

1. THIS WORKING DRAWING FOR PROTECTION WORK HAS BEEN PREPARED BASED ON DATA SENT BY THE SUPERINTENDING ENGINEER, KUSHITIA O&M CIRCLE, BWDB, KUSHITIA VIDE HIS OFFICE MEMO NO: 6P-14/1045, DATE-24/01/2024.

2. FOR ANY ERROR, OMISSION OR CONFUSION PLEASE REFER TO THIS OFFICE AS QUICK AS POSSIBLE FOR NECESSARY ACTION.

3. THE WORK SHALL BE EXECUTED WITH PRIOR FINANCIAL & ADMINISTRATIVE APPROVAL, TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY AND WITHIN DPP/BUDGET PROVISION.

4. ALL DIMENSIONS ARE IN MILLIMETRE (mm) AND ALL ELEVATIONS ARE IN METRE (PWD) UNLESS OTHERWISE MENTIONED IN THE DRAWING.

5. THE MATERIAL & WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF BWDB MANUAL.

6. NECESSARY LAND (IF REQUIRED) SHALL BE ARRANGED BY FIELD OFFICE BEFORE EXECUTION OF WORK.

7. THE GEO-TEXTILE FILTER HAVE THICKNESS ≥ 3.00 mm.

8. GEO-TEXTILE FILTER SHALL BE EXTENDED UPTO 1000 mm BELOW THE WORKING LOW W.L./TOE OF PITCHING WORK AS SHOWN IN THE DRAWING.

9. GEO-TEXTILE MATERIALS SHALL BE PRESERVED AGAINST UV RAY AND FROM ANY OTHER DAMAGES.

10. GEO-TEXTILE MATERIALS AFTER PLACING SHALL NEVER BE EXPOSED TO SUNLIGHT. GEO-TEXTILE FILTER SHALL BE COVERED IMMEDIATELY AFTER PLACEMENT.

11. TO MAKE SAND LAYER BELOW GEO-TEXTILE BY USING F.M. 1.0 TO 1.50 OF SAND.

12. FULL LENGTH OF PROPOSED PROTECTIVE WORK SHALL BE DONE AT A TIME IN ONE DRY SEASON FOR EFFECTIVENESS.

13. IF THERE ARE ANY POND OR DITCH EXISTS WITHIN 100 m DISTANCE FROM THE RIVER BANK, IT MUST BE PROPERLY FILLED UPTO G.L WITH LOCAL EARTH AND SHALL BE COMPACTED AS PER SCHEDULE BEFORE STARTING THE PROTECTIVE WORK.

14. SLOPE OF PITCHING WORK SHALL BE MAINTAINED AS PER EXISTING SLOPE OR AS PER DESIGN SECTION, BUT NOT STEEPER THAN 3H:1V. ALL BANK IRREGULARITIES ABOVE WORKING WATER LEVEL SHALL BE REMOVED. NECESSARY CUTTING & FILLING SHALL BE DONE IN THIS RESPECT AS PER FIELD REQUIREMENT.

15. A SMOOTH TRANSITION TO BE PROVIDED BETWEEN HIGHER & LOWER LEVEL AND FLATTER & STEEPER SLOPE OF THE PROTECTIVE WORK. TOP LEVEL & SLOPE OF PITCHING WORK SHALL BE
16. AT THE STARTING AND AT THE END OF THE PROTECTIVE WORK TRANSITION TO THE EXISTING UNPROTECTED BANK OR THE PREVIOUSLY COMPLETED WORK MUST BE GRADUAL AND TANGENTIAL.

17. a) TO PREVENT BANK LINE SHIFTING AND CONSIDERING MANUFACTURING TIME OF C.C. BLOCK ADDITIONAL PROTECTION WORK MAY BE DONE AS PER DETAILS "A" (SEE SHEET NO. 27 of 33) (IF REQUIRED).

b) BEFORE EXECUTION OF SUCH ADDITIONAL WORK FIELD OFFICE SHALL OBTAIN NECESSARY ADMINISTRATIVE APPROVAL AND TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY.

c) COUNTING AND QUALITY CONTROL FOR SUCH WORK SHALL CONFORM STANDARD PRACTICE OF BWDB.

d) THIS GEO-BAG (FOR PITCHING & DUMPING ZONE) MUST BE UNIFORMLY DUMPED AT DUMPING ZONE ACCORDING TO APPROVED DRAWING AND IN PRESENCE OF COMPETENT AUTHORITY.

BANGLADESH WATER DEVELOPMENT BOARD			
OFFICE OF THE SUPERINTENDING ENGINEER			
DESIGN CIRCLE-5			
"Protection of Talbaria area of Mirpur Upazila & Kamorkandi area of Shelaidah Union of Kumarkhali Upazila in Kushitia District from the erosion of Padma River"			
Design of Protective Work along the R/B of Padma River from KM 6.720 to KM 15.720=9.000 KM at Talbaria, Baruipara and Bahalbaria union, Upazila: Mirpur, District: Kushitia			
Kushitia O & M Division, BWDB, Kushitia.			
NOTES			
DESIGNED BY:	RECOMMENDED BY:		
(SHAMMI AKHTER), SDE	(JAKARIA PERVEZ), SE		
CHECKED BY :	APPROVED BY :		
(MST. TASMEM JAHAN), EE	(MD. MAHFUZUR RAHMAN), CE, DESIGN		
DATE: XX-XX-2025	DWG NO.: DC-5-0000-05/XXX		