



1. REFER TO MAVEN FLOODING REPORT FOR HAZARD MAPPING DETAILS
2. 10% AEP PRE DEVELOPMENT WITHOUT CLIMATE CHANGE
3. SITE PRE-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 PIPELAYING 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 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
 - EX STORMWATER
 - PR STORMWATER ROAD
 - EX 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	

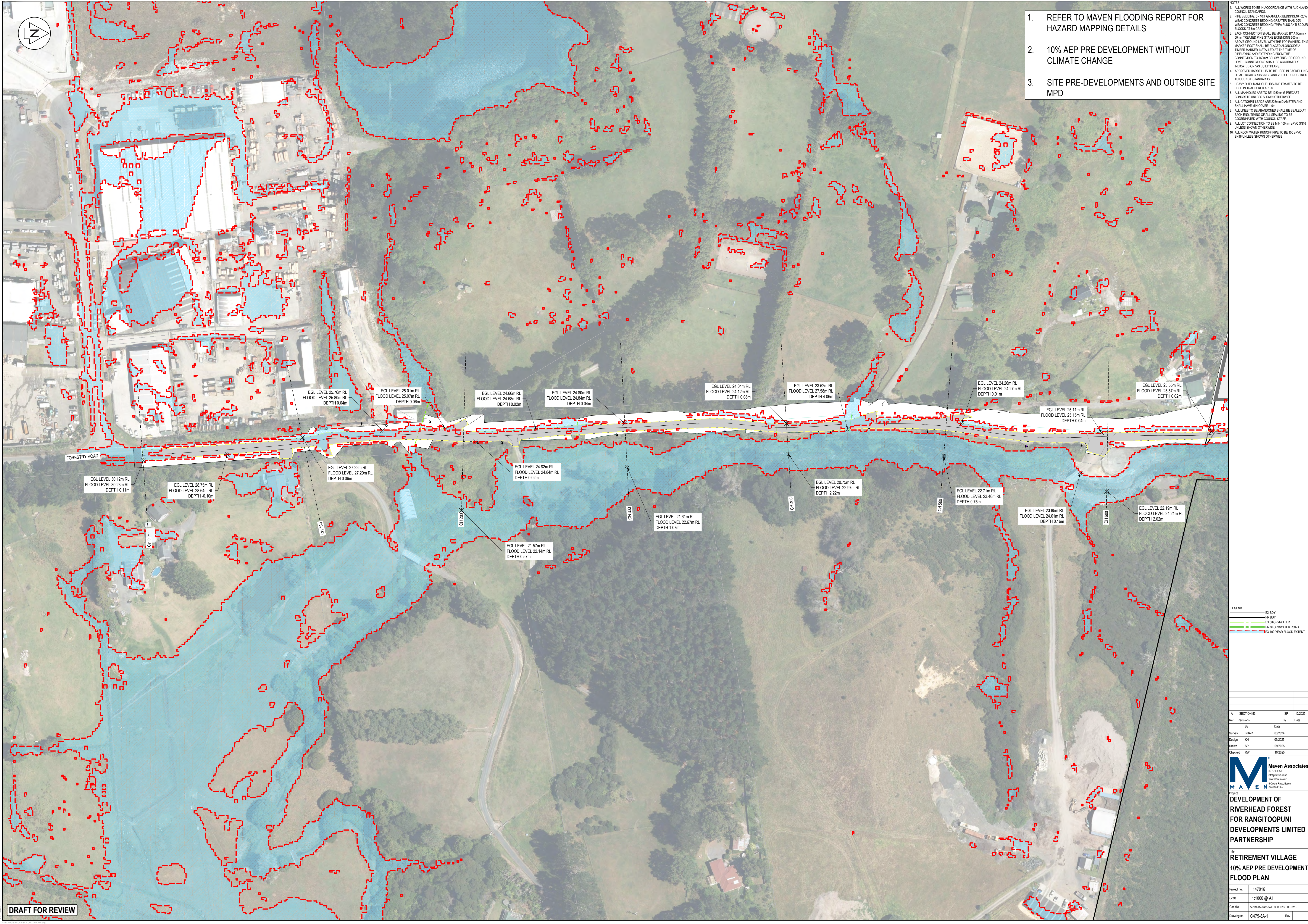


Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

Title
RETIREMENT VILLAGE 10% AEP PRE DEVELOPMENT OVERVIEW PLAN

Project no.	147016
Scale	1:5000 @ A1
Cad file	147016-RV-CAT5-BA-FLOOD-10%PRE.DWG
Drawing no.	CAT5-BA-0
Rev	

DRAFT FOR REVIEW



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 HAZARD LID 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. TIMING 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 BODY
 - PR BODY
 - EX STORMWATER
 - PR STORMWATER ROAD
 - EX 100-YEAR FLOOD EXTENT

Ref	Revisions	By	Date	SP	10/2025
A	SECTION 53				
Survey	LUDAR	03/2024			
Design	KH	08/2025			
Drawn	SP	08/2025			
Checked	RW	10/2025			

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Project
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

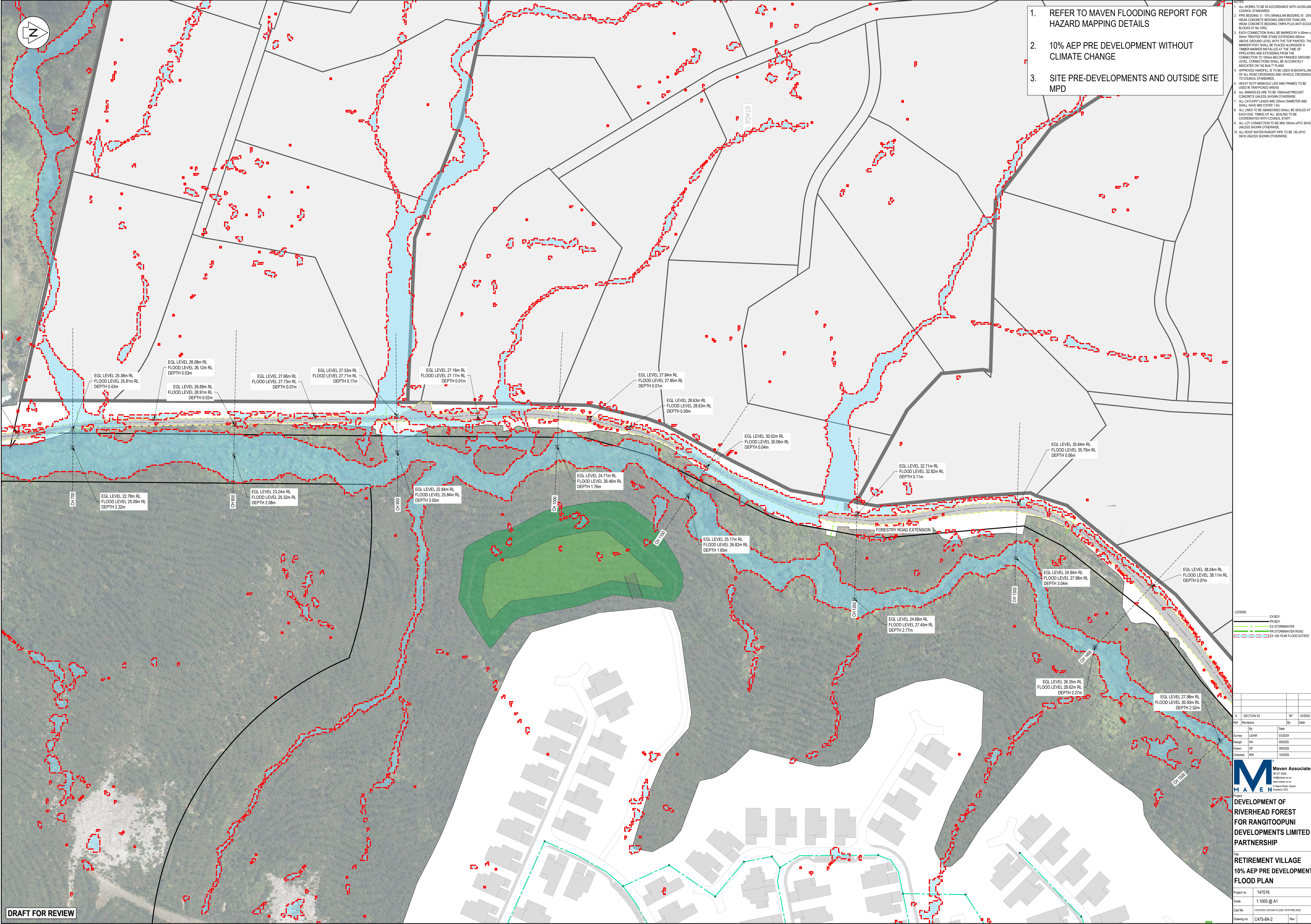
Title
RETIREMENT VILLAGE 10% AEP PRE DEVELOPMENT FLOOD PLAN

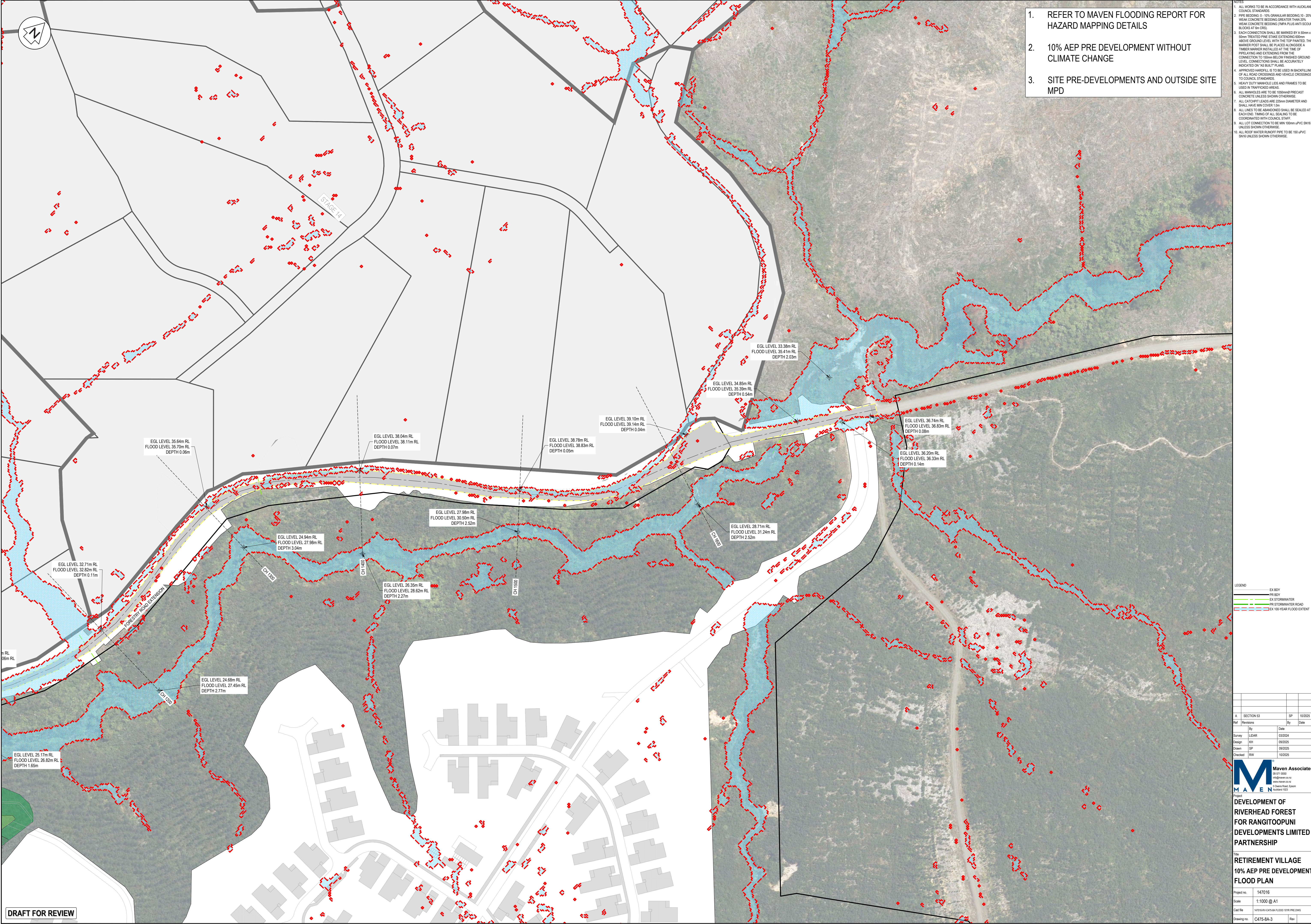
Project no. 147016

Scale 1:1000 @ A1

Cad file 147016-0475-8A-FLOOD 10% PRE.DWG

Drawing no. C475-8A-1 Rev





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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 PRELAYSING AND EXTENDING FROM THE CONNECTION TO 150mm BELOW FINISHED GROUND LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
 4. APPROVED HAWK RILL 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 150mm PRECAST CONCRETE UNLESS SHOWN OTHERWISE
 7. ALL CATCHMENT 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/N16 UNLESS SHOWN OTHERWISE
 10. ALL ROOF WATER RUNOFF PIPE TO BE 150 UPVC S/N16 UNLESS SHOWN OTHERWISE

- LEGEND
- EX BOY
 - EX STORMWATER
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Ref	Revisions	By	Date
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Survey	LUDAR	03/2024
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Project
**DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP**

Title
**RETIREMENT VILLAGE
10% AEP PRE DEVELOPMENT
FLOOD PLAN**

Project no.	147016
Scale	1:1000 @ A1
Client	MAVEN ASSOCIATES
Drawing no.	C475-8A-3