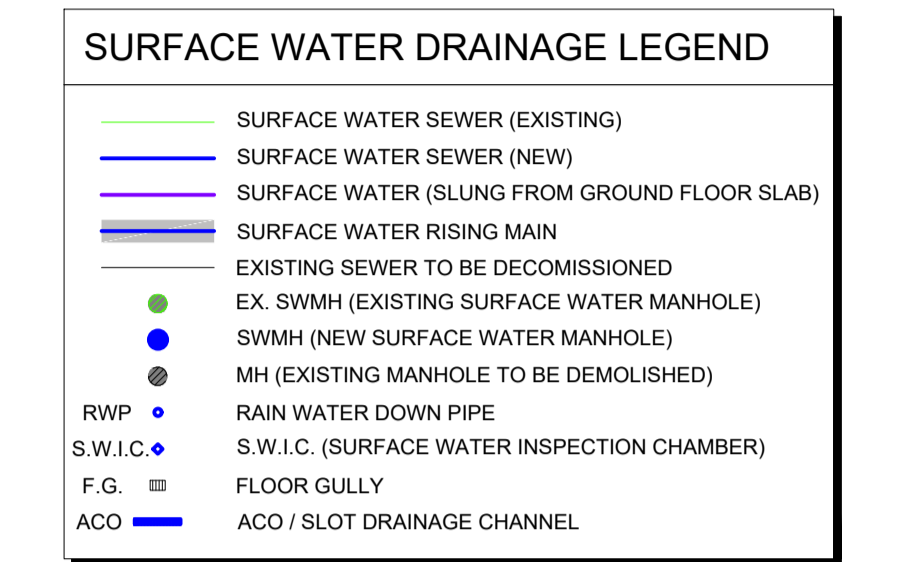


PROPOSED SURFACE WATER MANHOLE SCHEDULE

| MANHOLE REF. | MANHOLE DETAILS | EASTING (m) | NORTHING (m) |
|--------------|---|-------------|--------------|
| SWMH 01 | CL = 80.878 IL = 80.420 S 1.001 : IL = 80.420 | 667428.764 | 833886.801 |
| SWMH 02 | CL = 79.157 IL = 78.420 S 1.001 : IL = 78.632 S 1.002 : IL = 78.420 | 667438.147 | 833879.447 |
| SWMH 03 | CL = 78.854 IL = 76.530 S 1.002 : IL = 76.327 S 1.003 : IL = 76.530 | 667452.257 | 833867.375 |
| SWMH 04 | CL = 77.350 IL = 75.000 S 1.004 : IL = 74.962 S 1.005 : IL = 74.500 | 667455.625 | 833858.736 |
| SWMH 05 | CL = 75.673 IL = 74.500 S 1.004 : IL = 74.962 S 1.005 : IL = 74.500 | 667458.582 | 833851.800 |
| SWMH 06 | CL = 75.000 IL = 73.610 S 1.005 : IL = 74.385 S 1.006 : IL = 73.610 | 667470.399 | 833832.144 |
| SWMH 07 | CL = 75.000 IL = 71.779 S 1.006 : IL = 73.541 S 2.002 : IL = 73.646 S 1.007 : IL = 71.779 | 667477.353 | 833820.135 |
| SWMH 08 | CL = 72.685 IL = 68.208 S 1.007 : IL = 71.477 S 1.008 : IL = 68.208 | 667482.288 | 833795.653 |
| SWMH 09 | CL = 71.657 IL = 67.963 S 3.004 : IL = 71.013 S 5.004 : IL = 71.212 S 1.008 : IL = 67.963 | 667493.053 | 833783.459 |
| SWMH 10 | CL = 75.000 IL = 74.400 S 2.001 : IL = 74.400 | 667487.433 | 833864.941 |
| SWMH 11 | CL = 75.000 IL = 73.732 S 2.001 : IL = 74.309 S 2.002 : IL = 73.732 | 667476.112 | 833828.482 |
| SWMH 12 | CL = 75.000 IL = 74.400 S 3.001 : IL = 74.400 | 667427.322 | 833857.230 |
| SWMH 13 | CL = 75.000 IL = 73.760 S 3.001 : IL = 73.760 S 3.002 : IL = 73.760 | 667475.879 | 833818.785 |
| SWMH 14 | CL = 74.949 IL = 73.526 S 3.002 : IL = 73.526 S 3.003 : IL = 73.526 | 667488.525 | 833799.131 |
| SWMH 15 | CL = 75.000 IL = 71.150 S 4.003 : IL = 73.536 S 3.003 : IL = 73.385 S 3.004 : IL = 71.150 | 667480.055 | 833787.834 |
| SWMH 16 | CL = 75.311 IL = 74.400 S 4.001 : IL = 74.400 | 667412.128 | 833841.196 |
| SWMH 17 | CL = 75.000 IL = 73.949 S 4.001 : IL = 73.949 S 4.002 : IL = 73.949 | 667447.568 | 833813.355 |
| SWMH 18 | CL = 75.000 IL = 73.717 S 4.002 : IL = 73.717 S 4.003 : IL = 73.717 | 667465.786 | 833799.043 |
| SWMH 19 | CL = 74.832 IL = 74.400 S 5.001 : IL = 74.400 | 667406.251 | 833833.698 |
| SWMH 20 | CL = 75.000 IL = 73.878 S 5.001 : IL = 74.150 S 7.001 : IL = 73.878 S 5.002 : IL = 73.878 | 667425.891 | 833818.269 |
| SWMH 21 | CL = 75.000 IL = 73.740 S 5.002 : IL = 73.740 S 8.001 : IL = 73.874 S 5.003 : IL = 73.740 | 667436.812 | 833809.772 |
| SWMH 22 | CL = 75.000 IL = 72.267 S 5.003 : IL = 73.267 S 5.004 : IL = 73.539 | 667473.956 | 833780.508 |
| SWMH 23 | CL = 71.080 IL = 70.480 S 6.001 : IL = 70.480 | 667441.936 | 833804.251 |
| SWMH 24 | CL = 71.080 IL = 70.256 S 6.001 : IL = 70.256 S 6.002 : IL = 70.256 | 667459.530 | 833790.323 |
| SWMH 25 | CL = ??? IL = 70.080 S 6.002 : IL = 70.080 S 9.001 : IL = 70.246 | 667473.514 | 833779.597 |

REVISION SCHEDULE

| REV. NO. | REV. DESCRIPTION | REV. DATE | DRAWN | CHECKED |
|----------|------------------------------------|------------|-------|---------|
| PL1 | ISSUED FOR PRE-PLANNING DISCUSSION | 16/08/2023 | JPC | JFC |
| PL2 | ISSUED FOR PRE-PLANNING DISCUSSION | 31/08/2023 | JPC | JFC |
| PL3 | ISSUED FOR PLANNING | 23/11/2023 | KJD | JFC |



PROPOSED SURFACE WATER PIPE DETAILS

| PIPE NAME | SIZE (mm) | PLAN LENGTH (m) | SLOPE | START IL (m) | END IL (m) |
|-----------|-------------|-----------------|--------|--------------|------------|
| S 1.001 | 1000 : uPVC | 11.921 | 1:7 | 80.420 | 78.632 |
| S 1.002 | 1000 : uPVC | 18.570 | 1:200 | 78.420 | 78.327 |
| S 1.003 | 1000 : uPVC | 9.272 | 1:200 | 76.530 | 76.483 |
| S 1.004 | 1000 : uPVC | 7.539 | 1:200 | 75.000 | 74.962 |
| S 1.005 | 1000 : uPVC | 22.935 | 1:200 | 74.500 | 74.385 |
| S 1.006 | 1000 : uPVC | 13.877 | 1:200 | 73.610 | 73.541 |
| S 1.007 | 2250 : uPVC | 28.678 | 1:95 | 71.779 | 71.477 |
| S 1.008 | 2250 : uPVC | 12.218 | 1:50 | 68.208 | 67.963 |
| S 1.009 | 2250 : uPVC | 8.962 | 1:659 | 66.000 | 65.986 |
| S 1.010 | 2250 : uPVC | 15.205 | 1:2454 | 65.986 | 65.980 |
| S 2.001 | 2250 : uPVC | 38.176 | 1:200 | 74.400 | 74.209 |
| S 2.002 | 2250 : uPVC | 8.439 | 1:98 | 73.732 | 73.646 |
| S 3.001 | 2250 : uPVC | 61.934 | 1:97 | 74.400 | 73.760 |
| S 3.002 | 2250 : uPVC | 23.372 | 1:100 | 73.760 | 73.526 |
| S 3.003 | 2250 : uPVC | 14.120 | 1:100 | 73.526 | 73.385 |
| S 3.004 | 2250 : uPVC | 13.714 | 1:100 | 71.150 | 71.013 |
| S 4.001 | 2250 : uPVC | 45.068 | 1:100 | 74.400 | 73.949 |
| S 4.002 | 2250 : uPVC | 23.167 | 1:100 | 73.949 | 73.717 |
| S 4.003 | 2250 : uPVC | 18.145 | 1:100 | 73.717 | 73.536 |
| S 5.001 | 2250 : uPVC | 24.976 | 1:100 | 74.400 | 74.150 |
| S 5.002 | 2250 : uPVC | 13.837 | 1:100 | 73.878 | 73.740 |
| S 5.003 | 2250 : uPVC | 47.287 | 1:100 | 73.740 | 73.267 |
| S 5.004 | 2250 : uPVC | 19.323 | 1:8 | 73.539 | 71.212 |
| S 6.001 | 1100 : uPVC | 22.439 | 1:100 | 70.480 | 70.256 |
| S 6.002 | 1100 : uPVC | 17.624 | 1:100 | 70.256 | 70.080 |

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|-----------------|--|
| Drawing Stage: | Project Details: |
| PLANNING | Site Address: MONAGHAN CO. CO. HQ, ROOSKY, MONAGHAN TOWN |
| | Client: MONAGHAN COUNTY COUNCIL |
| | Architect: HENRY J LYONS ARCHITECTS |
| | M&E Designer: |
| | Contractor: |

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| Notes |
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|--|-------------|-----------------|---------|
| Drawn by: | Checked by: | Approved by: | Date: |
| JPC | KO'M | JFC | FEB '23 |
| Project Name: | Scale: | Project Number: | |
| CIVIC OFFICES | 1:500 @ A1 | 2223 | |
| Drawing Title: | Project: | Originator: | Zone: |
| OVERALL SITE DRAINAGE PLAN SURFACE WATER | MCC | CORA | ZZ |

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