

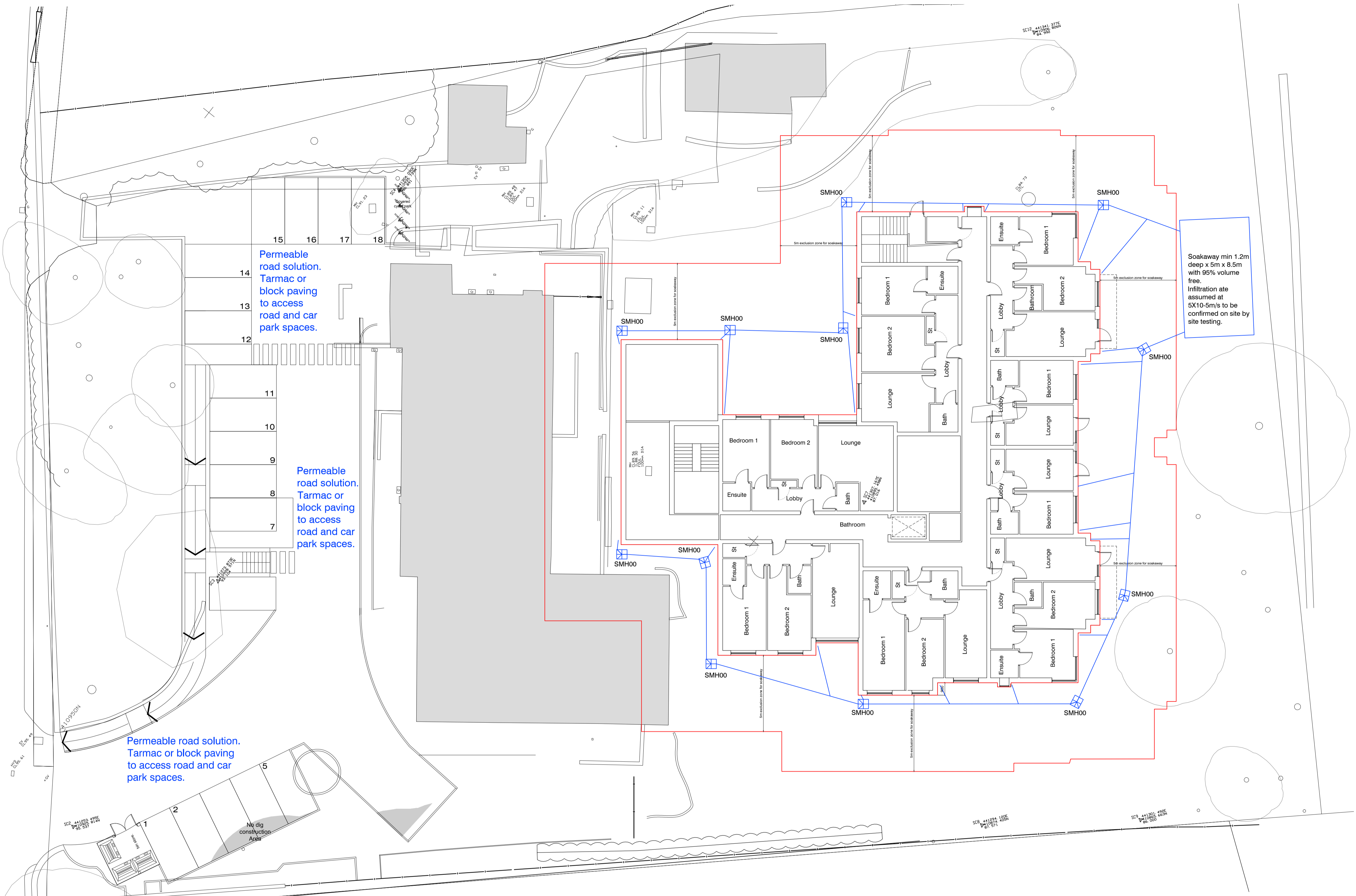
GENERAL

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 Agreement 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.

COMMON ROAD



Permeable road solution. Tarmac or block paving to access road and car park spaces.

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Rev	Date	Details	By

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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

- Notes
- Contractor to undertake CCTV survey of all existing drainage systems prior to commencing site works to determine condition, routes, etc.
 - Invert levels to existing surface and foul water to be confirmed on site prior to commencing drainage installation.
 - Surface water discharge to be agreed with local authority prior to connection.
 - Infiltration tests to be undertaken on site to confirm infiltration rate. Design assumes 5x10-5m/s.
 - Soakaway installed minimum 5m away from building foundation.
 - Drainage runs through RPA to be agreed with tree officer prior to commencing installation.
 - Manhole and interception cover level to be confirmed.
 - Access road and car parking bays to be constructed in permeable solution.

PRELIMINARY

Client
FLAGSWAN TWO

Project
Care Home Redevelopment
Bollingbroke House, Common Road, Brierley

Drawing Title
Drainage Plan

Scale
1:150 @ A1

Date
July 2016

Drawn by
GB

Checked by
GB

Job No.
2208

Drawing No.
SL(5)500

Rev.
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