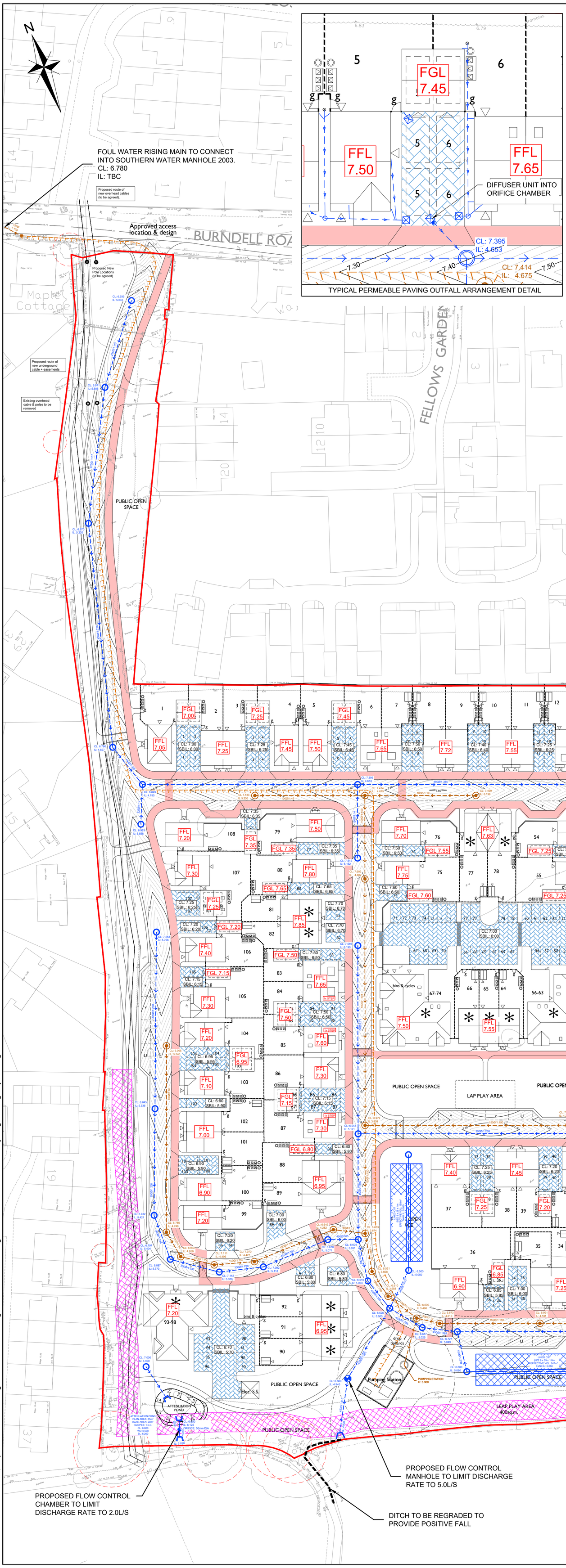


TYPICAL PERMEABLE PAVING OUTFALL ARRANGEMENT DETAIL

NORTHERN OUTFALL PERMEABLE PAVING DETAILS

PLOT(S)	SIZE (M)	COVER LEVEL	INVERT LEVEL	ORIFICE SIZE (MM)
1 & 2	6 x 12	7.00	6.00	15
3 & 4	6 x 12	7.25	6.25	10
5 & 6	6 x 12	7.45	6.45	20
7 & 8	6 x 12	7.50	6.50	10
9 & 10	6 x 12	7.40	6.40	10
11 & 12	6 x 12	7.25	6.25	10
13 & 14	6 x 12	7.25	6.25	10
15	5.5 x 8.5	6.85	5.85	15
18	3.5 x 11	6.80	5.80	30
19 & 53	5 x 15	7.00	6.00	10
20 & 21	7 x 10	7.30	6.30	20
24	3 x 11	7.45	6.45	10
51	3 x 12	7.35	6.35	25
54	3 x 12.5	7.25	6.25	10
55	3 x 8.5	7.25	6.25	15
75	4 x 8.5	7.60	6.60	10
76	3 x 12.5	7.50	6.50	10
79	3 x 12.5	7.35	6.35	15
80	3 x 15	7.65	6.65	10
108	3.5 x 5	7.35	6.35	15

SOUTHERN OUTFALL PERMEABLE PAVING DETAILS

PLOT(S)	SIZE (M)	COVER LEVEL	INVERT LEVEL	ORIFICE SIZE (MM)
22 & 23	6 x 13	7.45	6.45	10
25 & 26	6 x 12	7.35	6.35	10
27	6 x 8.5	7.25	6.25	10
28	3 x 10	7.00	6.00	15
29	3 x 10	7.00	6.00	20
30	4 x 10	6.85	5.85	10
31	6 x 7	6.75	5.75	20
32	5 x 8	7.05	6.05	10
33	3 x 12	7.10	6.10	10
34 & 35	5 x 11	7.00	6.00	15
36	6 x 6	6.85	5.85	15
37 & 38	6 x 11.5	7.25	6.25	15
39 & 40	6 x 11.5	7.20	6.20	15
41 & 45	13 x 20	7.30	6.30	10
46 & 47	6 x 12	6.95	5.95	20
48	3 x 12	7.20	6.20	15
49 & 50	6 x 12	7.35	6.35	10
56 & 78	14 x 50	7.00	6.00	15
81 & 82	5 x 10	7.70	6.70	15
83	3 x 12	7.50	6.50	10
84 & 85	6.5 x 12	7.50	6.50	10
86 & 87	6 x 12	7.15	6.15	20
88	3 x 8	6.80	5.80	20
89	5 x 6.5	7.00	6.00	10
90 & 98	10 x 20	6.70	5.70	15
91	5 x 5.5	6.80	5.80	10
92	5 x 6	6.80	5.80	15
99	5 x 5	7.20	6.20	10
100 & 101	5 x 10	6.90	5.90	15
102	2.5 x 12	6.90	5.90	25
103 & 104	6 x 12.5	6.95	5.95	10
105	5 x 6.5	7.15	6.15	50
106	3 x 10	7.20	6.20	10
107	6.5 x 7	7.25	6.25	15

NOTES

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5. TOPOGRAHPHICAL SURVEY HAS BEEN TAKEN FROM DIGITAL TERRAIN SURVEYS DRAWING DTS220414-7Q1, DATED APRIL 14'.
6. ODYSSEY ACCEPT NO LIABILITY FOR THE ACCURACY OF SURVEY INFORMATION AND LAYOUTS SUPPLIED BY OTHERS.
7. MASTERPLAN IS BASED ON URBAN PULSE DESIGN SITE PLAN DRAWING 18-1065-005E DATED 26/07/19.
8. FOR OVERLAND FLOW ROUTES REFER TO ODYSSEY DRAWING 18-070/105.
9. FOR LANDSCAPING DETAILS, REFER TO LANDSCAPE ARCHIECTS DRAWINGS.
10. ALL PERMEABLE PAVING TO HAVE A DEPTH OF 1m.

LEGEND

- SITE BOUNDARY
- FFL 7.00 — PROPOSED FINISHED FLOOR LEVEL (mAOD)
- FGL 7.00 — PROPOSED FINISHED GARAGE LEVEL (mAOD)
- × 6.80 — EXISTING LEVEL (mAOD). SEE NOTE 5.
- 7.50 — PROPOSED HIGHWAY CONTOURS.
- FOUL SEWER AND MANHOLE (GRADIENT/PIPE SIZE)
- SURFACE WATER SEWER AND MANHOLE (GRADIENT/PIPE SIZE)
- HYDRO-BRAKE FLOW CONTROL CHAMBER
- ORIFICE FLOW CONTROL CHAMBER
- PROPOSED CELLULAR STORAGE ATTENUATION TANK
- PROPOSED CONCRETE STORAGE ATTENUATION TANK
- PROPOSED HEADWALL
- FOUL RISING MAIN
- 5m BUFFER FROM TOP OF EMBANKMENT
- 15m CLEARANCE FROM CENTRE OF PUMPING STATION WET WELL
- PERMEABLE PAVING
- INDICATIVE SERVICE CORRIDOR
- TREE ROOT PROTECTION ZONE
- EXTENT OF DITCH TO BE REGRADED

FOR PLANNING PURPOSES ONLY

Rev	Amendments	Drn	Chk	App	Date
P	SOUTHERN HYDROBRAKE POSITION UPDATED	RM	RM	RS	28.08.19
N	DISCHARGE RATES ADJUSTED AND STORAGE INCREASED	SG	LH	LH	19.08.19
M	ADDITIONAL SOUTHERN OUTFALL ADDED	JA	SG	RM	14.08.19
L	SITE LAYOUT UPDATED	SOM	SG	LH	07.08.19
K	CELLULAR STORAGE TANK REPLACED WITH CONCRETE TANK	SG	LH	LH	24.07.19
J	PERMEABLE PAVING AND ORIFICE DETAILS ADDED.	JA	SG	LH	12.07.19
H	DRAINAGE UPDATED AS PER ARUN DC COMMENTS	SG	LH	LH	25.06.19
G	DRAINAGE UPDATED AS PER ARUN DC COMMENTS	JA	SG	LH	20.06.19
F	DRAINAGE UPDATED AS PER ARUN DC COMMENTS	JA	LH	LH	07.06.19
E	DRAINAGE UPDATED AS PER ARUN DC COMMENTS	JA	SG	LH	16.05.19
D	DRAINAGE UPDATED AND TYPICAL DETAIL ADDED	JA	LH	LH	26.04.19
C	SITE LAYOUT UPDATED	SG	LH	LH	05.04.19
B	SITE LAYOUT UPDATED	TSB	SG	LH	21.02.19
A	PLANNING ISSUE	JA	LH	RS	23.11.18

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Job Title
LAND SOUTH OF BURNDELL ROAD, YAPTON

Drawing Title
PRELIMINARY ENGINEERING LAYOUT

Client
BOVIS HOMES

Scale	Date	Designed
1:500 @A1	NOV 18	SG
Drawn	Checked	Approved
SOM	LH	RS
Job No	Drawing No	Rev
18-070	18-070/103	P

P:\18-070 - Burndell Road, Yapton - Detailed Design\Tech\Acad\Drawings\100 Series Planning Pack\18-070-103 Preliminary Engineering Layout.dwg