



Contract Title: Laithwaite Park – New Change Pavilion Clubroom Building			Contract No:	MS Reference:
Subject: Overall Enabling Construction and General Installation Works			WN-0311	EW-001
Author: Arwel Edwards			Date Produced: 05 Jan 2022	
1.0	Scope of the Works:	Construction of a Single Storey Changing Pavilion, multi-function clubroom and bar, education room and 215 space carpark. Demolition of the existing Changing room building.		
2.0	Date(s) to be Carried out:	A construction programme of the of the individual works packages is to be agreed with the client but works will commence in Jan 2022 and be complete by September 2022.		
3.0	Precise Location:	Location map attached.		
4.0	Access / Egress & Deliveries:	Phasing drawing and traffic management plan attached.		
5.0	Methodology:	 Galliford Site Offices and compound the site adjacent to Scott Land construction need of the whole parking. All Sub-contractor equipment compound will not become ow partners will be encouraged to site and adopt a vehicle sharing. A secure site boundary fence segregated from the working established off Scott land and established off Scott land and throughout the duration of the to walking routes are known in notices to be implemented in wider team. 	e. The compound will be e of the works and provents and labour will be manyerwhelmed during the minimise the numbering policy where appropriate at all time. Access I remain closed when not rely indicated around the works. Continuous liaisons works will ensure that an advance to enable appropriate works are as a second to the control of the control o	ne self-sufficient for the vide areas for contractor aged such that the works. Our sub-contract of vehicles visiting the oriate. The sensure the public are agate to the site will be not in use. The site to minimise the awith the delivery team any changes necessary oppropriate measures and



- Traffic Management routes will be developed and maintained to identify safe routes for delivery and segregated offloading areas. These routes will be reviewed frequently to reflect the stage of the works and minimise impact the operational areas of the hospital accordingly.
- Emergency routes and parking area will be protected at all times from the works. Our traffic management plans will be developed to ensure that the impact to the routes will be maintained throughout our operations. All our subcontractors will be briefed on the importance of maintaining clear routes and to ensure that their deliveries are managed appropriately.
- Government guidance has now been relaxed in relation to the control of the COVID but in the interests of maintaining a safe working environment, an appropriate risk assessment will be developed and maintained to minimise any future impact by this evolving virus. Hand Face Space procedures will be observed where possible ensuring our facilities are sufficiently managed to accommodate the needs of the build schedule and all necessary sanitation materials will be provided and replenished as necessary.
- Tree protection fencing will be erected to ensure no accidental damage to either tree canopies or tree routes. A drawing will be displayed on the site notice board to identify the affected areas and a toolbox talk training session will be undertaken with all the affected workforce to ensure that everyone is fully aware of our responsibilities. Daily checks will be undertaken on all boundary and tree protection fencing and the results of the inspection recorded.
- Pre-commencement meeting to be organised with each of the teams to fully coordinate and agree the scope interfaces of the construction working areas. Specific safe systems of works will be developed and submitted for approval for the various elements of construction and implementation works necessary for the project.
- A detailed workable construction schedule of works will be developed and issued for approval identifying the working area interfaces, times and durations. Early engagement of these interfaces will ensure sufficient planning and buy-in from all parties.
- Access to the site will be available form a new dedicated junction off Scott Lane. This will be constructed to the final design standard as the first priority to ensure a suitable formation is created from day one to accommodate the deliveries to the site and provide a suitable surface for the public crossing the entrance to the site.
- Prior to the commencement of excavation works, the area will be full scanned with sub-strata radar equipment. This will enable the identification of the below ground services and obstructions. The output of the sub-scan survey will be issued to the design engineer to enable the final design of the diversion works to accommodate where possible the existing buried equipment.
- Trial holes will be undertaken to prove the existence of the sub-scan output and a coordinated record of the findings will be added to the design drawings for records.

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- Competent contractors will be selected to undertake all elements of the excavation, building, mechanical and electrical installation and the final commissioning phases of the works. All selected contractors will be experienced in the types of works they will be employed to undertake. environment.
- Locations of buried services will be marked on the surface by the Galliford Try Senior Engineer prior to the commencement of the excavation works.
- Any necessary diversion routes will be finalised and recorded on the "Issued for Construction" drawing sets.
- It is recognised that the sub-scanning survey may not identify all services and as such, the safe digging techniques identified above accompanied by an experienced banksman controlling the dig providing the continuous close visual inspection of the progression of the works.
- The excavation team will be fully inducted prior to the commencement of the works where they will be made familiar with the site-specific rules and procedures including the procedures that should be followed in the event of emergency. The task specific MS&RA appropriate for the excavation works will be briefed and signed up to.
- The team will walk the site prior to commencement and any specific hazards identified.
- A permit to dig will be issued for a specific identified area. No excavation will be permitted beyond this area.
- The excavation team will progress the site stripping works for the car park working away form the newly created site access off Scott Lane. Excavation works will be undertaken with mechanical equipment adopting safe digging techniques including the continuous scanning of the area with CAT scanning equipment
- Site Specific site strip excavation Method Statement and Risk assessment will be developed and approved prior to the works commencing,
- All excavated material from the car park area and the building footprint will be distributed around the site to form landscaping bunds in line with the planning drawings.
- Any areas of contaminated material identified will be segregated and removed to a suitably licenced facility in line with our Environmental Management Plan.
- Any requirement for Temporary Works (TW) will be entered onto the TW register and a suitable approved solution and identified / designed. This will be undertaken prior to the commencement of the construction phase of the works.
- Diversion of the main United Utilities Foul and Surface water drainage will be necessary as it currently runs through the footprint of the pavilion building. Agreements with United Utilities will be progressed in advance to divert these services prior to the commencement of the construction of the main pavilion building.

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- New manholes will be constructed over the existing United Utility pipework at the locations of the proposed diversion locations. This will allow for a change of direction in the existing pipework runs. Manhole boxes will be utilised to support the excavation for the manhole construction. New pipelines will be installed from the new manhole to diver around the proposed building footprint ensuring that a new manhole is installed at every change of direction. Drag boxes will be utilised to support the excavation as the works progress. All surplus excavated material will be added to the landscaping bunds.
- On completion of the diversion works, new strip footings will be installed for the pavilion building. All surplus excavated material will be added to the landscaping bunds with a site-specific Method Statement and Risk assessment being developed for this works and briefed to all parties prior to the commencement of the works.
- Drainage installation for the pavilion and car park surface water run-off including the installation of the attenuation tanks will be undertaken by our ground works contractor. Site specific Method Statement and Risk assessment will be produced for this works and briefed to all parties prior to the commencement of the works. this works will be undertaken concurrently with the building works on the main pavilion.
- Car park construction will follow on as efficiently as possible to base course level to provide clean surfaces for material storage. Final wearing course will be laid on completion of the whole of the works to eliminate damage to the final surface
- Erection of the steel frame will be undertaken by the competent contractor and a specific lift plan will be produced to control the use of the lifting equipment utilised for this purpose. Fully detailed LOLER and PUWER records will be maintained throughout the duration of the works.
- Brickwork will be undertaken by our specialist contractor with scaffold access being provided at various stages of the build. Again' a site-specific Method Statement and Risk assessment will be developed for this works and briefed to all parties prior to the commencement of the works.
- Roofing will be undertaken by our specialist contractor with scaffold access being provided along with internal crash deck provision. Again' a site-specific Method Statement and Risk assessment will be developed for this works and briefed to all parties prior to the commencement of the works.
- The various Internal fixtures and finishings will be undertaken by our specialist contractors whose activities will be carefully coordinated to minimise the work face interfaces. Each contractor will develop, and site-specific Method Statement and Risk assessment paying special attention to the work face interfaces and brief it to all parties prior to the commencement of the works.
- Landscaping works will be undertaken by a specialist contractor working to an agree safe system of works and to an agreed landscaping plan.

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Electrical and Mechanical Installation Task specific safe system of works will be developed and approved for the installation of the electrical and mechanical services. (drainage / electrical / water / HVAC etc) Prior to the commencement of the works, the contractor will develop and issue a site-specific method statement and risk assessment for review and acceptance prior to the works commencing. No works will proceed without the necessary s Permit for working on live services. Galliford Try will issue a separate Permit to the sub-contractor undertaking the specific work package. Closing of this Permit will only be permitted once the Sub-contractor demonstrates fully complete and safe installation.
Commissioning of services will be controlled by Permit and re-integration into operational use will be monitored and signed off by the Client representative.
Regular coordination meetings with the Pitch Contractor to be organised to control interfaces of the wok packages

6.0	Significant Health, Safety & Environment Risks:	 Buried Services Working at Height Interface with the public. Traffic movements Live Services COVID Dust Noise Ground Water Pumping 	
7.0	Risk Assessments Attached:	See attached risk assessments	
8.0	COSHH Assessments Attached:	Task specific RA will identify the COSHH	
9.0	Personnel:	 Galliford Try - Project Manager Galliford Try - Site Manager Galliford Try - Senior Site Engineer Galliford Try - Building Services Manager Sub-Contractor – Site Supervisor Sub-Contractor – Site Operatives 	
10.0	Plant & Equipment:	 Excavator Dumper Roller Crane Vacuum Excavator Air Pick Hand Tools CAT scan and signal generator Pumps 	

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		Generators Temporary works equipment
11.0	Materials:	 Cement / Grout Concrete Stone Masonry Fuel (Diesel / Petrol) Steel framework Plastic Pipework Tarmacadam
12.0	Communication & Responsibilities: Job Specific/As per H & S Plan (Delete as appropriate)	 Formal weekly Coordination meeting held with the Client and interested third parties. Task Specific Method Statements and Risk assessments produced for each working activity which will be agreed with the Client team where appropriate and briefed to the team. Weekly Safety meeting will be held by Galliford Try. Daily 10-minute briefings are held each morning.
13.0	Temporary Works: Required/Not required (Delete as appropriate)	 Temporary Works Coordinator will be appointed by the Designated Individual. – (Arwel Edwards) All Temporary works will be designed and installed by a competent individual and signed off as complete by the Temporary Works Coordinator resident on site. The TW will be inspected regularly, and findings recorded.
14.0	Emergency Procedures: Job Specific/As per H & S Plan (Delete as appropriate)	 Trained First Aider will be on site at all times. First Aiders will be identified on the site notice board. First Aide Kit will be stored at the site offices at all times. Accident and emergency Hospital directions will be displayed on the site notice boards. Comprehensive fire plan will be in place at all times. Appropriate Fire-fighting equipment will be available on site at all times. Environmental emergency response plan will be communicated to the team. Spill kits will be available at all times. An Emergency Plan will be developed by Galliford Try and the Client jointly for implementation in the event of a Major incident. Emergency procedures for high-risk activities will be developed as required and a task specific safe method of working developed.



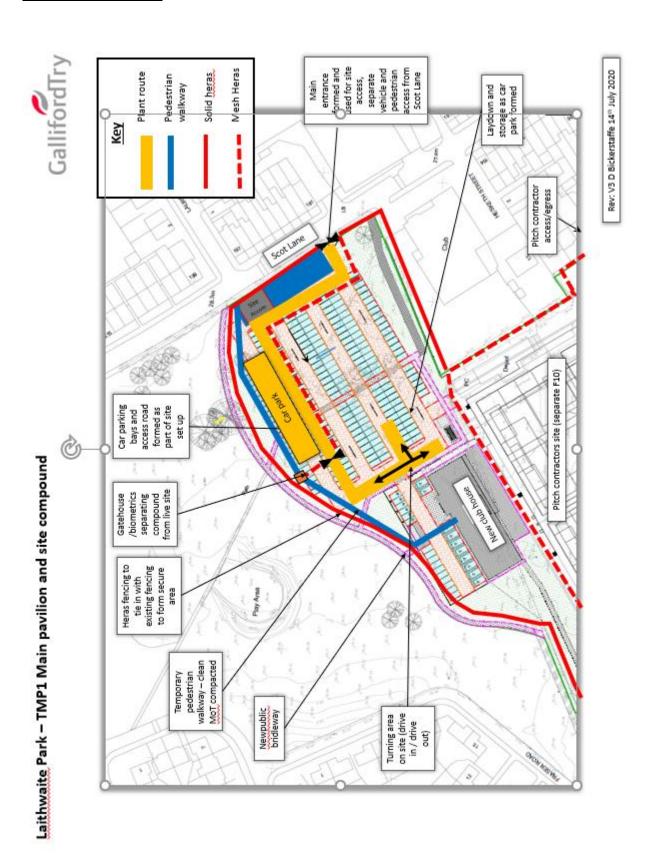


		Confined Space Entry (HS&S-FRM-C02-01)	X
15.0	Permits to Work Required:	Diving (HS&S-FRM-D02-03)	^
		Electrical (HS&S-FRM-E01-01)	X
		Break Ground (HS&S-FRM-E02-03)	X
		Hot Works (HS&S-FRM-F01-03)	X
		Work At Height (HS&S-FRM-W03-02)	X
		Temporary Works	X
		Pumping (HS&S-BPG-W05-101)	X
		Other (please specify)	
		Permit to Lift	
Galliford Try Permit can be issued to the Sub-Contractor to commenc		mence works	
16.0	Hold Points:		





Location Plan







Tree Protection Zones

