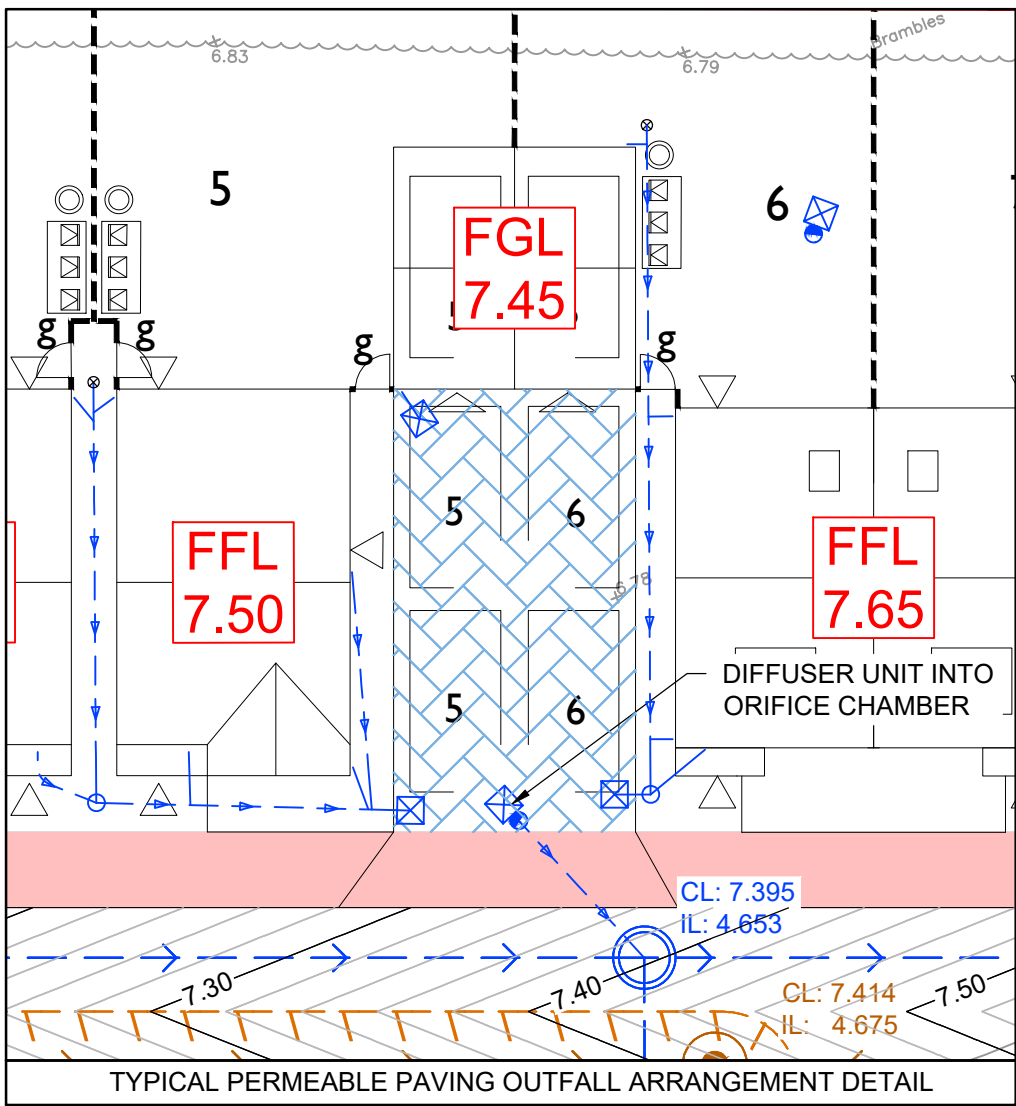
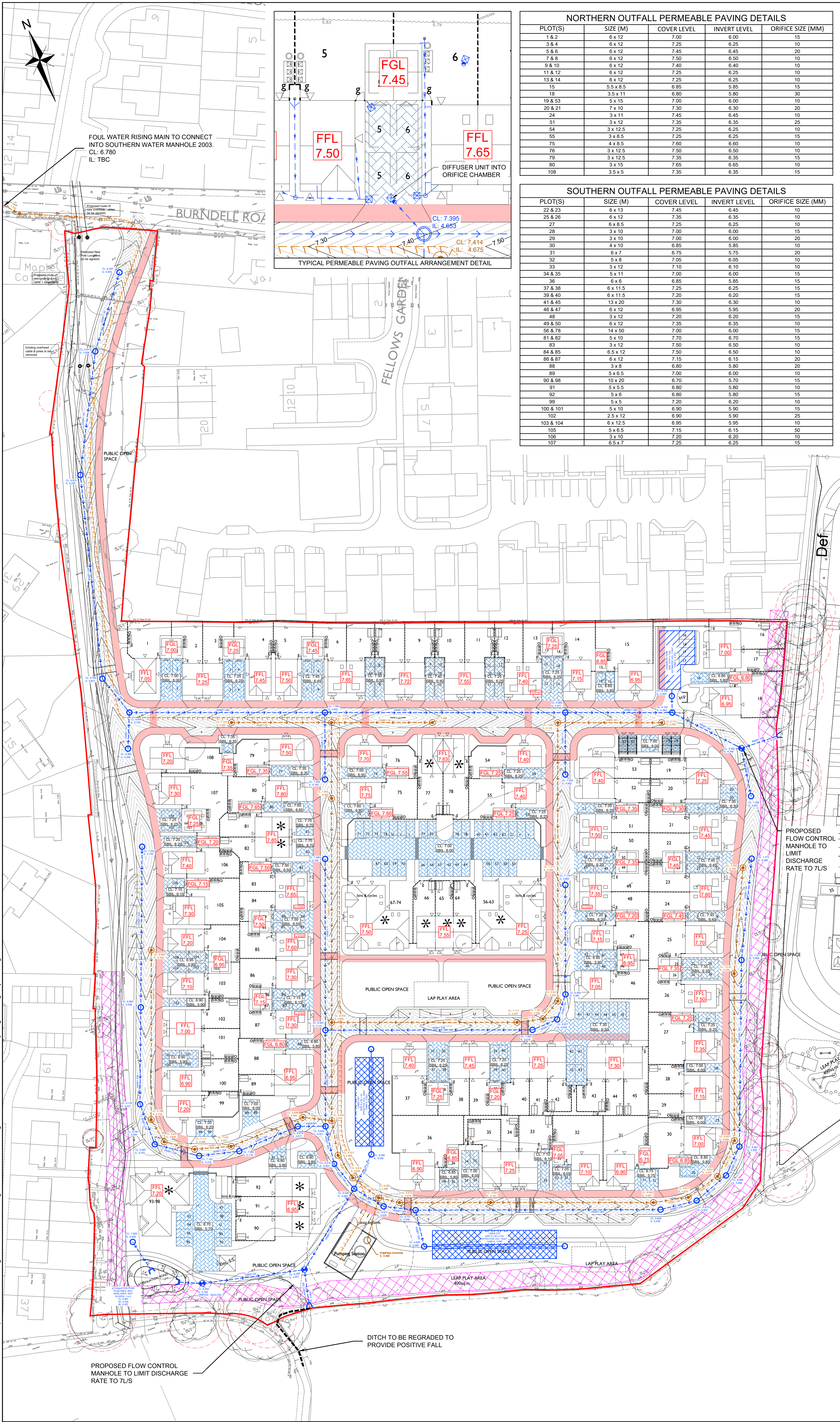




| NORTHERN OUTFALL PERMEABLE PAVING DETAILS |           |             |              |                   |
|-------------------------------------------|-----------|-------------|--------------|-------------------|
| PLOT(S)                                   | SIZE (M)  | COVER LEVEL | INVERT LEVEL | 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         | 15                |
| 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         | 10                |
| 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         | 25                |
| 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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  - FOR LANDSCAPING DETAILS, REFER TO LANDSCAPE ARCHITECTS DRAWINGS.
  - ALL PERMEABLE PAVING TO HAVE A DEPTH OF 1m.

- LEGEND
- SITE BOUNDARY
  - PROPOSED FINISHED FLOOR LEVEL (mAOD)
  - PROPOSED FINISHED GARAGE LEVEL (mAOD)
  - EXISTING LEVEL (mAOD). SEE NOTE 5.
  - PROPOSED HIGHWAY CONTOURS.
  - FOUL SEWER AND MANHOLE (GRADIENT/PIPE SIZE)
  - SURFACE WATER SEWER AND MANHOLE (GRADIENT/PIPE SIZE)
  - 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                          |            |    |              |
|-----------------------------------------------------|------------|----|--------------|
| 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              | 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               | 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  |
| Rev                                                 | Amendments | Dm | Chk App Date |

**ODYSSEY**

Tuscany House  
White Hart Lane  
Basingstoke  
Hampshire RG21 4AF

Telephone: 01256 331144  
Fax: 01256 331134  
E: info@odysseyconsult.co.uk  
W: www.odysseyconsult.co.uk

Job Title  
**LAND SOUTH OF BURNDELL ROAD, YAPTON**

Drawing Title  
**PRELIMINARY ENGINEERING LAYOUT**

Client  
**BOVIS HOMES**

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