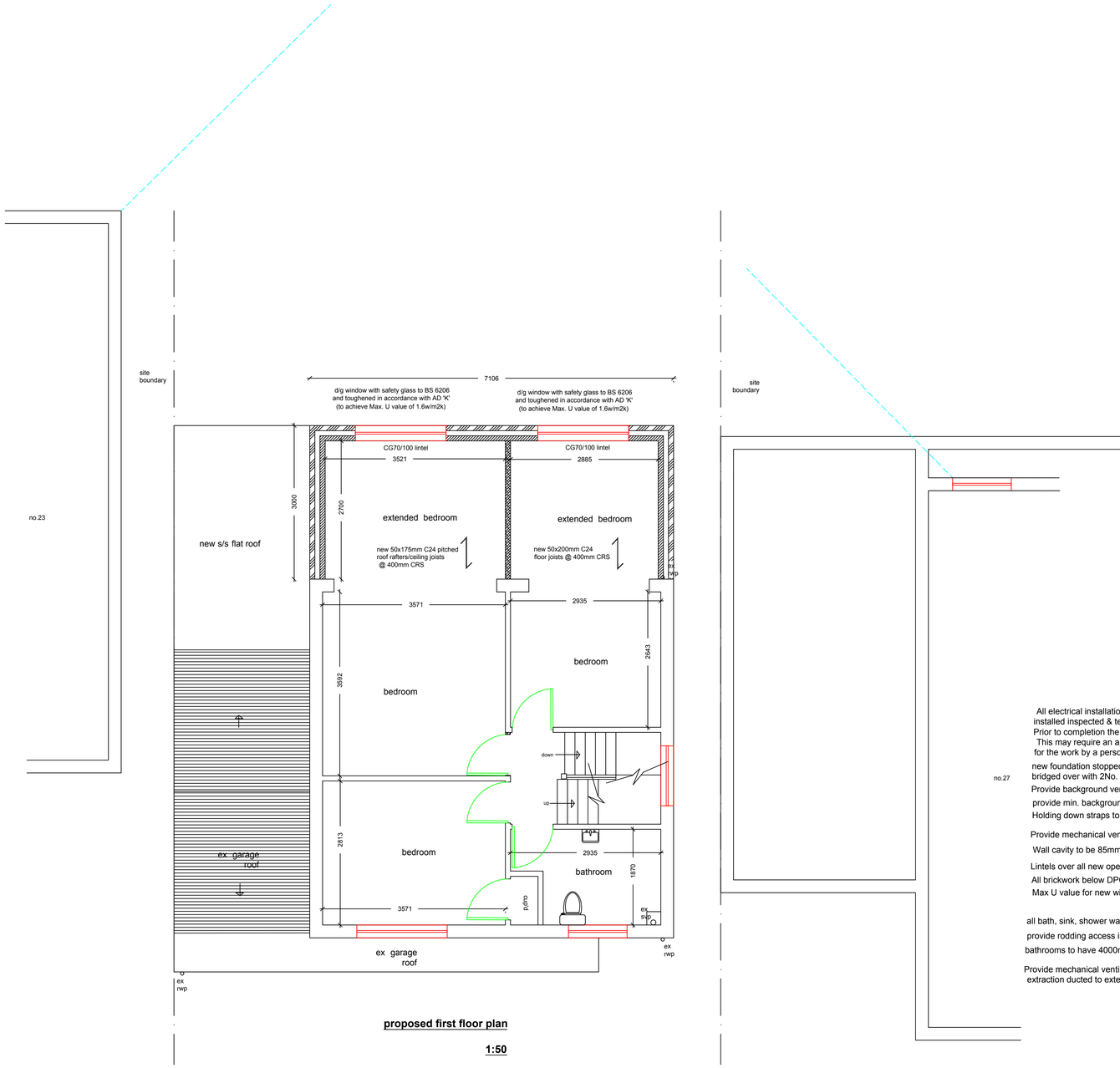

proposed first floor plan

1:50

0m 5m 10m

FOUNDATIONS; Min. 1.0m below lowest ground level or to level of adjacent drains, whichever is deeper. To be below any roots by 0.6m. All depths in accordance with NHBC prac. note 3

DRAINAGE; All new & existing drains to be encased in 150mm concrete and bridged by RC lintels where passing through walls/foundations. All new drains to be bedded in 150mm pea shingle.

EXTERNAL WALLS; 112mm brick external skin, 85mm Dritherm cavity batts and inner skin of 100mm thermalite turbo blocks (1:1:6 mortar). Insert galv. wall ties @ 450mm CRS vertically and 900mm CRS horizontally and at every block at reveals to all openings and at floor level @ min. of 150mm above g.l. and lapped into existing DPC.

VENTILATION; Provide min. ventilation opening to all rooms of 1/20th of floor area.

STEELWORK; Provide half hour fire protection to all new steel beams with 2 layers of 12.5mm

FLOOR; Min. 150mm consolidated hardcore with 50mm sand blinding with 1200 gauge DPM over and min. 100mm concrete floor, 1:2:4 mix. Finish floor with a 65mm screed with chicken wire mesh at mid depth on 120mm Celotex insulation on 500 gauge polythene. (Void below floor to be made up with hardcore backfill)

PITCHED ROOF; 50 x 175mm rafters @ 400mm CRS and 50 x 150mm ridge with 19 x 38mm tanalised roofing battens on roofing felt. Ceiling joists to be 50 x 175mm C24 timbers @ 400mm CRS with 12.5mm f/b plasterboard & skim. Provide 250mm glass fibre insulation between ceiling joists and provide continuos Glidevale□ strip vents in soffit for ventilation of new pitched roof.

All electrical installations required to meet requirements of Part P (Electrical Safety) must be designed, installed inspected & tested by a person competent to do so.
Prior to completion the council should be satisfied that Part P has been complied with.
This may require an appropraite BS 7671 electrical installation certificate to be issued for the work by a person competent to do so

new foundation stopped at min 150mm from outer edges of drain & bridged over with 2No. 65x100mm pc conc lintels to support the two 100mm walls

Provide background ventilation of min. 8,000 sq.mm by trickle vents in window

provide min. background ventilation of 1/20th floor area by means of trickle vent in window 8,000 sq. mm

Holding down straps to wall plate 30x5mm ms restraint straps 1m long @ max 1.8mtr ctrs

Provide mechanical ventilation to bathroom with min. 15 litres/sec extraction with 15 minute o/run

Wall cavity to be 85mm with stainless steel wall ties

Lintels over all new openings to be Catnic or similar

All brickwork below DPC to be in semi engineering brick with SR cement

Max U value for new windows 1.6 W/m2K

all bath, sink, shower wastes to be 38mm waste pipes with 38mm deep seal traps or 50mm waste pipes with 50mm traps where combined

provide rodding access in wate pipes at bends/changes of direction

bathrooms to have 4000mm2 background ventilation & extractor fan with 15 litres per second with 15 minute over run

Provide mechanical ventilation to kitchen area with min. 60 litres/sec extraction ducted to external air(30 l/s in cooker hood)

NO MEASUREMENTS TO BE SCALED FROM THE DRAWINGS AND ALL ACTUAL MEASUREMENTS TO BE CHECKED & AGREED WITH CONTRACTOR ON SITE AT THE TIME OF CONSTRUCTION

General Notes

	Drg. No. AYS/2805/A	
	Plg Rev A	**22/08/22**
No.	Revision/Issue	Date

Firm Name and Address

Middlesex & Herts

7 Elgin Drive
Northwood
Middlesex
HA6 2YR

01923 826280

Project Name and Address

Mr & Mrs Khan
25 Thames Drive
Ruislip
Middlesex
HA4 7AY

Project
loft conversion & two storey rear & s/s side extension

Date
14-06-22

Scale
1:50

Sheet
04A