



1. REFER TO MAVEN FLOODING REPORT FOR HAZARD MAPPING DETAILS
2. 5% AEP POST-DEVELOPMENT WITHOUT CLIMATE CHANGES
3. SITE POST-DEVELOPMENTS AND OUTSIDE SITE MPD

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS
  2. PIPE BEDDING: 0 - 10% GRANULAR BEDDING; 10 - 20% WEAK CONCRETE BEDDING; GREATER THAN 20% WEAK CONCRETE BEDDING: DPM PLUS ANTI SCOUR BLOCKS AT 6m CRS
  3. EACH CONNECTION SHALL BE MARKED BY A 50mm x 50mm TREATED PINE STAKE EXTENDING 600mm ABOVE GROUND LEVEL WITH THE TOP PAINTED THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPE LAYING AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON 'AS BUILT' PLANS
  4. APPROVED HANDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS
  5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICED AREAS
  6. ALL MANHOLES ARE TO BE 1500mm PRECAST CONCRETE UNLESS SHOWN OTHERWISE
  7. ALL CATCHPIT LEADS ARE 250mm DIAMETER AND SHALL HAVE MIN COVER 1.0m
  8. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TAPPING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF
  9. ALL LOT CONNECTION TO BE MIN 100mm uPVC S16 UNLESS SHOWN OTHERWISE
  10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S16 UNLESS SHOWN OTHERWISE

- LEGEND
- EX BOY
  - PR BOY
  - DS STORMWATER
  - PR STORMWATER ROAD
  - PR 100-YEAR FLOOD EXTENT

A		SECTION 53	SP	10/2025
Rev	Revisions	By	By	Date
Survey	LDAR			03/2024
Design	RH			09/2025
Drawn	SP			09/2025
Checked	RH			10/2025



Project  
**DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP**

Title  
**RETIREMENT VILLAGE 5% AEP POST DEVELOPMENT FLOOD PLAN**

Project no.	147016
Scale	1:5000 @ A1
Cad file	W10164141-C475-4B-FLOOD-2025-POST.DWG
Drawing no.	C475-EB-0
Rev	

DRAFT FOR REVIEW





1. ALL WORKS TO BE IN ACCORDANCE WITH AUDIOLINK AND COUNCIL STANDARDS.
2. ALL LINES TO BE 100mm GRANULAR BEDDED TO 20% WASTE CONCRETE BEDDING GREATER THAN 10% WASTE CONCRETE BEDDING (MPK PLUS) AND 50mm R.C.
3. EACH CONNECTION SHALL BE MARKED BY A 50mm x 100mm STAINED PINE STRAKE EXTENDING 600mm FROM THE END OF THE LINE TO BE MARKED. THIS MARKER POSTER SHALL BE PLACED ALONGSIDE A TRIMMER MARKER INSTALLED BELOW THE FINISHED GRADE OF THE CONNECTIONS FROM THE CONNECTION TO 150mm BELOW THE TIME OF THE CONNECTION SHALL BE ACCURATELY RECORDED ON THE CONNECTION LOG.
4. APPROVED HARDWARE IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO CROSS THE COUNCIL ROAD.
5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICED AREAS.
6. ALL LINES ARE TO BE 150mm Ø PRECAST CONCRECTIONS UNLESS SHOWN OTHERWISE.
7. ALL CATCH LINES ARE 250mm DIAMETER AND 150mm DEEP UNLESS SHOWN OTHERWISE.
8. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END, TYPING OF ALL SEALING TO BE RECORDED ON THE CONNECTION LOG.
9. ALL LOT CONNECTION TO BE MIN 100mm Ø PVCu S1616 UNLESS SHOWN OTHERWISE.
10. ALL ROOF WATER RUNOFF PIPE TO BE 150 Ø PVCu UNLESS SHOWN OTHERWISE.

LEGEND

- EX BOY
- PR BDY
- EX STORMWATER
- PR STORMWATER ROAD
- PR 100-YEAR FLOOD EXTENT

A	SECTION 53	SP	10/2025
Ref	Revisions	By	Date
	By	Date	
Survey	LIDAR	03/2024	
Design	KH	09/2025	
Drawn	SP	09/2025	
Checked	RW	10/2025	

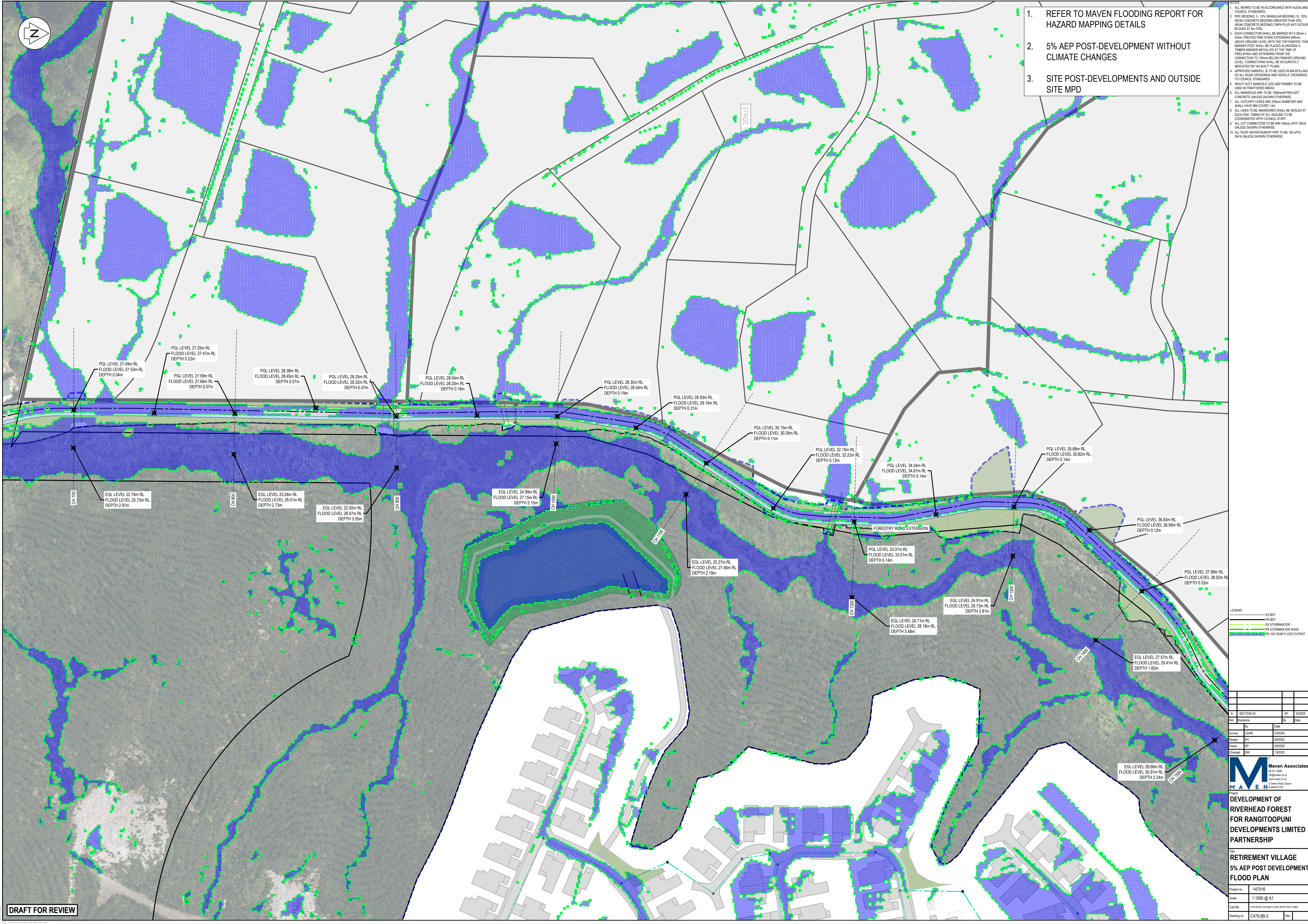


**DEVELOPMENT OF  
RIVERHEAD FOREST  
FOR RANGITOOPUNI  
DEVELOPMENTS LIMITED  
PARTNERSHIP**

**RETIREMENT VILLAGE**  
**5% AEP POST DEVELOPMENT**  
**FLOOD PLAN**

Project no.	147016		
Scale	1:1000 @ A1		
Cad file	147016-RV-C475-6B FLOOD 201R POST.DWG		
Drawing no.	C475-6B-1	Rev	





1. REFER TO MAVEN FLOODING REPORT FOR HAZARD MAPPING DETAILS
2. 5% AEP POST-DEVELOPMENT WITHOUT CLIMATE CHANGES
3. SITE POST-DEVELOPMENTS AND OUTSIDE SITE MPD

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS
  2. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING GREATER THAN 20% WEAK CONCRETE BEDDING (DIPA PLUS ANTI SCOUR BLOCKS AT 6m CRS)
  3. EACH CONNECTION SHALL BE MARKED BY A 50mm x 50mm TREATED PINE STAKE EXTENDING 600mm ABOVE GROUND LEVEL WITH THE TOP PAINTED THIS MARKER POST SHALL BE PLACED ALONGSIDE A TIMBER MARKER INSTALLED AT THE TIME OF PIPELAYING AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON 'AS BUILT' PLANS.
  4. APPROVED HANDRL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS
  5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICED AREAS
  6. ALL MANHOLES ARE TO BE 150mmHD PRECAST CONCRETE UNLESS SHOWN OTHERWISE
  7. ALL CATCHPIT LEADS ARE 25mm DIAMETER AND SHALL HAVE MIN COVER 1.0m
  8. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TAPPING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
  9. ALL LOT CONNECTION TO BE MIN 100mm uPVC S16 UNLESS SHOWN OTHERWISE
  10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S16 UNLESS SHOWN OTHERWISE

- LEGEND
- EX BOY
  - PR BOY
  - EX STORMWATER
  - PR STORMWATER ROAD
  - PR 100 YEAR FLOOD EXTENT

A SECTION 53		SP	10/2025
Rev	Revisions	By	Date
Curry	LDAR		02/2024
Design	RH		09/2025
Drawn	SP		09/2025
Checked	RH		10/2025



Project  
**DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP**

Title  
**RETIREMENT VILLAGE 5% AEP POST DEVELOPMENT FLOOD PLAN**

Project no.	147016
Scale	1:1000 @ A1
Client	107016-RV-C475-48-FLOOD-2016-POST-DRG
Drawing no.	C475-EB-2
Rev	



