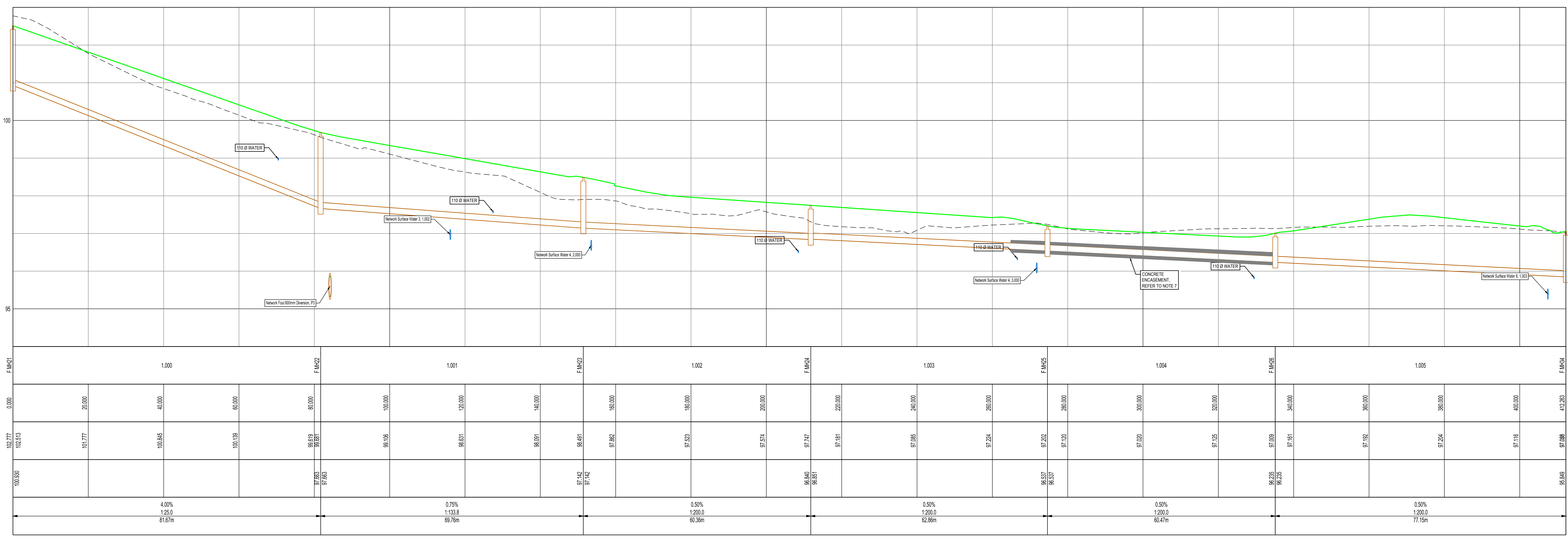


- NOTES**
- DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
 - TEMPORARY PROPPING TO BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
 - REFER TO DRAWING R1831-1001 FOR PHASE 1 FOUL NETWORK 1 AND 2 LAYOUT.
 - ALL EXISTING MANHOLE COVERS & ROOFS TO BE ADJUSTED TO SUIT NEW GROUND LEVELS.
 - RECESSED MANHOLES TO BE USED IN ALL AREAS WITH PAVERS.
 - ALL SURFACE WATER & FOUL SEWERS WITHIN 200mm OF FINISHED GROUND LEVEL TO BE ENCASED IN MINIMUM 100mm 20M10 CONCRETE.
 - ALL WORKS TO BE IN COMPLIANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE AND WASTEWATER INFRASTRUCTURE STANDARD DETAILS.

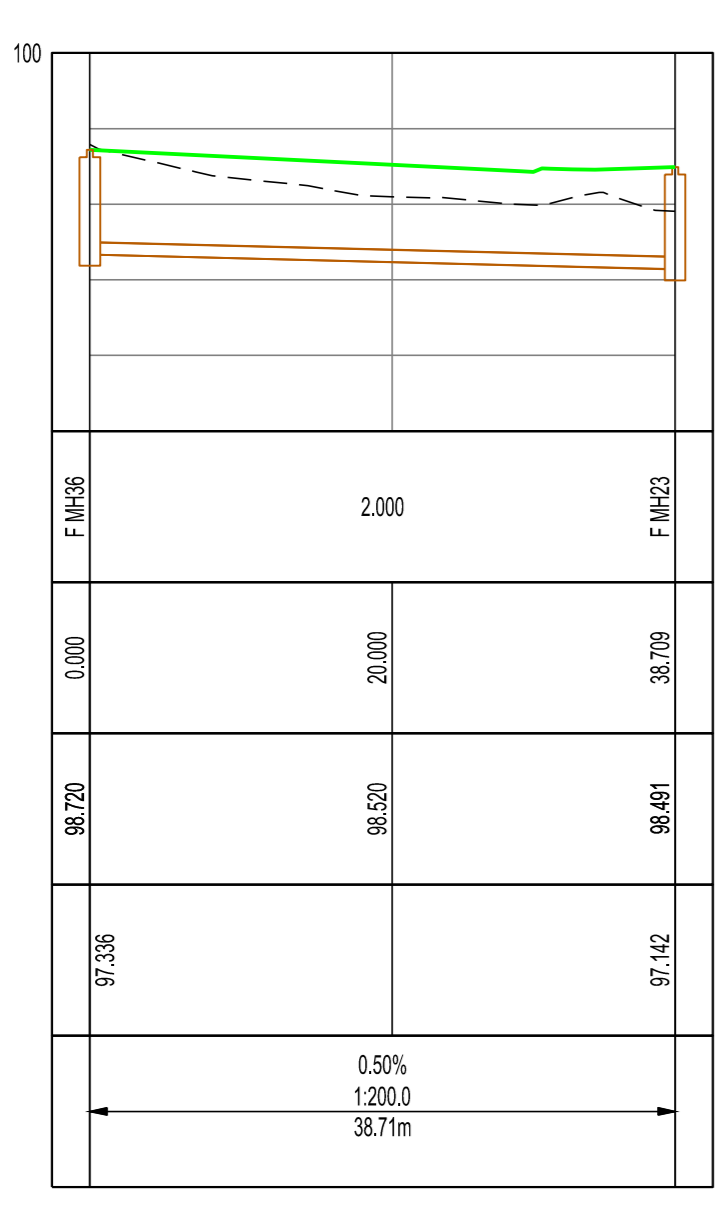


LONGSECTION F MH21 TO F MH46
FROM 0.000 TO 412.263

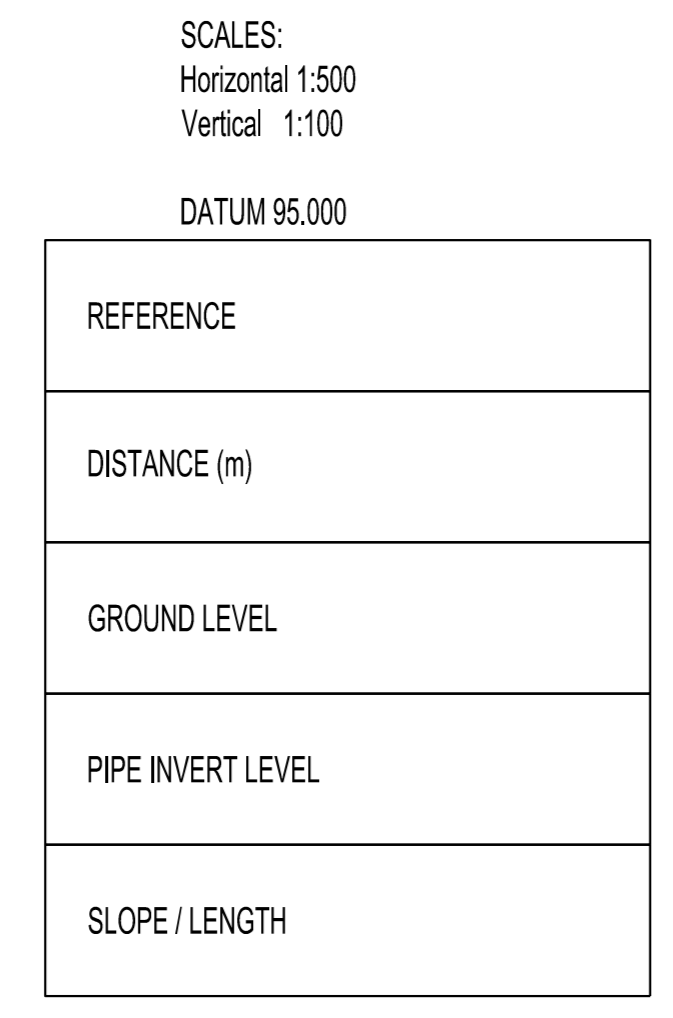
SCALES:
Horizontal 1:500
Vertical 1:50

DATUM 94.000

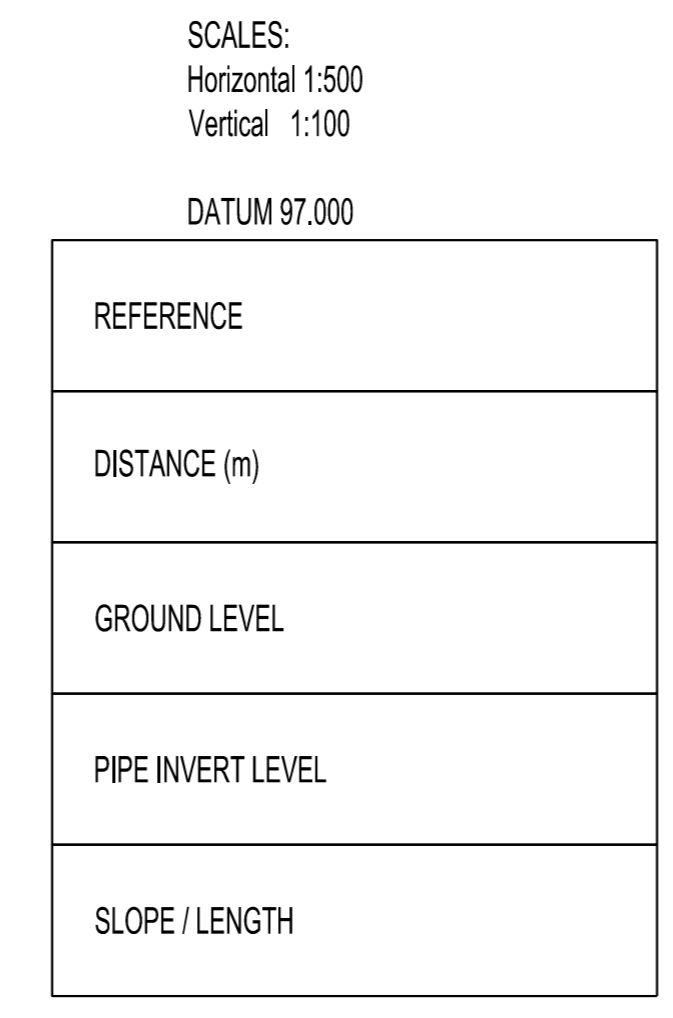
| REFERENCE | F MH21 | 1.000 | F MH22 | 1.001 | F MH23 | 1.002 | F MH24 | 1.003 | F MH25 | 1.004 | F MH26 | 1.005 | F MH27 |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| DISTANCE (m) | 0.000 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 140.000 | 160.000 | 180.000 | 200.000 | 220.000 | 240.000 |
| GROUND LEVEL | 102.571 | 101.777 | 100.845 | 100.139 | 99.591 | 99.106 | 98.631 | 98.161 | 97.695 | 97.234 | 96.778 | 96.326 | 95.878 |
| PIPE INVERT LEVEL | 103.530 | 102.823 | 102.116 | 101.409 | 100.702 | 100.000 | 99.293 | 98.586 | 97.879 | 97.172 | 96.465 | 95.758 | 95.051 |
| SLOPE / LENGTH | | 4.00% | 1.25% | 0.73% | 1.25% | 0.50% | 1.20% | 0.50% | 1.20% | 0.50% | 1.20% | 0.50% | 1.20% |



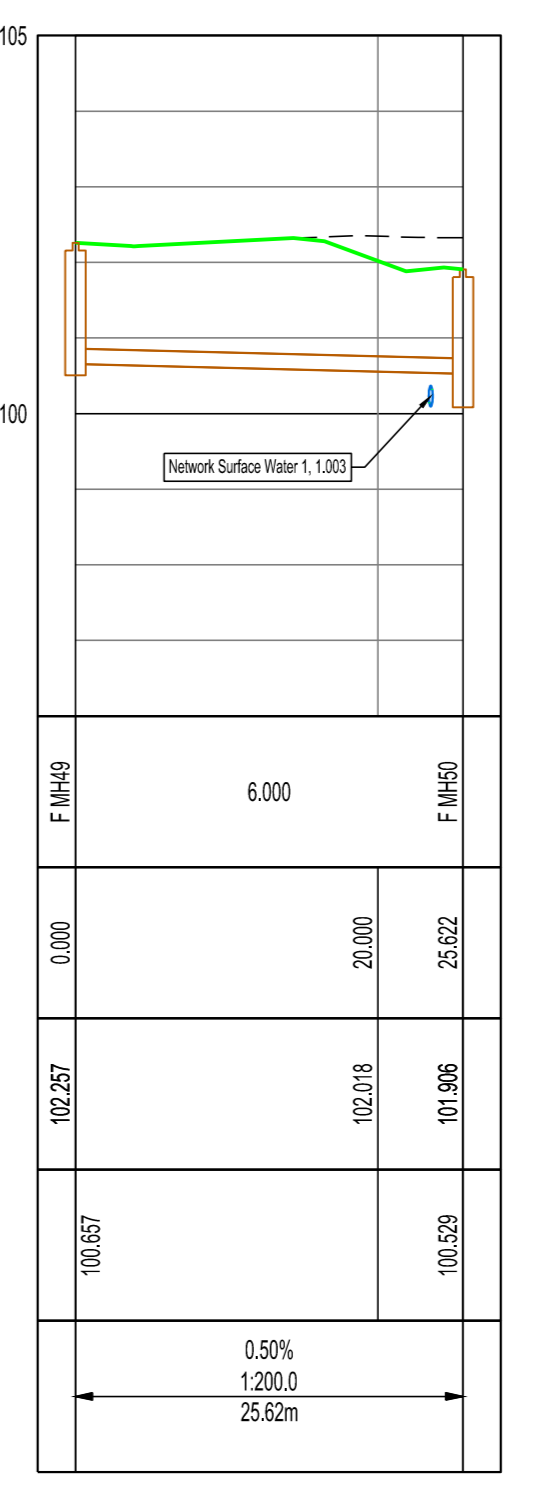
LONGSECTION F MH36 TO F MH23
FROM 0.000 TO 38.769



LONGSECTION F MH37 TO F MH25
FROM 0.000 TO 30.863



LONGSECTION F MH41 TO F MH28
FROM 0.000 TO 81.668



LONGSECTION F MH49 TO F MH50
FROM 0.000 TO 25.622

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 95.000

| REFERENCE | F MH36 | 2.000 | F MH23 | 2.001 |
|-------------------|--------|--------|--------|--------|
| DISTANCE (m) | 0.000 | 20.000 | 38.769 | 38.769 |
| GROUND LEVEL | 98.120 | 98.530 | 98.491 | 97.142 |
| PIPE INVERT LEVEL | 97.336 | 97.142 | 97.142 | 97.142 |
| SLOPE / LENGTH | | 0.50% | 1.20% | 1.33% |

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 95.000

| REFERENCE | F MH37 | 3.000 | F MH25 | 3.001 |
|-------------------|--------|--------|--------|--------|
| DISTANCE (m) | 0.000 | 20.000 | 30.863 | 30.863 |
| GROUND LEVEL | 98.241 | 97.467 | 97.292 | 96.537 |
| PIPE INVERT LEVEL | 96.691 | 96.537 | 96.537 | 96.537 |
| SLOPE / LENGTH | | 0.50% | 1.20% | 1.33% |

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 97.000

| REFERENCE | F MH41 | 5.000 | F MH28 | 5.001 |
|-------------------|---------|---------|---------|---------|
| DISTANCE (m) | 0.000 | 20.000 | 63.27m | 63.27m |
| GROUND LEVEL | 102.446 | 101.997 | 101.085 | 100.084 |
| PIPE INVERT LEVEL | 100.770 | 100.521 | 100.272 | 100.023 |
| SLOPE / LENGTH | | 3.00% | 1.33% | 1.33% |

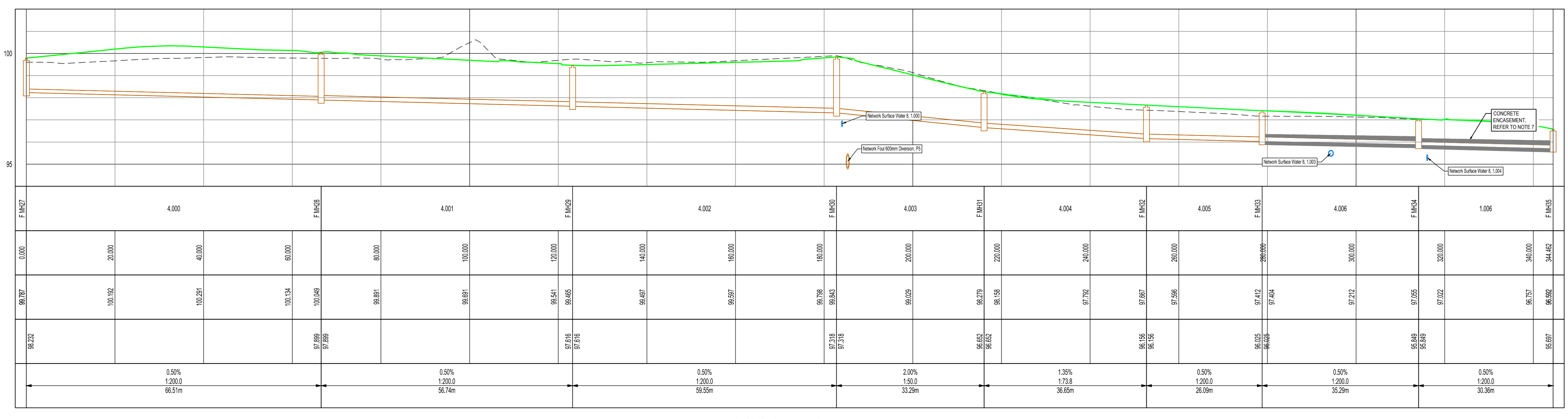
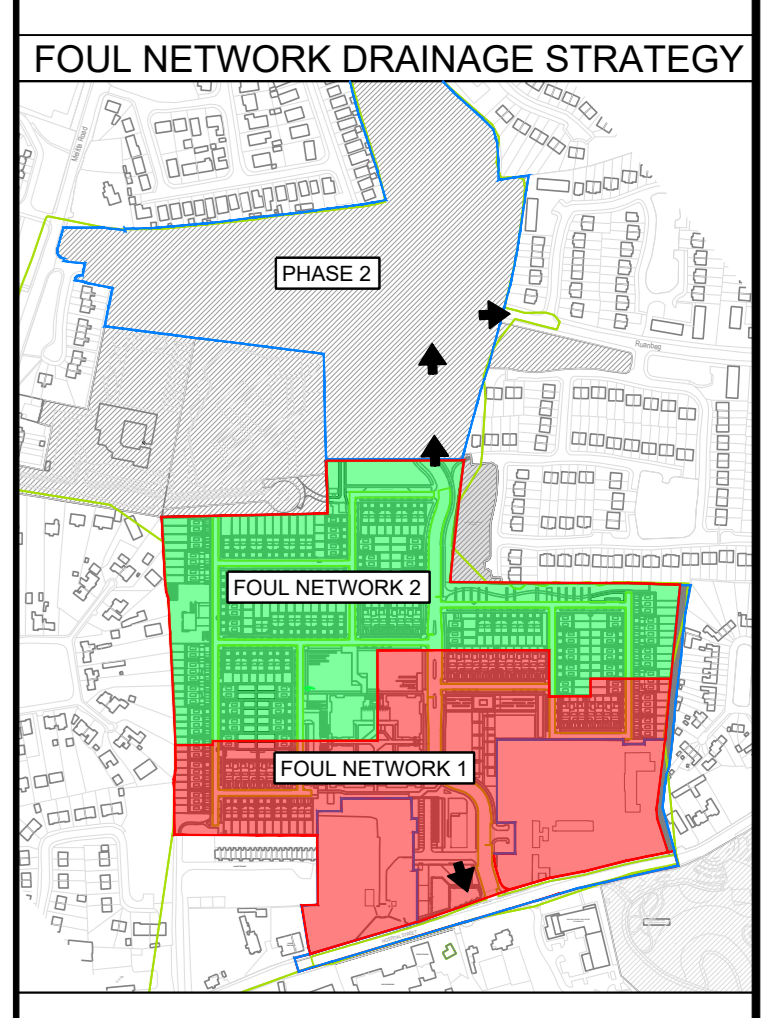
SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 96.000

| REFERENCE | F MH49 | 6.000 | F MH50 | 6.001 |
|-------------------|---------|---------|---------|---------|
| DISTANCE (m) | 0.000 | 20.000 | 25.622 | 25.622 |
| GROUND LEVEL | 102.267 | 102.018 | 101.086 | 100.086 |
| PIPE INVERT LEVEL | 100.657 | 100.408 | 100.159 | 100.159 |
| SLOPE / LENGTH | | 0.50% | 1.20% | 1.33% |

LEGEND

| | |
|---------------------------------|-----------|
| EXISTING GROUND LEVEL | ——— |
| PROPOSED FINISHED SURFACE LEVEL | - - - - - |



LONGSECTION F MH27 TO F MH35
FROM 0.000 TO 344.462

SCALES:
Horizontal 1:500
Vertical 1:100

DATUM 94.000

| REFERENCE | F MH27 | 4.000 | F MH28 | 4.001 | F MH29 | 4.002 | F MH30 | 4.003 | F MH31 | 4.004 | F MH32 | 4.005 | F MH33 | 4.006 | F MH34 | 1.006 | F MH35 |
|-------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| DISTANCE (m) | 0.000 | 20.000 | 40.000 | 60.000 | 80.000 | 100.000 | 120.000 | 140.000 | 160.000 | 180.000 | 200.000 | 220.000 | 240.000 | 260.000 | 280.000 | 300.000 | 344.462 |
| GROUND LEVEL | 98.222 | 100.192 | 102.291 | 103.124 | 102.249 | 99.591 | 99.106 | 98.631 | 98.161 | 97.695 | 97.234 | 96.778 | 96.326 | 95.878 | 95.426 | 94.974 | 94.522 |
| PIPE INVERT LEVEL | 98.222 | 97.696 | 97.170 | 96.644 | 96.118 | 95.592 | 95.066 | 94.540 | 94.014 | 93.488 | 92.962 | 92.436 | 91.910 | 91.384 | 90.858 | 90.332 | 90.806 |
| SLOPE / LENGTH | | 0.50% | 1.20% | 0.50% | 1.20% | 0.50% | 1.20% | 2.00% | 1.73% | 1.35% | 0.50% | 1.20% | 0.50% | 1.20% | 0.50% | 1.20% | 0.50% |

| | | | | | |
|-----|----------|--------------------------------|-----|-----|-----|
| REV | DATE | DESCRIPTION | DWG | APP | CHK |
| B | 07/07/18 | REVISED TO PLANS | JC | BM | |
| A | 17/05/18 | IRISH WATER DESIGN QA COMMENTS | JC | BM | |
| REV | DATE | DESCRIPTION | DWG | APP | CHK |
| | | | | | |

CLIENT: BALLYMOUNT PROPERTIES LTD.

ARCHITECT: RFD ARCHITECTS
59 NORTHUMBERLAND ROAD
DUBLIN 4

GARLAND

DUBLIN LIMERICK WATERFORD INTERNATIONAL
T: +353 1 4846422 F: +353 81 337878 T: +353 81 881111 T: +353 81 371878
E: info@garlandconsultancy.com W: www.garlandconsultancy.com

PROJECT: RESIDENTIAL AND NEIGHBOURHOOD CENTRE DEVELOPMENT (PHASE 1) AT FORMER MAGEE BARRACKS

TITLE: PHASE 1
FOUL NETWORK 2
LONGITUDINAL SECTIONS (SHEET 1 OF 2)

STATUS: **PLANNING APPLICATION**

DRAWN: SL DES: BY: BM
CHK: BY: BM APP: BY: CR
DATE: 17/04/19 JOB No:
AD SCALE: 1:500 @ A0 R1831
CRG. No. REV. B