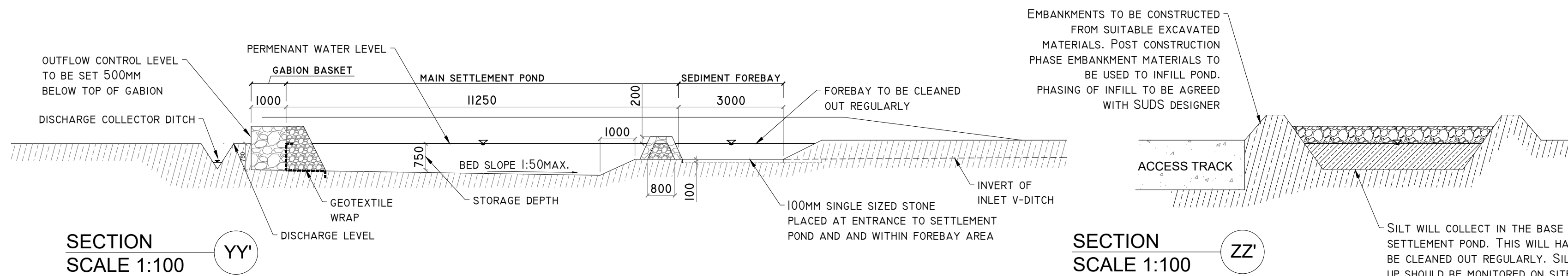
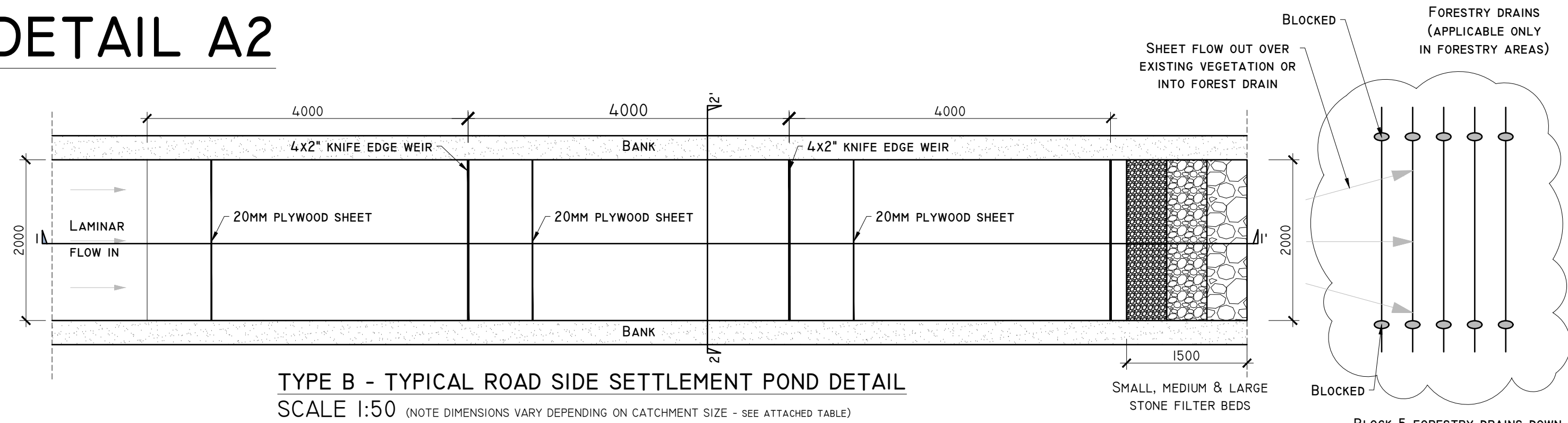


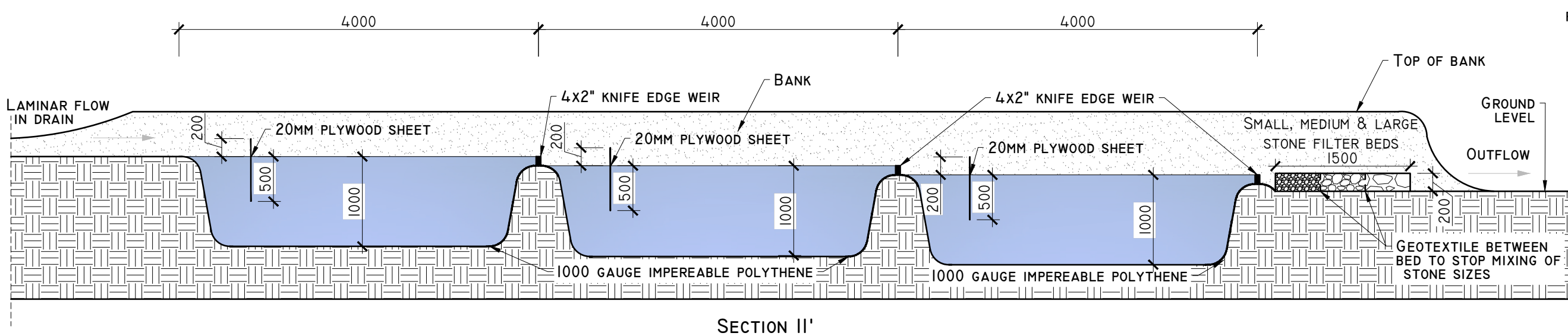
TYPE A - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



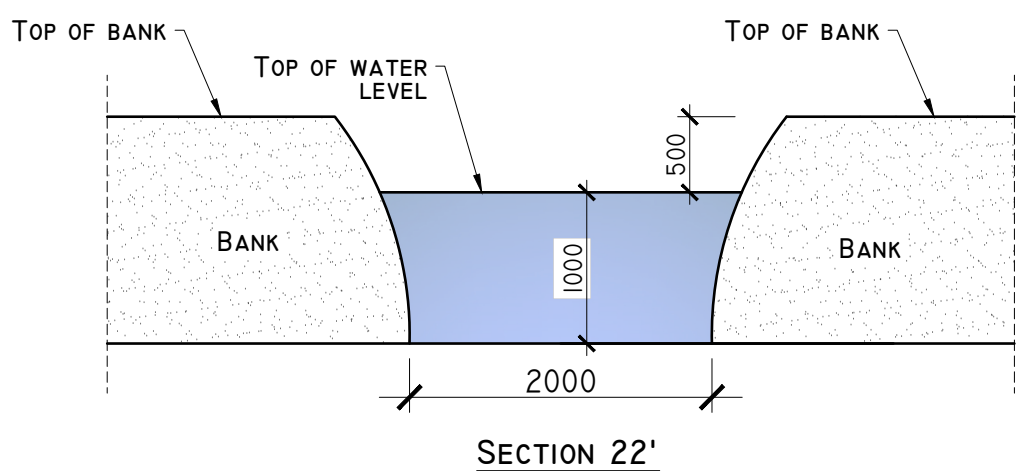
DETAIL A2



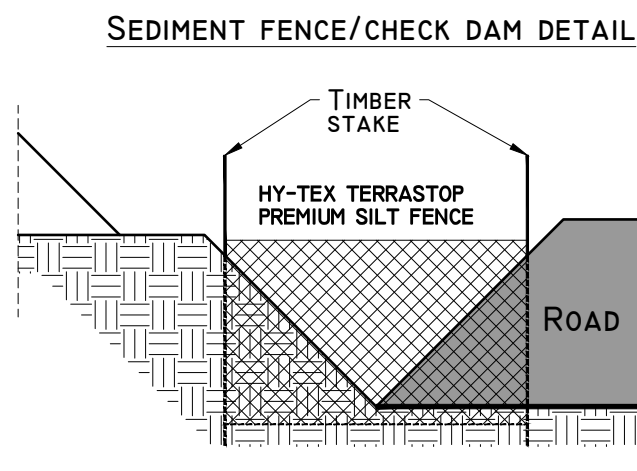
TYPE B - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL
SCALE 1:50 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



SECTION II'

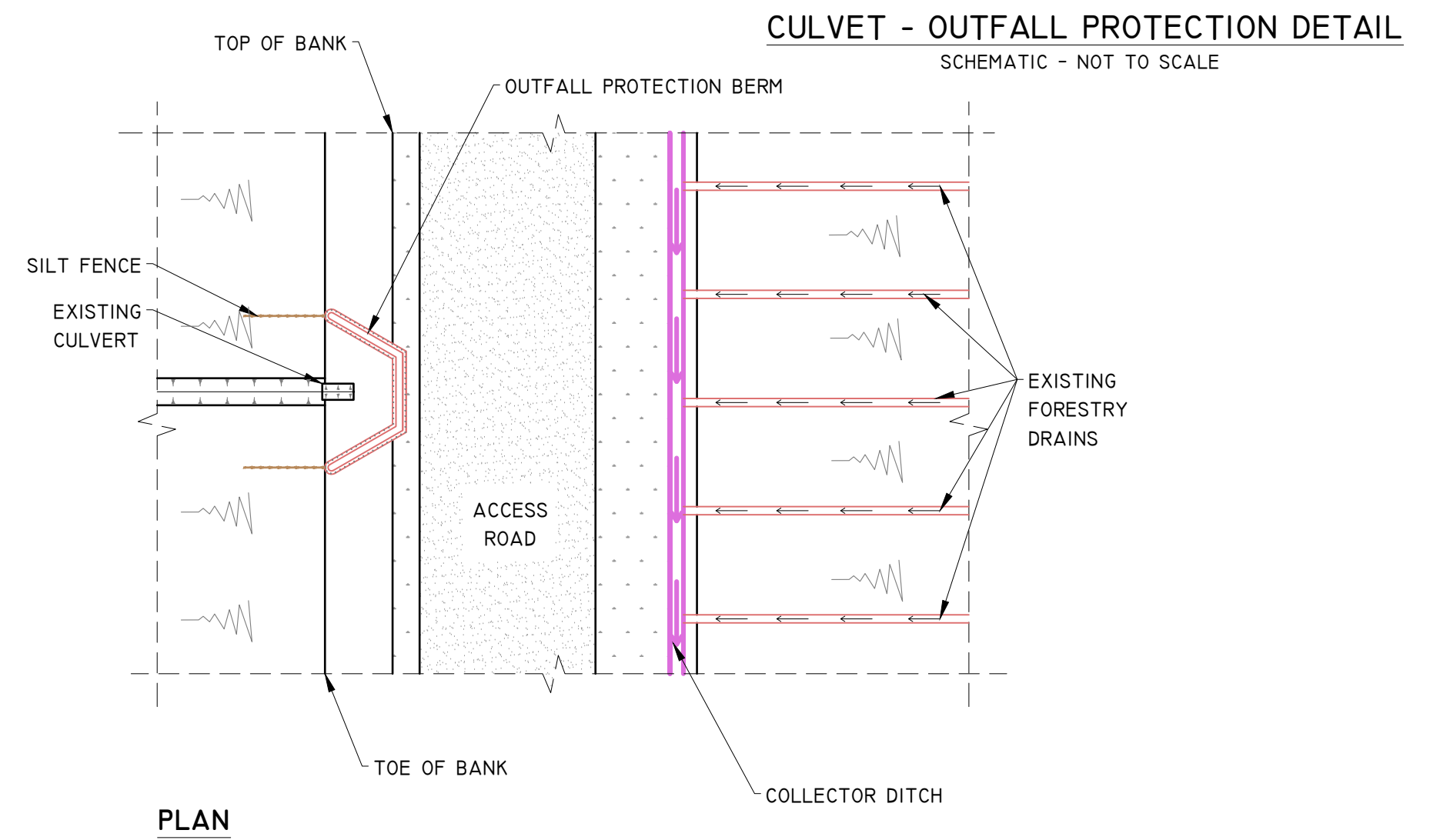


SECTION 22'



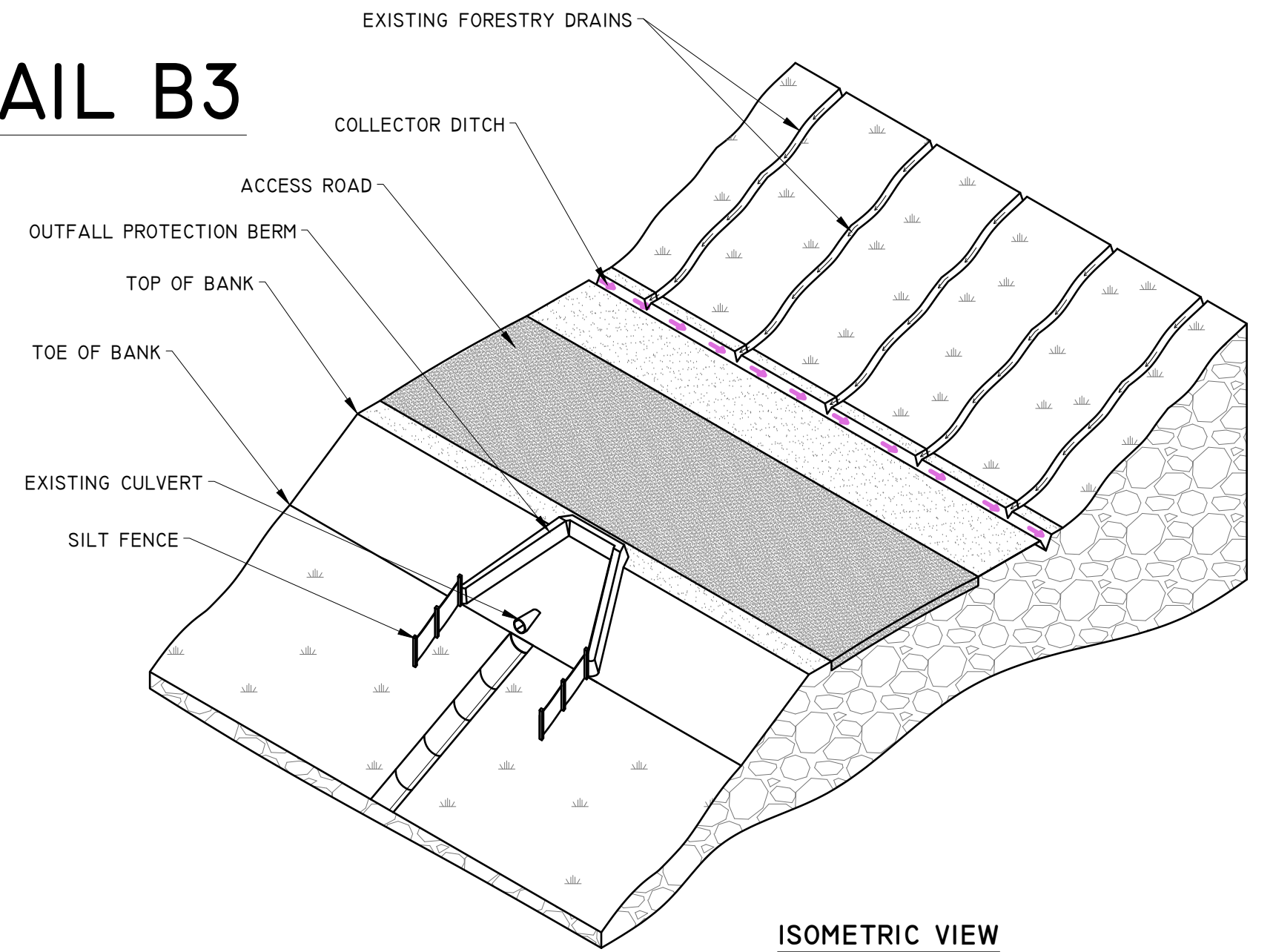
POND SIZE W [m] x L [m] x D [m]			TRACK/HARDSTAND CATCHMENT SIZE (M²)		
RETURN PERIOD	10 YRS	STORM DURATION	500	1000	2000
6HR RETENTION FOR COARSE SILT	6 HRS	2.5 x 7.5 x 1 m	3.5 x 12 x 1 m	6.0 x 19.8 x 1 m	
11HR RETENTION FOR MEDIUM SILT	12 HRS	3.5 x 10.8 x 1 m	5 x 16.8 x 1 m	8.5 x 28.0 x 1 m	
24HR RETENTION FOR FINE SILT	24 HRS	5 x 15.3 x 1 m	7.3 x 23.3 x 1 m	12.5 x 38 x 1 m	

DETAIL A1



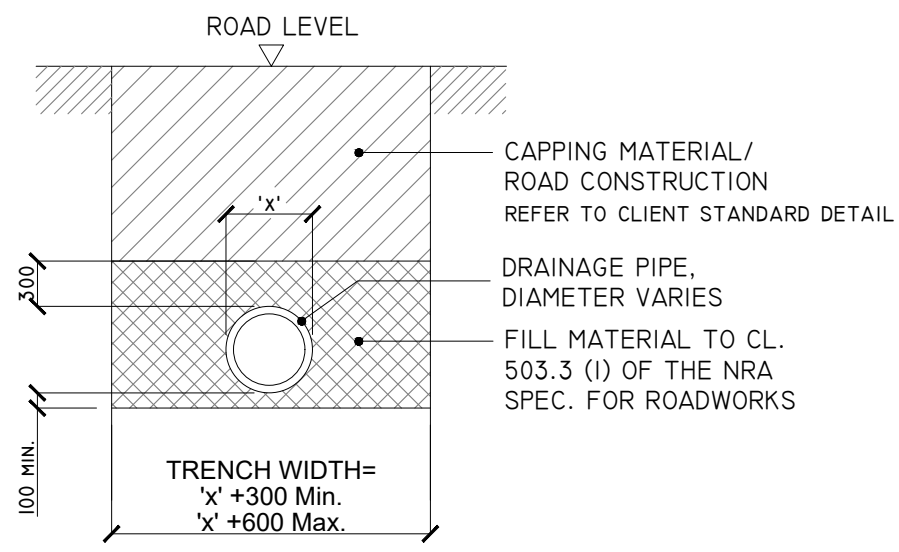
PLAN

DETAIL B3



ISOMETRIC VIEW

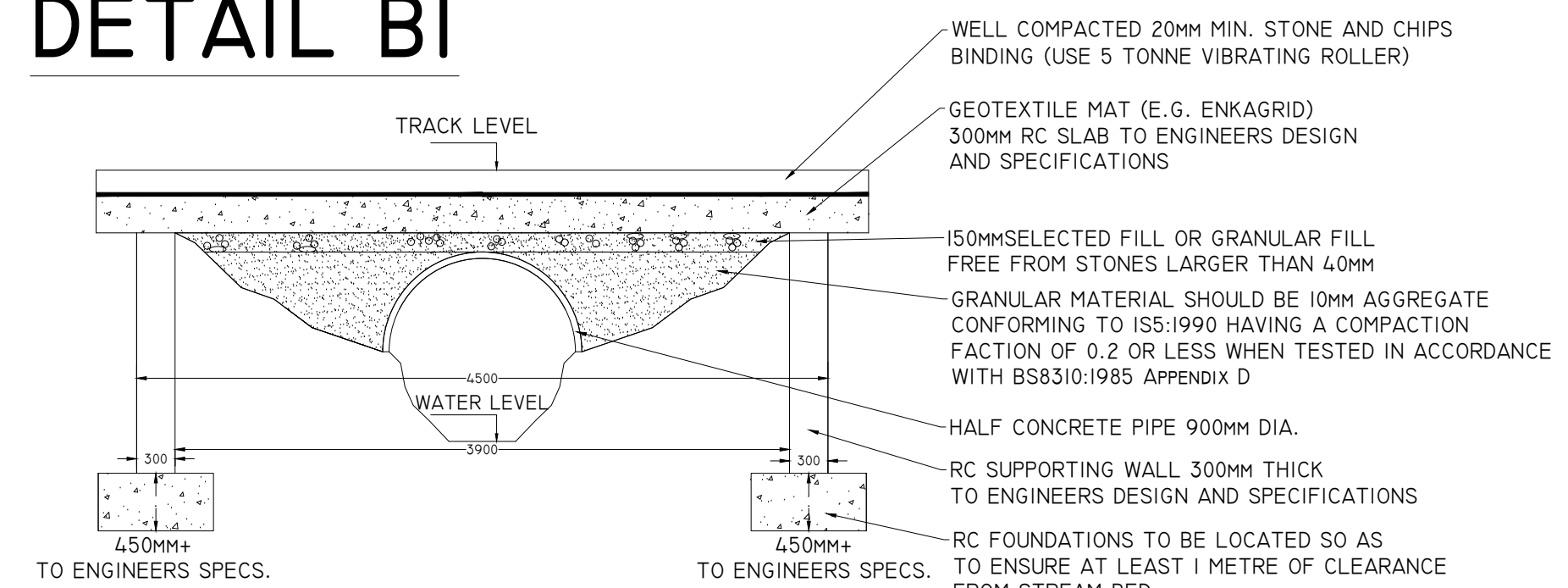
DETAIL B2



'TYPE B' CULVERT - DRAINAGE CROSSING BENEATH EXCAVATED ROAD

SCALE 1:50


DETAIL B1



'TYPE A' TYPICAL SECTION OF STREAM BOTTOMLESS CULVERT THRU' ROAD (WHERE APPLICABLE)

SCALE 1:50

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24/02/25	Planning	MG	MG
Date	Description	Chkd	Signed
Revisions			
 22 Lower Main St Dungannon Co. Waterford Ireland			
Client:		EcoPOWER	
Job:		BALLYNALACKEN WF, Co. KILKENNY	
Title:		DRAINAGE DETAILS I	
Figure No:		D501	
Drawing No: P1562-0-0225-A1-D501-00C			
Sheet Size: A1		Project No.: P1562-0	
Scale: as shown (A1)		Drawn By: MG/GA	
Date: 24/02/2025		Checked By: MG	