

**MORTARSTOWN WASTEWATER TREATMENT PLANT UPGRADE  
DRAWING REGISTER**

| DRAWING NO.             | DRAWING TITLE                                                              |
|-------------------------|----------------------------------------------------------------------------|
| 5161805_EWE_DR_MOR_5005 | SITE LOCATION                                                              |
| 5161805_EWE_DR_MOR_5010 | EXISTING SITE LAYOUT – SHEET 1 OF 5                                        |
| 5161805_EWE_DR_MOR_5011 | EXISTING SITE LAYOUT – SHEET 2 OF 5                                        |
| 5161805_EWE_DR_MOR_5012 | EXISTING SITE LAYOUT – SHEET 3 OF 5                                        |
| 5161805_EWE_DR_MOR_5013 | EXISTING SITE LAYOUT – SHEET 4 OF 5                                        |
| 5161805_EWE_DR_MOR_5014 | EXISTING SITE LAYOUT – SHEET 5 OF 5                                        |
| 5161805_EWE_DR_MOR_5020 | EXISTING WWTP SITE ELEVATIONS - SHEET 1 OF 3                               |
| 5161805_EWE_DR_MOR_5021 | EXISTING WWTP SITE ELEVATIONS - SHEET 2 OF 3                               |
| 5161805_EWE_DR_MOR_5022 | EXISTING WWTP SITE ELEVATIONS - SHEET 3 OF 3                               |
| 5161805_EWE_DR_MOR_5025 | EXISTING SITE PHOTOGRAPHS - SHEET 1 OF 3                                   |
| 5161805_EWE_DR_MOR_5026 | EXISTING SITE PHOTOGRAPHS - SHEET 2 OF 3                                   |
| 5161805_EWE_DR_MOR_5027 | EXISTING SITE PHOTOGRAPHS - SHEET 3 OF 3                                   |
| 5161805_EWE_DR_MOR_5100 | PROPOSED SITE LAYOUT PLAN                                                  |
| 5161805_EWE_DR_MOR_5101 | PROPOSED SITE LAYOUT - SHEET 1 OF 5                                        |
| 5161805_EWE_DR_MOR_5102 | PROPOSED SITE LAYOUT - SHEET 2 OF 5                                        |
| 5161805_EWE_DR_MOR_5103 | PROPOSED SITE LAYOUT - SHEET 3 OF 5                                        |
| 5161805_EWE_DR_MOR_5104 | PROPOSED SITE LAYOUT - SHEET 4 OF 5                                        |
| 5161805_EWE_DR_MOR_5105 | PROPOSED SITE LAYOUT - SHEET 5 OF 5                                        |
| 5161805_EWE_DR_MOR_5110 | PROPOSED WWTP SITE ELEVATIONS - SHEET 1 OF 3                               |
| 5161805_EWE_DR_MOR_5111 | PROPOSED WWTP SITE ELEVATIONS - SHEET 2 OF 3                               |
| 5161805_EWE_DR_MOR_5112 | PROPOSED WWTP SITE ELEVATIONS - SHEET 3 OF 3                               |
| 5161805_EWE_DR_MOR_5113 | PROPOSED PROCESS FLOW DIAGRAM                                              |
| 5161805_EWE_DR_MOR_5120 | PROPOSED MICROTUNNEL GRAVITY SEWER PLAN & SECTION - SHEET 1 OF 3           |
| 5161805_EWE_DR_MOR_5121 | PROPOSED MICROTUNNEL GRAVITY SEWER PLAN & SECTION - SHEET 1 OF 3           |
| 5161805_EWE_DR_MOR_5122 | PROPOSED MICROTUNNEL GRAVITY SEWER PLAN & SECTION - SHEET 1 OF 3           |
| 5161805_EWE_DR_MOR_5125 | PROPOSED MICROTUNNEL GRAVITY SEWER - CROSS SECTION                         |
| 5161805_EWE_DR_MOR_5126 | PROPOSED MICROTUNNEL GRAVITY SEWER – TYPICAL DETAILS                       |
| 5161805_EWE_DR_MOR_5127 | PROPOSED MICROTUNNEL GRAVITY SEWER – TRENCH & TUNNEL DETAILS               |
| 5161805_EWE_DR_MOR_5130 | PROPOSED INLET PUMP STATION                                                |
| 5161805_EWE_DR_MOR_5140 | PROPOSED INLET WORKS PLAN & SECTION                                        |
| 5161805_EWE_DR_MOR_5141 | PROPOSED INLET WORKS ELEVATIONS                                            |
| 5161805_EWE_DR_MOR_5142 | PROPOSED STORM TANK - PLAN & SECTION                                       |
| 5161805_EWE_DR_MOR_5143 | PROPOSED STORM TANK ELEVATIONS                                             |
| 5161805_EWE_DR_MOR_5144 | PROPOSED PRIMARY SETTLEMENT TANK - PLAN                                    |
| 5161805_EWE_DR_MOR_5145 | PROPOSED PRIMARY SETTLEMENT TANK - SECTION                                 |
| 5161805_EWE_DR_MOR_5146 | PROPOSED PRIMARY SETTLEMENT TANK - ELEVATIONS                              |
| 5161805_EWE_DR_MOR_5147 | PROPOSED MODIFICATIONS TO AERATION TANK BLOWER PIPEWORK GENERAL ARRANGMENT |
| 5161805_EWE_DR_MOR_5148 | PROPOSED FINAL SETTLEMENT TANKS - PLAN                                     |

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| 5161805_EWE_DR_MOR_5149 | PROPOSED FINAL SETTLEMENT TANKS - ELEVATIONS                                            |
| 5161805_EWE_DR_MOR_5150 | PROPOSED FINAL SETTLEMENT TANKS - SECTION                                               |
| 5161805_EWE_DR_MOR_5151 | PROPOSED RAS/WAS PUMP STATION                                                           |
| 5161805_EWE_DR_MOR_5152 | PROPOSED MODIFICATIONS TO PICKET FENCE THICKENER – PLAN, SECTION & ELEVATIONS           |
| 5161805_EWE_DR_MOR_5153 | PROPOSED SLUDGE HOLDING TANK UPGRADE TO SLUDGE BLENDING TANK – PLAN, SECTION & SECTIONS |
| 5161805_EWE_DR_MOR_5154 | PROPOSED PICKET FENCE THICKENER – PLAN, SECTION & ELEVATIONS                            |
| 5161805_EWE_DR_MOR_5155 | PROPOSED MODIFICATIONS TO SLURGE DEWATERING BUILDING - PLAN & SECTION                   |
| 5161805_EWE_DR_MOR_5156 | PROPOSED MODIFICATIONS TO SLURGE DEWATERING BUILDING - ELEVATIONS                       |
| 5161805_EWE_DR_MOR_5157 | PROPOSED FOUL PUMP STATION PLAN (FOR LOCAL AGGLOMERATION) – PLAN, SECTION & ELEVATIONS  |
| 5161805_EWE_DR_MOR_5158 | PROPOSED CLEAN WASHWATER BOREHOLE & SUPPLY KIOSK – PLAN, SECTIONS & ELEVATIONS          |
| 5161805_EWE_DR_MOR_5159 | PROPOSED CENTRATE / SUPERNATANT PUMP STATION – PLAN, SECTION & ELEVATIONS               |
| 5161805_EWE_DR_MOR_5160 | PROPOSED COMBINED EFFLEUNT CHAMBER – PLAN, SECTIONS & ELEVATIONS                        |
| 5161805_EWE_DR_MOR_5161 | PROPOSED BLOWER BUILDING – PLAN, SECTION & ELEVATIONS                                   |
| 5161805_EWE_DR_MOR_5162 | PROPOSED MODIFICATIONS TO ADMINISTRATION BUILDING GERNERAL ARRARRANGMENT                |
| 5161805_EWE_DR_MOR_5163 | PROPOSED GROUND MOUNTED SOLAR PANELS GENERAL ARRANGEMENT                                |
| 5161805_EWE_DR_MOR_5164 | PROPOSED STORAGE SHED GENERAL ARRANGEMENT – PLAN, SECTION & ELEVATIONS                  |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5170 | PROPOSED OUTFALL PIPE – PLAN & SECTION                                                  |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5175 | PROPOSED WWTP HYDRAULIC PROFILE                                                         |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5180 | PROPOSED SITE LANDSCAPING LAYOUT SHEET 1 OF 5                                           |
| 5161805_EWE_DR_MOR_5181 | PROPOSED SITE LANDSCAPING LAYOUT SHEET 2 OF 5                                           |
| 5161805_EWE_DR_MOR_5182 | PROPOSED SITE LANDSCAPING LAYOUT SHEET 3 OF 5                                           |
| 5161805_EWE_DR_MOR_5183 | PROPOSED SITE LANDSCAPING LAYOUT SHEET 4 OF 5                                           |
| 5161805_EWE_DR_MOR_5184 | PROPOSED SITE LANDSCAPING LAYOUT SHEET 5 OF 5                                           |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5190 | PROPOSED WWTP STORMWATER DETAILED LAYOUT - SHEET 1 OF 2                                 |
| 5161805_EWE_DR_MOR_5191 | PROPOSED WWTP STORMWATER DETAILED LAYOUT - SHEET 2 OF 2                                 |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5195 | PROPOSED WWTP LIGHTING DETAILED LAYOUT SHEET 1 OF 2                                     |
| 5161805_EWE_DR_MOR_5196 | PROPOSED WWTP LIGHTING DETAILED LAYOUT SHEET 2 OF 2                                     |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5520 | PROPOSED SITE LAYOUT UTILITIES PLAN SHEET - 1 OF 5                                      |
| 5161805_EWE_DR_MOR_5521 | PROPOSED SITE LAYOUT UTILITIES PLAN SHEET - 2 OF 5                                      |
| 5161805_EWE_DR_MOR_5522 | PROPOSED SITE LAYOUT UTILITIES PLAN SHEET - 3 OF 5                                      |
| 5161805_EWE_DR_MOR_5523 | PROPOSED SITE LAYOUT UTILITIES PLAN SHEET - 4 OF 5                                      |
| 5161805_EWE_DR_MOR_5524 | PROPOSED SITE LAYOUT UTILITIES PLAN SHEET - 5 OF 5                                      |
|                         |                                                                                         |
| 5161805_EWE_DR_MOR_5525 | PROPOSED ESB DIVERSION LAYOUT PLAN- SHEET 1 OF 5                                        |
| 5161805_EWE_DR_MOR_5526 | PROPOSED ESB DIVERSION LAYOUT PLAN- SHEET 2 OF 5                                        |
| 5161805_EWE_DR_MOR_5527 | PROPOSED ESB DIVERSION LAYOUT PLAN- SHEET 3 OF 5                                        |

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| 5161805_EWE_DR_MOR_5528 | PROPOSED ESB DIVERSION LAYOUT PLAN- SHEET 4 OF 5 |
| 5161805_EWE_DR_MOR_5529 | PROPOSED ESB DIVERSION LAYOUT PLAN- SHEET 5 OF 5 |
|                         |                                                  |
| 5161805_EWE_DR_MOR_5600 | ON SITE COMPOUND LAYOUT SHEET 1 OF 5             |
| 5161805_EWE_DR_MOR_5601 | ON SITE COMPOUND LAYOUT SHEET 2 OF 5             |
| 5161805_EWE_DR_MOR_5602 | ON SITE COMPOUND LAYOUT SHEET 3 OF 5             |
| 5161805_EWE_DR_MOR_5603 | ON SITE COMPOUND LAYOUT SHEET 4 OF 5             |
| 5161805_EWE_DR_MOR_5604 | ON SITE COMPOUND LAYOUT SHEET 5 OF 5             |
|                         |                                                  |
| 5161805_EWE_DR_MOR_5610 | CONSTRUCTION PHASING LAYOUT                      |
|                         |                                                  |
| 5161805_EWE_DR_MOR_5620 | PROPOSED WWPS DEMOLITION LAYOUT                  |
| 5161805_EWE_DR_MOR_5621 | PROPOSED KILKENNY ROAD PS DECOMMISSIONING PLAN   |