

# Construction Method Statement And Environmental Protection Statement



All work to be carried out as the agreed strategy listed below. Primary consideration whilst drafting this statement has been Health and Safety and the safety to the public and the workforce

### Foreword.

1). The proposed development is to comprise the construction of Residential dwellings with associated access road, car parking and areas of public open space at Glyndulais old people homes Mary Street Crynant Neath

### Site Working Hours

The site working hours for the week are 08:00 am to 4.30 pm Monday to Friday. Saturdays is 08:00am – 1.00pm. No construction activity or any delivery related to implementation of the development hereby shall take place outside of the hours above and at any time on a Sunday or a public holiday.

### Principle Contractor Details

CRYNANT PLANT & CONSTRUCTION LTD  
MILLANDS ROAD IND EST, NEATH, SA11 1NJ  
OFFICE:01639 750760 MOBILE:07980 758131 EMAIL: [moe@crynantplant.co.uk](mailto:moe@crynantplant.co.uk)  
WEBSITE: [www.crynantplant.co.uk](http://www.crynantplant.co.uk)

### Approach Road to site

### Consideration to other Road Users

- Signage erected to warn approaching vehicles of moving plant and speed restrictions
- Speed restriction on site traffic coming through the estate relay information to all sub-contractors and delivery vehicles
- Minimise any obstructions on the public highway by maintaining a clear access to the site.
- Keeping the road clean and well maintained and free from debris
- Erect signs along Golwg-Y-Craig and Mary Street depicting speed limit and site access area (as shown in attached layout).
- Minimise speed limits to lower the risk of dust
- Interface with local resident on entrance to site

### Concrete

Concrete is highly alkaline and corrosive and can have a serious impact on watercourses. It is essential to take particular care with all works involving concrete and cement. Suitable provision is to be made for the washing out of concrete mixing plant or ready mix concrete lorries so that washings do not flow into any drain or watercourse or seep underground. In the event of a spillage on site, the material must be contained (using an absorbent material such as sand or soil or commercially available booms).

All spillages are to be reported to the PC who will inform Client and the Environment Agency In the event of a significant occurrence.

#### The parking of vehicles of site operatives and visitors – adjacent site compound

- The parking of site vehicles will be in a prepared car park with access from main entrance as site layout
- These vehicles will use the car park with consideration to residents.
- The car park will be locked outside of working hours.
- The car park will be regularly maintained to ensure it is kept clean and tidy and that no mud or rubbish carries onto the local highway.

•

#### Loading and unloading of Plant and Machinery

- All loading and off loading of plant and machinery will take place within the site boundaries within to the site compound.
- Access to the site will be through the entrance off Golwg-Y-Craig as shown in attached layout and deliveries will be between 08.00 – 16.00 hrs.
- All vehicles will be banked into the site using an competent banks man.

#### Storage of Plant and Materials used in constructing the development

- Outside working hours and when not in use the vehicles will be stored within to the site compound. As per site plan below.
- All Plant and machinery will be fitted with anti-vandal shutters
- No Keys will be left in any machinery during out of hours
- A compound will be set up for the storage of materials which are to be used in constructing the Development.
- Fueling of all vehicles will take place next to the bunded fuel tank where spill kits will be stored in case required. Additional spill kits will be kept in the site stores.

#### Site accommodation and compound



### The erection and maintenance of Security hoardings

- A security fence will be erected around the site compound. This will comprise of close boarded fencing with galvanised access and personnel gates.
- The perimeter of the site will be enclosed with timber hoarding panels with access gates to the front of the site. The visitor's car park will be enclosed with Heras fencing with galvanised gates to the car park entrance.
- Display boards showing architect impressions will be erected near the site
- Considerate Constructor notices will be displayed with contact details of the site management team attached.

### Wheel washing Facilities and Surface Water run off

Although the volume of traffic from the site will be considerably lower than normal due to the re-use of topsoil and subsoil on site and with a standard number of deliveries along with the existing spine tarmac access road it will be necessary to establish and maintain a wheel washing facility on site to prevent mud or dust from carrying out onto the road. This will be continually monitored throughout the contract period.

- Wheel Wash Facility
  - Temporary linear aco drainage (or similar) to be installed running into a sump.
  - Waste to be pumped out using road sweeper.
- A road sweeper will be brought in when necessary to ensure the roads are kept clean and tidy.
- Gully covers will be covered with Terram to prevent them from becoming blocked from dirt and mud build up.
- Care will be taken during winter months to ensure water does not run onto the road where it may freeze causing a hazard
- The entrance to the site will be swept and washed regularly and whenever a build up of excess debris/muck/clay occurs.
- Regular inspections of manholes and local water courses will be carried out to monitor and prevent any interference from site activities.



### The Emission of Dust

- As part of the environmental Risk Assessment the requirement for wetting down road surfaces and water suppression during construction activities such as the use of disk cutters and soil storage, vehicles leaving site will be covered and soil will be wetted down during high wind weather,
- Speed limit to be 10mph to minimise dust by vehicles
- Daily inspections will be undertaken by the site manager who will ensure such requirements are identified and that the appropriate actions are taken.
- Site vehicles will be regularly checked and monitored for cleanliness to prevent dirt carrying out on residential roads and to present a good image.
- Wheel wash facilities to be installed close to entrance
- All Plant vehicles will be maintained and in good working order,
- Block splitters will be used on site rather than hand held disc cutter,
- Dust extraction equipment will be used on all hand-held power tools regarding cutting/planeing and drilling,
- All waste skips will be covered over to prevent dust
- Stockpiles will be kept to a minimum on site and compacted
- Deliveries will be controlled to prevent queuing and will minimise fumes,
- All engines will be switched off during non-operations

### Storage of Soil on Site

It will be necessary to store topsoil on site which has been striped for the construction process to continue. This material will be carefully stored on site with bunds sealed to avoid water saturation and silt build up. Shallow drainage trenches will be excavated around the bunds to contain water discharged during wet periods.

Where there it is likely that silt may discharge off the site silt fencing will be erected to contain any discharge.

To dampen down soil during dry weather,

Stockpile will be kept to a minimum,

Minimise the grade of the stockpile

During dry periods, it may become necessary to dampen or cover the stored soil to prevent dust from becoming a nuisance.

### Waste Recycling during Construction Period

- The site will be monitored using our in-house waste management system and as such all waste will be recorded
- Waste material will be segregated and stored in separate skips.

- The Skips will be supplied and changed by Crynant Plant Ltd who will then send the waste for recycling and report back as to the percentage of material recycled.
- To minimise the creation of waste wherever possible;
- To remove rubbish, debris, surplus material and spoil regularly and keep the site clean and tidy
- To ensure that waste disposal is managed in a controlled way
- To ensure that surplus material is minimised, and any non- usable surplus is recycled;
- To provide all necessary waste transfer documentation
- **MONITORING**
- The skips will need to be monitored to ensure that contamination of segregated skips does not occur. Therefore, we will advise regularly on how the waste management system is working.
- We will continually review the type of surplus materials being produced and

| <b>Enabling Works (including Demolition)</b> |                         |
|----------------------------------------------|-------------------------|
| Concrete                                     | Re-use on Site          |
| Tarmac                                       | Re-use on site/Dry      |
| Bricks/Blocks                                | Re-use on Site          |
| Timber                                       | Re -cycle               |
| Subsoils                                     | Re-use on site/Recycle  |
| Metals                                       | Scrap value             |
| Asbestos                                     | No usage/Landfill       |
| Plasterboard                                 | Return/Recycle/Landfill |
| <b>Construction Works</b>                    |                         |
| Plasterboard                                 | Return/Recycle          |
| Brick/Blocks                                 | Recycle                 |
| Timber                                       | Recycle                 |
| Cardboard                                    | Recycle                 |
| Mortar                                       | No usage/Dry to skip    |
| Metals                                       | Recycle                 |
| Paints                                       | Recycle                 |
| Soils                                        | Use/Sell                |

where we can change the site set up to maximise on re-use or recycling and the use of landfill will be the last resort.

- The plan will be communicated to the whole project team regularly. Updates will be communicated and discussed at Safety Meetings

## Noise

We propose to carry out noise logging to produce accurate data and give us a much clearer picture of noise patterns and how they can be controlled to minimise their impact on the Site, this also allows us to confirm the noise level at the time of any alleged noise incident,

The escalation procedure proposed is: -

In the case of a noise complaint, the first contact should be directed to the responsible manager or in the case of a weekend, the weekend manager. [Contact details will be distributed separately]. They will immediately check site activities, intervening where necessary.

## Noise management procedure

**BS 5228-1:2009+A1:2014**

It is noted that main periods of concern are as follows:

Quiet periods as noted in the Project Agreement

Noise before 0800 on Weekdays

Noise after 16.30 on Weekdays



The operation of plant and the acceptance of deliveries will be permitted only within normal site operating hours. We may park up deliveries that arrive early on site.

Management staff will patrol the interface zone during quiet times

The workforce will be thoroughly briefed

Briefings before 0745 to allow 0800 starts but not before

Regular spot checks to be carried out

Identification of noisy works at planning stage

Policing the control zone at sensitive times

- 1-Crushing Plant will be stored away from receptors at furthestmost distance from residential area,
- 2-Enclosed chutes will be used during soft strip of demolition,
- 3-There will be no use of compressed air powered drills on site,
- 4-Engine will be switched off during loading/unloading and vehicles waiting deliveries.
- 5-Noise Reduction of Stationary Plant and Tools Possible noise reduction measures for compressors or generators are as follows:
  - 6-Use of electric powered compressors as opposed to diesel or petrol;
  - 7-Sound reduced compressor or generator can be used to supply several pieces of plant;
  - 8-Use of centralized generator system;
  - 9-Efficient sound reduction equipment should be fitted to engines;
  - 10-Metal casings should be acoustically dampened;
  - 11-Manufacturers' enclosure panels should be kept closed;
  - 12-Erection of an acoustic screen between the compressor or generator and noise sensitive locations;
  - 13-Enclosure of compressor or generator in a ventilated acoustic enclosure.

- 1-Use of hydraulic or electric tools where possible;**
- 2-Use of alternative quieter equipment for concrete breaking/cutting;**
- 3-Fitting suitably designed sound reduction equipment to reduce noise without impairing efficiency;**
- 4-Use of damped tool piece or saw blade;**
- 5-Enclose in a suitably designed portable or fixed acoustic enclosure with suitable ventilation (with due regard to the health and safety of operatives).**

Highway station

Highway and public parking

Red power distribution

TYPE B 3 BED HOME BLDG (10' 2 spaces)

TYPE C 3 BED DCL (60.00 sq ft 2 spaces)

TYPE A 4 BED DET (127.00 sq ft 3 spaces)

1:500 @ A3

T2229 - PA - 03C

## **5.8 Nature Conservation**

**Bird Nesting season is from 1st March until 31st July**

**1-Vegetation or site clearance should be done outside of the nesting season (1st March – 31st July inclusive), although the nesting period may start before this and extend beyond it, in many cases this is to avoid impact to nesting birds and infringement of the Wildlife and Countryside Act 1981.**

**2- If clearance work must be undertaken during the nesting season a visual inspection is needed, generally, it should be assumed that birds will be nesting in trees, scrub, reeds or substantial ditch side vegetation during the core breeding period, unless a survey had shown this not to be the case. In addition, some species are ground nesting, such as the skylark and lapwing, both of which can occur on grassland areas and cleared sites where there is a time lapse between demolition and development.**

**3-Any active nests identified should be protected until the young have fledged. Where a Schedule 1(3) species is involved, mitigation for impacts, e.g. loss of nesting site, should be devised and implemented.**

**4-Particular attention should be paid to any site clearance/development work affecting buildings, as this is where swifts, swallows, house martins and barn owls preferentially choose to nest.**

**5-Any removal of vegetation will be carried out prior to nesting season and a visual inspection carried out,**

**6-If areas are found to have nesting birds it will be segregated, and work will stop to avoid any disturbances within that area until further notice,**

**7-Install bird netting, ledge bristles etc on buildings structures to remove opportunities to nesting sites**

### **Erection of Temporary/ semi Temporary Site signage and Site Hoarding**



- Signs will be displayed around the site and policed to control site traffic and maintain a site speed limit of 5MPH.
- Direction signage will be erected to guide delivery drivers and visitors to the site entrance off Mary Street
- Viewing points to be installed on site hoarding and fencing at the SM discretion
- Welfare signs for first aid post and assembly area will be visible on site
- Site Contact Telephone numbers will be installed on site notice boards,
- Entrance gates will be locked at all times

### **Communication with Residents and Emergency Services**

- The Site Management team are to visit the residents to discuss general safety issues with the Residents and offer support regarding a Talk on general Site Safety and Awareness.
- A regular meeting will be held with a representative of the residents to ensure ongoing good relationships and standards of Safety.
- Contact details of the Site Team will be given to the residents in case of emergency
- Where the Site needs to deviate from working practices which could influence the Residents discussions will be held to minimise disruption.
- The Site Manager will contact the Emergency Services and suggest a Site Familiarisation visit to ensure that there would be no problems with access should an emergency occur.

It is of utmost importance that the Residents located on either side of the main access road are protected from the construction works and associated site traffic for the duration of the project.

### **LIASON BETWEEN PARTIES**

#### **Liaison with Parties Involved in the Project**

Staff members of Crynant Plant Ltd and all contractors are required to co-operate fully with other parties involved in the projects for issues that affect health and safety arrangements on the project.

Regular project progress meetings will be held with the Client, Designers and other parties involved in the project to ensure liaison between the parties involved in the project. Meeting minutes and any other relevant information will be circulated to the relevant parties involved in the project.

Liaison with Parties Outside the Project Crynant Plant Ltd will ensure that regular liaison is carried out between the site and residents and local businesses.

### **H&S INFORMATION FOR (SUB-) CONTRACTORS**

Sub-contractors have been issued with relevant health and safety information during the tender process to allow them to resource and plan their works accordingly.

The Health and Safety Conditions for Sub-contractors have been issued to every sub-contractor and is applicable to this project.

Every sub-contractor will attend a pre-start meeting at which the sub-contractor Quality and Safety Summary is completed to identify duty holders, allocate responsibilities, record common facilities and identify high risk activities and associated controls.

Everyone prior to starting work on site will receive Induction Training at which time all appropriate health and safety information will be given.

In addition to the daily management and monitoring of site activities there will be specific Progress Meetings where health and safety will be discussed, Health and Safety Meetings where Sub-contractors and the workforce will be consulted and there will also be briefings for all personnel engaged in high risk activities.

#### Entrance to existing property

All deliveries will be on rigid loads preferably or on larger articulated loads only with prior agreement of the Site Manager, as shorter vehicles are unlikely to cause disruption or damage to the highway. Signage will be erected to assist delivery drivers as well as sending directions to the site when placing orders. All deliveries are to be unloaded within the safety of the site boundaries. Delivery times to be between 9.00am and 3.30pm unless with prior agreement of the Site Manager.

The position of the site compound and car park will be located as shown on the attached site plan.

**Emergency services will be contacted to advise them of access arrangements.**

**Police, Ambulance, and Fire Brigade services are to be notified prior to commencement of works on site. All services will be invited for a prestart familiarisation visit.**

| Names / organisations       | Responsibility                | Contact number         |
|-----------------------------|-------------------------------|------------------------|
| Emergency services          | Fire and Accident Assistance  | 999                    |
| Natural Resources Wales     | Pollution Incidents           | 0800 807060            |
| Virgin Media damage hotline | Cable damage                  | 0870 8883113, Option 1 |
| Wales & West                | Gas release incident          | 0800 111999            |
| Electricity Supplier        | Cable strike/OH line incident | 0800 6783 105          |
| Water company               | Service strike                | 0800 052 0130          |
| HSE                         | Major Incidents               | 0345 300 9923          |

**HOSPITAL**

**Neath/Port Talbot**  
**Baglan Way**  
**Port Talbot**  
**SA12 7BX**  
**01639862000**

**FIRE SERVICES**

**Rear of Commercial St**  
**Port Talbot**  
**SA13 1LG**  
**01639883332**

**POLICE**

**Gnoll Park Road**  
**Neath**  
**SA11 3BW**  
**01639635321**

### Site Inductions and Toolbox Talks

All site operatives and visitors will be inducted when first attending site. The site induction will include slides on how to minimise environmental impact on the surrounding area and what procedures to take in the case of an emergency. Signs will be erected on the site notice boards instructing workers to notify the site manager if any pollution situation arises or call the **Pollution Line on 0800 807060**.

### Access & Egress

Access to the site will be from Mary street turning onto Golwg-Y-Craig and using the site Entrance. If the vehicle needs to reverse into the site entrance off Golwg-Y-Craig a banksman must be present. These paths are highlighted on attached layout. Vehicles will leave the site onto Golwg-Y-Craig and turn right onto Mary Street, leading onto A4109.

Name: M.Ashour

Signed:







