



1. REFER TO MAVEN FLOODING REPORT FOR HAZARD MAPPING DETAILS
2. 10% AEP POST DEVELOPMENT WITHOUT CLIMATE CHANGE
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: DMPA 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 PRELAYSING AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS
 4. APPROVED SANDFILL 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 S/N16 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S/N16 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		
Check	SP	09/2025		
Check	RH	10/2025		

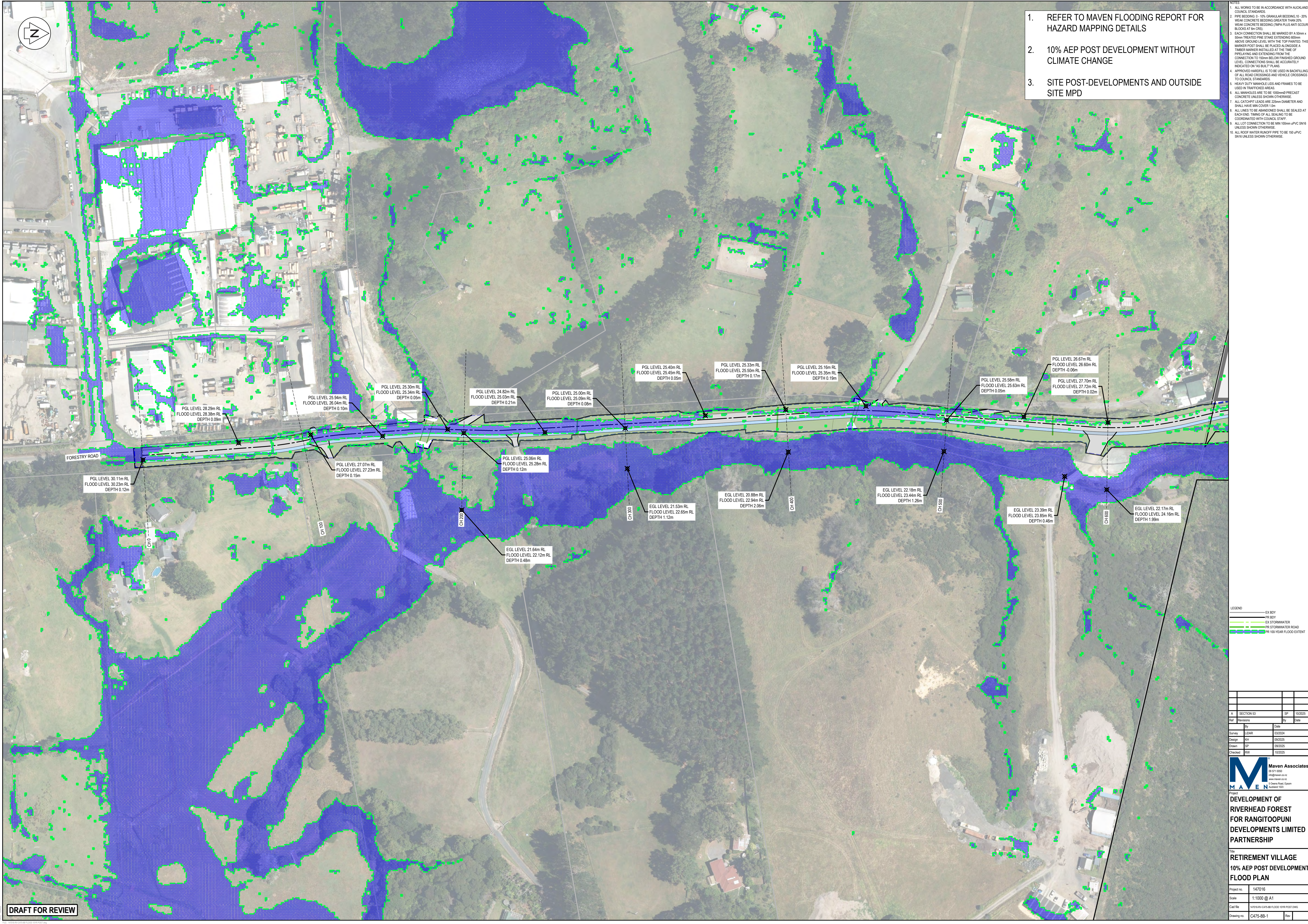


DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

10% AEP POST DEVELOPMENT
OVERVIEW PLAN

Project no.	147016
Scale	1:5000 @ A1
Cad file	W10164141-C475-48-FLOOD-10% POST.DWG
Drawing no.	C475-BB-0
Rev	

DRAFT FOR REVIEW



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 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 MANHOLE 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 CATCHPIPS 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 S/N16 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 UPVC S/N16 UNLESS SHOWN OTHERWISE

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

A SECTION 53		SP	10/2025
Rev	Revisions	By	Date
1	By	Date	
Survey	LDAR	03/2024	
Design	RH	08/2025	
Check	SP	08/2025	
Checked	RH	10/2025	

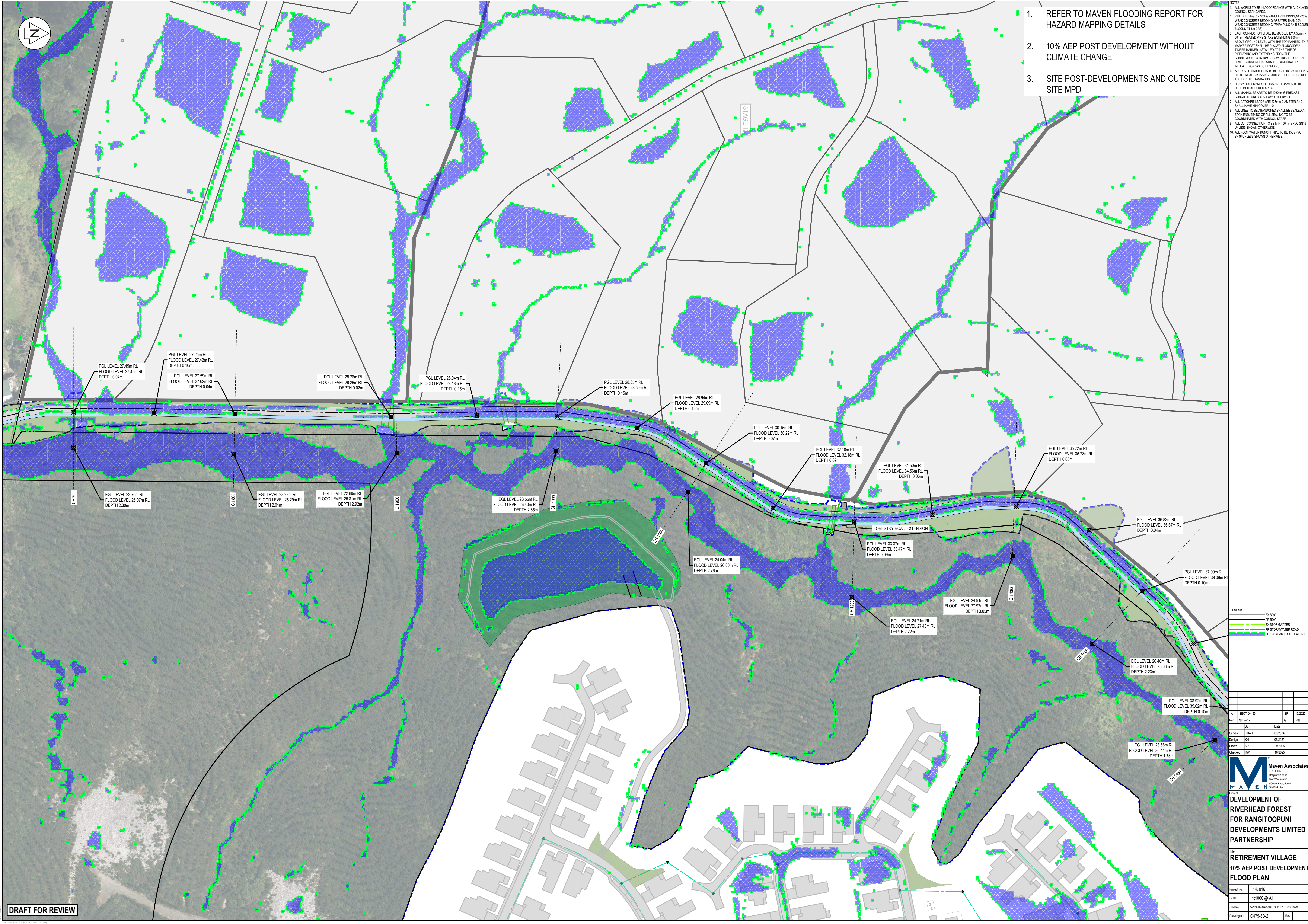
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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE 10% AEP POST DEVELOPMENT FLOOD PLAN

Project no.	147016
Scale	1:1000 @ A1
Cad file	WTP16-447-448-FLOOD-10% POST.DWG
Drawing no.	C475-BB-1
Rev	

DRAFT FOR REVIEW



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 4. APPROVED HANDBILL 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 150mm 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 S/N16 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S/N16 UNLESS SHOWN OTHERWISE

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

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

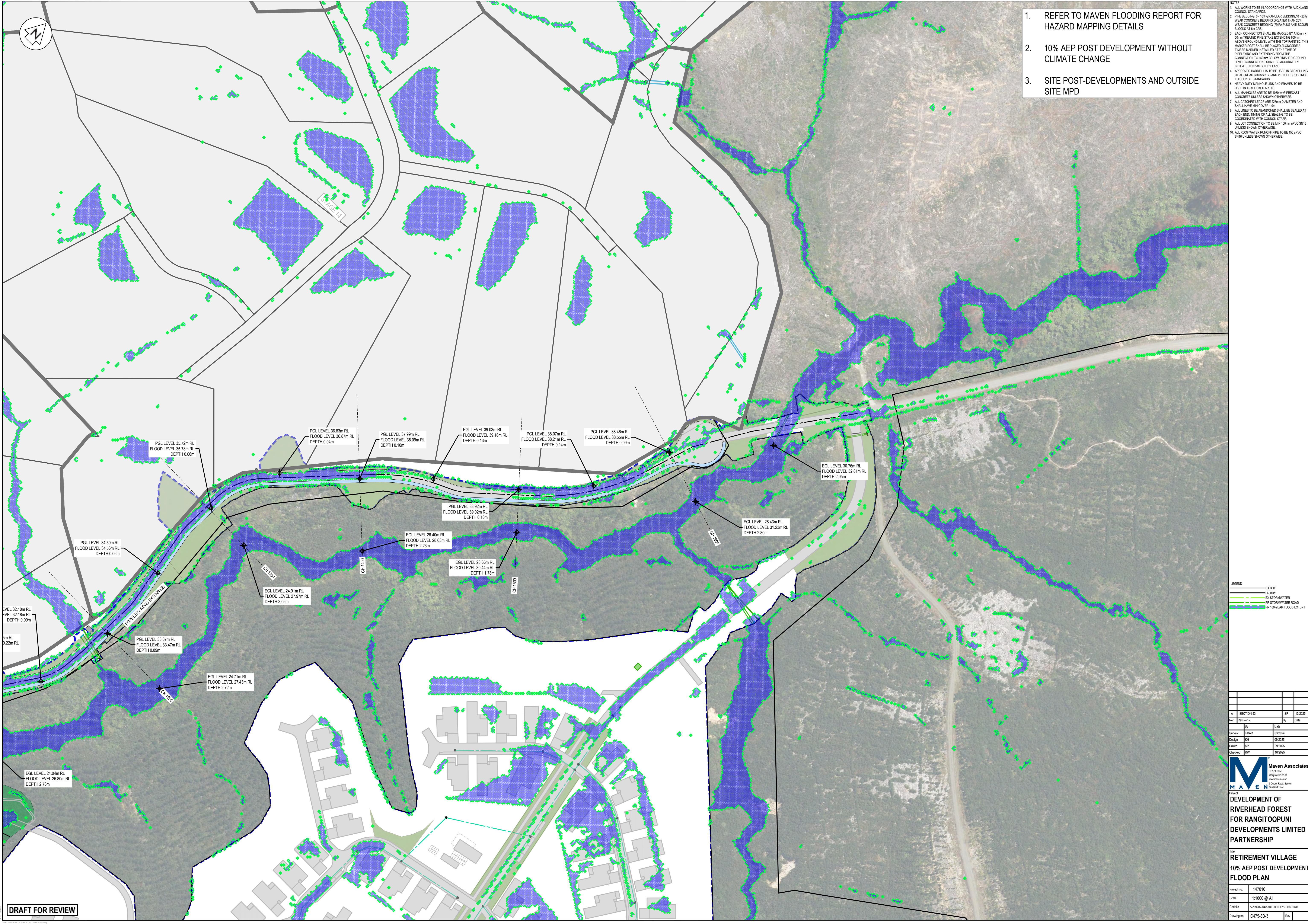
Maven Associates
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3 Chene Road, Epsom
Auckland 1052

Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE 10% AEP POST DEVELOPMENT FLOOD PLAN

Project no.	147016
Scale	1:1000 @ A1
Client	107016-RV-C475-BB-2 FLOOD 10% POST DEV
Drawing no.	C475-BB-2
Rev	

DRAFT FOR REVIEW



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 6. ALL MANHOLES ARE TO BE 1500mm PRECAST CONCRETE UNLESS SHOWN OTHERWISE
 7. ALL CATCHPIPS LEADS ARE 25mm DIAMETER AND SHALL HAVE MIN COVER 1.0m
 8. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TANKING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 9. ALL LOT CONNECTION TO BE MIN 100mm uPVC S116 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S116 UNLESS SHOWN OTHERWISE

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

A		SECTION 53	SP	10/2025
Rev	Revisions	By	Date	
1	Survey	LDAR	03/2024	
2	Design	RH	09/2025	
3	Check	SP	09/2025	
4	Check	RH	10/2025	



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RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

10% AEP POST DEVELOPMENT
FLOOD PLAN

Project no.	147016
Scale	1:1000 @ A1
Cad file	107154-RV-C475-48-FLOOD-10% POST.DWG
Drawing no.	C475-8B-3
Rev	