

RESOURCE CONSENT

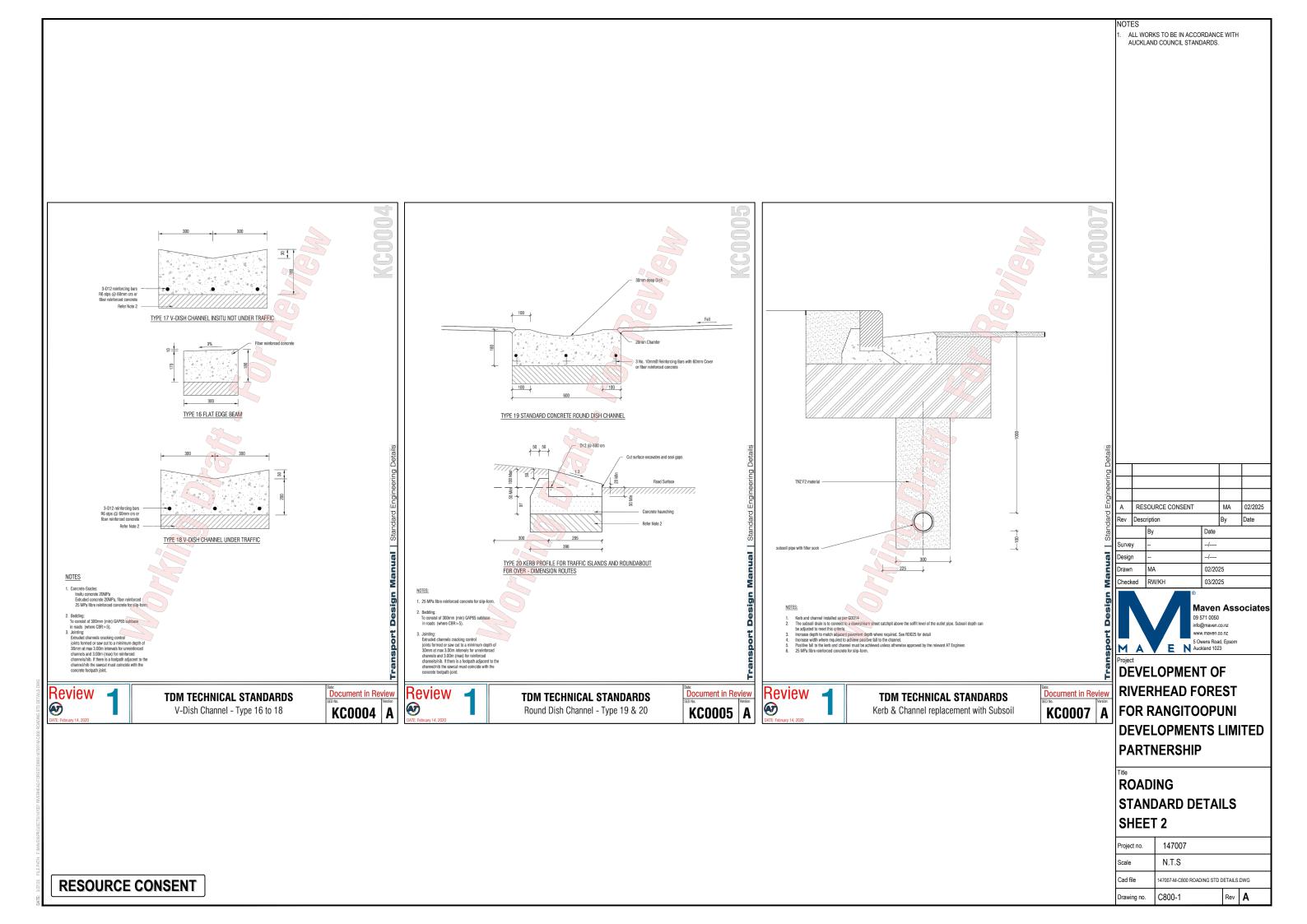
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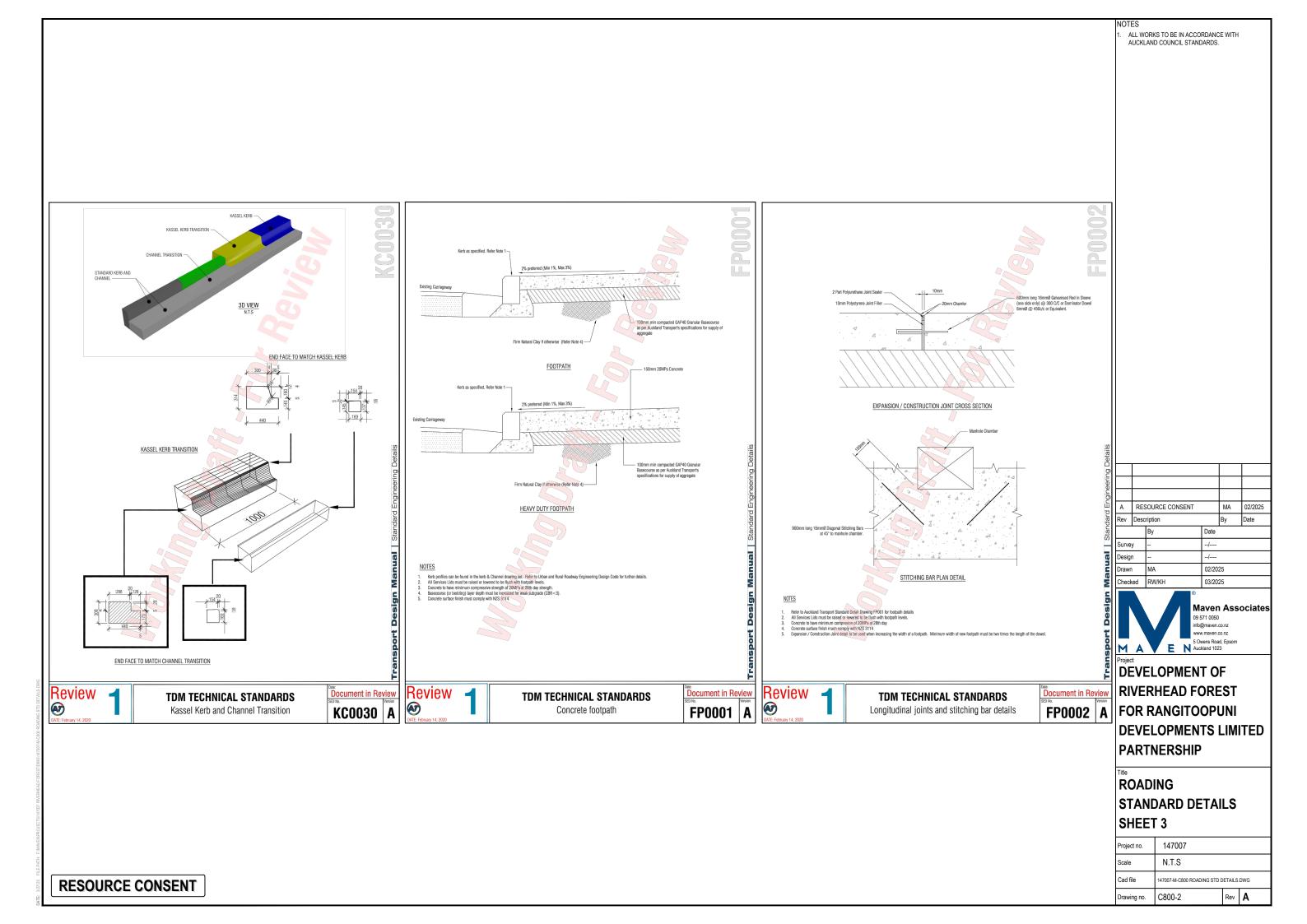
MA 02/2025

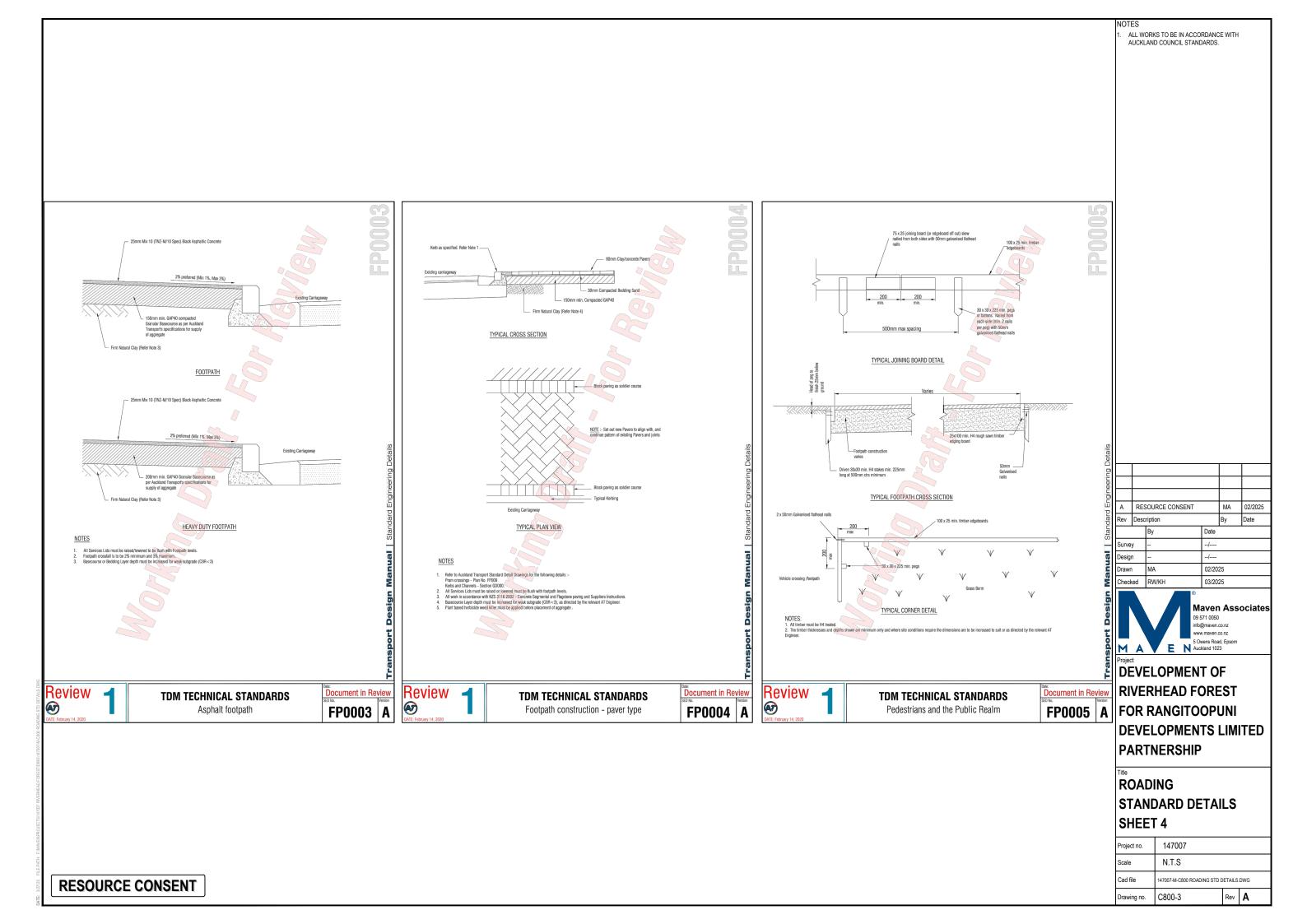
Maven Associates

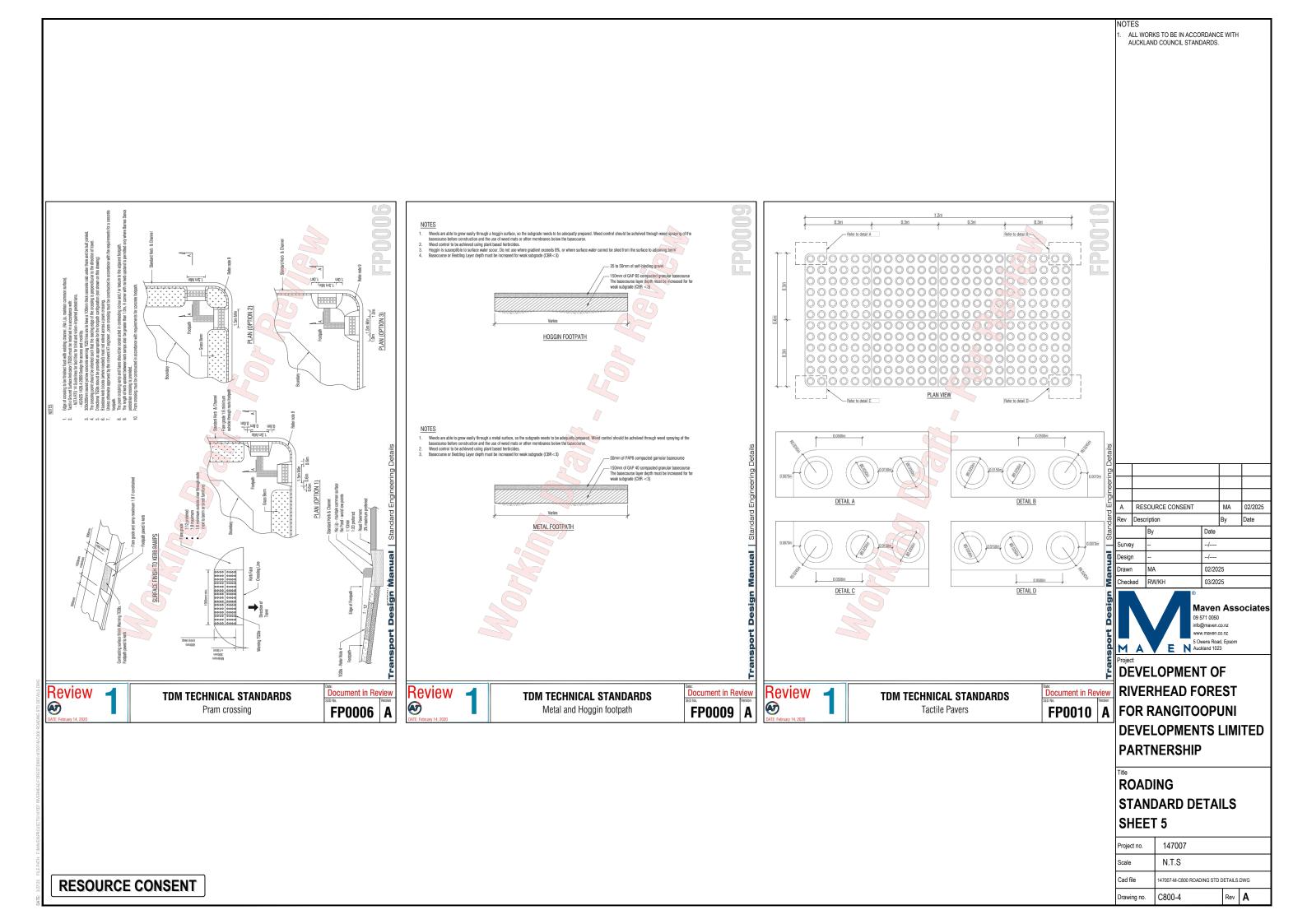
DEVELOPMENTS LIMITED

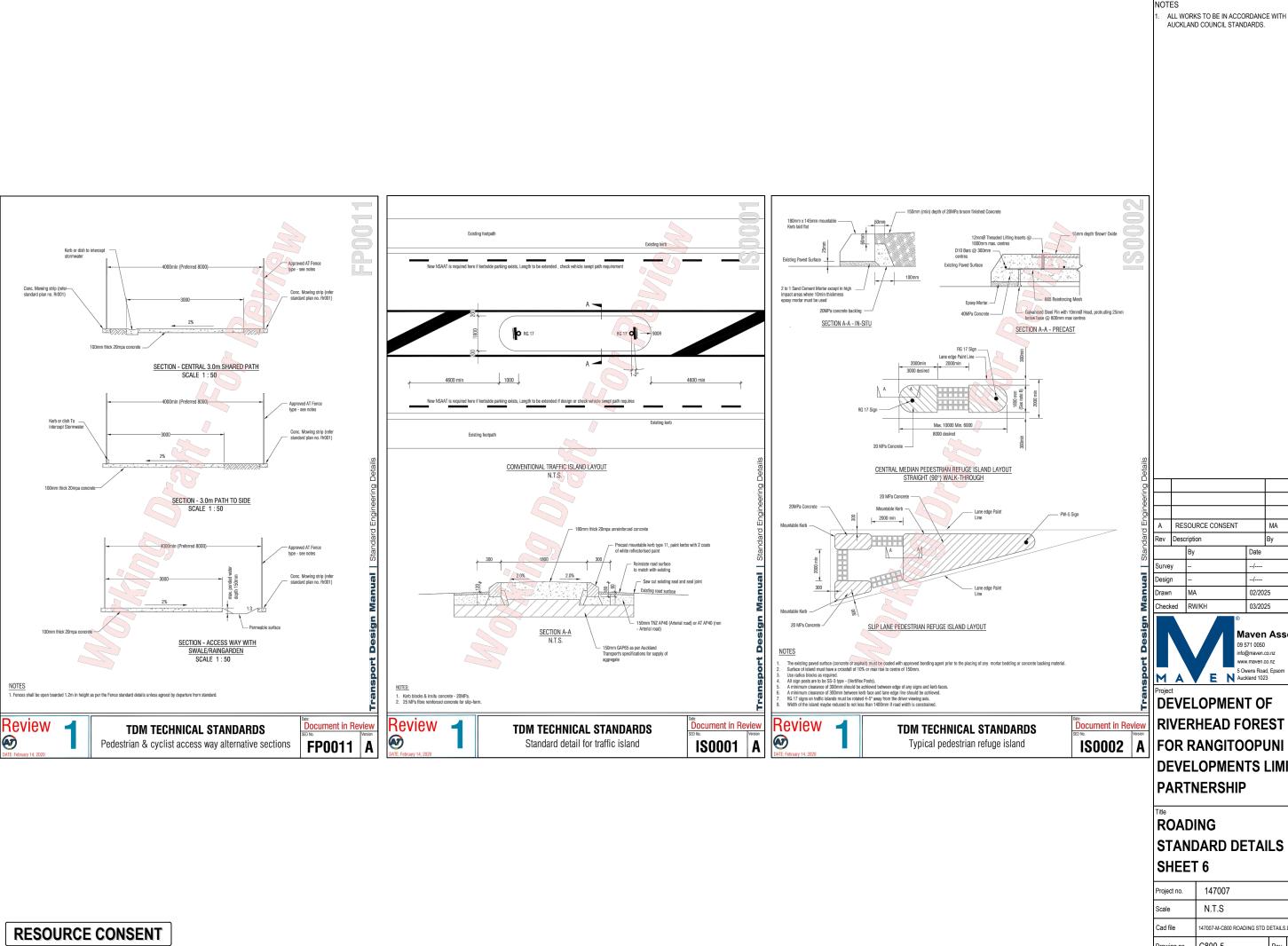
47007-M-C800 ROADING STD DETAILS.DWG











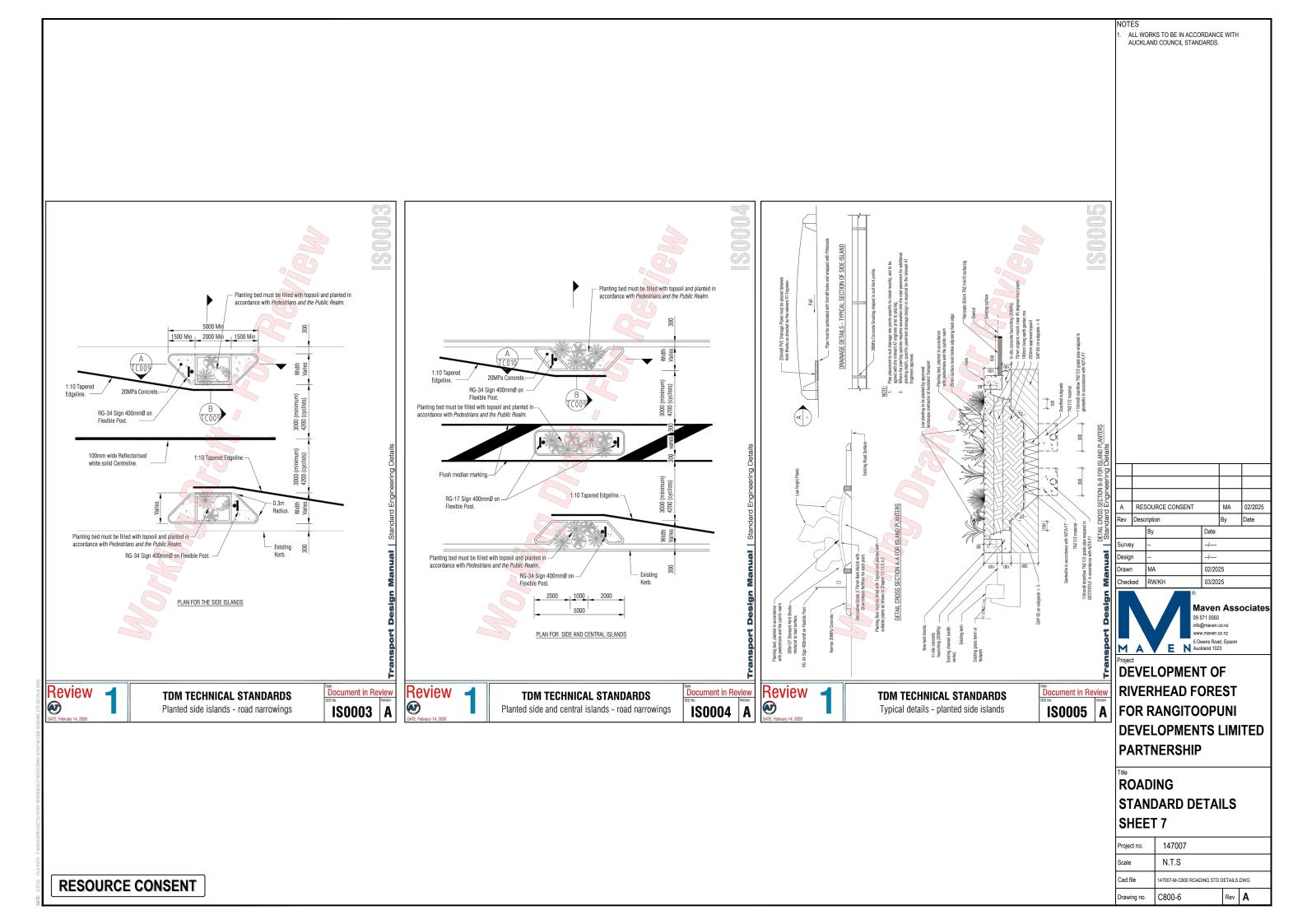
A RESOURCE CONSENT MA 02/2025 02/2025 03/2025

Maven Associates 09 571 0050

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

ROADING STANDARD DETAILS

147007 147007-M-C800 ROADING STD DETAILS.DWG



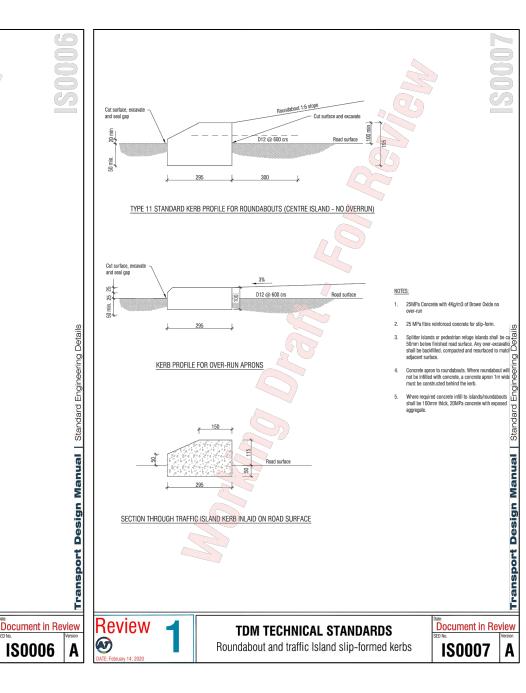
ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS. RESOURCE CONSENT 02/2025 03/2025 Maven Associates 09 571 0050 20/05/2021 VX0102 B **PARTNERSHIP** ROADING

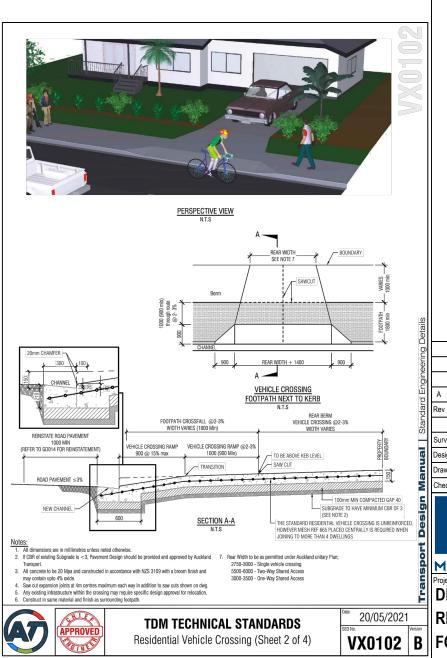
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MA 02/2025

STANDARD DETAILS SHEET 8

147007 147007-M-C800 ROADING STD DETAILS.DWG





RESOURCE CONSENT

25 MPa fibre reinforced concrete for slip-form.

TDM TECHNICAL STANDARDS

Mountable kerb & nib For traffic islands

NOTES:

Review

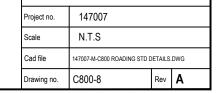
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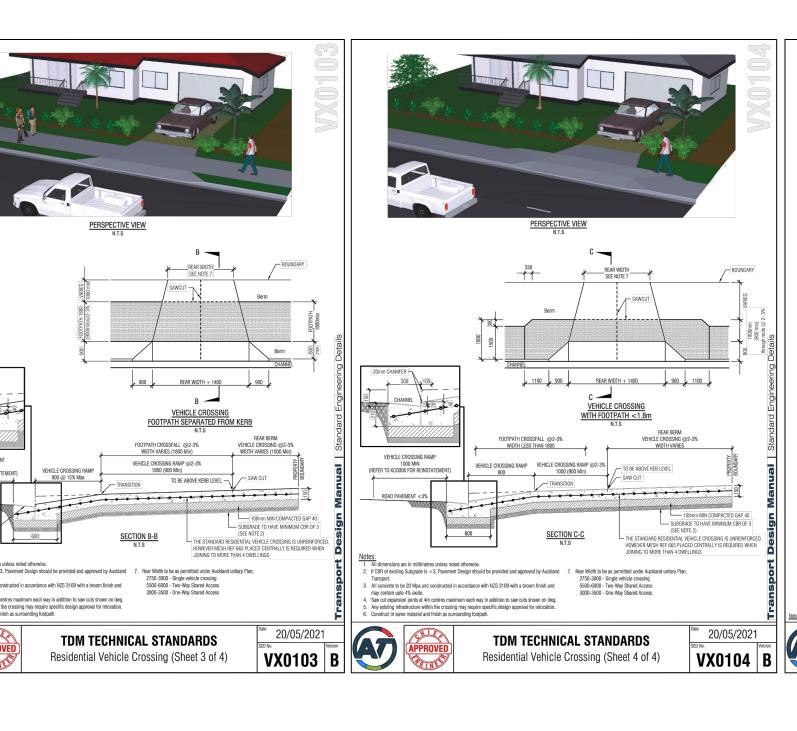


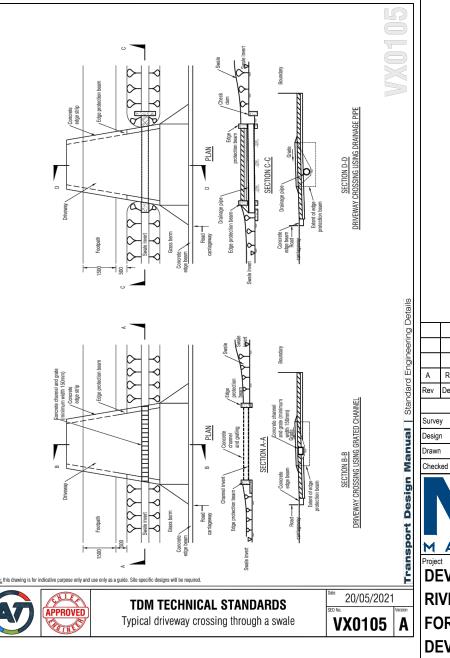
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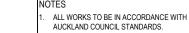
DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI **DEVELOPMENTS LIMITED PARTNERSHIP**

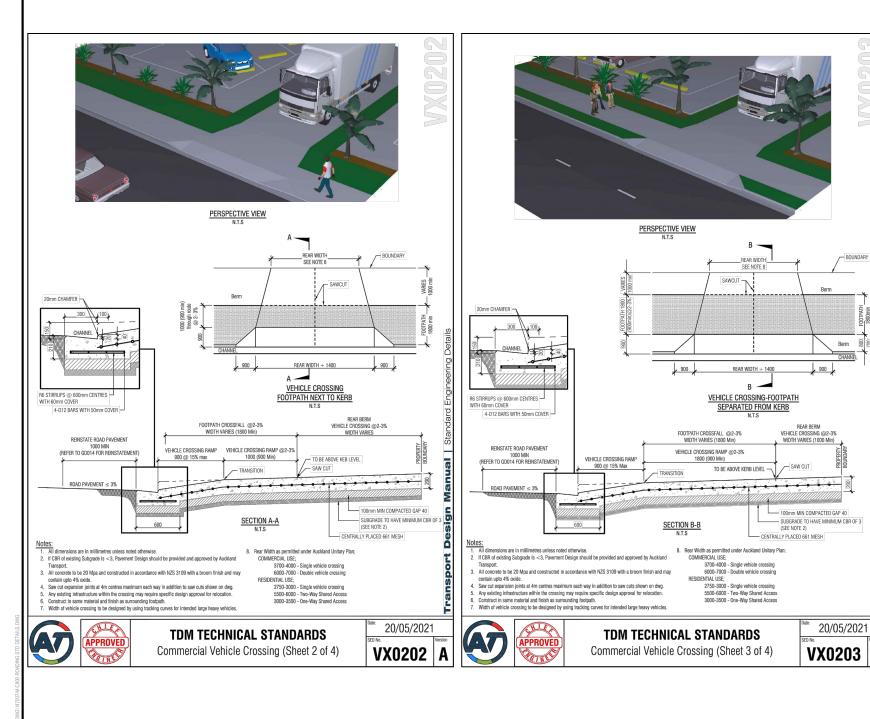
ROADING STANDARD DETAILS SHEET 9

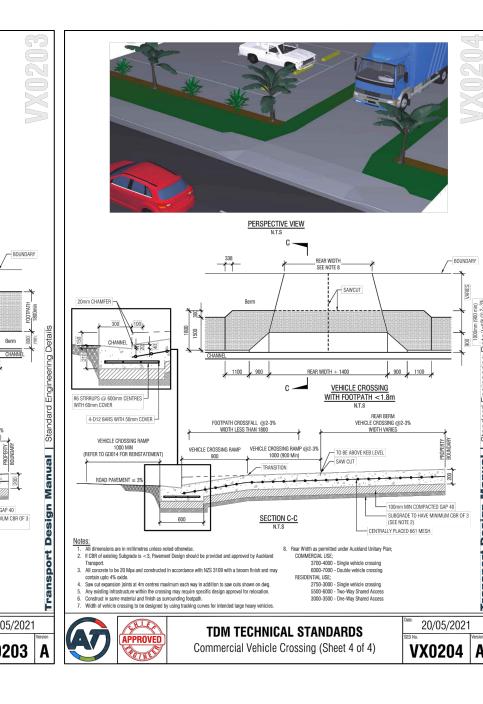












A RESOURCE CONSENT MA 02/2025

Rev Description By Date

By Date

Survey -- -/--
Design -- -/--
Drawn MA 02/2025

Checked RW/KH 03/2025



Project
DEVELOPMENT OF
RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

ROADING STANDARD DETAILS SHEET 10

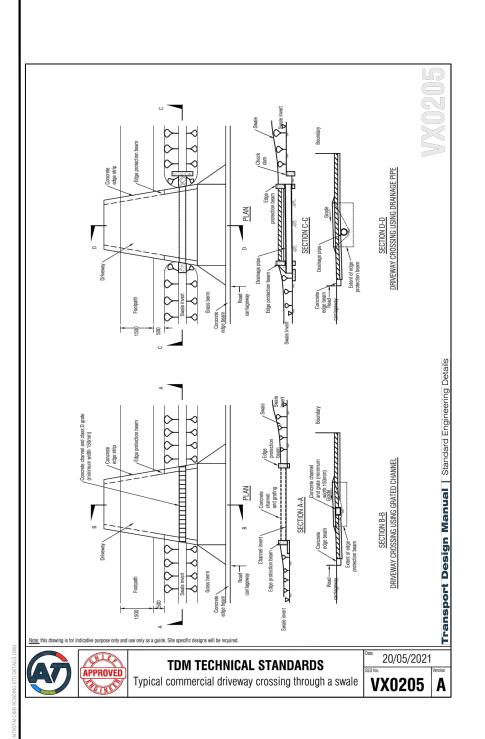
 Project no.
 147007

 Scale
 N.T.S

 Cad file
 147007-M-C800 ROADING STD DETAILS DWG

 Drawing no.
 C800-9

 Rev
 A



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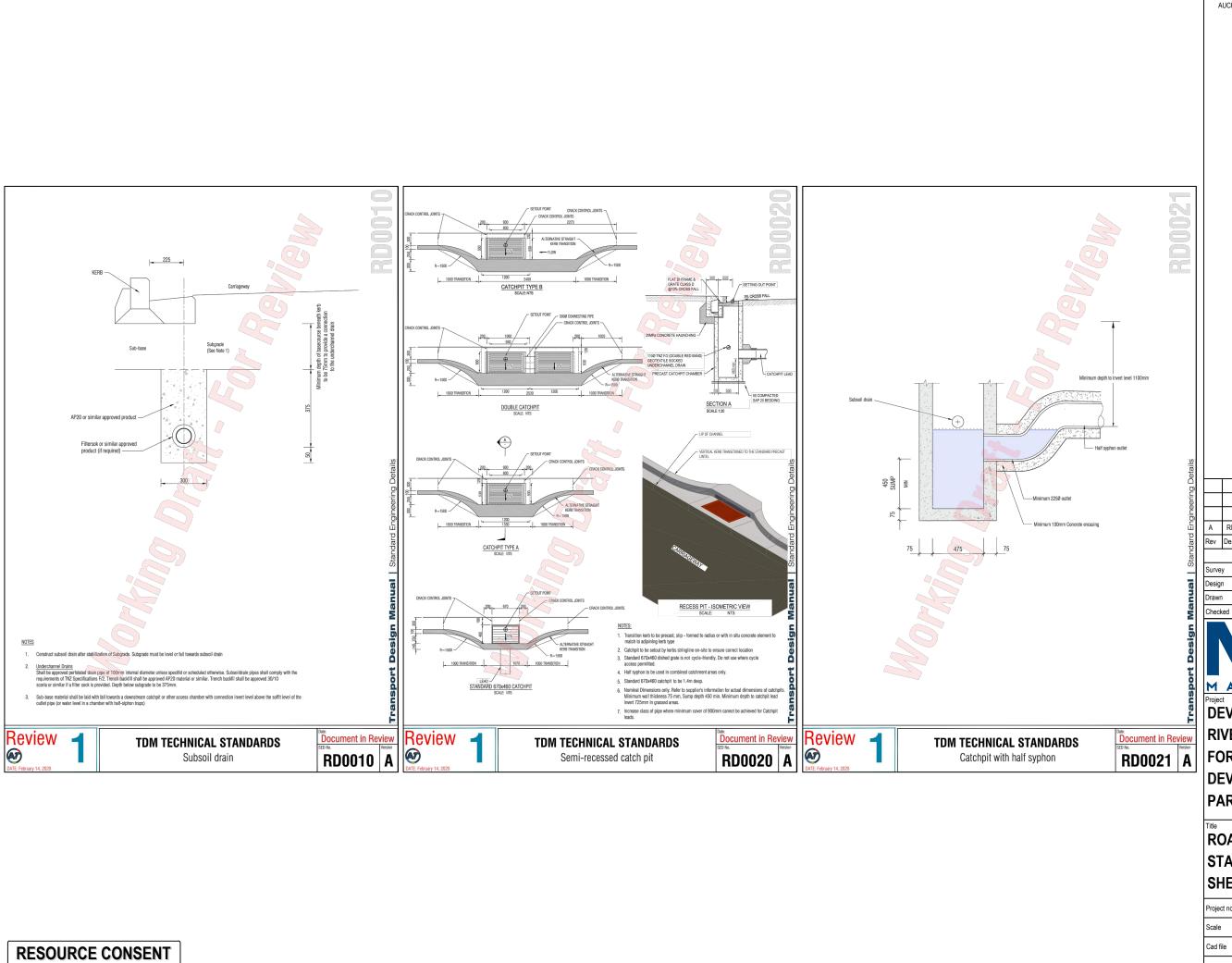
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Rev	Description			Ву	Date
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Checked		RW/KH	03/2025		



DEVELOPMENT OF RIVERHEAD FOREST FOR RANGITOOPUNI DEVELOPMENTS LIMITED PARTNERSHIP

ROADING STANDARD DETAILS SHEET 11

Project no.	147007			
Scale N.T.S				
Cad file	147007-M-C800 ROADING STD E	ETAILS.	DWG	
Drawing no.	C800-10	Rev	Α	



NOTES

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A RESOURCE CONSENT MA 02/2025

Rev Description By Date

By Date

Survey -- --/--
Design -- -/--
Drawn MA 02/2025

Checked RW/KH 03/2025

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5 Owen Road, Epsom
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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

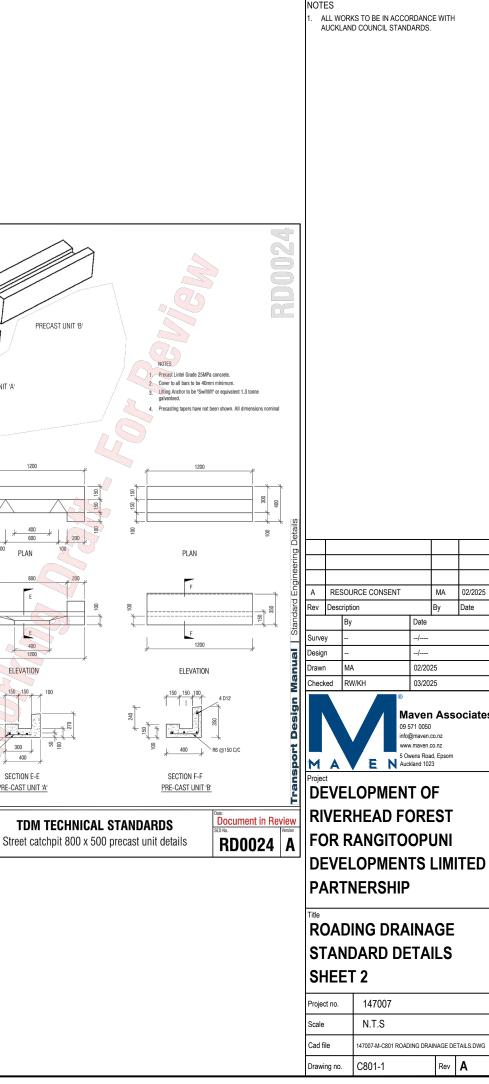
ROADING DRAINAGE STANDARD DETAILS SHEET 1

 Project no.
 147007

 Scale
 N.T.S

 Cad file
 147007-M-C801 ROADING DRAINAGE DETAILS.DWG

 Drawing no.
 C801
 Rev
 A



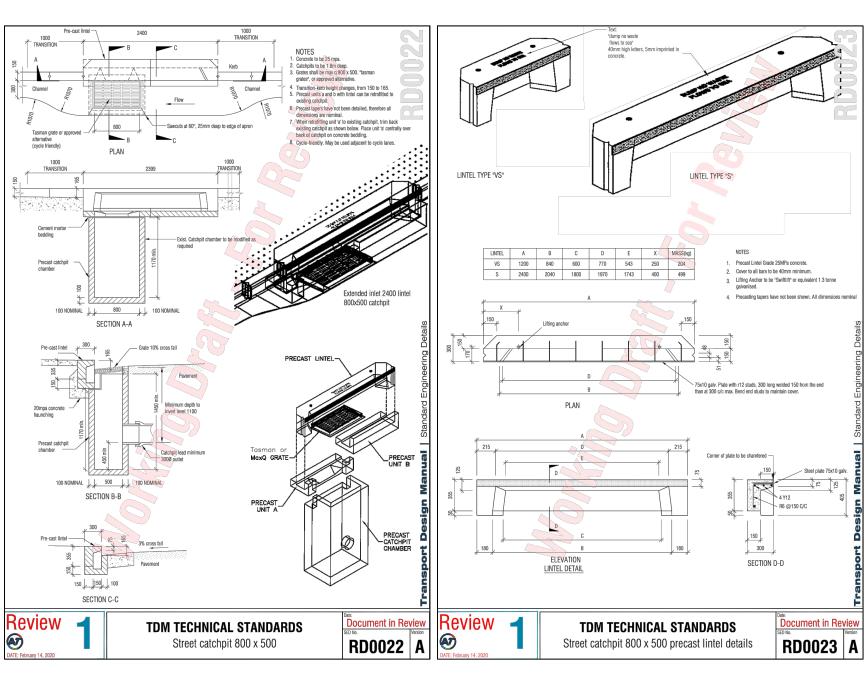
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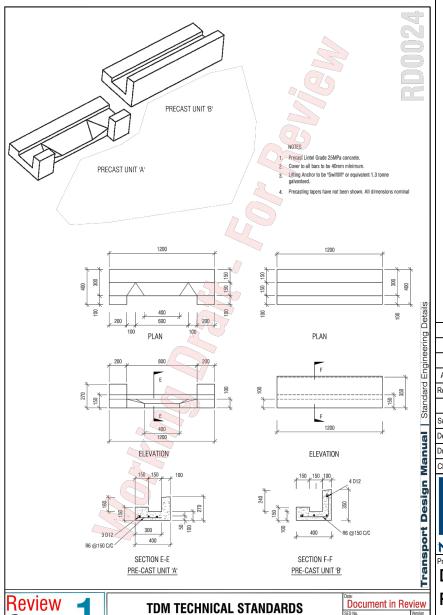
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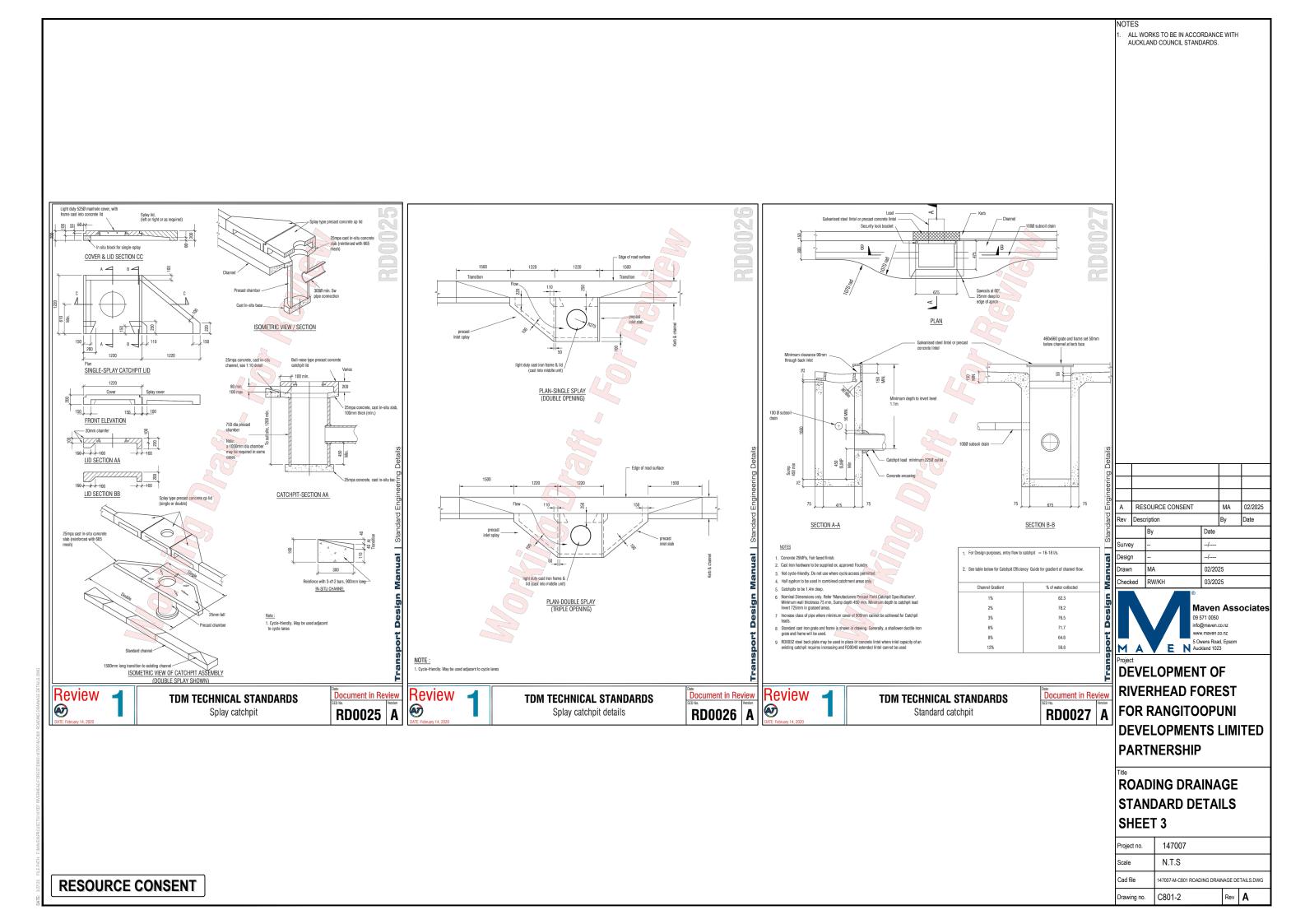
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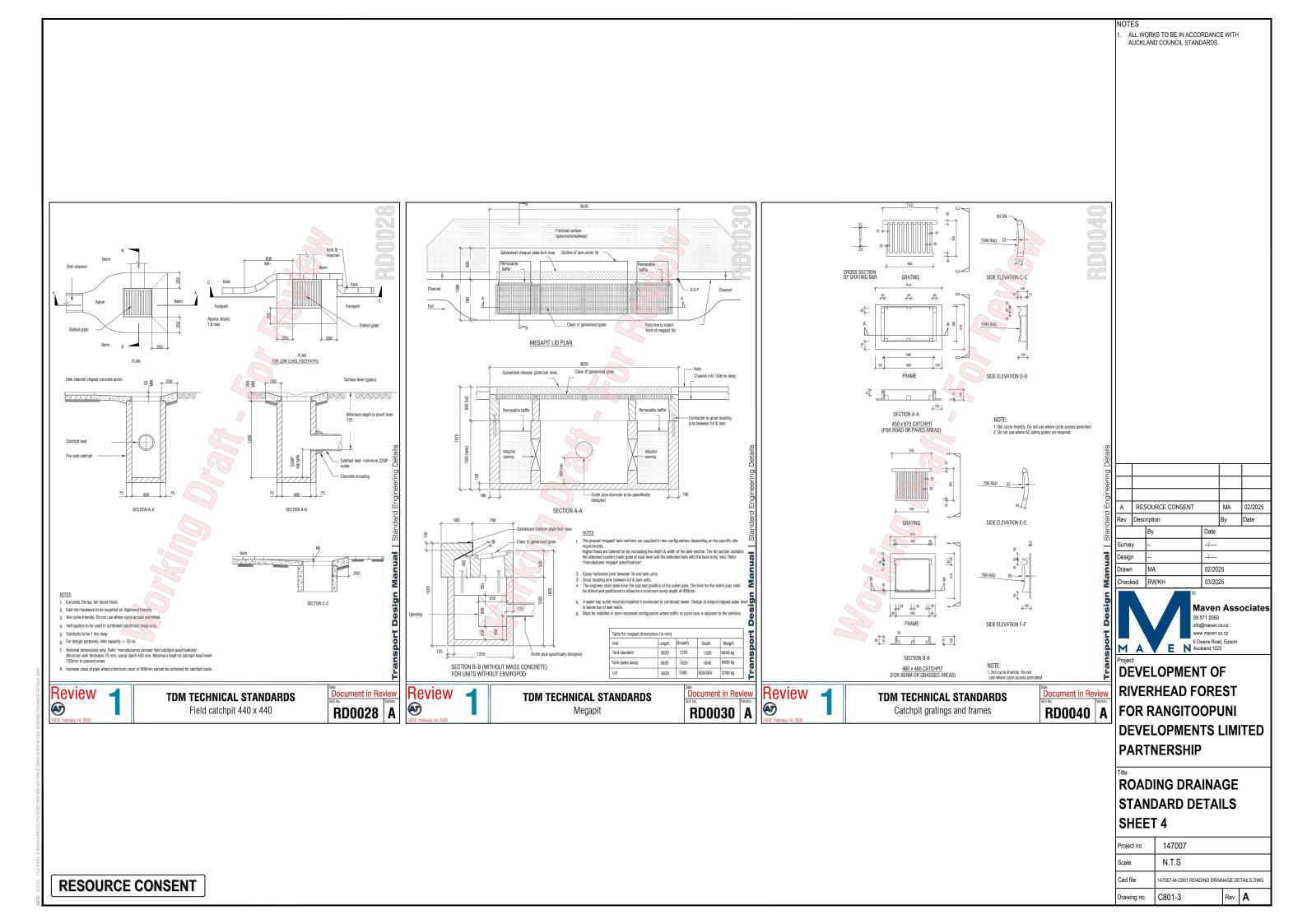
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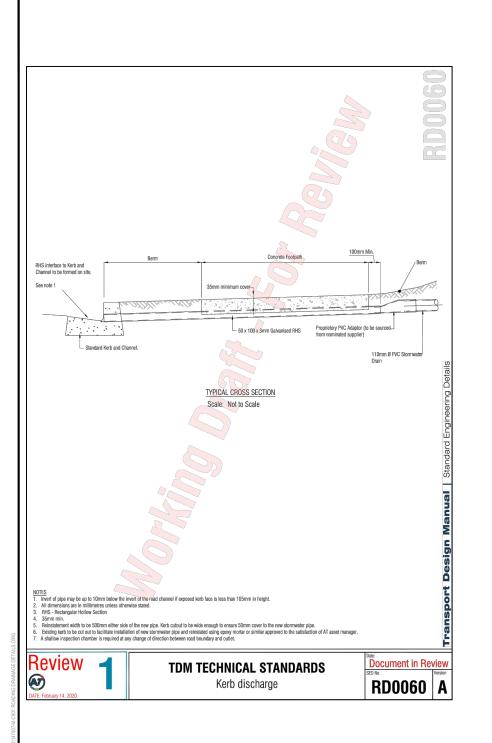
Maven Associates











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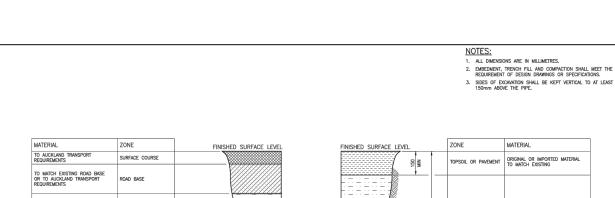
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Checked		RW/KH	03/202	25			



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

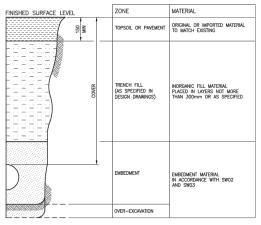
ROADING DRAINAGE STANDARD DETAILS SHEET 5

Project no. 147007 147007-M-C801 ROADING DRAINAGE DETAILS.DWG



OVER-EXCAVATION

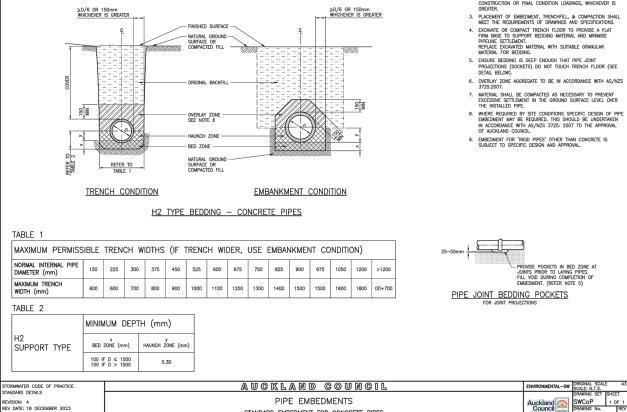




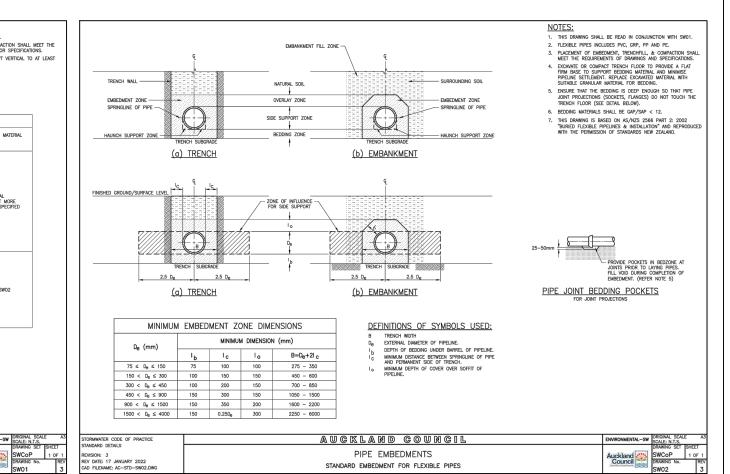
NO VEHICULAR LOADING (NON CARRIAGEWAY)

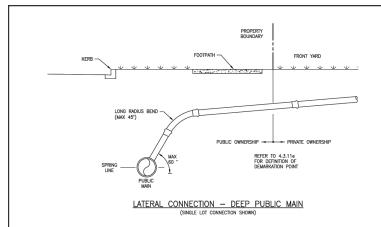
STORMWATER CODE OF PRACTICE STANDARD DETAILS	AUCKLAND COUNCIL	ENVIRONMENTAL-SW
REVISION: 3 REV DATE: 17 JANUARY 2022 CAD FILENAME: AC-STD-SW01.DWG	EMBEDMENT & TRENCHFILL TYPICAL ARRANGEMENT	Auckland Council

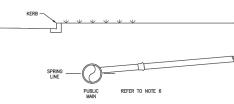
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH SWOT . Inis urvainio synale de redu in consumerion with swot. C CONCRETE PIPE CLASS SHALL BE DESIGNED IN ACCORDANCE WITH AS/NZS 3725: 2007, USING H2 BEDDING, TO CONSTRUCTION OR FINAL CONDITION LOADINGS, WHICHEVER IS GREATER.



STANDARD EMBEDMENT FOR CONCRETE PIPES







 ELECTROFUSION FITTINGS SHALL BE SELECTED TO MATCH SDR AND RESIN OF HOST PIPE, AND SHALL BE INSTALLED STRICTL IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION. LATERAL CONNECTION - SHALLOW PUBLIC MAIN ENVIRONMENTAL—SW ORIGINAL SCALE A3 SCALE: N.T.S. SCALE: N. AUCKLAND COUNCIL STORMWATER CODE OF PRACTIC STANDARD DETAILS STORMWATER LATERAL CONNECTIONS

DIRECT CONNECTIONS

GENERAL NOTES:

- 1. REFER SWCoP SECTION 4.3.9.5 FOR MINIMUM PIPE DIAMETERS
- REFER SWCOP SECTION 4.3.11 FOR PUBLIC/PRIVATE DEMARKATION DETINITIONS.
 REFER SWCOP SECTION 4.3.12 FOR LATERAL CONNECTION REQUIREMENTS.
- REFER SWCoP SECTION4.3.13 FOR CATCHPIT CONNECTIONS DETAILS.
- DETAILS.

 5. A RODDING POINT OR CHAMBER SHALL BE PROVIDED ON THE PUBLIC OR PRIVATE SECTION OF THE LATERAL TO ALLOW CCTV ACCESS. WHERE THIS CANNOT BE PROVIDED, THE CONNECTION SHALL BE MADE AT A MANHOLE.
- THE CENTRELINE OF THE LATERAL SHALL BE ABOVE THE SPRIN LINE OF THE PUBLIC MAIN IT CONNECTS TO.

NOTES FOR CONNECTION TO A PVC PUBLIC MAIN:

LATERAL CONNECTIONS SHALL BE CONSTRUCTED USING A REINFORCED MOULDED PVC SWEPT IEE OR Y-JUNCTION FITTIN WHERE SUCH FITTINGS ARE NORMALLY AVAILABLE WITHIN THE LOCAL MARKET. SADDLE CONNECTIONS ARE PERMITTED ONLY WHEN SWEPT IEE OR Y-JUNCTIONS ARE NOWALLABLE.

NOTES FOR CONNECTION TO A REINFORCED CONCRETE PUBLIC MAIN:

- 2. THE HOLE INTO THE EXISTING PUBLIC MAIN SHALL BE DRILLED.
- 3. THE SADDLE INSERT SHALL BE SEALED VIA EPOXY MORTAR TO THE PUBLIC MAIN. THERE SHALL BE NO PROTRUSION OF THE SADDLE INSERT INSIDE THE BORE OF THE PUBLIC MAIN.

NOTES FOR CONNECTION TO A PE PUBLIC MAIN:

- LATERAL CONNECTIONS SHALL BE CONSTRUCTED USING A JUNCTION CUT WITH ELECTROPUSION COUPLERS. ALTERNATIVELY A SADULE MAY BE ELECTROPUSED ONTO THE PIPE. SPECIFIC PEPROVAL FROM AUCKLAND COUNCIL IS REQUIRED TO SADULE MITO A PE MAN.

STORMWATER STANDARD DETAILS SHEET 1

PARTNERSHIP

A RESOURCE CONSENT

Drawn MA

Checked RW/KH

MA 02/2025

02/2025

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09 571 0050

Auckland 1023

DEVELOPMENT OF

RIVERHEAD FOREST

FOR RANGITOOPUNI

DEVELOPMENTS LIMITED

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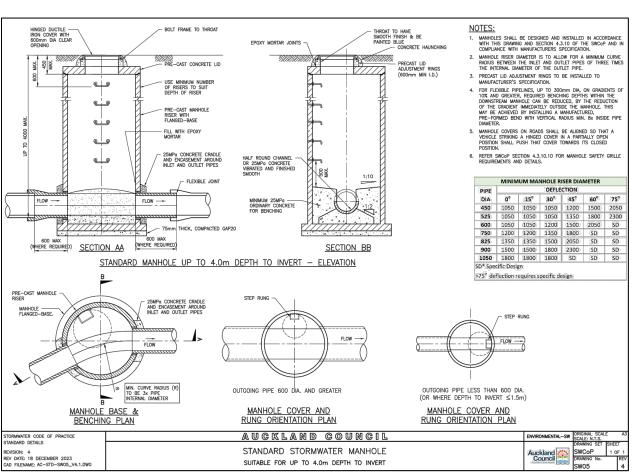
5 Owens Road, Epsom

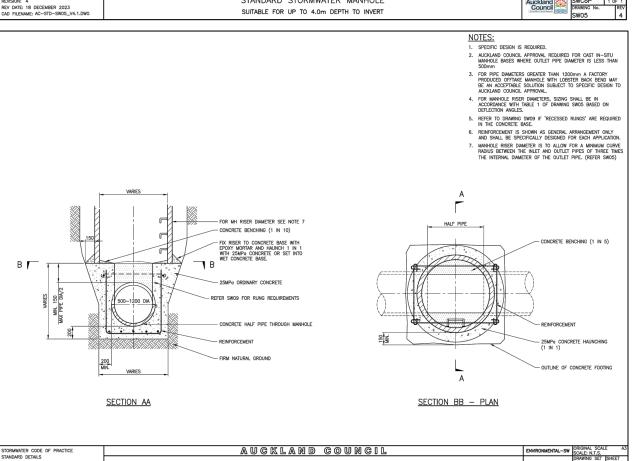
Maven Associates

Date

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Project no. 147007				
Scale	N.T.S			
Cad file	147007-M-C802 STORMWATER	STD DET	AILS.DWG	
Drawing no.	C802	Rev	Α	

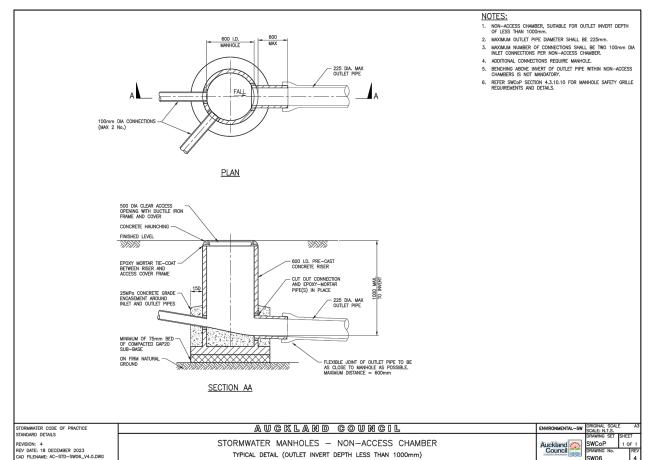


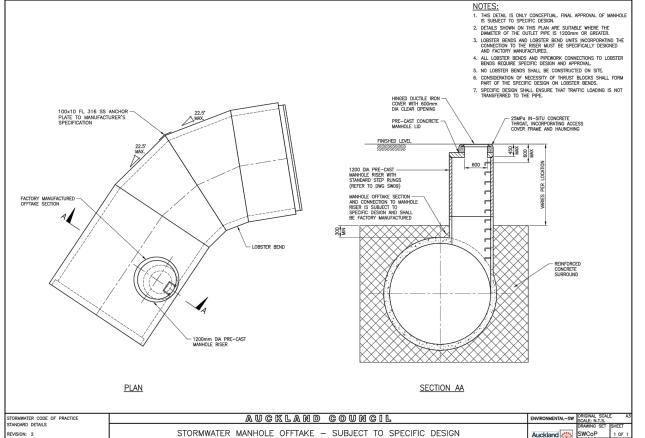


STORMWATER MANHOLE WITH IN-SITU CONCRETE BASE - SUBJECT TO SPECIFIC DESIGN

SUITABLE FOR MANHOLES UP TO 5m DEEP

SWCoP





FOR PIPES 1200mm DIAMETER OR GREATER

A RESOURCE CONSENT MA 02/2025

Rev Description By Date

By Date

Survey -- --/--
Design -- -/--
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Checked RW/KH 03/2025

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Project
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RIVERHEAD FOREST
FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
PARTNERSHIP

STORMWATER STANDARD DETAILS SHEET 2

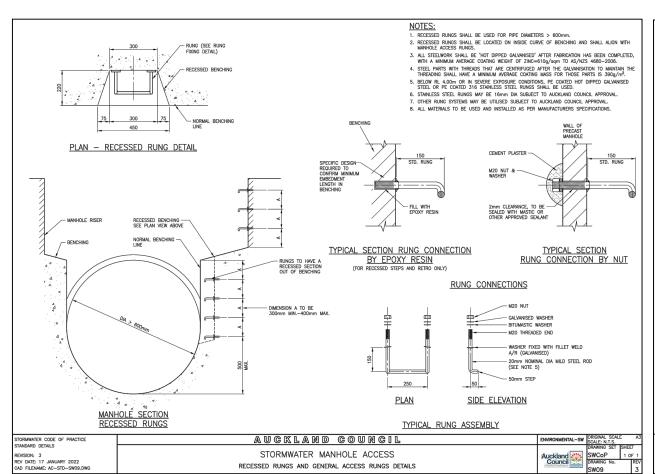
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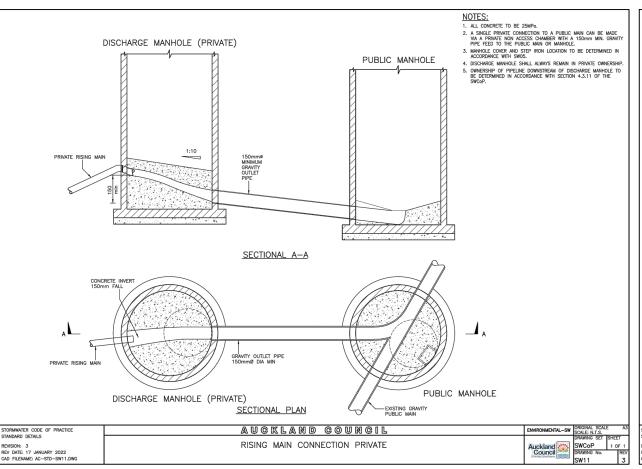
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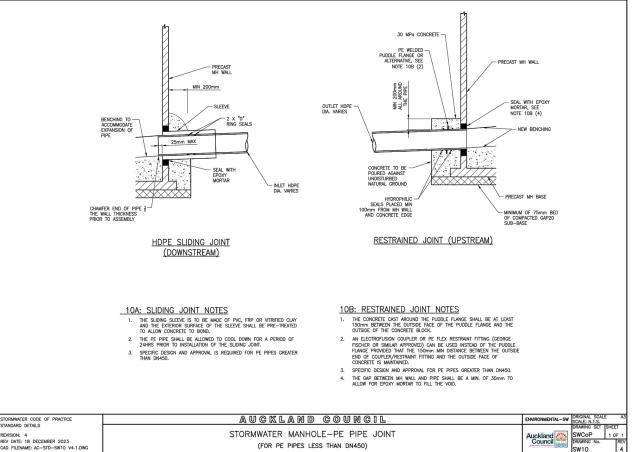
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 147007-M-C802 STORMWATER STD DETAILS.DWG

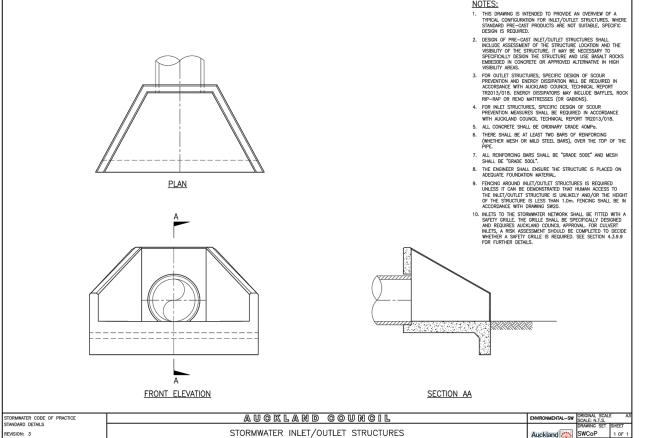
 Drawing no.
 C802-1

 Rev
 A









TYPICAL CONFIGURATION

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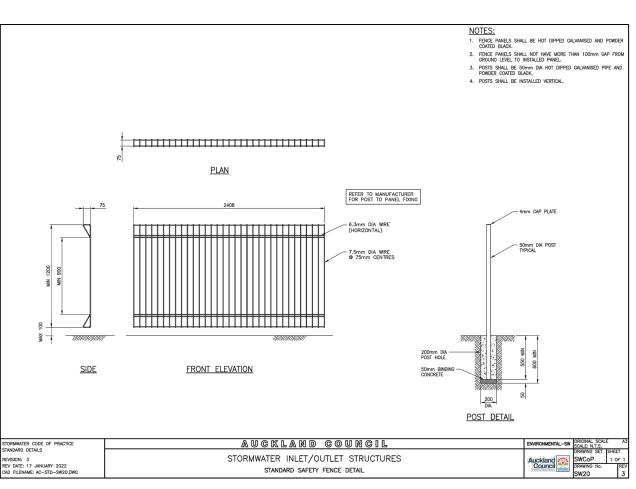
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Checked		RW/KH	03/202	25	

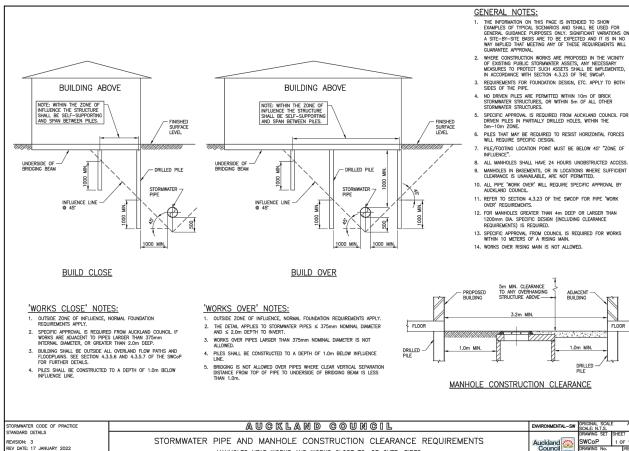


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DEVELOPMENTS LIMITED
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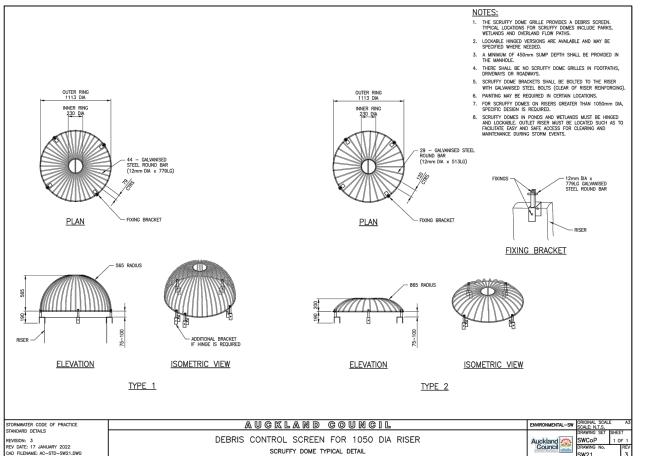
STORMWATER STANDARD DETAILS SHEET 3

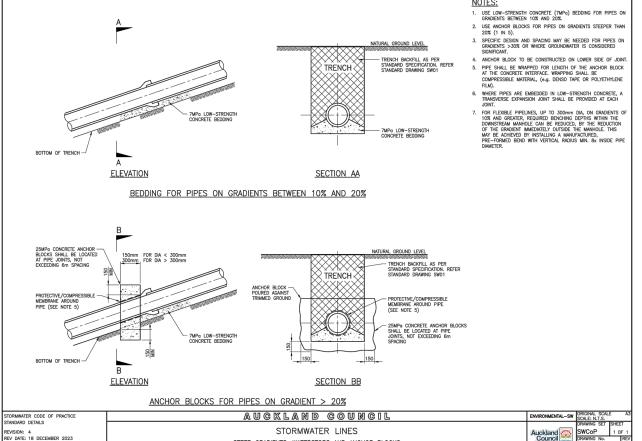
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Project no. 147007					



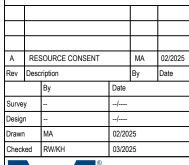


MANHOLES NEAR WORKS AND WORKS CLOSE TO, OR OVER, PIPES





STEEP GRADIENTS, WATERSTOPS AND ANCHOR BLOCKS



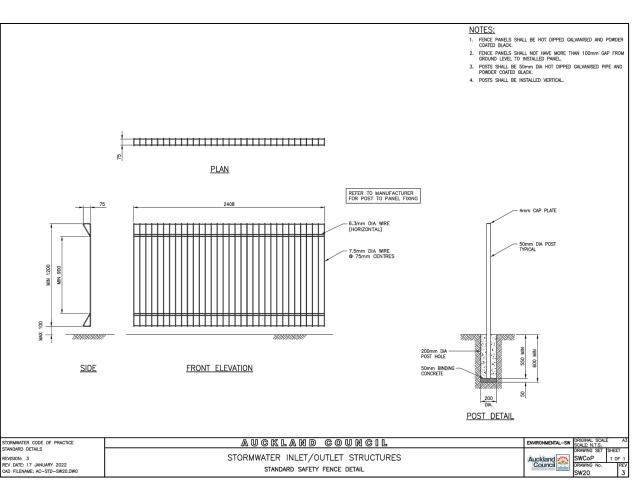
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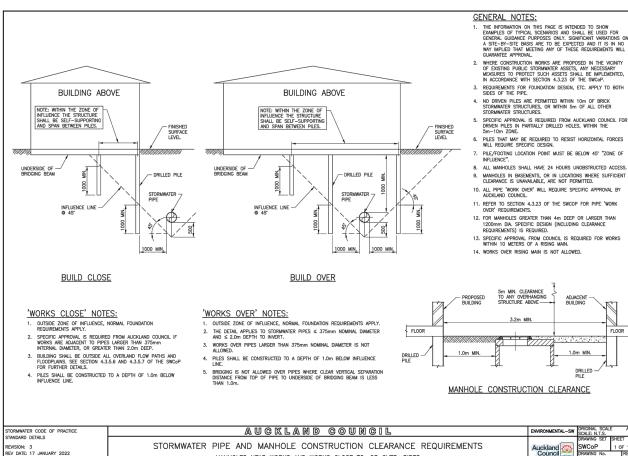


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FOR RANGITOOPUNI
DEVELOPMENTS LIMITED
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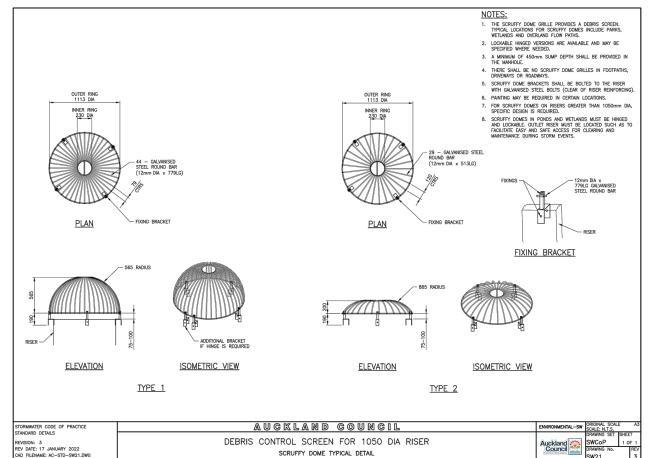
STORMWATER STANDARD DETAILS SHEET 4

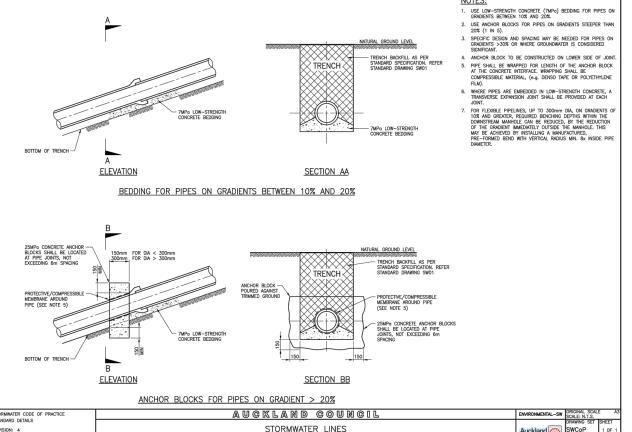
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Scale	N.T.S				
Cad file 147007-M-C802 STORMWATER STD D		STD DET	AILS.DWG		
Drawing no.	C802-3	Rev	Α		





MANHOLES NEAR WORKS AND WORKS CLOSE TO, OR OVER, PIPES





STEEP GRADIENTS, WATERSTOPS AND ANCHOR BLOCKS

SWCoP 1 OF DRAWING No. | RI

RESOURCE CONSENT MA 02/2025 Date

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

02/2025

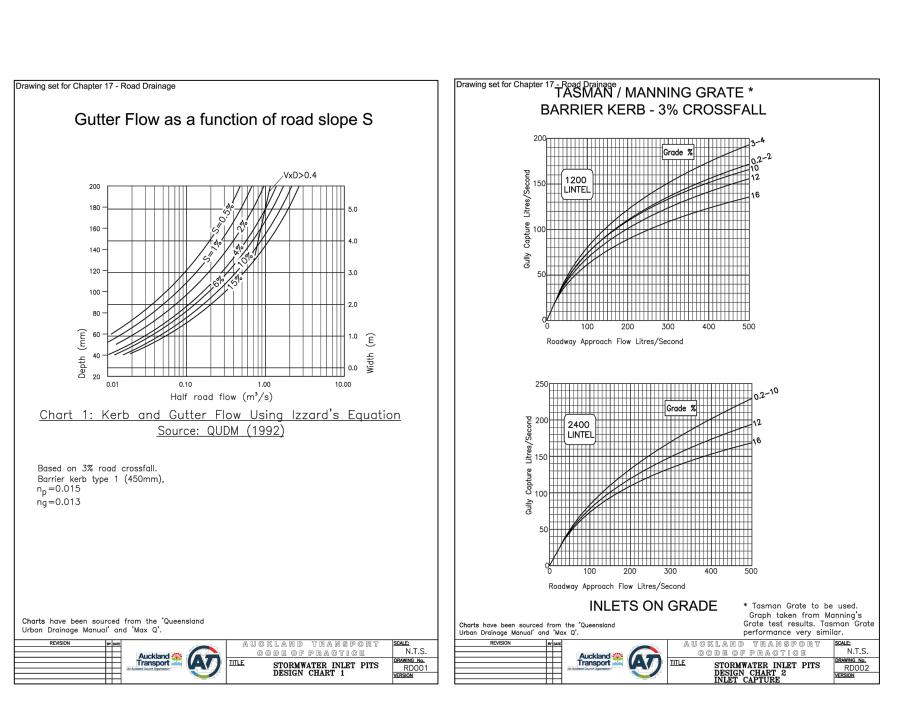
03/2025

DEVELOPMENT OF RIVERHEAD FOREST

FOR RANGITOOPUNI **DEVELOPMENTS LIMITED PARTNERSHIP**

STORMWATER STANDARD DETAILS SHEET 5

147007 roject no. N.T.S Cad file 47007-M-C802 STORMWATER STD DETAILS.DWG Drawing no.



NOTES

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Α	RES	RESOURCE CONSENT		MA	02/2025
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Project
DEVELOPMENT OF
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FOR RANGITOOPUNI
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PARTNERSHIP

STORMWATER
STANDARD DETAILS
SHEET 6

 Project no.
 147007

 Scale
 N.T.S

 Cad file
 147007-M-C802 STORMWATER STD DETAILS.DWG

 Drawing no.
 C802-5

 Rev
 A