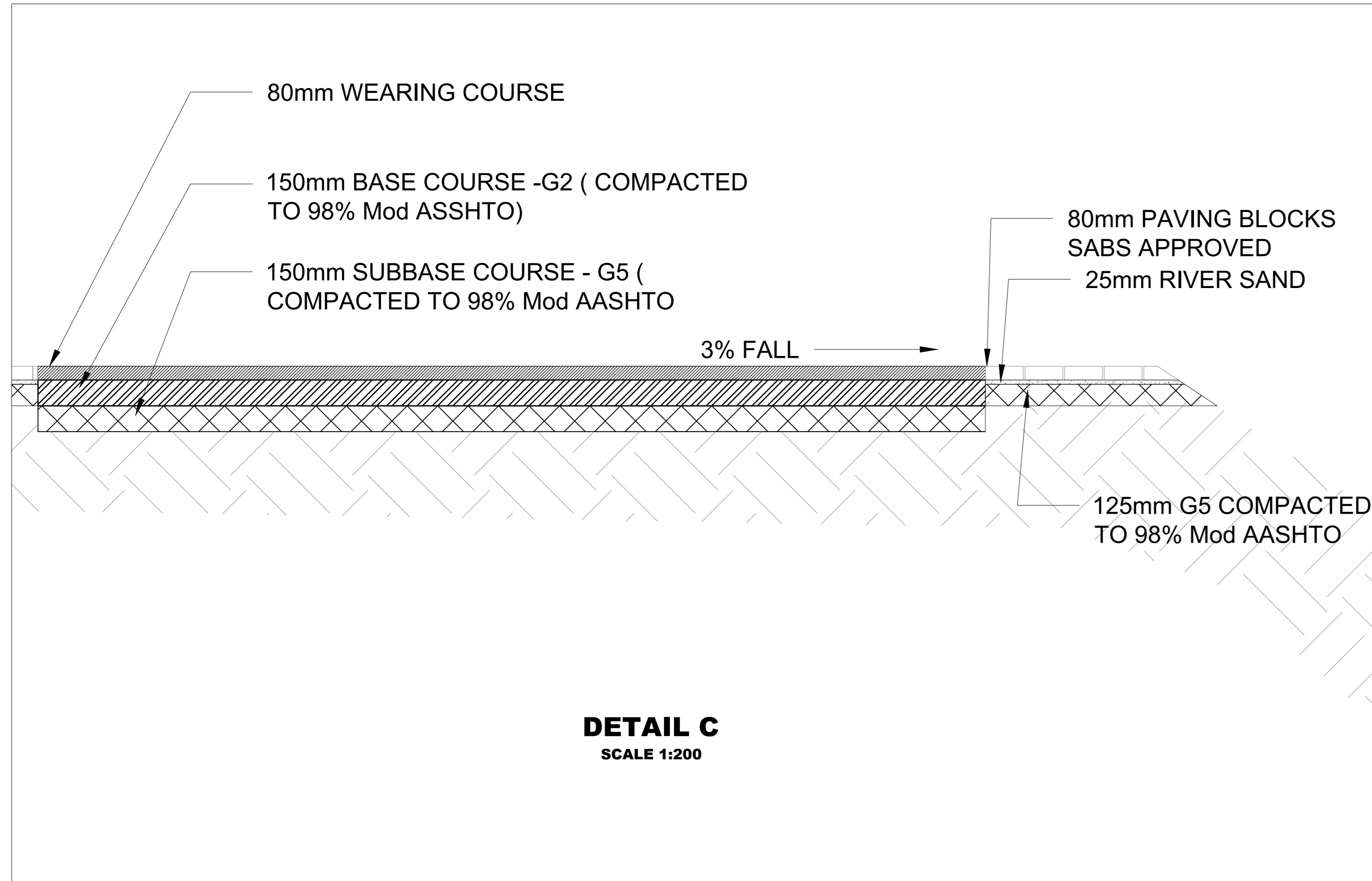


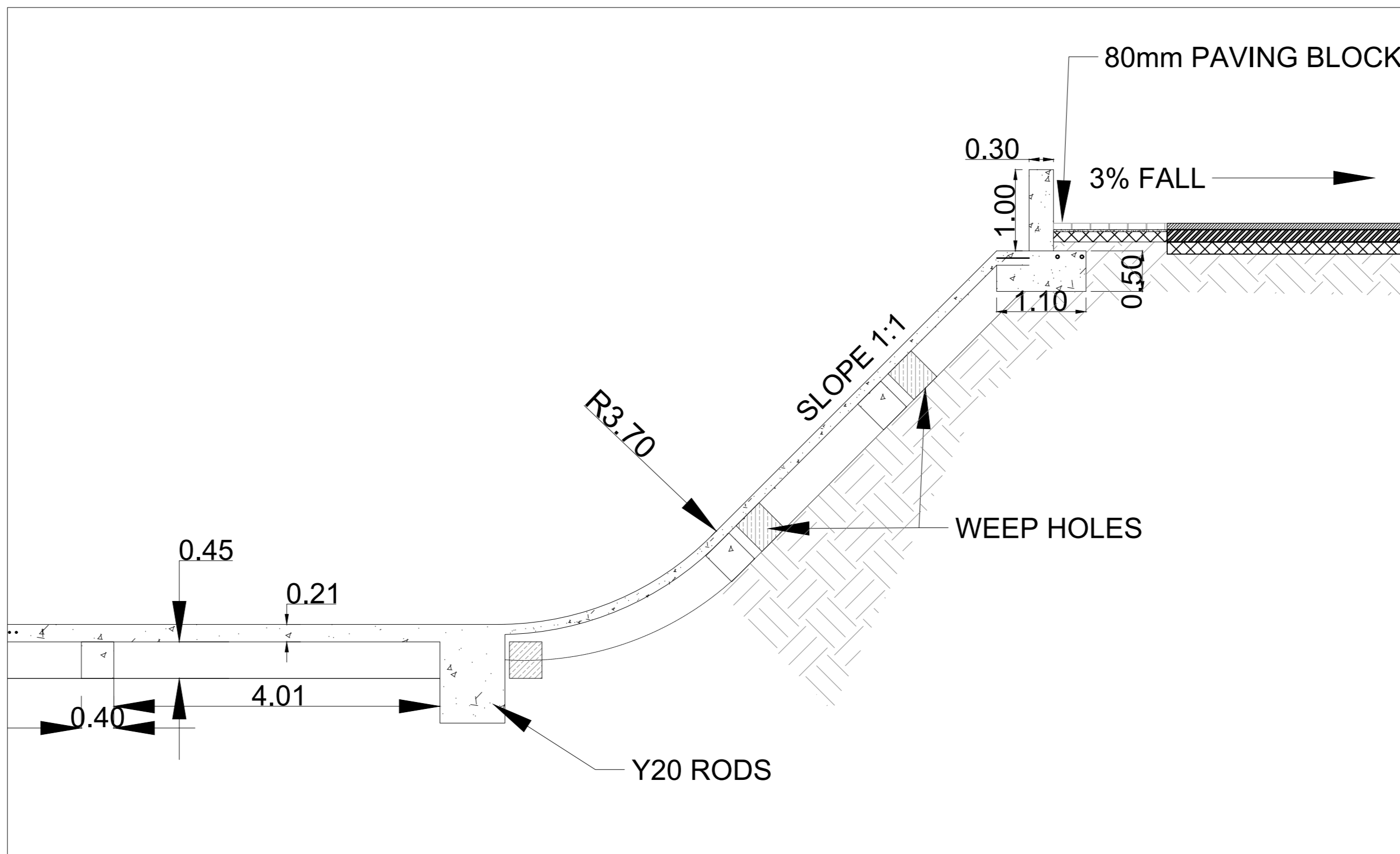
UMLAZI CANAL CROSS SECTION
SCALE 1:100

NOTES

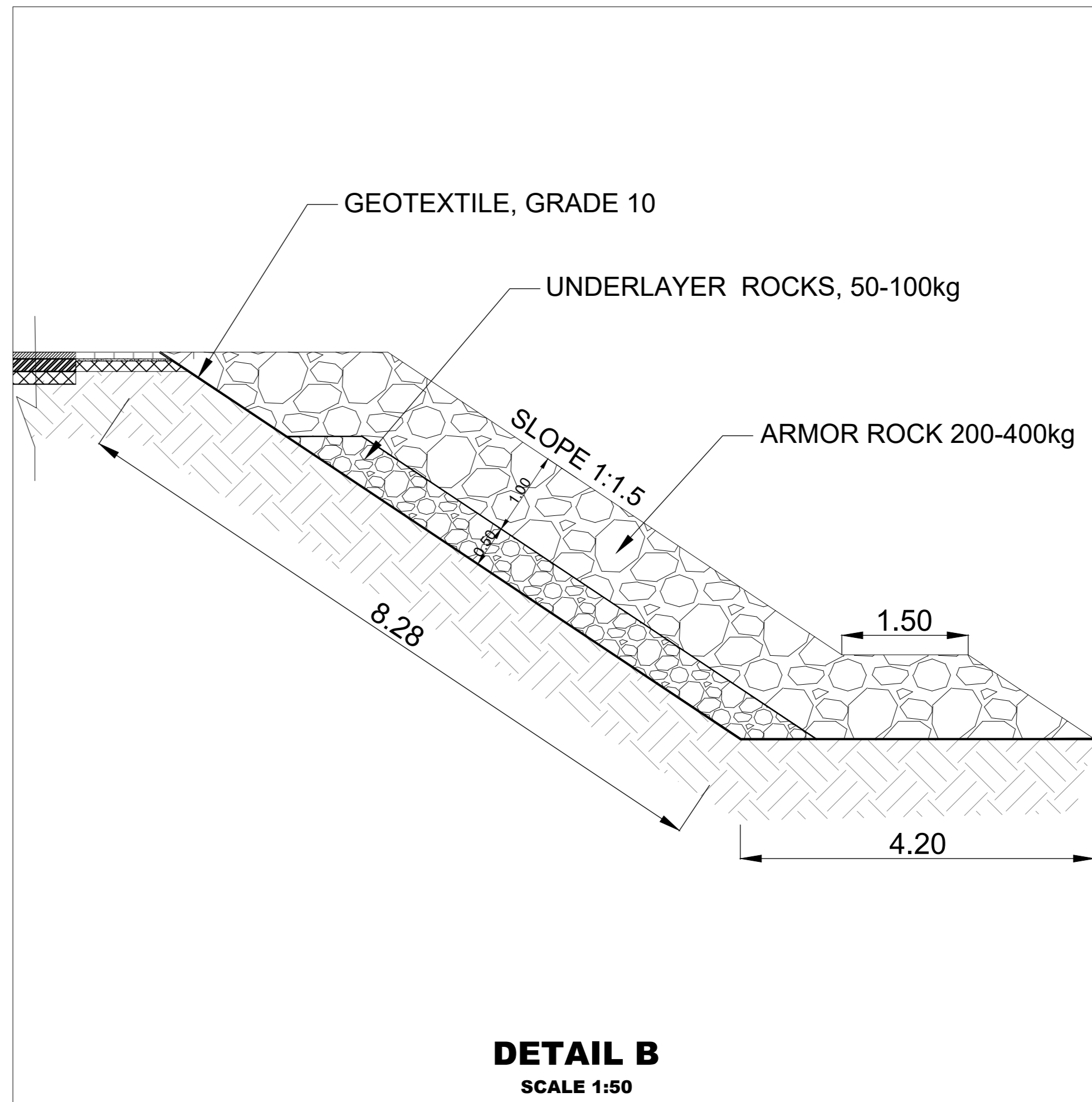
1. The Canal is 3.7km long. However the section requires repairs is 600m long.
2. The current capacity of the Canal is 1844m³/s with no debris and silt on the canal bed.
3. Capacity of the Canal is 1475.10 m³/s With debris and silt on the canal bed.
4. After adding 1 m deep parapet walls, the canal capacity increased to 2296.30 m³/s and 1837.04 m³/s
5. Levels to be confirmed after the survey has been conducted.



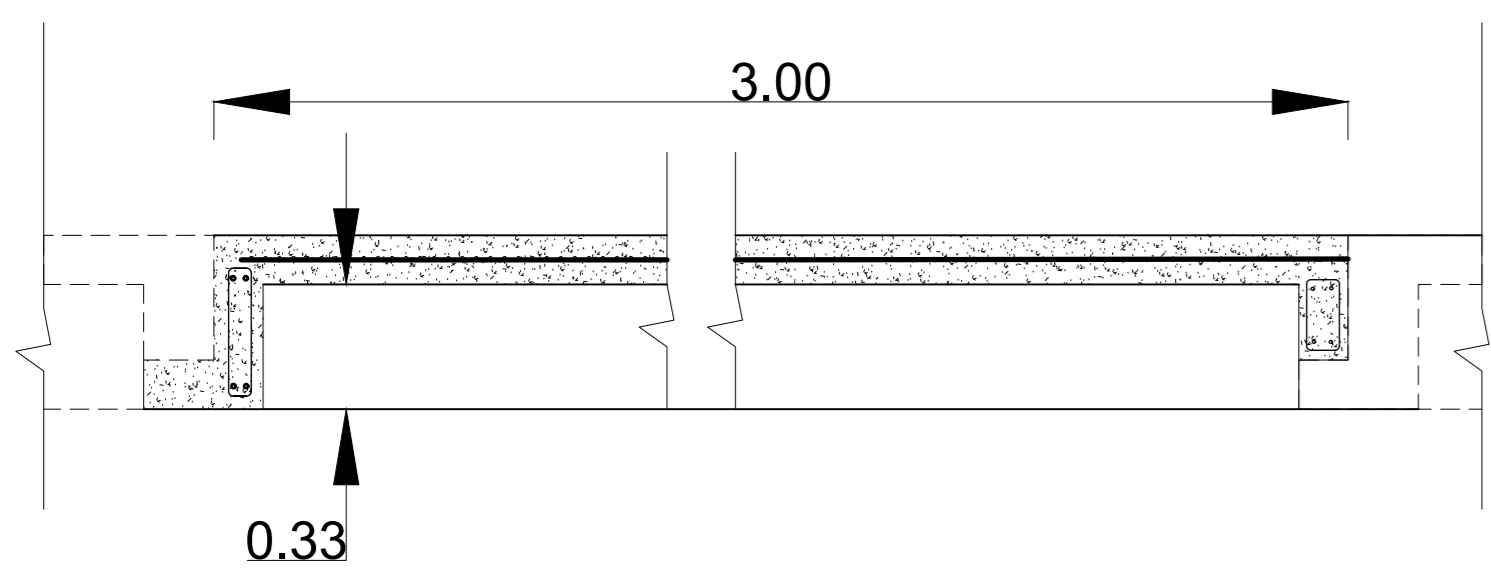
DETAIL C
SCALE 1:200



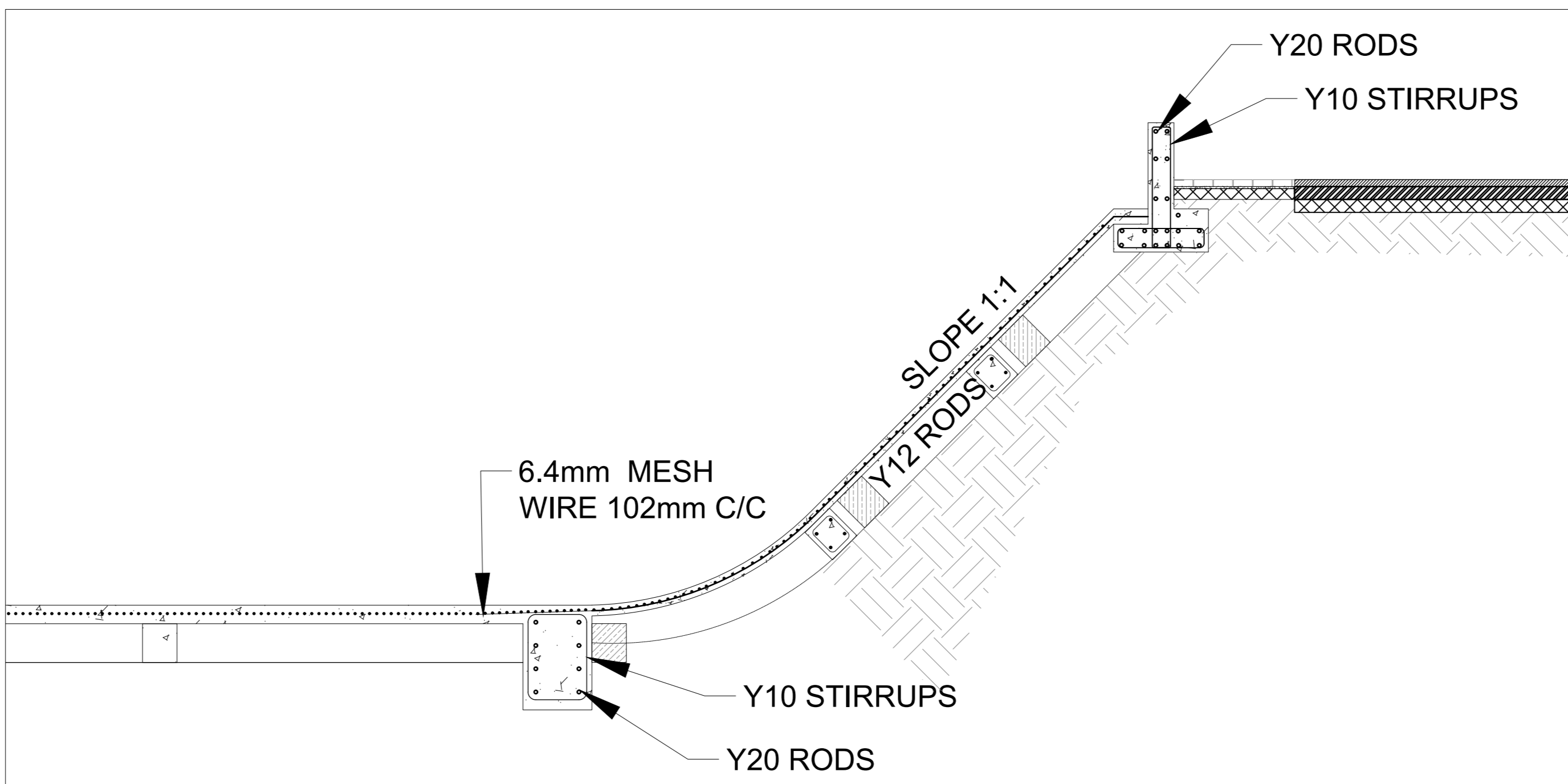
DETAIL A (SECTION D-D)
SCALE 1:50



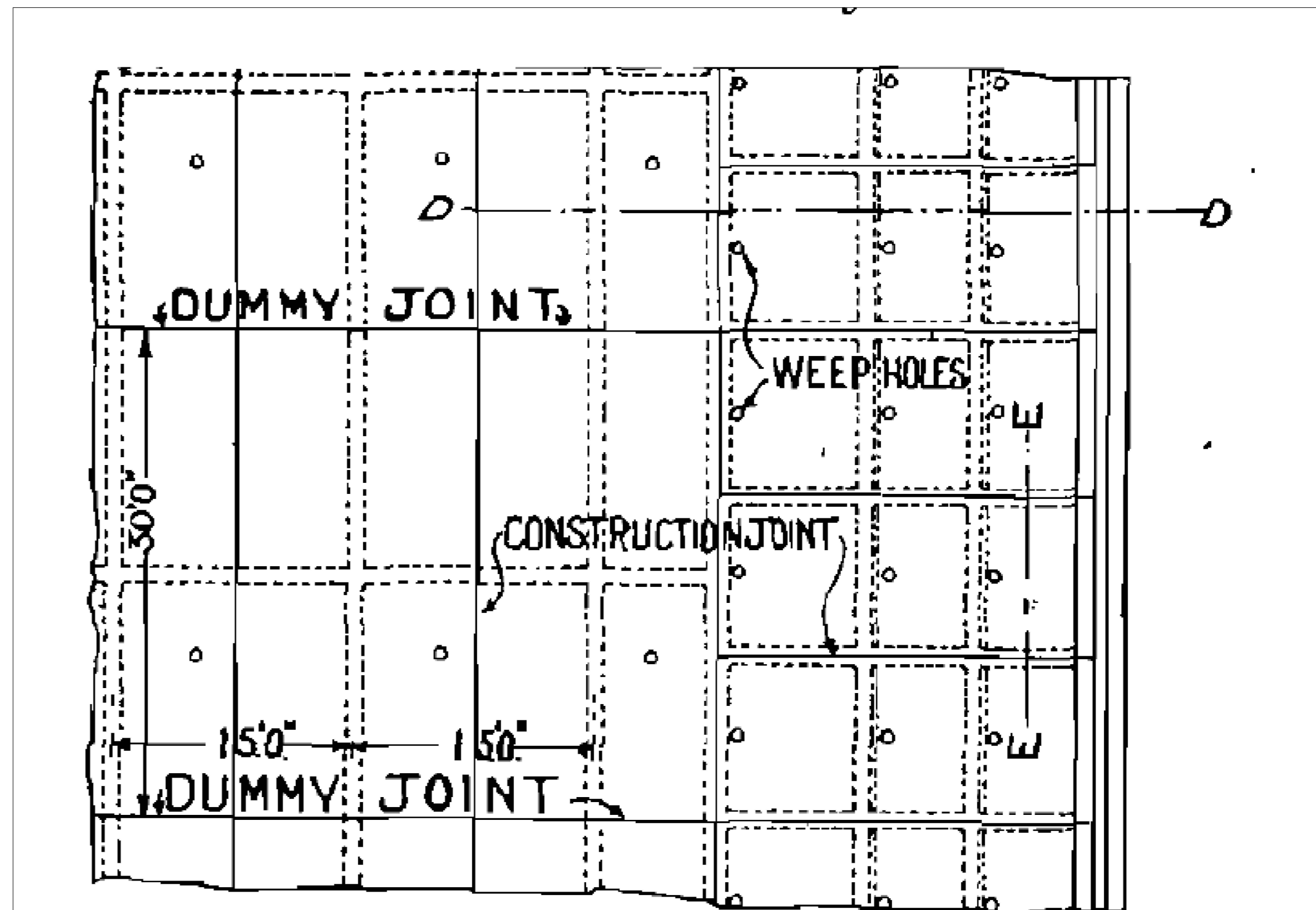
DETAIL B
SCALE 1:50



SECTION E-E
SCALE 1:200



DETAIL A (WITH REINFORCEMENT DETAILS)
SCALE 1:50



PLAN OF CANAL WALL AND FLOOR SLABS
NOT TO SCALE

DH - HARBOUR MASTER		DH - FINANCIAL MANAGER	
SIGNATURE	DATE	SIGNATURE	DATE
DH - RISK MANAGER		DH - ENVIRONMENTAL MANAGER	
SIGNATURE	DATE	SIGNATURE	DATE
DH - SECURITY MANAGER		DH - PROPERTY MANAGER	
SIGNATURE	DATE	SIGNATURE	DATE
DH - CORPORATE AFFAIRS MANAGER		DH - MARINE OPERATIONS MANAGER	
SIGNATURE	DATE	SIGNATURE	DATE
DH - MARKETING MANAGER		DH - CHIEF FIRE OFFICER	
SIGNATURE	DATE	SIGNATURE	DATE

FOR INFORMATION

No.		DESCRIPTION / REVISIONS	DATE
00		ISSUED FOR INFORMATION	2022-12-21



PORT OF DURBAN
DRAWING STANDARDS

UMLAZI CANAL AS BUILT DRAWING

DATE	2022-12-21	DH - DESIGN CENTRE MANAGER	MR. E. M. VILBO PR.20070070
SCALE	AS SHOWN	DH - PORT ENGINEER	MR. M. W. SETAKA PR.20120013
DESIGNED BY	RV	DH - PLANNING MANAGER	MR. M. W. SETAKA PR.20120013
CHECKED BY	DM	DH - PLANNING MANAGER	MR. M. W. SETAKA PR.20120013
DRAWN BY	RV	DH - PLANNING MANAGER	MR. M. W. SETAKA PR.20120013
CHECKED BY	DM	DH - PLANNING MANAGER	MR. M. W. SETAKA PR.20120013

PAPER SIZE	TRANSNET DRW. NO.	SHEET	REV.
A0	DH63A0000-000-00		
CONSULTANT / CONTRACTOR DRW. NO.			