ADUR & WORTHING
PLANNING SERVICES
PLAN | AWDM/ 0207/15
DATE VALID | RECD: 25 NOV 2015

Construction Design & Management

New Build, 28 Grover Avenue, Lancing Sussex BN15 9RG

Construction phase safety plan

The Works

The works consist;
Excavation and concrete of new footings and oversite as plan.
Construction of cavity work to form new structure.
Installation of new roof structure, internal walls and floors.
Internal electrics, plumbing and plastering.
Installation of new heating system, kitchen and bathroom.
Installation of new Double glazing.
Internal decorations.
Connection of all new services.
New driveway finish and boundary fencing.

General Risks

It has been established by the health and safety executive that those who spend their time working on construction sited and associated building works have the chance of being disabled by injury or a 1 to 300 chances of being killed. Last year over 77 people were killed in the industry & latest indications are that this year it could rise.
Accidents generally result from a combination of circumstances; some are related to design & unnecessary risks being taken during the works.

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The construction design & management regulations (CDM) will apply to this contract. We as the principal contractor will comply with the regulations which came into force on the 6th April 2007 together with all the other health & safety legislation currently in force.

The contractor named as **R.J.Steele Building Contractors, 47 Mill Road, Lancing Sussex BN15 0PZ Tel: 01903 753698** are to undertake the works & are appointed as the **Principal Contractor** within the meaning of the CDM regulations and we will carry out the role stipulated in the legislation in all respects. **Contact person Mr Robert Steele**

designer is **Julian Dilkes**

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The CDM Co-ordination is **R.J Steele.**
Client **is Mr & Mrs K Minter**
The purpose of this plan is to improve the quality of the workplace for the operatives & to ensure that members of the public & neighbours are inconvenienced as little as possible & are not endangered by the works and to ensure that the details of these works are recorded for future safe maintenance.

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Asbestos – the asbestos register will be checked by the Engineer & if one is not in existence a type 3 survey will be arranged by us as the principal

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SITE CONTROL ACCESS

The access will be via the existing South entrance Driveway behind erected Herras screens. (Key held by Foreman at 17 Grover Avenue ADJACENT) Care will be taken to ensure we do not block off access when required for pedestrian access for client at No 28 and to liase with Mr Minter at all times. See enclosed sketch for hoarding and screen details etc.

The nature of the contract being adjacent to a public footpath represents a risk to members of the public.

It will be required that the construction works be segregated from the members of the public [see enclosed sketch] and attention paid to vehicle movement by way of deliveries and movement of materials and rubbish from & to the adjacent road and pavement area.

DELIVERIES

To wherever possible enforce traffic management system & times of deliveries to avoid weekend deliveries.

All deliveries will be via the driveway entrance to No 28 & deliveries will be overseen by an experienced banksman.

PUBLIC PROTECTION

Site security arrangements outlined above are established primarily to ensure the safety of the operatives & public. The major constraint upon the works is that of continuous traffic of the public passing immediately adjacent to the site.

Safe access past the works will be maintained at all times.

Adequate & proper safe signing will be provided to pedestrian routes & any diversion of traffic that may be required when materials are being delivered.

The programme of works will identify with appropriate timings and agreed dimensions, the limit of the works area and the extent of the space taken up temporarily for free pedestrian access. This area will be demonstrated within the sequence of the programme and diagrammatically on corresponding site plans/sketches as necessary.

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NOISE IMPACT – Works will be carried out in a manner to minimise noise impact. Works will have regard to the recommendation BS 6228 [Noise control on construction & open sites] the noise abatement act [1960] and amendments thereto & the department of the environmental advisory leaflet #2 `NOISE CONTROL ON BUILDING SITES`

All vehicles & mechanical plant will be fitted with effective exhaust silencers & will be maintained in a good & efficient working order. When machines are not being used they will be turned off.

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WELFARE FACILITIES – PPE etc

The expression welfare arrangements encompasses on site storage/accommodation units, first aid arrangements and personal protective equipment.

WC/washing, facilities to be provided by the church in the adjoining hall. Main drinking water will be supplied. The facilities will be cleaned on a daily basis. Such facilities are provided in pursuance of statutory requirements and shall not be miss used or abused in any way; all personnel shall be made aware of the facilities for the basic maintenance of hygiene to be maintained.

Safety helmets will be worn at all times as appropriate.

Hi vis vests

Appropriate eye protection to be worn where an assessment determines that there is a foreseeable risk to injury to the eyes

Hearing defenders – plugs at level 1 and muffs at level 2 to be worn

Protective footwear – rigger type safety shoes boots to be worn

Gloves – hand protection and cleaning agent shall be provided and issued according to the task being carried out

Respirators – at contract stage the need was not applicable.

Overalls – overalls shall be selected and issued according to the task carried out, disposable and flame retardant types shall also be available on site.

Personal protective equipment shall be selected to the appropriate BS or EN standards and shall be stored in a clean room. Personnel issued with items of PPE shall be instructed as to the purpose, limitations and correct use of the items. A record shall be maintained detailing a schedule of PPE issued to personnel working under the control of the P.contractor

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- **STORAGE**

All personal tools will be removed daily.. No glue etc will be left unattended; this is to stop children using the glue for sniffing. Especially no white spirts/turps will be left lying around.

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- **ACCIDENTS**

See section headed accident reporting/first aid, ; land line or working mobile `phone to be available at all times for emergency use.

COSHH

The following hazardous substances will be utilized in the construction {this is not an exhaustive list}

Cement, wood dust, spirit, adhesives, plaster, timber treatment see also ICI COSHH sheets enclosed.

Before work commences we as the principal contractor will assess the likely use of substances & processes deemed to be hazardous to health; if appropriate arrangements will be made for a less hazardous material to be specified.

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TOOL BOX TALKS

Our site foreman/manager will meet and explain the safe working practices outlined in this CDM plan to the directly employed workforce and all other contractors working on the site. These meetings will be recorded

RISK ASSESSMENT/METHOD STATEMENTS

- The site will be void for the duration of the works eliminating the risk of working around occupiers
- A visual test to be undertaken to confirm no services or hazards present within the area of the works.

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- Scaffolding; the tin hat will be designed & enclosed is the risk assessment/method statement from global scaffolding [Sussex] Ltd.

- No part of the scaffolding will be on the public highway

- **A safe working certificate is to be issued before any works are allowed from the scaffolding.**

The scaffold will be inspected weekly and the scaffold register kept up to date.

All temporary scaffolding, bandstands, platforms are to be inspected by a qualified person before works are allowed from them.

- As the Pr contractor we will ensure that the design implementation is adequate
- Training & competence of the scaffolding erectors to be established
- The risk of impact by vehicle & plant [not envisaged on this contract]
- The frequency & thoroughness of scaffold inspection arrangements {to be inspected after any adaption/weekly}
- **All ladders from GF to first floor lift are to be taken away each evening and when the scaffolding is not in use.**

See also HSE information sheet 49 {revision}

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- **Electrocution – H – L**

We will ensure that the electricity is switched off when works of stripping out are taking place.

Circuit breaker to be plugged into power supply outlet.

All temporary electrics will be 110v & installed by a registered electrician.

All new permanent electrics will be carried out by a competent electrician & a NICEIC certificate issued at completion

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- **Trip hazards risk H – L** – we realise that this causes many injuries & we will operate a clean site and remove debris on a daily basis. Loading platforms will also be installed on the scaffolding to keep access clear

Disposal of debris.

All debris to be removed to on site skip.
Place all debris, including dust masks and filters, in plastic bags and seal them with tape householders should dispose of the waste in accordance with the environmental protection {Duty of care} regulations 1992. Lead-containing paint wastes do not fall within the definition of special wastes, but the environment agency/Scottish environmental protection agency may classify them as such. Professional painters are advised to check with their local waste regulator on appropriate disposal routes clean up all debris frequently, as well as at the end of each day. Remove all debris from the work area before redecorating.

DO NOT burn or incinerate lead-containing wastes.

Personal cleanliness

All people involved in the work should shower after the work has finished smoking, eating and drinking should be strictly prohibited in the work area all clothing and overalls, gloves etc should be washed separately from general household washing.

NOTE As the principal contractor we realise that we have a duty at assist with the formulation of the CDM file.

An outline of the information is:- {This is not an exhaustive list}

As built specification, **suggested completed with the assistance of the CDM Co-ordinator.**

NICEIC certificates

The location of any potentially noxious materials

This plan has been prepared using the contract administrator specification of works and from a site visit by us as the principal contractor & CDM Co-ordinator/designer.

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Dust and rubbish control on site.

All dust will be kept to a minimum by the addition of hose attachments fitted to disc cutting equipment (Water suppression) where brickwork or concrete are to be diamond cut using existing water supply provided by client.

Dust extraction to be fitted to power tools where possible.

All site rubbish will be directed to skip via rubbish chute attached to scaffolding to minimise dust and netting at base to contain debris.

All skips will be sited behind safety Herras fencing at front of site and covered with protective netting to minimise dust.

Contents of skip will be hosed down periodically to minimise dust.

All site rubbish over the duration of the works will be removed via skips delivered to site.

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