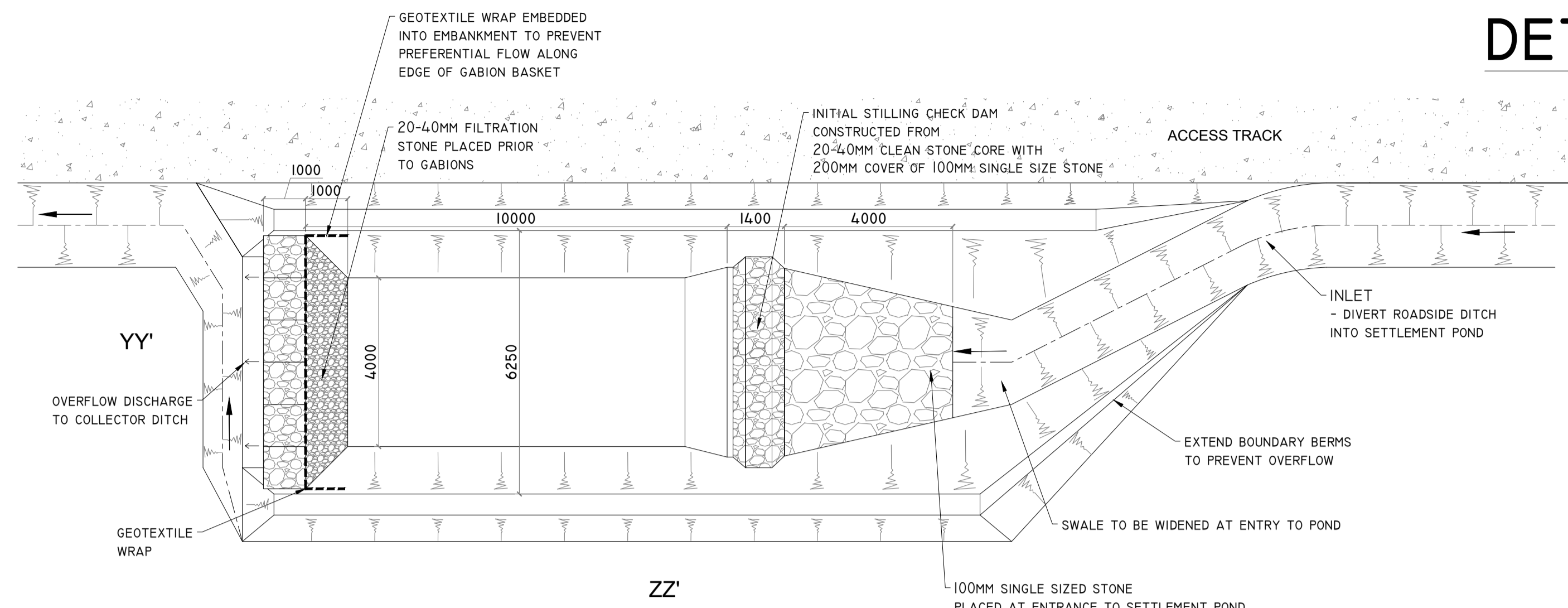
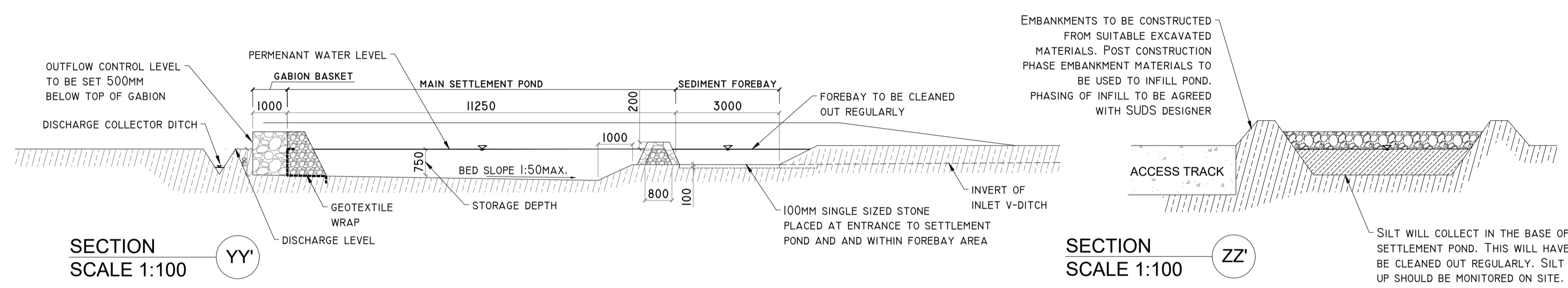


# DETAIL A1



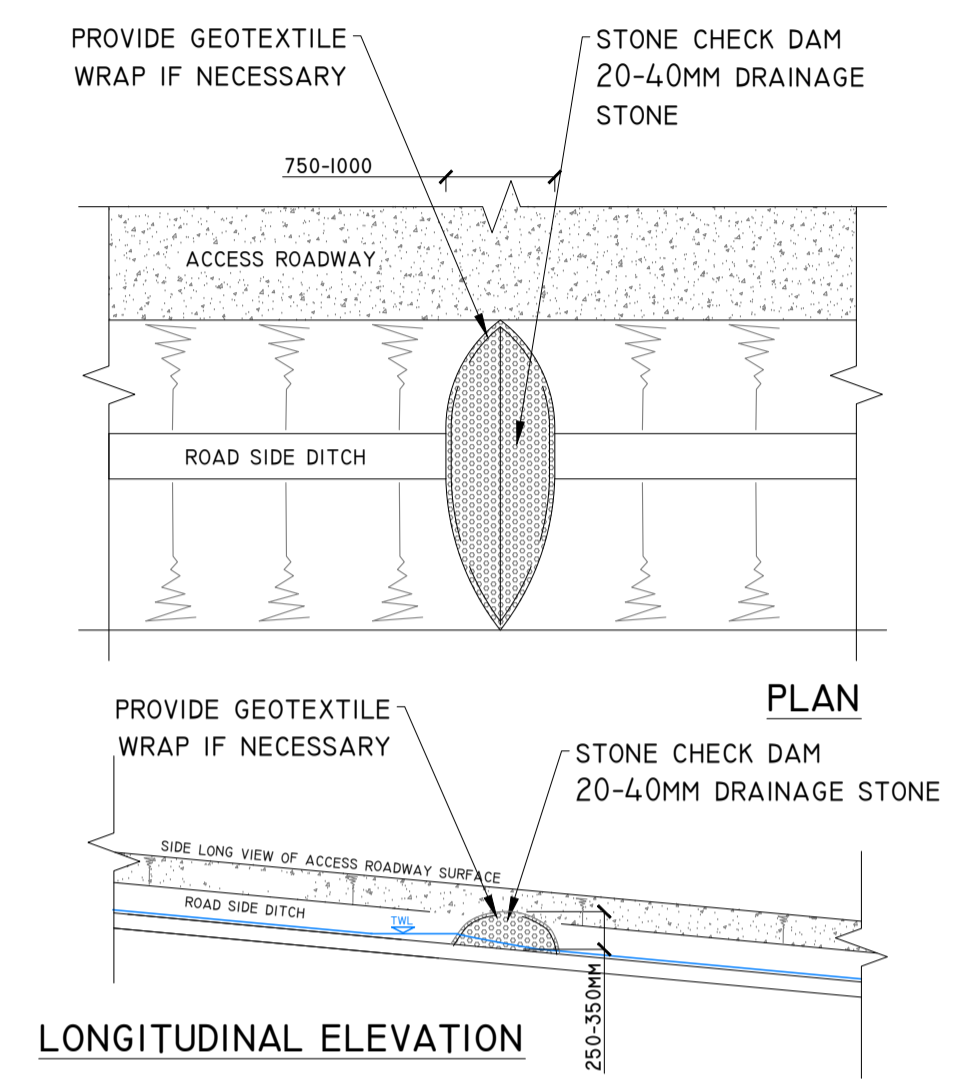
**TYPE A - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL**  
SCALE 1:100 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



**SECTION YY'**  
SCALE 1:100

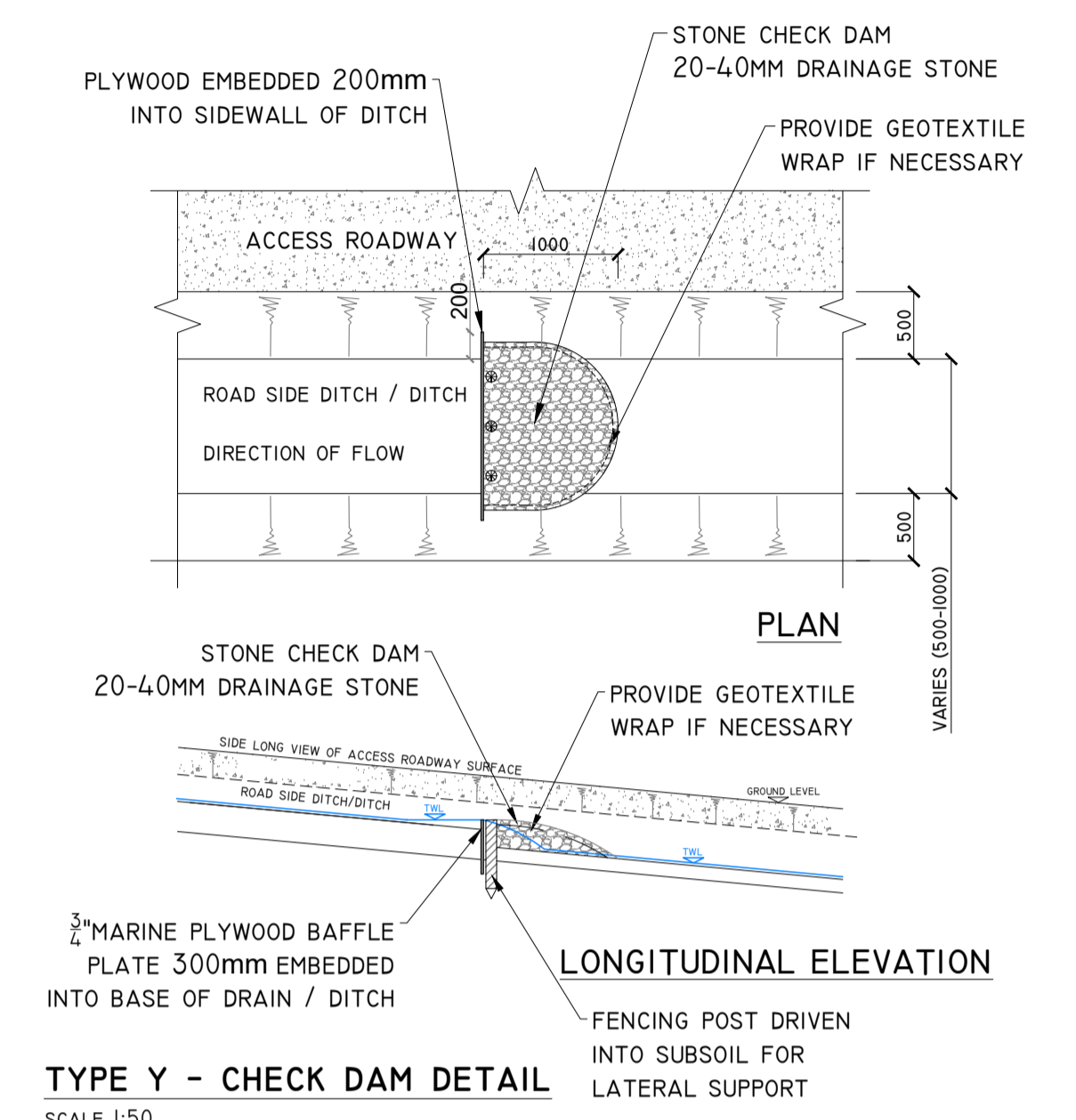
**SECTION ZZ'**  
SCALE 1:100

# DETAIL C



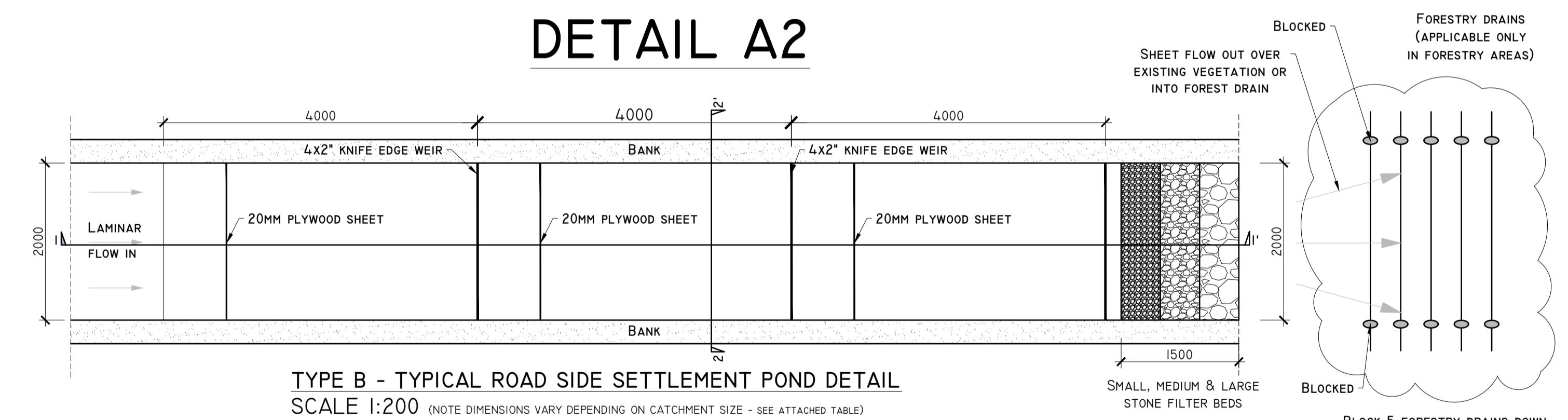
**TYPE X - CHECK DAM DETAIL**  
SCALE 1:50

# DETAIL D

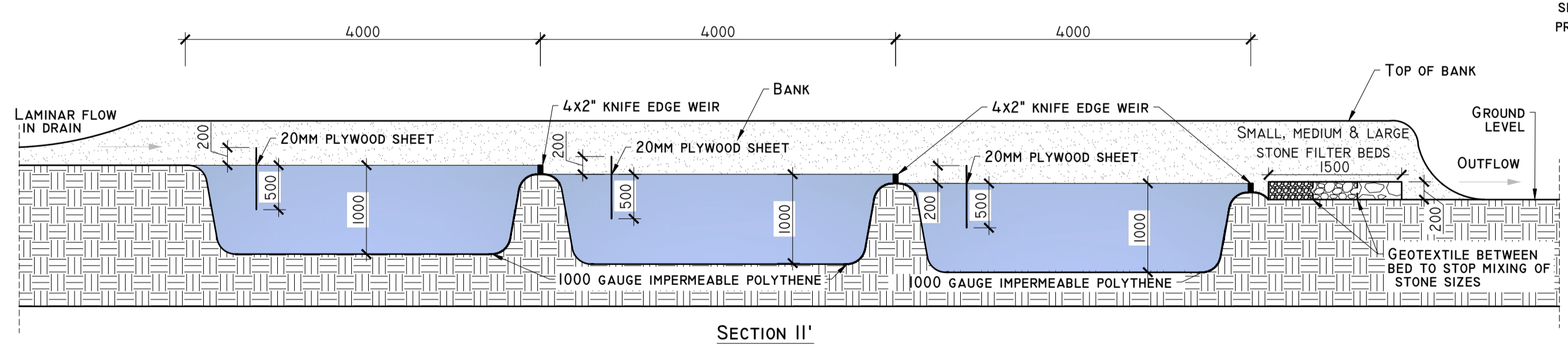


**TYPE Y - CHECK DAM DETAIL**  
SCALE 1:50

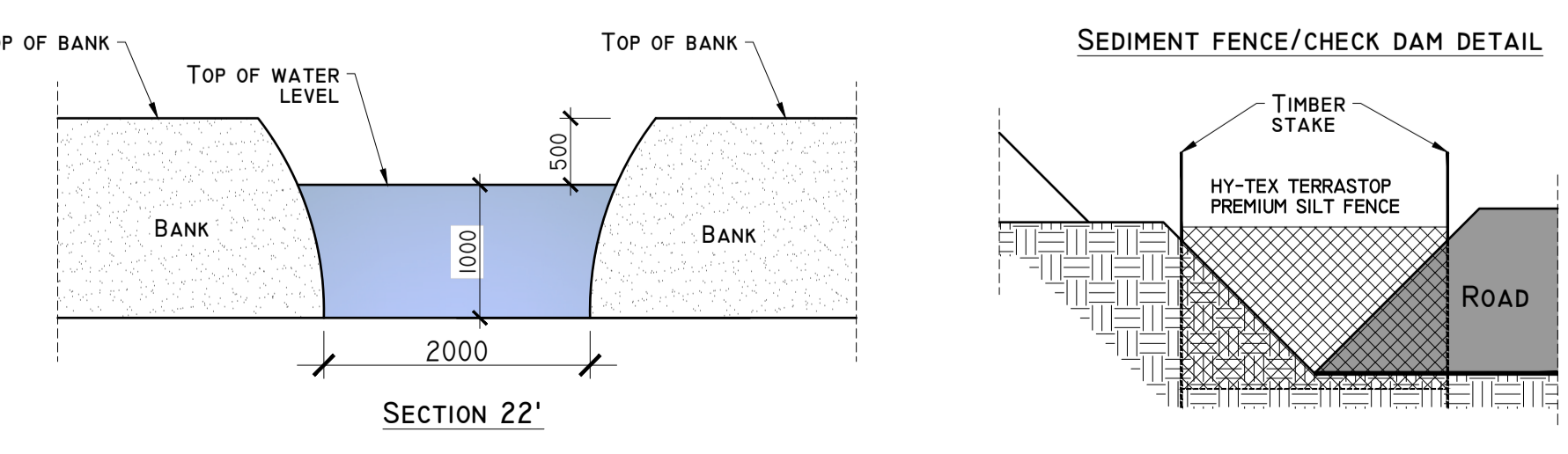
# DETAIL A2



**TYPE B - TYPICAL ROAD SIDE SETTLEMENT POND DETAIL**  
SCALE 1:200 (NOTE DIMENSIONS VARY DEPENDING ON CATCHMENT SIZE - SEE ATTACHED TABLE)



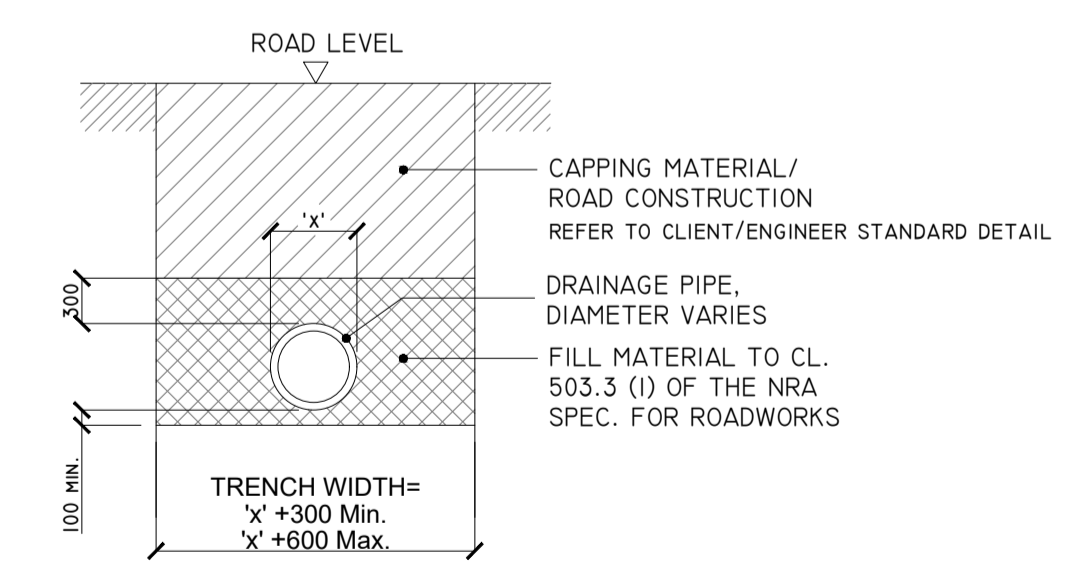
**SECTION II'**



**SECTION 22'**

RETURN PERIOD	POND SIZE W [M] X L [M] X D [M]			CATCHMENT SIZE (M <sup>2</sup> )		
	10 YRS	STORM DURATION	500	1000	2000	
6HR RETENTION FOR COARSE SILT	6 HRS	2.6 x 6.8 x 1 M	3.6 x 10.0 x 1 M	5.1 x 14.0 x 1 M		
11HR RETENTION FOR MEDIUM SILT	11 HRS	3.8 x 10.0 x 1 M	5.5 x 14.0 x 1 M	7.7 x 20.0 x 1 M		
24HR RETENTION FOR FINE SILT	24 HRS	6.5 x 16 x 1 M	9.0 x 23.0 x 1 M	12.8 x 32.0 x 1 M		

# DETAIL B2



**'TYPE B' CULVERT - DRAINAGE CROSSING BENEATH EXCAVATED ROAD**  
SCALE 1:50

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Date	Description	Chkd	Signed
Revisions			

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Client: **LEMNAGHAN WIND FARM DAC**

Job: **LEMNAGHAN WF, Co. OFFALY**

Title: **DRAINAGE DETAILS I**

Figure No: **D501**

Drawing No: **P1540-0-0326-A1-D501-Rev A**

Sheet Size: **A1** Project No.: **P1540-0**  
Scale: **as shown (A1)** Drawn By: **GA**  
Checked By: **M.G.**