

Overview

The following Construction method Statement has been designed to assist in the process of the planning application and on request of the case officer. This document will contain site specific details on how JET Network Solutions will access the new site at North Manchester Golf Club and a detailed description on how we plan to construct the site. The following areas will be covered below in detail;

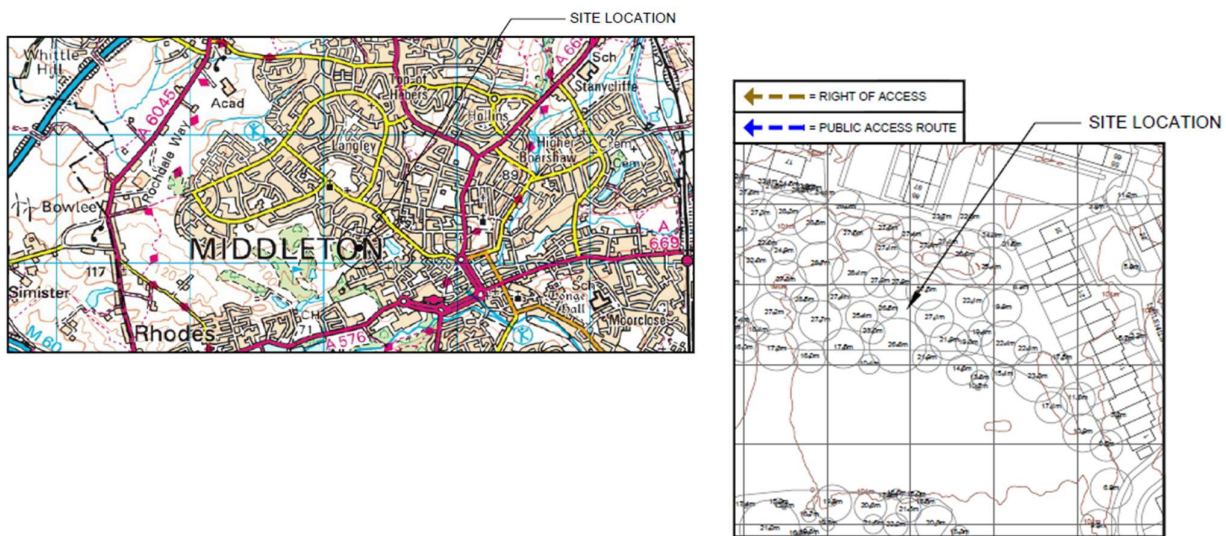
- General scope of works for the overall construction of the site.
- The plant and materials which are to be used.
- The proposed access route to site along with any upgrades or improvements made to these.
- The management of soil and vegetation on site.
- The reinstatement and landscaping for the site compound and the areas surrounding the site.
- The control measures implemented for the protection of existing trees (construction exclusion zones)

Site information

North Manchester Golf Club,
Manchester Old Road
Middleton, Rochdale
Greater Manchester
M24 4PE

Directions to site

What3words: dose.these.green
Exit M60 at J19, Take the A576 exit to Middleton,
At Rhodes interchanges take the 3rd exit onto
Middleton road/A576, after 2KM you arrive at
Manchester Golf Club.



Site Construction Plan of Works

Working Hours – 0800 – 1800 (light dependant due to time of the year)

As a design team we have chosen the conventional greenfield build process which will involve standard machinery both tracked and wheeled vehicles which can all use the access track into site. Our program of works will utilise wheeled vehicles to deliver the initial build material, pour concrete & aggregate along with the delivery of the tower itself and associated equipment which will be installed. Operatives will be able to use the track to access site on a daily basis. A designated parking area will be created so vehicles and a welfare unit can be parked on solid ground without causing any issues to the condition of the existing ground.

As per the drawings a new double access gate will be installed in the existing palisade fencing off Wood street. Secondly de-vegetation of existing trees, bushes and shrubbery is needed to allow the build to progress and to gain access to the site. Our in house landscaping team will conduct this stage of works ensuring no digging or removal of vegetation is conducted in the root protection areas. Once the access route is clear ground protection boards will be installed for the full length of the track up to site. Ample signage will be installed along the route indication that deviation from this track is strictly forbidden.

When sites have heavy construction plant & vehicles on site JET PICW will control the flow of traffic to and from site by implementing a 'One up – One down procedure. This is done for both a health & safety and an environmental protection point of view. By restricting the number of vehicles on site noise pollution will be kept to a minimum along with the need to deviate from the access routes and parking areas as these will remain clear.

Material handling areas and material storage areas will be clearly sign posted and fenced off for the duration of the works. A clear program of deliveries will be highlighted during the morning briefing informing all site operatives of these times will contribute to the overall Safe System of Works (SSOW) that we implement as a company. No public access will be available for both the site and access routes at any time during the build.

Plant & Equipment

Listed below is the proposed plant and equipment which will be needed in order to complete the build;

- Heras fencing.
- Ground protection matts.
- Welfare unit.
- Low ground pressure excavator (Circa 8T)
- Dumper truck for removal of waste.
- Strimmer & Chainsaw
- Basic hand tools

Control of Soil & Vegetation

As a company our ethos is the commitment to helping limit the impact our work has on the environment. This can be done through responsible soil management practices, the priority of site restoration and to ensure that our reinstatements minimise the impact on the landscapes.

Soil Management – The topsoil will be removed from the site and placed into one of the material management areas in order to preserve its quality. It will then be used on re-instatement to help facilitate the regeneration of vegetation in the surrounding areas.

Landscaping & Vegetation – Once the site is completed our landscaping team will follow on and complete the necessary works which will aim blend both the mast and compound into the existing surroundings. We will achieve this through the use of local vegetation and materials which are in use in the area, resulting in a minimal visual impact.

Weekly Site Inspections

Regular weekly site inspections will be carried out by a supervisor which will allow us as a company to monitor and ensure we are compliant with the above measures. The main access route to site will be checked to ensure that it is still in a safe and usable manner. In the unlikely event that an issue is found it will be reported to senior management who will implement a plan or a control measure to fix and prevent the issue from re-occurring. This will help to reduce soil impaction and disturbance to the surrounding area.

Pollution Prevention Measures

When building a new site there are always going to be potential risks to the environment. However our aim through good construction practices and also utilising effective mitigation & monitoring processes our an essential part of preventing this occurrences from happening. A number of control measures will be implemented to facilitate this practice.

- Any material or substance which could cause pollution, including fuels/oils or silty water. These will be prevented from entering groundwater, surface water drains or watercourses by the appropriate and effective use of silt fences, cut off drains, silt traps and other mitigation measures.
- Any sign of failing water treatment measures or contaminated water will be reported immediately to senior management.
- All refuelling will be carried out at least 50m from any watercourse. Where this distance is not achievable a minimum distance will be agreed with the ECoW. Fuel pipes on plant, fuel tanks will all be checked & maintained regularly to ensure that no drips or leaks to the ground occur.
- Spill kits will be available in each piece of plant/ vehicle which is on site. Site nappies will also be used and located next to any pollution sources on site.

Emergency Response Plans

To minimise the risk of an incident occurring, subcontractors must ensure that all operatives understand the environmental risks associated with their work activity and what control measures are in place to eliminate or reduce negative environmental impact.

If an environmental incident was to occur, operatives are trained to follow the JET Network Solutions Incident Management flowchart. This document is embedded into the on site Construction Health & Safety Plan.

Control Measures

Access route – These will be clearly marked using ground protection boards and signage.

Speed Limits – A 5mph full site speed limit will be implemented, this is to reduce soil compaction, root damage and overall site H&S.

Toolbox Talks – JET Network Solutions will conduct regular toolbox talks regarding sensitive and important issues relating to this site. These talks will aim to reinforce key guidelines.

Monitoring & Reporting – A monitoring program will be implemented to ensure that the process we have put in place is working accordingly. We will encourage a proactive approach to reporting of incidents or damage so we can intervene when necessary. This will ensure a quick response to mitigate any damage and initiate necessary repairs.

Future Access & Maintenance

With the inclusion of new main gates being built into the existing palisade fence line, engineers and operatives will have an easy access point to the site all year round. We will schedule around 2 maintenance visits a year to certify the tower itself and the fall arrest system. When on these visits our team will conduct an overall inspection of the complete site making sure it is still fit for purpose. With the distance from the road to site being approximately 20m, our engineers will be able to park on the road and walk to the site. This will minimise the environmental impact on the site and help preserve the area in its original state. The only time access to site via the track will be needed would be during a site upgrade. For this we would adopt the same processes regarding access as we did for the original build.

Welfare

The welfare area will be located on ground protection mats as stated above. We have requested a mobile welfare unit for the duration of the job. This can be easily positioned and moved if necessary. Located in the welfare units are cooking, washing and drying facilities.

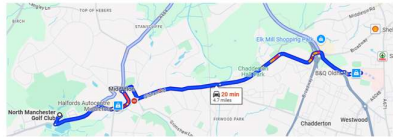
SEQUENCE OF WORKS

- Assess site for overhead hazards such as trees and overhead power lines.
- All necessary site signage/ advanced warning signage to be displayed.
- Mark out site location and access as per drawings
- CAT scan area and mark any services.
- Ensure breaking ground Protocol is adhered.
- Any services identified must be hand excavated.

Order of works:

- Construction Management Zones marked around areas of high concern before works commence (Areas with protected trees, Area's housing existing live services). NO WORKS TO TAKE PLACE UNTIL THESE HAVE BEEN SET IN PLACE AND AGREED BY ALL PARTIES.
- Set up site (marking out compound and base location, CAT scan for services, install/remove Herras panels, install goal posts, etc.)
- Strip compound.
- Excavation to compound/hardstand
- Levelling compound/hardstand area
- Set out RC base
- Build Cage foundation in position
- Pour Concrete using vehicle access.
- Level grillage and allow to cure.
- Strip Vegetation/peat from generator space and level area using type 1 or locally sourced material.
- Install lightning protection to mast base - 1st fix.
- Mast install – via the use of Crane
- Excavate for cabinet, meter and generator base.
- Install lightning protection - 2nd fix.
- Backfilling to foundation and reinstating site
- Install compound fencing in line with drawings.
- Install meter cabinet and Equipment cabs.
- Trenching and ducting (110/150mm duct)
- Compound finish
- Clear all surplus materials and tidy site.
- The Site area will be adequately fenced to prevent the public and other site users from the works.
- The Site will always be kept in a tidy and orderly fashion and due consideration will be given to the protection of third-party property.
- The site area will be left at the end of each shift fully secured by Heras Fencing
- A Clean and complete first aid box will be located within the operative's vehicle.
- A Fully serviced fire extinguisher will be located within the operative's vehicle.
- All Operations Undertaken are strictly in accordance with current health and safety legislation supplemented by our company Health & Safety policy.
- All machine operators will hold a valid CPCS or NPORS card for the item of plant they are operating.
- Delivery drivers must get in touch with site contact before any deliveries are made.
- All delivery's will be stored in the designated storage area.
- Any waste generated on site will be taken off site immediately. No waste will be stored on site.

SITE HEALTH & SAFETY ARRANGEMENTS

SITE HEALTH AND SAFETY ARRANGEMENTS							
Principal Contractor / Person in Charge of Works role:		- The PICW is the Principal Contractor's representative at site level and has responsibility for all site activities. The PICW also represents the Client in interfacing with the site provider and all 3rd parties. - Plan, manage, monitor and coordinate health and safety across all work scopes and suppliers, understanding any sequencing dependencies and high risk activities being undertaken. - Organise cooperation between contractors and coordinate their work. - Undertake a suitable site induction at which workers will be consulted and engaged in securing their health and safety. - Reasonable steps will be taken to prevent unauthorised access. - They will ensure a Construction Phase H&S Plan is on site and has been reviewed & updated with any additional relevant site specific information. - Ensure all contractors have method statement and risk assessment for the works including dynamic risk assessments as required. - Will ensure that all site rules are communicated and obeyed. - Understands that they are empowered to halt site works where they believe an unsafe act is taking place or is about to take place.					
			- All accidents, incidents and near misses are to be reported to the Principal Contractor immediately and notified to the Client & Britannia MCD within 24 hrs.		Principal Contractor Immediate point of Contact:		Sam Perrins
							07595465408
		First Aid:		- A First Aid kit appropriate for the works being undertaken will be readily available on site. - A trained First Aider will be on site during all work activities. - Eye wash will be available on site during all work activities.			
		Fire Arrangements:		How will operatives be warned of a fire?		In the event a fire, the PICW will call out "Fire" to operatives. As part of the site induction the PICW will advise and agree a designated meeting location away from site for contractors to move to in the event of a fire. Should a fire break out contractors should move to the designated meeting location in a swift but safe manner.	
				What are the specific fire evacuation arrangements for the site?		PICW will ensure that all contractors are at ground level and vacated the works area and moved to the designated meeting location, as advised and agreed at induction. Once at the meeting location PICW Nominated person will contact 999.	
				Site Specific Fire assembly point location:		Away from the site compound area and away from any hazards. PICW to confirm before work starts.	
		Accident & Emergency Location:		Hospital Address (including POST CODE):		Royal Oldham Hospital, Rochdale Road, Oldham, Lancashire, OL1 2JH 4.7 miles away	
				In case of emergency dial 999			
Welfare Arrangements:		Toilets:		McDonald's 28 Middleton Gardens, Middleton, Manchester, M24 4DF 0.9 miles away			
		Washing Facilities:		Site vehicles or above facilities			
		Rest Areas:		Site vehicles or above facilities			
		Drinking Water:		Site vehicles or above facilities			
		Area for changing and storing clothing:		Site vehicles or above facilities			
Rescue Plan:		- A rescue plan for all climbing and lifting activities will be available on site. - An appropriate rescue kit for the height of tower will be readily available on site. - A trained First Aider at height will be on site during all climbing activities.					
Permits to work:		Hot Works	Electrical	Scaffold	Permit to Dig	MSA	Other
		N/A	N/A	N/A	YES	N/A	N/A

METHOD STATEMENT

Site address / Location: <i>North Manchester Golf Club, Manchester Road, Middleton, Rochdale, Greater Manchester, M24 4PE</i>	Work Activity: Existing Greenfield Site, Remove old base and install New Tower Base	Produced by: T. Carsley	Date: 09/06/2025
Clients Name: Vodafone Three	Project Name: East Unwind	Site Number:	19427_0 VF
The people who this statement affect: JET NETWORK SOLUTIONS operatives on site, contractors, and visitors.			

Activity	Method
Access onto site	All personnel will report to the principal contractor / clients, by following their procedure for booking onto site, each person will undergo a site induction prior to starting any work activity.
Welfare Facilities	JET NETWORK SOLUTIONS s Ltd will ensure that their operations will have a trained first aider on site with an adequate first aid box, and a container which is identified as drinking water for mobile sites. Nearest Welfare Facilities
Hospital A &E	<i>Royal Oldham Hospital Rochdale Road Oldham Lancashire OL1 2JH 4.7 miles away</i>
Operatives On site	TBC
Equipment	Hand Power Tools Mechanical Hand Tools 8T Excavator and Breaker

Description of Works	Old base removal. New Greenfield Base Leave Site Safe & Tidy.
Method of work & Sequence	• Operatives will arrive on site and after booking in and induction, will set up a parking area for the transport using barriers, barrier tape and warning signs. This area will also be the loading and unloading area. • The site will be checked prior to commencement of works and all items photographed and listed will be removed or repaired where necessary. • The site working and storage area will be fenced off using PM barriers. • Taking reference from the supplied Utility drawings and trial hole report, the site compound area and adjacent area will be surveyed using a CAT scanner to identify any potential live cables which must be identified and isolated prior to any work commencing. • Mark out on the ground with spray paint any identified services. No mechanical excavation or concrete breaking can take place within 1m of any live service. Any services found to be uncovered by hand digging with insulated tools. Any unidentified cables discovered will be treated as live until proved otherwise. • Take Delivery of Plant and Materials • Set up Heras fencing and remove Existing palisade fencing to allow access for plant. • Taking reference from DD drawing mark out site position and photograph • Break Out existing base with 8t Excavator and Breaker • Excavate new tower base 3.9m x 4.5m x 1.7m • Install Earth mats and bare copper tape. • Bottom out excavation and set levels with rotation laser and Blinding pins. • Install and set Hutchinson tower foundation kit. • Pour concrete blinding and level and Rake in bottom of excavation. • Construct Rebar cage and Template and construct shutters with cordless power tools. • Pre pour photos to be taken with Staff in each corner. • Backfill around excavations with type 1 MOT. • Pour concrete in excavations and remove air with vibrating Poker. • Reinstate fencing as per original layout. • Once concrete is set remove shuttering and Stone compound. • The <u>IMPORTANT NOTE:</u> Photograph works at all stages and on completion as per HOP Requirements. Complete checklist prior to and after works completion. The area of work will be carefully tidied, all tools to be removed,

	warning signs/tape and materials will be put on the transport. Photographs of the site will then be taken before the remaining operatives leave site.
Duration of Works	The duration of works will be dependent on the scope of works and or the principal contractor.

JET NETWORK SOLUTIONS S LTD - SITE SPECIFIC RISK ASSESSMENT

Persons at Risk: All JET NETWORK SOLUTIONS LTD operatives on site, contractors, and visitors.						
Hazards Identified	Risks Identified	Risk Rating L S R			Control Measures	Residual Risk
General Site Safety	All installation sites have the potential to be dangerous places, as well as the specific hazards that are dealt with individually, several rules apply. Unauthorised persons entering work site (including children)	4	5	20	Adequate fencing will surround the site and barriers erected to prevent unauthorized entry. Compound gates will achieve this. Safety signs will be displayed warning all persons of the dangers inherent in site works. Supervisors to ensure that all signage displayed is clean and visible at all times.	5
Vehicles and mobile plant	Vehicles manoeuvring without clear vision Damage to property or materials. Failure to adequately segregate pedestrians, vehicles and plant. Risk of major injury or incident by pinning, crushing or trapping of persons.	4	5	20	PPE to be worn at all times: safety footwear, hard hats, high visibility vests or jackets. PPE will be worn at specific work activities as detailed below. Site induction training will be given to all Jet Projects personnel on site and Toolbox talks to address specific problem areas will be delivered by Jet Rigging supervisor. Vehicle movement will be controlled on site by a suitably trained banksman Speed limits to be observed when indicated. Site induction training to include working with or near vehicle movement. Parking zones and delivery vehicle off-loading points established.	5
Slips, trips and falls	Uneven surfaces, discarded materials, inappropriately stored materials, debris from	3	3	9	The site will be checked prior to commencement of works and all items listed will be removed or repaired where	3

	excavations, etc. Discarded materials, packaging, wrapping, etc left in the work area or path to and from the work area or in the path of others users of the site. Unsafe underfoot conditions				necessary. The list compiled by the Jet Rigging supervisor will be kept in site documentation for future reference. Discarded packaging and debris to be cleared to skips where provided to prevent slips and trips.	
Manual handling	Lifting, carrying and lowering items of equipment, materials, etc. Loading and offloading vehicles, roping, using wheelbarrows, etc.	5	3	15	Manual handling task will be reduced as far as is reasonably practicable. Operatives will be trained and instructed of manual handling techniques. Specific manual handling tasks will be individually assessed, and mechanical aids used where the assessment shows the load is too awkward or heavy for one person to lift. Two-man lifting could also be considered. Suitable gloves are to be worn when moving items with sharp edges. Site induction to include manual handling. Lorry crane to be used for all heavy items.	3
Plant and Equipment	Untrained/unauthorised use of plant and equipment excavators, Stihl saws, hand grinders, vibrating plates, etc. Possible faulty equipment. Possibility of a variety of injuries from the use or misuse of plant and equipment. Hazardous dust created by the use of Stihl saws, hand grinders, etc.	3	4	12	Only personnel licensed to operate specific types of equipment may do so. Pre-use safety checks are to be carried out and recorded. Supervisor to ensure that equipment servicing and maintenance is up to date and recorded. Jet Rigging to ensure that all relevant equipment has been “thoroughly examined” as required under the regulations for such equipment. COSHH assessments will be provided to cover dust created by cutting and grinding steel, concrete products, etc. See separate documents.	4
Noise	Caused by the use of items of machinery by drilling, cutting, grinding, etc. Possibility of noise induced hearing loss from excessive use of machinery.	4	4	16	The use of noise silenced machinery or screens to reduce noise will be introduced before issuing all personnel using or in the vicinity of this type of machinery with hearing protection.	4
Eye injuries	Eye injuries caused by fragments and particles emitted from drilling, cutting or grinding materials, and also from cutting tensioned strapping from bundles of components.	4	4	16	Eye protection to be worn at all times when operating all portable tools that generate particles and when cutting tensioned strapping on bundles of materials. Ensure that all users are provided with the correct grade of eye protection.	4
Work at height	Falls from height	2	4	8	All personnel working at height will wear safety harnesses	4

	Objects falling from height				securely anchored, and follow the Jet Rigging work at height procedure. Ladders and step ladders will be set up and used according to manufacturer's guidelines.	
Hand/arm vibration	Potential for injuries such as: vibration white finger, damage to tissue and blood vessels, caused by the use of items of vibrating machinery.	3	3	9	Jet Rigging Hand Arm Vibration guidance section 09a is in place to give information to help, prevent operatives developing this type of injury. All personnel must be trained, instructed and informed with regard to the use of this equipment and the steps to be taken to avoid injury. The use this equipment will be reduced to a minimum by limiting workplace exposure times.	3
Excavations	Possibility of injury due to collapse or falling into excavation. Materials falling into excavations Dangerous machinery Potential for fire/explosion, electric shock and electric burns due to damage to services during excavation works. Possibility of asphyxiation due to exposure to toxic substances or lack of oxygen	4	4	16	All excavations will be carried out in accordance with the Construction (health safety and welfare) regulations 1996, and HSE CIS 8. HSG 47 Sections 13, 14 and 16 with regard to underground services. Utility plans to be made available prior to commencement of works, where these are not available the search requirements are detailed separately on this form under Utility Drawings. Cable locating equipment will be used to correctly establish the location of services and those will be marked accordingly to avoid accidental contact. 22000v insulated shovels will be used during excavation works. Where required excavations will be supported and gas and fume checks made to ensure area is safe to work. Excavations may also be undertaken by mechanical means and all items of equipment will comply with PUWER, 1998. Supervisors will be suitably trained to use this type of equipment.	4
Contaminated Land	Soil contaminated with pollutants, oil,etc.	2	4	8	Obtain information from the client before work starts on land use and condition. If contamination is suspected work will cease and guidance sought from the client. Client is responsible for testing soil for contamination.	4
Hazardous substances	Dust from cutting operations can cause harm and damage the lungs.	5	3	15	COSHH assessments are to be carried out on all substances in use to determine the precautions to be taken whilst using the product. This may include the wearing of the correct	3

					PPE. Dust mask must be worn. A separate COSHH register will be available for all hazardous substances, used on site. All employees trained in the use and hazards of substances, etc. during induction and ongoing training based on the COSHH assessment. No hazardous material or substance will be allowed on site until a suitable assessment has been made and advised to the main contractor.	
Occupational diseases	Skin damage may occur during handling, cutting, using and preparing of bitmac/asphalt, concrete and concrete products, sealants, stainless and mild steel products. Potential inhalation of dust, fume, vapour from work activities. Leptospirosis (Weil's disease) Psittacosis There is limited potential for this type of ill-health during green field site work from both rat and cow urine and bird faeces contamination.	3	3	9	All operatives will be required to ensure that personal hygiene is maintained to a high standard during this type of work and to ensure that hands are washed before eating and drinking and before and after using the toilet. PPE will be issued as required and an adequate supply of warm water and cleanser for washing.	3
Electricity	Electrocution of personnel handling damaged live cables. Cables crushed by vehicle impact.	3	5	15	Adequate correctly installed temporary power supply 110v to be provided to reduce trailing cable runs. All power cable sockets and portable tools 110v visually inspected prior to use. All precautions will be taken in order to work in a safe manner during darkness hours.	5
Weather conditions	Potential for injury when working during the hours of darkness Potential for injuries when inclement weather conditions prevail: sun, rain, snow and ice and high winds. Lightning conditions	2	3	6	Illumination will be provided by 110v halogen lamps with step down transformers. Supervisors will be responsible for ensuring all personnel have wet weather and cold weather clothing when required. All work on masts must stop until conditions improve to a safe condition.	3
Personal Protective clothing	Possibility of injuries from failure to wear hard hats, safety footwear, hi-visibility vests or jackets, overalls, hearing protection, safety glasses, dust masks, thermal clothing, sun screens, etc.	3	3	9	All personnel are issued with all of these protective items and will require to wear them where the risk assessments dictates. Site induction to include information regarding PPE and the requirement to wear this equipment.	3

Safety signs and signals	Potential for injury to persons due to lack of information.	3	2	6	All safety signs and signals will be displayed as required.	2
Hot works			N/A			

At each site a specific risk assessment must also be completed to address the hazards and risks on that site

Summary of Risks:-

All sites have the potential to be hazardous places in which to work. A number of injuries and cases of ill-health may well occur unless the risks from hazards are controlled. The control measures which are in place at all sites operated by JET NETWORK SOLUTIONS S LTD will be monitored by qualified supervisors and managers.
Site inductions and tool box talks on specific activities and processes will be provided by the JET NETWORK SOLUTIONS S LTD supervisor on site.

Assessors Signature: S.Wynn

Review Date Assessment:

Risk Rating Scale

Likelihood x Severity = Risk

Likelihood of an Incident(L)	Potential the Severity of an Incident (S)	Residual Risk Rating (R)
1 = Very Unlikely 2 = Unlikely 3 = Possible 4 = Likely 5 = Highly Likely	1 = Minor cuts or abrasions 2 = Minor injury requiring medical treatment 3 = Injury requiring time off work or hospitalization 4 = Major injury resulting in permanent injury or loss of limb/sight 5 = Fatal injury or permanent/total disablement	1 – 5 = LOW 6 – 10 = MEDIUM 11- 25 = HIGH

The details of this risk assessment must be explained to everyone working on site before work commences and a record kept of those receiving the briefing -TEAM TALK!

JET NETWORK SOLUTIONS S LTD SITE SPECIFIC RISK ASSESSMENT

Site address / Location:	Work Activity Assessed: New Build Site – Civil Works	Assessor:	Date:
Clients Name:	Project Name	Cell Number:	No. of pages:

Persons at Risk: All JET NETWORK SOLUTIONS S LTD operatives on site, contractors, and visitors.						
Hazards Identified	Risks Identified	Risk Rating			Control Measures	Residual Risk
		L	S	R		