

DATED 21 JUNE

2022

HAMPSHIRE COUNTY COUNCIL

- and -

HAVANT PROPERTY INVESTMENT LLP

Deed of Agreement for Highway Works at
s278 Agreement - New Lane, Havant
pursuant to (inter alia) S.278 Highways Act 1980

HAMPSHIRE COUNTY COUNCIL
SECTION 278 DEED OF AGREEMENT

Date: 21 JUNE 2022

PARTIES:

1. **HAMPSHIRE COUNTY COUNCIL** of The Castle Winchester
Hampshire SO23 8UJ ("**the County Council**")
2. **HAVANT PROPERTY INVESTMENT LLP** (Company registration
number OC431846) whose registered office is situated at 38 Seymour
Street, London, England, W1H 7BP ("**the Developer**")

WHEREAS

- A. The County Council is the Highway Authority for Hampshire
- B. The Developer is the registered proprietor with title absolute of the
Land registered at Land Registry under Title Number HP7816 for the
benefit of which Land the Works hereinafter referred to are carried out
- C. The Developer is desirous of entering into this Agreement for the
purposes of securing the carrying out of the Works as defined herein
and the Developer has agreed that it will pay the cost of construction
and maintenance of the Works
- D. The County Council is satisfied pursuant to Section 278 of the
Highways Act 1980 that it will be of benefit to the public for the County
Council to enter this Agreement for the execution of the Works at the
expense of the Developer which Works the County Council is
authorised to execute pursuant to the Highways Act 1980 or are the
subject of the Planning Permission

NOW THIS DEED OF AGREEMENT WITNESSETH as follows:

Definitions

1. In this Agreement the following expressions shall have the following
meanings:

"Bond"	Means such sum of £102,854.53 (one hundred and two thousand and eight hundred and fifty four pounds and fifty three pence) pursuant to clause 7 hereof
"CDM Regulations"	Means the Construction (Design and Management) Regulations 2015
"Certificate of Completion"	Means a certificate issued by the County Council confirming the Works have been executed to its satisfaction and in accordance with the approved drawings, specification and any recorded and agreed changes during the Works and can be placed on maintenance
"Certificate of Maintenance"	Means a certificate issued by the County Council following the expiry of the Maintenance Period
"Competent Engineer"	Means a qualified engineer, who has the technical knowledge and practical experience to satisfy the requirements to be employed under a Construction Contract in accordance with Schedule 2, paragraph 6.2 and who is independent from the Contractor
"Chartered Engineer"	Means a person registered as an engineer with the Engineering Council as having the technical knowledge and practical experience to satisfy its preferred requirements
"Contractor"	Means a contractor who complies with the Section 278 Guidance for Developers document June 2021 ("Appointing a Contractor") prepared by the Director of Economy Transport and Environment (as modified and extended by any supplements

	and revisions) appointed by the Developer to undertake the Works
"Construction Contract"	Means the contract between the Developer and the Contractor for the purposes of providing the Works which provides for the appointment of a Competent Engineer
"Director of Economy Transport and Environment"	Means the County Council's Director of Economy Transport and Environment or such other officer or officers as may from time to time be primarily responsible for the County Council's functions duties and responsibilities as a Highway Authority pursuant to the Act
"Guidance Notes"	Means the "Highway Development Agreements Guidance" and "Section 278 Guidance for Developers" prepared by the Director of Economy Transport and Environment to inform the Developer of the processes practices and procedures required by the County Council when undertaking design and works on a highway under s278 Highways Act 1980
"Hampshire County Permit Scheme"	Means the Traffic Management (Hampshire County Council) Permit Scheme Order 2019 dated 31st January 2019 made pursuant to the Traffic Management Act 2004
"Hampshire Street Lighting PFI Contract"	Means the contract relating to the provision and maintenance of street lighting and illuminated traffic signage pursuant to the Government's Private Finance Initiative

"Head of Law and Governance and Monitoring Officer"	Means the County Council's Head of Law and Governance and Monitoring Officer or such other officer or officers as may from time to time be primarily responsible for the provision of legal advice to the County Council
"Highway Condition Survey"	Means a highway condition survey which will identify the current condition of the highway in the vicinity of the Land (the extent of which shall be agreed by the County Council) and such condition survey is in accordance with "Section 278 Guidance for Developers" document published by the County Council
"Inspection Deposit"	a sum equal to 5% per cent of the cost of the Works as estimated by the County Council or £2,000 (whichever is the greater) being a sum on account of the County Council's reasonable costs incurred in inspecting and administering the Works
"Land"	Means the land for the purposes of identification only shown edged red on plan  VD21513-DR-0101 Rev 2 ¹ attached hereto having the benefit of the Planning Permission
"Maintenance Period"	Means a period of at least 12 months following the date of the Certificate of Completion
"Management Plan"	Means a Works management plan produced by the Developer showing how in the course of planning and construction of the Works the Developer will: (i) minimise disruption to all types of traffic;



UNCONTROLLED CROSSING 1

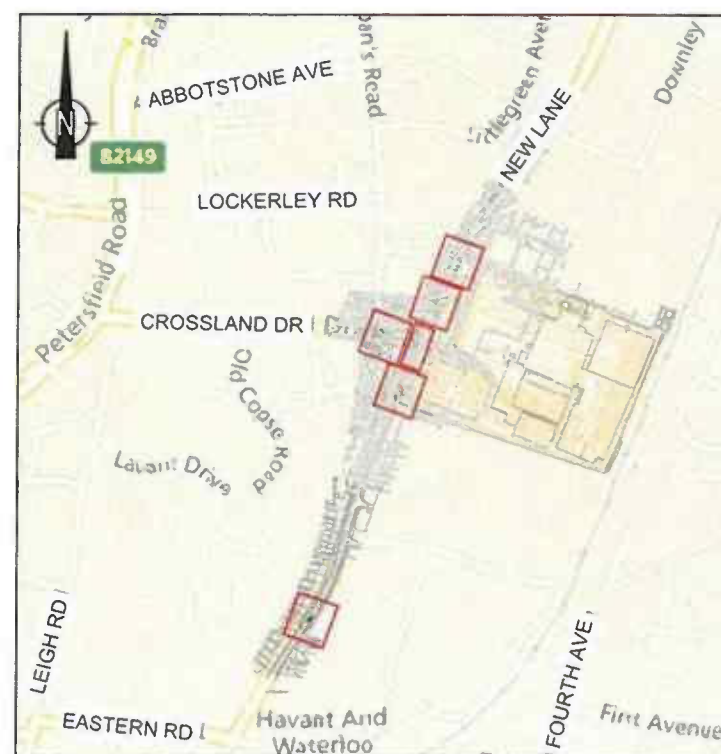
UNCONTROLLED CROSSING 2

UNCONTROLLED CROSSING 3

SITE ACCESS 1

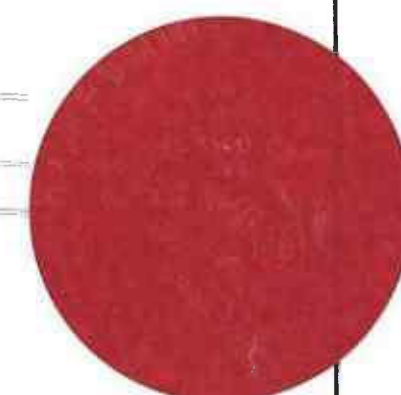
SITE ACCESS 2

SITE ACCESS 3



SITE LOCATION
SCALE 1:10,000

PROPOSED DEVELOPMENT



37/9670

REV.	DETAILS	DRAWN	CHECKED	DATE	Notes:	PROJECT:	CLIENT:
A	AREAS REVISED	KGS	PW	16.8.21		New Lane, Havant	Quartz Project Services
B	AMENDMENTS FOLLOWING COMMENTS FROM RSA	TW	PW	7.9.21			
C	WIDE RANGING AMENDMENTS TO ADDRESS HCC DESIGN AUDIT REPORT	RT	PW	09.12.21			
D	ROAD NAMES ADDED TO SITE LOCATION	TW	PW	02.03.22			
						DRAWING TITLE:	
						S278 Location Plan	
		DRAWN:	CHECKED:	DATE:	SCALES:	DRAWING NUMBER:	REVISION:
		PW	KGS	2.8.21	1:2000 @ A3	VD21513-DR-0101	D

- (ii) avoid instances of newly surfaced highway having to be re-excavated or have further works carried out on them;
- (iii) minimise the number of closures/diversions required by the Works;
- (iv) ensure that it takes into consideration the safety of all types of traffic that may be diverted or affected by the Works.
- (v) comply with the Hampshire County Permit Scheme pursuant to the Traffic Management Act 2004
- (vi) prevent deposits on the highway of earth mud and subsoil from the Land

"Mud Method Statements" Means method statements submitted by the Developer for approval by the County Council of the detailed measures to be taken during the construction works consequent to the Planning Permission to prevent earth and subsoil on vehicles leaving the Land and adjacent development land being deposited on the public highway.

"Planning Permission" means the planning permission reference APP/21/01244 granted on 9 February 2022 by Havant Borough Council and/or planning permission reference APP/21/00200 granted on 22 October 2021 by Havant Borough

Council for the development of the
Land requiring the Works

“Programme”

Means the programme for execution of the Works agreed in writing by the County Council pursuant to Schedule 2 paragraph 1.1 and shall include but not be limited to;

- start dates, access dates, key dates and completion dates.
- the order and timing of operations of the contractor employed to undertake the Works.
- traffic management operations and resources employed.
- allowances for others as required for undertaking Works.

“Specification”

Means the ‘Manual of Contract Documents for Highway Works: Volume 1 Specification for Highway Works’ published by TSO as modified and extended by any supplements and revisions and further as modified and extended by Hampshire County Council’s Model Contract Specification (available at www.hants.gov.uk/transport/developers/standard-details), Hampshire County Council’s Highway Construction Standard Details

	(available at www.hants.gov.uk/transport/developers/standard-details), Hampshire County Council's Technical Guidance Notes (available at www.hants.gov.uk/transport/developers/technical-guidance) and Hampshire County Council's Companion Document to Manual for Streets where applicable (available at http://documents.hants.gov.uk/transport/manual_for_streets.pdf) all as in force at the date of commencement of the Works
"Structure(s)"	Means any structure or structures (as the context so requires) as defined in Design Manual for Roads and Bridges – Document CG 300 – Technical Approval of Highway Structures
"SuDs" Sustainable Drainage	Means a sequence of conveyance systems and control structures designed to manage the drainage of surface water more sustainably than conventional techniques by providing treatment and reducing flow rates and volumes
"TSO"	Means The Stationery Office Limited (company number: 03049649) and whose registered office is at 1-5 Poland Street, Soho, London, England, W1F 8PR being formerly Her Majesty's Stationery Office
"Working Day"	Means any day Monday to Friday inclusive excluding bank holidays between the hours of

0830 and 1630 and the expression 'Working Days' shall be construed accordingly

"Works"

Means the highway works described in Schedule 1 hereto

Statutory Powers

2. This Deed of Agreement is made pursuant to Section 278 of the Highways Act 1980 Section 111 of the Local Government Act 1972 and Section 33 of the Local Government (Miscellaneous Provisions) Act 1982 and all other enabling powers including the Localism Act 2011

General Matters

3. For the purposes of Section 251 of the Highways Act 1980 the County Council certifies that this Agreement is made in connection with its functions as Highway Authority under the Highways Act 1980
4. Where any agreement certificate or approval is to be given by the County Council under the terms of this Agreement then the same shall be in writing and not be unreasonably withheld or delayed
5. Any notice or other communication to be served by the Developer under the terms of this Agreement shall be in writing referencing the following reference **Legal/ 141607/CMS** and shall not be deemed to be given until received by the County Council at The Castle, Winchester, Hampshire SO23 8UJ and addressed to the Head of Law and Governance and Monitoring Officer or to such addressee as the County Council may from time to time stipulate

Developer's Covenants

6. The Developer hereby covenants with the County Council as follows:

Execution of Works

- 6.1. To carry out at its own expense and at no cost to the County Council the Works described in Schedule 1 as contractor for

the County Council in a good and workman like manner and with proper materials and in accordance in all respects with the terms and conditions described in Schedule 2

- 6.2. To notify the County Council in writing as to the date the Works are opened to the public no later than one month following such opening in addition to and without prejudice to the issuing of the Certificate of Completion

Street Lighting

- 6.3. To maintain access to all apparatus that is part of the Hampshire Street Lighting PFI Contract and where this is not possible the maintenance responsibility for that apparatus shall be removed from the Hampshire Street Lighting PFI Contract and shall pass to the Developer and FURTHER where the Developer removes or relocates any apparatus that is part of the Hampshire Street Lighting PFI Contract the maintenance responsibility for that apparatus shall be removed from the Hampshire Street Lighting PFI Contract and shall pass to the Developer

Indemnity

- 6.4. That it hereby indemnifies and shall keep indemnified the County Council in respect of all actions claims demands fees charges expenses and proceedings arising out of or in connection with or incidental to the carrying out of the Works and any works required by any statutory undertaker including (but not limited to) any costs expenses and penalties incurred by the County Council in the event the Developer exceeds the timescale specified in the Programme other than those arising under Parts I and II of the Land Compensation Act 1973 in respect of which the provisions of below shall apply

Public Liability

- 6.5. That it shall without prejudice to its liability under Clause 6.4 and 6.6 hereof to indemnify the County Council be insured against public liability risks for a sum of at least £10,000,000

in respect of any one claim and shall ensure that any person or persons carrying out the Works on its behalf is similarly insured against public liability risks and the Developer or any person authorised by it to carry out the Works shall (without prejudice to the requirements of Schedule 2 paragraph 1.8 of this Agreement) on request by the County Council produce for inspection evidence of the relevant policies of insurance

Land Compensation Claims

- 6.6. That it hereby indemnifies the County Council against all costs associated with its responsibilities and all claims under section 10 of the Compulsory Purchase Act 1965 and pursuant to Part I and Part II of the Land Compensation Act 1973 (as amended) and regulations made there under (including claims the County Council determine should be met under the provisions of Regulation 4 of the Noise Insulation Regulations 1975) arising out of the use of the Works. The indemnity provided by this Clause shall not apply in respect of any action cost claim demand charge or expense which is caused by the negligence of the County Council its workmen or employees.

Bond

7. The Developer shall not commence the Works until it has provided to the County Council a Bond by a surety acceptable to the Head of Law and Governance and Monitoring Officer to the effect that if the Developer fails at any time to carry out or observe any of the terms conditions and stipulations on its part contained in this Agreement or in the event of the Developer becoming bankrupt or going into liquidation or entering administrative receivership or entering into a deed of arrangement for the benefit of its creditors the surety shall pay to the County Council on demand such sum as may be certified by the County Council to be required in order to complete the Works or reinstate the highway or complete such alternative works as the

County Council considers appropriate and remedy any defects prior to the Works becoming maintainable at the public expense or occurring or discovered during the Maintenance Period and the cost of any other sums due under the terms of this Agreement and such further sum as the Head of Law and Governance and Monitoring Officer may certify to be necessary to fully reimburse the County Council in respect of any costs and expenses incurred by the County Council in the enforcement of the obligations on the part of the Developer under this Agreement together with the cost to the County Council of preparing an alternative contract and of supervising the execution of this alternative contract PROVIDED THAT upon issue of the Certificate of Completion the Bond may be reduced by 85% or to the sum of £5,000.00 whichever is the greater value as agreed by the County Council and PROVIDED FURTHER that upon issue by the County Council of the Certificate of Maintenance the Bond shall be released

Payments

8. The Developer further covenants with the County Council to pay to the County Council:

On the date of the Agreement

- 8.1. On the date hereof the whole of the reasonable costs incurred by the Head of Law and Governance and Monitoring Officer and the Director of Economy Transport and Environment in the preparation of this Deed.

Prior to commencement of the Works

- 8.2. On demand and in any event prior to commencement of the Works the reasonable cost to the County Council of approving the detailed contract drawings, specification and any relevant reports for the Works including the cost of approval of preliminary design check drawings and structural approvals (less any pre-check fees already paid to the County Council) on account of such costs

- 8.3. The Council acknowledges payment of the Inspection Deposit. The Developer shall further shall pay any reasonable additional sum incurred by the County Council's in inspecting and administering the Works within 30 days following receipt of an invoice from the County Council

Prior to issue of Certificate of Completion

- 8.4. Prior to the issue of the Certificate of Completion and in accordance with Schedule 3 any commuted sums due in respect of the future maintenance of the Works and in the event that Rate B as set out in Schedule 3 applies the Developer elects to pay a fixed rate of 4% interest adjustment for inflation as set out Schedule 3
- 8.5. On demand and in any event prior to the issue of the Certificate of Completion the outstanding costs of all design checks and inspections together with any accrual payment incurred or to be incurred at the time of adoption by the County Council in respect of the Works pursuant to the Hampshire Street Lighting PFI Contract
- 8.6. Prior to the issue of the Certificate of Completion any sums incurred by the County Council pursuant to the requirements of Schedule 2

Prior to the Reduction of the Bond

- 8.7. On demand and in any event prior to the reduction of the Bond the sum of £200 for costs incurred in approving and administering reducing the Bond

Prior to the Release of the Bond

- 8.8. On demand and in any event prior to the release of the Bond the sum of £200 for costs incurred in approving and administering releasing the Bond

Prior to issue of Certificate of Maintenance

- 8.9. On demand and in any event prior to the issue of the Certificate of Maintenance the outstanding costs of all design checks and inspections together with any accrual payment

incurred or to be incurred at the time of adoption by the County Council in respect of the Works pursuant to the Hampshire Street Lighting PFI Contract

- 8.10. Prior to the issue of the Certificate of Maintenance any outstanding sums due pursuant to this Agreement

Payment on Demand

- 8.11. Where any payment due to the County Council under this Agreement is outstanding the Developer covenants with the County Council that the Developer shall pay all outstanding payments to the County Council within ten working days of the County Council's written demand ("the demand") as well as the interest at a rate of 4% per annum above the base lending rate of the HSBC at the date of the demand on the sum outstanding from the due date under this Agreement until the actual date of payment to the County Council

County Council's Covenants

9. The County Council hereby covenants with the Developer as follows:
- 9.1. That it hereby authorises the Developer and the Contractor to carry out the Works within the public highway subject to and strictly in accordance with the terms conditions and stipulations in Schedule 2
- 9.2. That upon completion of the Works in accordance with the approved drawings, specification and any recorded and agreed changes during the Works to the satisfaction of the County Council the County Council will issue a Certificate of Completion and as from the date of the Certificate of Completion that part of the Works as are at the date of this Agreement within the public highway SAVE THAT for the Maintenance Period the Developer shall maintain the Works and after the expiry of the Maintenance Period and PROVIDED ALWAYS that the Works have been fully maintained as aforesaid and that any defects appearing or safety issues identified during the Maintenance Period have

been made good and all sums due under this Agreement have been paid the County Council shall thereupon issue a Certificate of Maintenance PROVIDED FURTHER THAT the County Council shall be at liberty to delay the issue of the Certificate of Maintenance if in its opinion the Works are likely to subjected to heavy loading or used by construction vehicles driven by or on behalf of the Developer or his or its servants and agents or contractors or other developers in connection with road or building works carried out on the Land or on adjoining land in any which cases the Maintenance Period shall be extended accordingly

Further Agreement Between Parties

10. It is further agreed between the parties that:
 - 10.1. In accordance with Regulation 4(8) of the CDM Regulations the Developer hereby elects to be the only client for the purposes of the CDM Regulations for any part of the Works as may be within the public highway and the County Council consents to such an election and for the avoidance of doubt the County Council shall have a duty only under Regulations 4(4), 8(4) and 8(6) of the CDM Regulations insofar as those duties relate to health and safety information in the County Council's possession as a Highway Authority
 - 10.2. If the estimated value of the contract for the Works equals or exceeds the threshold identified in Regulation 5(1) of the Public Contracts Regulations 2015 (as amended from time to time) then the Developer as contractor for the County Council shall in appointing an economic operator to carry out the Works comply with the Public Contracts Regulations 2015 (as amended from time to time).

Non-Compliance

11. Without prejudice to the terms hereof:
 - 11.1. If the Developer fails to execute or complete the Works in accordance with its obligations hereunder the County Council shall after not less than fourteen (14) days notice in writing to

the Developer (or immediately in any case of emergency or danger) be entitled to complete the Works or reinstate the highway or complete such alternative works as the County Council considers appropriate in default with its own employees or by contract or otherwise (entering the Land if necessary to do so) and to recover the full costs as certified by the County Council from the Developer

- 11.2. After the expiry of the notice period in clause 11.1 above or immediately in the case of emergency or danger the authority given to the Developer under clause 9.1 shall be revoked immediately upon the County Council exercising its powers at 11.1 above
- 11.3 If the Developer fails to comply with the approved Mud Method Statements the County Council reserves the right to close any access to the Land until such time as the public highway is made safe provided that this shall only apply until issue of the Certificate of Maintenance.

Arbitration

- 12. Save for matters of interpretation of this Agreement (which shall be matters for the Court) in the event of any dispute arising between the parties hereto in respect of any matter contained in this Agreement including questions of value and any question of reasonableness the same shall be referred to an expert ("Expert") to be agreed upon between the parties hereto or at the request and option of either of them to be nominated at their joint expense by or on behalf of the President for the time being of the Institution of Civil Engineers and the Expert's decision shall be final and binding on the parties hereto and whose costs (including the re-imbursement of the costs of any other experts' fees) shall be at his discretion
 - 12.1 The Expert shall have at least ten years post qualification experience in the subject matter of the dispute and shall:
 - 12.1.1 be appointed subject to an express requirement that he reaches a decision and communicates it to the parties within the minimum practicable timescale

allowing for the nature and complexity of the dispute and in any event not more than 30 Working Days from the date of his appointment to act

- 12.1.2 be required to give notice to each of the third parties inviting each of them to submit to him within such period as he shall reasonably determine within 10 Working Days of his appointment written submissions and supporting material and shall afford to each of the said parties an opportunity to make counter submissions within a further 5 Working Days in respect of any such submission and material and the Expert shall disregard any representations made out of time and the Expert's decision shall be given in writing within 15 Working Days from receipt of any counter submissions or in the event that there are no counter submissions within 15 Working Days of receipt of the written submissions and supporting material with reasons and in the absence of manifest error the Expert's decision shall be final and binding on the said parties

- 13. It is hereby declared and agreed between the parties hereto that nothing in Clause 12 shall be taken to fetter the ability of the parties to seek legal redress of any breach of the obligations entered into by the Developer and the County Council in this Agreement

Miscellaneous

- 14. The Developer hereby agrees that the Works are for the benefit of the Land
- 15. If the Works have not commenced in accordance with the terms of this Agreement within two (2) years of the date hereof this Agreement (save always for any outstanding liabilities on the part of the Developer) shall absolutely determine and cease to have any effect unless otherwise agreed in writing
- 16. For the avoidance of doubt reference wherever it appears in this Agreement to the Developer shall not include any successor in title

thereto in respect of the authority granted to the Developer to carry out the Works pursuant to this Agreement

17. Reference whenever it appears in this Agreement to any statute or other legislation shall include any amendment thereto or other regulations Codes of Practice or other directions made or given there under
18. Notwithstanding the provisions of the Contracts (Rights of Third Parties) Act 1999 nothing in this Agreement confers or purports to confer any rights to enforce any of the terms and provisions herein on any person who is not a party hereto or a successor in title to a party hereto
19. In no event shall any delay, neglect or forbearance on the part of the County Council in enforcing (in whole or in part) any provision of this Agreement be or be deemed to be a waiver of that provision or any other provision or shall in any way prejudice the right of that party under this Agreement.

SCHEDULE 1

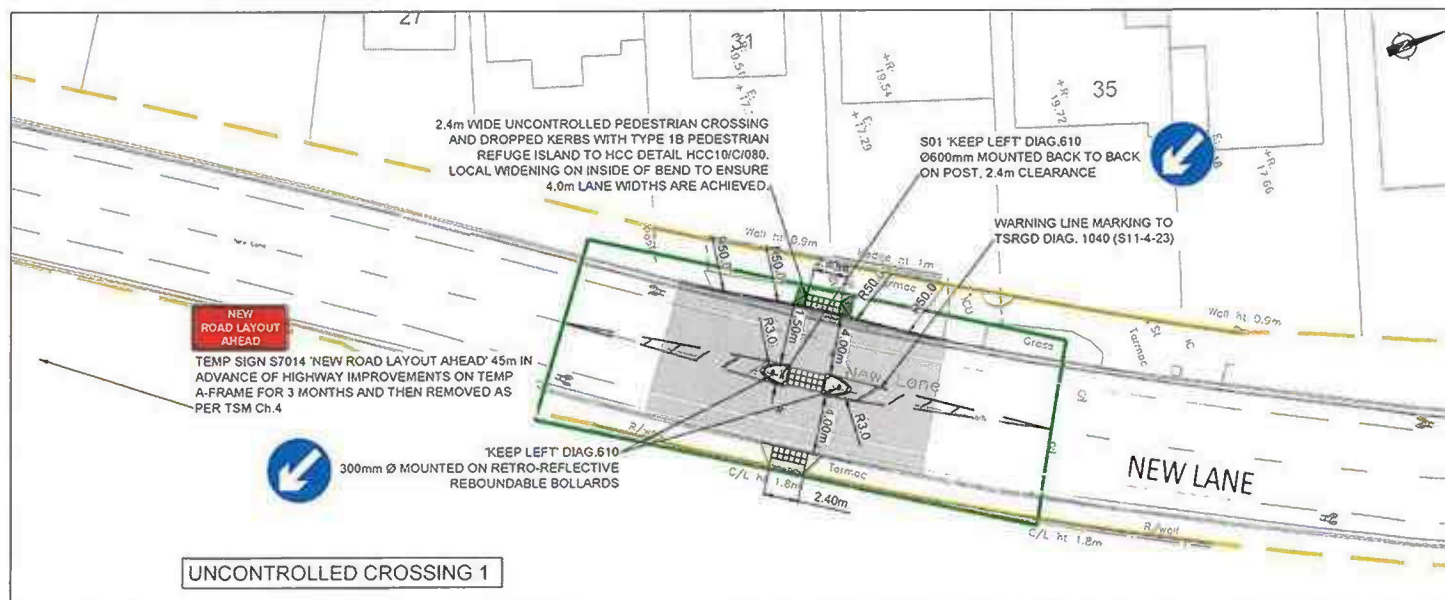
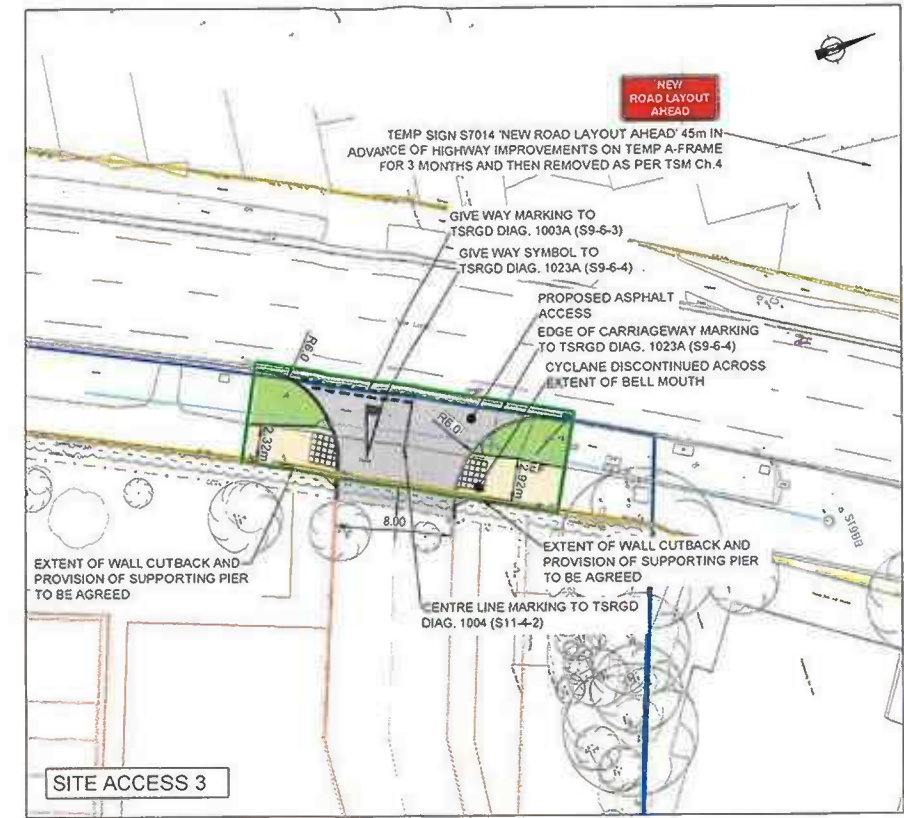
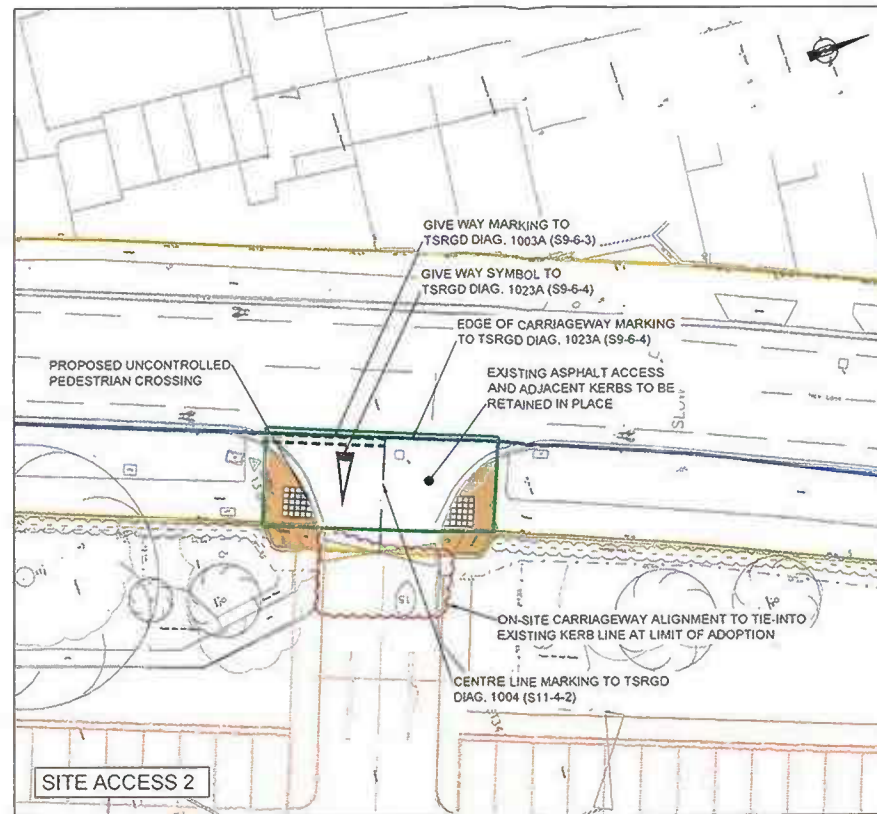
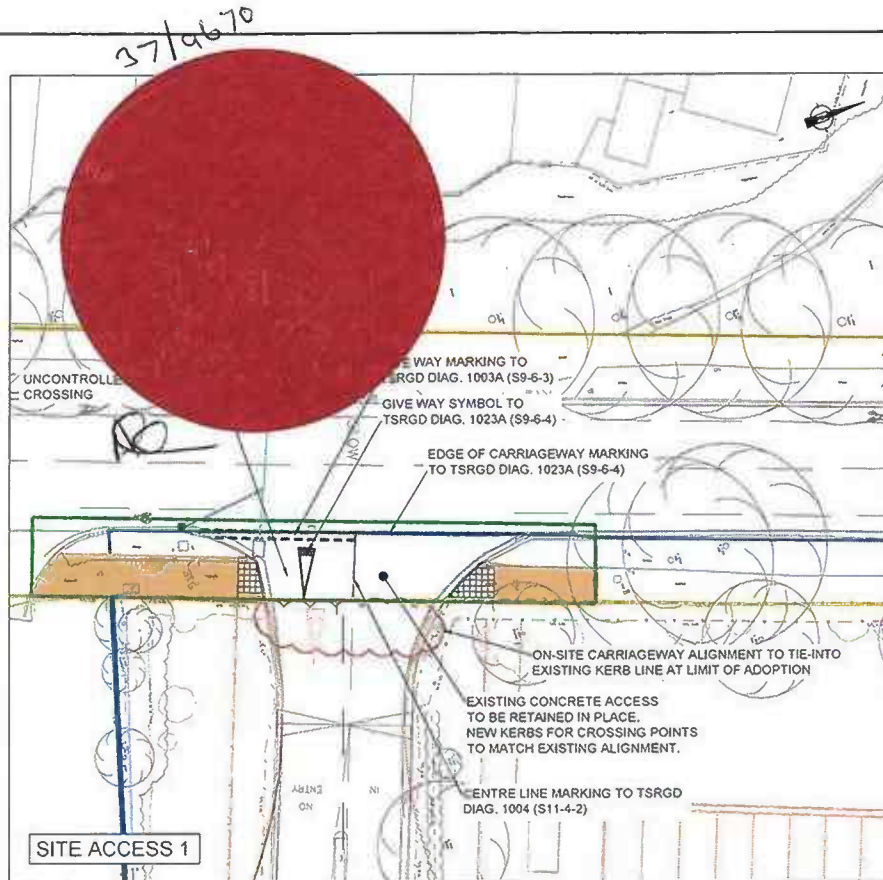
Description of Works

The Works referred to in this Agreement and shown in principle on Drawing **VD21513-DR-0100 Rev E, VD21513-DR-0102 Rev C, VD21513-DR-0200 Rev C, VD21513-DR-0500 Rev C, VD21513-DR-0501, VD21513-DR-0700 Rev C, VD21513-DR-0701 Rev B** attached hereto shall comprise the provision of:-

1. Installing a new bellmouth at the northern extents of the site, including footway improvements at the existing site accesses. A new pedestrian refuge island and crossing is being installed to the south of the site on New Lane to provide an ongoing link at the end of the footway on the western side.

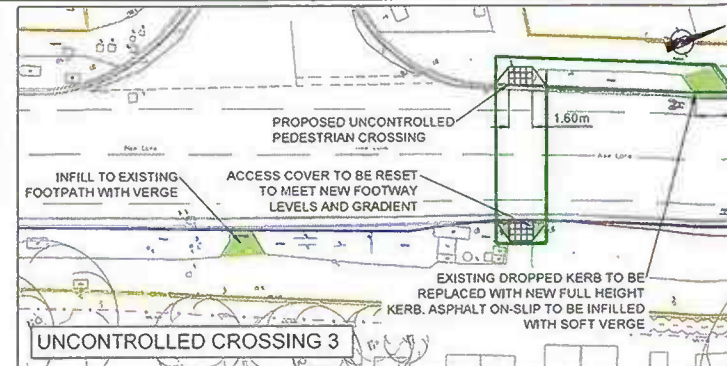
2. Footway works are also being carried out within Crossland Drive

TOGETHER WITH such ancillary works as may be required by the County Council which ancillary works may include inter alia the provision of street lighting traffic signs carriageway markings footways street furniture and drainage and any necessary alterations to statutory undertakers equipment PROVIDED THAT if the Department for Transport Technical Design Standards, Advice or HCCs Technical Guidance is amended after the date of this Agreement the County Council shall be at liberty to review the Works and require any amendments deemed necessary to ensure that the Works comply with the revised standards and advice SAVE THAT in circumstances where detailed contract drawings have been approved in writing by the County Council and the Works are commenced within five months of the date of the written approval thereof then SUBJECT ALWAYS TO AND WITHOUT PREJUDICE to Schedule 2 hereof the County Council shall not seek any amendments to the Works



ROAD MARKING SCHEDULE						
DIAG. No.	SCHEDULE	LINE	GAP	WIDTH	SIZE	COLOUR
1018.1	7-4-1	Cont		100		Yellow
1003A	9-6-3	600	300	200		White
1023A	9-6-4				3750	White
1004	11-4-2	400	200	100		White
1009A	11-4-8	600	300	100		White
1012.1	11-4-4	cont		100		White
1040	11-4-23	4000	2000	100		White

PROPOSED SIGN SCHEDULE			
SIGN REF	DIAG. No.	DESCRIPTION	SIZE
S01	610	Keep left	600mm dia
S7014	7014	New Road Layout Ahead	1025w x 485mmh



- KEY**
- S278 WORKS EXTENTS
 - SITE BOUNDARY
 - HIGHWAY BOUNDARY
 - RESURFACING / FULL DEPTH ASPHALT CARRIAGEWAY CONSTRUCTION (REFER DRG VD21513-DR-0701)
 - RESURFACING / FULL DEPTH ASPHALT FOOTWAY TYPE 1A CONSTRUCTION (REFER DRG VD21513-DR-0701)
 - GRASSED VERGE
 - TACTILE PAVIERS TO CROSSING (REFER HCC DRG HCC11/C/065)
 - SIGN ON POST WITH DIAG.610 BACK TO BACK
 - RETROREFLECTIVE BOLLARD WITH DIAG. 610 BOTH SIDES
 - PROPOSED HIGHWAY GULLY. SEE VD21513-DR-0700 FOR MORE INFORMATION

Sign Project	New Lane Head
Sign Reference	S-23 diag. 610
Height	120
Material	Class RA2

Sign Project	High Rd. Box
Sign Reference	T014
Height	425
Material	Class RA2

Sign Project	High Rd. Box
Sign Reference	T014
Height	425
Material	Class RA2

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
- PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK - THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF.
- CONSTRUCTION**
- OPERATIVES TO TAKE PRECAUTIONS WHEN WORKING ADJACENT TO OR WITHIN DEEP EXCAVATIONS. METHOD STATEMENT TO BE PRODUCED BY CONTRACTOR PRIOR TO WORKS COMMENCING.
 - ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.
- ENVIRONMENTAL**
- EXISTING WATERCOURSES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
 - CONSIDERATION GIVEN TO NOISE LEVELS GIVEN PROXIMITY TO EXISTING PROPERTIES.
 - CONSIDERATION GIVEN TO GROUND CONDITIONS. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PRIOR TO UNDERTAKEN EXCAVATION WORKS.
- WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

0 2.5 5 10 15
1:250 SCALE (m)

REV	DETAILS	DRAWN	CHECKED	DATE	NOTES
A	SITE LAYOUT UPDATED	TV	PW	26.07.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
B	REVISED TO DETAIL DESIGN, ADDITIONAL WORKS TO CROSSFIELD ROAD ADDED	XGS	PW	18.08.21	2. BASED ON TOPOGRAPHICAL SURVEYS BY SURVEYBASE LTD. DATED NOV-20 AND GREENHATCH SURVEYS DATED AUG-21
C	AMENDMENTS FOLLOWING COMMENTS FROM RSA	TV	PW	07.09.21	3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC)
D	WIDE RANGING AMENDMENTS TO ADDRESS HCC DESIGN AUDIT REPORT	RT	PW	09.12.21	4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS 205-52/P001-D AND 205-52/P013-A
E	MINOR AMENDMENTS TO ADDRESS HCC SECONDARY DESIGN AUDIT REPORT	TV	PW	19.01.22	5. ROAD SPEED 30mph

6. TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS
7. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS
8. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER
9. ALL STATUTORY CONSENTS, OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS AND WATER INDUSTRY ACTS, ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORKS (UNLESS OTHERWISE STATED)
10. ALL WORKS ARE TO BE INSPECTED BY THE LOCAL AUTHORITY, NHBC OR STATUTORY AUTHORITY AS APPLICABLE
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12. HIGHWAY BOUNDARIES ARE BASED ON BEST POSSIBLE TRACES FROM SCC RECORDS.
13. THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY HCC

SUBJECT TO APPROVAL

GENERAL ARRANGEMENT

KGS PW 16.8.21

QUARTZ PROJECT SERVICES

NEW LANE, HAVANT

1:250 @ A1 OR AS SHOWN

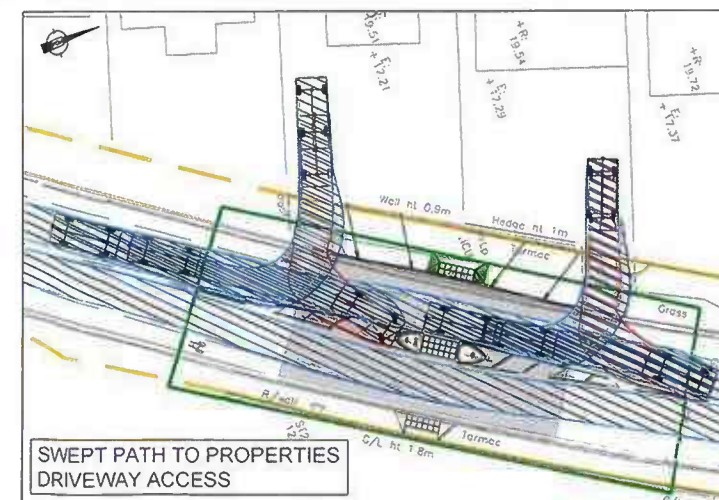
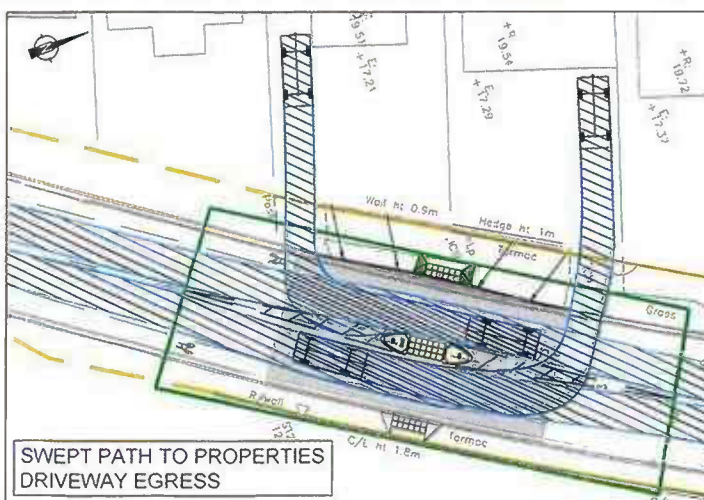
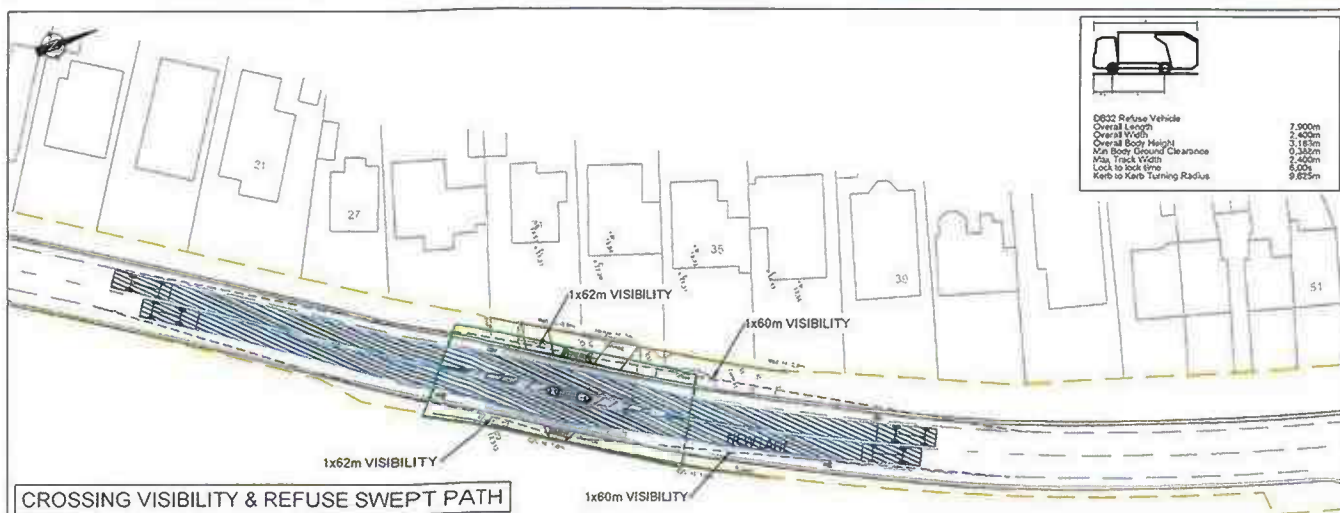
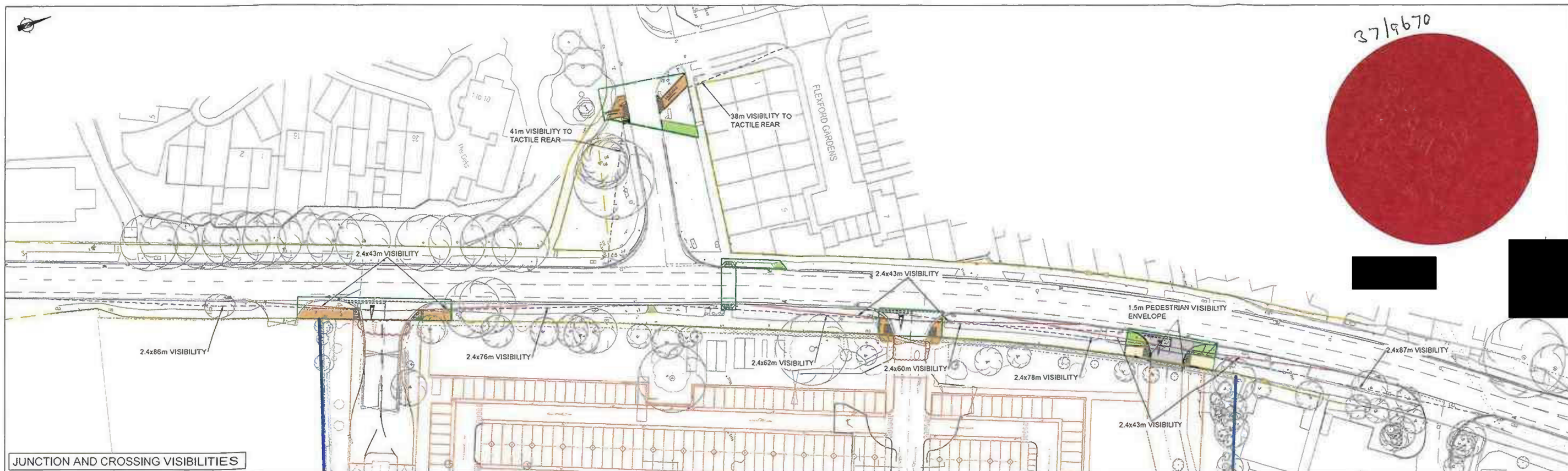
vectos.

Network Building, 97 Tottenham Court Road, London, W1T 4TP



VD21513-DR-0100

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SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK. THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF.

CONSTRUCTION

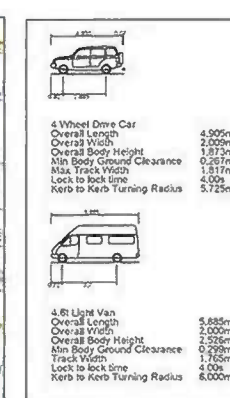
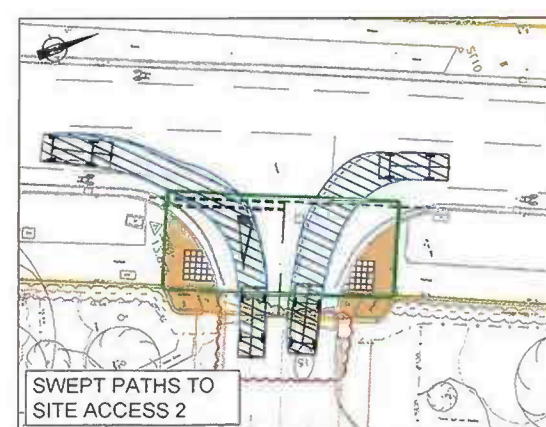
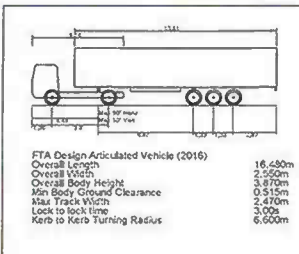
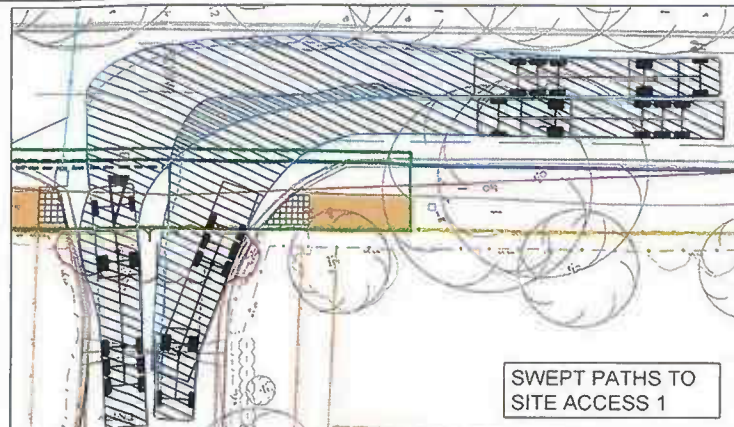
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- ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.

ENVIRONMENTAL

- EXISTING WATERCOURSES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
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WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

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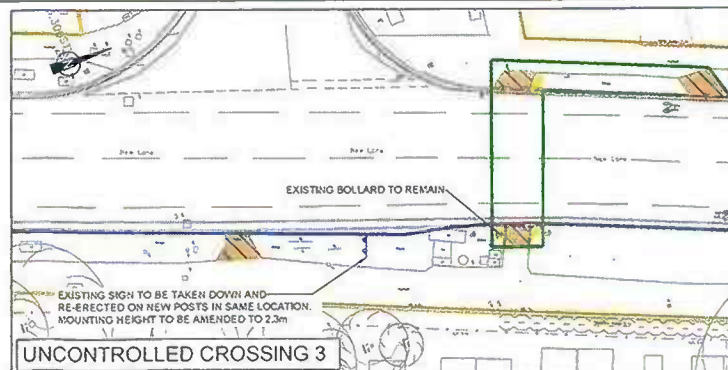
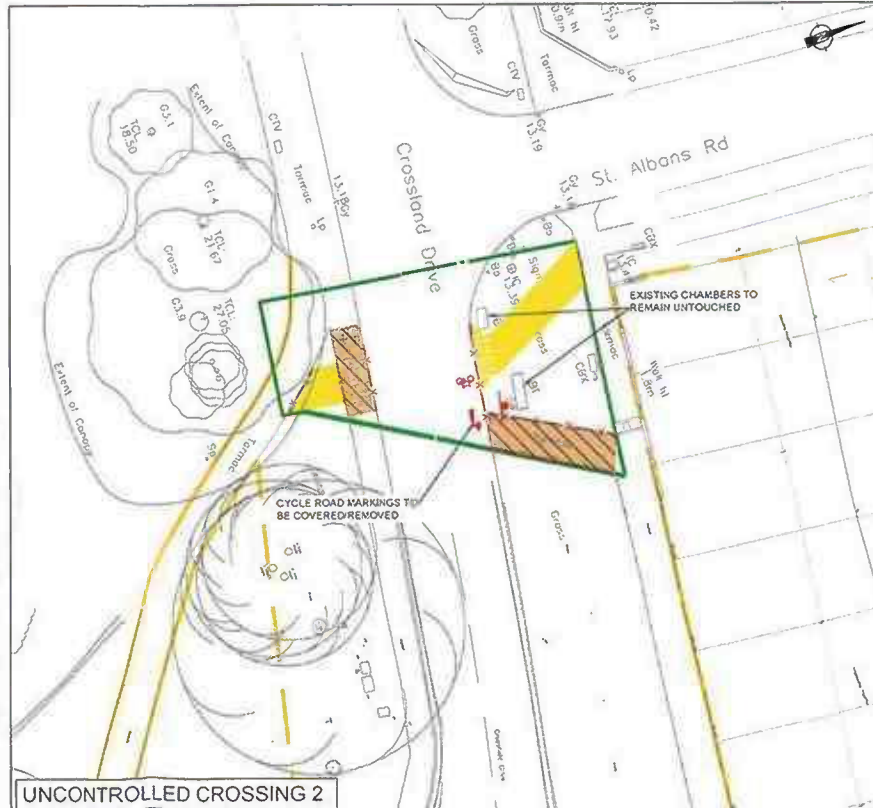
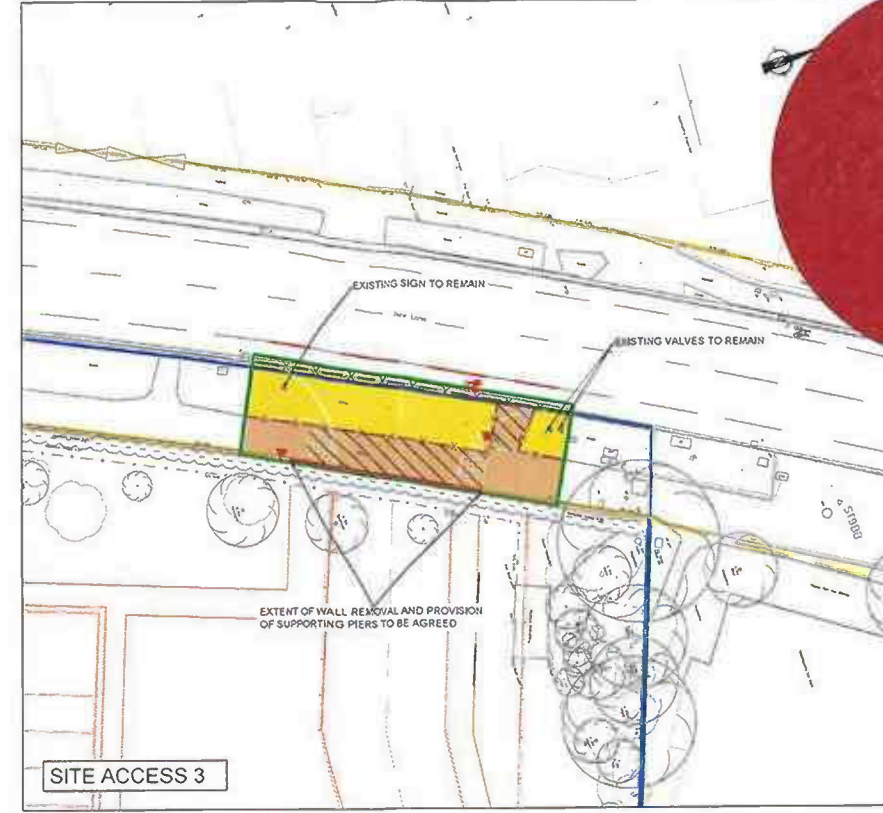
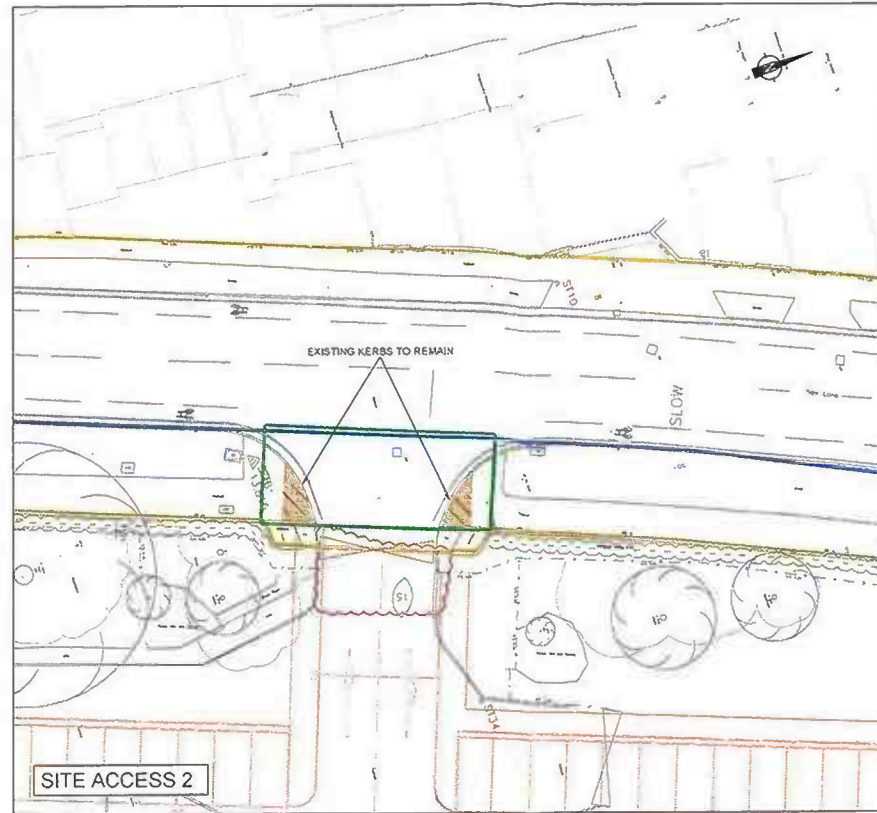
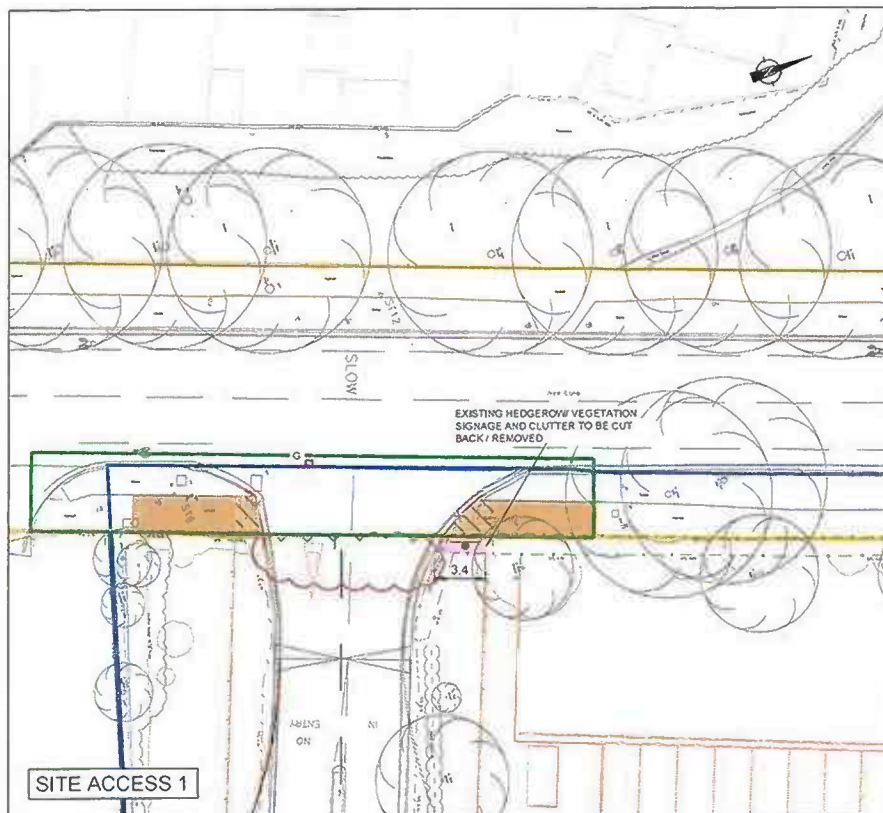
REV	DETAILS	DRAWN	CHECKED	DATE	NOTES
A	AMENDMENTS FOLLOWING COMMENTS FROM R&A	TW	PVW	07.09.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
B	WIDE RANGING AMENDMENTS TO ADDRESS HCC	RT	PVW	09.12.21	2. BASED ON TOPOGRAPHICAL SURVEYS BY SURVEYBASE Ltd, DATED NOV-20 AND GREENHATCH SURVEYS DATED AUG-21
C	DESIGN AUDIT REPORT				3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC)
	MINOR AMENDMENTS TO ADDRESS HCC	TW	PVW	19.01.22	4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS 205452/PD01-D AND 205452-PD13-A
	SECONDARY DESIGN AUDIT REPORT				5. ROAD SPEED 30mph
					6. TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS
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SUBJECT TO APPROVAL			QUARTZ PROJECT SERVICES	vectos. Network Building, 97 Tottenham Court Road, London, W1T 4TP CfA ISO 9001 UKAS Quality Management 9001	
VISIBILITIES AND VEHICLE TRACKING			NEW LANE, HAVANT		
KGS	PW	16.08.21	1:500 @ A1	VD21513-DR-0102	C



- SITE CLEARANCE NOTES**
1. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE FULL EXTENT OF SITE CLEARANCE WORKS.
 2. WHERE THE FELLING/REMOVAL OF TREES AND HEDGEROWS ARE SHOWN ON PLAN, THIS SHALL BE UNDERTAKEN OUTSIDE OF THE BIRD NESTING SEASON.
 3. EXISTING ROAD MARKINGS TO BE REMOVED BY HYDROBLASTING. CARRIAGEWAY SURFACING TO BE MADE GOOD WHERE REQUIRED IF DAMAGED. EXTENTS OF WHICH TO BE AGREED WITH HCC.
 4. THE CONTRACTOR SHALL MAKE ALL NECESSARY TRAFFIC MANAGEMENT ARRANGEMENTS UNDER CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL AND IS RESPONSIBLE FOR ENSURING TRAFFIC MANAGEMENT MEASURES DURING CONSTRUCTION ARE AGREED WITH THE HIGHWAY AUTHORITY AND POLICE. WHERE REQUIRED, SUFFICIENT LEAD IN PERIOD IS TO BE ALLOWED FOR THE MAKING AND PUBLISHING OF ANY TEMPORARY TRAFFIC MANAGEMENT ORDERS REQUIRED.
 5. ELECTRICAL DISCONNECTIONS SHALL BE ARRANGED BY THE PRINCIPAL CONTRACTOR.
 6. MATERIALS DISPOSED OFF-SITE SHALL BE CLASSIFIED BY THE PRINCIPAL CONTRACTOR AND DISPOSED AT AN APPROPRIATE FACILITY.
 7. IF HAZARDOUS MATERIAL IS BELIEVED TO HAVE BEEN UNEARTHED DURING THE WORKS, THE WORKS SHALL STOP AND ECG CONSULTED.
 8. NO MATERIALS SHALL BE STOCKPILED ON THE PUBLIC HIGHWAY.
 9. THE PRINCIPAL CONTRACTOR SHALL COORDINATE AND MANAGE IDENTIFIED UTILITY COMPANY DIVERSIONS.
 10. THE CONTRACTOR SHALL MAINTAIN AN APPROPRIATE LEVEL OF SURFACE WATER DRAINAGE THROUGHOUT THE WORKS.
 11. ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.

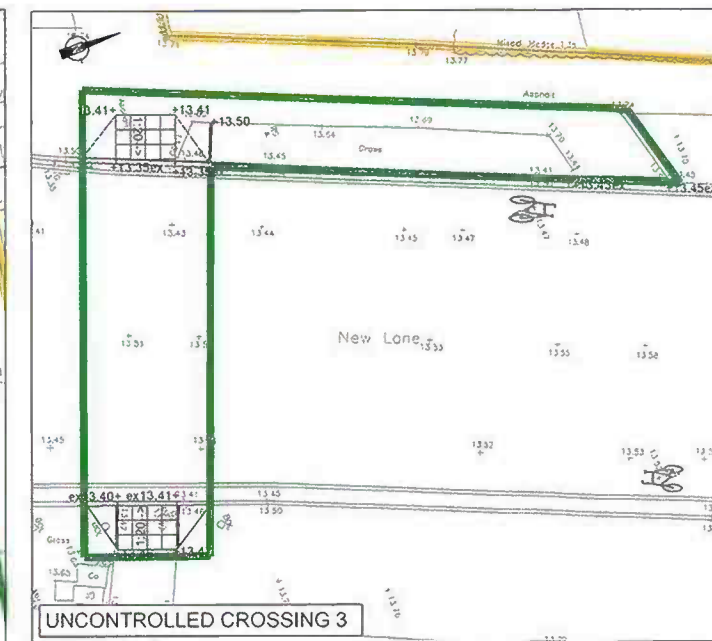
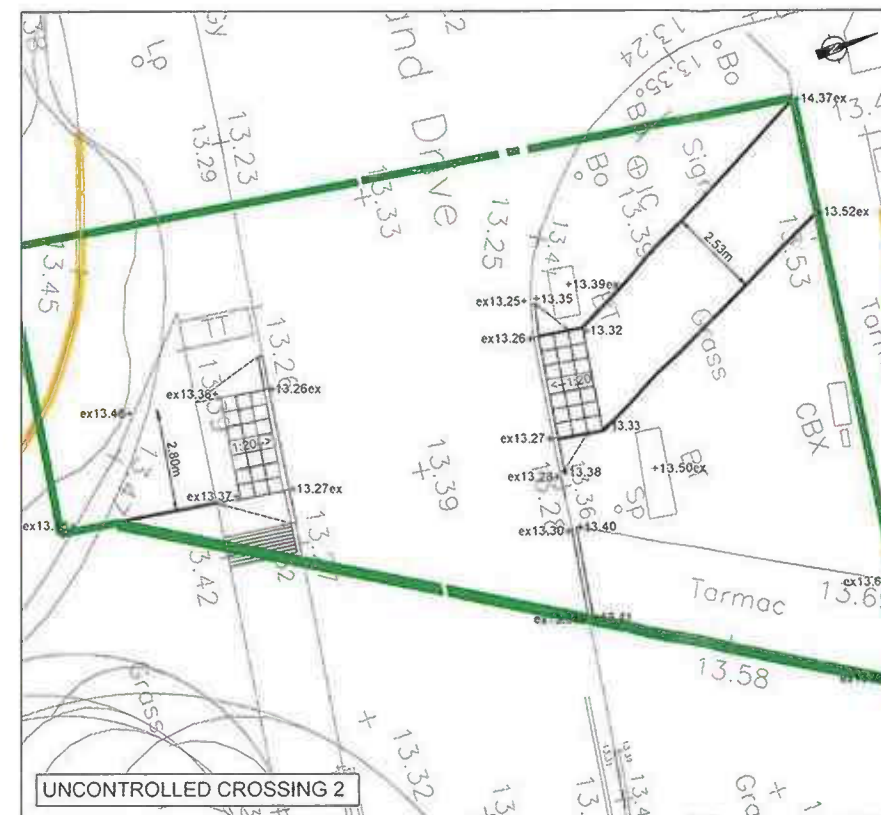
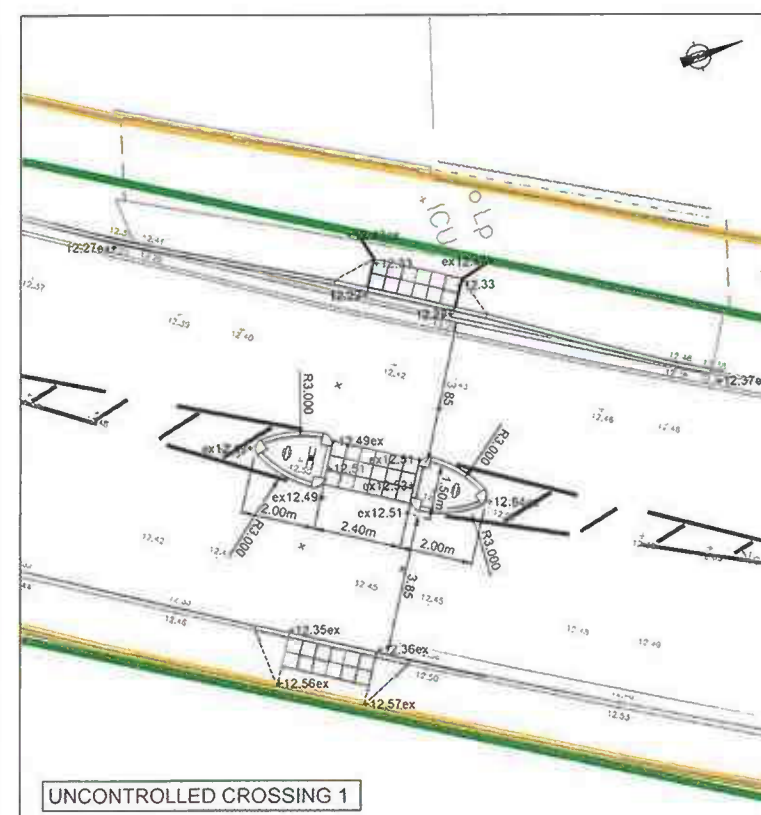
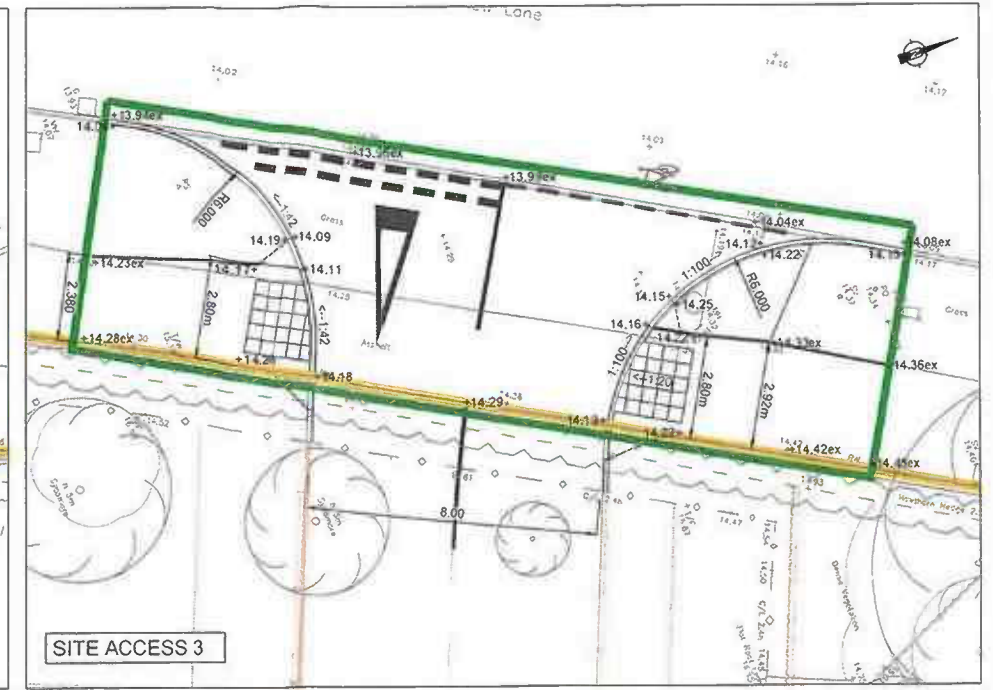
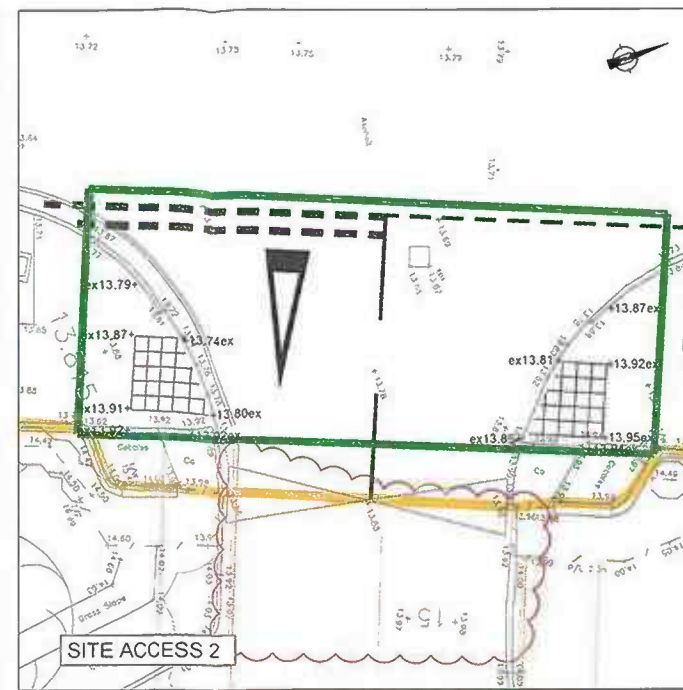
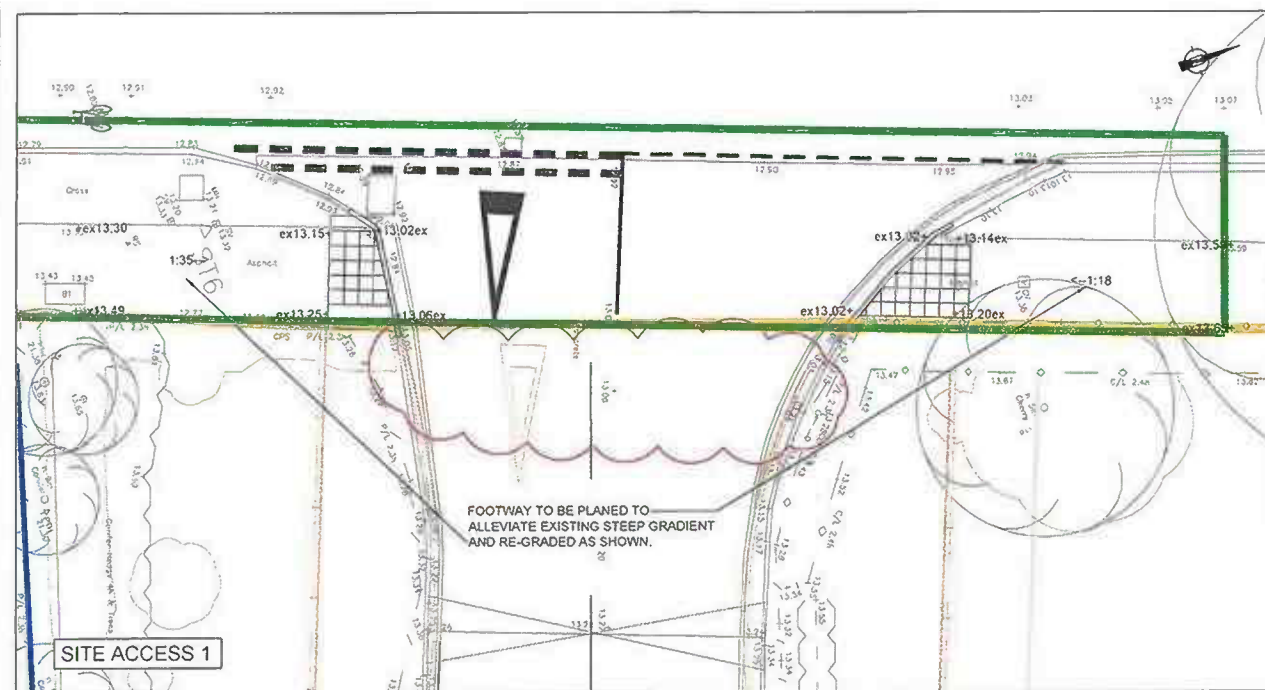
- NOTES**
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 3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC)
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- KEY**
- CARRIAGEWAY
 - SURFACE LAYER PREPARATION FOR OVERLAY
 - FULL DEPTH STRIP TO FORMATION
 - FOOTWAY
 - SURFACE LAYERS PLANNING TO RECEIVE OVERLAY
 - FULL DEPTH STRIP TO FORMATION
 - EXISTING BRICK WALL AND FOUNDATION TO BE REMOVED AND DISPOSED OF OFFSITE
 - SOFT VERGE/VEGETATION/TOPSOIL STRIP TO PROPOSED FORMATION (MIN. 300mm)
 - KERBS AND BACKING REMOVED AND DISPOSED OF
 - UTILITY TO BE RESET/DIVERTED ACCORDING TO THE ASSET OWNERS REQUIREMENTS
 - SIGN, POST AND FOUNDATION TO BE TAKEN UP AND DISPOSED OF
 - EXISTING GULLY AND CONNECTION TO BE PLUGGED. INFILL EXISTING GULLY POT WITH C20 CONCRETE AND ASPHALT SURFACING TO TIE INTO EXISTING CARRIAGEWAY.

- SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**
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0 2.5 5 10 15
1:250 SCALE (m)

REV	DETAILS	DRAWN	CHECKED	DATE	NOTES	APPLICABLE	CLIENT
A	AMENDMENTS FOLLOWING COMMENTS FROM RSA WIDE RANGING AMENDMENTS TO ADDRESS HCC DESIGN AUDIT REPORT	RT	PW	07.09.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE	11. THE PRESENCE OF LIVE UTILITY EQUIPMENT SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORKS. THE LOCATION OF UTILITIES SHOWN ON ANY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLEING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL UTILITY ASSETS BY HAND DUG TRIAL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL APPROPRIATE UTILITY PROTECTION/DIVERSION MEASURES IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE)	QUARTZ PROJECT SERVICES
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C	WIDE RANGING AMENDMENTS TO ADDRESS HCC DESIGN AUDIT REPORT	RT	PW	19.01.22	3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC)	13. THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY HCC	1:250 @ A1 OR AS SHOWN
							VD21513-DR-0200
							C

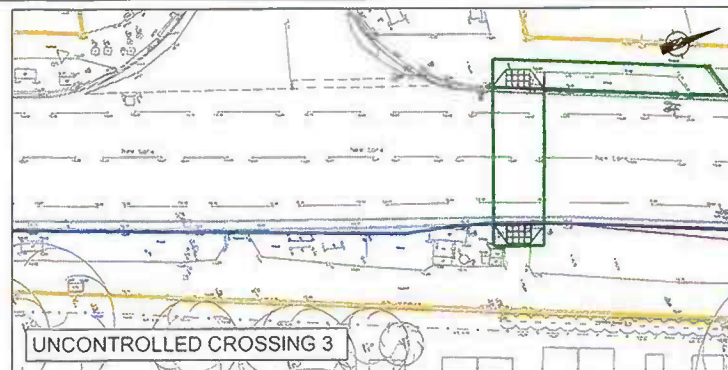
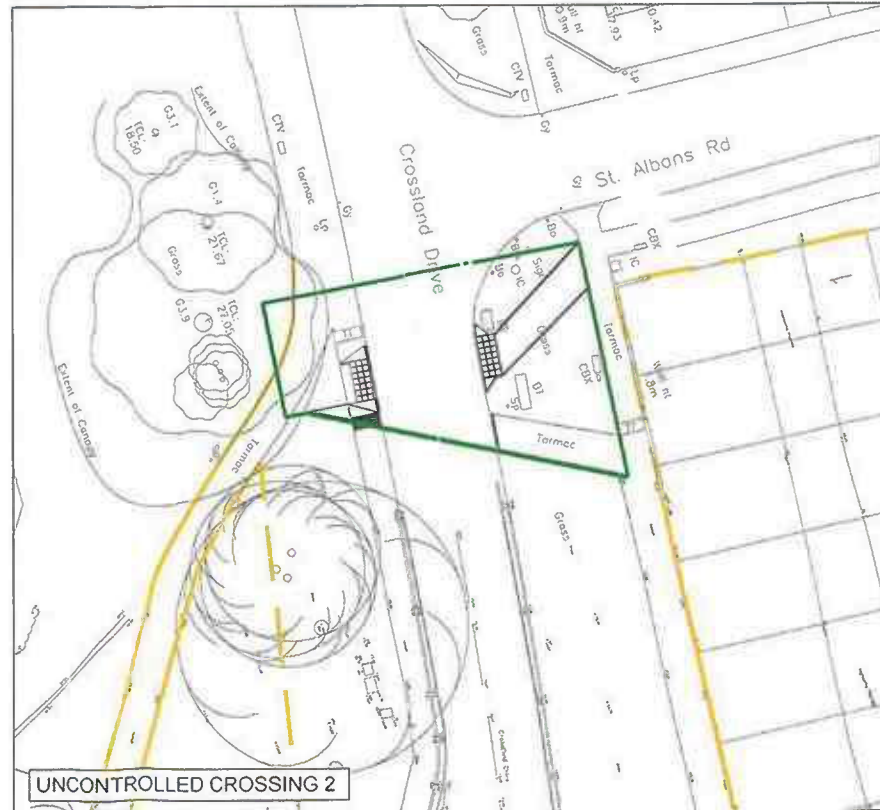
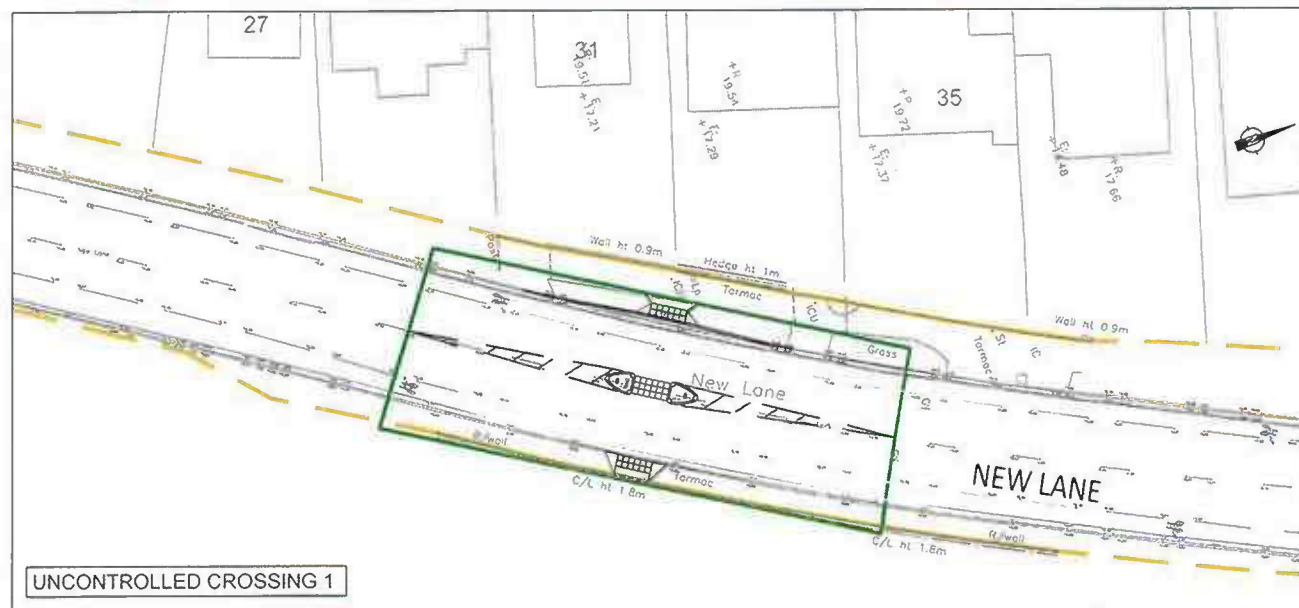
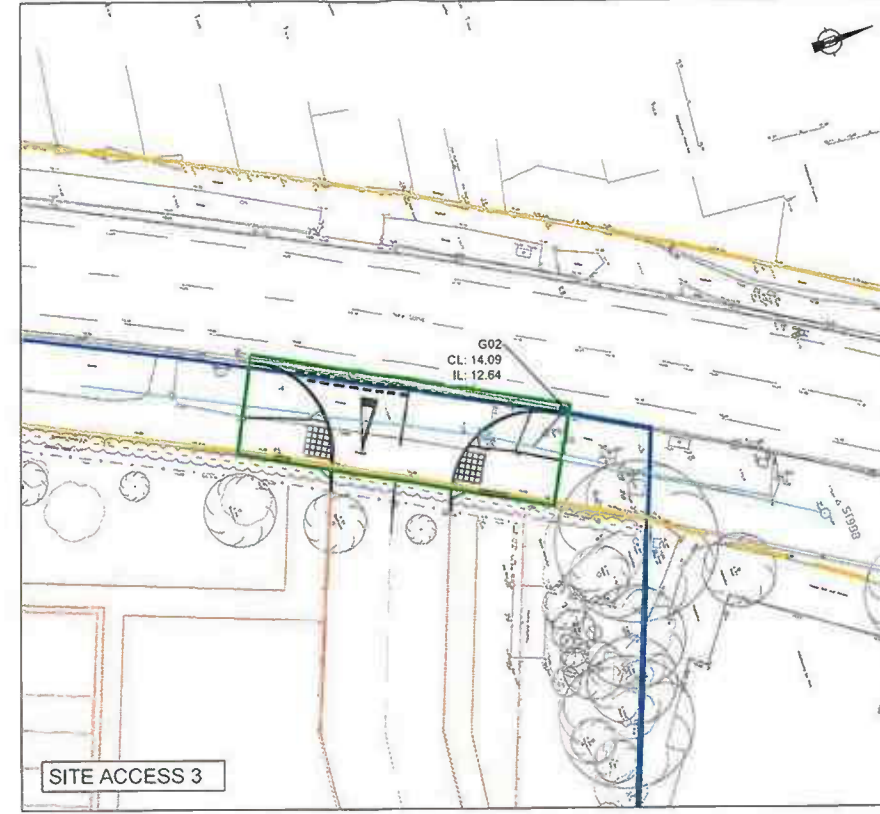
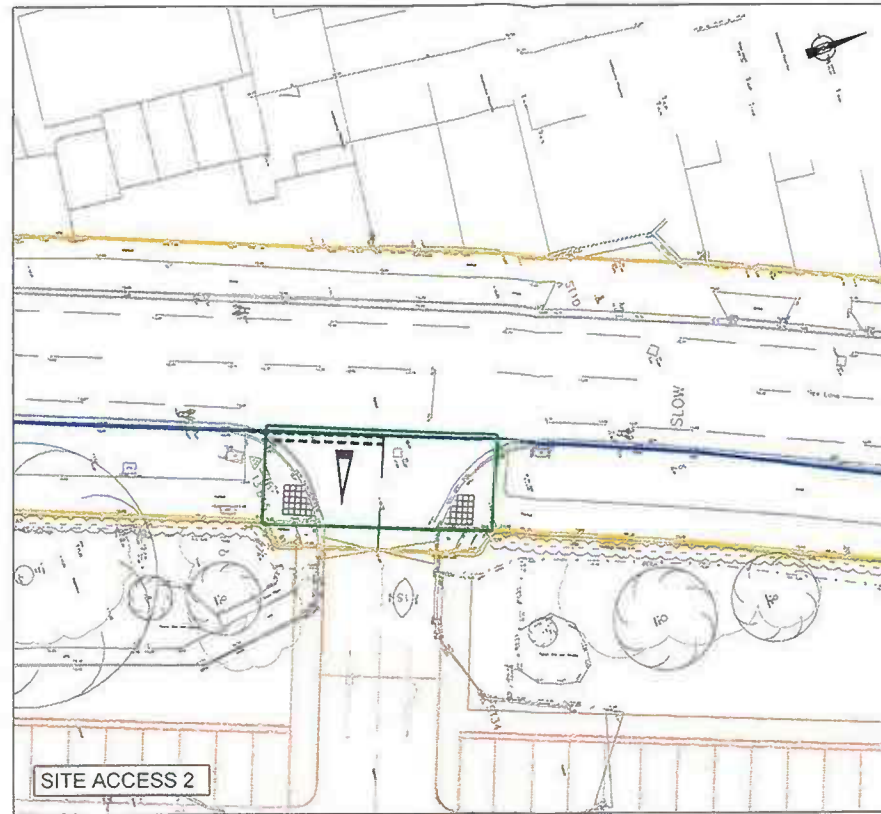
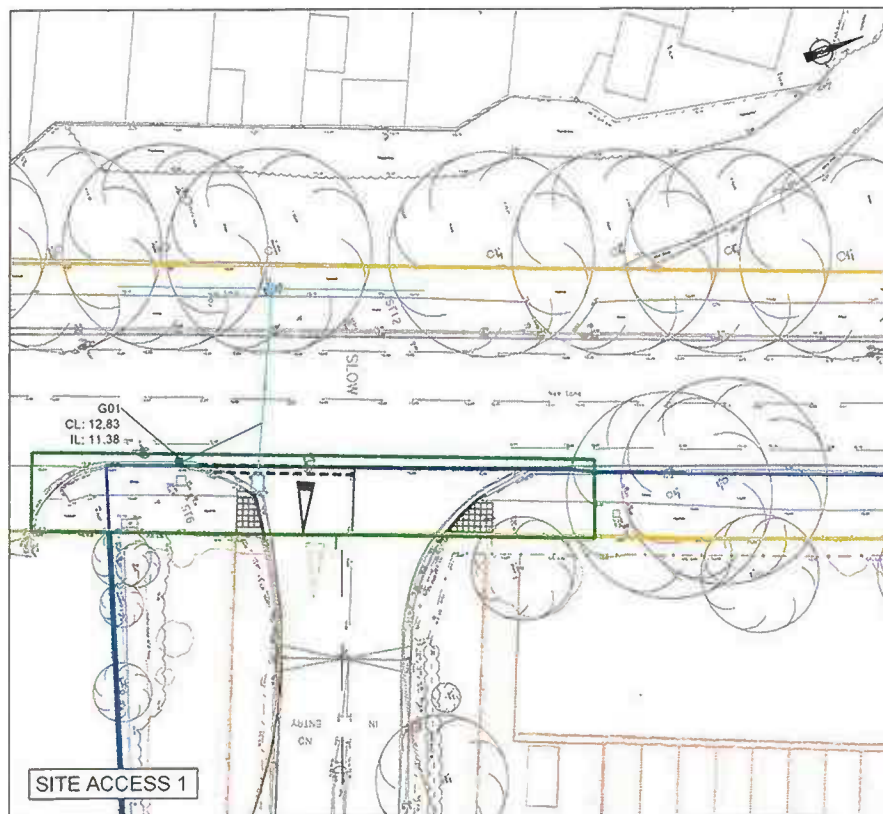


KEY	
—	S278 WORKS EXTENTS
—	SITE BOUNDARY
—	HIGHWAY BOUNDARY
+13.38ex	FINISHED LEVEL AS EXISTING (BASED ON TOPOGRAPHICAL SURVEY)
+13.45	PROPOSED FINISHED LEVEL

0 1 2 4 6
1:100 SCALE (m)

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REV	DETAILS	DRAWN	CHECKED	DATE	NOTES	SUBJECT TO APPROVAL			QUARTZ PROJECT SERVICES		 Network Building, 97 Tottenham Court Road, London, W1T 4TP	 UKAS CONSTRUCTION
A	AMENDMENTS FOLLOWING COMMENTS FROM RSA	TW	PW	07.09.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE	PROPOSED, EXISTING LEVELS AND GEOMETRY			NEW LANE, HAVANT			
B	WIDE RANGING AMENDMENTS TO ADDRESS HCC	RT	PW	09.12.21	2. BASED ON TOPOGRAPHICAL SURVEYS BY SURVEYBASE LTD, DATED NOV-20 AND GREENHATCH SURVEYS DATED AUG-21							
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	SECONDARY DESIGN AUDIT REPORT				4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS 205452/P001-D AND 205452/P013-A	11. THE PRESENCE OF LIVE UTILITY EQUIPMENT SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORKS. THE LOCATION OF UTILITIES SHOWN ON ANY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLEING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL UTILITY ASSETS BY HAND DIG TRIAL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL APPROPRIATE UTILITY PROTECTION/DIVERSION MEASURES IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE)			11.00 @ A1 OR AS SHOWN			
					5. ROAD SPEED 30mph	12. HIGHWAY BOUNDARIES ARE BASED ON BEST POSSIBLE TRACES FROM HCC RECORDS.			1:100 @ A1 OR AS SHOWN			
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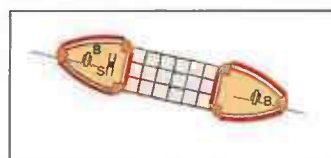
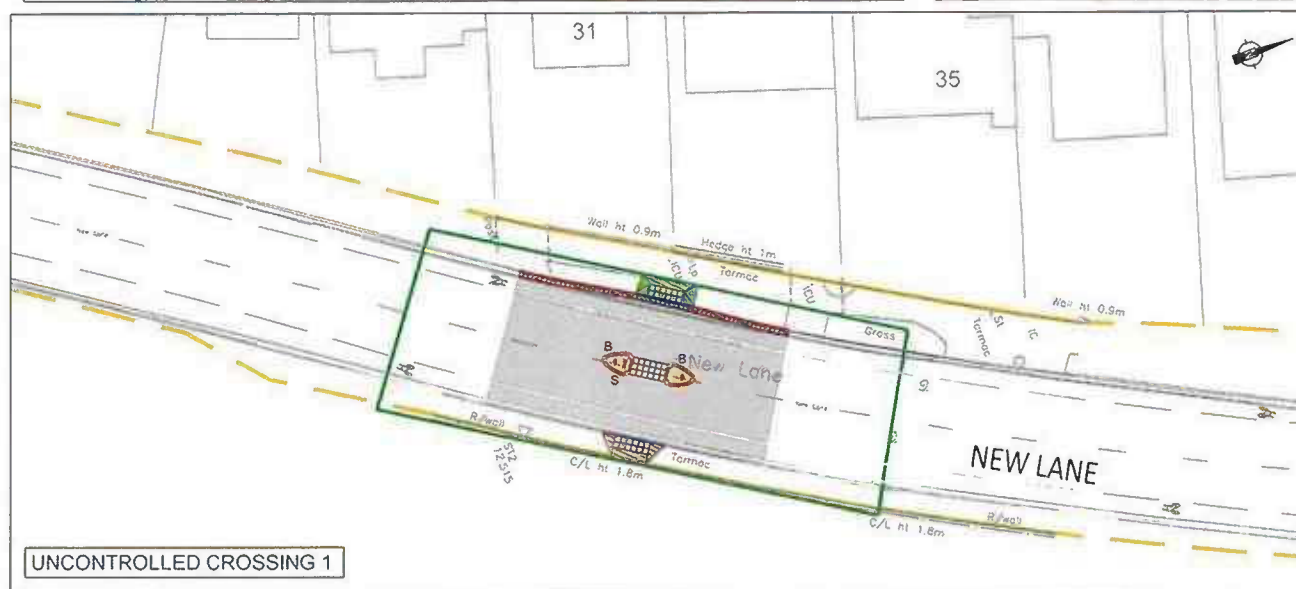
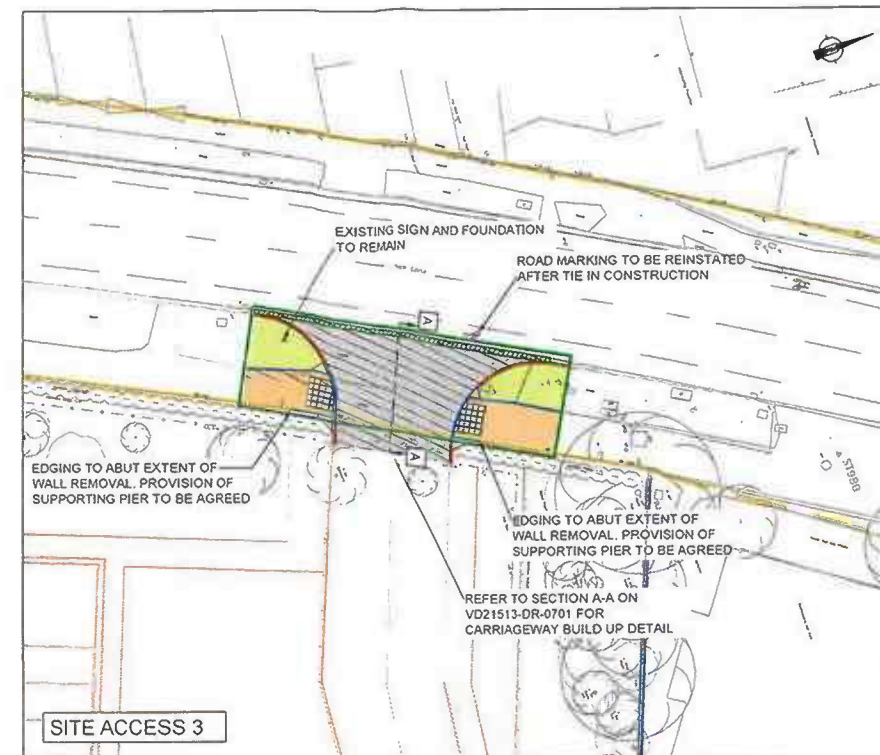
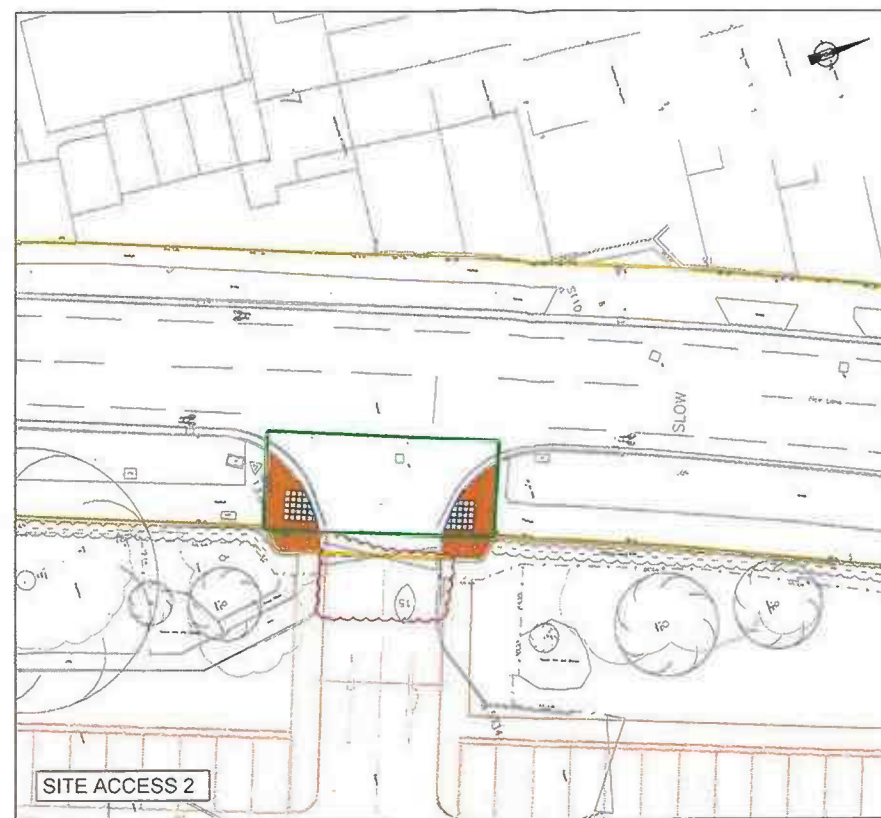
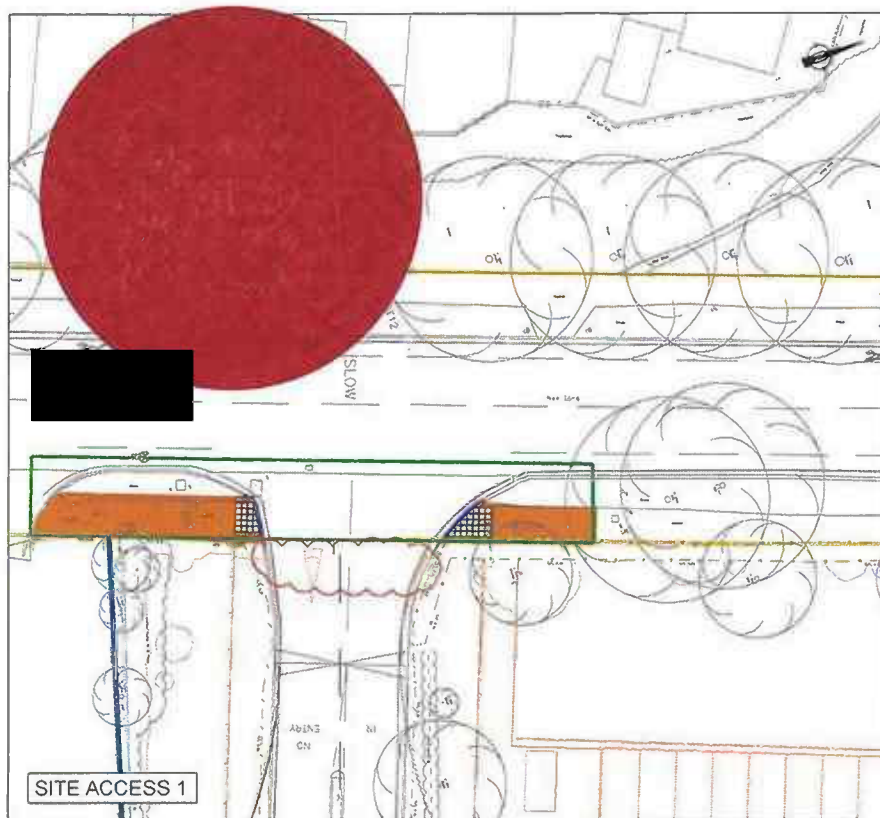
- KEY**
- S278 WORKS EXTENTS
 - SITE BOUNDARY
 - HIGHWAY BOUNDARY
 - EXISTING HIGHWAY CARRIER DRAIN (INDICATIVE LOCATION SHOWN BY C2 SEARCH RESULTS)
 - EXISTING MANHOLE
 - PROPOSED HOPE HIGHWAY GULLY. SEE VD21513-DR-0703 FOR DETAILS. SEE TYPE 1 GULLY HCC10/D015 FOR ADDITIONAL DETAILS.
 - PROPOSED 150mm RIGID HOPE GULLY CONNECTION PIPE WITH 150mm ST4 CONCRETE BED & BACKFILL. SEE TYPE 1 GULLY HCC10/D015 FOR ADDITIONAL DETAILS.

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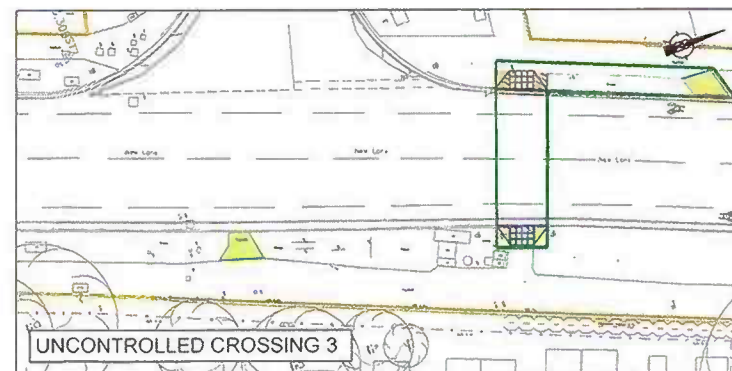
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1:250 SCALE (m)

REV	DETAILS	DRAWN	CHECKED	DATE	NOTES	APPLICABLE	SUBJECT TO APPROVAL	QUARTZ PROJECT SERVICES	vectors.
					1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE 2. BASED ON TOPOGRAPHICAL SURVEYS BY SURVEYBASE LTD, DATED NOV-20 AND GREENHATCH SURVEYS DATED AUG-21 3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC) 4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS 205452/P001-D AND 205452/P013-A 5. ROAD SPEED 30mph 6. TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS 7. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS 8. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER 9. ALL STATUTORY CONSENTS, OPENING NOTICES ETC. AS REQUIRED UNDER HIGHWAYS AND WATER INDUSTRY ACTS, ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORKS (UNLESS OTHERWISE STATED) 10. ALL WORKS ARE TO BE INSPECTED BY THE LOCAL AUTHORITY, NHBC OR STATUTORY AUTHORITY AS APPLICABLE 11. THE PRESENCE OF LIVE UTILITY EQUIPMENT SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORKS. THE LOCATION OF UTILITIES SHOWN ON ANY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLEING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL UTILITY ASSETS BY HAND DUG TRIAL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL APPROPRIATE UTILITY PROTECTION/DEVIATION MEASURES IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE) 12. HIGHWAY BOUNDARIES ARE BASED ON BEST POSSIBLE TRACES FROM SCC RECORDS. 13. THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY HCC				
							DRAINAGE	NEW LANE, HAVANT	
							RT PW 09.12.21	1:250 @ A1 OR AS SHOWN	VD21513-DR-0501

3719670



CENTRAL ISLAND
SCALE 1:100



KEY	
	ASPHALT CARRIAGEWAY RESURFACING/ FULL DEPTH CONSTRUCTION
	ASPHALT FOOTWAY TYPE 1A RESURFACING/ FULL DEPTH CONSTRUCTION
	SOFT VERGE/VEGETATION (MIN. 300mm)
	TACTILE BLISTER PAVIOURS (HCC REF TYPE 2) 400x400x50mm THICK, BUFF COLOUR
	TACTILE CORDUROY PAVIOURS 400x400x50mm THICK, BUFF COLOUR
	CARRIAGEWAY TIE IN, 900mm WIDE
	H82 TYPE PCC KERB (HCC REF PC1) 100mm UPSTAND, 125mm WIDE
	DROPPER PCC KERB 0-100mm UPSTAND, 125mm WIDE
	BN TYPE PCC KERB (HCC REF PC4) 0mm UPSTAND, 125mm WIDE
	EF TYPE PCC EDGING KERB 0mm UPSTAND, 50mm WIDE
	QHB TYPE QUADRANT PCC KERB 100mm UPSTAND, 305mm RADIUS
	'KEEP LEFT' RETROREFLECTIVE BOLLARD
	S278 WORKS EXTENTS
	SITE BOUNDARY
	HIGHWAY BOUNDARY

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION	
PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK - THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF.	
CONSTRUCTION	
1.	OPERATIVES TO TAKE PRECAUTIONS WHEN WORKING ADJACENT TO OR WITHIN DEEP EXCAVATIONS. METHOD STATEMENT TO BE PRODUCED BY CONTRACTOR PRIOR TO WORKS COMMENCING.
2.	ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.
ENVIRONMENTAL	
1.	EXISTING WATERCOURSES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
2.	CONSIDERATION GIVEN TO NOISE LEVELS GIVEN PROXIMITY TO EXISTING PROPERTIES.
3.	CONSIDERATION GIVEN TO GROUND CONDITIONS. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PRIOR TO UNDERTAKEN EXCAVATION WORKS.
WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.	

0 2.5 5 10 15
1:250 SCALE (m)

REV		DETAILS	DRAWN	CHECKED	DATE	NOTES		SUBJECT TO APPROVAL			QUARTZ PROJECT SERVICES		vector.		CfA		ISO 9001		UKAS	
A		AMENDMENTS FOLLOWING COMMENTS FROM RSA	TV	PV	07.09.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE		PAVEMENT CONSTRUCTION AND KERBING			NEW LANE, HAVANT		Network Building, 97 Tottenham Court Road, London, W1T 4TP		CfA		ISO 9001		UKAS	
B		WIDE RANGING AMENDMENTS TO ADDRESS HCC	RT	PV	09.12.21	2. BASED ON TOPOGRAPHICAL SURVEY BY SURVEYBASE Ltd.		KGS			1:250 @ A1 OR AS SHOWN		VD21513-DR-0700		C					
C		DESIGN AUDIT REPORT	TV	PV	19.01.22	3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC)		PW												
		MINOR AMENDMENTS TO ADDRESS HCC				4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS		16.8.21												
		SECONDARY DESIGN AUDIT REPORT				5. ROAD SPEED 30mph														
						6. TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS														
						DRAWINGS														
						7. THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY HCC														
						CONTRACTOR TO UNDERTAKE SAMPLE CORES ON NEW LANE														
						IN ADVANCE OF WORKS TO CONFIRM EXISTING														
						CONSTRUCTION AND PROPOSED PAVEMENT DESIGN.														

C-010	PCC KERBS
C-045	FOOTWAY CONSTRUCTION TYPE 1A
C-065	TACTILE CROSSINGS
C-080	REFUGE ISLAND TYPE 1B
C-155	STANDARD TRAFFIC SIGNS AND ASSEMBLIES
D-015	GULLY TYPE 1
M-005	KERB REPLACEMENT NEW
M-010	KERB REPLACEMENT EXISTING

The diagram illustrates a cross-section of a road pavement structure. Key components include:

- GOSTING ROAD PAVEMENT**: The top layer of the existing pavement.
- GOSTING CONCRETE DEPTH PRIOR TO WORKS COMMENCING WHEN CORES HAVE BEEN TAKEN ON-SITE**: A label pointing to the existing concrete depth.
- EXISTING CURB**: The vertical edge of the pavement.
- REINFORCED CONCRETE SLAB C32/40 TO BS 8001 AND BS EN 13671 CLAUSE 1001 TO 1079 AND 1084**: The main structural slab.
- 100mm LOWER DECK DEPTH**: A layer below the main slab.
- SURFACE COURSE - 50mm M + PSV DEPTH SHOWN INDICATIVELY, ACTUAL DEPTH THE PRIOR TO WORKS COMMENCING WHEN CORES HAVE BEEN TAKEN ON-SITE. HMA 3014 F SURF DES PWD WTR 2 - POC 14C2D**: The top surface layer.
- FINISHER COURSE - 60mm AC 20 HCM BVI 4900**: A thin asphalt layer.
- BASE COURSE - 75mm AC 32 HCM BASE 4990 INSTALLED IN TWO 100mm LAYERS**: Two layers of base course.
- SUB-BASE/CAPVYG - 400mm TYPE 1 SUB-BASE**: The bottom layer of the new construction.
- SS ABSORBING MEMBRANE (600mm x 20mm) COATED WITH IMPROVED POLYVALENT**: A membrane separating the old pavement from the new base.
- A332 ROD OF ORCUNG ANSH (100mm DIAE TOP AND BOTTOM) WITH 50mm COVER**: Vertical reinforcement rods.
- 3m TRANSITION LENGTH**: The length of the transition zone between the existing and new pavement.
- LENGTH OF FLEXIBLE CONSTRUCTION**: The total length of the new flexible pavement section.
- 300 STEEL DOVEL BAR (LENGTH 0.300mm) WITH DOVEL CAPS**: Horizontal reinforcement bars at the interface.

TYPE EF EDGING

Ø14

100

150

DL10R1

ST1 CONCRETE 10K TO SMT CLAUSE 2002

50

150

50

The diagram illustrates a cross-section of a road pavement structure. The layers from top to bottom are:

- EXISTING ROAD PAVEMENT**: The top layer, with a note indicating **EXISTING CONCRETE DEPTH 180 PRIOR TO WORKS COMMENCING WHEN CORIES HAVE BEEN TAKEN CH-OTG**.
- 200mm REINFORCED CONCRETE SLAB C23/40**: A layer 1001 to 1039 and 1041.
- SURFACE COURSE - 50mm 68 + PSF DEPTH SHOWN INDICATIVELY. ACTUAL DEPTH 180 PRIOR TO WORKS COMMENCING WHEN CORIES HAVE BEEN TAKEN CH-OTG. HRA 20/14 F SURF DES PH-B VTR 2 - PCC 14300**.
- BASE COURSE - 200mm AC 32 HDM EHT 4070**.
- SUB-BASE/CAPING - 400mm TYPE 1 SUB-BASE**.
- 200mm STEEL DOVEL BARPS**: Located at the bottom of the concrete slab, with a note **DOVEL LENGTH OF 300mm CUT/RES WITH DOVEL CAPS**.
- 300mm REINFORCING MESH**: Located below the base course, with a note **COMBES BAR TOP AND BOTTOM WITH 50mm COVER**.
- STRESS ABSORBING MEMBRANE (SAM) 800mm x 12mm**: Located below the mesh, with a note **TO BE CLASSIC MESH OR APPROXIMATE EQUIVALENT**.
- EXISTING CONCRETE DEPTH 180 PRIOR TO WORKS COMMENCING WHEN CORIES HAVE BEEN TAKEN CH-OTG**: A note pointing to the bottom of the concrete slab.

ASPHALT CARRIAGEWAY PAVEMENT NOTES

1. SUB-GRADE COURSE IS TO BE DETERMINED ON SITE FOR CARBON 9% K. GROUND IMPROVEMENT MAY BE REQUIRED. THE ENGINEER SHALL BE CONSULTED.
2. EXPECTED DESIGN LIFE IS 40 YEARS FOR AN ASPHALT CARRIAGEWAY, ASSUMING SURFACE TREATMENT IS APPLIED AT 10 YEAR INTERVALS.
3. SURFACE COURSE SHALL BE IN ACCORDANCE WITH SHW CLAUSE 805, LAY 156/12 AND PO 6001. THE SURFACE COURSE SHALL BE INSTALLED IN ACCORDANCE WITH THE BSA HAPAS SPECIFICATION WITH A MINIMUM OF 10% OVERLAY THICKNESS.
4. BINDER COURSE SHALL BE IN ACCORDANCE WITH SHW CLAUSE 729 AND PO 6001. LAYER 8/1. MINIMUM STRENGTH 1800PSI.
5. BASE COURSE SHALL BE IN ACCORDANCE WITH SHW CLAUSE 729 AND PO 6001. MINIMUM STRENGTH 2500PSI.
6. TYPE 1 SUB-BASE SHALL BE IN ACCORDANCE WITH SHW CLAUSE 803.
7. TYPE 2 SUB-BASE IS NOT REQUIRED. SHALL BE 6/2 TO CLAUSE 600 AND LAYER 8/3 OF SHW

1000mm

1000mm

100mm

EXTRUDED POLYSTYRENE

1000mm x 1000mm x 100mm

DIRECTION OF POLARITY

100mm

10mm

[illegible]

- ITEM 3 - GROUND FILING OPTION 1, SURFACE MOUNT, FARMING - 14
- ITEM 4 - GROUND FILING OPTION 2, AIR DEFENSE AND/OR BOM - 14
- ITEM 5 - GROUND FILING OPTION 3, FLEET CONTROL AND/OR BAR - 12
- ITEM 6 - BRIDGES CONCRETE FOUNDATION OR
SHIELDING SETTING CONCRETE (eg. GRADE CEMENT)
- ITEM 7 - SUPPORT BODY
CAN BE ANYTHING USED TO SUPPORT BRIDGES
IS SUPPORTED AT THE CORNER HEIGHT OF 15

- INSURE THAT ANY SURFACE FACTS REMAINS EXPOSING PERFECT.
- FOR OPTION 1, SURFACE MOUNT TOWER.

A HOLE IS TO BE DRILLED FOR SURFACE MOUNT TOWER AND SURVEY STATION 170mm FROM TOP OF THE FOOTING. EXCAVATE THE HOLES AND LOCATED AT LEAST 100mm FROM EDGE OF THE CONCRETE FOUNDATION.

BE REMEMBERING THAT THE HOLES ARE ON EXISTING SOUND CONCRETE FOUNDATION. PRIOR TO START EXCAVATING THE SITE WITH ANOTHER SETTING OUTS (E.G. GRADE STAKE) BUT SURVEY INSTALLATION. PRELIMINARY DOUBTS OF ASSISTED FROM A SAFE SURFACE.

AVOID CONTACT WITH OR INTERFERENCE WITH ALL SERVICES WITHIN THE 1.00m RADIUS OF THE TOWER.

[illegible]

- OPTIONAL PARTS:
- TOPICS AVAILABLE FOR THE PROJECT:
 - how can we make a good computer game?
 - what are some of the things that make a good computer game?
 - how can we make a good computer game?
 - how can we make a good computer game?
- SERIES ARE AVAILABLE: BONUS INCLUDE
 - BONUS CATEGORIES & REWARDS IS A SERIES
 - BONUS CATEGORIES
 - BONUS CATEGORIES
 - BONUS CATEGORIES

- SURFACE AREA OF CONCRETE PANELS:
 - FRONT: 111.72 SQ. METERS (1200')
 SINGLE SIDE: 24.32 SQ. METERS
 - OPTIONAL SECOND SIDE: 48.65 SQ. METERS
- SURFACE AREA OF SIGNAGE: 10.50 SQ. METERS
- ALL OF THE ABOVE MATERIALS SUBMITTED FOR QUOTE IN THE AS REQUESTED IN ITEM #4 OF THE NATIONAL SPECIFICATIONS FOR STREET FURNITURE AND SIGNS. MATERIALS USED ON OUR PROJECTS MEET THE REQUIREMENTS OF ALL MAJOR ROAD SIGNS AND MARKINGS. WE OFFER AND MAINTAIN A FULL RANGE OF SIGNAGE AND MARKINGS TO MEET THE REQUIREMENTS OF THE NATIONAL SPECIFICATIONS FOR STREET FURNITURE AND SIGNS.

PROJECT No	 Glasdon Contract Management Division 10000 Highway 104, Suite 100 Houston, Texas 77036 Tel: 281-465-1100 Fax: 281-465-1101 E-Mail: info@glasdon.com
DATE	PROJECT NO: 00000-00
06/01/13	PROJECT NO: 00000-00

37/9670

37 | 9670





SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK. THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF:

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2. ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.

CONSIDERATIONS

1. EXISTING UTILITIES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
2. CONSIDERATION GIVEN TO NOISE LEVELS GIVEN PROXIMITY TO EXISTING PROPERTIES.
3. CONSIDERATION GIVEN TO GROUND CONDITIONS.
4. REFERENCE TO RELEVANT GEO TECHNICAL REPORT PRIOR TO UNDERTAKEN EXCAVATION WORKS.

WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

REV	DETAILS	DRAWN	CHECKED	DATE	NOTES	APPLICABLE	SUBJECT TO APPROVAL			QUARTZ PROJECT SERVICES			  		
A	WIDE RANGING AMENDMENTS TO ADDRESS HCC DESIGN AUDIT REPORT	RT	PV	09.12.21	1. DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE 2. BASED ON TOPOGRAHICAL SURVEYS BY SURVEYBASE LTD, DATED NOV-20 AND GREENHATCH SURVEYS DATED AUG-21	11. THE PRESENCE OF LIVE UTILITY EQUIPMENT SHOULD BE VERIFIED BY THE CONTRACTOR ON SITE PRIOR TO STARTING ANY WORK. THE LOCATION OF ANY UTILITY PLANS IS INDICATIVE ONLY AND SHOULD NOT BE RELIED UPON FOR THE LOCATION OF ANY PIPEWORK OR CABLEING. THE CONTRACTOR SHOULD CONFIRM THE LOCATION OF ALL UTILITY ASSETS BY HAND DUG TRIAL TRENCHES PRIOR TO COMMENCING ANY WORKS. ALLOWANCE FOR THE PRESENCE OF ALL APPROPRIATE UTILITY PROTECTION/DEVIATION MEASURES IS TO BE PUT IN PLACE BY THE CONTRACTOR (UNLESS STATED OTHERWISE)	CONSTRUCTION DETAILS			NEW LANE, HAVANT			1:250 @ A1 OR AS SHOWN VD21513-DR-0701		
B	MINOR AMENDMENTS TO ADDRESS HCC SECONDARY DESIGN AUDIT REPORT	TW	PV	19.01.22	3. THE LOCAL AUTHORITY IS HAMPSHIRE COUNTY COUNCIL (HCC) 4. LAYOUTS DEVELOPED FROM PLANNING DRAWINGS 205452/PD01-D AND 205452/PD13-A 5. ROAD SPEED 30mph 6. TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS DRAWINGS 7. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS 8. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PRIOR PERMISSION FROM THE ENGINEER 9. ALL STATUTORY CONSENTS, OPENING NOTICES ETC, AS REQUIRED UNDER HIGHWAYS AND WATER INDUSTRY ACTS, ARE TO BE OBTAINED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORKS (UNLESS OTHERWISE STATED) 10. ALL WORKS ARE TO BE SUSCEPTIBLE TO THE LOCAL AUTHORITY, NHBC OR STATUTORY AUTHORITY AS APPLICABLE	12. HIGHWAY BOUNDARIES ARE BASED ON BEST POSSIBLE TRACES FROM SCC RECORDS. 13. THIS DRAWING IS SUBJECT TO TECHNICAL APPROVAL BY MCC 14. WHERE SHOWN, DETAILS WITHIN THE HCC FRAME ARE PROVIDED BY HCC, ALL RIGHTS RESERVED									
							KGS	PW	16.8.21				B		

SCHEDULE 2

Terms and Conditions of Works

The Works shall be carried out in accordance with the following terms and conditions:

1. The Works shall not be commenced until:
 - 1.1. Detailed design drawings, specification, Programme, Method Statement and traffic management measures have been prepared by the Developer and approved by the County Council in writing.
 - 1.2. The Developer has demonstrated to the satisfaction of the County Council how it will comply with the Code of Practice for the Co-ordination of Street Works for Road Purposes and Related Matters 1992 and has submitted to the County Council a Management Plan and such Management Plan has been approved in writing by the County Council.
 - 1.3. Where the estimated value of the contract for the works equals or exceeds the threshold provided in Regulation 5(1) of the Public Contracts Regulations 2015 (as amended from time to time) tenders shall have been invited under the Open Procedure and copies of the Contract Award Notice, independent financial tender and evaluation report justifying the selection of the economic operator in accordance with Regulation 58 has been submitted to the County Council
 - 1.4. The Developer has:-
 - 1.4.1 Obtained any necessary licences and given any necessary notices pursuant to the New Roads and Street Works Act 1991; and
 - 1.4.2 Obtained any necessary consents and permissions from any railway canal, inland navigation, dock or harbour undertakers or any other party or organisation where the consent or permission of the undertaker, party or organisation is required for the Works to be lawfully undertaken and completed

- 1.5. Where in accordance with Regulation 4(8) of the CDM Regulations the Works are notifiable the Developer as the only client has provided to the County Council:-
 - 1.5.1 a copy of the notice to be served under Reg 6(2) of the CDM Regulations and a copy of the Notification of Project (form HSE10) to the HSE
 - 1.5.2. confirmation that duties under Reg 4(4) and 4(5) of the CDM Regulations are being carried out
- 1.6. Where in accordance with Regulation 5(1) of the CDM Regulations there is more than one contractor or it is foreseeable that there will be more than one contractor the Developer as the only client shall provide to the County Council written details of the principal designer and the principal contractor who will undertake these roles during the construction phase of the works
- 1.7. The Developer has paid all sums due prior to commencement of the Works pursuant to Clause 8
- 1.8. The original insurance policy and receipts referred to in Clause 6.5 or copies thereof certified by a solicitor have been produced
- 1.9. A noise survey and assessment in respect of the Works has been undertaken by a competent noise expert in accordance with the advice and instruction contained in the technical memorandum entitled '*Calculation of Road Traffic Noise*' published June 1988 by the TSO as may be amended from time to time and a copy of the survey and assessment has been submitted to the County Council and all and any requirements arising therefrom have been undertaken by the Developer at its own expense
- 1.10. The Developer has provided in writing to the satisfaction of the County Council measures to ensure the highway remains adequately lit at all times during the works and supply temporary lighting when required

- 1.11. The Developer has submitted to the County Council and the County Council has approved a Highway Condition Survey
 - 1.12 the Developer has prepared for the County Council with regard to any Structures detailed contract drawings for technical approval in accordance with the relevant section of the Design Manual for Roads and Bridges (CG 300 Technical approval of highway structures) Technical Approval of Highways Structures and the HMMP or any amendment/replacement thereof
2. The Developer shall ensure that the structure design and checking procedure for any Structure is carried out by a Chartered Engineer familiar with Department for Transport Standards who shall state on "Form AIP" or any amendment/replacement thereof the documents which will be applicable and which will need to be agreed. The procedure document HMMP applicable to highway structures shall be obtained from the County Council before details are submitted for approval
3. The Developer shall notify the County Council as follows:
 - 3.1. In accordance with the provisions of the Hampshire County Permit Scheme
 - 3.2. At least 24 hours prior to the commencement of each and every stage of excavation and construction operations associated with highway structures
4. At least 3 months prior to commencement of the Works the Developer shall give notice to each statutory undertaker for the time being of any service(s) which may be affected by the Works of the proposal to carry out the Works or which might be required in consequence of the Works and shall place orders and pay any costs to all statutory undertakers for all works to their mains or services necessitated by the Works and shall relocate all street furniture affected to the satisfaction of the County Council
5. The Works shall be signed and protected to at least the standards of the Traffic Signs Manual Chapter 8 2nd Edition published by TSO in

and the Safety at Street Works and Road Work A Code of Practice published by Department of Transport and the proposed arrangements shall be approved in writing by the County Council before the Works commence

6. The Works shall be constructed:
 - 6.1 Under the terms of a Construction Contract, unless agreed otherwise by the County Council
 - 6.2 Under the direction and instructions of a Competent Engineer. The Competent Engineer shall be authorised to issue instructions to the Contractor in the normal execution of duties under the Construction Contract;
 - 6.3 In accordance with the Specification, detailed contract drawings and programme, prepared in accordance with the Guidance notes, unless any changes to the Works are agreed by the County Council during the course of construction. The Competent Engineer shall be responsible for negotiating, agreeing and implementing any required changes;
- 7 During the progress of the Works the County Council shall have free access to every part of the Works to inspect the same as they proceed and all materials used or intended to be used therein and the Developer shall give effect to any reasonable requirements made or reasonable direction given by the County Council to conform to the approved detailed contract drawings the Specification and the Programme
- 8 The Developer shall not cover up any works without the approval of the County Council and shall afford full opportunity for it to examine and measure any work which is about to be covered up and to examine foundations before permanent work is placed thereon and shall give at least three (3) working days' notice to the County Council whenever any such work or foundations is or are ready for examination
- 9 The County Council shall have power in its reasonable discretion to test or require the testing of materials plant and workmanship used or proposed to be used in the Works and to reject any materials plant or

workmanship so tested which it may reasonably find to be not in accordance with the approved detailed contract drawings and the Specification

- 10 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 design drawings and Specification.
- 11 Immediately prior to the issue of the Certificate of Completion and (also if required by the County Council prior to issue of the Certificate of Maintenance) on site road safety audits in accordance with the relevant section of the Design Manual for Roads and Bridges (GG 119 Road safety audit) and Hampshire County Councils Technical Guidance Note TG18 shall be carried out by the Developer in the presence of the County Council and arising therefrom the County Council shall be at liberty to require such alterations to the approved detailed contract drawings and to the Works at the expense of the Developer as may be reasonably required to ensure the safety of users of the highway
- 12 The Works shall be completed to the satisfaction of the County Council in accordance with the timescale specified in the Programme or any variation thereof agreed by the County Council
- 13 To protect the County Council's legitimate interest as Highway Authority and the effective operation of the public highway, should the Works not be completed to the satisfaction of the County Council in accordance with the timescale specified in the Programme; the Developer shall, if required by the County Council (acting reasonably), pay to the County Council on demand a sum proportionate the disruption caused to the public highway by the delayed works of up to £2,000 as stipulated by the County Council (acting reasonably) per Working Day for each day the Works continue on the public highway past the timescale specified in the Programme or any other fines associated with non-compliance with Hampshire County Permit Scheme (Refer to Technical Guidance Note TG22) Provided That this Clause shall not apply in respect of any disruption which is caused by

the negligence of the County Council or the breach by the County Council of a term of this agreement.

- 14 The Developer shall 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 overground or underground equipment without the consent in writing of the County Council
- 15 The Developer shall fully maintain the Works for the Maintenance Period and shall make good any defects or damage which may arise or be discovered during such period
- 16 The Developer shall provide the County Council with the following
 - 16.1 Prior to issue of the Certificate of Completion
 - 16.1.1 CCTV Drain Survey together with details of gully manhole and catchpit locations in an agreed GPS format; and
 - 16.1.2 an up-to-date Electrical Installation Certificate and schedule of test results in respect of any street lighting in accordance with BS7671 or any amendment/replacement thereof and which certificate shall be signed by a competent person in accordance with Appendix 6 of the BS7671 in a format approved by the County Council; and
 - 16.1.3 written confirmation from the Developer that the street lighting apparatus complies with the 'Accrual Required Standards' issued by the County Council pursuant to the Hampshire Street Lighting PFI Contract
 - 16.1.4 in respect of highway structures a maintenance manual to include suitable scale electronic data sets and paper sets (if required) of "as built" drawings soil reports records of materials tested Health and Safety file and revised forms AIP and associated certificates

- 16.1.5 accurate 1:500 scale of "as built" drawings supplied dwg format (packaged with any associated cross references) and PDF format
- 16.1.6 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
- 16.1.7 records of the sources of supply of all other manufactured materials (e.g. drainage goods fencing materials traffic signs electrical components and cables etc)

SCHEDULE 3**Commuted Sums**

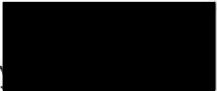
Item	Years (from the date of this Agreement to the date of the Certificate of Completion		Unit/Basis for Calculation	Notes
	0 to 2	>2		
	Unit Rate A	Unit Rate B		
Unusual paving, surfacing and HFS				
HFS	£34.00	Unit Rate A + interest adjustment for inflation*	per m²	One-off replacement cost
Block paving 80mm on sand and sub-base in carriageway	£72.00	Unit Rate A + interest adjustment for inflation*	per m²	One-off replacement cost
Block paving 80mm on resin and concrete in carriageway	£108.00	Unit Rate A + interest adjustment for inflation*	per m²	One-off replacement cost
Block paving 60mm on sand and sub-base in Footway	£61.00	Unit Rate A + interest adjustment for inflation*	per m²	One-off replacement cost
Traffic signals including Controlled Crossing				
Traffic signals including controlled crossings and auxiliary apparatus, CCTV	20% of works cost [Insert Cost if applicable]	Unit Rate A + interest adjustment for inflation*		Rate should include TM costs
Illuminated Signs				
Illuminated signs	£2,100.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Decorative – Non-Standard Lighting				
Decorative non-standard lighting < 6m	£3,060.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Decorative non-standard lighting > 6m	£3,320.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Street Furniture				
Bus Stop (Poles and Flags) ONLY	£800.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Pedestrian Guardrail	£60.00	Unit Rate A + interest adjustment for inflation*	per /lm	One-off replacement cost
Cycle Rack (All Types)	£500.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost

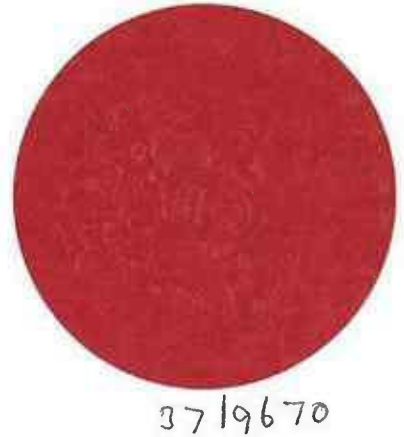
Item	Years (from the date of this Agreement to the date of the Certificate of Completion)		Unit/Basis for Calculation	Notes
	0 to 2	>2		
	Unit Rate A	Unit Rate B		
Seating and Benches	£1,000.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Bollards (Dragons Teeth)	£60.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Bollard (Plastic Socketed)	£370.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Bollards (Concrete)	£300.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Bus Shelters, Including Passenger Information and Variable Message Signs				
Bus shelters, including passenger information and variable message signs	£12,500.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Bus Shelter	£2,800.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Structures Including Culverts Over 900 Diameters, Head Walls and Retaining Walls				
Structures (including culverts 900 mm diameter or over), head walls and any retaining features	20% of works cost [Insert Rate if applicable]	Unit Rate A + interest adjustment for inflation*		Rates should include TM and should be confirmed with the QS team if there are any concerns.
Trees – New				
Trees - new	£780.00	Unit Rate A + interest adjustment for inflation*	per tree	
Trees – Existing				
Trees (Semi Mature)	£1,100.00	Unit Rate A + interest adjustment for inflation*	per tree	
Trees (Mature)	£1,900.00	Unit Rate A + interest adjustment for inflation*	per tree	
Landscaping				
Shrub Beds	£20.00	Unit Rate A + interest adjustment for inflation*	m ²	Based on maintenance cost over 25 years.
Verge (Grass)	£37.00	Unit Rate A + interest adjustment for inflation*	m ²	Based on maintenance cost over 25 years.

Item	Years (from the date of this Agreement to the date of the Certificate of Completion		Unit/Basis for Calculation	Notes
	0 to 2	>2		
	Unit Rate A	Unit Rate B		
Soakaways				
Soakaways ≤5m³	£4,400.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost.
Soakaways >5m³	£4,400.00 + £900 per m³	Unit Rate A + interest adjustment for inflation*	m³	One off replacement cost
Hydrobrakes				
Vortex Flow Control	£8,000.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Petrol Interceptor				
Petrol interceptor ≤8m³	£15,000.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Petrol Interceptor >8m³	£30,000.00	Unit Rate A + interest adjustment for inflation*	per item	One-off replacement cost
Pebble Drains and Linear Ditches				
Pebble drains and linear ditches	£163.00	Unit Rate A + interest adjustment for inflation*	per/lm	Replacement and maintenance cost
Water attenuation systems Sustainable Drainage Systems (SuDS)	[Insert Rate if Applicable]		Per item	Replacement and maintenance cost

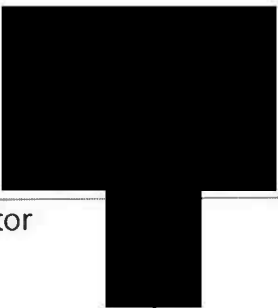
IN WITNESS whereof the parties hereto have executed this document as a
Deed delivered the day and year first before written

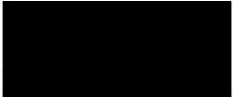
EXECUTED as a DEED by affixing the)
COMMON SEAL of **HAMPSHIRE**)
COUNTY COUNCIL in the presence of:-)

Authorised Signatory 
Name **ADRIAN SWEN**
Position **Authorised
Signatory**



**EXECUTED as a DEED by
HAVANT PROPERTY
INVESTMENT LLP**
acting by a director in the
presence of:


Director

Witness' Signature: 

Witness' Name: **IVETA GRAZULE**

Witness' Address: 