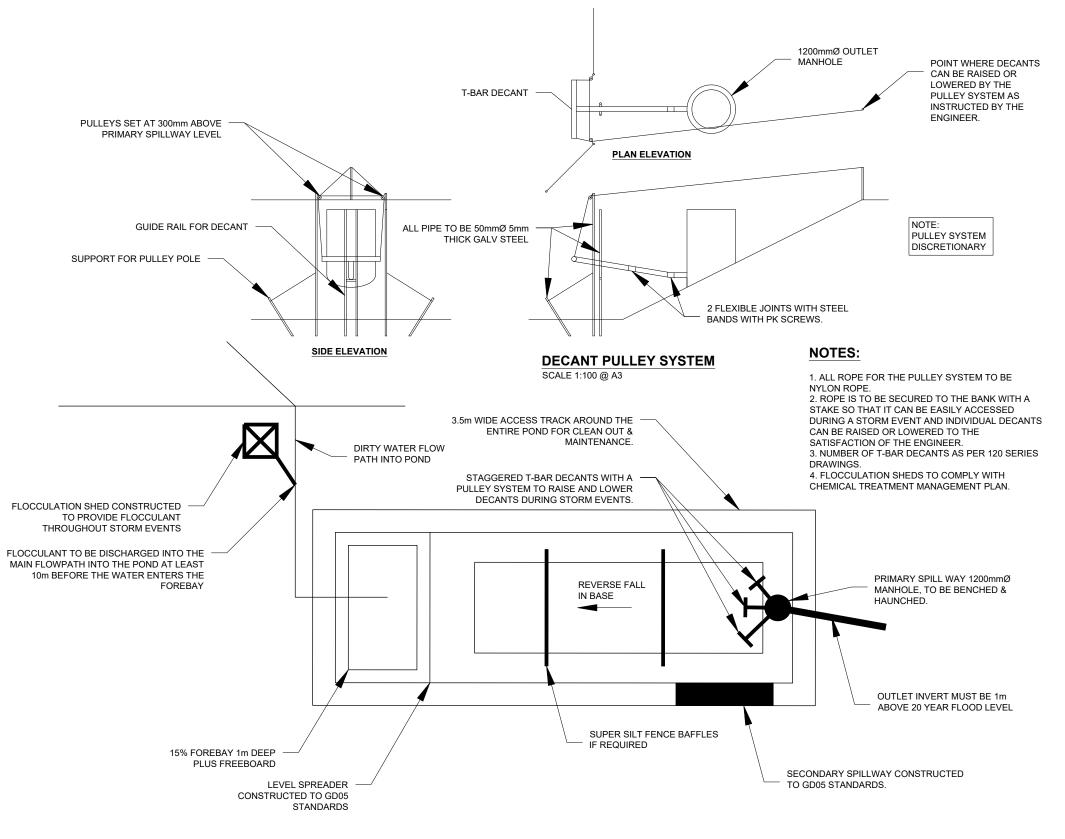


lot Date: 5:03:15 pm,23 July 2025, SHANZIDN





SEDIMENT RETENTION POND TYPICAL DETAILS

SCALE 1:500 @ A3

L						
	REVISION DETAILS 2 ISSUED FOR 99% SUBMISSION			DATE	SURVEYED	
	2	ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
	3	ISSUED FOR FAST TRACK CONSENT	EW	21/02/25	DRAWN	NS
	4	FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW
	9	FOR S67 RESPONSE	SM	23/07/25	APPROVED	GW







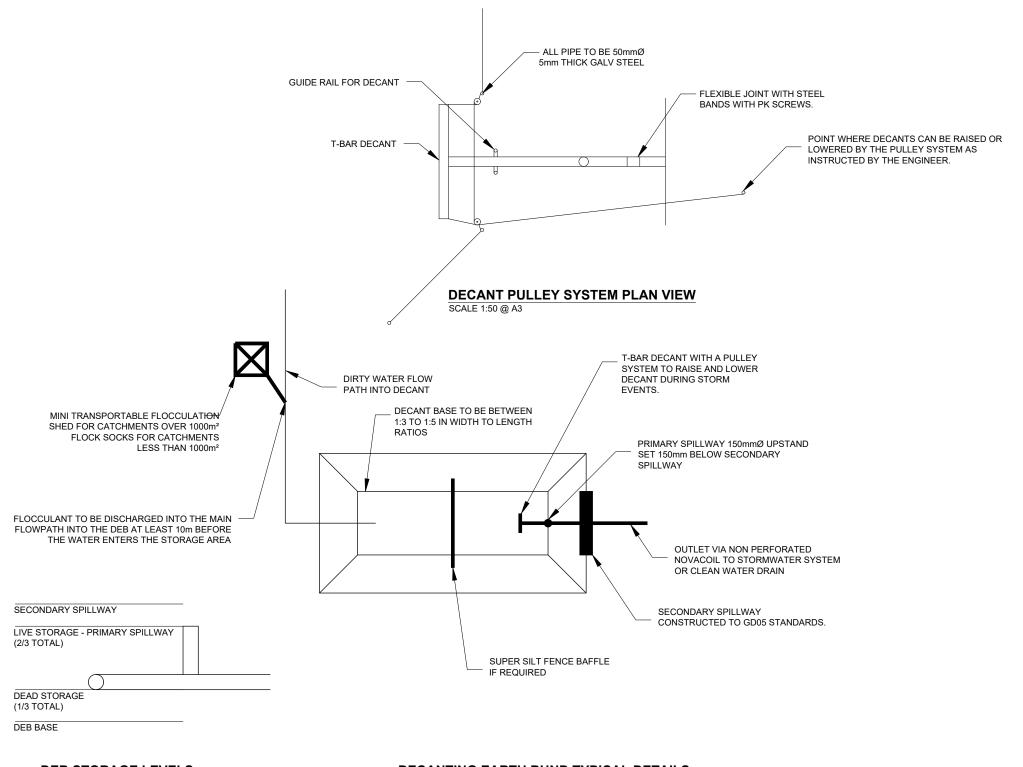
DRURY CENTRE-STAGE 2

STAGE 2 BULK EARTHWORKS
EROSION & SEDIMENT CONTROL TYPICAL DETAILS

STATUS	FOR S67 RESPONSE	REV
SCALE	NOT TO SCALE	9
COUNCIL	AUCKLAND COUNCIL	9
DWG NO	P24-447-01-1857-EW	/



Plot Date: 5:03:17 pm,23 July 2025, SHANZIDN



DEB STORAGE LEVELS NOT TO SCALE

DECANTING EARTH BUND TYPICAL DETAILS

SCALE 1:250 @ A3

REVISION DETAILS		INT	DATE	SURVEYED	
2	ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
3	ISSUED FOR FAST TRACK CONSENT	EW	21/02/25	DRAWN	NS
4	FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW
9	FOR S67 RESPONSE	SM	23/07/25	APPROVED	GW





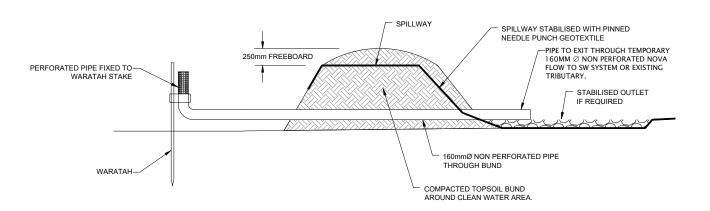


DRURY CENTRE-STAGE 2

STAGE 2 BULK EARTHWORKS
EROSION & SEDIMENT CONTROL TYPICAL DETAILS

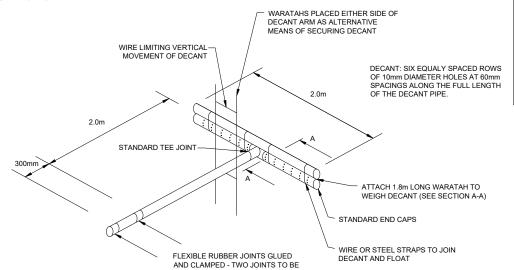
STATUS	FOR S67 RESPONSE	REV
SCALE	NOT TO SCALE	9
COUNCIL	AUCKLAND COUNCIL	9
DWG NO	P24-447-01-1858-EW	I

SEDIMENT RETENTION POND SCHEMATIC

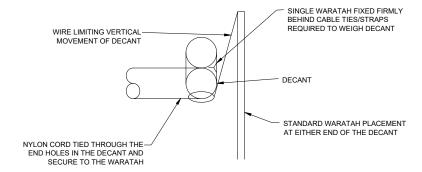


CLEAN WATER DECANT DETAIL

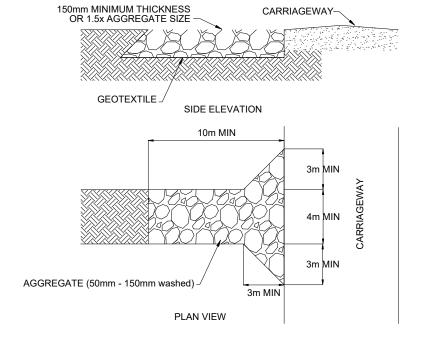




USED ONLY FOR LOWER DECANTS



T-BAR DECANT DETAIL



STABILISED CONSTRUCTION ENTRANCE DETAIL

	RE	REVISION DETAILS		DATE	SURVEYED	
	2	ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
	3	ISSUED FOR FAST TRACK CONSENT	EW	21/02/25	DRAWN	NS
Ī	4	FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW
	9	FOR S67 RESPONSE	SM	23/07/25	APPROVED	GW



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DRURY CENTRE-STAGE 2

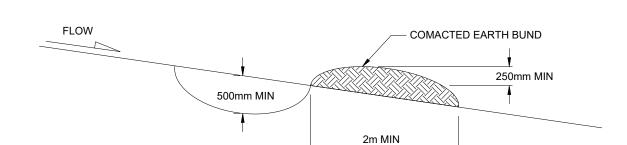
STAGE 2 BULK EARTHWORKS
EROSION & SEDIMENT CONTROL TYPICAL DETAILS

STATUS	FOR S67 RESPONSE	REV
SCALE	NOT TO SCALE	9
COUNCIL	AUCKLAND COUNCIL	9
DWG NO	P24-447-01-1859-EW	/

WOODS Est.1970

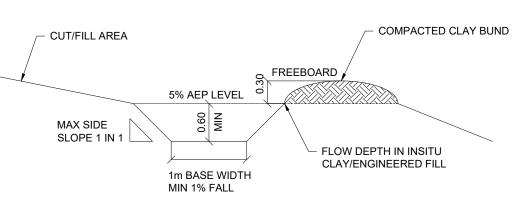
lot Date: 5:03:18 pm,23 July 2025, SHANZIDN

SLOPE / FLOW



CONTOUR DRAIN DETAIL

Scale: 1:50 @ A3



PRIMARY DIRTY WATER DIVERSION DRAIN DETAIL

Scale: 1:50 @ A3



ELEVATION

ROCK SIZE TO BE 100MM TO 300MM MIX

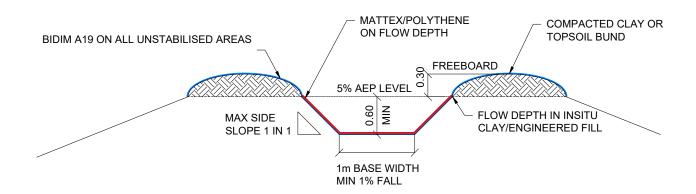
DOWNSTREAM FACE AT A SLOPE OF 2:1

STANDARD ROCK CHECK DAM DESIGN

	SPACING (M) BETWEEN DAMS	SPACING (M) BETWEEN DAMS
SLOPE	(450MM CENTRE HEIGHT)	(600MM CENTRE HEIGHT)
	,	,
2% OR LESS	24	30
2% TO 4%	12	15
4% TO 7%	8	11
7% TO 10%	5	6
OVER 10%	USE STABILISED CHANNEL	USE STABILISED CHANNEL

ROCK CHECK DAM DETAIL

Not to Scale



Scale: 1:50 @ A3

PRIMARY CLEAN WATER DIVERSION DRAIN DETAIL

l					
RE	VISION DETAILS	INT	DATE	SURVEYED	
2	ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
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4	FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW
9	FOR S67 RESPONSE	SM	23/07/25	APPROVED	GW
4 9	FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW



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PRIMARY DRAINS NOTES:

- 1. DRAINS DESIGNED FOR MAXIMUM 6 Ha CATCHMENTS WITH MINIMUM 1% GRADES. WHERE CATCHMENTS ARE LARGER OR GRADES ARE LESS, THEN FURTHER DESIGN IS REQUIRED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- 2. LINING OF CLEAN WATER DRAINS IS TO BE BIDIM A19 ON ALL EXPOSED CLAY AREAS AND MATTEX GT15 ON TOP OF BIDIM WITHIN FLOW CHANNEL. POLYTHENE MAY BE REQUIRED UPON INSTRUCTION BY GEOTECHNICAL ENGINEER IN SPECIFIC AREAS.
- 3. ROCK CHECK DAMS IN CLEAN WATER AND DROP OUT PITS FOR DIRTY WATER DRAINS ARE REQUIRED FOR GRADES STEEPER THAN 5%. LOCATIONS TO BE DETERMINED ON SITE BY ENGINEER PRIOR TO INSTALLATION.

DRURY CENTRE-STAGE 2

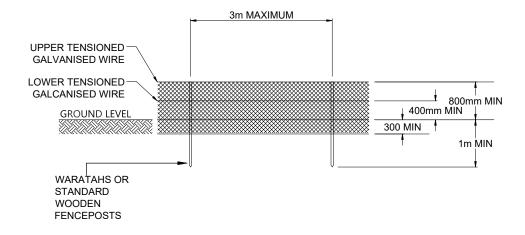
STAGE 2 BULK EARTHWORKS **EROSION & SEDIMENT CONTROL TYPICAL DETAILS**

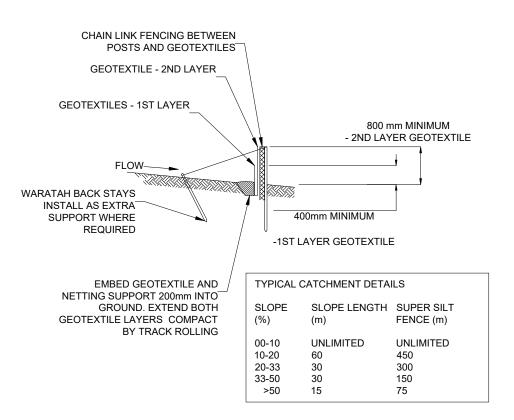
STATUS	FOR S67 RESPONSE	REV
SCALE	NOT TO SCALE	9
COUNCIL	AUCKLAND COUNCIL	9
DWG NO	P24-447-01-1860-EW	/



- 1. POST SPACING CAN BE INCREASED FROM 2m TO 4m IF SUPPORTED BY A 2.5mm DIAMETER HIGH TENSILE WIRE ALONG THE TOP WITH CLIPS EVERY
- 2. WRAP BOTH ENDS OF THE FABRIC AROUND ON STAKE AND CLAMP THE OTHER STAKE TO IT USING SELF TAPPING WOOD SCREWS AT 150mm SPACINGS

SUPER SILT FENCE RETURNS DETAILS						
SLOPE	SPACING					
DRAIN	RETURN					
(%)	(m)					
00-10	60					
10-20	50					
20-33	40					
33-50	30					
>50	20					





600mm HEIGHT OF GEOTEXTILE FABRIC **GROUND LEVEL** STEEL STANDARDS SUCH AS-TRENCH GEOTEXTILE WARATAHS OR STANDARD FABRIC 200mm INTO WOODEN FENCEPOSTS (No.3 THE GROUND AND ROUNDS MINIMUM DRIVEN A 200mm UPSLOPE MINIMUM OF 500mm INTO THE **GROUND** GEOTEXTILE FIXED FIRMLY TO WARATAH-600mm HIGH **FLOW** GEOTEXTILE FABRIC 200mm DEPTH OF FABRIC COMPACTED BACKFILL TRENCH GEOTEXTILE 200mm-INTO GROUND SELF TAPPING-WOOD SCREWS SUPER SILT FENCE CROSS SECTION STANDARD **DETAIL FOR FABRIC JOIN** FLOW-FLOW-RETURNS 1-3m IN LENGTH TO REDUCE VELOCITY ALONG THE SUPER SILT FENCE AND PROVIDE ENDS WIRED BACK TO INTERMEDIATE IMPOUNDMENT STAKE OR WARATAH PROVIDE LEAKPROOF JOINT AT FLOW-THE JUNCTION OF THE RETURNS AND MAIN SUPER SILT FENCE FLOW-ALINGMENT PROVIDE LEAKPROOF JOIN USING WOODEN STAKES BURIED 200mm IN THE GROUND AND EXTENDING THE FULL HEIGHT OF THE FABRIC SUPER SILT FENCE

SUPER SUPER SILT FENCE DETAIL

SUPER SILT FENCE WITH RETURNS DETAIL

RETURNS AND WIRE

VISION DETAILS	INT	DATE	SURVEYED	
ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
ISSUED FOR FAST TRACK CONSENT	EW	21/02/25	DRAWN	NS
FOR S67 RESPONSE	RO	17/07/25	CHECKED	GW
FOR S67 RESPONSE	SM	23/07/25	APPROVED	GW
	ISSUED FOR 99% SUBMISSION ISSUED FOR FAST TRACK CONSENT FOR S67 RESPONSE	ISSUED FOR 99% SUBMISSION MF-E ISSUED FOR FAST TRACK CONSENT EW FOR S67 RESPONSE RO	ISSUED FOR 99% SUBMISSION MF-E 10/02/25 ISSUED FOR FAST TRACK CONSENT EW 21/02/25 FOR 567 RESPONSE RO 17/07/25	ISSUED FOR 99% SUBMISSION MF-E 10/02/25 DESIGNED ISSUED FOR FAST TRACK CONSENT EW 21/02/25 DRAWN FOR S67 RESPONSE RO 17/07/25 CHECKED





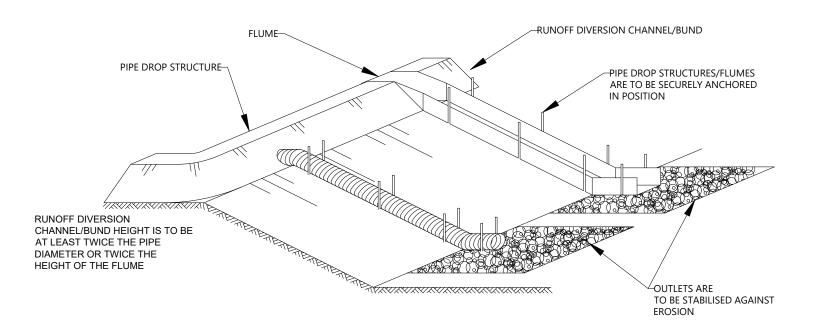


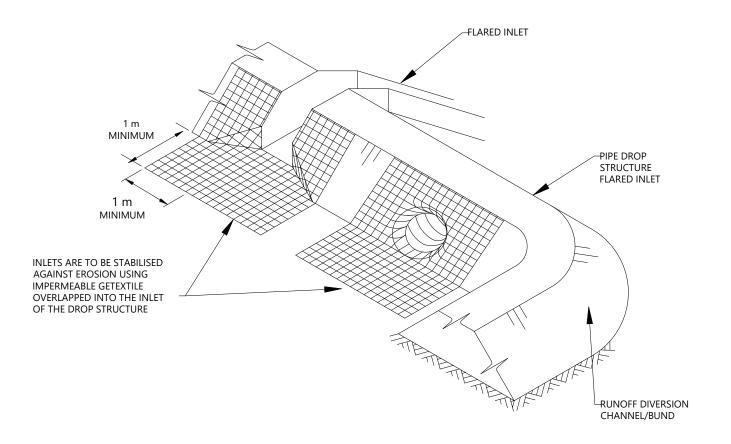
DRURY CENTRE-STAGE 2

STAGE 2 BULK EARTHWORKS
EROSION & SEDIMENT CONTROL TYPICAL DETAILS

STATUS	FOR S67 RESPONSE	REV	
SCALE	NOT TO SCALE	9	
COUNCIL	AUCKLAND COUNCIL	9	
DWG NO	VG NO P24-447-01-1861-EW		







DESIGN CRITERIA FOR PIPE DROP STRUCTURE

PIPE DIAMETER (mm)	MAXIMUM CATCHMENT AREA (ha)
150	0.05
300	0.20
450	0.60
500	1.00
600	1.00

PIPE DROP STRUCTURE DETAIL (IF REQUIRED)

REVISION DETAILS		INT	DATE	SURVEYED	
2	ISSUED FOR 99% SUBMISSION	MF-E	10/02/25	DESIGNED	NS
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DRURY CENTRE-STAGE 2

STAGE 2 BULK EARTHWORKS **EROSION & SEDIMENT CONTROL TYPICAL DETAILS**

STATUS	FOR S67 RESPONSE	REV		
SCALE	NOT TO SCALE	9		
COUNCIL	AUCKLAND COUNCIL	٩		
DWG NO	P24-447-01-1862-EW	/		

