

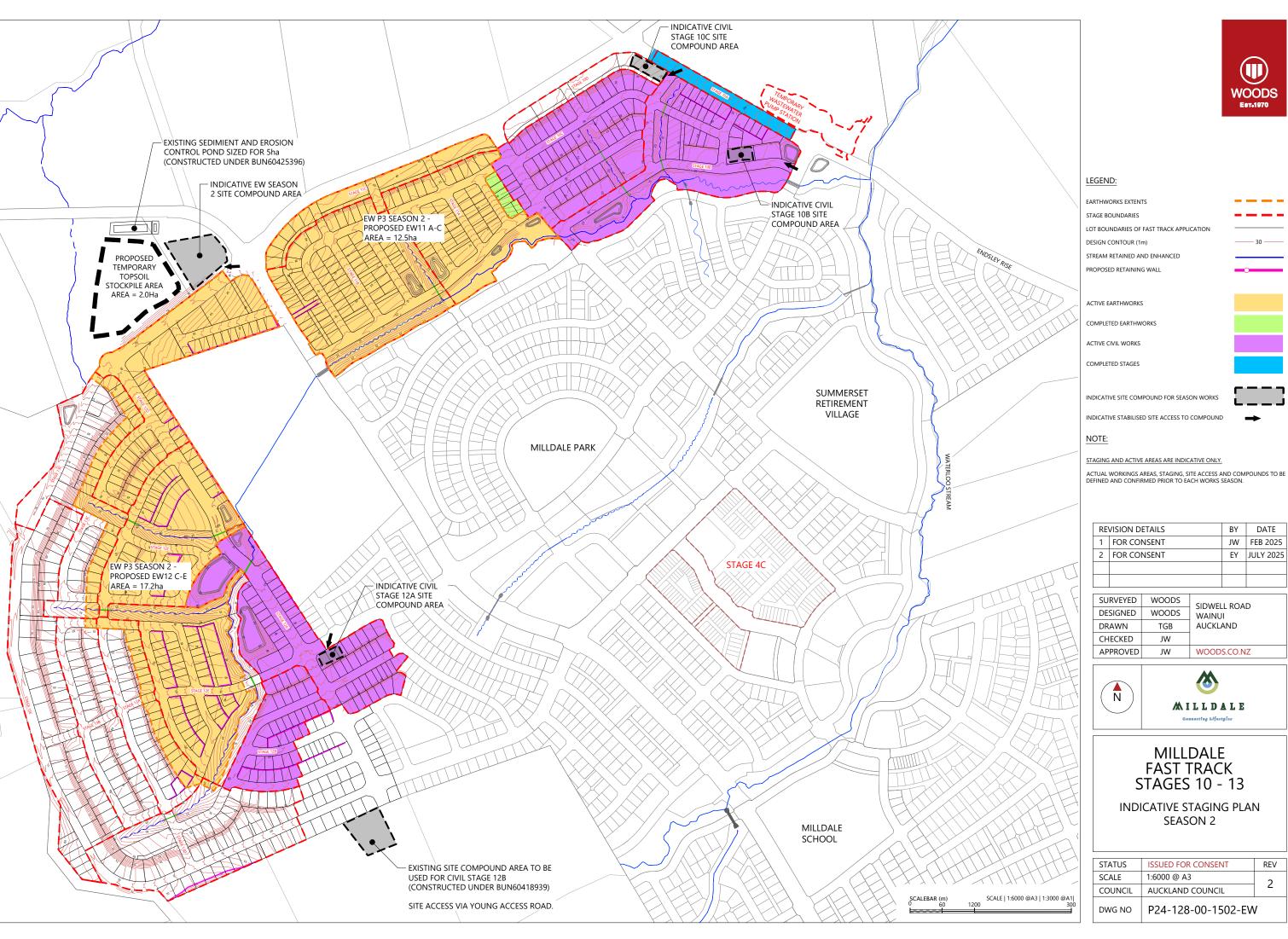
RE	VISION DETAILS	BY	DATE	
1	FOR CONSENT	JW	FEB 2025	WG
2	FOR CONSENT	EY	JULY 2025	AN DW
				9
				NGING.

SURVEYED	WOODS	SIDWELL ROAD	W-EW
DESIGNED	WOODS	WAINUI	-1500-1
DRAWN	TGB	AUCKLAND	28-00-
CHECKED	JW		1-4-1
APPROVED	JW	WOODS.CO.NZ	NGN
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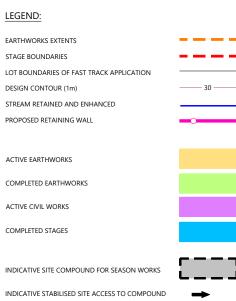




STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO P24-128-00-1501-EW		1





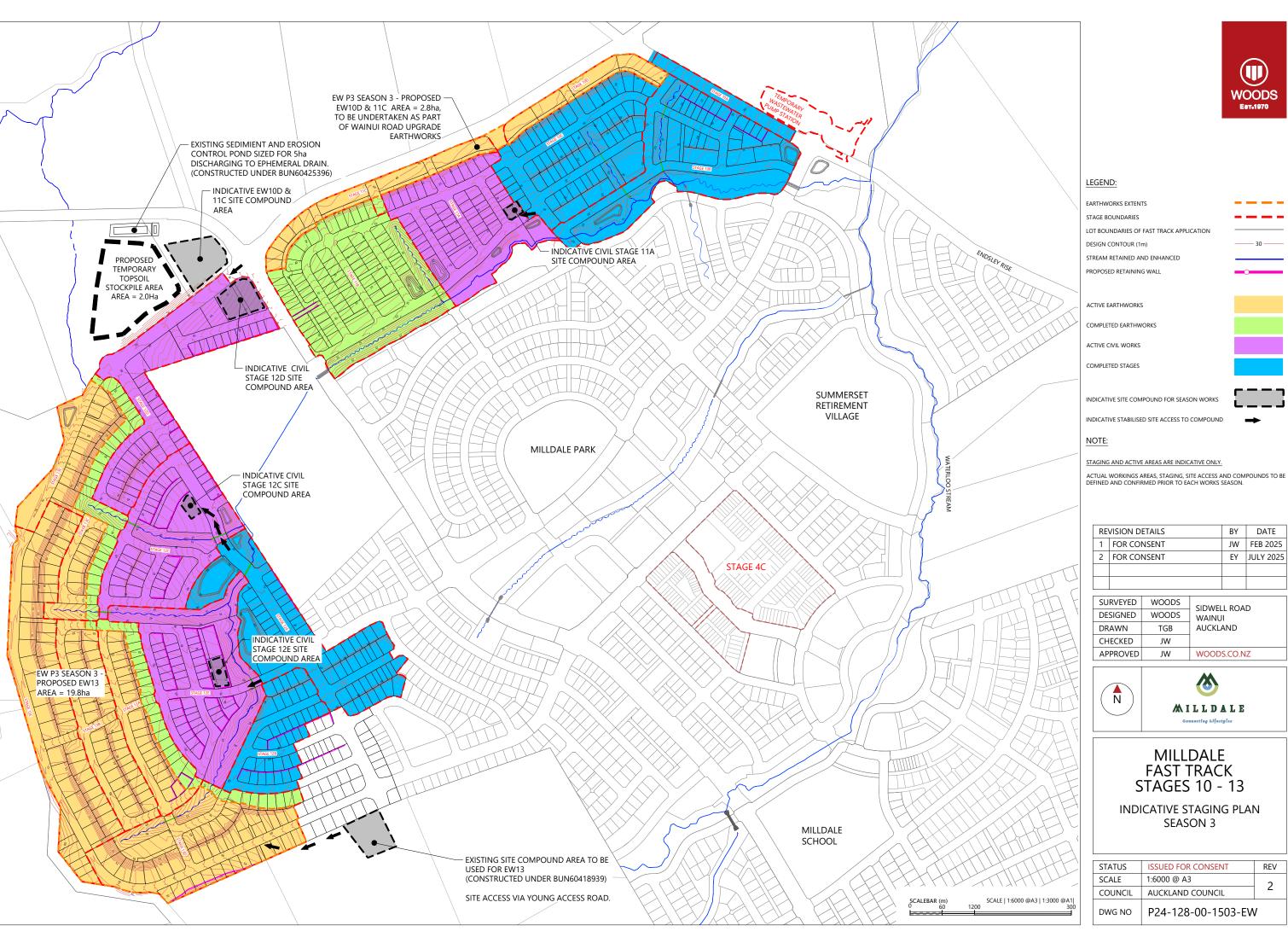


RE'	VISION DETAILS	BY	DATE	
1	FOR CONSENT	JW	FEB 2025	DWG
2	FOR CONSENT	EY	JULY 2025	N.D.
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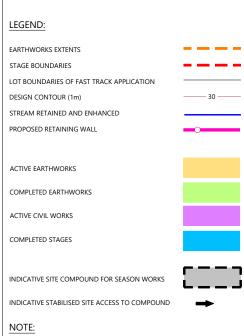
SURVEYED	WOODS	SIDWELL ROAD	-EW
DESIGNED	WOODS	WAINUI	-1500-
DRAWN	TGB	AUCKLAND	28-00
CHECKED	JW		24-1
APPROVED	JW	WOODS.CO.NZ	NGN
			ш ш



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-1502-EW	I







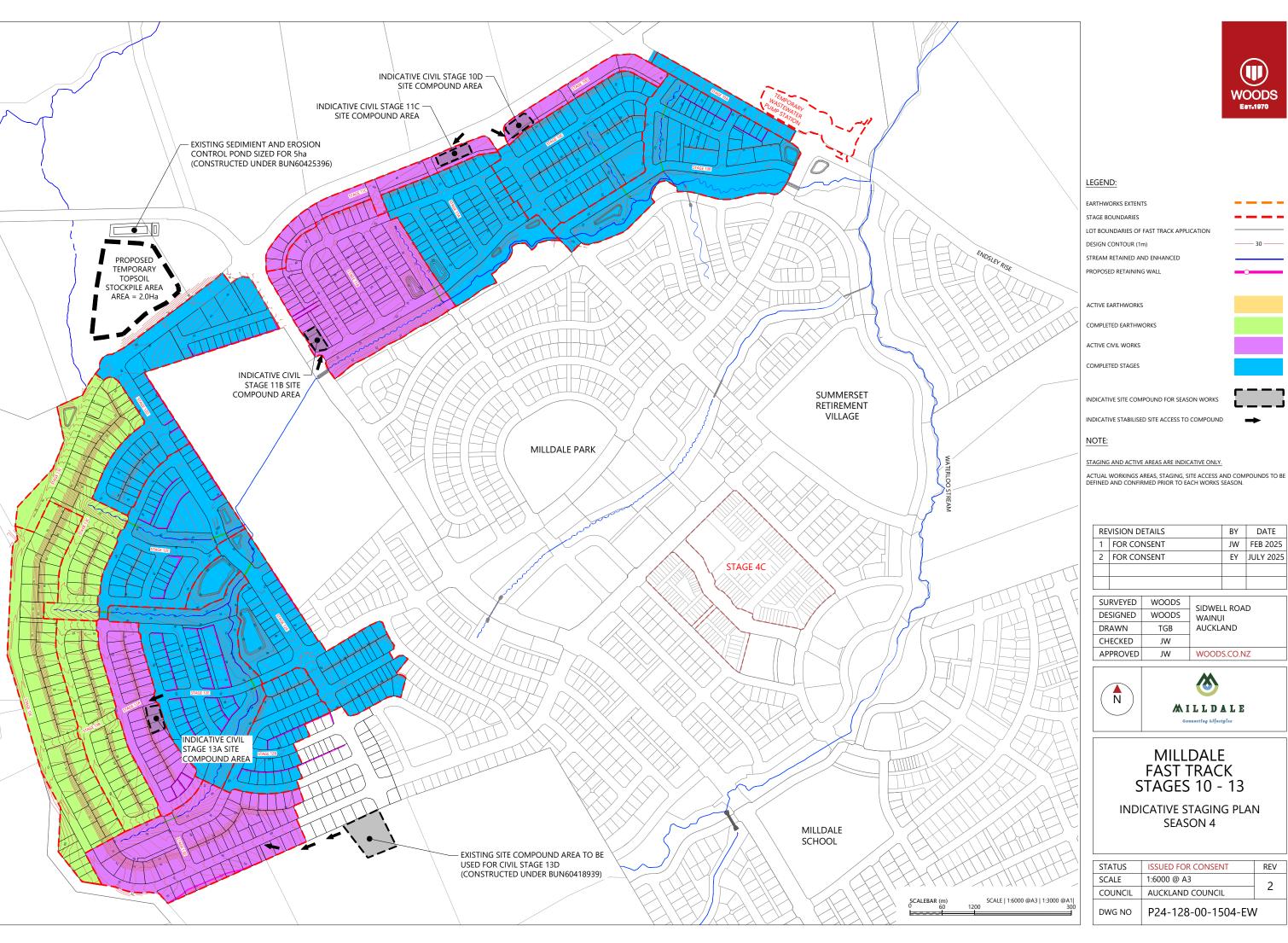
RE	VISION DETAILS	BY	DATE	
1	FOR CONSENT	JW	FEB 2025	ΜG
2	FOR CONSENT	EY	JULY 2025	Į.
				G PL/
				GING

SURVEYED	WOODS	SIDWELL ROAD)-EW
DESIGNED	WOODS	WAINUI	-1500
DRAWN	TGB	AUCKLAND	28-00
CHECKED	JW		24-1
APPROVED	JW	WOODS.CO.NZ	NG\P
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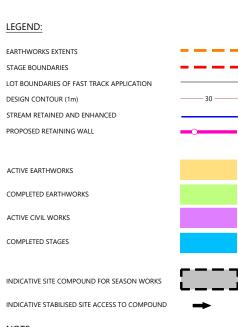




STATUS	ISSUED FOR CONSENT	REV	
SCALE	1:6000 @ A3	2	
COUNCIL	AUCKLAND COUNCIL	2	
DWG NO P24-128-00-1503-EW			







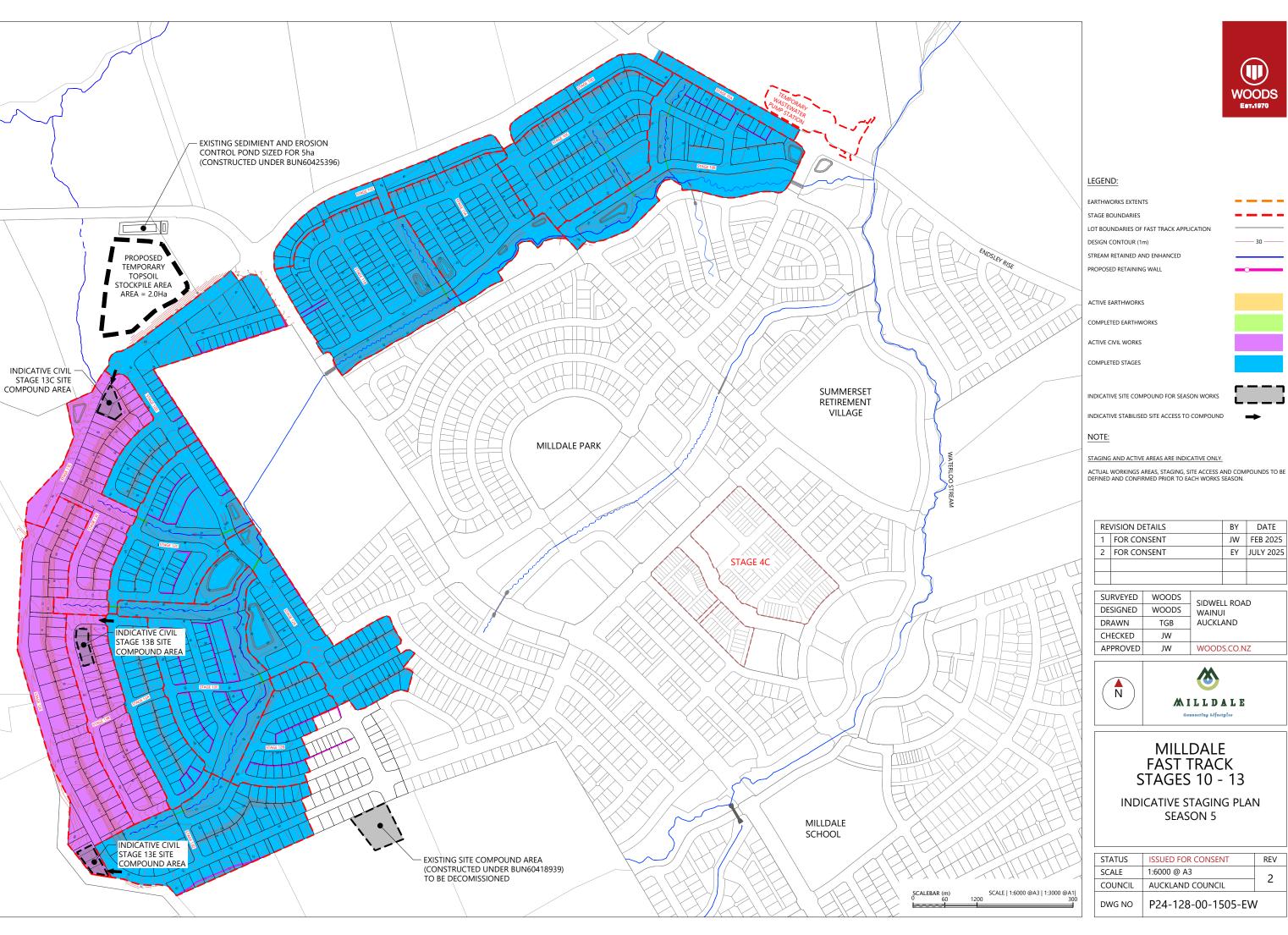
RE'	VISION DETAILS	BY	DATE	
1	FOR CONSENT	JW	FEB 2025	ΝG
2	FOR CONSENT	EY	JULY 2025	Ŋ.
				G PL/
				GING

SURVEYED	WOODS	SIDWELL ROAD	-EW
DESIGNED	WOODS	WAINUI	-1500
DRAWN	TGB	AUCKLAND	28-00
CHECKED	JW		24-1
APPROVED	JW	WOODS.CO.NZ	NG/P
		•	ш





STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO P24-128-00-1504-EW		I







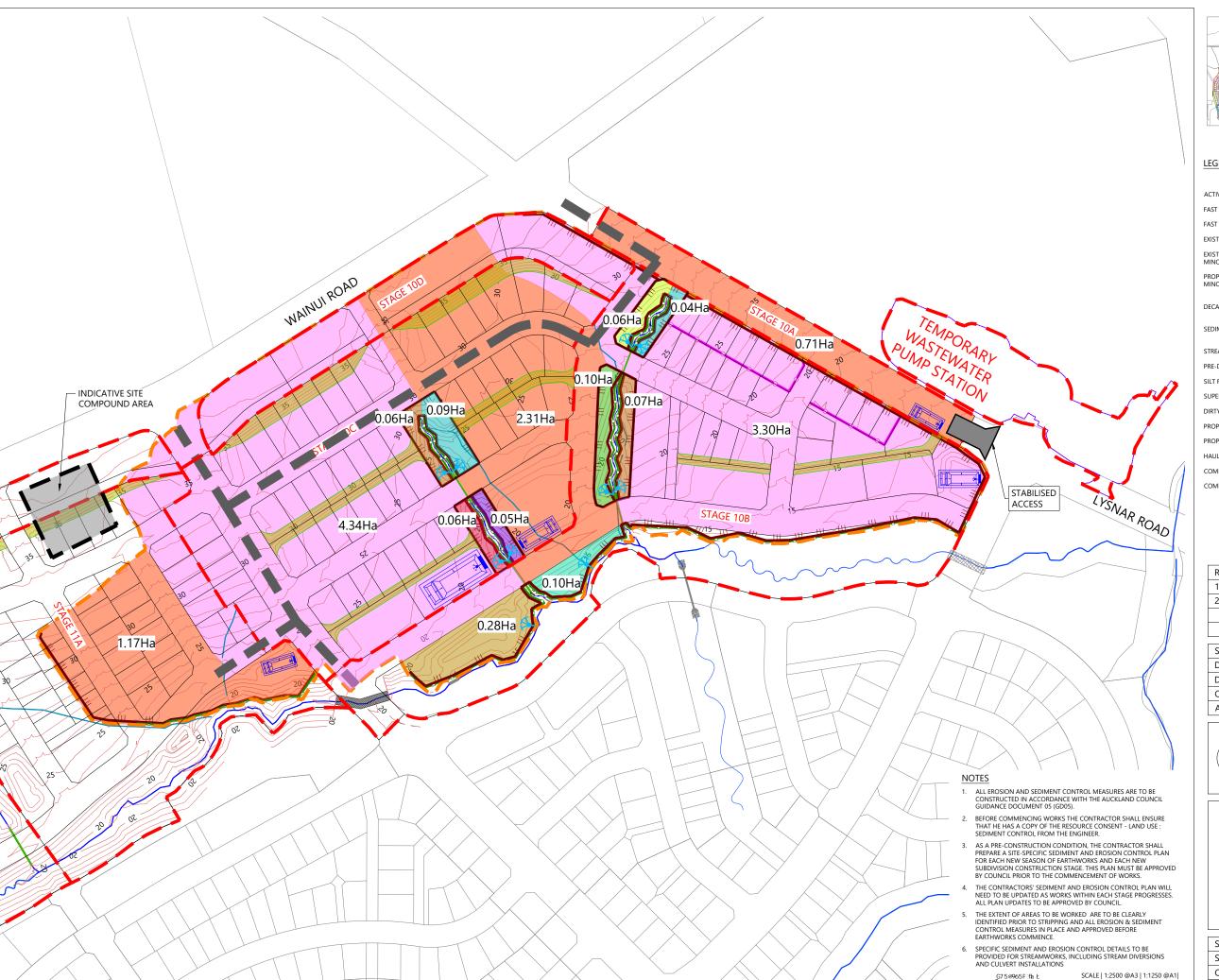
RE'	REVISION DETAILS 1 FOR CONSENT 2 FOR CONSENT	BY	DATE	
1 FOR CONSENT		JW	FEB 2025	ΝG
2	FOR CONSENT	EY	JULY 2025	Ŋ.
				G PL/
				GING

SURVEYED	WOODS	SIDWELL ROAD	-EW
DESIGNED	WOODS	WAINUI	-1500
DRAWN	TGB	AUCKLAND	28-00
CHECKED	JW		24-1
APPROVED	JW	WOODS.CO.NZ	NG/P
		•	ш





STATUS	ISSUED FOR CONSENT	REV
SCALE	1:6000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-1505-EW	/

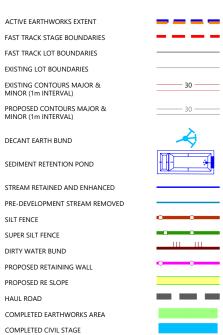






LOCALITY PLAN N.T.S

LEGEND:



					. 2
	RE'	VISION DETAILS	BY	DATE	ERO
	1	ISSUED FOR INFORMATION	MW	MAR 2025	ANC
	2	ISSUED FOR CONSENT	EY	JULY 2025	MEN
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					≶

				_ &
	SURVEYED	WOODS	SIDWELL ROAD	00-1
	DESIGNED	AP	WAINUI	-128-
	DRAWN	MW	AUCKLAND	NG\P24
	CHECKED	AP		1 ==
Ī	APPROVED	JW	WOODS.CO.NZ	.0\S9I

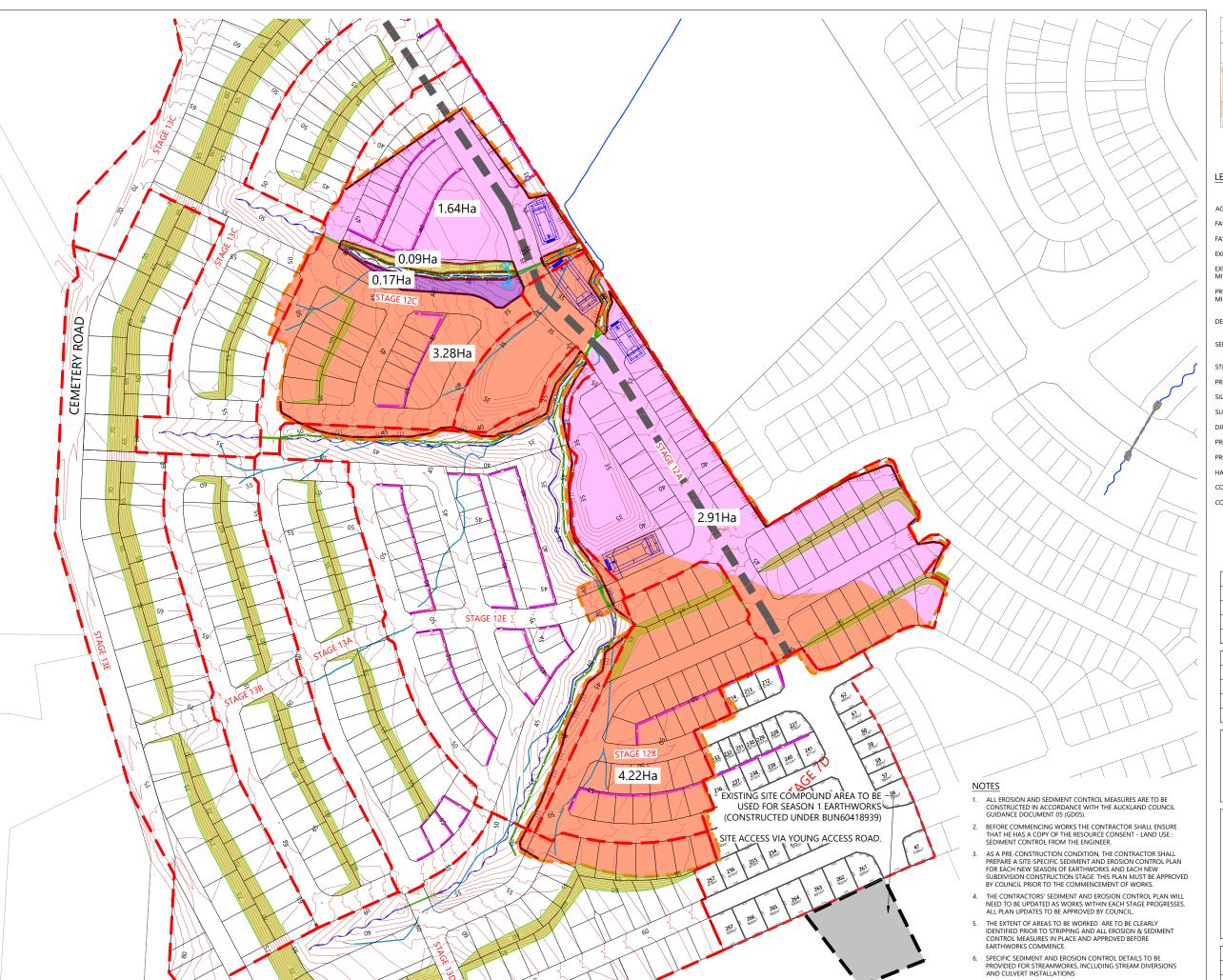


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MILLDALE **FAST TRACK STAGES 10 - 13** SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 1 - SHEET 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	2
COUNCIL	AUCKLAND COUNCIL	۷
DWG NO	P24-128-00-1601-EW	/







LOCALITY PLAN N.T.S

LEGEND:

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUNG

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

PRE-DEVELOPMENT STREAM REMOVED SILT FENCE

SUPER SILT FENCE

DIRTY WATER BUND

PROPOSED RETAINING WALL

PROPOSED RE SLOPE

HAUL ROAD

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE

					EROSION CONTROL ST
RE	VISION DETAILS	BY	DA	TE	
1	ISSUED FOR INFORMATION	MW	MAR	2025	-AND
2	ISSUED FOR CONSENT	EY	JULY	2025	SEDIMENT
					-SEDII
		1			-

SURVEYED	WOODS	SIDWELL ROAD	0-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW	AUCKLAND	ENG\P24-
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	GS/01

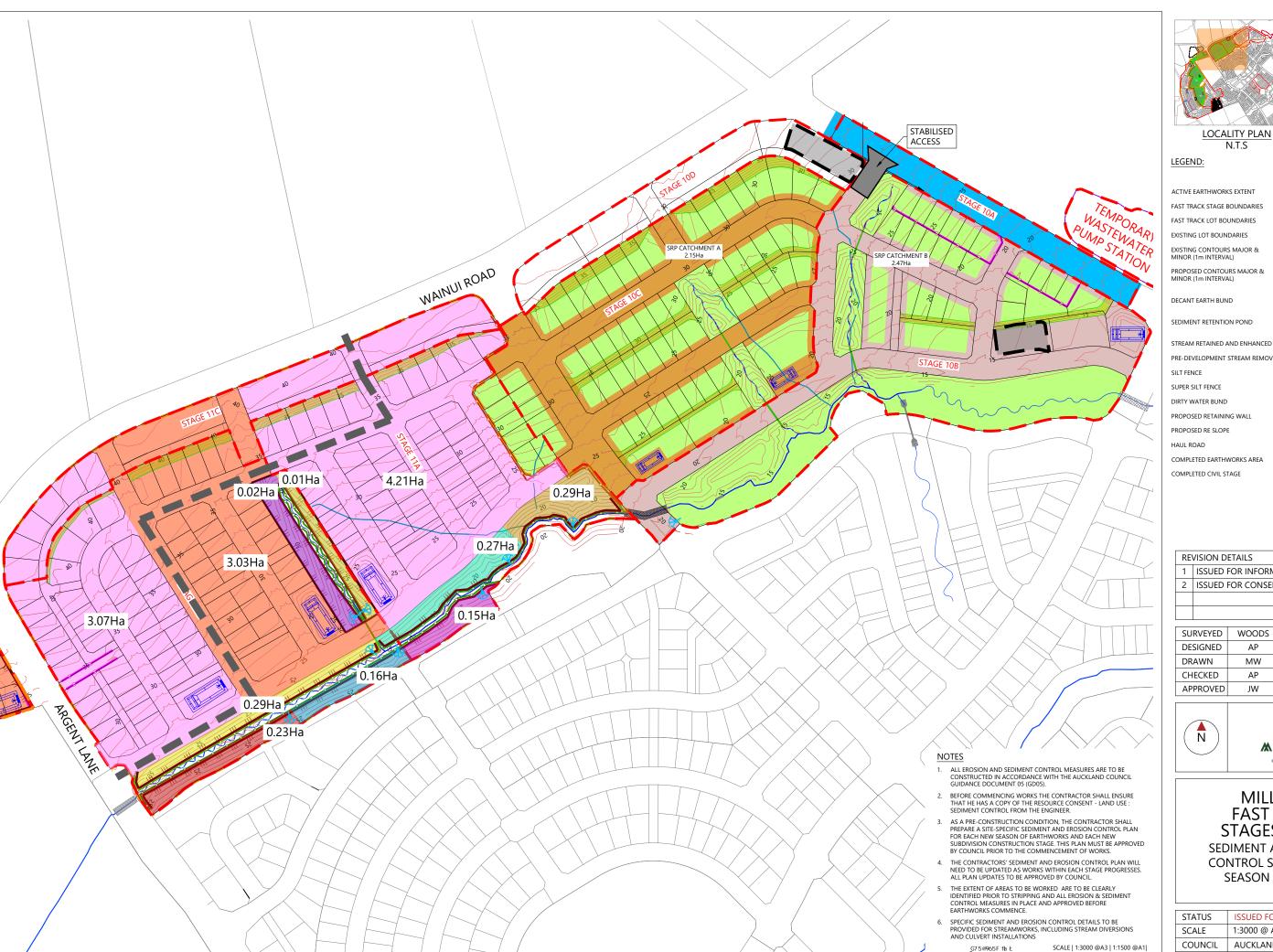


SCALE | 1:3000 @A3 | 1:1500 @A1| 150



MILLDALE
FAST TRACK
STAGES 10 - 13
SEDIMENT AND EROSION
CONTROL STAGING PLAN
SEASON 1 - SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	2
DWG NO	P24-128-00-1602-EW	/







LOCALITY PLAN N.T.S

LEGEND:	

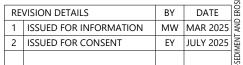
ACTIVE EARTHWORKS EXTENT FAST TRACK STAGE BOUNDARIES FAST TRACK LOT BOUNDARIES EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL) PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL) DECANT EARTH BUND

PRE-DEVELOPMENT STREAM REMOVED

PROPOSED RE SLOPE

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE



SURVEYED	WOODS	SIDWELL ROAD	1-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW	AUCKLAND	FNG\P24-
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	10/05

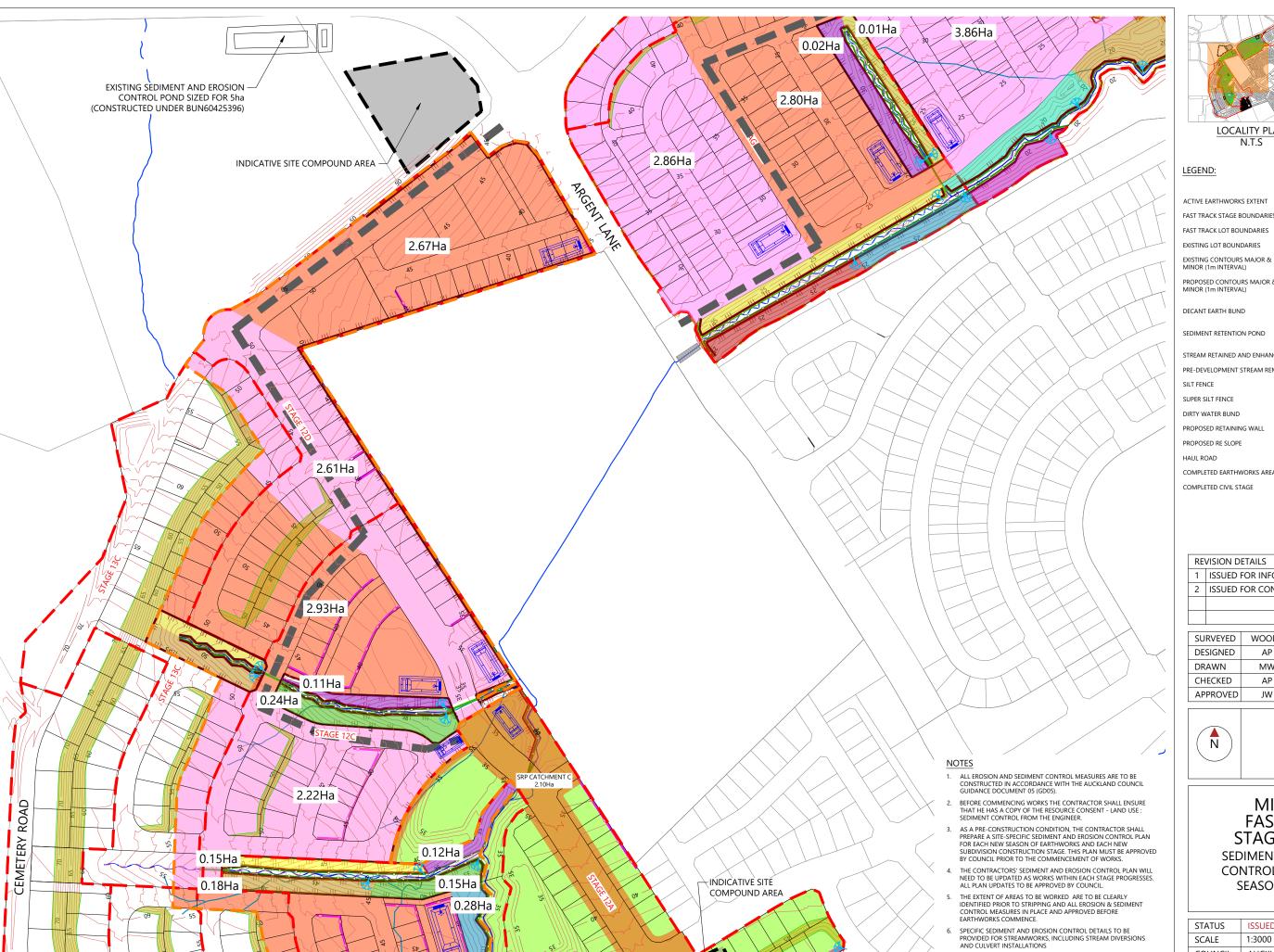




MILLDALE FAST TRACK **STAGES 10 - 13** SEDIMENT AND EROSION CONTROL STAGING PLAN

STATUS	ISSUED FOR CONSENT	REV		
SCALE	1:3000 @ A3	2		
COUNCIL	AUCKLAND COUNCIL			
DWG NO	P24-128-00-1603-EW	/		

SEASON 2 - SHEET 1







N.T.S

ACTIVE EARTHWORKS EXTENT FAST TRACK STAGE BOUNDARIES FAST TRACK LOT BOUNDARIES

EXISTING LOT BOUNDARIES

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUND

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

SUPER SILT FENCE

DIRTY WATER BUND

PROPOSED RETAINING WALL

PROPOSED RE SLOPE

HAUL ROAD

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE

				S
RE'	VISION DETAILS	BY	DATE	ERO
1	ISSUED FOR INFORMATION	MW	MAR 2025	ANC
2	ISSUED FOR CONSENT	EY	JULY 2025	MEN
				SEDII

SURVEYED	WOODS	SIDWELL ROAD	00-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW AUCKLAND	AUCKLAND	ENG/P24
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	68/01

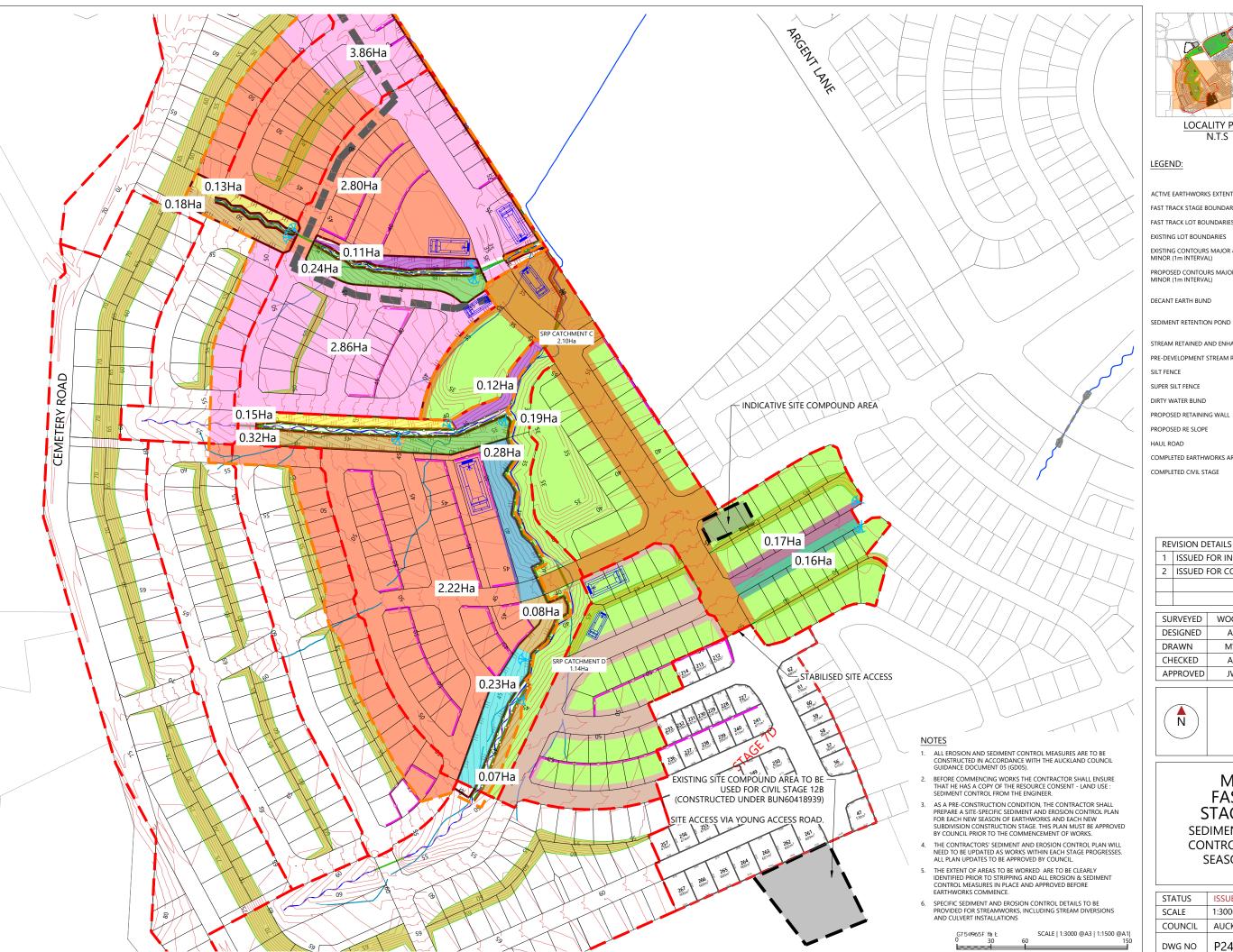


SCALE | 1:3000 @A3 | 1:1500 @A1| 150



MILLDALE **FAST TRACK STAGES 10 - 13** SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 2 - SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	2
DWG NO P24-128-00-1604-EW		/







LOCALITY PLAN N.T.S

FAST TRACK STAGE BOUNDARIES FAST TRACK LOT BOUNDARIES

EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

PRE-DEVELOPME

PROPOSED RETA

PROPOSED RE SI

COMPLETED CIV

ENTION POND	
NED AND ENHANCED	
IENT STREAM REMOVED	
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AINING WALL	•
SLOPE	
RTHWORKS AREA	
VIL STAGE	

RE	VISION DETAILS	BY	DATE	ERO
1	ISSUED FOR INFORMATION	MW	MAR 2025	-ANC
2	ISSUED FOR CONSENT	EY	JULY 2025	MENT
				-SEDII
2	ISSUED FOR CONSENT	EY	JULY 2	025

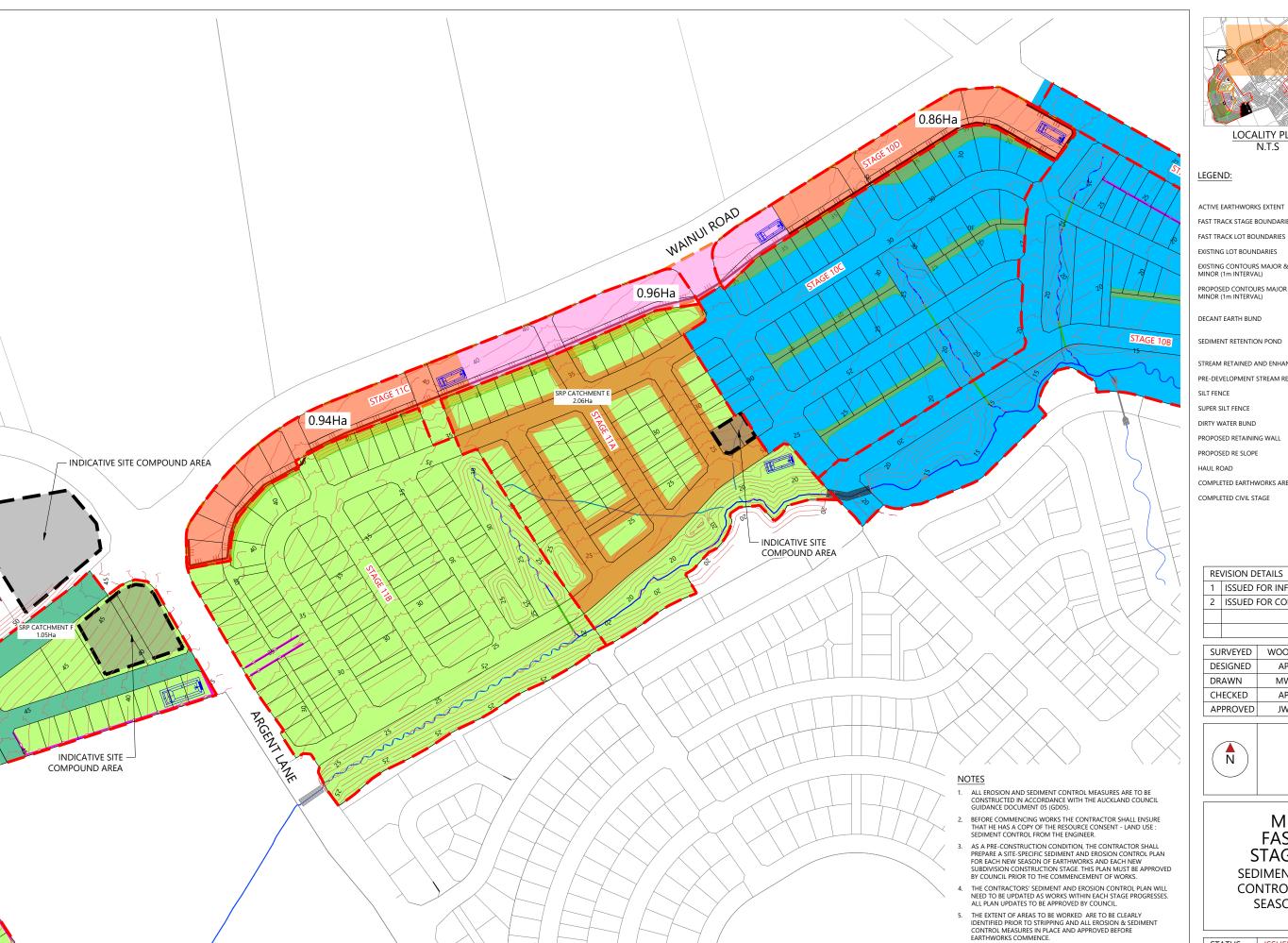
SURVEYED	WOODS	SIDWELL ROAD	28-00-1
DESIGNED	AP	WAINUI	
DRAWN	MW	AUCKLAND	NG\P24-
CHECKED	AP		ш
APPROVED	JW	WOODS.CO.NZ	GS/01





MILLDALE **FAST TRACK STAGES 10 - 13** SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 2 - SHEET 3

	STATUS	ISSUED FOR CONSENT	REV
	SCALE	1:3000 @ A3	2
	COUNCIL	AUCKLAND COUNCIL	2
DWG NO P24-128-00-1605-EW		/	







LOCALITY PLAN N.T.S

ACTIVE EARTHWORKS EXTENT

FAST TRACK STAGE BOUNDARIES

EXISTING LOT BOUNDARIES

EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUND

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

PRE-DEVELOPMENT STREAM REMOVED

SUPER SILT FENCE

DIRTY WATER BUND

PROPOSED RETAINING WALL

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE

_			
RE	VISION DETAILS	BY	DATE
1	ISSUED FOR INFORMATION	MW	MAR 2025
2	ISSUED FOR CONSENT	EY	JULY 2025

	SURVEYED	WOODS	SIDWELL ROAD	1-1
	DESIGNED	AP	WAINUI	-128-
l	DRAWN	MW	AUCKLAND	FNG\P24-
	CHECKED	AP		
	APPROVED	JW	WOODS.CO.NZ	10/05



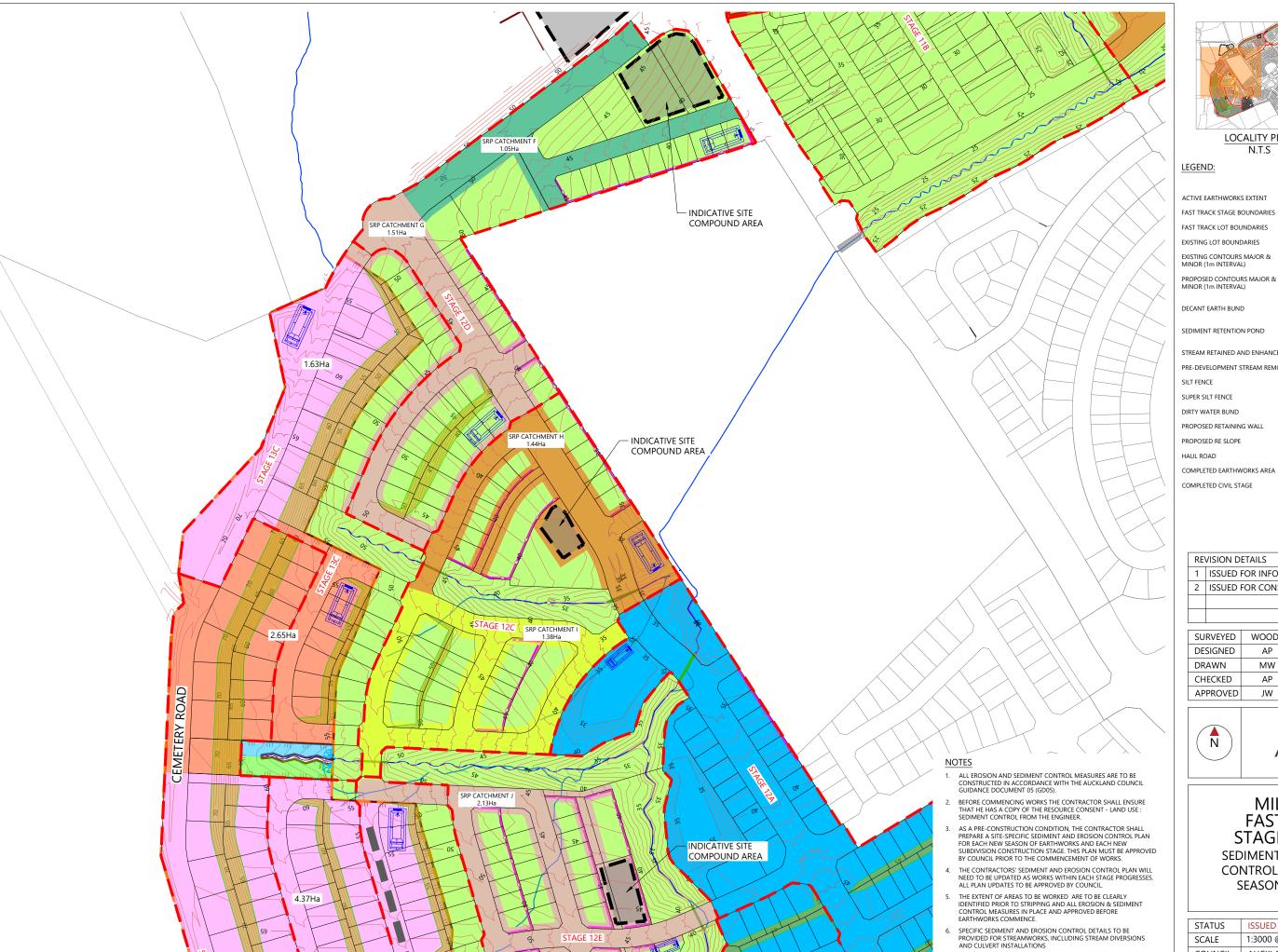
SPECIFIC SEDIMENT AND EROSION CONTROL DETAILS TO BE PROVIDED FOR STREAMWORKS, INCLUDING STREAM DIVERSIONS AND CULVERT INSTALLATIONS

SCALE | 1:3000 @A3 | 1:1500 @A1| 150



MILLDALE FAST TRACK STAGES 10 - 13 SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 3 - SHEET 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	2
DWG NO	P24-128-00-1606-EW	/







N.T.S

LEGEND:

ACTIVE EARTHWORKS EXTENT FAST TRACK STAGE BOUNDARIES FAST TRACK LOT BOUNDARIES EXISTING LOT BOUNDARIES EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUND

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

SILT FENCE

SUPER SILT FENCE

PROPOSED RETAINING WALL

PROPOSED RE SLOPE

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE

				S
REVISION DETAILS			DATE	8
1	ISSUED FOR INFORMATION	MW	MAR 2025	ANC
2	ISSUED FOR CONSENT	EY	JULY 2025	MEN
				SEDI
	RE ^V	1 ISSUED FOR INFORMATION	1 ISSUED FOR INFORMATION MW	1 ISSUED FOR INFORMATION MW MAR 2025

SURVEYED	WOODS	SIDWELL ROAD	0-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW	AUCKLAND	ENG\P24-
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	GS/01



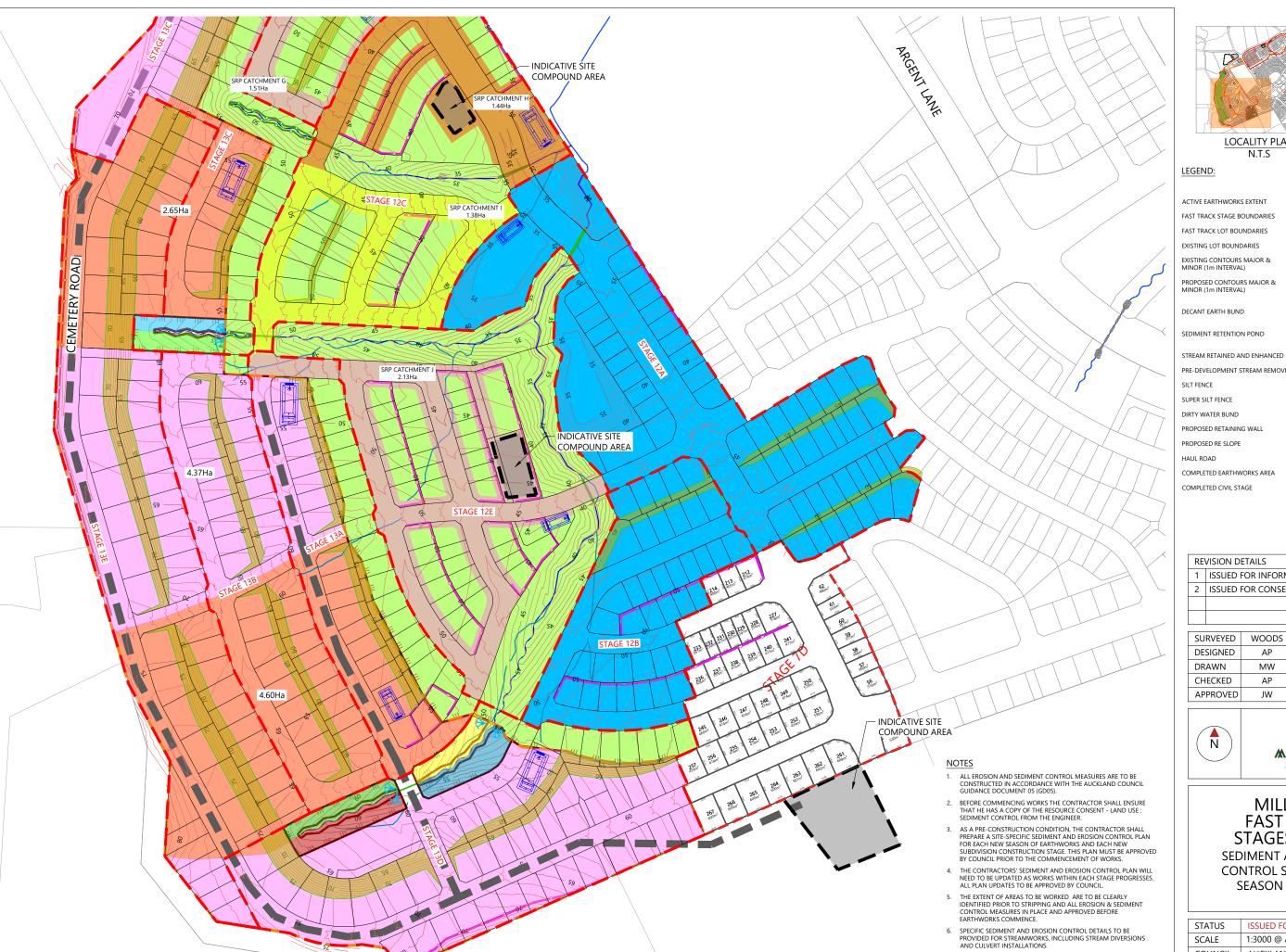
SCALE | 1:4000 @A3 | 1:2000 @A1| 200



MILLDALE FAST TRACK STAGES 10 - 13 SEDIMENT AND EROSION CONTROL STAGING PLAN

SEASON 3 - SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	۷
DWG NO	P24-128-00-1607-EW	/







N.T.S

LEGEND:

TIVE EARTHWORKS EXTENT	
ST TRACK STAGE BOUNDARIES	
ST TRACK LOT BOUNDARIES	
STING LOT BOUNDARIES	
STING CONTOURS MAJOR & NOR (1m INTERVAL)	30
OPOSED CONTOURS MAJOR & NOR (1m INTERVAL)	30
CANT EARTH BUND	
DIMENT RETENTION POND	

SEDIMENT RETENTION POND

SUPER SILT FENCE

DIRTY WATER BUND

PROPOSED RETAINING WALL

PROPOSED RE SLOPE

HAUL ROAD

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE

RI	VISION DETAILS	BY	DATE
1	ISSUED FOR INFORMATION	MW	MAR 2025
2	ISSUED FOR CONSENT	EY	JULY 2025

SURVEYED	WOODS	SIDWELL ROAD	00-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW	AUCKLAND	FNG\P24-
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	65/01

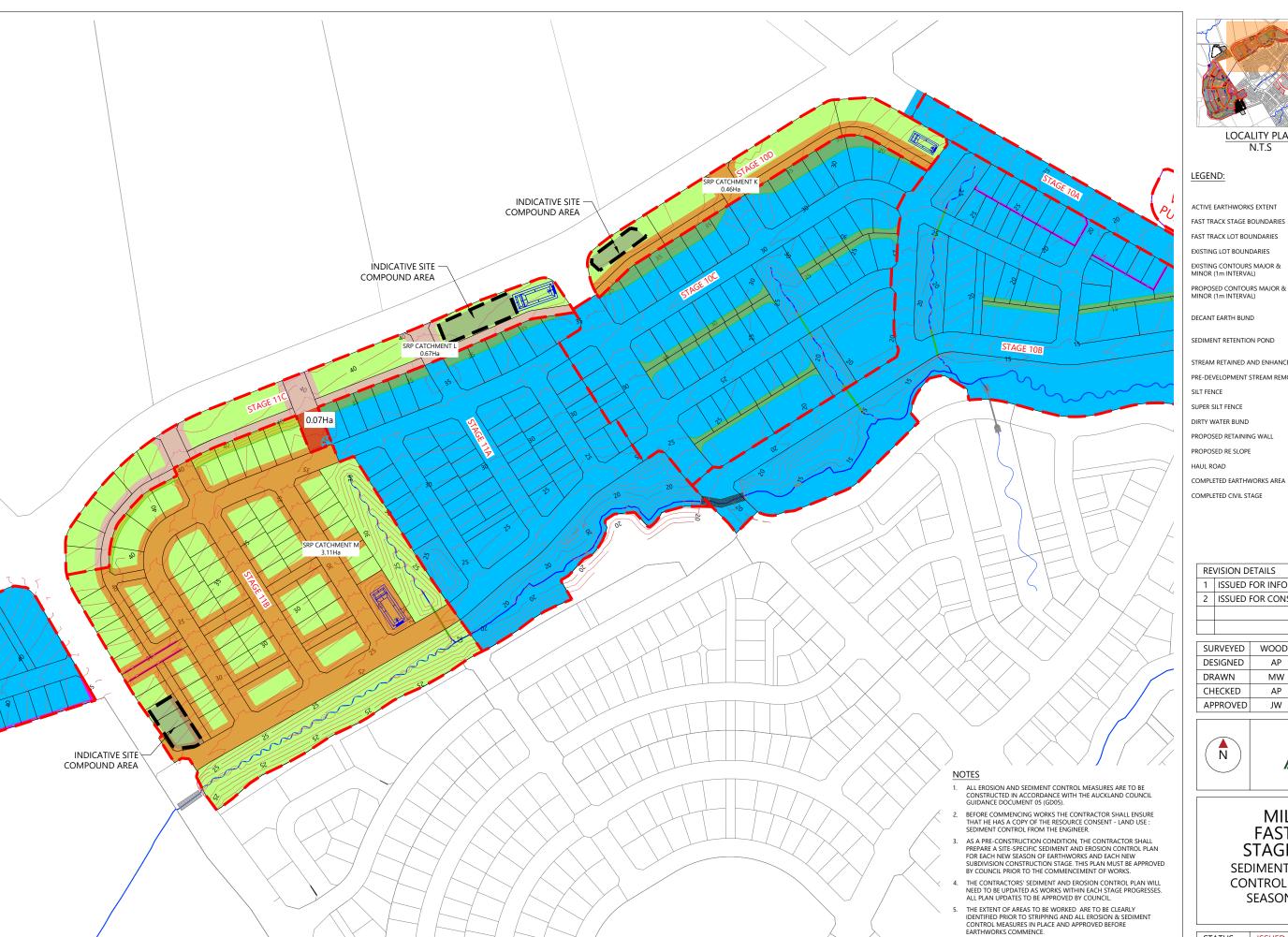


SCALE | 1:3000 @A3 | 1:1500 @A1| 60 150



MILLDALE FAST TRACK STAGES 10 - 13 SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 3 - SHEET 3

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	2
DWG NO	P24-128-00-1608-EW	/







LOCALITY PLAN N.T.S

LEGEND:	
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ACTIVE EARTHWORKS EXTENT

FAST TRACK STAGE BOUNDARIES

EXISTING LOT BOUNDARIES

EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUND

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

PRE-DEVELOPMENT STREAM REMOVED

SUPER SILT FENCE

DIRTY WATER BUND

PROPOSED RETAINING WALL

PROPOSED RE SLOPE

HAUL ROAD

COMPLETED CIVIL STAGE

				SION
RE	VISION DETAILS	BY	DATE	ERO
1	ISSUED FOR INFORMATION	MW	MAR 2025	-ANC
2	ISSUED FOR CONSENT	EY	JULY 2025	MEN
				SEDII

SURVEYED	WOODS	SIDWELL ROAD	00-1
DESIGNED	AP	WAINUI	-128-
DRAWN	MW	AUCKLAND	ENG/P24
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	68/01



6. SPECIFIC SEDIMENT AND EROSION CONTROL DETAILS TO BE PROVIDED FOR STREAMWORKS, INCLUDING STREAM DIVERSIONS AND CULVERT INSTALLATIONS

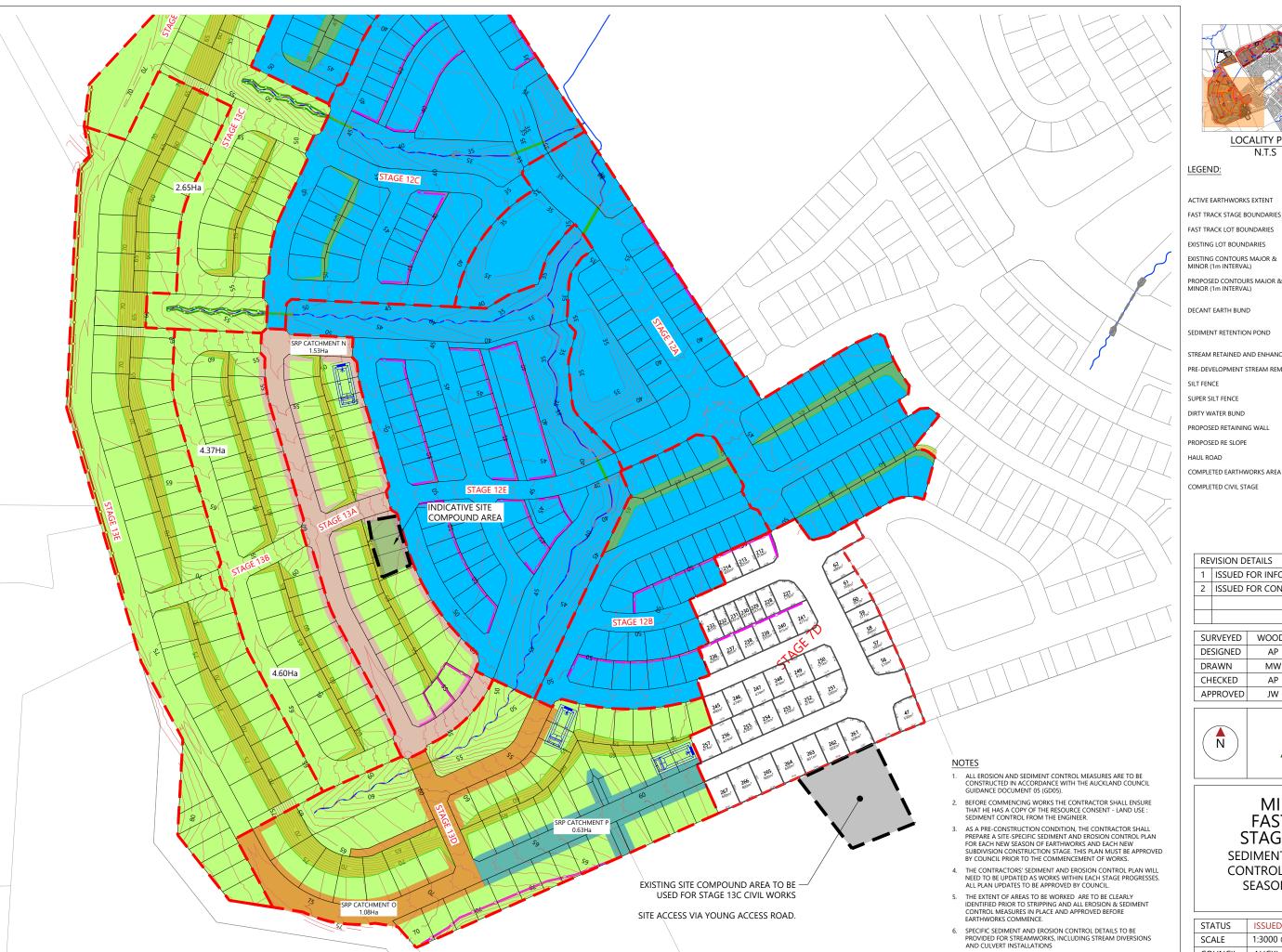
SCALE | 1:3000 @A3 | 1:1500 @A1| 150



MILLDALE FAST TRACK STAGES 10 - 13 SEDIMENT AND EROSION CONTROL STAGING PLAN

SEASON 4 - SHEET 1

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	2
DWG NO	P24-128-00-1609-EW	/







N.T.S

LEGEND:

ACTIVE EARTHWORKS EXTENT	
FAST TRACK STAGE BOUNDARIES	
FAST TRACK LOT BOUNDARIES	
EXISTING LOT BOUNDARIES	
EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)	30
PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)	30
DECANT EARTH BUND	_
SEDIMENT RETENTION POND	
STREAM RETAINED AND ENHANCED	
PRE-DEVELOPMENT STREAM REMOVED	

RE'	VISION DETAILS	BY	DATE	1000
1	ISSUED FOR INFORMATION	MW	MAR 2025	UNV.
2	ISSUED FOR CONSENT	EY	JULY 2025	MACNIT
				2
				3

SURVEYED	WOODS	SIDWELL ROAD	
DESIGNED	AP	WAINUI	5
DRAWN	MW	AUCKLAND	2
CHECKED	AP		1
APPROVED	JW	WOODS.CO.NZ	

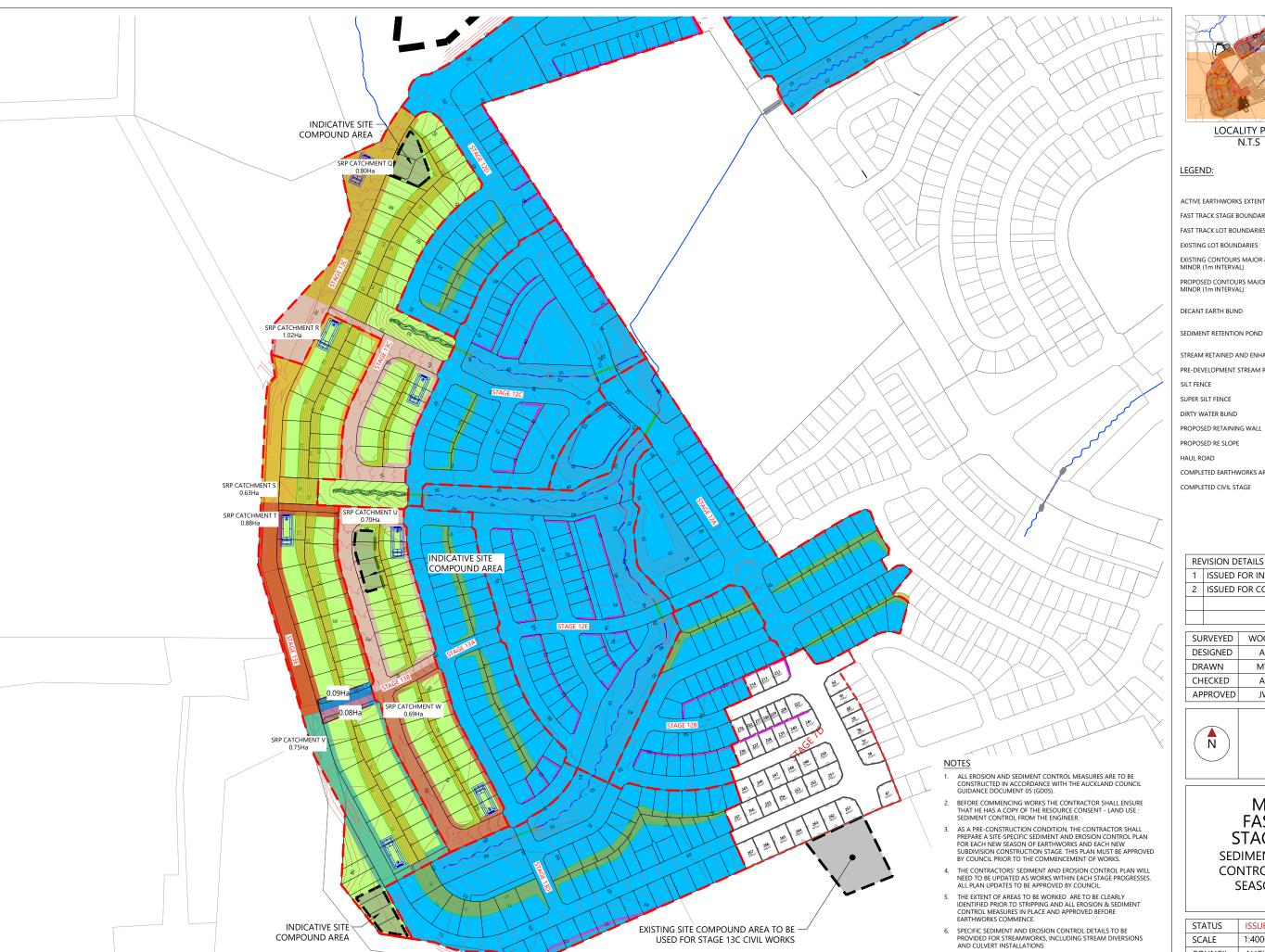


SCALE | 1:3000 @A3 | 1:1500 @A1| 150



MILLDALE FAST TRACK STAGES 10 - 13 SEDIMENT AND EROSION CONTROL STAGING PLAN SEASON 4 - SHEET 2

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:3000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO P24-128-00-1610-EW		/



SITE ACCESS VIA YOUNG ACCESS ROAD.





LOCALITY PLAN N.T.S

LEGEND:

FAST TRACK STAGE BOUNDARIES FAST TRACK LOT BOUNDARIES

EXISTING LOT BOUNDARIES

EXISTING CONTOURS MAJOR & MINOR (1m INTERVAL)

PROPOSED CONTOURS MAJOR & MINOR (1m INTERVAL)

DECANT EARTH BUND

SEDIMENT RETENTION POND

STREAM RETAINED AND ENHANCED

SUPER SILT FENCE

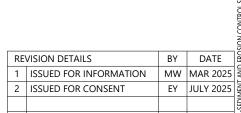
DIRTY WATER BUND

PROPOSED RETAINING WALL PROPOSED RE SLOPE

HAUL ROAD

COMPLETED EARTHWORKS AREA

COMPLETED CIVIL STAGE



SURVEYED	WOODS	SIDWELL ROAD	V.
DESIGNED	AP	WAINUI	-128-00-
DRAWN	MW	AUCKLAND	ENG\P24
CHECKED	AP		
APPROVED	JW	WOODS.CO.NZ	GS\01



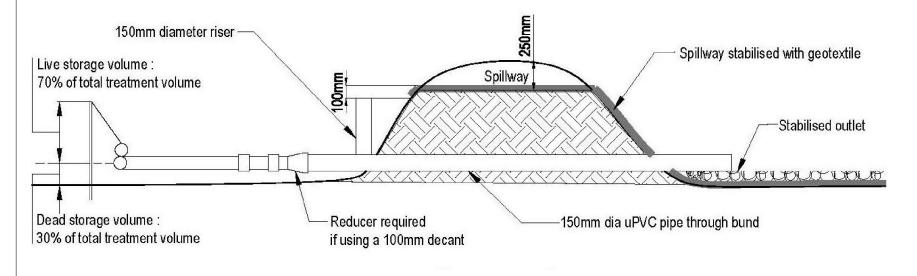
SCALE | 1:4000 @A3 | 1:2000 @A1| 200



MILLDALE **FAST TRACK** STAGES 10 - 13 SEDIMENT AND EROSION

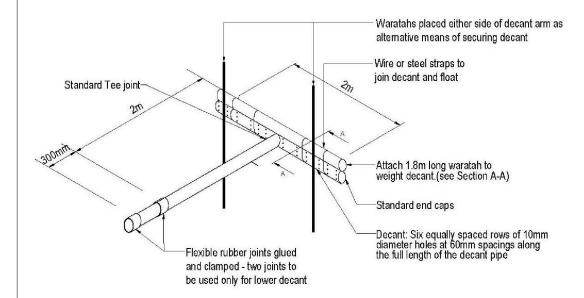
CONTROL STAGING PLAN SEASON 5 - SHEET 1

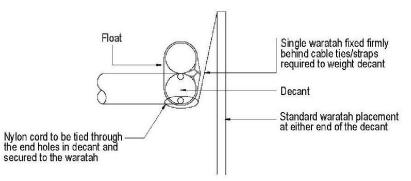
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:4000 @ A3	2
COUNCIL	AUCKLAND COUNCIL	
DWG NO	P24-128-00-1611-EW	/



DECANTING EARTH BUND TYPICAL CROSS SECTION

NOT TO SCALE





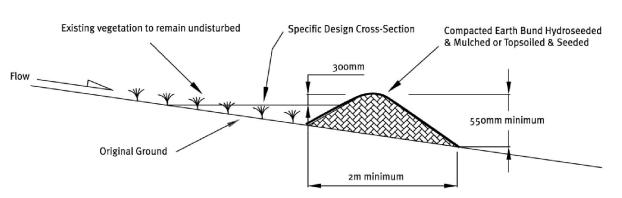
T BAR DECANT TYPICAL DETAIL

NOT TO SCALE



DECANTING EARTH BUND CLOSE UP VIEW

NOT TO SCALE



CLEAN WATER DIVERSION TYPICAL CROSS SECTION

NOT TO SCALE

RE	VISION DETAILS	BY	DATE	GIND	
1	ISSUED FOR CONSENT	JW	FEB 2025	1 =	
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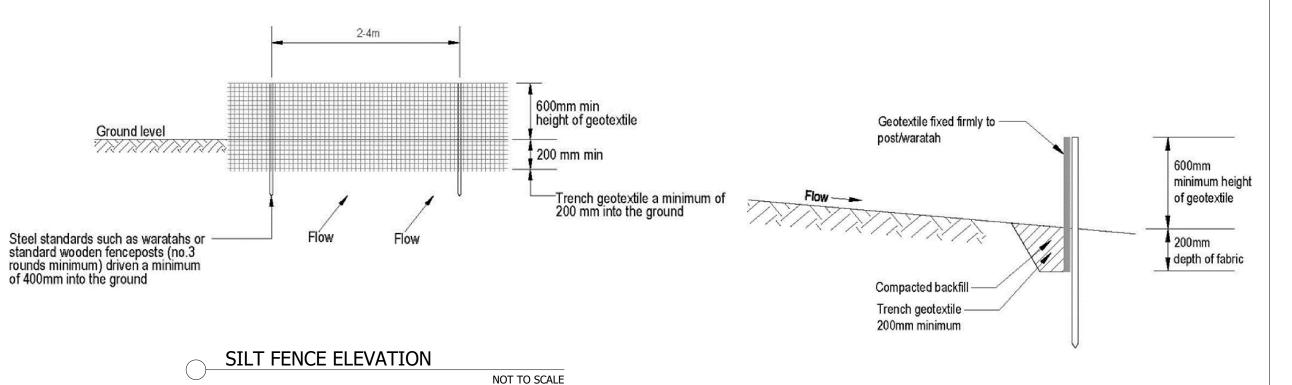
SURVEYED	WOODS	SIDWELL ROAD
DESIGNED	WOODS	WAINUI
DRAWN	FA	AUCKLAND
CHECKED	AP	
APPROVED	JW	WOODS.CO.NZ



MILLDALE FAST TRACK STAGES 10 - 13

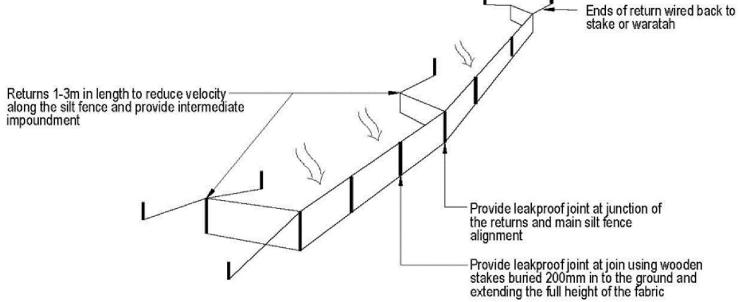
STATUS	ISSUED FOR CONSENT	REV
SCALE N.T.S		1
COUNCIL AUCKLAND COUNCIL		ı
DWG NO	P24-128-00-1620-EW	

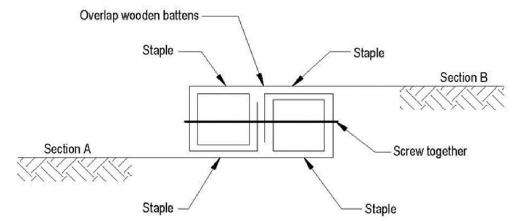




SILT FENCE CROSS SECTION

NOT TO SCALE





MILLDALE
FAST TRACK
STAGES 10 - 13

REVISION DETAILS

SURVEYED

DESIGNED

DRAWN

CHECKED

APPROVED

1 ISSUED FOR CONSENT

WOODS

WOODS

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EROSION AND SEDIMENT CONTROL STANDARD DETAILS - SHEET 2

BY

SIDWELL ROAD

WOODS.CO.NZ

WAINUI AUCKLAND

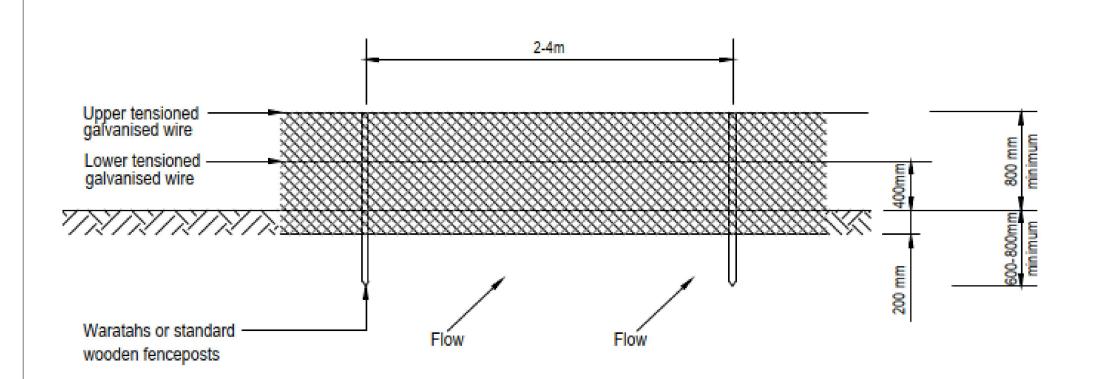
WILLDALE

DATE

JW FEB 2025

STATUS	ISSUED FOR CONSENT	REV
SCALE	N.T.S	1
COUNCIL	AUCKLAND COUNCIL	
DWG NO P24-128-00-1621-EW		/

Provide leakproof joint at junction of the returns and main silt fence alignment Provide leakproof joint at join using wooden stakes buried 200mm in to the ground and extending the full height of the fabric	Section B Section A Section A Staple Staple Staple
SCHEMATIC OF SILT FENCE NOT TO SCALE	STANDARD FABRIC JOINT FOR SILT FENCE NOT TO SCALE



SUPER SILT FENCE ELEVATION

NOT TO SCALE

Chain link fencing between posts and geotextile

Geotextile - 2nd layer

Geotextile - 1st layer

Flow

Warratah back stays install as extra support where required

Embed geotextile and netting support 200mm min. into ground (cover with suitable backfill and compact)

SUPER SILT FENCE CROSS SECTION

NOT TO SCALE

SUPER SILT FENCE CLOSE UP VIEW

NOT TO SCALE

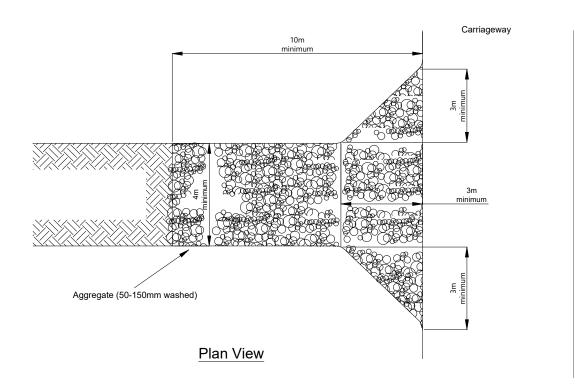
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MILLDALE FAST TRACK STAGES 10 - 13

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STABILISED CONSTRUCTION ENTRANCE TYPICAL DETAILS

NOT TO SCALE

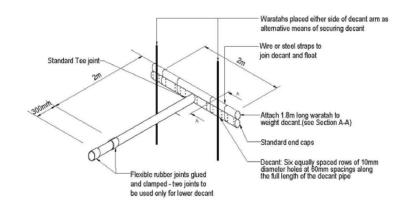
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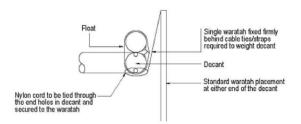
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MILLDALE FAST TRACK STAGES 10 - 13

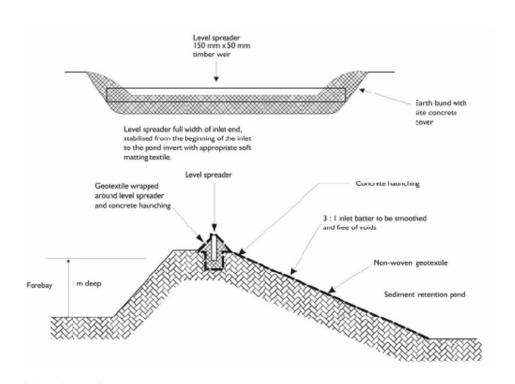
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SCHEMATIC OF STANDARD T-BAR DESIGN

NOT TO SCALE



CROSS SECTION OF LEVEL SPREADER NOT TO SCALE

Level spreader 100 - 200mm above emergency spillway invert Decant Lined emergency Primary spillway spillway Live storage 2m 70% volume Total storage (pond volume) 300mm Lined inlet batter Forebay Dead storage Anti-seep collars 30% volume Rip rap

Wide shallow level spillway over existing ground where possible, retaining the existing grass cover. Bare areas

large rock to break up flow

SCHEMATIC OF SEDIMENT RETENTION POND

Consider using a rope

and pulley system to lift decants out of wate in the event of having to pump or drain wate to the pond. Decants must be lowered once settling to be stabilised with concrete, geotextile or other armouring

Bund/diversion channels to ensure all flow enters at the inlet end

Secure the ends of the level spreader by burying within the earth bund and

> Level spreader full width of inlet end, batter into pond to be stabilised with soft matting geotextile.

> > NOT TO SCALE

xtra crest width may be required to

cleaning out

All bare surfaces to be stabilised with vegetation if the pond is to remain through a winter period, otherwise just the outer batter needs to be stabilised

haunching with concrete

SRP Cross-Section

STANDARD SEDIMENT RETENTION POND CROSS SECTION

NOT TO SCALE

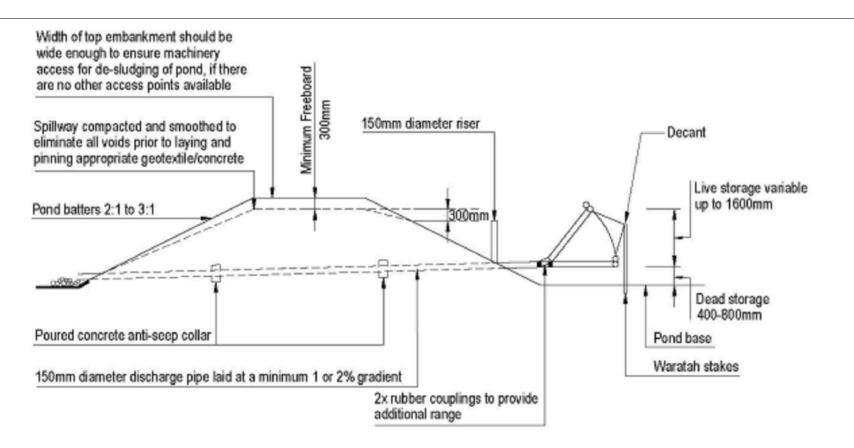
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MILLDALE FAST TRACK STAGES 10 - 13

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SEDIMENT RETENTION POND FOR <1.5ha CATCHMENT - CROSS SECTION NOT TO SCALE

Geotextile should be laid into the pond to a depth of at least 500mm below the spillway invert

Rip-rap placed at pond outlet with geotextile placed underneath

Geotextile secured firmly to the embankment face

Anti-seep collars

Emergency spillway to be sized to accommodate the 1% AEP event

SEDIMENT RETENTION POND FOR <1.5ha CATCHMENT - PLAN VIEW

NOT TO SCALE

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MILLDALE FAST TRACK STAGES 10 - 13

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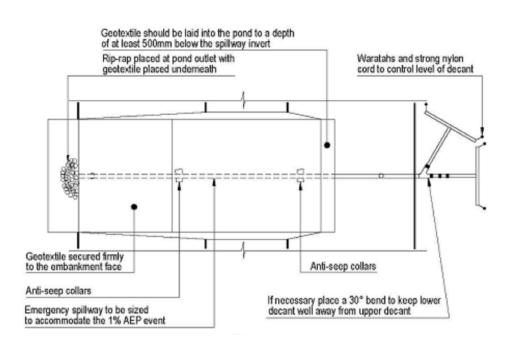
Lower decant's Width of top embankment should be wide enough to extent of travel ensure machinery access for de-sludging of pond, if is over 100% there are no other access points available Concrete riser may require weighting Upper decant Middle decant of the live operates over operates over storage depth or anchoring to prevent floating top 1/3 of live top 2/3 of live variable up to Spillway compacted and smoothed to eliminate all voids prior to laying and pinning appropriate storage only storage only 1600mm geotextile/concrete Pond batters 2:1 to 3:1 4 4 Poured concrete anti-seep collar Dead storage Poured concrete anti-seep collar 400-800mm Lowest inlet pipe to riser is angled upward at 15° to ease tension on flexible joint 300mm diameter discharge pipe laid at a minimum 1 or 2% gradient Waratah stakes required for all decants Pond base

SRP FOR 1.5 TO 3ha CATCHMENT CROSS SECTION

NOT TO SCALE

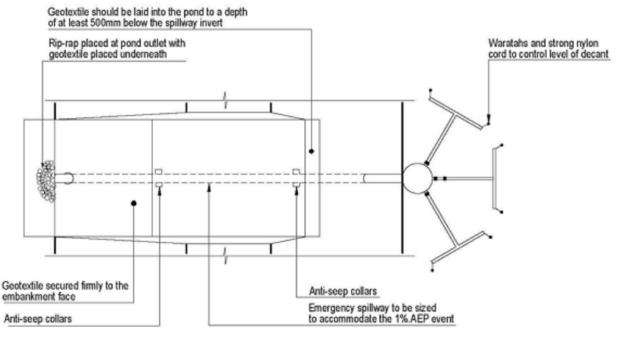
SRP FOR 3 TO 5ha CATCHMENT CROSS SECTION

NOT TO SCALE



SRP FOR 1.5 TO 3ha CATCHMENT PLAN VIEW

NOT TO SCALE



Plan view

SRP FOR 3 TO 5ha CATCHMENT PLAN VIEW

NOT TO SCALE

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