

radiator valve proposed radiator 35mm Gas from meter position of meter to be • • • • • • • • • _ _ _ _ Extg Gas and Water meter to on this incoming gas pipework through brickwork exact position to be agreed with structural 15mm htg F&R from floor void drops to rad in basement. rad G 01 rad G 02 ____ **__**__ ____ _____ _____e ____ ____ Column type Zehnder radiator fitted into window reveal with "Victorian" style thermostatic rad valve set. Colour to be confirmed by architect. (Typical) 15mm htg F&R in floor void notched through joists where necessary. 15mm htg F&R from floor void drops to rad in basement. 35mm gas set from horizontal to run 28mm htg F&R to upper floors High and low level door transfer from below to above

High and low level door transfer grilles to comms cupboard

28mm residential htg and 22mm "public" F&R from

100m extract duct from toilet fan to wall



0 0 0 0 0 Htg from floor void to radiator 22mm htg F&R in floor void notched through joists where necessary , insulated wherever practical 15mm htg F&R from floor void to radiator 22mm htg F&R branch in floor void 22mm htg F&R from high level basement to ground floor void 15mm htg F&R in floor void notched through joists where necessary , insulated wherever practical 22mm gas to above to residential kitchen hob REVISION DRAWING STATUS PLANNING

> Wall mounted extract fan from toilet Wall mounted Control Panel

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80 litre horizontal expansion vessel sited under control panel Mikrofill unit

Heating and HWS primary pumps vertically on the wall with header at low level

Wall mounted heating boiler ~ Ideal Evomax rated at 60 kW with separate circuits for public and private areas. Condense drain and safety valve discharge to drop to below and discharge over gulley in the garden.

200 x 150 louvres at high and louvre for boiler ventilation or equivalent free are in air bricks.

Boiler Flue ~ 150mm dia concentric flue



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