

6(1)	All landscaping works must be carried out in accordance with the landscaping scheme approved under paragraph 5 of this schedule	None	None				Requirement covers the construction phase of the scheme and ensures that the landscaping work is undertaken in accordance with the approved drawings and Written Landscape Scheme.
6(2)	All landscaping works must be carried out to a reasonable standard in accordance with the relevant recommendations of appropriate British Standards or other recognised codes of good practice and in accordance with the landscape and ecology management plan approved as part of the EMP (2nd iteration) and the EMP (3rd iteration) under paragraph 3 of this Schedule.	None	None				Requirement ensures that the landscaping works are undertaken to recognised standards and in accordance with the LEMP produced for requirement 5(1).
6(3)	Any tree or shrub planted as part of the landscaping scheme that, within a period of 5 years after planting, is removed, dies or becomes, in the opinion of the relevant planning authority, seriously damaged or diseased must be replaced in the first available planting season with a specimen of the same species and size as that originally planted.	None	None				Requirement refers to ongoing maintenance of the planting once the scheme has been constructed and will be fulfilled during the 5-year planting maintenance period.
7 Fencing							
	Any permanent and temporary fencing and other means of enclosure for the authorised development must be constructed and installed in accordance with the manual of Contract Documents for Highway Works except where any departures from that manual are agreed in writing by the relevant planning authority following consultation with the County Planning Authority - GCC and Strategic Highway Authority - NH on matters related to their functions in connection with the authorised development	None	None				Requirement refers to the design of the permanent and temporary fencing and any other means of enclosure for the Authorised Development under the relevant Highway's Manual of Contract Documents for Highway Works, Volume 1 - Specification for Highway Works.
							The register will be updated to reflect any approvals sought in relation to this requirement if it becomes applicable to the authorised development.
8 Land and groundwater contamination							
8(1)	No part of the authorised development is to commence until a contamination risk assessment in respect of controlled waters has been produced for that part which is to include details of:	Pollution Prevention Control Management Plan	Environment Agency				Requirement ensures that a contamination risk assessment is undertaken prior to the commencement of the authorised development and sets out the detail of what should be included in the contamination risk assessment.
	(a) any existing sources of contamination within the Order limits that may be affected by the carrying out of the authorised development						
	(b) any reasonably required protective measures to ensure that the carrying out of the authorised development does not make worse any adverse conditions or risks associated with such existing sources of contamination						
	(c) appropriate remediation strategies and mitigation measures to address any historic contamination which is shown to be having significant, unacceptable effects on the environment within the context of the proposed works, and the assessment has been submitted to and approved by the relevant planning authority following consultation with the Environment Agency.						
8(2)	The steps and measures that are identified as necessary for the purpose of carrying out the authorised development in the assessment referred to in sub-paragraph (1) must be implemented as part of the authorised development.	None	None				Requirement covers the construction phase of the scheme and is a safeguard that ensures that the scheme to deal with contaminated groundwater is included within the scope of works.
8(3)	In the event that contaminated material, including proposed remediation, is found at any time when carrying out the authorised development, which was not previously identified in the environmental statement, the undertaker must cease construction of the authorised development in the vicinity of that contamination and must report it immediately in writing to the Environment Agency and the relevant planning authority, and in agreement with the Environment Agency and the relevant planning authority undertake a risk assessment of the contamination, and sub-paragraphs (4) and (5) will apply.	Report finding, Produce a Contamination risk assessment	Environment Agency Relevant Planning Authority				Requirement is reactive and can only be discharged once contamination has begun and then only if the contaminated land or groundwater is found. If this occurs, the register will be updated accordingly.
8(4)	Where the risk assessment determines that remediation is necessary, a written scheme and programme for the remedial measures to be taken to render the land fit for its intended purpose must be prepared, submitted to and approved in writing by the relevant planning authority following consultation with the Environment Agency and the County Planning Authority - GCC.	Written Scheme and Programme	County Planning Authority - GCC Environment Agency				Requirement is reactive. However, in the event of the scheme being necessary a discharge of requirement application would be required providing the necessary written scheme of remediation and programme for the works. If this occurs, the register will be updated accordingly.
8(5)	Remedial measures must be carried out in accordance with the scheme approved under sub-paragraph 8 (4) and following completion of the remedial measures a validation report confirming the completion and effectiveness of those measures must be submitted to the Environment Agency and relevant planning authority.	Validation report	Environment Agency Relevant Planning Authority				Requirement ensures that remediation is undertaken if identified as necessary in accordance with a remediation plan approved by the Environment Agency. If this occurs, the register will be updated accordingly.
9 Archaeology							
9(1)	In order to be included in the EMP (2nd iteration) pursuant to paragraph 3(2) & (3) of this schedule, the archaeological management plan, must accord with the investigation and mitigation measures included in chapter 11 (cultural heritage) of the environmental statement, the EMP (2nd iteration), and must include provision for site-specific archaeological project designs for each area and each phase where necessary, and have been prepared in consultation with the County Planning Authority - GCC, the Strategic Highway Authority - NH, the County Archaeologist and Historic England and have been submitted to and approved in writing by the relevant planning authority	Archaeological Management Plan	County Planning Authority - GCC Strategic Highway Authority - NH County Archaeologist Historic England				Requirement ensures that an Archaeological Management Plan supported by site specific written schemes of investigation is submitted for approval to the relevant planning authority following consultation.
9(2)	The authorised development must be carried out in accordance with the archaeological management plan and where relevant the site specific archaeological project designs referred to in sub-paragraph (1) unless otherwise agreed in writing by the relevant planning authority.	None	None				Requirement covers construction phase of the scheme and ensures that construction work is undertaken in accordance with the Archaeological Management Plan.
9(3)	A programme of archaeological reporting, protection and publication required as part of the archaeological management plan and where relevant the site specific archaeological project designs referred to in sub-paragraph (1) must be prepared in consultation with the County Archaeologist and implemented within a reasonable timescale in accordance with the Historic England Requirements of the relevant planning authority within two years of the date of completion of the authorised development or such other period as may be agreed in writing by the relevant planning authority.	None	None				This Requirement sets out actions that must be undertaken in respect of archaeological reporting.
9(4)	Any archaeological remains not previously identified which are revealed when carrying out the authorised development must be:	None	None				Requirement sets out what should happen if archaeological remains are found that have not previously been identified.
	(a) retained in situ and reported to the County Archaeologist as soon as reasonably practicable; and						
	(b) subject to appropriate mitigation as set out in the Archaeological Management Plan referred to in sub-paragraph (1).						
9(5)	No construction operations are to take place within 10 metres of the remains referred to in sub-paragraph (4) for a period of 14 days from the date the remains are reported to the County Archaeologist under sub-paragraph (4) unless otherwise agreed in writing by the relevant planning authority.	None	None				Requirement sets out what should happen if archaeological remains are found that have not previously been identified.
9(6)	In this paragraph "County Archaeologist" means the individual nominated or appointed as such by the relevant planning authority.	None	None				No approvals needed. Requirement contains a definition and does not require discharge.
10 Protected Species							
10(1)	In the event that any protected species which were not previously identified in the environmental statement or nesting birds are found at any time when carrying out the authorised development the undertaker must cease construction works near their location and report it immediately to the Ecological Clerk of Works	None	None				Requirement sets out the approach should protected species be encountered during construction work.
							Construction work near the location should cease and the Ecological Clerk of Works contacted for advice.
10(2)	The undertaker must prepare a written scheme for the protection and mitigation measures for any protected species that were not previously identified in the environmental statement or nesting birds found when carrying out the authorised development. Where nesting birds are identified works should cease within 10metres of the nest until birds have fledged and the nest is no longer in use.	None	None				This requirement refers to a document that would only need to be prepared and submitted in the event that protected species that had not been previously identified in the Environmental Statement were found when carrying out the authorised development.
10(3)	The undertaker must implement the written scheme prepared under sub-paragraph (2) immediately and construction in the area specified in the written scheme must not commence until any necessary licences are obtained to enable mitigation measures to be implemented.	None	None				Requirement confirms that the contractor must undertake construction work in accordance with the approved Written Scheme of Investigation if required under Requirement 10(2).
10(4)	In this paragraph "Ecological Clerk of Works" means the individual appointed as such by the undertaker.	None	None				No approvals needed. Requirement contains a definition and does not require discharge.
11 Detailed Design							
11(1)	The authorised development must be designed in detail and carried out so that it is in accordance with:	None	County Planning Authority - GCC				Requirement sets out the approach should protected species be encountered during construction work.
	(a) the preliminary scheme design shown on the works plans, the general arrangement plans, the environmental masterplan and the engineering drawings and sections; and						
11(2)	(b) the design principles set out in the design principles report, unless otherwise agreed in writing by the relevant planning authority following consultation with the County Planning Authority - GCC, the Strategic Highway Authority - NH on matter related to their functions and provided that the relevant planning authority is satisfied that any amendments to the works plans, the general arrangement plans, the environmental masterplan and the engineering drawings and sections showing departures from the preliminary design would give rise to no material or materially different environmental effects in comparison with those reported in the environmental statement.	None	Strategic Highway Authority - NH				No approvals needed as long as design is compatible with the authorised scheme. Separate applications for discharge of this requirement would be necessary should the design change sufficiently during detailed design.
11(3)	Where amended details are approved by the relevant planning authority under sub-paragraph (1) those details are deemed to be substituted for the corresponding works plans, general arrangement plans, environmental masterplan or engineering drawings and sections and the undertaker must make those amended details available in electronic form for inspection by members of the public	None	None				This requirement confirms that where amendments are made to the authorised scheme the work must be constructed in accordance with the amended details.
11(4)	In this paragraph:	None	None				
	(a) "the general arrangements plans" means the documents of that description listed in Schedule 10 (documents to be certified) and certified by the Secretary of State as the general arrangements plans (part 1) and the general arrangements plans (part 2) for the relevant Order; and						
	(b) "design principles report" means the document of that description listed in Schedule 10 and certified by the Secretary of State as the design principles report for the purposes of this Order.						No approvals needed. Requirement contains a definition and does not require discharge.
12 Surface water drainage							
12(1)	No part of the authorised development is to commence until written details of the surface water drainage system for that part, in accordance with the mitigation measures in chapter 1 (road drainage and the water environment) of the environmental statement and including means of pollution control, have been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC, the Strategic Highway Authority - NH and the Environment Agency.	Drainage design drawings	County Planning Authority - GCC Strategic Highway Authority - NH Environment Agency				Requirement confirms that a written scheme of the surface water drainage must be approved by the relevant planning authority prior to construction works commencing.
12(2)	The drainage system must be constructed in accordance with the approved details referred to in sub-paragraph (1) unless otherwise agreed in writing by the relevant planning authority following consultation with the County Planning Authority - GCC, the Strategic Highway Authority - NH and the Environment Agency.	None	None				Requirement confirms that the scheme must be constructed in accordance with the agreed plans.
13 Flood compensation and flood storage							
13(1)	No part of the authorised development within the existing floodplain is to commence until a detailed scheme for the flood compensation areas or flood storage area relevant to that part of the authorised development within the existing floodplain has been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC, the Strategic Highway Authority - NH and the Environment Agency on matters related to their functions.	Design for flood compensation or flood storage areas	County Planning Authority - GCC Strategic Highway Authority - NH Environment Agency				Requirement confirms that a detailed scheme for flood compensation or flood storage areas must be approved by the relevant planning authority prior to construction works commencing in the floodplain.
13(2)	The scheme prepared under sub-paragraph (1) must provide suitable flood storage for any flood waters that would be displaced by the authorised development in the 1 in 100 year plus 5% climate change allowance event.	None	None				Requirement provides detail to the incorporated into the scheme under Requirement 13(1).
13(3)	The scheme must be fully implemented as approved and subsequently maintained	None	None				Requirement confirms that the scheme must be constructed and maintained as approved.
14 Flood Risk Assessment							
14(1)	The undertaker is required to consider the Flood and Coastal Erosion Risk Data published quarterly by the Environment Agency in the flood risk assessment, in consultation with the Environment Agency and the County Planning Authority - GCC.	None	None				Requirement confirms that the scheme must consider the latest flood data provided by the Environment Agency in any flood risk assessments.
14(2)	The undertaker is required to carry out the authorised development in accordance with the flood risk assessment.	None	None				Requirement confirms that the scheme must be constructed in accordance with the agreed flood risk assessment.
15 Noise Mitigation							

15 (1)	No part of the authorised development is to commence until written details of proposed noise mitigation in respect of use and operation of that part of the authorised development, including noise barriers and any very low noise surfacing, have been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC and the Strategic Highway Authority - NH on matters related to their functions.	None	County Planning Authority - GCC Strategic Planning Authority				Requirement confirms that a written details for noise mitigation must be approved by the relevant planning authority following consultation
15 (2)	The written details referred to in sub-paragraph (1) must either: (a) refer to the environmental statement and noise and vibration management plan approved as part of the EMP (2nd iteration) pursuant to paragraph 3 of this Schedule; or (b) where the mitigation proposed materially differs from the mitigation identified in the environmental statement and the noise and vibration management plan, the undertaker must provide evidence with the written details submitted that the mitigation proposed would not give rise to any materially different environmental effects in comparison with those reported in the environmental statement taking into account the mitigation identified in it.	None	None				Requirement refers to the content of the document prepared under Requirement 15(1)
15 (3)	The noise mitigation must be constructed in accordance with the approved details referred to in sub-paragraph (1) and must be retained thereafter.	None	None				Requirement confirms that the scheme must be constructed in accordance with the approved document prepared under Requirement 15(1)
16 Highway Lighting							
16 (1)	No part of the authorised development is to be brought into use until a written scheme of the proposed highway lighting to be provided for that part of the authorised development has been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC and the Strategic Highway Authority - NH on matters related to their functions.	Written scheme of the proposed highway lighting	County Planning Authority - GCC Strategic Highway Authority - NH				This Requirement covers commissioning phase and confirms that a written scheme of the proposed highway lighting must be approved by the relevant planning authority prior to being brought into use
16 (2)	The standard of the highway lighting to be provided by the scheme referred to in sub-paragraph (1) must either be in accordance with the standard of the highway lighting included in chapter 5 (landscape and visual) of the environmental statement or, where the standard of the highway lighting proposed materially differs from the standard of the highway lighting identified in the environmental statement, the undertaker must provide evidence with the written scheme submitted for approval that the standard of the highway lighting proposal would not give rise to any materially new or materially different environmental effects in comparison with those reported in the environmental statement taking into account the lighting identified in it. The highway lighting scheme must encompass the specification, level of provision, light spillage, intensity and brightness of the highway lighting.	None	None				Requirement is informative and re-states that any proposed lighting must be in accordance with the Environmental Statement and not give rise to any materially new or materially different environmental effects
16 (3)	The highway lighting must be provided in accordance with the scheme approved under sub-paragraph (1)	None	None				Requirement states that the scheme must be operational in use
16 (4)	Nothing in this requirement restricts the lighting of the authorised development during its construction or where temporarily required for maintenance.	None	None				This requirement confirms that Requirement 16 does not need to be discharged for construction lighting or for lighting required for maintenance
17 Building and Construction Materials - Highways							
17 (1)	No part of the authorised development is to commence until written details of the materials to be used for the surfacing of the new highway and the adjacent cycleway and footway have been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC	Highways design	County Planning Authority - GCC				Requirement confirms that a written details of materials for use in highways must be approved by the relevant planning authority following consultation
17 (2)	The details submitted under sub-paragraph (1) must include provision for the use of low noise road surfacing materials on the highway.	None	None				Requirement refers to detail to be included in Requirement 15(1)
17 (3)	The authorised development must be carried out using the materials approved under sub-paragraph (1)	None	None				Requirement confirms that the scheme must be constructed in accordance with the approved materials approved under Requirement 17(1)
18 Building and Construction Materials - Structures							
18 (1)	No part of the authorised development is to commence until written details of the building materials to be used for the external facings of all structures, including bridges, retaining walls and culvert sides and headwalls, have been submitted to and approved in writing by the relevant planning authority following consultation with the County Planning Authority - GCC.	Structures design	County Planning Authority - GCC				Requirement confirms that a written details of materials for use in structures must be approved by the relevant planning authority following consultation
18 (2)	The authorised development must be carried out using the materials approved under sub-paragraph (1)	None	None				Requirement confirms that the scheme must be constructed in accordance with the approved materials approved under Requirement 18(1)
19 Approvals and amendments to approved details							
	With respect to any requirement which requires the authorised development to be carried out in accordance with the details approved under this schedule, the approved details are taken to include any amendments that may subsequently be approved or agreed in writing by the relevant planning authority.	None	None				Requirement is a statement setting out that amended details approved as a result of discharging the other requirements are deemed to be part of the approved scheme. The Requirement does not require formal discharge.