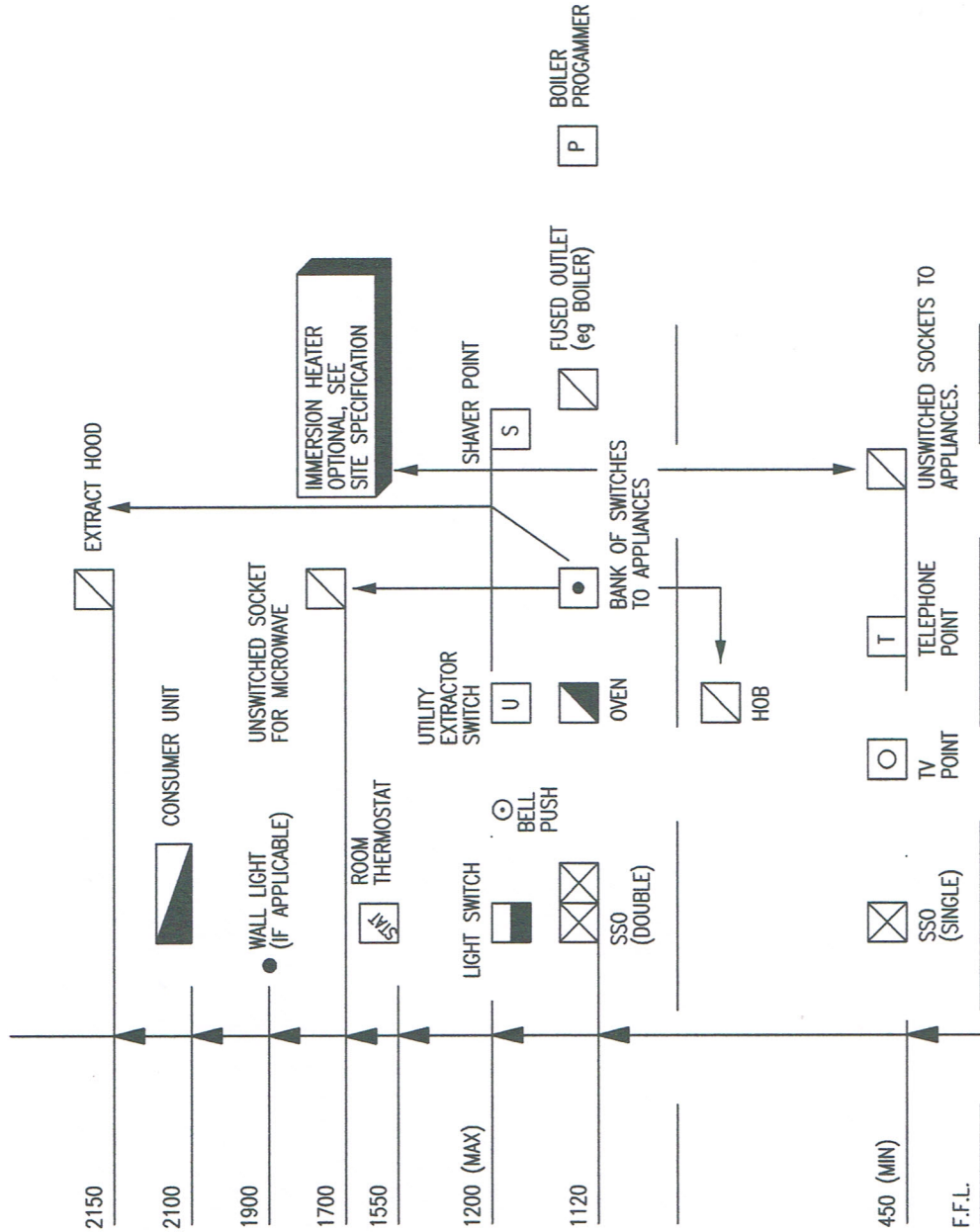


KEY & HEIGHTS OF ELECTRICAL FITTINGS.



Construction (Design and Management) Regulations 2015.
From the extent of work detailed in these drawings, the CDM Regulation 2015 will apply to this project. This is a statutory legal requirement when undertaking construction works of the type proposed.
As Principal Designer Hana & Co. consider safe design enabling safe construction during the undertaking and finalisation of the design. We detail items of safety in the Building Regulation Construction Notes and prepare applicable Design Risk Assessments.
Under the revised CDM Regulations 2015, domestic clients, their designers and contractors are required to comply with the Regulations.
The regulations require that someone takes responsibility for the safety of works on site. Until and unless the appointment is made the Client holds the legal responsibility and liability. The limit of our liability is the design and ceases with the obtaining of Planning and Building Regulation Approvals.

NOTES:

Strip Foundations: to 300mm. thick external cavity walls and party walls to be 600x 600mm. thick sr. concrete strip foundation, to 100mm. thick load bearing partitions to be 600x 600mm. thick sr. concrete strip foundation. All foundations to be mass concrete prescribed mix grade C10P sulphate resisting strip footing minimum 1000mm. deep below adjacent final finished ground level. Foundation base to be on bearing strata types I-IV as table 12 of Approved Document A of Building Regulations 1991. For ground types V-VII as table 12 or where deleterious matter is present, a site investigation is to be undertaken. Foundations will be required to be designed by a Structural Engineer and approved by the Local Authority prior to continuing construction. Clay bearing strata to be kept free of water. Softened or disturbed clay to be removed from excavation immediately prior to concreting. Brickwork from top of foundation to 150mm. below finished ground level to external skin and upto dpc. level to internal skin to be in min. 7.0 N/mm². sr. concrete block cavity wall construction with cavity filled with lean mix sr. concrete upto 150mm. below lowest dpc. level. Alternatively an approved type trenchfill block of min. 4.0 N/mm². can be used from top of foundation upto 150mm. below level of proposed external finished ground. Width of cavity wall and trenchfill block to suit wall to be built over. Mortar below dpc. level is to be 1:3 sr. cement/sand. Precast concrete lintols are to be provided above drains and services where they pass through walls. Where steps occur in foundation the width of the overlap is to be equal to twice the rise of the step and in no case less than 300mm. New foundations to be connected up to any adjacent existing foundation and also to be taken down to below invert level of any adjacent drainage runs. If any substantial additional loadings are to be taken by existing foundations then they should be exposed and checked to adequacy. All foundations subject to site conditions and to satisfaction of the Local Authority Building Control Dept.

Wall Construction: External Cavity Walls overall wall thickness 300mm. External skin 100mm. smooth lime rendered brickwork to match existing and to Planning Authority Approval. Cavity 100mm. part filled with insulation bats of approved manufacturer and fixed to their details and specification. 5No. stainless steel wall ties per m². min. and every course at all openings. Internal skin 100mm. min. common brickwork.
Total U value 0.28 W/m²c. Inner skin to be min. 3.5 N/mm². bricks for two storey buildings. Wall ties to be of approved type stainless steel wall ties built into cavity walls at 450mm. vertical and 900mm. horizontal centres (750mm. where cavity is greater than 50mm) and at 225mm. centres vertically to jambs of all openings. Lintols to be IG steel lintols unless otherwise stated with polythene cavity tray over and with weep holes provided at 900mm. centres min. two per structural opening. Lintols to incorporate adequate insulation to avoid cold bridging. Internal solid walls to have precast concrete lintols unless specified otherwise. All external lintols to have 150mm. min. end bearing. Internal lintols below 1200mm. span to have 100mm. min. end bearing. Internal lintols above 1200mm. span to have 150mm. min. end bearing.

Drawing: SPECIFICATION 1.		HANA & COMPANY LIMITED.	
Client: KOMFORT SERVICES.		DEMENTIA SPACES AND ARCHITECTURE.	
Project: PROPOSED TWO STOREY REAR EXTENSION, LANZ FARM, 33 HARMONDSWORTH LANE, WEST DRAYTON, HILLINGDON. UB7 0JQ.		16 BELVOIR ROAD, BOTTESFORD, NOTTINGHAM. NG13 0BG.	
Scale: -		TEL. 01949 843287. E.MAIL HANA.CO@BTINTERNET.COM	
Set up size: A3.		Drawing Number: HN/062/110.	
Drawn by: -		File name: HN/062.	
Checked by: -		Date: 25.02.19.	