

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.

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 100mm Jabolite insulation on 500 gauge polythene. (Void below floor to be made up with hardcore backfill)

FLAT ROOF; 50 x 175mm flat roof joists @ 400mm CRS and with 12.5mm t/b plasterboard & skim. Provide 18mm WBP ply & 125mm Kingspan roof decking on vapour barrier with GRP roof covering

1. RW to connect to ex surface water system if available or soakaway @ 5m away if no sw drain available (6m in clay soil) (100mm upvc u/ground drain @1:40 fall to soakawaymin. 1m x 1m x 1m deep with hardcore backfill for adequate rainage of rainwater, & top soil over)
2. Sink waste 40mm w/pipe with 75mm deep seal trap with rodding eye at bends/changes of direction
4. Energy efficient lighting to be provided in acc. with AD 'L'
3. D/glazed windows to achieve min U value of 1.4 W/m2K
5. All new drainage in 100mm upvc bedded in 150mm pea shingle all around, 1:40 fall
6. Cavities to be closed with an insulated cavity closer (i.e. Thermabate)
7. Use 150mm Jabolite floor insulation to achieve max. U value of 0.25W/m2K
8. All new glazing to comply with app. doc. 'L' with argon filled glazed units, 'K' glass
9. SR cement to be used for all work below ground level & below DPC
10. DPC to be lapped into existing DPC of house & kept at 150mm above adjacent ground level
11. Foundation depths in accordance with current Zurich guide with 50mm claymaster on inner face of foundation where depth in excess of 1.5m
12. Foundation concrete to be min 1:2:4 mix with S.R. cement
13. DPM to be lapped into DPC's
14. New cavity wall to be connected to existing with Furfix wall connector
15. New roof to connect to cavity wall with 30x5mm m.s. restraint straps @ max. 1.8 mtr ctrs fixed to wall plate
16. Waste connections to kitchen appliances 40mm waste pipes with 75mm deep seal traps & rodding access to be provided at bends/changes of direction

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

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

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

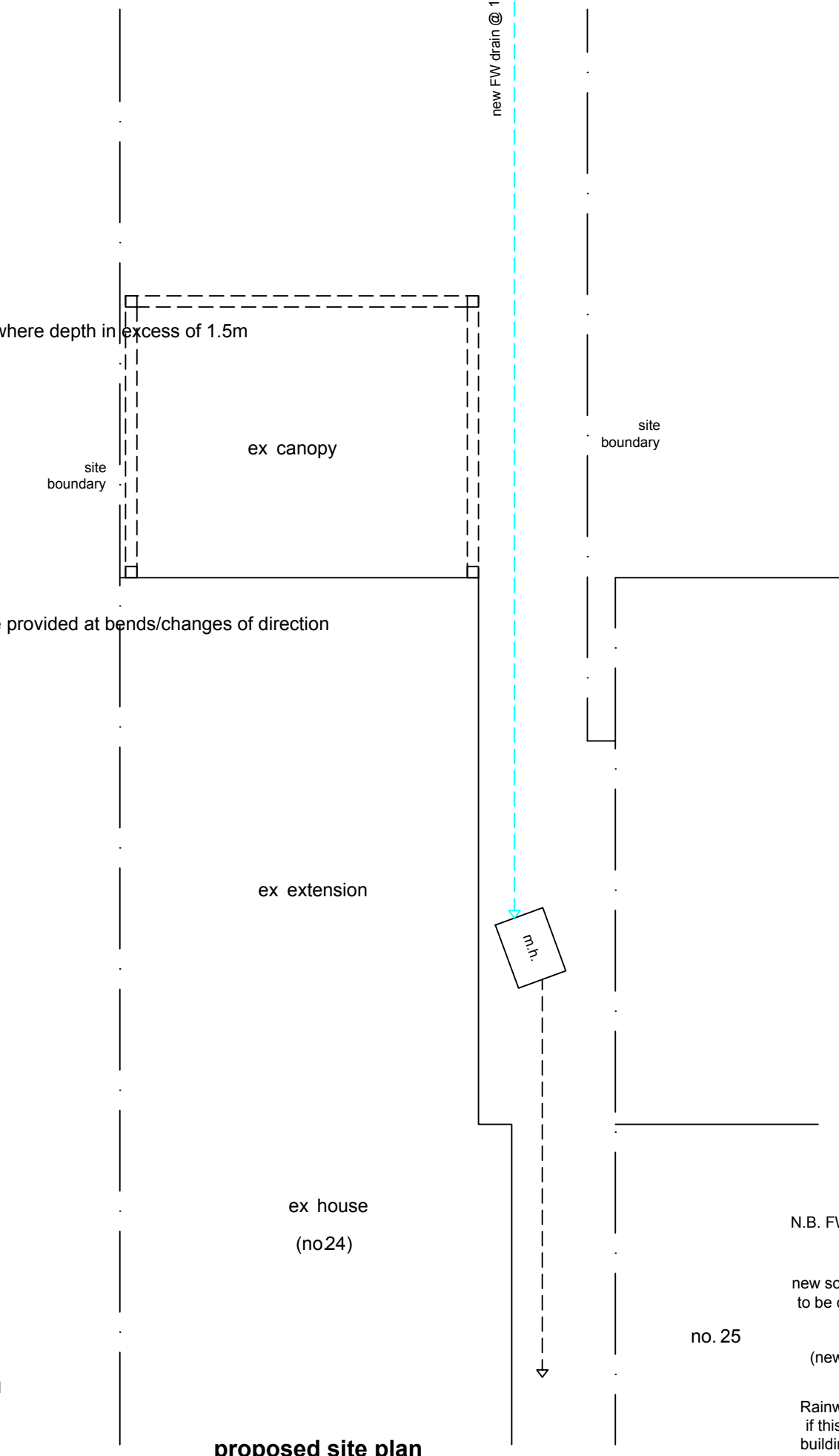
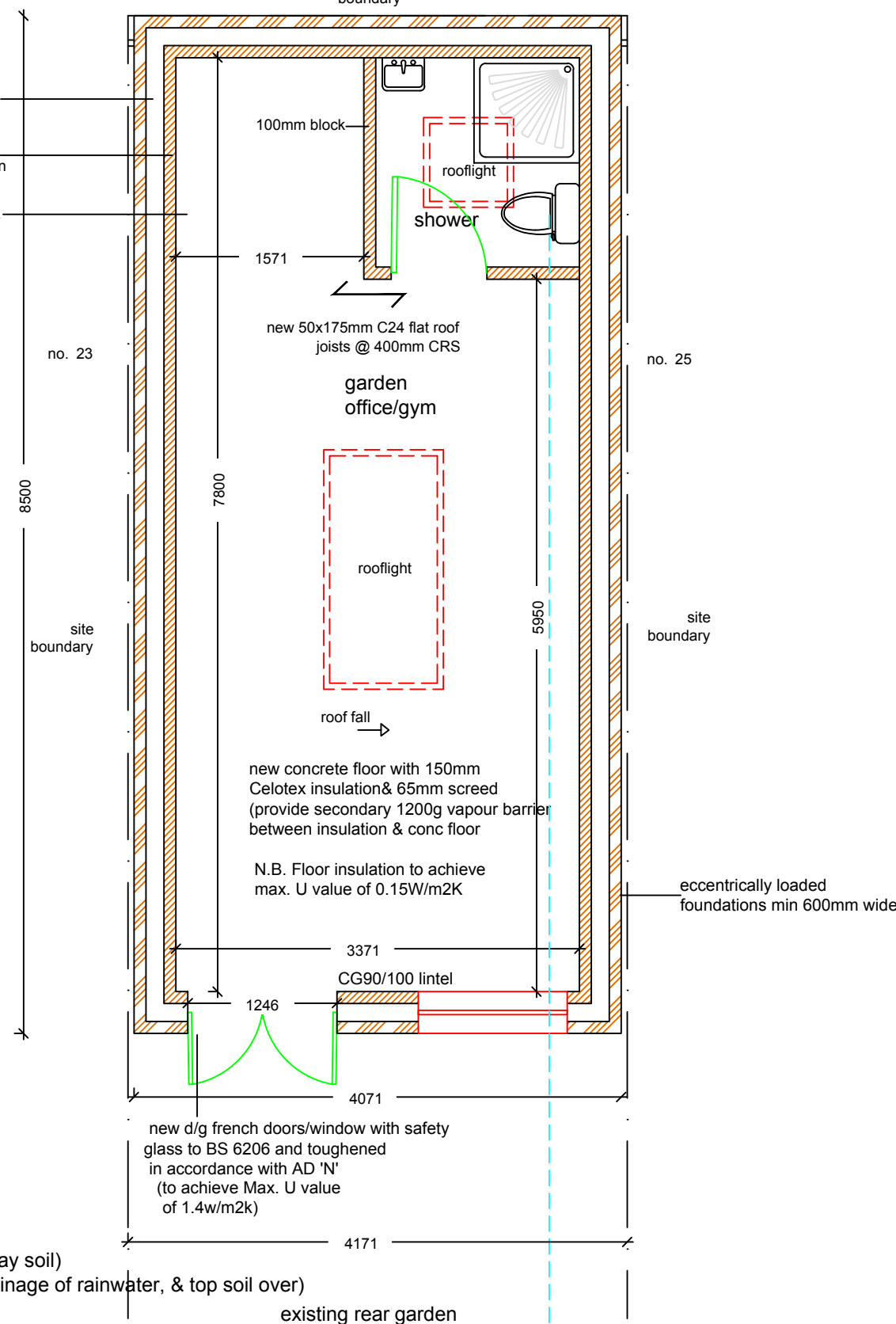
Max U value for new windows 1.4 W/m2K

All steelwork to be encased in 2 layers 12.5mm pl.b'd & 6mm skin for half hour fire protection

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

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 appropriate BS 7671 electrical installation certificate to be issued for the work by a person competent to do so



N.B. FW drain run to be checked & agreed with L.A. building inspector

new soakaway 1m3 for every 20m2 of roof area to be drained, therefore soakaway min 1m3

(new soakaway in acc with A.D. H)

Rainwater to drain into existing surface water system or into soak away if this is not possible. Soakaway to be min 1 cu mtr at min 5m away from building or 6m in clay soils

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

existing site plan

proposed site plan

General Notes

	Drg. No. RON/1706	
No.	Revision/Issue	Date

Firm Name and Address

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Project	rear detached building	Sheet
Date	03-07-23	01
Scale	1:50	