NOTES:

1. Do not scale from this drawing.
2. All dimensions in metres and all levels relate to Ordnance Datum.
3. This drawing is to be read in conjunction with all other engineering drawings. Any discrepancies shall be reported to MJA Consulting Engineer's.
4. The level and location of all existing services shall be verified on site by the Contractor before commencing any construction work.
5. Construction of the foul sewers shall be in accordance with the document 'Sewers for Adoption' 6th Edition, Interim Technical Addendum No 1. (ITA1) published May 2011, together with relevant Water Authority requirements.
6. All foul sewer adoptable works to be inspected and tested by the Water Authority Inspector.
7. Foul Drains serving two properties or more where adopted by the Water Authority shall be constructed in accordance to the "Sewers for Adoption Technical Addendum".
8. Adoptable foul pipework specification: DN150 – DN300 shall be either clay or approved Structured Wall Plastic, pipe sizes greater than DN300 shall be Class 120 Concrete. Structured Wall Plastic pipes must be to SN8 specification, meet a jetting resistance of 4000psi and have a maximum of 6% deformation.

KEY:

Proposed Adoptable Sewers:

- Foul sewer
- Storm sewer
- Highway Gully

Proposed Private Drainage:

- Foul drain
- Storm drain
- Rodding eye
- Yard gully
- Aco drain (ACO DRAIN)

All private inspection chambers shall be polypropylene non–access chambers in accordance with The Building Regulations, Part H.

Chamber sizes:
Depth to invert <0.6m DN300
Depth to invert >0.6m DN475

Invert levels shown thus: F10.00 S10.00

Finished floor levels shown thus: FFL 10.00

- Fall Arrows
- Proposed Levels xxx.xxx
- Primary Access
- Secondary Access

BARNHAM ROAD
Wentbridge
Wilton
The Willows
1
1a
2
10.5m
10.6m
71
70
154
107
76
79
32
58
42
65
51
ELM GROVE SOUTH
Path (um)
ub Sta
GRASSCRETE SURFACE
Anua Platinum 221000 Sewage Treatment Plant Cover level 9.830m
Discharge IL 8.670m
Low Flow Channel
Spillway
CPM Group Hydrobrake Control Chamber CL 9.390 IL 8.390 Max discharge 8.1 l/s Hydrobrake Spec: SH–13–3512–0001–A
HW1 CL 9.650 IL 8.650
HW2 9.82 8.87
HW3 CL IL 8.470
HW4 CL IL 8.300
FWO1 CL 10.250 IL 9.693
FWO2 CL 9.770 IL 8.373
FWO3 CL 9.790 IL 8.334
LD1 10.00 9.000
LD2 10.20 9.340
LD3 10.000 9.900
S1 CL 10.090 IL 8.931 (225s) IL 8.931 (375s)
S2 CL 10.138 IL 8.936
S3 CL 10.512 IL 9.044
S4 CL 10.476 IL 9.214
S5 CL 10.643 IL 9.302
S6 CL 10.634 IL 9.492
S7 CL 10.560 IL 9.550
S8 CL 10.094 IL 8.980 (300s) IL 8.805 (375s)
S9 CL 10.263 IL 9.105
S10 CL 10.438 IL 9.283 (225s) IL 9.208 (300s)
S11 CL 10.648 IL 9.405
S12 CL 10.887 IL 9.855
S13 CL 11.040 IL 9.760
S14 CL 11.073 IL 9.835
F1 CL 9.75 IL 7.574
F2 CL 10.033 IL 7.844
F4 CL 10.301 IL 8.057
F5 CL 10.070 IL 8.329
F6 CL 10.144 IL 8.392
F7 CL 10.567 IL 8.502 (100s) IL 8.452 (150s)
F8 CL 10.490 IL 8.876
F9 CL 10.603 IL 9.202
F10 CL 10.638 IL 9.440
F11 CL 10.325 IL 8.218
F12 CL 10.683 IL 8.631 (100s) IL 8.581 (150s)
F13 CL 10.832 IL 9.087
F14 CL 11.084 IL 9.370
F15 CL 11.112 IL 9.645
F16 CL 11.117 IL 9.670
F17 CL 11.117 IL 9.670
F18 CL 11.117 IL 9.670
F19 CL 11.117 IL 9.670
F20 CL 11.117 IL 9.670
F21 CL 11.117 IL 9.670
F22 CL 11.117 IL 9.670
F23 CL 11.117 IL 9.670
F24 CL 11.117 IL 9.670
F25 CL 11.117 IL 9.670
F26 CL 11.117 IL 9.670
F27 CL 11.117 IL 9.670
F28 CL 11.117 IL 9.670
F29 CL 11.117 IL 9.670
F30 CL 11.117 IL 9.670
F31 CL 11.117 IL 9.670
F32 CL 11.117 IL 9.670
F33 CL 11.117 IL 9.670
F34 CL 11.117 IL 9.670
F35 CL 11.117 IL 9.670
F36 CL 11.117 IL 9.670
F37 CL 11.117 IL 9.670
F38 CL 11.117 IL 9.670
F39 CL 11.117 IL 9.670
F40 CL 11.117 IL 9.670

APPROVAL

REV. No.	DATE	DESCRIPTION	INITIALS
D	29.05.19	Treatment works removed and new rising main added.	HJS
C	26.07.16	As–built issue	JAK
B	01.05.15	Sewage treatment plant & compound updated to suit approvals	JAK
A	21.10.14	Created on request by Southern Water	GDE

Client: Space to live David Wilson Homes

Project: Brooks Nursery Barnham

Title: Section 104 Layout Phase 2

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Scale: 1:500@A1 | Date: Oct 14 | Drawing No.: 4482:506 | Rev: D

Checked: KTG | Drawn: GDE

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ARUN DISTRICT COUNCIL BN/82/0/PL