



Construction Management Safety & Health Plan

Rathcoole Braeburn

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Introduction

Braeburn Rathcoole

Construction Management Health & Safety Plan



This Construction Stage Safety and Health Plan has been prepared in compliance with Regulation 16 (a), Part 2 of the Safety, Health and Welfare at Work (Construction) Regulations 2013. The document has been prepared in consideration of information included in the Preliminary Safety & Health Plan and consultation with the Client appointed project management team.

HML attaches the greatest importance to the Health & Safety of all persons employed on the project. To this end, all reasonably practicable efforts will be made for the duration of this project to provide a safe and healthy working environment, so as to ensure the safety and health of both Company and Contractor personnel, plant staff and all visitors to site.

HML have set a goal of zero accidents. This goal has been set following preparation of a comprehensive Safety Management System (SMS). In summary our SMS will ensure that all tasks are risk assessed, all tasks are coordinated and compliance with all tasks will be monitored. A strict disciplinary code will be applied to this project.

Additional precautions will be taken to prevent fire, accidental damage to property and equipment, and to minimise interruption to the client and the environment in general. Safety will be an integral part of the Project Management Strategy and effective safety policies will be prepared and implemented to prevent accidents and incidents occurring. All employees, sub-contractors, self-employed persons, suppliers and visitors will be obliged to co-operate with and comply with the provisions of this safety plan.

Contractors must accept and agree to comply with the details set out in this Health and Safety Plan. Failure to abide with the provisions of this plan will result in cessation of work.

If work cannot be completed safely, then it will not be started.

CONSTRUCTION MANAGEMENT HEALTH & SAFETY PLAN



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1. Description of Project

1.1 (1.1) Details of Client, PSDP, Designer, Principal Contractor & Others

Item	Contact	Address	E-mail	Tel No.
Client Applegreen	Matthew Keane	Block 17 Joyce Way Park West Dublin 12	Matthew.Keane@applegreen.com	+353 861685163
Client Representative (PSDP) J.A. Gorman Consulting Engineers Ltd.	Aidan O'Donoghue	Forrest Park Mullingar Meath	aidan@jagorman.ie	044 9347 338
Principal Contractor (PSCS) HML Plant Hire and Construction	Hubert Mc Laughlin	1 Milltown Business Park Buncrana Co. Donegal	hubert@hml.ltd	074 93 63555 0860893203

Braeburn Rathcoole

Construction Management Health & Safety Plan

1.2 Project Description

Project Health & Safety Plan for Electric Vehicle Fast-Charging Hub & Coffee Drive-Thru Facility Development at Naas Road, Tootenhill, Rathcoole, Co. Dublin.

The proposed development comprises:

- Construction of New Single Storey Building & Sub-Station
- Electric Vehicle Fast -Charging Hub
- M&E services
- Underground Attenuation Area, Storage Tank & Foul Pumping Station
- Retaining wall c/w railings over
- Signage & Main Identification Sign
- Height Restriction Barrier
- Civil works including site clearance, new roads, footpaths, car parking, line marking, landscaping

Proposed Commencement Date: 31-10-2023

Completion Date: 29/02/2023

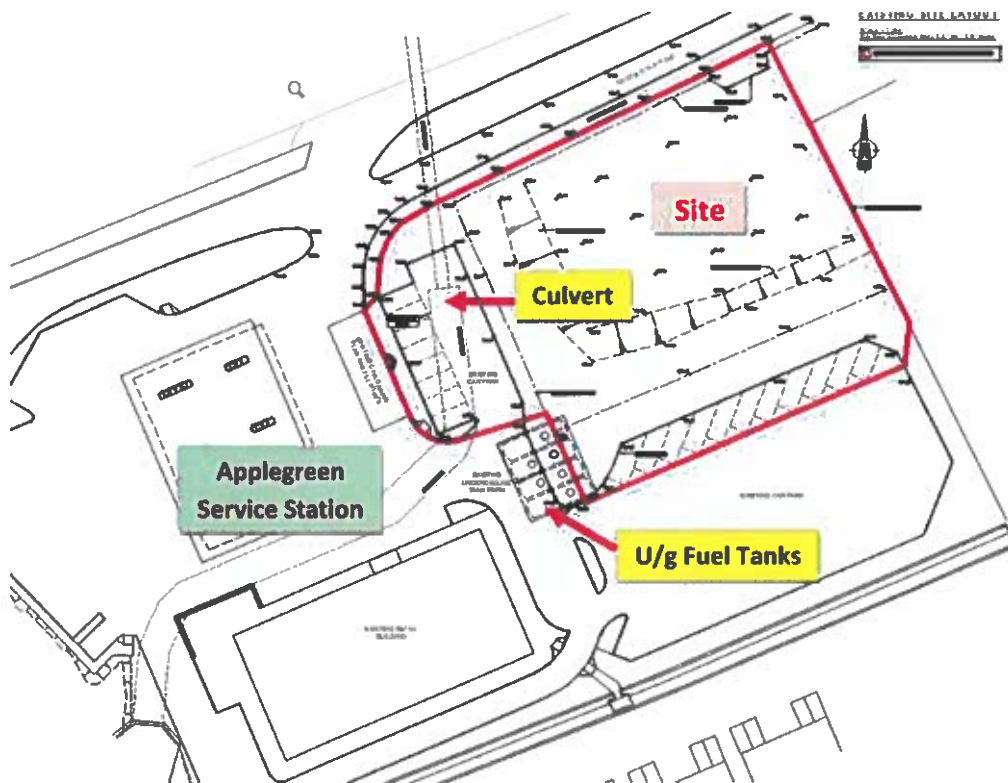
1.3 Project Location

The site is located off the N7 Naas Road, Tootenhill, Rathcoole, Co. Dublin.

1.4 Description of the Site

The site is located at the approach to the existing Applegreen service station. the site boundaries are surrounded a housing development to the rear, Applegreen service station to the west and the N7 Naas road to the North.

1.4.1 Arial View



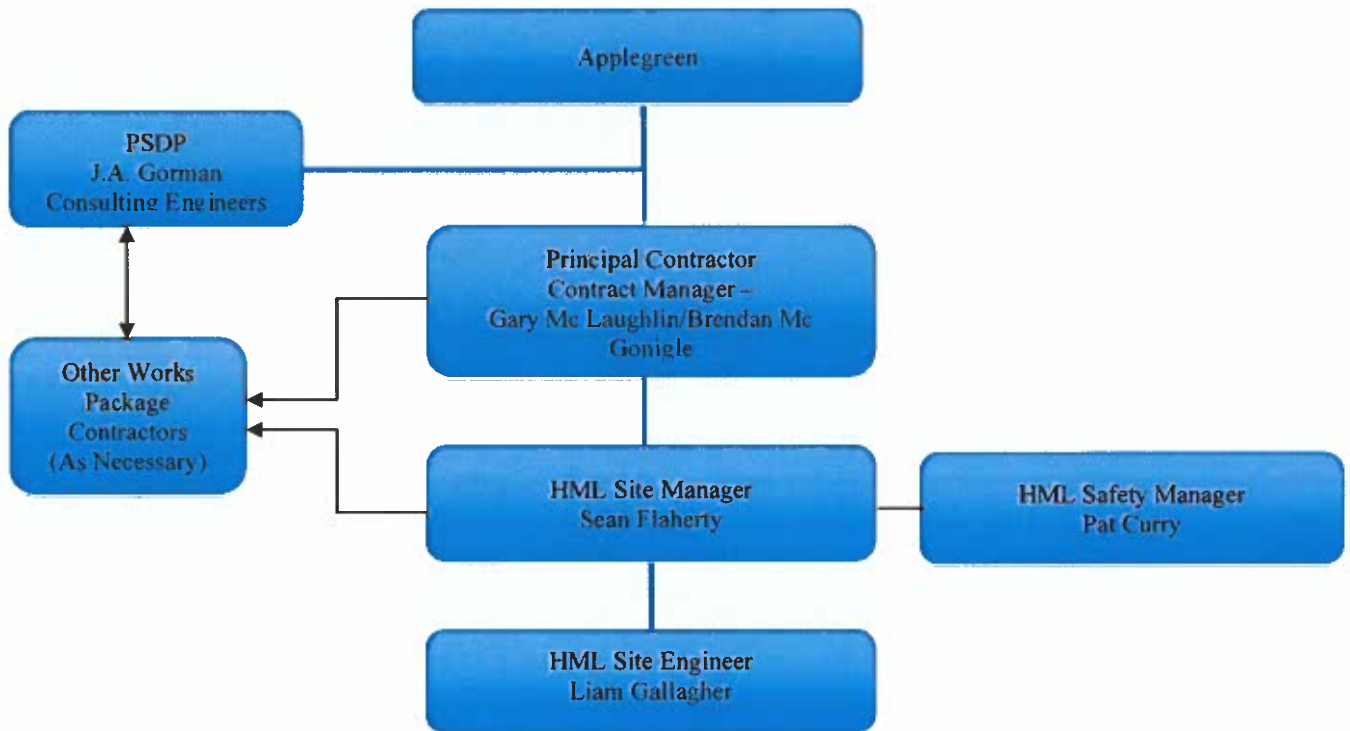


2. Roles and Responsibilities

Position	Responsibilities
Principal Contactor HML	<ul style="list-style-type: none"> - Must co-operate with the PSDP and Client H&S - Provide the PSDP with information required for the safety file. - Comply with directions of the project management. - Report accidents to the HSA/ Client H&S and to the PSDP where an employee cannot perform their normal work for more than 3 days. - Comply with site rules and the safety and health plan and ensure that your employees comply Identify hazards, eliminate the hazards, or reduce risks during construction. - Ensure that relevant workers have a safety awareness card and a construction skill card. - Provide workers with site specific induction. - Monitor compliance and take corrective action.
Contracts Manager Brendan McGonigle Site Manager Shaun Flaherty	Review and control of all onsite operations, and will work in close liaison with the Client, PSDP and client H&S to ensure that all relevant health and safety issues are addressed prior to and throughout the contract.
HML H&S/ Client H&S	They will work in close liaison with the Client, PSDP, Site Manager to ensure that all relevant health and safety issues are addressed prior to and throughout the contract. In individual fulfil a policing role in respect of Health and Safety.

3. Management of Work

3.1 Management Structure and Responsibilities



In addition to the organisation's own personnel, advice regarding Health & Safety shall be sought from external sources where required. This may include bodies such as An Garda Soichana, Dublin County Council and HSA.

3.2 Health & Safety Goals

The Client and the Project Team has the goal;

- To complete the project with due regards to the health, safety and welfare of all parties directly and indirectly involved with the project together with others such as adjacent contractors, user personnel, visitors and members of the general public.
- Completion of project without a reportable accident, incident occurring.

3.3 Liaison between Parties

Regular on-site meetings will be held between the Client, PSDP, and the Principal Contractor and consideration will be given to;

- Safety and Health implications of design elements
- Unforeseen eventualities during the project execution resulting in major design change and which affect particular risks, completion date, or other safety and health implication.
- Ongoing health and safety issues during the construction phase.
- The provision of the safety file.

3.4 Consultation with Workforce

The Principal Contractor will arrange a regular briefing with the site operatives before work starts to allow them to raise any concerns they may have. This will be an opportunity to discuss the proposed work set out for the day and discuss any issues that may arise. At induction stage the operatives will be allowed to offer feedback to the site manager and similar setup during regular project meetings. All method statements and risk assessments provided for the project will be discussed with the operatives involved and a signature obtained to state they agree with the method of work and the risks that were identified.

3.5 Exchange of Design information

All contractors will liaise with the Project Team, Client and PSDP in relation to design elements carried out during the construction phase and inform them of any changes that may affect the information in this plan.

3.6 Design Changes during Project

All design work carried out after commencement of the works i.e. resulting in changes to drawings and/or specification - all documentation to be checked, copied and distributed. Distribution list will include Site Management, PSDP, the Project Team, Principal Contractor and suppliers. Any changes in design during the project will be communicated to all relevant parties and if required a member of the project team will arrange a meeting on site to discuss the matter and address the issues followed by the implementation of an action plan to resolve the matter.

3.7 Selection & Control of Contractors

All new contractors working on the project will be required to complete a pre-qualification questionnaire that will request a copy of their insurance and Health and Safety Policy along



with method statements and risk assessments for the project. The Client H&S will review all PQQ's returned and report to the project team approval of contractor to commence works.

The day to day control and monitoring of the contractors on this project will be carried out by the site manager on site. The site manager along with input from HML Safety Manager will review and monitor the working of contractors on a regular basis through site visits and the completion of Health & Safety Audits.

3.8 Exchange of Health & Safety Information

All information will be made available to contractors on site. The Construction phase plan will be displayed in the site works area along with all relevant information. Daily briefings each morning will allow contractors to raise and share information.

3.9 Site Security

All security for the project will be controlled by HML. Suitable barriers and signage will be displayed, and access will be restricted to construction staff only. HML will review this on a regular basis.

3.10 Site Induction

A Health & Safety induction will be given to all new personnel commencing on site in conjunction with an initial safety talk provide by each contractor and enforced by the Client highlighting the particular safety hazards involved with this site works. Specific points in relation to project will be discussed during this stage. All visitors to site must undergo a visitor induction and be escorted around site.

3.11 On site Training

Regular toolbox talks will be carried out with all operatives by each contractor with topics specific to the project. The site manager can offer advice to all operatives on a regular basis that will form part of the toolbox talk. As a minimum on this project all operatives working on site must hold a valid Safe Pass card or CSR/CSCS and Manual Handling training.

3.12 Welfare Facilities and first aid

HML will provide welfare set up for the project. A toilet block and canteen area will be provided. The toilet block and canteen will be suitable for the numbers on site and this will be reviewed as the project moves forward. Welfare facilities may be moved throughout the course of the works. HML will appoint the Site Manager as the first aider his name will be displayed along with a fully stocked first aid kit in the site office.

3.13 Accident/Incident Reporting & Investigation

All accidents, incidents, etc. shall be reported in the first instance to the Site Manager/Foreman who shall ensure that HML records all known details in the Accident Book then notify the relevant parties of the Client, PSDP and Client H&S. The contractor in connection with the Client H&S will ensure all necessary investigation, reporting, etc. is carried out. Necessary statutory bodies will also be notified (e.g. HSA etc.).

3.14 RA/MS Review and Approval

Each subcontractor will prepare and issue a method statement and risk assessment for their element of work addressing all items which will be retained on site for information within the safety filing system and also on a dropbox folder to allow access for all of the project team. Method statements and risk assessments for all work will be reviewed by the site manager, Client H&S and PSDP if required. Subcontractors will provide risk assessments and method statements that detail how they propose to carry out their works. Only when a RA/MS has been agreed will the contractor be permitted to start work. Subcontractors are responsible for their own safe system of work.

3.15 Site Rules

The Site Rules will be distributed to all personnel commencing on site as part of the formal contract package issued prior to commencement on site. The Rules will be reviewed on a regular basis and amended as necessary in conjunction with Site Management following discussion at the co-ordination meeting. Copies of the current Site Rules will be displayed at strategic positions on site and all operatives at induction stage will also be given a copy of the site rules.

3.16 Fire and Emergency Procedures

All personnel on site shall be informed of the action to be taken in the event of an emergency at induction stage and will be co-ordinated throughout the project. A fire plan drawing and procedure will be displayed within the work area and this will show any changes to the fire escape route caused by the works being carried out as the building is constructed.

All hot works will require a hot work permit, this permit will detail the safe procedures to be followed to ensure the work is carried out safely and the necessary fire precautions are taken. A permit will be required to be completed by HML and operated in a suitable manner. Hot work permits will contain details in relation to the following: -

- Clearance or covering of combustible materials adjacent and opposite (through walls, ceilings etc) of the hot work location
- Provision of fire extinguisher



- All work equipment such as gas cylinders secured and located a safe distance from work area
- Timescales for the examination of the work area during cool down.

Within the project area on display will be emergency detail numbers, nearest hospital and route planner for shortest journey time and also details on the first aider for the site.

4. Arrangements for Controlling Risks

4.1 Site Access and Parking

Vehicular access to the site will be off the Volvo Roundabout. A new site access cut into the site on the north end will be developed.

Pedestrian access to the site is via the proposed entrance to the site, segregated from the works.

Where there may be contact between the public and the construction work (i.e. at the site accesses, etc.), protection is to be provided using partitions/ barriers where there is a high risk of injury or flicker tape or similar where the risk of injury/ interference with the work is low. Clear temporary signage must be displayed.

4.2 Services

Where possible the locations, if any should be recorded on the as constructed drawings. HML will survey the area using a cable locating tool.

Utility companies such as ESB and Eircom may have their own plant in the vicinity of the site and therefore may be carrying out relocation of service lines in the area. Therefore, operatives of these companies and any associated plant must be given unrestricted access to the site if necessary. HML will liaise with these utility providers in order to become aware of any proposed or ongoing works in the area.

4.3 Adjacent Land / Buildings.

Industrial is the primary land uses adjacent to this section of road.

4.4 Stability of Structures

The existing footpath, roadway, underground services and carpark are to be accessed and monitored throughout the works to ensure they are not adversely affected by the works.



4.5 Preventing Falls (Working at Heights)

All works shall be planned sufficiently by each contractor so that safe access / egress shall be provided to operatives that are working at height. Materials shall not be thrown / tipped from heights. All materials shall be transported via access equipment and this will be provided to all working areas and will be inspected in line with current legalisation.

All edges / openings from which it is possible to fall shall be adequately protected by the contractor with guard rails, mid-rails and toe boards.

4.6 Working near fragile materials

N/A All Finished products will be protected by contractor who is responsible for the installation e.g. glass panels, glass cabinets etc.

4.7 Lifting Operations

All lifting operations will be controlled by the contractor on site. Test certificates for all lifting equipment will be in place along with records of training for all operatives involved. These records will be retained on site and checked during regular inspections carried out by HML.

4.8 Excavations

HML will ensure that prior to any excavation taking place a full scan of the area using CAT tool is carried out and services identified marked up on site using coloured pegs. All excavations will require suitable edge protection and barriers along with a trench box/supports if operatives are required to enter the excavation.

4.9 Work near or on water

N/A

4.10 Confined Space

A permit to work will be issued and controlled by the main contractor prior to the commencement of any confined space works. In connection with the permit a full method statement and risk assessment will need to be submitted. None envisioned at this time.



4.11 Maintenance of Plant & Equipment

HML will be responsible for ensuring that machinery/plant supplied or hired, will be fit for its purpose and that operatives have adequate training in its use (including user certificates). Also appropriate inspections are carried out prior to operation and that test certificates for the plant / machinery are up to date. Service / Maintenance Sheets must also be completed at appropriate intervals and if in the event of any issues the operator is aware of the procedure to report any faults.

4.12 Road Contamination

Control measures will be implemented to ensure the roads around the site are not contaminated with mud / contamination from site activities. A road sweeper will be deployed on a regular basis for sweeping and cleaning the roads adjacent to the development when necessary. The appointed principal contractor or the relevant sub-contractor will appoint an operative to monitor the site entrance at all times with regards to contamination of the immediate area of road to avoid any build-up of dust and debris from site vehicles. This operative/s will also be responsible for inspecting lorries wheels and cleaning if required before the vehicle leaves site. Applegreen as project client will review the condition of the roads surrounding the site on a regular Basis as part of our client H&S monitoring responsibilities to ensure that any dirt arising does not cause any additional risk or inconvenience to the adjacent highways and nearby residents or businesses. It will be a requirement that the appointed principal contractor has the above arrangements in place from the commencement of construction works on site and that they are maintained for the duration of the project.

4.13 Traffic Management and Access Restrictions

All existing and proposed escape and emergency access routes must be kept clear and available for their intended use at all times.

HML will ensure that access to and from all properties adjoining the site shall not be unreasonably restricted during the construction works. The maintenance of access will be the responsibility of HML. Reference to the accommodation works drawings and specifications may indicate further restrictions on certain properties.

Traffic management arrangements have been considered and will be put in place prior to the works.

Safety is a key issue on this project and control measures will be taken to ensure this by each contractor.

During the loading and unloading of materials the main access road must not be blocked in a manner that will pose a risk to the public or visitors entering the site. Each contractor will be required to submit a traffic management plan for their element of the works.

4.14 Wastes arising including proposals for minimisation/reuse/recycling.

4.14.1 Identification of Waste and Proposals for Minimisation

- Topsoil: re-use on site in landscaping areas, re-use off site by licensed waste management contractor (green listed waste - destined for recovery or waste destined for laboratory analysis pursuant to Regulation (EC) No 1013/2006).
- Subsoil / sub-grade fill: re-use on site as fill material. If subsoil/sub-grade is to get off site then it will be handled by a licenced waste management contractor.
- Office waste: segregated into paper, plastic, metal etc for re-cycling off site by licensed contractor.
- Packaging materials: segregated into paper, plastic, metal etc for re-cycling off site by licensed contractor.
- Welfare Waste: segregated into organic, special waste, paper, plastic, metal etc for re-cycling off site or disposal by licensed contractor.
- Material off cuts: to be set aside for re-use whenever possible. When no re-use available segregated into paper, plastic, metal etc for re-cycling off site by licensed contractor.
- Special waste: Toilet effluent to be contained in sealed container and disposed of by licenced waste contractor.
- Existing bituminous surfacing: Re-use on site if re-engineering is cost efficient/acceptable to specification. Re-use off site by licensed waste management contractor (green listed waste - destined for recovery or waste destined for laboratory analysis pursuant to Regulation (EC) No 1013/2006).

4.15 Storage

HML will ensure all deliveries to site are controlled and arranged in a manner as to over stock the site with materials. This will be arranged using a detailed programme controlled by the site team. Each contractor will be required to set up a storage area in connection with the site management team who will control this. Appendix 1/72 will provide a basis for Environmental Management along with HML's site specific EM plan.

4.16 Asbestos

N/A

4.17 Manual Handling

All manual handling operations shall only ever take place when it is not possible to use mechanical aids on site. Manual Handling will be minimized as much as reasonably foreseeable to avoid any injuries from this hazard.

Team lifting shall be the used method for manual handling of loads.



4.18 Hazardous Substances

The materials proposed to be used during this project are well known within the construction industry and should not pose any real risks if controlled in the correct manner. All materials being brought to site by contractors must have a safety data sheet accompanied along with it. Once on site an assessment will need to be completed for the item by the contractor.

Records of any hazardous materials used or incorporated in the works must be maintained on site and provided for inclusion within the Health and Safety File.

4.19 Reducing Noise and Vibration

Any noisy works will be controlled and reviewed by each contractor. The method statements and risk assessments will support this and will be used to assist in further reducing noise and vibration.

4.20 Exposure to UV Radiation (from the Sun)

All personnel will be made aware of the risks posed of exposure to UV Radiation (from the Sun). All personnel whilst working outside during sunny weather will be required to keep skin covered as far as is practicable. Where skin maybe exposed suitable SPF Factor must be applied to the exposed area. Toolbox Talks will be carried out on site to make all Site Personnel aware of the risks.

5. Health and Safety File

- A template for the Health and Safety File has been issued by the PSDP and this will be issued to all subcontractors and controlled by the Client H&S for the duration of the project. A dropbox account will be set up to allow all contractors to upload the information direct. This will allow the project team to review on a regular basis.
- Details of the required information have been issued by the PSDP as part of the Pre-Construction Information.

6. TIMESCALE



6.1 Works Duration

Works duration for HML scope is a maximum of 12 weeks.

6.2 Working Hours

Working hours are confined to the following:

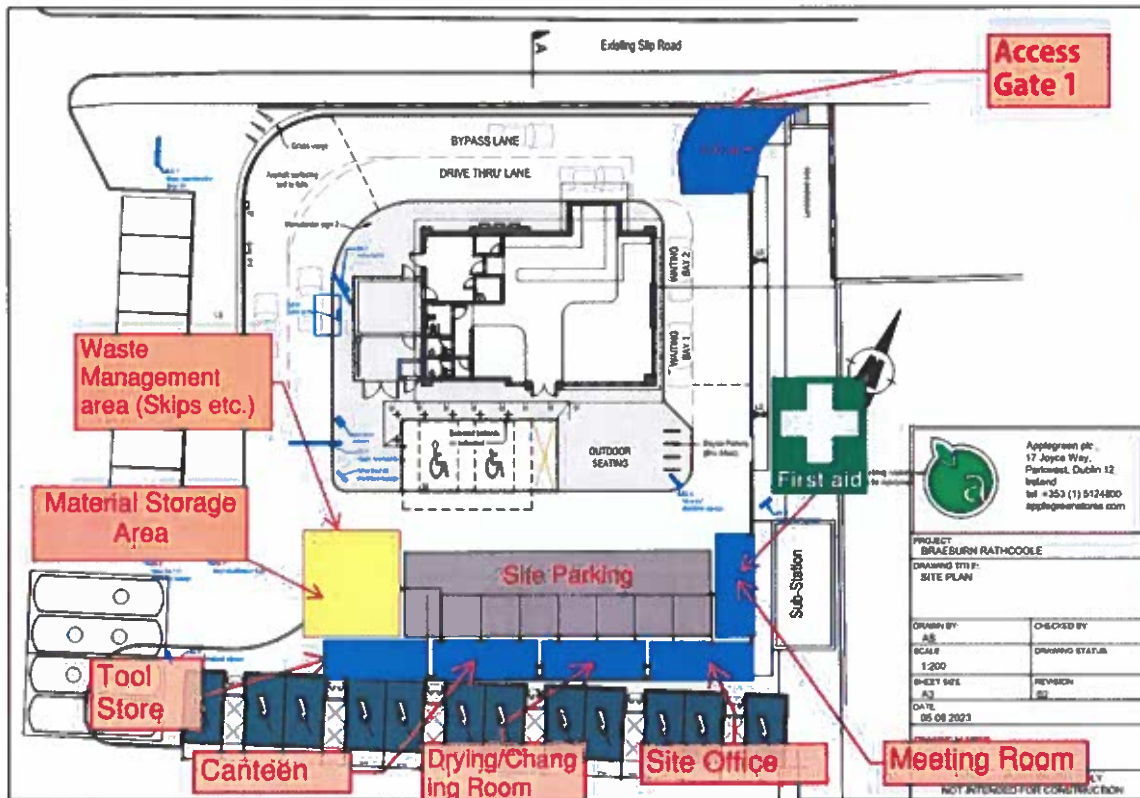
- Monday to Sunday 8.00hrs to 18.00hrs.

Deliveries or movement of vehicles to or from site is not permitted outside of working hours and may be subject to restriction by the Client.

7. APPENDICES

7.1 Appendix A

Site Layout Drawing



7.2 Appendix B

Works Program

Task Name	Duration	Start	Finish
AG Rathcoole Braeburn DT Building	91 days	Wed 18/10/23	Wed 06/03/24
▶ HML Scope	68 days	Wed 18/10/23	Fri 02/02/24
▶ Fitout	30 days	Thu 25/01/24	Wed 06/03/24



7.3 Appendix C

Housekeeping Record Template

Canteen and Toilet Housekeeping - Shared Duties													HML				
Project:		Applegreen Dundalk															
Location:		Canteen					Toilets					Name & Signature of Duty Holder: Rota basis		Name & Signature of Checker: Site Foreman			
Task:		Bins Emptied	Tables Cleaned	Sink Cleaned	Soap Stocked	Microwave	Floors Cleaned	Bins Emptied	Sink Cleaned	Floors Cleaned	Toilet Roll Stocked					Soap Stocked	Blue Roll Stocked
Date:																	
Monday	16-Mar																
Tuesday	17-Mar																
Wednesday	18-Mar																
Thursday	19-Mar																
Friday	20-Mar																
Saturday	21-Mar																
Sunday	22-Mar																
Monday	23-Mar																
Tuesday	24-Mar																
Wednesday	25-Mar																
Thursday	26-Mar																
Friday	27-Mar																
Saturday	28-Mar																
Sunday	29-Mar																

NB. These works are to be carried out according to specific housekeeping RAMS to ensure correct cleaning methods and PPE are employed



7.4 Appendix D

Site Works TM Plan



CONSTRUCTION MANAGEMENT HEALTH & SAFETY PLAN



Road Works TM Plan

To be updated when complete

