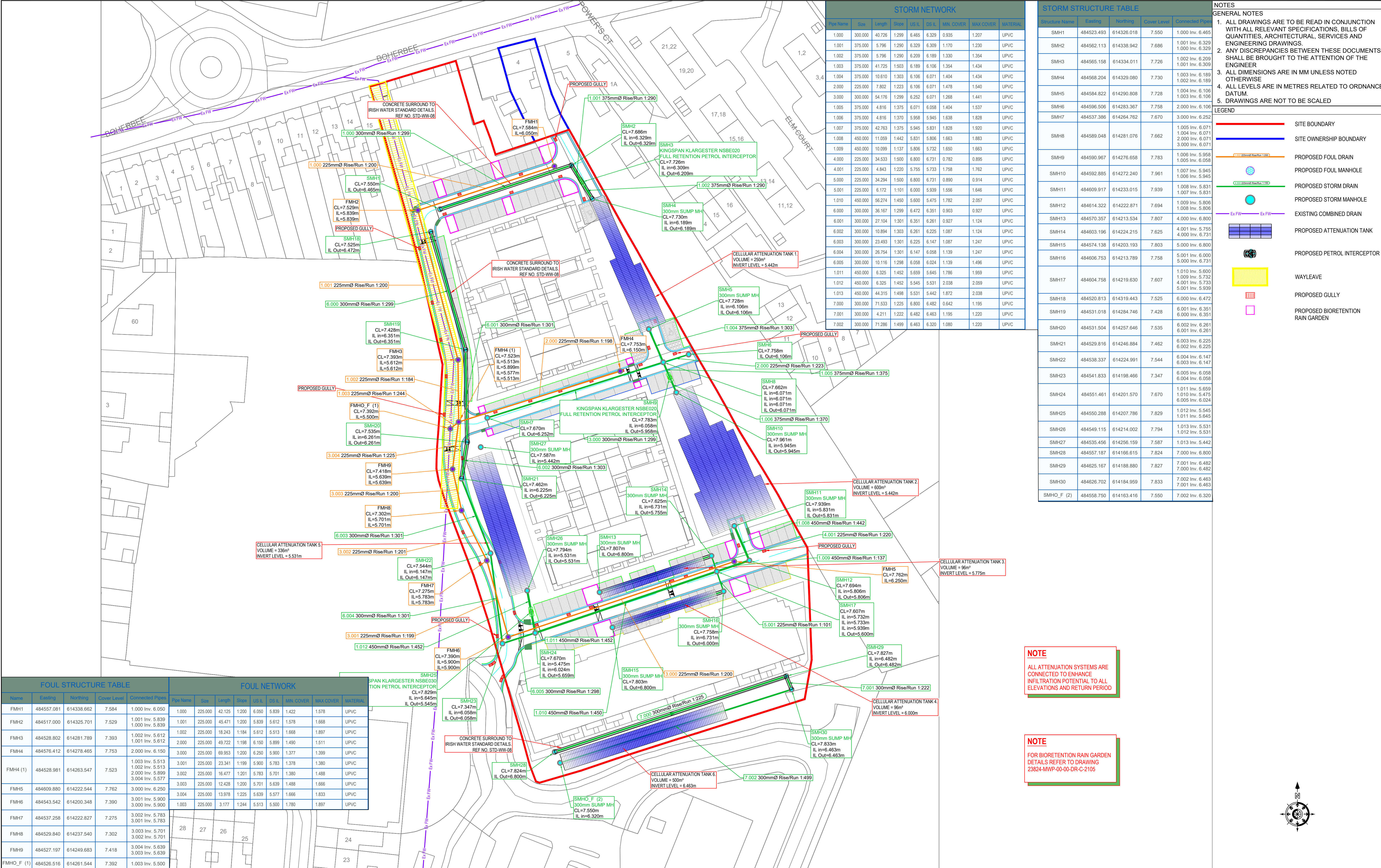




| FOUL STRUCTURE TABLE |            |            |             |                                      | FOUL NETWORK |         |        |       |       |       |            |           |          |
|----------------------|------------|------------|-------------|--------------------------------------|--------------|---------|--------|-------|-------|-------|------------|-----------|----------|
| Name                 | Easting    | Northing   | Cover Level | Connected Pipes                      | Pipe Name    | Size    | Length | Slope | US IL | DS IL | MIN. COVER | MAX COVER | MATERIAL |
| FMH1                 | 484557.081 | 614338.662 | 7.584       | 1.000 Inv. 6.050                     | 1.000        | 225.000 | 42.125 | 1:200 | 6.050 | 5.839 | 1.422      | 1.578     | UPVC     |
| FMH2                 | 484517.000 | 614325.701 | 7.529       | 1.001 Inv. 5.839<br>1.000 Inv. 5.839 | 1.001        | 225.000 | 45.471 | 1:200 | 5.839 | 5.612 | 1.578      | 1.668     | UPVC     |
| FMH3                 | 484528.802 | 614281.789 | 7.393       | 1.002 Inv. 5.612<br>1.001 Inv. 5.612 | 1.002        | 225.000 | 18.243 | 1:184 | 5.612 | 5.513 | 1.668      | 1.897     | UPVC     |
| FMH4                 | 484576.412 | 614278.465 | 7.753       | 2.000 Inv. 6.150                     | 2.000        | 225.000 | 69.953 | 1:200 | 6.250 | 5.900 | 1.377      | 1.399     | UPVC     |
| FMH4 (1)             | 484528.981 | 614263.547 | 7.523       | 1.003 Inv. 5.513                     | 3.001        | 225.000 | 23.341 | 1:199 | 5.900 | 5.783 | 1.378      | 1.380     | UPVC     |
|                      |            |            |             | 1.002 Inv. 5.513                     | 3.002        | 225.000 | 16.477 | 1:201 | 5.783 | 5.701 | 1.380      | 1.488     | UPVC     |
|                      |            |            |             | 2.000 Inv. 5.699                     | 3.003        | 225.000 | 12.428 | 1:200 | 5.701 | 5.639 | 1.488      | 1.666     | UPVC     |
| FMH5                 | 484609.880 | 614222.544 | 7.762       | 3.000 Inv. 6.250                     | 3.004        | 225.000 | 13.978 | 1:225 | 5.639 | 5.577 | 1.666      | 1.833     | UPVC     |
| FMH6                 | 484543.542 | 614200.348 | 7.390       | 3.001 Inv. 5.900<br>3.000 Inv. 5.900 | 1.003        | 225.000 | 3.177  | 1:244 | 5.513 | 5.500 | 1.780      | 1.897     | UPVC     |
| FMH7                 | 484537.258 | 614222.827 | 7.275       | 3.002 Inv. 5.783<br>3.001 Inv. 5.783 |              |         |        |       |       |       |            |           |          |
| FMH8                 | 484529.840 | 614237.540 | 7.302       | 3.003 Inv. 5.701<br>3.002 Inv. 5.701 |              |         |        |       |       |       |            |           |          |
| FMH9                 | 484527.197 | 614249.683 | 7.418       | 3.004 Inv. 5.639<br>3.003 Inv. 5.639 |              |         |        |       |       |       |            |           |          |
| FMH0_F (1)           | 484526.518 | 614261.544 | 7.392       | 1.003 Inv. 5.500                     |              |         |        |       |       |       |            |           |          |

| STORM NETWORK |         |        |       |       |       |            |           |
|---------------|---------|--------|-------|-------|-------|------------|-----------|
| Pipe Name     | Size    | Length | Slope | US IL | DS IL | MIN. COVER | MAX COVER |
| 1.000         | 300.000 | 40.726 | 1:299 | 6.465 | 6.329 | 0.935      | 1.207     |
| 1.001         | 375.000 | 5.796  | 1:290 | 6.329 | 6.309 | 1.170      | 1.230     |
| 1.002         | 375.000 | 5.796  | 1:290 | 6.209 | 6.189 | 1.330      | 1.354     |
| 1.003         | 375.000 | 41.725 | 1:503 | 6.189 | 6.106 | 1.354      | 1.434     |
| 1.004         | 375.000 | 10.610 | 1:303 | 6.106 | 6.071 | 1.404      | 1.434     |
| 2.000         | 225.000 | 7.802  | 1:223 | 6.106 | 6.071 | 1.478      | 1.540     |
| 3.000         | 300.000 | 54.176 | 1:299 | 6.252 | 6.071 | 1.258      | 1.441     |
| 1.005         | 375.000 | 4.816  | 1:375 | 6.071 | 6.058 | 1.404      | 1.537     |
| 1.006         | 375.000 | 4.816  | 1:370 | 5.958 | 5.945 | 1.638      | 1.828     |
| 1.007         | 375.000 | 42.763 | 1:375 | 5.945 | 5.831 | 1.828      | 1.920     |
| 1.008         | 450.000 | 11.059 | 1:442 | 5.831 | 5.806 | 1.663      | 1.883     |
| 1.009         | 450.000 | 10.099 | 1:137 | 5.806 | 5.732 | 1.650      | 1.663     |
| 4.000         | 225.000 | 34.533 | 1:500 | 6.800 | 6.731 | 0.782      | 0.895     |
| 4.001         | 225.000 | 4.843  | 1:220 | 5.755 | 5.733 | 1.758      | 1.762     |
| 5.000         | 225.000 | 34.294 | 1:500 | 6.800 | 6.731 | 0.890      | 0.914     |
| 5.001         | 225.000 | 6.172  | 1:101 | 6.000 | 5.939 | 1.556      | 1.646     |
| 1.010         | 450.000 | 56.274 | 1:450 | 5.600 | 5.475 | 1.782      | 2.057     |
| 6.000         | 300.000 | 36.167 | 1:299 | 6.472 | 6.351 | 0.903      | 0.927     |
| 6.001         | 300.000 | 27.104 | 1:301 | 6.351 | 6.261 | 0.927      | 1.124     |
| 6.002         | 300.000 | 10.894 | 1:303 | 6.261 | 6.225 | 1.087      | 1.124     |
| 6.003         | 300.000 | 23.493 | 1:301 | 6.225 | 6.147 | 1.087      | 1.247     |
| 6.004         | 300.000 | 26.754 | 1:301 | 6.147 | 6.058 | 1.139      | 1.247     |
| 6.005         | 300.000 | 10.116 | 1:298 | 6.058 | 6.024 | 1.139      | 1.496     |
| 1.011         | 450.000 | 6.325  | 1:452 | 5.659 | 5.645 | 1.786      | 1.959     |
| 1.012         | 450.000 | 6.325  | 1:452 | 5.545 | 5.531 | 2.038      | 2.059     |
| 1.013         | 450.000 | 44.315 | 1:498 | 5.531 | 5.442 | 1.872      | 2.038     |
| 7.000         | 300.000 | 71.533 | 1:225 | 6.800 | 6.482 | 0.642      | 1.195     |
| 7.001         | 300.000 | 4.211  | 1:222 | 6.482 | 6.463 | 1.195      | 1.220     |
| 7.002         | 300.000 | 71.286 | 1:499 | 6.463 | 6.320 | 1.080      | 1.220     |

| STORM STRUCTURE TABLE |            |            |             |                                                                              |
|-----------------------|------------|------------|-------------|------------------------------------------------------------------------------|
| Structure Name        | Easting    | Northing   | Cover Level | Connected Pipes                                                              |
| SMH1                  | 484523.493 | 614326.018 | 7.550       | 1.000 Inv. 6.465                                                             |
| SMH2                  | 484562.113 | 614338.942 | 7.686       | 1.001 Inv. 6.329<br>1.000 Inv. 6.329                                         |
| SMH3                  | 484565.158 | 614334.011 | 7.726       | 1.002 Inv. 6.209<br>1.001 Inv. 6.309                                         |
| SMH4                  | 484568.204 | 614329.080 | 7.730       | 1.003 Inv. 6.189<br>1.002 Inv. 6.189                                         |
| SMH5                  | 484584.822 | 614290.808 | 7.728       | 1.004 Inv. 6.106<br>1.003 Inv. 6.106                                         |
| SMH6                  | 484596.506 | 614283.367 | 7.758       | 2.000 Inv. 6.106                                                             |
| SMH7                  | 484537.386 | 614264.762 | 7.670       | 3.000 Inv. 6.252                                                             |
| SMH8                  | 484589.048 | 614281.076 | 7.662       | 1.005 Inv. 6.071<br>1.004 Inv. 6.071<br>2.000 Inv. 6.071<br>3.000 Inv. 6.071 |
| SMH9                  | 484590.967 | 614276.658 | 7.783       | 1.006 Inv. 5.958<br>1.005 Inv. 5.958                                         |
| SMH10                 | 484592.885 | 614272.240 | 7.961       | 1.007 Inv. 5.945<br>1.006 Inv. 5.945                                         |
| SMH11                 | 484609.917 | 614233.015 | 7.939       | 1.008 Inv. 5.831<br>1.007 Inv. 5.831                                         |
| SMH12                 | 484614.322 | 614222.871 | 7.694       | 1.009 Inv. 5.806<br>1.008 Inv. 5.806                                         |
| SMH13                 | 484570.357 | 614213.534 | 7.807       | 4.000 Inv. 6.800                                                             |
| SMH14                 | 484603.196 | 614224.215 | 7.625       | 4.001 Inv. 5.755<br>4.000 Inv. 6.731                                         |
| SMH15                 | 484574.138 | 614203.193 | 7.803       | 5.000 Inv. 6.800                                                             |
| SMH16                 | 484606.753 | 614213.789 | 7.758       | 5.001 Inv. 6.000<br>5.000 Inv. 6.731                                         |
| SMH17                 | 484604.758 | 614219.630 | 7.607       | 1.010 Inv. 5.600<br>1.009 Inv. 5.732<br>4.001 Inv. 5.733<br>5.001 Inv. 5.939 |
| SMH18                 | 484520.813 | 614319.443 | 7.525       | 6.000 Inv. 6.472                                                             |
| SMH19                 | 484531.018 | 614284.746 | 7.428       | 6.001 Inv. 6.351<br>6.000 Inv. 6.351                                         |
| SMH20                 | 484531.504 | 614257.646 | 7.535       | 6.002 Inv. 6.261<br>6.001 Inv. 6.261                                         |
| SMH21                 | 484529.816 | 614246.884 | 7.462       | 6.003 Inv. 6.225<br>6.002 Inv. 6.225                                         |
| SMH22                 | 484538.337 | 614224.991 | 7.544       | 6.004 Inv. 6.147<br>6.003 Inv. 6.147                                         |
| SMH23                 | 484541.833 | 614198.466 | 7.347       | 6.005 Inv. 6.058<br>6.004 Inv. 6.058                                         |
| SMH24                 | 484551.461 | 614201.570 | 7.670       | 1.011 Inv. 5.659<br>1.010 Inv. 5.475<br>6.005 Inv. 6.024                     |
| SMH25                 | 484550.288 | 614207.786 | 7.829       | 1.012 Inv. 5.545<br>1.011 Inv. 5.645                                         |
| SMH26                 | 484549.115 | 614214.002 | 7.794       | 1.013 Inv. 5.531<br>1.012 Inv. 5.531                                         |
| SMH27                 | 484535.456 | 614256.159 | 7.587       | 1.013 Inv. 5.442                                                             |
| SMH28                 | 484557.187 | 614166.615 | 7.824       | 7.000 Inv. 6.800                                                             |
| SMH29                 | 484625.167 | 614188.880 | 7.827       | 7.001 Inv. 6.482<br>7.000 Inv. 6.482                                         |
| SMH30                 | 484626.702 | 614184.959 | 7.833       | 7.002 Inv. 6.463<br>7.001 Inv. 6.463                                         |
| SMH0_F (2)            | 484558.750 | 614163.416 | 7.550       | 7.002 Inv. 6.320                                                             |

NOTES

GENERAL NOTES

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.

2. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER

3. ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE

4. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM.

5. DRAWINGS ARE NOT TO BE SCALED

LEGEND

SITE BOUNDARY

SITE OWNERSHIP BOUNDARY

PROPOSED FOUL DRAIN

PROPOSED FOUL MANHOLE

PROPOSED STORM DRAIN

PROPOSED STORM MANHOLE

EXISTING COMBINED DRAIN

PROPOSED ATTENUATION TANK

PROPOSED PETROL INTERCEPTOR

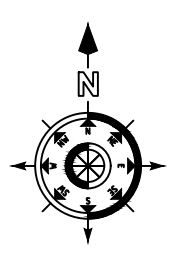
WAYLEAVE

PROPOSED GULLY

PROPOSED BIORETENTION RAIN GARDEN

NOTE  
ALL ATTENUATION SYSTEMS ARE CONNECTED TO ENHANCE INFILTRATION POTENTIAL TO ALL ELEVATIONS AND RETURN PERIOD

NOTE  
FOR BIORETENTION RAIN GARDEN DETAILS REFER TO DRAWING 23824-MWP-00-00-DR-C-2105



D01 10.08.23  
REV/ DATE

ISSUED FOR INFORMATION  
DESCRIPTION

R.H  
BY

I.B  
APP

MWP

ENGINEERING AND ENVIRONMENTAL CONSULTANTS

CORK | TRALEE | LONDON | LIMERICK

mwp.ie

PROJECT:  
CLOONMORE REGENERATION LRD,  
TRALEE, Co.KERRY

CLIENT:  
TULFARRIS CG LTD

TITLE:  
PROPOSED COMBINED DRAINAGE LAYOUT

DRAWN:  
RH

CHECKED:  
GF

APPROVED:  
IB

PROJECT NUMBER:  
23824

DATE:  
10/08/2023

SCALE @ A1:  
1:500

STATUS DESCRIPTION  
FOR INFORMATION

STATUS:  
S2

DRAWING NUMBER:  
23824 - MWP - 00 - 00 - DR - C - 2100

REV:  
P01