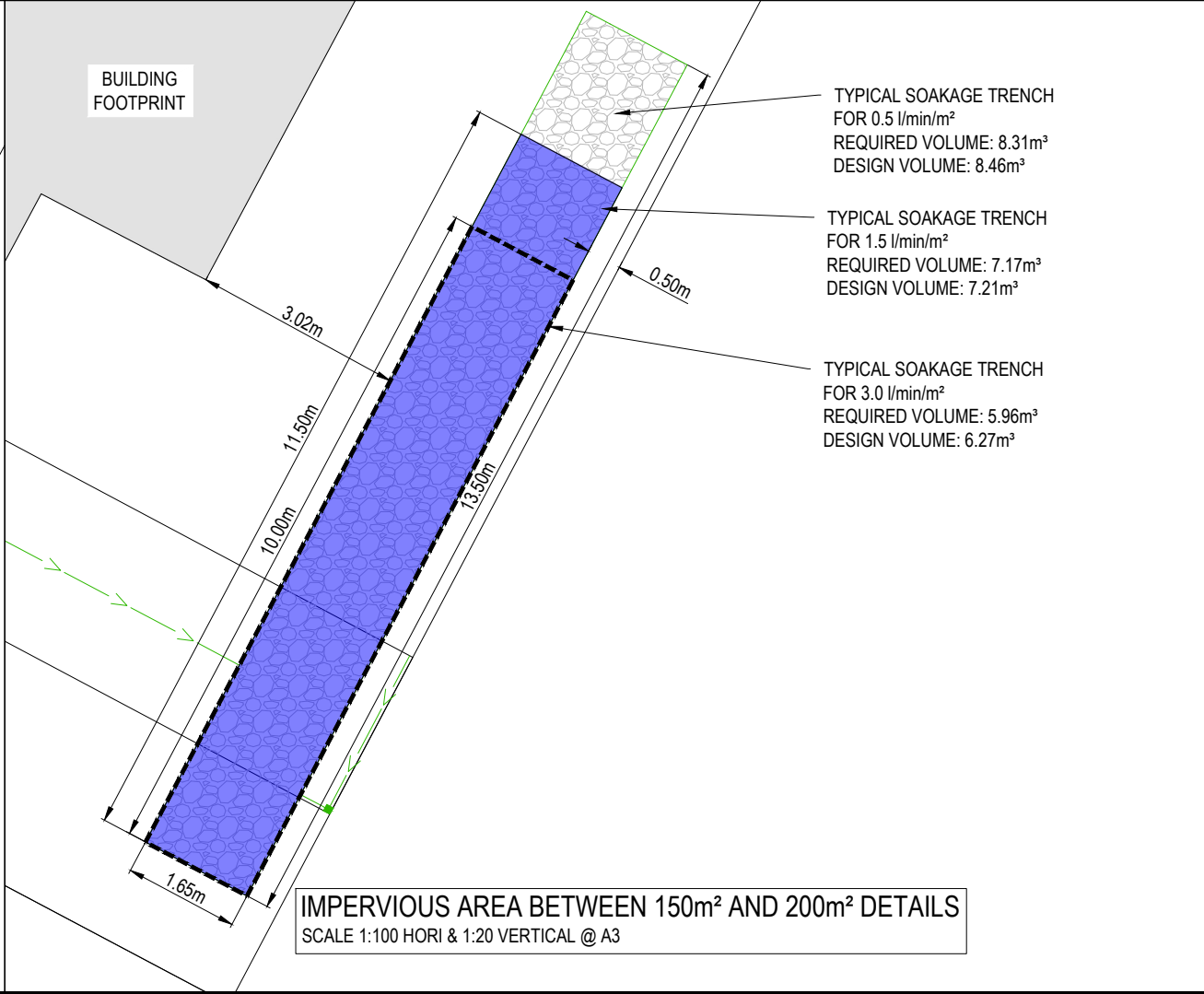
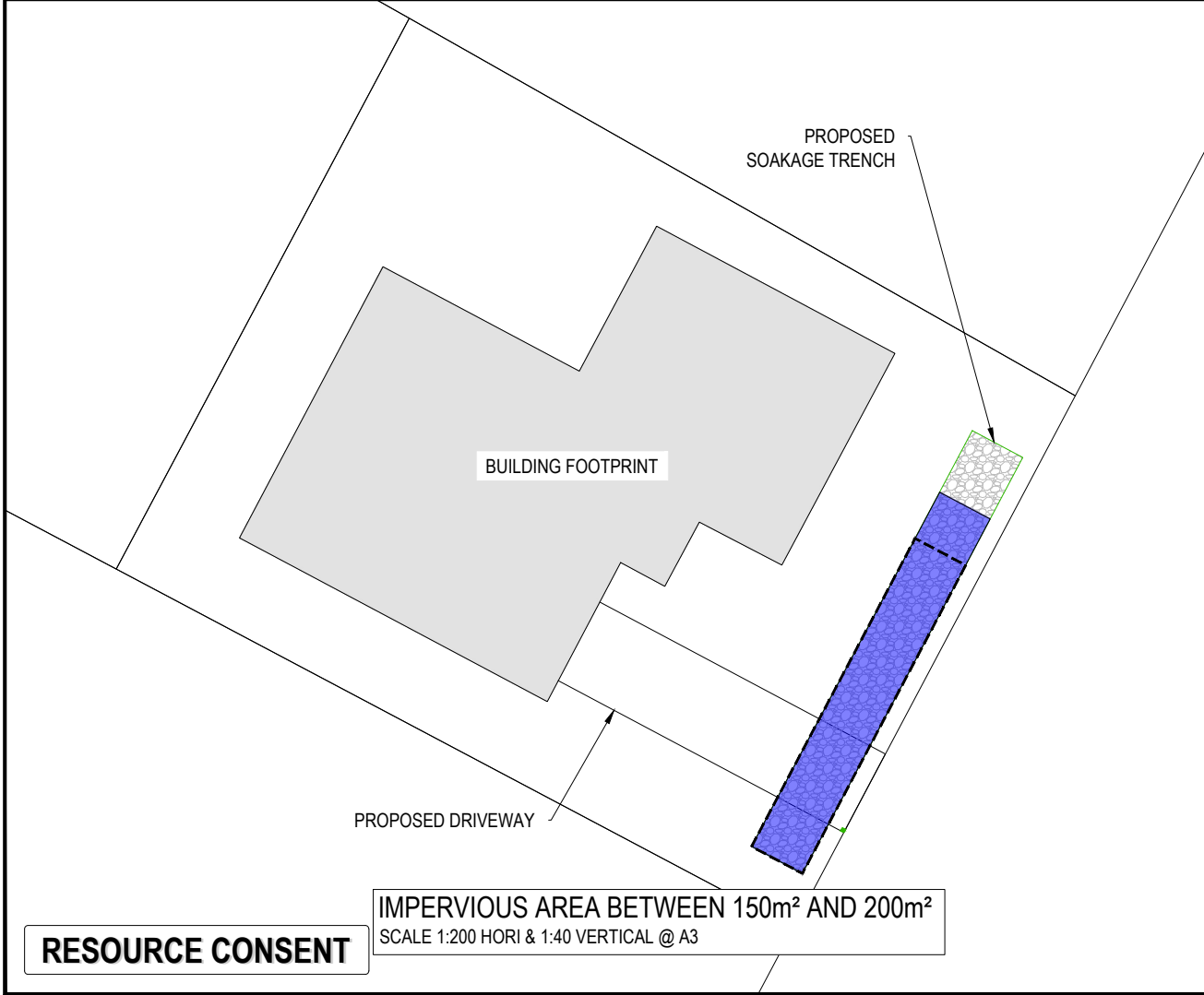


Notes

1. Site specific testing is required at Building Consent to determine the soakage rate and optimal soakage trench location.
2. On-lot soakage trench size is to be determined using the attached table by selecting the appropriate impervious area and corresponding soakage rate.
3. Invert of soakage device must be above the winter groundwater table.
4. Sizing is based on assumed depth of 1m. If 2m depth is chosen, the area of the soakage device can be halved.
5. Soakage trench device is sized to cater for the 10-year ARI event including climate change.
6. Soakage trench must maintain minimum 3m clearance from building footprint in accordance with RITS.
7. Soakage device to be either a soakage trench, soak hole or an approved alternative.
8. Soakage device must be constructed in accordance with the MPDC and Building Consent requirements.

Legend

- SOAKAGE TRENCH - 0.5l/min/m²
- SOAKAGE TRENCH - 1.5l/min/m²
- SOAKAGE TRENCH - 3.0l/min/m²



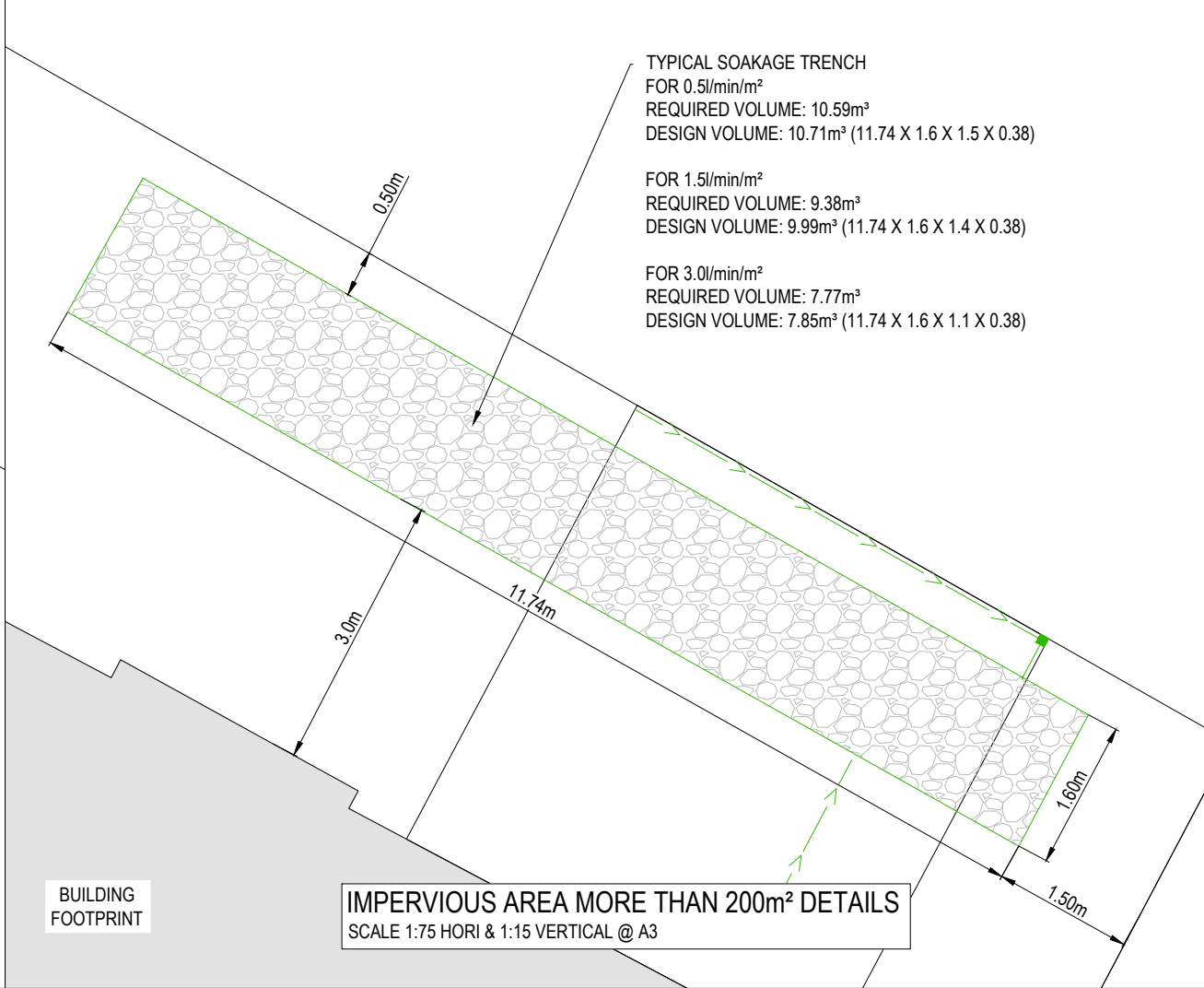
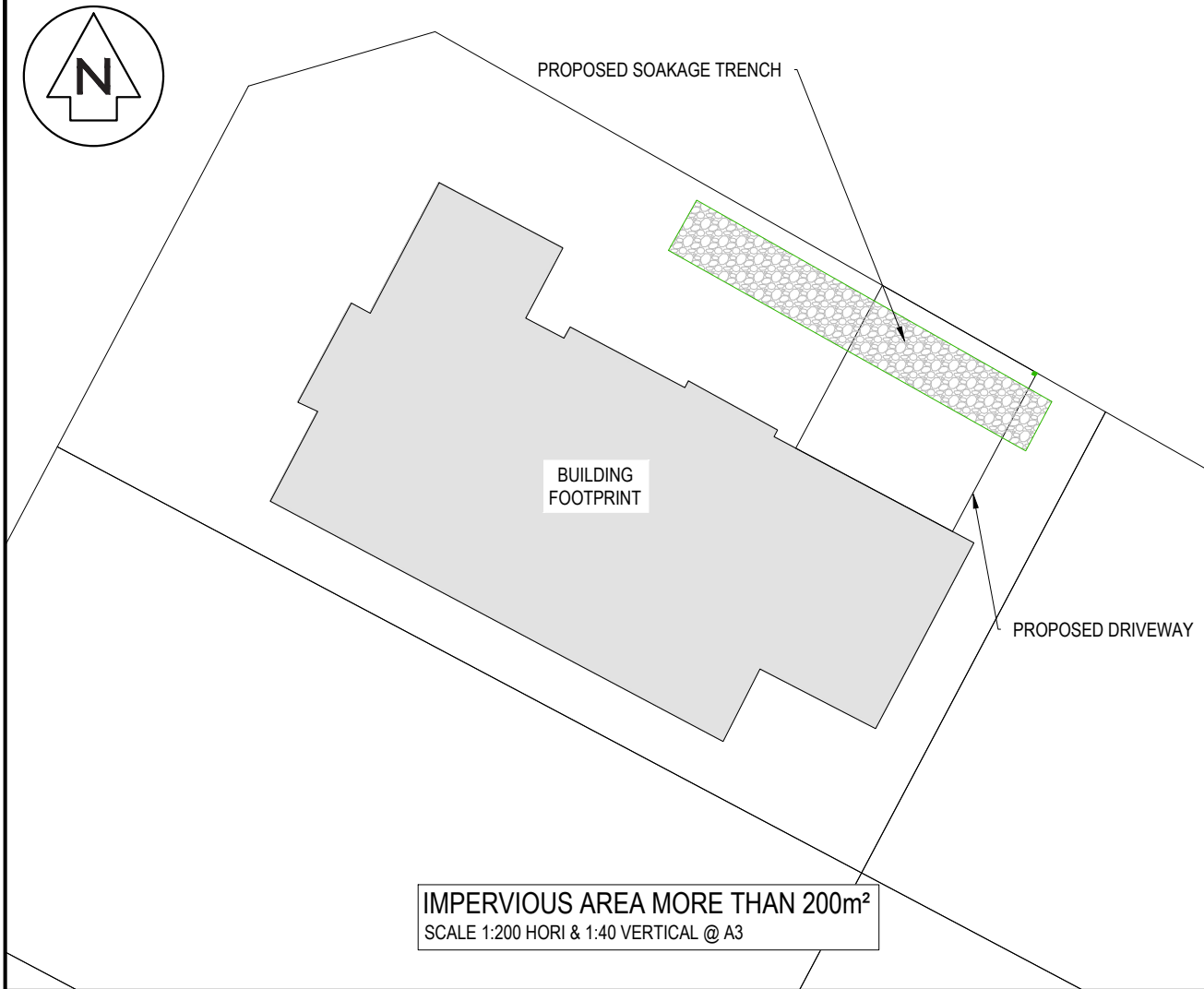
B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2024
Design	MKS		03/2025
Drawn	MKS		03/2025
Checked	DJM		06/2025

M Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
**ASHBOURNE
RESIDENTIAL
FOR
MATAMATA
DEVELOPMENTS LTD**

Title
**PROPOSED
STORMWATER ON-LOT
TYPICAL PLAN**

Project no.	289001
Scale	AS SHOWN
Cad file	C470-SW ON-LOT TYP PLAN.DWG
Drawing no.	C470-1
Rev	B



- Notes
1. Site specific testing is required at Building Consent to determine the soakage rate and optimal soakage trench location.
 2. On-lot soakage trench size is to be determined using the attached table by selecting the appropriate impervious area and corresponding soakage rate.
 3. Invert of soakage device must be above the winter groundwater table.
 4. Soakage trench device is sized to cater for the 10-year ARI event including climate change.
 5. Soakage trench must maintain minimum 3m clearance from building footprint in accordance with RITS.
 6. Soakage device to be either a soakage trench, soak hole or an approved alternative.
 7. Soakage device must be constructed in accordance with the MPDC and Building Consent requirements.

Legend

- SOAKAGE TRENCH - 0.5l/min/m²
- SOAKAGE TRENCH - 1.5l/min/m²
- SOAKAGE TRENCH - 3.0l/min/m²

B	FAST TRACK APP	MKS	06/2025
A	FAST TRACK APP	MKS	04/2025
Rev	Description	By	Date
	By	Date	
Survey	MAVEN	05/2024	
Design	MKS	03/2025	
Drawn	MKS	03/2025	
Checked	DJM	06/2025	

M Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
**ASHBOURNE
RESIDENTIAL
FOR
MATAMATA
DEVELOPMENTS LTD**

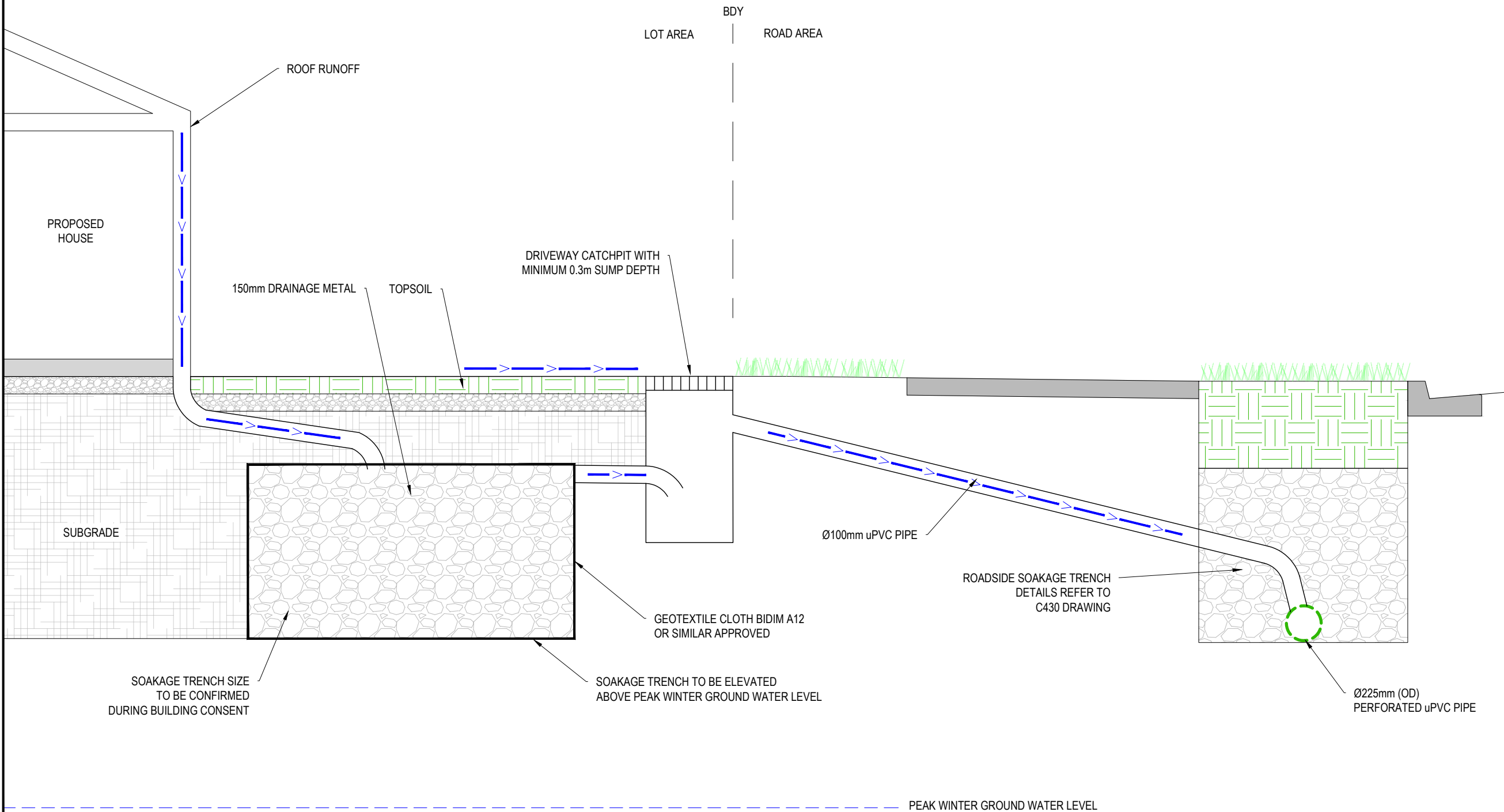
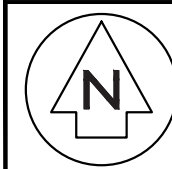
Title
**PROPOSED
STORMWATER ON-LOT
TYPICAL PLAN**

Project no.	289001		
Scale	AS SHOWN		
Cad file	C470-SW ON-LOT TYP PLAN.DWG		
Drawing no.	C470-2	Rev	B

ON-LOT SOAKAGE TRENCH TABLE			
ON-LOT SOAKAGE TRENCH SIZE REQUIREMENT	SOAKAGE RATE (l / min / m ²)		
IMPERVIOUS AREA (m ²)	0.5 < 1.5	1.5 - 3.0	> 3.0
< 150	6.49m ³	5.56m ³	4.64m ³
150 - 200	8.46m ³	7.21m ³	6.27m ³
200 - 250	10.71m ³	9.99m ³	7.85m ³

RESOURCE CONSENT

ON-LOT SOAKAGE TRENCH TABLE
SCALE: NTS



- Notes
1. Site specific testing is required at Building Consent to determine the soakage rate and optimal soakage trench location.
 2. On-lot soakage trench size is to be determined using the attached table by selecting the appropriate impervious area and corresponding soakage rate.
 3. Invert of soakage device must be above the winter groundwater table.
 4. Soakage trench device is sized to cater for the 10-year ARI event including climate change.
 5. Soakage trench must maintain minimum 3m clearance from building footprint in accordance with RITS.
 6. Soakage device to be either a soakage trench, soak hole or an approved alternative.
 7. Soakage device must be constructed in accordance with the MPDC and Building Consent requirements.
 8. If soakage is not viable due to low soakage rate, detention tank to be proposed.

B	FAST TRACK APP	MKS	05/2025
A	FAST TRACK APP	MKS	04/2025
Rev	Description	By	Date
		By	Date
Survey	MAVEN		05/2024
Design	MKS		04/2025
Drawn	MKS		04/2025
Checked	DJM		05/2025



Maven Associates
09 571 0050
info@maven.co.nz
www.maven.co.nz
5 Owens Road, Epsom
Auckland 1023

Project
**ASHBOURNE
RESIDENTIAL
FOR
MATAMATA
DEVELOPMENTS LTD**

Title
**PROPOSED
STORMWATER ON-LOT
TYPICAL CROSS-SECTION**

Project no.	289001		
Scale	1:25 @ A3		
Cad file	C470-SW ON-LOT TYP PLAN.DWG		
Drawing no.	C470-3	Rev	B

RESOURCE CONSENT