The Coal Authority

Small Works Pre-Construction Information

The Coal Authority

P-024508 – [redacted]

[redacted]

Viewforth Terrace
Sunderland
Tyne and Wear

Co-ordinates 439042mE 559489mN

The following document and associated attachments draws together the arrangements for managing the significant health and safety risks associated with the pre-construction phase of a project to enable a suitable and sufficient construction phase plan to be completed.

Description of the Project	
1. Project description including PS&S INFERIS Reference Number and programme including any key dates	• The works comprises of investigations and remediation of potential fissures in the existing Limestone Rock. • Investigations are to be carried out using a 13 tonne backactor and are to be carried out in the presence of the Coal Authority's Regional Project Manager. • Works will involve taking down two sections of 1.5m high palisade fencing, then demolition of a 1.8m wide x 3.8m long x 2.5m high (ridge height) aluminium framed greenhouse. • Strip localised area of topsoil and store for re-use. • Carry out excavations sufficient to open out the features. • The works on features 1 are located within a reasonable level allotment. • In the event that the liability for the ground collapse is shown to lie with a third party, the Regional Engineer may direct that the site be handed over to the responsible party and the requirement for any further works may be terminated. • In the event that the feature interferes with any drainage, repairs and/or fill shall comply with the Specification. Where such works are required, the statutory undertaker shall be consulted and approval gained prior to the carrying out of repairs or reinstating fill in such circumstances. • The features shall be treated as per the Engineer's instructions. Such instructions may include the construction of a 300mm deep doubly reinforce, using A393 mesh, concrete slab sited on the Limestone rock and Visqueen, infilling exposed workings with a combination of imported and site won fill that is to be placed and compacted and/or the placement of mass concrete may be specified. • A 0.15m deep x 3.5m wide x 6.0m long greenhouse concrete foundation slab, reinforced with 2 layers of A252 mesh, is to be cast on 150mm layer of compacted Type F1 stone. • A new aluminum frame greenhouse with similar dimensions to the existing greenhouse is to be purchased and erected on the slab.

	• Flagged paving is to be used to form footpaths to match existing. • Re-erection of the palisade fencing will then be required. • Reinstate site to the satisfaction of the Regional Project Manager. • The Authority's Project Manager may instruct additional works as may be determined on site. • Provide a copy of all site records to the Project Manager as required in the contract. • The works are programmed to commence at a date to be agreed between Mike Ohlson and Balfour Beatty and are envisaged to be of approximately 5 days in duration.
2. Details of Client, Principal Designer, Designers, Principal Contractor and other Consultants including contact number(s)	• Client = The Coal Authority (TCA) - 01623 637000 • Principal Designer = [redacted] (TCA) – [redacted] • Designer = [redacted] – [redacted] • Principal Contractor = Balfour Beatty - [redacted]
3. Extent and location of existing records and plans that are relevant to health and safety on site, including information about existing structures when appropriate	• It is recommended the Principal Contractor visits the site to satisfy themselves as to the nature and use of the immediate environment. • Details of existing service routes will be provided by TCA.
Client's Considerations and Management Requirements (Delete/add to as appropriate)	
4. Planning for and managing the construction work, including any health and safety goals for the project	• Zero accidents • SHE observations • Near misses • Ensuring sub-contractors and others have the necessary health and safety information, instruction, supervision and competence • Ensure that all workers receive a project specific induction prior to starting work • Visitors are escorted while on site
5. Communication and liaison between client and others	• Pre-start meeting • Progress Meeting(s)
6. Security of the site	• HERAS fencing x2 clipped/locked gates
7. Welfare provision	• Permanent site facilities
8. Site transport arrangements or vehicle movement restrictions, boundaries and access, including temporary access - for example narrow streets,	• Traffic management plan • 'Banks man' to supervise vehicle movement • 'Stop blocks/edge protection

lack of parking, turning or storage space	• Segregate pedestrians form plant/vehicles • Access to the area of working is via Access is via Thompson road (B1291), then along View forth Drive, then along Viewforth Terrace, then 100m along a sloping stone track, then through a 1.2m wide palisade gate, then 5m across a flat piece of ground currently used as an allotment. • The stone track is the main access to all of the existing allotments and pigeon lofts so must remain clear at all times.
9. Fire/explosion precautions	• Fire Plan to include muster point • Fire marshal • Shouting “FIRE/FIRE/FIRE”
10. First aid/emergency procedures and means of escape	• Hospital Route and contact details • First aider • First aid equipment/eye wash
11. “No-go' areas or other authorisation requirements for those involved in the project	• Exclusion zone around excavations • Permits to work
12. Smoking restrictions	• No smoking site including work vehicles • No smoking signage • Designated smoking area • Smoking bins (sand buckets)
Environmental Restrictions and Existing on-site Risks (Delete/add to as appropriate)	
13. Any restrictions on working hours or deliveries or school hours	• All delivery times and location of stored materials to be agreed with the land owner (Sunderland City Council), or the allotment secretary [redacted] (mob. no. [redacted]), or the plot user [redacted] Mobile no [redacted] prior to commencement of work.
14. Adjacent land uses - for example schools, railway lines or busy roads,	• The allotments are within a housing estate. • The feature is on a fairly flat section of land surrounded by other plots of land used as allotments. A 5 foot high palisade fence is along the northern eastern and southern boundaries. A 6ft close boarded timber fence is along the western elevation, which doubles up as the garden boundary fence to the properties along this elevation. Access to the allotments is via individually pad locked 1.2m wide palisade gates. Access to the gates is via a stone track, which is in good condition. • The surrounding land to the east, north and south is used for allotments. The land to the west is a street of semi-detached domestic properties separated from the allotments by close boarded timber frame fencing.
15. Existing storage/structures with	• N/A

hazardous materials	
16. Location of existing services particularly those that are concealed - water, electricity, gas etc.	• Cornerstone service drawings to be provided by The Coal Authority • CAT scanning • Trial holes/hand digging • Goalposts and barriers • Permits to work (permit to dig)
17. Ground conditions, underground structures, adits, shafts or water courses where this might affect the safe use of plant, for example cranes or the safety of ground works	• No recorded mine entries are present in this area.
18. Work on excavations	• Edge protection • Signage “Deep Excavation” • Written daily inspections reports of excavations.
19. Mine gas/heating/spontaneous combustion	• Personnel gas alarm to be on site at all times.
20. Mine entry	• N/A
21. Information about existing structures/structural modifications including weakening or strengthening - stability, structural form, fragile or hazardous materials, anchorage points for fall arrest systems (particularly where demolition/shaft exclusion zones are involved)	• The existing aluminium frame greenhouse has suffered some movement resulting in deflection of the aluminium frame, which has resulted in compressive and tensile forces on the existing glass. Some of the glass panels have already broken and fallen to the ground others have been dislodged out of the frame some glass remains in place but could fall at any time. The demolition of the existing greenhouse will need to be carried out using the back actor from a safe distance. • The greenhouse contains some shelving
22. Work at height including work on/near to fragile surfaces	• Working at height adjacent to excavations will be applicable.
23. Any difficulties relating to plant and equipment in the premises, such as Drilling/lifting operations access from third parties	• The allotment is reasonable flat but will be boggy in wet conditions. • A 5.8m long x 2.0m wide x 0.2m deep (maximum) depression is present in the vicinity of the green house.
24. Confined spaces (culverts etc.)	• N/A
25. Health and safety information contained in earlier design, construction or 'as-built' drawings, such as details of pre-stressed or post-tensioned structures	• N/A
26. Work on or near water where there is a risk of drowning	• N/A
27. Asbestos, including results of surveys (particularly where demolition is involved)	• N/A

28. Pollution/contamination of soils, sewers, drains and water courses	• N/A
29. Nuisance from dusts/odours/smoke/noise/vibration	• Working hours restricted to daylight hours (Mon-Fri only)
30. Noise and vibration	• Normal for this type of work. The site is in a remote location.
31. Manual handling	• Mechanise lifting/handling • Trained and competent persons • Reduce loads to be handled • PPE – safety gloves and boots
32. Contaminated land, including results of surveys	• Hygiene control
33. Waste handling (storage and removal)	• The demolished greenhouse and contents will have to be removed off site. • It is anticipated all other materials excavated on site will be reused as part of the reinstatement works to the existing fissures.
34. Health risks arising from client/stakeholder activities for example cross contamination	• N/A
Significant Design and Construction Hazards	
35. Significant design assumptions and suggested work methods, sequences or other control measures	• The Designer(s) have identified that the construction works represent the type of risks which a competent contractor experienced in this type of works would reasonably expect to encounter during the works. • The Principal Contractor/Contractor shall provide a CPP incorporating risk assessments and method statements detailing how they will plan, organise, implement, monitor and review the health and safety risks identified throughout the duration of the works.
36. Arrangements for co-ordination of ongoing design work and handling design changes	• The Client/Designer shall submit to the Principal Contractor during the project execution, any major changes to the design requirements made during the construction phase. • These should be submitted in sufficient time to allow the health and safety implications and the effect on resources to be considered prior to commencement of the work.
37. Information on significant risks identified during design	The Principal Contractor must detail within their risk assessments, method statements and safe systems of work detailed arrangements for the suitable control of any significant risk. Significant risks for this project include, but are not limited to:

	• Anti-social behaviour, theft and unauthorised access may also be a significant risk • Excavation/temporary works around fissures. • Full consideration of LOLER when delivering and removing cabins from site • Potential collapse of the ground adjacent to the excavations in the vicinity of the fissures. • Provide a safe system of work for working around the fissures to ensure protection of all operatives/pedestrians • Traffic Management, plant movements, a trained banks man must be in place at all times. • The access track to the East of this plot is regularly used by other allotment and pigeon loft users. The access track is also a public footpath. • Work at height, edge protection will be required and other suitable control measures where there are any potential falls e.g. open excavations.
38. Materials requiring particular precautions	• Any concrete works will require control measures in order to prevent, inhalation, burns and skin disorders.
The Health and Safety File	
39. Description of the file's format and any conditions relating to its content	**NB: A health and safety file is only required for projects involving more than one contractor.** The following information will be included in the Health and Safety File: • a brief description of the work carried out • any hazards that have not been eliminated through the design and construction processes, and how they have been addressed (e.g. surveys or other information concerning asbestos or contaminated land)

Additional Comments

Are there any other health, safety and welfare or environmental hazards not mentioned above that are required to be brought to the attention of the Principal Contractor/Contractor? If YES, please provide details below and continue overleaf if necessary.

Hazards	Comments	Additional Control Measures Required

NB: Upon completion of this pre-construction information a copy must be supplied to the Principal Contractor/Contractor for to enable the Construction Phase Plan to be completed. A record of the Principal Contractor/Contractor's receipt of the form shall be maintained within Inferis.

TCA Representative Name (Print)	Position	Date	Signature
[redacted]	Regional Project Manager	01/03/2016	[redacted]

NB: The overall choice of risk control measures is the responsibility of the Principal Contractor/Contractor. The Coal Authority requires the Principal Contractor/Contractor to implement the hazard control measures for those areas identified in this Pre-construction Information within the Construction Phase Plan and subsequent Risk Assessments/Method Statements.

Contractor Representative Name (Print)	Date	Position	Signature

I accept this Pre-construction Information and agree to implement the appropriate control measures within the Construction Phase Plan and subsequent Risk Assessments/Method Statements.