

**MANHOLE CARD.**

|                    |         |             |                           |            |              |          |
|--------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.            | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.        | MH001   | LOCATION    | X=423354.800 Y=419437.160 |            |              |          |
| GROUND MATERIAL    | Soil    | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY         | Heavy   | COVER LEVEL | 55.060                    | (m)Site BM |              |          |
| USE                | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)    | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)    |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm)  | 900     | x           | 700                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.      |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| Land Drain (150mm) | a       | 2.14        | 52.92                     | C          | 600          | VC       |
| Inlet 002          | b       | 2.14        | 52.92                     | C          | 600          | VC       |
|                    | c       |             |                           |            |              |          |
|                    | d       |             |                           |            |              |          |
|                    | e       |             |                           |            |              |          |
|                    | f       |             |                           |            |              |          |
|                    | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.    |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH003 (Buried)     | x       | 2.15        | 52.91                     | C          | 600          | VC       |
|                    | y       |             |                           |            |              |          |
|                    | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

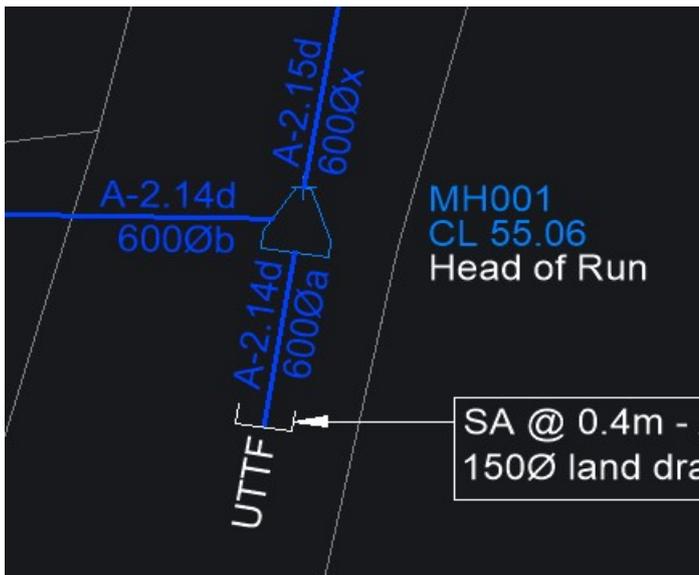


Photo / Location Sketch



Notes:

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|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH004   | LOCATION    | X=423354.800 Y=419437.160 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.640                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 2220    | x           | 1900                      | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH003             | a       | 4.19        | 40.45                     | C          | 600          | VC       |
| MH011             | b       | 4.80        | 39.84                     | C          | 600          | VC       |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH005             | x       | 5.04        | 39.60                     | C          | 1050         | Co       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



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|                   |         |             |                           |            |              |
|-------------------|---------|-------------|---------------------------|------------|--------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |
| MANHOLE NO.       | MH005   | LOCATION    | X=423396.780 Y=419712.684 |            |              |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |
| COVER DUTY        | Heavy   | COVER LEVEL | 43.730                    | (m)Site BM |              |
| USE               | Surface | SHAPE       | Double Cover              |            |              |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |
| SHAFT SIZE (mm)   |         | x           |                           | Square     | ACCESS       |
| CHAMBER SIZE (mm) |         | x           |                           | Circle     | CONSTRUCTION |
|                   |         |             |                           |            | Brick        |

| UPSTREAM Ref.   | DEPTH | IL | SHAPE | SIZE | MATERIAL |
|-----------------|-------|----|-------|------|----------|
|                 | a     |    |       |      |          |
|                 | b     |    |       |      |          |
|                 | c     |    |       |      |          |
|                 | d     |    |       |      |          |
|                 | e     |    |       |      |          |
|                 | f     |    |       |      |          |
|                 | g     |    |       |      |          |
| DOWNSTREAM Ref. | DEPTH | IL | SHAPE | SIZE | MATERIAL |
| MH013           | x     |    | C     | 1050 | Co       |
|                 | y     |    |       |      |          |
|                 | z     |    |       |      |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

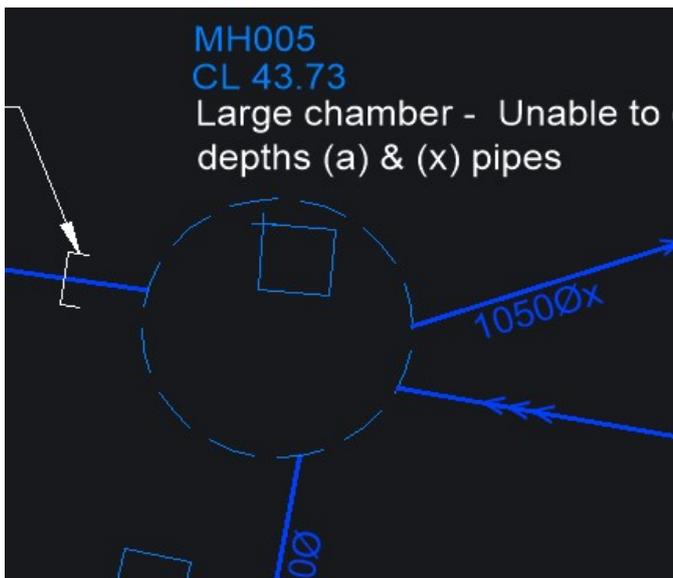


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|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH007   | LOCATION    | X=423403.378 Y=419748.918 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 49.240                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1900    | x           | 1300                      | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| Unknown           | a       | 2.20        | 47.04                     | C          | 225          | VC       |
| MH008             | b       | 2.70        | 46.54                     | C          | 400          | VC       |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH006             | x       | 2.74        | 46.50                     | C          | 600          | VC       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

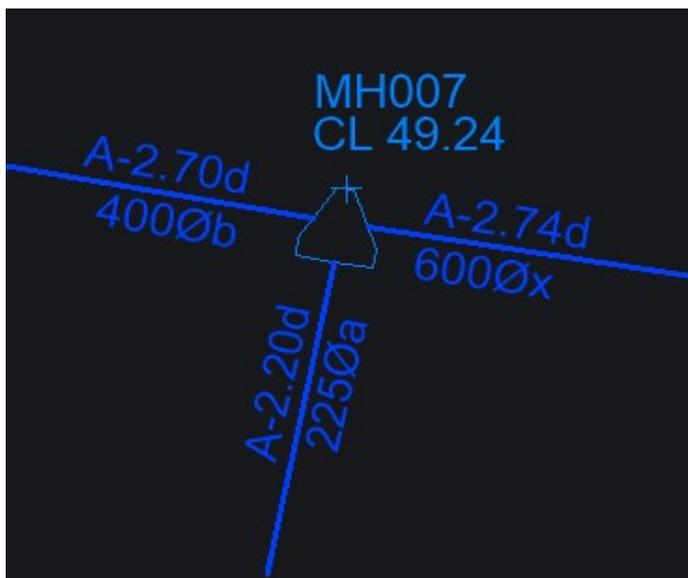


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Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH010   | LOCATION    | X=423013.350 Y=419772.700 |            |              |          |
| GROUND MATERIAL   | Soil    | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.870                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 700     | x           | 600                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH006             | a 1.70  | 43.17       | C                         | 600        |              | Co       |
|                   | b       |             |                           |            |              |          |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH011             | x 1.72  | 43.15       | C                         | 600        |              | Co       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH012   | LOCATION    | X=423453.031 Y=419751.234 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 43.720                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1200    | x           | 1100                      | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH055 (UTR)       | a 2.06  | 41.66       | C                         | 375        |              | Co       |
|                   | b       |             |                           |            |              |          |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH013             | x 2.08  | 41.64       | C                         | 375        |              | Co       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

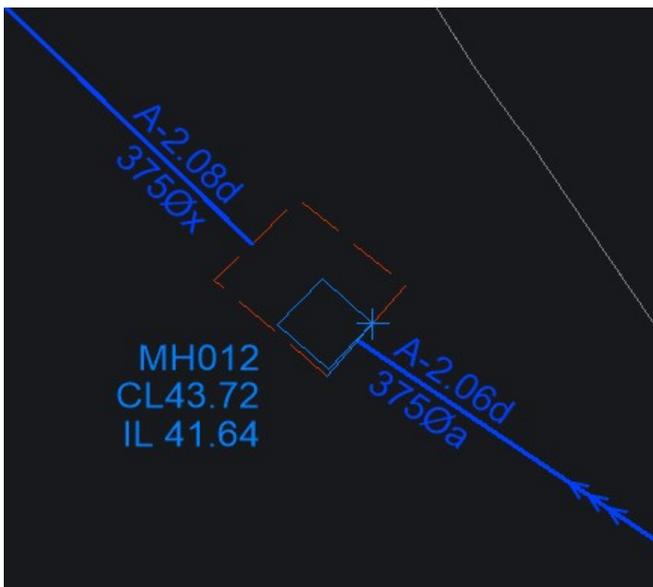


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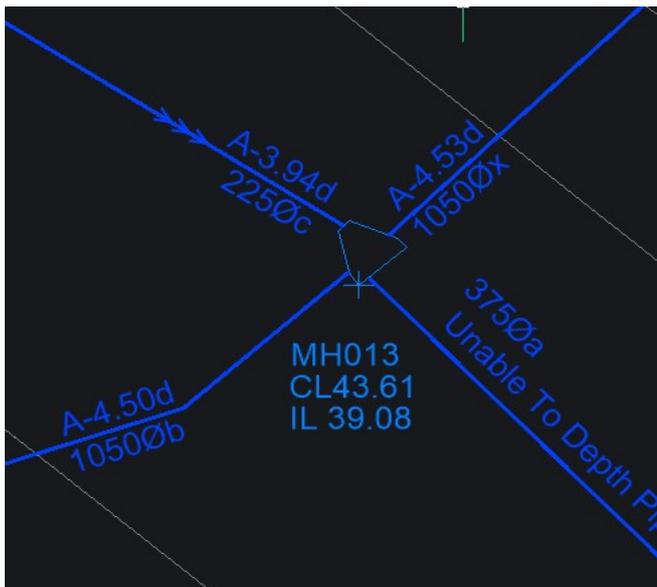
Notes:

**MANHOLE CARD.**

|                   |         |             |                           |              |            |          |
|-------------------|---------|-------------|---------------------------|--------------|------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |              |            |          |
| MANHOLE NO.       | MH013   | LOCATION    | X=423429.089 Y=419770.553 |              |            |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |              |            |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 43.560                    | (m)Site BM   |            |          |
| USE               | Surface | SHAPE       | Double Cover              |              |            |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No           |            |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS       | Step Irons |          |
| CHAMBER SIZE (mm) |         | x           |                           | CONSTRUCTION | Brick      |          |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| MH012             | a       |             |                           | C            | 375        | Co       |
| MH005             | b       | 4.50        | 39.06                     | C            | 1050       | Co       |
| MH013A            | c       | 3.94        | 39.62                     | C            | 375        | Co       |
|                   | d       |             |                           |              |            |          |
|                   | e       |             |                           |              |            |          |
|                   | f       |             |                           |              |            |          |
|                   | g       |             |                           |              |            |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| MH014             | x       | 4.54        | 39.02                     | C            | 1050       | Co       |
|                   | y       |             |                           |              |            |          |
|                   | z       |             |                           |              |            |          |

**MANHOLE SKETCH & NOTES**

**Sketch Plan**



**Photo / Location Sketch**



**Notes: Traffic Sensitive**

**MANHOLE CARD.**

|                   |          |             |                              |            |              |            |
|-------------------|----------|-------------|------------------------------|------------|--------------|------------|
| JOB NO.           | GR29565  | CLIENT      | AECOM                        |            |              |            |
| MANHOLE NO.       | MH014    | LOCATION    | Factory / Works (Forge Lane) |            |              |            |
| GROUND MATERIAL   | Concrete | SURVEY DATE | 10.01.2022                   |            |              |            |
| COVER DUTY        | Heavy    | COVER LEVEL |                              | (m)Site BM |              |            |
| USE               | Surface  | SHAPE       | Double Cover                 |            |              |            |
| COVER SIZE (mm)   | 900      | x           | 900                          | Square     | No           |            |
| SHAFT SIZE (mm)   | 660      | x           | 660                          | Square     | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) |          | x           |                              |            | CONSTRUCTION | Brick      |
| UPSTREAM Ref.     |          | DEPTH       | IL                           | SHAPE      | SIZE         | MATERIAL   |
| MH013             | a        | 4.98        |                              | C          | 1050         | Co         |
| Unknown           | b        | 4.97        |                              | C          | 525          | Co         |
|                   | c        |             |                              |            |              |            |
|                   | d        |             |                              |            |              |            |
|                   | e        |             |                              |            |              |            |
|                   | f        |             |                              |            |              |            |
|                   | g        |             |                              |            |              |            |
| DOWNSTREAM Ref.   |          | DEPTH       | IL                           | SHAPE      | SIZE         | MATERIAL   |
| MH015             | x        | 5.00        |                              | C          | 1380         | Co         |
|                   | y        |             |                              |            |              |            |
|                   | z        |             |                              |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan

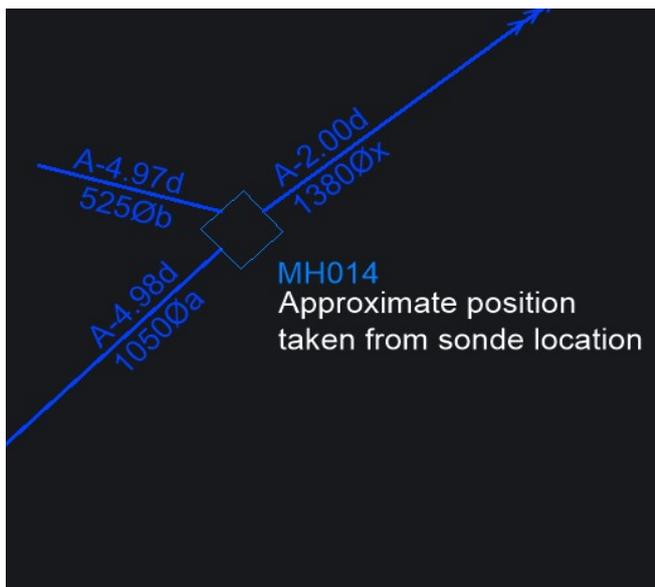


Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |          |
| MANHOLE NO.       | MH015   | LOCATION    | X=423648.260 Y=419935.880 |            |              |          |          |
| GROUND MATERIAL   | Soil    | SURVEY DATE | 10.01.2022                |            |              |          |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 42.940                    | (m)Site BM |              |          |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |          |
| SHAFT SIZE (mm)   | 700     | x           | 700                       | Square     | ACCESS       |          |          |
| CHAMBER SIZE (mm) | 4000    | x           | 3500                      | Rectangle  | CONSTRUCTION | Concrete |          |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         |          | MATERIAL |
| MH014             | a       | 5.55        | 37.39                     | C          | 1380         |          | Co       |
|                   | b       |             |                           |            |              |          |          |
|                   | c       |             |                           |            |              |          |          |
|                   | d       |             |                           |            |              |          |          |
|                   | e       |             |                           |            |              |          |          |
|                   | f       |             |                           |            |              |          |          |
|                   | g       |             |                           |            |              |          |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         |          | MATERIAL |
| MH016             | x       | 5.60        | 37.34                     | C          | 835          |          | CI       |
| MH016             | y       | 5.60        | 37.34                     | C          | 835          |          | CI       |
|                   | z       |             |                           |            |              |          |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



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Notes:

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|                   |         |             |                           |              |            |
|-------------------|---------|-------------|---------------------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |              |            |
| MANHOLE NO.       | MH016   | LOCATION    | X=423689.350 Y=419961.527 |              |            |
| GROUND MATERIAL   | Soil    | SURVEY DATE | 10.01.2022                |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 42.680                    | (m)Site BM   |            |
| USE               | Surface | SHAPE       | Double Cover              |              |            |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No           |            |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) |         | x           |                           | CONSTRUCTION | Brick      |

| UPSTREAM Ref.   |   | DEPTH | IL    | SHAPE | SIZE | MATERIAL |
|-----------------|---|-------|-------|-------|------|----------|
| MH015           | a | 6.56  | 36.12 | C     | 835  | CI       |
| MH015           | b | 6.56  | 36.12 | C     | 835  | CI       |
|                 | c |       |       |       |      |          |
|                 | d |       |       |       |      |          |
|                 | e |       |       |       |      |          |
|                 | f |       |       |       |      |          |
|                 | g |       |       |       |      |          |
| DOWNSTREAM Ref. |   | DEPTH | IL    | SHAPE | SIZE | MATERIAL |
| MH017           | x | 6.58  | 36.10 | C     | 1380 | Co       |
|                 | y |       |       |       |      |          |
|                 | z |       |       |       |      |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

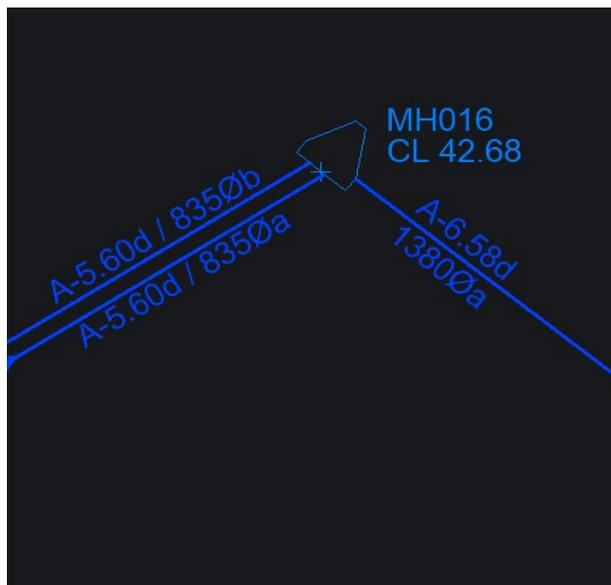


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|                   |         |             |                           |            |              |            |
|-------------------|---------|-------------|---------------------------|------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |            |
| MANHOLE NO.       | MH018   | LOCATION    | X=423451.112 Y=419379.450 |            |              |            |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 55.100                    | (m)Site BM |              |            |
| USE               | Surface | SHAPE       | Double Cover              |            |              |            |
| COVER SIZE (mm)   | 680     | x           | 520                       | Rectangle  | No           |            |
| SHAFT SIZE (mm)   | 600     | x           | 470                       | Rectangle  | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) | 1000    | x           | 1000                      | Square     | CONSTRUCTION | Brick      |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| MH019             | a 1.58  | 53.52       | C                         | 300        |              | VC         |
|                   | b       |             |                           |            |              |            |
|                   | c       |             |                           |            |              |            |
|                   | d       |             |                           |            |              |            |
|                   | e       |             |                           |            |              |            |
|                   | f       |             |                           |            |              |            |
|                   | g       |             |                           |            |              |            |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| MH018A            | x 1.60  | 53.50       | C                         | 300        |              | VC         |
|                   | y       |             |                           |            |              |            |
|                   | z       |             |                           |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan

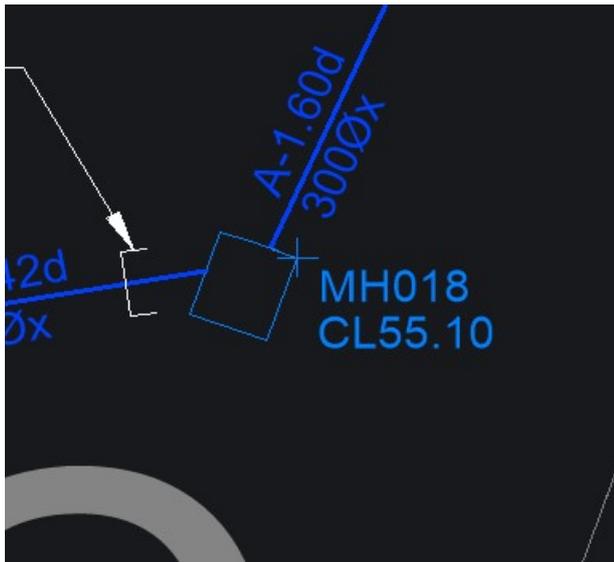


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|                   |         |             |                           |            |              |            |
|-------------------|---------|-------------|---------------------------|------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |            |
| MANHOLE NO.       | MH019   | LOCATION    | X=423448.352 Y=419378.578 |            |              |            |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 55.160                    | (m)Site BM |              |            |
| USE               | Surface | SHAPE       | Double Cover              |            |              |            |
| COVER SIZE (mm)   | 670     | x           | 520                       | Rectangle  | No           |            |
| SHAFT SIZE (mm)   |         | x           |                           | Square     | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) | 1260    | x           | 800                       | Rectangle  | CONSTRUCTION | Concrete   |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL   |
| MH019A            | a       | 1.39        | 53.77                     | C          | 300          | VC         |
|                   | b       |             |                           |            |              |            |
|                   | c       |             |                           |            |              |            |
|                   | d       |             |                           |            |              |            |
|                   | e       |             |                           |            |              |            |
|                   | f       |             |                           |            |              |            |
|                   | g       |             |                           |            |              |            |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL   |
| MH018             | x       | 1.42        | 53.74                     | C          | 300          | VC         |
|                   | y       |             |                           |            |              |            |
|                   | z       |             |                           |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan



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Notes:

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|                   |         |             |                           |              |            |          |
|-------------------|---------|-------------|---------------------------|--------------|------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |              |            |          |
| MANHOLE NO.       | MH019A  | LOCATION    | X=423420.120 Y=419383.571 |              |            |          |
| GROUND MATERIAL   |         | SURVEY DATE | 10.01.2022                |              |            |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 55.710                    | (m)Site BM   |            |          |
| USE               | Surface | SHAPE       | Double Cover              |              |            |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No           |            |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS       | Step Irons |          |
| CHAMBER SIZE (mm) | 1200    | x           | Circle                    | CONSTRUCTION | Concrete   |          |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| Unknown           | a       | 1.48        | 54.23                     | C            | 300        | VC       |
|                   | b       |             |                           |              |            |          |
|                   | c       |             |                           |              |            |          |
|                   | d       |             |                           |              |            |          |
|                   | e       |             |                           |              |            |          |
|                   | f       |             |                           |              |            |          |
|                   | g       |             |                           |              |            |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| MH019             | x       | 1.50        | 54.21                     | C            | 300        | VC       |
|                   | y       |             |                           |              |            |          |
|                   | z       |             |                           |              |            |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

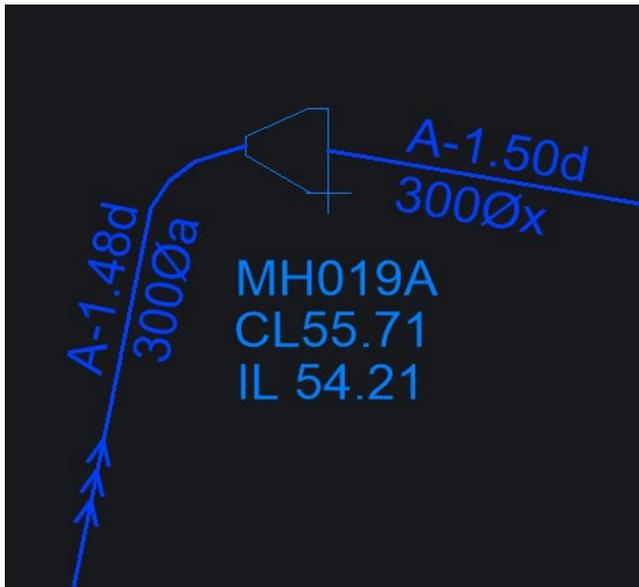


Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |            |
|-------------------|---------|-------------|---------------------------|------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |            |
| MANHOLE NO.       | MH020   | LOCATION    | X=423451.300 Y=419379.450 |            |              |            |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 48.820                    | (m)Site BM |              |            |
| USE               | Surface | SHAPE       | Double Cover              |            |              |            |
| COVER SIZE (mm)   | 630     | x           | 630                       | Square     | No           |            |
| SHAFT SIZE (mm)   | 650     | x           | 500                       | Rectangle  | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) | 900     | x           | 900                       | Square     | CONSTRUCTION | Brick      |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| Unknown           | a       | 1.58        | 47.24                     | C          | 150          | VC         |
| MH020A            | b       | 1.59        | 47.23                     | C          | 300          | VC         |
|                   | c       |             |                           |            |              |            |
|                   | d       |             |                           |            |              |            |
|                   | e       |             |                           |            |              |            |
|                   | f       |             |                           |            |              |            |
|                   | g       |             |                           |            |              |            |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| MH021             | x       | 1.60        | 47.22                     | C          | 300          | VC         |
|                   | y       |             |                           |            |              |            |
|                   | z       |             |                           |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan

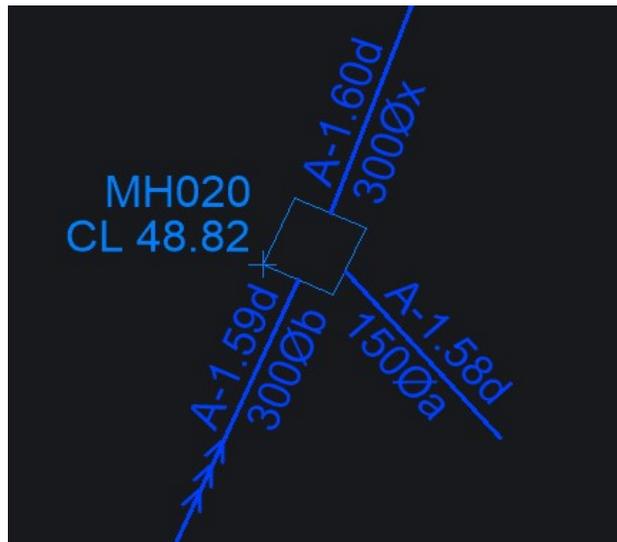


Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |            |
|-------------------|---------|-------------|---------------------------|------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |            |
| MANHOLE NO.       | MH021   | LOCATION    | X=423506.540 Y=419538.160 |            |              |            |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 46.760                    | (m)Site BM |              |            |
| USE               | Surface | SHAPE       | Double Cover              |            |              |            |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |            |
| SHAFT SIZE (mm)   | 600     | x           | 500                       | Rectangle  | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) | 1000    | x           | 1000                      | Square     | CONSTRUCTION | Brick      |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| MH020             | a 1.65  | 45.11       | C                         | 300        |              | VC         |
| Unknown           | b 1.57  | 45.19       | C                         | 150        |              | VC         |
|                   | c       |             |                           |            |              |            |
|                   | d       |             |                           |            |              |            |
|                   | e       |             |                           |            |              |            |
|                   | f       |             |                           |            |              |            |
|                   | g       |             |                           |            |              |            |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL   |
| MH022             | x 1.66  | 45.10       | C                         | 300        |              | VC         |
|                   | y       |             |                           |            |              |            |
|                   | z       |             |                           |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |            |
|-------------------|---------|-------------|---------------------------|------------|--------------|------------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |            |
| MANHOLE NO.       | MH022   | LOCATION    | X=423527.940 Y=419595.940 |            |              |            |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |            |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.80                     | (m)Site BM |              |            |
| USE               | Surface | SHAPE       | Double Cover              |            |              |            |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |            |
| SHAFT SIZE (mm)   | 600     | x           | 600                       | Square     | ACCESS       | Step Irons |
| CHAMBER SIZE (mm) | 1200    | x           | 800                       | Rectangle  | CONSTRUCTION | Brick      |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL   |
| Unknown           | a       | 2.36        | 42.44                     | C          | 375          | Co         |
| MH021             | b       | 2.35        | 42.45                     | C          | 300          | VC         |
|                   | c       |             |                           |            |              |            |
|                   | d       |             |                           |            |              |            |
|                   | e       |             |                           |            |              |            |
|                   | f       |             |                           |            |              |            |
|                   | g       |             |                           |            |              |            |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL   |
| MH054             | x       | 2.37        | 42.43                     | C          | 375          | Co         |
|                   | y       |             |                           |            |              |            |
|                   | z       |             |                           |            |              |            |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH023   | LOCATION    | X=423840.660 Y=419528.970 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.760                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1200    | x           |                           | Circle     | CONSTRUCTION | Concrete |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| Unknown           | a       | 1.50        | 43.26                     | C          | 450          | VC       |
| MH024             | b       | 1.72        | 43.04                     | C          | 450          | VC       |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH026             | x       | 1.74        | 43.02                     | C          | 450          | VC       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH025   | LOCATION    | X=423829.750 Y=419417.600 |            |              |          |
| GROUND MATERIAL   | Grass   | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 47.880                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     |              |          |
| CHAMBER SIZE (mm) | 1300    | x           | 900                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| Non Return Valve  | a       | 1.10        | 46.78                     | C          | 450          | VC       |
| Non Return Valve  | b       | 1.00        | 46.88                     | C          | 150          | VC       |
| Unknown           | c       | 1.07        | 46.81                     | C          | 300          | VC       |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH024 (UTR)       | x       | 1.13        | 46.75                     | C          | 450          | VC       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH026   | LOCATION    | X=423829.750 Y=419417.600 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 42.260                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | 600                       | Square     | No           |          |
| SHAFT SIZE (mm)   |         | x           |                           | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1800    | x           |                           | Circle     | CONSTRUCTION | Concrete |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       | MATERIAL     |          |
| a                 | 2.94    | 39.32       | C                         | 450        | VC           |          |
| b                 |         |             |                           |            |              |          |
| c                 |         |             |                           |            |              |          |
| d                 |         |             |                           |            |              |          |
| e                 |         |             |                           |            |              |          |
| f                 |         |             |                           |            |              |          |
| g                 |         |             |                           |            |              |          |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       | MATERIAL     |          |
| x                 | 2.96    | 39.30       | C                         | 450        | VC           |          |
| y                 |         |             |                           |            |              |          |
| z                 |         |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                |                |               |              |
|----------------|----------------|---------------|--------------|
| <b>JOB NO.</b> | <b>GR29565</b> | <b>CLIENT</b> | <b>AECOM</b> |
|----------------|----------------|---------------|--------------|

|                    |              |                 |                                  |
|--------------------|--------------|-----------------|----------------------------------|
| <b>MANHOLE NO.</b> | <b>MH028</b> | <b>LOCATION</b> | <b>X=424115.320 Y=420201.480</b> |
|--------------------|--------------|-----------------|----------------------------------|

|                        |               |                    |                   |
|------------------------|---------------|--------------------|-------------------|
| <b>GROUND MATERIAL</b> | <b>Tarmac</b> | <b>SURVEY DATE</b> | <b>10.01.2022</b> |
|------------------------|---------------|--------------------|-------------------|

|                   |              |                    |                          |
|-------------------|--------------|--------------------|--------------------------|
| <b>COVER DUTY</b> | <b>Heavy</b> | <b>COVER LEVEL</b> | <b>42.420 (m)Site BM</b> |
|-------------------|--------------|--------------------|--------------------------|

|            |                |
|------------|----------------|
| <b>USE</b> | <b>Surface</b> |
|------------|----------------|

|                        |            |          |            |               |                     |
|------------------------|------------|----------|------------|---------------|---------------------|
| <b>COVER SIZE (mm)</b> | <b>600</b> | <b>x</b> | <b>600</b> | <b>SHAPE</b>  | <b>Double Cover</b> |
|                        |            |          |            | <b>Square</b> | <b>No</b>           |

|                        |            |          |            |               |               |                   |
|------------------------|------------|----------|------------|---------------|---------------|-------------------|
| <b>SHAFT SIZE (mm)</b> | <b>590</b> | <b>x</b> | <b>590</b> | <b>SHAPE</b>  | <b>ACCESS</b> | <b>Step Irons</b> |
|                        |            |          |            | <b>Square</b> |               |                   |

|                          |  |          |  |               |                     |              |
|--------------------------|--|----------|--|---------------|---------------------|--------------|
| <b>CHAMBER SIZE (mm)</b> |  | <b>x</b> |  | <b>Circle</b> | <b>CONSTRUCTION</b> | <b>Brick</b> |
|                          |  |          |  |               |                     |              |

| UPSTREAM Ref. | DEPTH | IL    | SHAPE | SIZE | MATERIAL |
|---------------|-------|-------|-------|------|----------|
| a             | 7.40  | 35.02 |       |      |          |
| b             |       |       |       |      |          |
| c             |       |       |       |      |          |
| d             |       |       |       |      |          |
| e             |       |       |       |      |          |
| f             |       |       |       |      |          |
| g             |       |       |       |      |          |

| DOWNSTREAM Ref. | DEPTH | IL    | SHAPE | SIZE | MATERIAL |
|-----------------|-------|-------|-------|------|----------|
| x               | 7.40  | 35.02 |       |      |          |
| y               |       |       |       |      |          |
| z               |       |       |       |      |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

Photo / Location Sketch



**Notes: Evidence of FW entering chamber / culvert**

**MANHOLE CARD.**

|                   |         |             |                           |              |            |          |
|-------------------|---------|-------------|---------------------------|--------------|------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |              |            |          |
| MANHOLE NO.       | MH029   | LOCATION    | X=423871.060 Y=419969.040 |              |            |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |              |            |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 39.470                    | (m)Site BM   |            |          |
| USE               | Surface | SHAPE       | Double Cover              |              |            |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No           |            |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS       | Step Irons |          |
| CHAMBER SIZE (mm) |         | x           | Circle                    | CONSTRUCTION | Brick      |          |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| Unknown           | a       | 2.30        | 37.17                     |              | 300        |          |
| Unknown           | b       | 1.98        | 37.49                     |              | 150        |          |
| Unknown           | c       | 1.50        | 37.97                     |              | 150        |          |
|                   | d       |             |                           |              |            |          |
|                   | e       |             |                           |              |            |          |
|                   | f       |             |                           |              |            |          |
|                   | g       |             |                           |              |            |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE        | SIZE       | MATERIAL |
| Unknown           | x       | 2.32        | 37.15                     | C            | 300        |          |
|                   | y       |             |                           |              |            |          |
|                   | z       |             |                           |              |            |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH050   | LOCATION    | X=423165.822 Y=419786.193 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.040                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1300    | x           | 680                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| Unknown           | a 1.42  | 42.62       | C                         | 300        |              | VC       |
|                   | b       |             |                           |            |              |          |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH051             | x 1.44  | 42.60       | C                         | 300        |              | VC       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan

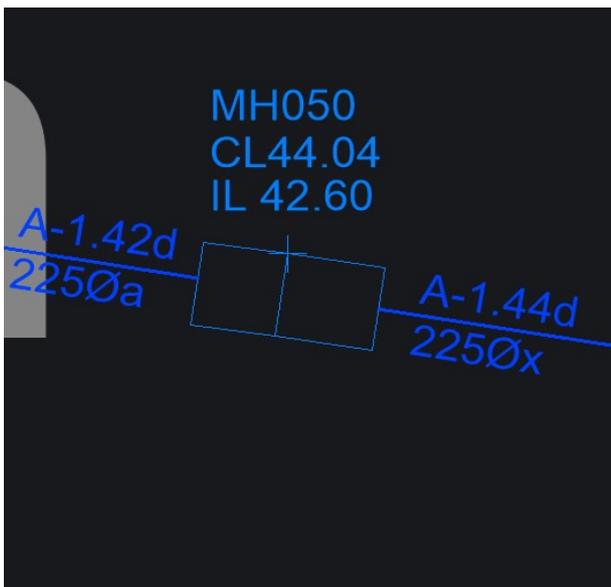


Photo / Location Sketch



Notes:

**MANHOLE CARD.**

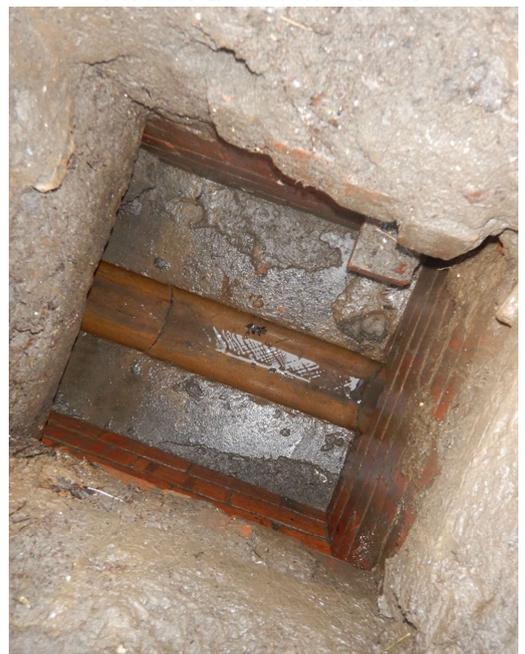
|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH051   | LOCATION    | X=423291.560 Y=419765.580 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 43.320                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1100    | x           | 900                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH050             | a 1.22  | 42.10       | C                         | 225        |              | VC       |
|                   | b       |             |                           |            |              |          |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   | DEPTH   | IL          | SHAPE                     | SIZE       |              | MATERIAL |
| MH005             | x 1.23  | 42.09       | C                         | 225        |              | VC       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes:

**MANHOLE CARD.**

|                   |         |             |                           |            |              |          |
|-------------------|---------|-------------|---------------------------|------------|--------------|----------|
| JOB NO.           | GR29565 | CLIENT      | AECOM                     |            |              |          |
| MANHOLE NO.       | MH054   | LOCATION    | X=423453.031 Y=419751.234 |            |              |          |
| GROUND MATERIAL   | Tarmac  | SURVEY DATE | 10.01.2022                |            |              |          |
| COVER DUTY        | Heavy   | COVER LEVEL | 44.830                    | (m)Site BM |              |          |
| USE               | Surface | SHAPE       | Double Cover              |            |              |          |
| COVER SIZE (mm)   | 600     | x           | Triangle                  | No         |              |          |
| SHAFT SIZE (mm)   |         | x           | Square                    | ACCESS     | Step Irons   |          |
| CHAMBER SIZE (mm) | 1100    | x           | 900                       | Rectangle  | CONSTRUCTION | Brick    |
| UPSTREAM Ref.     |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| Gully (Assumed)   | a       | 1.24        | 43.59                     | C          | 150          | VC       |
| MH022             | b       | 2.37        | 42.46                     | C          | 375          | Co       |
|                   | c       |             |                           |            |              |          |
|                   | d       |             |                           |            |              |          |
|                   | e       |             |                           |            |              |          |
|                   | f       |             |                           |            |              |          |
|                   | g       |             |                           |            |              |          |
| DOWNSTREAM Ref.   |         | DEPTH       | IL                        | SHAPE      | SIZE         | MATERIAL |
| MH055 (UTR)       | x       | 2.38        | 42.45                     | C          | 375          | Co       |
|                   | y       |             |                           |            |              |          |
|                   | z       |             |                           |            |              |          |

**MANHOLE SKETCH & NOTES**

Sketch Plan



Photo / Location Sketch



Notes: