



1. REFER TO MAVEN FLOODING REPORT FOR HAZARD MAPPING DETAILS
2. 10% AEP POST-DEVELOPMENT 2.1 DEGREES (17.2%)
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 HANFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS
 5. HEAVY DUTY MANHOLES 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 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
 - PR BOY
 - PR STORMWATER
 - PR STORMWATER ROAD
 - PR 100-YEAR FLOOD EXTENT

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

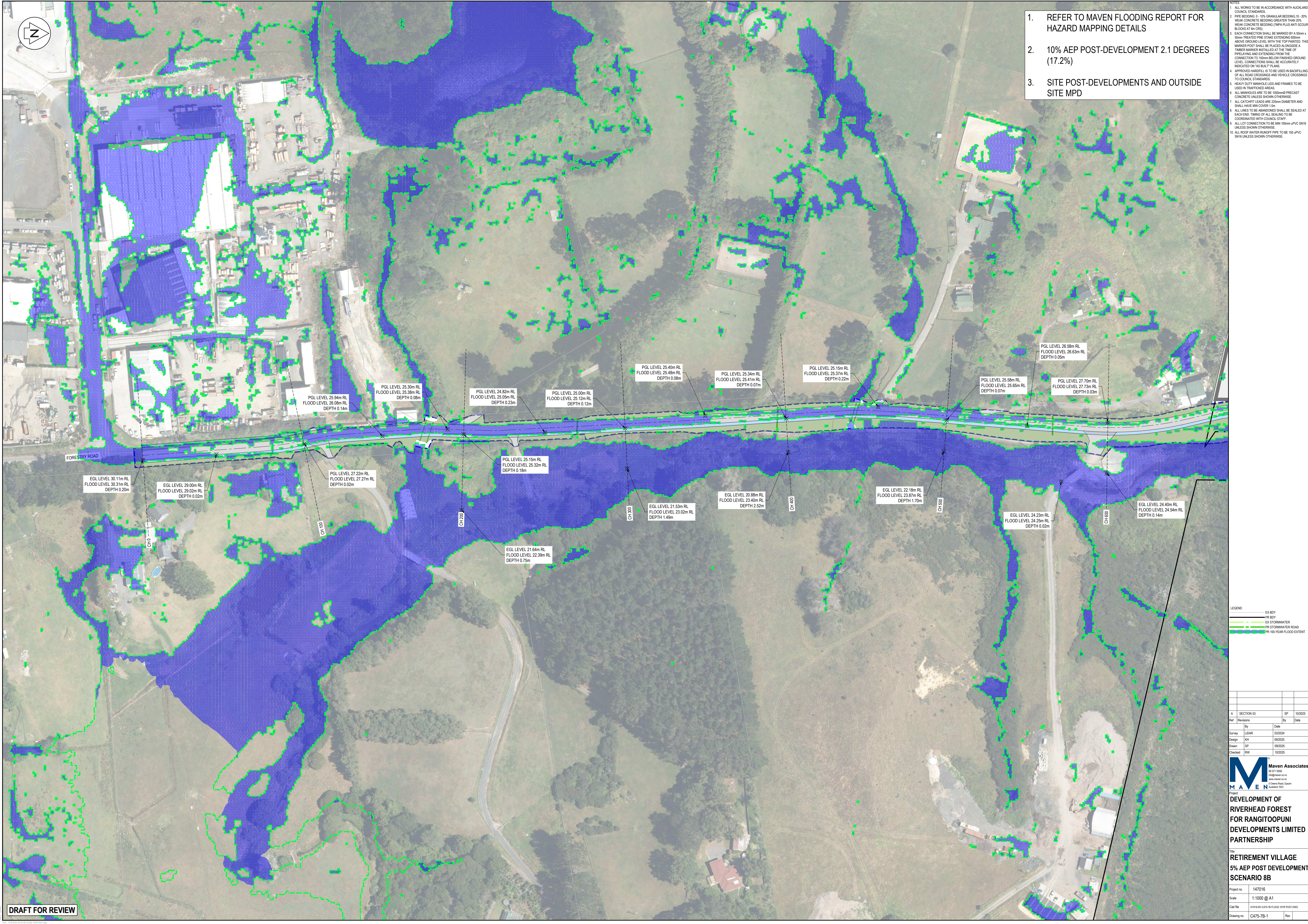


Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**RETIREMENT VILLAGE
5% AEP POST DEVELOPMENT
SCENARIO 8B**

Project no.	147016
Scale	1:5000 @ A1
Cad file	147016-RV-CAT5-16-FLOOD-10%R-POST.DWG
Drawing no.	C475-7B-0
Rev	

DRAFT FOR REVIEW



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 2. PIPE BEDDING: 0 - 10% GRANULAR BEDDING; 10 - 20% WEAK CONCRETE BEDDING; GREATER THAN 20% WEAK CONCRETE BEDDING: 100% 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 HAZARD RL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS
 5. HEAVY DUTY MANHOLES 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 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 S/N6 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 UPVC S/N6 UNLESS SHOWN OTHERWISE

- LEGEND
- EX BOY
 - PR BOY
 - 2% STORMWATER
 - PR STORMWATER ROAD
 - PR 100-YEAR FLOOD EXTENT

Ref	Revisions	By	Date
A	SECTION 53	SP	10/2025

Survey	LOAR	03/2024
Design	KH	09/2025
Drawn	SP	09/2025
Checked	RW	10/2025

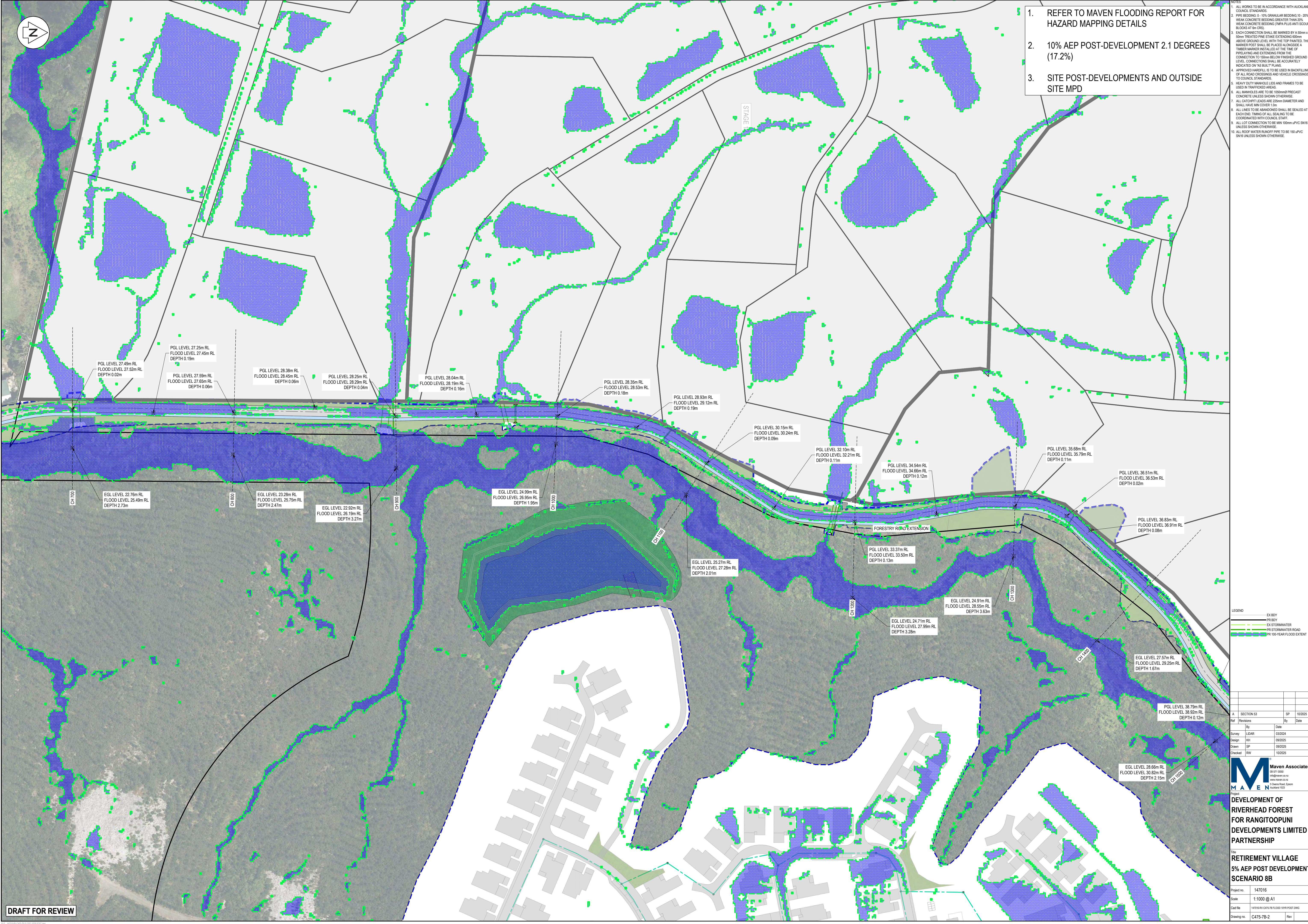
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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE 5% AEP POST DEVELOPMENT SCENARIO 8B

Project no.	147016
Scale	1:1000 @ A1
Cad file	147016-RV-CAT5-16-FLOOD-10%R-POST.DWG
Drawing no.	C475-7B-1
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 PIPELaying AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON 'AS BUILT' PLANS.
 4. APPROVED HANFRL 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 SN16 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC SN16 UNLESS SHOWN OTHERWISE

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

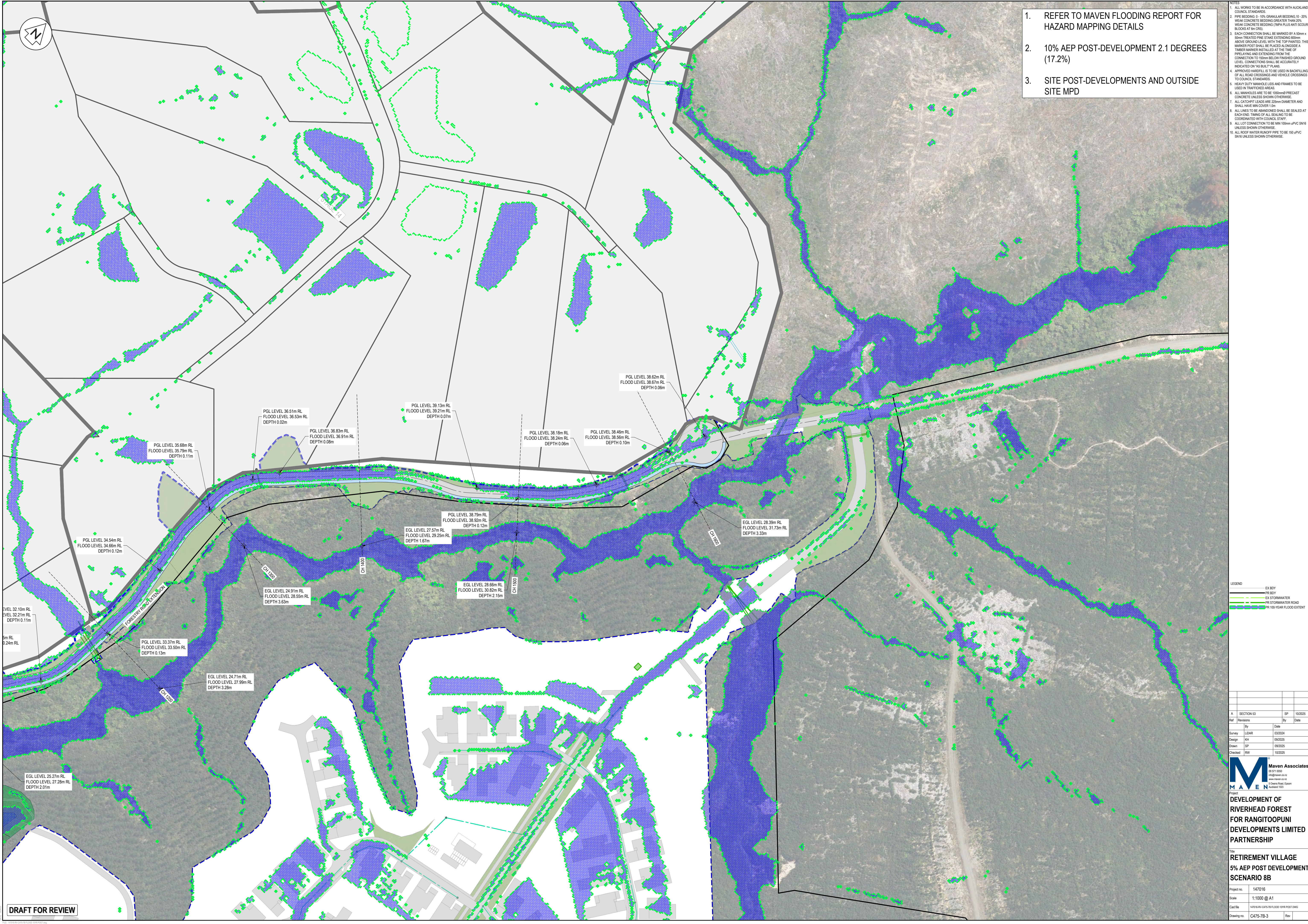
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Title
RETIREMENT VILLAGE 5% AEP POST DEVELOPMENT SCENARIO 8B

Project no. 147016
Scale 1:1000 @ A1
Cadd file 147016-ARV-CADD-147016-10% POST.DWG
Drawing no. C475-TB-2 Rev



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 5. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICED AREAS
 6. ALL MANHOLES ARE TO BE 1000mm PRECAST CONCRETE UNLESS SHOWN OTHERWISE
 7. ALL CATCHPIPS LEADS ARE 250mm DIAMETER AND SHALL HAVE MIN COVER 1.0m
 8. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
 9. ALL LOT CONNECTION TO BE MIN 100mm uPVC S/NB UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 uPVC S/NB UNLESS SHOWN OTHERWISE

- LEGEND
- EX BOY
 - PR BOY
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Ref	Revisions	By	Date
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Title:
RETIREMENT VILLAGE 5% AEP POST DEVELOPMENT SCENARIO 8B

Project no.: 147016

Scale: 1:1000 @ A1

Cad file: 147016-RV-C475-7B-FLOOD 100% POST.DWG

Drawing no.: C475-7B-3

Rev

DRAFT FOR REVIEW