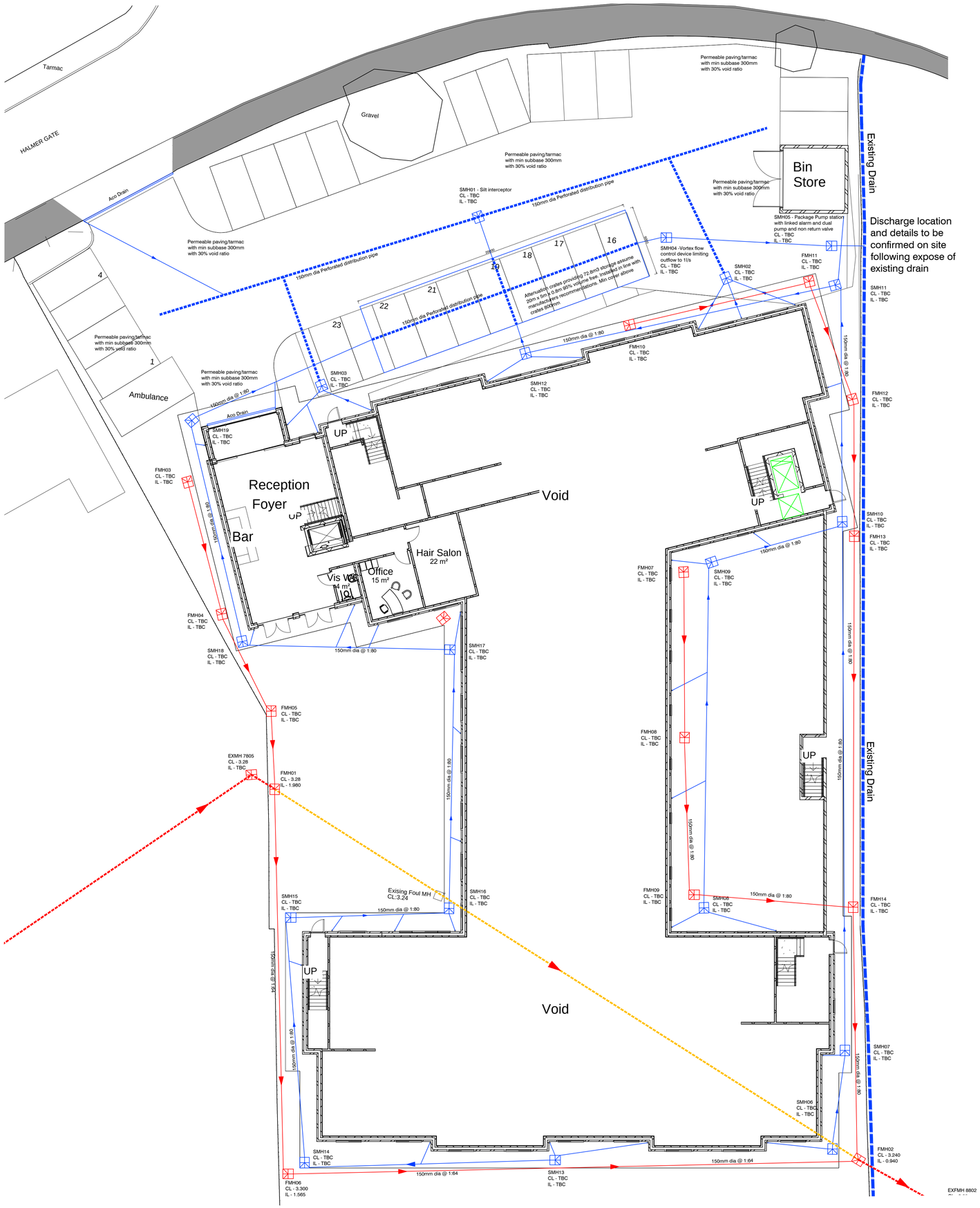


Key

- 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
- Existing Foul drain retained
- Existing Foul Drain diverted

Notes

- Silt interceptor to be installed at SHM01 - as shown
- Attenuation to be installed in line with manufactures recommendations. Access points provided as per manufacturers recommendations.
- Surface water discharge to be agreed with local authority prior to connection.
- Manhole and interception cover level to be confirmed.
- For road Aco drains use Aco CivicDrain or similar approved
- 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.
- Foul connection Point at Brookside road TBC on Site with the existing IL.
- Vortex flow control device with outflow limited to 1l/s at SMH04
- Package pump station installed at SMH05 with dual pump and linked alarm

Spalding - Maintenance Schedule

Item	Visual Inspection	Cleanse / De-sludge	CCTV Survey	Responsibility	Comments
Surface Water Drainage System (pipework, chambers etc.)	1 years	10 years	10 years	Building Owner	Cleansing to be carried as necessary
Gullies / Channels / Rainwater Stacks	Monthly	1 years	N/A	Building Owner	Cleansing to be carried as necessary
Petrol interceptor: Camber and Alarm	Monthly	1 years	N/A	Building Owner	Maintenance in accordance with manufacturer's instructions
Attenuation Unit	1 years		5 years	Building Owner	Cleansing to be carried as necessary in line with manufacturers recommendations
Vortex Flow Control	Monthly	1 years	N/A	Building Owner	Cleansing to be carried as necessary
Permeable Tarmac Paving	1 years	Swept' clean of debris every 2 years	N/A	Building Owner	Jetwash or suction road sweep permeable tarmac as performance levels reduce
Permeable Block Paving	1 years	Swept' clean of debris every 2 years	N/A	Building Owner	Lift blocks and removed sand bedding and replace and re-bed paving- refer to individual manuafcturers recommendations.

DO NOT SCALE FROM THIS DRAWING

GENERAL

1. 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.
2. This drawing is to be read in conjunction with all other relevant Engineers and Architects drawings,
3. 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

1. Invert of foul and surface water inspection chambers to be min 600mm below FFL
2. Covers HD in road, MD in paths and landscaped areas.
3. All branches from stacks 100mm Ø.
4. All inspection chambers 450mm Ø with 450mm covers.
5. 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.
6. Ground floor ensuite shower and bath connections made below floor into nearest run min. 2000mm downstream using 135 branch pipe. Trap to be demountable for rodding.
7. RWP to discharge into roddable access gullies compatible
8. Gullies in hardstanding to be Hepworth semi-universal-square top (200m² capacity).
9. Ensure trap is fitted on laundry installation (separate connection).
10. Drain runs in the car park area to be surrounded in minimum 150mm pea gravel giving class s bedding factor 2.5.
11. All soil stacks to be vented - those marked SVP are taken through the roof and vented to air , all other to be fitted with Agrement Certified Air Admittance Valves.
12. Invert levels, pipe diameters, gradients, and connection points associated with petrol interceptors, storage and infiltration areas to be specified by Subcontractor.
13. Rocker pipes are to be fitted at each side of any pipes penetrating walls or relieving lintels are to be provided.
14. See project specification for further information.
15. 150Ø drains assume 1:150 unless stated
16. 100Ø drains assume 1:80 unless stated
17. Kitchen wastes connected to above floor grease trap and then into soil stack.
18. 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

WA CONSULTING ENGINEERS

Ward Associates (Consulting Engineers) Ltd
Ground Floor
Cyclops House
Link Business Park
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01904 544 401

www.wardac.co.uk

CLIENT

Life Property Construction Ltd for Glenholme

PROJECT

Proposed Care Home on the former Birds PH Site, Spalding

DRAWING TITLE

Drainage Layout

DRAWING STATUS

FOR COMMENT

SCALE	DATE	
1:200 @ A1	Dec 2018	
DRAWN BY	CHECKED BY	
GB	GB	
JOB NO.	DWG NO.	REV
2642	SL(5)500	-