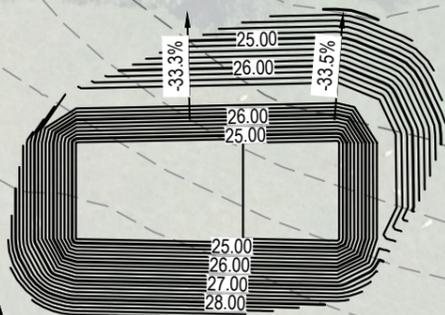




LOT 1 DP 151639
4000

LOT 2 DP 345389
126470

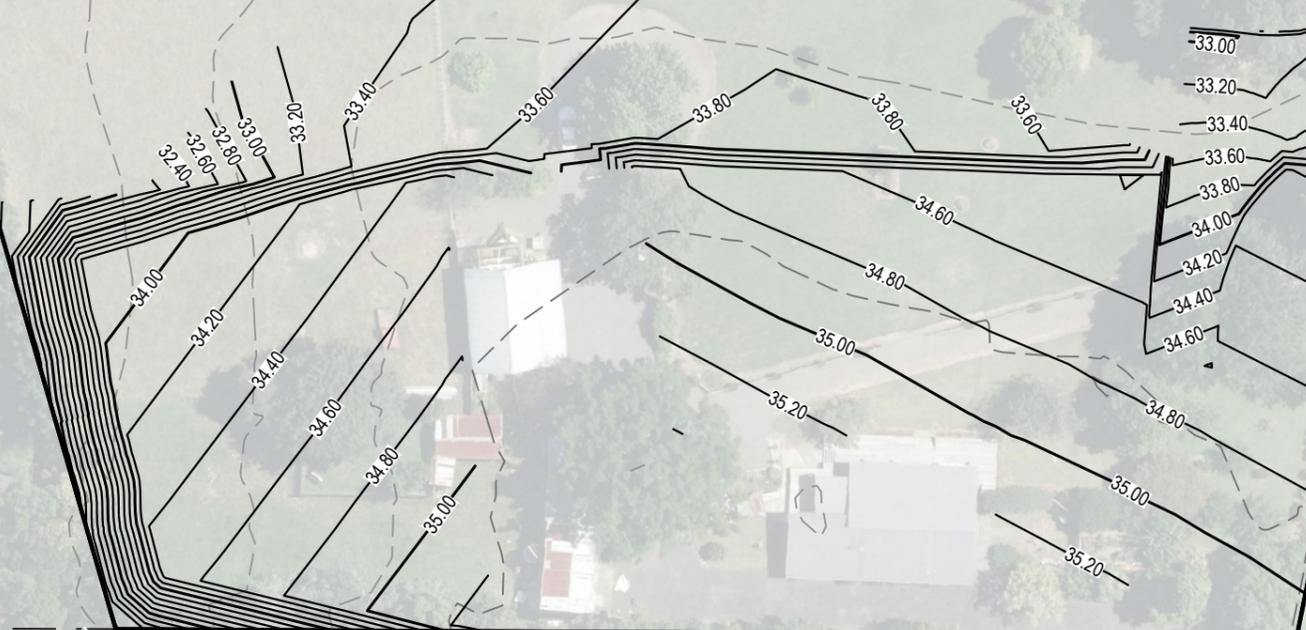


PT LOT 1 DEEDS
REG 167 24281

LOT 2 DP 44182
12199

GREAT SOUTH ROAD

LOT 2 DP 345389
150070



LOT 1 DEEDS
REG 1139 15985

LOT 1 DP 345389
11800

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
 3. LEVELS IN TERMS OF THE NZVD2016.
 4. ORIGIN: RM SO 45115 (DLA9) HEIGHT = 12.43m
 5. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 6. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 7. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 8. SEDIMENT CONTROL SHALL BE INSTALLED AND OPERATIONAL BEFORE EARTHWORKS START ONSITE IN ACCORDANCE WITH COUNCIL STANDARDS.
 9. CONTRACTOR SHALL PROVIDE AS-BUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
 10. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

---	EX BDY
---	PROP BDY
---	EX MAJOR CONTOUR
---	EX MINOR CONTOUR
---	PR MAJOR CONTOUR
---	PR MINOR CONTOUR
---	EX OLF

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025



Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 EARTHWORKS
 PLAN**

Project no.	261002
Scale	1:750 @ A3
Cad file	261002-C200.DWG
Drawing no.	C200
Rev	B

RESOURCE CONSENT

DATE: 8/19/25 FILE PATH: F:\Maven\PROJECTS\261002 - 1206 GREAT SOUTH ROAD, RUNCIMAN\DWG\261002-C200.DWG



LEGEND

	EX BDY
	PROP BDY
	EX MAJOR CONTOUR
	EX MINOR CONTOUR
	EX OLFP

Cut/Fill Table			
Number #	Minimum Elevation	Maximum Elevation	Color
1	-4.000	-3.000	
2	-3.000	-2.000	
3	-2.000	-1.000	
4	-1.000	0.000	
5	0.000	1.000	
6	1.000	2.000	
7	2.000	3.000	

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
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Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

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Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 EARTHWORKS
 PLAN**

Project no.	261002
Scale	1:750 @ A3
Cad file	261002-C200.DWG
Drawing no.	C220
Rev	B

EARTH WORKS (SURFACE EGL-250mm COMPARISON WITH SURFACE PGL-300mm)
 CUT VOLUME 2,420 m³
 FILL VOLUME 2,430m³
 NET FILL 10 m³

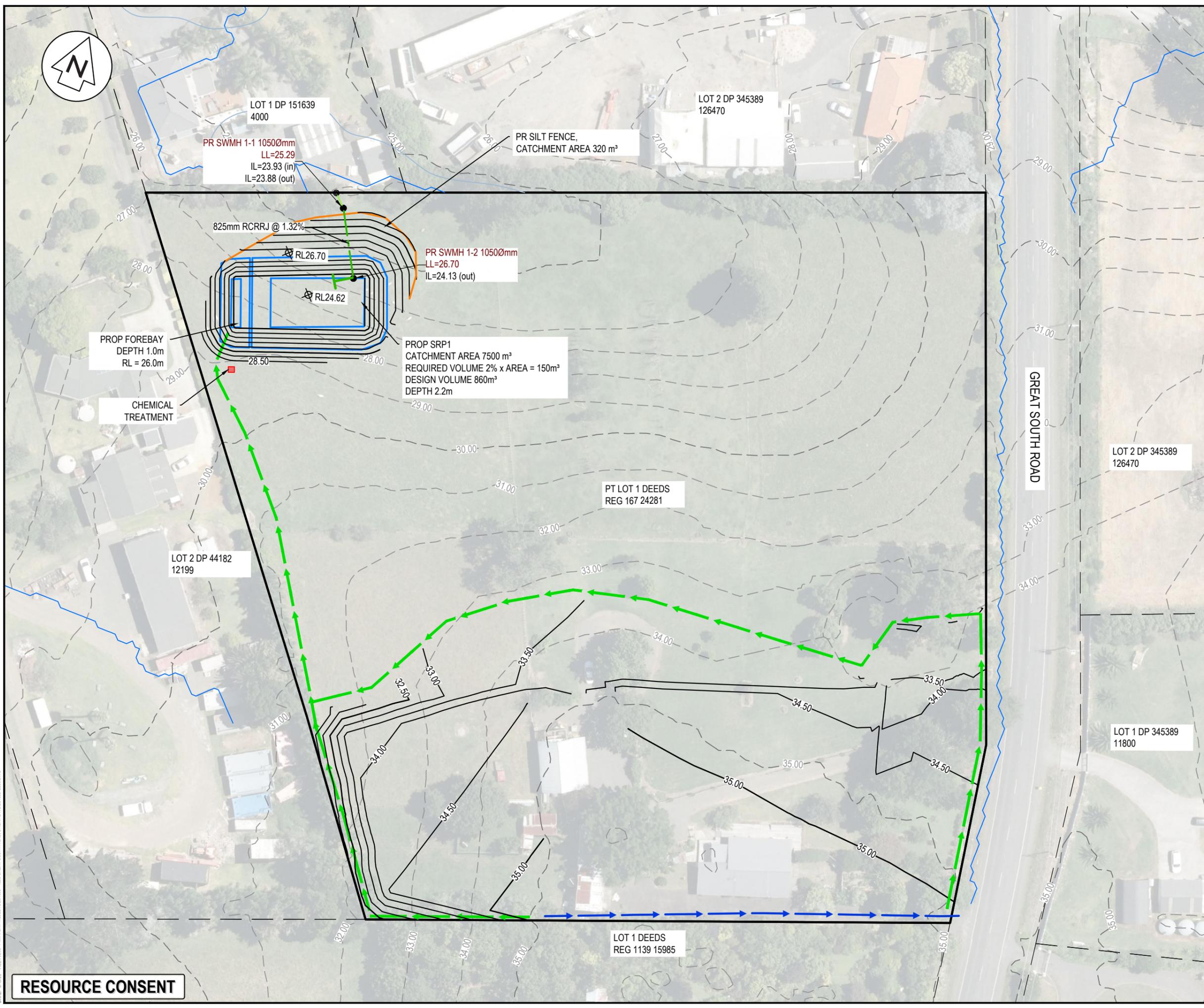
TOPSOIL STRIPPED (250mm) = 1880m³
 EARTHWORKS AREA = 7,500m² /0.75 Ha

NOTE: NO ALLOWANCE FOR SERVICES TRENCHES, VOLUMES ARE UNFACTORED AND IN SITU



RESOURCE CONSENT

DATE: 8/19/25 FILE PATH: F:\Maven\PROJECTS\261002 - 1206 GREAT SOUTH ROAD DMRP\DWG\261002-C200.DWG



LEGEND

---	EX BDY
---	PROP BDY
---	EX MAJOR CONTOUR
---	EX MINOR CONTOUR
---	PR MAJOR CONTOUR
---	PR MINOR CONTOUR
---	PROP EXTENT WORK
---	PROP CLEANWATER
---	PROP DIRTYWATER
---	PROP SILT FENCE
---	PROP DECANT
---	PROP DECANT BAR

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

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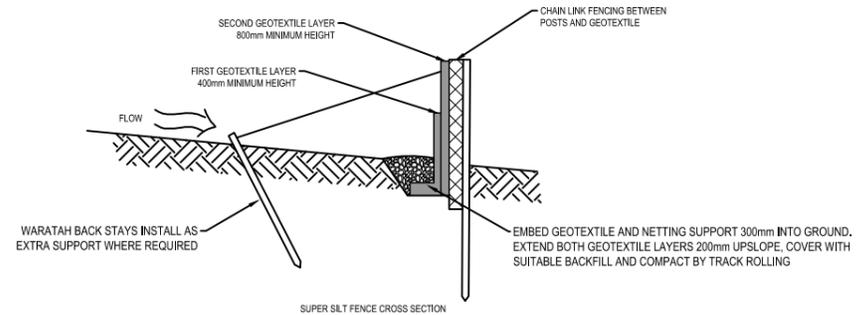
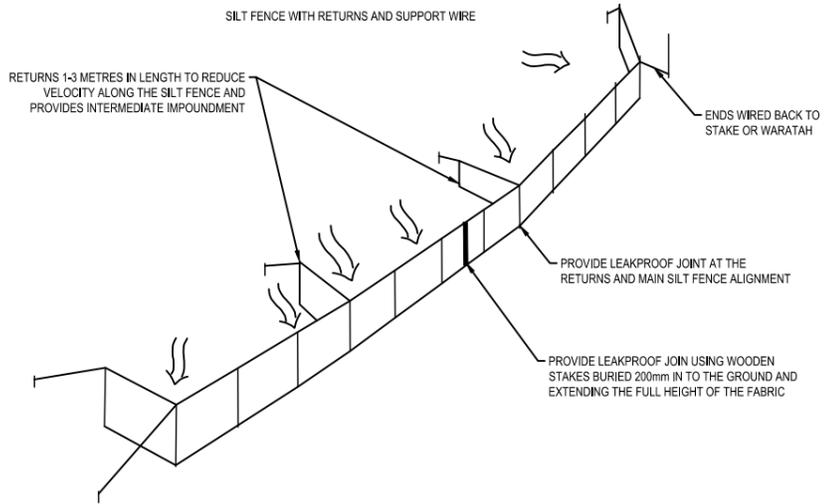
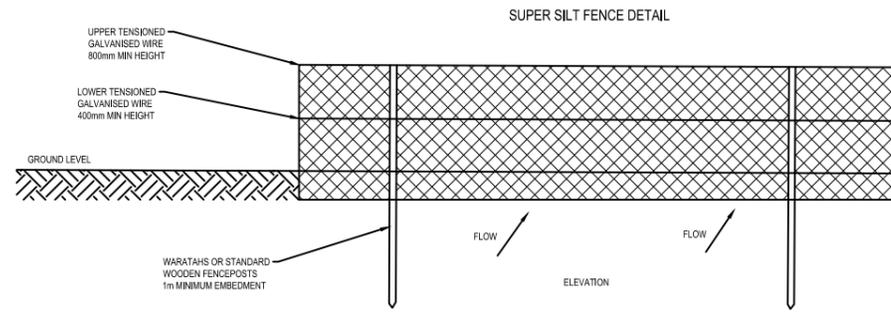
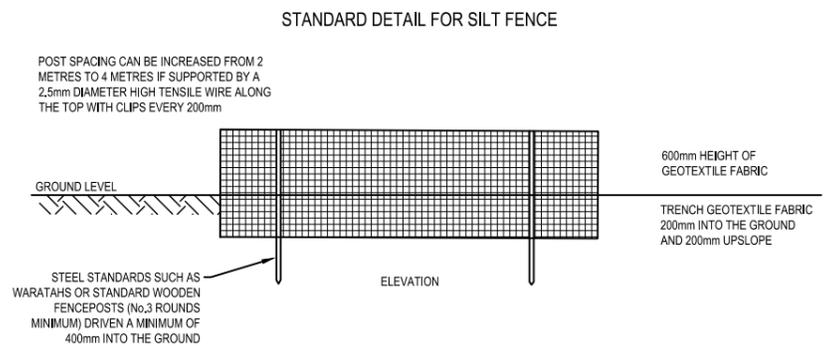
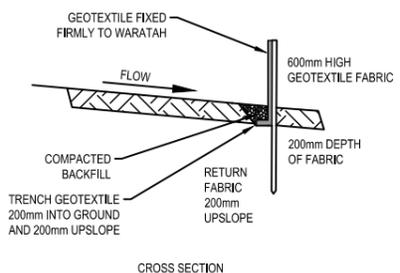
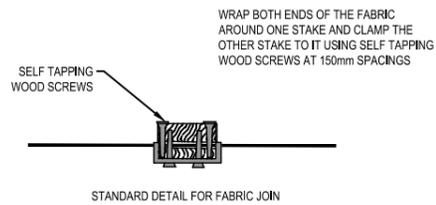
Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 EROSION AND SEDIMENT
 CONTROL PLAN**

Project no.	261002
Scale	1:750 @ A3
Cad file	261002-C230.DWG
Drawing no.	C230
Rev	B

RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\Maven\PROJECTS\261002 - 1206 GREAT SOUTH ROAD, RUNCIMAN\DWG\261002-C230.DWG



DATE: 8/19/25

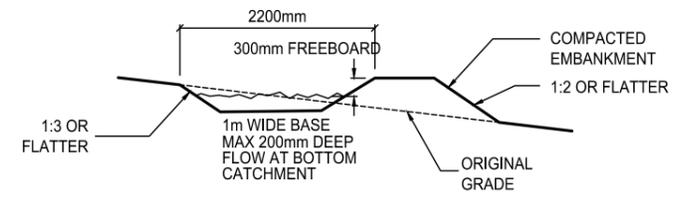
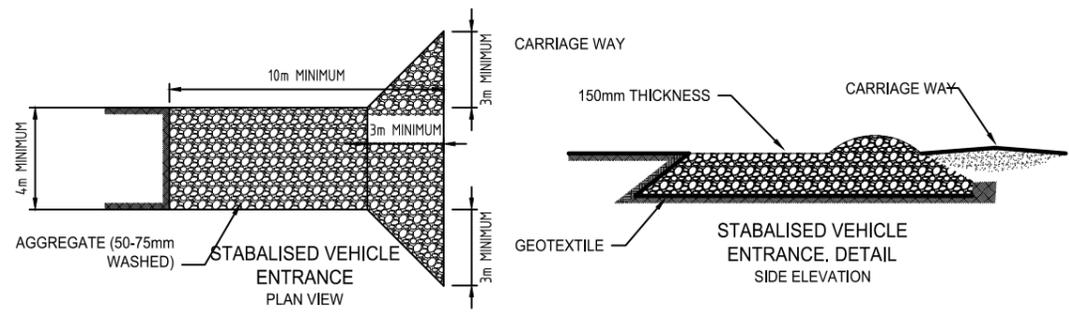
Rev	Description	By	Date
A	RC	JAW	05/2024
Survey	SURVEY THE BAY	02/21	
Design	SM	02/21	
Drawn	SM	02/21	
Checked	AC	02/21	

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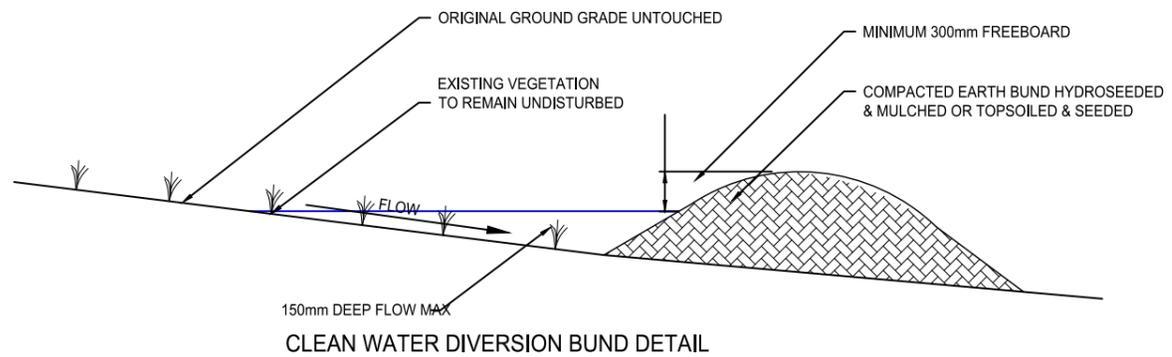
Project
**PROP DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 DRURY, AUCKLAND
 FOR
 PMG FUNDS**

Title
**EROSION AND SEDIMENT
 STANDARD DETAILS**

Project no.	285002
Scale	NTS
Cad file	261002-C240 DETAILS.DWG
Drawing no.	C241
Rev	A



TYPICAL CROSS SECTION OF A RUNOFF DIVERSION
TYPICAL DIMENSIONS UNLESS OTHERWISE NOTED



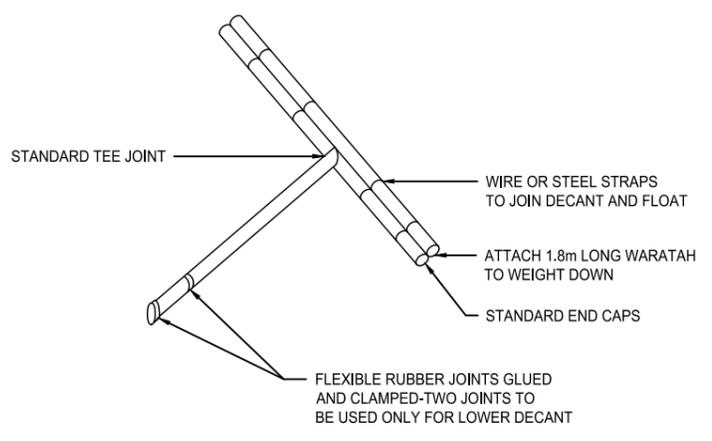
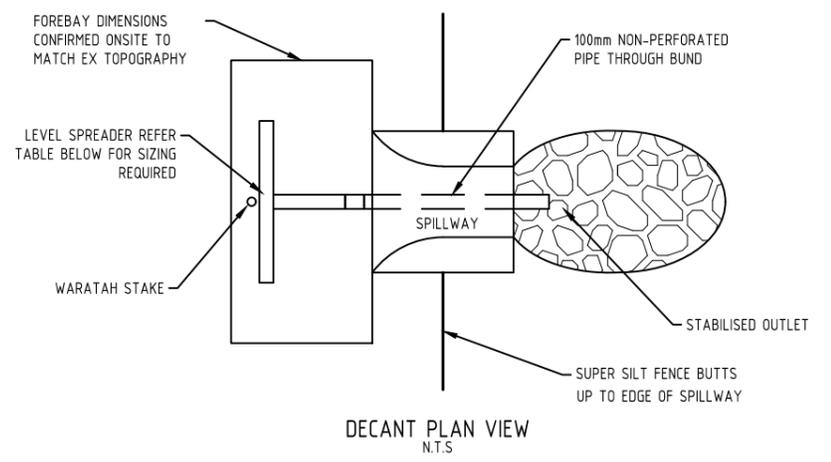
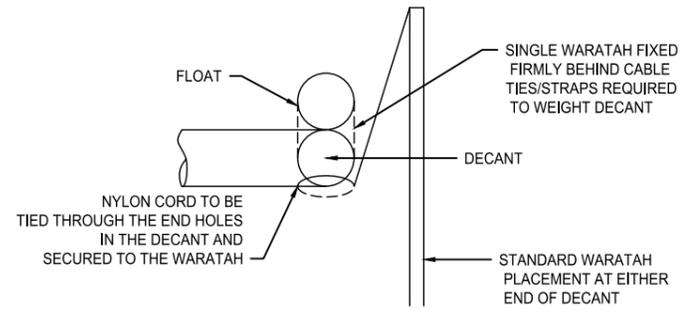
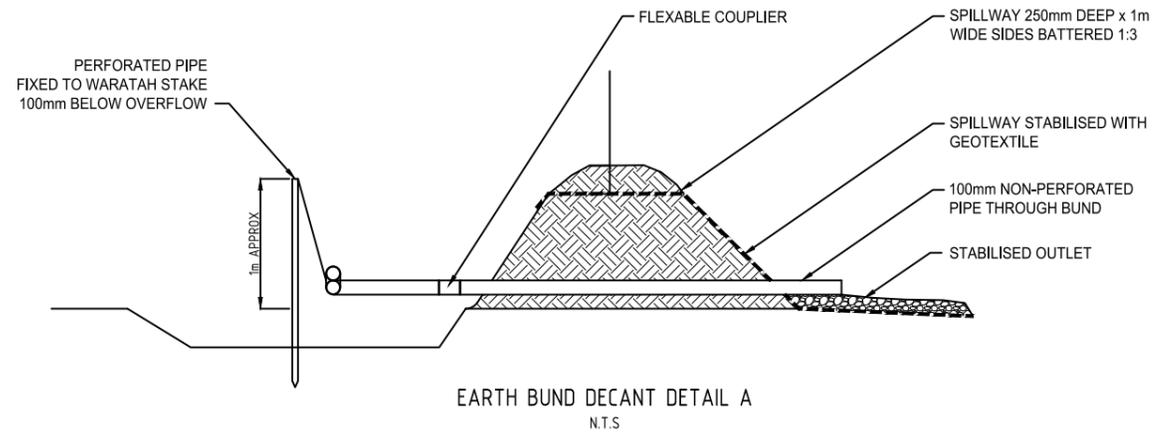
Rev	Description	By	Date
A	RC	JAW	05/2024
Survey	SURVEY THE BAY		02/21
Design	SM		02/21
Drawn	SM		02/21
Checked	AC		02/21

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Project
**PROP DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 DRURY, AUCKLAND
 FOR
 PMG FUNDS**

Title
**EROSION AND SEDIMENT
 STANDARD DETAILS**

Project no.	285002
Scale	NTS
Cad file	261002-C240 DETAILS.DWG
Drawing no.	C242
Rev	A



LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT)				
DESIGN FLOW (m ³ /sec)	INLET WIDTH (m)	DEPTH (m)	END WIDTH (m)	LENGTH (mm)
0-0.3	3	150	1	3
0.3-0.6	5	180	1	7
0.6-0.9	7	220	1	10

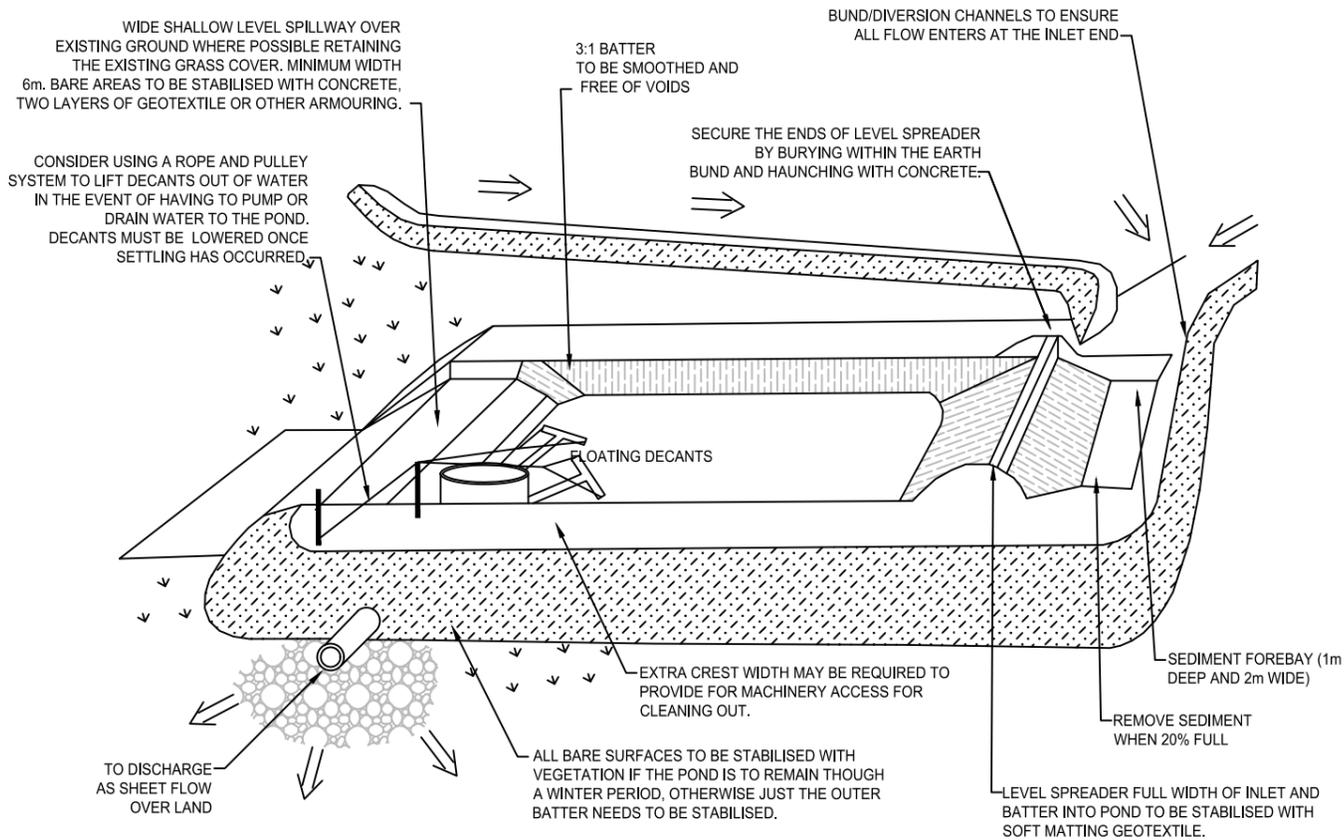
Rev	Description	By	Date
A	RC	JAW	05/2024
Survey	By	Date	
Design	SM	02/21	
Drawn	SM	02/21	
Checked	AC	02/21	

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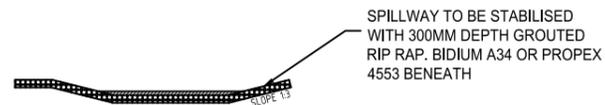
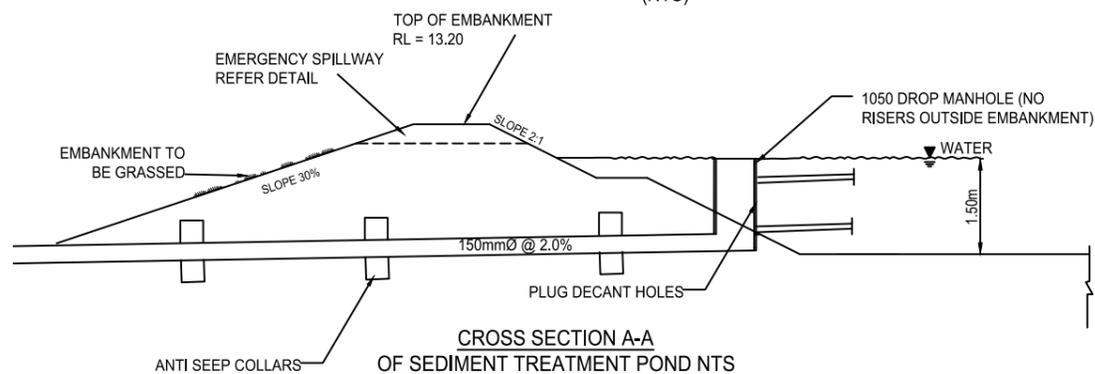
Project
**PROP DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 DRURY, AUCKLAND
 FOR
 PMG FUNDS**

Title
**EROSION AND SEDIMENT
 STANDARD DETAILS**

Project no.	285002
Scale	NTS
Cad file	261002-C240 DETAILS.DWG
Drawing no.	C243
Rev	A



SEDIMENT POND DETAILS (NTS)



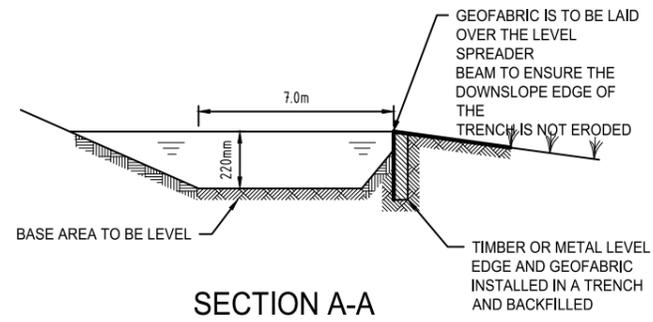
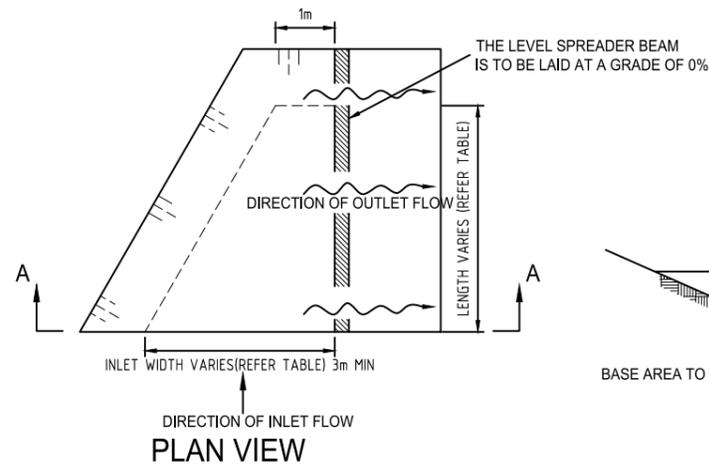
A	RC	JAW	05/2024
Rev	Description	By	Date
Survey	SURVEY THE BAY	02/21	
Design	SM	02/21	
Drawn	SM	02/21	
Checked	AC	02/21	

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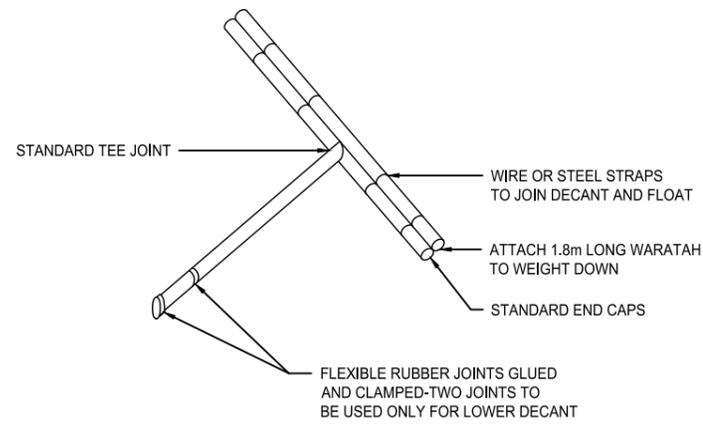
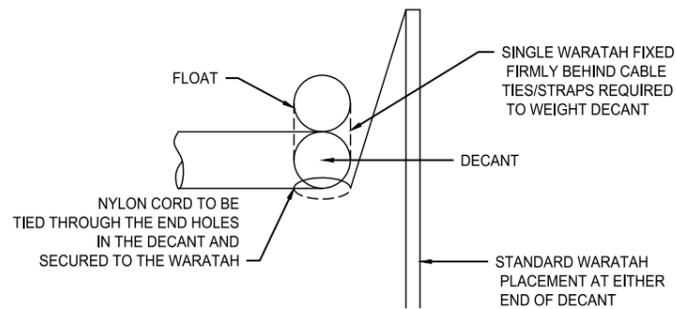
Project
**PROP DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 DRURY, AUCKLAND
 FOR
 PMG FUNDS**

Title
**EROSION AND SEDIMENT
 STANDARD DETAILS**

Project no.	285002
Scale	NTS
Cad file	261002-C240 DETAILS.DWG
Drawing no.	C244
Rev	A



LEVEL SPREADER DESIGN CRITERIA (20 YEAR STORM EVENT)				
DESIGN FLOW (m ³ /sec)	INLET WIDTH (m)	DEPTH (m)	END WIDTH (m)	LENGTH (mm)
0-0.3	3	150	1	3
0.3-0.6	5	180	1	7
0.6-0.9	7	220	1	10



A	RC	JAW	05/2024
Rev	Description	By	Date
Survey	SURVEY THE BAY	02/21	
Design	SM	02/21	
Drawn	SM	02/21	
Checked	AC	02/21	

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Project
**PROP DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 DRURY, AUCKLAND
 FOR
 PMG FUNDS**

Title
**EROSION AND SEDIMENT
 STANDARD DETAILS**

Project no.	285002
Scale	NTS
Cad file	261002-C240 DETAILS.DWG
Drawing no.	C245
Rev	A



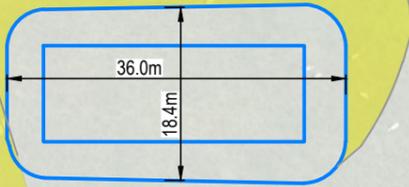
LOT 1 DP 151639
4000

LOT 2 DP 345389
126470

EX FENCE TO REMAIN

PR HARDFILL & PAVE : 4,400 m²
 PR SWALE / POND : 1,310 m²
 PR LANDSCAPE: 700 m²
 EX SITE TO BE REFORMED 950m²
 EX SITE TO REMAIN: 16,919m²
 TOTAL: 24,279 m²

LANDSCAPE DETAILS REFER TO LA4



EX SITE 2 TO REMAIN

PT LOT 1 DEEDS
REG 167 24281

LOT 2 DP 44182
12199

GREAT SOUTH ROAD

LOT 2 DP 345389
126470

EX SITE 1, 1900M²,
50% AREA TO BE
REFORMED AS HARDFILL

LOT 1 DEEDS
REG 1139 15985

LOT 1 DP 345389
11800

NOTES

1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000
3. LEVELS IN TERMS OF THE NZVD 2016.
4. ORIGIN: RM SO 45115 (DLA9) HEIGHT = 12.43m
4. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
5. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
6. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
7. SEDIMENT CONTROL SHALL BE INSTALLED AND OPERATIONAL BEFORE EARTHWORKS START ONSITE IN ACCORDANCE WITH COUNCIL STANDARDS.
8. CONTRACTOR SHALL PROVIDE AS-BUILT OF WORKING SEDIMENT CONTROL DEVICES AND CONFIRMATION OF POND/DECENT VOLUMES TO ENGINEER.
9. SEDIMENT CONTROL TO COMPLY WITH GD05 STANDARDS.

LEGEND

- EX BDY
- PROP BDY
- PR SWALE 2 m WIDTH
- PR SWALE 3 m WIDTH
- PR DRY POND
- PROP/EX ACCESS
- PROP HARDFILL
- PROP LANDSCAPE
- KARO HEDGE/ SCREENING
- EX OLFP

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	05/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

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Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 SITE
 PLAN**

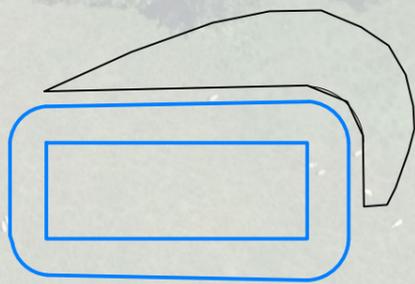
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Scale	1:750 @ A3
Cad file	261002-C250.DWG
Drawing no.	C250
Rev	B

RESOURCE CONSENT



LOT 1 DP 151639
4000

LOT 2 DP 345389
126470



LOT 2

PT LOT 1 DEEDS
REG 167 24281

LOT 2 DP 44182
12199

GREAT SOUTH ROAD

LOT 2 DP 345389
126470

A-A
C320

EX VEHICLE CROSSING 1
TO BE RELOCATED
STANDARD DETAIL AS
PER VX0303 C

300mm RCRRJ
CLASS 4 @3.4%
DETAIL AS PER
C321

LOT 1 DP 345389
11800

LOT 1

LOT 1 ACCESS

LOT 1 DEEDS
REG 1139 15985

EX VEHICLE CROSSING 2
TO REMAIN

10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
13. ALL STREET NAME SIGNS SHALL FOLLOW ATCOP GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
14. ALL LINE MARKINGS TO BE REFLECTORISED IN ACCORDANCE WITH MOTSAM STANDARDS.
15. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH MOTSAM STANDARDS.
16. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
17. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO. FP006.

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

LEGEND



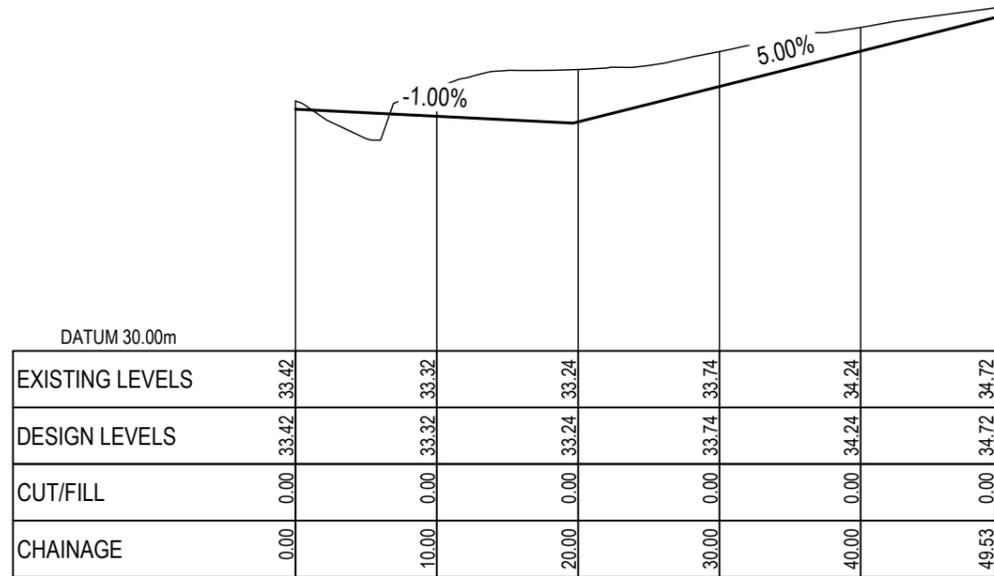
Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 ROADING
 PLAN**

Project no.	261002
Scale	1:750 @ A3
Cad file	261002-C300.DWG
Drawing no.	C300
Rev	B

RESOURCE CONSENT



LOT 1 VEHICLE ACCESS LONG SECTION
SCALE: HORI 1:500 VERT 1:100

10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
13. ALL STREET NAME SIGNS SHALL FOLLOW ATCOP GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
14. ALL LINE MARKINGS TO BE REFLECTORISED IN ACCORDANCE WITH MOTSAM STANDARDS.
15. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH MOTSAM STANDARDS.
16. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
17. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
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 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/BEAM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025



Project
**DEVELOPMENT OF
1206 GREAT SOUTH ROAD
RUNCIMAN
FOR
PMG FUNDS**

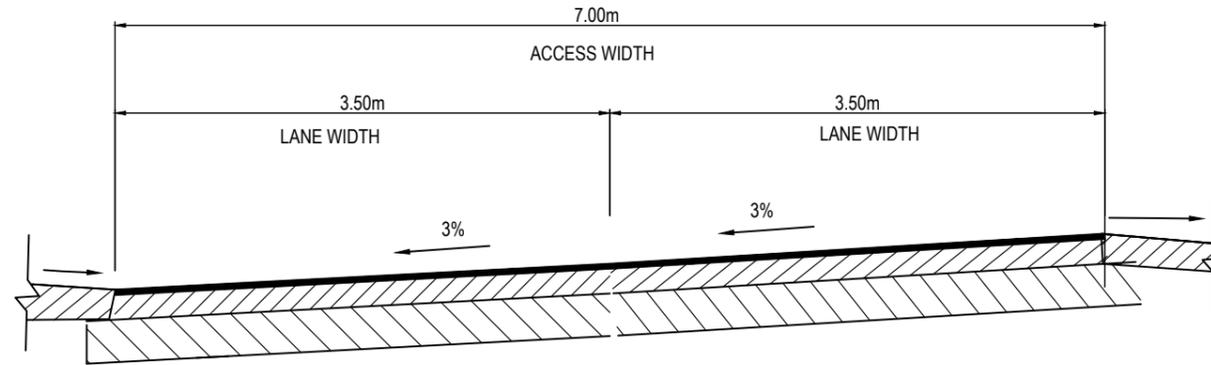
Title
**PROPOSED
VEHICLE ACCESS
LONG SECTION**

Project no.	261002		
Scale	AS SHOWN		
Cad file	261002-C300.DWG		
Drawing no.	C310	Rev	B

RESOURCE CONSENT

10. PRAM CROSSINGS ARE TO BE FLUSH TO THE CHANNEL WITH NO LIP.
11. ALL KERB AND CHANNEL TO HAVE SAW CUTS AT MAX. 3M CENTRES. ALL SAW CUTS TO COINCIDE WITH FOOTPATH JOINTS.
12. ALL SIGNAGE AND PAVEMENT MARKINGS TO BE IN ACCORDANCE WITH NZTA MOTSAM STANDARDS AND THE ATCOP TDM.
13. ALL STREET NAME SIGNS SHALL FOLLOW ATCOP GUIDELINES IN TERMS OF LAYOUT, CLEARANCES, AND CONSTRUCTION DETAILS.
14. ALL LINE MARKINGS TO BE REFLECTORISED IN ACCORDANCE WITH MOTSAM STANDARDS.
15. THE MINIMUM VERTICAL AND LATERAL CLEARANCES FOR SIGNAGE SHALL BE IN ACCORDANCE WITH MOTSAM STANDARDS.
16. STREET LIGHTING SHALL BE DESIGNED IN ACCORDANCE WITH ALL APPLICABLE NEW ZEALAND STANDARDS INCLUDING BUT NOT RESTRICTED TO THE CURRENT VERSION OF AS/NZS 1158 LIGHTING FOR ROADS AND PUBLIC SPACES SERIES OF STANDARDS.
17. ALL NEW, MODIFIED OR UPGRADED PRAM CROSSINGS MUST BE IN ACCORDANCE WITH RTS 14 GUIDELINES FOR FACILITIES FOR BLIND AND VISION-IMPAIRED PEDESTRIANS AND NZS/AS 1428.4 AND MUST COMPLY WITH THE DETAILS PROVIDED IN AT'S STANDARD PLAN NO.FP006.

- NOTES
1. ALL WORKS TO BE IN ACCORDANCE WITH AUCKLAND COUNCIL STANDARDS.
 2. CONTRACTOR IS TO AVOID USING GPS FOR SET OUT OF THE KERB LEVELS WHERE GRADIENTS ARE LESS THAN 1%.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. THE CONTRACTOR SHALL COMPLY WITH ALL RELEVANT HEALTH AND SAFETY REQUIREMENTS.
 5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 6. FINAL PAVEMENT DESIGN SUBJECT TO CBR/B EAM TESTS ON SUBGRADE MATERIAL.
 7. SETOUT SCHEDULE WITH COORDINATES OF CHAINAGE POINTS ALONG ROAD CENTRELINE TO BE SUPPLIED TO THE CONTRACTOR PRIOR TO CONSTRUCTION.
 8. REFER TO LONG SECTION FOR FINISHED CENTRELINE LEVELS. REFER TO TYPICAL CROSS SECTIONS TO OBTAIN LEVELS FOR OTHER LOCATIONS.
 9. ALL DUCTS SHALL HAVE LOCATIONS MARKED ON KERB LINES IN ACCORDANCE WITH SPECIFICATION.



○ TYPICAL ACCESS PAVE CROSS SECTION A-A
NTS

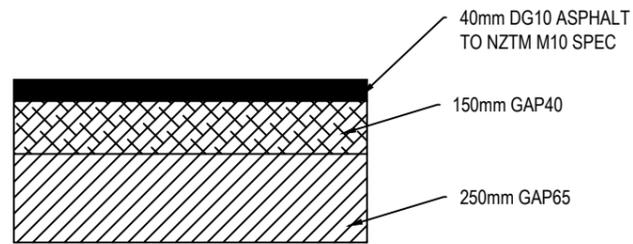
Rev	Description	By	Date
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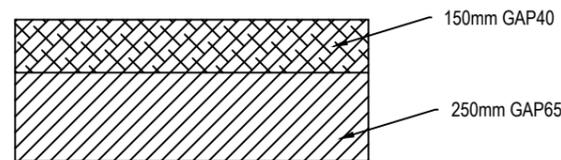
Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 ROADING
 DETAILS**

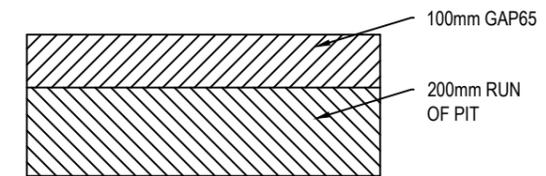
Project no.	261002
Scale	NTS
Cad file	261002-C300.DWG
Drawing no.	C320
Rev	B



○ TYPICAL ASPHALT PAVE DETAIL
NTS, SUBGRADE Min. CBR 5



○ TYPICAL METALLED ACCESS
NTS, SUBGRADE Min. CBR 5



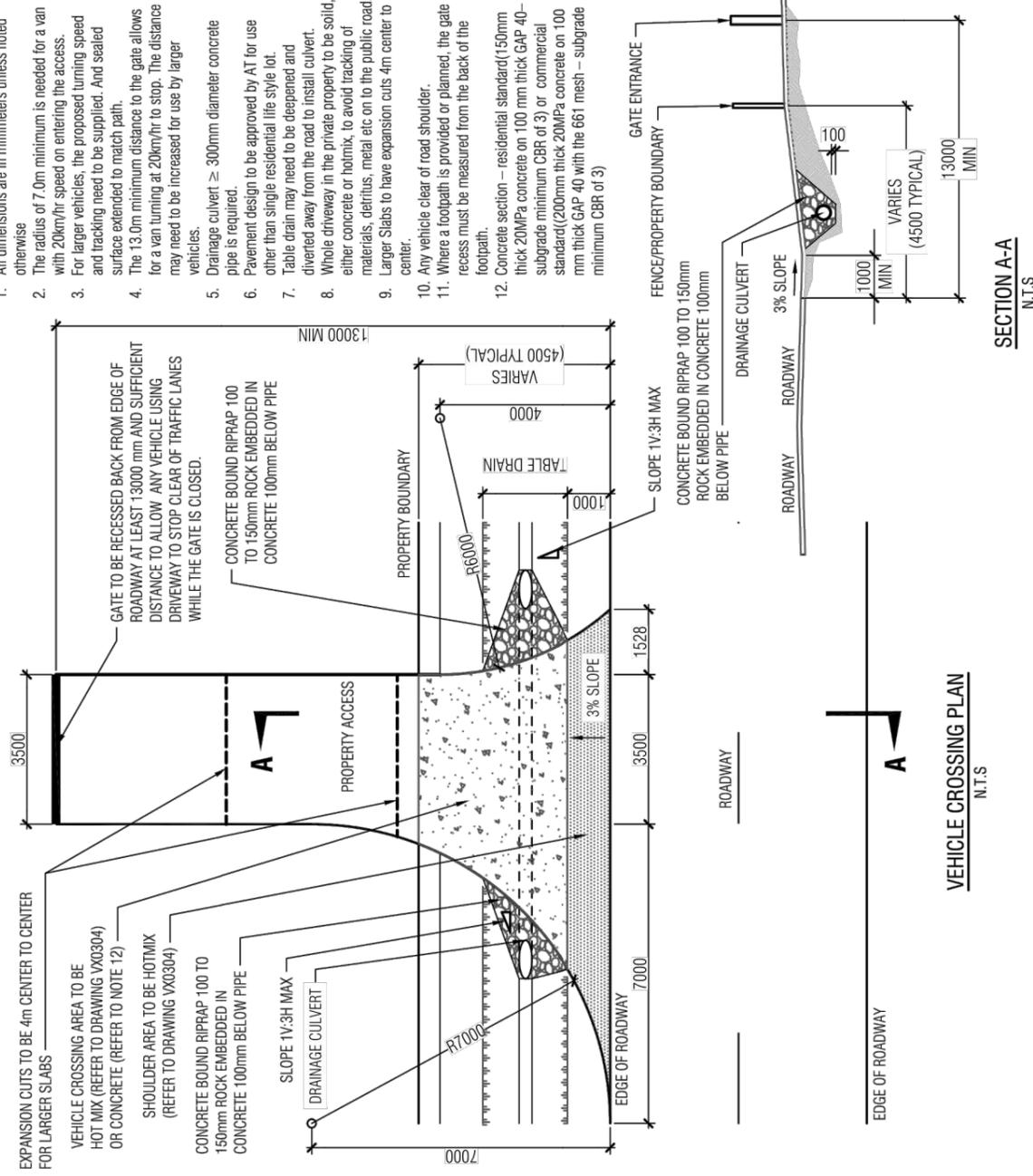
○ SITE HARDFILL DETAIL
NTS, SUBGRADE Min. CBR 5

RESOURCE CONSENT

VX0303



3D VIEW
N.T.S



Transport Design Manual | Standard Engineering Details

NOTES:

- All dimensions are in millimeters unless noted otherwise
- The radius of 7.0m minimum is needed for a van with 20km/hr speed on entering the access.
- For larger vehicles, the proposed turning speed and tracking need to be supplied. And sealed surface extended to match path.
- The 13.0m minimum distance to the gate allows for a van turning at 20km/hr to stop. The distance may need to be increased for use by larger vehicles.
- Drainage culvert \geq 300mm diameter concrete pipe is required.
- Pavement design to be approved by AT for use other than single residential life style lot.
- Table drain may need to be deepened and diverted away from the road to install culvert.
- Whole driveway in the private property to be solid, either concrete or hotmix, to avoid tracking of materials, detritus, metal etc on to the public road.
- Larger Slabs to have expansion cuts 4m center to center.
- Any vehicle clear of road shoulder.
- Where a footpath is provided or planned, the gate recess must be measured from the back of the footpath.
- Concrete section – residential standard (150mm thick 20MPa concrete on 100 mm thick GAP 40-subgrade minimum CBR of 3) or commercial standard (200mm thick 20MPa concrete on 100 mm thick GAP 40 with the 66:1 mesh – subgrade minimum CBR of 3)

Date: 11/04/2022
Version: VX0303 C

TDM TECHNICAL STANDARDS
Rural Vehicle Crossing (Zone Speed > 60km/hr)



Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025

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Project
**DEVELOPMENT OF
1206 GREAT SOUTH ROAD
RUNCIMAN
FOR
PMG FUNDS**

Title
**VEHICLE CROSSING
STANDARD DETAIL**

Project no.	261002
Scale	
Cad file	261002-C300.DWG
Drawing no.	C321
Rev	B



REFER TO C401

LOT 1 DP 151639
4000

LOT 2 DP 345389
126470

GREAT SOUTH ROAD

LOT 2 DP 345389
126470

PT LOT 1 DEEDS
REG 167 24281

LOT 2 DP 44182
12199

S1-3

S1-1

PR 300mm RCRRJ
CLASS 4 @Min. 1%
FOR VEHICLE
CROSSING

PR 300mm RCRRJ
CLASS 4 @3.4% FOR
VEHICLE CROSSING

S1-2

LOT 1 DP 345389
11800

LOT 1 DEEDS
REG 1139 15985

EX CULVERT TO REMIAN

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 7. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
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 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

LEGEND

	EX BDY
	PROP BDY
	PR SWALE 2 m WIDTH
	PR SWALE 3 m WIDTH
	EX OLFP
	PR DRY POND
	EX FLOODPLAIN
	EX FLOOD PLAIN TO BE FILLED
	PR RIPRAP
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH

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Design	JAW		05/2025
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 Auckland 1023

Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 STORMWATER
 PLAN**

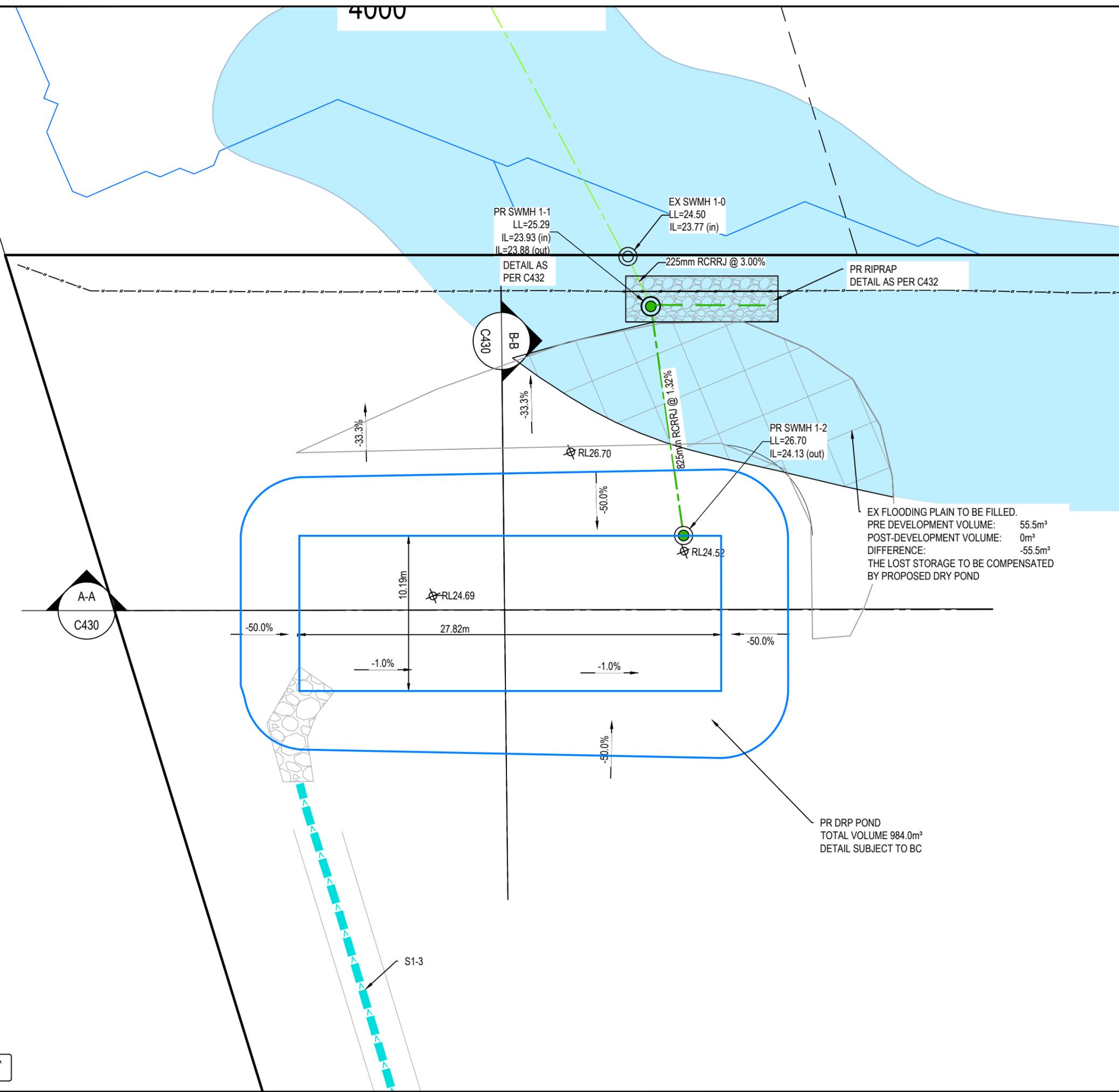
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Scale	1:750 @ A3
Cad file	261002-C400.DWG
Drawing no.	C400
Rev	B

RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\MVEN\PROJECTS\261002 - 1206 GREAT SOUTH ROAD, DRURY\DWG\261002-C400.DWG



4000



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LEGEND

	EX BDY
	PROP BDY
	PR MAJOR CONTOUR
	PR MINOR CONTOUR
	PR SWALE 2 m WIDTH
	PR SWALE 3 m WIDTH
	EX OLFP
	PR DRY POND
	EX FLOODPLAIN
	EX FLOOD PLAIN TO BE FILLED
	PR RIPRAP
	EX STORMWATER
	PR STORMWATER
	EX/PROP SWMH

EX FLOODING PLAIN TO BE FILLED.
 PRE DEVELOPMENT VOLUME: 55.5m³
 POST-DEVELOPMENT VOLUME: 0m³
 DIFFERENCE: -55.5m³
 THE LOST STORAGE TO BE COMPENSATED BY PROPOSED DRY POND

PR DRP POND
 TOTAL VOLUME 984.0m³
 DETAIL SUBJECT TO BC

B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025
Rev	Description	By	Date
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

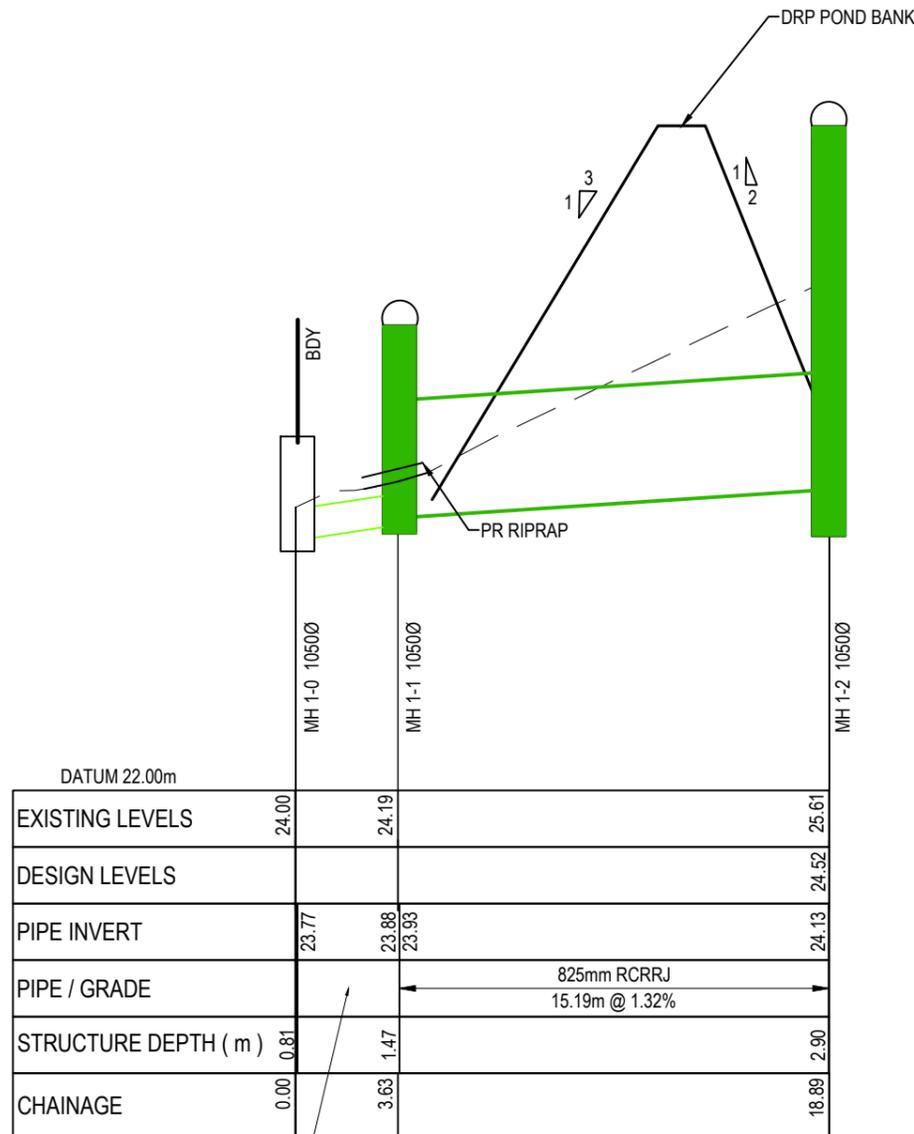
Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 STORMWATER
 PLAN**

Project no.	261002
Scale	1:250 @ A3
Cad file	261002-C400.DWG
Drawing no.	C401
Rev	B

RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\MAVEN\PROJECTS\261002 - 1206 GREAT SOUTH ROAD DRURY\DWG\261002-C400.DWG



225mm RCRRJ
3.60m @ 3.00%

SW 1 LONG SECTION
SCALE: HORI 1:250 VERT 1:50

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LEGEND

— EGL

— PGL

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B	FOR RC AMENDMENT	JAW	08/2025
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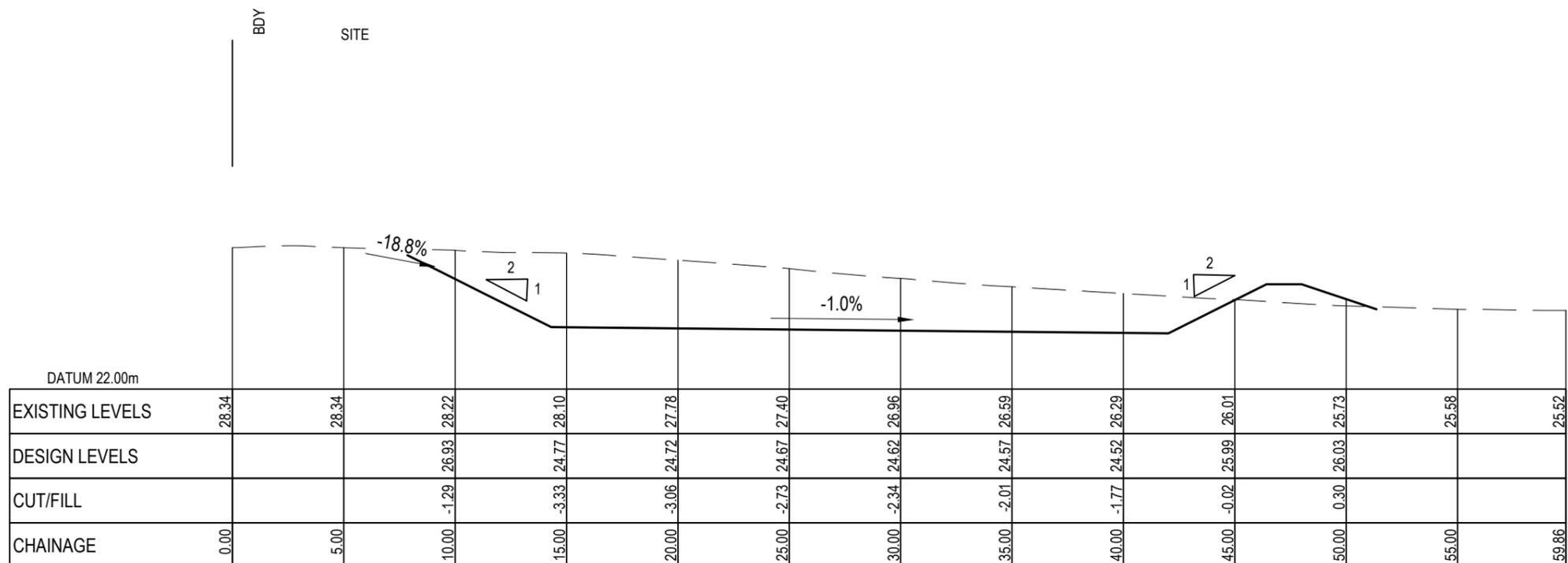
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Auckland 1023

Project
**DEVELOPMENT OF
1206 GREAT SOUTH ROAD
RUNCIMAN
FOR
PMG FUNDS**

Title
**PROPOSED
SW1
LONG SECTION**

Project no.	261002
Scale	AS SHOWN
Cad file	261002-C400.DWG
Drawing no.	C410
Rev	B

RESOURCE CONSENT



DRY POND CROSS SECTION A-A
SCALE: HORI 1:250 VERT 1:250

- NOTES
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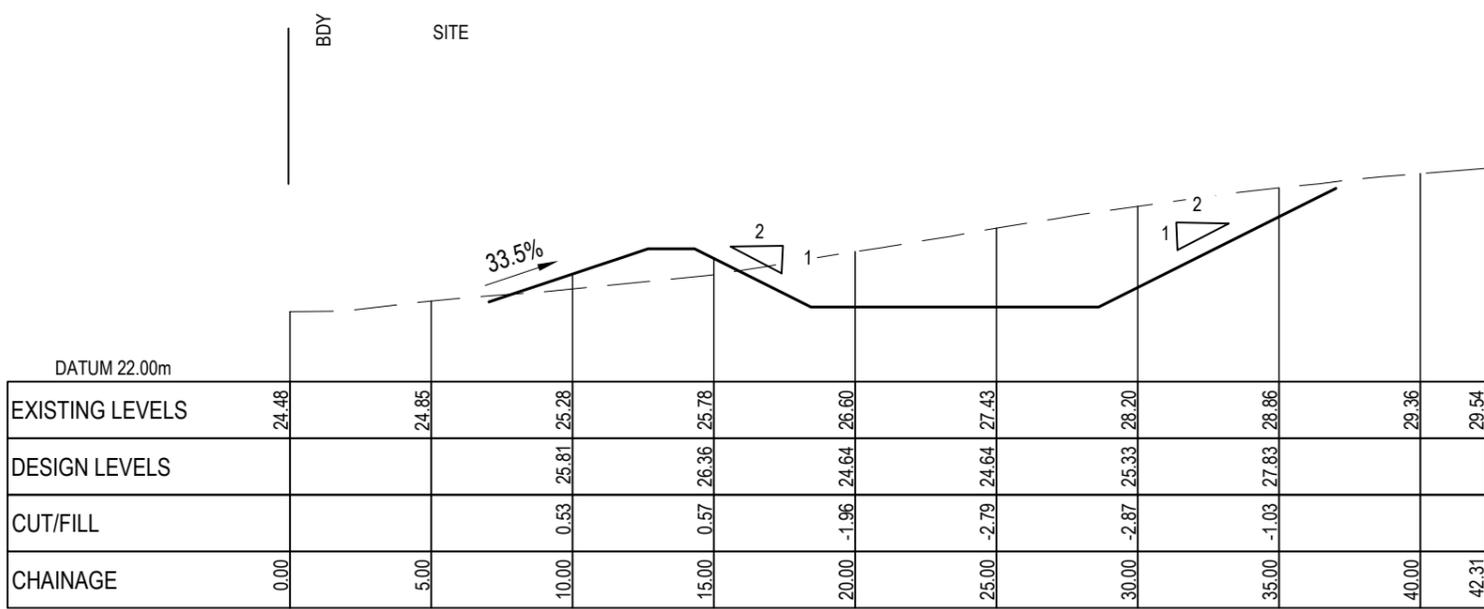
LEGEND
 --- EGL
 --- PGL

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Drawn	JAW		05/2025
Checked	TM		05/2025

Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 DRY POND
 CROSS SECTIONS**

Project no.	261002
Scale	AS SHOWN
Cad file	261002-C400.DWG
Drawing no.	C430
Rev	B

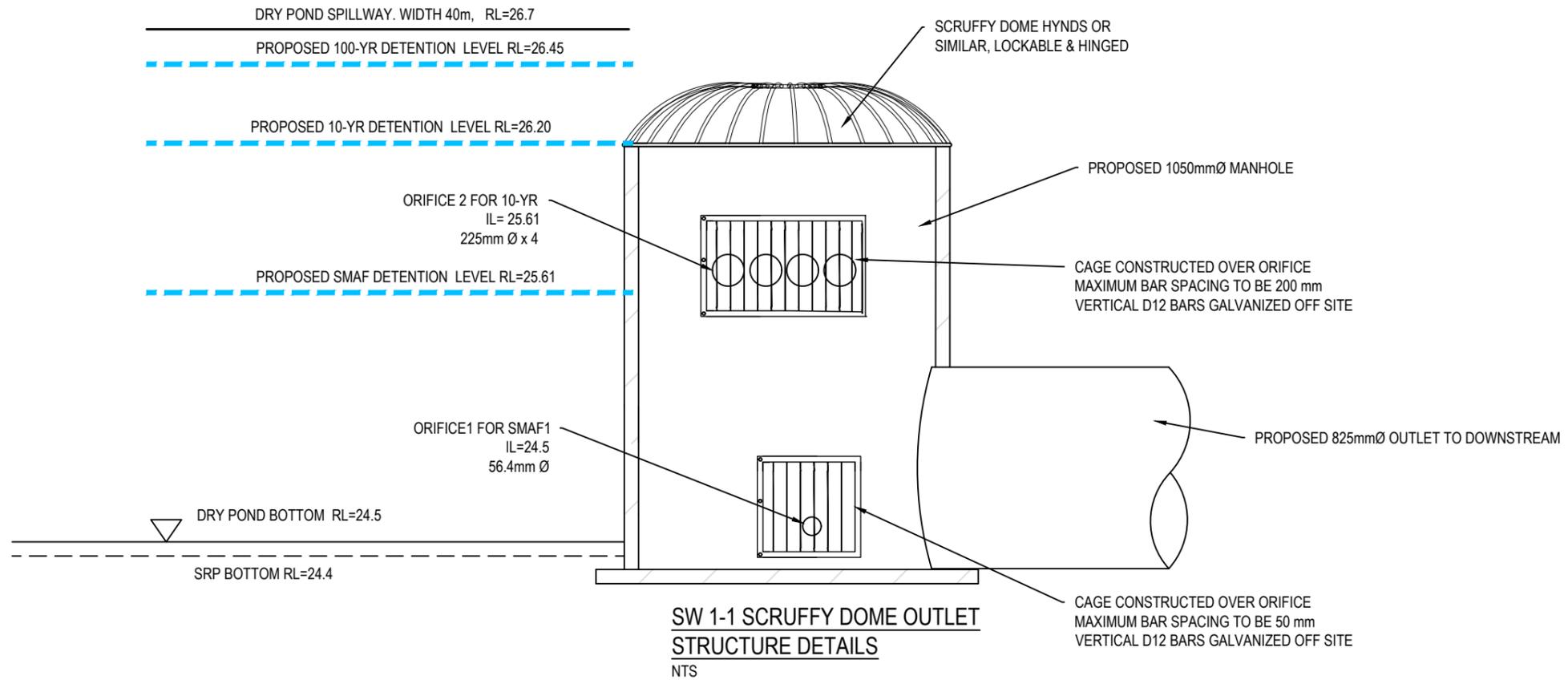


DRY POND CROSS SECTION B-B
SCALE: HORI 1:250 VERT 1:250

RESOURCE CONSENT

ORIFICE CORE DRILLED THROUGH MANHOLE OR ALTERNATIVELY FIX ORIFICE PLATE OVER SAWCUT HOLE. BOLT PLATE IN FOUR CORNERS AND EPOXY SEAL.

- NOTES
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LEGEND
 --- EGL
 --- PGL

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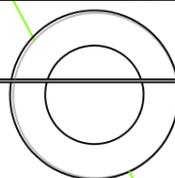
Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 DRY POND
 OUTLET STRUCTURE**

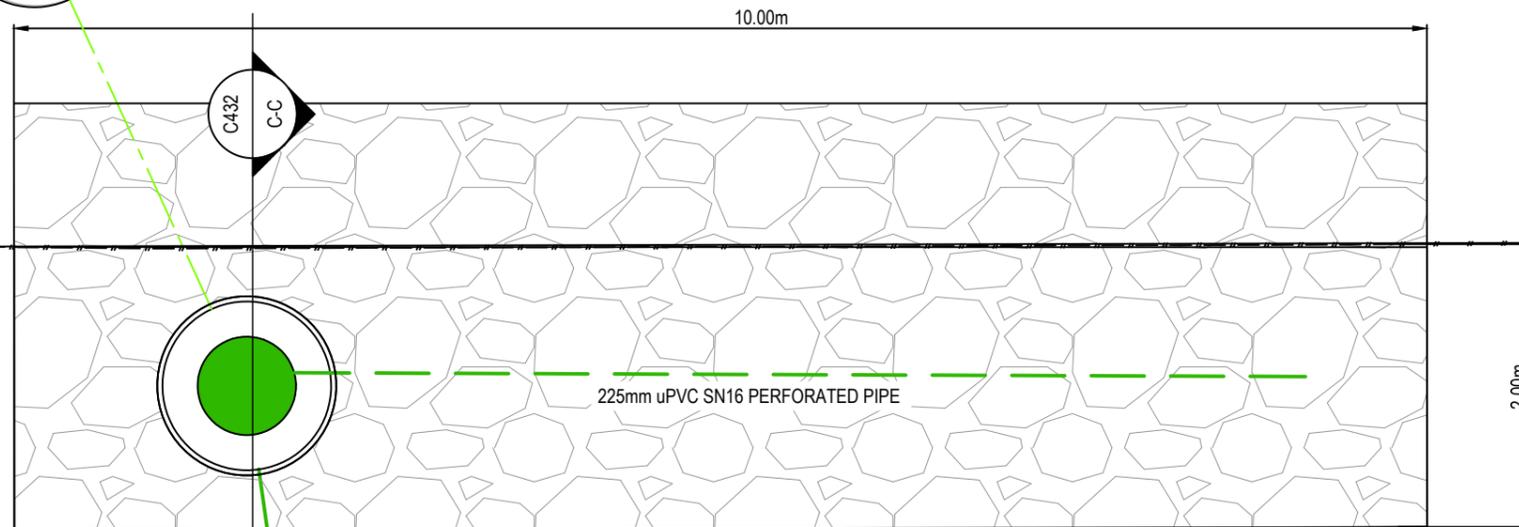
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Scale	AS SHOWN
Cad file	261002-C400.DWG
Drawing no.	C431
Rev	B

RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\MAVEN\PROJECTS\261002-1206 GREAT SOUTH ROAD\DRY\DWG\261002-C400.DWG



ORIFICE CORE DRILLED THROUGH MANHOLE OR ALTERNATIVELY FIX ORIFICE PLATE OVER SAWCUT HOLE. BOLT PLATE IN FOUR CORNERS AND EPOXY SEAL.



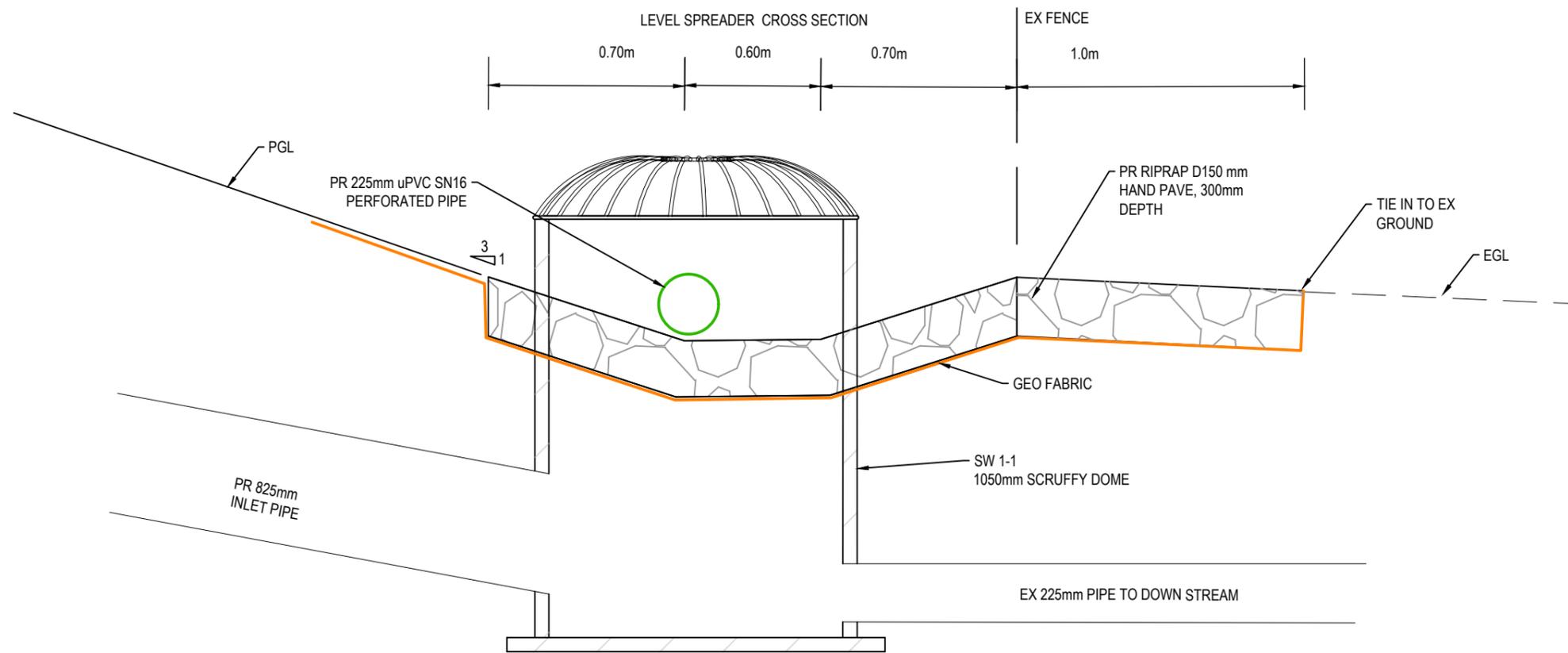
SW 1-1 SCRUFFY DOME OUTLET AND LEVEL SPREADER PLAN
1:50@ A3

- NOTES
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LEGEND

- EX BDY
- PROP BDY
- EX STORMWATER
- PR STORMWATER
- ⊙ EX/PROP SWMH

LEVEL SPREADER CROSS SECTION



CROSS SECTION C-C
SW 1-1 SCRUFFY DOME OUTLET AND RIPRAP DETAILS
NTS

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
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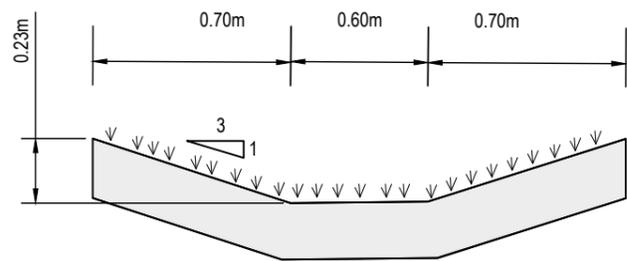
M Maven Associates
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Project
**DEVELOPMENT OF
1206 GREAT SOUTH ROAD
RUNCIMAN
FOR
PMG FUNDS**

Title
**PROPOSED
DRY POND
OUTLET STRUCTURE**

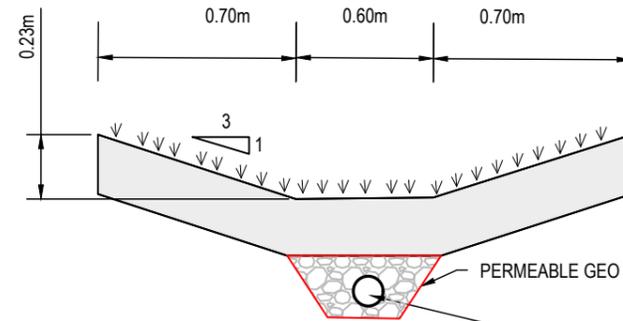
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Scale	AS SHOWN
Cad file	261002-C400.DWG
Drawing no.	C432
Rev	B

RESOURCE CONSENT



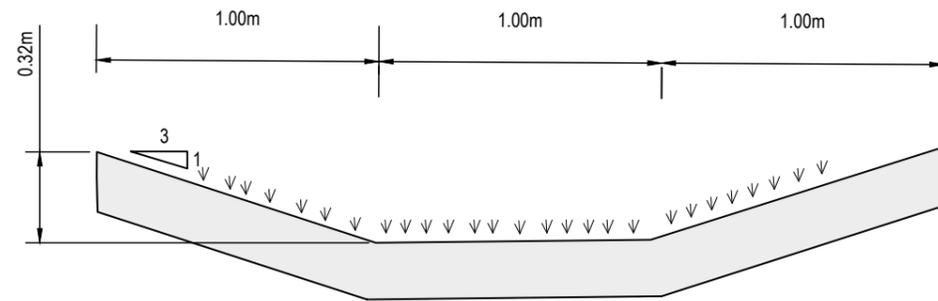
TYPICAL 2.0m SWALE CROSS SECTION DETAIL (GRADE 2% to 5%)

NTS



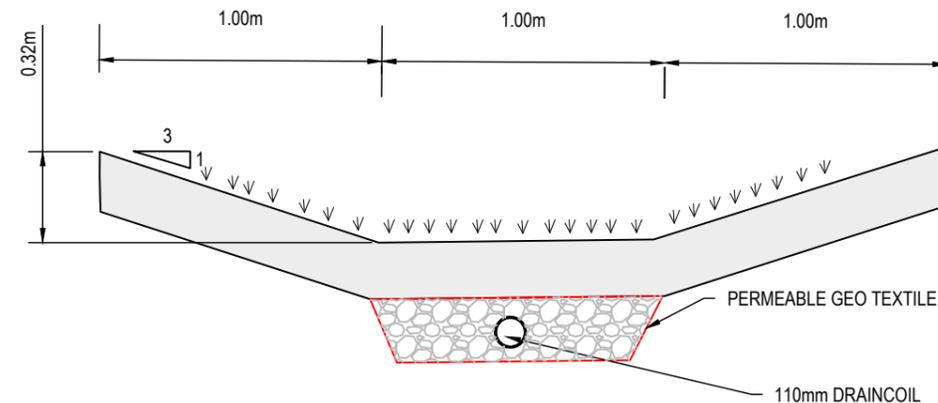
TYPICAL 2.0m SWALE CROSS SECTION DETAIL (GRADE < 2%)

NTS



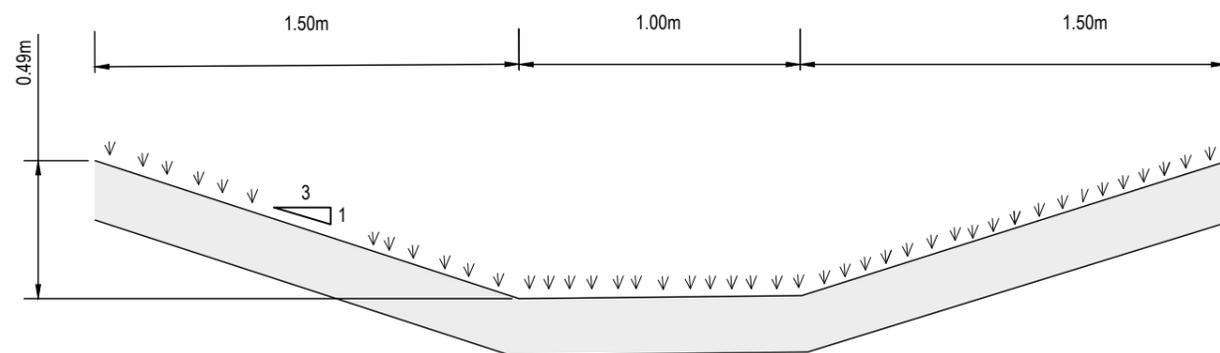
TYPICAL 3.0m SWALE CROSS SECTION DETAIL (GRADE 2% TO 5%)

NTS



TYPICAL 3.0m SWALE CROSS SECTION DETAIL (GRADE < 2%)

NTS



TYPICAL 4.0m SWALE CROSS SECTION DETAIL

NTS

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 2. COORDINATES IN TERMS OF NZ GEODETIC DATUM MT EDEN 2000. LEVELS IN TERMS OF THE NZVD2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPa PLUS ANTI SCOUR BLOCKS AT 6M CRS).
 5. APPROVED HARDFILL IS TO BE USED IN BACKFILLING OF ALL ROAD CROSSINGS AND VEHICLE CROSSINGS TO COUNCIL STANDARDS.
 6. HEAVY DUTY MANHOLE LIDS AND FRAMES TO BE USED IN TRAFFICKED AREAS.
 7. ALL MANHOLES ARE TO BE 1050MMØ PRECAST CONCRETE UNLESS SHOWN OTHERWISE.
 8. ALL CATCHPIT LEADS SHALL HAVE MIN COVER 1.0M.
 9. ALL LINES TO BE ABANDONED SHALL BE SEALED AT EACH END. TIMING OF ALL SEALING TO BE COORDINATED WITH COUNCIL STAFF.

Rev	Description	By	Date
B	FOR RC AMENDMENT	JAW	08/2025
A	FOR RESOURCE CONSENT	JAW	06/2025

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 5 Owens Road, Epsom
 Auckland 1023

Project
**DEVELOPMENT OF
 1206 GREAT SOUTH ROAD
 RUNCIMAN
 FOR
 PMG FUNDS**

Title
**PROPOSED
 SWALES
 CROSS SECTIONS**

Project no.	261002
Scale	AS SHOWN
Cad file	261002-C400.DWG
Drawing no.	C435
Rev	B

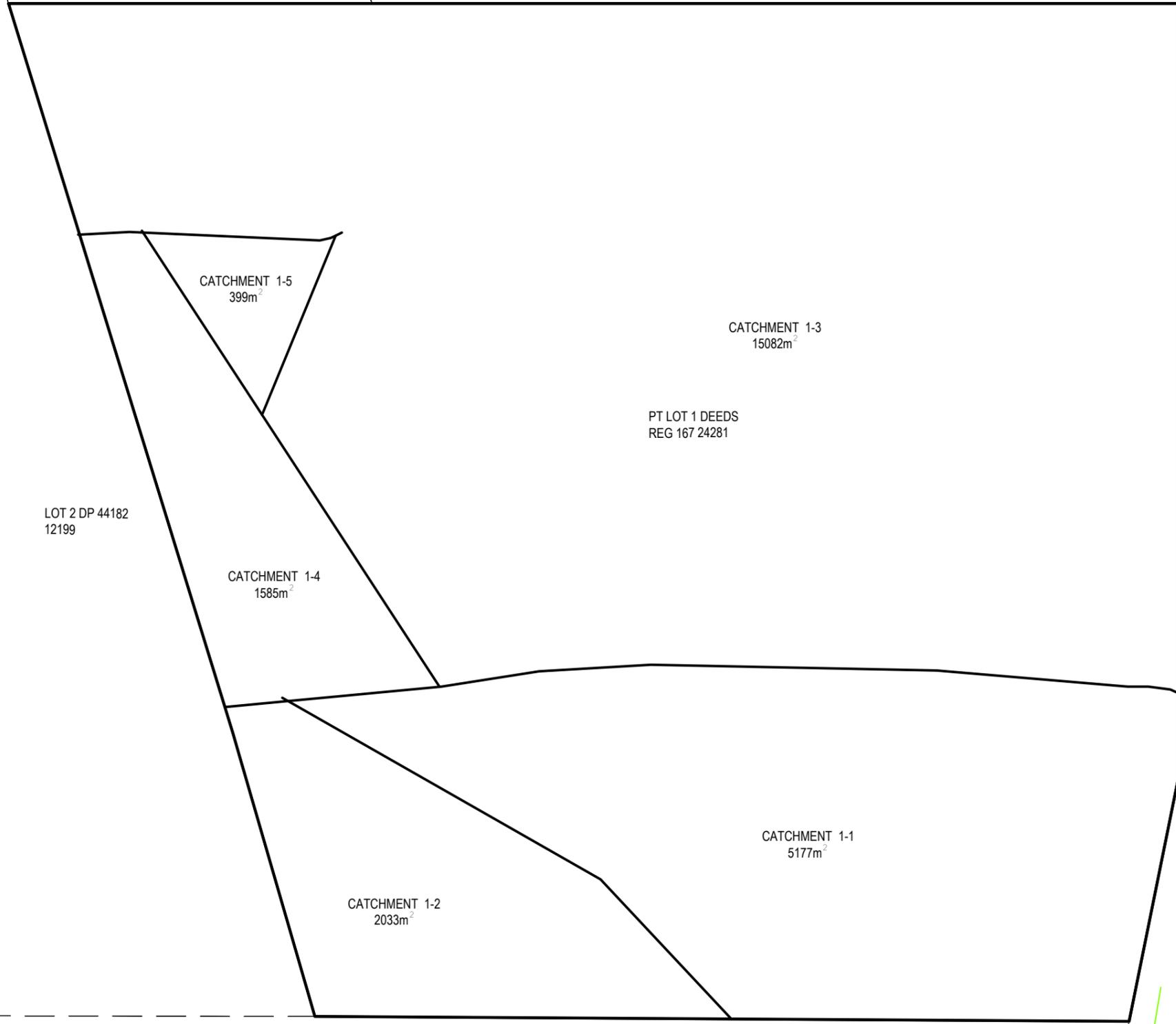
RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\MAVEN\PROJECTS\261002 - 1206 GREAT SOUTH ROAD DUMP\DWG\261002-C400.DWG



LOT 1 DP 151639
4000

LOT 2 DP 345389
126470



PT LOT 1 DEEDS
REG 167 24281

LOT 2 DP 44182
12199

GREAT SOUTH ROAD

LOT 2 DP 345389
126470

LOT 1 DP 345389
11800

LOT 1 DEEDS
REG 1139 15985

- 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 NZVD2016.
 3. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 4. PIPE BEDDING: 0 - 10% GRANULAR BEDDING, 10 - 20% WEAK CONCRETE BEDDING, GREATER THAN 20% WEAK CONCRETE BEDDING (7MPA PLUS ANTI SCOUR BLOCKS AT 6M CRS).
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LEGEND

---	EX BDY
---	PROP BDY
[Blue Box]	PR DRY POND
[Green Line]	EX STORMWATER
[Green Line]	PR STORMWATER
[Circle]	EX/PROP SWMH
[Green Line with Arrow]	PR SWALE 2 m WIDTH
[Blue Line with Arrow]	PR SWALE 3 m WIDTH

Rev	Description	By	Date
A	FRO RC	JAW	05/2025
Survey	-		05/2025
Design	JAW		05/2025
Drawn	JAW		05/2025
Checked	TM		05/2025

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Project
**DEVELOPMENT OF
1206 GREAT SOUTH ROAD
RUNCIMAN
FOR
PMG FUNDS**

Title
**PROPOSED
SWALES CATCHMENT
PLAN**

Project no.	261002
Scale	1:750 @ A3
Cad file	261002-C440.DWG
Drawing no.	C440
Rev	A

RESOURCE CONSENT

DATE: 8/19/25 FILEPATH: F:\MVEN\PROJECTS\261002 - 1206 GREAT SOUTH ROAD, DRURY\DWG\261002-C440.DWG