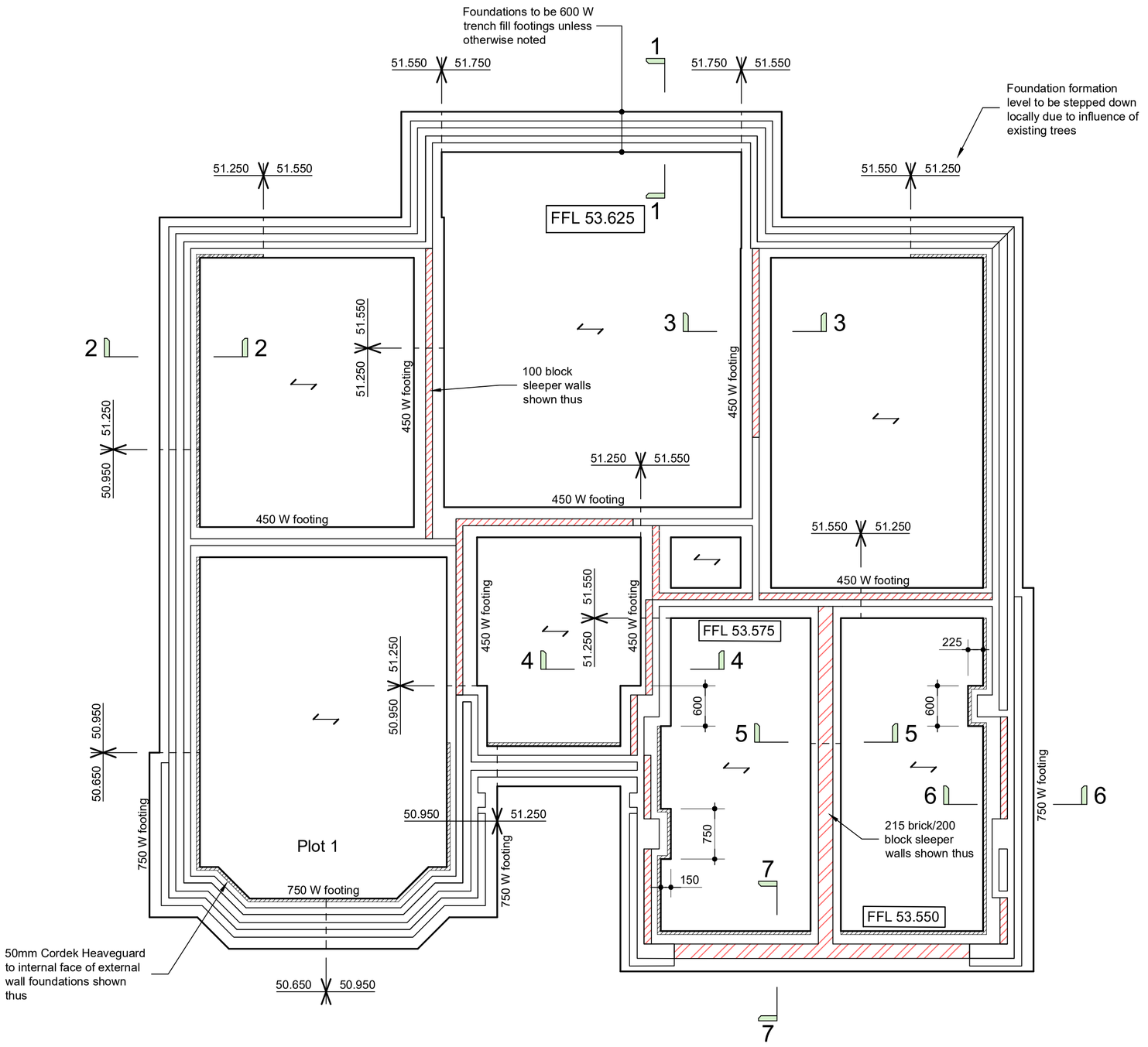
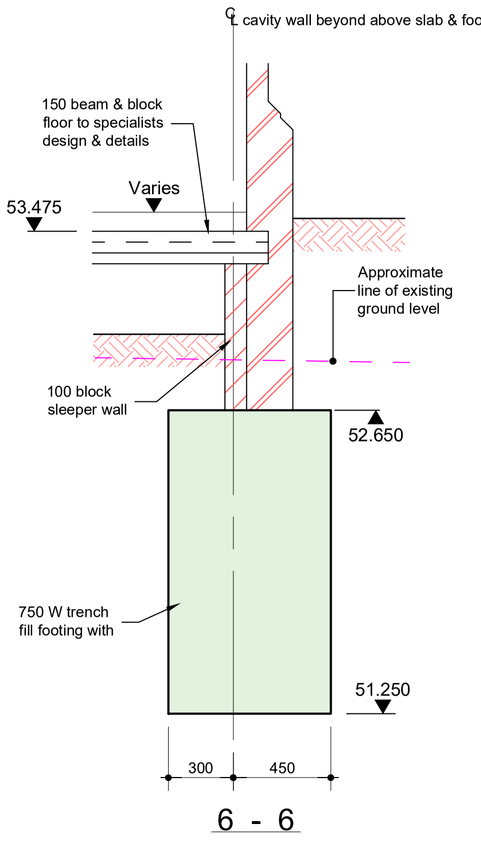
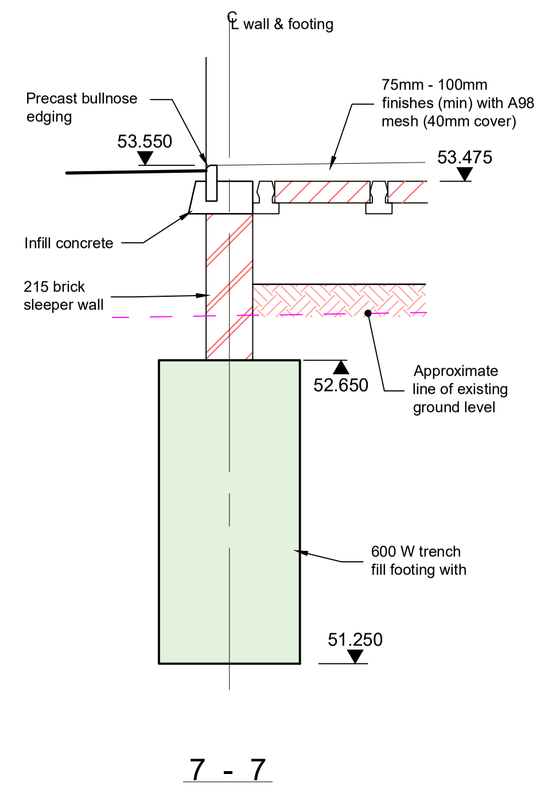


Ground Floor & Foundation Plan - House Type Richmond



6 - 6



7 - 7

All foundations to be centred on walls unless otherwise noted. For setting out of walls & foundations refer to architects drawings

NOTES.

1 This drawing to be read in conjunction with all relevant architects and engineers drawings and specifications.

2 All design, materials and workmanship shall be in accordance with the current Building Regulations and all relevant Codes of Practice and British Standards.

3 All dimensions, details, components and assemblies shall be verified by the contractor prior to construction, manufacture or supply.

4 Concrete Designated Mix Specifications To BS EN 206-1/BS 8500

Location	Grade	Max Agg (mm)
Foundations	Gen 3	20
RC Ground Beams	RC 28/35	20

5 Concrete Blinding to be Gen 1 mix.

6 Trench fill foundation formation shall be in a strata capable of withstanding a nett increase in bearing pressure of 110 kN/m^2.
This strata will be weald clay
Depth to be agreed on site by the engineer and building inspector.

7 Pile dia to be 350 (provisional). Final length of piles & diameters to be determined by piling contractor using appropriate factor of safety. Loads in table are unfactored loads.

8 All drainage live/redundant must be located by the contractor prior to commencement on site. The contractor is responsible for verifying by cctv processes that the drain layout as recorded, is accurate & shall monitor the process in respect of piles for unexpected losses of concrete.

9 Steps in foundations to be in accordance with the current building regulations & NHBC standards.

10 Where required pad foundations to be notched locally to accommodate RWP details shown on external works drawings.

11 Where suspended slab occurs vegetation to be stripped and surface of soil treated with weedkiller.

12 Precast floors to specialist design/detail. Calculations and drawings to be submitted to engineer prior to manufacture.

13 Minimum void under precast floor shall be 250mm.

14 Loadings:
Live Load - 1.5 kN/m^2
Partitions - 1.0 kN/m^2

15 For details of damp proofing refer to architects drawings.

16 Block movement joints normally provided where length of wall exceeds 6m & at short returns less than 900mm and brick movement joints normally provided where length of wall exceeds 12m & at short returns less than 900mm.

17 Mortar mixes- 1:1:6 above D.P.C and 1:¼:3 below D.P.C.

18 Admixes and/or Masonry cement will not be permitted unless authority is obtained from the engineer.

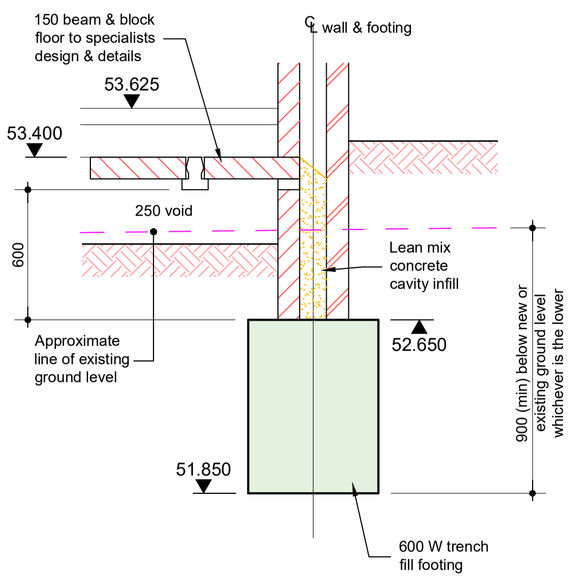
19 Walls below D.P.C. to be constructed in dense solid concrete blocks (min 7.3 N/mm) or Class B - Type F bricks. Max weight per block not to exceed 20kg using manual lifting.

20 Wall ties to be stainless steel: 900 centres horizontally (where cavity width is less than or equal to 75mm). 750 centres horizontally (where cavity width is more than 75mm) and 450 centres vertically (staggered). At reveals & movement joints ties to be 225 centres vertically. Vertical twist safety ties to be used where cavity is more than 75mm.

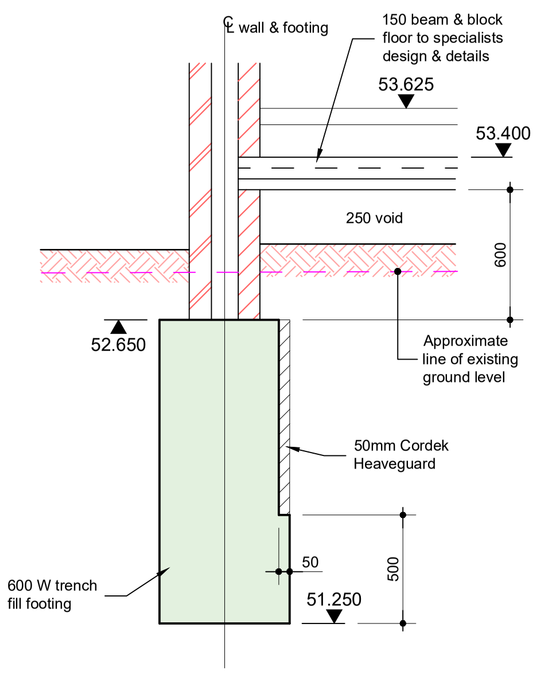
21 Any proprietary items, fixings or materials specified on the drawings should be installed, fixed or used in accordance with manufacturers instructions.

22 CDM Risks

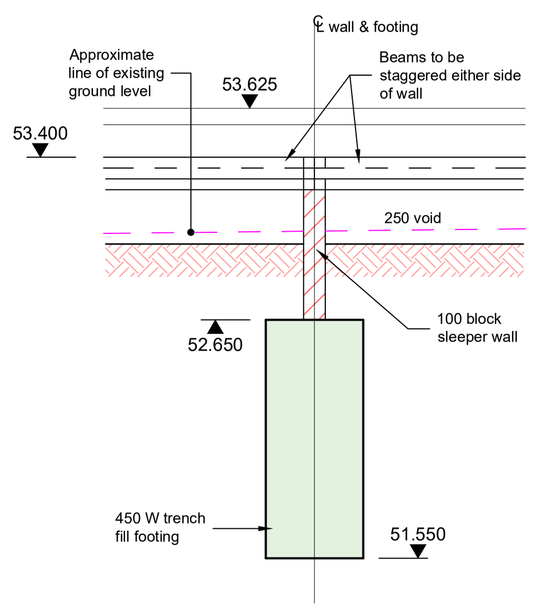
No Unusual Risks



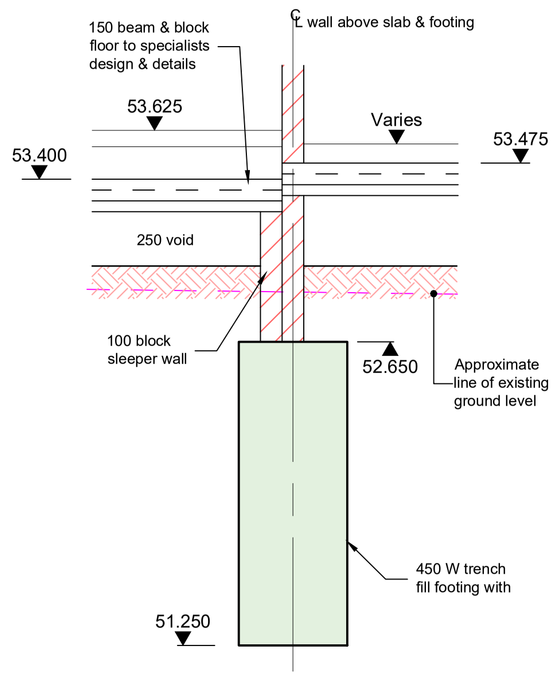
1 - 1



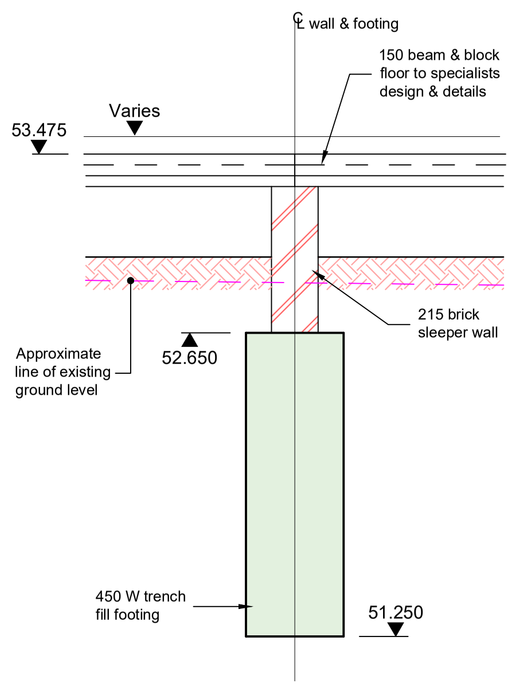
2 - 2



3 - 3



4 - 4



5 - 5

Symbols Legend

⟷	Indicates span of 150 beam & block floor to specialists design & details

REV	DESCRIPTION	CHECKED	DATE

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BARRATT DEVELOPMENTS PLC

PROJECT
Deerwood Park, Southwater
House Type Richmond
Ground Floor & Foundation Details - Plot 1

ARCHITECT
Woods Hardwick

DRAWN BY	CHECKED BY	DESIGNED BY
AT	BS	BS
SCALE @ A1	©DATE	STATUS
1:50 1:20	February 2026	Preliminary
JOB NO.	DRAWING NO.	REVISION
34578	HB421-315-01	