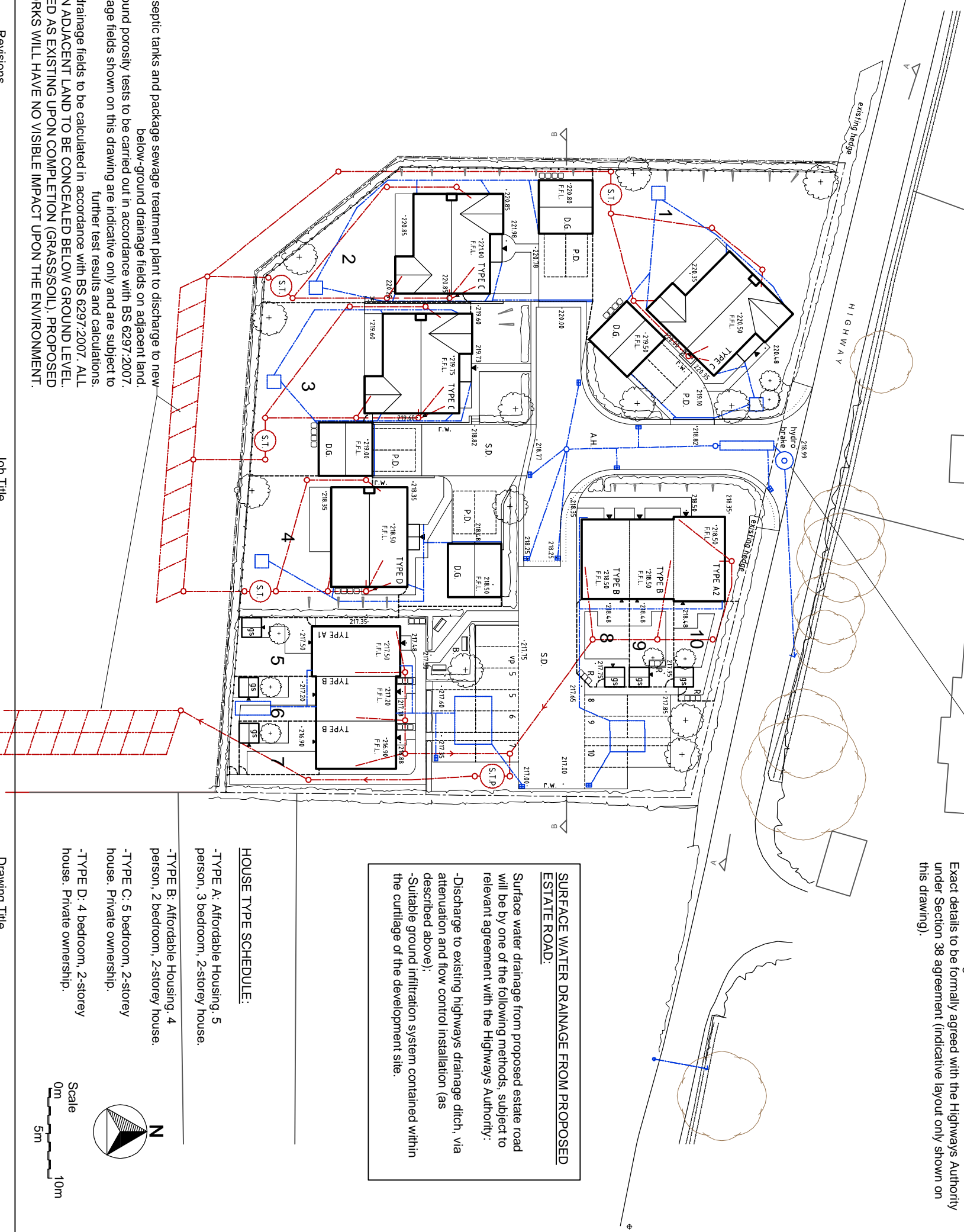


Groes Faens

Holly Tree House

Surface water drainage from proposed estate road (where adopted by Local Highway Authority) to discharge to existing highways drainage ditch, via an attenuation & flow control installation. Provisionally, the system will comprise a 'Hydro-Brake' flow control, with appropriate attenuation chamber (located beneath the estate road) which will control the rate of flow into the drainage ditch.
Exact details to be formally agreed with the Highways Authority under Section 38 agreement (indicative layout only shown on this drawing).

- key:
- Foul drainage pipe (un-perforated)
 - Foul drainage - treated effluent dispersal pipe (perforated)
 - Foul Inspection chamber
 - (S.T) Foul Septic tank
 - (S.T.P) Foul Package sewage treatment plant
 - Surface Water drainage pipe
 - Surface Water inspection chamber
 - ⊞ Surface Water road gully
 - Surface Water soakaway
 - Surface Water channel drain

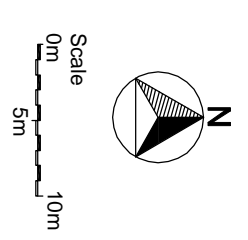


SURFACE WATER DRAINAGE FROM PROPOSED ESTATE ROAD:
Surface water drainage from proposed estate road will be by one of the following methods, subject to relevant agreement with the Highways Authority:

- Discharge to existing highways drainage ditch, via attenuation and flow control installation (as described above);
- Suitable ground infiltration system contained within the curtilage of the development site.

HOUSE TYPE SCHEDULE:

- TYPE A: Affordable Housing, 5 person, 3 bedroom, 2-storey house.
- TYPE B: Affordable Housing, 4 person, 2 bedroom, 2-storey house.
- TYPE C: 5 bedroom, 2-storey house. Private ownership.
- TYPE D: 4 bedroom, 2-storey house. Private ownership.



Treated foul effluent from septic tanks and package sewage treatment plant to discharge to new below-ground drainage fields on adjacent land.
Ground porosity tests to be carried out in accordance with BS 6297:2007.
Type, size and location of drainage fields shown on this drawing are indicative only and are subject to further test results and calculations.
Specification and size of drainage fields to be calculated in accordance with BS 6297:2007. ALL DRAINAGE WORKS ON ADJACENT LAND TO BE CONCEALED BELOW GROUND LEVEL.
SURFACES TO BE REINSTATED AS EXISTING UPON COMPLETION (GRASS/SOIL). PROPOSED DRAINAGE WORKS WILL HAVE NO VISIBLE IMPACT UPON THE ENVIRONMENT.

Revisions

- A (28/10/2015): Site layout amended, swales added; levels adjusted to plots 5-10 and parking area
- B (15/06/16): AH sizes reduced; site levels adjusted; upper swale removed; alternative highway drainage route added
- C (15/07/2016): swale removed; sw drainage from estate road revised; indicative flow control arrangement added; note added re. estate road sw drainage options.

Job Title

**LAND AT SW PENALLT, MONMOUTH
LAND ALLOCATION SAH11 (xii)
Proposed Residential Development**

Drawing Title

Drainage Layout Plan as Proposed

Date	Scale
27/04/2015	1:500@A3

PAUL THORNTON BUILDING DESIGN LTD

85 Park Road Berry Hill Coleford Gloucestershire GL16 7AG
Tel/Fax: 01594 832300 E-Mail: info@pbuildingdesign.co.uk

NOTES: do not scale from this drawing - check dimensions before use & notify the designer of any discrepancies immediately - © copyright belongs to the designer

Drawing Number
PG/14

Rev.
C