



CONSTRUCTION MANAGEMENT, ENVIRONMENTAL NOISE AND SUSTAINABILTY PLAN

CUSTOMER:	TRIPLE JERSEY LTD
CONTRACT:	Greggs Bakery
ORIGINATOR:	Magna Projects Ltd

REVISION:	0			
DATE:	12/1/2023			

CONTENTS

1	Site Related Information
2	Scope of Work
3	Significant Hazards
4	Highway, Public Interface Arrangements
5	Plant and Equipment
6	Materials – Including Major Components to be Installed
7	Personnel Involved
8	Competency, Permits and Training Requirements
9	Personal Protective Equipment
10	Preparations
11	Sequence of Work
12	Procedure and Methodology
13	Control of Dust/ Noise and Road Cleanliness
14	Safety
15	Disposal of Wastes
16	Site Access & Deliveries
17	Signage
18	Engagement Strategy with Neighbours
	Conclusion
APPENDIX	
A	Site Set Up Plan- Site Compound
B	Site Areas- Overall Site Plan to show construction zones

1 SITE RELATED INFORMATION	
Customer	Triple Jersey Limited
Site Address	,opposite B&M , Baglan Bay Retail, Port Talbot
Site Contact for Customer	Alex Lewis (JA Lewis Development consulting limited)
Site Contact for Magna	Ged Carr
Site Induction Date/Time	8am every morning
Parking	On site parking

2 SCOPE OF WORKS

Works are to include the development Erection of new Greggs Bakery Retail Unit together with carparking on the existing carpark adjacent to KFC and B&M Store , Baglan Bay Retail Park Port Talbot

A further show room is to be built as an extension to the existing showroom to the north with additional work shop areas and reception offices built to the west and south west of the existing building.

3 RISK ASSESSMENTS AND SIGNIFICANT HAZARDS

Risk assessments have been carried out for the scheme by both the design team and the onsite contractors at the required stage for their works.

Risk assessment is an ongoing process and operatives will monitor the site environment to ensure that the original evaluation remains valid. If necessary, this should be revised to cover changes in conditions and/or operations.

The following hazards have been identified on the above site:

Abrasive Wheels (Use of)	Noise – employee protection	Reversing Vehicles
	Noise – environmental	Site Access
Highway Operations	Personal Protective equipment (PPE) – provision and use of	Tidiness - site
Lifting Gear (Use of)	Petrol (Use of)	Vibration (HAVS)
Manual Handling		Waste Management
Metalwork Installation	Public Protection	Work Equipment – (Use of)

4 HIGHWAY & PUBLIC INTERFACE ARRANGMENTS

The site is located in a retail park just off the A4241 Afan Way shared with B&M Retail and KFC . A one-way system is to be implemented, ensuring that staff and site traffic are provided with separate routes on and off-site.

Part of the ongoing site induction we will make sure the operatives including all contractors understand the prevention measures and risks are fully understand not to enter the exclusion zone at any time.

No vehicles including cars, vans, lorries, low-loaders and mobile plant such as excavators, forklift trucks and site dumpers etc will be allowed anywhere near the no go zone

Also, we are not piling within the area and will have very little impact with vibration

.The area will be totally Heras fenced off along with goalpost and barrier tape and signage warning ALL of the no go zone , all signage will be illuminated in case of bad weather, the area will be maintained at all times ,no materials will be stored by or anywhere near the column bases , the crane will be fitted with a restrictor so we cannot over sail in or around the area ,

Works have been planned to be undertaken during normal weekday working hours between 08.00 and 18.00, and 09.00 and 13.00 on a Saturday. No works are to take place on Sundays or Bank Holidays.

Quieter activities may take place outside of these hours such as internal works. Activities will be agreed with the Customer. Site liaison will be with the Magna Projects nominated Site Supervisor.

Activities with excessive noise/vibration will be limited to the hours between 8am - 4.30pm Monday to Friday and 8am - 1pm Saturdays.

All deliveries will be limited to between 8am – 4.30pm Monday to Friday and 8am to 1pm Saturday only (no working on Sundays or bank holidays).

All vehicles and deliveries will be met with a Banksman.

If required there will be a wheel wash facility present, with regular road sweeps undertaken to ensure that Whitchurch remains clear of debris.

The works are as follows:

Date at Start	Start Time	Activity
January 23 rd	08.00 Monday	As per scope of works

The site shall be secure at all times to prevent access from the general public. The entire work area is to be fenced off using Heras fencing, with a gate and padlocks which will be secured by the Site Supervisor at the end of each working day.

CCTV will view the entire work area.

All Contractors, Visitors and Members of the Magna team will park within the site area and at no time will we permit any parking on the Road.

Construction dust is likely to be generated throughout external demolition works. Dust will be controlled by dampening down.

Water suppression will be used throughout all cutting works.

The area is well lit with existing internal and external lighting.

5 PLANT AND EQUIPMENT

Large Plant

Service vans and trailer.
Excavator with impact hammer
Dumper Trucks
Ride on Roller
Delivery vehicles

Small Tools

Stihl saw
Breaker
Drills
Plus Sub-contractors Plant and equipment –
refer to separate RAMS

6 MATERIALS

Permanent Works Materials: Steelwork, Concrete, Reinforcement, Crushed Stone, Drainage Materials, Cladding, Blockwork & Brickwork, Windows & Doors.
Temporary Works Materials: Trench Supports, Formwork, Fencing.

7 PERSONEL INVOLVED & EMERGENCY CONTACT NUMBERS

Director: Karl Parker
Ultimate responsibility for site operations, method statements and safety.

Contracts Manager: Ged Carr 07731 998604
Responsible for all day to day matters.

Senior Operative: assigned to the work is named in Section 1.
Local Accident and Emergency Hospital: Baglan Way Port Talbot, SA12 7BX

Utilities Emergency numbers:
National Grid - Gas 0800 111 999
Electric - 0800 195 4141
Water - 0845 746 2200

8 COMPETENCY, PERMITS AND TRAINING REQUIREMENTS

INDIVIDUALS

- 1) All site operatives are trained and qualified for the tasks they are permitted to undertake.
- 2) All site operatives, supervisors and managers are CSCS qualified to the appropriate levels, including Black and Gold cards.
- 3) Individual site personnel also have certain additional qualifications, including CPCS or similar, to carry out the duties required.
- 4) Banksman will be trained and competent.

9 PERSONAL PROTECTIVE EQUIPMENT (PPE)

All PPE for the works is issued for the environments expected, risks identified and tasks to be undertaken, which include the following:

- 1) Hard hat
- 2) Boots with steel toecaps to comply with BS EN 20345:2004.
- 3) Yellow/Orange high visibility waist coat or long sleeved jacket.
- 4) Safety glasses where required by risk assessments.
- 5) Gloves where required by risk assessments.

Shorts are Strictly prohibited

10 PREPARATIONS

We will notify the neighbours that the works will be commencing.

The Magna Projects senior site operative is to be briefed prior to going to site to ensure all risks have been identified and mitigated, a clear method of work is agreed and the correct equipment is in the service vehicles or has been delivered to site.

All sub-contractors will be briefed regarding the works and their Method Statements and Risk Assessments will be received prior to them commencing onsite.

The site shall be secure at all times to prevent access from the general public. The immediate work area will be fenced off using temporary Heras fencing around the contractor's site work area as shown on the enclosed Site Set-Up plan, to secure it during the contract period. These hoardings or fences will be maintained throughout the duration of the works.

Site office and welfare facilities will be established as identified on the plan, utilising the servicing points as identified on the drawings.

11 SEQUENCE OF WORKS

Site Preparation:

Cabins will be mobilised to site and located in an area agreed with the client to allow connection to power and water supplies. RAMS will be provided prior to commencing works to ensure full coordination.

Site traffic will follow the route indicate on the drawing to the safe compound area, and then operatives will follow the pedestrian routes to access the works.

Demolition Works:-

Grubbing up of the existing ground slab will take place allowing for new drainage and foundations to be done.

Sub-structure Works:

During the site clearance, the building area including a perimeter strip will be covered with aggregate levelled and rolled as per the Structural Engineers design.

The initial works will be to clear the site of existing tarmac finishes.

The site will then be levelled and MOT spread and rolled across the site to give a safe working platform.

Excavations will be undertaken at pad foundation positions and strip foundation locations. The reinforced concrete foundations will be installed as per the Structural Engineers design.

Drainage works to the building will be undertaken as per the layout shown on the contract drawings and as per the Structural Engineers design.

Superstructure Works:

The building frame will be erected in accordance with the drawings commencing with structural steelwork and followed by cladding works. Blockwork will be installed at the appropriate time to suit construction. RAMS will be provided by the specialist contractor prior to commencing works to ensure full co-ordination.

External doors and windows will be installed by specialist contractors as per the contract drawings. RAMS will be provided by the specialist contractor prior to commencing works to ensure full coordination.

At the appropriate time in the programme sub-base within the building will be brought to level and prepared for the installation of the reinforced concrete floor.

The reinforced concrete floor will be installed by a specialist Sub-contractor in accordance with the Structural Engineers design. RAMS will be provided by the specialist contractor prior to commencing works to ensure full co-ordination.

External Works:

The works to the front yard will be completed at a time to suit the contract closer to the end to allow the safest and most flexible solution of constructing the unit as the site is tight, the front yard is going to be needed for storage as long as possible.

The works will consist of the Drainage run, kerbing and a specialist contractor completing the tarmac works.

Completion:

On completion of the works the site will be cleared of any surplus contractors materials and site setup facilities. The building will be handed over to the client ready for internal fit out works by others all building maintenance manuals will be provided within a reasonable time period. Training will be provided for the clients operatives in the use of the installation at a mutually agreed time.

12 PROCEDURE AND METHODOLOGY

Materials will be delivered to site to suit progress of the works.

All vehicle movements and deliveries will be subject to the control of the Site Manager in liaison with the Trade Contractors onsite at that time. The storage of materials on site will be kept to an absolute minimum and therefore delivery scheduling will be carried out to ensure supply is on a 'just in time' basis only. All concrete and screed deliveries will be proposed as 'ready mixed' and will be delivered to site in appropriate vehicles.

Access to the work site is to be provided by the Customer using the existing site entrances. An area will be set aside for a site compound to provide adequate welfare and storage facilities. Refer to site set up plan as agreed by the customer/ contractor. The site is accessed as indicated on the overall site plan.

13 CONTROL OF DUST/NOISE/ROAD CLEANLINESS

All works will be undertaken with suitable precautionary measures in place to minimise the effects from noise, dust and vibration. The site will be kept clean and tidy at all times and will accord with any statutory requirements.

Noise Control

All reasonable steps will be taken to reduce any adverse effects of noise generated by the construction works.

Guidelines as set out in BS 5228; Code of Practice for Noise and Vibration Control will be followed to ensure we are considerate of the public, minimise undue impact to neighbouring properties and keep complaints to a minimum and thus the following rules will be adhered to:

- All construction works shall only be carried out between the hours of 8:00-18:00 Monday – Friday and between 8:00 -13:00 on Saturdays. These times will be adhered to as stated within the planning condition. No works or deliveries will take place out of these hours and these hours will be strictly adhered to
- Deliveries will also be made at the same time as the site working hours
- No work will be carried out on Sundays or Bank Holidays-
- All equipment will have appropriate noise control measures.
- The location of all plant and machinery, will be positioned as far as is reasonably practicable from sensitive receptors, specifically members of the public and adjacent residential properties. As a matter of course all plant and machinery will have the engines turned off when idling.
- Magna Projects will complete a letter drop to all retail premises to explain what the works are that are being undertaken and advise them to send in any questions they may have regarding the site and the works, and we will do our best to answer them in a timely manner.
- Public footpaths and highways will be kept in a clean and tidy state and to ensure this, we will leave the Concrete yard in for as long as possible where this is not possible we will lay a clean capping of MOT over the site.
- All employees will be advised on a regular basis as part of their training of the following: -
 - the proper use and maintenance of tools and equipment
 - the positioning of machinery on site to reduce the emission of noise to the neighbourhood and to site personnel
 - the avoidance of unnecessary noise when carrying out manual operations and when operating plant and equipment
 - the protections of persons against noise
 - the operation of sound measuring equipment
 - the use and maintenance of sound reduction equipment fitted to power tools and machines
- All reasonably practicable steps will be taken to reduce noise and dust from causing nuisance. If we have any complaints regarding noise level from the site stop work immediately, investigate, report the complaint to our office and also the client agent, wait for the investigation to be resolved before we start work again, if the work cannot be completed in any other way wait for advice

Noise Control at the source- ways we will control this

We will: -Avoid the unnecessary revving of engines and switch off equipment when not required - Existing plant and equipment will be fitted with sound reduction kits (if required).

Dust Control

In order to minimise the effects of dust which may occur during the construction period the following measure will be taken:

- A supply of water and a means of dispensing it will be provided and maintained to dampen any dust created from construction activities in order to minimise any emissions from the premises-site supervisor to monitor at all times.
- The sweeping of dust or dusty material will not be permitted without effectively treating it with water or other substance in order to minimise its emissions from the premises. ? No burning, under any circumstance will take place on site

Road Cleanliness

In terms of managing the mud and debris that maybe created we will ensure the site will be Concrete or stoned up and clean with no clay or debris for wagons to drive over hence a clean site policy.

Due to the tightness of the site it is not reasonably practicable to use a full wheelwash facility due to the area they take up, what Magna Projects will have is a road sweeper on call to ensure the road is kept clean and tidy should any debris escape our cleaning exercise in the site area. This will be monitored by our Site Manager on a regular basis.

14 SAFETY

Prevention of Slips, Trips and Falls-

All work areas and access routes will be kept suitably clear and free from obstruction to minimise the risk of slips, trips and falls. Full recognition and regard will be taken in the management and execution of the project of the Construction Design and Management Regulations 1994.

15 DISPOSAL OF WASTE

Any waste that is removed from the site will be disposed of in accordance with the Environmental Pollution Act Duty of Care. Waste transfer notes will be retained on the site.

16 SITE ACCESS & DELIVERIES

Vehicular and pedestrian access to the site compound will be from The site is located in a retail park just off the A4241 Afan Way

Construction vehicles will access the site as above.

Delivery vehicles will be provided with directions to the site when materials are ordered and will be required to turn off engines to avoid nuisance upon arrival.

Delivery constraints will be identified to all suppliers and trade contractors.

Deliveries of materials, plant and equipment will be strictly controlled and co-ordinated by Magna Projects Ltd.

Magna encourages all operatives where possible to car share to reduce emissions from vehicles travelling to work on our sites. Notices to encourage this will be placed around the welfare facilities.

In terms of lorry movements we expect around 10no. to allow for materials and materials going off site. Beyond this we expect everything else to be small van load deliveries. The majority of lorry movements will be deliveries to site, Disposal of excess material off site. All these movements will be spread across the contract duration.

The works boards at the gates will inform anyone who is interested what is happening the following week and what to expect.

17 SIGNAGE

Adequate signage will be installed such that vehicle deliveries and access to the site are clearly defined within the general site/ geographical area.

A main construction signboard will be positioned in agreement with the customer. Site signage will be provided within the curtilage of the site as necessary to advise operatives/visitors and delivery staff of safety requirements within the confines of the site and where to report on arrival. Such signage will include: -

Accommodation / Access requirements

Speed Limits

Overhead / Underground Services

Safety Helmet and Footwear Requirement

Noise

Danger Construction Site, etc.

18 ENGAGEMENT STRATEGY WITH NEIGHBOURS

The project will be registered with the Considerate Contractors scheme which pays particular attention to interaction with the neighbouring community. As part of this we will write an initial letter to all neighbouring properties to inform them of start dates, works programme, and any changes during the construction. Any unneighbourly behaviour will be logged on site in the diary and immediately with our Contracts Manager and the office, all this information will be available at any time. If the behaviour of the neighbours becomes too disruptive it will be reported immediately to the local police.

Letter drops will be posted to local neighbours once a month to keep all the neighbours up to speed with where we are at with the site along with the site manager visiting them regularly to ensure we are not causing any unnecessary disruption.

CONCLUSION

The above method statement has been developed specifically to demonstrate our understanding of the project requirements and the detailed methodology required to carry out a project of this nature.

SIGNATURES

Statement Prepared By	GED CARR	
Date	12/1/2023	

METHOD STATEMENT

I have read and understand the requirements of the above Method Statement.

DATE	NAME (PRINT)	SIGNATURE	POSITION