

TANGENTIAL.

1. FOR ANY ERROR, OMISSION OR CONFUSION PLEASE REFER TO THIS OFFICE AS QUICK AS POSSIBLE FOR NECESSARY ACTION.
2. THE WORK SHALL BE EXECUTED WITH PRIOR FINANCIAL & ADMINISTRATIVE APPROVAL, TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY AND WITHIN DPP/BUDGET PROVISION.
3. ALL DIMENSIONS ARE IN MILLIMETRE (mm) AND ALL ELEVATIONS ARE IN METRE (PWD) UNLESS OTHERWISE MENTIONED IN THE DRAWING.
4. THE MATERIAL & WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF BWDB MANUAL.
5. NECESSARY LAND (IF REQUIRED) SHALL BE ARRANGED BY FIELD OFFICE BEFORE EXECUTION OF WORK.
6. THE GEO-TEXTILE FILTER HAVE THICKNESS \geq 3.00 mm.
7. GEO-TEXTILE FILTER SHALL BE EXTENDED UPTO 1000 mm BELOW THE WORKING LOW W.L./TOE OF PITCHING WORK AS SHOWN IN THE DRAWING.
8. GEO-TEXTILE MATERIALS SHALL BE PRESERVED AGAINST UV RAY AND FROM ANY OTHER DAMAGES.
9. GEO-TEXTILE MATERIALS AFTER PLACING SHALL NEVER BE EXPOSED TO SUNLIGHT.
10. TO MAKE SAND LAYER BELOW GEO-TEXTILE BY USING F.M. 1.0 TO 1.50 OF SAND.
11. FULL LENGTH OF PROPOSED PROTECTIVE WORK SHALL BE DONE AT A TIME IN ONE DRY SEASON FOR EFFECTIVENESS.
12. 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.
13. SLOPE OF PITCHING WORK SHALL BE MAINTAINED AS PER EXISTING SLOPE OR AS PER DESIGN SECTION, BUT NOT STEEPER THAN 2.5H:1V & 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.
14. 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 MATCHED WITH EXISTING BANK LEVEL & SLOPE OF PITCHING WORK.
15. AT THE STARTING AND AT THE END OF THE PROTECTIVE WORK TRANSITION TO THE EXISTING

a) SPECIAL NOTES: INK LINE SHIFTING AND CONSIDERING MANUFACTURING TIME OF C.C. BLOCK ADDITIONAL OBSERVATION & SUPERVISION MUST AS PER DETAILS "A" (SEE SHEET NO.27 of 33) IF REQUIRED.

b) FOR SUSTAINABILITY OF THE WORK, IN THE PROPOSED LENGTH OF PROTECTION, ALL DUMPING WORK SHALL BE DONE IN THE DRY SEASON (NO RAINFALL & NO MONSOON). OTHERWISE, ADMINISTERING APPROVAL AND TECHNICAL SANCTION FROM THE COMPETENT AUTHORITY.

c) CO WORKSHOP & WORKSHOP ON THE PROTECTION WHICH WORK SHALL CONFORM STANDARD PRACTICE OF BWDB.

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

4. SLOPE DEVELOPMENT BELOW WORKING LWL BY DUMPING 200 KG SAND FILLED GEO-BAGS (POLYESTER FABRIC) MUST BE DONE PROPERLY AS SHOWN IN THE DRAWING. POST WORK SECTION MUST BE TAKEN & TO BE RECORDED IN THE LEVEL BOOK AFTER COMPLETION OF THIS SLOPE DEVELOPMENT WORK BY GEO-BAG BEFORE STARTING THE DUMPING OF GEO-BAG / C.C BLOCK.

5. THIS DRAWING SUPERSIDES THE PREVIOUS APPROVED WORKING DRAWING (DWG NO.:DC-5-5712-01/33 to 33/33, DATE: 00-00-2025) FOR THE SAME WORK.

6. BEFORE EXECUTION OF WORK, CROSS SECTIONS WILL BE TAKEN AND COMPARE WITH DESIGN SECTION, IF ANY DISSIMILARITY HAS BEEN OBSERVED THEN IT SHALL BE INFORMED TO THE CONCERNED DESIGN OFFICE FOR FURTHER NECESSARY ACTION.

7. CLOSE CROSS-SECTION OF RIVER SHALL BE TAKEN BEFORE, DURING AND AFTER EXECUTION OF PROTECTIVE WORK AND CONFIRM UNIFORM DUMPING AS PER DESIGN.

8. HEAP OF CUTTING EARTH (FOR SLOPE PREPARATION) AT TOE OF PITCHING BLOCK OR IN DUMPING ZONE MUST NOT BE ALLOWED.

9. IN PRESENT SITUATION AN ANGULAR FLOW HIT TOWARDS THE RIGHT BANK OF PADMA RIVER, SHIFTING THE THALWEG CLOSED TO THE RIGHT BANK AND ILLEGAL & UNPLANNED SAND LIFTING FROM RIVER BED, RIVER BANK EROSION HAS BEEN OCCURRED DURING LAST MONSOON & POST MONSOON PERIOD. THIS HAS BEEN TAKEN CONSIDERATION DURING PREPARATION OF THIS DRAWING.

10. VOLUME OF DUMPING MATERIALS CALCULATED IN THIS DRAWING CONSIDERING 100 YEARS RETURN PERIOD & ANGULAR FLOW.

11. THE LENGTH OF PROPOSED PROTECTIVE WORK IS FIXED BY THE FIELD OFFICE. THE PROTECTION WORK WILL BE NEEDED U/S OF PROPOSED PROTECTIVE WORK TO MAKE IT MORE SUSTAINABLE OTHERWISE THE PROPOSED WORK WILL BE VULNERABLE.

12. ALL SAFETY PRECAUTIONS MUST BE TAKEN DURING EXECUTION OF WORK.

BANGLADESH WATER DEVELOPMENT BOARD
OFFICE OF THE SUPERINTENDING ENGINEER
DESIGN CIRCLE-5

"Protection of Talbaria area of Mirpur Upazila & Kamarkandi area of Shelaibaid Union of Kumarkhali Upazila in Kushtia 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: Kushtia
Kushtia WD Division, BWDB, Kushtia.

NOTES

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RECOMMENDED BY:

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(MD. MAHFUZUR RAHMAN), CE, DESIGN

DATE: 00-00-2025

DWG NO.: DC-5-0000-03/33