



**NOTE FOR SAND PILE:**

- SAND PILE OF 6.50m LENGTH WITH 300mm CASING DIA. AS SPECIFIED IN THE DRAWING SHALL HAVE TO BE CONSTRUCTED AS PER STANDARD DISPLACEMENT METHOD.
- SAND TO BE USED IN PILING SHALL BE FREE FROM ALL ORGANIC AND FOREIGN MATERIALS AND SHALL HAVE FM ≥ 2.00.
- DIAMETER LENGTH CONTINUITY OF PILE SHALL HAVE TO BE CHECKED BY MEASURING SAND FORCE VOLUME FOR EACH EXECUTED PILE. THE SAND FORCE VOLUME PER METER AND PER PILE SHALL NOT BE LESS THAN 0.35 CUBIC METER AND 2.275 m<sup>3</sup> CUBIC METER RESPECTIVELY.
- AFTER EXECUTION OF ALL SAND PILE, SPT VALUES SHALL HAVE TO BE DETERMINED BY THE FIELD TESTS. SPT VALUES ATTAINED AT 1.50 METER INTERVALS SHALL BE DETERMINED.
- AFTER PILING SPT VALUE IN BETWEEN SAND PILES AT FOUNDATION LEVEL SHALL BE MINIMUM 12 TO 14 .
- FOR ANY ERROR, OMISSION OR CONFUSION PLEASE REFER TO CONCERNED DESIGN OFFICE THROUGH CEIP-1 CONSULTANTS FOR NECESSARY ACTION.

**SAND PILE LAYOUT PLAN**

NOT TO SCALE

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH		
MINISTRY OF WATER RESOURCES		
BANGLADESH WATER DEVELOPMENT BOARD		
COASTAL EMBANKMENT IMPROVEMENT PROJECT, PHASE-1 (CEIP-1)		
DETAILED DESIGN OF DRAINAGE REGULATOR DR-5, AT Km 18.950 (1V-1.50m X 1.80m) UNDER POLDER -16, PACKAGE - 3, CEIP - 1, BWDB, UPAZILA - PAIKGACHA, DISTRICT - KHULNA.		
SAND PILE LAYOUT PLAN		
CONSULTANT : Royal HaskoningDHV Sub Consultants DEVCON, DPM, IWM & DHI		
DESIGNED & CHECKED BY	REVIEWED BY	RECOMMENDED BY
MD. MAHBUBUR RAHMAN	MD. HABIBUR RAHMAN	JEAN HENRY LABOYRIE
DESIGN ENGINEER	DEPUTY TEAM LEADER	TEAM LEADER
DRAWN BY- CAD OPERATOR - MST. MOUSUMI KHATUN		

BANGLADESH WATER DEVELOPMENT BOARD			
DESIGN CIRCLE -8			APPROVED BY
CHECKED BY	REVIEWED BY	RECOMMENDED BY	
ZAYED BIN SAIF ASSISTANT ENGINEER	ZAKARIA PERVEZ EXECUTIVE ENGINEER	MOHAMMAD SAIF UDDIN SUPERINTENDING ENGINEER	MD. ENAYET ULLAH CHIEF ENGINEER, DESIGN
DATED: 00-00-0000	DWG NO.: DC-8-CEIP-1(P-16)-0000-26/31		