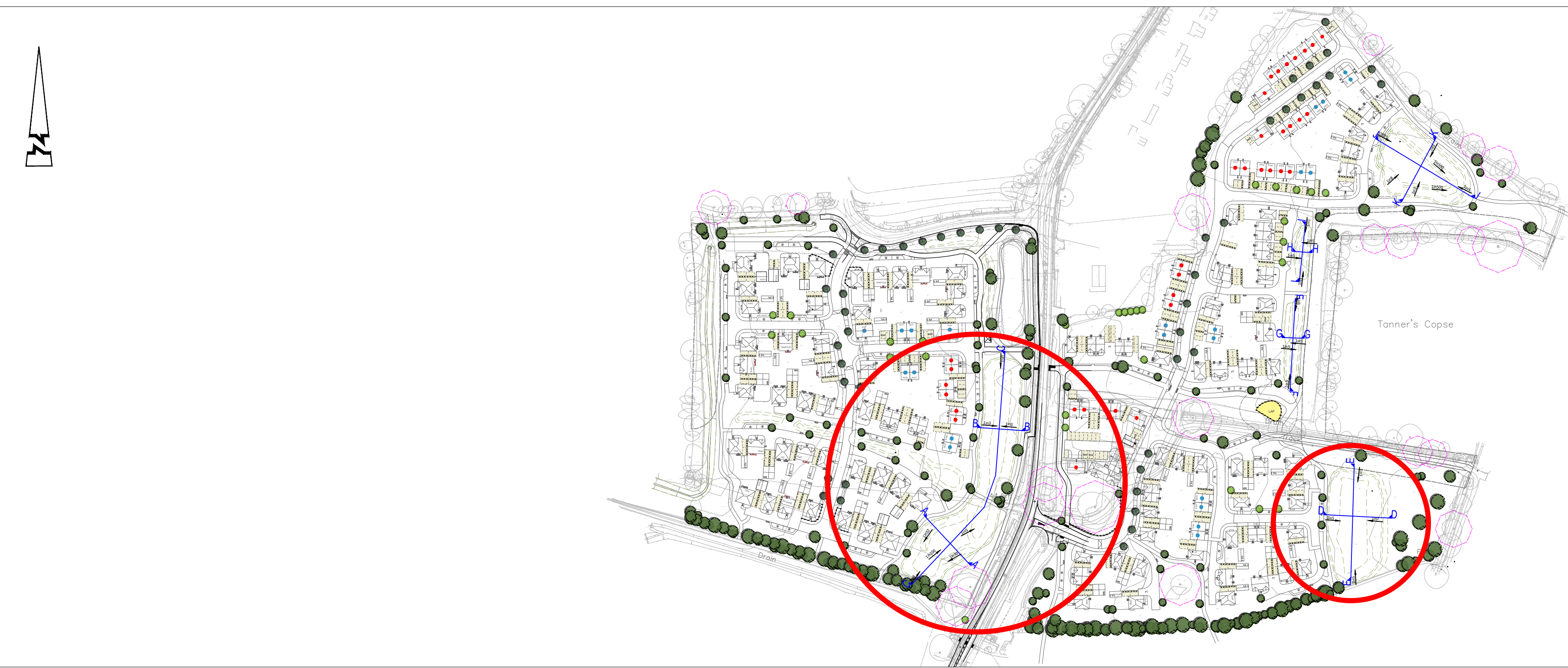


Vertical Exaggeration: 1													
Datum: 41.000M AOD													
EXISTING CHAINAGE (m)			0.000		7.364	9.958	14.101		20.827	22.869	31.713	37.519	41.528
EXISTING LEVELS (m)			42.519		42.381	42.349	42.296		42.218	42.178	42.023	41.955	41.903
EARTHWORK LEVELS (m)			42.588 42.655		42.655 41.578		42.296		41.574 41.572		42.256 42.855 41.933		

Vertical Exaggeration: 1	
Datum: 41.000M AOD	
EXISTING CHAINAGE (m)	
EXISTING LEVELS (m)	42.479 0.000 8.761 21.388 25.532 40.630 44.699 54.740 57.646 65.326 67.953 71.101
EARTHWORK LEVELS (m)	42.355 42.370 41.989 41.961 41.693 41.655 41.633 41.624 41.624 41.621 41.618 41.615 41.610 41.607 41.604 41.598 41.593 41.589 41.587 41.587 41.584 41.581 41.580 41.579 41.576 41.570 41.564 41.561 41.558 41.555 41.553 41.551 41.549 41.547 41.534 41.532 42.355 42.355 42.355 42.304

[illegible]

Vertical Exaggeration: 1 Datum: 41.000M AOD								
EXISTING CHAINAGE (m)	0.000	5.265	12.258	16.686	21.840	27.127	28.795	29.918
EXISTING LEVELS (m)	44.808	44.796	44.879	44.917	45.003	45.064	45.118	45.107
EARTHWORK LEVELS (m)	45.201	45.201	43.069	43.036	42.997	45.201	45.201	

[illegible]

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ENGINEERING NOTES:

- Do not scale.
- The drawing is to be read in conjunction with and checked against all other drawings, Engineering details, Specification and any structural, electrical or other specialist documents provided.
- The proposed works on this drawing could impact on existing service/utility undertakers apparatus, therefore the Contractor should check the position of existing services on site prior to starting work.
- Tearing (%) height shows indicates maximum level difference between finished floor level and external ground level.
- Rising wall (RW) height shown indicates the maximum level difference between two ground levels either side of wall.
- Underdrain (UD) height shown indicates the maximum height of exposed brick 150mm below FFL.
- Any anomaly or contradiction between any of the above is to be reported to the Engineer.

DRAINAGE NOTES:

- Do not scale.
- Refer to all other Project Drawings and supporting notes.
- All adaptable drainage works to be constructed as detailed in Design and Construction Guidance or as stipulated in the Water Authorities Adoptions.
- All public sewers are to be the subject of a Section 104 agreement of the Water Industry Act 1992.
- Invert levels of existing manholes and sewers are to be confirmed by survey before construction commences and results reported to engineer.
- The Contractor is responsible for maintaining continuity of flow for all existing sewers within the site boundary and limit of works for the duration of the project.
- All drainage networks to comply with BS EN124, and be stamped with BSI Kitemark. Covers to suit loading as below:
 - Carriageways and Pavements - C250
 - Gardens and Alleys - C100
 - All sewer pipes up to and including 600mm diameter to be PVC-U to BS EN1847. All sewer pipes greater than 600mm diameter to be concrete pipes to BS EN1515.
 All drains less than 1200mm of cover shall be encased in concrete and surrounded with associated movement joints. Drainage bed beneath paths, footways and pedestrian areas which has 600mm of cover shall be similarly treated.
- The use of precast concrete products made with sulphate resisting cement to manufacture, unless a laboratory report proves such procedures are not necessary.
- All gully connections to use a minimum diameter pipe of 150mm and to be surmounted by a minimum of 150mm of grade C25/30 concrete over full length (which should not exceed 15m) and in connection to the carrier system.
- All sewers to be abandoned must be surveyed to identify any lateral connections that are still live with any found to be reported to the Engineer.
- All latrines to be 150mm laid at 1:100 (Slope of 1.80 H:V) unless otherwise stated.
- All private drains to be 100mm diameter unless otherwise stated.
- All foul and storm water drains which are not to be adopted as public sewers shall be in accordance with Document 6 of the Building Regulations, together with HBNC Standards Chapter 3 (S and R303).
- Where pipes pass through foundations, retaining or screen walls, Inters to provide oval covers.
- Where inters are less than 4.0m deep inspection chambers (min dia. 100mm) of access (fits 125x150 x 100mm) to be used, elsewhere proprietary plastic (SDR or PVC) is to be used and sloped in accordance with Table 11.1 Documents H of the Building Regulations (Slopes to invert min D1000, 30° to invert min DN475).
- All gullies connected direct to drains to be roadable.
- Adequate precautions in accordance with Approved Document H and manufacturer's recommendations to be taken to protect drains (particularly plants!) at shallow depths.
- Trees and shrubs of a large size or heavy canopy with a moderate or high water demand must not be planted within any sewer vertically.
- Where required by design root barrier of an approved type to be installed vertically along the back edge/bank of all areas of footways/footpaths to protect from both proposed and future plantation.
- First foul water ICs to be 750mm below FFL, unless noted otherwise.
- Surface water ICs to be laid 600mm below external level, unless noted otherwise.
- Ridding steps to be laid 500mm below external level, unless noted otherwise.

Rev	Date	Description	Drawn	Checked
A-20-00	First Issue		DS	DS

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Cover

BLOOR HOMES

Address	Project Name	Revision
HYTE END ROAD, SHINFIELD	FULL APPLICATION BASIN CROSS SECTIONS SHEET 1	VARIOUS @ A0

Status	Date	Drawn	Checkd	Revised
AS	02/26	DS	DS	DS

HDOGR-FA-061