

		-1:4.00		2.10m	1:15.00
DATUM 18.00m					
EXISTING LEVELS	21.98	20.70	20.70	20.70	22.60
DESIGN LEVELS		20.55	20.30	20.30	
CUT/FILL		-0.15	-0.40	-0.40	
CHAINAGE	0.00	20.00	40.00	00.09	80.00

WETLAND 1 B-B SCALE: HORI 1:1000 VERT 1:200

- I. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLANE COUNCIL STANDARDS.

 COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
- 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.

Α	RES	RESOURCE CONSENT			AO	02/2025
Rev	Desc	escription			Ву	Date
		Ву		Date		
Surve	у	MAVEN	AVEN 11/2024			
Desig	n	AO		12/2024		
Drawn OE 01/2025						
Charl		1.0		กว/วก	25	

PR WETLAND FGL

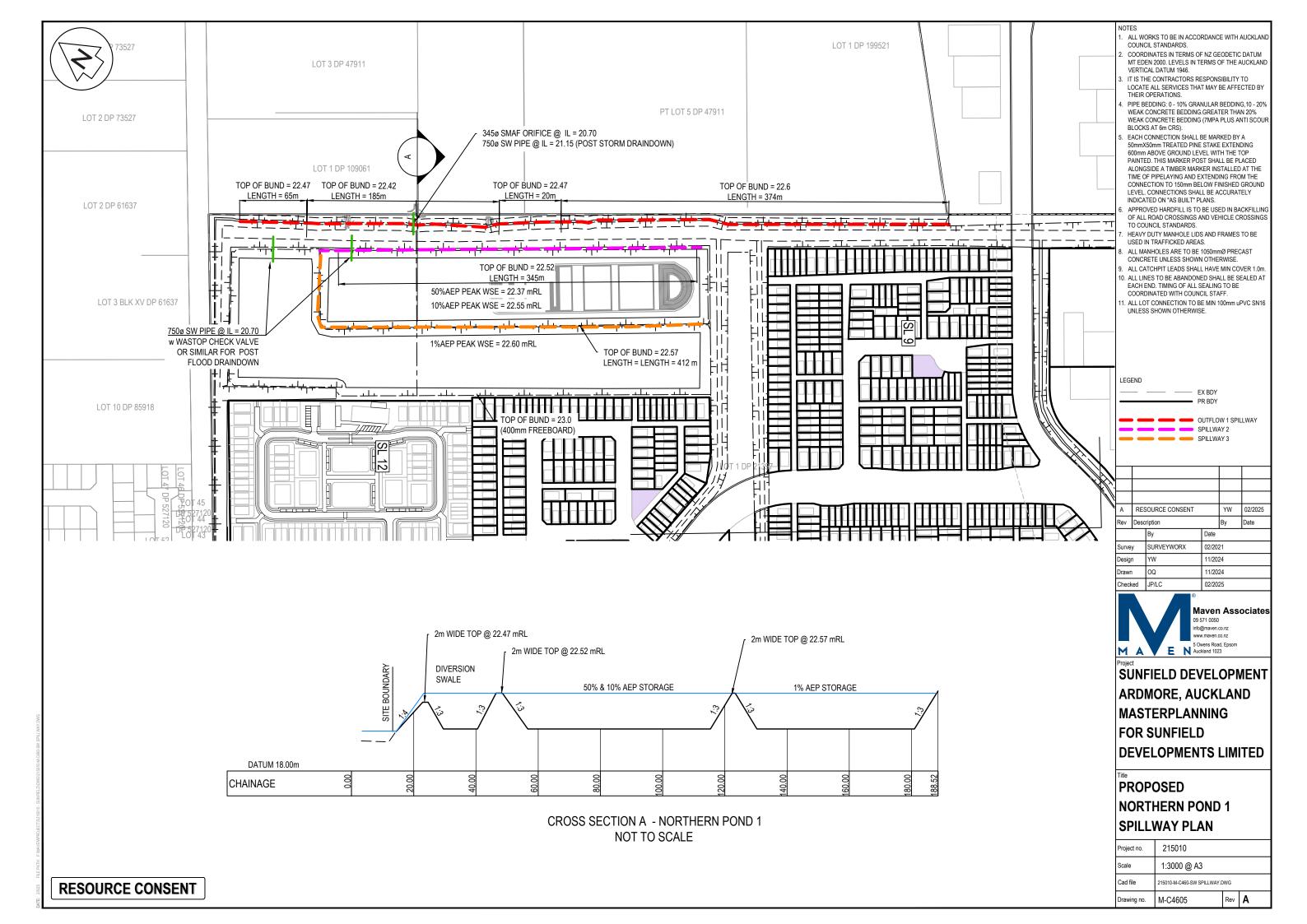


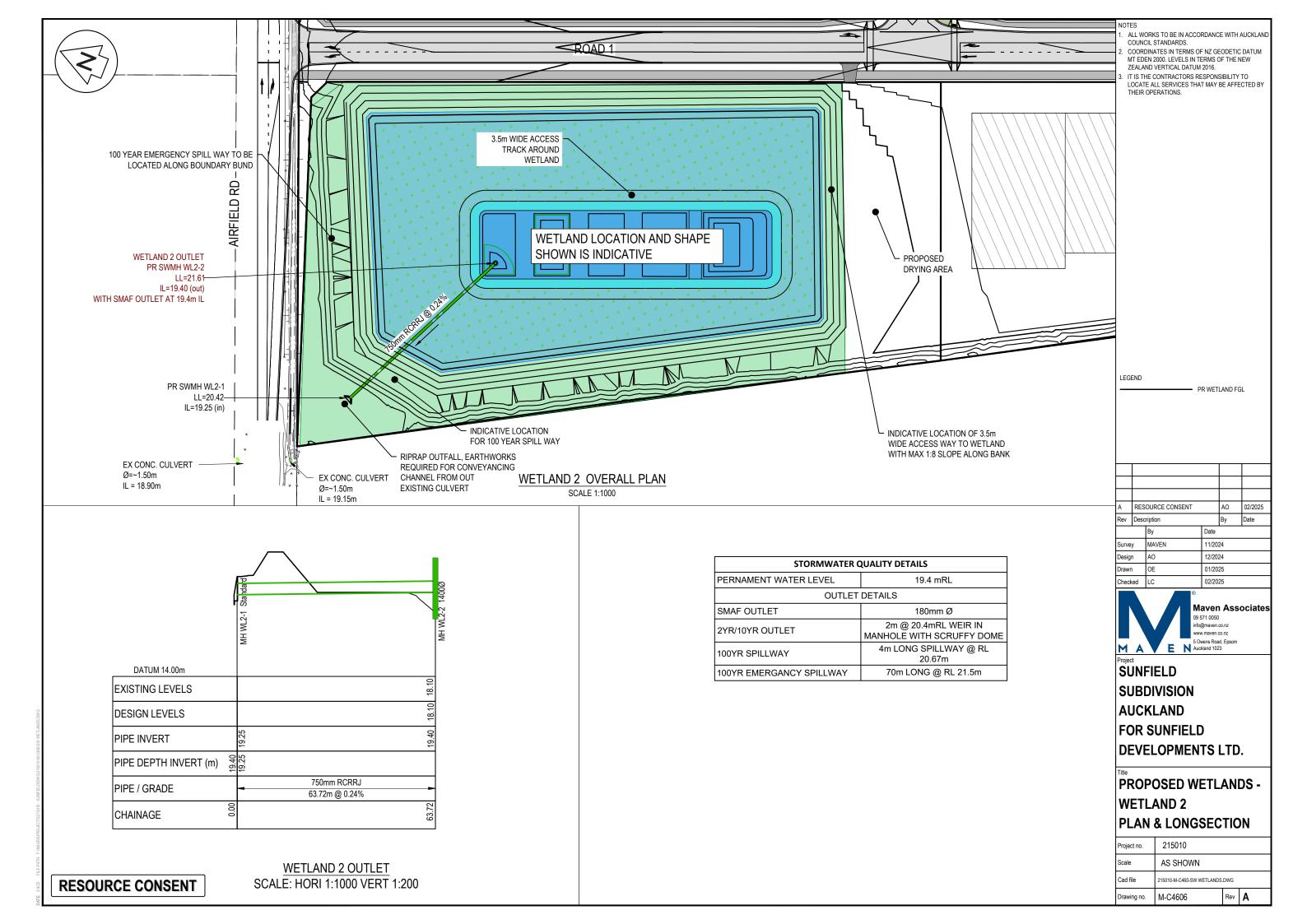
LEGEND

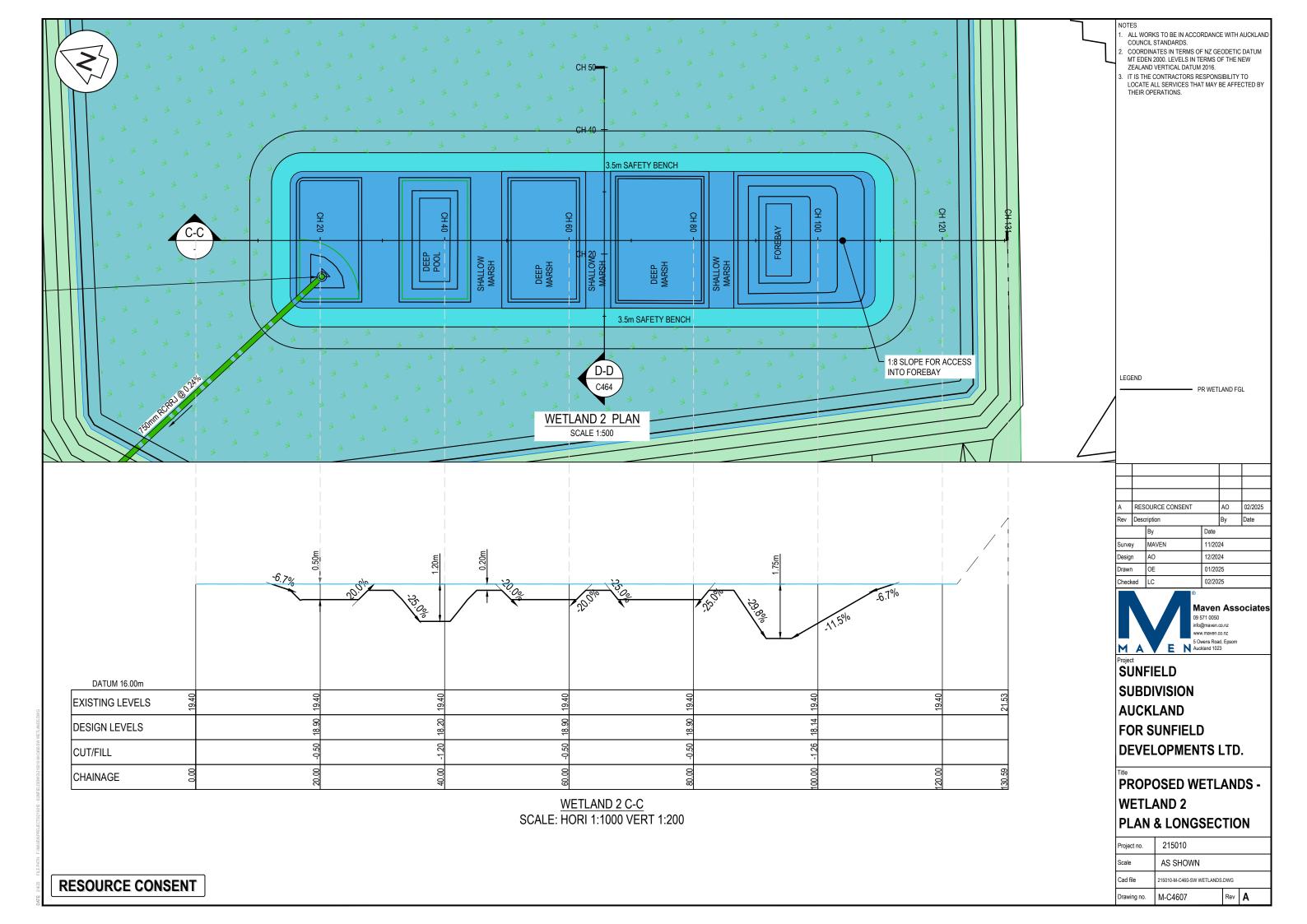
SUNFIELD SUBDIVISION AUCKLAND FOR SUNFIELD DEVELOPMENTS LTD.

PROPOSED WETLANDS -WETLAND 1 CROSS SEC. & OUTLET

Project no.	215010		
Scale	AS SHOWN		
Cad file	215010-M-C460-SW WETLANDS	.DWG	
Drawing no.	M-C4604	Rev	Α







		 -	28.00m	
			6.7%	
DATUM 16.00m				
EXISTING LEVELS	19.40	1940	0940	19.40
DESIGN LEVELS		19.20		
CUT/FILL		-0.20		
CHAINAGE	0.00	20.00	40.00	50.00

WETLAND 2 D-D SCALE: HORI 1:1000 VERT 1:200

- NOTES

 1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.

 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.

 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.

Α	RES	OURCE CONSENT		AO	02/2025
Rev	Desc	ription		Ву	Date
		Ву			
Surve	у	MAVEN	11/202	24	
Desigr	1	AO	12/2024		
Drawn	1	OE	01/20	25	
	-		00/00	25	

PR WETLAND FGL



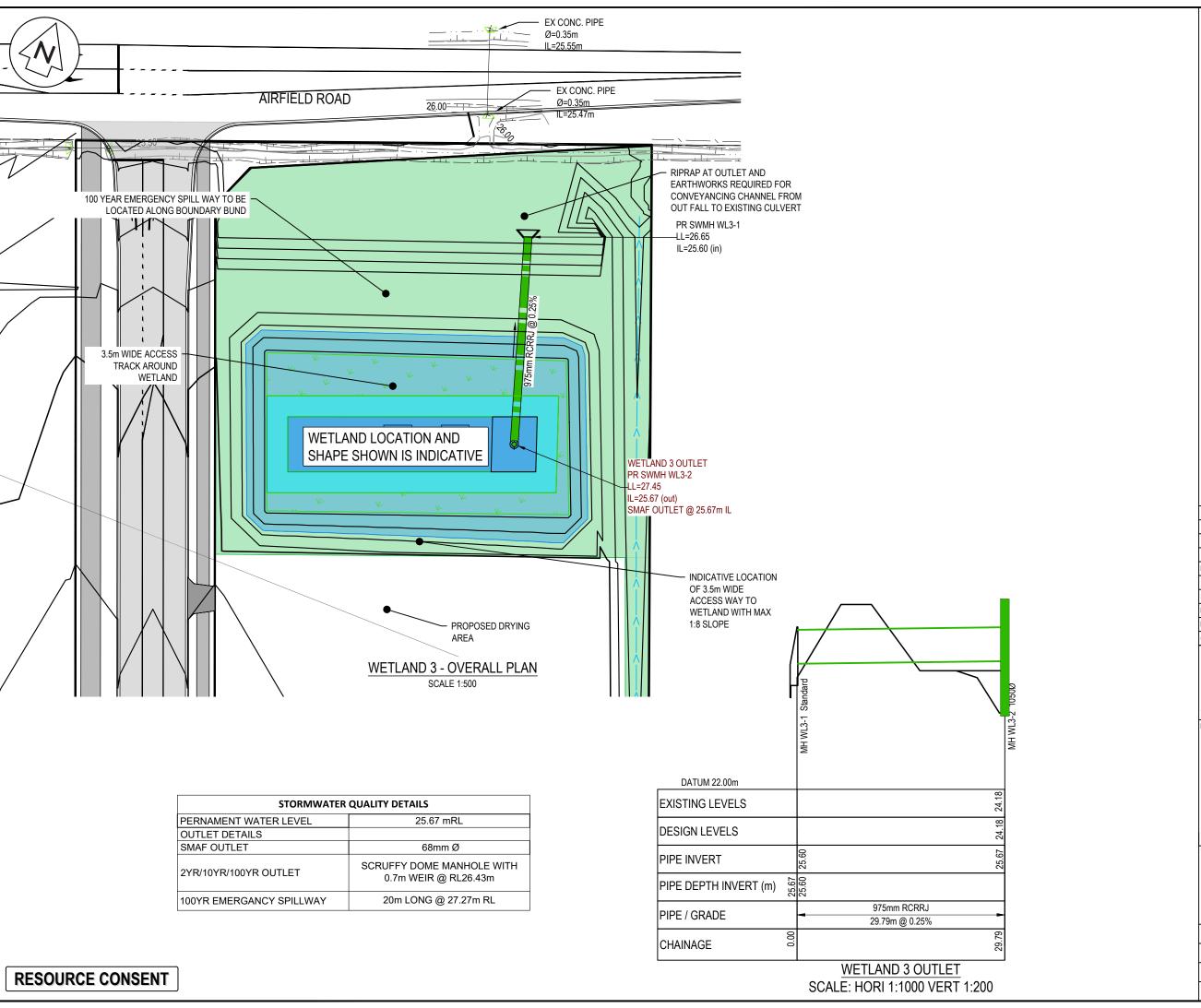
SUNFIELD

LEGEND

SUBDIVISION AUCKLAND FOR SUNFIELD DEVELOPMENTS LTD.

PROPOSED WETLANDS -WETLAND 2 CROSS SEC. & OUTLET

Project no.	215010			
Scale AS SHOWN				
Cad file	215010-M-C460-SW WETLANDS.DWG			
Drawing no.	M-C4608	Rev	Α	



NOTE

- ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAN COUNCIL STANDARDS.
- COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
- 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.

LEGEND

PR WETLAND FGL

Α	RES	OURCE CONSENT		AO	02/2025
Rev	Desc	ription		Ву	Date
		Ву	Date		
Surve	y	MAVEN	11/202	24	
Desig	1	AO	12/202	24	
Drawn	1	OE	01/20	25	
Check	ed	LC	02/20	25	



SUNFIELD
SUBDIVISION
AUCKLAND
FOR SUNFIELD
DEVELOPMENTS LTD.

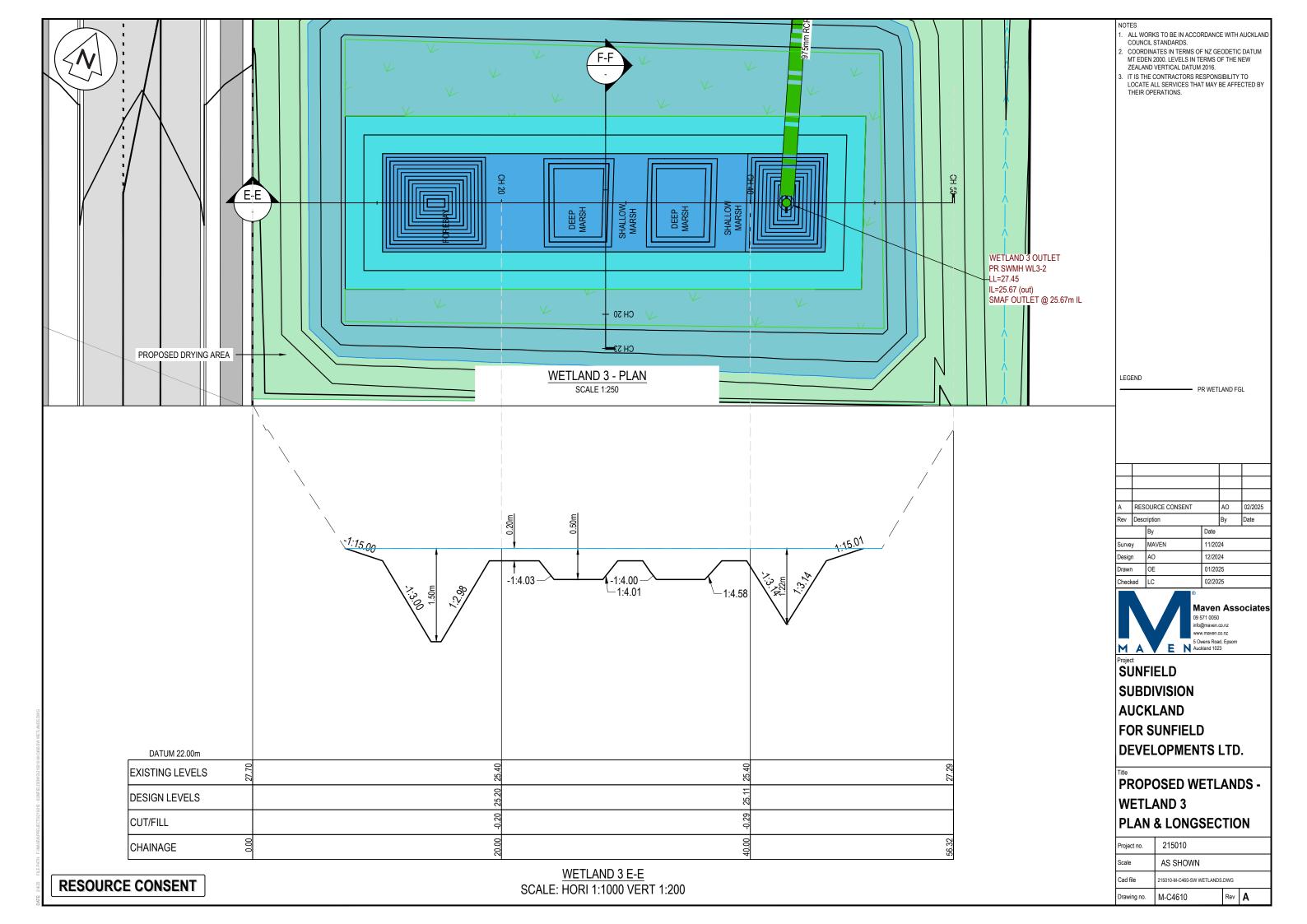
PROPOSED WETLANDS - WETLAND 3
PLAN & LONGSECTION

 Project no.
 215010

 Scale
 AS SHOWN

 Cad file
 215010-M-C460-SW WETLANDS.DWG

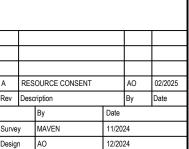
 Drawing no.
 M-C4609
 Rev
 A



⁻¹:15.00 1:4.00 -1:4.00 DATUM 24.00m EXISTING LEVELS DESIGN LEVELS CUT/FILL CHAINAGE WETLAND 3 F-F SCALE: HORI 1:1000 VERT 1:200

- I. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLANE COUNCIL STANDARDS.

 COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
- 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.



01/2025

PR WETLAND FGL

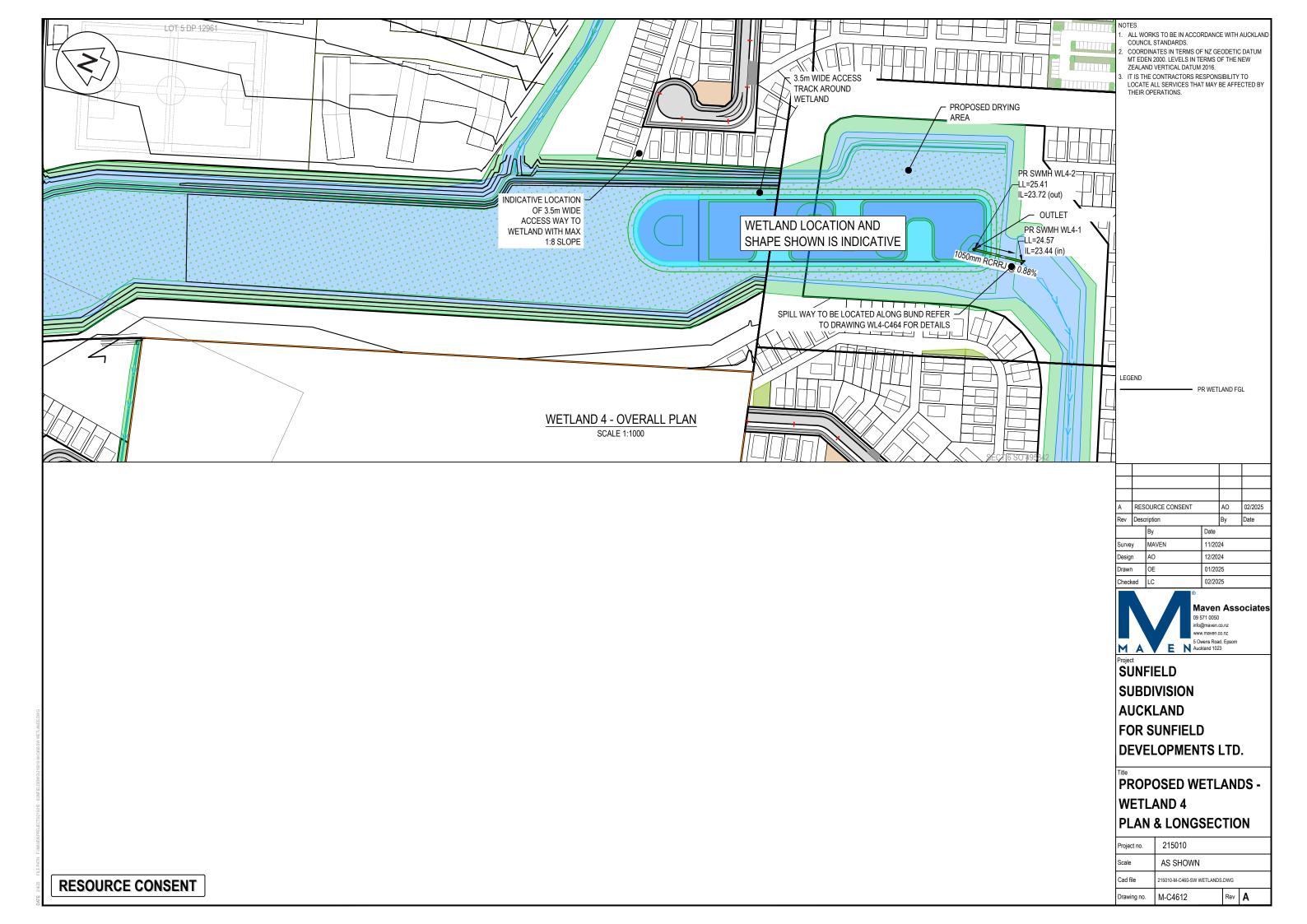


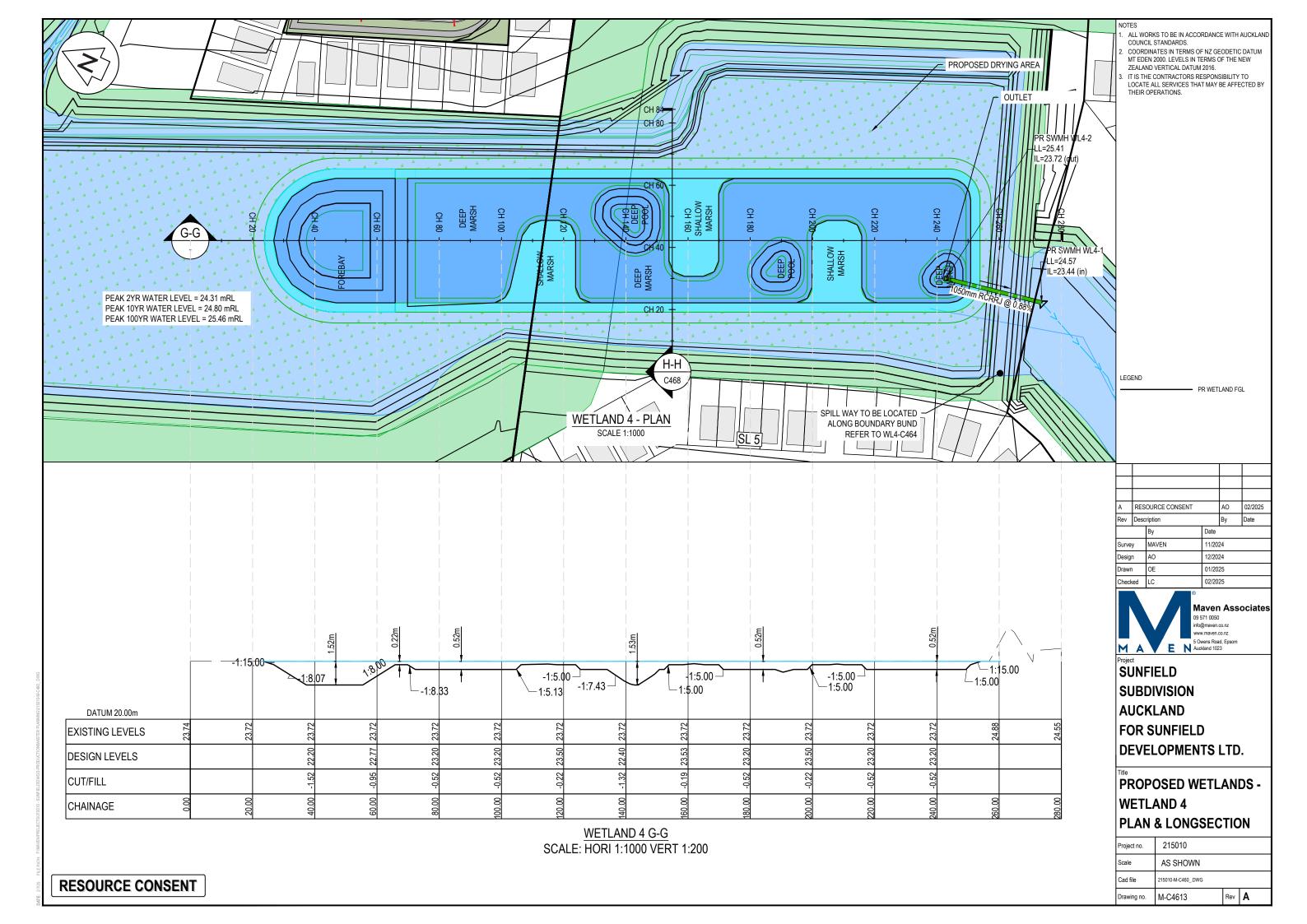
LEGEND

SUNFIELD SUBDIVISION AUCKLAND FOR SUNFIELD DEVELOPMENTS LTD.

PROPOSED WETLANDS -WETLAND 3 CROSS SEC. & OUTLET

Project no.	215010			
Scale	AS SHOWN			
Cad file	215010-M-C460-SW WETLANDS.DWG			
Drawing no.	M-C4611	Rev	Α	





		-1:1 5.00 -1:5.00	1:5.0	6.00m 	1:15.00	
DATUM 20.00m						
EXISTING LEVELS	25.65	23.72	23.72	23.72	23.70	23.70
DESIGN LEVELS		23.65	23.50	23.54		
CUT/FILL		-0.07	-0.22	-0.18		
CHAINAGE	0.00	20.00	40.00	00.09	00.08	84.36

WETLAND 4 H-H SCALE: HORI 1:1000 VERT 1:200

- I. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLANE COUNCIL STANDARDS.

 COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NEW ZEALAND VERTICAL DATUM 2016.
- 8. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.

l							
Α	RES	OURCE CONSEN	١T		AO	02/2025	
Rev	Desc	ription			Ву	Date	
		Ву		Date	ate		
Surve	Survey MAVEN		11/2024				
Desig	lesign AO		12/2024				
Drawn	1	OE		01/20	25		
Check	ed	LC		02/20	25		

PR WETLAND FGL

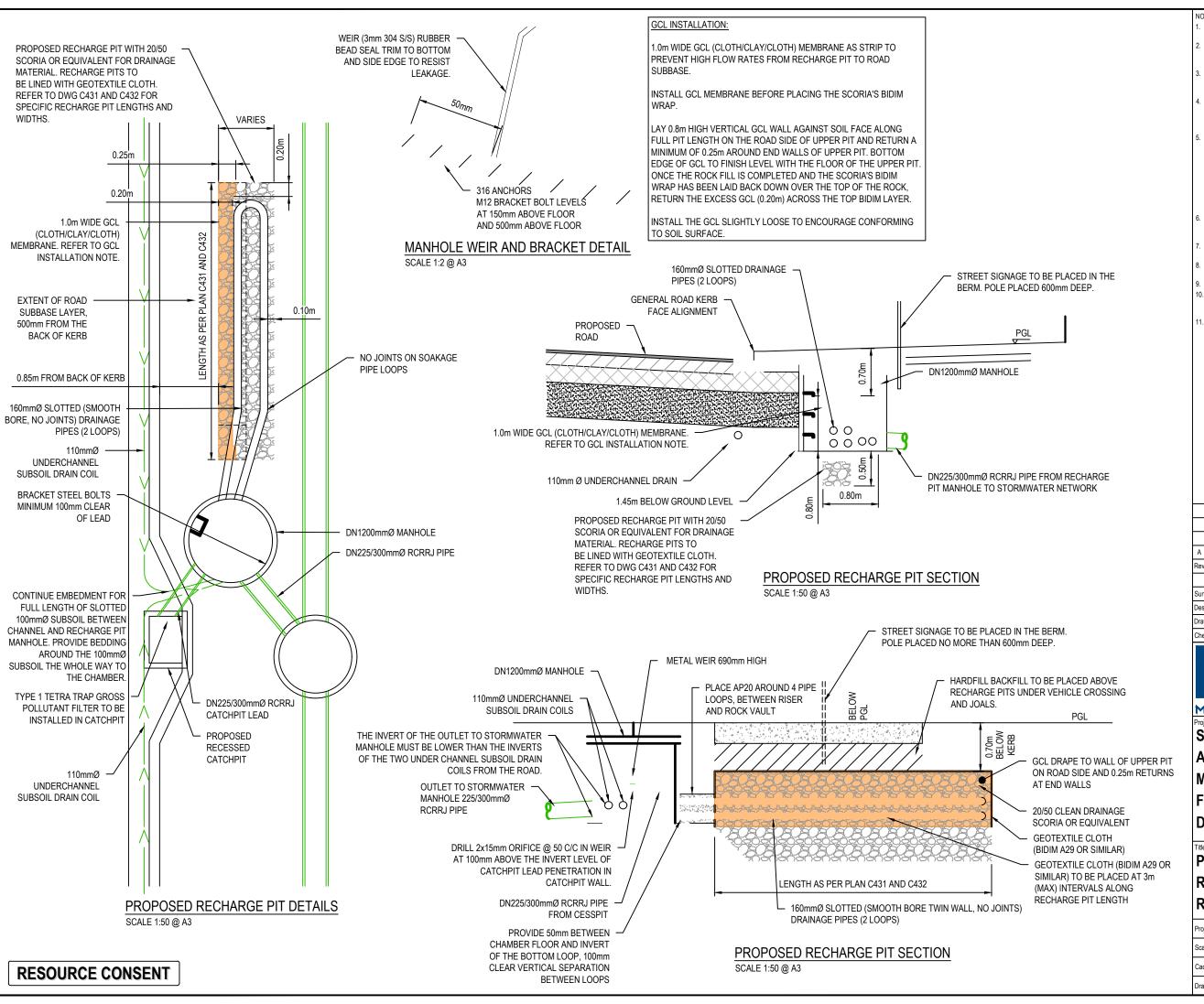


LEGEND

SUNFIELD SUBDIVISION AUCKLAND FOR SUNFIELD DEVELOPMENTS LTD.

PROPOSED WETLANDS -WETLAND 4 CROSS SEC. & OUTLET

Drawing no.	M-C4614	Rev	Α
Cad file	215010-M-C460-SW WETLANDS	.DWG	
Scale	AS SHOWN		
Project no.	215010		



- ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAN COUNCIL STANDARDS.
- COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE AUCKLAND VERTICAL DATUM 1946.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS
- PIPE BEDDING: 0 10% GRANULAR BEDDING,10 20% WEAK CONCRETE BEDDING GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOU BLOCKS AT 6m CRS)
- EACH CONNECTION SHALL BE MARKED BY A 50mmX50mm 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 GROUNI LEVEL. CONNECTIONS SHALL BE ACCURATELY INDICATED ON "AS BUILT" PLANS.
- APPROVED HARDFILL IS TO BE USED IN BACKFILLIN OF ALL ROAD CROSSINGS AND VEHICLE CROSSING TO COUNCIL STANDARDS.
- HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
- ALL MANHOLES ARE TO BE 1050mmØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
- ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0r
- D. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.
- I. ALL LOT CONNECTION TO BE MIN 100mm uPVC SN16 UNLESS SHOWN OTHERWISE.

Α	RES	SOURCE CONSENT		RK	02/2025	
Rev	Desc	ription		Ву	Date	
		Ву	Date			
Surve	у	SURVEYWORX	02/20	02/2021		
Design		YW	11/20	24		
Drawn		YW	11/20	11/2024		
Check	ced	JP/LC	02/20	25		



SUNFIELD DEVELOPMENT ARDMORE, AUCKLAND **MASTERPLANNING** FOR SUNFIELD **DEVELOPMENTS LIMITED**

PROPOSED PUBLIC ROAD STORMWATER RECHARGE PIT DETAIL

	Project no.	215010		
	Scale	AS SHOWN		
	Cad file	215010-M-C470.DWG		
	Drawing no.	M-C470	Rev	Α

