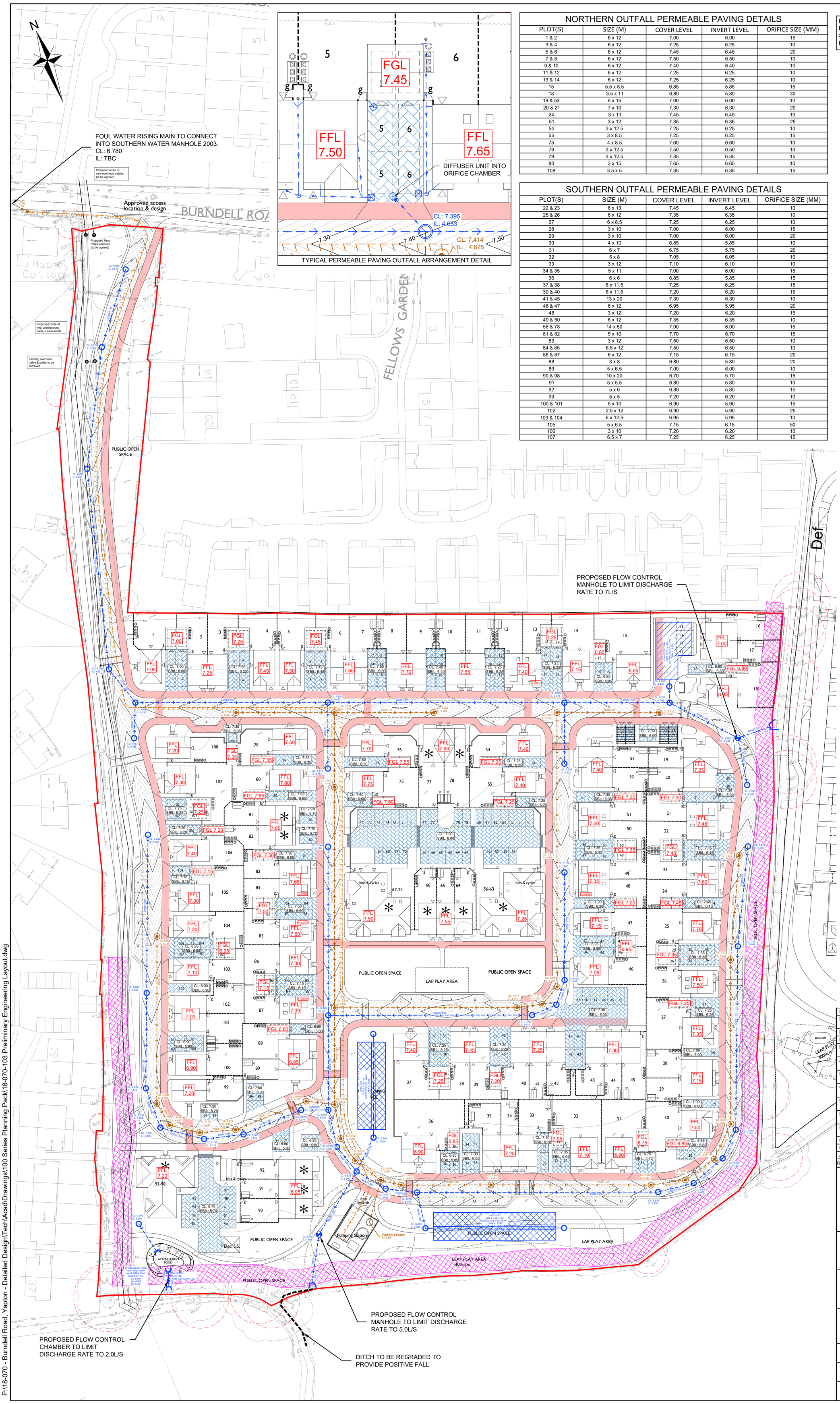

NORTHERN OUTFALL PERMEABLE PAVING DETAILS

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'.
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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