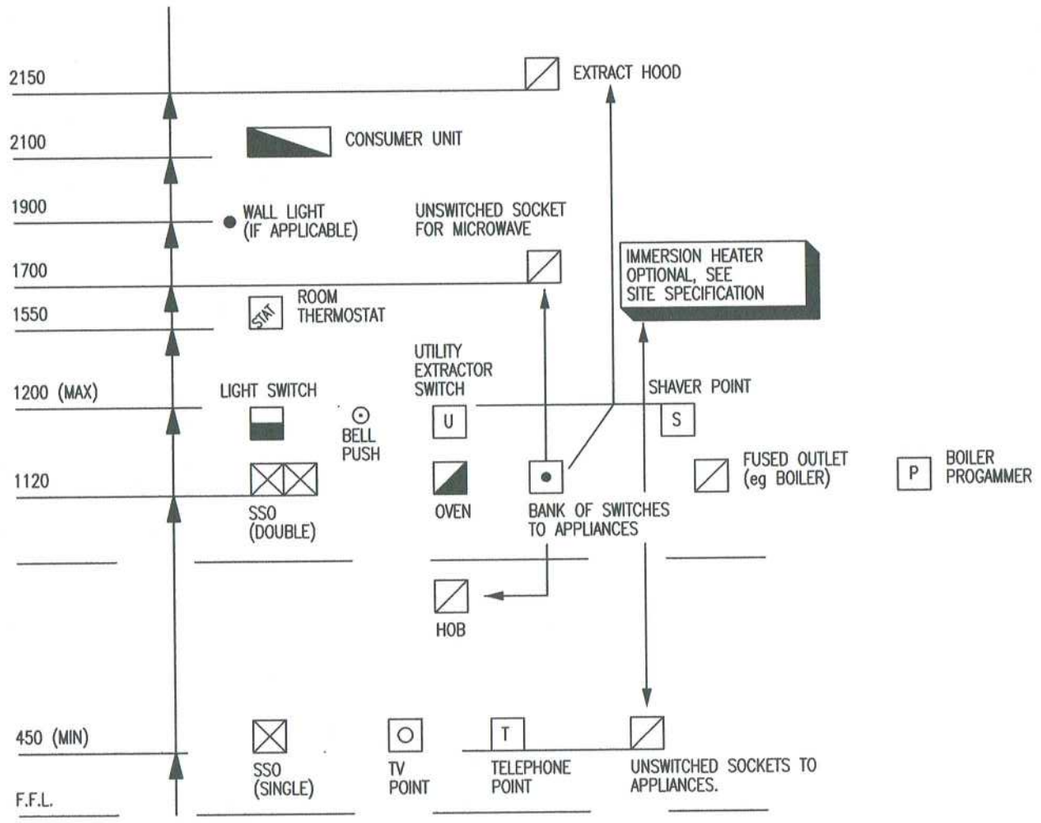
KEY & HEIGHTS OF ELECTRICAL FITTINGS.



NOTES:

Strip Foundations: to 300mm. thick external cavity walls and party walls to be 600x 600mm. thick concrete strip foundation, to 100mm. thick load bearing partitions to be 600x 600mm. thick concrete strip foundation. All foundations to be mass concrete prescribed mix grade C10P 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. concrete block cavity wall construction with cavity filled with lean mix 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 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. rendered blockwork to Local 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. Celcon Solar or equal approved thermal insulated blockwork. Total U value 0.28 W/m2c. Inner skin to be min. 3.5 N/mm2. blocks for two storey buildings. For three storey buildings inner skin at ground floor level to be min. 7.0 N/mm2. New cavities to be connected upto existing. 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. Movement joints to be provided as follows: Clay brickwork 12 metres max. Concrete brick/blockwork 6 metres max. Joints to be formed either by using 15mm. closed cell polyethylene filler board, Hydrocell or similar approved, with polysulphide pointing externally, colour to match mortar/external renders. 63mm. wide stainless steel brick reinforcement mesh across joint at 450mm. max. vertical

Drawing: SPECIFICATION I.			HANA & COMPANY LIMITED. DEMENTIA SPACES AND ARCHITECTURE. 16 BELVOIR ROAD, BOTTESFORD, NOTTINGHAM. NG13 0BG. TEL. 01949 843287. E.MAIL HANA.CO@BTINTERNET.COM E.MAIL MJBUNN@BTINTERNET.COM
Client: MRS. S. SHAZADA.			
Project: PROPOSED GROUND FLOOR REAR EXTENSION, 14 SAXONY PARADE, HAYES, MIDDLESEX. UB3 2TQ.			
Scale: –	Drawn by:	File name: HN/112.	Drawing Number: HN/112/15.
Set up size: A3.	Checked by:	Date: 23.12.19.	