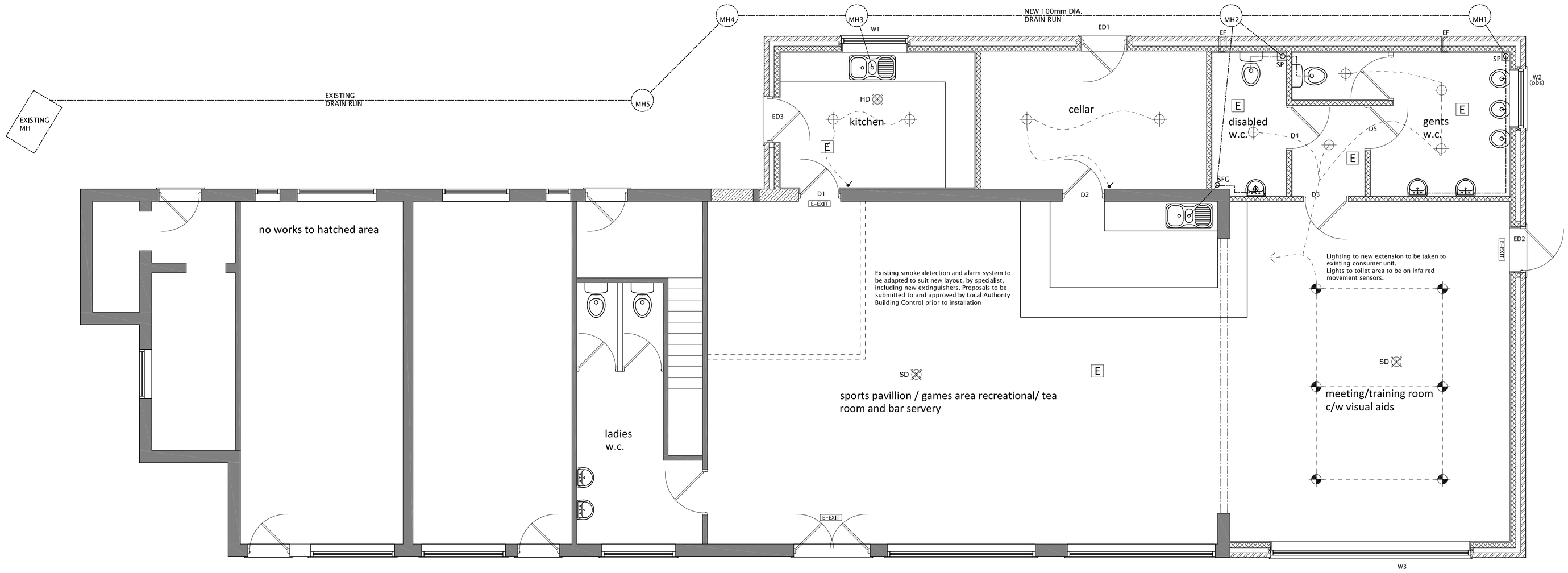
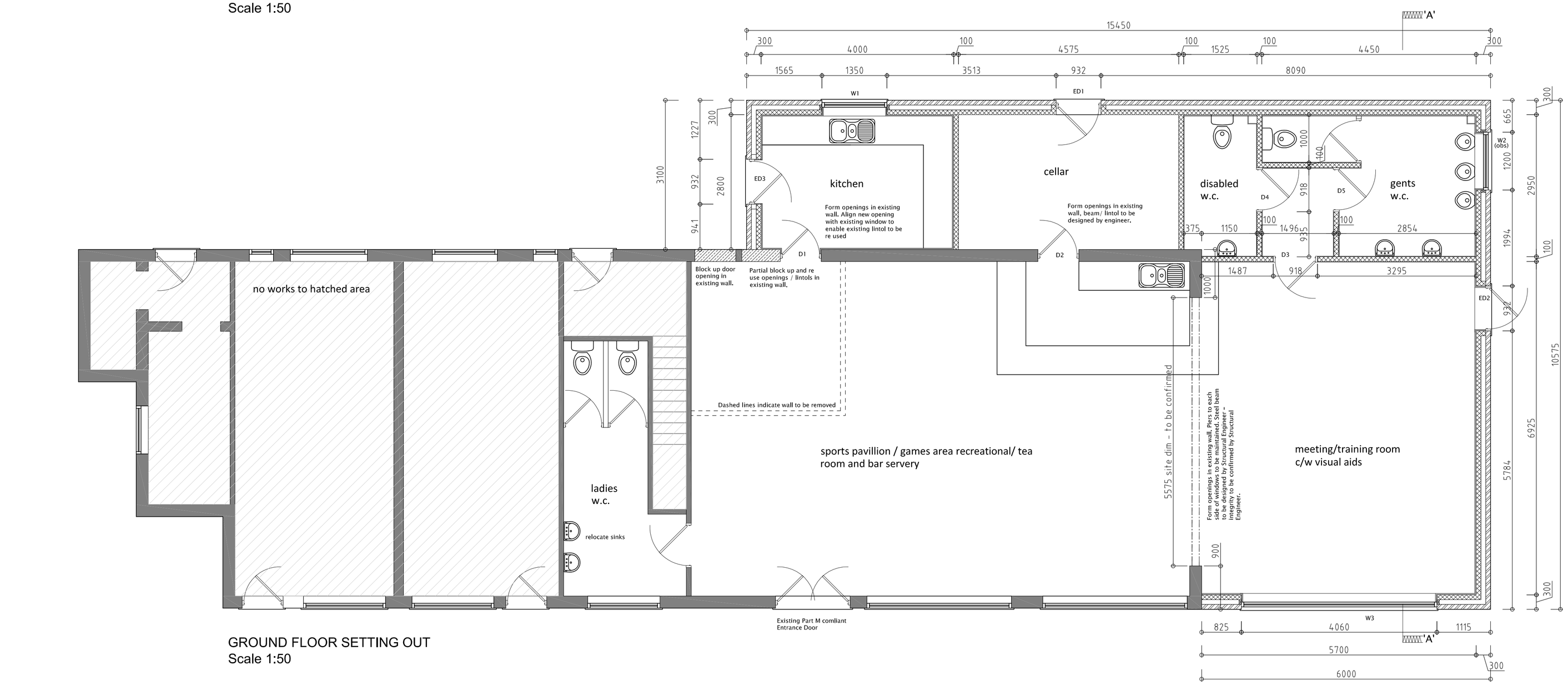


GROUND FLOOR LAYOUT
(indicating drain runs)
Scale 1:50



GROUND FLOOR SETTING OUT
Scale 1:50

ELECTRICAL SYMBOLS KEY

- EF — Ceiling mounted extract fan
- SD — Smoke Detector
- CO — Carbon Monoxide Detector. To wall - located above the height of any door or window min 150mm from ceiling. To Ceiling - located min 300mm from any wall.
- HD — Heat Detector
- G — Gas point
- Double socket outlet
- Pendant light fitting with Low Energy bulb
- Batten light fitting with Low Energy bulb
- IPX4 batten light fitting with Low Energy bulb
- Wall mounted light fitting with Low Energy bulb
- TV — TV point
- BT — Telephone point
- CU — Consumer unit
- Lightswitch
- 2 — Lightswitch - 2 way
- Extract Fan isolator switch with 'FAN' label/symbol @ H.L. centred above door
- Thermostat
- E — Emergency Light
- E-EXIT — Emergency Exit Signage

WINDOW SCHEDULE

Window Ref	Struct opening (width/height)	Lintol Ref (kg)	Fire Escape
W1	1350 x 1050mm	Catnic CG 90/100(7.6)	No
W2	1200 x 600mm	Catnic CG 90/100(6.1)	No
W3	4060 x 1350mm	TBC*	No

* Lintol / steelwork to be confirmed by Structural Engineer.

DOOR SCHEDULE - EXTERNAL

Door Ref	Door Size (width/height)	Door weight(kg)	Lintol Ref (kg)	Notes
ED1	838 x 1981mm	38.0	Catnic CG 90/100(6.1)	
ED2	838 x 1981mm	38.0	Catnic CG 90/100(6.1)	Designated Fire Escape Push Bar Release
ED3	838 x 1981mm	38.0	Catnic CG 90/100(6.1)	

DOOR SCHEDULE - INTERNAL

Door Ref	Door Size (width/height)	Door weight(kg)	Lintol Ref (kg)	Fire Door
D1	838 x 1981mm	38.0	TBC*	No
D2	838 x 1981mm	38.0	TBC*	No
D3	838 x 1981mm	38.0	CATNIC CN 6XB	No
D4	838 x 1981mm	38.0	N/A	No

* Lintols to be Catnic Cougar, or similar approved, size and specification to be confirmed on site upon confirmation of exiting wall thickness

All details to be confirmed by building control officer

New prefabricated roof trusses over by specialist.
Minimum 300mm Rockwool Loft Roll quilt insulation

Fixing detail of new and existing wall to be confirmed by engineer or building inspector

Ceiling to be finished with 15mm KNAUF Wallboard

Mains wired smoke alarm as indicated.

All Electrical work to to meet the requirements of Part P (Electrical Safety) and designed, installed and tested by a competent person.

Drainage to be carried out to the satisfaction of Building control Officer.

Roof tiles to match existing

See detail for Eaves

UPVC Windows with Min U-Value of 1.8 w/m2'k

Min 100mm Rockwool Cavity Batts to cavity

Facings to match existing

Min 120mm Kingspan K3 Kooltherm Floorboard to ground floor

Dpc Min 150mm above Ground Level

See section detail for Ground Floor Construction

Extract to wc capable of venting 15l/s to extract through wall

Extract to kitchen capable of venting 30 l/s if situated directly above cooker or 30 l/s if elsewhere

Note:
All facing and roofing materials to match existing. roof to be re laid throughout with rosemary tiles to match existing. builder to ensure roof tiles suitable for proposed pitch and, if necessary, suitable alternative to be agreed with planning officer prior to installation.

Existing heating system to be redesigned by specialist heating contractors making allowance for extension. To be submitted to Building Control and Approved prior to commencement on site.

Ventilation.
All new windows to allow purge ventilation.
Trickle Ventilation, or equivalent , rates are as follows:

Kitchen - 2500mm2
Sanitary - 2500mm2 / WC & Urinal
Ouupiable Rooms - 250mm2 / m2.

BPAS
architectural technologists
chartered environmentalists
code for sustainable homes assessors
domestic energy assessors
non domestic energy assessors
sap assessors

14 nether avenue
grenoside, sheffield
Tel: 07919 116224

carbon efficient solutions in the built environment

proposed development at
houghton main wmc, barnsley
proposed ground floor layout

for
mr. p baxter

date	sept 11	drg no	c11:302:04
initials	mrb	revision	-
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bpas is a trading name of mbas ltd