



White Stork Road

- Key**
- ▶ Foul water pipe showing flow direction
 - FMH00 Foul water manhole & number
 - ⊕ FIC00 Foul water inspection chamber & number
 - ▶ Surface water pipe showing flow direction
 - ⊕ SMH00 Surface water manhole & number
 - ⊕ SIC00 Surface water inspection chamber & number
 - Road Gully

- Notes**
- Contractor to undertake CCTV of existing foul sewer prior to commencing works on site and invert level TBC.
 - Surface water discharge to be agreed with local authority prior to connection.
 - Catch pits to be installed to all chambers/manholes prior to discharge to attenuation chamber.
 - Any drainage run through RPA to be agreed with tree officer prior to commencing installation.
 - Manhole and interception cover level to be confirmed.
 - For Aco drain to entrance/door threshold use Aco RainDrain Brickslot B 125 or similar approved with heel protector.
 - For the gully to bin store use 150x150 square gully with metal cover.
 - Infiltration testing to BRE365 to be undertaken at each soakaway location to verify discharge rates and design updated accordingly.

DO NOT SCALE FROM THIS DRAWING

GENERAL

- These notes are intended to augment drawings and specifications. Where conflict of requirements exists the order of precedence shall be as shown in the specifications. Otherwise the strictest provision shall govern.
- This drawing is to be read in conjunction with all other relevant Engineers and Architects drawings
- Drawings not to be scaled. All dimensions to be checked on site by the Contractor prior to the commencement of any work or shop drawing. Any discrepancies to be notified to the Architect & Engineer and further instructions obtained before work is commenced.

DRAINAGE NOTES

- Invert of foul and surface water inspection chambers to be min 600mm below FFL
- Covers HD in road, MD in paths and landscaped areas.
- All branches from stacks 100mm Ø.
- All inspection chambers 450mm Ø with 450mm covers.
- Manholes generally to be 1200x750 or 1050 Ø with 600x600 or 600 Ø covers except manholes between 1.5 & 2.7m deep which are to be minimum 1200mm Ø.
- Ground floor ensuite shower and bath connections made below floor into nearest run min. 200mm downstream using 135 branch pipe. Trap to be demountable for rodding.
- RWP to discharge into roddable access gullies compatible 8. Gullies in hardstanding to be Hepworth semi-universal-square top (200m² capacity).
- Ensure trap is fitted on laundry installation (separate connection).
- Drain runs in the car park area to be surrounded in minimum 150mm pea gravel giving class s bedding factor 2.5.
- All soil stacks to be vented - those marked SVP are taken through the roof and vented to air, all other to be fitted with Agreement Certified Air Admittance Valves.
- Invert levels, pipe diameters, gradients, and connection points associated with petrol interceptors, storage and infiltration areas to be specified by Subcontractor.
- Rocker pipes are to be fitted at each side of any pipes penetrating walls or relieving intells are to be provided.
- See project specification for further information.
- 1500 drains assume 1:150 unless stated
- 1000 drains assume 1:80 unless stated
- Kitchen wastes connected to above floor grease trap and then into soil stack
- Where manhole/inspection chamber covers are located in paved or block paved areas, then covers need to be recessed to accept paving type.

DRAWING REVISIONS				
REV	DESCRIPTION	DATE	BY	CHK
A	Drainage below trees updated	17-02-26	SS	GB
B	Updated to suit latest site plan	18-02-26	SS	GB

AFA Consulting Engineers Ltd
2a Acornb Court,
Front St,
Acornb,
York
YO24 3BU
admin@afa-eng.co.uk

CLIENT	
Halbourne Group	

PROJECT	
Care Home Development, Boorley Gardens, Botley, Hedge End,	

DRAWING TITLE	
Drainage Layout	

DRAWING STATUS		
FOR COMMENT		
SCALE	DATE	
1:200 @ A1	Oct 2025	
DRAWN BY	CHECKED BY	
JF	GB	
JOB NO.	DWG NO.	REV
0044	SL(6)600	B