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1.0. Introduction and Scope

This document provides information in reference to the construction works of the Ormskirk Road new build project.
The document outlines

- Security of site
- Welfare
- Traffic management
- Environmental management
- Waste management
- Control of delivery and parking

2.0. Resources

3.0. Position	Requirements
Managers	Paul Byrne IOSH Managing Safety
Plant Operators	TBC NPORS/CPCS/CSCS

Labour	Check
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General operative			Y
Excavator operator			Y
Plant and Equipment			
Excavator			Y
Grab wagon			Y
Hand tools			Y
Scaffold			Y
Consumable Stores			Y
Materials			
Timber			
Aggregates			
Materials			
PPE			
Site standard:			
Safety helmet EN397:			
Safety footwear (ankle support laced, steel mid soles)			
light eye protection: EN166-IF			
Hi-visibility jacket long sleeve: EN20471:2013 class 3 and trousers, which must be: class 2 or coveralls compliant with this standard.			
Any additional task specific PPE is referenced within the task specific RAMS			
Additional as identified in risk assessment:			

4.0. Nearest Hospital

<u>Nearest Hospital</u>
Fazarkely Hospital
Lower Lane, Liverpool
L9 7AL

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5.0. Prestart

- The task supervisor shall ensure that all involved have been inducted, briefed on these and other associated RAMS.
 - Task supervisor will assess and plan the intended work scope and brief operatives involved on the outcome and intended activity.
1. Any additional risks involved in the work scope that are not covered in this or other SSOW documents.
 2. All operatives involved have attended the full project induction and are fully aware of the emergency arrangements.

6.0. Enabling Works

6.1. ENABLING

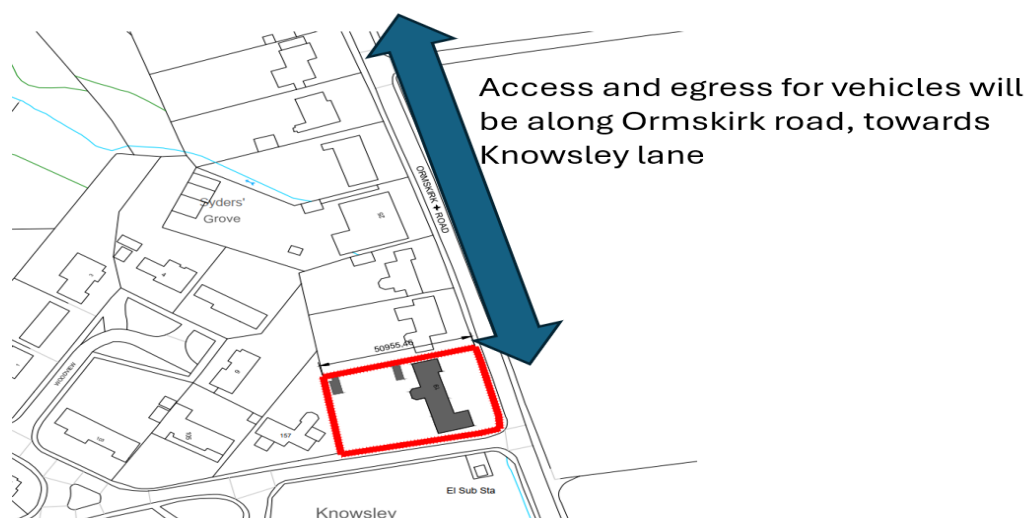
Prior to work commencing

1. Welfare shall be arranged and available within the existing building (garage), this shall consist of toilets / washbasins, drinking water, kettles and microwave
2. All services shall be isolated and locked off and proven dead
3. The site shall be suitably secured to prevent unauthorised access, using 2m high fencing at open perimeter areas and information / warning signage

6.2. TRAFFIC MANAGEMENT

During the build process the team shall use Hiab's for deliveries of palletised materials. Deliveries shall access the site through the existing Ormskirk Road access point. Based on the size of the delivery access point vehicles shall be turned on site to minimise reversing onto the highway

All deliveries shall be inspected prior to leaving to ensure that wheels are clean and free from any debris, the team shall use brushes, scrappers and when applicable water washing equipment to clean vehicles prior to accessing the highway – Note: All wagons shall be fully sheeted when leaving site.



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7.0. People Plant Interface

At all times during the process, all involved should ensure that people, vehicle plant interface is established and maintained to site standards.

Appropriate physical barriers/cones erected to create exclusion zone & segregate Plant/Persons with the aid of a Vehicle Marshall.

People are not permitted to enter the plant exclusion zones. Any person wanting to enter must get the operators attention from outside the exclusion zone & wait until signaled by the operator to enter/ approach. Driver will stop working & switch engine off.

Plant to have fully functional reversing alarms & camera. Any reversing outside of “plant only zone” is to be controlled by PVM.

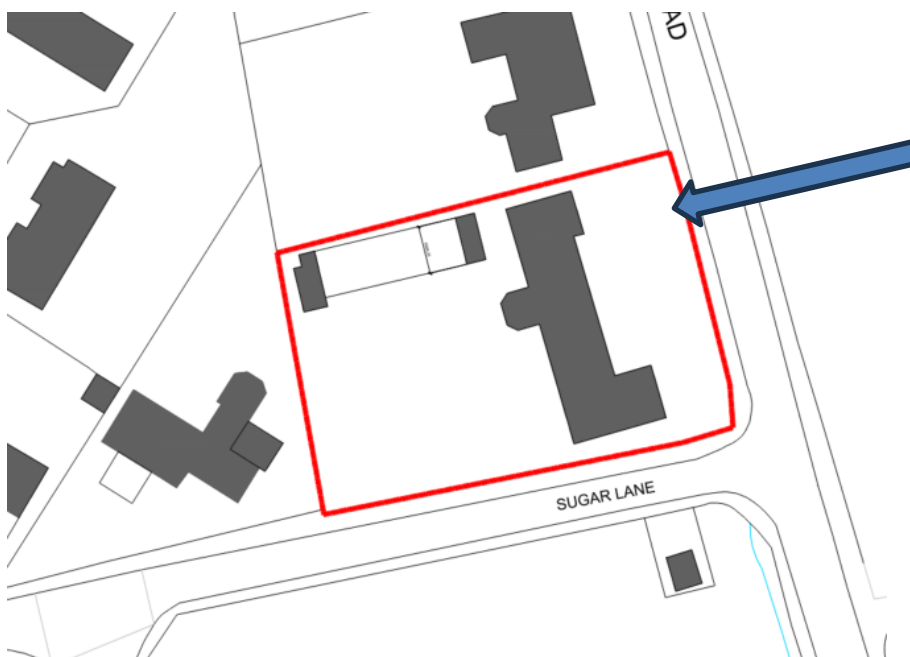
Note: Plant shall only operate between the hours of 08.00am – 17.00



8.0. Site layout

All construction works will be carried out between 08:00–18:00 Monday to Friday and 08:00–13:00 on Saturdays, with no works taking place on Sundays or Public Holidays.

Adjacent properties have been notified of the works, and works will have minimal impact on normal traffic.

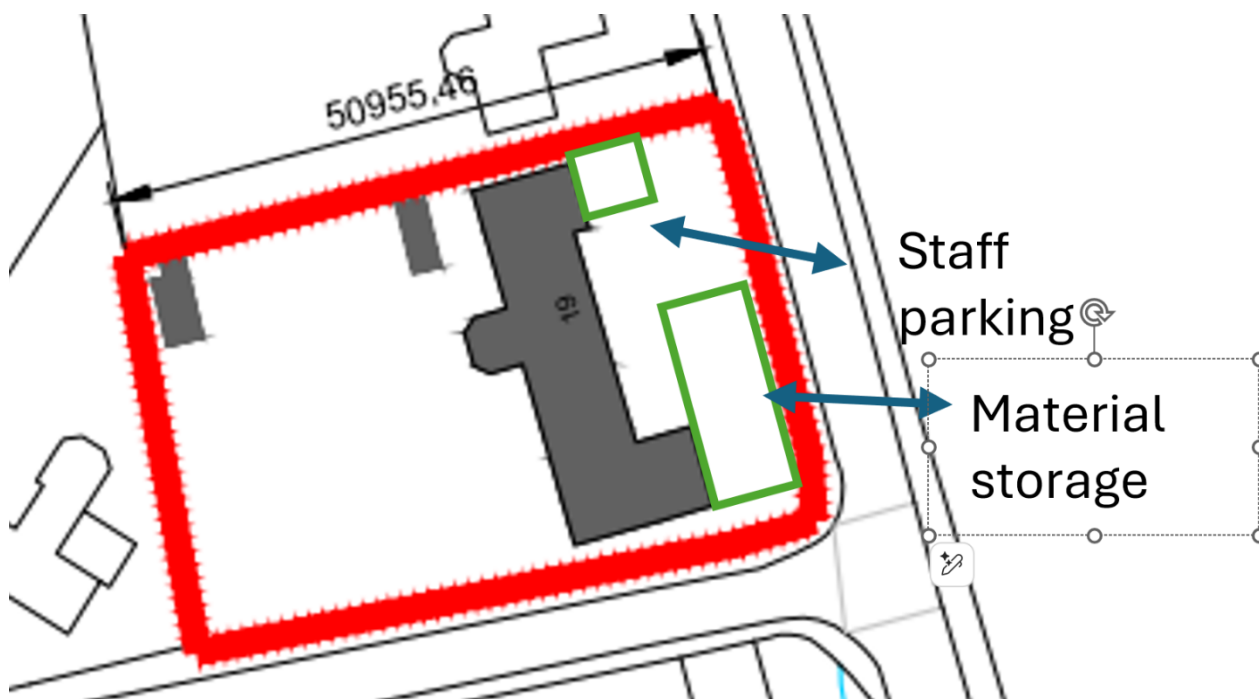


Red indicates site boundary.

Site access for vehicles

Note plant storage shall move due to the dynamics of the build, at all times the site teams shall ensure that parking is within the red line boundary, and all plant is secured accordingly.

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9.0. Site security

All reasonable steps will be taken to ensure that only authorised persons are allowed onto the site or part of the site where construction work is being carried out.

Site boundaries, securely fenced and signed, will be adapted as and where necessary as work progresses.

The site will be securely fenced using hoarding / hears fencing to ensure security and to reduce the visual, noise and dust impact to the surrounding areas.

A dedicated person will be appointed to monitor the comings and goings of personnel, plant and equipment.

All visitors will need to sign in and out and be always escorted in the construction areas.

10.0. Site rules

- It is your duty to take care of your own health and safety and for the health and safety of all other persons who may be affected by your acts or omissions.
- You must always remain alert and keep a sharp look out, not only for vehicles and plant in the work's area but also for vehicles and plant which may enter the work's area accidentally.
- When on site you must wear safety footwear, safety helmets and any other PPE required by contractor's assessments.
- Good housekeeping is essential on the site. Keep the site tidy. Remove all rubbish as soon as possible. Ensure all materials are stored in proper container and in a proper manner.
- You must obey the instructions of your supervisors. Wilful disregard of these site safety rules will result in being removed from site.
- Unauthorised visitors, children and personal pets are not allowed in the work's area.
- You must not take part in or encourage 'horseplay' of any kind.

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- Consumption of alcohol within the bounds of the site is prohibited. You will not be allowed to work if unfit to do so due to the influence of drink or drugs.
- You must only enter and leave the site at the authorised points and not by any other route.
- You are required to attend an induction session and will not be allowed to work unless you have done so.
- You will attend all site safety training sessions as may be required from time to time by site management.
- Report any hazards, near misses, etc to your supervisor / manager.
- All injuries, ill health and damage incidents must be reported to site management.
- Plant and equipment must only be operated by trained and authorised personnel in the manner for which it is designed.
- Scaffolding and / or suitable guardrails must be provided to areas where falls are possible. Where these cannot be provided other fall arrest systems such as netting will be used. You must not work in situations where there is a risk of falling. Safety harnesses must not be used without authorisation from Site Management.
- Do not use ladders which are not tied and secure or scaffolding which is incomplete.

11.0. Scaffolding

Scaffold should only be erected, dismantled or adjusted by trained scaffolders working in accordance with current legislation and the National Association of Scaffold Contractors guidance document.

Where system scaffold is used, the competency of the persons erecting it should include formal training provided by the system scaffold supplier as a minimum.

The scaffold should be erected in accordance with the design prepared by a competent person and should not be used until a handover certificate has been completed by the scaffolder and the workplace management have inspected the scaffold.

Scaffold loading bays should be clearly signed with their safe working load and provided with safety gates.

The scaffold and access ladders should be visually inspected by a competent person at the start of each working day, and weekly inspections carried out and recorded. The scaffold should also be inspected following any alteration or incident that may have affected its stability e.g. high winds, struck by plant etc.

12.0. Environmental

Throughout this project all environmental aspects will be investigated and any action required will be undertaken to ensure that we comply with environmental regulations.

Attention will be paid to re cycling materials wherever possible and we will encourage all our sub-contractors to undertake this practice whilst carrying out work on behalf of us.

All waste will be segregated on site according to its categories and where required will be disposed of using the correct channels as laid out in current regulations. Checks will be carried out during the project to confirm the disposal process used is being adhered to by all parties concerned.

Note: The site shall run off mains power at all times, the use of generators shall not be required, if needed at any times they shall only be used between the hours of 08.00am – 17.00

12.1 Noise and Vibration Control

Noise and vibration will be controlled throughout the construction process. All works will be carried out during agreed working hours, and plant and machinery will be selected and maintained to minimise noise emissions.

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Where necessary, additional mitigation measures such as temporary barriers, controlled working methods and sequencing of works will be implemented to reduce impact on neighbouring properties.

12.2 Pest Control

Appropriate pest control measures will be implemented throughout the construction phase. The site will be maintained in a clean and tidy condition, with waste regularly removed to prevent attracting pests.

If required, a specialist contractor will be appointed to manage any pest issues that arise during the works.

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13.0. Risk Assessments

Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
Adverse weather	- Personnel – other site personnel - Slips / Falls - Unplanned movement of materials	3	3	9	- Personnel to monitor weather forecasts and make suitable adjustments to reflect impact on all work when applicable - Monitor site and cease work activities if site is flooded, snowbound or iced over. - Ensure mitigation measures. Are in place before arrival of adverse weather fronts. - Ensure workforce are issued with suitable foul weather clothing for predicted conditions - Ensure adequate breaks and warm drinks during cold weather.	1	3	3
Work at Height (General)	- Personnel - Falls from height causing serious injury. - Materials falling from height causing serious injury. - Failure of equipment	4	4	12	- Pre-start survey to be carried out to identify if scaffold has been inspected and tagged by a trained, competent and authorized person and is suitable for use. - Work on module platforms to be assessed by the supervisor to ensure that all handrails and floor gratings are installed correctly and fit for purposes with suitable ratings for the planned loadings of people and equipment for the task - All work shall be initially planned to ensure that operatives are working behind full guard rail areas whenever possible to do so	1	4	4
Electricity/ Work Equipment	Personnel – other site personnel	2	4	8	- All portable power tools to be double insulated and double action switch - Only equipment operating at 110 volts or less will be permitted on site.	1	4	4

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
	Electrocution / Burns				- All equipment will be pre-use safety checked and equipment found to be damaged will be put out of use, quarantined and reported immediately. - Tool operators will be familiar and competent in the use of the said tool. - At all times the user will have total control of the tool, if this cannot be sustained the work process will be reviewed. - Be sure all guards are fit and in good working order. - Only trained and competent people to test repair and maintain portable electrical equipment. PAT tests are to be carried out every 3 months. - All cables will be routed so not to cause a tripping hazard.			
Use of hand tools	- Various injuries including: - Impact injury - Entrapment - Cuts	2	4	8	- Operative to be familiar and competent to use the intended hand tools - Operative to ensure that they read and understand the manufactures operating manual for the equipment they intend to use - Operatives must perform a pre-use inspection of the equipment and ensure that all defects are reported to the supervisor - All damaged equipment must be taken out of service and repaired or replaced - Operatives will ensure that loose clothing is considered to prevent contact with equipment parts during use	1	4	4

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK														
		L	S	R		L	S	R												
Vibration/ HAVS Grinders Impact Drills	- Personnel - Disruption of blood circulation - Vibration white finger - Gangrene - Muscles Weakness - Hand arm vibration Syndrome	3	3	9	- Operative to ensure that they have attended HAVS training and they are fully aware of the exposure values provided by the equipment manufacturers. - Exposure times to be recorded by the user on the daily pre-start assessment document and monitored by supervision at the end of each shift - In accordance with HAVS training operatives must stop working and report any concerns to their supervisor immediately (Tingling in the hands / fingers etc.) - Operatives shall ensure that gloves are worn at all times during use of vibration equipment - Operatives shall ensure that operatives maintain good postures at all times when operating vibrating equipment - Operatives shall minimize force at all times when operating vibrating equipment - Operatives shall ensure that they warm up their arms and hands prior to operating vibrating equipment <table><tr><td>Equipment</td><td>Vibration Magnitude (2.5 m/s²)</td><td>Approved daily use duration</td><td>Foreseeable daily use durations</td></tr><tr><td>Grinder</td><td>3.9</td><td>3hr 17m</td><td>2hr 0m</td></tr><tr><td>Battery impact drill</td><td>11</td><td>0hr 25m</td><td>0hr 10m</td></tr></table>	Equipment	Vibration Magnitude (2.5 m/s²)	Approved daily use duration	Foreseeable daily use durations	Grinder	3.9	3hr 17m	2hr 0m	Battery impact drill	11	0hr 25m	0hr 10m	1	3	3
Equipment	Vibration Magnitude (2.5 m/s²)	Approved daily use duration	Foreseeable daily use durations																	
Grinder	3.9	3hr 17m	2hr 0m																	
Battery impact drill	11	0hr 25m	0hr 10m																	
People plant interface	striking persons / crushing persons causing fractures,	3	4	12	Appropriate physical barriers/cones erected to create exclusion zone & segregate Plant/Persons with the aid of a Vehicle Marshall.	1	4	3												

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
	fatality, damage to property				- People are not permitted to enter the telehandler/ plant exclusion zones. - Any person wanting to enter must get the operators attention from outside the exclusion zone & wait until signaled by the operator to enter/ approach. Driver will stop working & switch engine off. - Plant to have fully functional reversing alarms & camera. Any reversing outside of "plant only zone" is to be controlled by PVM.			
Demolition	Serious injury or fatality from uncontrolled collapse	3	4	12	- Demolition sequence designed by competent person - Progressive demolition from top down - Exclusion zones enforced - No undermining of load-bearing structures - Daily inspections by site supervisor - Controlled demolition methods - Debris chutes or mechanical grab systems - Exclusion zones and barriers - Hard hats mandatory - Banksman used during machine operations - Secure fencing around site - Warning signage displayed - Controlled access points - Monitoring of boundary conditions - Liaison with neighbours - Safety helmet - Hi-vis clothing - Safety boots (toe & midsole protection) - Gloves - Eye protection	1	4	4

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
					- RPE as required - Hearing protection			
Live services	Electrocution explosion /	3	4	12	- All services identified and isolated - Services capped before demolition - Survey drawings available on site - Dead testing confirmed	1	4	4
Noise and dust / vibrations	- Respiratory issues, long-term health effects - Hearing damage, HAVS	3	4	12	- Dust suppression (water spray / misting) - Damping down debris - FFP3 RPE provided and worn - Enclosed cabs with filtered air where possible - Monitoring of wind/weather conditions - Ear defenders provided and used - Low vibration tools used - Tool maintenance regime - Task rotation implemented	1	4	4
Housekeeping	Slips, trips & falls.	2	3	6	All packers to be disposed of in the designated waste skips. All banding to be disposed of into designated waste skips. Adopt a “tidy as you go” policy. All lifting equipment is to be returned to the rigging store on completion of the lift.	1	3	3
Transportation / Delivery to main compound (Front of property)	Loads operating on local infrastructure. Loads operating around delivery compound	2	3	6	Transportation Company to ensure that all conditions are complied with at all times. Evace lead Interface between delivery & receiver contractors during the delivery process Transportation Company to ensure that all delivery operators are trained, competent and authorised.	1	4	4

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
					Delivery drivers to receive the relevant level of project information			
Mechanical Lifting of delivery Placement of Delivery Unsuitable ground conditions Loss of load during lift	Overturning of equipment Lifting equipment failing Loss of load during lifting activity Serious injury or harm to project personnel Equipment / plant damage	2	3	6	Offloading contractor to ensure that all involved in then unloading & loading process are trained, competent and authorised to carry out the works. Offloading contractor, to ensure that all loading is carried out in accordance with the approved SSOW documents	1	4	4
Plant, vehicle & pedestrian interface. Unsuitable ground conditions / access egress Falls from height. Inadequate lighting levels Non-essential persons entering area. Theft of materials or equipment Damage to cable or equipment caused by vandalism	Plant / vehicle and pedestrian collision causing serious or minor injury. Plant / vehicle overturning. Trips or falls causing injury. Programme delays	2	3	6	Evace Project management team to ensure that temporary works design is complied with during the work execution. supervision to continuously monitor and inform PC of any concerns in regard to the joint bay: Excavation, traffic management, lighting, water management & security arrangements	1	4	4
Traffic management	Project traffic management: Pedestrian / traffic collision Asset / traffic collision	2	3	6	management team to ensure that the PC traffic management plan is implemented during the construction phase.	1	4	4

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Task	Hazard / Risk	RISK			CONTROL MEASURES (List control measures that are provided and those required)	RISK		
		L	S	R		L	S	R
	Traffic/ traffic collision Traffic overturning on soft ground				management team to ensure that the project traffic management plan is effectively communicated to all project personnel. Project management team to ensure that only trained, competent and authorised personnel drive or operate project vehicles / plant. Site will have a 10mph speed limit throughout Project induction shall provide key information in regard to project traffic management arrangements and driving rules			

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BRIEFING RECORD

MS Briefed out by:	
Signature:	
Date Briefed:	

I confirm that I have read and understood this method statement and ensure that I will work in according to the agreed Safe Systems of Work at all times, I understand that I have the right to 'Stop for Safety' if I feel that this method statement does not adequately cover the risks encountered, or if some section in not being performed as stated.

Name	Position	Signature	Date

Management of Change

If during the course of the works, it is found that there is a need to make changes to this method statement. The team must stop work and assess the situation as per the following: -

- Significant Change – The RAMS must be revised by the document approver.

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• Minor Changes – the following section must be completed

Minor Changes:	This method statement, and associated risks, should only be changed in consultation with the Author and Approver as noted on the front page.			
Section ____	•			
Section ____	•			
Section ____	•			
Section ____	•			
Section ____	•			
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Section ____	•			
Change Agreed by:	Name:	Signature:	Date:	Time:
	Tel:	Email:		
Change re-briefed by:	Name:	Signature:	Date:	Time: