

Construction Phase Plan

Health, Safety, Quality & Environment



Project Title	Pioneer House High School, Manchester
Contract Number	NW161
Revision No.	B
Controlled Copy No	
Client	Prospere Learning Trust
Site Address	Yewtree Lane Manchester M23 0FF

Triton	Andy Gaskell		
	Contracts Manager		
	(Signature) <i>A Gaskell</i>	Date	7 th Feb 2023
Reviewed & Accepted By	(Name)		
	(Company / Title)		
	(Signature)	Date	

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1	INTRODUCTION
1.1	General
	This Construction Phase Plan describes how the Health, Safety, Quality and Environmental risks associated with this project will be identified and effectively managed by Triton Construction Ltd throughout the duration of the construction phase. The Company's Policy Statement for Occupation Health and Safety, Quality and Environment will apply to this project. The policy statement will be displayed on the relevant site notice boards. UK legislation and other standards applicable to the project are noted this document. Triton Construction accepts that any procedures contained within this Construction Phase Plan do not prejudice any statutory requirements and guidelines that may be in force at any time during the contract period. A copy of the F10 (for notifiable projects) is included within Appendix 4 of this document and will be displayed on site notice boards.
1.2	Description of Project and Adjacent Property
	A new-build teaching facility (circa 432m² in size), comprising of three classrooms, one large learning/social space, four group working rooms, one office and three external recreation spaces, along with ancillary spaces such as WC's, storerooms, circulation areas. A new multi-use games area (MUGA), to replace the existing MUGA which is currently located where the new building is to be sited. External free-standing canopy. Re-site existing external gym equipment and other existing furniture. To the front of the site, we have Yew Tree Lane. This 2-lane carriageway provides one of several access in and out the adjacent housing estate. Parking is allowed along this section of road. Vehicle and pedestrian traffic can be busy during the periods of school opening and closing. To the left of the site is a restaurant with parking facility which is open during the evenings. To the right and to the rear of the site we have a continuation of the housing estate. Construction operations and in particular the delivery of materials and operatives attending work will increase the frequency of traffic. Triton will aim to arrange delivery within those quieter periods of the day and not cause any nuisance when parking vehicles off site.
1.3	Location of Construction Works
	Pioneer House High School 200 Yewtree Lane Manchester M23 0FF

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1.4	Duration of Contract Phase	
	Start date 13 th Feb 2023 Completion date 8 th Dec 2023 43 weeks	
1.5	Key Appointments	
	Client	Prosperre Learning Trust Manchester Enterprise Academy Simonsway Wythenshawe Manchester M22 9RH Contact: Dave Bell Email: d.bell@meacad.org.uk Tel: Mobile: 07963 845915
	Client's Representative	AA Projects Ltd 4th Floor Jackson House Sibson Road Sale M33 7RR Contact: Chris Hindle Email: chrishindle@aaprojects.co.uk Tel: 0161 9737410 Mobile: 07967 597302

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	Principal Designer	AA Projects Ltd L2, Pilkington Court Prescot Business Park Sinclair Way Prescot L34 1QG Contact: David Emmett Email: davidemmett@aaprojects.co.uk Tel: 0151 4302340 Mobile: 07890 948073
	Project Director	AA Projects Ltd 4 th Floor Jackson House Sibson Road Sale M33 7RR Contact: Darren Hurst Email: darrenhurst@aaprojects.co.uk Tel: 0161 9737410 Mobile: 07855 795951
	Project Manager	AA Projects Ltd 4 th Floor Jackson House Sibson Road Sale M33 7RR Contact: Chris Hindle Email: chrishindle@aaprojects.co.uk Tel: 0161 9737410 Mobile: 07967 597302
	Quantity Surveyor	AA Projects Ltd 4 th Floor Jackson House Sibson Road Sale M33 7RR Contact: Dave Barrow Email: davebarrow@aaprojects.co.uk Tel: 0161 9737410 Mobile: 07772 444334

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	Quantity Surveyor	AA Projects Ltd L2, Pilkington Court Prescot Business Park Sinclair Way Prescot L34 1QG Contact: Calum Monaghan Email: calummonaghan@aaprojects.co.uk Tel: 0151 4302340 Mobile: 07966 248730
	CEO – Prospere Learning Trust	Piper Hill High School Firbank Road Wythenshawe Manchester M23 2YS Contact: Linda Jones Email: ljones@prospere.org.uk Tel: 0161 4363009
	Head Teacher Pioneer House	Pioneer House 200 Yew Tree Lane Wythenshawe Manchester M23 0FF Contact: Adele Cox Email: head@pioneerhouse.net Tel: 0161 2418100
	Trust Estates Manager – Prospere Learning Trust	Pioneer House 200 Yew Tree Lane Wythenshawe Manchester M23 0FF Contact: Mark Manifold Email: mmanifold@prospere.org.uk Tel: Mobile: 07809 659847
	Deputy Trust Estates Manager – Prospere Learning Trust	Pioneer House 200 Yew Tree Lane Wythenshawe Manchester M23 0FF Contact: Mike Guest Email: mguest@prospere.org.uk Tel: Mobile: 07950 731057

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	Site Manager Prospere Learning Trust / Pioneer House	Pioneer House 200 Yew Tree Lane Wythenshawe Manchester M23 0FF Contact: Steve Needham Email: s.needham@meacad.org.uk Tel: Mobile: 07956 029346
	Site Manager – Pioneer House	Pioneer House 200 Yew Tree Lane Wythenshawe Manchester M23 0FF Contact: Paul Rowlands Email: prowlands@pioneerhouse.net Tel: Mobile: 07512 302529
	Architect	Grated Apple Ltd The Piggery 2 Wigsey Lane Warburton WA13 9JL Contact: Pablo Iglesias Email: pablo.iglesias@gratedapple.co.uk Tel: Mobile: 07421 462876
	Architect:	Grated Apple Ltd The Piggery 2 Wigsey Lane Warburton WA13 9JL Contact: Ruth Clayton Email: ruth.clayton@gratedapple.co.uk Tel: Mobile: 07786 006386
	Structural Engineer	Frederick G. Markland Associates Ltd Corby House 38A Chorley New Road Bolton BL1 4AP Contact: Ben Clelland Email: ben.fgmarland@btconnect.com Tel: 01204 531208 Mobile: 07746 708084

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	Associate Civil Engineer	Ironside Farrar Ltd Worsley Court High Street Walkden Worsley Manchester M28 3NJ Contact: Stephen Pope Email: stephen.pope@ironsidefarrar.com Tel: 0161 7038801
	MEP Design Engineer	McKee Associates Ltd Wigan Hall New Market Street Wigan WN1 1HH Contact: Duncan McKee Email: duncan@mckeeassociates.co.uk Tel: 01942 945981 Mobile: 07769 115126
	Approved Building Control Inspector	Assent Building Control Ltd Unit 2B/C Beehive Mill Jersey Street Manchester M4 6JG Contact: Chris Jones Email: chris@assentbc.co.uk Tel: 0161 2367158 Mobile: 07341 569049
	Principal Designer's Representative –	AA Projects Ltd L2, Pilkington Court Prescot Business Park Sinclair Way Prescot L34 1QG Contact: David Emmett Email: davidemmett@aaprojects.co.uk Tel: 0151 4302340 Mobile: 07890 948073

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	NW Regional Construction Director – Triton Construction	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: Paul Halloran Email: p.halloran@tritonconstruction.co.uk Tel: 01925 820828 Mobile: 07872 602954
	NW Regional Commercial Director – Triton Construction	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: James Sykes Email: j.sykes@tritonconstruction.co.uk Tel: 01925 820828 Mobile: 07872 600856
	Principal Contractor – Contracts Manager	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: Andy Gaskell Email: a.gaskell@tritonconstruction.co.uk Tel: 01925 820828 Mobile: 07984 157090
	Contractors Designer – Design Manager	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: Steve Atherton Email: s.atherton@tritonconstruction.co.uk Tel: 01925 820828 Mobile: 07518 942927

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	Senior HSQE Manager – Triton Construction	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: Andrew Ainsworth Email: a.ainsworth@tritonconstruction.co.uk Tel: 01925 820828 Mobile: 07551 520768
	Site Manager – Triton Construction	Triton Construction Ascot House Trident Business Park Daten Avenue Birchwood Warrington WA3 6BX Contact: Paul Spencer Email: p.spencer@tritonconstruction.co.uk Tel: Mobile: 07841 913621
1.7	Existing Plans and Records	
	As Tender Information.	

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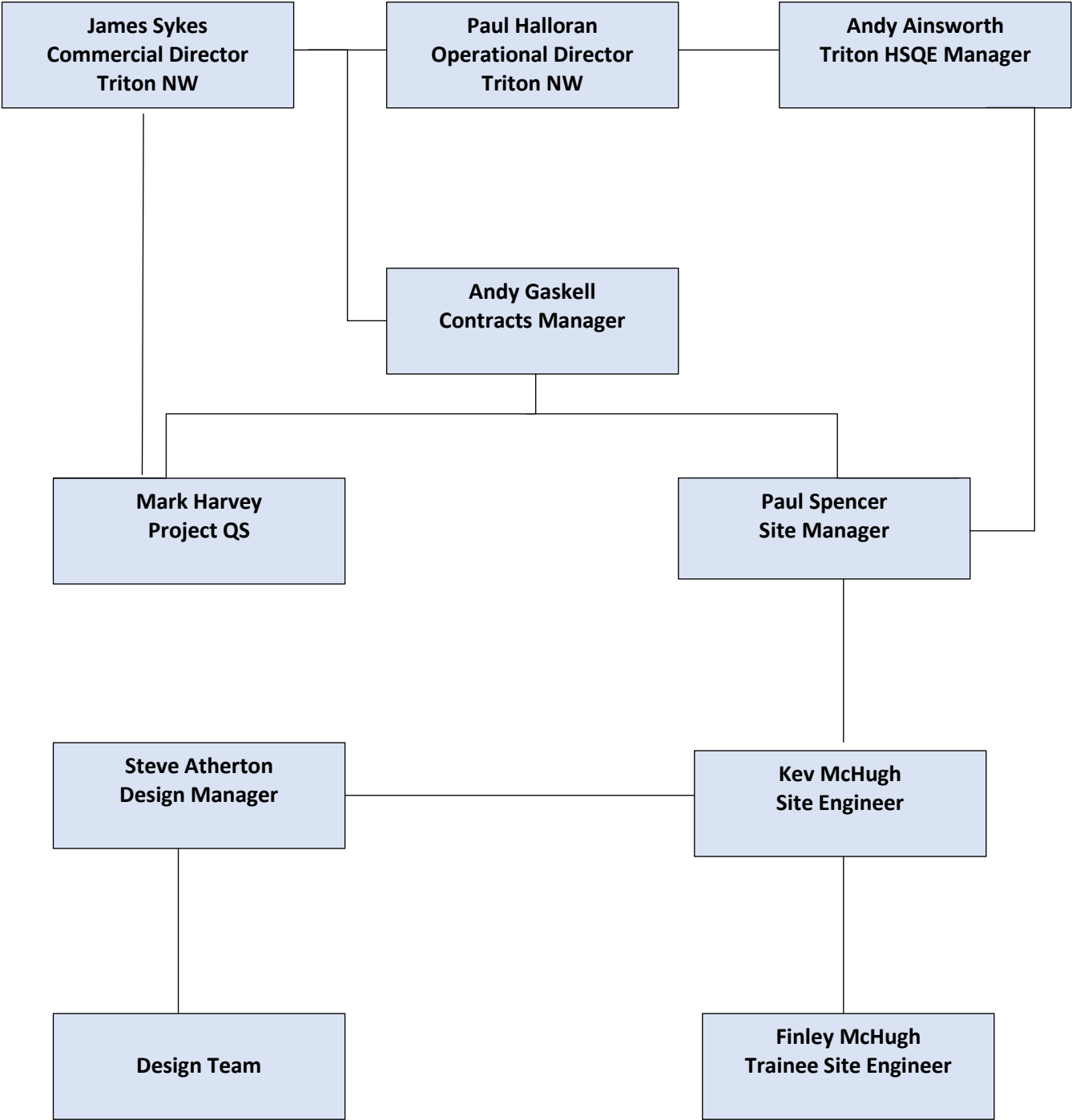
2	MANAGEMENT OF WORKS
2.1	Project Management Structure, Organisation and Responsibilities See below.
	The general responsibilities of all individuals are detailed within the company's Business Policy Manual, a copy of which is available via the company intranet and will be displayed on the site Health and Safety notice board. The Triton Project Manager has allocated the responsibilities for safety, quality and environmental duties to personnel within the project team (with appropriate deputies to cover absences).

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NW161 Pioneer House Organisation Chart

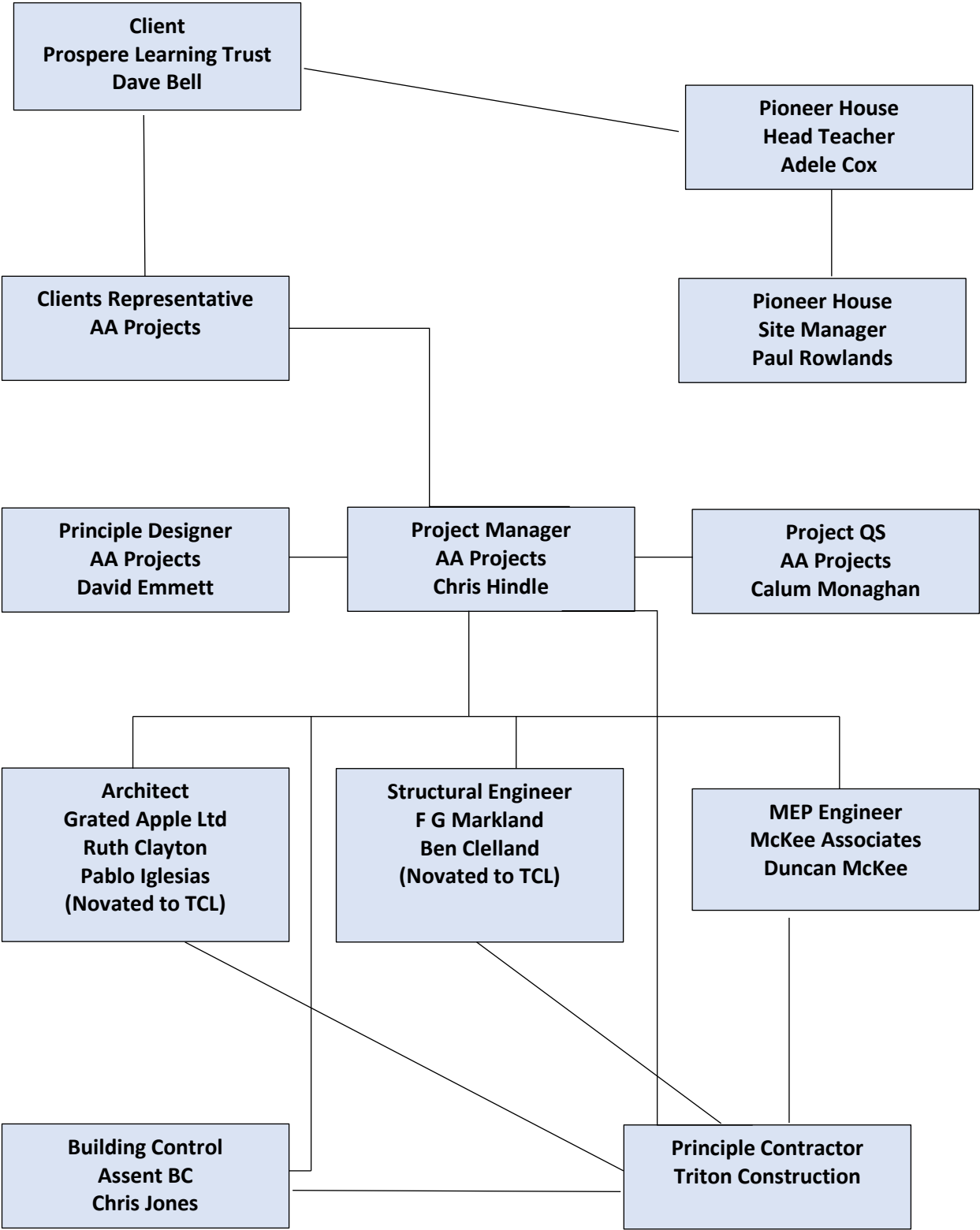


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NW161 Pioneer House Organisation Chart



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2.2	Project Health, Quality, Safety and Environmental Goals The health, safety, quality, and environmental goals for this project are: • Putting into practical effect the commitments made in the company's Health & Safety, Quality and Environmental Policy Statement and supporting documents • To comply with the requirements of all relevant health, safety, quality, and environmental legislation • To ensure adequate liaison and co-ordination between all parties during the construction phase of the project • To ensure a safe work environment for all those involved with or affected by the project • To complete the project without any reportable accidents, dangerous occurrences or environmental incidents occurring Specific objectives, targets and measures for this project are specified within Appendix 9 of this document considering the client's requirements.
2.3	Monitoring and Review of Health, Safety, Quality and Environmental Performance Project Performance will be monitored by: Planned Site Inspections Triton Construction Ltd shall monitor health, safety, quality and environmental standards and performance as follows: • Supervisors will visually monitor work areas, conditions, and performance daily. • Weekly-recorded health, safety, quality and environmental inspections by the Project Manager or their nominated Deputy • Spot checks of inspections, documentation (including registers) of those contractors listed in this plan as part of the weekly site inspection • Periodic recorded health, safety, quality and environmental inspection/audits by the Contracts Manager or HSQE Team • Monthly recorded reviews of this health, safety, quality and environmental plan, risk assessments and method statements • Sample checks of compliance with Method Statements and Permits to Work as part of the Weekly recorded health, safety, quality and environmental inspections Senior Management Site Inspections Arrangements for inspections and audits are described below; these are supplemented by inspections by the client: • Contracts Manager 1 inspection per month. • Project Manager 1 Inspection per week. • Health and Safety Manager (SHEQ) Audit every month during construction phase. Relevant outputs from inspections and audits shall be copied to the Triton Construction Project Manager for action and review as appropriate and a copy subsequently sent to Head Office to enable company performance monitoring, control, and trend analysis. All records shall be maintained within the site project file. The Triton Construction Project Manager shall review outputs as necessary to ensure all actions have been completed within set timescales.

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	Independent Audit Independent audit arrangements for the project are recorded in the Project Quality Plan. Project Review Project performance will be reviewed at monthly progress meetings held with the client. Triton Construction will provide a performance report at these meetings to allow progress to be assessed and reviewed. This plan shall be reviewed at least every four-weeks to identify changes required as a result of: • Changes to the scope of works • Changes to key personnel • New identified hazards • Findings of inspections or audits requiring changes to risk control measures • Findings of accident/incident investigations requiring changes to risk control measures. Proposed changes will be reviewed by the Project Manager before implementation, after consultation with relevant parties in advance if necessary.
2.4	Liaison Between Parties on Site The Contracts Manager and the Site Manager will ensure that all persons on site and other affected parties co-operate on matters relating to the health, safety, and welfare. Similarly, Triton Construction is committed to co-operating through consultation and liaison with all other parties connected with a project. The framework for co-operation will involve the following procedures: (a) Regular planned Progress Meetings and relevant joint meetings will be held to ensure continual liaison with the client and their representatives (b) Day to day contact between the Project Manager and the client's Project Team, to ensure continual monitoring of all site activities and progress (c) Site specific Toolbox Talks will be held on a regular basis. These are short safety presentations to ensure that employees and specialist contractors are kept fully informed of the control measures required for the site and generally keeping the safety message going. All employees and specialist contractors will be actively encouraged to "feedback" comments during this process, which will be considered by management for possible implementation (d) The Health and Safety Manager (HSQE Dept) will liaise with the Triton Construction Project Manager, Employees, Specialist Contractors, and client Project Team during their site audits Note: the following provides an outline of the standard agenda that shall be followed at safety and progress meetings to review health and safety management of the project: • Actions required following any previous meeting(s) • Health and Safety planning of future work(s), including the required liaison with Designers, Principal Designer, Contractors, and the client Project Team

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	Report on leading and lagging health and safety indicators including incident / accident statistics, investigations, and findings.
2.5	Consultation with the Workforce Triton Construction recognises the importance of effective two-way communication within the company and specifically on site. Information will be distributed utilising regular team meetings within the company and by the way of safety alerts and toolbox talks. The Site Manager will ensure that regular consultation between managers / engineers and site representative is undertaken. Site staff are encouraged to participate in safety initiatives. The Site Manager is responsible for ensuring that all site staff, which includes contractors, receive site-specific briefing and that they attend the relevant meetings, as appropriate.
2.7	Design Co-ordination The arrangements for dealing with design alterations and other major changes in work operations are detailed in the fully developed design control procedures within the quality management system The interface with Third Parties will form a major part of the communication process. Key representation of all parties will be invited to participate in any risk assessment, planning process etc. which may ultimately affect their activities. This will be achieved by regular progress/liaison/communication meetings. The interface with other designated contractors will be reviewed at the individual pre-start meetings and reviewed continually throughout the project. The Site Manager will co-ordinate the interaction processes and ensure that all the individual 'safe systems of work' can operate simultaneously. During the design process, the Triton Construction Design Co-ordinator, in liaison with the design teams, has endeavoured to "design out" hazards of construction, maintenance and cleaning of the structure, or where this is not possible, to minimise the risks of such hazards, as is required by Regulation 7 and 11 of the CDM Regulations. Where it has not been practicable to remove a hazard completely, there will be a residual risk. Designers' Risk Assessments/Risk Log shall be updated, as required, throughout the design and construction process and communicated with the Principal Designer as required. The responsibility of the Design Co-ordinator is to ensure: - Designers have sufficient information to undertake design - Design Output is produced on programme - Technical Queries are resolved in a timely manner - Multi-Disciplined Design has Inter Disciplinary Checks undertaken - Documented Design Review Meetings are held at appropriate intervals and minutes distributed - Checking Process, as required by the contract is undertaken - Design and Check Certificates are produced which reference applicable standards - Design documentation and drawings are issued in a controlled manner. - Design is developed to eliminate or mitigate risks ie. Design Risk Assessments undertaken and reviewed regularly at the Design Review Meetings.

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2.7	Design Change Control Any eventuality during the works that would result in a change in the design must be communicated to the Principal Designer immediately by the Triton Construction Design Co-ordinator. Any such change in the design must comply with the requirements of Regulation 7 and 11 of the CDM Regulations and must be subject to the same risk assessment procedures as any other design feature. If, after the works stage commences, the design changes, unforeseeable circumstances arise or Triton Construction wishes to change the original principles, the Design Co-ordinator will agree any necessary variation with the Principal Designer and Client before proceeding with any changes. However, if emergency action and changes are required, the circumstances must be communicated to the Principal Designer as soon as practicable after the event. Design change control shall be carried out by the following process: • All design changes shall be facilitated by the Design Co-ordinator in liaison with the Principal Designer and Client (through formal design meetings) • Complex and high-risk changes shall be thoroughly planned utilising extensive verification, validation, and design review being performed (via formal meetings with applicable stakeholders) • The Design Co-ordinator shall consider the verification and validation requirements for the proposed changes and determine the possible adverse effects on other functions. Cross-functional team members shall be tasked to review these decisions to ensure that appropriate design controls are implemented • Changes shall be identifiable by use of Triton Construction and Client document control systems. Information shall be allocated a unique drawing number, referencing, be brief, clear, precise, and in a form suitable for the users • Drawing numbers shall be updated via changes and a current/maintained drawing register utilised (controlled by the Site Manager) to ensure users are aware of correct and up to date revisions • The Design Co-ordinator shall ensure any amendments are clearly shown on documents or drawings (as applicable) and communicated to relevant stakeholders prior to work commencing Design change outputs shall be documented, reviewed (by the Design Co-ordinator), and approved by the Client before release for construction. The approval, including the date and signature of the individual(s) approving the output, shall be documented to ensure adequate control is maintained.
2.8	Selection and control of Contractors and Suppliers Specialist contractors will be assessed and approved in accordance with the documented quality procedures, Management of Specialist Contractors. The procedure is designed to ensure that appointed specialist contractors are competent in the work they are contracted to undertake. The suitability of a specialist contractor to carry out the proposed work is assessed and verified by the Site Manager in conjunction with the Contracts Manager and/or the Health and Safety Manager, where applicable. The specialist contractor must, prior to any work commencing, provide the following information regarding his proposed personnel: • Certificate of Competency signed by the Director responsible for safety within the specialist contractor's organisation • Medical self-assessment signed by the operative

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- Copies of all relevant training certification cards (e.g. CSCS cards, plant operator's cards, etc)
- Details of any young or inexperienced workers and the control measures to be used to manage health and safety risks.

The Site Manager will assess/check the competence and training of each nominated person to ensure they are properly qualified to a level commensurate with the duties on which they will be engaged.

In addition, the Site Manager will ensure that all personnel can understand written and oral English to a standard appropriate to their role.

Each person will be approved, or rejected, as suitable for employment on the Triton Construction site. Additionally, performance will be monitored on an ongoing basis during the project.

Triton Construction will provide contractors and visitors with a 'safe working environment'. All specialist contractors must meet the following safety standards before being appointed to the project:

- All specialist contractors must have an internal safety management system and/or an appreciation of general safety procedures applicable to our work operations
- All specialist contractors must nominate an individual responsible for Health and Safety on site
- All specialist contractors must work within the site-specific rules laid down at project commencement.
- All specialist contractors must attend a Site-Specific Safety Induction given by the Company's Site Manager prior to commencing work. Records are maintained of all safety training and individual specialist contractors must complete and sign the confirmation of training record
- All specialist contractors must report any accident/incident/near miss that occurs on the working site
- All specialist contractors must ensure that their work programme accounts for any potential interactions caused by the scheduling of works that have Health and Safety implications
- All specialist contractors must provide the following information, when requested, regarding their work operations:
 - Risk Assessments (Specific)
 - COSHH Assessments (Specific)
 - Method Statements (Specific)
 - Details of personnel – see Training below

All work activities will be subject to a detailed Risk Assessment and Method Statement. Specialist contractors will submit their Risk Assessments and Method Statements to the Site Manager for approval.

Triton Construction will maintain a site presence throughout all works to co-ordinate between potentially conflicting work activities and provide supervision of the works.

A list of appointed contractors is available at all times for review. Details of the management representative for each contractor are contained within this appendix, along with emergency contact numbers should contact be required outside of normal working hours or when the contractor is absent from the site.

The performance of each Specialist Contractor is reviewed at the end of each project by the Site Manager and Senior Management Team. The outcome of each review results in either re-approval for continued use, placing on special monitoring or suspension from use.

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	Selection of Materials Materials selected for use during the contract will be supported by relevant health and safety information to ensure adequate risk controls are identified and implemented during its use and for inclusion in the Health and Safety File. Typical information may include Material Safety Data Sheets for substances, and certificates of conformity for materials. This information will be used to determine the correct working practices for storage, handling, use, installation, and disposal; as appropriate. Selection of Plant All plant used by directly employed operatives is externally hired. Specialist Contractors will provide their own plant and equipment. In all cases the Site Manager will ensure that the relevant statutory certificates and maintenance inspections are being carried out effectively. The plant hire companies are responsible for testing and maintaining all hired plant.
2.9	Information Sharing Between Contractors During the project, information will be exchanged and subsequently disseminated between Triton Construction, the client's representatives, and Contractors by means of: • Daily shift briefings inclusive of a two-way communication forum (task discussion, questions, answers, and discussion on current activities). • Formal site safety meetings inclusive of relevant safety briefing. • Attendance to regular Contractor's safety meeting covering health and safety topics, site initiatives and key learning points. • Joint inspections and performance review regarding health and safety issues/best practice.
2.10	Site Security The Site offices, welfare and compound area will be in a clearly designated area. Site offices, welfare, and compound areas will be secured against unauthorised access when not occupied. Layout plan(s) of the site including security arrangements, access points etc can be found on the site plan. The level of security measures (type of fencing, barriers, warning signs, lock-up containers, additional lighting etc.) will be determined by the contents of the compound, nature of the works and assessed vandalism risk. All temporary fences and hoardings will be designed to exclude and protect the public and other unauthorised persons from the activities and will be securely fixed and maintained in good condition. They will provide adequate levels of fire protection and constructed from materials suitable for the task. Gates will be closed and locked when not in use. Where appropriate, security personnel will be employed outside of normal working hours to protect company assets and prevent unauthorised access. To deter vandalism the company will ensure: • The site is secure • Plant is isolated in a secure area • Materials stored safely and away from perimeter fence • Prohibited storage of Flammable Material adjacent to perimeter fence • Display signage warning of dangers on construction sites

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	• Use solid hoardings to prevent clear vision of the site where necessary • Illuminate potential problem areas Employees of Triton Construction and its Contractors will not be permitted to access operational work area(s) until they have received a Site Induction covering essential HSQE information and site rules. Each person will sign in and out daily. This is used to record start and finish times on site and provides a checklist to ensure all persons on site have departed or as a rollcall in the event of an emergency.
2.11	Site Induction All Triton Construction employees, contractors and visitors will attend a Site Induction, which covers the company standards for health, safety, quality and environment management, including site rules and policies. A separate induction briefing is provided for visitors, giving a brief overview but including the main safety and environmental hazards, risks, and control measures. An experienced member of staff will always accompany visitors whilst on site. A record shall be kept on site of all those who attend site inductions. Every person on site will attend regular briefings to reflect changes, which occur on the site, and covers the specific hazards, risks, and control measures in place on that day/during that period.
2.12	On-site Training All site personnel will attend a weekly toolbox talk. These are short presentations to ensure that employees and specialist contractors are kept fully informed of the control measures required for the site and generally keeping the safety message going. All employees and specialist contractors will be actively encouraged to “feedback” comments during this process, which will be considered by management for possible implementation. Specific project related training will be arranged as required to ensure all site personnel maintain the skills and knowledge required to act and behave safely; and respond to hazards and emergency situations.
2.13	Welfare Facilities and First Aid The welfare facilities for this project have been assessed against the requirements of legislation. The agreed level of facilities is specified in Appendix 1. The first aid arrangements for this project have been assessed against the requirements of the Health and Safety (First Aid) Regulations 1981. The ‘First Aid Risk Assessment Form’ is enclosed as Appendix 11. A ‘First Aid Notice’ will be displayed in prominent locations around the site and designated office accommodation. The nominated first aiders will take cognisance of holidays, sickness, and shift times and where necessary will be supplemented to maintain the relevant requirements. First aid provision, including approved training for nominated individuals and first aid kits and equipment, shall be maintained, and monitored frequently by the Site Manager through formal inspections and review.

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2.14	Reporting and Investigation of Accidents and Incidents As a minimum Triton Construction require all employees, specialist contractors and visitors to report: - Any personal injury arising out of or in connection with the projects work activities - Fires or any situation which could have resulted in a significant fire - Environmental incidents resulting in the pollution of water, air or land - Incidents and near misses which had the potential to cause injury, damage, or environmental harm. The Site Manager must be informed without undue delay of any accident or incident. <i>Accidents involving personnel injury</i> - Notify the Health and Safety Manager immediately by telephone - During normal working hours – contact 01724 280022 and ask for H&S Manager - Outside normal working hours – call (<i>site manager's telephone number to be entered</i>) <i>All Other Accidents and incidents</i> - Complete an initial accident/incident report form and submit to Head Office within 24 hours - The H&S Manager, in conjunction with the Project Manager, will identify and report any accidents/incidents which require reporting to the HSE under RIDDOR 2015 - All accidents/incidents will be assessed by the H&S Manager to identify those which require further investigation. The assessment will be based upon the actual or potential severity or consequences of the event. The H&S Manager will investigate these accidents/incidents or appoint a nominated person - Recommendations and lessons learnt from any investigation will be reviewed by the Triton Construction senior management team and the completion of all corrective/preventive actions will be monitored by the H&S Manager
2.15	Production & Approval or Risk Assessments and Written Safe Systems of Work Method Statements shall be approved by nominated managers/supervisors with the knowledge, competence, and experience to conduct an independent review of the adequacy of the document (in relation to the hazards identified and risk control measures specified). Every method statement must be accompanied by a risk assessment. All changes to the programme of planned work, including methodology and risk control measures, maybe subject to a revised risk assessment and the revision/amendment of the Method Statement. The Contracts Manager will approve all changes before the changes are implemented. All programmes, schedules, current method statements and risk assessments will be reviewed monthly as part of the progress meeting. Method statements are briefed to relevant project personnel and all workers involved or significantly affected by the task under consideration. This briefing shall be given prior to the work being undertaken and records of such briefings retained on site. As part of the Triton Construction overall safety policy, a Daily Shift Briefing shall be held at the start of every shift. This supplement the Method Statement Briefing as it ensures all on site are aware, reminded of general safety issues and that workers have reviewed their own work area/activity.

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2.17	Site Rules Site rules for the management of health, safety, quality and the environment have been established for this project. These rules have been developed to be appropriate to the risks faced on site and incorporate rules imposed by the Client, and in line with Triton Construction policies and procedures. Site rules form part of the overall site induction and are monitored to ensure their suitability. Site Induction/ Briefings /RAMS. • All working operatives must attend the site induction before they are permitted into construction areas to work • All operatives must have in place and understood an approved RAMS for their work. • Visitors must attend a short induction before they are permitted into construction areas. They must be accompanied and always supervised when on site • All personnel must attend a daily briefing at the start of every shift before starting work, all personnel must ensure they know and understand the contents of the relevant Task Briefing and any other information provided. General • Obey all warning and hazard signs • No playing of radios or similar • No abusive language, wolf whistling or similar • When using a mobile phone stand in a position of safety and do not walk around • Never report for duty when under the influence of alcohol or drugs Personal Protection • The minimum Personal Protective Equipment to be worn by everyone in construction areas is Hi-Visibility Vest, Safety Footwear (no Rigger Boots), Safety Helmet, Long Trousers and Sleeved-Top. • Gloves must be worn for all manual tasks • All other PPE issued for your protection must be worn Welfare • Smoking is not permitted in working areas. Smoking will be restricted to designated outside locations adjacent to the welfare facilities • Take all necessary precautions to prevent fires. Know where fire-fighting equipment is kept, but only use it if trained to do so • Food and drinks must only be consumed in the welfare cabins provided • Care must be taken on site in respect to hygiene – Leptospirosis (Weils Disease) Access, Storage and Waste Disposal • Keep work / storage areas tidy and access routes always clear • All plant and materials must be securely stored when not in use to prevent misuse by vandals and theft • Waste must be removed to the correct storage facility regularly and always by the end of the shift • Ensure fuels and other hazardous materials are correctly stored, and obey COSHH guidelines • Know where the 'spill kit' is kept and how to use it
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Traffic Management

- Vehicles will not park or wait on the public highway
- Vehicles will be escorted through public areas by a banksman, the public will always have the right-of-way
- All public roads and walkways will be kept free of mud and loose materials
- Maximum speed limit for all vehicles on site is 5 mph
- Tipper wagons must not be driven with the back up

Pedestrian Routes for Site Personnel

- Plant, Equipment and Materials shall not be taken through public areas if an alternative segregated route is available
- Where it is necessary to use a public area, busy times will be avoided, and banksmen shall be used to ensure a safe distance is maintained from the public. The public shall always have the right of way

Plant and Equipment

- All Plant must be inspected/checked daily before use, defective plant must be quarantined /immobilised until repaired
- All Plant must have the keys removed when not in use
- Plant engines must be switched off when not in use (no idling)
- Plant and Equipment must not be left unattended
- Plant operators must always carry their certificates of competence

Construction Operations

- Exercise extreme caution when digging buried services, CAT Scans and Permits to Dig, obtain drawings where possible, seek local knowledge of services
- Spikes and pins must not be driven into the ground without written approval
- Noise must be always kept to a minimum
- Comply with all Temporary Works procedures / Permit to Work systems
- Only competent persons who are authorised to do so may erect alter or dismantle scaffolding

Emergency

- All accidents, incidents and near-misses MUST be reported immediately
- Report all injuries, dangerous occurrences and near misses to Project Manager/Supervisor
- Report immediately any damage you have seen or caused
- In the event of a fire, raise the alarm and follow procedure on Fire Evacuation Notice
- Know who your site First Aider is and where equipment is kept

Active and re-active monitoring to achieve compliance with legal requirements and the safety rules above shall be carried out daily by site supervision and management. This shall be achieved by observing the workforce carrying out daily tasks and carrying out weekly site inspections.

All employees and contractors working for Triton Construction are encouraged to report any breach of a safety rule or legislation to the Site Manager. This will be dealt with in confidence and suitable actions will be implemented by the site management team to correct and prevent further occurrence of breaches. Key learning point information shall be included in the weekly meetings held on site.

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2.17	Fire and Emergency Procedures Fire Procedures The Site Manager is responsible for the development of suitable fire arrangements, which includes: • Nominating Fire Wardens to deal with any fire and evacuation, with the individuals identified on the Fire Evacuation Notice. • Provision and location of suitable Fire Fighting Equipment • Method of raising the alarm (if no fixed warning system is available a manual siren or air horn will be used) • Identification of evacuation routes and muster point • Identification of any high-risk areas where additional fire precautions are required. Where the work is undertaken within another party's premises, e.g. client's existing premises, the Site Manager will ensure full consultation takes place regarding fire arrangements and evacuation routes, prior to any work being undertaken. Fire Reporting In the event of a fire occurring on site, the Project Manager will compile a Report and submit it to both the Client and the Triton Construction Ltd. Health and Safety Manager. Fire Precautions Site Supervision and operatives will receive sufficient fire safety training to enable them to identify possible fire hazards, suitable preventive and remedial actions and ensure appropriate action is taken to protect personnel in the event of a fire. Triton Construction shall take strict precautions to protect the works, adjacent property and all persons from fire. Temporary Fire Points will be located within each working area. The extinguishers shall be housed in a temporary fire point stand which is easily recognisable and accessible. The extinguishers will be serviced and tested in accordance with recognised national standards. The following rules will be observed: • Local non-smoking restrictions will be applied • Waste or other material will not be burned on site • Gas cookers and gas or petrol heaters will not be permitted without a specific risk assessment being completed and the approval of the Health and Safety Manager. In below ground locations no gas cookers and no gas or petrol heaters shall be used. Water shall only be heated using electric immersion heaters and space heating must be by electric convection heaters • Power sockets shall not be overloaded at any time. Any adapters which, when used with electric equipment and power outlet sockets could lead to such over loading shall not be used • The use of gas cylinders for appropriate works will be undertaken with the prior agreement of the Client and a Hot Work Permit must be used to control the activity • Suitable and sufficient fire extinguishers will be available to meet the risks of the operations being carried out, which will be maintained according to national standards. • Firefighting equipment provided to comply with Hot Work Permits is in addition to the equipment placed within the temporary fire points • Temporary coverings used during construction and refurbishment must not add significantly to the fire load or the potential for fire growth and spread, where reasonably practicable the coverings shall be fire retardant
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Mandatory emergency notices for the project, will be briefed to all site personnel as part of the induction and posted on the relevant notice boards. Mandatory notices include Emergency Contact Numbers, Hospital Route Plan, First Aid Notice, Fire Evacuation Procedure and Environmental Emergency Procedure.

NOTE: Should mobile telephones be the primary means of contacting emergency services then integrity of the signal must be proven to be robust in all the work site locations.

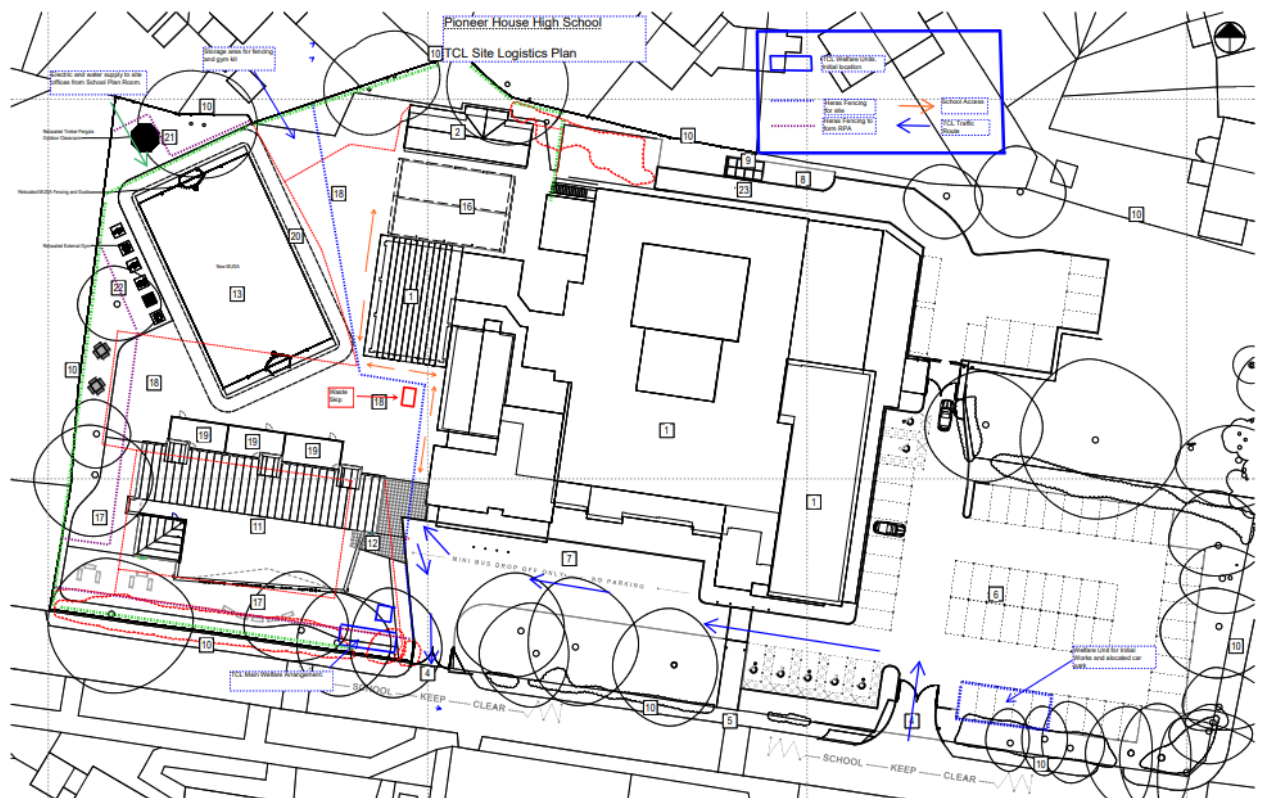
3	ARRANGEMENTS FOR CONTROLLING SIGNIFICANT SITE RISKS
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As part of the initial project review a 'Project Risk Assessment' has been undertaken. The purpose of the assessment is to identify the significant risks associated with the project and specify the broad controls to be used to manage the risks. The assessment is reviewed at least monthly by the Site Manager.

Specific risk assessments will be produced throughout the project for various activities, situations etc and aligned with specific Method Statements. These will be supplemented by specific company safe working procedures where these are applicable to the relevant project activities.

3.1	Site Access / Egress for Vehicles and Plan (including Risks to Public)
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(Enter site plan with above details)



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3.2	Utilities and Services – Overhead and Buried Work under or near to overhead services shall be conducted in accordance with the HSE Guidance Note 'GS7 – Avoidance of Danger from Overhead Power Lines'. A specific safe system of work will be documented within this plan or a relevant method statement. Contact will be made with the Local Electrical Network Provider – (include name of network provider) Work involving excavation or ground penetration of any nature will be conducted in accordance with Triton Construction Permit to Dig. A specific safe system of work will be documented within this plan or a relevant method statement.					
3.3	Adjacent Land Uses (Enter information regarding Adjacent Land to the project site)					
3.4	Structural Stability – Existing and Temporary Structures Triton Construction shall provide all necessary temporary structures, screens, lighting, guard rails, barriers, protective sheeting, fencing, sheet piles and warning signs etc. to ensure the safety and protection of personnel and the works. The location of such measures shall not affect the visibility of speed restriction boards etc. or access to places of safety; and will not be erected without the prior consent of the clients representative and consideration for the safety of roads, waterways, and railway infrastructure. Fixed temporary lighting will be installed in accordance with the IEE Regulations and other relevant legislation, completion certificates and periodic inspection records will be retained on site. Visible warning lights will be fixed to all hoardings erected on roads or pavements which shall be illuminated throughout the hours of darkness and during poor visibility. Temporary works designs shall be produced and proven prior to any installation, such as sheet piles and cofferdams during the project. Prior to commencing installation, Triton Construction shall ensure that a relevant specific method statement and risk assessment is prepared, reviewed and approved. Once installed, all temporary works structures shall be inspected by a competent person as per the outcome of the design requirements (frequency). Standard inspection frequency shall consist of: <table border="1" data-bbox="240 1570 1514 1771"><tr><th rowspan="2">Place of work (activity)</th><th colspan="2">Timing & Frequency of Checks / Inspection</th></tr><tr><td>Inspect before work at the start of every shift</td><td>Inspect after any event likely to have affected its strength or stability</td></tr></table> Temporary works shall be inspected at the start of every shift, (only one report is needed in any seven-day period). However, if something happens to affect its strength or stability, and/or an additional inspection is carried out, a report must then be completed by a competent person and retained within the site project files.	Place of work (activity)	Timing & Frequency of Checks / Inspection		Inspect before work at the start of every shift	Inspect after any event likely to have affected its strength or stability
Place of work (activity)	Timing & Frequency of Checks / Inspection					
	Inspect before work at the start of every shift	Inspect after any event likely to have affected its strength or stability				

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	The Site Manager shall monitor compliance via the safety inspection process as appropriate. Note: Temporary works shall be approved prior to works enabling suitable design, construction and built of sufficient strength and capacity for the purpose of its specific installation and any required alteration. Dismantling operations shall be supervised by a competent person nominated by the Site Manager.
3.5	Preventing Falls Triton Construction will ensure that all work at heights is planned and carried out in accordance with The Working at Height Regulations 2005. A safe system of work will be developed and documented within a method statement before such work begins. Scaffolding erected for working at height shall be designed and erected by competent personnel, in accordance with BS5973, BS5974 and BS2482, with all necessary statutory inspections completed before initial use and thereafter, once every seven days. Warning notices shall be used to identify any scaffolding which is unsafe to use. All boarding, weather sheeting or brick guards will be secured against accidental displacement and shall be a dark colour (on no account may the colours red, green or yellow be used in a location visible to train crew). Ladders used on the site shall be constructed in accordance with BS1129 (Timber) Industrial Grade or BS2037 (Aluminium) All ladders, trestles and staging's and other protective measures employed for working at height will be inspected on a weekly basis by the Site Manager or nominated deputy. All scaffolds and falsework will be designed, constructed, used and dismantled in accordance with relevant British Standards and HSE guidance. All scaffolds and falsework will be designed and certificated by a competent person before being used for the first time. All persons who erect, dismantle, or inspect scaffolds or falsework shall be competent and certificated by the CITB to a minimum basic standard (or equivalent). Supervisors of such work shall be certificated to advanced level. Scaffolds with mixed tubes of steel and aluminium, or stitch welded aluminium tubes, are not permitted and the minimum thickness of scaffold tubes shall be 4mm. Tower scaffolds will always be secured against the effect of wind and wheeled tower scaffolds shall have, in addition to brakes on the wheels, arrangements to prevent any unplanned movement of the scaffold. When used in the vicinity of live electrical equipment the requirement for earthing shall be considered and implemented as necessary. The minimum horizontal and vertical clearances of scaffold to enable pedestrian movement shall be 3m horizontally and 2.5m vertically unless alternative dimensions are identified by the client. Scaffolding in operational areas shall have the first 2m from the ground marked to increase visibility. Where any scaffold spans an area where persons may pass, the scaffold must be constructed to ensure that no objects, materials, or liquids (except rainwater) can pass through to the area below.

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3.7	Working with or Near Fragile Materials Not Applicable on this project.
3.7	Control of Lifting Operations All lifting equipment (cranes, hoists, lift trucks, load-all etc.) and lifting accessories (chains, ropes, slings, eyebolts etc.) will meet the requirements of the Lifting Operations and Lifting Equipment Regulations 1998. Current examination/test certificates for all cranes, lifting equipment and lifting accessories will be available on site and checked before any lifting operation is undertaken. Competencies of crane/lifting equipment operators will be confirmed before any lifting operation is undertaken. All crane operations must be planned and carried out in accordance with the current editions of CP3010, BS7121 and BS5744. Crane operations will be planned to ensure an adequate safe system of work is developed and documented in a lifting plan approved by a competent person. Particular attention will be paid to crane operations adjacent to highways, railway lines and operational buildings and structures.
3.8	Maintenance of Plant & Equipment All plant and equipment used on site will be in a serviceable condition and suitable for the work being carried out. Plant and equipment will be supplied with relevant inspection/servicing certificates, which will be checked and kept in the site file. Weekly visual inspections of plant, power tools and lifting equipment will be carried out by the Site Manager or a nominated deputy. Records will be maintained on site to comply with the Provision and Use of Work Equipment Regulations 1998 (PUWER). Any unserviceable plant or equipment shall be immediately secured/quarantined to prevent use until either; it is repaired or removed from site. Drivers of all mobile plant are made responsible for the efficient running/daily maintenance checks of their equipment. All Drivers/Operators shall be competent and hold a valid CPC card (or equivalent certificate of competency). Plant Daily Inspection checklists will be used on each specific project and these will form part of the audit framework. Defects will be reported immediately to the Site Manager and all subsequent actions documented and followed through to compliant resolution. All mobile work equipment, used on the Project, which is assessed as being at risk from rolling over, shall have suitable protection measures fitted, for example a structure frame or cab, which, in the event of rollover will prevent the work equipment from crushing the operator or people being carried. These shall also be provided with a restraining system if the operator or people being carried are likely to be injured through contact with the inside of the structure frame or cab or ejection from the work equipment during rollover. No unauthorised passengers will be allowed on mobile plant. All mobile plant with long reach facilities will be subject to positioning and clearance restrictions.
3.9	Work on Excavations or Areas with Poor Ground Conditions Work involving excavation or ground penetration of any nature will be conducted in accordance with Triton Construction Permit to Dig. A specific safe system of work will be documented within this plan or a relevant method statement.

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	The risk of unintended excavation collapse will be controlled by identifying the control measures in the method statement. Where temporary support is required, this will be installed to an approved design. All excavations will be inspected every shift and a written record of the inspection made every seven days by a competent person (selected and authorised by the Triton Construction Site Manager). Excavations shall be inspected: - <table><tr><th rowspan="2">Place of work (activity)</th><th colspan="3">Timing & Frequency of Checks / Inspection</th></tr><tr><th>Inspect before work at the start of every shift</th><th>Inspect after any event likely to have affected its strength or stability</th><th>Inspect after accidental fall of rock, earth or other material</th></tr><tr><td>Excavations which are supported to prevent any person being buried or trapped by an accidental collapse or a fall or dislodgement of material</td><td>✓</td><td>✓</td><td>✓</td></tr></table> The information on the excavation report shall include who made the inspection (competent person), date and time. Anything identified that could lead to a risk and any further actions that may be required shall be immediately reported to the Triton Construction Site Manager and works halted until resolved. Triton Construction shall ensure the competent person has the authority, skill, knowledge, practical experience and training to enable him/her to assess the risks arising from work activities as appropriate.	Place of work (activity)	Timing & Frequency of Checks / Inspection			Inspect before work at the start of every shift	Inspect after any event likely to have affected its strength or stability	Inspect after accidental fall of rock, earth or other material	Excavations which are supported to prevent any person being buried or trapped by an accidental collapse or a fall or dislodgement of material	✓	✓	✓
Place of work (activity)	Timing & Frequency of Checks / Inspection											
	Inspect before work at the start of every shift	Inspect after any event likely to have affected its strength or stability	Inspect after accidental fall of rock, earth or other material									
Excavations which are supported to prevent any person being buried or trapped by an accidental collapse or a fall or dislodgement of material	✓	✓	✓									
3.10	Works on Wells, Underground Earthworks or Tunnels (Enter information relating to the above or not applicable)											
3.11	Work on or Near Water (Enter information relating to the above or not applicable)											
3.12	Work involving Diving (Enter information relating to the above or not applicable)											
3.13	Work in a Caisson or Compressed Air Environment (Enter information relating to the above or not applicable)											
3.14	Work involving Explosives (Enter information relating to the above or not applicable)											
3.15	Traffic Routes and Segregation of Vehicles and Pedestrians Traffic routes within the construction site will organised in such a way that, so far as is reasonably practicable, pedestrians and vehicles can move safely and without risks to health.											

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	Every traffic route will be suitable for the persons or vehicles using it, ensuring there is sufficient separation between vehicles and pedestrians to ensure safety or, where this is not reasonably practicable there are provided other means for the protection of pedestrians. Every traffic route will be indicated by suitable traffic signs, road marking and lighting (where necessary), regularly checked and properly maintained. No vehicle will be driven on a traffic route unless, so far as is reasonably practicable, the traffic route is free from obstructions and provides sufficient clearance from structures, other vehicles and people. Triton Construction will ensure all vehicle movements which cross footways to enter or exit the site are supervised by a banksman. Highways and footways will be kept clear of mud and debris, as necessary.
3.17	Storage of Materials (including Hazardous Materials) and Work Equipment Materials shall be stored in an appropriate manner and in line with Triton Construction site standards / practices. Materials, where practical, shall be delivered on a 'Just in Time' principle to minimise site storage areas and potential hazards. Other controls to be adopted shall include effective storing, clearly marked storage areas and checking storage areas to ensure good housekeeping is maintained (by daily inspections). The storage of Highly Flammable and Flammable substances, including gas cylinders, shall be strictly controlled to control risk of fire and explosion. Adequate ventilation will be provided, and the materials shall only be used in accordance with HSE and industry codes of practice. The storage, handling and use of hazardous and dangerous substances will be assessed and appropriate control measures identified within either the Site Set-Up or activity specific method statement and risk assessment. This assessment shall identify the hazards arising from specific storage of any dangerous substance to be used and determine measures that will avoid or minimise the potential risk of a spillage or release to minimise the risk of a fire or explosion occurring at the storage location. HSE document 'L135 – Storage of Dangerous Substances' shall be utilised. All hazardous liquids shall be stored in a standard site flam-vault inclusive of containment area to ensure any spills are controlled, impact from operations is minimised and isolation from potential sources of ignition. Suitable training and supervision of site operatives shall be provided Relevant COSHH assessments (in line with HSG 193 – COSHH Essentials) shall be available to ensure adequate identification, hazards, exposure limits and control measures are in place prior to being used by personnel. This includes user PPE requirements and additional MSDS sheets from suppliers for unique product information. ALL hazardous materials shall be labelled correctly as per current requirements. All work equipment shall be stored tidily in secured containers to prevent unauthorised use, where practicable and when not in use, to ensure site is kept free of hazards. Equipment and materials shall be kept clear of access ways. Electrical cables, hoses etc. will be routed to avoid tripping hazards and potential damage from vehicles, persons, plant or equipment. Where cables

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	or hoses need to cross access ways they will be suitably boarded over or protected to eliminate tripping hazards. Allocated storage and lay-down areas shall be maintained, kept free of waste and barricaded adequately at all times.
3.17	Work on or Adjacent to Highways or Railway Infrastructure NA
3.18	Other Significant Safety Risks NA
3.19	Asbestos NA
3.20	Lead Coated Materials Triton Construction has a duty to protect workers from the harmful health effects of exposure to Lead. The Control of Lead at Work Regulations 2002 require those in control of work activities to identify personnel who may be exposed to lead, assess the likely exposure and, if considered significant, implement measures to control exposure and provide health surveillance. Triton Construction will always assume that structures and buildings have been painted with lead-based materials unless there is evidence to demonstrate otherwise. Sampling of paint will be undertaken, as necessary, to confirm the presence of lead before any activity, which could create fume, vapour or dust, such as welding/cutting/burning to painted structure or abrasive operations on paintwork (e.g. Sanding, scrapping, scabbling etc.) Where the presence of Lead is confirmed (or assumed) Triton Construction will conduct a risk assessment and produce a relevant method statement to protect personnel from exposure. The planned safe system of work will be designed to comply with relevant legislation and client requirements. This shall include: • Ensure that an agreed safe system of work (inclusive of method statement and risk assessment control measures) have been briefed out fully to relevant personnel • Provision of necessary protective clothing (PPE) and respiratory protective equipment (brief on returning such at the end of the shift/day to the approved containment area provided by Triton Construction) and inspection of condition prior to use • Ensuring a high standard of personal hygiene is carried out by affected personnel i.e. washing hands and face, provide changing facilities - preventing cross contamination etc • Keeping the immediate working area as clean and tidy as possible • Provide extraction and ventilation were deemed significant occupational exposure Triton Construction will, where relevant/applicable to activities, perform health surveillance: • Where significant exposure limit, measure the air quality and record results (ensure results are available for individual personnel) • arrange blood lead testing for all affected personnel before work starts • maintain a register of all personnel exposed to lead • arrange blood lead testing for all personnel at intervals recommended by a medical practitioner and at the end of the works

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	Triton Construction personnel will be made aware of the hazards from Lead and should any suspected material be discovered during the works, the work will be suspended until confirmation of the type of material involved. Lead contaminated materials will be segregated from other wastes and disposed of as Hazardous Waste in accordance with environmental legislation. (Include if this is expected on the project or not)
3.21	Contaminated Land Material Management Plan will be completed. No contaminated materials expected.
3.22	Manual Handling To comply with the requirements of the Manual Handling Operations Regulations, Triton Construction will implement the following measures during activities: • Avoid, so far as is reasonably practicable, manual handling operations, which involve the risk of employees being injured • Provide mechanical means of handling wherever possible to reduce the overall levels of manual handling • Carry out suitable and sufficient risk assessment of hazardous manual handling operations that cannot be avoided • Reduce the risk of injury to lowest level reasonably practicable • Consult, inform and train employees in manual handling operations
3.23	Use of Hazardous Substances (including Health Monitoring) COSHH register in place and any specific materials stored correctly
3.24	Noise The company's risk assessment procedure will be used to identify activities which involve a risk from exposure to noise or vibration. Suitable and sufficient control measures will be summarised in the Risk Assessment and/or the activity specific method statement. To comply with The Noise at Work Regulations, Triton Construction Ltd will undertake to reduce to the lowest level as is reasonably practicable, the risk to Health and Safety from noise at work by implementing the following measures: - • Procuring machinery and equipment, where reasonably practicable, that has been designed or has had equipment fitted to reduce noise to an acceptable level • Carry out noise assessments (recorded) where employees are likely to be exposed to noise above the action levels currently set at 80 dB(A) and 85 dB(A) • Clearly define and signpost zones where hearing protection is required. • Reduce and control noise at levels above 85dB (A) • Provide well maintained hearing protection as a secondary measure • Provide employees with adequate information, instruction, and training, including their participation and consultation Best Practical Means will be employed at all times and in all areas to minimise noise and vibration from the proposed works. The control measures shall include: No Idling Policy - All equipment will be shut down when not in use, vehicles will be required to switch off engines if waiting unless required for operational reasons. This will be briefed out to all associated project staff and contractors by means of the daily briefing process.

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	Location of equipment - Semi static equipment will be sited and orientated as far as reasonably practicable away from occupied buildings or as close as possible to any screening. Enclose working area with an acoustics screen (to be as close as possible to the source of the noise) as required. Power Supply - If generators are required, low noise models shall be selected to ensure noise is kept to a reasonable operating level and does not exceed scheme limits. Screening of plant, worksites, and compounds - Generators, compressors and pumps etc, where required for operations will be silenced and screened as appropriate, however it is generally impractical to position noise screens line-side due to space constraints and difficulties associated with positioning on the ground surface. Significant and sensitive areas will be screened for certain activities through site assessment and shall be considered by the Triton Construction Ltd Project Manager. All other relevant work areas unaffected by constraints shall be suitably screened to mitigate noise and visual nuisance as required by legislation. Materials handling - All materials will be handled, stored, and used in a manner that minimises noise during the construction phase. Where plant/vehicles are utilised for materials handling, the provision of white noise alarms (where applicable)/and or reversing alarms and banksmen shall be available. Loud reversing alarms shall be disconnected in certain circumstances (time of day or close to sensitive receptors / operations) and a banksman allocated to ensure noise nuisance is reduced and to maintain safe working practices. All personnel will be subject to the generic site rules governing shouting and the use of inappropriate language. Shouting and raised voices will be kept to a minimum except in cases where warnings of danger must be given. To ensure that the requirements to minimise noise and vibration levels are achieved and that noise and vibration targets have not been exceeded, Triton Construction where applicable, will undertake a noise and vibration monitoring programme by a suitably qualified practitioner or regular surveillance by the Site Manager.
3.25	Vibration The Vibration at Work Regulations apply to all Triton Construction activities which give rise to risk to persons Health and Safety arising from exposure to vibration at work. To comply with these regulations Triton Construction will implement the following measures during the works: • Make a suitable and sufficient assessment of the risk created by such work to identify the measures that need to be taken to meet the requirements of the Regulations • Ensure that risk from exposure to vibration is either eliminated at source or, where this is not reasonably practicable, reduced to as low a level as is reasonably practicable • Ensure that employees are not exposed to vibration above exposure limit values • If the risk assessment indicates that there is a risk to the health of employees who are, or are liable to be, exposed to vibration, the Company will ensure that such employees are placed under suitable health surveillance • Provision of adequate information, instruction and training to employees regarding the risks associated with the activity and the correct procedures to be followed.

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3.27	Work with Ionising Radiation NA
3.27	Exposure to UV Radiation (from the Sun) Triton Construction shall monitor workers exposed to UV radiation during the works. Specific assessment shall be carried out prior to activities and the following personal protective equipment will be utilised where applicable to the situation: • UV-blocking safety eyewear (goggles, spectacles, face shields, welding shields, etc.) with side-shields where applicable, • long-sleeved, closely woven clothing that covers as much of the body as practicable, and • sunscreen with a sun-protection factor (SPF) of 15 or higher and effective against UV-A and UV-B on all exposed skin.
3.28	Other Significant Health Risks The site team will implement the following safety documentation and control measures in line with CLC Site Operating Procedures, Government and NHS guidance as follows: • Triton COVID-19 Procedure. • Triton COVID-19 Appointed Person Procedure. • Triton Coronavirus (COVID-19) Health Risk Assessment. • Triton Coronavirus (COVID-19) Triton Location Risk Assessment. • NHS COVID-19 Early outbreak management “Test & Trace” process Social distancing measures to reduce social interaction between people will be implemented. Suitable & Sufficient cleaning & provisions will be in place and monitored accordingly. Stay Alert Awareness information guidance & information will be displayed in prominent positions onsite where required in line with CLC Site Operating Procedures, Government & NHS guidance.
4	HEALTH & SAFETY FILE
4.1	Purpose The Health and Safety File is required to alert those carrying out future construction works to the risks and allow them to decide how to work safely.
4.2	Layout, Format and Storage The Health and Safety File layout and format will be agreed with the client/Principal Designer with the first weeks of the construction phase and an internal programme will be agreed for the production and preparation of the relevant material. Triton Construction will supply the completed Health and Safety File to the client/Principal Designer in a timely manner after the practical completion of the relevant works
5	QUALITY MANAGEMENT
	Project Quality Plan to be completed.
7	ENVIRONMENTAL MANAGEMENT

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7.1	Environmental Policy This Construction Phase Plan has been formulated to ensure environmental risks associated with this project are adequately managed. Triton Construction Integrated Management Policy Statement, which includes Environmental, is reviewed annually by the Executive Management team and signed by the Managing Director. The policy statement will be displayed on site notice boards and communicated to employees and sub-contractors. Triton Construction environmental aspects and impacts register is available for review. Site specific assessment has been completed for the project. Several significant environmental impacts have been identified. Targets and responsibilities are stated for the significant impacts. The overall environmental objectives for the project are stated. The client pre-tender information identified relevant environmental information, which has been taken into consideration during the development of this management plan.
7.2	Legislation, Regulations and Other Requirements Triton Construction will carry out the contract in compliance with all applicable UK legislation. Triton Construction accepts that any procedures contained within this Plan do not prejudice any statutory requirements and guidelines that may be in force at any time during the project period.
7.3	Environmental Objectives and Targets Specific objectives and targets for this project are identified in CMP. These are based upon significant environmental impacts identified within the contract documents.
7.4	Environmental Management Plan The Environmental Management Plan shall be reviewed by site management every month, to ensure the contents remain valid. The findings of each review will be reported at the progress meetings.
7.5	Structure and Responsibility The Person with overall responsibility for compliance with this Environmental Management Plan and associated standards/legislation is the Site Manager. The project organisation chart and responsibilities are shown in Appendix 8.
7.7	Training, Awareness and Competence Triton Construction employees receive environmental awareness training as part of the company's core training matrix. In addition, site personnel receive training in site procedures for preventing and controlling environmental hazards and emergency response. Site employees and sub-contractors receive site specific information during the Induction Briefing, which is reinforced at regular intervals during the regular toolbox talk programme. No person will be allowed to work on site until they have been fully briefed.

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7.7	Internal Communication Triton Construction Integrated Management Policy Statement, which includes Environmental be displayed on site notice boards and communicated to employees and sub-contractors through the regular toolbox talks. The construction phase health and safety plan contain a schedule for regular progress meetings between the client's representative and Triton Construction site personnel. These meetings will be used to communicate and discuss environmental issues associated with the project. In addition, incidents and other environmental issues will be brought to the attention of the client's representative within 24 hours of the company becoming aware.
7.8	External Communication The arrangements agreed with the client's representative for consultation with the public. The company provide written notification to all parties affected by environmental impacts at least 14 days in advance of the work and provide details on how to report an environmental complaint to Triton Construction
7.9	Operational Control Adequate controls for the aspects of operation are highlighted in the register of environmental aspects and impacts.
7.10	Emergency Preparedness and Response The project Environmental Emergency Plan will be available on site.
7.11	Monitoring and Measurement Triton Construction site personnel shall conduct a formal safety, quality and environmental inspection on a weekly basis. In addition, the Contracts Manager will conduct an inspection every month. A member of the company H&S Manager will visit site and conduct an audit periodically.
7.12	Non-compliance, Corrective and Preventive Action The company's documented procedures for dealing with and closing out non-compliances will be used by site management to identify corrective and preventive action and monitor progress until completion of the agreed actions.
7.13	Records Records of environmental risks, incidents and information on environmental control measures will be kept in the site filing system and will form part of the Health and Safety File. The following Triton Construction procedures will be followed • Document Control • Quality Records • Associated work instructions and forms
7.14	Waste Management Plan The project Waste Management Plan will be available on site. The plan identifies:

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	• The waste types that will be generated during the project and the waste classification • Opportunities for reuse and/or recycling • The proposed method of storage, handling, and transportation of waste • The means of final disposal and the relevant consents and licensing requirements in compliance with statutory requirements • The reporting and monitoring procedures
7.15	Waste Minimisation The company will carry out the works in such a way that, so far as is practicable, the amount of spoil and waste to be disposed of is minimised. Any opportunities to minimise waste will be identified in the Waste and Energy Management Plan.
7	MANAGING SIGNIFICANT ENVIRONMENTAL ASPECTS Triton Construction will employ the 'Best Practicable Means' to eliminate or minimise the environmental impact of the aspects identified within this plan. The environmental aspects are recorded in Appendix 7. The environmental issues recorded in this table take legislation, contractual requirements, and environmental objectives into account. Measures to mitigate all Environmental Impacts are specified within the Aspect/Impacts Register. In specific cases where management action is required before a particular activity can commence an Implementation Plan has been drawn up to identify who is specifically responsible for completing that action before work progresses beyond that stage.
7.1	Permissions and Consents All permissions and consents have been identified and will be maintained in a schedule agreed with the Client identifying responsibilities for obtaining these permissions and consents. Those identified in the programme for obtaining permissions and consents must secure all environmental consents and permits and consult/liaise with all bodies considered necessary in relation to environmental issues. No agreement should be made, or commitment entered without the prior approval of the Triton Construction Project Manager.
7.2	Environmental Design Management Where Triton Construction are involved in the design of any element of the project, the company will assess the environmental aspects and impacts (positive and negative) of the detailed design, which may include material changes to the existing environment, the use of energy and natural resources, the emission of pollutants, the creation of nuisance and the elimination of waste. As significant environmental aspects and impacts are identified, the designer will establish environmental design aims that: • prevent, reduce or where possible remedy any significant negative impacts that might present a risk to the project and programme of works. • achieve best practicable environmental performance through innovative design.

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	These environmental design aims and the measures that are proposed to achieve them will be reported within the final design specification. On completion of the detailed design stage, the designer will produce a revised register of significant environmental aspects and impacts for use during implementation of the design. Where environmental risks and impacts are reduced through the design process, the register of significant environmental aspects and impacts, will be updated accordingly. The Triton Construction arrangements for dealing with design are detailed in the fully developed design control procedures within the quality management system. During the design process, the Triton Construction Design Co-ordinator, in liaison with the design teams, has endeavoured to “design out” hazards of construction, maintenance and cleaning of the structure, or where this is not possible, to minimise the risks of such hazards, as is required by Regulation 7 and 11 of the CDM Regulations. Where it has not been practicable to remove a hazard completely, there will be a residual risk. Designers’ Risk Assessments/Risk Log shall be updated, as required, throughout the design and construction process and communicated with the Principal Designer as required. The responsibility of the Design Co-ordinator is to ensure: • Designers have sufficient information to undertake design • Design Output is produced on programme • Technical Queries are resolved in a timely manner • Multi-Disciplined design has Inter Disciplinary Checks undertaken. • Documented Design Review Meetings are held at appropriate intervals and minutes distributed • Checking Process, as required by the contract is undertaken • Design and Check Certificates are produced which reference applicable standards • Design documentation and drawings are issued in a controlled manner • Design is developed to eliminate or mitigate risks i.e. Design Risk Assessments undertaken and reviewed regularly at the Design Review Meetings
7.3	Traffic Management Plan The Traffic Management Plan will be shown in Appendix 2
7.4	Noise and Vibration Management Triton’s priority will be to mitigate these issues at source. We shall also carry out secondary measures to prevent nuisance from both vibration and noise from affecting the day-to-day operations of the building users and anyone else who may be affected. A hierarchy of controls will be put in place for any operations which could generate dust or noise, namely looking at 1. Eliminate – for example, can service runs be re-routed to avoid the need to form a hole or chase? 2. Substitute – use of pre-formed materials to avoid cutting. 3. Control –noise suppression, sound absorbing screens etc Systems of work will be established to reduce noise and vibration where possible, such as screens, plant, ventilation etc., along with the use of appropriate PPE. Alternative methods will be considered to reduce noise when forming holes. For example, when creating the openings for the new services, concrete will be

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	stitch drilled and removed in larger pieces, rather than using breakers. Where noise cannot be avoided, such activities will be executed out of hours.
7.5	Complaints and Helpline The Site Manager will be available to receive any calls regarding the works and the site telephone number will be displayed to allow residents and businesses to make contact should they have an issue. These details will also be made available to the public and other interested parties at meetings, letter drops etc. Complaints will be recorded and dealt with in accordance with the Triton Construction's Complaints procedure to ensure the issue is investigated and resolved.
7.7	Dust Triton Construction will take all reasonably practicable measures to avoid nuisance dust arising from operations carried out on the site. Measures will include the damping down of site roads to reduce dust, containment of dusty products stored on site, and the use of local exhaust ventilation systems as necessary.
7.7	Air Pollution Triton Construction will take all reasonably practicable measures to prevent the occurrence of smoke emissions or fumes from plant, construction traffic, stored fuel oils and other substances. All plant will be kept in good repair, conform with the manufacturers or legislative emissions standards, and will not be left running when not in use.
7.8	Interference with Drains, Springs, and Watercourses All drains, springs and watercourses encountered through the construction process will be preserved to prevent the reduction in their original flow. All connections to mains, drains, pipes, watercourses, or other utilities will only be carried out after gaining the correct approval. <i>(Enter Not expected on this project if not applicable)</i>
7.9	Hydrology and Aquatic Resources Triton Construction will take all reasonable steps to avoid lowering the existing water quality of surface or groundwater and comply with any environmental standards such as aquifer protection zones, river water quality objectives and water quality standards. The use of herbicides will be subject to any restrictions in force, and records will be maintained of all applications made. The storage of hazardous substances including oils will include the provision of properly bunded areas so that in the event of a spillage or leakage no oil or other contaminant will be allowed to reach water courses or groundwater, including aquifers. <i>(Enter Not expected on this project if not applicable)</i>
7.10	Archaeology If potential archaeological remains are discovered, Triton Construction will stop working and seek advice from a known authority to determine the nature of the remains. The site will be protected during this process, and work will only continue after agreement has been reached with all concerned parties on the most suitable method. <i>(Enter Not expected on this project if not applicable)</i>

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7.11	Built Heritage Where work is carried out on listed buildings and/or structures and conservation areas Triton Construction will ensure that the impact is minimised wherever possible. Should consents be required they will be obtained prior to any work commencing. <i>(Enter Not expected on this project if not applicable)</i>
7.12	Ecology Triton Construction will comply with the relevant statutory provisions in respect of the protection of areas of nature conservation interest and of protected species and will as far as is reasonably practicable control and limit any disturbance to such areas. Where species are protected by specific legislation, Triton Construction will adopt the approved guidance. At no time will Triton Construction knowingly allow the growth in the wild of species specified within schedule 9 of the Wildlife and Countryside Act 1991. <i>(Enter Not expected on this project if not applicable)</i> Where work is carried out on listed buildings and/or structures and conservation areas the Company will ensure that the impact is minimised wherever possible. Should consents be required they will be obtained prior to any work commencing. <i>(Enter Not expected on this project if not applicable)</i>
7.13	Landscape and Visual Triton Construction will carry out its operations in such a manner to reduce, so far as is reasonably practicable, the disturbance to the landscape and townscape and the agreed restoration measures will be carried out in a timely manner. Trees within the site boundary will be given consideration for protection, particularly those subject to Tree Preservation Orders or located within conservation areas. Where consent is required for tree works, this will be obtained prior to work commencing. <i>(Enter Not expected on this project if not applicable)</i>
7.14	Boundaries Where the site is not naturally protected by existing retaining walls, parapets, or other barriers Triton Construction will provide temporary fencing and/or hoarding to maintain public safety, prevent visual intrusion and, where necessary, provide noise reduction barriers. The site boundary is shown clearly within the Health and Safety Plan for the project
7.15	Lighting Lighting which is to be used for security and safety will be maintained in such a state to prevent unnecessary interference with residents, road traffic, rail traffic, or other warning or navigational lights. The lighting arrangements for any activity are identified, assessed and documented within method statements.
7.17	Method Statements Method Statements are produced for all work activities. The agreed format and content of work packages complies with the requirements of contractual safety guidelines/applicable standards and 'Contract Requirements – Environment'.

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APPENDICES	
Appendix 1	Site Welfare Plan
Appendix 2	Traffic Management
Appendix 3	Fire Plan including Fire Safety Audit
Appendix 4	F10
Appendix 5	Induction
Appendix 7	Accident and Emergency Procedures
Appendix 7	Environmental Aspects and Impacts
Appendix 8	Project Organisation Chart
Appendix 9	Specific Objectives, Targets and Measures
Appendix 10	List of Appointed Contractors
Appendix 11	First Aid Risk Assessment
Appendix 12	Waste Management Plan

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RECORD OF CONSTRUCTION PHASE PLAN REVIEW

To be reviewed at least monthly

Date	Comments / Amendments Made	Signature