

UNDERGROUND FOUL DRAINAGE Underground drainage to consist of 100mm diameter UPVC proprietary pipe work to give a 1:40 fall. Surround pipes in 100mm pea shingle. Provide 600mm suitable cover (900mm under drives). Shallow pipes to be covered with 100mm reinforced concrete slab over compressible material. Provide rodding access at all changes of direction and junctions. All below ground drainage to comply with BS7158 and BS80 1

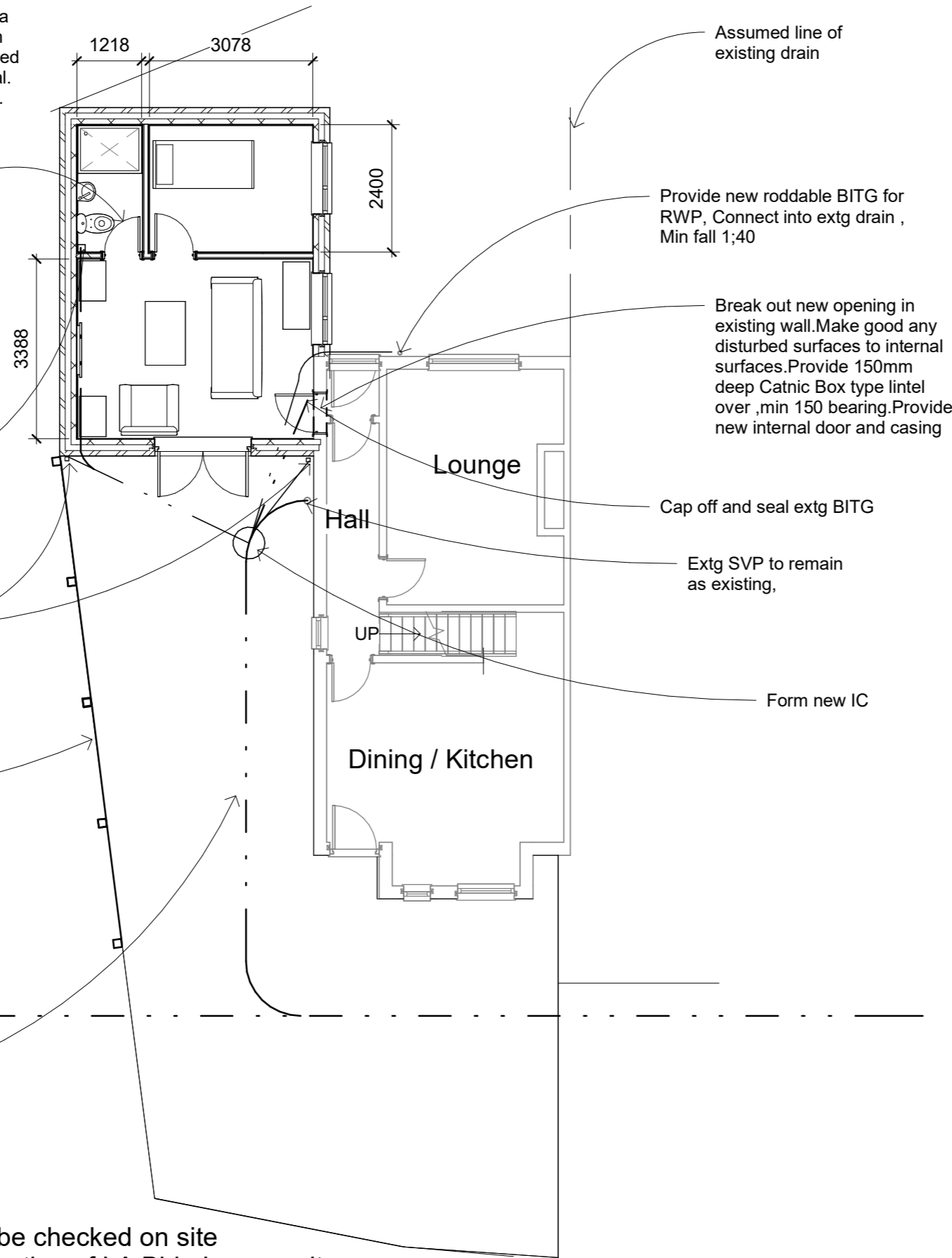
EXTRACT TO WC/Shower room
W/C / Shower room to have mechanical ventilation ducted to external air with an extract rating of 15l/s operated via the light switch. Vent to have a 15min overrun if no window in room.

Provide new Stub Stack for WC / Shower and WHB wastes. Provide new slow radius rest bend and connect into new drain and into new IC .

Provide new roddable BITG for RWP, Connect into extg drain , Min fall 1;40

Assumed Site Boundary

Assumed line of existing drain



ESCAPE WINDOWS Provide emergency egress windows to any newly created first floor habitable rooms and ground floor inner rooms. Windows to have an unobstructed openable area of minimum 735x450mm, minimum 0.33m sq. The bottom of the openable area should be not more than 1100mm above the floor. The window should enable the person to reach a place free from danger from fire.

SAFETY GLAZING All glazing in critical locations to be toughened or laminated safety glass to BS 6206 and Part K of the current Building Regulations, i.e. within 1500mm above floor level in doors and side panels within 300mm of door opening and within 800mm above floor level in windows

WALL TIES All walls constructed using stainless steel vertical twist type retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225 mm ctrs at reveals and corners in staggered rows. Wall ties to be suitable for cavity width and in accordance with BS 5268-6.1: 1996 and BS EN 845-1: 2003
CAVITIES Provide cavity trays over openings. All cavities to be closed at eaves and around openings using Thermabate or similar non combustible insulated cavity closers. Provide vertical DPCs around openings and abutments. All cavity trays must have 150mm upstands and suitable cavity weep holes (min 2) at max 900mm centres.

DPC Provide horizontal strip polymer (hyload) damp proof course to both internal and external skins minimum 150mm above external ground level. New DPC to be made continuous with existing DPC's and with floor DPM. Vertical DPC to be installed at all reveals where cavity is closed.

DRAINAGE Full drainage system on site is to be identified on site at the time Of excavation .If the property is served by a combination system Or separate system, that system must be maintained during and after construction. All re routing and additional drainage layouts are to be confirmed and approved by the building inspector prior to the laying of the drains. All drain bends. Any drainage re-routing as a result of this application is to be agreed in advance of construction and in accordance with the building inspectors and utilities requirements. Drain inspection Chambers less than 930 mm are to be polypropylene with a metal Frame and cover. Drainage runs indicated on drawings submitted are assumed based on what is visible at the time of survey and should not be relied upon as being a complete drawing survey. Prior to any excavation works the contractor must determine the exact positions of all drainage runs including pipe size, depths, rodding access points and inspection positions. Depending upon this information delays may occur in the construction process due to the need to consult united utilities or to commission CCTV survey. The contractor is advised of their responsibilities to maintain adequate temporary supports for all excavation works. All drainage to be to satisfaction of LA building inspector

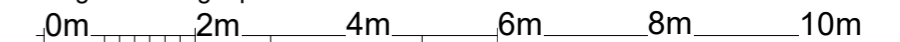
NEW AND REPLACEMENT WINDOWS

New and replacement windows to be double glazed with 16-20mm argon gap and soft coat low-E glass. Window Energy Rating to be Band B or better and to achieve U-value of 1.4 W/m²K. The door and window openings should be limited to 25% of the extension floor area plus the area of any existing openings covered by the extension. Insulated plasterboard to be used in reveals to abut jambs and to be considered within reveal soffits. Fully insulated and continuous cavity closers to be used around reveals. Windows and door frames to be taped to surrounding openings using air sealing tape. Windows to be fitted with trickle vents to provide adequate background ventilation in accordance with Approved Document F

NEW AND REPLACEMENT DOORS

New and replacement doors to achieve a U-Value of 1.4W/m²K. Glazed areas to be double glazed with 16-20mm argon gap and soft low-E glass. Glass to be toughened or laminated safety glass to BS 6206, BS EN 14179 or BS EN ISO 12543-1 and Part K of the current Building Regulations.

Insulated plasterboard to be used in reveals to abut jambs and to be considered within reveal soffits. Fully insulated and continuous cavity closers to be used around reveals. Windows and door frames to be taped to surrounding openings using air sealing tape



VISUAL SCALE 1:100 @ A3

1 dpc
1 : 100

All Measurements to be checked on site
All drainage to satisfaction of LA Bldg Insp on site



Planning
Building Control
Structural Calculations
Project Management

PROJECT	Proposed Side Extension To 5 Barn Hill Terrace, Westhoughton, BOLTON, BL5 3TE		
SHEET	Proposed Floor Layout		

CLIENT	Mr R Peacock		
Date	18/03/2024	Project number	NDH/RP/2/24
Scale (@ A3)	1 : 100		
Drawn by	Neil	DRAWING NUMBER	2 Of 6
Checked by	Checker	REV	