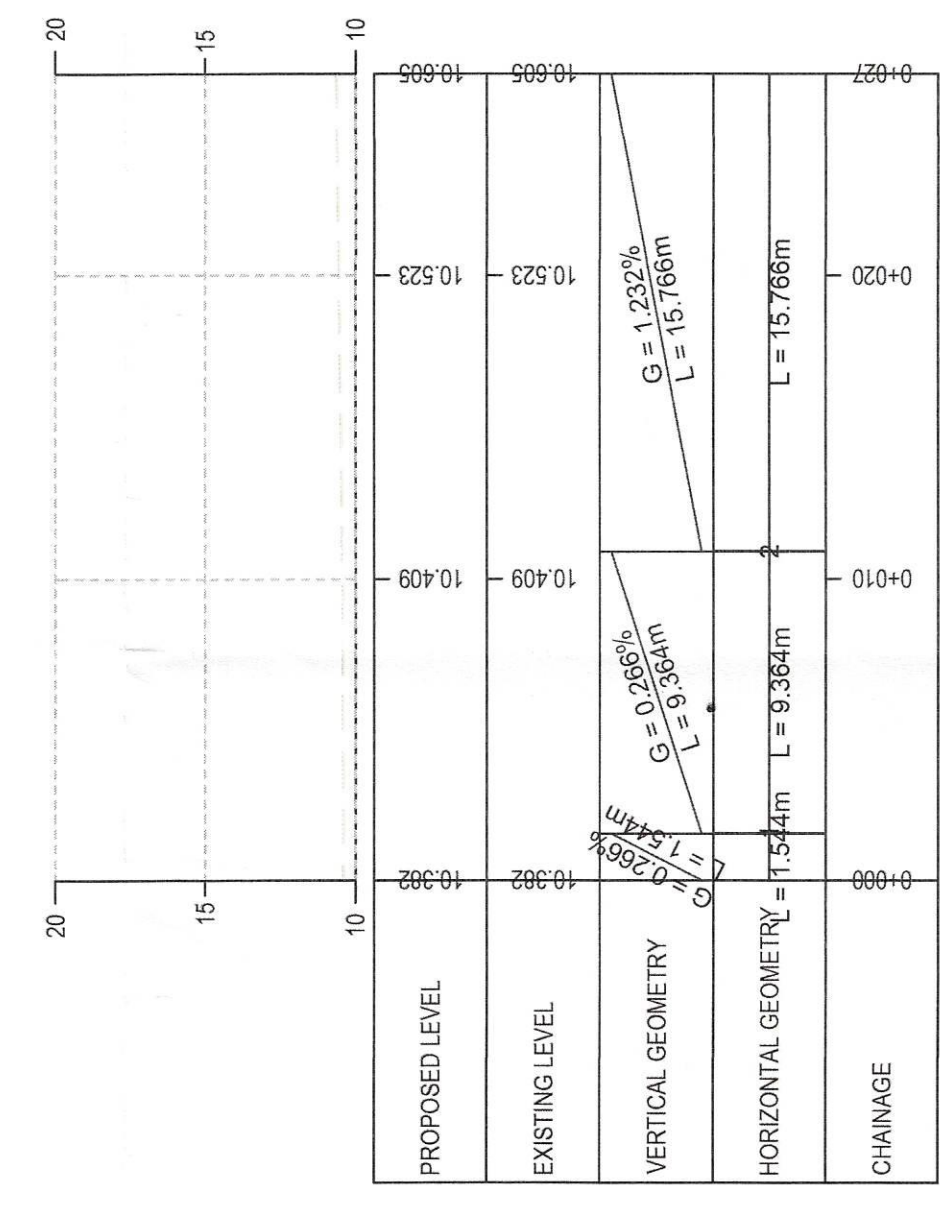
KEY

EXISTING HIGHWAY BOUNDARY
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
PROPOSED CARRIAGEWAY ALIGNMENT
PROPOSED KERB RETURN ALIGNMENT
EXISTING CARRIAGEWAY
PROPOSED CARRIAGEWAY
PROPOSED BITUMINOUS FOOTWAY / FOOTPATH
EXISTING GROUND LEVEL
PROPOSED GROUND LEVEL

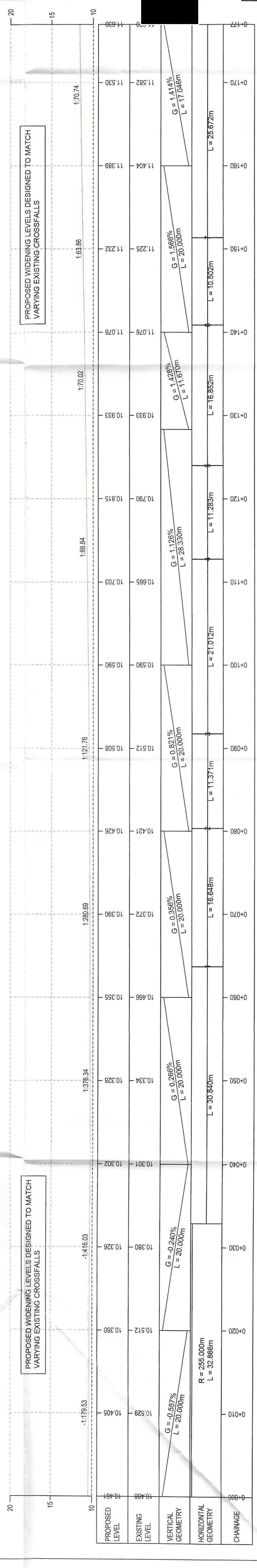
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04	1	20.09.2022	REVISED TO REFLECT COMMENTS
05	1	20.09.2022	REVISED TO REFLECT COMMENTS
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09	1	20.09.2022	REVISED TO REFLECT COMMENTS
10	1	20.09.2022	REVISED TO REFLECT COMMENTS
11	1	20.09.2022	REVISED TO REFLECT COMMENTS
12	1	20.09.2022	REVISED TO REFLECT COMMENTS
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19	1	20.09.2022	REVISED TO REFLECT COMMENTS
20	1	20.09.2022	REVISED TO REFLECT COMMENTS



JUNCTION 1 ALIGNMENTS
SCALE 1:250 @ A1



EX-KERB-WEST-001 CH 0+000.00 - 0+026.67
SCALES: H 1:250, V 1:250

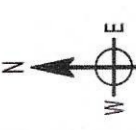


EX-EAST KERB CH 0+000.00 - 0+177.05
SCALES: H 1:250, V 1:250

BROADLAND SANDS
 HOLIDAY PARK

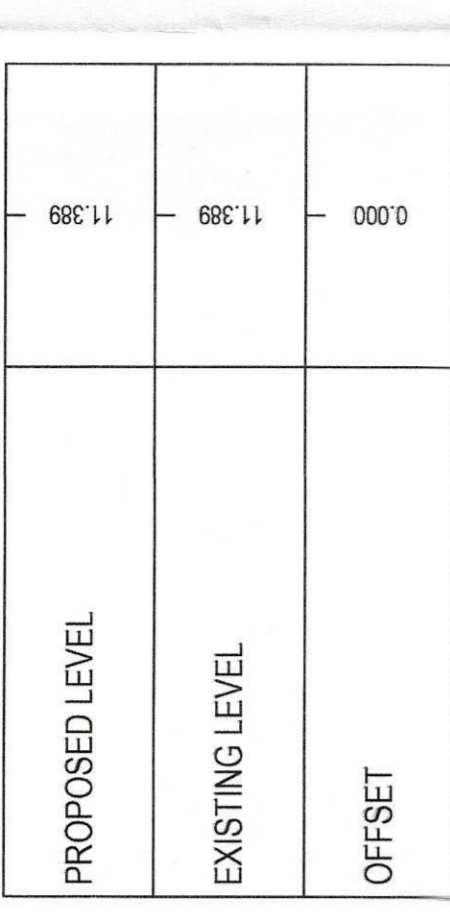
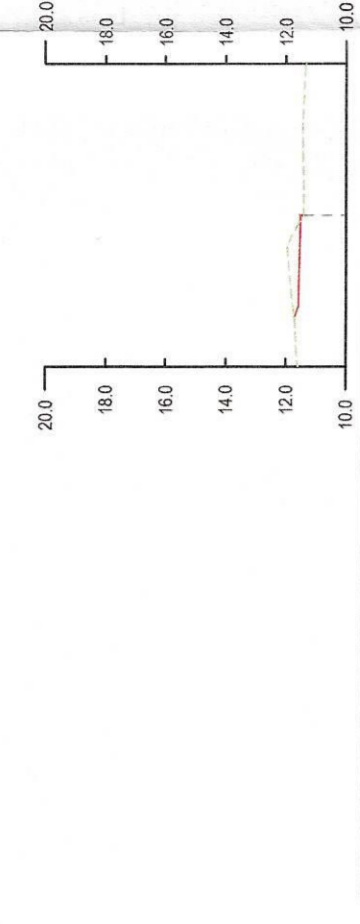
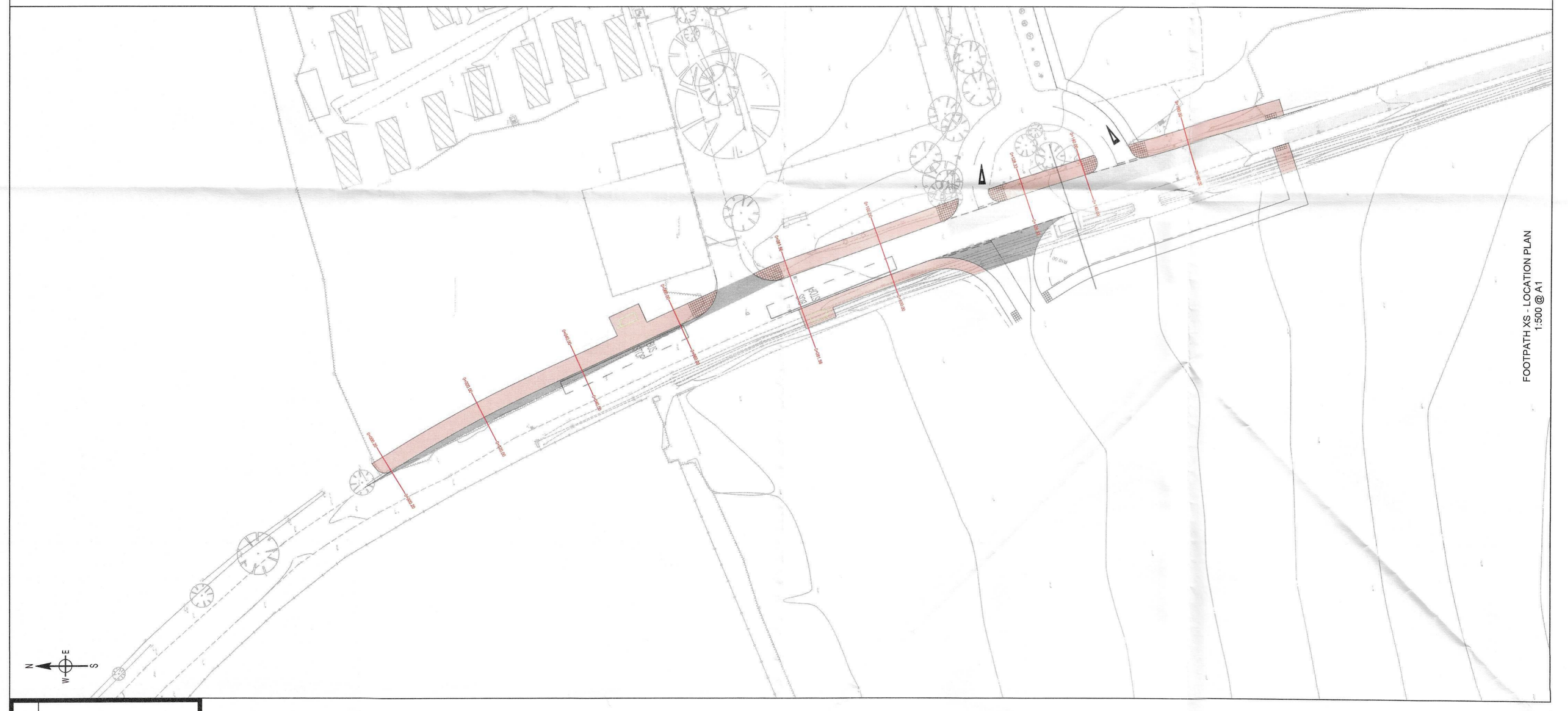
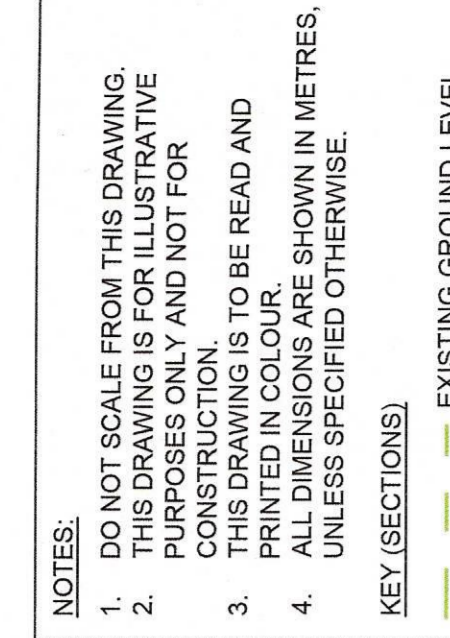
S278
 ENGINEERING PLAN
 SHEET 2 (JUNCTIONS)

djp **sdp**
 CIVIL ENGINEERING & SURVEYING
 10/11 WILSON STREET, BUNNINGS, NSW 1510
 PHONE: (02) 9439 9999
 WWW.DJPANDSDP.COM.AU



 DRAWING NUMBER: [REDACTED]

- NOTES:**
- DO NOT SCALE FROM THIS DRAWING. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.
- KEY (SECTIONS)**
- EXISTING GROUND LEVEL
 - PROPOSED GROUND LEVEL



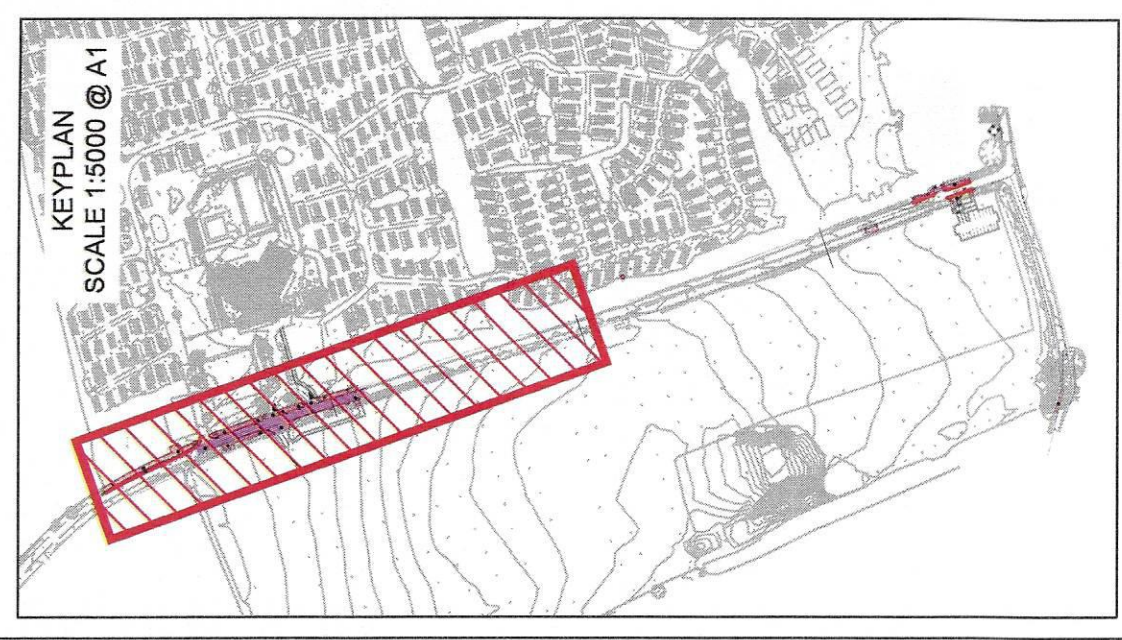
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BROADLAND SANDS
 HOLIDAY PARK
 S278
 PROPOSED CROSS SECTIONS
 SHEET 5

SCALE: 1:500 / 1:250
 ISSUE STATUS: PRELIMINARY

0m 5m 10m 20m

dip sdd
 SF-5050-2PD-234
 P03



NOTES:
 1. DO NOT SCALE FROM THIS DRAWING.
 2. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 3. THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 4. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

- KEY**
- EXISTING HIGHWAY BOUNDARY
 - PROPOSED HALF BATTERED KERB (HB2)
 - PROPOSED BULLNOSED KERB (6mm / 25mm UPSTAND) (BN6 / BN25)
 - PROPOSED DR1 / DL1
 - PROPOSED TRANSITION KERB (CS1)
 - PROPOSED CS1 KERB (KK(180))
 - PROPOSED KASSEL KERB (180mm) CONTAINMENT (EF)
 - PROPOSED EDGING KERB (TYPE EF)
 - PAVING TYPE 1 - FULL DEPTH CARRIAGEWAY
 - PAVING TYPE 2 - FULL DEPTH ASPHALT FOOTWAY
 - PLANE AND RESURFACE EXISTING CARRIAGEWAY TO BE PLAINED AND RESURFACED WITH STEPPED CONSTRUCTION



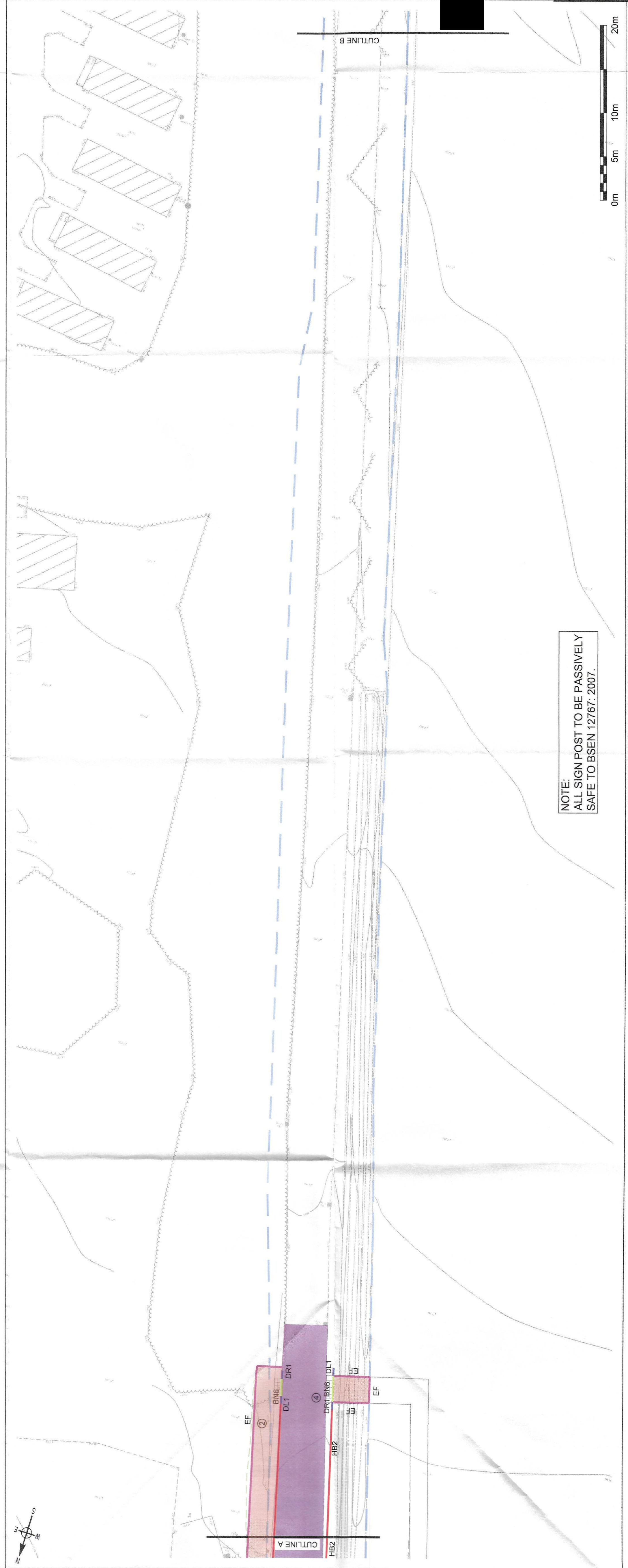
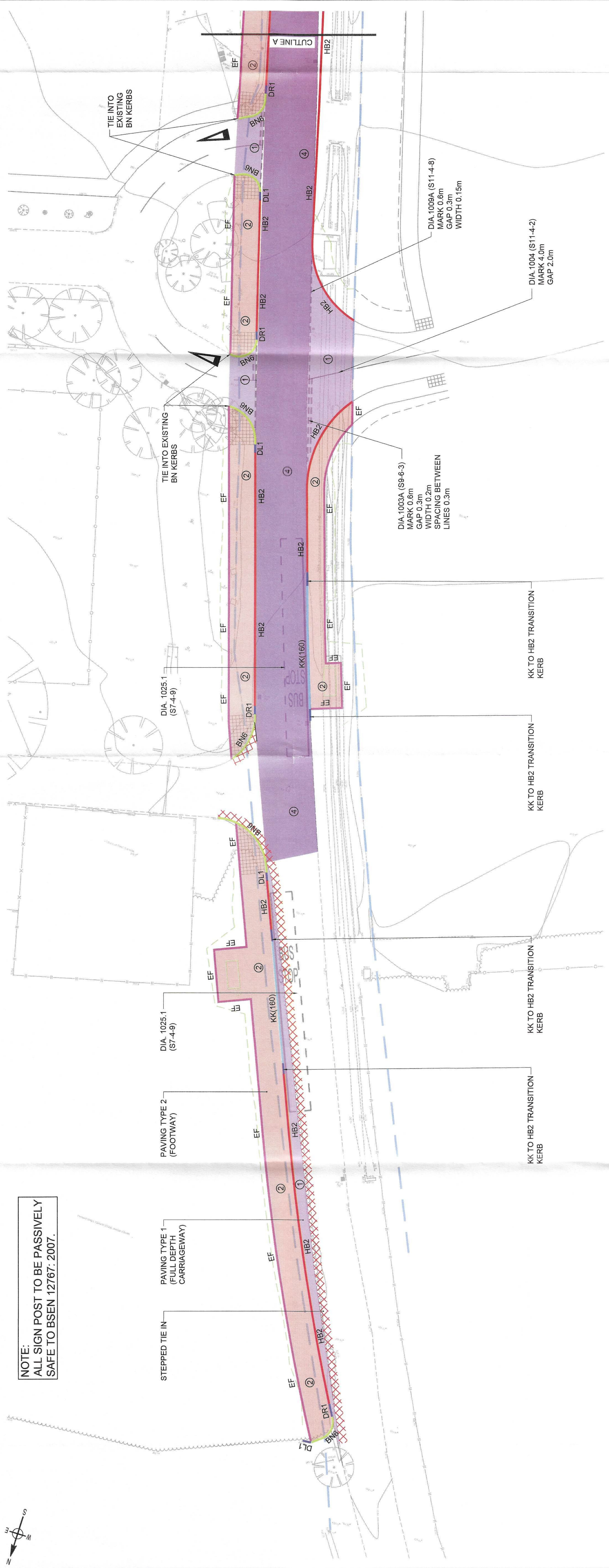
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PO4	UPDATED TO BCC COMMENTS	TP	DB	16.02.2023
PO5	COMMENTS ADDRESSED	TP	DB	24.07.2023
PO6	FIRST ISSUE	TP	DB	10.09.2022
PO7	DESCRIPTION	TP	DB	10.09.2022
PO8	DRAWN BY	TP	DB	10.09.2022
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PO10	DATE	TP	DB	20.09.2022

ISSUE STATUS
 PRELIMINARY

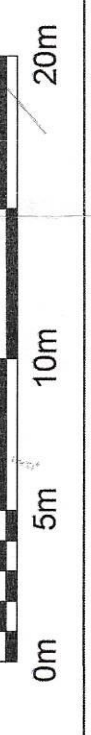
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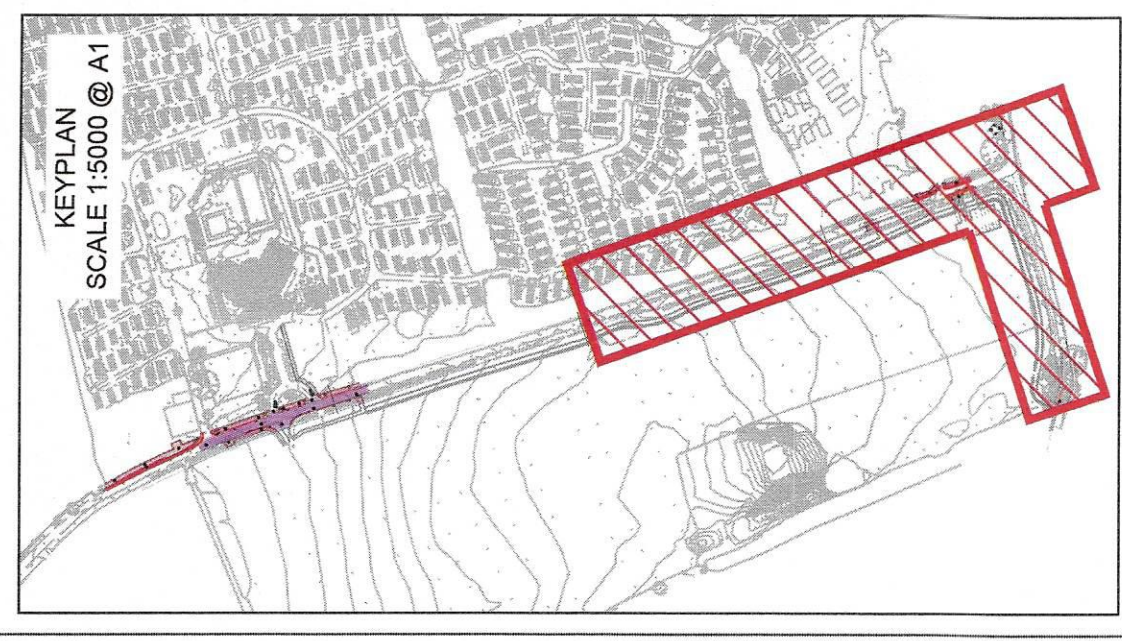
BROADLAND SANDS
 S278
 PAVING, KERBS, ROAD MARKINGS AND SIGNAGE SHEET 1
 BROADLAND SANDS HOLIDAY PARK

dip **sod**
 DESIGN & CONSTRUCTION
 100 WINDMILL LANE, SOUTH AUCKLAND
 PHONE: 09 252 2222
 WWW.DIPANDSOD.CO.NZ
 SF5050-2PD-240
 P06



NOTE:
 ALL SIGN POST TO BE PASSIVELY SAFE TO BSEN 12767: 2007.





- NOTES:**
- DO NOT SCALE FROM THIS DRAWING
 - THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

KEY

EXISTING HIGHWAY BOUNDARY
PROPOSED HALF BATTERED KERB (HB2)
PROPOSED BULLNOSED KERB (BN6 / BN25)
PROPOSED DR1 / DL1
PROPOSED CS1
PROPOSED CASSEL KERB (KK(160))
PROPOSED EDGING KERB (TYPE EF)
PAVING TYPE 1 - FULL DEPTH CARRIAGEWAY
PAVING TYPE 2 - FULL DEPTH ASPHALT FOOTWAY
PLANE AND RESURFACE EXISTING CARRIAGEWAY TO BE PLANNED AND RESURFACED WITH STEPPED CONSTRUCTION

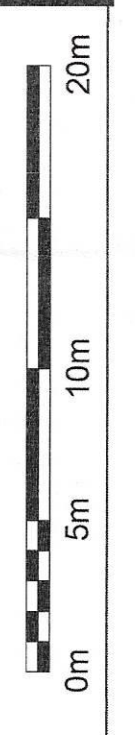
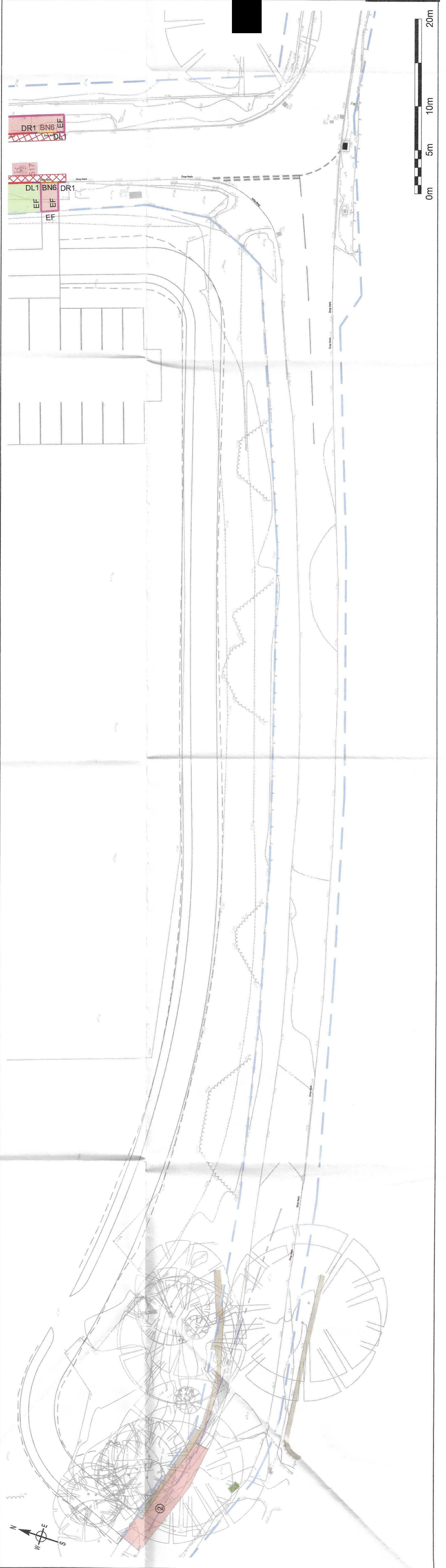
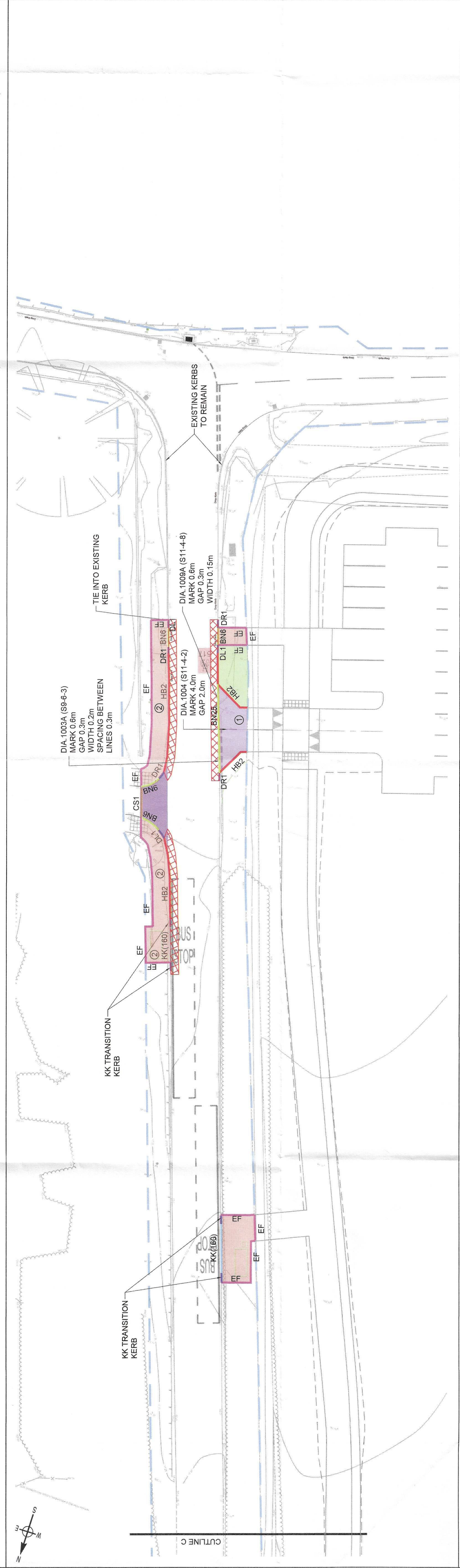
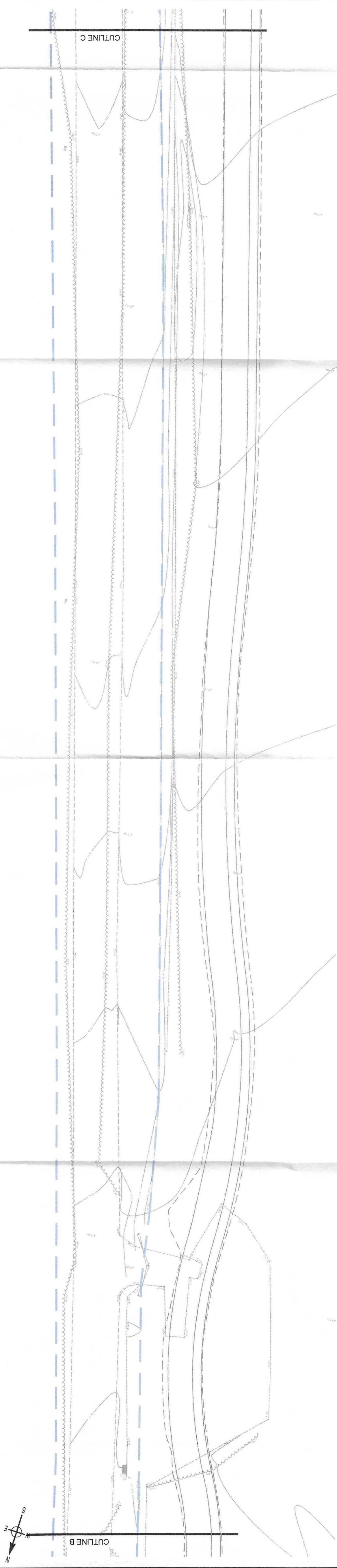


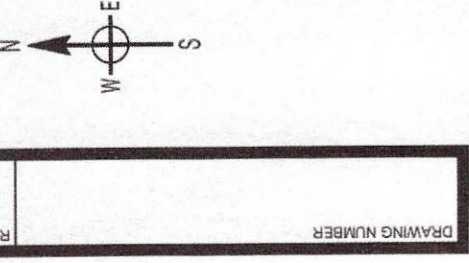
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PH4	UPDATED TO SCC COMMENTS	TP	DR	14/02/2023
PH5	COMMENTS ADDRESSED	TP	DR	24/01/2023
PH6	FIRST ISSUE	TP	DR	20/09/2022
PH7	FIRST ISSUE	TP	DR	20/09/2022
PH8	FIRST ISSUE	TP	DR	20/09/2022

DESIGNED BY: PASSED BY: DATE: 20/09/2022
 TP: PD: DB: PRELIMINARY
 SCALE: 1:250

BROADLAND SANDS
 S278
 PAVING, KERBS, ROAD MARKINGS AND SIGNAGE SHEET 2
 BROADLAND SANDS HOLIDAY PARK

dip **sdp**
 CIVIL ENGINEERING & SURVEYING
 SF5050-2PD-241 P06





NOTE:
ALL HEADWALLS TO HAVE
HANDRAILS INSTALLED

PROPOSED CULVERT
WITH PRE-CAST
CONCRETE HEADWALL

PROPOSED CULVERT WITH
PRE-CAST CONCRETE HEADWALL
UNDER PROPOSED PRIORITY
JUNCTION

PROPOSED CULVERT
WITH PRE-CAST
CONCRETE HEADWALL

CULVERT SIZING AND DESIGN

PROPOSED CULVERTS HAVE BEEN SIZED TO ACCOMMODATE FLOWS IN THE EXISTING DITCH WITHOUT IMPEDING EXISTING FLOWS. FLOWS HAVE BEEN CALCULATED BY UTILISING FEH CATCHMENT DATA AND RUNOFF MODELING SOFTWARE AT 1:1 SCALE. DETAILS OF THE CALCULATION PROCESS ARE AS FOLLOWS:

- FROM THE UK CENTRE FOR ECOLOGY & HYDROLOGY, THE FEH CATCHMENT AREA DRAINING TO THE EXISTING DITCH IS 0.66KM² (66HA).
- UTILISING THE GREENFIELD RUNOFF RATE ESTIMATION TOOL FROM UK SUDS PROVIDES A GREENFIELD RUNOFF RATE OF 31.8 l/s IN THE 1 IN 100-YEAR STORM EVENT. SINCE THE SITE IS LOCATED IN THE BROADLAND RIVERS MANAGEMENT CATCHMENT, ADDING A CLIMATE CHANGE FACTOR OF 45% PROVIDES A GREENFIELD RUNOFF RATE OF 46.1 l/s.
- RUNOFF FROM BOTH STIRRUPS LANE AND COAST ROAD IS CONVEYED TO THE EXISTING DITCH BY A 1.5M WIDE DITCH. A TOTAL AREA OF 0.788 HA OF TARMAC DRAINING TO THE DITCH, THE PEAK RUNOFF RATE FROM THE ROADWAYS DURING THE 100-YEAR STORM PLUS 45% CLIMATE CHANGE IS 505.1 l/s.
- COMBINING THE GREENFIELD RUNOFF RATE AND THE RUNOFF RATE FROM THE ROAD CREATES A TOTAL RUNOFF RATE OF 551.2 l/s. THE PROPOSED CULVERTS HAVE BEEN DESIGNED TO BE ABLE TO CONVEY THIS FLOW.
- THE EXISTING DITCH HAS A GRADIENT OF APPROXIMATELY 1:50. MODELING IN CAUSEWAY FLOW PROVIDES THAT A 375mm DIAMETER CULVERT Laid AT 1:30 HAS A CAPACITY OF 283.5 l/s. THEREFORE, TWIN 375mm DIAMETER CULVERTS Laid AT 1:30 IS GREATER THAN THE REQUIRED DESIGN CAPACITY. IT SHOULD BE SUFFICIENT TO CONVEY THE 100-YEAR PLUS CLIMATE CHANGE STORM EVENT DRAINING TO THE DITCH. SEVERAL EFFORTS HAVE BEEN MADE TO MAKE THIS A CONSERVATIVE CALCULATION:
 - CLIMATE CHANGE FACTOR HAS BEEN ADDED TO THE 100-YEAR STORM EVENT.
 - THE AREA OF ROADWAY DRAINING TO THE DITCH HAS ALSO BEEN INCLUDED IN THE GREENFIELD CALCULATION, THUS BEING "DOUBLE COUNTED".
 - TIME OF ENTRY FOR THE HIGHWAY RUNOFF HAS BEEN KEPT AS A STANDARD 5 MINUTES. THIS IS LIKELY TO BE CONSIDERABLY LOWER IN REALITY, REDUCING THE FLOW RATE IN THE DITCH/CULVERT.

- NOTES**
- DO NOT SCALE FROM DRAWING. UNLESS STATED OTHERWISE, PIPE DIAMETERS ARE IN mm.
 - THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - BASED ON TOPOGRAPHICAL SURVEY DATA PROVIDED BY OTHERS AND CDA SHALL NOT BE LIABLE FOR ANY INACCURACIES OR DEFICIENCIES. EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE.
 - ALL SEWERS TO BE THERMOPLASTIC PIPES. PIPES WITH THE RELEVANT PROVISIONS OF BS EN 1401-1 (PVC-U), BS EN 1401-2 (PP), OR BS EN 12666-1 (PE) AS APPLICABLE TO BE CONSTRUCTED TO THE DESIGN.
 - NO TREES TO BE PLANTED WITHIN SEWER EASEMENT. APPROVED TREE SPECIES LIST TO BE PROVIDED TO THE CLIENT PRIOR TO COMMENCEMENT OF WORKS. SEE SEPARATE STATEMENT IN DRAWING.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND CONTRACTORS DRAWINGS AND SPECIFICATIONS. DO NOT SCALE FROM THIS DRAWING MANUAL OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM CDA PRIOR TO SCALING.
 - CONTRACTOR SHALL LAISE WITH ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS TO ENSURE LOCATED, PROTECTED AND WHERE NECESSARY DIVERTED.
 - PRIOR TO COMMENCEMENT OF THE WORKS, THE DEPTH OF EXISTING UTILITIES ACROSS THE SITE AND LIAISE WITH ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS TO ENSURE THAT ALL PIPES, PROTECTED AND WHERE NECESSARY DIVERTED.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, EUROPEAN NORMS AND CODES OF PRACTICE AND BUILDING PRACTICE.
 - ALL DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS. IF YOU DO NOT UNDERSTAND FULLY ANY OF THE DETAILS SHOWN ON THIS DRAWING CONTACT THE ENGINEER FOR CLARIFICATION.
 - AND NECESSARY LICENCES FROM THE HIGHWAY AUTHORITY BEFORE CARRYING OUT ANY WORKS WITHIN THE EXISTING PUBLIC HIGHWAY.

- UPDATED TO SCC COMMENTS
- UPDATED TO SCC COMMENTS
- SOUTHERN DRAINAGE EASEMENT SHOWN TO REMAIN PRIVATE / E288 EXTENTS AMENDED
- REVISIONS TO BE MADE FOLLOWING
- UPDATED TO SCC COMMENTS
- UPDATED TO SCC COMMENTS
- COMMENTS ADDRESSED
- PROF ISSUE
- ISSUED BY
- CHECKED BY
- DATE

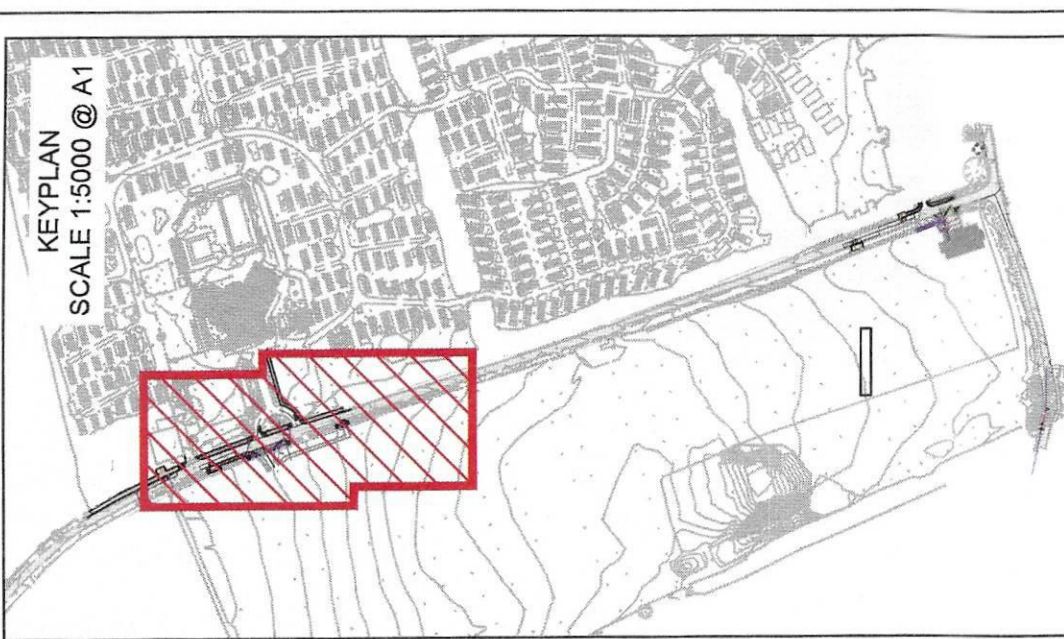
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2	CHECKED BY	
3	DATE	

SCALE: AS AT 603
1:1250
PRELIMINARY

BROADLAND SANDS
DRAINAGE LAYOUT
SHEET 1

BROADLAND SANDS
HOLIDAY PARK

SF5060-2PD-260



- NOTES**
- DO NOT SCALE FROM DRAWING. DIMENSIONS STATED OTHERWISE ARE IN METRES.
 - THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - BASED ON TOPOGRAPHICAL SURVEY DATA PROVIDED BY OTHERS AND CDA SHALL NOT BE LIABLE FOR ANY INACCURACIES OR DEFICIENCIES. EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE.
 - ALL SEWERS TO BE THERMOPLASTIC PIPES, PIPES, MANHOLES AND ACCESSORIES SHALL BE MANUFACTURED WITH THE RELEVANT PROVISIONS OF BS EN 14011 (PVC-U), BS EN1852-1 (PP), OR BS EN 12866-1 (PE) AS APPROPRIATE.
 - NO TREES TO BE PLANTED WITHIN SEWER EASEMENT. FORMATION TO BE SET TO SEWER SEPARATION IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF THE CONSTRUCTION GUIDANCE (DCG) OR THE CODE.
 - ALL RELEVANT ENGINEERS, ARCHITECTS AND CONTRACTORS SHALL BE ADVISED OF THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF WORKS. THE DRAWING IS TO BE READ IN CONJUNCTION WITH THE RELEVANT PROVISIONS OF THE CONSTRUCTION GUIDANCE (DCG) OR THE CODE.
 - DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM CDA PRIOR TO SCALING.
 - ALL DIMENSIONS SHALL BE TO THE FACE UNLESS OTHERWISE STATED. DIMENSIONS TO THE FACE OF THE WORKS SHALL BE TO THE FACE OF THE WORKS.
 - CONTRACTOR SHALL LIAISE WITH ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS TO ENSURE ALL UTILITIES ARE PROTECTED AND WHERE NECESSARY DIVERTED.
 - PRIOR TO COMMENCEMENT OF THE WORKS, THE LOCATION OF ALL UTILITIES SHALL BE IDENTIFIED AND LABELED WITH ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS. ALL UTILITIES SHALL BE PROTECTED AND WHERE NECESSARY DIVERTED.
 - ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF THE CONSTRUCTION GUIDANCE (DCG) OR THE CODE.
 - ALL DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - FOR CIVIL & STRUCTURAL HEALTH & SAFETY HAZARDS OF EXISTING UTILITIES ACROSS THE SITE, THE CONTRACTOR SHALL CONSULT WITH THE RELEVANT AUTHORITIES AND SERVICE PROVIDERS PRIOR TO COMMENCEMENT OF WORKS.
 - IF YOU DO NOT UNDERSTAND FULLY ANY OF THE DETAILS SHOWN ON THIS DRAWING CONTACT THE ENGINEER FOR CLARIFICATION.
 - ALL NECESSARY LICENCES FROM THE HIGHWAY AUTHORITY BEFORE CARRYING OUT ANY WORKS WITHIN THE EXISTING PUBLIC HIGHWAY.

NO.	DATE	BY	FOR	REVISION
001	12.10.2022	JD	PD	ISSUED FOR TENDER
002	12.10.2022	JD	PD	ISSUED FOR TENDER
003	12.10.2022	JD	PD	ISSUED FOR TENDER
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019	12.10.2022	JD	PD	ISSUED FOR TENDER
020	12.10.2022	JD	PD	ISSUED FOR TENDER

BROADLAND SANDS

S278
DRAINAGE LAYOUT
SHEET 2

BROADLAND SANDS
HOLIDAY PARK

djp sdd

SF5050-2PD-261

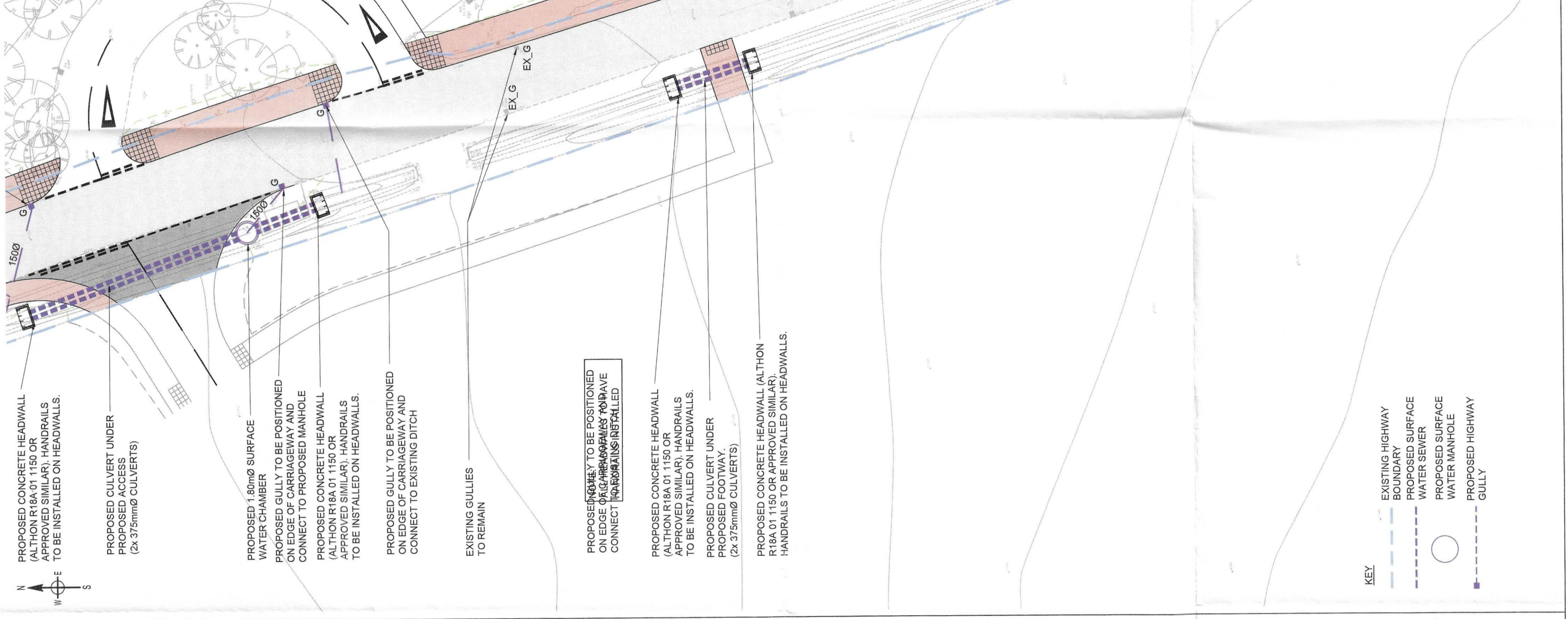
REV: P08

CULVERT SIZING AND DESIGN

PROPOSED CULVERTS HAVE BEEN SIZED TO ACCOMMODATE FLOWS IN THE EXISTING DITCH WITHOUT IMPEDANCE. EXISTING FLOWS HAVE BEEN CALCULATED BY UTILISING FEH CATCHMENT DATA AND RUNOFF MODELING SOFTWARE. CAUSEWAY FLOW, DETAILS OF THE CALCULATION PROCESS ARE AS FOLLOWS:

- FROM THE UK CENTRE FOR ECOLOGY & HYDROLOGY, THE FEH CATCHMENT AREA DRAINING TO THE EXISTING DITCH IS 0.68KM² (68HA).
- UTILISING THE GREENFIELD RUNOFF RATE ESTIMATION TOOL FROM UK SUDS PROVIDES A GREENFIELD RUNOFF RATE OF 31.8 l/s IN THE 1 IN 100-YEAR STORM EVENT. SINCE THE SITE IS LOCATED IN THE BROADLAND RIVERS MANAGEMENT CATCHMENT, ADDING A CLIMATE CHANGE FACTOR OF 45% PROVIDES A GREENFIELD RUNOFF RATE OF 46.1 l/s.
- RUNOFF FROM BOTH STIRRUPS LANE AND COAST ROAD IS CONVEYED TO THE EXISTING DITCH. A TOTAL LENGTH OF 1.310 METRES OF ROADWAY, AT SIX METRES WIDE, CREATES A TOTAL AREA OF 0.786 HA OF TARMAC DRAINING TO THE DITCH. THE PEAK RUNOFF RATE FROM THE ROADWAYS, DURING THE 100-YEAR STORM PLUS 45% CLIMATE CHANGE IS 505.1 l/s.
- COMBINING THE GREENFIELD RUNOFF RATE AND THE RUNOFF RATE FROM THE ROAD CREATES A TOTAL RUNOFF RATE OF 551.2 l/s. THE PROPOSED CULVERTS HAVE BEEN DESIGNED TO BE ABLE TO CONVEY THIS FLOW.
- 1:50. MODELING IN CAUSEWAY FLOW PROVIDES THAT A 375mm DIAMETER CULVERT LAID AT 1:50 HAS A CAPACITY OF 283.5 l/s. THEREFORE, TWIN 375mm DIAMETER CULVERTS LAID ADJACENTLY WILL PROVIDE THE REQUIRED DESIGN CAPACITY. IT SHOULD BE SUFFICIENT TO CONVEY THE 100-YEAR PLUS CLIMATE CHANGE STORM EVENT DRAINING TO THE DITCH. SEVERAL EFFORTS HAVE BEEN MADE TO MAKE THIS A CONSERVATIVE CALCULATION.
- SEVERAL EFFORTS HAVE BEEN MADE TO MAKE THIS A CONSERVATIVE CALCULATION.

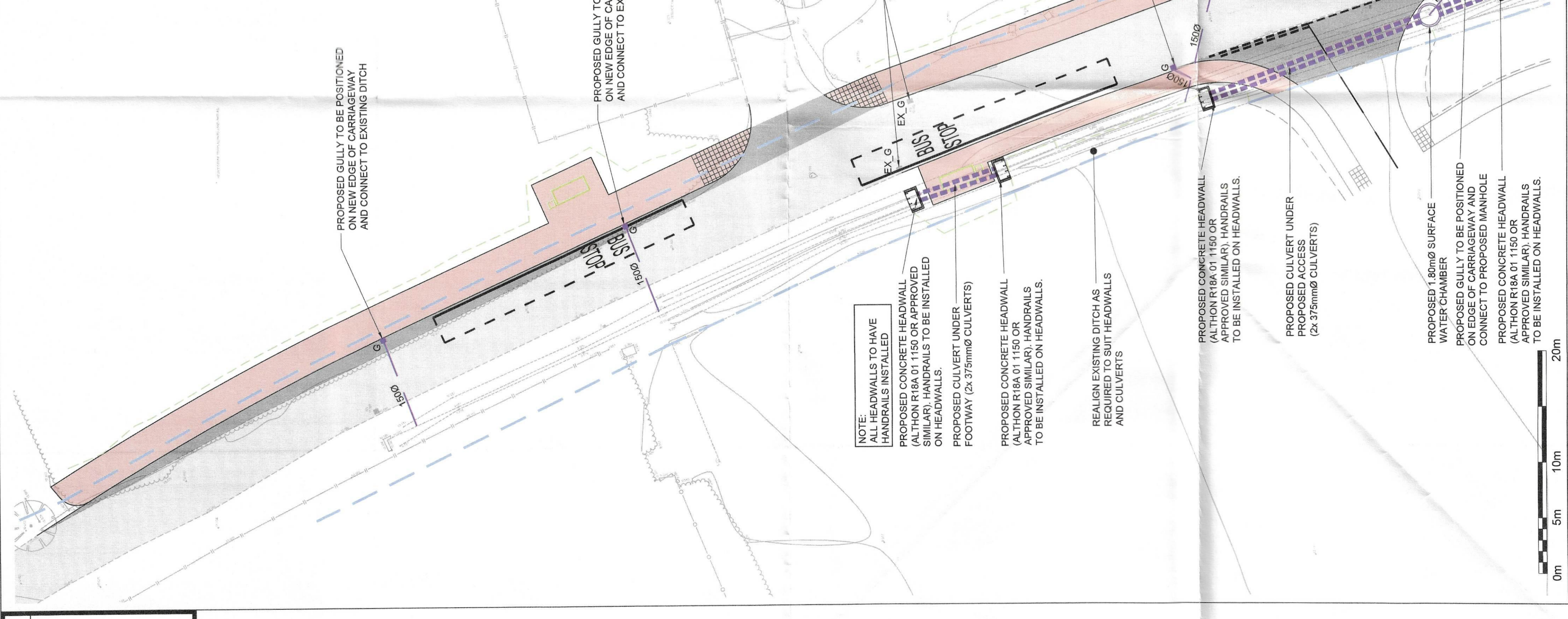
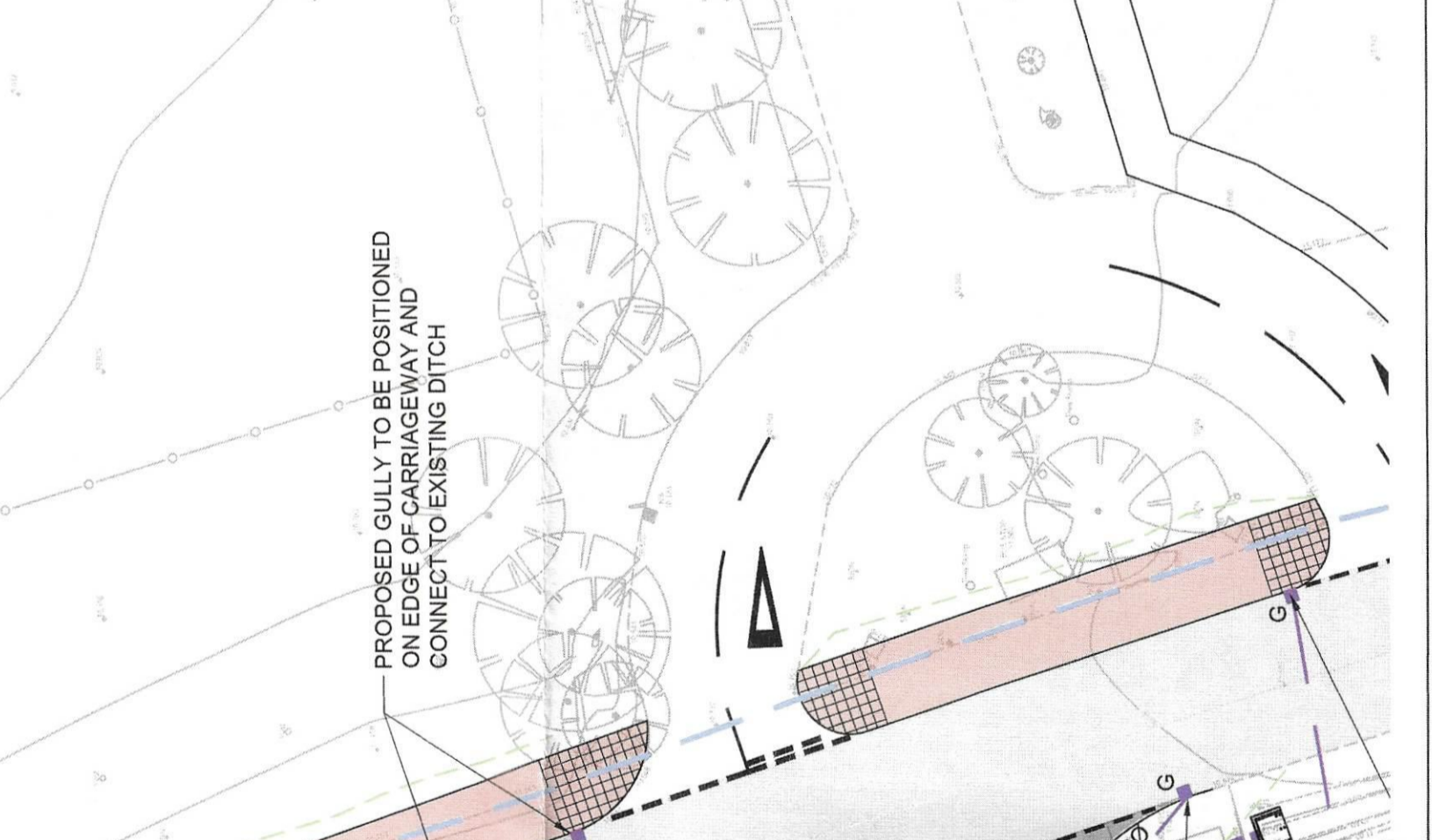
- CLIMATE CHANGE FACTOR HAS BEEN ADDED TO THE 100-YEAR STORM EVENT.
- THE AREA OF ROADWAY DRAINING TO THE DITCH HAS ALSO BEEN INCLUDED IN THE GREENFIELD CALCULATION, THIS BEING "DOUBLE COUNTED".
- TIME OF ENTRY FOR THE HIGHWAY RUNOFF HAS BEEN KEPT AS A STANDARD 5 MINUTES. THIS IS LIKELY TO BE CONSIDERABLY LONGER IN REALITY REDUCING THE FLOW RATE IN THE DITCH/CULVERT.

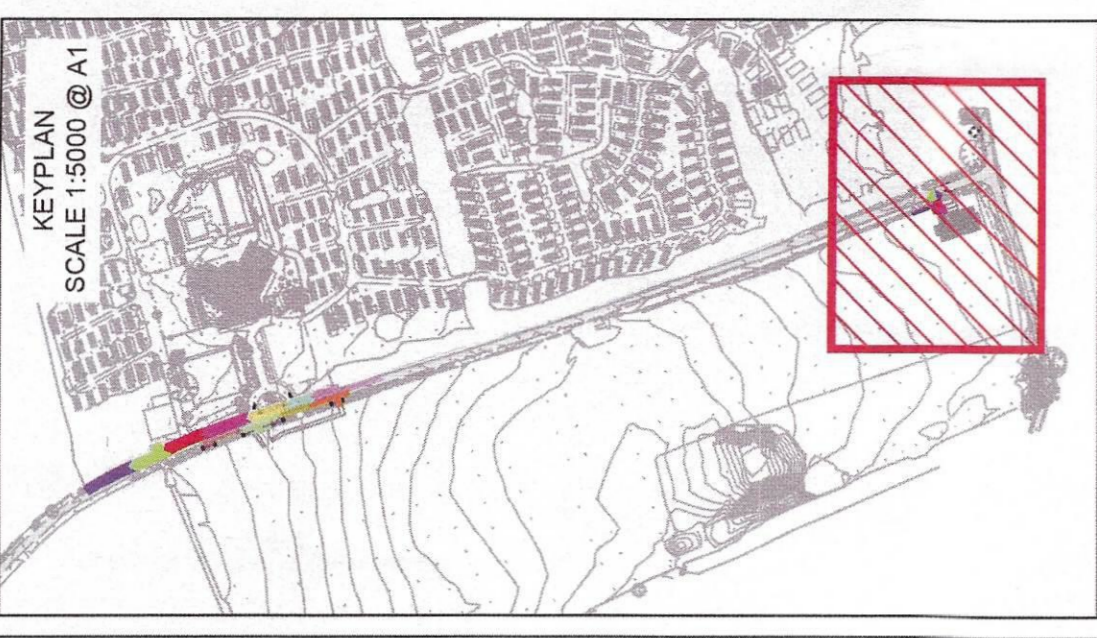


PROPOSED CULVERTS HAVE BEEN SIZED TO ACCOMMODATE FLOWS IN THE EXISTING DITCH WITHOUT IMPEDANCE. EXISTING FLOWS HAVE BEEN CALCULATED BY UTILISING FEH CATCHMENT DATA AND RUNOFF MODELING SOFTWARE. CAUSEWAY FLOW, DETAILS OF THE CALCULATION PROCESS ARE AS FOLLOWS:

- FROM THE UK CENTRE FOR ECOLOGY & HYDROLOGY, THE FEH CATCHMENT AREA DRAINING TO THE EXISTING DITCH IS 0.68KM² (68HA).
- UTILISING THE GREENFIELD RUNOFF RATE ESTIMATION TOOL FROM UK SUDS PROVIDES A GREENFIELD RUNOFF RATE OF 31.8 l/s IN THE 1 IN 100-YEAR STORM EVENT. SINCE THE SITE IS LOCATED IN THE BROADLAND RIVERS MANAGEMENT CATCHMENT, ADDING A CLIMATE CHANGE FACTOR OF 45% PROVIDES A GREENFIELD RUNOFF RATE OF 46.1 l/s.
- RUNOFF FROM BOTH STIRRUPS LANE AND COAST ROAD IS CONVEYED TO THE EXISTING DITCH. A TOTAL LENGTH OF 1.310 METRES OF ROADWAY, AT SIX METRES WIDE, CREATES A TOTAL AREA OF 0.786 HA OF TARMAC DRAINING TO THE DITCH. THE PEAK RUNOFF RATE FROM THE ROADWAYS, DURING THE 100-YEAR STORM PLUS 45% CLIMATE CHANGE IS 505.1 l/s.
- COMBINING THE GREENFIELD RUNOFF RATE AND THE RUNOFF RATE FROM THE ROAD CREATES A TOTAL RUNOFF RATE OF 551.2 l/s. THE PROPOSED CULVERTS HAVE BEEN DESIGNED TO BE ABLE TO CONVEY THIS FLOW.
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- NOTES**
- DO NOT SCALE FROM DRAWING UNLESS STATED OTHERWISE. PIPE DIAMETERS ARE IN mm.
 - THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 - BASED ON TOPOGRAPHICAL SURVEY DATA PROVIDED BY OTHERS AND CDA SHALL NOT BE LIABLE FOR ANY INACCURACIES OR DEFICIENCIES. EXISTING SEWERS AND SERVICES SHALL BE ESTABLISHED PRIOR TO COMMENCEMENT ON SITE.
 - CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL RIGHTS AND PERMISSIONS FROM ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS TO ENSURE THE WORK IS COMPLETED IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF BS EN 1401-1 (PVC-U), BS EN 1852-1 (PP), OR BS EN 12666-1 (PE) AS APPLICABLE.
 - ALL SEWERS TO BE CONSTRUCTED TO THE DESIGN AND CONSTRUCTION GUIDANCE (DCC OR 'THE CODE') AND TO BE PLANTED WITHIN SEWER EASEMENT. PROTECT ALL EXISTING VEGETATION IN PROXIMITY TO SEWERS. SEE SEAT.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND CONTRACTORS DRAWINGS. DO NOT SCALE FROM THIS DRAWING MANUALLY OR ELECTRONICALLY. WRITTEN PERMISSION MUST BE OBTAINED FROM CDA PRIOR TO SCALING.
 - CONTRACTOR SHALL LIAISE WITH ALL RELEVANT AUTHORITIES AND SERVICE PROVIDERS TO ENSURE THE WORK IS COMPLETED IN ACCORDANCE WITH THE RELEVANT PROVISIONS OF BS EN 1401-1 (PVC-U), BS EN 1852-1 (PP), OR BS EN 12666-1 (PE) AS APPLICABLE.
 - ALL DIMENSIONS ARE TO BE CHECKED BY THE CONTRACTOR PRIOR TO STARTING THE WORKS ON SITE. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - FOR CIVIL & STRUCTURAL HEALTH & SAFETY HAZARDS OF THE WORKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY RISKS ASSESSMENTS. IF YOU HAVE ANY QUESTIONS REGARDING THE DETAILS SHOWN ON THIS DRAWING CONTACT THE ENGINEER FOR CLARIFICATION.
 - THIS DRAWING IS FOR INFORMATION ONLY AND ALL NECESSARY LICENSES FROM THE HIGHWAY AUTHORITY BEFORE CARRYING OUT ANY WORKS WITHIN THE EXISTING PUBLIC HIGHWAY.

NOTE:
ALL HEADWALLS TO HAVE HANDRAILS INSTALLED

NO	DESCRIPTION	DATE	BY	CHKD BY	DATE
001	UPDATED TO BCC COMMENTS	17.05.2024	PD	DB	
002	SOUTHERN DRAINAGE SWALE BOUNDARY TO BE SHOWN TO THE SOUTH OF THE ROAD	20.04.2024	PD	DB	
003	REVISION TO THE LAYOUTS FOLLOWING DISCUSSION WITH ALL TOWN	17.04.2024	PD	DB	
004	UPDATED TO BCC COMMENTS	27.03.2024	PD	DB	
005	UPDATED TO BCC COMMENTS	27.03.2024	PD	DB	
006	UPDATED TO BCC COMMENTS	28.03.2024	PD	DB	
007	COMMENTS ADDRESSED	16.02.2024	TP	DB	
008	FIRST ISSUE	24.07.2023	JD	MM	
009		12.02.2023	JD	MM	
010		12.02.2023	JD	MM	
011		12.02.2023	JD	MM	
012		12.02.2023	JD	MM	
013		12.02.2023	JD	MM	
014		12.02.2023	JD	MM	
015		12.02.2023	JD	MM	
016		12.02.2023	JD	MM	
017		12.02.2023	JD	MM	
018		12.02.2023	JD	MM	
019		12.02.2023	JD	MM	
020		12.02.2023	JD	MM	

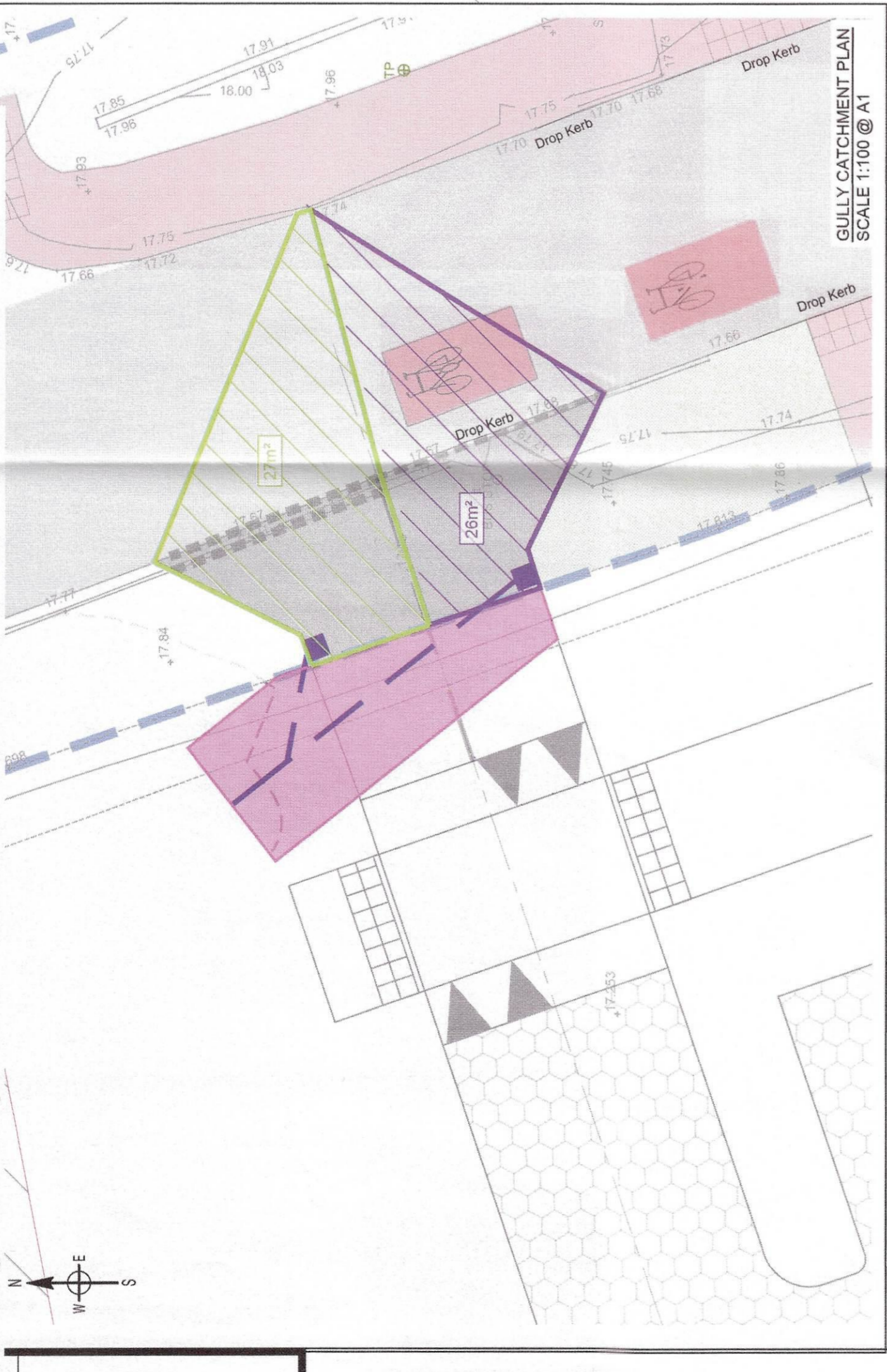
SCALE 1:100
PRELIMINARY

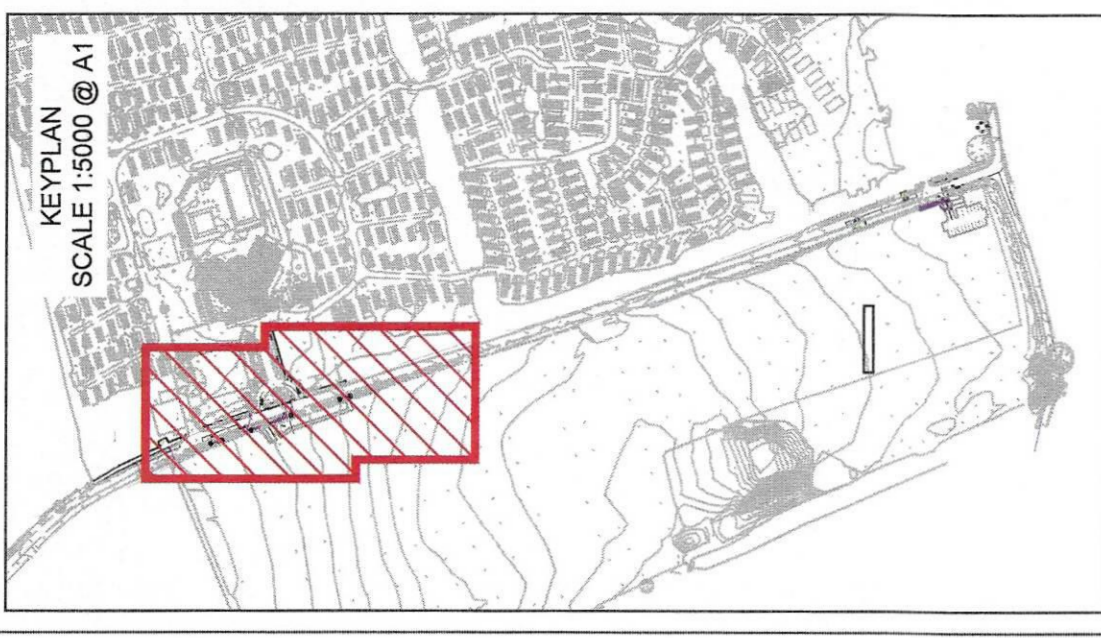
BROADLAND SANDS
S261
DRAINAGE LAYOUT
SHEET 3
BROADLAND SANDS
HOLIDAY PARK



KEY

- EXISTING HIGHWAY BOUNDARY
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED HIGHWAY GULLY
- GULLY CATCHMENT 1
- GULLY CATCHMENT 2
- 3m WIDE EASEMENT





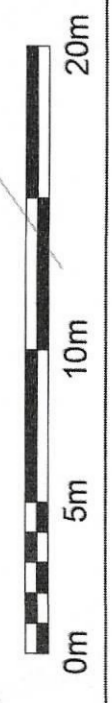
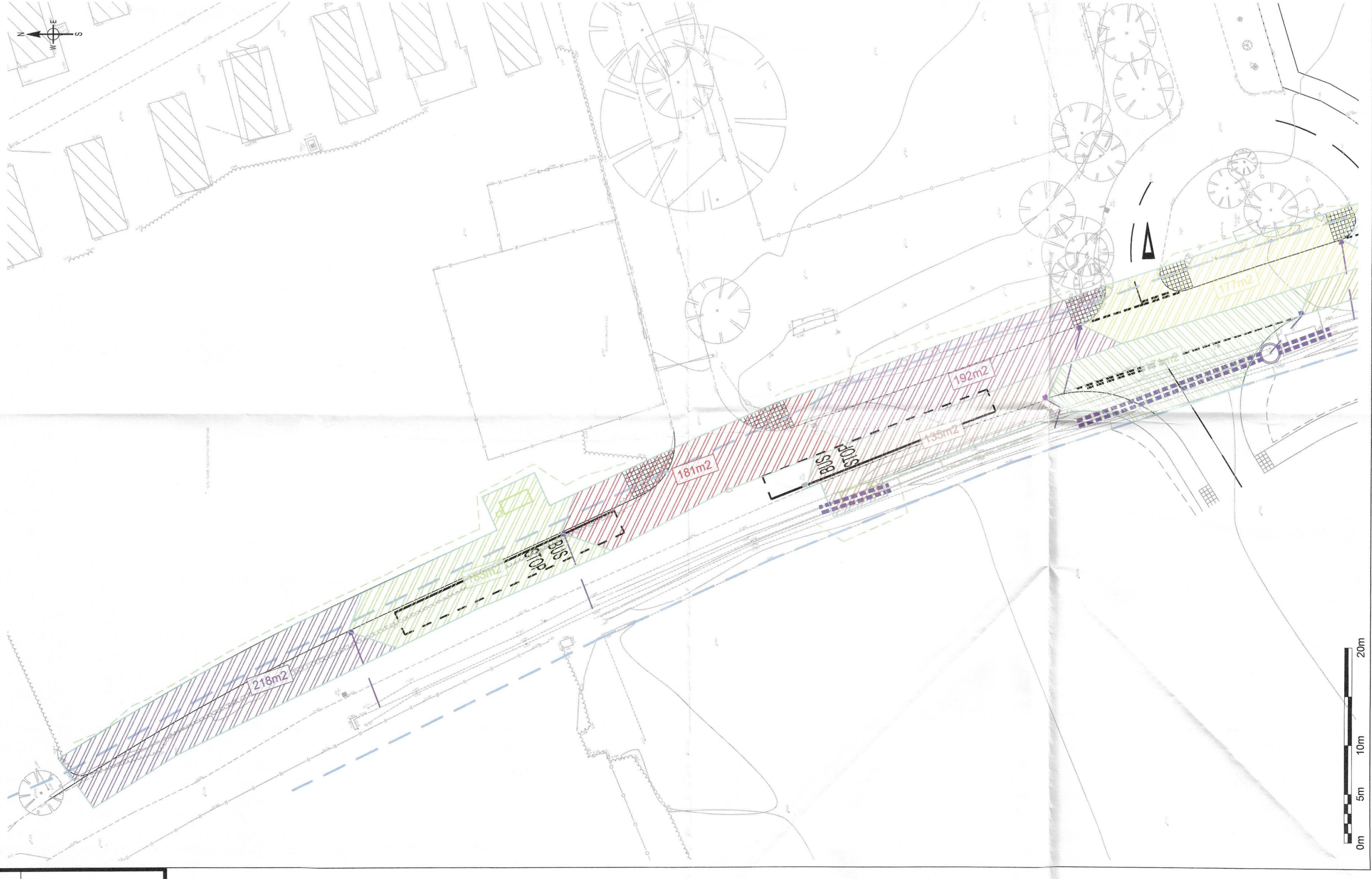
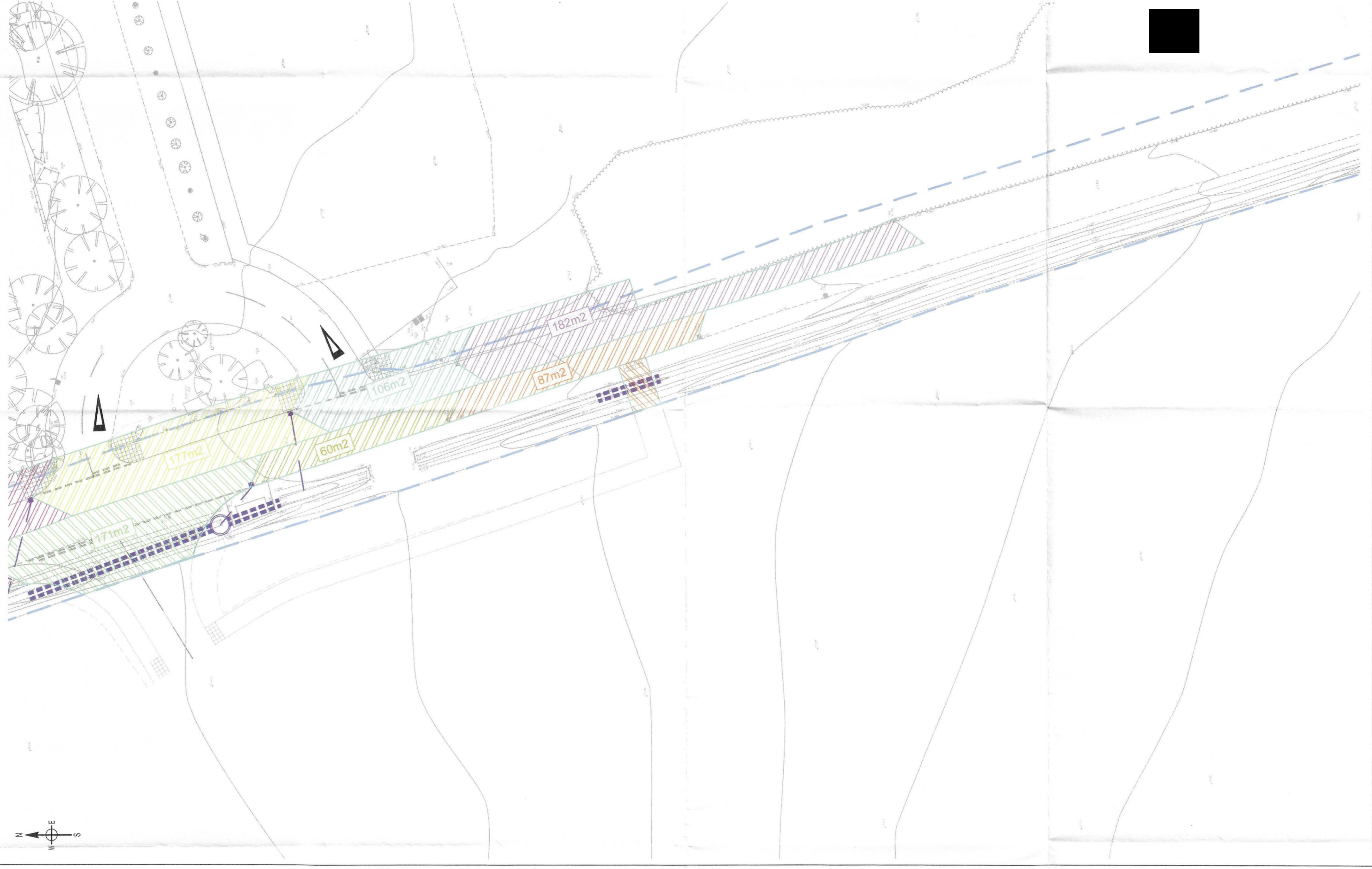
- NOTES:**
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 - THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 - ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.

KEY

- EXISTING HIGHWAY
- BOUNDARY
- PROPOSED SURFACE
- WATER SEWER
- PROPOSED SURFACE WATER MANHOLE
- PROPOSED HIGHWAY GULLY
- GULLY CATCHMENT 1
- GULLY CATCHMENT 2
- GULLY CATCHMENT 3
- GULLY CATCHMENT 4
- GULLY CATCHMENT 5
- GULLY CATCHMENT 6
- GULLY CATCHMENT 7
- GULLY CATCHMENT 8
- GULLY CATCHMENT 9
- GULLY CATCHMENT 10
- GULLY CATCHMENT 11



PROJ	ISSUE	DATE	BY	DATE
REV	DESCRIPTION	DATE	BY	DATE
ISSUE STATUS	PRELIMINARY			
SCALE	1:250			
BROADLAND SANDS				
S278				
GULLY CATCHMENTS PLAN				
BROADLAND SANDS HOLIDAY PARK				
DRAWING NUMBER: SF5050-2PD-265				
				REV: P01

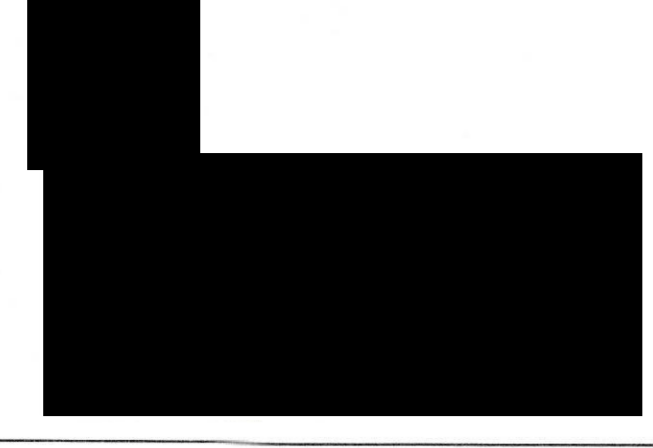


DRAWING NUMBER

1:250

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- STANDARD DETAIL NOTES:**
- FOR KERB DETAILS REFER TO SCC ESTATE ROAD SPECIFICATION DETAILS.
 - FOR FACILITY PAVING DETAIL REFER TO SCC ESTATE ROAD SPECIFICATION DETAIL 10/106B.

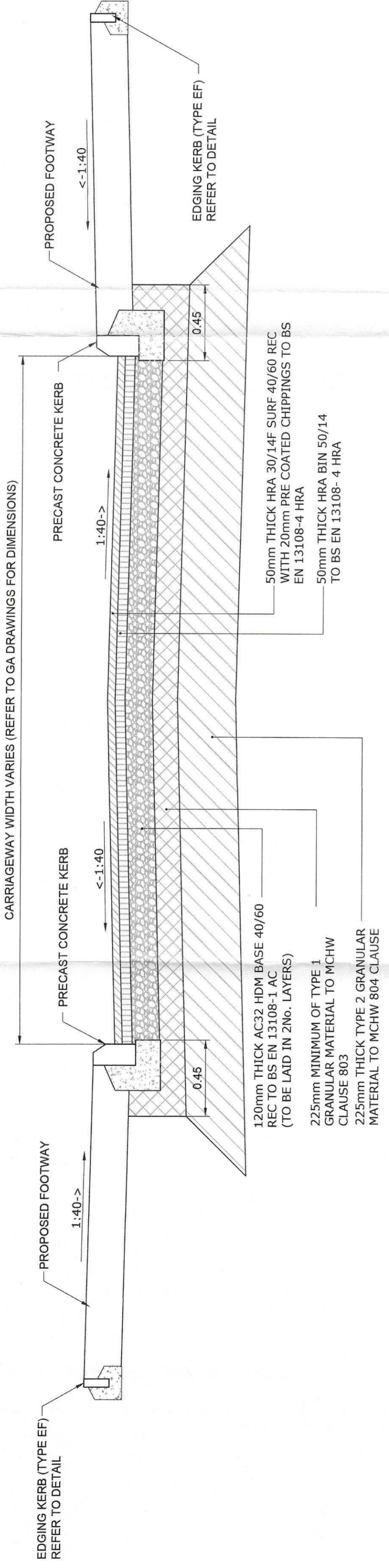


CBR TABLE

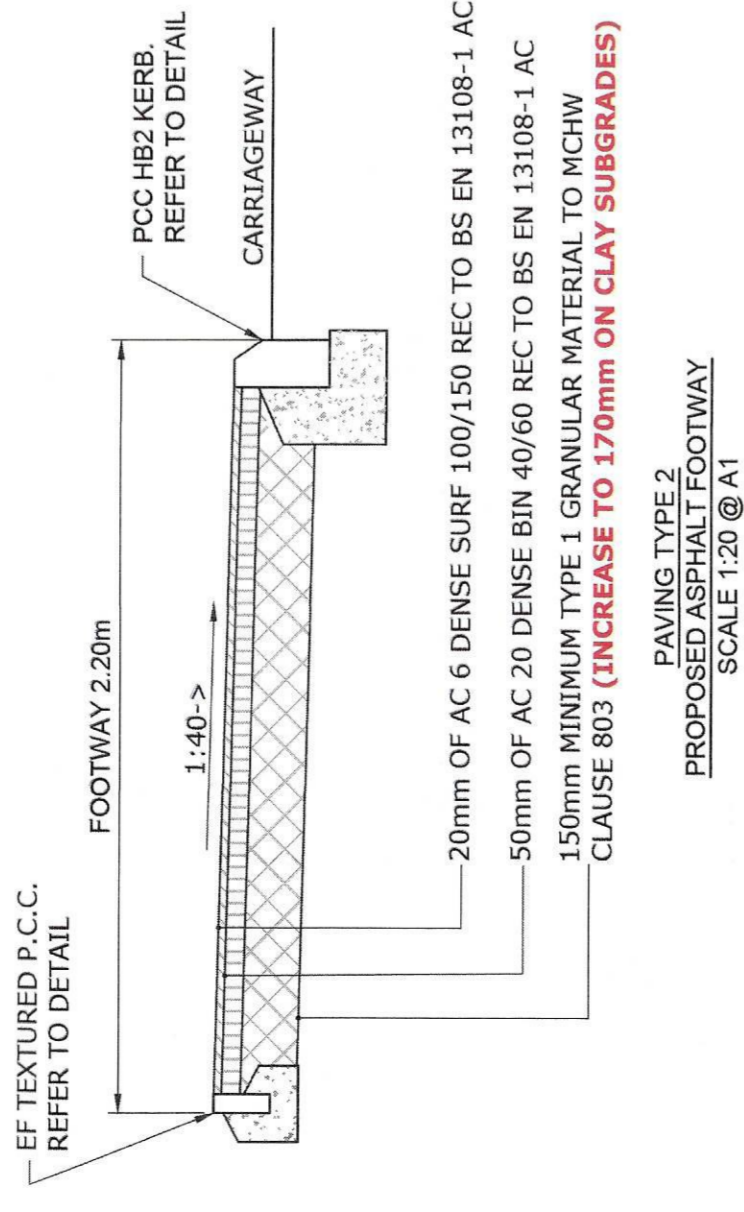
SUFFOLK COUNTY COUNCIL HIGHWAYS

ROAD CATEGORY	<2%	2%	3%	4%	>5%
SHARED SURFACE ROAD	UPPER SUBBASE REQUIRED 225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1
MINOR ACCESS ROAD	UPPER SUBBASE REQUIRED 145mm TYPE 2	145mm TYPE 2	145mm TYPE 2	145mm TYPE 2	145mm TYPE 2
MAJOR ACCESS ROAD	UPPER SUBBASE REQUIRED 225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1
LOCAL DISTRIBUTOR ROAD	UPPER SUBBASE REQUIRED 225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1	225mm TYPE 1

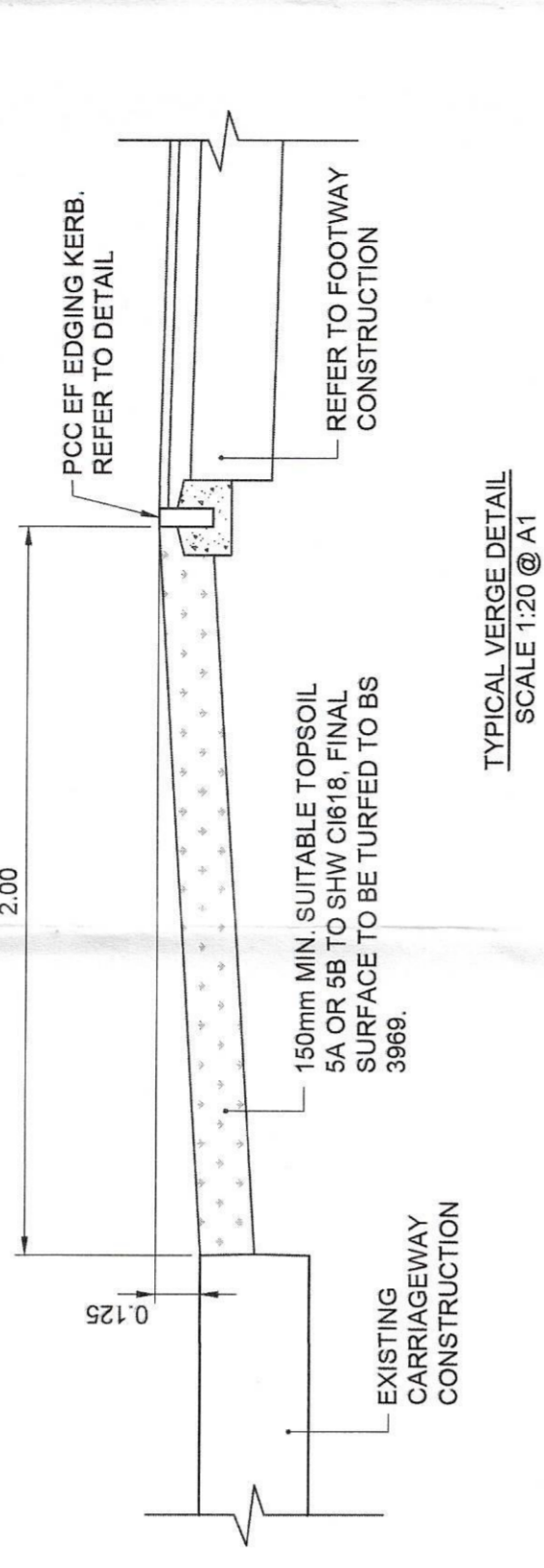
MATERIAL WITHIN 450mm OF THE FINISHED ROAD SURFACE MUST NOT BE FROST SUSCEPTIBLE



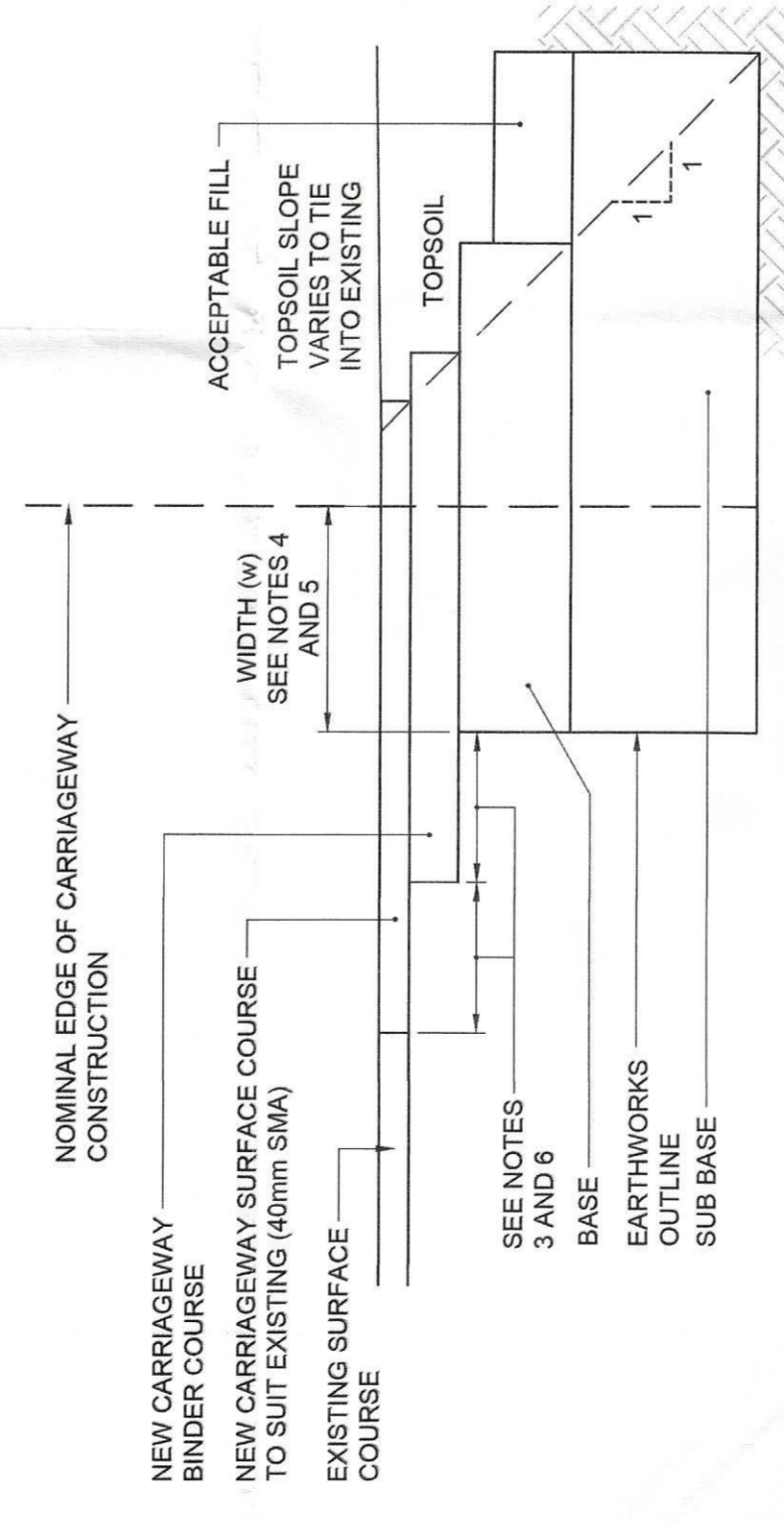
PAVING TYPE 1 AND 6
PROPOSED HOT ROLLED ASPHALT CARRIAGEWAY
SCALE 1:20 @ A1



PAVING TYPE 2
PROPOSED ASPHALT FOOTWAY
SCALE 1:20 @ A1

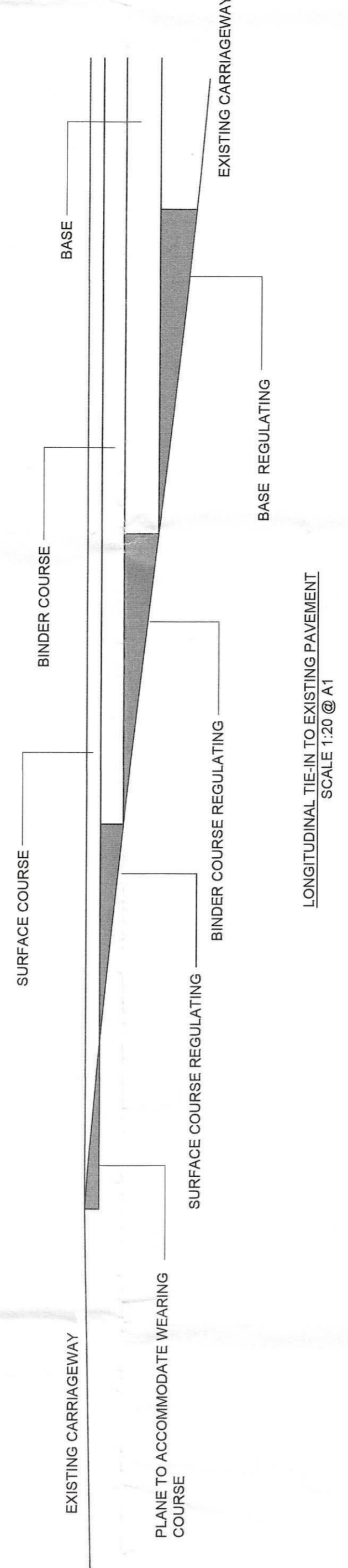


TYPICAL VERGE DETAIL
SCALE 1:20 @ A1



EXISTING CARRIAGEWAY WIDENING DETAIL
STEPPED EDGE UNKERBED
SCALE 1:10 @ A1

- STEPPED EDGE UNKERBED DETAIL NOTES**
- COMPLETION OF FORMATION TO BE IN ACCORDANCE WITH SHW CLAUSE 616
 - ALL PAVEMENT MATERIALS TO COMPLY WITH SHW CLAUSE 701
 - CUT BLOCK MUST BE UNDERTAKEN AFTER LAYING AND COMPACTION OF THE SUB-BASE AND BASE MATERIAL. WHERE THERE IS NO OVERLAY CUTBACK JOINT TO BE SAW CUT TO ACCOMMODATE BOTH SURFACE COURSE AND BINDER COURSE, WITH SKID RESISTANT RUBBERISED BITUMEN APPLIED TO EXISTING SURFACE 40mm WIDE ABOVE JOINT. CUT BACK IN ACCORDANCE WITH SHW CLAUSE 706. OVERBAND NOT MORE THAN 3mm THICK
 - IF WIDTH IS LESS THAN 800mm THEN BASE IS TO BE CONCRETE AS USED FOR KERB BED.
 - MINIMUM WIDTH TO BE 300mm UNLESS OTHERWISE AGREED WITH THE OVERSEEING ORGANISATION.
 - CONSIDERATION SHALL BE GIVEN TO AVOIDING LONGITUDINAL JOINTS FALLING WITHIN PROPOSED VEHICLE WHEEL TRACKS



LONGITUDINAL TIE-IN TO EXISTING PAVEMENT
SCALE 1:20 @ A1

NOTE
REFER TO SCC DN 10/101B ESTATE ROAD SPECIFICATION FOR SUFFOLK COUNTY COUNCIL KERB DETAILS AND JUNCTION TIE IN SPECIFICATION

REV	DESCRIPTION	DATE
001	ISSUED FOR PERMIT	20.09.2022
002	FOR COMMENTS	20.09.2022
003	FOR COMMENTS	20.09.2022
004	FOR COMMENTS	20.09.2022
005	FOR COMMENTS	20.09.2022
006	FOR COMMENTS	20.09.2022
007	FOR COMMENTS	20.09.2022
008	FOR COMMENTS	20.09.2022
009	FOR COMMENTS	20.09.2022
010	FOR COMMENTS	20.09.2022

SCALE @ A1 SIZE	SCALE @ A2 SIZE
AS SHOWN	PRELIMINARY

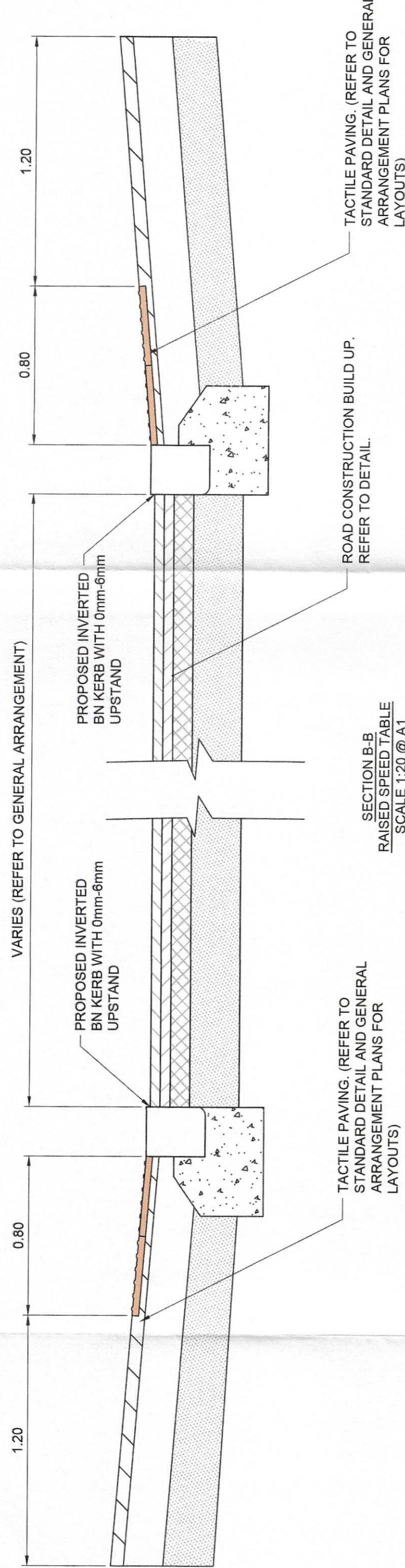
BROADLAND SANDS

S278
STANDARD DETAILS
SHEET 1

BROADLAND SANDS
HOLIDAY PARK

dip **sdd**
SPECIALIST DESIGN AND DRAWING SERVICES
SF-5050-2PD-280
REV: P06

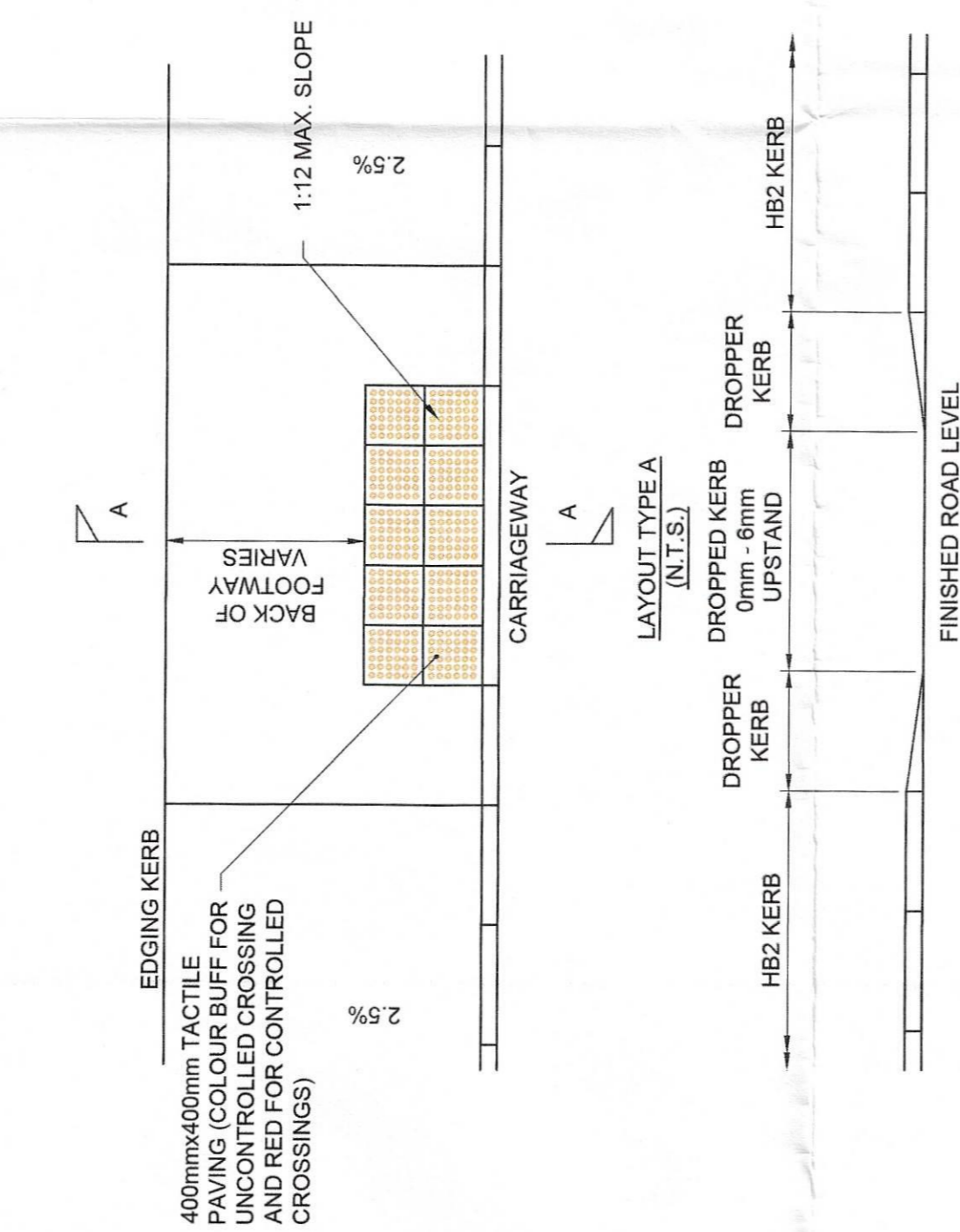
NOTES:
 1. DO NOT SCALE FROM THIS DRAWING.
 2. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY AND NOT FOR CONSTRUCTION.
 3. THIS DRAWING IS TO BE READ AND PRINTED IN COLOUR.
 4. ALL DIMENSIONS ARE SHOWN IN METRES, UNLESS SPECIFIED OTHERWISE.
 5. JUNCTION DETAILS TO BE READ IN CONJUNCTION WITH SCC ESTATE ROAD SPECIFICATION.



SECTION B-B
 RAISED SPEED TABLE
 SCALE 1:20 @ A1

TACTILE PAVING (REFER TO STANDARD DETAIL AND GENERAL ARRANGEMENT PLANS FOR LAYOUTS)

TACTILE PAVING (REFER TO STANDARD DETAIL AND GENERAL ARRANGEMENT PLANS FOR LAYOUTS)

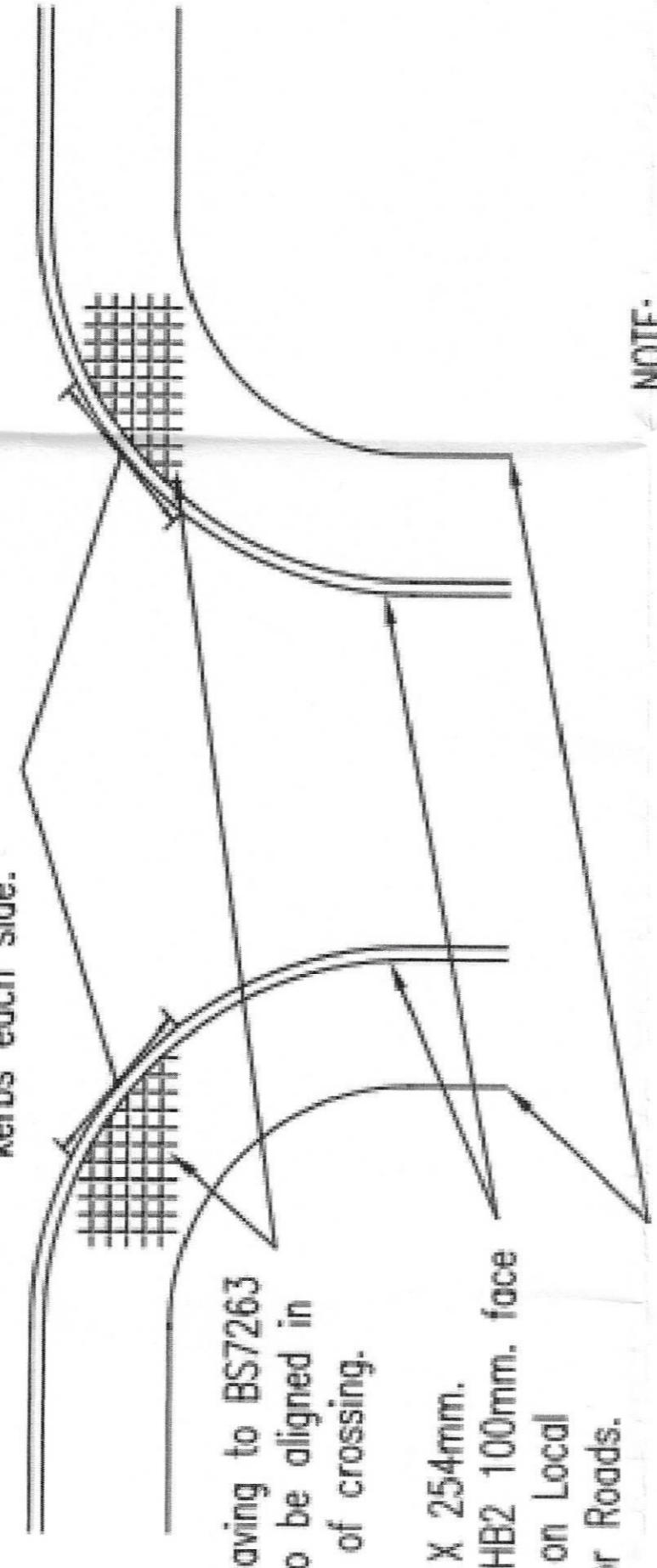


400mmx400mm TACTILE PAVERS (COLOUR BUFF FOR UNASSISTED CROSSINGS AND RED FOR CONTROLLED CROSSINGS)

LAYOUT TYPE A
 (N.T.S.)

TYPICAL ARRANGEMENT OF DROPPED KERBS AT PEDESTRIAN CROSSING
 (N.T.S.)

2 No. 127mm. X 150mm. bullnose kerbs to BS7263 laid as section with dropper kerbs each side.



Tactile paving to BS7263 Domes to be aligned in direction of crossing.

127mm. X 254mm. BS7263 HB2 100mm. face 125mm. on Local Distributor Roads.

50mm. X 150mm. Edging BS7263 HB2

NOTE:
 TACTILE PAVING LAYOUT SHOWN IS INDICATIVE & MAY DIFFER WHERE VISIBILITY SPLAYS, TYPES OF CROSSING POINT OR JUNCTION LAYOUTS VARY. REFER TO LATEST GUIDANCE NOTES TO DESIGN ACCORDINGLY.
 FALL ON CROSSING AREA TO NOT EXCEED 1 IN 12 ACROSS FOOTWAY.

NOTE
 REFER TO SCC DN 10/101B ESTATE ROAD SPECIFICATION FOR SUFFOLK COUNTY COUNCIL TACTILE PAVING DETAILS.

REFER TO SUFFOLK COUNTY COUNCIL ESTATE ROAD SPECIFICATION FOR DRAINAGE DETAILS INCLUDING
 - GULLIES - 7/105B
 - PIPE BEDDING - 7/101B
 - FILTER TRENCH - 7/102B
 - CATCHPITS 7/103B

REV	DESCRIPTION	TP	PD	DB	DATE
P06	UPDATED TO BCC COMMENTS			DB	19.04.2024
P05	UPDATED TO BCC COMMENTS			DB	17.04.2024
P04	UPDATED TO BCC COMMENTS			DB	28.03.2023
P03	UPDATED TO BCC COMMENTS			DB	16.02.2023
P02	COMMENTS ADDRESSED			DB	24.07.2022
P01	FIRST ISSUE			DB	20.09.2022

SCALE	AT	SIZE	ISSUE STATUS
	TP	PD	DB
	AS SHOWN		PRELIMINARY

BROADLAND SANDS
 S278
 STANDARD DETAILS
 SHEET 2
 BROADLAND SANDS
 HOLIDAY PARK

dip **sdd**
 DRAWING NUMBER: SF5050-2PD-281
 REV: P06