

**APPENDIX E – EA Flood Map**

# Flood map for planning

Your reference  
<Unspecified>

Location (easting/northing)  
567083/171738

Created  
16 Sep 2022 15:02

**Your selected location is in flood zone 1, an area with a low probability of flooding.**

You will need to do a flood risk assessment if your site is **any of the following**:

- bigger than 1 hectare (ha)
- In an area with critical drainage problems as notified by the Environment Agency
- identified as being at increased flood risk in future by the local authority's strategic flood risk assessment
- at risk from other sources of flooding (such as surface water or reservoirs) and its development would increase the vulnerability of its use (such as constructing an office on an undeveloped site or converting a shop to a dwelling)

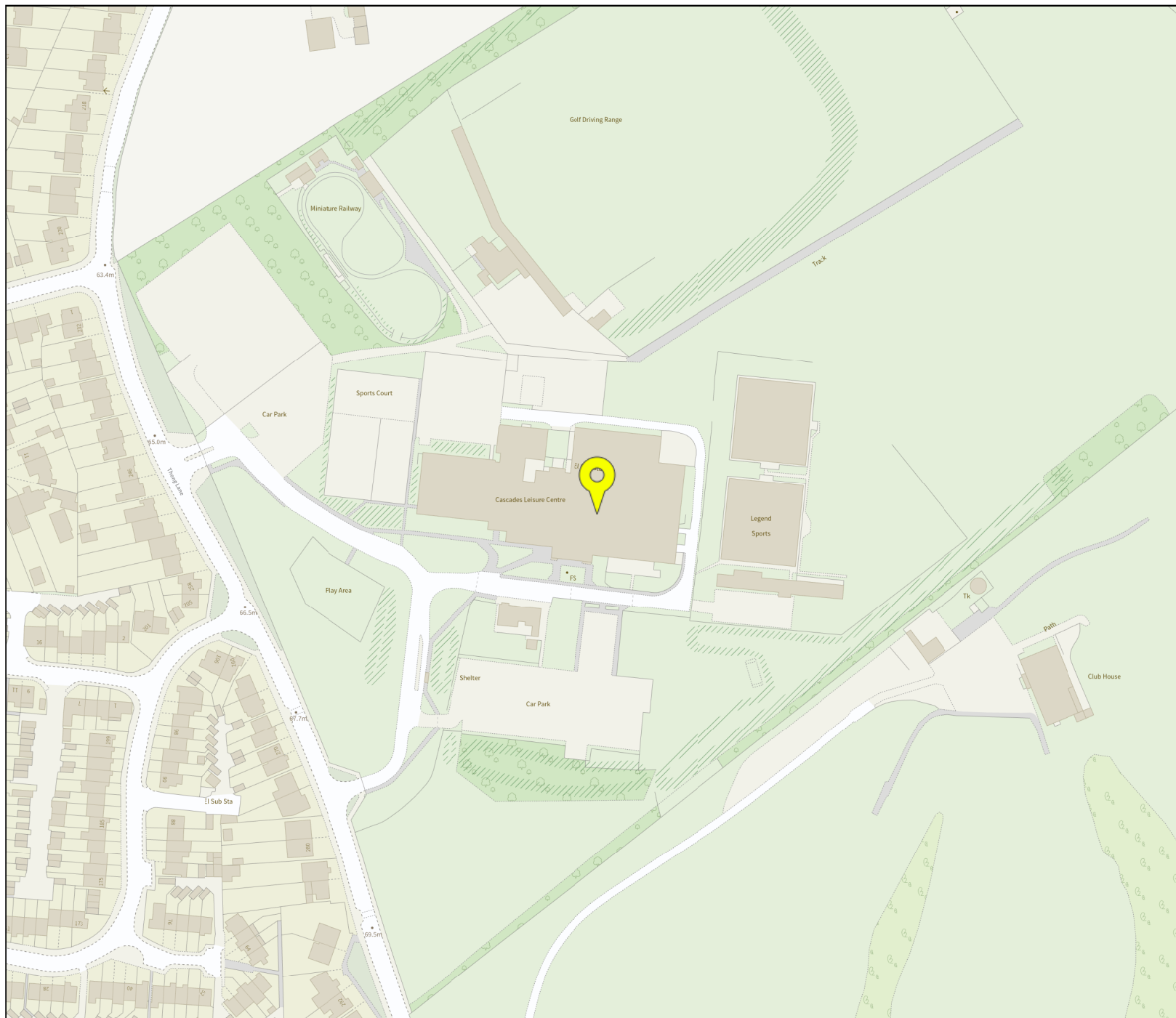
## Notes

The flood map for planning shows river and sea flooding data only. It doesn't include other sources of flooding. It is for use in development planning and flood risk assessments.

This information relates to the selected location and is not specific to any property within it. The map is updated regularly and is correct at the time of printing.

Flood risk data is covered by the Open Government Licence **which** sets out the terms and conditions for using government data. <https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>

Use of the address and mapping data is subject to Ordnance Survey public viewing terms under Crown copyright and database rights 2021 OS 100024198. <https://flood-map-for-planning.service.gov.uk/os-terms>



## Flood map for planning

Your reference  
**<Unspecified>**

Location (easting/northing)  
**567083/171738**

Scale  
**1:2500**

Created  
**16 Sep 2022 15:02**

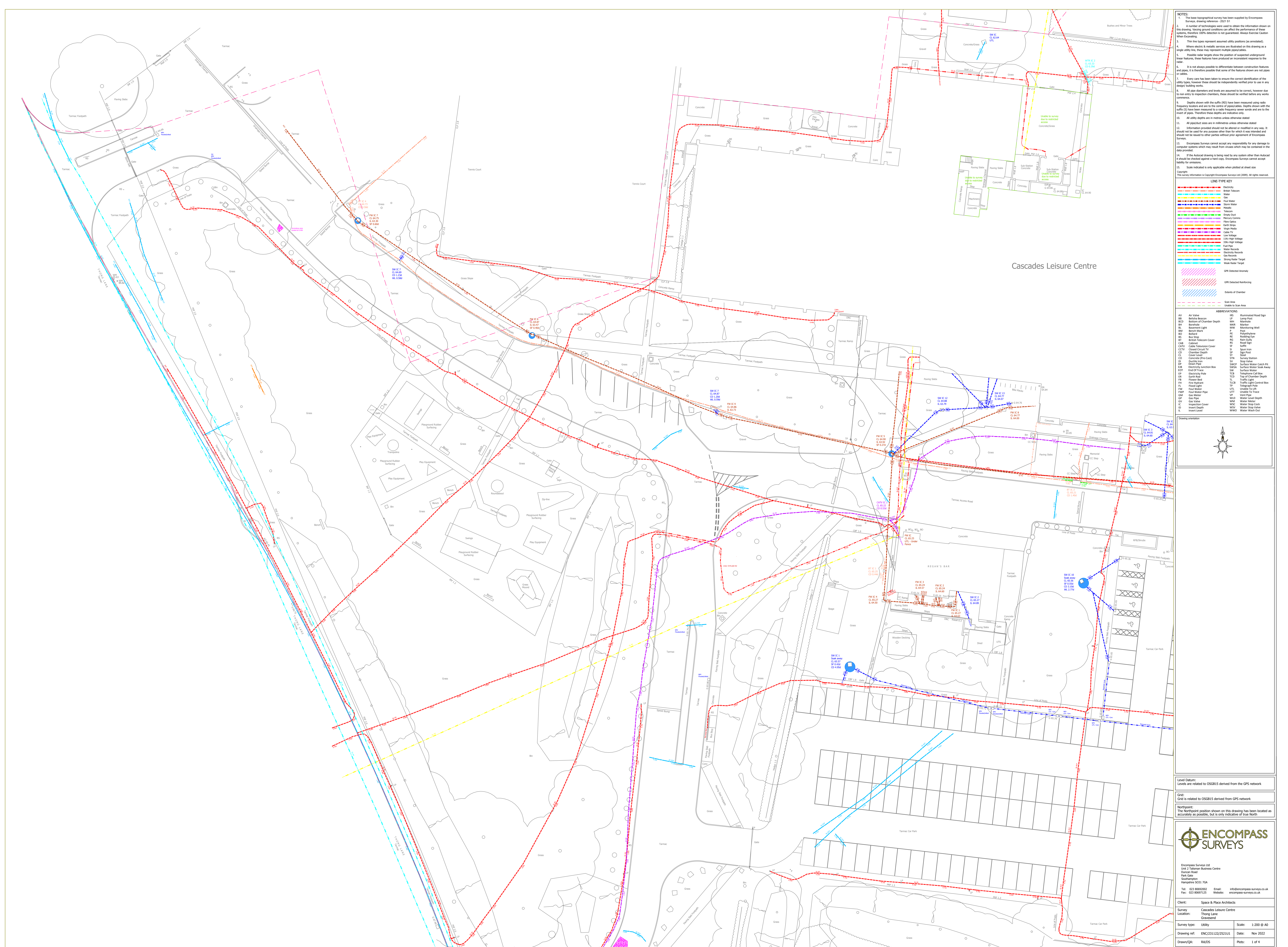
-  Selected point
-  Flood zone 3
-  Flood zone 3: areas benefitting from flood defences
-  Flood zone 2
-  Flood zone 1
-  Flood defence
-  Main river
-  Water storage area

0 20 40 60m

**APPENDIX F – Utility Survey Map**







- [illegible]

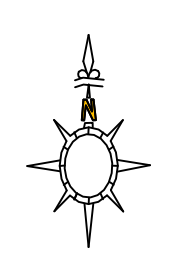
## LINE-TYPE KE

|                                  |
|----------------------------------|
| Electricity                      |
| British Telecom                  |
| Water                            |
| Gas                              |
| Fuel Water                       |
| Storm Water                      |
| Sewage                           |
| Telecom                          |
| Energy Dept                      |
| Nuclear Cements                  |
| Pipes Cables                     |
| Earth Shocks                     |
| Virgin Media                     |
| Cable TV                         |
| Low Voltage                      |
| UK High Voltage                  |
| 230V High Voltage                |
| Railway                          |
| Water Records                    |
| Water Area Records               |
| Gas Records                      |
| Strong Radar Target              |
| Weaker Radar Target              |
| GPR Detected Anomaly             |
| GPR Detected Reinforcing         |
| Exposed of Chamber               |
| Scan Area<br>where to Scan Again |

AV Air Valve

[illegible]

#### Drawing orientation



Level Datum:  
Levels are related to OSGB15 derived from the GPS network.

Grid:  
Grid is related to OSGB15 derived from GPS network

Northpoint:  
The Northpoint position shown on this drawing has been located as accurately as possible, but is only indicative of true North



Encompass Surveys Ltd  
Unit 2, Talisman Business Centre  
Duncan Road  
Park Gate  
Southampton  
Hampshire SO31 7GA

Tel: 023 80692002  
Fax: 023 80697125

Email: [info@encompass-surveys.co.uk](mailto:info@encompass-surveys.co.uk)  
Website: [encompass-surveys.co.uk](http://encompass-surveys.co.uk)

|                  |                                       |
|------------------|---------------------------------------|
| Client:          | Space & Place Architects              |
| Survey Location: | Cascades Leisure Centre<br>Thorn Lane |

|           |  |                |
|-----------|--|----------------|
| Gravesend |  | Cost: £ 999.00 |
|-----------|--|----------------|

|              |                  |        |            |
|--------------|------------------|--------|------------|
| Survey type: | Utility          | Scale: | 1:200 @ A0 |
| Drawing ref: | ENC1231231231111 | Date:  | Nov. 2022  |

|            |                   |        |           |
|------------|-------------------|--------|-----------|
| Drawn/Per: | ENC/291124/291104 | Date:  | 10/7/2012 |
| Drawn/QA:  | RA/DS             | Plots: | 2 of 4    |

[illegible]

**APPENDIX G – Southern Water Asset Plan**

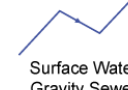
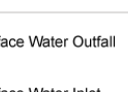
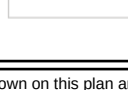


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Data updated: 16/08/22

Scale: 1:1250  
Map Centre: 567080.171736

Date: 23/09/22  
Our Ref: 959003 - 1

Wastewater Plan A2  
Powered by digdat

|                                                                                                                     |                                                                                                               |                                                                                                                                   |                                                                                                                    |                                                                                                                      |                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Foul Gravity Sewer            | <br>Combined Gravity Sewer | <br>Culverted Water Course or Treated Effluent | <br>Surface Water Gravity Sewer | <br>Combined Pumping Station      | <br>Foul Manhole                                                                     |
| <br>Rising Main, Vacuum or Syphon | <br>Combined Outfall       | <br>Surface Water Outfall                      | <br>Surface Water Inlet         | <br>Surface Water Pumping Station | <br>Combined Manhole                                                                 |
|                                                                                                                     | <br>Foul Outfall           |                                                                                                                                   |                                                                                                                    | <br>Foul Pumping Station          | <br>Surface Water Manhole                                                            |
|                                                                                                                     |                                                                                                               |                                                                                                                                   |                                                                                                                    | <br>Water Treatment Works         | <br>Side Entry Manhole, Decarcation Chamber, Dummy Manhole or Surface Water Soakaway |
|                                                                                                                     |                                                                                                               |                                                                                                                                   |                                                                                                                    | <br>Section 104 Area              |                                                                                                                                                                         |
|                                                                                                                     |                                                                                                               |                                                                                                                                   |                                                                                                                    | <br>Building Over Agreement Area  |                                                                                                                                                                         |

h.patel@furnesspartnership.com

Gravesham Leisure



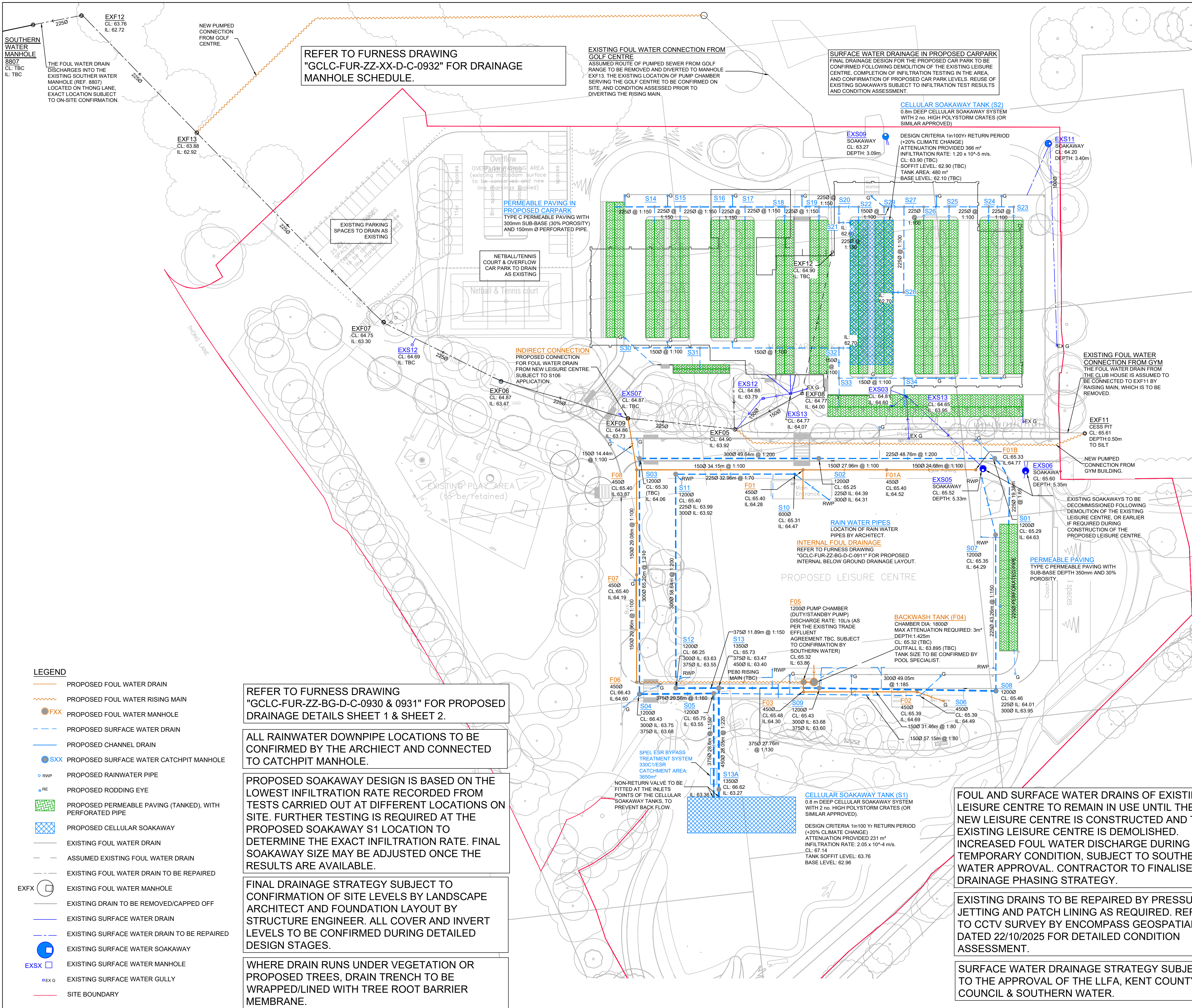
The positions of pipes shown on this plan are believed to be correct, but Southern Water Services Ltd accept no responsibility in the event of inaccuracy. The actual positions should be determined on site. This plan is produced by Southern Water Services Ltd (c) Crown copyright and database rights 2022 Ordnance Survey 100031673. This map is to be used for the purposes of viewing the location of Southern Water plant only. Any other uses of the map data or further copies is not permitted.

WARNING: BAC pipes are constructed of Bonded Asbestos Cement.

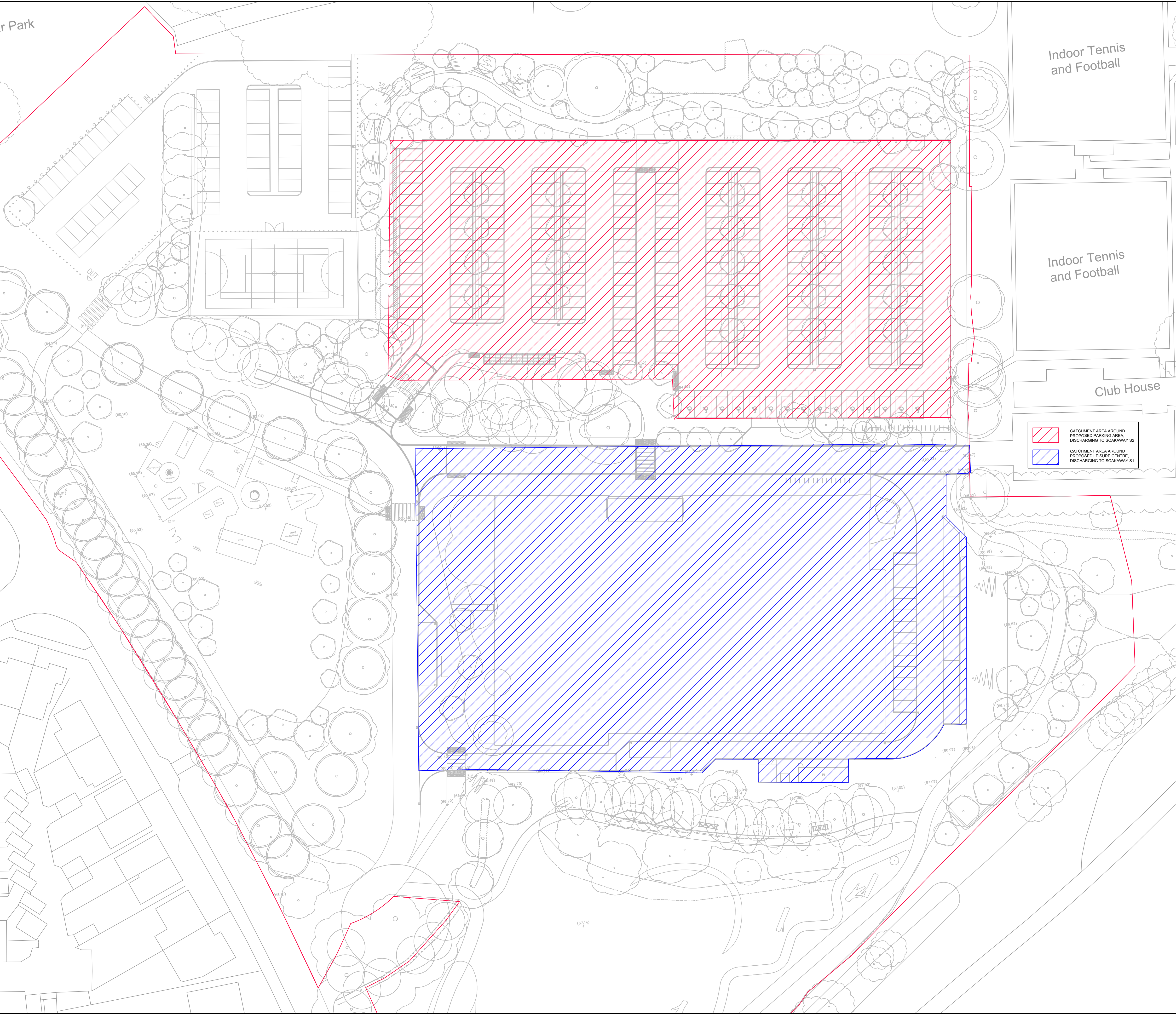
WARNING: Unknown (UNK) materials may include Bonded Asbestos Cement.



**APPENDIX H – Proposed Below Ground Drainage Layout**



**APPENDIX I – Proposed Drainage Strategy Catchment Area Plan**



|                                                                                                                                                                         |            |                                       |                  |                                                                                                  |            |           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------|------------------|--------------------------------------------------------------------------------------------------|------------|-----------|-------|
| P03                                                                                                                                                                     | 2025/12/19 | ISSUED FOR INFORMATION                |                  |                                                                                                  |            | PS        | JH    |
| P02                                                                                                                                                                     | 2025/10/20 | ISSUED FOR PLANNING                   |                  |                                                                                                  |            | PS        | HP    |
| P01                                                                                                                                                                     | 2022/11/25 | ISSUED FOR INFORMATION [PRE-PLANNING] |                  |                                                                                                  |            | PS        | HP    |
| Rev                                                                                                                                                                     | Date       | Comment                               |                  |                                                                                                  |            | By        | Check |
| Status Code                                                                                                                                                             |            | Drawing Status                        |                  |                                                                                                  |            |           |       |
| S2                                                                                                                                                                      |            | PRELIMINARY                           |                  |                                                                                                  |            |           |       |
| This drawing may only be used for construction/manufacture if status is CONSTRUCTION                                                                                    |            |                                       |                  |                                                                                                  |            |           |       |
| <div><div></div><div><div>FURNESS</div><div>Consulting Engineers</div></div></div> |            |                                       |                  |                                                                                                  |            |           |       |
| London                                                                                                                                                                  |            |                                       |                  | Bradford                                                                                         |            |           |       |
| 20 Britton Street, London, EC1M 5TX<br>tel: 020 7490 4353 fax: 020 7490 4354<br>info@furnesspartnership.com                                                             |            |                                       |                  | The Paper Hall, Anne Gate, Bradford, BD1 4EQ<br>tel: 01274 392092<br>mail@furnesspartnership.com |            |           |       |
| Project                                                                                                                                                                 |            |                                       |                  |                                                                                                  |            |           |       |
| GRAVESHAM LEISURE CENTRE, GRAVESEND                                                                                                                                     |            |                                       |                  |                                                                                                  |            |           |       |
| Drawing Title                                                                                                                                                           |            |                                       |                  |                                                                                                  |            |           |       |
| DRAINAGE STRATEGY - CATCHMENT AREA                                                                                                                                      |            |                                       |                  |                                                                                                  |            |           |       |
| FP Job No.                                                                                                                                                              |            | Drawn                                 | Date             | Checked                                                                                          | Scale @ A1 |           |       |
| 7313                                                                                                                                                                    |            | PS                                    | NOV '22          | HP                                                                                               | 1:400      |           |       |
| PROJECT                                                                                                                                                                 | OPERATOR   | ZONE / VOLUME                         | LEVEL / LOCATION | FILE TYPE                                                                                        | ROLE       | SHEET No. | Rev.  |
| GCLC                                                                                                                                                                    | FUR        | ZZ                                    | ZZ               | D                                                                                                | C          | 0921      | P03   |

**APPENDIX J – InfoDrainage Model Soakaway Sizing Estimate**

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP15

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 65.400 |
| Depth (m)                   | 0.460  |
| Base Level (m)              | 64.940 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 34.950 |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 4.900  |
| Total Volume (m³)           | 17.927 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.000       |
| Diameter (mm)         | 225         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.000       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA7            |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

#### Inlet (1)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA11           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | P01.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP1

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 63.890 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.460 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 37.789 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 4.998  |
| Total Volume (m³)           | 17.444 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA15           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP6.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP2

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 63.960 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.530 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 33.082 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.040  |
| Total Volume (m³)           | 15.408 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA16           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP7.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP3

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.025 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.595 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 33.082 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.040  |
| Total Volume (m³)           | 15.408 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA17           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP8.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP4

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.025 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.595 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 33.082 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.040  |
| Total Volume (m³)           | 15.408 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA18           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP9.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP5

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.175 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.745 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 33.082 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.040  |
| Total Volume (m³)           | 15.408 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA19           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP10.000    |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP6

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.175 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.745 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA20           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP11.000    |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP7

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.295 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.865 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA21           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP12.000    |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP8

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.295 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 63.865 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA22           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP13.000    |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP9

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.915 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.485 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA23           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP5.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP10

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.915 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.485 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet (1)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CA24           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP4.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP11

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.535 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.105 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CA25           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP3.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP12

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.535 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.105 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.077 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA26           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP2.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP13

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 65.000 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.570 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 42.807 |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.087  |
| Total Volume (m³)           | 20.128 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA27           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP1.000     |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





PP14

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 65.000 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.570 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 54.230 |
| Long. Slope (1:X)           | 500.00 |
| Width (m)                   | 5.447  |
| Total Volume (m³)           | 27.255 |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Lateral Inflow |
| Incoming Item(s)   | CA28           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |             |
|---------------------|-------------|
| Outgoing Connection | CP16.000    |
| Outlet Type         | Under Drain |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





## Porous Paving

Type : Porous Paving

### Dimensions

|                             |        |
|-----------------------------|--------|
| Exceedance Level (m)        | 64.550 |
| Depth (m)                   | 0.430  |
| Base Level (m)              | 64.120 |
| Paving Layer Depth (mm)     | 130    |
| Membrane Percolation (m/hr) | 3.0    |
| Porosity (%)                | 30     |
| Length (m)                  | 2.528  |
| Long. Slope (1:X)           | 200.00 |
| Width (m)                   | 15.646 |
| Total Volume (m³)           | 3.591  |

### Under Drain

|                       |             |
|-----------------------|-------------|
| Height Above Base (m) | 0.020       |
| Diameter (mm)         | 150         |
| No. of Barrels        | 1           |
| Release Height (m)    | 0.075       |
| Friction Scheme       | Manning's n |
| n                     | 0.015       |

### Inlets

#### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CA31           |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

### Outlets

#### Outlet

|                     |                |
|---------------------|----------------|
| Outgoing Connection | CP15.000       |
| Outlet Type         | Free Discharge |

### Advanced

|                     |      |
|---------------------|------|
| Conductivity (m/hr) | 50.0 |
|---------------------|------|

|                                                 |                                 |             |              |                                                                                     |
|-------------------------------------------------|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                        | Date:<br>20/08/2025             |             |              |  |
|                                                 | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:                                 | Company Address:                |             |              |                                                                                     |
| Type: Stormwater Controls<br>Storm Phase: Phase |                                 |             |              |                                                                                     |



### SOAKAWAY 1

Type : Cellular Storage

#### Dimensions

|                       |         |
|-----------------------|---------|
| Exceedance Level (m)  | 67.000  |
| Depth (m)             | 0.800   |
| Base Level (m)        | 62.960  |
| Number of Crates Long | 30      |
| Number of Crates Wide | 20      |
| Number of Crates High | 2       |
| Porosity (%)          | 95      |
| Crate Length (m)      | 1       |
| Crate Width (m)       | 0.5     |
| Crate Height (m)      | 0.4     |
| Total Volume (m³)     | 231.240 |

#### Inlets

##### Inlet (1)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | P01.005        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

##### Inlet

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | R1.004         |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

#### Advanced

|                               |       |
|-------------------------------|-------|
| Base Infiltration Rate (m/hr) | 0.738 |
| Side Infiltration Rate (m/hr) | 0.738 |
| Safety Factor                 | 2.0   |

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls<br>Storm Phase: Phase | Company Address:                |             |              |





**SOAKAWAY 2**

Type : Cellular Storage

Dimensions

|                       |         |
|-----------------------|---------|
| Exceedance Level (m)  | 63.900  |
| Depth (m)             | 0.800   |
| Base Level (m)        | 62.100  |
| Number of Crates Long | 40      |
| Number of Crates Wide | 24      |
| Number of Crates High | 2       |
| Porosity (%)          | 95      |
| Crate Length (m)      | 1       |
| Crate Width (m)       | 0.5     |
| Crate Height (m)      | 0.4     |
| Total Volume (m³)     | 365.800 |

Inlets

Inlet (3)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CP6.008        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

Inlet (6)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CP14.002       |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

Inlet (5)

|                    |                |
|--------------------|----------------|
| Inlet Type         | Point Inflow   |
| Incoming Item(s)   | CP1.006        |
| Bypass Destination | (None)         |
| Capacity Type      | No Restriction |

Advanced

|                               |        |
|-------------------------------|--------|
| Base Infiltration Rate (m/hr) | 0.0432 |
| Side Infiltration Rate (m/hr) | 0.0432 |
| Safety Factor                 | 2.0    |

|                                                               |                                 |             |              |
|---------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                      | Date:<br>20/08/2025             |             |              |
|                                                               | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase | Company Address:                |             |              |



| Inflow Label       | Connected To  | Flow (L/s) | Runoff Method         | Area (ha) | Percentage Impervious (%) | Urban Creep (%) | Adjusted Percentage Impervious (%) | Area Analysed (ha) |
|--------------------|---------------|------------|-----------------------|-----------|---------------------------|-----------------|------------------------------------|--------------------|
| CA1                | S7            |            | Time of Concentration | 0.062     | 100                       | 0               | 100                                | 0.062              |
| CA2                | S10           |            | Time of Concentration | 0.083     | 100                       | 0               | 100                                | 0.083              |
| CA3 (1)            | S12           |            | Time of Concentration | 0.070     | 100                       | 0               | 100                                | 0.070              |
| CA4                | S9            |            | Time of Concentration | 0.091     | 100                       | 0               | 100                                | 0.091              |
| CA5                | S8            |            | Time of Concentration | 0.089     | 100                       | 0               | 100                                | 0.089              |
| CA6                | S11           |            | Time of Concentration | 0.062     | 100                       | 0               | 100                                | 0.062              |
| CA7                | PP15          |            | Time of Concentration | 0.056     | 100                       | 0               | 100                                | 0.056              |
| CA8                | S1            |            | Time of Concentration | 0.026     | 100                       | 0               | 100                                | 0.026              |
| CA9                | S2            |            | Time of Concentration | 0.094     | 100                       | 0               | 100                                | 0.094              |
| CA11               | PP15          |            | Time of Concentration | 0.023     | 100                       | 0               | 100                                | 0.023              |
| CA12               | S1            |            | Time of Concentration | 0.020     | 100                       | 0               | 100                                | 0.020              |
| CA13               | S3            |            | Time of Concentration | 0.025     | 100                       | 0               | 100                                | 0.025              |
| CA14               | S4            |            | Time of Concentration | 0.032     | 100                       | 0               | 100                                | 0.032              |
| CA15               | PP1           |            | Time of Concentration | 0.032     | 100                       | 0               | 100                                | 0.032              |
| CA16               | PP2           |            | Time of Concentration | 0.030     | 100                       | 0               | 100                                | 0.030              |
| CA17               | PP3           |            | Time of Concentration | 0.029     | 100                       | 0               | 100                                | 0.029              |
| CA18               | PP4           |            | Time of Concentration | 0.035     | 100                       | 0               | 100                                | 0.035              |
| CA19               | PP5           |            | Time of Concentration | 0.033     | 100                       | 0               | 100                                | 0.033              |
| CA20               | PP6           |            | Time of Concentration | 0.050     | 100                       | 0               | 100                                | 0.050              |
| CA21               | PP7           |            | Time of Concentration | 0.054     | 100                       | 0               | 100                                | 0.054              |
| CA22               | PP8           |            | Time of Concentration | 0.037     | 100                       | 0               | 100                                | 0.037              |
| CA23               | PP9           |            | Time of Concentration | 0.041     | 100                       | 0               | 100                                | 0.041              |
| CA24               | PP10          |            | Time of Concentration | 0.039     | 100                       | 0               | 100                                | 0.039              |
| CA25               | PP11          |            | Time of Concentration | 0.037     | 100                       | 0               | 100                                | 0.037              |
| CA26               | PP12          |            | Time of Concentration | 0.042     | 100                       | 0               | 100                                | 0.042              |
| CA27               | PP13          |            | Time of Concentration | 0.055     | 100                       | 0               | 100                                | 0.055              |
| CA28               | PP14          |            | Time of Concentration | 0.066     | 100                       | 0               | 100                                | 0.066              |
| CA29               | S30           |            | Time of Concentration | 0.016     | 100                       | 0               | 100                                | 0.016              |
| CA30               | S31           |            | Time of Concentration | 0.019     | 100                       | 0               | 100                                | 0.019              |
| CA31               | Porous Paving |            | Time of Concentration | 0.004     | 100                       | 0               | 100                                | 0.004              |
| CA32               | S32           |            | Time of Concentration | 0.004     | 100                       | 0               | 100                                | 0.004              |
| Catchment Area     | S6            |            | Time of Concentration | 0.034     | 100                       | 0               | 100                                | 0.034              |
| Catchment Area (1) | S4            |            | Time of Concentration | 0.012     | 100                       | 0               | 100                                | 0.012              |

|                                                               |    |     |                                 |       |     |                                                                                     |     |       |              |  |  |
|---------------------------------------------------------------|----|-----|---------------------------------|-------|-----|-------------------------------------------------------------------------------------|-----|-------|--------------|--|--|
| Project:                                                      |    |     | Date:<br>20/08/2025             |       |     |  |     |       |              |  |  |
|                                                               |    |     | Designed by:<br>PranitaShrestha |       |     |                                                                                     |     |       |              |  |  |
| Report Details:<br>Type: Inflow Summary<br>Storm Phase: Phase |    |     | Checked by:                     |       |     |                                                                                     |     |       | Approved By: |  |  |
|                                                               |    |     | Company Address:                |       |     |                                                                                     |     |       |              |  |  |
| Catchment Area (2)                                            | S5 |     | Time of Concentration           | 0.029 | 100 | 0                                                                                   | 100 | 0.029 |              |  |  |
| Catchment Area (3)                                            | S8 |     | Time of Concentration           | 0.014 | 100 | 0                                                                                   | 100 | 0.014 |              |  |  |
| TOTAL                                                         |    | 0.0 |                                 | 1.446 |     |                                                                                     |     | 1.446 |              |  |  |

|                                                                        |                                 |             |              |
|------------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                               | Date:<br>20/08/2025             |             |              |
|                                                                        | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Network Design Criteria<br>Storm Phase: Phase | Company Address:                |             |              |



### Flow Options

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

### MY FEH

Type: FEH

|                       |                                 |
|-----------------------|---------------------------------|
| Site Location         | GB 567052 171715 TQ 67052 71715 |
| Return Period (years) | 2.0                             |
| Rainfall Version      | 2022                            |

### Pipe Options

|                       |                          |
|-----------------------|--------------------------|
| Lock Slope Options    | None                     |
| Design Options        | Minimise Excavation      |
| Design Level          | Level Soffits            |
| Min. Cover Depth (m)  | 0.100                    |
| Min. Slope (1:X)      | 500.00                   |
| Max. Slope (1:X)      | 40.00                    |
| Min. Velocity (m/s)   | 0.75                     |
| Max. Velocity (m/s)   | 3.0                      |
| Use Flow Restriction  | <input type="checkbox"/> |
| Reduce Channel Depths | <input type="checkbox"/> |

### Pipe Size Library

#### Default

|                     |    |
|---------------------|----|
| Add. Increment (mm) | 75 |
| Max. Diameter (mm)  | 0  |

| Diameter (mm) | Min. Slope (1:X) | Max. Slope (1:X) |
|---------------|------------------|------------------|
| 100           | 0.00             | 0.00             |
| 150           | 0.00             | 0.00             |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth**

| Junction | 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 |
|----------|-----------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| S1       | MY FSR: 1 years:<br>+0 %: 30 mins:<br>Summer  | 65.29<br>0      | 64.63<br>1       | 64.721         | 0.090          | 12.5              | 0.102                     | 0.000                    | 11.8               | 12.792                      | OK     |
| S3       | MY FSR: 1 years:<br>+0 %: 30 mins:<br>Summer  | 65.40<br>0      | 64.06<br>8       | 64.190         | 0.122          | 26.4              | 0.138                     | 0.000                    | 25.1               | 25.471                      | OK     |
| S4       | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 63.68<br>0       | 63.799         | 0.119          | 31.0              | 0.135                     | 0.000                    | 29.7               | 21.893                      | OK     |
| S5       | MY FSR: 1 years:<br>+0 %: 30 mins:<br>Summer  | 65.75<br>0      | 63.55<br>0       | 63.679         | 0.129          | 38.2              | 0.145                     | 0.000                    | 37.6               | 36.843                      | OK     |
| S2       | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 64.31<br>2       | 64.437         | 0.125          | 27.8              | 0.141                     | 0.000                    | 25.7               | 16.718                      | OK     |
| S7       | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.35<br>0      | 64.28<br>7       | 64.365         | 0.078          | 11.5              | 0.050                     | 0.000                    | 10.2               | 4.958                       | OK     |
| S8       | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.46<br>0      | 63.95<br>0       | 64.071         | 0.121          | 29.3              | 0.136                     | 0.000                    | 26.0               | 13.178                      | OK     |
| S9       | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.43<br>0      | 63.60<br>0       | 63.749         | 0.149          | 42.7              | 0.168                     | 0.000                    | 39.7               | 20.392                      | OK     |
| S13      | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.73<br>0      | 63.39<br>8       | 63.592         | 0.194          | 73.9              | 0.219                     | 0.000                    | 70.3               | 37.456                      | OK     |
| S12      | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 63.55<br>0       | 63.679         | 0.129          | 35.0              | 0.146                     | 0.000                    | 34.2               | 17.074                      | OK     |
| S11      | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 63.91<br>8       | 64.032         | 0.114          | 25.8              | 0.129                     | 0.000                    | 22.1               | 11.516                      | OK     |
| S10      | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 64.46<br>7       | 64.543         | 0.076          | 15.3              | 0.022                     | 0.000                    | 14.5               | 6.624                       | OK     |
| S14 (1)  | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.40<br>0      | 63.27<br>0       | 63.466         | 0.196          | 70.3              | 0.222                     | 0.000                    | 67.2               | 37.393                      | OK     |
| S21      | MY FSR: 1 years:<br>+0 %: 120 mins:<br>Summer | 63.92<br>0      | 62.67<br>0       | 62.755         | 0.085          | 12.3              | 0.054                     | 0.000                    | 12.3               | 29.183                      | OK     |
| S20      | MY FSR: 1 years:<br>+0 %: 120 mins:<br>Summer | 64.80<br>0      | 62.70<br>0       | 62.786         | 0.086          | 12.2              | 0.024                     | 0.000                    | 12.3               | 29.194                      | OK     |
| S14      | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.68<br>0      | 62.99<br>0       | 63.029         | 0.039          | 2.4               | 0.011                     | 0.000                    | 2.4                | 6.931                       | OK     |
| S34      | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.91<br>0      | 62.99<br>0       | 63.023         | 0.033          | 1.9               | 0.009                     | 0.000                    | 1.9                | 7.521                       | OK     |
| S27      | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.97<br>0      | 62.97<br>0       | 63.028         | 0.058          | 7.5               | 0.016                     | 0.000                    | 7.5                | 24.952                      | OK     |
| S29      | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.94<br>0      | 63.09<br>5       | 63.119         | 0.024          | 1.6               | 0.007                     | 0.000                    | 1.6                | 4.787                       | OK     |
| S23      | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.45<br>0      | 63.56<br>6       | 63.589         | 0.024          | 1.7               | 0.004                     | 0.000                    | 1.7                | 6.426                       | OK     |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |



|         |                                               |            |            |        |       |      |       |       |      |        |    |
|---------|-----------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|--------|----|
| S15     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.80<br>0 | 62.91<br>5 | 62.996 | 0.081 | 3.5  | 0.023 | 0.000 | 3.5  | 10.128 | OK |
| S16     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.83<br>0 | 62.64<br>2 | 62.947 | 0.305 | 5.0  | 0.086 | 0.000 | 5.0  | 14.118 | OK |
| S17     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 63.85<br>0 | 62.46<br>8 | 62.912 | 0.444 | 6.3  | 0.126 | 0.000 | 6.3  | 17.597 | OK |
| S18     | MY FSR: 1 years:<br>+0 %: 120 mins:<br>Summer | 63.80<br>0 | 62.74<br>0 | 62.863 | 0.123 | 8.5  | 0.035 | 0.000 | 8.6  | 19.790 | OK |
| S19     | MY FSR: 1 years:<br>+0 %: 120 mins:<br>Summer | 64.67<br>9 | 62.73<br>1 | 62.816 | 0.084 | 11.1 | 0.024 | 0.000 | 11.1 | 25.937 | OK |
| S22 (2) | MY FSR: 1 years:<br>+0 %: 120 mins:<br>Summer | 63.80<br>0 | 62.75<br>0 | 62.788 | 0.038 | 1.2  | 0.006 | 0.000 | 1.2  | 3.267  | OK |
| S33     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.78<br>0 | 62.81<br>0 | 62.844 | 0.034 | 1.9  | 0.005 | 0.000 | 1.9  | 7.516  | OK |
| S32     | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 64.70<br>0 | 62.73<br>0 | 62.800 | 0.070 | 7.0  | 0.011 | 0.000 | 6.4  | 3.395  | OK |
| S30     | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 64.33<br>0 | 63.30<br>0 | 63.342 | 0.042 | 3.0  | 0.007 | 0.000 | 3.0  | 1.319  | OK |
| S31     | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 64.48<br>0 | 63.12<br>0 | 63.181 | 0.061 | 6.6  | 0.010 | 0.000 | 6.2  | 3.074  | OK |
| S28 (1) | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.44<br>0 | 62.73<br>0 | 62.794 | 0.064 | 7.5  | 0.018 | 0.000 | 7.5  | 24.942 | OK |
| S26     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.45<br>0 | 63.15<br>8 | 63.204 | 0.045 | 6.0  | 0.007 | 0.000 | 6.0  | 20.169 | OK |
| S25     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.08<br>0 | 63.22<br>2 | 63.278 | 0.056 | 4.6  | 0.009 | 0.000 | 4.6  | 15.672 | OK |
| S24     | MY FSR: 1 years:<br>+0 %: 180 mins:<br>Summer | 64.20<br>0 | 63.34<br>2 | 63.387 | 0.045 | 3.4  | 0.007 | 0.000 | 3.4  | 11.481 | OK |
| S6      | MY FSR: 1 years:<br>+0 %: 15 mins:<br>Summer  | 65.39<br>0 | 64.49<br>0 | 64.543 | 0.053 | 6.6  | 0.008 | 0.000 | 6.2  | 2.859  | OK |

|                                                                  |                              |             |              |
|------------------------------------------------------------------|------------------------------|-------------|--------------|
| Project:                                                         | Date: 20/08/2025             |             |              |
|                                                                  | Designed by: PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:             |             |              |





**MY FSR: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth**

| Junction | 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 |
|----------|-----------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|--------|
| S1       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.290          | 64.631           | 64.803         | 0.172          | 36.1              | 0.195                     | 0.000                    | 31.4               | 23.921                      | OK     |
| S3       | MY FSR: 30 years: +0 %: 30 mins: Summer | 65.400          | 64.068           | 64.295         | 0.227          | 67.6              | 0.257                     | 0.000                    | 65.5               | 63.386                      | OK     |
| S4       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 63.680           | 63.898         | 0.218          | 82.5              | 0.247                     | 0.000                    | 79.8               | 56.284                      | OK     |
| S5       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.750          | 63.550           | 63.785         | 0.235          | 109.2             | 0.266                     | 0.000                    | 99.9               | 68.792                      | OK     |
| S2       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 64.312           | 64.549         | 0.237          | 76.4              | 0.268                     | 0.000                    | 67.7               | 43.010                      | OK     |
| S7       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.350          | 64.287           | 64.424         | 0.137          | 28.2              | 0.087                     | 0.000                    | 27.2               | 12.091                      | OK     |
| S8       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.460          | 63.950           | 64.169         | 0.219          | 74.0              | 0.248                     | 0.000                    | 65.5               | 32.225                      | OK     |
| S9       | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.430          | 63.600           | 63.874         | 0.274          | 106.6             | 0.310                     | 0.000                    | 100.0              | 49.837                      | OK     |
| S13      | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.730          | 63.398           | 63.756         | 0.358          | 185.1             | 0.405                     | 0.000                    | 174.5              | 91.960                      | OK     |
| S12      | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 63.550           | 63.805         | 0.255          | 87.4              | 0.288                     | 0.000                    | 85.1               | 41.910                      | OK     |
| S11      | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 63.918           | 64.119         | 0.201          | 64.7              | 0.227                     | 0.000                    | 55.6               | 28.027                      | OK     |
| S10      | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 64.467           | 64.599         | 0.132          | 37.6              | 0.037                     | 0.000                    | 36.7               | 16.181                      | OK     |
| S14 (1)  | MY FSR: 30 years: +0 %: 15 mins: Summer | 65.400          | 63.270           | 63.614         | 0.344          | 174.5             | 0.389                     | 0.000                    | 169.7              | 91.573                      | OK     |
| S21      | MY FSR: 30 years: +0 %: 60 mins: Summer | 63.920          | 62.670           | 62.859         | 0.189          | 50.0              | 0.120                     | 0.000                    | 50.0               | 75.541                      | OK     |
| S20      | MY FSR: 30 years: +0 %: 60 mins: Summer | 64.800          | 62.700           | 62.903         | 0.203          | 50.0              | 0.057                     | 0.000                    | 50.0               | 75.580                      | OK     |
| S14      | MY FSR: 30 years: +0 %: 60 mins: Summer | 63.680          | 62.990           | 63.087         | 0.097          | 10.4              | 0.028                     | 0.000                    | 10.4               | 15.257                      | OK     |
| S34      | MY FSR: 30 years: +0 %: 60 mins: Summer | 64.910          | 62.990           | 63.055         | 0.065          | 6.6               | 0.019                     | 0.000                    | 6.6                | 15.590                      | OK     |
| S27      | MY FSR: 30 years: +0 %: 60 mins: Summer | 63.970          | 62.970           | 63.102         | 0.132          | 30.7              | 0.037                     | 0.000                    | 30.7               | 52.986                      | OK     |
| S29      | MY FSR: 30 years: +0 %: 60 mins: Summer | 63.940          | 63.095           | 63.145         | 0.050          | 6.5               | 0.014                     | 0.000                    | 6.5                | 10.170                      | OK     |
| S23      | MY FSR: 30 years: +0 %: 60 mins: Summer | 64.450          | 63.566           | 63.612         | 0.046          | 6.6               | 0.007                     | 0.000                    | 6.6                | 13.475                      | OK     |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |



|         |                                               |            |            |        |       |      |       |       |      |        |            |
|---------|-----------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|--------|------------|
| S15     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.91<br>5 | 63.072 | 0.157 | 15.4 | 0.045 | 0.000 | 15.4 | 22.365 | OK         |
| S16     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 63.83<br>0 | 62.64<br>2 | 63.055 | 0.413 | 21.5 | 0.117 | 0.000 | 21.5 | 31.088 | OK         |
| S17     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 63.85<br>0 | 62.46<br>8 | 63.035 | 0.567 | 27.2 | 0.161 | 0.000 | 27.2 | 39.015 | OK         |
| S18     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.74<br>0 | 62.999 | 0.259 | 35.4 | 0.073 | 0.000 | 35.5 | 52.255 | OK         |
| S19     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.67<br>9 | 62.73<br>1 | 62.936 | 0.205 | 44.2 | 0.058 | 0.000 | 44.2 | 66.750 | OK         |
| S22 (2) | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.75<br>0 | 62.904 | 0.154 | 5.8  | 0.025 | 0.000 | 5.8  | 8.851  | OK         |
| S33     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.78<br>0 | 62.81<br>0 | 62.877 | 0.067 | 6.6  | 0.011 | 0.000 | 6.5  | 15.583 | OK         |
| S32     | MY FSR: 30 years:<br>+0 %: 15 mins:<br>Summer | 64.70<br>0 | 62.73<br>0 | 62.859 | 0.129 | 17.8 | 0.020 | 0.000 | 15.7 | 12.641 | OK         |
| S30     | MY FSR: 30 years:<br>+0 %: 15 mins:<br>Summer | 64.33<br>0 | 63.30<br>0 | 63.367 | 0.067 | 7.5  | 0.011 | 0.000 | 7.3  | 3.235  | OK         |
| S31     | MY FSR: 30 years:<br>+0 %: 15 mins:<br>Summer | 64.48<br>0 | 63.12<br>0 | 63.234 | 0.114 | 17.1 | 0.018 | 0.000 | 15.8 | 7.784  | OK         |
| S28 (1) | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.44<br>0 | 62.73<br>0 | 62.876 | 0.146 | 30.7 | 0.041 | 0.000 | 30.8 | 52.946 | OK         |
| S26     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.45<br>0 | 63.15<br>8 | 63.279 | 0.121 | 25.0 | 0.019 | 0.000 | 25.0 | 42.842 | OK         |
| S25     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.08<br>0 | 63.22<br>2 | 63.398 | 0.176 | 18.4 | 0.028 | 0.000 | 18.6 | 33.206 | Surcharged |
| S24     | MY FSR: 30 years:<br>+0 %: 60 mins:<br>Summer | 64.20<br>0 | 63.34<br>2 | 63.448 | 0.106 | 13.4 | 0.017 | 0.000 | 13.3 | 24.113 | OK         |
| S6      | MY FSR: 30 years:<br>+0 %: 15 mins:<br>Summer | 65.39<br>0 | 64.49<br>0 | 64.583 | 0.093 | 16.1 | 0.015 | 0.000 | 15.7 | 6.956  | OK         |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Depth**

| Junction | 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     |
|----------|------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S1       | MY FSR: 100 years: +0 %: 30 mins: Summer | 65.290          | 64.631           | 64.960         | 0.329          | 43.5              | 0.373                     | 0.000                    | 40.4               | 42.855                      | Surcharged |
| S3       | MY FSR: 100 years: +0 %: 30 mins: Summer | 65.400          | 64.068           | 64.382         | 0.314          | 86.4              | 0.356                     | 0.000                    | 82.9               | 83.706                      | Surcharged |
| S4       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.400          | 63.680           | 63.944         | 0.264          | 106.6             | 0.299                     | 0.000                    | 103.6              | 73.841                      | OK         |
| S5       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.750          | 63.550           | 63.836         | 0.286          | 141.9             | 0.323                     | 0.000                    | 130.7              | 89.679                      | OK         |
| S2       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.400          | 64.312           | 64.676         | 0.364          | 93.9              | 0.411                     | 0.000                    | 83.9               | 56.339                      | Surcharged |
| S7       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.350          | 64.287           | 64.447         | 0.160          | 36.6              | 0.102                     | 0.000                    | 35.1               | 15.744                      | OK         |
| S8       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.460          | 63.950           | 64.249         | 0.299          | 96.0              | 0.339                     | 0.000                    | 83.3               | 41.760                      | OK         |
| S9       | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.430          | 63.600           | 63.991         | 0.391          | 136.8             | 0.442                     | 0.000                    | 126.4              | 64.845                      | Surcharged |
| S13      | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.730          | 63.398           | 63.849         | 0.451          | 227.9             | 0.510                     | 0.000                    | 219.9              | 119.431                     | Surcharged |
| S12      | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.400          | 63.550           | 63.891         | 0.341          | 119.2             | 0.386                     | 0.000                    | 101.5              | 54.640                      | OK         |
| S11      | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.400          | 63.918           | 64.182         | 0.264          | 84.1              | 0.298                     | 0.000                    | 77.8               | 36.294                      | OK         |
| S10      | MY FSR: 100 years: +0 %: 15 mins: Summer | 65.400          | 64.467           | 64.625         | 0.158          | 48.9              | 0.045                     | 0.000                    | 47.7               | 21.059                      | OK         |
| S14 (1)  | MY FSR: 100 years: +0 %: 60 mins: Winter | 65.400          | 63.270           | 63.699         | 0.429          | 122.7             | 0.485                     | 0.000                    | 122.7              | 190.188                     | OK         |
| S21      | MY FSR: 100 years: +0 %: 60 mins: Summer | 63.920          | 62.670           | 62.901         | 0.231          | 65.9              | 0.147                     | 0.000                    | 66.0               | 106.213                     | OK         |
| S20      | MY FSR: 100 years: +0 %: 60 mins: Summer | 64.800          | 62.700           | 62.951         | 0.251          | 65.9              | 0.071                     | 0.000                    | 65.9               | 106.253                     | OK         |
| S14      | MY FSR: 100 years: +0 %: 60 mins: Summer | 63.680          | 62.990           | 63.235         | 0.245          | 14.0              | 0.069                     | 0.000                    | 14.2               | 21.629                      | Surcharged |
| S34      | MY FSR: 100 years: +0 %: 60 mins: Summer | 64.910          | 62.990           | 63.068         | 0.078          | 9.1               | 0.022                     | 0.000                    | 8.9                | 22.052                      | OK         |
| S27      | MY FSR: 100 years: +0 %: 60 mins: Summer | 63.970          | 62.970           | 63.131         | 0.161          | 39.8              | 0.045                     | 0.000                    | 39.8               | 74.721                      | OK         |
| S29      | MY FSR: 100 years: +0 %: 60 mins: Summer | 63.940          | 63.095           | 63.153         | 0.058          | 8.6               | 0.016                     | 0.000                    | 8.7                | 14.308                      | OK         |
| S23      | MY FSR: 100 years: +0 %: 60 mins: Summer | 64.450          | 63.566           | 63.683         | 0.117          | 9.1               | 0.019                     | 0.000                    | 8.7                | 18.992                      | OK         |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |



|         |                                                |            |            |        |       |      |       |       |      |        |            |
|---------|------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|--------|------------|
| S15     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.91<br>5 | 63.226 | 0.311 | 20.9 | 0.088 | 0.000 | 21.0 | 31.754 | Surcharged |
| S16     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 63.83<br>0 | 62.64<br>2 | 63.202 | 0.560 | 28.9 | 0.159 | 0.000 | 29.1 | 44.062 | Surcharged |
| S17     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 63.85<br>0 | 62.46<br>8 | 63.168 | 0.700 | 36.5 | 0.198 | 0.000 | 36.7 | 55.361 | Surcharged |
| S18     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.74<br>0 | 63.096 | 0.356 | 47.0 | 0.101 | 0.000 | 47.1 | 73.720 | Surcharged |
| S19     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 64.67<br>9 | 62.73<br>1 | 62.989 | 0.257 | 58.0 | 0.073 | 0.000 | 58.0 | 93.711 | OK         |
| S22 (2) | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 63.80<br>0 | 62.75<br>0 | 62.954 | 0.204 | 7.9  | 0.032 | 0.000 | 7.9  | 12.563 | OK         |
| S33     | MY FSR: 100 years:<br>+0 %: 30 mins:<br>Summer | 64.78<br>0 | 62.81<br>0 | 62.948 | 0.138 | 8.6  | 0.022 | 0.000 | 9.0  | 14.165 | OK         |
| S32     | MY FSR: 100 years:<br>+0 %: 30 mins:<br>Summer | 64.70<br>0 | 62.73<br>0 | 62.936 | 0.206 | 23.0 | 0.033 | 0.000 | 22.7 | 28.698 | Surcharged |
| S30     | MY FSR: 100 years:<br>+0 %: 15 mins:<br>Summer | 64.33<br>0 | 63.30<br>0 | 63.379 | 0.079 | 9.7  | 0.013 | 0.000 | 9.2  | 4.207  | OK         |
| S31     | MY FSR: 100 years:<br>+0 %: 15 mins:<br>Summer | 64.48<br>0 | 63.12<br>0 | 63.346 | 0.226 | 22.4 | 0.036 | 0.000 | 18.6 | 10.145 | Surcharged |
| S28 (1) | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 64.44<br>0 | 62.73<br>0 | 62.904 | 0.174 | 39.8 | 0.049 | 0.000 | 39.9 | 74.679 | OK         |
| S26     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 64.45<br>0 | 63.15<br>8 | 63.379 | 0.221 | 32.2 | 0.035 | 0.000 | 32.2 | 60.441 | Surcharged |
| S25     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 64.08<br>0 | 63.22<br>2 | 63.553 | 0.331 | 24.1 | 0.053 | 0.000 | 24.2 | 46.827 | Surcharged |
| S24     | MY FSR: 100 years:<br>+0 %: 60 mins:<br>Summer | 64.20<br>0 | 63.34<br>2 | 63.665 | 0.323 | 17.6 | 0.051 | 0.000 | 17.2 | 33.924 | Surcharged |
| S6      | MY FSR: 100 years:<br>+0 %: 15 mins:<br>Summer | 65.39<br>0 | 64.49<br>0 | 64.604 | 0.114 | 21.0 | 0.018 | 0.000 | 20.4 | 9.045  | OK         |

|                                                                  |                                 |             |              |
|------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |             |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By: Max. Depth**

| Junction | 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     |
|----------|--------------------------------------------|-----------------|------------------|----------------|----------------|-------------------|---------------------------|--------------------------|--------------------|-----------------------------|------------|
| S1       | MY FSR: 100 years: +20 %: 15 mins: Summer  | 65.290          | 64.631           | 65.172         | 0.541          | 45.1              | 0.612                     | 0.000                    | 47.4               | 38.791                      | Surcharged |
| S3       | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 64.068           | 64.854         | 0.786          | 76.0              | 0.888                     | 0.000                    | 74.6               | 122.441                     | Surcharged |
| S4       | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 63.680           | 64.838         | 1.158          | 88.9              | 1.310                     | 0.000                    | 88.7               | 146.413                     | Surcharged |
| S5       | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.750          | 63.550           | 64.836         | 1.286          | 109.4             | 1.454                     | 0.000                    | 108.9              | 177.911                     | Surcharged |
| S2       | MY FSR: 100 years: +20 %: 15 mins: Summer  | 65.400          | 64.312           | 64.964         | 0.652          | 105.0             | 0.737                     | 0.000                    | 96.6               | 68.226                      | Surcharged |
| S7       | MY FSR: 100 years: +20 %: 15 mins: Summer  | 65.350          | 64.287           | 64.853         | 0.566          | 44.0              | 0.360                     | 0.000                    | 32.3               | 18.924                      | Surcharged |
| S8       | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.460          | 63.950           | 64.841         | 0.891          | 51.7              | 1.007                     | 0.000                    | 51.7               | 80.067                      | Surcharged |
| S9       | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.430          | 63.600           | 64.837         | 1.237          | 80.1              | 1.399                     | 0.000                    | 80.1               | 124.995                     | Surcharged |
| S13      | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.730          | 63.398           | 64.835         | 1.437          | 147.2             | 1.625                     | 0.000                    | 147.2              | 232.340                     | Surcharged |
| S12      | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 63.550           | 64.835         | 1.285          | 67.1              | 1.454                     | 0.000                    | 67.1               | 106.170                     | Surcharged |
| S11      | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 63.918           | 64.838         | 0.920          | 45.2              | 1.041                     | 0.000                    | 45.2               | 70.040                      | Surcharged |
| S10      | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 64.467           | 64.842         | 0.375          | 25.9              | 0.106                     | 0.000                    | 25.9               | 40.093                      | Surcharged |
| S14 (1)  | MY FSR: 100 years: +20 %: 60 mins: Winter  | 65.400          | 63.270           | 64.832         | 1.562          | 147.2             | 1.767                     | 0.000                    | 147.2              | 229.529                     | Surcharged |
| S21      | MY FSR: 100 years: +20 %: 720 mins: Winter | 63.920          | 62.670           | 63.386         | 0.716          | 15.0              | 0.455                     | 0.000                    | 15.0               | 238.630                     | Surcharged |
| S20      | MY FSR: 100 years: +20 %: 720 mins: Winter | 64.800          | 62.700           | 63.386         | 0.686          | 15.0              | 0.194                     | 0.000                    | 15.0               | 239.032                     | Surcharged |
| S14      | MY FSR: 100 years: +20 %: 30 mins: Summer  | 63.680          | 62.990           | 63.393         | 0.403          | 16.5              | 0.114                     | 0.000                    | 16.8               | 20.218                      | Surcharged |
| S34      | MY FSR: 100 years: +20 %: 720 mins: Winter | 64.910          | 62.990           | 63.386         | 0.396          | 3.2               | 0.112                     | 0.000                    | 3.2                | 51.910                      | Surcharged |
| S27      | MY FSR: 100 years: +20 %: 720 mins: Winter | 63.970          | 62.970           | 63.386         | 0.416          | 10.6              | 0.118                     | 0.000                    | 10.6               | 169.626                     | Surcharged |
| S29      | MY FSR: 100 years: +20 %: 720 mins: Winter | 63.940          | 63.095           | 63.386         | 0.291          | 2.0               | 0.082                     | 0.000                    | 2.0                | 32.237                      | Surcharged |
| S23      | MY FSR: 100 years: +20 %: 60 mins: Summer  | 64.450          | 63.566           | 63.880         | 0.314          | 11.0              | 0.050                     | 0.000                    | 10.5               | 23.532                      | Surcharged |

|                                                                  |                                 |                  |              |
|------------------------------------------------------------------|---------------------------------|------------------|--------------|
| Project:                                                         | Date:<br>20/08/2025             |                  |              |
|                                                                  | Designed by:<br>PranitaShrestha | Checked by:      | Approved By: |
| Report Details:<br>Type: Junctions Summary<br>Storm Phase: Phase |                                 | Company Address: |              |



|         |                                                  |            |            |        |       |      |       |       |      |         |            |
|---------|--------------------------------------------------|------------|------------|--------|-------|------|-------|-------|------|---------|------------|
| S15     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 63.80<br>0 | 62.91<br>5 | 63.386 | 0.471 | 4.6  | 0.133 | 0.000 | 4.6  | 72.361  | Surcharged |
| S16     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 63.83<br>0 | 62.64<br>2 | 63.386 | 0.744 | 6.3  | 0.211 | 0.000 | 6.3  | 100.166 | Surcharged |
| S17     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 63.85<br>0 | 62.46<br>8 | 63.386 | 0.918 | 8.0  | 0.260 | 0.000 | 8.0  | 125.995 | Surcharged |
| S18     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 63.80<br>0 | 62.74<br>0 | 63.386 | 0.646 | 10.5 | 0.183 | 0.000 | 10.5 | 166.505 | Surcharged |
| S19     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 64.67<br>9 | 62.73<br>1 | 63.386 | 0.655 | 13.2 | 0.185 | 0.000 | 13.2 | 210.299 | Surcharged |
| S22 (2) | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 63.80<br>0 | 62.75<br>0 | 63.386 | 0.636 | 1.8  | 0.101 | 0.000 | 1.8  | 28.759  | Surcharged |
| S33     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 64.78<br>0 | 62.81<br>0 | 63.386 | 0.576 | 3.2  | 0.092 | 0.000 | 3.2  | 51.912  | Surcharged |
| S32     | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 64.70<br>0 | 62.73<br>0 | 63.386 | 0.656 | 5.3  | 0.104 | 0.000 | 5.3  | 88.435  | Surcharged |
| S30     | MY FSR: 100 years:<br>+20 %: 15 mins:<br>Summer  | 64.33<br>0 | 63.30<br>0 | 63.522 | 0.222 | 11.7 | 0.035 | 0.000 | 8.1  | 5.045   | Surcharged |
| S31     | MY FSR: 100 years:<br>+20 %: 15 mins:<br>Summer  | 64.48<br>0 | 63.12<br>0 | 63.480 | 0.360 | 24.2 | 0.057 | 0.000 | 20.5 | 12.197  | Surcharged |
| S28 (1) | MY FSR: 100 years:<br>+20 %: 720 mins:<br>Winter | 64.44<br>0 | 62.73<br>0 | 63.386 | 0.656 | 10.6 | 0.186 | 0.000 | 10.6 | 169.443 | Surcharged |
| S26     | MY FSR: 100 years:<br>+20 %: 60 mins:<br>Summer  | 64.45<br>0 | 63.15<br>8 | 63.480 | 0.322 | 36.6 | 0.051 | 0.000 | 36.6 | 74.727  | Surcharged |
| S25     | MY FSR: 100 years:<br>+20 %: 60 mins:<br>Summer  | 64.08<br>0 | 63.22<br>2 | 63.703 | 0.481 | 28.0 | 0.076 | 0.000 | 27.7 | 57.930  | Surcharged |
| S24     | MY FSR: 100 years:<br>+20 %: 60 mins:<br>Summer  | 64.20<br>0 | 63.34<br>2 | 63.851 | 0.509 | 20.8 | 0.081 | 0.000 | 20.3 | 41.970  | Surcharged |
| S6      | MY FSR: 100 years:<br>+20 %: 60 mins:<br>Winter  | 65.39<br>0 | 64.49<br>0 | 64.841 | 0.351 | 11.1 | 0.056 | 0.000 | 11.1 | 17.248  | Surcharged |

|                                                         |                              |             |              |                                                                                     |
|---------------------------------------------------------|------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                                | Date: 20/08/2025             |             |              |  |
|                                                         | Designed by: PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:                                         | Company Address:             |             |              |                                                                                     |
| Type: Stormwater Controls Summary<br>Storm Phase: Phase |                              |             |              |                                                                                     |



**MY FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth**

| Stormwater Control | Storm Event                             | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Residual Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|-----------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| SOAKAWAY 1         | MY FSR: 1 years: +0 %: 30 mins: Summer  | 63.083            | 63.083            | 0.123             | 0.123             | 93.6              | 34.971                    | 0.000                    | 85.361                 | 0.0                | 0.000                       | 84.877                   | OK     |
| SOAKAWAY 2         | MY FSR: 1 years: +0 %: 720 mins: Summer | 62.226            | 62.226            | 0.126             | 0.126             | 13.4              | 57.419                    | 0.000                    | 125.120                | 0.0                | 0.000                       | 84.303                   | OK     |
| PP15               | MY FSR: 1 years: +0 %: 30 mins: Summer  | 65.068            | 65.026            | 0.058             | 0.086             | 9.8               | 3.927                     | 0.000                    | 0.000                  | 6.7                | 7.807                       | 78.093                   | OK     |
| PP1                | MY FSR: 1 years: +0 %: 120 mins: Summer | 63.690            | 63.585            | 0.041             | 0.125             | 2.5               | 3.854                     | 0.000                    | 0.000                  | 1.2                | 2.914                       | 77.906                   | OK     |
| PP2                | MY FSR: 1 years: +0 %: 120 mins: Summer | 63.736            | 63.655            | 0.041             | 0.125             | 2.4               | 3.480                     | 0.000                    | 0.000                  | 1.2                | 2.791                       | 77.412                   | OK     |
| PP3                | MY FSR: 1 years: +0 %: 120 mins: Summer | 63.801            | 63.719            | 0.041             | 0.124             | 2.3               | 3.437                     | 0.000                    | 0.000                  | 1.1                | 2.665                       | 77.694                   | OK     |
| PP4                | MY FSR: 1 years: +0 %: 120 mins: Summer | 63.804            | 63.728            | 0.043             | 0.133             | 2.8               | 3.722                     | 0.000                    | 0.000                  | 1.6                | 3.611                       | 75.845                   | OK     |
| PP5                | MY FSR: 1 years: +0 %: 120 mins: Summer | 63.953            | 63.875            | 0.042             | 0.130             | 2.6               | 3.627                     | 0.000                    | 0.000                  | 1.5                | 3.270                       | 76.458                   | OK     |
| PP6                | MY FSR: 1 years: +0 %: 120 mins: Summer | 64.006            | 63.889            | 0.047             | 0.144             | 3.9               | 5.214                     | 0.000                    | 0.000                  | 2.4                | 5.558                       | 74.027                   | OK     |
| PP7                | MY FSR: 1 years: +0 %: 120 mins: Summer | 64.128            | 64.013            | 0.049             | 0.148             | 4.2               | 5.435                     | 0.000                    | 0.000                  | 2.7                | 6.180                       | 72.926                   | OK     |
| PP8                | MY FSR: 1 years: +0 %: 180 mins: Summer | 64.120            | 63.992            | 0.041             | 0.127             | 2.3               | 4.414                     | 0.000                    | 0.000                  | 1.3                | 4.060                       | 78.016                   | OK     |
| PP9                | MY FSR: 1 years: +0 %: 120 mins: Summer | 64.743            | 64.617            | 0.044             | 0.132             | 3.2               | 4.696                     | 0.000                    | 0.000                  | 1.6                | 3.972                       | 76.608                   | OK     |
| PP10               | MY FSR: 1 years: +0 %: 180 mins: Summer | 64.771            | 64.615            | 0.072             | 0.130             | 2.4               | 5.096                     | 0.000                    | 0.000                  | 1.5                | 4.527                       | 74.618                   | OK     |
| PP11               | MY FSR: 1 years: +0 %: 180 mins: Summer | 64.390            | 64.233            | 0.071             | 0.128             | 2.3               | 4.979                     | 0.000                    | 0.000                  | 1.3                | 4.221                       | 75.199                   | OK     |

|                                                                            |                                 |             |              |                                                                                     |
|----------------------------------------------------------------------------|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                                                   | Date:<br>20/08/2025             |             |              |  |
|                                                                            | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase | Company Address:                |             |              |                                                                                     |

|                  |                                                  |        |        |       |       |     |       |       |       |     |       |        |    |
|------------------|--------------------------------------------------|--------|--------|-------|-------|-----|-------|-------|-------|-----|-------|--------|----|
| PP12             | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | 64.363 | 64.238 | 0.044 | 0.133 | 3.3 | 4.788 | 0.000 | 0.000 | 1.7 | 4.223 | 76.152 | OK |
| PP13             | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | 64.711 | 64.705 | 0.056 | 0.135 | 3.4 | 6.225 | 0.000 | 0.000 | 1.7 | 6.454 | 69.072 | OK |
| PP14             | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | 64.732 | 64.706 | 0.054 | 0.136 | 4.1 | 8.068 | 0.000 | 0.000 | 1.9 | 7.550 | 70.400 | OK |
| Porous<br>Paving | MY FSR: 1<br>years: +0 %:<br>60 mins:<br>Summer  | 64.172 | 64.126 | 0.040 | 0.006 | 0.4 | 0.275 | 0.000 | 0.000 | 0.3 | 0.420 | 92.355 | OK |

|                                   |                              |             |              |
|-----------------------------------|------------------------------|-------------|--------------|
| Project:                          | Date: 20/08/2025             |             |              |
|                                   | Designed by: PranitaShrestha | Checked by: | Approved By: |
| Report Details:                   | Company Address:             |             |              |
| Type: Stormwater Controls Summary |                              |             |              |
| Storm Phase: Phase                |                              |             |              |





**MY FSR: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth**

| Stormwater Control | Storm Event                              | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Residual Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| SOAKAWAY 1         | MY FSR: 30 years: +0 %: 60 mins: Winter  | 63.467            | 63.467            | 0.507             | 0.507             | 162.3             | 144.450                   | 0.000                    | 222.573                | 0.0                | 0.000                       | 37.532                   | OK     |
| SOAKAWAY 2         | MY FSR: 30 years: +0 %: 480 mins: Summer | 62.559            | 62.559            | 0.459             | 0.459             | 39.4              | 209.591                   | 0.000                    | 151.540                | 0.0                | 0.000                       | 42.703                   | OK     |
| PP15               | MY FSR: 30 years: +0 %: 30 mins: Summer  | 65.137            | 65.104            | 0.127             | 0.164             | 23.9              | 7.734                     | 0.000                    | 0.000                  | 18.8               | 19.925                      | 56.858                   | OK     |
| PP1                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 63.711            | 63.638            | 0.062             | 0.178             | 8.4               | 6.217                     | 0.000                    | 0.000                  | 5.3                | 7.893                       | 64.357                   | OK     |
| PP2                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 63.756            | 63.706            | 0.061             | 0.176             | 7.8               | 5.537                     | 0.000                    | 0.000                  | 5.1                | 7.445                       | 64.066                   | OK     |
| PP3                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 63.820            | 63.770            | 0.060             | 0.175             | 7.6               | 5.461                     | 0.000                    | 0.000                  | 5.0                | 7.200                       | 64.560                   | OK     |
| PP4                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 63.825            | 63.780            | 0.064             | 0.185             | 9.1               | 6.058                     | 0.000                    | 0.000                  | 6.0                | 9.073                       | 60.686                   | OK     |
| PP5                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 63.973            | 63.927            | 0.063             | 0.182             | 8.6               | 5.830                     | 0.000                    | 0.000                  | 5.7                | 8.385                       | 62.164                   | OK     |
| PP6                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.032            | 63.951            | 0.073             | 0.206             | 13.1              | 8.922                     | 0.000                    | 0.000                  | 8.2                | 13.339                      | 55.561                   | OK     |
| PP7                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.154            | 64.076            | 0.075             | 0.211             | 14.0              | 9.382                     | 0.000                    | 0.000                  | 8.7                | 14.542                      | 53.271                   | OK     |
| PP8                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.143            | 64.048            | 0.064             | 0.183             | 9.5               | 7.260                     | 0.000                    | 0.000                  | 5.8                | 8.873                       | 63.839                   | OK     |
| PP9                | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.766            | 64.675            | 0.067             | 0.190             | 10.5              | 7.758                     | 0.000                    | 0.000                  | 6.5                | 10.206                      | 61.357                   | OK     |
| PP10               | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.845            | 64.674            | 0.146             | 0.189             | 10.1              | 9.232                     | 0.000                    | 0.000                  | 6.4                | 9.679                       | 54.014                   | OK     |
| PP11               | MY FSR: 30 years: +0 %: 60 mins: Summer  | 64.461            | 64.291            | 0.142             | 0.186             | 9.7               | 8.946                     | 0.000                    | 0.000                  | 6.1                | 9.141                       | 55.440                   | OK     |

|                                                                            |                                 |                  |              |
|----------------------------------------------------------------------------|---------------------------------|------------------|--------------|
| Project:                                                                   | Date:<br>20/08/2025             |                  |              |
|                                                                            | Designed by:<br>PranitaShrestha | Checked by:      | Approved By: |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase |                                 | Company Address: |              |



|                  |                                                  |        |        |       |       |      |        |       |       |     |        |        |    |
|------------------|--------------------------------------------------|--------|--------|-------|-------|------|--------|-------|-------|-----|--------|--------|----|
| PP12             | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | 64.387 | 64.298 | 0.068 | 0.193 | 10.9 | 7.938  | 0.000 | 0.000 | 6.8 | 10.684 | 60.461 | OK |
| PP13             | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | 64.790 | 64.761 | 0.134 | 0.191 | 14.2 | 10.982 | 0.000 | 0.000 | 6.6 | 13.521 | 45.440 | OK |
| PP14             | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | 64.797 | 64.761 | 0.118 | 0.191 | 17.0 | 14.224 | 0.000 | 0.000 | 6.6 | 15.644 | 47.811 | OK |
| Porous<br>Paving | MY FSR: 30<br>years: +0 %:<br>30 mins:<br>Summer | 64.187 | 64.132 | 0.055 | 0.012 | 1.2  | 0.393  | 0.000 | 0.000 | 1.2 | 0.919  | 89.053 | OK |

|                                                         |                              |             |              |
|---------------------------------------------------------|------------------------------|-------------|--------------|
| Project:                                                | Date: 20/08/2025             |             |              |
|                                                         | Designed by: PranitaShrestha | Checked by: | Approved By: |
| Report Details:                                         | Company Address:             |             |              |
| Type: Stormwater Controls Summary<br>Storm Phase: Phase |                              |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Avg. Depth**

| Stormwater Control | Storm Event                               | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Residual Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|-------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| SOAKAWAY 1         | MY FSR: 100 years: +0 %: 60 mins: Winter  | 63.698            | 63.698            | 0.738             | 0.738             | 213.7             | 210.393                   | 0.000                    | 235.535                | 0.0                | 0.000                       | 9.015                    | OK     |
| SOAKAWAY 2         | MY FSR: 100 years: +0 %: 600 mins: Winter | 62.754            | 62.754            | 0.654             | 0.654             | 29.7              | 298.373                   | 0.000                    | 201.192                | 0.0                | 0.000                       | 18.433                   | OK     |
| PP15               | MY FSR: 100 years: +0 %: 15 mins: Summer  | 65.192            | 65.144            | 0.182             | 0.204             | 48.6              | 10.339                    | 0.000                    | 0.000                  | 26.3               | 18.854                      | 42.327                   | OK     |
| PP1                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 63.718            | 63.657            | 0.069             | 0.197             | 11.0              | 7.329                     | 0.000                    | 0.000                  | 7.2                | 11.196                      | 57.987                   | OK     |
| PP2                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 63.763            | 63.723            | 0.067             | 0.193             | 10.3              | 6.521                     | 0.000                    | 0.000                  | 6.8                | 10.516                      | 57.677                   | OK     |
| PP3                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 63.827            | 63.787            | 0.067             | 0.192             | 10.0              | 6.425                     | 0.000                    | 0.000                  | 6.7                | 10.217                      | 58.303                   | OK     |
| PP4                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 63.837            | 63.798            | 0.077             | 0.203             | 12.0              | 7.231                     | 0.000                    | 0.000                  | 7.9                | 12.659                      | 53.068                   | OK     |
| PP5                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 63.981            | 63.944            | 0.071             | 0.199             | 11.3              | 6.930                     | 0.000                    | 0.000                  | 7.5                | 11.755                      | 55.021                   | OK     |
| PP6                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 64.046            | 63.969            | 0.087             | 0.224             | 17.2              | 10.932                    | 0.000                    | 0.000                  | 10.3               | 18.461                      | 45.548                   | OK     |
| PP7                | MY FSR: 100 years: +0 %: 30 mins: Summer  | 64.178            | 64.093            | 0.099             | 0.228             | 21.7              | 11.577                    | 0.000                    | 0.000                  | 10.8               | 15.110                      | 42.336                   | OK     |
| PP8                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 64.150            | 64.068            | 0.071             | 0.203             | 12.4              | 8.639                     | 0.000                    | 0.000                  | 7.8                | 12.587                      | 56.967                   | OK     |
| PP9                | MY FSR: 100 years: +0 %: 60 mins: Summer  | 64.774            | 64.695            | 0.075             | 0.210             | 13.8              | 9.304                     | 0.000                    | 0.000                  | 8.6                | 14.345                      | 53.660                   | OK     |
| PP10               | MY FSR: 100 years: +0 %: 30 mins: Summer  | 64.925            | 64.687            | 0.226             | 0.202             | 15.7              | 11.433                    | 0.000                    | 0.000                  | 7.8                | 9.871                       | 43.053                   | OK     |
| PP11               | MY FSR: 100 years: +0 %: 30 mins: Summer  | 64.534            | 64.305            | 0.215             | 0.200             | 15.0              | 11.008                    | 0.000                    | 0.000                  | 7.6                | 9.331                       | 45.171                   | OK     |

|                                                                            |                                 |             |              |                                                                                     |
|----------------------------------------------------------------------------|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                                                   | Date:<br>20/08/2025             |             |              |  |
|                                                                            | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase | Company Address:                |             |              |                                                                                     |

|                  |                                                   |        |        |       |       |      |        |       |       |     |        |        |    |
|------------------|---------------------------------------------------|--------|--------|-------|-------|------|--------|-------|-------|-----|--------|--------|----|
| PP12             | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | 64.395 | 64.317 | 0.076 | 0.212 | 14.4 | 9.555  | 0.000 | 0.000 | 8.9 | 14.985 | 52.409 | OK |
| PP13             | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | 64.837 | 64.784 | 0.181 | 0.214 | 18.7 | 13.528 | 0.000 | 0.000 | 9.1 | 19.040 | 32.789 | OK |
| PP14             | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | 64.843 | 64.784 | 0.165 | 0.214 | 22.4 | 17.708 | 0.000 | 0.000 | 9.1 | 22.110 | 35.030 | OK |
| Porous<br>Paving | MY FSR: 100<br>years: +0 %:<br>15 mins:<br>Summer | 64.195 | 64.133 | 0.062 | 0.013 | 2.5  | 0.446  | 0.000 | 0.000 | 1.5 | 0.900  | 87.565 | OK |

|                                                                            |                                 |             |              |
|----------------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                                   | Date:<br>20/08/2025             |             |              |
|                                                                            | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By:**  
**Max. Avg. Depth**

| Stormwater Control | Storm Event                                | Max. US Level (m) | Max. DS Level (m) | Max. US Depth (m) | Max. DS Depth (m) | Max. Inflow (L/s) | Max. Residual Volume (m³) | Max. Flooded Volume (m³) | Total Lost Volume (m³) | Max. Outflow (L/s) | Total Discharge Volume (m³) | Percentage Available (%) | Status |
|--------------------|--------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|--------------------------|------------------------|--------------------|-----------------------------|--------------------------|--------|
| SOAKAWAY 1         | MY FSR: 100 years: +20 %: 60 mins: Winter  | 64.831            | 64.831            | 1.872             | 1.872             | 256.1             | 229.117                   | 0.000                    | 254.177                | 0.0                | 1.589                       | 0.918                    | OK     |
| SOAKAWAY 2         | MY FSR: 100 years: +20 %: 720 mins: Winter | 63.386            | 63.386            | 1.286             | 1.286             | 30.9              | 365.786                   | 0.000                    | 253.369                | 0.0                | 0.040                       | 0.004                    | OK     |
| PP15               | MY FSR: 100 years: +20 %: 15 mins: Summer  | 65.299            | 65.243            | 0.289             | 0.303             | 58.3              | 16.332                    | 0.405                    | 0.000                  | 35.8               | 23.377                      | 8.895                    | OK     |
| PP1                | MY FSR: 100 years: +20 %: 60 mins: Summer  | 63.723            | 63.669            | 0.074             | 0.209             | 13.2              | 8.302                     | 0.000                    | 0.000                  | 8.5                | 13.894                      | 52.407                   | OK     |
| PP2                | MY FSR: 100 years: +20 %: 60 mins: Summer  | 63.775            | 63.735            | 0.080             | 0.205             | 12.3              | 7.374                     | 0.000                    | 0.000                  | 8.1                | 13.020                      | 52.143                   | OK     |
| PP3                | MY FSR: 100 years: +20 %: 60 mins: Summer  | 63.838            | 63.799            | 0.077             | 0.204             | 12.0              | 7.249                     | 0.000                    | 0.000                  | 7.9                | 12.656                      | 52.956                   | OK     |
| PP4                | MY FSR: 100 years: +20 %: 30 mins: Summer  | 63.861            | 63.811            | 0.101             | 0.216             | 16.9              | 8.304                     | 0.000                    | 0.000                  | 9.3                | 11.929                      | 46.108                   | OK     |
| PP5                | MY FSR: 100 years: +20 %: 30 mins: Summer  | 64.002            | 63.956            | 0.092             | 0.211             | 15.9              | 7.914                     | 0.000                    | 0.000                  | 8.8                | 11.073                      | 48.639                   | OK     |
| PP6                | MY FSR: 100 years: +20 %: 30 mins: Summer  | 64.079            | 63.981            | 0.120             | 0.236             | 24.2              | 12.725                    | 0.000                    | 0.000                  | 11.8               | 17.221                      | 36.616                   | OK     |
| PP7                | MY FSR: 100 years: +20 %: 30 mins: Summer  | 64.215            | 64.107            | 0.136             | 0.242             | 26.0              | 13.557                    | 0.000                    | 0.000                  | 12.5               | 18.695                      | 32.474                   | OK     |
| PP8                | MY FSR: 100 years: +20 %: 60 mins: Summer  | 64.156            | 64.080            | 0.077             | 0.215             | 14.9              | 9.831                     | 0.000                    | 0.000                  | 9.2                | 15.638                      | 51.030                   | OK     |
| PP9                | MY FSR: 100 years: +20 %: 60 mins: Summer  | 64.782            | 64.707            | 0.083             | 0.222             | 16.6              | 10.659                    | 0.000                    | 0.000                  | 10.0               | 17.727                      | 46.909                   | OK     |
| PP10               | MY FSR: 100 years: +20 %: 30 mins: Summer  | 64.981            | 64.697            | 0.282             | 0.212             | 18.8              | 13.469                    | 0.000                    | 0.000                  | 8.8                | 12.406                      | 32.910                   | OK     |
| PP11               | MY FSR: 100 years: +20 %: 30 mins: Summer  | 64.586            | 64.314            | 0.267             | 0.209             | 18.0              | 12.948                    | 0.000                    | 0.000                  | 8.5                | 11.770                      | 35.505                   | OK     |

|                                                                            |                                 |                  |              |
|----------------------------------------------------------------------------|---------------------------------|------------------|--------------|
| Project:                                                                   | Date:<br>20/08/2025             |                  |              |
|                                                                            | Designed by:<br>PranitaShrestha | Checked by:      | Approved By: |
| Report Details:<br>Type: Stormwater Controls Summary<br>Storm Phase: Phase |                                 | Company Address: |              |



|                  |                                                    |        |        |       |       |      |        |       |       |      |        |        |    |
|------------------|----------------------------------------------------|--------|--------|-------|-------|------|--------|-------|-------|------|--------|--------|----|
| PP12             | MY FSR: 100<br>years: +20 %:<br>60 mins:<br>Summer | 64.407 | 64.330 | 0.088 | 0.225 | 17.2 | 10.970 | 0.000 | 0.000 | 10.3 | 18.497 | 45.361 | OK |
| PP13             | MY FSR: 100<br>years: +20 %:<br>60 mins:<br>Summer | 64.877 | 64.800 | 0.221 | 0.230 | 22.5 | 15.633 | 0.000 | 0.000 | 11.0 | 23.586 | 22.335 | OK |
| PP14             | MY FSR: 100<br>years: +20 %:<br>60 mins:<br>Summer | 64.883 | 64.800 | 0.205 | 0.230 | 26.9 | 20.588 | 0.000 | 0.000 | 10.9 | 27.441 | 24.461 | OK |
| Porous<br>Paving | MY FSR: 100<br>years: +20 %:<br>15 mins:<br>Summer | 64.201 | 64.135 | 0.068 | 0.015 | 3.0  | 0.494  | 0.000 | 0.000 | 2.1  | 1.114  | 86.247 | OK |

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 1 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow**

| Connection | 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 |
|------------|-----------------------------------------|-----------------|---------|-------------|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|--------|
| P01.003    | MY FSR: 1 years: +0 %: 30 mins: Summer  | Pipe            | S3      | S4          | 65.400                   | 64.190                  | 0.119               | 25.471                | 1.0                 | 0.33            | 25.1            | OK     |
| P01.004    | MY FSR: 1 years: +0 %: 30 mins: Summer  | Pipe            | S4      | S5          | 65.400                   | 63.799                  | 0.124               | 30.157                | 1.0                 | 0.19            | 30.4            | OK     |
| P01.001    | MY FSR: 1 years: +0 %: 30 mins: Summer  | Pipe            | S1      | S2          | 65.290                   | 64.721                  | 0.089               | 12.792                | 0.8                 | 0.32            | 11.8            | OK     |
| P01.002    | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S2      | S3          | 65.400                   | 64.437                  | 0.121               | 16.718                | 1.0                 | 0.33            | 25.7            | OK     |
| P01.005    | MY FSR: 1 years: +0 %: 30 mins: Summer  | Pipe            | S5      | SOAKA WAY 1 | 65.750                   | 63.679                  | 0.125               | 36.843                | 1.2                 | 0.23            | 37.6            | OK     |
| P01.000    | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | PP15    | S1          | 65.470                   | 65.016                  | 0.066               | 5.169                 | 0.7                 | 0.1             | 6.8             | OK     |
| R2.000     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S10     | S11         | 65.400                   | 64.543                  | 0.075               | 6.624                 | 1.3                 | 0.23            | 14.5            | OK     |
| R2.001     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S11     | S12         | 65.400                   | 64.032                  | 0.111               | 11.516                | 0.9                 | 0.28            | 22.1            | OK     |
| R2.002     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S12     | S13         | 65.400                   | 63.679                  | 0.124               | 17.074                | 1.1                 | 0.21            | 34.2            | OK     |
| R1.000     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S7      | S8          | 65.350                   | 64.365                  | 0.077               | 4.958                 | 0.8                 | 0.25            | 10.2            | OK     |
| R1.001     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S8      | S9          | 65.460                   | 64.071                  | 0.118               | 13.178                | 1.0                 | 0.31            | 26.0            | OK     |
| R1.003     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S13     | S14 (1)     | 65.730                   | 63.592                  | 0.195               | 37.456                | 1.1                 | 0.32            | 70.3            | OK     |
| R1.004     | MY FSR: 1 years: +0 %: 15 mins: Summer  | Pipe            | S14 (1) | SOAKA WAY 1 | 65.400                   | 63.466                  | 0.183               | 37.393                | 1.1                 | 0.31            | 67.2            | OK     |
| CP6.007    | MY FSR: 1 years: +0 %: 120 mins: Summer | Pipe            | S20     | S21         | 64.800                   | 62.786                  | 0.085               | 29.194                | 0.7                 | 0.13            | 12.3            | OK     |

|                                                                    |                                 |             |              |                                                                                     |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |  |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |                                                                                     |

|          |                                                  |      |         |         |        |        |       |        |     |      |      |    |
|----------|--------------------------------------------------|------|---------|---------|--------|--------|-------|--------|-----|------|------|----|
| CP16.000 | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP14    | S34     | 65.000 | 64.661 | 0.019 | 7.525  | 1.4 | 0.03 | 1.9  | OK |
| R1.002   | MY FSR: 1<br>years: +0 %:<br>15 mins:<br>Summer  | Pipe | S9      | S13     | 65.430 | 63.749 | 0.144 | 20.392 | 1.0 | 0.29 | 39.7 | OK |
| CP1.000  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP13    | S23     | 65.086 | 64.665 | 0.024 | 6.428  | 0.9 | 0.05 | 1.7  | OK |
| CP6.001  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S14     | S15     | 63.680 | 63.029 | 0.043 | 6.931  | 0.5 | 0.06 | 2.4  | OK |
| CP6.002  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S15     | S16     | 63.800 | 62.996 | 0.053 | 10.128 | 0.5 | 0.09 | 3.5  | OK |
| CP6.003  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S16     | S17     | 63.830 | 62.947 | 0.061 | 14.118 | 0.6 | 0.13 | 5.0  | OK |
| CP6.004  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S17     | S18     | 63.850 | 62.912 | 0.071 | 17.597 | 0.6 | 0.16 | 6.3  | OK |
| CP6.005  | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | S18     | S19     | 63.800 | 62.863 | 0.081 | 19.790 | 0.7 | 0.22 | 8.6  | OK |
| CP6.006  | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | S19     | S20     | 64.679 | 62.816 | 0.085 | 25.937 | 0.7 | 0.13 | 11.1 | OK |
| CP13.001 | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S22 (2) | S20     | 63.800 | 62.788 | 0.061 | 4.032  | 0.2 | 0.03 | 1.3  | OK |
| CP7.000  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP2     | S14     | 64.125 | 63.599 | 0.026 | 3.380  | 0.6 | 0.02 | 1.2  | OK |
| CP8.000  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP3     | S15     | 64.190 | 63.663 | 0.047 | 3.242  | 0.2 | 0.02 | 1.1  | OK |
| CP9.000  | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | PP4     | S16     | 64.190 | 63.669 | 0.150 | 3.585  | 0.1 | 0.02 | 1.6  | OK |
| CP10.000 | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | PP5     | S17     | 64.340 | 63.818 | 0.150 | 3.244  | 0.1 | 0.01 | 1.5  | OK |
| CP11.000 | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | PP6     | S18     | 64.389 | 63.825 | 0.069 | 5.532  | 0.8 | 0.03 | 2.4  | OK |
| CP12.000 | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | PP7     | S19     | 64.509 | 63.948 | 0.051 | 6.155  | 1.0 | 0.03 | 2.7  | OK |
| CP13.000 | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP8     | S22 (2) | 64.509 | 63.933 | 0.025 | 4.035  | 0.9 | 0.01 | 1.3  | OK |

|                                                                    |  |  |  |                                 |             |              |                                                                                     |  |  |  |  |  |
|--------------------------------------------------------------------|--|--|--|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Project:                                                           |  |  |  | Date:<br>20/08/2025             |             |              |  |  |  |  |  |  |
|                                                                    |  |  |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |  |  |  |  |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  |  |  | Company Address:                |             |              |                                                                                     |  |  |  |  |  |

|          |                                                  |      |                  |                |        |        |       |        |     |      |      |    |
|----------|--------------------------------------------------|------|------------------|----------------|--------|--------|-------|--------|-----|------|------|----|
| CP16.001 | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S34              | S33            | 64.910 | 63.023 | 0.034 | 7.521  | 0.6 | 0.1  | 1.9  | OK |
| CP16.002 | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S33              | S32            | 64.780 | 62.844 | 0.040 | 7.516  | 0.5 | 0.11 | 1.9  | OK |
| CP14.002 | MY FSR: 1<br>years: +0 %:<br>15 mins:<br>Summer  | Pipe | S32              | SOAKA<br>WAY 2 | 64.700 | 62.800 | 0.066 | 3.395  | 0.9 | 0.36 | 6.4  | OK |
| CP14.000 | MY FSR: 1<br>years: +0 %:<br>15 mins:<br>Summer  | Pipe | S30              | S31            | 64.330 | 63.342 | 0.051 | 1.319  | 0.6 | 0.17 | 3.0  | OK |
| CP14.001 | MY FSR: 1<br>years: +0 %:<br>15 mins:<br>Summer  | Pipe | S31              | S32            | 64.480 | 63.181 | 0.066 | 3.074  | 0.8 | 0.35 | 6.2  | OK |
| CP5.000  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP9              | S29            | 65.129 | 64.556 | 0.019 | 4.790  | 1.5 | 0.04 | 1.6  | OK |
| CP5.001  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S29              | S27            | 63.940 | 63.119 | 0.041 | 4.787  | 0.4 | 0.06 | 1.6  | OK |
| CP1.005  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S27              | S28 (1)        | 63.970 | 63.028 | 0.061 | 24.952 | 0.9 | 0.14 | 7.5  | OK |
| CP1.004  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S26              | S27            | 64.450 | 63.204 | 0.052 | 20.169 | 1.1 | 0.18 | 6.0  | OK |
| CP1.003  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S25              | S26            | 64.080 | 63.278 | 0.051 | 15.672 | 0.9 | 0.27 | 4.6  | OK |
| CP1.001  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S23              | S24            | 64.450 | 63.589 | 0.034 | 6.426  | 0.6 | 0.05 | 1.7  | OK |
| CP15.000 | MY FSR: 1<br>years: +0 %:<br>60 mins:<br>Summer  | Pipe | Porous<br>Paving | S31            | 64.563 | 64.143 | 0.028 | 0.420  | 0.3 | 0    | 0.3  | OK |
| CP1.002  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S24              | S25            | 64.200 | 63.387 | 0.050 | 11.481 | 0.7 | 0.18 | 3.4  | OK |
| CP1.006  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | S28 (1)          | SOAKA<br>WAY 2 | 64.440 | 62.794 | 0.061 | 24.942 | 0.9 | 0.14 | 7.5  | OK |
| CP6.008  | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | S21              | SOAKA<br>WAY 2 | 63.920 | 62.755 | 0.081 | 29.183 | 0.8 | 0.14 | 12.3 | OK |
| CP2.000  | MY FSR: 1<br>years: +0 %:<br>120 mins:<br>Summer | Pipe | PP12             | S24            | 64.749 | 64.178 | 0.030 | 4.198  | 0.7 | 0.02 | 1.7  | OK |
| CP3.000  | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP11             | S25            | 64.749 | 64.181 | 0.034 | 4.196  | 0.4 | 0.02 | 1.3  | OK |

|                                                                    |                                                  |      |      |                                 |        |             |       |              |     |      |                                       |    |  |
|--------------------------------------------------------------------|--------------------------------------------------|------|------|---------------------------------|--------|-------------|-------|--------------|-----|------|---------------------------------------|----|--|
| Project:                                                           |                                                  |      |      | Date:<br>20/08/2025             |        |             |       |              |     |      | <div><div>I</div><div>DRN</div></div> |    |  |
|                                                                    |                                                  |      |      | Designed by:<br>PranitaShrestha |        | Checked by: |       | Approved By: |     |      |                                       |    |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |                                                  |      |      | Company Address:                |        |             |       |              |     |      |                                       |    |  |
| CP4.000                                                            | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP10 | S26                             | 65.129 | 64.563      | 0.029 | 4.502        | 0.6 | 0.01 | 1.5                                   | OK |  |
| CP6.000                                                            | MY FSR: 1<br>years: +0 %:<br>180 mins:<br>Summer | Pipe | PP1  | S14                             | 64.079 | 63.528      | 0.029 | 3.560        | 0.5 | 0.03 | 1.2                                   | OK |  |
| Pipe                                                               | MY FSR: 1<br>years: +0 %:<br>15 mins:<br>Summer  | Pipe | S6   | S5                              | 65.390 | 64.543      | 0.090 | 2.859        | 0.6 | 0.27 | 6.2                                   | OK |  |

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 30 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow**

| Connection | 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 |
|------------|-----------------------------------------|-----------------|---------|-------------|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|--------|
| P01.003    | MY FSR: 30 years: +0 %: 30 mins: Summer | Pipe            | S3      | S4          | 65.400                   | 64.295                  | 0.213               | 63.386                | 1.2                 | 0.85            | 65.5            | OK     |
| P01.004    | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S4      | S5          | 65.400                   | 63.898                  | 0.227               | 56.284                | 1.2                 | 0.5             | 79.8            | OK     |
| P01.001    | MY FSR: 30 years: +0 %: 30 mins: Summer | Pipe            | S1      | S2          | 65.290                   | 64.803                  | 0.161               | 32.198                | 1.0                 | 0.87            | 31.8            | OK     |
| P01.002    | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S2      | S3          | 65.400                   | 64.549                  | 0.229               | 43.010                | 1.2                 | 0.87            | 67.7            | OK     |
| P01.005    | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S5      | SOAKA WAY 1 | 65.750                   | 63.785                  | 0.223               | 68.792                | 1.5                 | 0.61            | 99.9            | OK     |
| P01.000    | MY FSR: 30 years: +0 %: 30 mins: Summer | Pipe            | PP15    | S1          | 65.470                   | 65.091                  | 0.126               | 19.906                | 0.9                 | 0.28            | 18.7            | OK     |
| R2.000     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S10     | S11         | 65.400                   | 64.599                  | 0.129               | 16.181                | 1.6                 | 0.59            | 36.7            | OK     |
| R2.001     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S11     | S12         | 65.400                   | 64.119                  | 0.192               | 28.027                | 1.2                 | 0.71            | 55.6            | OK     |
| R2.002     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S12     | S13         | 65.400                   | 63.805                  | 0.269               | 41.910                | 1.0                 | 0.53            | 85.1            | OK     |
| R1.000     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S7      | S8          | 65.350                   | 64.424                  | 0.148               | 12.091                | 1.0                 | 0.65            | 27.2            | OK     |
| R1.001     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S8      | S9          | 65.460                   | 64.169                  | 0.209               | 32.225                | 1.2                 | 0.79            | 65.5            | OK     |
| R1.003     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S13     | S14 (1)     | 65.730                   | 63.756                  | 0.351               | 91.960                | 1.3                 | 0.8             | 174.5           | OK     |
| R1.004     | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe            | S14 (1) | SOAKA WAY 1 | 65.400                   | 63.614                  | 0.317               | 91.573                | 1.4                 | 0.77            | 169.7           | OK     |
| CP6.007    | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe            | S20     | S21         | 64.800                   | 62.903                  | 0.196               | 75.566                | 1.0                 | 0.54            | 50.0            | OK     |

|                                                                    |                     |                  |              |
|--------------------------------------------------------------------|---------------------|------------------|--------------|
| Project:                                                           | Date:<br>20/08/2025 |                  |              |
|                                                                    | Designed by:        | Checked by:      | Approved By: |
|                                                                    | PranitaShrestha     |                  |              |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |                     | Company Address: |              |



|          |                                                  |      |         |         |        |        |       |        |     |      |       |    |
|----------|--------------------------------------------------|------|---------|---------|--------|--------|-------|--------|-----|------|-------|----|
| CP16.000 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP14    | S34     | 65.000 | 64.730 | 0.036 | 15.609 | 2.0 | 0.12 | 6.6   | OK |
| R1.002   | MY FSR: 30<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S9      | S13     | 65.430 | 63.874 | 0.279 | 49.837 | 1.1 | 0.74 | 100.0 | OK |
| CP1.000  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP13    | S23     | 65.086 | 64.738 | 0.049 | 13.487 | 1.3 | 0.21 | 6.6   | OK |
| CP6.001  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S14     | S15     | 63.680 | 63.087 | 0.110 | 15.257 | 0.6 | 0.27 | 10.4  | OK |
| CP6.002  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S15     | S16     | 63.800 | 63.072 | 0.145 | 22.365 | 0.6 | 0.4  | 15.4  | OK |
| CP6.003  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S16     | S17     | 63.830 | 63.055 | 0.177 | 31.088 | 0.7 | 0.55 | 21.5  | OK |
| CP6.004  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S17     | S18     | 63.850 | 63.035 | 0.201 | 39.015 | 0.7 | 0.7  | 27.2  | OK |
| CP6.005  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S18     | S19     | 63.800 | 62.999 | 0.209 | 52.255 | 0.9 | 0.91 | 35.5  | OK |
| CP6.006  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S19     | S20     | 64.679 | 62.936 | 0.204 | 66.750 | 0.9 | 0.53 | 44.2  | OK |
| CP13.001 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S22 (2) | S20     | 63.800 | 62.904 | 0.178 | 8.837  | 0.2 | 0.12 | 5.8   | OK |
| CP7.000  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP2     | S14     | 64.125 | 63.641 | 0.062 | 7.419  | 0.8 | 0.07 | 5.1   | OK |
| CP8.000  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP3     | S15     | 64.190 | 63.704 | 0.091 | 7.174  | 0.5 | 0.07 | 5.0   | OK |
| CP9.000  | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP4     | S16     | 64.190 | 63.716 | 0.150 | 9.046  | 0.9 | 0.07 | 6.0   | OK |
| CP10.000 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP5     | S17     | 64.340 | 63.862 | 0.150 | 8.358  | 2.3 | 0.06 | 5.7   | OK |
| CP11.000 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP6     | S18     | 64.389 | 63.882 | 0.143 | 13.312 | 0.5 | 0.09 | 8.2   | OK |
| CP12.000 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP7     | S19     | 64.509 | 64.009 | 0.117 | 14.514 | 1.1 | 0.1  | 8.7   | OK |
| CP13.000 | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP8     | S22 (2) | 64.509 | 63.976 | 0.089 | 8.846  | 0.9 | 0.06 | 5.8   | OK |

|                                                                    |  |  |  |                                 |             |              |                                                                                     |  |  |  |  |  |
|--------------------------------------------------------------------|--|--|--|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Project:                                                           |  |  |  | Date:<br>20/08/2025             |             |              |  |  |  |  |  |  |
|                                                                    |  |  |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |  |  |  |  |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  |  |  | Company Address:                |             |              |                                                                                     |  |  |  |  |  |

|          |                                         |      |               |             |        |        |       |        |     |      |      |            |
|----------|-----------------------------------------|------|---------------|-------------|--------|--------|-------|--------|-----|------|------|------------|
| CP16.001 | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S34           | S33         | 64.910 | 63.055 | 0.066 | 15.590 | 0.9 | 0.37 | 6.6  | OK         |
| CP16.002 | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S33           | S32         | 64.780 | 62.877 | 0.088 | 15.566 | 0.7 | 0.38 | 6.5  | OK         |
| CP14.002 | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe | S32           | SOAKA WAY 2 | 64.700 | 62.859 | 0.119 | 12.525 | 1.0 | 0.88 | 15.7 | OK         |
| CP14.000 | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe | S30           | S31         | 64.330 | 63.367 | 0.091 | 3.235  | 0.7 | 0.41 | 7.3  | OK         |
| CP14.001 | MY FSR: 30 years: +0 %: 15 mins: Summer | Pipe | S31           | S32         | 64.480 | 63.234 | 0.121 | 7.784  | 1.0 | 0.89 | 15.8 | OK         |
| CP5.000  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | PP9           | S29         | 65.129 | 64.604 | 0.039 | 10.178 | 2.3 | 0.18 | 6.5  | OK         |
| CP5.001  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S29           | S27         | 63.940 | 63.145 | 0.089 | 10.170 | 0.7 | 0.24 | 6.5  | OK         |
| CP1.005  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S27           | S28 (1)     | 63.970 | 63.102 | 0.139 | 52.986 | 1.2 | 0.59 | 30.7 | OK         |
| CP1.004  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S26           | S27         | 64.450 | 63.279 | 0.126 | 42.842 | 1.6 | 0.75 | 25.0 | OK         |
| CP1.003  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S25           | S26         | 64.080 | 63.398 | 0.148 | 33.206 | 1.2 | 1.1  | 18.6 | Surcharged |
| CP1.001  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S23           | S24         | 64.450 | 63.612 | 0.076 | 13.475 | 1.0 | 0.21 | 6.6  | OK         |
| CP15.000 | MY FSR: 30 years: +0 %: 30 mins: Summer | Pipe | Porous Paving | S31         | 64.563 | 64.153 | 0.050 | 0.919  | 0.4 | 0.01 | 1.2  | OK         |
| CP1.002  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S24           | S25         | 64.200 | 63.448 | 0.141 | 24.113 | 1.0 | 0.72 | 13.3 | OK         |
| CP1.006  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S28 (1)       | SOAKA WAY 2 | 64.440 | 62.876 | 0.135 | 52.946 | 1.2 | 0.59 | 30.8 | OK         |
| CP6.008  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | S21           | SOAKA WAY 2 | 63.920 | 62.859 | 0.176 | 75.541 | 1.2 | 0.58 | 50.0 | OK         |
| CP2.000  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | PP12          | S24         | 64.749 | 64.226 | 0.067 | 10.657 | 0.9 | 0.09 | 6.8  | OK         |
| CP3.000  | MY FSR: 30 years: +0 %: 60 mins: Summer | Pipe | PP11          | S25         | 64.749 | 64.242 | 0.100 | 9.113  | 0.6 | 0.07 | 6.1  | OK         |

|                                                                    |                                                  |      |      |                                 |        |             |       |              |     |      |                                                                                     |    |  |
|--------------------------------------------------------------------|--------------------------------------------------|------|------|---------------------------------|--------|-------------|-------|--------------|-----|------|-------------------------------------------------------------------------------------|----|--|
| Project:                                                           |                                                  |      |      | Date:<br>20/08/2025             |        |             |       |              |     |      |  |    |  |
|                                                                    |                                                  |      |      | Designed by:<br>PranitaShrestha |        | Checked by: |       | Approved By: |     |      |                                                                                     |    |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |                                                  |      |      | Company Address:                |        |             |       |              |     |      |                                                                                     |    |  |
| CP4.000                                                            | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP10 | S26                             | 65.129 | 64.626      | 0.073 | 9.652        | 0.8 | 0.06 |                                                                                     |    |  |
| CP6.000                                                            | MY FSR: 30<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP1  | S14                             | 64.079 | 63.570      | 0.068 | 7.864        | 0.7 | 0.14 | 5.3                                                                                 | OK |  |
| Pipe                                                               | MY FSR: 30<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S6   | S5                              | 65.390 | 64.583      | 0.150 | 6.956        | 0.9 | 0.69 | 15.7                                                                                | OK |  |

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +0: Critical Storm Per Item: Rank By: Max. Flow**

| Connection | 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     |
|------------|------------------------------------------|-----------------|---------|-------------|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|------------|
| P01.003    | MY FSR: 100 years: +0 %: 30 mins: Summer | Pipe            | S3      | S4          | 65.400                   | 64.382                  | 0.269               | 83.706                | 1.2                 | 1.08            | 82.9            | Surcharged |
| P01.004    | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S4      | S5          | 65.400                   | 63.944                  | 0.275               | 73.841                | 1.2                 | 0.65            | 103.6           | OK         |
| P01.001    | MY FSR: 100 years: +0 %: 30 mins: Summer | Pipe            | S1      | S2          | 65.290                   | 64.960                  | 0.225               | 42.855                | 1.1                 | 1.1             | 40.4            | Surcharged |
| P01.002    | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S2      | S3          | 65.400                   | 64.676                  | 0.300               | 56.339                | 1.2                 | 1.08            | 83.9            | Surcharged |
| P01.005    | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S5      | SOAKA WAY 1 | 65.750                   | 63.836                  | 0.269               | 89.679                | 1.5                 | 0.8             | 130.7           | OK         |
| P01.000    | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | PP15    | S1          | 65.470                   | 65.141                  | 0.181               | 18.825                | 0.9                 | 0.4             | 26.5            | OK         |
| R2.000     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S10     | S11         | 65.400                   | 64.625                  | 0.173               | 21.059                | 1.5                 | 0.76            | 47.7            | OK         |
| R2.001     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S11     | S12         | 65.400                   | 64.182                  | 0.265               | 36.294                | 1.2                 | 1               | 77.8            | OK         |
| R2.002     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S12     | S13         | 65.400                   | 63.891                  | 0.359               | 54.640                | 1.0                 | 0.63            | 101.5           | OK         |
| R1.000     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S7      | S8          | 65.350                   | 64.447                  | 0.200               | 15.744                | 0.9                 | 0.84            | 35.1            | OK         |
| R1.001     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S8      | S9          | 65.460                   | 64.249                  | 0.300               | 41.760                | 1.2                 | 1               | 83.3            | OK         |
| R1.003     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S13     | S14 (1)     | 65.730                   | 63.849                  | 0.425               | 119.431               | 1.4                 | 1.01            | 219.9           | Surcharged |
| R1.004     | MY FSR: 100 years: +0 %: 15 mins: Summer | Pipe            | S14 (1) | SOAKA WAY 1 | 65.400                   | 63.669                  | 0.363               | 117.860               | 1.6                 | 0.98            | 215.3           | OK         |
| CP6.007    | MY FSR: 100 years: +0 %: 60 mins: Summer | Pipe            | S20     | S21         | 64.800                   | 62.951                  | 0.241               | 106.239               | 1.1                 | 0.72            | 65.9            | OK         |

|                                                                    |  |  |  |                                 |             |              |                                                                                     |  |  |  |  |  |
|--------------------------------------------------------------------|--|--|--|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Project:                                                           |  |  |  | Date:<br>20/08/2025             |             |              |  |  |  |  |  |  |
|                                                                    |  |  |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |  |  |  |  |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  |  |  | Company Address:                |             |              |                                                                                     |  |  |  |  |  |

|          |                                                   |      |         |         |        |        |       |        |     |      |       |            |
|----------|---------------------------------------------------|------|---------|---------|--------|--------|-------|--------|-----|------|-------|------------|
| CP16.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP14    | S34     | 65.000 | 64.770 | 0.042 | 22.074 | 2.2 | 0.16 | 9.1   | Surcharged |
| R1.002   | MY FSR: 100<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S9      | S13     | 65.430 | 63.991 | 0.375 | 64.845 | 1.1 | 0.94 | 126.4 | Surcharged |
| CP1.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP13    | S23     | 65.086 | 64.777 | 0.058 | 19.004 | 1.4 | 0.28 | 9.1   | Surcharged |
| CP6.001  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S14     | S15     | 63.680 | 63.235 | 0.225 | 21.629 | 0.6 | 0.36 | 14.2  | Surcharged |
| CP6.002  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S15     | S16     | 63.800 | 63.226 | 0.225 | 31.754 | 0.6 | 0.54 | 21.0  | Surcharged |
| CP6.003  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S16     | S17     | 63.830 | 63.202 | 0.225 | 44.062 | 0.7 | 0.74 | 29.1  | Surcharged |
| CP6.004  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S17     | S18     | 63.850 | 63.168 | 0.225 | 55.361 | 0.9 | 0.94 | 36.7  | Surcharged |
| CP6.005  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S18     | S19     | 63.800 | 63.096 | 0.225 | 73.720 | 1.2 | 1.21 | 47.1  | Surcharged |
| CP6.006  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S19     | S20     | 64.679 | 62.989 | 0.254 | 93.711 | 0.9 | 0.69 | 58.0  | OK         |
| CP13.001 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S22 (2) | S20     | 63.800 | 62.954 | 0.225 | 12.550 | 0.2 | 0.16 | 7.9   | OK         |
| CP7.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP2     | S14     | 64.125 | 63.660 | 0.137 | 10.489 | 0.8 | 0.1  | 6.8   | OK         |
| CP8.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP3     | S15     | 64.190 | 63.723 | 0.150 | 10.190 | 0.4 | 0.09 | 6.7   | OK         |
| CP9.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP4     | S16     | 64.190 | 63.740 | 0.150 | 12.632 | 0.4 | 0.09 | 7.9   | OK         |
| CP10.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP5     | S17     | 64.340 | 63.884 | 0.150 | 11.728 | 0.4 | 0.07 | 7.5   | OK         |
| CP11.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP6     | S18     | 64.389 | 63.912 | 0.150 | 18.433 | 0.7 | 0.11 | 10.3  | OK         |
| CP12.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP7     | S19     | 64.509 | 64.042 | 0.145 | 20.012 | 1.1 | 0.12 | 10.9  | Surcharged |
| CP13.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP8     | S22 (2) | 64.509 | 63.997 | 0.115 | 12.559 | 1.0 | 0.08 | 7.9   | OK         |

|                                                                    |  |  |  |                                 |             |              |                                                                                     |  |  |  |  |  |
|--------------------------------------------------------------------|--|--|--|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Project:                                                           |  |  |  | Date:<br>20/08/2025             |             |              |  |  |  |  |  |  |
|                                                                    |  |  |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |  |  |  |  |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  |  |  | Company Address:                |             |              |                                                                                     |  |  |  |  |  |

|          |                                                   |      |                  |                |        |        |       |         |     |      |      |                |
|----------|---------------------------------------------------|------|------------------|----------------|--------|--------|-------|---------|-----|------|------|----------------|
| CP16.001 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S34              | S33            | 64.910 | 63.068 | 0.102 | 22.052  | 0.9 | 0.5  | 8.9  | OK             |
| CP16.002 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S33              | S32            | 64.780 | 62.945 | 0.150 | 22.027  | 0.7 | 0.55 | 9.6  | OK             |
| CP14.002 | MY FSR: 100<br>years: +0 %:<br>30 mins:<br>Summer | Pipe | S32              | SOAKA<br>WAY 2 | 64.700 | 62.936 | 0.150 | 28.612  | 1.3 | 1.28 | 22.7 | Surch<br>arged |
| CP14.000 | MY FSR: 100<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S30              | S31            | 64.330 | 63.379 | 0.150 | 4.207   | 0.5 | 0.52 | 9.2  | OK             |
| CP14.001 | MY FSR: 100<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S31              | S32            | 64.480 | 63.346 | 0.150 | 10.145  | 1.1 | 1.04 | 18.6 | Surch<br>arged |
| CP5.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP9              | S29            | 65.129 | 64.627 | 0.045 | 14.317  | 2.5 | 0.23 | 8.6  | Surch<br>arged |
| CP5.001  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S29              | S27            | 63.940 | 63.153 | 0.108 | 14.308  | 0.7 | 0.32 | 8.7  | OK             |
| CP1.005  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S27              | S28 (1)        | 63.970 | 63.131 | 0.168 | 74.721  | 1.3 | 0.76 | 39.8 | OK             |
| CP1.004  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S26              | S27            | 64.450 | 63.379 | 0.150 | 60.441  | 1.8 | 0.97 | 32.2 | Surch<br>arged |
| CP1.003  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S25              | S26            | 64.080 | 63.553 | 0.150 | 46.827  | 1.4 | 1.43 | 24.2 | Surch<br>arged |
| CP1.001  | MY FSR: 100<br>years: +0 %:<br>30 mins:<br>Summer | Pipe | S23              | S24            | 64.450 | 63.618 | 0.150 | 13.086  | 0.8 | 0.27 | 8.7  | OK             |
| CP15.000 | MY FSR: 100<br>years: +0 %:<br>30 mins:<br>Summer | Pipe | Porous<br>Paving | S31            | 64.563 | 64.156 | 0.062 | 1.248   | 0.4 | 0.02 | 1.6  | OK             |
| CP1.002  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S24              | S25            | 64.200 | 63.665 | 0.150 | 33.924  | 1.0 | 0.93 | 17.2 | Surch<br>arged |
| CP1.006  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S28 (1)          | SOAKA<br>WAY 2 | 64.440 | 62.904 | 0.160 | 74.679  | 1.3 | 0.76 | 39.9 | OK             |
| CP6.008  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | S21              | SOAKA<br>WAY 2 | 63.920 | 62.901 | 0.213 | 106.213 | 1.2 | 0.77 | 66.0 | OK             |
| CP2.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP12             | S24            | 64.749 | 64.251 | 0.150 | 14.957  | 0.9 | 0.11 | 8.9  | OK             |
| CP3.000  | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP11             | S25            | 64.749 | 64.273 | 0.150 | 12.924  | 0.6 | 0.09 | 7.7  | OK             |

|                                                                    |                                 |             |              |                                                                                     |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |  |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |                                                                                     |

|         |                                                   |      |      |     |        |        |       |        |     |      |      |            |
|---------|---------------------------------------------------|------|------|-----|--------|--------|-------|--------|-----|------|------|------------|
| CP4.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP10 | S26 | 65.129 | 64.660 | 0.123 | 13.630 | 0.8 | 0.08 | 7.9  | Surcharged |
| CP6.000 | MY FSR: 100<br>years: +0 %:<br>60 mins:<br>Summer | Pipe | PP1  | S14 | 64.079 | 63.589 | 0.144 | 11.167 | 0.7 | 0.19 | 7.2  | OK         |
| Pipe    | MY FSR: 100<br>years: +0 %:<br>15 mins:<br>Summer | Pipe | S6   | S5  | 65.390 | 64.604 | 0.150 | 9.045  | 1.2 | 0.89 | 20.4 | OK         |

|                                                                    |                                 |             |              |
|--------------------------------------------------------------------|---------------------------------|-------------|--------------|
| Project:                                                           | Date:<br>20/08/2025             |             |              |
|                                                                    | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase | Company Address:                |             |              |





**MY FSR: 100 years: Increase Rainfall (%): +20: Critical Storm Per Item: Rank By: Max. Flow**

| Connection | 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     |
|------------|-------------------------------------------|-----------------|---------|-------------|--------------------------|-------------------------|---------------------|-----------------------|---------------------|-----------------|-----------------|------------|
| P01.003    | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe            | S3      | S4          | 65.400                   | 64.535                  | 0.300               | 99.376                | 1.4                 | 1.25            | 96.1            | Surcharged |
| P01.004    | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S4      | S5          | 65.400                   | 63.987                  | 0.319               | 89.094                | 1.3                 | 0.76            | 121.7           | OK         |
| P01.001    | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S1      | S2          | 65.290                   | 65.172                  | 0.225               | 38.676                | 1.2                 | 1.29            | 47.4            | Surcharged |
| P01.002    | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S2      | S3          | 65.400                   | 64.964                  | 0.300               | 68.226                | 1.4                 | 1.24            | 96.6            | Surcharged |
| P01.005    | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S5      | SOAKA WAY 1 | 65.750                   | 63.881                  | 0.308               | 107.507               | 1.6                 | 0.94            | 152.1           | OK         |
| P01.000    | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | PP15    | S1          | 65.470                   | 65.402                  | 0.225               | 23.302                | 1.0                 | 0.56            | 37.3            | Surcharged |
| R2.000     | MY FSR: 100 years: +20 %: 15 mins: Winter | Pipe            | S10     | S11         | 65.400                   | 64.638                  | 0.225               | 25.242                | 1.3                 | 0.83            | 52.0            | OK         |
| R2.001     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S11     | S12         | 65.400                   | 64.476                  | 0.300               | 43.487                | 1.2                 | 1.06            | 82.4            | Surcharged |
| R2.002     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S12     | S13         | 65.400                   | 64.098                  | 0.375               | 65.417                | 1.2                 | 0.79            | 127.4           | Surcharged |
| R1.000     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S7      | S8          | 65.350                   | 64.853                  | 0.225               | 18.924                | 0.9                 | 0.78            | 32.3            | Surcharged |
| R1.001     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S8      | S9          | 65.460                   | 64.647                  | 0.300               | 50.144                | 1.3                 | 1.14            | 94.8            | Surcharged |
| R1.003     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S13     | S14 (1)     | 65.730                   | 64.013                  | 0.450               | 141.655               | 1.7                 | 1.24            | 270.4           | Surcharged |
| R1.004     | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe            | S14 (1) | SOAKA WAY 1 | 65.400                   | 63.737                  | 0.415               | 139.042               | 1.7                 | 1.22            | 266.6           | Surcharged |
| CP6.007    | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe            | S20     | S21         | 64.800                   | 62.990                  | 0.276               | 98.979                | 1.1                 | 0.84            | 77.6            | OK         |

|                                                                    |  |  |  |                                 |             |              |                                                                                     |  |  |  |  |  |
|--------------------------------------------------------------------|--|--|--|---------------------------------|-------------|--------------|-------------------------------------------------------------------------------------|--|--|--|--|--|
| Project:                                                           |  |  |  | Date:<br>20/08/2025             |             |              |  |  |  |  |  |  |
|                                                                    |  |  |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |                                                                                     |  |  |  |  |  |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  |  |  | Company Address:                |             |              |                                                                                     |  |  |  |  |  |

|          |                                           |      |         |         |        |        |       |        |     |      |       |            |
|----------|-------------------------------------------|------|---------|---------|--------|--------|-------|--------|-----|------|-------|------------|
| CP16.000 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP14    | S34     | 65.000 | 64.802 | 0.047 | 27.400 | 2.3 | 0.2  | 10.9  | Surcharged |
| R1.002   | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe | S9      | S13     | 65.430 | 64.224 | 0.375 | 77.514 | 1.4 | 1.12 | 150.5 | Surcharged |
| CP1.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP13    | S23     | 65.086 | 64.809 | 0.065 | 23.545 | 1.5 | 0.34 | 11.0  | Surcharged |
| CP6.001  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S14     | S15     | 63.680 | 63.393 | 0.225 | 20.218 | 0.5 | 0.43 | 16.8  | Surcharged |
| CP6.002  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S15     | S16     | 63.800 | 63.380 | 0.225 | 29.671 | 0.6 | 0.64 | 25.0  | Surcharged |
| CP6.003  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S16     | S17     | 63.830 | 63.345 | 0.225 | 41.208 | 0.9 | 0.89 | 34.6  | Surcharged |
| CP6.004  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S17     | S18     | 63.850 | 63.296 | 0.225 | 51.795 | 1.1 | 1.12 | 43.7  | Surcharged |
| CP6.005  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S18     | S19     | 63.800 | 63.189 | 0.225 | 68.851 | 1.4 | 1.43 | 55.7  | Surcharged |
| CP6.006  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S19     | S20     | 64.679 | 63.036 | 0.297 | 87.434 | 1.0 | 0.82 | 68.4  | Surcharged |
| CP13.001 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S22 (2) | S20     | 63.800 | 62.992 | 0.225 | 15.578 | 0.2 | 0.19 | 9.2   | Surcharged |
| CP7.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP2     | S14     | 64.125 | 63.677 | 0.150 | 12.974 | 0.8 | 0.12 | 8.1   | OK         |
| CP8.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP3     | S15     | 64.190 | 63.740 | 0.150 | 12.611 | 0.5 | 0.11 | 7.9   | OK         |
| CP9.000  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | PP4     | S16     | 64.190 | 63.761 | 0.150 | 11.897 | 2.4 | 0.1  | 9.3   | OK         |
| CP10.000 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP5     | S17     | 64.340 | 63.903 | 0.150 | 14.477 | 0.5 | 0.09 | 8.8   | OK         |
| CP11.000 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP6     | S18     | 64.389 | 63.939 | 0.150 | 22.638 | 1.7 | 0.13 | 11.9  | Surcharged |
| CP12.000 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP7     | S19     | 64.509 | 64.071 | 0.150 | 24.529 | 1.1 | 0.14 | 12.5  | Surcharged |
| CP13.000 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP8     | S22 (2) | 64.509 | 64.015 | 0.135 | 15.588 | 0.9 | 0.09 | 9.2   | OK         |

|                                                                    |  |                                 |             |              |
|--------------------------------------------------------------------|--|---------------------------------|-------------|--------------|
| Project:                                                           |  | Date:<br>20/08/2025             |             |              |
|                                                                    |  | Designed by:<br>PranitaShrestha | Checked by: | Approved By: |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |  | Company Address:                |             |              |



|          |                                           |      |               |             |        |        |       |        |     |      |      |            |
|----------|-------------------------------------------|------|---------------|-------------|--------|--------|-------|--------|-----|------|------|------------|
| CP16.001 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S34           | S33         | 64.910 | 63.075 | 0.134 | 27.380 | 0.9 | 0.62 | 11.0 | OK         |
| CP16.002 | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S33           | S32         | 64.780 | 62.999 | 0.150 | 27.351 | 0.8 | 0.65 | 11.3 | Surcharged |
| CP14.002 | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S32           | SOAKA WAY 2 | 64.700 | 62.980 | 0.150 | 35.177 | 1.6 | 1.56 | 27.7 | Surcharged |
| CP14.000 | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe | S30           | S31         | 64.330 | 63.522 | 0.150 | 5.045  | 0.5 | 0.45 | 8.1  | Surcharged |
| CP14.001 | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe | S31           | S32         | 64.480 | 63.480 | 0.150 | 12.197 | 1.2 | 1.15 | 20.5 | Surcharged |
| CP5.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP9           | S29         | 65.129 | 64.648 | 0.052 | 17.684 | 2.6 | 0.27 | 10.0 | Surcharged |
| CP5.001  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S29           | S27         | 63.940 | 63.164 | 0.123 | 17.676 | 0.7 | 0.37 | 10.0 | OK         |
| CP1.005  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S27           | S28 (1)     | 63.970 | 63.150 | 0.187 | 92.373 | 1.3 | 0.87 | 45.4 | OK         |
| CP1.004  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S26           | S27         | 64.450 | 63.480 | 0.150 | 74.727 | 2.1 | 1.1  | 36.6 | Surcharged |
| CP1.003  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S25           | S26         | 64.080 | 63.703 | 0.150 | 57.930 | 1.6 | 1.64 | 27.7 | Surcharged |
| CP1.001  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S23           | S24         | 64.450 | 63.880 | 0.150 | 23.532 | 0.8 | 0.33 | 10.5 | Surcharged |
| CP15.000 | MY FSR: 100 years: +20 %: 15 mins: Summer | Pipe | Porous Paving | S31         | 64.563 | 64.162 | 0.150 | 1.114  | 0.4 | 0.03 | 2.1  | OK         |
| CP1.002  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S24           | S25         | 64.200 | 63.851 | 0.150 | 41.970 | 1.1 | 1.09 | 20.3 | Surcharged |
| CP1.006  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | S28 (1)       | SOAKA WAY 2 | 64.440 | 62.923 | 0.177 | 92.329 | 1.4 | 0.87 | 45.4 | OK         |
| CP6.008  | MY FSR: 100 years: +20 %: 30 mins: Summer | Pipe | S21           | SOAKA WAY 2 | 63.920 | 62.931 | 0.239 | 98.897 | 1.3 | 0.91 | 77.7 | OK         |
| CP2.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP12          | S24         | 64.749 | 64.273 | 0.150 | 18.465 | 0.8 | 0.13 | 10.4 | OK         |
| CP3.000  | MY FSR: 100 years: +20 %: 60 mins: Summer | Pipe | PP11          | S25         | 64.749 | 64.301 | 0.150 | 15.981 | 0.6 | 0.1  | 8.6  | Surcharged |

|                                                                    |                     |                  |              |
|--------------------------------------------------------------------|---------------------|------------------|--------------|
| Project:                                                           | Date:<br>20/08/2025 |                  |              |
|                                                                    | Designed by:        | Checked by:      | Approved By: |
|                                                                    | PranitaShrestha     |                  |              |
| Report Details:<br>Type: Connections Summary<br>Storm Phase: Phase |                     | Company Address: |              |



|         |                                                    |      |      |     |        |        |       |        |     |      |      |            |
|---------|----------------------------------------------------|------|------|-----|--------|--------|-------|--------|-----|------|------|------------|
| CP4.000 | MY FSR: 100<br>years: +20 %:<br>60 mins:<br>Summer | Pipe | PP10 | S26 | 65.129 | 64.689 | 0.150 | 16.815 | 0.8 | 0.08 | 8.8  | Surcharged |
| CP6.000 | MY FSR: 100<br>years: +20 %:<br>60 mins:<br>Summer | Pipe | PP1  | S14 | 64.079 | 63.606 | 0.150 | 13.844 | 0.7 | 0.23 | 8.5  | OK         |
| Pipe    | MY FSR: 100<br>years: +20 %:<br>15 mins:<br>Summer | Pipe | S6   | S5  | 65.390 | 64.714 | 0.150 | 10.857 | 1.2 | 0.92 | 21.0 | Surcharged |