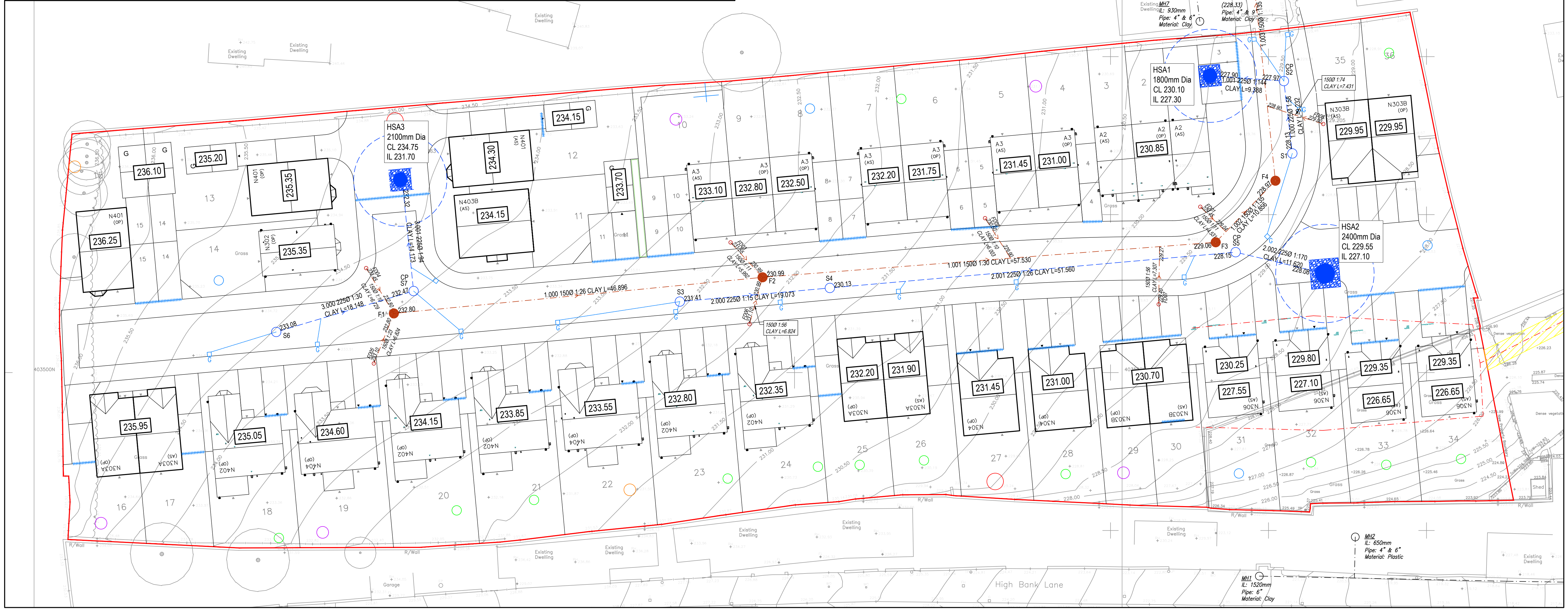




NOTES

1. All pipes to be either vitrified clay in accordance with BS EN 295, and having a crushing strength of 40kN/m, or class 120 concrete (54kN/m min) to BS 5911, bedded on a class B granular bed and haunch, or Cema Wavin Ultra-Rib uPVC or similar bedded on a class S granular bed and surround. Where pipes are in the public highway they are to be bedded on a class S granular bed and surround.

2. If the cover to the pipe is less than 600mm a class Z concrete bed and surround must be used.

3. All trenches in roads, paved areas and below slabs shall be backfilled with Type 1 or Type 2 DOT granular sub-base material.

4. All pipes to be laid soffit to soffit at manholes unless noted otherwise.

5. All in situ concrete to be designated mix FND2 conforming to BS 8500-2 unless agreed otherwise.

6. All private drainage to be 100mm diameter unless otherwise stated.

7. Minimum gradients:
Foul Water 1/80,
Storm Water 1/100

8. All surface water connecting pipes to be 150mm diameter minimum and all foul water connecting pipes to be 150mm diameter minimum to adoptable drains.

9. All rainwater pipes must be fitted with a roddable access above ground.

10. All private drainage to be installed in accordance with Part H of the Building Regulations and BS EN 752 & 12056.

11. Refer to manufacturers instructions for installation details

12. Where a B125 cover and frame has been approved, this **must not** be coated in plastic and must have lifting eyes suitably sized to accommodate standard lifting keys. Screw down covers are not acceptable.

NOTE:

ADDITIONAL CHAMBERS & INSPECTION POINTS MAY BE REQUIRED TO SUIT MANUFACTURERS DETAILS AND/OR CONTRACTORS PREFERRED METHOD OF WORKING. SHOULD THE DESIGN ALTER SIGNIFICANTLY, CONTACT SHOULD BE MADE WITH THE ENGINEER.

SILT TRAP CHAMBERS TO BE INSTALLED FOR THE LAST CHAMBER PRIOR TO THE SOAKAWAY. INVERT LEVEL OF SILT TRAP CHAMBERS SHOWN ON LAYOUT TO BE INVERT LEVEL OF PIPE **NOT** BASE OF SUMP.

WHEN INSTALLING SOAKAWAYS REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS

MINIMUM COVER DEPENDENT ON PRODUCT USED. SPECIAL CONSIDERATION MUST BE GIVEN TO SOAKAWAYS WITHIN TRAFFICKED AREAS. PLEASE REFER TO MANUFACTURER'S DESIGN GUIDE.

SOAKAWAY LINING TO BE PERMEABLE

REV	DESCRIPTION	SIG	CHK	DATE
A	First Issue.			
B	Updated to suit S104 comments rec'd 30.03.20 (H reference number added, F3 and F4 amended.)	GH	CH	15.04.20
C	Updated to suit latest planning layout.	CH	PR	16.07.20

NEWETT HOMES

NEW SMITHY AVENUE,
THURLSTONE

PLOT DRAINAGE

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E&P

SCALE WHEN PLOTTED AT 1:250

DRAWING STATUS
PRELIMINARY

DRAWN	CHECKED	DATE	DRAWING NUMBER	REV
BJM	CH	21.02.20	43733/023	C