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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| Name | Junction Type | Easting (m) | Northing (m) | Sealed | Cover Level (m) | Depth (m) | Invert Level (m) | Chamber Shape |
|------|---------------|-------------|--------------|-------------------------------------|-----------------|-----------|------------------|---------------|
| MH1 | Manhole | 232.695 | 228.710 | <input checked="" type="checkbox"/> | 72.550 | 1.244 | 71.306 | Circular |
| MH2 | Manhole | 271.074 | 228.549 | <input type="checkbox"/> | 72.550 | 1.500 | 71.050 | Circular |
| MH3 | Manhole | 272.929 | 255.963 | <input type="checkbox"/> | 72.600 | 1.450 | 71.150 | Circular |
| MH4 | Manhole | 271.477 | 262.090 | <input type="checkbox"/> | 72.860 | 2.010 | 70.850 | Circular |
| MH5 | Manhole | 313.192 | 261.664 | <input type="checkbox"/> | 72.600 | 1.920 | 70.680 | Circular |

| Name | Diameter (m) | Lock |
|------|--------------|------|
| MH1 | 1.200 | None |
| MH2 | 1.200 | None |
| MH3 | 1.200 | None |
| MH4 | 1.200 | None |
| MH5 | 1.200 | None |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Manhole Schedule Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| Name | Cover Level (m) Invert Level (m) | Manhole Size (m) | Connection Details | | | | Type |
|------------------------|-------------------------------------|-----------------------------|----------------------|-----------------|-----------------------|----------------------|---------------------|
| Coordinates (m) | Depth (m) | | Incoming Connections | Connection Type | Connection Invert (m) | Connection Size (mm) | Junction Type |
| | | | Outgoing Connections | | | | Cover |
| MH1 | 72.550 71.306 | Diameter / Length: 1.200 | | | | | Manhole - Sealed |
| E:232.695 N:228.710 | 1.244 | | {a} 1.000 | Pipe | 71.306 | Diam/Width:150 | Not Applicable |
| MH2 | 72.550 71.050 | Diameter / Length: 1.200 | {1} 1.000 | Pipe | 71.050 | Diam/Width:150 | Manhole |
| E:271.074 N:228.549 | 1.500 | | {a} 1.001 | Pipe | 71.050 | Diam/Width:450 | Not Applicable |
| MH3 | 72.600 71.150 | Diameter / Length: 1.200 | | | | | Manhole |
| E:272.929 N:255.963 | 1.450 | | {a} 2.000 | Pipe | 71.150 | Diam/Width:225 | Not Applicable |
| MH4 | 72.860 70.850 | Diameter / Length: 1.200 | {1} 1.001 | Pipe | 70.850 | Diam/Width:450 | Manhole |
| E:271.477 N:262.090 | 2.010 | | {2} 2.000 | Pipe | 70.850 | Diam/Width:225 | |
| | | | {a} Ex pipe | Pipe | 70.850 | Diam/Width:450 | Not Applicable |
| MH5 | 72.600 70.680 | Diameter / Length: 1.200 | {1} Ex pipe | Pipe | 70.680 | Diam/Width:450 | Manhole |
| E:313.192 N:261.664 | 1.920 | | | | | | Not Applicable |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflow Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| Inflow Label | Connected To | Flow (L/s) | Runoff Method | Area (ha) | Percentage Impervious (%) | Urban Creep (%) | Adjusted Percentage Impervious (%) | Area Analysed (ha) |
|--------------------|--------------|------------|-----------------------|--------------|---------------------------|-----------------|------------------------------------|--------------------|
| Catchment Area | MH1 | | Time of Concentration | 0.162 | 100 | 0 | 100 | 0.162 |
| Catchment Area (1) | MH2 | | Time of Concentration | 0.032 | 100 | 0 | 100 | 0.032 |
| Catchment Area (2) | MH4 | | Time of Concentration | 0.039 | 100 | 0 | 100 | 0.039 |
| Catchment Area (3) | MH4 | | Time of Concentration | 0.034 | 100 | 0 | 100 | 0.034 |
| TOTAL | | 0.0 | | 0.267 | | | | 0.267 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Network Design Criteria Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Flow Options


| | |
|---------------------------|-------------------------------|
| Peak Flow Calculation | (UK) Modified Rational Method |
| Min. Time of Entry (mins) | 5 |
| Max. Travel Time (mins) | 30 |

Pipe Options

| | |
|-----------------------|--------------------------|
| Lock Slope Options | None |
| Design Options | Minimise Excavation |
| Design Level | Level Soffits |
| Min. Cover Depth (m) | 1.200 |
| Min. Slope (1:X) | 500.00 |
| Max. Slope (1:X) | 40.00 |
| Min. Velocity (m/s) | 1.0 |
| Max. Velocity (m/s) | 3.0 |
| Use Flow Restriction | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

Manhole Options

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|--------------|--------------------------|
| Apply Offset | <input type="checkbox"/> |
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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Outfall Details Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |

Outfalls

| Outfall | Outfall Type | Gated | Fixed Surcharged Level (m) | Level Curve |
|---------|----------------|-------|----------------------------|-------------|
| MH5 | Free Discharge | | | |

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| Report Details: Type: Rainfall Analysis Criteria | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|---------------------------------|--------------------------|
| Runoff Type | Dynamic |
| Output Interval (mins) | 5 |
| Time Step | Default |
| Urban Creep | Apply Global Value |
| Urban Creep Global Value (%) | 0 |
| Junction Flood Risk Margin (mm) | 300 |
| Perform No Discharge Analysis | <input type="checkbox"/> |

Rainfall

FSR Type: FSR

| | |
|------------|-------------------------------------|
| Region | England And Wales |
| M5-60 (mm) | 18.8 |
| Ratio R | 0.303 |
| Summer | <input checked="" type="checkbox"/> |
| Winter | <input checked="" type="checkbox"/> |

Return Period

| Return Period (years) | Increase Rainfall (%) |
|-----------------------|-----------------------|
| 1.0 | 0.000 |
| 2.0 | 0.000 |
| 30.0 | 0.000 |
| 100.0 | 0.000 |

Storm Durations

| Duration (mins) | Run Time (mins) |
|-----------------|-----------------|
| 15 | 30 |
| 30 | 60 |
| 60 | 120 |
| 120 | 240 |
| 240 | 480 |
| 360 | 720 |
| 480 | 960 |
| 960 | 1920 |
| 1440 | 2880 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for Catchment Area: Rank By: Max. Inflow

| Storm Event | Inflow Area (ha) | Max. Inflow (L/s) | Total Inflow Volume (m³) |
|---------------------------------------------|------------------|-------------------|--------------------------|
| FSR: 1 years: +0 %: 15 mins: Summer | 0.16 | 18.0 | 8.065 |
| FSR: 1 years: +0 %: 15 mins: Winter | 0.16 | 19.1 | 9.045 |
| FSR: 1 years: +0 %: 30 mins: Summer | 0.16 | 12.6 | 10.955 |
| FSR: 1 years: +0 %: 30 mins: Winter | 0.16 | 13.3 | 12.270 |
| FSR: 1 years: +0 %: 60 mins: Summer | 0.16 | 11.6 | 14.550 |
| FSR: 1 years: +0 %: 60 mins: Winter | 0.16 | 10.5 | 16.302 |
| FSR: 1 years: +0 %: 120 mins: Summer | 0.16 | 9.0 | 19.050 |
| FSR: 1 years: +0 %: 120 mins: Winter | 0.16 | 7.3 | 21.354 |
| FSR: 1 years: +0 %: 240 mins: Summer | 0.16 | 6.4 | 24.816 |
| FSR: 1 years: +0 %: 240 mins: Winter | 0.16 | 4.8 | 27.804 |
| FSR: 1 years: +0 %: 360 mins: Summer | 0.16 | 5.1 | 28.626 |
| FSR: 1 years: +0 %: 360 mins: Winter | 0.16 | 3.7 | 32.058 |
| FSR: 1 years: +0 %: 480 mins: Summer | 0.16 | 4.3 | 31.674 |
| FSR: 1 years: +0 %: 480 mins: Winter | 0.16 | 3.1 | 35.496 |
| FSR: 1 years: +0 %: 960 mins: Summer | 0.16 | 2.8 | 40.500 |
| FSR: 1 years: +0 %: 960 mins: Winter | 0.16 | 2.0 | 45.360 |
| FSR: 1 years: +0 %: 1440 mins: Summer | 0.16 | 2.1 | 46.722 |
| FSR: 1 years: +0 %: 1440 mins: Winter | 0.16 | 1.5 | 52.350 |
| FSR: 2 years: +0 %: 15 mins: Summer | 0.16 | 23.2 | 10.454 |
| FSR: 2 years: +0 %: 15 mins: Winter | 0.16 | 24.4 | 11.706 |

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|-----------------------------------------------|------|------|--------|
| FSR: 2 years: +0 %: 30 mins: Summer | 0.16 | 16.3 | 14.134 |
| FSR: 2 years: +0 %: 30 mins: Winter | 0.16 | 17.2 | 15.835 |
| FSR: 2 years: +0 %: 60 mins: Summer | 0.16 | 14.8 | 18.502 |
| FSR: 2 years: +0 %: 60 mins: Winter | 0.16 | 13.3 | 20.724 |
| FSR: 2 years: +0 %: 120 mins: Summer | 0.16 | 11.3 | 23.772 |
| FSR: 2 years: +0 %: 120 mins: Winter | 0.16 | 9.1 | 26.628 |
| FSR: 2 years: +0 %: 240 mins: Summer | 0.16 | 7.8 | 30.306 |
| FSR: 2 years: +0 %: 240 mins: Winter | 0.16 | 5.9 | 33.930 |
| FSR: 2 years: +0 %: 360 mins: Summer | 0.16 | 6.1 | 34.704 |
| FSR: 2 years: +0 %: 360 mins: Winter | 0.16 | 4.5 | 38.862 |
| FSR: 2 years: +0 %: 480 mins: Summer | 0.16 | 5.2 | 38.166 |
| FSR: 2 years: +0 %: 480 mins: Winter | 0.16 | 3.8 | 42.756 |
| FSR: 2 years: +0 %: 960 mins: Summer | 0.16 | 3.3 | 48.090 |
| FSR: 2 years: +0 %: 960 mins: Winter | 0.16 | 2.4 | 53.856 |
| FSR: 2 years: +0 %: 1440 mins: Summer | 0.16 | 2.5 | 54.984 |
| FSR: 2 years: +0 %: 1440 mins: Winter | 0.16 | 1.8 | 61.596 |
| FSR: 30 years: +0 %: 15 mins: Summer | 0.16 | 44.0 | 19.732 |
| FSR: 30 years: +0 %: 15 mins: Winter | 0.16 | 46.4 | 22.093 |
| FSR: 30 years: +0 %: 30 mins: Summer | 0.16 | 31.1 | 26.921 |
| FSR: 30 years: +0 %: 30 mins: Winter | 0.16 | 32.7 | 30.152 |
| FSR: 30 years: +0 %: 60 mins: Summer | 0.16 | 28.2 | 35.242 |

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|-------------------------------------------------|------|------|---------|
| FSR: 30 years: +0 %: 60 mins: Winter | 0.16 | 25.4 | 39.474 |
| FSR: 30 years: +0 %: 120 mins: Summer | 0.16 | 21.3 | 44.767 |
| FSR: 30 years: +0 %: 120 mins: Winter | 0.16 | 17.1 | 50.136 |
| FSR: 30 years: +0 %: 240 mins: Summer | 0.16 | 14.3 | 55.313 |
| FSR: 30 years: +0 %: 240 mins: Winter | 0.16 | 10.8 | 61.950 |
| FSR: 30 years: +0 %: 360 mins: Summer | 0.16 | 11.0 | 62.334 |
| FSR: 30 years: +0 %: 360 mins: Winter | 0.16 | 8.1 | 69.804 |
| FSR: 30 years: +0 %: 480 mins: Summer | 0.16 | 9.2 | 67.710 |
| FSR: 30 years: +0 %: 480 mins: Winter | 0.16 | 6.7 | 75.852 |
| FSR: 30 years: +0 %: 960 mins: Summer | 0.16 | 5.6 | 82.338 |
| FSR: 30 years: +0 %: 960 mins: Winter | 0.16 | 4.1 | 92.232 |
| FSR: 30 years: +0 %: 1440 mins: Summer | 0.16 | 4.2 | 92.082 |
| FSR: 30 years: +0 %: 1440 mins: Winter | 0.16 | 3.0 | 103.092 |
| FSR: 100 years: +0 %: 15 mins: Summer | 0.16 | 57.0 | 25.456 |
| FSR: 100 years: +0 %: 15 mins: Winter | 0.16 | 60.0 | 28.510 |
| FSR: 100 years: +0 %: 30 mins: Summer | 0.16 | 40.5 | 35.115 |
| FSR: 100 years: +0 %: 30 mins: Winter | 0.16 | 42.6 | 39.328 |

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|--------------------------------------------------|------|------|---------|
| FSR: 100 years: +0 %: 60 mins: Summer | 0.16 | 37.1 | 46.290 |
| FSR: 100 years: +0 %: 60 mins: Winter | 0.16 | 33.4 | 51.849 |
| FSR: 100 years: +0 %: 120 mins: Summer | 0.16 | 27.9 | 58.852 |
| FSR: 100 years: +0 %: 120 mins: Winter | 0.16 | 22.5 | 65.911 |
| FSR: 100 years: +0 %: 240 mins: Summer | 0.16 | 18.7 | 71.957 |
| FSR: 100 years: +0 %: 240 mins: Winter | 0.16 | 14.0 | 80.610 |
| FSR: 100 years: +0 %: 360 mins: Summer | 0.16 | 14.3 | 80.526 |
| FSR: 100 years: +0 %: 360 mins: Winter | 0.16 | 10.5 | 90.174 |
| FSR: 100 years: +0 %: 480 mins: Summer | 0.16 | 11.8 | 87.018 |
| FSR: 100 years: +0 %: 480 mins: Winter | 0.16 | 8.6 | 97.446 |
| FSR: 100 years: +0 %: 960 mins: Summer | 0.16 | 7.1 | 104.250 |
| FSR: 100 years: +0 %: 960 mins: Winter | 0.16 | 5.1 | 116.736 |
| FSR: 100 years: +0 %: 1440 mins: Summer | 0.16 | 5.2 | 115.374 |
| FSR: 100 years: +0 %: 1440 mins: Winter | 0.16 | 3.8 | 129.276 |

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Summary Results for Catchment Area (1): Rank By: Max. Inflow

| Storm Event | Inflow Area (ha) | Max. Inflow (L/s) | Total Inflow Volume (m³) |
|---------------------------------------------|------------------|-------------------|--------------------------|
| FSR: 1 years: +0 %: 15 mins: Summer | 0.03 | 3.5 | 1.581 |
| FSR: 1 years: +0 %: 15 mins: Winter | 0.03 | 3.7 | 1.778 |
| FSR: 1 years: +0 %: 30 mins: Summer | 0.03 | 2.5 | 2.154 |
| FSR: 1 years: +0 %: 30 mins: Winter | 0.03 | 2.6 | 2.412 |
| FSR: 1 years: +0 %: 60 mins: Summer | 0.03 | 2.3 | 2.856 |
| FSR: 1 years: +0 %: 60 mins: Winter | 0.03 | 2.1 | 3.198 |
| FSR: 1 years: +0 %: 120 mins: Summer | 0.03 | 1.8 | 3.738 |
| FSR: 1 years: +0 %: 120 mins: Winter | 0.03 | 1.4 | 4.194 |
| FSR: 1 years: +0 %: 240 mins: Summer | 0.03 | 1.3 | 4.872 |
| FSR: 1 years: +0 %: 240 mins: Winter | 0.03 | 0.9 | 5.466 |
| FSR: 1 years: +0 %: 360 mins: Summer | 0.03 | 1.0 | 5.628 |
| FSR: 1 years: +0 %: 360 mins: Winter | 0.03 | 0.7 | 6.300 |
| FSR: 1 years: +0 %: 480 mins: Summer | 0.03 | 0.8 | 6.216 |
| FSR: 1 years: +0 %: 480 mins: Winter | 0.03 | 0.6 | 7.002 |
| FSR: 1 years: +0 %: 960 mins: Summer | 0.03 | 0.5 | 7.956 |
| FSR: 1 years: +0 %: 960 mins: Winter | 0.03 | 0.4 | 8.934 |
| FSR: 1 years: +0 %: 1440 mins: Summer | 0.03 | 0.4 | 9.234 |
| FSR: 1 years: +0 %: 1440 mins: Winter | 0.03 | 0.3 | 10.230 |
| FSR: 2 years: +0 %: 15 mins: Summer | 0.03 | 4.6 | 2.052 |
| FSR: 2 years: +0 %: 15 mins: Winter | 0.03 | 4.8 | 2.297 |

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|-----------------------------------------------|------|-----|--------|
| FSR: 2 years: +0 %: 30 mins: Summer | 0.03 | 3.2 | 2.777 |
| FSR: 2 years: +0 %: 30 mins: Winter | 0.03 | 3.4 | 3.113 |
| FSR: 2 years: +0 %: 60 mins: Summer | 0.03 | 2.9 | 3.636 |
| FSR: 2 years: +0 %: 60 mins: Winter | 0.03 | 2.6 | 4.074 |
| FSR: 2 years: +0 %: 120 mins: Summer | 0.03 | 2.2 | 4.668 |
| FSR: 2 years: +0 %: 120 mins: Winter | 0.03 | 1.8 | 5.232 |
| FSR: 2 years: +0 %: 240 mins: Summer | 0.03 | 1.5 | 5.952 |
| FSR: 2 years: +0 %: 240 mins: Winter | 0.03 | 1.2 | 6.666 |
| FSR: 2 years: +0 %: 360 mins: Summer | 0.03 | 1.2 | 6.810 |
| FSR: 2 years: +0 %: 360 mins: Winter | 0.03 | 0.9 | 7.632 |
| FSR: 2 years: +0 %: 480 mins: Summer | 0.03 | 1.0 | 7.518 |
| FSR: 2 years: +0 %: 480 mins: Winter | 0.03 | 0.7 | 8.412 |
| FSR: 2 years: +0 %: 960 mins: Summer | 0.03 | 0.6 | 9.450 |
| FSR: 2 years: +0 %: 960 mins: Winter | 0.03 | 0.5 | 10.554 |
| FSR: 2 years: +0 %: 1440 mins: Summer | 0.03 | 0.5 | 10.818 |
| FSR: 2 years: +0 %: 1440 mins: Winter | 0.03 | 0.3 | 12.018 |
| FSR: 30 years: +0 %: 15 mins: Summer | 0.03 | 8.7 | 3.878 |
| FSR: 30 years: +0 %: 15 mins: Winter | 0.03 | 9.1 | 4.345 |
| FSR: 30 years: +0 %: 30 mins: Summer | 0.03 | 6.1 | 5.291 |
| FSR: 30 years: +0 %: 30 mins: Winter | 0.03 | 6.4 | 5.927 |
| FSR: 30 years: +0 %: 60 mins: Summer | 0.03 | 5.5 | 6.924 |

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|-------------------------------------------------|------|------|--------|
| FSR: 30 years: +0 %: 60 mins: Winter | 0.03 | 5.0 | 7.758 |
| FSR: 30 years: +0 %: 120 mins: Summer | 0.03 | 4.2 | 8.796 |
| FSR: 30 years: +0 %: 120 mins: Winter | 0.03 | 3.4 | 9.864 |
| FSR: 30 years: +0 %: 240 mins: Summer | 0.03 | 2.8 | 10.866 |
| FSR: 30 years: +0 %: 240 mins: Winter | 0.03 | 2.1 | 12.174 |
| FSR: 30 years: +0 %: 360 mins: Summer | 0.03 | 2.2 | 12.252 |
| FSR: 30 years: +0 %: 360 mins: Winter | 0.03 | 1.6 | 13.710 |
| FSR: 30 years: +0 %: 480 mins: Summer | 0.03 | 1.8 | 13.314 |
| FSR: 30 years: +0 %: 480 mins: Winter | 0.03 | 1.3 | 14.892 |
| FSR: 30 years: +0 %: 960 mins: Summer | 0.03 | 1.1 | 16.182 |
| FSR: 30 years: +0 %: 960 mins: Winter | 0.03 | 0.8 | 18.138 |
| FSR: 30 years: +0 %: 1440 mins: Summer | 0.03 | 0.8 | 18.108 |
| FSR: 30 years: +0 %: 1440 mins: Winter | 0.03 | 0.6 | 20.208 |
| FSR: 100 years: +0 %: 15 mins: Summer | 0.03 | 11.2 | 5.003 |
| FSR: 100 years: +0 %: 15 mins: Winter | 0.03 | 11.8 | 5.600 |
| FSR: 100 years: +0 %: 30 mins: Summer | 0.03 | 8.0 | 6.897 |
| FSR: 100 years: +0 %: 30 mins: Winter | 0.03 | 8.4 | 7.731 |

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| FSR: 100 years: +0 %: 60 mins: Summer | 0.03 | 7.3 | 9.095 |
| FSR: 100 years: +0 %: 60 mins: Winter | 0.03 | 6.6 | 10.187 |
| FSR: 100 years: +0 %: 120 mins: Summer | 0.03 | 5.5 | 11.562 |
| FSR: 100 years: +0 %: 120 mins: Winter | 0.03 | 4.4 | 12.942 |
| FSR: 100 years: +0 %: 240 mins: Summer | 0.03 | 3.7 | 14.124 |
| FSR: 100 years: +0 %: 240 mins: Winter | 0.03 | 2.8 | 15.834 |
| FSR: 100 years: +0 %: 360 mins: Summer | 0.03 | 2.8 | 15.816 |
| FSR: 100 years: +0 %: 360 mins: Winter | 0.03 | 2.1 | 17.736 |
| FSR: 100 years: +0 %: 480 mins: Summer | 0.03 | 2.3 | 17.106 |
| FSR: 100 years: +0 %: 480 mins: Winter | 0.03 | 1.7 | 19.176 |
| FSR: 100 years: +0 %: 960 mins: Summer | 0.03 | 1.4 | 20.466 |
| FSR: 100 years: +0 %: 960 mins: Winter | 0.03 | 1.0 | 22.938 |
| FSR: 100 years: +0 %: 1440 mins: Summer | 0.03 | 1.0 | 22.698 |
| FSR: 100 years: +0 %: 1440 mins: Winter | 0.03 | 0.7 | 25.386 |

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Summary Results for Catchment Area (2): Rank By: Max. Inflow

| Storm Event | Inflow Area (ha) | Max. Inflow (L/s) | Total Inflow Volume (m³) |
|---------------------------------------------|------------------|-------------------|--------------------------|
| FSR: 1 years: +0 %: 15 mins: Summer | 0.04 | 4.3 | 1.923 |
| FSR: 1 years: +0 %: 15 mins: Winter | 0.04 | 4.1 | 1.922 |
| FSR: 1 years: +0 %: 30 mins: Summer | 0.04 | 3.0 | 2.610 |
| FSR: 1 years: +0 %: 30 mins: Winter | 0.04 | 2.8 | 2.610 |
| FSR: 1 years: +0 %: 60 mins: Summer | 0.04 | 2.8 | 3.462 |
| FSR: 1 years: +0 %: 60 mins: Winter | 0.04 | 2.2 | 3.462 |
| FSR: 1 years: +0 %: 120 mins: Summer | 0.04 | 2.2 | 4.530 |
| FSR: 1 years: +0 %: 120 mins: Winter | 0.04 | 1.6 | 4.536 |
| FSR: 1 years: +0 %: 240 mins: Summer | 0.04 | 1.5 | 5.910 |
| FSR: 1 years: +0 %: 240 mins: Winter | 0.04 | 1.0 | 5.922 |
| FSR: 1 years: +0 %: 360 mins: Summer | 0.04 | 1.2 | 6.810 |
| FSR: 1 years: +0 %: 360 mins: Winter | 0.04 | 0.8 | 6.816 |
| FSR: 1 years: +0 %: 480 mins: Summer | 0.04 | 1.0 | 7.536 |
| FSR: 1 years: +0 %: 480 mins: Winter | 0.04 | 0.7 | 7.548 |
| FSR: 1 years: +0 %: 960 mins: Summer | 0.04 | 0.7 | 9.642 |
| FSR: 1 years: +0 %: 960 mins: Winter | 0.04 | 0.4 | 9.636 |
| FSR: 1 years: +0 %: 1440 mins: Summer | 0.04 | 0.5 | 11.142 |
| FSR: 1 years: +0 %: 1440 mins: Winter | 0.04 | 0.3 | 11.166 |
| FSR: 2 years: +0 %: 15 mins: Summer | 0.04 | 5.5 | 2.493 |
| FSR: 2 years: +0 %: 15 mins: Winter | 0.04 | 5.2 | 2.486 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 2 years: +0 %: 30 mins: Summer | 0.04 | 3.9 | 3.364 |
| FSR: 2 years: +0 %: 30 mins: Winter | 0.04 | 3.7 | 3.365 |
| FSR: 2 years: +0 %: 60 mins: Summer | 0.04 | 3.5 | 4.409 |
| FSR: 2 years: +0 %: 60 mins: Winter | 0.04 | 2.8 | 4.398 |
| FSR: 2 years: +0 %: 120 mins: Summer | 0.04 | 2.7 | 5.664 |
| FSR: 2 years: +0 %: 120 mins: Winter | 0.04 | 1.9 | 5.658 |
| FSR: 2 years: +0 %: 240 mins: Summer | 0.04 | 1.9 | 7.218 |
| FSR: 2 years: +0 %: 240 mins: Winter | 0.04 | 1.3 | 7.206 |
| FSR: 2 years: +0 %: 360 mins: Summer | 0.04 | 1.5 | 8.250 |
| FSR: 2 years: +0 %: 360 mins: Winter | 0.04 | 1.0 | 8.268 |
| FSR: 2 years: +0 %: 480 mins: Summer | 0.04 | 1.2 | 9.054 |
| FSR: 2 years: +0 %: 480 mins: Winter | 0.04 | 0.8 | 9.090 |
| FSR: 2 years: +0 %: 960 mins: Summer | 0.04 | 0.8 | 11.466 |
| FSR: 2 years: +0 %: 960 mins: Winter | 0.04 | 0.5 | 11.448 |
| FSR: 2 years: +0 %: 1440 mins: Summer | 0.04 | 0.6 | 13.116 |
| FSR: 2 years: +0 %: 1440 mins: Winter | 0.04 | 0.4 | 13.086 |
| FSR: 30 years: +0 %: 15 mins: Summer | 0.04 | 10.5 | 4.699 |
| FSR: 30 years: +0 %: 15 mins: Winter | 0.04 | 9.9 | 4.695 |
| FSR: 30 years: +0 %: 30 mins: Summer | 0.04 | 7.4 | 6.412 |
| FSR: 30 years: +0 %: 30 mins: Winter | 0.04 | 6.9 | 6.413 |
| FSR: 30 years: +0 %: 60 mins: Summer | 0.04 | 6.7 | 8.387 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 30 years: +0 %: 60 mins: Winter | 0.04 | 5.4 | 8.394 |
| FSR: 30 years: +0 %: 120 mins: Summer | 0.04 | 5.1 | 10.650 |
| FSR: 30 years: +0 %: 120 mins: Winter | 0.04 | 3.6 | 10.662 |
| FSR: 30 years: +0 %: 240 mins: Summer | 0.04 | 3.4 | 13.182 |
| FSR: 30 years: +0 %: 240 mins: Winter | 0.04 | 2.3 | 13.170 |
| FSR: 30 years: +0 %: 360 mins: Summer | 0.04 | 2.6 | 14.832 |
| FSR: 30 years: +0 %: 360 mins: Winter | 0.04 | 1.7 | 14.844 |
| FSR: 30 years: +0 %: 480 mins: Summer | 0.04 | 2.2 | 16.128 |
| FSR: 30 years: +0 %: 480 mins: Winter | 0.04 | 1.4 | 16.122 |
| FSR: 30 years: +0 %: 960 mins: Summer | 0.04 | 1.3 | 19.626 |
| FSR: 30 years: +0 %: 960 mins: Winter | 0.04 | 0.9 | 19.590 |
| FSR: 30 years: +0 %: 1440 mins: Summer | 0.04 | 1.0 | 21.891 |
| FSR: 30 years: +0 %: 1440 mins: Winter | 0.04 | 0.6 | 21.876 |
| FSR: 100 years: +0 %: 15 mins: Summer | 0.04 | 13.6 | 6.061 |
| FSR: 100 years: +0 %: 15 mins: Winter | 0.04 | 12.8 | 6.062 |
| FSR: 100 years: +0 %: 30 mins: Summer | 0.04 | 9.7 | 8.361 |
| FSR: 100 years: +0 %: 30 mins: Winter | 0.04 | 9.1 | 8.355 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 100 years: +0 %: 60 mins: Summer | 0.04 | 8.8 | 11.014 |
| FSR: 100 years: +0 %: 60 mins: Winter | 0.04 | 7.1 | 11.027 |
| FSR: 100 years: +0 %: 120 mins: Summer | 0.04 | 6.7 | 14.004 |
| FSR: 100 years: +0 %: 120 mins: Winter | 0.04 | 4.8 | 14.016 |
| FSR: 100 years: +0 %: 240 mins: Summer | 0.04 | 4.4 | 17.130 |
| FSR: 100 years: +0 %: 240 mins: Winter | 0.04 | 3.0 | 17.130 |
| FSR: 100 years: +0 %: 360 mins: Summer | 0.04 | 3.4 | 19.176 |
| FSR: 100 years: +0 %: 360 mins: Winter | 0.04 | 2.2 | 19.182 |
| FSR: 100 years: +0 %: 480 mins: Summer | 0.04 | 2.8 | 20.718 |
| FSR: 100 years: +0 %: 480 mins: Winter | 0.04 | 1.8 | 20.724 |
| FSR: 100 years: +0 %: 960 mins: Summer | 0.04 | 1.7 | 24.792 |
| FSR: 100 years: +0 %: 960 mins: Winter | 0.04 | 1.1 | 24.804 |
| FSR: 100 years: +0 %: 1440 mins: Summer | 0.04 | 1.3 | 27.438 |
| FSR: 100 years: +0 %: 1440 mins: Winter | 0.04 | 0.8 | 27.456 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for Catchment Area (3): Rank By: Max. Inflow

| Storm Event | Inflow Area (ha) | Max. Inflow (L/s) | Total Inflow Volume (m³) |
|---------------------------------------------|------------------|-------------------|--------------------------|
| FSR: 1 years: +0 %: 15 mins: Summer | 0.03 | 3.7 | 1.668 |
| FSR: 1 years: +0 %: 15 mins: Winter | 0.03 | 3.5 | 1.667 |
| FSR: 1 years: +0 %: 30 mins: Summer | 0.03 | 2.6 | 2.262 |
| FSR: 1 years: +0 %: 30 mins: Winter | 0.03 | 2.5 | 2.262 |
| FSR: 1 years: +0 %: 60 mins: Summer | 0.03 | 2.4 | 3.006 |
| FSR: 1 years: +0 %: 60 mins: Winter | 0.03 | 1.9 | 3.006 |
| FSR: 1 years: +0 %: 120 mins: Summer | 0.03 | 1.9 | 3.930 |
| FSR: 1 years: +0 %: 120 mins: Winter | 0.03 | 1.4 | 3.942 |
| FSR: 1 years: +0 %: 240 mins: Summer | 0.03 | 1.3 | 5.130 |
| FSR: 1 years: +0 %: 240 mins: Winter | 0.03 | 0.9 | 5.130 |
| FSR: 1 years: +0 %: 360 mins: Summer | 0.03 | 1.0 | 5.910 |
| FSR: 1 years: +0 %: 360 mins: Winter | 0.03 | 0.7 | 5.910 |
| FSR: 1 years: +0 %: 480 mins: Summer | 0.03 | 0.9 | 6.564 |
| FSR: 1 years: +0 %: 480 mins: Winter | 0.03 | 0.6 | 6.540 |
| FSR: 1 years: +0 %: 960 mins: Summer | 0.03 | 0.6 | 8.376 |
| FSR: 1 years: +0 %: 960 mins: Winter | 0.03 | 0.4 | 8.328 |
| FSR: 1 years: +0 %: 1440 mins: Summer | 0.03 | 0.4 | 9.660 |
| FSR: 1 years: +0 %: 1440 mins: Winter | 0.03 | 0.3 | 9.630 |
| FSR: 2 years: +0 %: 15 mins: Summer | 0.03 | 4.8 | 2.163 |
| FSR: 2 years: +0 %: 15 mins: Winter | 0.03 | 4.5 | 2.159 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
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| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 2 years: +0 %: 30 mins: Summer | 0.03 | 3.4 | 2.920 |
| FSR: 2 years: +0 %: 30 mins: Winter | 0.03 | 3.2 | 2.921 |
| FSR: 2 years: +0 %: 60 mins: Summer | 0.03 | 3.1 | 3.822 |
| FSR: 2 years: +0 %: 60 mins: Winter | 0.03 | 2.5 | 3.822 |
| FSR: 2 years: +0 %: 120 mins: Summer | 0.03 | 2.3 | 4.908 |
| FSR: 2 years: +0 %: 120 mins: Winter | 0.03 | 1.7 | 4.908 |
| FSR: 2 years: +0 %: 240 mins: Summer | 0.03 | 1.6 | 6.264 |
| FSR: 2 years: +0 %: 240 mins: Winter | 0.03 | 1.1 | 6.258 |
| FSR: 2 years: +0 %: 360 mins: Summer | 0.03 | 1.3 | 7.170 |
| FSR: 2 years: +0 %: 360 mins: Winter | 0.03 | 0.8 | 7.176 |
| FSR: 2 years: +0 %: 480 mins: Summer | 0.03 | 1.1 | 7.896 |
| FSR: 2 years: +0 %: 480 mins: Winter | 0.03 | 0.7 | 7.890 |
| FSR: 2 years: +0 %: 960 mins: Summer | 0.03 | 0.7 | 9.930 |
| FSR: 2 years: +0 %: 960 mins: Winter | 0.03 | 0.4 | 9.966 |
| FSR: 2 years: +0 %: 1440 mins: Summer | 0.03 | 0.5 | 11.328 |
| FSR: 2 years: +0 %: 1440 mins: Winter | 0.03 | 0.3 | 11.388 |
| FSR: 30 years: +0 %: 15 mins: Summer | 0.03 | 9.1 | 4.079 |
| FSR: 30 years: +0 %: 15 mins: Winter | 0.03 | 8.6 | 4.078 |
| FSR: 30 years: +0 %: 30 mins: Summer | 0.03 | 6.4 | 5.567 |
| FSR: 30 years: +0 %: 30 mins: Winter | 0.03 | 6.0 | 5.567 |
| FSR: 30 years: +0 %: 60 mins: Summer | 0.03 | 5.8 | 7.284 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 30 years: +0 %: 60 mins: Winter | 0.03 | 4.7 | 7.290 |
| FSR: 30 years: +0 %: 120 mins: Summer | 0.03 | 4.4 | 9.252 |
| FSR: 30 years: +0 %: 120 mins: Winter | 0.03 | 3.2 | 9.258 |
| FSR: 30 years: +0 %: 240 mins: Summer | 0.03 | 3.0 | 11.430 |
| FSR: 30 years: +0 %: 240 mins: Winter | 0.03 | 2.0 | 11.430 |
| FSR: 30 years: +0 %: 360 mins: Summer | 0.03 | 2.3 | 12.894 |
| FSR: 30 years: +0 %: 360 mins: Winter | 0.03 | 1.5 | 12.894 |
| FSR: 30 years: +0 %: 480 mins: Summer | 0.03 | 1.9 | 14.010 |
| FSR: 30 years: +0 %: 480 mins: Winter | 0.03 | 1.2 | 14.010 |
| FSR: 30 years: +0 %: 960 mins: Summer | 0.03 | 1.2 | 17.016 |
| FSR: 30 years: +0 %: 960 mins: Winter | 0.03 | 0.8 | 17.034 |
| FSR: 30 years: +0 %: 1440 mins: Summer | 0.03 | 0.9 | 18.978 |
| FSR: 30 years: +0 %: 1440 mins: Winter | 0.03 | 0.6 | 19.086 |
| FSR: 100 years: +0 %: 15 mins: Summer | 0.03 | 11.8 | 5.264 |
| FSR: 100 years: +0 %: 15 mins: Winter | 0.03 | 11.1 | 5.262 |
| FSR: 100 years: +0 %: 30 mins: Summer | 0.03 | 8.4 | 7.257 |
| FSR: 100 years: +0 %: 30 mins: Winter | 0.03 | 7.9 | 7.257 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Inflows Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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| FSR: 100 years: +0 %: 60 mins: Summer | 0.03 | 7.7 | 9.575 |
| FSR: 100 years: +0 %: 60 mins: Winter | 0.03 | 6.2 | 9.575 |
| FSR: 100 years: +0 %: 120 mins: Summer | 0.03 | 5.8 | 12.162 |
| FSR: 100 years: +0 %: 120 mins: Winter | 0.03 | 4.2 | 12.156 |
| FSR: 100 years: +0 %: 240 mins: Summer | 0.03 | 3.9 | 14.886 |
| FSR: 100 years: +0 %: 240 mins: Winter | 0.03 | 2.6 | 14.880 |
| FSR: 100 years: +0 %: 360 mins: Summer | 0.03 | 3.0 | 16.656 |
| FSR: 100 years: +0 %: 360 mins: Winter | 0.03 | 1.9 | 16.632 |
| FSR: 100 years: +0 %: 480 mins: Summer | 0.03 | 2.4 | 17.994 |
| FSR: 100 years: +0 %: 480 mins: Winter | 0.03 | 1.6 | 17.994 |
| FSR: 100 years: +0 %: 960 mins: Summer | 0.03 | 1.5 | 21.528 |
| FSR: 100 years: +0 %: 960 mins: Winter | 0.03 | 0.9 | 21.576 |
| FSR: 100 years: +0 %: 1440 mins: Summer | 0.03 | 1.1 | 23.850 |
| FSR: 100 years: +0 %: 1440 mins: Winter | 0.03 | 0.7 | 23.826 |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for MH1: Rank By: Max. Depth

| Storm Event | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status |
|---------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| FSR: 1 years: +0 %: 15 mins: Summer | 72.550 | 71.306 | 71.474 | 0.168 | 18.0 | 0.190 | 0.000 | 15.4 | 8.064 | Surcharged |
| FSR: 1 years: +0 %: 15 mins: Winter | 72.550 | 71.306 | 71.499 | 0.193 | 19.1 | 0.218 | 0.000 | 16.8 | 9.062 | Surcharged |
| FSR: 1 years: +0 %: 30 mins: Summer | 72.550 | 71.306 | 71.421 | 0.115 | 12.6 | 0.130 | 0.000 | 12.6 | 10.957 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | 72.550 | 71.306 | 71.426 | 0.120 | 13.3 | 0.136 | 0.000 | 13.3 | 12.271 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | 72.550 | 71.306 | 71.414 | 0.108 | 11.6 | 0.122 | 0.000 | 11.6 | 14.552 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | 72.550 | 71.306 | 71.406 | 0.100 | 10.5 | 0.113 | 0.000 | 10.5 | 16.304 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | 72.550 | 71.306 | 71.397 | 0.091 | 9.0 | 0.103 | 0.000 | 9.0 | 19.051 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | 72.550 | 71.306 | 71.385 | 0.079 | 7.3 | 0.090 | 0.000 | 7.3 | 21.355 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | 72.550 | 71.306 | 71.380 | 0.074 | 6.4 | 0.083 | 0.000 | 6.4 | 24.817 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | 72.550 | 71.306 | 71.369 | 0.063 | 4.8 | 0.071 | 0.000 | 4.8 | 27.804 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | 72.550 | 71.306 | 71.370 | 0.064 | 5.1 | 0.073 | 0.000 | 5.1 | 28.627 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | 72.550 | 71.306 | 71.360 | 0.054 | 3.7 | 0.062 | 0.000 | 3.7 | 32.058 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | 72.550 | 71.306 | 71.365 | 0.059 | 4.3 | 0.066 | 0.000 | 4.3 | 31.674 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | 72.550 | 71.306 | 71.355 | 0.049 | 3.1 | 0.056 | 0.000 | 3.1 | 35.496 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | 72.550 | 71.306 | 71.352 | 0.046 | 2.8 | 0.052 | 0.000 | 2.8 | 40.500 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | 72.550 | 71.306 | 71.345 | 0.039 | 2.0 | 0.044 | 0.000 | 2.0 | 45.360 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | 72.550 | 71.306 | 71.346 | 0.040 | 2.1 | 0.046 | 0.000 | 2.1 | 46.722 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | 72.550 | 71.306 | 71.340 | 0.034 | 1.5 | 0.039 | 0.000 | 1.5 | 52.350 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | 72.550 | 71.306 | 71.663 | 0.357 | 23.2 | 0.404 | 0.000 | 19.3 | 10.485 | Surcharged |
| FSR: 2 years: +0 %: 15 mins: Winter | 72.550 | 71.306 | 71.734 | 0.428 | 24.4 | 0.484 | 0.000 | 20.4 | 11.737 | Surcharged |
| FSR: 2 years: +0 %: 30 mins: Summer | 72.550 | 71.306 | 71.490 | 0.184 | 16.3 | 0.208 | 0.000 | 16.3 | 14.136 | Surcharged |
| FSR: 2 years: +0 %: 30 mins: Winter | 72.550 | 71.306 | 71.544 | 0.238 | 17.2 | 0.269 | 0.000 | 17.1 | 15.846 | Surcharged |
| FSR: 2 years: +0 %: 60 mins: Summer | 72.550 | 71.306 | 71.442 | 0.136 | 14.8 | 0.154 | 0.000 | 14.8 | 18.503 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | 72.550 | 71.306 | 71.427 | 0.121 | 13.3 | 0.137 | 0.000 | 13.3 | 20.725 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | 72.550 | 71.306 | 71.412 | 0.106 | 11.3 | 0.119 | 0.000 | 11.3 | 23.774 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | 72.550 | 71.306 | 71.397 | 0.091 | 9.1 | 0.103 | 0.000 | 9.1 | 26.629 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | 72.550 | 71.306 | 71.389 | 0.083 | 7.8 | 0.094 | 0.000 | 7.8 | 30.307 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | 72.550 | 71.306 | 71.376 | 0.070 | 5.9 | 0.079 | 0.000 | 5.9 | 33.931 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | 72.550 | 71.306 | 71.378 | 0.072 | 6.1 | 0.081 | 0.000 | 6.1 | 34.705 | OK |
| FSR: 2 years: +0 %: 360 mins: Winter | 72.550 | 71.306 | 71.366 | 0.060 | 4.5 | 0.068 | 0.000 | 4.5 | 38.862 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|-------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| FSR: 2 years: +0 %: 480 mins: Summer | 72.55 0 | 71.30 6 | 71.371 | 0.065 | 5.2 | 0.074 | 0.000 | 5.2 | 38.167 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | 72.55 0 | 71.30 6 | 71.360 | 0.054 | 3.8 | 0.062 | 0.000 | 3.7 | 42.756 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | 72.55 0 | 71.30 6 | 71.357 | 0.051 | 3.3 | 0.057 | 0.000 | 3.3 | 48.090 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | 72.55 0 | 71.30 6 | 71.349 | 0.043 | 2.4 | 0.048 | 0.000 | 2.4 | 53.856 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.30 6 | 71.350 | 0.044 | 2.5 | 0.050 | 0.000 | 2.5 | 54.984 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.30 6 | 71.343 | 0.037 | 1.8 | 0.042 | 0.000 | 1.8 | 61.596 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 44.0 | 1.407 | 0.000 | 35.1 | 19.792 | Surcharged |
| FSR: 30 years: +0 %: 15 mins: Winter | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 46.4 | 1.407 | 0.000 | 37.2 | 22.133 | Surcharged |
| FSR: 30 years: +0 %: 30 mins: Summer | 72.55 0 | 71.30 6 | 72.381 | 1.075 | 31.1 | 1.216 | 0.000 | 31.0 | 26.973 | Surcharged |
| FSR: 30 years: +0 %: 30 mins: Winter | 72.55 0 | 71.30 6 | 72.492 | 1.186 | 32.7 | 1.342 | 0.000 | 32.5 | 30.192 | Surcharged |
| FSR: 30 years: +0 %: 60 mins: Summer | 72.55 0 | 71.30 6 | 72.189 | 0.883 | 28.2 | 0.998 | 0.000 | 28.1 | 35.267 | Surcharged |
| FSR: 30 years: +0 %: 60 mins: Winter | 72.55 0 | 71.30 6 | 72.012 | 0.706 | 25.4 | 0.798 | 0.000 | 25.4 | 39.489 | Surcharged |
| FSR: 30 years: +0 %: 120 mins: Summer | 72.55 0 | 71.30 6 | 71.770 | 0.464 | 21.3 | 0.524 | 0.000 | 21.2 | 44.785 | Surcharged |
| FSR: 30 years: +0 %: 120 mins: Winter | 72.55 0 | 71.30 6 | 71.545 | 0.239 | 17.1 | 0.270 | 0.000 | 17.1 | 50.142 | Surcharged |
| FSR: 30 years: +0 %: 240 mins: Summer | 72.55 0 | 71.30 6 | 71.436 | 0.130 | 14.3 | 0.147 | 0.000 | 14.3 | 55.315 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | 72.55 0 | 71.30 6 | 71.408 | 0.102 | 10.8 | 0.116 | 0.000 | 10.8 | 61.951 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | 72.55 0 | 71.30 6 | 71.410 | 0.104 | 11.0 | 0.117 | 0.000 | 11.0 | 62.335 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | 72.55 0 | 71.30 6 | 71.391 | 0.085 | 8.1 | 0.096 | 0.000 | 8.1 | 69.804 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | 72.55 0 | 71.30 6 | 71.398 | 0.092 | 9.2 | 0.104 | 0.000 | 9.2 | 67.711 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | 72.55 0 | 71.30 6 | 71.381 | 0.075 | 6.7 | 0.085 | 0.000 | 6.7 | 75.852 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | 72.55 0 | 71.30 6 | 71.374 | 0.068 | 5.6 | 0.077 | 0.000 | 5.6 | 82.339 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | 72.55 0 | 71.30 6 | 71.363 | 0.057 | 4.1 | 0.064 | 0.000 | 4.1 | 92.232 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.30 6 | 71.364 | 0.058 | 4.2 | 0.065 | 0.000 | 4.2 | 92.082 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.30 6 | 71.355 | 0.049 | 3.0 | 0.055 | 0.000 | 3.0 | 103.092 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 57.0 | 1.407 | 0.000 | 44.0 | 25.500 | Surcharged |
| FSR: 100 years: +0 %: 15 mins: Winter | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 60.0 | 1.407 | 0.000 | 47.4 | 28.535 | Surcharged |
| FSR: 100 years: +0 %: 30 mins: Summer | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 40.5 | 1.407 | 0.000 | 40.3 | 35.172 | Surcharged |
| FSR: 100 years: +0 %: 30 mins: Winter | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 42.6 | 1.407 | 0.000 | 42.3 | 39.359 | Surcharged |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|--------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| FSR: 100 years: +0 %: 60 mins: Summer | 72.55 0 | 71.30 6 | 72.550 | 1.244 | 37.1 | 1.407 | 0.000 | 36.9 | 46.310 | Surcharged |
| FSR: 100 years: +0 %: 60 mins: Winter | 72.55 0 | 71.30 6 | 72.547 | 1.241 | 33.4 | 1.403 | 0.000 | 33.3 | 51.869 | Surcharged |
| FSR: 100 years: +0 %: 120 mins: Summer | 72.55 0 | 71.30 6 | 72.173 | 0.867 | 27.9 | 0.980 | 0.000 | 27.9 | 58.868 | Surcharged |
| FSR: 100 years: +0 %: 120 mins: Winter | 72.55 0 | 71.30 6 | 71.841 | 0.535 | 22.5 | 0.605 | 0.000 | 22.5 | 65.922 | Surcharged |
| FSR: 100 years: +0 %: 240 mins: Summer | 72.55 0 | 71.30 6 | 71.607 | 0.301 | 18.7 | 0.341 | 0.000 | 18.6 | 71.968 | Surcharged |
| FSR: 100 years: +0 %: 240 mins: Winter | 72.55 0 | 71.30 6 | 71.433 | 0.127 | 14.0 | 0.144 | 0.000 | 14.0 | 80.611 | OK |
| FSR: 100 years: +0 %: 360 mins: Summer | 72.55 0 | 71.30 6 | 71.435 | 0.129 | 14.3 | 0.146 | 0.000 | 14.3 | 80.527 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | 72.55 0 | 71.30 6 | 71.406 | 0.100 | 10.5 | 0.114 | 0.000 | 10.5 | 90.175 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | 72.55 0 | 71.30 6 | 71.415 | 0.109 | 11.8 | 0.123 | 0.000 | 11.8 | 87.019 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | 72.55 0 | 71.30 6 | 71.394 | 0.088 | 8.6 | 0.099 | 0.000 | 8.6 | 97.446 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | 72.55 0 | 71.30 6 | 71.384 | 0.078 | 7.1 | 0.088 | 0.000 | 7.1 | 104.251 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | 72.55 0 | 71.30 6 | 71.371 | 0.065 | 5.1 | 0.073 | 0.000 | 5.1 | 116.736 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.30 6 | 71.371 | 0.065 | 5.2 | 0.074 | 0.000 | 5.2 | 115.375 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.30 6 | 71.361 | 0.055 | 3.8 | 0.062 | 0.000 | 3.8 | 129.276 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for MH2: Rank By: Max. Depth

| Storm Event | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status |
|------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | 72.55 0 | 71.05 0 | 71.132 | 0.082 | 19.0 | 0.093 | 0.000 | 18.2 | 9.621 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | 72.55 0 | 71.05 0 | 71.135 | 0.085 | 20.5 | 0.096 | 0.000 | 19.1 | 10.812 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | 72.55 0 | 71.05 0 | 71.124 | 0.074 | 15.1 | 0.084 | 0.000 | 15.1 | 13.107 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | 72.55 0 | 71.05 0 | 71.126 | 0.076 | 15.9 | 0.086 | 0.000 | 15.9 | 14.678 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | 72.55 0 | 71.05 0 | 71.122 | 0.072 | 13.9 | 0.081 | 0.000 | 13.9 | 17.406 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | 72.55 0 | 71.05 0 | 71.118 | 0.068 | 12.6 | 0.077 | 0.000 | 12.5 | 19.500 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | 72.55 0 | 71.05 0 | 71.113 | 0.063 | 10.8 | 0.072 | 0.000 | 10.8 | 22.788 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | 72.55 0 | 71.05 0 | 71.107 | 0.057 | 8.7 | 0.064 | 0.000 | 8.7 | 25.549 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | 72.55 0 | 71.05 0 | 71.104 | 0.054 | 7.7 | 0.061 | 0.000 | 7.7 | 29.688 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | 72.55 0 | 71.05 0 | 71.097 | 0.047 | 5.8 | 0.053 | 0.000 | 5.8 | 33.270 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | 72.55 0 | 71.05 0 | 71.098 | 0.048 | 6.1 | 0.054 | 0.000 | 6.1 | 34.254 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | 72.55 0 | 71.05 0 | 71.091 | 0.041 | 4.5 | 0.047 | 0.000 | 4.5 | 38.358 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | 72.55 0 | 71.05 0 | 71.094 | 0.044 | 5.1 | 0.050 | 0.000 | 5.1 | 37.890 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | 72.55 0 | 71.05 0 | 71.088 | 0.038 | 3.7 | 0.043 | 0.000 | 3.7 | 42.498 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | 72.55 0 | 71.05 0 | 71.086 | 0.036 | 3.3 | 0.041 | 0.000 | 3.3 | 48.456 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | 72.55 0 | 71.05 0 | 71.081 | 0.031 | 2.4 | 0.035 | 0.000 | 2.4 | 54.294 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.05 0 | 71.082 | 0.032 | 2.5 | 0.036 | 0.000 | 2.5 | 55.955 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.05 0 | 71.077 | 0.027 | 1.8 | 0.031 | 0.000 | 1.8 | 62.580 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | 72.55 0 | 71.05 0 | 71.142 | 0.092 | 23.9 | 0.104 | 0.000 | 22.7 | 12.511 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | 72.55 0 | 71.05 0 | 71.145 | 0.095 | 25.2 | 0.108 | 0.000 | 24.0 | 14.006 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | 72.55 0 | 71.05 0 | 71.134 | 0.084 | 19.5 | 0.096 | 0.000 | 19.5 | 16.903 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | 72.55 0 | 71.05 0 | 71.137 | 0.087 | 20.4 | 0.098 | 0.000 | 20.3 | 18.940 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | 72.55 0 | 71.05 0 | 71.131 | 0.081 | 17.7 | 0.091 | 0.000 | 17.7 | 22.136 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | 72.55 0 | 71.05 0 | 71.126 | 0.076 | 16.0 | 0.086 | 0.000 | 16.0 | 24.797 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | 72.55 0 | 71.05 0 | 71.120 | 0.070 | 13.5 | 0.080 | 0.000 | 13.5 | 28.440 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | 72.55 0 | 71.05 0 | 71.113 | 0.063 | 10.9 | 0.072 | 0.000 | 10.9 | 31.861 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | 72.55 0 | 71.05 0 | 71.109 | 0.059 | 9.4 | 0.067 | 0.000 | 9.4 | 36.258 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | 72.55 0 | 71.05 0 | 71.102 | 0.052 | 7.1 | 0.058 | 0.000 | 7.1 | 40.596 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | 72.55 0 | 71.05 0 | 71.102 | 0.052 | 7.3 | 0.059 | 0.000 | 7.4 | 41.514 | OK |
| FSR: 2 years: +0 %: 360 mins: Winter | 72.55 0 | 71.05 0 | 71.095 | 0.045 | 5.4 | 0.051 | 0.000 | 5.4 | 46.494 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|-------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 2 years: +0 %: 480 mins: Summer | 72.55 0 | 71.05 0 | 71.098 | 0.048 | 6.2 | 0.055 | 0.000 | 6.2 | 45.684 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | 72.55 0 | 71.05 0 | 71.091 | 0.041 | 4.5 | 0.047 | 0.000 | 4.5 | 51.168 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | 72.55 0 | 71.05 0 | 71.089 | 0.039 | 3.9 | 0.044 | 0.000 | 3.9 | 57.540 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | 72.55 0 | 71.05 0 | 71.083 | 0.033 | 2.8 | 0.038 | 0.000 | 2.8 | 64.410 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.05 0 | 71.084 | 0.034 | 3.0 | 0.039 | 0.000 | 3.0 | 65.802 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.05 0 | 71.079 | 0.029 | 2.2 | 0.033 | 0.000 | 2.2 | 73.614 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | 72.55 0 | 71.05 0 | 71.178 | 0.128 | 43.7 | 0.145 | 0.000 | 41.8 | 23.639 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | 72.55 0 | 71.05 0 | 71.183 | 0.133 | 46.4 | 0.151 | 0.000 | 44.5 | 26.446 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | 72.55 0 | 71.05 0 | 71.169 | 0.119 | 37.1 | 0.134 | 0.000 | 37.0 | 32.242 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | 72.55 0 | 71.05 0 | 71.173 | 0.123 | 39.0 | 0.139 | 0.000 | 38.9 | 36.102 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | 72.55 0 | 71.05 0 | 71.163 | 0.113 | 33.7 | 0.127 | 0.000 | 33.7 | 42.179 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | 72.55 0 | 71.05 0 | 71.157 | 0.107 | 30.4 | 0.121 | 0.000 | 30.4 | 47.235 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | 72.55 0 | 71.05 0 | 71.147 | 0.097 | 25.4 | 0.109 | 0.000 | 25.4 | 53.571 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | 72.55 0 | 71.05 0 | 71.137 | 0.087 | 20.5 | 0.098 | 0.000 | 20.5 | 59.999 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | 72.55 0 | 71.05 0 | 71.129 | 0.079 | 17.1 | 0.090 | 0.000 | 17.1 | 66.179 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | 72.55 0 | 71.05 0 | 71.119 | 0.069 | 12.9 | 0.078 | 0.000 | 12.9 | 74.125 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | 72.55 0 | 71.05 0 | 71.120 | 0.070 | 13.2 | 0.079 | 0.000 | 13.2 | 74.586 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | 72.55 0 | 71.05 0 | 71.110 | 0.060 | 9.7 | 0.068 | 0.000 | 9.7 | 83.514 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | 72.55 0 | 71.05 0 | 71.114 | 0.064 | 11.0 | 0.072 | 0.000 | 11.0 | 81.024 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | 72.55 0 | 71.05 0 | 71.105 | 0.055 | 8.0 | 0.062 | 0.000 | 8.0 | 90.744 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | 72.55 0 | 71.05 0 | 71.100 | 0.050 | 6.7 | 0.057 | 0.000 | 6.7 | 98.520 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | 72.55 0 | 71.05 0 | 71.093 | 0.043 | 4.9 | 0.049 | 0.000 | 4.9 | 110.370 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.05 0 | 71.094 | 0.044 | 5.0 | 0.049 | 0.000 | 5.0 | 110.190 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.05 0 | 71.087 | 0.037 | 3.6 | 0.042 | 0.000 | 3.6 | 123.300 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | 72.55 0 | 71.05 0 | 71.197 | 0.147 | 55.2 | 0.166 | 0.000 | 53.0 | 30.469 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | 72.55 0 | 71.05 0 | 71.203 | 0.153 | 59.2 | 0.173 | 0.000 | 56.5 | 34.100 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | 72.55 0 | 71.05 0 | 71.188 | 0.138 | 48.2 | 0.156 | 0.000 | 48.2 | 42.049 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | 72.55 0 | 71.05 0 | 71.192 | 0.142 | 50.7 | 0.161 | 0.000 | 50.6 | 47.070 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|--------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 100 years: +0 %: 60 mins: Summer | 72.55 0 | 71.05 0 | 71.181 | 0.131 | 44.2 | 0.148 | 0.000 | 44.1 | 55.392 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | 72.55 0 | 71.05 0 | 71.174 | 0.124 | 39.9 | 0.141 | 0.000 | 39.8 | 62.041 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | 72.55 0 | 71.05 0 | 71.162 | 0.112 | 33.4 | 0.127 | 0.000 | 33.4 | 70.417 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | 72.55 0 | 71.05 0 | 71.150 | 0.100 | 26.9 | 0.113 | 0.000 | 26.9 | 78.856 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | 72.55 0 | 71.05 0 | 71.140 | 0.090 | 22.3 | 0.102 | 0.000 | 22.3 | 86.084 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | 72.55 0 | 71.05 0 | 71.128 | 0.078 | 16.8 | 0.089 | 0.000 | 16.8 | 96.444 | OK |
| FSR: 100 years: +0 %: 360 mins: Summer | 72.55 0 | 71.05 0 | 71.129 | 0.079 | 17.1 | 0.089 | 0.000 | 17.1 | 96.341 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | 72.55 0 | 71.05 0 | 71.118 | 0.068 | 12.6 | 0.077 | 0.000 | 12.6 | 107.910 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | 72.55 0 | 71.05 0 | 71.122 | 0.072 | 14.1 | 0.081 | 0.000 | 14.1 | 104.124 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | 72.55 0 | 71.05 0 | 71.112 | 0.062 | 10.2 | 0.070 | 0.000 | 10.2 | 116.622 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | 72.55 0 | 71.05 0 | 71.106 | 0.056 | 8.5 | 0.064 | 0.000 | 8.5 | 124.716 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | 72.55 0 | 71.05 0 | 71.098 | 0.048 | 6.1 | 0.054 | 0.000 | 6.1 | 139.674 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | 72.55 0 | 71.05 0 | 71.099 | 0.049 | 6.3 | 0.055 | 0.000 | 6.3 | 138.072 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | 72.55 0 | 71.05 0 | 71.092 | 0.042 | 4.5 | 0.047 | 0.000 | 4.5 | 154.662 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for MH3: Rank By: Max. Depth

| Storm Event | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status |
|------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 360 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|-------------------------------------------|------------|------------|--------|-------|-----|-------|-------|-----|-------|----|
| FSR: 2 years: +0 %: 480 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|--------------------------------------------|------------|------------|--------|-------|-----|-------|-------|-----|-------|----|
| FSR: 100 years: +0 %: 60 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 360 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | 72.60 0 | 71.15 0 | 71.150 | 0.000 | 0.0 | 0.000 | 0.000 | 0.0 | 0.000 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for MH4: Rank By: Max. Depth

| Storm Event | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status |
|---------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | 72.860 | 70.850 | 70.957 | 0.107 | 26.3 | 0.121 | 0.000 | 23.7 | 13.160 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | 72.860 | 70.850 | 70.958 | 0.108 | 26.7 | 0.123 | 0.000 | 24.3 | 14.360 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | 72.860 | 70.850 | 70.948 | 0.098 | 20.8 | 0.111 | 0.000 | 20.8 | 17.963 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | 72.860 | 70.850 | 70.949 | 0.099 | 21.2 | 0.112 | 0.000 | 21.2 | 19.535 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | 72.860 | 70.850 | 70.944 | 0.094 | 19.1 | 0.107 | 0.000 | 19.1 | 23.865 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | 72.860 | 70.850 | 70.938 | 0.088 | 16.7 | 0.100 | 0.000 | 16.7 | 25.959 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | 72.860 | 70.850 | 70.933 | 0.083 | 14.8 | 0.094 | 0.000 | 14.8 | 31.242 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | 72.860 | 70.850 | 70.923 | 0.073 | 11.6 | 0.083 | 0.000 | 11.6 | 34.021 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | 72.860 | 70.850 | 70.920 | 0.070 | 10.6 | 0.079 | 0.000 | 10.6 | 40.724 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | 72.860 | 70.850 | 70.910 | 0.060 | 7.7 | 0.068 | 0.000 | 7.7 | 44.319 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | 72.860 | 70.850 | 70.912 | 0.062 | 8.3 | 0.070 | 0.000 | 8.3 | 46.970 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | 72.860 | 70.850 | 70.903 | 0.053 | 6.0 | 0.060 | 0.000 | 5.9 | 51.081 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | 72.860 | 70.850 | 70.907 | 0.057 | 7.1 | 0.065 | 0.000 | 7.0 | 51.987 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | 72.860 | 70.850 | 70.898 | 0.048 | 5.0 | 0.055 | 0.000 | 4.9 | 56.584 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | 72.860 | 70.850 | 70.896 | 0.046 | 4.5 | 0.052 | 0.000 | 4.5 | 66.471 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | 72.860 | 70.850 | 70.889 | 0.039 | 3.2 | 0.044 | 0.000 | 3.2 | 72.256 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | 72.860 | 70.850 | 70.891 | 0.041 | 3.5 | 0.046 | 0.000 | 3.5 | 76.756 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | 72.860 | 70.850 | 70.884 | 0.034 | 2.4 | 0.039 | 0.000 | 2.4 | 83.375 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | 72.860 | 70.850 | 70.971 | 0.121 | 33.0 | 0.137 | 0.000 | 29.9 | 17.123 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | 72.860 | 70.850 | 70.973 | 0.123 | 33.7 | 0.139 | 0.000 | 30.7 | 18.608 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | 72.860 | 70.850 | 70.962 | 0.112 | 26.8 | 0.127 | 0.000 | 26.8 | 23.167 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | 72.860 | 70.850 | 70.963 | 0.113 | 27.2 | 0.128 | 0.000 | 27.0 | 25.210 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | 72.860 | 70.850 | 70.957 | 0.107 | 24.3 | 0.121 | 0.000 | 24.3 | 30.354 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | 72.860 | 70.850 | 70.950 | 0.100 | 21.2 | 0.113 | 0.000 | 21.3 | 33.006 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | 72.860 | 70.850 | 70.943 | 0.093 | 18.5 | 0.105 | 0.000 | 18.5 | 39.005 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | 72.860 | 70.850 | 70.932 | 0.082 | 14.5 | 0.093 | 0.000 | 14.5 | 42.421 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | 72.860 | 70.850 | 70.927 | 0.077 | 12.9 | 0.087 | 0.000 | 12.9 | 49.735 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | 72.860 | 70.850 | 70.916 | 0.066 | 9.4 | 0.075 | 0.000 | 9.4 | 54.056 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | 72.860 | 70.850 | 70.918 | 0.068 | 10.1 | 0.077 | 0.000 | 10.1 | 56.930 | OK |
| FSR: 2 years: +0 %: 360 mins: Winter | 72.860 | 70.850 | 70.908 | 0.058 | 7.2 | 0.066 | 0.000 | 7.2 | 61.935 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|-------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 2 years: +0 %: 480 mins: Summer | 72.86 0 | 70.85 0 | 70.913 | 0.063 | 8.5 | 0.071 | 0.000 | 8.5 | 62.630 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | 72.86 0 | 70.85 0 | 70.903 | 0.053 | 6.0 | 0.060 | 0.000 | 6.0 | 68.145 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | 72.86 0 | 70.85 0 | 70.900 | 0.050 | 5.4 | 0.057 | 0.000 | 5.4 | 78.933 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | 72.86 0 | 70.85 0 | 70.892 | 0.042 | 3.8 | 0.048 | 0.000 | 3.8 | 85.822 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | 72.86 0 | 70.85 0 | 70.894 | 0.044 | 4.1 | 0.050 | 0.000 | 4.1 | 90.243 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | 72.86 0 | 70.85 0 | 70.887 | 0.037 | 2.9 | 0.042 | 0.000 | 2.9 | 98.086 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | 72.86 0 | 70.85 0 | 71.020 | 0.170 | 61.4 | 0.193 | 0.000 | 55.8 | 32.355 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | 72.86 0 | 70.85 0 | 71.023 | 0.173 | 62.9 | 0.196 | 0.000 | 57.6 | 35.156 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | 72.86 0 | 70.85 0 | 71.008 | 0.158 | 50.9 | 0.179 | 0.000 | 50.8 | 44.204 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | 72.86 0 | 70.85 0 | 71.010 | 0.160 | 51.9 | 0.181 | 0.000 | 51.8 | 48.066 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | 72.86 0 | 70.85 0 | 71.000 | 0.150 | 46.2 | 0.170 | 0.000 | 46.2 | 57.842 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | 72.86 0 | 70.85 0 | 70.990 | 0.140 | 40.4 | 0.158 | 0.000 | 40.4 | 62.911 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | 72.86 0 | 70.85 0 | 70.979 | 0.129 | 34.9 | 0.146 | 0.000 | 34.8 | 73.469 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | 72.86 0 | 70.85 0 | 70.963 | 0.113 | 27.3 | 0.128 | 0.000 | 27.2 | 79.911 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | 72.86 0 | 70.85 0 | 70.955 | 0.105 | 23.5 | 0.119 | 0.000 | 23.5 | 90.783 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | 72.86 0 | 70.85 0 | 70.939 | 0.089 | 17.2 | 0.101 | 0.000 | 17.2 | 98.719 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | 72.86 0 | 70.85 0 | 70.942 | 0.092 | 18.1 | 0.104 | 0.000 | 18.1 | 102.306 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | 72.86 0 | 70.85 0 | 70.927 | 0.077 | 13.0 | 0.088 | 0.000 | 13.0 | 111.248 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | 72.86 0 | 70.85 0 | 70.934 | 0.084 | 15.1 | 0.095 | 0.000 | 15.1 | 111.157 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | 72.86 0 | 70.85 0 | 70.920 | 0.070 | 10.6 | 0.079 | 0.000 | 10.6 | 120.873 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | 72.86 0 | 70.85 0 | 70.915 | 0.065 | 9.2 | 0.074 | 0.000 | 9.2 | 135.158 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | 72.86 0 | 70.85 0 | 70.905 | 0.055 | 6.5 | 0.062 | 0.000 | 6.5 | 146.992 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | 72.86 0 | 70.85 0 | 70.907 | 0.057 | 6.9 | 0.064 | 0.000 | 6.8 | 151.056 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | 72.86 0 | 70.85 0 | 70.898 | 0.048 | 4.8 | 0.054 | 0.000 | 4.8 | 164.260 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | 72.86 0 | 70.85 0 | 71.047 | 0.197 | 78.4 | 0.222 | 0.000 | 71.7 | 41.722 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | 72.86 0 | 70.85 0 | 71.050 | 0.200 | 80.3 | 0.226 | 0.000 | 73.9 | 45.345 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | 72.86 0 | 70.85 0 | 71.034 | 0.184 | 66.2 | 0.208 | 0.000 | 66.1 | 57.642 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | 72.86 0 | 70.85 0 | 71.036 | 0.186 | 67.6 | 0.210 | 0.000 | 67.4 | 62.658 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|--------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 100 years: +0 %: 60 mins: Summer | 72.86 0 | 70.85 0 | 71.025 | 0.175 | 60.6 | 0.198 | 0.000 | 60.5 | 75.970 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | 72.86 0 | 70.85 0 | 71.012 | 0.162 | 53.1 | 0.183 | 0.000 | 53.0 | 82.634 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | 72.86 0 | 70.85 0 | 70.999 | 0.149 | 45.8 | 0.169 | 0.000 | 45.8 | 96.576 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | 72.86 0 | 70.85 0 | 70.981 | 0.131 | 35.9 | 0.148 | 0.000 | 35.8 | 105.020 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | 72.86 0 | 70.85 0 | 70.970 | 0.120 | 30.6 | 0.136 | 0.000 | 30.6 | 118.094 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | 72.86 0 | 70.85 0 | 70.952 | 0.102 | 22.4 | 0.116 | 0.000 | 22.4 | 128.448 | OK |
| FSR: 100 years: +0 %: 360 mins: Summer | 72.86 0 | 70.85 0 | 70.955 | 0.105 | 23.4 | 0.118 | 0.000 | 23.4 | 132.166 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | 72.86 0 | 70.85 0 | 70.938 | 0.088 | 16.8 | 0.100 | 0.000 | 16.8 | 143.720 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | 72.86 0 | 70.85 0 | 70.945 | 0.095 | 19.4 | 0.107 | 0.000 | 19.4 | 142.830 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | 72.86 0 | 70.85 0 | 70.929 | 0.079 | 13.6 | 0.090 | 0.000 | 13.6 | 155.337 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | 72.86 0 | 70.85 0 | 70.923 | 0.073 | 11.6 | 0.083 | 0.000 | 11.6 | 171.032 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | 72.86 0 | 70.85 0 | 70.912 | 0.062 | 8.2 | 0.070 | 0.000 | 8.2 | 186.052 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | 72.86 0 | 70.85 0 | 70.913 | 0.063 | 8.6 | 0.072 | 0.000 | 8.6 | 189.356 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | 72.86 0 | 70.85 0 | 70.903 | 0.053 | 6.0 | 0.060 | 0.000 | 6.0 | 205.942 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for MH5: Rank By: Max. Depth

| Storm Event | Cover Level (m) | Invert Level (m) | Max. Level (m) | Max. Depth (m) | Max. Inflow (L/s) | Max. Resident Volume (m³) | Max. Flooded Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Status |
|---------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | 72.600 | 70.680 | 70.782 | 0.102 | 23.7 | 0.000 | 0.000 | 24.1 | 13.160 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | 72.600 | 70.680 | 70.784 | 0.104 | 24.3 | 0.000 | 0.000 | 24.9 | 14.360 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | 72.600 | 70.680 | 70.776 | 0.096 | 20.8 | 0.000 | 0.000 | 20.8 | 17.963 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | 72.600 | 70.680 | 70.777 | 0.097 | 21.2 | 0.000 | 0.000 | 21.2 | 19.535 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | 72.600 | 70.680 | 70.772 | 0.092 | 19.1 | 0.000 | 0.000 | 19.1 | 23.865 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | 72.600 | 70.680 | 70.766 | 0.086 | 16.7 | 0.000 | 0.000 | 16.7 | 25.959 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | 72.600 | 70.680 | 70.761 | 0.081 | 14.8 | 0.000 | 0.000 | 14.8 | 31.242 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | 72.600 | 70.680 | 70.752 | 0.072 | 11.6 | 0.000 | 0.000 | 11.6 | 34.021 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | 72.600 | 70.680 | 70.749 | 0.069 | 10.6 | 0.000 | 0.000 | 10.6 | 40.724 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | 72.600 | 70.680 | 70.739 | 0.059 | 7.7 | 0.000 | 0.000 | 7.7 | 44.319 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | 72.600 | 70.680 | 70.741 | 0.061 | 8.3 | 0.000 | 0.000 | 8.3 | 46.970 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | 72.600 | 70.680 | 70.732 | 0.052 | 5.9 | 0.000 | 0.000 | 5.9 | 51.081 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | 72.600 | 70.680 | 70.737 | 0.057 | 7.0 | 0.000 | 0.000 | 7.0 | 51.987 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | 72.600 | 70.680 | 70.728 | 0.048 | 4.9 | 0.000 | 0.000 | 4.9 | 56.584 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | 72.600 | 70.680 | 70.726 | 0.046 | 4.5 | 0.000 | 0.000 | 4.5 | 66.471 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | 72.600 | 70.680 | 70.719 | 0.039 | 3.2 | 0.000 | 0.000 | 3.2 | 72.256 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | 72.600 | 70.680 | 70.720 | 0.040 | 3.5 | 0.000 | 0.000 | 3.5 | 76.756 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | 72.600 | 70.680 | 70.714 | 0.034 | 2.4 | 0.000 | 0.000 | 2.4 | 83.375 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | 72.600 | 70.680 | 70.795 | 0.115 | 29.9 | 0.000 | 0.000 | 31.0 | 17.123 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | 72.600 | 70.680 | 70.797 | 0.117 | 30.7 | 0.000 | 0.000 | 31.5 | 18.608 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | 72.600 | 70.680 | 70.789 | 0.109 | 26.8 | 0.000 | 0.000 | 26.8 | 23.167 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | 72.600 | 70.680 | 70.789 | 0.109 | 27.0 | 0.000 | 0.000 | 27.0 | 25.210 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | 72.600 | 70.680 | 70.784 | 0.104 | 24.3 | 0.000 | 0.000 | 24.3 | 30.354 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | 72.600 | 70.680 | 70.777 | 0.097 | 21.3 | 0.000 | 0.000 | 21.3 | 33.006 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | 72.600 | 70.680 | 70.771 | 0.091 | 18.5 | 0.000 | 0.000 | 18.5 | 39.005 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | 72.600 | 70.680 | 70.760 | 0.080 | 14.5 | 0.000 | 0.000 | 14.5 | 42.421 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | 72.600 | 70.680 | 70.756 | 0.076 | 12.9 | 0.000 | 0.000 | 12.9 | 49.735 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | 72.600 | 70.680 | 70.745 | 0.065 | 9.4 | 0.000 | 0.000 | 9.4 | 54.056 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | 72.600 | 70.680 | 70.747 | 0.067 | 10.1 | 0.000 | 0.000 | 10.1 | 56.930 | OK |
| FSR: 2 years: +0 %: 360 mins: Winter | 72.600 | 70.680 | 70.737 | 0.057 | 7.2 | 0.000 | 0.000 | 7.2 | 61.935 | OK |

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|------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



| | | | | | | | | | | |
|-------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 2 years: +0 %: 480 mins: Summer | 72.60 0 | 70.68 0 | 70.742 | 0.062 | 8.5 | 0.000 | 0.000 | 8.5 | 62.630 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | 72.60 0 | 70.68 0 | 70.732 | 0.052 | 6.0 | 0.000 | 0.000 | 6.0 | 68.145 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | 72.60 0 | 70.68 0 | 70.730 | 0.050 | 5.4 | 0.000 | 0.000 | 5.4 | 78.933 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | 72.60 0 | 70.68 0 | 70.722 | 0.042 | 3.8 | 0.000 | 0.000 | 3.8 | 85.822 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | 72.60 0 | 70.68 0 | 70.723 | 0.043 | 4.1 | 0.000 | 0.000 | 4.1 | 90.243 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | 72.60 0 | 70.68 0 | 70.717 | 0.037 | 2.9 | 0.000 | 0.000 | 2.9 | 98.086 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | 72.60 0 | 70.68 0 | 70.839 | 0.159 | 55.8 | 0.000 | 0.000 | 56.7 | 32.355 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | 72.60 0 | 70.68 0 | 70.842 | 0.162 | 57.6 | 0.000 | 0.000 | 58.4 | 35.156 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | 72.60 0 | 70.68 0 | 70.832 | 0.152 | 50.8 | 0.000 | 0.000 | 50.8 | 44.204 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | 72.60 0 | 70.68 0 | 70.833 | 0.153 | 51.8 | 0.000 | 0.000 | 51.8 | 48.066 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | 72.60 0 | 70.68 0 | 70.824 | 0.144 | 46.2 | 0.000 | 0.000 | 46.2 | 57.842 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | 72.60 0 | 70.68 0 | 70.815 | 0.135 | 40.4 | 0.000 | 0.000 | 40.4 | 62.911 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | 72.60 0 | 70.68 0 | 70.805 | 0.125 | 34.8 | 0.000 | 0.000 | 34.8 | 73.469 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | 72.60 0 | 70.68 0 | 70.790 | 0.110 | 27.2 | 0.000 | 0.000 | 27.2 | 79.911 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | 72.60 0 | 70.68 0 | 70.782 | 0.102 | 23.5 | 0.000 | 0.000 | 23.5 | 90.783 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | 72.60 0 | 70.68 0 | 70.768 | 0.088 | 17.2 | 0.000 | 0.000 | 17.2 | 98.719 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | 72.60 0 | 70.68 0 | 70.770 | 0.090 | 18.1 | 0.000 | 0.000 | 18.1 | 102.306 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | 72.60 0 | 70.68 0 | 70.756 | 0.076 | 13.0 | 0.000 | 0.000 | 13.0 | 111.248 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | 72.60 0 | 70.68 0 | 70.762 | 0.082 | 15.1 | 0.000 | 0.000 | 15.1 | 111.157 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | 72.60 0 | 70.68 0 | 70.749 | 0.069 | 10.6 | 0.000 | 0.000 | 10.6 | 120.873 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | 72.60 0 | 70.68 0 | 70.744 | 0.064 | 9.2 | 0.000 | 0.000 | 9.2 | 135.158 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | 72.60 0 | 70.68 0 | 70.734 | 0.054 | 6.5 | 0.000 | 0.000 | 6.5 | 146.992 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | 72.60 0 | 70.68 0 | 70.736 | 0.056 | 6.8 | 0.000 | 0.000 | 6.8 | 151.056 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | 72.60 0 | 70.68 0 | 70.727 | 0.047 | 4.8 | 0.000 | 0.000 | 4.8 | 164.260 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | 72.60 0 | 70.68 0 | 70.862 | 0.182 | 71.7 | 0.000 | 0.000 | 71.8 | 41.722 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | 72.60 0 | 70.68 0 | 70.865 | 0.185 | 73.9 | 0.000 | 0.000 | 74.1 | 45.345 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | 72.60 0 | 70.68 0 | 70.854 | 0.174 | 66.1 | 0.000 | 0.000 | 66.1 | 57.642 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | 72.60 0 | 70.68 0 | 70.856 | 0.176 | 67.4 | 0.000 | 0.000 | 67.5 | 62.658 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junctions Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |




| | | | | | | | | | | |
|--------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|----|
| FSR: 100 years: +0 %: 60 mins: Summer | 72.60 0 | 70.68 0 | 70.846 | 0.166 | 60.5 | 0.000 | 0.000 | 60.5 | 75.970 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | 72.60 0 | 70.68 0 | 70.835 | 0.155 | 53.0 | 0.000 | 0.000 | 53.1 | 82.634 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | 72.60 0 | 70.68 0 | 70.824 | 0.144 | 45.8 | 0.000 | 0.000 | 45.8 | 96.576 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | 72.60 0 | 70.68 0 | 70.807 | 0.127 | 35.8 | 0.000 | 0.000 | 35.8 | 105.020 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | 72.60 0 | 70.68 0 | 70.797 | 0.117 | 30.6 | 0.000 | 0.000 | 30.6 | 118.094 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | 72.60 0 | 70.68 0 | 70.780 | 0.100 | 22.4 | 0.000 | 0.000 | 22.4 | 128.448 | OK |
| FSR: 100 years: +0 %: 360 mins: Summer | 72.60 0 | 70.68 0 | 70.782 | 0.102 | 23.4 | 0.000 | 0.000 | 23.4 | 132.166 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | 72.60 0 | 70.68 0 | 70.766 | 0.086 | 16.8 | 0.000 | 0.000 | 16.8 | 143.720 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | 72.60 0 | 70.68 0 | 70.773 | 0.093 | 19.4 | 0.000 | 0.000 | 19.4 | 142.830 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | 72.60 0 | 70.68 0 | 70.758 | 0.078 | 13.6 | 0.000 | 0.000 | 13.6 | 155.337 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | 72.60 0 | 70.68 0 | 70.752 | 0.072 | 11.6 | 0.000 | 0.000 | 11.6 | 171.032 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | 72.60 0 | 70.68 0 | 70.741 | 0.061 | 8.2 | 0.000 | 0.000 | 8.2 | 186.052 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | 72.60 0 | 70.68 0 | 70.742 | 0.062 | 8.6 | 0.000 | 0.000 | 8.6 | 189.356 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | 72.60 0 | 70.68 0 | 70.732 | 0.052 | 6.0 | 0.000 | 0.000 | 6.0 | 205.942 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for 1.000: Rank By: Max. Flow

| Storm Event | Connection Type | From | To | Upstream Cover Level (m) | Max. US Water Level (m) | Max. Flow Depth (m) | Discharge Volume (m³) | Max. Velocity (m/s) | Flow / Capacity | Max. Flow (L/s) | Status |
|---------------------------------------|-----------------|------|-----|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|------------|
| FSR: 1 years: +0 %: 15 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.474 | 0.125 | 8.064 | 1.0 | 1.07 | 15.4 | Surcharged |
| FSR: 1 years: +0 %: 15 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.499 | 0.139 | 9.062 | 1.0 | 1.16 | 16.8 | Surcharged |
| FSR: 1 years: +0 %: 30 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.421 | 0.095 | 10.957 | 1.1 | 0.87 | 12.6 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.426 | 0.098 | 12.271 | 1.1 | 0.92 | 13.3 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.414 | 0.090 | 14.552 | 1.1 | 0.81 | 11.6 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.406 | 0.084 | 16.304 | 1.0 | 0.73 | 10.5 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.397 | 0.077 | 19.051 | 1.0 | 0.63 | 9.0 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.385 | 0.068 | 21.355 | 0.9 | 0.5 | 7.3 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.380 | 0.064 | 24.817 | 0.9 | 0.44 | 6.4 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.369 | 0.055 | 27.804 | 0.8 | 0.33 | 4.8 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.370 | 0.056 | 28.627 | 0.8 | 0.35 | 5.1 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.360 | 0.048 | 32.058 | 0.8 | 0.26 | 3.7 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.365 | 0.051 | 31.674 | 0.8 | 0.3 | 4.3 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.355 | 0.044 | 35.496 | 0.7 | 0.22 | 3.1 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.352 | 0.041 | 40.500 | 0.7 | 0.19 | 2.8 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.345 | 0.035 | 45.360 | 0.6 | 0.14 | 2.0 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.346 | 0.036 | 46.722 | 0.6 | 0.15 | 2.1 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.340 | 0.031 | 52.350 | 0.6 | 0.11 | 1.5 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.663 | 0.150 | 10.485 | 1.1 | 1.34 | 19.3 | Surcharged |
| FSR: 2 years: +0 %: 15 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.734 | 0.150 | 11.737 | 1.2 | 1.41 | 20.4 | Surcharged |
| FSR: 2 years: +0 %: 30 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.490 | 0.134 | 14.136 | 1.1 | 1.13 | 16.3 | Surcharged |
| FSR: 2 years: +0 %: 30 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.544 | 0.150 | 15.846 | 1.0 | 1.18 | 17.1 | Surcharged |
| FSR: 2 years: +0 %: 60 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.442 | 0.108 | 18.503 | 1.1 | 1.02 | 14.8 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.427 | 0.099 | 20.725 | 1.1 | 0.92 | 13.3 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.412 | 0.088 | 23.774 | 1.0 | 0.78 | 11.3 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.397 | 0.077 | 26.629 | 1.0 | 0.63 | 9.1 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.389 | 0.071 | 30.307 | 1.0 | 0.54 | 7.8 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.376 | 0.061 | 33.931 | 0.9 | 0.41 | 5.9 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.378 | 0.062 | 34.705 | 0.9 | 0.42 | 6.1 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |

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|----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|---------|
| FSR: 2 years: +0 %: 360 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.366 | 0.053 | 38.862 | 0.8 | 0.31 | 4.5 | OK |
| FSR: 2 years: +0 %: 480 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.371 | 0.057 | 38.167 | 0.8 | 0.36 | 5.2 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.360 | 0.048 | 42.756 | 0.8 | 0.26 | 3.7 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.357 | 0.045 | 48.090 | 0.7 | 0.23 | 3.3 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.349 | 0.038 | 53.856 | 0.7 | 0.16 | 2.4 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.350 | 0.039 | 54.984 | 0.7 | 0.17 | 2.5 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.343 | 0.033 | 61.596 | 0.6 | 0.12 | 1.8 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 19.792 | 2.0 | 2.43 | 35.1 | Surched |
| FSR: 30 years: +0 %: 15 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 22.133 | 2.1 | 2.57 | 37.2 | Surched |
| FSR: 30 years: +0 %: 30 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.381 | 0.150 | 26.973 | 1.8 | 2.14 | 31.0 | Surched |
| FSR: 30 years: +0 %: 30 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.492 | 0.150 | 30.192 | 1.8 | 2.25 | 32.5 | Surched |
| FSR: 30 years: +0 %: 60 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.189 | 0.150 | 35.267 | 1.6 | 1.95 | 28.1 | Surched |
| FSR: 30 years: +0 %: 60 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.012 | 0.150 | 39.489 | 1.4 | 1.75 | 25.4 | Surched |
| FSR: 30 years: +0 %: 120 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.770 | 0.150 | 44.785 | 1.2 | 1.47 | 21.2 | Surched |
| FSR: 30 years: +0 %: 120 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.545 | 0.150 | 50.142 | 1.1 | 1.18 | 17.1 | Surched |
| FSR: 30 years: +0 %: 240 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.436 | 0.105 | 55.315 | 1.1 | 0.99 | 14.3 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.408 | 0.086 | 61.951 | 1.0 | 0.75 | 10.8 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.410 | 0.087 | 62.335 | 1.0 | 0.76 | 11.0 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.391 | 0.072 | 69.804 | 1.0 | 0.56 | 8.1 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.398 | 0.078 | 67.711 | 1.0 | 0.64 | 9.2 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.381 | 0.065 | 75.852 | 0.9 | 0.46 | 6.7 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.374 | 0.059 | 82.339 | 0.9 | 0.39 | 5.6 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.363 | 0.050 | 92.232 | 0.8 | 0.28 | 4.1 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.364 | 0.051 | 92.082 | 0.8 | 0.29 | 4.2 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.355 | 0.043 | 103.092 | 0.7 | 0.21 | 3.0 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 25.500 | 2.5 | 3.05 | 44.0 | Surched |
| FSR: 100 years: +0 %: 15 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 28.535 | 2.7 | 3.28 | 47.4 | Surched |
| FSR: 100 years: +0 %: 30 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 35.172 | 2.3 | 2.78 | 40.3 | Surched |
| FSR: 100 years: +0 %: 30 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 39.359 | 2.4 | 2.92 | 42.3 | Surched |
| FSR: 100 years: +0 %: 60 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.550 | 0.150 | 46.310 | 2.1 | 2.55 | 36.9 | Surched |
| FSR: 100 years: +0 %: 60 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 72.547 | 0.150 | 51.869 | 1.9 | 2.3 | 33.3 | Surched |
| FSR: 100 years: +0 %: 120 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 72.173 | 0.150 | 58.868 | 1.6 | 1.93 | 27.9 | Surched |
| FSR: 100 years: +0 %: 120 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.841 | 0.150 | 65.922 | 1.3 | 1.56 | 22.5 | Surched |
| FSR: 100 years: +0 %: 240 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.607 | 0.150 | 71.968 | 1.1 | 1.29 | 18.6 | Surched |
| FSR: 100 years: +0 %: 240 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.433 | 0.103 | 80.611 | 1.1 | 0.97 | 14.0 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |




| | | | | | | | | | | | |
|-----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|----|
| FSR: 100 years: +0 %: 360 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.435 | 0.104 | 80.527 | 1.1 | 0.99 | 14.3 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.406 | 0.084 | 90.175 | 1.0 | 0.73 | 10.5 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.415 | 0.091 | 87.019 | 1.1 | 0.82 | 11.8 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.394 | 0.075 | 97.446 | 1.0 | 0.59 | 8.6 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.384 | 0.067 | 104.251 | 0.9 | 0.49 | 7.1 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.371 | 0.056 | 116.736 | 0.8 | 0.35 | 5.1 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | Pipe | MH1 | MH2 | 72.550 | 71.371 | 0.057 | 115.375 | 0.8 | 0.36 | 5.2 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | Pipe | MH1 | MH2 | 72.550 | 71.361 | 0.048 | 129.276 | 0.8 | 0.26 | 3.8 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for 1.001: Rank By: Max. Flow

| Storm Event | Connection Type | From | To | Upstream Cover Level (m) | Max. US Water Level (m) | Max. Flow Depth (m) | Discharge Volume (m³) | Max. Velocity (m/s) | Flow / Capacity | Max. Flow (L/s) | Status |
|---------------------------------------|-----------------|------|-----|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.132 | 0.095 | 9.621 | 0.7 | 0.07 | 18.2 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.135 | 0.096 | 10.812 | 0.8 | 0.08 | 19.1 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.124 | 0.086 | 13.107 | 0.7 | 0.06 | 15.1 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.126 | 0.088 | 14.678 | 0.7 | 0.06 | 15.9 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.122 | 0.083 | 17.406 | 0.7 | 0.06 | 13.9 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.118 | 0.078 | 19.500 | 0.7 | 0.05 | 12.5 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.113 | 0.073 | 22.788 | 0.6 | 0.04 | 10.8 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.107 | 0.065 | 25.549 | 0.6 | 0.03 | 8.7 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.104 | 0.062 | 29.688 | 0.6 | 0.03 | 7.7 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.097 | 0.053 | 33.270 | 0.5 | 0.02 | 5.8 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.098 | 0.055 | 34.254 | 0.5 | 0.02 | 6.1 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.091 | 0.047 | 38.358 | 0.5 | 0.02 | 4.5 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.094 | 0.051 | 37.890 | 0.5 | 0.02 | 5.1 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.088 | 0.043 | 42.498 | 0.5 | 0.01 | 3.7 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.086 | 0.041 | 48.456 | 0.5 | 0.01 | 3.3 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.081 | 0.035 | 54.294 | 0.4 | 0.01 | 2.4 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.082 | 0.036 | 55.955 | 0.4 | 0.01 | 2.5 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.077 | 0.031 | 62.580 | 0.4 | 0.01 | 1.8 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.142 | 0.107 | 12.511 | 0.8 | 0.09 | 22.7 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.145 | 0.109 | 14.006 | 0.8 | 0.1 | 24.0 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.134 | 0.098 | 16.903 | 0.8 | 0.08 | 19.5 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.137 | 0.100 | 18.940 | 0.8 | 0.08 | 20.3 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.131 | 0.094 | 22.136 | 0.7 | 0.07 | 17.7 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.126 | 0.088 | 24.797 | 0.7 | 0.06 | 16.0 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.120 | 0.082 | 28.440 | 0.7 | 0.05 | 13.5 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.113 | 0.073 | 31.861 | 0.7 | 0.04 | 10.9 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.109 | 0.068 | 36.258 | 0.6 | 0.04 | 9.4 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.102 | 0.059 | 40.596 | 0.6 | 0.03 | 7.1 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.102 | 0.060 | 41.514 | 0.6 | 0.03 | 7.4 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |

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|----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|----|
| FSR: 2 years: +0 %: 360 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.095 | 0.052 | 46.494 | 0.5 | 0.02 | 5.4 | OK |
| FSR: 2 years: +0 %: 480 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.098 | 0.056 | 45.684 | 0.5 | 0.02 | 6.2 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.091 | 0.047 | 51.168 | 0.5 | 0.02 | 4.5 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.089 | 0.044 | 57.540 | 0.5 | 0.02 | 3.9 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.083 | 0.038 | 64.410 | 0.4 | 0.01 | 2.8 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.084 | 0.039 | 65.802 | 0.4 | 0.01 | 3.0 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.079 | 0.033 | 73.614 | 0.4 | 0.01 | 2.2 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.178 | 0.149 | 23.639 | 0.9 | 0.17 | 41.8 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.183 | 0.153 | 26.446 | 0.9 | 0.18 | 44.5 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.169 | 0.139 | 32.242 | 0.9 | 0.15 | 37.0 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.173 | 0.141 | 36.102 | 0.9 | 0.16 | 38.9 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.163 | 0.131 | 42.179 | 0.9 | 0.14 | 33.7 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.157 | 0.123 | 47.235 | 0.9 | 0.12 | 30.4 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.147 | 0.113 | 53.571 | 0.8 | 0.1 | 25.4 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.137 | 0.100 | 59.999 | 0.8 | 0.08 | 20.5 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.129 | 0.092 | 66.179 | 0.7 | 0.07 | 17.1 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.119 | 0.079 | 74.125 | 0.7 | 0.05 | 12.9 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.120 | 0.081 | 74.586 | 0.7 | 0.05 | 13.2 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.110 | 0.069 | 83.514 | 0.6 | 0.04 | 9.7 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.114 | 0.074 | 81.024 | 0.6 | 0.04 | 11.0 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.105 | 0.062 | 90.744 | 0.6 | 0.03 | 8.0 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.100 | 0.058 | 98.520 | 0.6 | 0.03 | 6.7 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.093 | 0.049 | 110.370 | 0.5 | 0.02 | 4.9 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.094 | 0.050 | 110.190 | 0.5 | 0.02 | 5.0 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.087 | 0.042 | 123.300 | 0.5 | 0.01 | 3.6 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.197 | 0.172 | 30.469 | 1.0 | 0.21 | 53.0 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.203 | 0.176 | 34.100 | 1.0 | 0.23 | 56.5 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.188 | 0.161 | 42.049 | 0.9 | 0.19 | 48.2 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.192 | 0.164 | 47.070 | 1.0 | 0.2 | 50.6 | OK |
| FSR: 100 years: +0 %: 60 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.181 | 0.153 | 55.392 | 0.9 | 0.18 | 44.1 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.174 | 0.143 | 62.041 | 0.9 | 0.16 | 39.8 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.162 | 0.131 | 70.417 | 0.9 | 0.13 | 33.4 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.150 | 0.116 | 78.856 | 0.8 | 0.11 | 26.9 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.140 | 0.105 | 86.084 | 0.8 | 0.09 | 22.3 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.128 | 0.090 | 96.444 | 0.7 | 0.07 | 16.8 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|-----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|----|
| FSR: 100 years: +0 %: 360 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.129 | 0.092 | 96.341 | 0.7 | 0.07 | 17.1 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.118 | 0.078 | 107.910 | 0.7 | 0.05 | 12.6 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.122 | 0.083 | 104.124 | 0.7 | 0.06 | 14.1 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.112 | 0.071 | 116.622 | 0.6 | 0.04 | 10.2 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.106 | 0.065 | 124.716 | 0.6 | 0.03 | 8.5 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.098 | 0.055 | 139.674 | 0.6 | 0.02 | 6.1 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | Pipe | MH2 | MH4 | 72.550 | 71.099 | 0.056 | 138.072 | 0.6 | 0.03 | 6.3 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | Pipe | MH2 | MH4 | 72.550 | 71.092 | 0.047 | 154.662 | 0.5 | 0.02 | 4.5 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |




Summary Results for 2.000: Rank By: Max. Flow

| Storm Event | Connection Type | From | To | Upstream Cover Level (m) | Max. US Water Level (m) | Max. Flow Depth (m) | Discharge Volume (m³) | Max. Velocity (m/s) | Flow / Capacity | Max. Flow (L/s) | Status |
|---------------------------------------|-----------------|------|-----|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.054 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.054 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.049 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.050 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.047 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.044 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.041 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.037 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.035 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.030 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.031 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.026 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.029 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.024 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.023 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.019 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.020 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.017 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.061 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.061 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.056 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.056 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.053 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.050 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.046 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.041 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.039 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.033 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.034 | 0.000 | 0.0 | 0 | 0.0 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|----------------------------------------|------|-----|-----|--------|--------|-------|-------|-----|---|-----|----|
| FSR: 2 years: +0 %: 360 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.029 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 480 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.031 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.026 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.025 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.021 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.022 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.019 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.085 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.087 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.079 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.080 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.075 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.070 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.065 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.057 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.052 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.045 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.046 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.039 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.042 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.035 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.033 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.027 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.028 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.024 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.098 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.100 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.092 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.093 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 60 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.087 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.081 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.075 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.066 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.060 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.051 | 0.000 | 0.0 | 0 | 0.0 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |


| | | | | | | | | | | | |
|-----------------------------------------|------|-----|-----|--------|--------|-------|-------|-----|---|-----|----|
| FSR: 100 years: +0 %: 360 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.052 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.044 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.048 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.040 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.037 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.031 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.032 | 0.000 | 0.0 | 0 | 0.0 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | Pipe | MH3 | MH4 | 72.600 | 71.150 | 0.027 | 0.000 | 0.0 | 0 | 0.0 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



Summary Results for Ex pipe: Rank By: Max. Flow

| Storm Event | Connection Type | From | To | Upstream Cover Level (m) | Max. US Water Level (m) | Max. Flow Depth (m) | Discharge Volume (m³) | Max. Velocity (m/s) | Flow / Capacity | Max. Flow (L/s) | Status |
|---------------------------------------|-----------------|------|-----|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|--------|
| FSR: 1 years: +0 %: 15 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.957 | 0.105 | 13.160 | 0.8 | 0.12 | 23.7 | OK |
| FSR: 1 years: +0 %: 15 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.958 | 0.106 | 14.360 | 0.8 | 0.12 | 24.3 | OK |
| FSR: 1 years: +0 %: 30 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.948 | 0.097 | 17.963 | 0.8 | 0.1 | 20.8 | OK |
| FSR: 1 years: +0 %: 30 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.949 | 0.098 | 19.535 | 0.8 | 0.1 | 21.2 | OK |
| FSR: 1 years: +0 %: 60 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.944 | 0.093 | 23.865 | 0.8 | 0.09 | 19.1 | OK |
| FSR: 1 years: +0 %: 60 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.938 | 0.087 | 25.959 | 0.8 | 0.08 | 16.7 | OK |
| FSR: 1 years: +0 %: 120 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.933 | 0.082 | 31.242 | 0.7 | 0.07 | 14.8 | OK |
| FSR: 1 years: +0 %: 120 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.923 | 0.073 | 34.021 | 0.7 | 0.06 | 11.6 | OK |
| FSR: 1 years: +0 %: 240 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.920 | 0.069 | 40.724 | 0.7 | 0.05 | 10.6 | OK |
| FSR: 1 years: +0 %: 240 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.910 | 0.060 | 44.319 | 0.6 | 0.04 | 7.7 | OK |
| FSR: 1 years: +0 %: 360 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.912 | 0.062 | 46.970 | 0.6 | 0.04 | 8.3 | OK |
| FSR: 1 years: +0 %: 360 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.903 | 0.052 | 51.081 | 0.6 | 0.03 | 5.9 | OK |
| FSR: 1 years: +0 %: 480 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.907 | 0.057 | 51.987 | 0.6 | 0.03 | 7.0 | OK |
| FSR: 1 years: +0 %: 480 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.898 | 0.048 | 56.584 | 0.5 | 0.02 | 4.9 | OK |
| FSR: 1 years: +0 %: 960 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.896 | 0.046 | 66.471 | 0.5 | 0.02 | 4.5 | OK |
| FSR: 1 years: +0 %: 960 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.889 | 0.039 | 72.256 | 0.5 | 0.02 | 3.2 | OK |
| FSR: 1 years: +0 %: 1440 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.891 | 0.040 | 76.756 | 0.5 | 0.02 | 3.5 | OK |
| FSR: 1 years: +0 %: 1440 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.884 | 0.034 | 83.375 | 0.4 | 0.01 | 2.4 | OK |
| FSR: 2 years: +0 %: 15 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.971 | 0.118 | 17.123 | 0.9 | 0.15 | 29.9 | OK |
| FSR: 2 years: +0 %: 15 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.973 | 0.120 | 18.608 | 0.9 | 0.15 | 30.7 | OK |
| FSR: 2 years: +0 %: 30 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.962 | 0.111 | 23.167 | 0.9 | 0.13 | 26.8 | OK |
| FSR: 2 years: +0 %: 30 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.963 | 0.111 | 25.210 | 0.9 | 0.13 | 27.0 | OK |
| FSR: 2 years: +0 %: 60 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.957 | 0.105 | 30.354 | 0.9 | 0.12 | 24.3 | OK |
| FSR: 2 years: +0 %: 60 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.950 | 0.098 | 33.006 | 0.8 | 0.1 | 21.3 | OK |
| FSR: 2 years: +0 %: 120 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.943 | 0.092 | 39.005 | 0.8 | 0.09 | 18.5 | OK |
| FSR: 2 years: +0 %: 120 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.932 | 0.081 | 42.421 | 0.7 | 0.07 | 14.5 | OK |
| FSR: 2 years: +0 %: 240 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.927 | 0.077 | 49.735 | 0.7 | 0.06 | 12.9 | OK |
| FSR: 2 years: +0 %: 240 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.916 | 0.066 | 54.056 | 0.7 | 0.05 | 9.4 | OK |
| FSR: 2 years: +0 %: 360 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.918 | 0.068 | 56.930 | 0.7 | 0.05 | 10.1 | OK |

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| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |

| | | | | | | | | | | | |
|----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|----|
| FSR: 2 years: +0 %: 360 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.908 | 0.058 | 61.935 | 0.6 | 0.04 | 7.2 | OK |
| FSR: 2 years: +0 %: 480 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.913 | 0.062 | 62.630 | 0.6 | 0.04 | 8.5 | OK |
| FSR: 2 years: +0 %: 480 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.903 | 0.053 | 68.145 | 0.6 | 0.03 | 6.0 | OK |
| FSR: 2 years: +0 %: 960 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.900 | 0.050 | 78.933 | 0.6 | 0.03 | 5.4 | OK |
| FSR: 2 years: +0 %: 960 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.892 | 0.042 | 85.822 | 0.5 | 0.02 | 3.8 | OK |
| FSR: 2 years: +0 %: 1440 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.894 | 0.044 | 90.243 | 0.5 | 0.02 | 4.1 | OK |
| FSR: 2 years: +0 %: 1440 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.887 | 0.037 | 98.086 | 0.5 | 0.01 | 2.9 | OK |
| FSR: 30 years: +0 %: 15 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.020 | 0.165 | 32.355 | 1.1 | 0.27 | 55.8 | OK |
| FSR: 30 years: +0 %: 15 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 71.023 | 0.168 | 35.156 | 1.1 | 0.28 | 57.6 | OK |
| FSR: 30 years: +0 %: 30 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.008 | 0.155 | 44.204 | 1.0 | 0.25 | 50.8 | OK |
| FSR: 30 years: +0 %: 30 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 71.010 | 0.157 | 48.066 | 1.1 | 0.25 | 51.8 | OK |
| FSR: 30 years: +0 %: 60 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.000 | 0.147 | 57.842 | 1.0 | 0.22 | 46.2 | OK |
| FSR: 30 years: +0 %: 60 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.990 | 0.137 | 62.911 | 1.0 | 0.2 | 40.4 | OK |
| FSR: 30 years: +0 %: 120 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.979 | 0.127 | 73.469 | 0.9 | 0.17 | 34.8 | OK |
| FSR: 30 years: +0 %: 120 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.963 | 0.112 | 79.911 | 0.9 | 0.13 | 27.2 | OK |
| FSR: 30 years: +0 %: 240 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.955 | 0.104 | 90.783 | 0.9 | 0.11 | 23.5 | OK |
| FSR: 30 years: +0 %: 240 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.939 | 0.088 | 98.719 | 0.8 | 0.08 | 17.2 | OK |
| FSR: 30 years: +0 %: 360 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.942 | 0.091 | 102.306 | 0.8 | 0.09 | 18.1 | OK |
| FSR: 30 years: +0 %: 360 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.927 | 0.077 | 111.248 | 0.7 | 0.06 | 13.0 | OK |
| FSR: 30 years: +0 %: 480 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.934 | 0.083 | 111.157 | 0.8 | 0.07 | 15.1 | OK |
| FSR: 30 years: +0 %: 480 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.920 | 0.070 | 120.873 | 0.7 | 0.05 | 10.6 | OK |
| FSR: 30 years: +0 %: 960 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.915 | 0.065 | 135.158 | 0.7 | 0.04 | 9.2 | OK |
| FSR: 30 years: +0 %: 960 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.905 | 0.055 | 146.992 | 0.6 | 0.03 | 6.5 | OK |
| FSR: 30 years: +0 %: 1440 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.907 | 0.056 | 151.056 | 0.6 | 0.03 | 6.8 | OK |
| FSR: 30 years: +0 %: 1440 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.898 | 0.047 | 164.260 | 0.5 | 0.02 | 4.8 | OK |
| FSR: 100 years: +0 %: 15 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.047 | 0.189 | 41.722 | 1.1 | 0.35 | 71.7 | OK |
| FSR: 100 years: +0 %: 15 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 71.050 | 0.193 | 45.345 | 1.1 | 0.36 | 73.9 | OK |
| FSR: 100 years: +0 %: 30 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.034 | 0.179 | 57.642 | 1.1 | 0.32 | 66.1 | OK |
| FSR: 100 years: +0 %: 30 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 71.036 | 0.181 | 62.658 | 1.1 | 0.33 | 67.4 | OK |
| FSR: 100 years: +0 %: 60 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 71.025 | 0.170 | 75.970 | 1.1 | 0.29 | 60.5 | OK |
| FSR: 100 years: +0 %: 60 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 71.012 | 0.159 | 82.634 | 1.1 | 0.26 | 53.0 | OK |
| FSR: 100 years: +0 %: 120 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.999 | 0.146 | 96.576 | 1.0 | 0.22 | 45.8 | OK |
| FSR: 100 years: +0 %: 120 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.981 | 0.129 | 105.020 | 1.0 | 0.17 | 35.8 | OK |
| FSR: 100 years: +0 %: 240 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.970 | 0.119 | 118.094 | 0.9 | 0.15 | 30.6 | OK |
| FSR: 100 years: +0 %: 240 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.952 | 0.101 | 128.448 | 0.8 | 0.11 | 22.4 | OK |

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|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Connections Summary Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



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|-----------------------------------------|------|-----|-----|--------|--------|-------|---------|-----|------|------|----|
| FSR: 100 years: +0 %: 360 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.955 | 0.103 | 132.166 | 0.8 | 0.11 | 23.4 | OK |
| FSR: 100 years: +0 %: 360 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.938 | 0.087 | 143.720 | 0.8 | 0.08 | 16.8 | OK |
| FSR: 100 years: +0 %: 480 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.945 | 0.094 | 142.830 | 0.8 | 0.09 | 19.4 | OK |
| FSR: 100 years: +0 %: 480 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.929 | 0.079 | 155.337 | 0.7 | 0.07 | 13.6 | OK |
| FSR: 100 years: +0 %: 960 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.923 | 0.073 | 171.032 | 0.7 | 0.06 | 11.6 | OK |
| FSR: 100 years: +0 %: 960 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.912 | 0.061 | 186.052 | 0.6 | 0.04 | 8.2 | OK |
| FSR: 100 years: +0 %: 1440 mins: Summer | Pipe | MH4 | MH5 | 72.860 | 70.913 | 0.063 | 189.356 | 0.6 | 0.04 | 8.6 | OK |
| FSR: 100 years: +0 %: 1440 mins: Winter | Pipe | MH4 | MH5 | 72.860 | 70.903 | 0.053 | 205.942 | 0.6 | 0.03 | 6.0 | OK |

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|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junction Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



MH1
Critical Storm: FSR: 30 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Manhole

Tables

| Time (mins) | Total Inflow (L/s) | Depth (m) | Volume (m³) | Flooded Volume (m³) | Total Outflow (L/s) |
|-------------|--------------------|-----------|-------------|---------------------|---------------------|
| 0 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 5 | 9.6 | 0.091 | 0.102 | 0.000 | 8.8 |
| 10 | 44.0 | 1.244 | 1.407 | 0.000 | 35.1 |
| 15 | 11.9 | 0.376 | 0.425 | 0.000 | 20.3 |
| 20 | 0.5 | 0.033 | 0.037 | 0.000 | 1.6 |
| 25 | 0.0 | 0.005 | 0.006 | 0.000 | 0.0 |
| 30 | 0.0 | 0.003 | 0.003 | 0.000 | 0.0 |

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|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junction Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



MH2
Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Manhole

Tables

| Time (mins) | Total Inflow (L/s) | Depth (m) | Volume (m³) | Flooded Volume (m³) | Total Outflow (L/s) |
|-------------|--------------------|-----------|-------------|---------------------|---------------------|
| 0 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 5 | 17.3 | 0.078 | 0.089 | 0.000 | 16.0 |
| 10 | 59.2 | 0.153 | 0.173 | 0.000 | 56.5 |
| 15 | 34.6 | 0.118 | 0.134 | 0.000 | 37.5 |
| 20 | 2.6 | 0.041 | 0.046 | 0.000 | 4.6 |
| 25 | 0.0 | 0.009 | 0.010 | 0.000 | 0.2 |
| 30 | 0.0 | 0.003 | 0.004 | 0.000 | 0.0 |

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|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junction Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



MH3
Critical Storm: FSR: 1 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Manhole

Tables

| Time (mins) | Total Inflow (L/s) | Depth (m) | Volume (m³) | Flooded Volume (m³) | Total Outflow (L/s) |
|-------------|--------------------|-----------|-------------|---------------------|---------------------|
| 0 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 5 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 10 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 15 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 20 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 25 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 30 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |

| | | | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junction Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |



MH4
Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Manhole

Tables

| Time (mins) | Total Inflow (L/s) | Depth (m) | Volume (m³) | Flooded Volume (m³) | Total Outflow (L/s) |
|-------------|--------------------|-----------|-------------|---------------------|---------------------|
| 0 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 5 | 22.3 | 0.095 | 0.107 | 0.000 | 18.2 |
| 10 | 80.3 | 0.200 | 0.226 | 0.000 | 73.9 |
| 15 | 44.9 | 0.155 | 0.175 | 0.000 | 51.4 |
| 20 | 5.0 | 0.062 | 0.070 | 0.000 | 8.8 |
| 25 | 0.2 | 0.017 | 0.019 | 0.000 | 0.5 |
| 30 | 0.0 | 0.009 | 0.010 | 0.000 | 0.1 |

| | | | |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |
| | Designed by: AP | Checked by: | Approved By: |
| Report Details: Type: Junction Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | |




MH5
Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Manhole

Tables

| Time (mins) | Total Inflow (L/s) | Depth (m) | Volume (m³) | Flooded Volume (m³) | Total Outflow (L/s) |
|-------------|--------------------|-----------|-------------|---------------------|---------------------|
| 0 | 0.0 | 0.000 | 0.000 | 0.000 | 0.0 |
| 5 | 18.2 | 0.090 | 0.000 | 0.000 | 19.5 |
| 10 | 73.9 | 0.185 | 0.000 | 0.000 | 74.1 |
| 15 | 51.4 | 0.153 | 0.000 | 0.000 | 51.4 |
| 20 | 8.8 | 0.063 | 0.000 | 0.000 | 8.3 |
| 25 | 0.5 | 0.017 | 0.000 | 0.000 | 0.5 |
| 30 | 0.1 | 0.009 | 0.000 | 0.000 | 0.1 |

| | | | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connection Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |




1.000

Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Pipe

Tables

| Time (mins) | Depth (m) | Flow (L/s) |
|-------------|-----------|------------|
| 0 | 0.000 | 0.0 |
| 5 | 0.105 | 14.2 |
| 10 | 0.150 | 47.4 |
| 15 | 0.150 | 31.0 |
| 20 | 0.041 | 2.4 |
| 25 | 0.007 | 0.0 |
| 30 | 0.003 | 0.0 |

| | | | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connection Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |




1.001

Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Pipe

Tables

| Time (mins) | Depth (m) | Flow (L/s) |
|-------------|-----------|------------|
| 0 | 0.000 | 0.0 |
| 5 | 0.087 | 16.0 |
| 10 | 0.176 | 56.5 |
| 15 | 0.137 | 37.5 |
| 20 | 0.051 | 4.6 |
| 25 | 0.013 | 0.2 |
| 30 | 0.006 | 0.0 |

| | | | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connection Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |




2.000

Critical Storm: FSR: 1 years: Increase Rainfall (%): +0: 15 mins: Summer

Type : Pipe

Tables

| Time (mins) | Depth (m) | Flow (L/s) |
|-------------|-----------|------------|
| 0 | 0.000 | 0.0 |
| 5 | 0.020 | 0.0 |
| 10 | 0.054 | 0.0 |
| 15 | 0.039 | 0.0 |
| 20 | 0.018 | 0.0 |
| 25 | 0.007 | 0.0 |
| 30 | 0.004 | 0.0 |

| | | | | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| BAE 1 Shed Press: Existing SW Drainage | Date: 25/06/2025 | | |  |
| | Designed by: AP | Checked by: | Approved By: | |
| Report Details: Type: Connection Results Storm Phase: Phase | TRP Consulting Ltd: 3rd Floor Conavon Court, 12 Blackfriars Street Manchester, M3 5BQ | | | |



Ex pipe

Critical Storm: FSR: 100 years: Increase Rainfall (%): +0: 15 mins: Winter

Type : Pipe

Tables

| Time (mins) | Depth (m) | Flow (L/s) |
|-------------|-----------|------------|
| 0 | 0.000 | 0.0 |
| 5 | 0.092 | 18.2 |
| 10 | 0.193 | 73.9 |
| 15 | 0.154 | 51.4 |
| 20 | 0.063 | 8.8 |
| 25 | 0.017 | 0.5 |
| 30 | 0.009 | 0.1 |