



Document No. NRE9.3

Proof of Evidence – Planning Appendices (Mr John Pearson)

(Inquiries Procedure (England & Wales) Rules 2004

January 2022

The Network Rail (Cambridge South Infrastructure Enhancement) Order
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APPENDIX A. SCHEDULE OF THE REVISED DRAFT CONDITIONS

SCHEDULE 1: Proposed Planning Conditions to be Attached to Deemed Planning Permission

Interpretation

In the following conditions—

- a) “the Order” means The Network Rail (Cambridge South Infrastructure Enhancements) Order 2021;
- b) “the development” means the development authorised by the Order and this Direction under deemed planning permission.
- c) “the Code of Construction Practice (Part B)” means the code of construction practice to be submitted to and approved by the local planning authority under condition 10(b) (Code of Construction Practice);
- d) “the Environmental Statement” means the Environmental Statement that accompanied the application for the Order;
- e) “the Flood Risk Assessment” means the flood risk assessment prepared by Arcadis dated May 2021, as submitted in the Environmental Statement;
- f) “the local planning authority” means Cambridge City Council or South Cambridgeshire District Council, as the context requires;
- g) “the planning drawings” means the drawings listed in Part 1 of Schedule 2 to the request for deemed planning permission;
- h) “parameter plans” means the parameter plans listed in Part 2 of Schedule 2 to the request for deemed planning permission.

No.	Subject	Proposed Wording
1.	Time for commencement	The development hereby permitted must commence before the expiration of 5 years from the date on which the Order comes into force. Reason: To ensure that the development is commenced within a reasonable period of time.
2.	Accordance with drawings	The development must be carried out in accordance with the planning drawings. Reason: To ensure compliance with the approved plans and for the avoidance of doubt.
3.	Accordance with Design Principles	The development must be carried out in accordance with the Design Principles scheduled in approved Cambridge South Design Principles (Appendix A of the Design and Access Statement 158454-ARC-ZZ-ZZZ-REP-EAR-0000
4.	Changes	Where under any of these conditions the approval, agreement or consent of the local planning authority is required to any matter, that approval, agreement or consent must be given in writing. The development must be implemented in accordance with any such approval, agreement or consent, or any subsequent revisions that have been submitted to, and approved by, the local planning authority. Reason: To provide for certainty in the approvals and implementation processes.

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No.	Subject	Proposed Wording
5.	Phasing Plan	<p>No development shall commence (including demolition) until a Phasing Plan for the development hereby permitted has been submitted to and approved in writing by the local planning authority. The Phasing Plan must include a proposed sequence for the proposed works including the following elements:</p> <ul style="list-style-type: none"> (i) Enabling works e.g. archaeology and site investigations (ii) Cambridge South station; (iii) Alterations to Webster's Footbridge; (iv) Accommodation bridge over Hobson's Brook; (v) Railway Systems Compound; (vi) Landscaping; and (vii) Any other building/structure or alteration to an existing building/structure for which details of scale and external appearance were not provided as part of the request for the planning direction. <p>The phasing plan shall identify:</p> <ul style="list-style-type: none"> a) any phases of development to which planning conditions 6, 7, 8, 10, 11, 12, [BNG condition number], 13, 26, 29 or [AMS & TPP condition number] will not apply, and in each of those conditions a 'Specified Phase' means any phase of the development for which the approved Phasing Plan specifies that the relevant condition will not apply. b) Indicative duration of works for each area including when areas of open space used temporarily for construction can be made available to the public. <p>The development shall only be carried out in accordance with the approved details submitted.</p> <p>Reason: To clarify how the works are to be phased to assist with the determination of discharge of conditions</p>
6.	Submission of preliminary contamination assessment	<p>Prior to the commencement of each phase of the development (other than a Specified Phase) a site investigation strategy for that phase setting out the location and details of the site investigations to be carried out -to effectively determine the nature and extent of any contamination, including soil, gas and/or water to inform the remediation strategy shall be submitted to and approved in writing by the local planning authority.</p> <p>The site investigation strategy will be based on the information identified in the desk study undertaken to support Chapter 12 of the Environmental Statement (doc NR16).</p> <p>The site investigations shall be undertaken in accordance with the Site investigation strategy approved in writing by the relevant planning authority.</p> <p>Reason: To mitigate anticipated construction impacts arising from the development and to ensure that the development does not adversely affect human health or the environment during and following construction.</p>

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No.	Subject	Proposed Wording
7.	Submission of site investigation report and remediation strategy	<p>Prior to undertaking any excavations with the exception of works agreed under conditions 6 (site investigations) and 11 (Archaeology) or phases identified under condition 5 the following shall be submitted to and approved in writing by the local planning authority:</p> <p>(a) A site investigation report detailing the findings of the site investigations carried out under Condition 6 to determine the nature and extent of any contamination, including the results of the soil, gas and/or water analysis and subsequent risk assessment to any receptors.</p> <p>(b) A proposed remediation strategy detailing the works required in order to address unacceptable risks from the identified contamination given the proposed end use of the site and surrounding environment including any controlled waters.</p> <p>The strategy shall include a schedule of the proposed remedial works setting out a timetable for all remedial measures that will be implemented</p> <p>The works shall be undertaken in accordance with the approved Remediation Strategy approved in writing by the relevant planning authority.</p> <p>Reason: To mitigate anticipated construction impacts arising from the development and to ensure that the development does not adversely affect humans or the environment during and following construction</p>
8.	Implementation and completion of remediation strategy works	<p>Prior to the first occupation of land under any phase of the development (other than a Specified Phase) the following shall be submitted to and approved in writing by the local planning authority:</p> <p>(a) a completion report demonstrating that the approved remediation scheme as required by condition 7 has been undertaken and that the land has been remediated to a standard appropriate for the end use; and</p> <p>(b) details of any post-remedial sampling and analysis (as defined in the approved Material Management Plan submitted under the Code of Construction Practice Part B) shall be included in the completion report along with all information concerning materials brought onto, used in, and removed from the development.</p> <p>The information provided must demonstrate that the site has met the required clean-up criteria set out in the remediation strategy.</p> <p>Reason: To mitigate anticipated construction impacts arising from the development and to ensure that the development does not adversely affect humans or the environment during and following construction.</p>
9.	Unexpected contamination	<p>If unexpected contamination is encountered whilst undertaking the development which has not previously been identified, works shall immediately cease in the contaminated area until the local planning authority has been notified and a remediation strategy including details of any further site investigations required to address unexpected contamination the has been approved following steps (a) and (b) of condition 7 above.</p> <p>The approved remediation shall then be fully implemented under condition 7.</p> <p>Reason: To mitigate anticipated construction impacts arising from the development and to ensure that the development does not adversely affect humans or the environment during and following construction.</p>

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No.	Subject	Proposed Wording
10.	Code of Construction Practice	<p>(a) The development must be carried out in accordance with the provisions of the Code of Construction Practice (Part A) contained in the Environmental Statement (Volume 3: Appendix 2.4) unless amended through the CoCP Part B.</p> <p>(b) Other than in relation to a Specified Phase no development or phase thereof is to commence until a Code of Construction Practice (Part B) has been submitted to and approved by the local planning authority for that phase of work</p> <p>The Code of Construction Practice (Part B) shall include the following documents other than in relation to a Specified Phase:</p> <ol style="list-style-type: none"> 1) Flood Emergency Response Plan 2) Emergency and Incident Response Plan 3) Dust management Plan 4) Construction Logistics Plan 5) Construction Travel Plan 6) Construction Traffic Management Plan 7) Site Waste Management Plan 8) Materials Management Plan (Includes storage of excavated material) 9) Lighting Management Plan 10) Pollution Control Plan 11) Carbon Efficiency Plan 12) Noise and Vibration Management Plan <p>Reason: To mitigate anticipated construction impacts arising from the development and to protect local and residential amenity.</p>
11.	Archaeological mitigation, investigation and evaluation	<p>No development [or phase thereof] other than a Specified Phase shall commence until the implementation of a programme of archaeological investigations [for that phase] has been undertaken in accordance with a written scheme of investigation which has been submitted to and approved by the local planning authority. The approved scheme shall be implemented in full including any post development requirements, e.g. archiving and submission of final reports.</p> <p>Reason: To ensure that the archaeological investigation is initiated at an appropriate point in development procedure.</p>

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No.	Subject	Proposed Wording
12.	Construction Ecological Method Statement (EMS)	<p>No development [or phase thereof] other than a Specified Phase shall commence until an Ecological Method Statement (EMS) [for that phase] addressing protection, enhancement, mitigation and compensation during construction has been submitted and approved in writing by the local planning authority. The EMS shall include the following:</p> <p>(a) Review of site potential and constraints, based on species surveys and operational limitations of the site.</p> <p>(b) Detailed design(s) and/or working method(s) to achieve stated objectives, including:</p> <ul style="list-style-type: none"> i. Risk assessment of potentially damaging construction activities. ii. Identification of “biodiversity protection zones”. iii. Practical measures (both physical measures and sensitive working practices) to avoid or reduce impacts during construction (may be provided as a set of method statements). iv. The location and timings of sensitive works to avoid harm to biodiversity features. v. The times during construction when specialist ecologists need to be present on site to oversee works. vi. Responsible persons and lines of communication. vii. The role and responsibilities on site of an ecological clerk of works (ECoW) or similarly competent person. viii. Use of protective fences, exclusion barriers and warning signs if applicable (Excluding Trees). <p>(c) Extent and location/area of proposed works on appropriate scale maps and plans.</p> <p>(d) Details of monitoring and remedial measures, including timetable for submission to local planning authority.</p> <p>The strategy shall also set out (where the results from monitoring show that conservation aims and objectives of the EMS are not being met) contingencies and/or remedial action will be identified, agreed and implemented so that the development still delivers the fully functioning biodiversity objectives of the originally approved development. The EMS shall be implemented and maintained in accordance with the approved details.</p> <p>Reason: To ensure that the development does not adversely affect the natural wildlife and ecology of the area.</p>
13.	Biodiversity Net gain	<p>No development or phase thereof (other than a Specified Phase) shall commence until a Biodiversity Net Gain (BNG) report, demonstrating BNG best practice and minimum 10% BNG (to include DEFRA metric V2 calculations and assumptions made) has been submitted to and approved in writing by the local planning authority.</p>

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No.	Subject	Proposed Wording
14.	Surface water drainage Strategy - Construction	<p>No development (or phase thereof) except for site investigations, works to trees, demolition or works under any Specified Phase shall commence until details of measures indicating how additional surface water run-off from the site will be avoided during the construction works have been submitted to and approved in writing by the Local Planning Authority.</p> <p>The applicant may be required to provide collection, balancing and/or settlement systems for these flows. This should include the maintenance proposals during construction. The approved measures and systems shall be brought into operation before any works to create buildings or hard surfaces commence.</p> <p>The scheme shall subsequently be implemented in accordance with the approved details prior to the occupation of the respective phase of the development or in accordance with the implementation programme agreed in writing with the local planning authority.</p> <p>Reason: To ensure appropriate surface water drainage and to prevent the increased risk of flooding.</p>
15.	Surface water drainage Strategy operation	<p>No development (or phase thereof) except for site investigations, works to trees, demolition or works under any Specified Phase shall commence until a surface water drainage scheme (for that phase), based on sustainable drainage principles and principles within section 6 of the Flood Risk Assessment, has been submitted to and approved in writing by the local planning authority. The scheme shall include where appropriate:</p> <p>(a) Full calculations detailing the existing surface water runoff rates for the QBAR, 3.3% Annual Exceedance Probability (AEP) (1 in 30) and 1% AEP (1 in 100) storm events.</p> <p>(b) Full results of the proposed drainage system modelling in the above-referenced storm events (as well as 1% AEP plus climate change) , inclusive of all collection, conveyance, storage, flow control and disposal elements and including an allowance for urban creep, together with an assessment of system performance.</p> <p>(c) Site Investigation and test results to confirm infiltration rates.</p> <p>(d) Details of overland flood flow routes in the event of system exceedance, with demonstration that such flows can be appropriately managed on site without increasing flood risk to occupants.</p> <p>(e) Details of the maintenance/adoption of the surface water drainage system.</p> <p>The scheme shall subsequently be implemented in accordance with the approved details prior to the occupation of the respective phase of the development or in accordance with the implementation programme agreed in writing with the local planning authority.</p> <p>Reason: To ensure appropriate surface water drainage and to prevent the increased risk of flooding.</p>

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No.	Subject	Proposed Wording
16.	Surface water drainage scheme	<p>No development (or phase thereof) except for site investigations, works to trees, demolition or works under any Specified Phase shall commence until a surface water drainage scheme (for that phase), based on the surface water drainage strategy, has been submitted to and approved in writing by the local planning authority. The scheme shall include where appropriate:</p> <p>(a) Detailed drawings of the entire proposed surface water drainage system, including levels, gradients, dimensions and pipe reference numbers. (b) Details of the proposed attenuation and flow control measures. (c) Measures taken to prevent pollution of the receiving groundwater and/or surface water. (d) Full details of culvert extension appropriately sized to convey the existing channel modelled flow.</p> <p>The scheme shall subsequently be implemented in accordance with the approved details prior to the occupation of the respective phase of the development or in accordance with the implementation programme agreed in writing with the local planning authority. Reason: To ensure appropriate surface water drainage and to prevent the increased risk of flooding.</p>
17.	Detailed design approval: Cambridge South station	<p>No development relating to the construction of Cambridge South station shall commence until full details of the scale, massing and external appearance, including details of floor plans, biodiverse roof, elevations, and long sections of the development has been submitted to, and approved by, the local planning authority. This must be in accordance with the parameter plans, and shall be submitted with a Design Compliance Statement demonstrating compliance with the relevant Cambridge South Design Principles (Appendix A of the Design and Access Statement 158454-ARC-ZZ-ZZZ-REP-EAR-00000). The submitted scale details must include plans at a minimum scale of 1:250, and elevations at a minimum scale of 1:100. Reason: To enable reasonable and proper control to be exercised over these aspects of the development</p>
18.	External Materials: Cambridge South Station	<p>No construction of any part of Cambridge South station that is intended to be externally visible on completion of the development shall commence until the following has been submitted to and approved in writing by the local planning authority. Development shall be carried out in accordance with the approved details.</p> <p>a) details of all the materials for the external surfaces of buildings to be used in the construction of the development b) a sample panel for relevant materials (including external brickwork) shall be submitted to and approved in writing by the local planning authority. The approved sample panel is to be retained on site for the duration of the works for comparative purposes, and works will take place only in accordance with approved details. Reason: To ensure that the external appearance of the development does not detract from the character and appearance of the area (Cambridge Local Plan 2018 policies 55 and 57).</p>
19.	Roof Top Plant: Cambridge South Station	<p>Any roof mounted plant/equipment shall not be installed until details of the plant/equipment have been submitted to and approved in writing by the local planning authority. The details shall include the type, dimensions, materials, location, and means of fixing. The development shall be carried out in accordance with the approved details. Reason: To ensure that the external appearance of the development does not detract from the character and appearance of the area (Cambridge Local Plan 2018 policies 55 and 57).</p>

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No.	Subject	Proposed Wording
20.	Public Art: Cambridge South Station	<p>No development relating to the construction of Cambridge South station shall commence until a Public Art Delivery Plan (PADP) has been submitted to and approved in writing by the local planning authority. The PADP must include the following:</p> <ul style="list-style-type: none"> (a) Details of the public art and artist commission; (b) Details of how the public art will be delivered, including a timetable for delivery; (c) Details of the location of the proposed public art on the application site; (d) The proposed consultation to be undertaken; (e) Details of how the public art will be maintained; (f) How the public art would be decommissioned if not permanent; (g) How repairs would be carried out; and (h) How the public art would be replaced in the event that it is destroyed. <p>The approved PADP shall be fully implemented in accordance with the approved details and timetabling. Once in place, the public art shall not be moved or removed otherwise than in accordance with the approved maintenance arrangements</p> <p>Reason: To provide public art as a means of enhancing the development (Cambridge Local Plan policies 55 and 56 and the Cambridge City Council Public Art SPD (2010)).</p>
21.	Waste: Cambridge South Station	<p>No development relating to the construction of Cambridge South station shall commence until a scheme for the on-site storage facilities for commercial waste, including waste for recycling has been submitted to and approved in writing by the local planning authority. The approved scheme shall be carried out before the use is commenced and shall be retained as such.</p> <p>Reason: To ensure that the need for refuse and recycling is successfully integrated into the development.</p>
22.	Cycle Parking: Cambridge South Station	<p>Cambridge South station shall not be brought into use until cycle parking for station users has been installed and made operational in accordance with details that have been submitted to and approved in writing by the local planning authority. The number of cycle parking shall be agreed by the local highways authority. The details shall include the type of stands, location and means of enclosure, and shall include a cycle parking management plan. The cycle parking shall be provided and maintained in accordance with the approved details.</p> <p>Reason: To ensure appropriate provision for the secure storage of bicycles (Cambridge Local Plan 2018 Policy 82).</p>
23.	BREEAM Pre-Assessment: Station Building	<p>No development relating to the station building shall commence until a BREEAM preassessment prepared by an accredited BREEAM Assessor has been submitted to, and approved by, the local planning authority indicating that the building is capable of achieving the applicable 'excellent' rating as a minimum, with maximum credits achieved for Wat 01.</p> <p>Reason: In the interests of reducing carbon dioxide emissions, ensuring efficient use of water and promoting principles of sustainable construction and efficient use of buildings (Cambridge Local Plan 2018 Policy 28 and the Greater Cambridge Sustainable Design and Construction SPD 2020).</p>

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No.	Subject	Proposed Wording
24.	BREEAM Design Stage Certification	<p>Within 6 months of commencement of development or Specified Phase, a BRE issued Design Stage Certificate shall be submitted to and approved in writing by the local planning authority demonstrating that BREEAM 'excellent' as a minimum will be met, with maximum credits for Wat 01 (water consumption). Where the Design Stage certificate shows a shortfall in credits for BREEAM 'excellent', a statement shall also be submitted identifying how the shortfall will be addressed. If such a rating is replaced by a comparable national measure of sustainability for building design, the equivalent level of measure shall be applicable to the development. Reason: In the interests of reducing carbon dioxide emissions and promoting principles of sustainable construction and efficient use of buildings (Cambridge Local Plan 2018 Policy 28 and the Greater Cambridge Sustainable Design and Construction SPD 2020).</p>
25.	BREEAM Post Construction Certification	<p>Within 6 months of occupation of Cambridge South station, a BRE issued post Construction Certificate shall be submitted to and approved in writing by the local planning authority, indicating that the approved BREEAM rating has been met. If such a rating is replaced by a comparable national measure of sustainability for building design, the equivalent level of measure shall be applicable to the proposed development. Reason: In the interests of reducing carbon dioxide emissions and promoting principles of sustainable construction and efficient use of buildings (Cambridge Local Plan 2018 Policy 28 and the Greater Cambridge Sustainable Design and Construction SPD 2020).</p>
26.	Detailed design approval: Other elements of the proposed development	<p>No development relating to the following elements of the development shall commence (or phase thereof) until full details of the scale and external appearance of the development concerned has been submitted to, and approved by, the local planning authority.</p> <ul style="list-style-type: none"> (a) Alterations to Webster's Footbridge. (b) Accommodation bridge over Hobson's Brook. (c) Railway Systems Compound Buildings and Structures. (d) Any other building/structure or alteration to an existing building/structure for which details of scale and external appearance were not provided as part of the request for the planning direction. Design details must be in accordance with the parameter plans. <p>The submitted scale details must include plans at a minimum scale of 1:250, and elevations at a minimum scale of 1:100 and details of external appearance shall include samples of materials to be used externally.</p> <p>Reason: To enable reasonable and proper control to be exercised over these aspects of the development.</p>
27.	Lighting Scheme	<p>No permanent artificial lighting shall be installed until a detailed artificial lighting scheme has been submitted to and approved in writing by the local planning authority. The lighting scheme shall meet the Obtrusive Light Limitations for Exterior Lighting Installations contained within the Institute of Lighting Professionals (ILP) 'Guidance Notes for the Reduction of Obtrusive Light - GN01/20 (2020)(or as superseded)'. Development shall be carried out only in accordance with the approved details. Reason: To protect the amenity of nearby residential properties (Cambridge Local Plan 2018 policy 34).</p>

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No.	Subject	Proposed Wording
28.	Soil Management Plan	<p>No development except for works to trees or any Specified Phase shall commence until a Soils Management Plan detailing protection of ground to be reinstated to open space, sustainable drainage or general landscape, methodology of soil stripping, storage, handling, haul routes, formation level decompaction measures, soil re-spreading and decompaction as well as soil/spoil disposal (if necessary). Development must be carried out in accordance with the approved details and in accordance with the recognised 'Construction Code of Practice for the Sustainable Use of Soils on Construction Sites' produced by DEFRA and Protecting and Enhancing Soils Policy Position Statement produced by Chartered Institute of Water and Environmental Management (CIWEM).</p> <p>Reason: To ensure that the details of the groundworks are acceptable (Cambridge Local Plan 2018; Policies 55, 57 and 59).</p>
29.	Hard and Soft Landscape	<p>No development except for those phases identified under condition 5 shall commence until details of a hard and soft landscape scheme have been submitted to and approved in writing by the local planning authority. This scheme must be in accordance with Parameter Plan 158454-ARC-ZZ-ZZ-DRG-LEP-000101, and shall be submitted with a Design Compliance Statement demonstrating compliance with the relevant Cambridge South Design Principles (Appendix A of the Design and Access Statement 158454-ARC-ZZ-ZZZ-REP-EAR-000000) . Details of the scheme must include:</p> <p>(a) proposed finished levels or contours including proposed grading and mounding of land areas including sections through the areas to show the proposed make-up of the mounding, the levels and contours to be formed and showing the relationship of proposed mounding to existing vegetation and surrounding landform and</p> <p>(b) details of post formation soil decompaction.</p> <p>(c) car parking layouts, other vehicle and pedestrian access and circulation areas; hard surfacing materials; tree pits, including those in planters, hard paving and soft landscaped areas, minor artefacts and structures (e.g. Street furniture, location of artwork, refuse or other storage units, signs, lighting, CCTV installations and water features); proposed (underground elements need to be coordinated with the landscape plans prior to be being installed) and existing functional services above and below ground (e.g. drainage, power, communications cables, pipelines indicating lines, manholes, supports);</p> <p>(d) planting plans: written specifications (including cultivation and other operations associated with plant and grass establishment); schedules of plants, noting species, plant sizes and proposed numbers/densities where appropriate and an implementation programme;</p> <p>(e) boundary treatments indicating the type, positions, design, and materials of boundary treatments to be erected; and</p> <p>(f) a landscape maintenance and management plan for proposed landscaped areas and green biodiverse roof, including long term design objectives, management responsibilities and maintenance schedules/programme for all landscape areas.</p> <p>(g) if within a period of five years from the date of the planting, or replacement planting, any tree or plant (except through an act of god or vandalism) is removed, uprooted or destroyed or dies, another tree or plant of the same species and size as that originally planted shall be planted at the same place as soon as is reasonably practicable, unless the local planning authority gives its written consent to any variation;</p> <p>Reason: In the interests of visual amenity and to ensure that suitable hard and soft landscape is provided as part of the development (Cambridge Local Plan 2018; Policies 55, 57 and 59).</p>

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No.	Subject	Proposed Wording
30.	Plant/machinery/ equipment (station building)	<p>No operational plant, machinery or equipment both internal and external shall be installed until a noise assessment demonstrating that the collective rating level (in accordance with BS4142:2014) from all plant, equipment and vents etc associated with the development (or phase there of) is less than or equal to the existing background sound level at the receptors reported in Chapter 5 of the Environmental Statement.</p> <p>Development shall be carried out and maintained only in accordance with the approved details.</p> <p>Reason: To protect the amenity of nearby properties (Cambridge Local Plan 2018 policy 35)</p>
31.	Platform Announcement Sound System	<p>No station and platform Public Address/Voice Alarm (PAVA) system shall be installed until a detailed design in accordance with BS 5839-8:2013 - Code of practice for the design, installation, commissioning and maintenance of voice alarm systems has been submitted to and approved in writing by the Local Planning Authority.</p> <p>The scheme shall include details regarding hours of operation, number and location of loudspeakers, proposed mitigation, sound power of loudspeakers and permissible noise levels with consideration of its use e.g. announcement or alarm, noise mitigation / limiting measures as appropriate, noise levels assessed against the existing background sound level at the receptors reported in Chapter 5 of the Environmental Statement and a programme of maintenance.</p> <p>Any public address/voice alarm sound system associated with the use of the approved development shall only be used for operational, health and safety, security and emergency announcements.</p> <p>The scheme shall be carried out as approved and retained a such.</p> <p>Reason: To protect the amenity of nearby properties (Cambridge Local Plan 2018 policy 35)</p>
32.	Electric Vehicle Charge Points	<p>No electrical services shall be installed within Cambridge South Station until an electric vehicle charge point scheme has been submitted to and approved in writing by the Local Planning Authority. The scheme shall include Passive provision comprising the necessary infrastructure including ducting and capacity in the station network and ability to connect to the local electricity distribution network to facilitate and enable the future installation and activation of additional active electric vehicle charge points as required.</p> <p>The passive provision for the electric vehicle charge points shall be designed to allow for future installed in accordance with BS EN 61851 or as superseded. The electric vehicle charge point scheme as approved shall be fully installed prior to the first use of the station and maintained and retained thereafter.</p> <p>Reason: In the interests of encouraging more sustainable modes and forms of transport and to reduce the impact of development on local air quality, in accordance with Policy 36 - Air Quality, Odour and Dust of the Cambridge Local Plan (2018) and with Cambridge City Council's adopted Air Quality Action Plan (2018).</p>

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No.	Subject	Proposed Wording
33.	Excavated Material	<p>No excavated material or other material shall be placed within public open space, including Hobson's Park, other than in accordance with the approved landscaping details or the approved details for temporary storage contained within the approved soil management plan.</p> <p>Reason: In the interests of amenity and biodiversity (Cambridge Local Plan 2018; Policies 55, 57, 59, 69 and 70).</p>
34.	Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP)	<p>No development (or phase thereof) other than a Specified Phase shall commence until a phased tree protection methodology in the form of an Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP) in accordance with BS5837 2012 has been submitted to and approved in writing by the local planning authority. The AMS and TPP will consider the following:</p> <ul style="list-style-type: none"> (i) all relevant phases of construction in relation to the potential impact on trees detail the proposed tree works (ii) the specification and position of protection barriers and ground protection and all measures to be taken for the protection of any trees from damage during the course of any relevant activity related to the development, (iii) management including supervision, access, site briefing attended by the site manager and retained arboricultural consultant, storage of materials, ground works, installation of services and landscaping. <p>Reason: To satisfy the Local Planning Authority that trees to be retained will be protected from damage during any construction activity, including demolition, in order to preserve arboricultural amenity in accordance with section 197 of the Town and Country Planning Act 1990 and Cambridge Local Plan 2018 Policy 71: Trees.</p>
35.	Arboricultural Method Statement (AMS) and Tree Protection Plan (TPP) implementation	<p>The approved tree protection methodology in the AMS and TPP will be implemented throughout the development and the agreed means of protection shall be retained on site until all equipment, and surplus materials have been removed from the site. Nothing shall be stored or placed in any area protected in accordance with approved tree protection plans, and the ground levels within those areas shall not be altered nor shall any excavation be made without the prior written approval of the local planning authority. If any tree shown to be retained is damaged, remedial works as may be specified in writing by the local planning authority will be carried out.</p> <p>Reason: To satisfy the Local Planning Authority that trees to be retained will not be damaged during any construction activity, in order to preserve arboricultural amenity in accordance with section 197 of the Town and Country Planning Act 1990 and Cambridge Local Plan 2018 Policy 71: Trees</p>
36.	Construction Replacement tree planting	<p>If any tree shown to be retained in tree protection methodology in the AMS and TPP is removed, uprooted, destroyed or dies as a result of the CSIE project construction within five years of project completion, another tree shall be planted at the same place and that tree shall be of such size and species, and shall be planted at such time, as may be approved in writing by the local planning authority. Any replacement tree that is lost within five years shall likewise be replaced.</p> <p>Reason: To satisfy the Local Planning Authority that remaining arboricultural amenity will be preserved in accordance with section 197 of the Town and Country Planning Act 1990 and Cambridge Local Plan 2018 Policy 71: Trees.</p>

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No.	Subject	Proposed Wording
37.	Pedestrian link beneath Cambridge Guided Busway	The new pedestrian link across the Cambridge Guided Busway between Hobson's Park and the Active Recreation Area shall be complete before the existing connection beneath the Cambridge Guided Busway is closed unless an alternative safe access across the Cambridge Guided Busway between Hobson's Park and the Active Recreation Area is submitted in accordance with a scheme approved by the local planning authority in writing. The works shall be completed in accordance with the approved details prior to the existing connection being closed. (See protective provisions)
38.	Footpaths & Cycleways	<p>1. Access into Hobson's Hobson's Park shall be maintained at all times from both Addenbrookes Road and the Trumpington Residential area. Where required temporary routes will be created to maintain connectivity around the new segregated pathway and cycle track (Work No.4) during its construction.</p> <p>2. National Cycle Network Route 11 in the vicinity of Shepreth Branch Junction shall not be closed until details of proposed closure including times of the closure and management of pedestrians and cyclists to facilitate access during the closure have been submitted to and approved in writing by the local planning authority. The closure shall be managed in accordance with the approved scheme.</p>

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Schedule 2. List of Deemed Planning Drawings

Part 1: Drawings for Approval

Title / Location	Drawing Description	Drawing Number
Cambridge South Station area	Deemed Planning Drawings - Proposed Plan - Sheet 1 of 5	158454-ARC-ZZ-ZZ-DRG-LEP-000051
	Deemed Planning Drawings - Proposed Plan - Sheet 2 of 5	158454-ARC-ZZ-ZZ-DRG-LEP-000052
	Deemed Planning Drawings - Proposed Plan - Sheet 3 of 5	158454-ARC-ZZ-ZZ-DRG-LEP-000053
	Deemed Planning Drawings - Proposed Plan - Sheet 4 of 5	158454-ARC-ZZ-ZZ-DRG-LEP-000054
Shepreth Branch Junction	Deemed Planning Drawings - Proposed Plan - Sheet 5 of 5	158454-ARC-ZZ-ZZ-DRG-LEP-000055
Cambridge South Station	Deemed Planning Drawings - Proposed Site Sections - Sheet 1 of 4	158454-ARC-ZZ-ZZ-DRG-LEP-000061
	Deemed Planning Drawings - Proposed Site Sections - Sheet 2 of 4	158454-ARC-ZZ-ZZ-DRG-LEP-000062
	Deemed Planning Drawings - Proposed Site Sections - Sheet 3 of 4	158454-ARC-ZZ-ZZ-DRG-LEP-000063
	Deemed Planning Drawings - Proposed Site Sections - Sheet 4 of 4	158454-ARC-ZZ-ZZ-DRG-LEP-000064
	Deemed Planning Drawings - Proposed Elevations	158454-ARC-ZZ-ZZ-DRG-LEP-000071

Part 2: Parameter plans

Title / Location	Drawing Description	Drawing Number
Cambridge South Station Parameter Plans	Deemed Planning Drawings - Parameter Plans - Access and Movement	158454-ARC-ZZ-ZZ-DRG-LEP-000100
	Deemed Planning Drawings - Parameter Plans - Land Use and Landscape	158454-ARC-ZZ-ZZ-DRG-LEP-000101
	Deemed Planning Drawings - Parameter Plans - Heights	158454-ARC-ZZ-ZZ-DRG-LEP-000102

APPENDIX B. RELEVANT DEVELOPMENT PLAN AND NATIONAL TRANSPORT POLICIES

B.1 Cambridge City Council Local Plan (2018)

B.1.1 The following is a list of the Cambridge City Council Local Plan policy relevant to the CSIE project.

Objectives 1 to 15

Policy 1 (The presumption in favour of sustainable development)

Policy 4 (Green Belt)

Policy 5 (Sustainable transport and infrastructure)

Policy 8 (Setting of the City)

Policy 14 (Areas of Major Change and Opportunity Areas – general principles)

Policy 17 (Cambridge Biomedical Campus (including Addenbrooke's Hospital) Area of Major Change)

Policy 18 (Southern Fringe Areas of Major Change)

Policy 28 (Carbon reduction, community energy networks, sustainable design and construction, and water use)

Policy 31 (Integrated water management and the water cycle)

Policy 32 (Flood Risk)

Policy 33 (Contaminated land)

Policy 34 (Light pollution control)

Policy 35 (Protection of human health and quality of life from noise and vibration)

Policy 36 (Air quality, odour and dust)

Policy 37 (Cambridge Airport Public Safety Zone and Air Safeguarding)

Policy 39 (Mullard Radio Astronomy Observatory, Lord's Bridge)

Policy 55 (Responding to context)

Policy 56 (Creating successful places)

Policy 57 (Designing new buildings)

Policy 59 (Designing landscape and the public realm)

Policy 60 (Tall buildings and the skyline in Cambridge)

Policy 61 (Conservation and enhancement of Cambridge's Historic environment)

Policy 67 (Protection of open space)

Policy 69 (Protection of sites of biodiversity and geodiversity)

Policy 70 (Protection of Priority Species and Habitats)

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Policy 71 (Trees)

Policy 80 (Supporting sustainable access to development)

Policy 81 (Mitigating the transport impact of development)

Policy 82 (Parking management)

Policy 85 (Infrastructure delivery, planning obligations and the Community Infrastructure Levy)

B.2 South Cambridgeshire Local Development Plan (2018)

B.2.1 The following is a list of the B.2 South Cambridgeshire Local Development Plan policy relevant to the CSIE project.

Policy S/2 (Objectives of the Local Plan)

Policy S/3 (Presumption in Favour of Sustainable Development)

Policy S/4 (Cambridge Green Belt)

Policy CC/1 (Mitigation and Adaptation to Climate Change)

Policy CC/4 (Water Efficiency)

Policy CC/6 (Construction Methods)

Policy CC/7 (Water Quality)

Policy CC/8 (Sustainable Drainage Systems)

Policy CC/9 (Managing Flood Risk)

Policy HQ/1 (Design Principles)

Policy HQ/2 (Public Art and New Development)

Policy NH/2 (Protecting and Enhancing Landscape Character)

Policy NH/3 (Protecting Agricultural Land)

Policy NH/4 (Biodiversity)

Policy NH/6 (Green Infrastructure)

Policy NH/8 (Mitigating the Impact of Development In and Adjoining the Green Belt)

Policy NH/13 (Important Countryside Frontage)

Policy NH/14 (Heritage Assets)

Policy E/2 (Cambridge Biomedical Campus Extension)

Policy SC/7 (Outdoor Play Space, Informal Open Space and New Developments)

Policy SC/9 (Lighting Proposals)

Policy SC/10 (Noise Pollution)

Policy SC/11 (Contaminated Land)

Policy SC/12 (Air Quality)

Policy TI/2 (Planning for Sustainable Travel)

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Policy TI/6 (Cambridge Airport Public Safety Zone)

Policy TI/7 (Lord's Bridge Radio Telescope)

B.3 Relevant National Transport Policy

Introduction

B.3.1 The following sets out details of the following national transport policy relevant to the CSIE project:

- (a) National Policy Statement for National Networks (2014) (Doc. Ref. D5)
- (b) Connecting people: a strategic vision for rail (DfT 2017) (Doc. Ref. D63)
- (c) Railways Act 2005 High Level Output Specification (HLOS) (2017) (Doc. Ref. B42)
- (d) Rail network enhancements pipeline (2019) (Doc. Ref. B43)
- (e) Decarbonising Transport (2021) (Doc. Ref. D27)

National Policy Statement for National Networks

B.3.2 The National Policy Statement for National Networks (NPS) was published in December 2014 and sets out the need for, and Government's policies to deliver, development of nationally significant infrastructure projects (NSIPs) on the national road and rail networks in England (Doc Ref D5). Whilst the proposed Development falls under the threshold for a rail-related NSIP as defined in the Planning Act 2008 (not involving the construction or alteration of a railway in England which includes a continuous stretch of track of more than 2km not on operational land), section 1.4 of the NPS states that:

'In England, this NPS may also be a material consideration in decision making on applications that fall under the Town and Country Planning Act 1990 or any successor legislation. Whether, and to what extent, this NPS is a material consideration, will be judged on a case by case basis.'

B.3.3 It is therefore the case that whilst the NPS is primarily to guide and inform NSIP applications, it does carry some weight in relation to the proposed Development. The rationale supporting the proposed works is for improvements to be delivered to parts of the national rail network, and should therefore be appraised accordingly. The NPS is also important to understanding the context of the Government's policy stance on rail infrastructure given the limited detail within the NPPF.

B.3.4 Section 2 of the NPS sets out the need for development of the national networks and details the Government's vision and strategic objectives:

'The Government will deliver national networks that meet the country's long-term needs; supporting a prosperous and competitive economy and improving overall quality of life, as part of a wider transport system. This means:

- Networks with the capacity and connectivity and resilience to support national and local economic activity and facilitate growth and create jobs.
- Networks which support and improve journey quality, reliability, and safety.

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- Networks which support the delivery of environmental goals and the move to a low carbon economy.
- Networks which join up our communities and link effectively to each other.'

B.3.5 Paragraph 2.2 explains that 'There is a critical need to improve the national networks to address road congestion and crowding on the railways to provide safe, expeditious and resilient networks that better support social and economic activity; and to provide a transport network that is capable of stimulating and supporting economic growth. Improvements may also be required to address the impact of the national networks on quality of life and environmental factors.'

B.3.6 Paragraph 2.4 goes on to mention the pressures the national networks are under, including a projected increase of 40% of journeys undertaken by rail and rail freight having the capacity to double by 2030.

B.3.7 Paragraph 2.6 states that improved transport links help to rebalance the economy.

B.3.8 Within paragraph 2.10 the NPS sets out an overarching statement that the Government concludes at a strategic level that there is a compelling need for the development of national networks.

B.3.9 The need for development of the national rail network is set out from paragraphs 2.28 – 2.41. These paragraphs identify the importance of the rail network as a vital part of the national transport infrastructure and for the growing demand for rail travel and future projected growth which together support the compelling need for developing the country's rail network.

B.3.10 Paragraph 2.29 presents the Government's vision for the Transport system in which railways must:

- 'offer a safe and reliable route to work;
- facilitate increases in both business and leisure travel;
- support regional and local public transport to connect communities with public services, with workplaces and with each other; and
- provide for the transport of freight across the country, and to and from ports, in order to help meet environmental goals and improve quality of life.'

B.3.11 Paragraph 2.37 highlights the need to improve the network:

'In the short to medium term the Government's policy is to improve the capacity, capability, reliability and resilience of the rail network at key locations for both passenger and freight movements to reflect growth in demand, reduce overcrowding, improve journey times maintain or improve operational performance and facilitate modal shift from road to rail. The rail network is predominantly a mixed traffic network and the provision of capacity for both freight and passenger services is core to the network.'

Adding that:

'Relatively modest infrastructure interventions can often deliver significant capacity benefits by removing pinch points and blockages.'

B.3.12 Paragraph 2.38 is also pertinent and explains:

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'The Government will therefore consider new or re-opened alignments to improve capacity, speed, connectivity and reliability. Rail is a safer, greener and faster mode of transport for large passenger volumes and for long distances, including inter-city journeys.'

- B.3.13 The environmental benefits of rail improvements are discussed within paragraph 2.40, which states that:

'Modal shift from road and aviation to rail can help reduce transport's carbon emissions, as well as providing wider transport and economic benefits. For these reasons, the Government seeks to accommodate an increase in rail travel and rail freight where it is practical and affordable by providing for extra capacity.'

Connecting people: a strategic vision for rail (DfT 2017)

- B.3.14 The Government's 2017 vision in 2017 recognised (Paragraph 2.14) that commuting into many major towns and cities has become increasingly difficult. This is not just an issue in the largest cities, like London, Birmingham and Manchester. Congestion is a barrier to development in places like Exeter, Bristol and Cambridge. Lack of transport capacity can affect important schemes and put off investment that offers new opportunities.
- B.3.15 At paragraph 2.25 the government noted its commitment to invest £5m to develop proposals for a new station at Cambridge South. It was stated that this would support one of the largest bio-medical campuses in Europe being consolidated in Cambridge, and a new station could provide direct rail links to central London, Stansted Airport and regional housing development sites.

Railways Act 2005 High Level Output Specification (HLOS) (2017)

- B.3.16 Published in 2017, this Railways Act 2005 Statement fulfils the requirements of UK legislation by setting out for the Office of Rail and Road (ORR) what it is that the Secretary of State wants to be achieved by railway activities during the review period, covering 1 April 2019 to 31 March 2024 (Control Period 6).
- B.3.17 As identified in paragraph 5 of the HLOS, the emphasis is on the changes achievable through the operations, maintenance and renewal of the existing railway and that infrastructure enhancements are expected to be dealt with separately. These infrastructure enhancements are set out in the Rail network enhancements pipeline (RNEP) which is designed to create a rolling programme of investment, focused on outcomes that provide benefits for passengers, freight users and the economy and moving government investment in enhancements away from a rigid 5 year cycle (Control Periods).

Rail network enhancements pipeline (2019)

- B.3.18 The RNEP autumn 2019 update identifies the schemes which are seeking funding from the Department for Transport to progress through the RNEP decision gateways before moving into delivery. The CSIE project is identified as being 'in development', which is defined as meaning that 'Projects have progressed through the first development stage and will either be working towards, or have completed a Strategic Outline Business Case. Some limited technical development work may have now taken place to further understand the case for action and to identify options to do so. The focus of this stage is to further advance development work towards

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a single viable option and to construct an Outline Business Case'. The outline business case for the CSIE project was published in 2021.

The 2020 Decarbonising Transport 2021

- B.3.19 Published by the Department of Transport this presents the Government's plan to deliver reductions in transport emissions to achieve transport's contribution to the legally binding carbon budgets and delivering net zero by 2050. It sets out in Part 1 the path to net zero transport in the UK, the wider benefits it can deliver, and sets out the principles that underpin the Government's approach to delivering it. Part 2 sets out a series of commitments and the actions needed to decarbonise transport. The relevant strategic priorities and commitments are summarised below:
- B.3.20 Priority 1: Accelerating modal shift to public and active transport, Public transport and active travel will be the natural first choice for our daily activities.
- B.3.21 This priority is supported by the following two commitments are to build extra capacity on our rail network to meet growing passenger and freight demand and support significant shifts from road and air to rail and to improve rail journey connectivity with walking, cycling and other modes of transport

APPENDIX C. REVISED DESIGN PRINCIPLES

CSIE DESIGN PRINCIPLES

1. Introduction

These Design Principles have been developed from those in Appendix A of the Design and Access Statement (DAS) (Doc Ref. NR 15) submitted as part of the Network Rail (NR) application for a Transport and Works Act Order and associated deemed planning permission for the proposed Cambridge South Infrastructure Enhancements (CSIE) Project.

The proposals progressed to date are the result of an iterative design process informed by the Strategic Outline Business Case, Project Objectives, the Cambridge City Local Plan, technical route development, public and key stakeholder consultation and pre-application meetings with the Greater Cambridge Shared Planning (GCSP). The Design Principles are written to capture the key principles agreed through this iterative process and those documented in the DAS.

The Strategic Outline Business Case sets out a number of key objectives for the CSIE project that are included in Table 1.

Compliance with the Design Principles will be a requirement secured through the deemed planning conditions. Submissions to discharge the relevant conditions may require a Design Compliance Statement to demonstrate how those proposals comply with the Design Principles.

Whilst the proposed Development includes rail infrastructure beyond the station demise to support its feasibility such as track works, line side compounds and removal of two level crossings, these Design Principles only concern the proposed station and where relevant the final landscape scheme associated with the works.

Table 1: Strategic Outline Business Case Project Objectives

1.	Increase public transport connectivity between the Cambridge Biomedical Campus and international gateways, in recognition of its international significance.
2.	Improve sustainable transport access to housing, services, and employment within the Cambridge Southern Fringe and Biomedical Campus area, to fulfil existing and future demands.
3.	Minimise highway congestion associated with the Southern Fringe and Cambridge Biomedical Campus by increasing the mode share for sustainable transport modes.
4.	Reduce reliance on central Cambridge transport infrastructure for serving the Southern Fringe and Biomedical Campus.
5.	Be capable of integrating with and enhancing the opportunities presented by Thameslink and East West Rail, to support development of the Biomedical Campus as part of the Golden Triangle life sciences cluster.

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2 Purpose

The Design Principles have been developed to set out the framework for the detailed design of the station and associated works to help not just deliver the design quality and performance standard of the station and surrounding public realm, but to ensure it is an appropriate response to the context within which it is located.

The Design Principles also provide assurance and confidence to stakeholders that the future station will be well designed. They inform the future design of the overall form as well as details of materials, which will be required to be submitted through planning conditions attached to the deemed planning request.

3 Proposals

In developing the basis of the illustrative concept for the CSIE project, which is constrained by the adjacent AstraZeneca plot to the East, Cambridgeshire Guided Busway (CGB) overbridge to the North and Hobson's Park to the West, we have developed key Design Principles which are consistent with Network Rail's Principles of Good Design and provide the framework for a contextual design approach which seeks to maximise the overall benefit provided by the proposed Development and demonstrate compatibility with relevant local planning policy frameworks and wider Local Plan.

The general basis of these principles is as follows:

1. **Identity** – a station that is developed in a way which provides value for money and a high-quality experience to the user.
2. **Passengers** – meets the needs of passengers in the form and function of the station and improve and simplify journeys.
3. **Community** – balance station infrastructure requirements with forming a new accessible place within the local community and accessing trains and meeting people who arrive by train.
4. **Inclusive** – the design approach will ensure the overall journey experience from forecourt to train is intuitive and accessible to all.
5. **Collaborative** – the proposed Development will continue engage its users and neighbours to support positive outcomes for all.
6. **Connected** – the layout should support the simple and intuitive movement of people, connecting one mode of transport to another, where passenger experience is at the forefront of design considerations.
7. **Contextual** – the station will integrate well into its context, responding to the character and form of Hobson's Park to the east and the wider landscape beyond. To the west, it will provide a well-integrated frontage to the wider CBC campus.
8. **Innovative** – a design that minimises its impact on the environment and that allows for future adaptation and change.
9. **Sustainable** – the station will be designed in a way which considers the whole life cycle of the proposed Development to minimise waste and provide future flexibility.

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3.1. Identity

An appropriate response to context will ensure that the local character is protected and enhanced. The proposed development should create a scale and form that is appropriate to existing buildings, the public realm and open spaces, which complement the local identity of an area.

Proposals are therefore to be developed in a way which includes variety and interest within a coherent, place-responsive design. One which is legible and creates a positive sense of place and identity whilst also responding to the local context and respecting local distinctiveness.

The proposed station will respond to the following principles:

No.	Design Principle Name	Design Principle
3.1A	Placemaking	Through its layout and materials, the intent is to provide a sense of place for passengers arriving at the station where the entrance concourse integrates with the public realm and open spaces on its east and west frontages.
3.1B	Be appropriate to its setting and conserve the character and form of the green corridor, Hobson's Park to the west and the open countryside beyond	By careful consideration of the landscape elements, form and materials balance visual legibility of the Station from key destinations, with visual and physical integration into Hobson's Park and the Green Belt.
3.1C	Provide a positive addition to the CBC public realm	The proposed eastern station entrance will interface with the Biomedical Campus public realm and respond to the specific landscape character of the area.

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3.2. Passengers

With customer satisfaction and well-being forming vitally important criteria which encourage people to use rail travel, the proposed footprint includes sufficient and inclusive facilities and public realm.

The footprint has been influenced by dynamic passenger modelling to ensure the safe and efficient flow of passengers at peak hours and future growth can be accommodated and through consultation we have been able to better understand the users, accommodate their needs and aspirations to positively influence the proposals.

In summary the proposed station will:

No.	Design Principle Name	Design Principle
3.2A	Form a gateway	The design of the Station Entrance and public realm to the east will seamlessly link and integrate with the surrounding context and environmental mitigation of the CBC schemes to form a gateway to the CBC.
3.2B	Car Parking	No more than 9 vehicle parking spaces will be provided within the station forecourt (5 spaces for blue badge holders and 4 spaces for station staff and maintenance staff) and space for no more than 6 passenger and taxi drop-off/pick-up will be provided within the station forecourt.
3.2C	Improve passenger experience through good station design	Whilst meeting the future demands of passengers, the passenger experience is to be enhanced by creating a sense of space and light, seamlessly integrating the upper- and lower-level passenger spaces with the external public realm including Hobsons park and the CBC
3.2D	Treat all passengers equally	Consider the experience and environment for users through inclusive design.
3.2E	Maximise benefits to as many people as possible	By undertaking passenger demand and incorporating the results within the proposals, the proposed Development will provide sufficient access which is catered for different users entering, exiting or waiting at the station.
3.2F	Create a new accessible interchange appropriate to the context	The proposed works will provide suitable amenities such as cycle parking, lifts, wayfinding and connected spaces that are intuitive with careful consideration of desire lines both within and beyond the station.

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3.3. Community

The proposed Development will balance local community requirements with infrastructure and functional asset requirements by engaging with key residents, business, community groups and recreational users and site operators within the local area to enable better coordination between public and private resources and improved outcomes for the community.

In summary the proposed station will:

No.	Design Principle Name	Design Principle
3.3A	Community access	To the west, there will be a Station Entrance in the northeast corner of the park interfacing with the existing park access routes to provide safe, and level access straight into the station.
3.3B	Have a positive visual appearance	By creating a considered experience for the user and wider community, specifically from the existing development around it.
3.3C	Consider community opportunities	Design of the station will take into account community feedback to drive a design in keeping with the local context and priorities.
3.3D	Provide space for people	Space will be provided for movement, waiting and meeting of people in varying weather conditions.
3.3E	Minimise impact on neighbours	Maintenance requirements of the works are considered at the earliest design stages and sustainable solutions considered as an intrinsic part of the design.

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3.4. Inclusive

The designs should ensure the overall journey experience from forecourt to train is simple and places people at the heart of the design process.

In summary the proposed station will be designed in a manner which allows people to use them in an inclusive way and reduces barriers to access and participation as well as being:

No.	Design Principle Name	Design Principle
3.4A	Accessible and flexible, public transport interchange	A variety of covered cycle parking areas to both sides of the station to suit various types of bicycles are to be provided, as well as accessible taxi and kiss and ride areas including ramps/ lifts for evacuation to ensure the station provides a fully accessible and flexible, public transport interchange.
3.4B	Fully accessible	From the entrance through the ground floor accommodation to the platform environment, the design is inclusive for users of the station
3.4C	Provide Space for information	Information about transport options are accessible and easy to find

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3.5. Collaborative

The proposed station area is of interest to multiple stakeholders, therefore it is crucial to seek all parties support both economically and socially through engagement to capture the greatest benefit from the proposed Development for all.

A mitigation plan has been developed to respond to the Environmental Impact Assessment and consultees and stakeholders have to date informed the station layout, proposed materials and access arrangements.

In summary the proposed station will:

No.	Design Name	Principle	Design Principle
3.5A	Engage		To ensure the proposals lead to a successful outcome focused on people and places they will continue to be developed around an open dialogue with people, communities and its neighbours.
3.5B	Listen		The proposed Development will listen to its users and shall be developed through a multi-disciplinary collaborative design process such that all features of the proposed Development, maintenance access, its integration with the surroundings, and environmental mitigation are coordinated.
3.5C	Collaborate		Prior to the submission of conditions relating to the detailed design of the station the proposed Development will engage with the Cambridgeshire Quality Panel.
3.5D	Review		The proposed Development will continue to engage and consult with key stakeholders such as the City Council's Access Officer and NR's Built Environment Accessibility Panel.

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3.6. Connected

The success of transport infrastructure relies on simplifying journeys, connecting one mode of transport to another, putting passenger experience at the forefront of design considerations. The Transport Assessment has identified that 60% of trips to the railway station expected to be by foot; 24% by cycle; 10% by other public transport; and 5% by taxi or drop off the station has been developed to ensure it is well-connected to enable easy access for all to jobs and services using sustainable modes such as pedestrians, buses, bicycles and the potential future CSET route.

In summary the proposed Development will:

No.	Design Principle Name	Design Principle
3.6A	Create a new accessible interchange appropriate to its context	The proposed Development will reflect and enhance its context through seeking opportunities for urban greening whilst providing suitable amenities such cycle parking, lifts and way-finding.
3.6B	Integrate with key desire lines	The connectivity of spaces is to be intuitive with careful consideration of desire lines within the station, to local destinations and onward travel.
3.6C	Integrate with future schemes	The station eastern forecourt design is to be adaptable to ensure it can integrate with future schemes such as the emerging CSET scheme. The proposed Development will continue to engage with interfacing schemes at the next stage of design.
3.6D	Provide space for interchange	With the Cambridge Guided Busway, pedestrian, kiss-and-ride and cycle access, as well as the potential CSET scheme space is to be provided to support the movement of people between modes which will all converge on or near the railway station access.
3.6E	Manage interfaces	The junction design on Francis Crick Avenue must be coordinated with the station access to minimise conflict between competing users.
3.6F	Connect modes	maximise connections with existing path and cycle networks.
3.6G	Maximise cycle and pedestrian access from both east and west	To reduce end to end journey times for all users, entrances with associated cycle parking will be provided to the East and the West.
3.6H	Provide safe and good pedestrian and cycle connections	The proposed Development will provide a direct, surfaced and well-lit and signposted access route to each side of the station that is clearly navigable and free of obstacles.
3.6I	Minimise impact on existing infrastructure	Bus services on Francis Crick Avenue or the existing Guided Busway will not be impacted by the station design.
3.6J	Ensure direct access to key nodes	The station entrance and access should integrate within the existing urban environment with good access to local population and services.
3.6K	Provide adequate, not excessive vehicle access	Designs will include access for operational staff, maintenance, emergency vehicles and access for taxis, disabled users and kiss-and-ride.
3.6L	Connect green	Seek opportunities to link to other biodiversity gain strategies being undertaken elsewhere on the CBC site.

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3.7. Contextual

Proposals are to be in proportion and sympathetic to the local character, enhancing the civic quality and natural character of the existing environment. One of the key challenges in developing the design vision is the need to recognise, respect and respond appropriately to the existing context and emerging CBC whilst developing an integrated station appropriate for the Green Belt and the wider growth expected in the Southern Fringe area of Cambridge.

The existing railway, which the proposed station serves, sits on the eastern boundary of Hobson's Park. An area of grassland and lakes forming part of a green wildlife corridor that runs from Shelford and Trumpington along Hobson's Brook, Vicars Brook and northward to join the River Cam forming an ecological corridor.

Therefore whilst the wildlife area adjacent the proposed station forms an important community amenity for those working and living nearby, it is very much part of a bigger picture of strategic Green Belt which aims to protect and enhance the quality and purposes of Green Belt land.

This open green area, rich in habitat and wildlife which forms part of the southern gateway to Cambridge, has been key in influencing the station concept.

Through site analysis and engagement we have established key masterplan planning requirements which impact the site layout, massing and vision such as permeability and views and embedded these within the design principles:

No.	Design Principle Name	Design Principle
3.7A	Minimise its footprint	In recognition of the site as a 'green corridor' which contributes to the important characteristics of the city and is a key component for providing amenity and biodiversity the CSIE Project within Hobson's Park avoids excessive landtake, during construction and operation, to allow retention of as much of the existing vegetation, open space and path network as possible.
3.7B	Consider landscape and the environment	Landform change within Hobson's Park would only occur where it is necessary to provide a gentle transition between the existing ground levels of the Park and the finished floor levels of the proposed station building and its associated structures. This includes along the route of the proposed shared pedestrian and cyclist access path across the Park, and the connections to the existing path network to the south-west of the station and the existing maintenance track parallel with the railway.
3.7C		The gradients of landform change along the proposed routes through the Hobson's Park would be suitably gradual to avoid the requirement for formal ramps and steps, given the detrimental effect these would have upon the landscape character and visual amenity of the Park.
3.7D		On a small number of occasions steeper landform slopes may be required in order to minimise the loss of, or harm to existing native tree and shrub vegetation.

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No.	Design Principle Name	Design Principle
3.7E	Integrate well with both the built and natural environment	Located between Cambridge Biomedical Campus, the largest centre of medical research and health science in Europe and the Trumpington residential area, the design of the station needs to maintain and serve as a visual amenity to both sides of this emerging urban context each side of the Green Belt.
3.7F		The layout of the station will seek to integrate and connect with the landscape setting of Hobson's Park and its watercourses by creating a visually and biodiversity enriching design.
3.7G		Integrate swales and attenuation ponds into their setting.
3.7H	Restrict vehicular access to the east side only	Given the recreational and wildlife value of the Green Belt/Hobson's Park, provision of vehicular access and parking, apart from necessary maintenance, will be located on the east side of the station
3.7I	Integrate with the existing park landscape structure	Promote the station's legibility through reinforcement of the series of 'visual nodes' that already exist through Hobson's Park, Clay Farm and the green corridor.
3.7J		The development's external form, roofscapes and materiality to reflect the semi-naturalised character and landform of the park.
3.7K	Integrate with the proposed CBC landscape masterplan	The station is to provide a visual and physical connection across the railway to accord with the intentions of CBC masterplan principles including avoidance of harm to the strategic gaps between the CBC buildings to the east of the railway.
3.7L	Be conscious of the operational rail context to provide a safe and maintainable asset	Proposals will not be allowed to affect the operation of the railway or Over Head Line Equipment (OHLE), especially if it required Possessions to undertake this work, which would be both disruptive and expensive.
3.7M	urban greening and green linkages	The prevailing landscape context should inform opportunities for an east-west biodiversity gain through urban greening and green linkages.
3.7N	Form and material	The material palette will be contemporary but in proportion and sympathetic to its setting acknowledging the materials currently being developed within the neighbouring AstraZeneca Southern Biomedical Campus masterplan and the more natural pallet within Hobson's Park.
3.7O	Biodiverse roof	Network rail will seek to provide the station with a biodiverse roof with an extensive substrate of varying in depth. The roof will be planted/seeded with an agreed mix of species focused on wildflower planting indigenous to the local area and shall seek to contain no more than a maximum of 25% sedum (green roofs only).
3.7P	Green Fencing	The proposed landscape design will seek to incorporate a living green fence between the AstraZeneca car park and the Cambridge South Station.

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No.	Design Name	Principle	Design Principle
3.7Q	Structural Planting		<p>To include replacement planting Within Hobson's Park for the structural planting lost on the western boundary of the railway adjacent AstraZeneca. This will include:</p> <ul style="list-style-type: none"> • 20 No. large trees • 44 No. small trees • 2 No. bat boxes • 4 No. bird boxes <p>Network Rail will factor in a 10% net gain to these figures as part of its overall commitment to biodiversity.</p>
3.7R	Birds		<p>Network Rail will include suitable habitat for Corn Buntings within the southern boundary of the proposed exchange land.</p>

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3.8. Innovative

The vision for the Station is that it should form a contemporary, inclusive and functional quality packaged within a suitably scaled architectural envelop that is sustainable throughout its life.

In summary the proposed station will:

No.	Design Principle Name	Design Principle
3.8A	Smart Architecture	The external form, roofscapes and materiality should not only reflect the semi-naturalised character of the park but provide adequate cover to support passenger comfort and operational dwell times.
3.8B		Seek potential for harvesting sustainable resources such as solar and grey water systems.
3.8C		Investigate solutions to ensure the eastern entrance can sustain the level of envisaged multimodal demand.
3.8D	Provide robust operational flexibility	The platform layout allows for flexibility in future services and timings.
3.8E	Provide robust operational flexibility	The station is to provide operational resilience through two station entrances and associated access

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3.9. Sustainable

Applying “good design” should produce sustainable infrastructure sensitive to place, efficient in the use of natural resources and energy used in their construction, matched by an appearance that demonstrates good aesthetics as far as possible.

The station architecture, landscape and engineering design is to be as aesthetically sensitive, durable, adaptable and resilient as it can reasonably be.

A BREEAM assessment has been undertaken to identify and factor into design targets that impact layout and massing.

Due to the nature of the proposed development the use of external lighting will be essential for user and staff safety and security. It is recognised, however, that external lighting and lighting from within the proposed station buildings and structures may have an adverse effect upon local landscape character and the visual amenity of users of Hobson’s Park and the surrounding public open spaces.

To assist in reducing such potential adverse effects, the proposed Development has been planned to minimise impact at night from lighting and considered lighting upon approach.

In summary the proposed station will:

No.	Design Principle Name	Design Principle
3.9A	Habitat	Within this landscape context, the station infrastructure should where feasible, seek to be an integral part of the natural landscape enabling species migration and providing diverse habitats.
3.9B		The station architecture will minimise clutter by seeking dual purposes where possible, as well as opportunities to enrich biodiversity where it can.
3.9C		Design proposals shall prioritise improving connectivity between existing habitats wherever reasonably practicable
3.9D	Net Gain	Network Rail are committed to achieving 10% net gain in biodiversity as part of the proposed Development.
3.9E	Energy	Encourage energy efficiency in the station design.
3.9F		The station will be designed to a BREEAM target rating of excellent.
3.9G	Climate	The station will be designed with the aim of being resilient to climate change and the space to support passenger growth.
3.9H	Sustainable Drainage	SuDS measures are to be identified and incorporated into the design of all external hard surfaces.
3.9I	Resources	The station shall be efficient in its use of resources and multifunctional wherever reasonably practicable. For example, structures will be designed to accommodate multiple functions where it makes sense to do so.
3.9J		The roof geometry should consider simultaneously create volume where it's needed whilst providing an opportunity for grey water recycling.
3.9K		The station works are to be designed in a way which considers the whole life cycle of the proposed Development to minimise waste and provide future flexibility.
3.9L		Provide long lasting low maintenance assets.

The Network Rail (Cambridge South Infrastructure Enhancement) Order*Planning Proof of Evidence Appendices – January 2022 - Document NRE9.3*

No.	Design Principle Name	Design Principle
3.9M	Sustainable and durable material selection	Target Green Guide A or A+ materials where possible.
3.9N		Utilise platform systems which have sustainable benefits over other systems such as reduced levels of embodied carbon and reduced whole life costs of other platform types.
3.9O	Heritage	Proposals will seek to minimise impact on the Hobson's Conduit and its tributaries through integrated landscape drainage solutions and minimising run-off.
3.9P	Lighting	Lighting will be the minimum necessary to provide safe conditions and will be in accordance with relevant guidance set out in the 'Guidance Notes for the Reduction of Obtrusive Light, 2020- GN01/20'.

APPENDIX D. CAMBRIDGE CITY COUNCIL LETTER 7 DECEMBER 2021

Charlotte Burton
Principal Planner (Strategic Sites)
Greater Cambridge Shared Planning
South Cambridgeshire Hall
Cambourne Business Park
Cambourne, Cambridge, CB23 6EA

t: 01223 457147 m: 07704 018482
e: charlotte.burton@greatercambridgeplanning.org
w: www.greatercambridgeplanning.org



Sara Peters
Network Rail
Capital Delivery
SN1 Building
Station Road
Swindon, SN1 1DG

By email only: sara.peters@networkrail.co.uk

07 December 2021

Dear Ms Peters,

**Network Rail (Cambridge South Infrastructure Enhancements) Order
OBJ23 Cambridge City Council**

Thank you for your letter dated 18 November providing an update on Network Rail's (NR) response to the objections raised by Cambridge City Council. Your correspondence supplements NR's earlier letters dated 1 October and follows on from meetings between the Council's officers and NR Consents Manager and NR Planning Manager in recent weeks.

This letter provides advice from officers on the status of the Council's objections. The purpose of the letter is to aid ongoing discussions with NR at officer level. To be clear, the advice within this letter is given at officer level and does not constitute the formal position of the Council, which will be provided in the Council's Proof of Evidence and our Statement of Common Ground for the Public Inquiry.

I have addressed each of the objections raised in the Council's Statement of Case as summarised in Section 7 of our statement. I have reordered these by grouping them under three key headings, which broadly form the topics on which the Council intends to provide evidence at the Public Inquiry. These combine the Council's objections as local planning authority and landowner with a tenant interest in Hobson's Park.

This letter also puts in writing two matters which have arisen through discussions with NR since the submission of the Council's Statement of Case. These are the

need for additional tree planting in Hobson's Park to mitigate for the loss of structural planting within the AstraZeneca site boundary, and the need for commuted sums towards increased maintenance costs for Hobson's Park (see items 6 & 11).

As discussions on the draft planning conditions are still in progress, this letter does not confirm the position on the proposed draft condition wording, other than where specifically referred to. For the avoidance of doubt, the omission of comments on any draft conditions does not imply agreement to them. Further correspondence will be provided in response to the updated draft conditions sent by NR Planning Manager.

Impact on Hobson's Park and trees

Planning objections

1. Exchange land – adequate mitigation

Further information on the landscaping and biodiversity features, and the accessibility and safety of crossing Addenbrooke's Road is required in order to assess whether the proposed exchange land is appropriate replacement for the loss of existing public open space, in accordance with Local Plan 2018 policy 67.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. Officers require further information to demonstrate that the landscape and biodiversity, and amenity value of the proposed land will provide adequate compensation for the area of Hobson's Park to be lost. This also includes demonstrating that the proposed exchange land is accessible safely given its location physically separate from the rest of Hobson's Park and requiring users to cross Addenbrooke's Road to move between the park and the proposed land. As no further information has been provided, the Council maintains its objection on this ground.

2. Exchange land – timing

The exchange land to compensate for the permanent loss of public open space and the new access routes outside of the site compound must be laid out and available for use before the use of areas of existing public open space for the development commences, in order to provide satisfactory replacement in accordance with Local Plan 2018 policy 67.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. The Council maintains its objection on this ground.

3. Use of Hobson's Park

The temporary use of Hobson's Park must be justified both in terms of the area of land and the duration for which the land is required, and this must be

secured through a condition in order to minimise the temporary loss of public open space in accordance with Local Plan 2018 policy 67.

Your letter refers to a soil management plan. While a soil management plan is required in respect of the temporary use of Hobson's Park this does not provide a response to the Council's objection above because it does not justify the use of Hobson's Park or demonstrate that the area and duration of use is the minimum required.

Updated deposited plans were issued by NR Consents Manager on 26 November which showed a reduced area of temporary land acquisition on Hobson's Park for the site compound. Officers are currently reviewing this and will provide comments in due course.

Notwithstanding this, the Council also requires a response from NR to justify the area of land required and the duration for which that land is required. This additional information will be reviewed by officers alongside the amended deposited plans before the Council can consider whether this matter has been resolved.

Insofar as the soil management plan is concerned, the Council will give consideration to the plan once it has been received but until the Council has had an opportunity to review the plan, officers advise that the Council's objection has not been resolved.

4. Permanent spoil placement

There must be no spoil permanently placed within areas of public open space and this must be secured through a condition in order to ensure that spoil placement does not lead to the permanent loss of public open space or harm to the character of the public open space in accordance with Local Plan 2018 policy 67.

Your letter commits to a condition to provide a soil management plan. While a soil management plan is required in order to agree where soil will be placed, the Council also requires a compliance condition to control where soil will NOT be placed. This is in the form of a compliance condition to prevent excavated material being placed within the public open space unless agreed through the soil management plan or landscaping works.

Officers discussed wording of a suitable condition at the meeting with the NR Planning Manager on 18 November which was subsequently drafted and proposed by the NR Planning Manager (sent on 22 November) as follows:

No excavated material or other material shall be placed within public open space, including Hobson's Park, other than in accordance with the approved landscaping details or the approved details for temporary storage contained within the approved soil management plan.

Officers advise that the Council requires this condition to be agreed in the Statement of Common Ground before this matter can be resolved.

5. Trees

The application has not demonstrated compliance with Local Plan policy 71 for the preservation and protection of trees and hedges. An Arboricultural Implications Assessment (AIA) and Arboricultural Method Statement (AMS) must be submitted prior to determination, and the impact on Tree Preservation Orders (TPOs) and other trees and hedges must be minimised and mitigated through protection measures and replacement planting secured through conditions.

Your letter refers to conditions to secure the implementation of tree protection measures. While such conditions are necessary, this is not sufficient to resolve the Council's objection. As matters currently stand, the Council is not satisfied that the potential impact on trees and hedges can be satisfactorily addressed through conditions because no information has been provided about the extent of tree and hedge loss and the options for mitigation.

Therefore, while officers are happy to engage with NR in respect of the wording of any possible conditions to secure the implementation of tree protection measures, the Council requires submission of further evidence in respect of the extent of tree and hedge loss and the potential mitigation for that loss BEFORE the Council is in a position to agree that this issue can be satisfactorily addressed by way of conditions.

At our meeting with NR Consents Manager on 5 October, officers were advised that the AIA and AMS would come much later on in the process, but that further information may be provided. The Council requires information about the loss of trees and options for appropriate replacement planting to mitigate any impact before the Council can consider whether this issue can be satisfactorily resolved by way of condition.

Any additional information provided will be reviewed by the Council before it can consider whether this matter has been resolved.

6. Structural planting in Hobson's Park

During discussions with NR and following correspondence with representatives for AstraZeneca, officers have been made aware that the boundary of the permanent and temporary land acquisition includes land within the AstraZeneca site, specifically land within the site boundary of the reserved matters consent for the AstraZeneca South Plot development, which has come forward under the outline consent for the Cambridge Biomedical Campus (CBC).

As NR are aware, the outline consent for the CBC secured structure planting along the western boundary of the CBC along the railway line, and secured strategic gaps connecting the green open space within the retained Green Belt with open spaces within the CBC, including one gap which aligns with the station proposals. These elements of structural planting are important components of the mitigation for the CBC.

The Council has been informed that the areas of permanent and temporary mitigation mean that the structural planting along the railway line must be removed and cannot be replaced, and that the station platform including the walkover will align with the strategic gap. As a result, the CBC mitigation cannot be achieved in accordance with the outline consent if the station works go ahead.

It is critical that the proposal includes appropriate mitigation for the loss of structural planting within the CBC. The Council's landscape officer has met with NR Landscape Consultant to discuss options for replacement planting on the eastern side of Hobson's Park. This would require planting mature large specimens and with ground and soil preparation which promotes the fast establishment of trees.

The Council's landscape officer has advised that a suitable planting scheme could be implemented to mitigate this impact, however these details must be secured through inclusion in the Design Principles document. Officers advise that the Council requires submission of an updated Design Principles document to review before this matter can be resolved.

The cost of maintaining these trees is covered in item 11 below.

Landowner objections

7. Hobson's Park – temporary and permanent work

The use of existing public open space for the creation of new access routes and temporary work required for the construction must be the minimum requirement and must be justified.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. Please provide a formal response.

Your letter refers to our comments on the notation of the pedestrian and cycling route on Parameter Plan 1: Access and Movement requesting this is amended to read 'Proposed segregated new pedestrian and cycle access'. You have responded to explain that the detail of the route will come forward through the discharge of conditions which will allow further discussion with stakeholders. Officers advise that the Council accepts this.

8. Hobson's Park – landscaping of routes

The layout of new routes across the public open space should consider the impact on the remaining green spaces between the routes, and any resulting changes to the management regime required or to the use of these spaces for recreation.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. The Council maintains its objection on this ground.

9. Timing of exchange land and new access routes

The exchange land and the new access routes outside of the site compound must be laid out and available for use prior to commencement of the use of the existing open space for the works, which must be secured through an amendment to paragraph 36 of Part 4 of the draft Order. Confirmation that the exchange land will be secured for public open use in perpetuity through the draft Order must be provided.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. The Council maintains its objection on this ground.

10. Pedestrian link beneath Cambridge Guided Busway

The pedestrian link across the Cambridge Guided Busway between Hobson's Park and the Active Recreation Area must be complete before the existing connection beneath the Cambridge Guided Busway is lost. This must be secured through the Order.

This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. The Council maintains its objection on this ground.

11. Commuted sums towards increased maintenance costs

The Council is reviewing the implications of the proposed works on the maintenance costs for Hobson's Park. This includes additional costs of maintaining any paths, hard surfacing and structures that fall within the Council's maintained areas, and the additional cost of maintaining tree planting on the western side of the railway line as replacement planting for the trees to be lost on the CBC. Officers will discuss this further with NR and provide an estimate of any additional costs for which contributions will be need to be agreed.

Impact on biodiversity and biodiversity net gain

12. Biodiversity Net Gain (BNG)

The application has not provided sufficient Information to demonstrate the minimum 10% biodiversity net gain target is achievable and can provide appropriate mitigation on or near to the site, and as a result has not demonstrated compliance with Local Plan 2018 policies 69 and 70, and NPPF 2021 paragraph 174.

Your letter refers to conditions to secure the delivery of the 10% BNG target. While this condition is necessary to approve the detail of the ecological mitigation, this is not a sufficient response to the matter above as it does not demonstrate that this target is achievable and can provide appropriate mitigation. This is because there is no further information about the deliverability of biodiversity enhancements.

Your earlier letter dated 1 October and meetings with the NR Consents Manager have confirmed that NR has entered into discussions with Cambridgeshire County Council with a view to securing an Options Agreement for the provision of all the BNG units required to meet the 10% target at Lower Valley Farm in Fulbourn.

The letter advised that once discussion have progressed further with the County Council, NR will be able to provide confirmation that it has secured the mechanism for delivering the required 10% BNG. Officers have been advised that NR are aiming to secure the Option Agreement with the County Council ahead of the public inquiry.

In addition to this, officers understand that the BNG calculations submitted with the TWAO application for the 'worst case scenario' are being updated to reflect the changes to the site compound area and to landscaping and that the calculations will be reissued to the Council, however officers have not had sight of this.

The Council currently maintains its objection on these grounds which have not been addressed. Officers look forward to receiving the updated BNG calculations and further information on the proposed mitigation to review before the public inquiry. This additional information will be reviewed by the Council before it can consider whether this matter has been resolved.

13. Birds

The potential impact on the breeding population of Corn Bunting along the line of the rail track and construction route, and on Corn Bunting and Skylark nesting within Hobson's Park needs to be given more weight in the assessment of the impact on existing biodiversity, in accordance with Local Plan 2018 policies 69 and 70.

Your letter advises that NR are looking into whether additional mitigation is necessary to reduce the potential impact on the breeding population of Corn Bunting and nesting of sky larks within Hobson's Park. This matter was raised in our Statement of Case and has not been addressed in your letters dated 1 October or 18 November. The Council does not agree that this issue has been resolved and requires further information on the availability of options for mitigation to review before it can consider whether this matter has been resolved.

Planning objections

14. Green Belt

The application has not made a full and clear case to demonstrate the proposal would not be inappropriate development within the Green Belt in accordance with the NPPF paragraph 150 and Local Plan policy 4, or that very special circumstances exist, in accordance with NPPF paragraph 148.

You have referenced the Department of Transport Strategic Outline Business Case for Cambridge South Station which sets out the requirement for the station and how the proposed location was identified, and the Planning Statement which explains how this meets Green Belt policy in accordance with the NPPF 2021. The Council

acknowledges that NR has put forward a case for the proposal being not inappropriate development in the Green Belt. Officers do not make a judgement as to whether the proposal complies with the NPPF in this regard but are now satisfied that the Inspector has satisfactory information to consider the matter.

15. Drainage

Details as requested by the Sustainable Drainage Engineer must be submitted prior to determination in order to demonstrate the proposals comply with Local Plan policy 32 relating to flood risk.

Your previous letter dated 1 October provided a detailed response to the issues raised by the Council's sustainable drainage engineer. Officers have reviewed this and confirmed this was acceptable in an email to NR Consents Manager dated 5 October. Officers advise that the Council's objection has been resolved.

16. Green roofs

The proposals for biodiverse green roofs must be confirmed as to whether or not they are required as part of the LVIA and Green Belt mitigation.

Your letter states that given the current stage of design, NR cannot confirm the exact location and amount of green biodiverse roof as part of the proposed development. As a result, no amendments will be made to remove the word 'potential' from the Parameter Plan: Land Use and Landscape drawing.

While the Council acknowledges that there is not yet a detailed design for the station, officers have requested in the comment above clarification from NR about whether a biodiverse green roof is required as part of the LVIA and Green Belt mitigation. The Council requires confirmation on this with reference to the submitted documents for the Council to review before this matter can be resolved.

Regarding the wording of the draft condition to secure details of biodiverse green roofs, officers have discussed this at meetings with NR Planning Manager. The Council accepts that the detail of the roof could come forward under the condition requiring the detailed design of the station building and landscaping details, so that a separate condition is not required.

Notwithstanding this, the Council requires that the specification for the substrate and mix of species and a maintenance plan for the biodiverse green roof – as detailed in the draft condition wording requested by the Council – must be included in the Design Principles document and must be complied with unless there are planning or biodiversity reasons which make this not possible. The Council requires submission of an updated Design Principles document to review before this matter can be resolved.

Your letter also responds to our comments on biodiverse green walls requesting details of this feature as many types are not sustainable and are high maintenance. You have responded to explain that this detail would come forward through the conditions. Officers advise that the Council accepts this.

17. BREEAM

A condition for submission of a BREEAM pre-assessment demonstrating the scheme is on-target to achieve BREEAM 'excellent' rating is required in accordance with Local Plan policies 28, 29 and 31, and the Sustainable Design and Construction SPD.

Your response proposes an additional condition to secure submission of a BREEAM pre-assessment. The Council's sustainability consultant supports the wording of the proposed draft conditions 20, 21 and 22 sent by NR Planning Manager on 22 November. The Council requires this condition to be agreed in the Statement of Common Ground before this matter can be resolved.

18. Trip generation and cycle parking

Cambridgeshire County Council Highways Authority must support the predicted trip generation, modal share and number of cycle parking spaces in accordance with Local Plan policies 81 and 82.

Your letter dated 1 October provided a more detailed response with reference to the Transport Assessment. Officers advise that the Council has made its position clear and has nothing further to add. Officers will review the draft condition 19 to secure details of cycle parking as sent by NR Planning Manager on 22 November.

19. Car parking

The maximum number of car parking spaces for each user group must be specified in the Design Principles and details of cycle parking facilities must be secured through the recommended revised wording, in accordance with Local Plan policy 82.

Your letter confirms that NR will amend the Design Principles to specify that no more than 9 vehicle parking spaces will be provided within the station forecourt (5 spaces for blue badge holders and 4 spaces for station staff and maintenance staff) and space for no more than 6 passenger and taxi drop-off/pick-up will be provided within the station forecourt. Officers advise that the Council requires submission of an updated Design Principles document to review before this matter can be resolved.

20. Environmental Health conditions

Conditions relating to noise and vibration, lighting and electric vehicle charging points must be secured in order to mitigate the impact on residential amenity and sensitive receptors, in accordance with Local Plan 2018 policies 34, 35, and 36.

Your letter confirms that NR does not have an objection in principle to the proposed conditions on noise and vibration, and lighting. The wording of those conditions was discussed between the Council's environmental health officers and NR Planning Manager at the meeting on 18 November. The re-drafted conditions issued by NR

Planning Manager on 22 November will be reviewed by officers before the Council can confirm whether this matter has been resolved.

Your letter provides no further information in response to the Council's requirement for electric vehicle charging points. This was also discussed between environmental health officers and NR Planning Manager. Officers set out the case for providing electric vehicle charging for Blue Badge Holders at the station. NR Planning Manager explained that this issue has been escalated within NR. Officers advise that the Council requires confirmation that the provision will be made and agreement to a condition to secure this within the Statement of Common Ground before this matter can be resolved.

I trust the contents of this letter are clear, however if you have any queries then please do not hesitate to contact me.

Yours sincerely,

Charlotte Burton MRTPI
Principal Planning Officer (Strategic Sites)
Greater Cambridge Shared Planning

APPENDIX E. CAMBRIDGE SOUTH DISTRICT COUNCIL LETTER 7 DECEMBER 2021

Charlotte Burton
Principal Planner (Strategic Sites)
Greater Cambridge Shared Planning
South Cambridgeshire Hall
Cambourne Business Park
Cambourne, Cambridge, CB23 6EA

t: 01223 457147 m: 07704 018482
e: charlotte.burton@greatercambridgeplanning.org
w: www.greatercambridgeplanning.org



Sara Peters
Network Rail
Capital Delivery
SN1 Building
Station Road
Swindon
SN1 1DG

By email only: sara.peters@networkrail.co.uk

07 December 2021

Dear Ms Peters,

**Network Rail (Cambridge South Infrastructure Enhancements) Order
OBJ24 South Cambridgeshire District Council**

Thank you for your letter dated 18 November providing an update on Network Rail's (NR) response to the objections raised by South Cambridgeshire District Council. Your correspondence follows on from meetings between the officers for the Council and NR Consents Manager and NR Planning Manager in recent weeks.

This letter provides advice from officers on the status of the Council's objections. The purpose of the letter is to aid ongoing discussions with NR at officer level. To be clear, the advice within this letter is given at officer level and does not constitute the formal position of the Council, which will be provided in the Council's Proof of Evidence and our Statement of Common Ground for the Public Inquiry.

I have addressed each of the objections raised in the Council's Statement of Case as summarised in Section 6 of our statement. I have reordered these by grouping them under three key headings, which broadly form the topics on which the Council intends to provide evidence at the Public Inquiry.

As discussions on the draft planning conditions are still in progress, this letter does not confirm the Council's position on the proposed draft condition wording, other than where specifically referred to. For the avoidance of doubt, the omission of comments on any draft conditions does not imply agreement to them. Further

correspondence will be provided in response to the updated draft conditions sent by NR Planning Manager on 22 November.

Impact on trees

1. Loss of trees

The loss of trees along the railway line and across the scheme must be minimised, and a condition for tree protection measures must be imposed, in accordance with Local Plan 2018 policies HQ/1, NH/2, and NH/4.

This matter was raised in our Statement of Case and has not been addressed in your letter. The Council maintains its objection on this ground.

Biodiversity net gain

2. Deliverability of biodiversity net gain

The application has not provided sufficient Information to demonstrate the 10% biodiversity net gain target is achievable and can provide appropriate mitigation on or near to the site, and as a result has not demonstrated compliance with Local Plan 2018 policy NH/4, and NPPF 2021 paragraph 174.

Your letter refers to conditions to secure the delivery of the 10% BNG target. While this condition is necessary to approve the detail of the ecological mitigation, this is not a sufficient response to the matter above as it does not demonstrate that this target is achievable and can provide appropriate mitigation. This is because there is no further information about the deliverability of biodiversity enhancements.

Your earlier letter dated 1 October and meetings with the NR Consents Manager have confirmed that NR has entered into discussions with Cambridgeshire County Council with a view to securing an Options Agreement for the provision of all the BNG units required to meet the 10% target at Lower Valley Farm in Fulbourn.

The letter advised that once discussion have progressed further with the County Council, NR will be able to provide confirmation that it has secured the mechanism for delivering the required 10% BNG. Officers have been advised that NR are aiming to secure the Option Agreement with the County Council ahead of the public inquiry.

In addition to this, officers understand that the BNG calculations submitted with the TWAO application for the 'worst case scenario' are being updated to reflect the changes to the site compound area and to landscaping and that the calculations will be reissued to the Council, however officers have not had sight of this.

The Council currently maintains its objection on these grounds which have not been addressed. Officers look forward to receiving the updated BNG calculations and further information on the proposed mitigation to review before the public inquiry. This additional information will be reviewed by the Council before it can consider whether this matter has been resolved.

Planning

3. LVIA mitigation

The application does not provide sufficient detail about the landscape proposals to provide unreserved assurance of the success of the LVIA mitigation, as required by Local Plan 2018 policies HQ/1, NH/2 and NH/8.

Your letter refers to the TWAO application as comparable to an outline planning permission which requires suitable planning conditions requiring the local planning authority to agree the detail of the landscaping proposals. Officers advise that the Council accepts that the detail will come forward through the discharge of conditions for the detailed station design and landscape proposals, and that this matter cannot be resolved at this stage.

4. Deemed planning consent drawings

The deemed planning consent drawings must provide more information to control the scale and height of the substation and railway systems compound to the south of Addenbrooke's Road, in order that the buildings integrate into the rural location, in accordance with Local Plan 2018 policies HQ/1, NH/2 and NH/8.

Your letter refers to Deemed Planning Drawing – Parameter Plan 'heights' (158454-ARC-ZZ-ZZ-DRG-LEP- 000102 P01) and highlights that this limits the maximum height of structures to 18m above ordnance datum (AOD). You explain that based on the existing AOD, the maximum height of structures would be 4m. The detail of the structures and the landscaping would be come forward through the discharge of conditions. Officers advise that the Council accepts this matter has been resolved.

Notwithstanding this, it is recommended for the avoidance of doubt that this drawing is updated to refer to maximum building heights in the annotations or drawing title.

5. Noise mitigation and attenuation at Great Shelford

Site-specific noise mitigation and attenuation measures must be included in the Code of Construction Practice for locations where works will occur that have the potential to adversely impact residential areas of Great Shelford, in accordance with Local Plan 2018 policies HQ/1 and SC/10.

This matter was raised in our Statement of Case and has not been addressed in your letter. The Council maintains its objection on this ground.

6. Vibration impacts at Shrepreth Branch Junction

Good and early engagement with the Council and residents on both the mitigation measures and the consultation strategy to minimise the disruption from major construction ground-borne vibration impacts at Shepreth Branch Junction to local residents and impact on mental health, in accordance with Local Plan 2018 policies HQ/1 and SC/10.

This matter was raised in our Statement of Case and has not been addressed in your letter. The Council maintains its objection on this ground.

7. Air quality monitoring on the adjacent minor residential roads

Further discussions to secure a programme to monitor the impact on air quality on the adjacent minor residential roads around the development, in accordance with Local Plan 2018 policies HQ/1 and SC/12.

Your letter provides a detailed response which in summary advises that it is considered likely that any changes in emissions from idling vehicles would be offset by the reduction in vehicle movements to the Cambridge Biomedical Campus. The Council's Environmental Health team has reviewed this and provided comments as follows.

Whilst the station is designed to discourage the use of cars with no drop off/pick up or waiting area, the reality is that for some customers this station will prove to be more convenient than either the north or central station, and a percentage of customers will be driven to the station; it is not realistic to assume that all customers will walk, cycle or use public transport to the station. This could impact on the local roads around the station due to people waiting/idling in cars to drop off or pick up.

However the Environmental Health team agrees with NR that this is obviously extremely difficult to quantify and air quality monitoring is unlikely to be an effective way to monitor this issue. Whilst this will impact on air quality around local roads this will be more effectively managed as part of a wider traffic management programme around the station which is a matter for the Highways Authority.

Therefore, officers advise that no further information is required on this matter.

8. Artificial lighting condition

Replacement wording for the artificial lighting condition is required to secure compliance with the relevant guidance relating to construction and operational lighting, in accordance with local Plan 2018 policies HQ/1 and SC/9.

Your letter does not provide a response on this, however officers have discussed the wording of the draft condition for lighting details with the NR Planning Manager on 18 November. It was agreed that construction lighting would be covered in the Code of Construction Practice and that operational lighting would be controlled through a separate condition requiring submission of a detailed operational lighting scheme.

The wording of these conditions should require compliance with the Obtrusive Light Limitations for Exterior Lighting Installations contained within the Institute of Lighting Professionals (ILP) 'Guidance Notes for the Reduction of Obtrusive Light - GN01/20 (2020)(or as superseded)', as detailed in our comments. Officers advise that the Council requires agreed wording for a condition to be included in the Statement of Common Ground before the Council considers this matter to be resolved.

9. Engagement in wider Addenbrooke's Hospital campus masterplanning

Network Rail must commit to engage in the review of the wider masterplan for the Addenbrooke's Hospital campus currently being undertaken by the Cambridge University Hospitals NHS Foundation Trust to address connectivity issues, in accordance with Local Plan 2018 policies HQ/1 and TI/2.

Your letter advises that NR are engaging with the relevant stakeholders. Officers advise that no further information is required on this matter at this stage.

10. Impact on cycle route NCN 11 at Shepreth Branch Junction

The works to the railway line at Shepreth Branch Junction must minimise the impact on the NCN 11 route and be considered carefully alongside the timing of works to other routes within the area to minimise disruption to users. Network Rail must consult with the Council, local cycling groups, Great Shelford Parish Council and other user groups.

Your letter refers to discussions with the Council. Officers discussed this matter with NR Consents Manager and NR Planning Manager on 5 October. NR explained that a short stretch of the NCN 11 route near Webster's Level Crossing would be closed to allow for the construction compound. NR explained that this would be overnight closure only. NR has considered options to divert the route, however an alternative arrangement to marshal cyclists and pedestrians through the compound during the night closures is the preferred option.

While the detailed arrangements would be included in the Code of Construction Practice Part B to be secured through condition, officers requested that NR provide a commitment to minimise closures and to provide marshalled access, or a diversion, with specific reference to this area within the Code of Construction Practice Part A submitted with the TWAO application. Officers advise that the Council requires an updated Code of Construction Practice Part A to review before this matter can be resolved.

11. Works affecting the Scheduled Ancient Monument

The works affecting the Scheduled Monument must be minimal and must have the support of Historic England and Cambridgeshire County Council Archaeology Team, and mitigation must be secured through conditions, in accordance with Local Plan 2018 policies HQ/1 and NH/14.

Your letter advises that NR are engaging with Historic England in respect of the Scheduled Ancient Monument, and that associated Scheduled Monument Consent will be applied for. Officers have also discussed the wording of a condition to secure a programme of archaeological investigation works, and are currently awaiting feedback from the Cambridgeshire County Council Archaeology Team with respect to the trigger for this condition in relation to other site investigation and enabling works. Feedback will be provided separately to the NR Planning Manager. Officers

advise that the wording of an agreed condition must be included in the Statement of Common Ground before the Council considers this matter to be resolved.

12. Awarded Watercourse informative

An informative should be applied to advise the applicant of the requirement to obtain land drainage bye law approval by the Council for works affecting the awarded watercourse.

The Council has provided a copy of the Bye Law to the NR Consents Manager. Your letter advises that NR will continue to discuss this matter with the Council. This matter will be dealt with the land drainage bye law approval which will come forward at a later date, and therefore officers advise that the Council considers this matter to be closed for the purposes of the TWAO application.

I trust the contents of this letter are clear, however if you have any queries then please do not hesitate to contact me.

Yours sincerely,

Charlotte Burton MRTPI
Principal Planning Officer (Strategic Sites)
Greater Cambridge Shared Planning

The Network Rail (Cambridge South Infrastructure Enhancement) Order
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