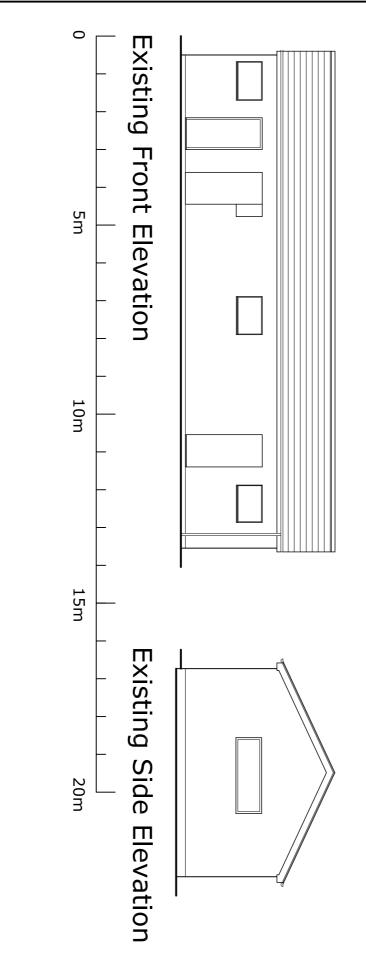


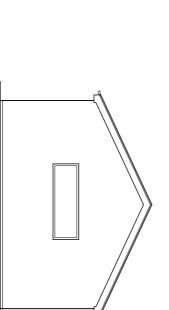
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## Existing Ground Floor Plan

luuuuuluuuuluuuuluuuuluuuul ) 1m 2m 3m 4m 5m

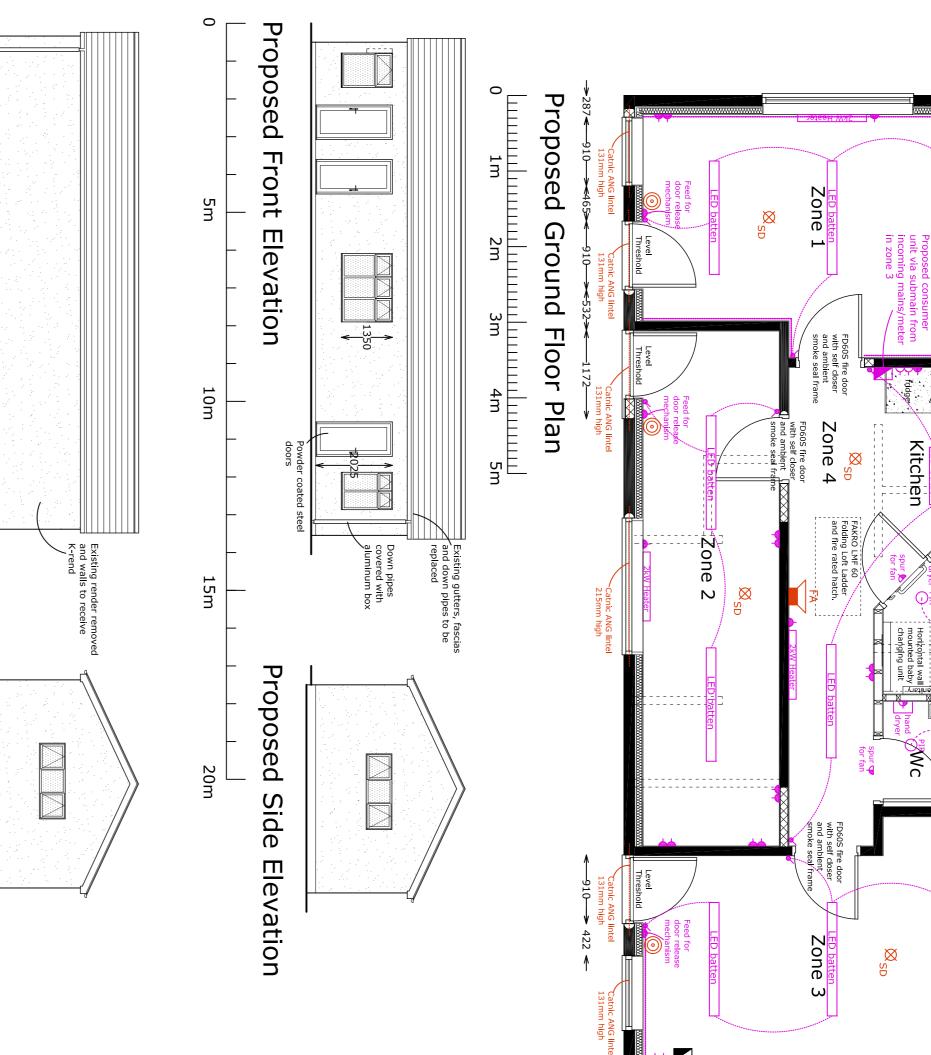




## **Existing Side** Elevation

**Existing Rear Elevation** 

T173	,		<b>•</b>	0		Data	<b>-</b>	D-	D-	В	ţ	<b>}</b> -	Power
anis tiva bateaimull	Light switch	Celling mounted light fitting within suspended celling grid	Ceiling mo	LED dowr	Dado Trunking	Data point	Switched spur	Single high level 13	Single low level	Double high level 13	Double low level	Existing	Power and Lighting Key
exit sign	J	unted light vended ceil	Ceiling mounted light fitting	downlighters	ing		pur		13		13	}	hting K
		fitting ing grid	fitting					amp socket	amp socket	amp socket	amp socket	Proposed	еу



Proposed Rear

Elevation

Proposed Side

Elevation

Existing Solid Existing render
Existing render
Silicone Dash F
Insulation of e:
value of 0.20W
insulated plast
skim finish. Plat
timber battens
proposed walls
reveals to rece
plasterboard.
instructions an
Internal block
Existing openin
block tied to e:
Connectors. Al
Gypsum Gypro
60minute fire ing Solid External Walls
ing render to be removed and walls to receive K-Rend
ing render to be removed and walls to receive K-Rend
pre Dash Receiver with Silicone K1 applied (colour white),
ation of existing external walls to achieve a maximum. "U"
of 0.20W/m²K, by 87.5mm Kingspan Kooltherm K118
ated plasterboard (thermal conductivity 0.019W/mk) with
finish. Plasterboard to be screw fixed onto 25mm x 50mm
er battens, with battens inturn screw fixed to existing and
sed walls with vertical DPC behind. Window and door
als to receive 32.5mm Kingspan Kooltherm K118 insulated
erboard. All boards fixed in accordance with manufactures
actions and BS8212.

Non-loadbe
Walls to col
450mm cer
with contin
SoundBloc
with 15mm
sealed com
taken to ur
partitions to penings to be infilled where shown with 100mm de penings to be infilled where shown with 100mm de to existing walls with Catnic Stronghold Wall rs. All existing block walls to receive 15mm British Syproc Fireline board and skim finish to achieve fire resistance.

<u>Lintels</u>
Structural supports to new openings within existing walls and to existing openings incorporating timber lintels to be provided by Catnic lintels as follows:existing external wall 950mm or less: Catnic ANG 131mm high existing external wall 1300mm or less: Catnic ANG 167mm high

Lintels to cased int be laid level and have min. end bearing of 150mm, and ernally to give 30mins fire resistance.

Windows & Doors

All new windows to be PVCu , all with minimum 16mm air gap with argon fill double glazing with Pilkington K Glass S soft coated inner pane to achieve maximum "U" value of 1.54W/m²K to windows outer pane to be laminated glass. With fully draught stripped openable light equivalent to minimum 1/20th floor area for purge ventilation and including minimum 5,000mm² trickle vents per habitable rooms and 2500mm² for non habitable rooms (WCs, kitchen) for background ventilation in accordance with Part F 2021 Edition sections 1.23 to 1.25.

External doors to be steel security doors to meet security requirement BS PAS 24:2012 or designed and manufactured in accordance with Approved document Q Appendix B. Frames to be mechanically fixed to the structure of the building in accordance with manufacturers installation instructions. External doors to be fitted with flush mortice lock release, fail secure with thumb turn internally.

All new doors between corridor and hub areas to be FD60s fire doors with self closer and vision panel (16G configuration). Door closers to have resistance that requires less than 20N force to open. All doors to incorporate push/pull handle in contrasting colour to doors. Doors/frames to be finished to contrast with surrounding painted walls, all in accordance with Part M section

who work between corridor and hub areas to be FD60s fire with self closer and vision panel (16G configuration). Door to have resistance that requires less than 20N force to all doors to incorporate push/pull handle in contrasting to doors. Doors/frames to be finished to contrast with nding painted walls, all in accordance with Part M section any security locks to be unlocked prior to use of the rooms unlocked during there use. This should form part of a ement procedure.

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Existing roof structure to be retained. Ceiling to be formed by 47mm x 195mm C16 joists @ 400mm ctrs to main roof. Joist overlaid with 18mm T & G chipboard for storage. Ceiling to receive insulation consisting of 75mm Kingspan Kooltherm K103 insulated board (thermal conductivity 0.019W/mk), ceiling underlined with 87.5mm Kingspan Kooltherm K118 insulated plasterboard (thermal conductivity 0.019W/mk) to achieve maximum "U" value of 0.16W/m²K. Ceilings formed by fixing 19mm British Gysum Gyproc Plank and 12.5mm Gyproc FireLine board to underside of each joist complete with skim finish to achieve 60 minute fire resistance.

Heating
Heating to be provided by wall mounted electric panel heaters all with thermostatic valve controls. Hot water to kitchen and WC areas to be supplied by Heatra Sadia or similar electric water heater located in kitchen cupboard. Unit to be installed strictly in accordance with manuafactures instructions by a heating engineer all in acordance with Part L Volume 2 section 6.17 and 6.18 Building Regulations (2021 Edition) and Non Domestic Building Services Compliance Guide 2013 Edition.
Pipework in exposed situations to be insulated including provision of additional insulation to safety fittings and pipework.
Hot water supply pipework to be fitted with inline blending valve to limit water to 48° all in accordance with paragraghs 3.65 3.68 of part G (2016 Edition)

**Ventilation**Provide mechanical ventilation to WC areas via Xpelair DX100T wall extractor fans capable of min. 6l/s extraction per WC. Mechanical ventilation to be provided to supply and extract air from all hubs to achieve minimum 10l/s per person to hub areas. Ventilation to be provided to the kitchen areas via Xpelair SL150 wall mounted extractor to achieve min. 15l/s, all by specialist design in accordance with sections 1.24 to 1.37 and of approved document F volume 2 of the Building Regulations 2021 edition.

## Emergency Lighting, Fire Detection System & Smoke Alarms System to be deigned, installed and commisioned by specialist contractor to incorporate Smoke Detectors/Fire Alarms in positis shown. Units to be mounted at ceiling level, 300mm from any wall and light fitting. Fire alarm to be designed and installed to

xit signage over new doors and illuminated final exit signage to \$5499: Part 1:2002. External surface mounted emergency light ting to BS 5266-1:2005 in accordance with Approved document Volume 2, paragraph 5.36. jency Lighting to each room and corridor areas together externally along side each final exit, to be installed to

Electrical Fittings

All sockets to be positioned above 450mm from floor level, and all switches to be positioned below 1200mm from finished floor level to comply with Part M of the Building Regulations.

All internal light fitting external lights to incorporate only fitting with compact fluorescent lamps - luminous efficiency greater than 55 luminaire lumens/circuit-watt and with any external lights to incorporate daylight sensor, in acordance with Part L2B paragraphs 2.45 - 2.46 Building Regulations 2013 Edition (incorporating 2016 amendments) and Non Domestic Building Services Compliance Guide section 12.4. Internal emergency lighting to be in accordance with BS 5266 Part 7.

Electrical installation to be designed and installed and tested on completion by an NICEIC registered contractor in accordance with BS 7671:2001 to comply with Part P of the Building Regulations.

with plastic balloon cage or AAV (Air Admittance Valve), as shown. Sink 40mmø pipework; wash hand basin 32mmø pipework, pipework in combined situations 50mmø all with 75mm deep seal traps.

New drains in 110mmø Marley PVC pipework to 1 in 40 falls to new IC's. Pipework with less than 0.6m cover to garden area or 0.9m cover to drive/car parking area to incorporate reinforced concrete cover slab to bear minimum 300mm onto original ground either side of drain excavation, with minimum 25mm compressible board between concrete and minimum 75mm granular bed and surround to pipework.

All foul drainage to run to existing foul drain.

All gutters to be 115mm black rectilinear with rwp's to be 63mm black square plastic to connect to existing back inlet gullies. All drainage works to comply with BS EN 752 Parts 1-4

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Revision: i 27 27-09-22 R Client requested amendments

**Hartford Parish** 23/08/22 Hartford Hartford Pavillion, **Proposed Renovation** <sup>ւle:</sup> 1:50, 1:100 1:1250@A1 Drawn by: RR Council 1039-01 wing number: at Revision:

