

Provide 80x80x6.3SHS with an 8mm

plate bolted through 20mm non-

shrinkable structural grout with 4no

fillet welded 300x300x10mm thick base

grade 8.8 M16 threaded rods resin fixed

with RAWL R-KEM II or similar approved.

All blockwork to be min. 7N dense concrete block, in mortar designation (iii/M4). Below ground mortar to be designation (ii/M6).

Wall ties to be provided in accordance with BS EN 845-1:2013 at max. 900mm horizontal and 450mm vertical centres, staggered in alternative rows. Additional ties are to be provided around all openings

type 2 stainless steel or non-ferrous in areas of severe exposure. All openings in blockwork to receive bedjoint reinforcement 2no. courses above & below and extend 500mm past each side of opening.

at 225mm vertical centres and 150mm max from opening. Ties to be

All new masonry to be mechanically tied into existing with stainless

steel Furfix starter ties or similar approved. Ties fitted at 450mm vertical ctrs in accordance with Manufacturers specification. No masonry construction shall be conducted while the temperature is

below 4° C on a rising thermometer or 5°C on a falling thermometer. Lateral restraint straps are required at floor, ceiling joist, rafter or flat roof joist levels in accordance with the provisions in BS EN 1996-2:2006 and Building Regulation requirements at a maximum spacing of 2m.

This drawing is to be read in conjunction with all other relevant Architects, Engineers & Specialist drawings, details and the relevant Health and Safety Plan (as appropriate.).

GENERAL NOTES

All dimensions, site setting out, finishes, damp proofing, insulation and

radon protection to architects details and specification. DO NOT set out from this drawing. Check all dimensions with

Architects drawings and consult Engineer if any queries arise. Do not scale from drawings. All dimensions to be checked on site. All details and dimensions relating the sub-contractors or suppliers work must be checked and

Works to comply with current Codes of Practice, Eurocode, British Standards and Building Regulations.

agreed between the subcontractors or supplier and the general

Contractor to provide all necessary vertical and lateral restraint strapping in order to comply with The Building Regulations.

Existing wall construction, foundations, span directions of joists, rafters etc. all to be exposed and confirmed as adequate and in line with

materials. Structural engineer to be consulted if any differences are

assumptions prior to commencement of work and ordering of

Temporary Stability - Contractor to provide all necessary temporary propping to safely undertake the works.

Roof and Trimming - Design of roof structure, trimmers and connections to be prepared by suitably qualified persons prior to

construction. Party Wall - Works come under the Party Wall Etc. Act 1996. All appropriate notices and awards should be issued prior to work taking

Masonry Strength - Contractor to confirm strength of existing brick/blockwork and mortar class prior to commencement of works

and ordering materials. Structural Engineer to be consulted if found to be different from values New strip foundations to be cast on to solid virgin ground with

confirmed on site by Building Control Officer and any soft spots to be filled with GEN1 concrete. All DPC's, DPM's, fire protection, finishes & radon protection to the

Architect's specification or agreed on site with building control. Part A3 Section V of the current Building Regulations.

150kN/m² capacity - final depth and ground conditions to be

This structure is in class _____ regarding Disproportionate collapse.

The following measures are to be taken :

All concrete to be specified in accordance with BS 8500:2015 parts 1

CONCRETE

and 2, and BS EN 206:2013.

Unless detailed and scheduled the contractor is to provide all necessary reinforcement spacer chairs.

All concrete to be RC32/40 concrete, unless stated otherwise. All shuttering to shuttered concrete to others details.

Plain concrete in foundations shall be placed in direct contact with

the bottom of the excavation, the concrete being deposited in such a manner as not to be mixed with the earth.

The bottom of excavations for reinforced concrete works shall be covered with a blinding layer of C8/10 GEN 1 concrete not less than 50mm thick with a smooth surface.

No concrete shall be mixed or placed while the temperature is below 1° C on a rising thermometer or 2°C on a falling thermometer.

Newly placed concrete shall be protected by approved means from frost, rain, sun and drying winds.

All reinforcement to have minimum 40mm cover, 50mm to underside, unless stated otherwise.

Detailing of day work/construction joints by groundworks contractor.

Positions to be agreed with engineer.

Bar annotation as set out below:

ABR = Alternate Bars Reversed



Abbreviations:-

T1/2 = Top Face (T1=Outer Layer, T2=Inner Layer) B1/2 = Bottom Face (B1=Outer Layer, B2=Inner Layer) NF = Near Face (N1=Outer Layer, N2=Inner Layer) FF = Far Face (F=Outer Layer, F2=Inner Layer) EF = Each Face; AB = Alternative Bars; STG = Staggered Bars;

Services are not expected to exceed 150mm diameter and are to be suitably sleeved through reinforced concrete elements. Bars may be locally displaced to accommodate this.

All reinforcement to have minimum lap lengths set out below: H10 - 400mm

H12 - 480mm H16 - 640mm H20 - 800mm

Reinforcement to be inspected & approved by the Engineer before concrete casting commences (min 24 hour notice).

H25 - 1000mm

H32 - 1280mm

Concrete shall be placed and fully compacted to avoid cold joints, honeycombing and to minimise segregation, excessive blemishes or other defects in the concrete.



FALMOUTH TOWN COUNCIL KIMBERLEY PARK LODGE, FALMOUTH

Project No: PROPOSED FOUNDATION PLAN 23505

As indicated @ A1 JSK

Drawing No: Revision:

Checked:

WMPS