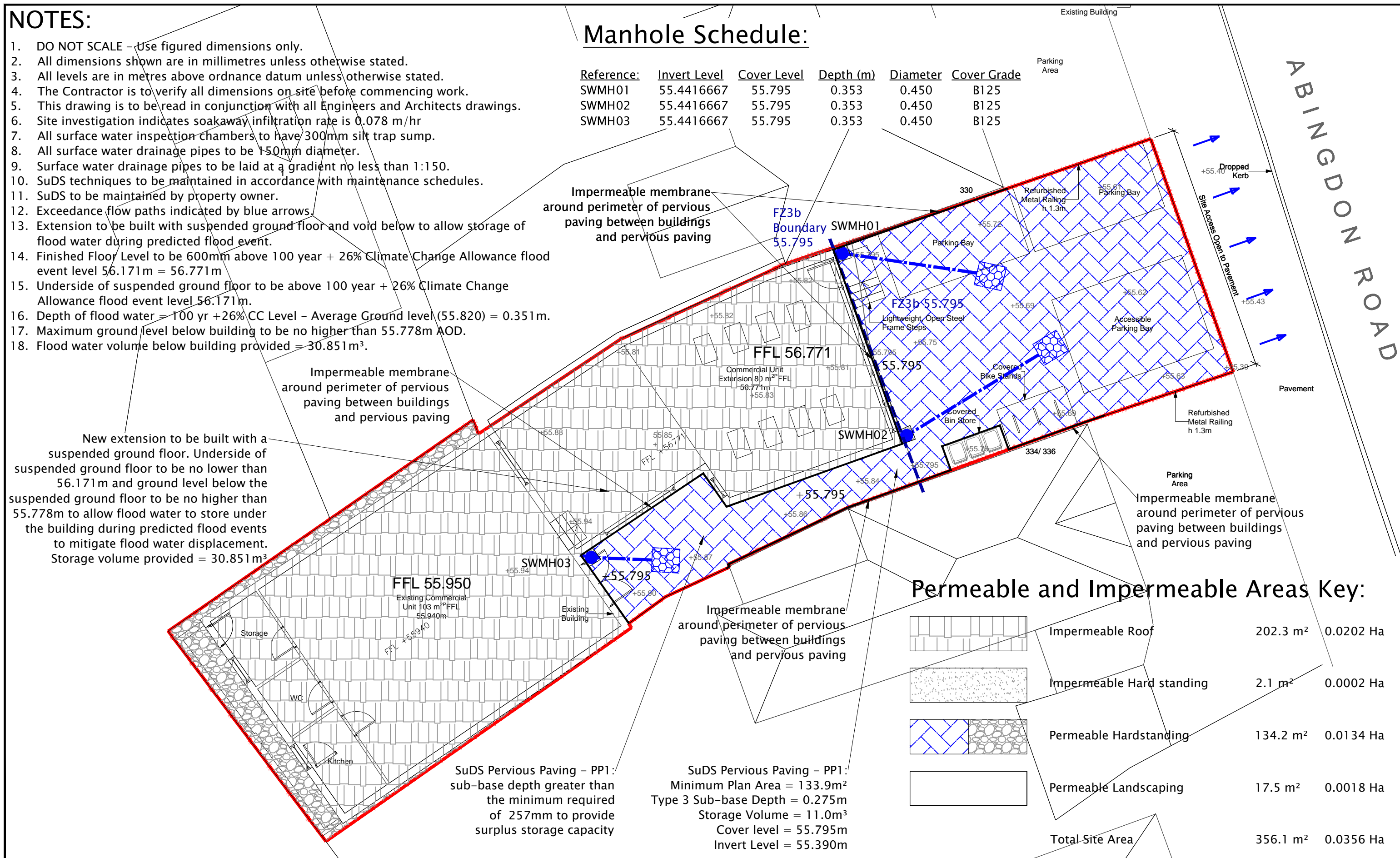


NOTES:

- DO NOT SCALE – Use figured dimensions only.
- All dimensions shown are in millimetres unless otherwise stated.
- All levels are in metres above ordnance datum unless otherwise stated.
- The Contractor is to verify all dimensions on site before commencing work.
- This drawing is to be read in conjunction with all Engineers and Architects drawings.
- Site investigation indicates soakaway infiltration rate is 0.078 m/hr
- All surface water inspection chambers to have 300mm silt trap sump.
- All surface water drainage pipes to be 150mm diameter.
- Surface water drainage pipes to be laid at a gradient no less than 1:150.
- SuDS techniques to be maintained in accordance with maintenance schedules.
- SuDS to be maintained by property owner.
- Exceedance flow paths indicated by blue arrows.
- Extension to be built with suspended ground floor and void below to allow storage of flood water during predicted flood event.
- Finished Floor Level to be 600mm above 100 year + 26% Climate Change Allowance flood event level 56.171m = 56.771m
- Underside of suspended ground floor to be above 100 year + 26% Climate Change Allowance flood event level 56.171m.
- Depth of flood water = 100 yr + 26% CC Level – Average Ground level (55.820) = 0.351m.
- Maximum ground level below building to be no higher than 55.778m AOD.
- Flood water volume below building provided = 30.851m³.

Manhole Schedule:

Reference:	Invert Level	Cover Level	Depth (m)	Diameter	Cover Grade
SWMH01	55.4416667	55.795	0.353	0.450	B125
SWMH02	55.4416667	55.795	0.353	0.450	B125
SWMH03	55.4416667	55.795	0.353	0.450	B125



Permeable and Impermeable Areas Key:

	Impermeable Roof	202.3 m ²	0.0202 Ha
	Impermeable Hard standing	2.1 m ²	0.0002 Ha
	Permeable Hardstanding	134.2 m ²	0.0134 Ha
	Permeable Landscaping	17.5 m ²	0.0018 Ha
Total Site Area		356.1 m²	0.0356 Ha

Client: Mr A Hassan	Project: 332 Abingdon Road, OX1 4TQ	Title: Proposed Site Layout and SuDS	Drawn by: DKP	Checked by: SLD	Size: A3	Forge Engineering Design Solutions Forge House 30 Digging Lane Fyfield, Abingdon Oxfordshire, OX13 5LY tel: 01865 362 780 info@f-eds.co.uk www.f-eds.co.uk
Project Ref: FEDS-222106			Date: 23.10.23	Scale: 1:125		
			Dwg.no: FEDS-222106-002	Rev: D		