

Total Nos. of Sand Piles →944 (Pile Length=4.50m, Dia 300mm & Spacing @ 0.90m c/c in Botway)

C/S

R/S

TOTAL NO. OF SAND PILE 8x33=264

TOTAL NO. OF SAND PILE 10x9=90

TOTAL NO. OF SAND PILE 11x9=99

TOTAL NO. OF SAND PILE 10x9=90

TOTAL NO. OF SAND PILE 8x33=264

6300

8400

9300

8400

6300

P1

S1

Q1

R1

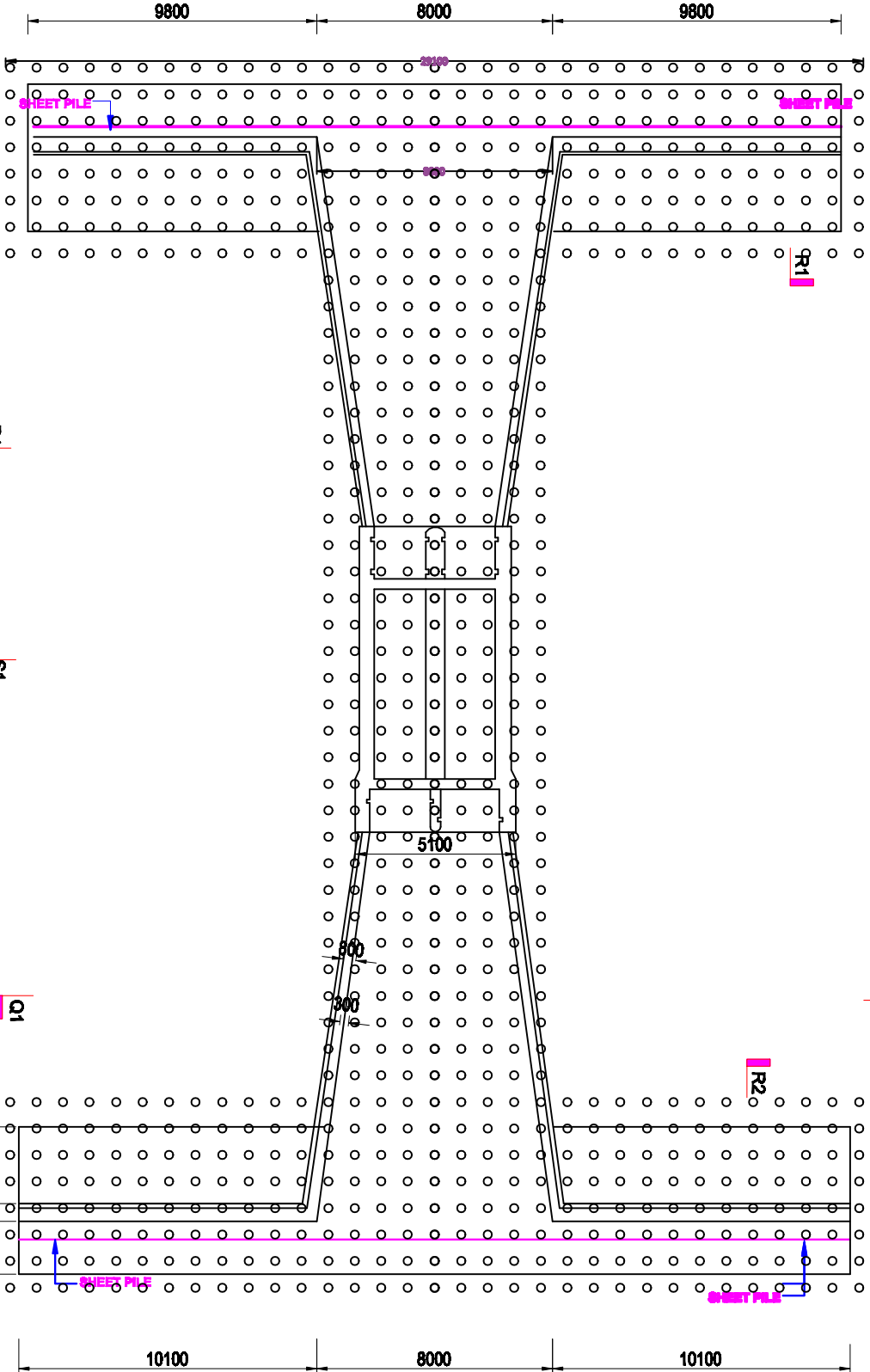
Q1

R2

R2

B1

B1



1800 800 2600

13200

20

10400

20

13200

800

1800

TOTAL NOS. SAND PILE=384
C/S APRON & RETURN WALL

TOTAL NOS. SAND PILE=99
BARREL SIDE

TOTAL NOS. SAND PILE=384
R/S APRON & RETURN WALL

SAND PILE LAYOUT PLAN

NOTE FOR SAND PILE:

- SAND PILE OF 4.50m 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 F_{max}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 0.30 CUBIC METER AND 1.35 CUBIC METER RESPECTIVELY (ITEM CODE: 44-400-40).
- 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.
- ALL THE RECORDS OF SAND PILING SHALL BE MAINTAINED IN DETAILS WITH CONSTANT SUPERVISION AND IT SHOULD BE SENT TO THE DESIGN OFFICE.

Bangladesh Water Development Board

Office of the Superintending Engineer
Design Circle-8

DESIGN OF DRAINAGE CUM FLUSHING REGULATOR 2-VENT(1.50mX1.80m)
ON KULUTA KHAL AT KM 35.00 IN POLDER NO-6(EXT) IN SATKHIRA DISTRICT,
UNDER SATKHIRA O&M DIVISION-2, BWDB, SATKHIRA.

SAND PILE LAYOUT PLAN

DESIGNED BY :

APPROVED BY :

(SAKIB BIN RAFTI, AE

CHECKED & RECOMMENDED BY :

(JAKARIA PERVEZ), EE

(MOHAMMAD SAIF UDDIN), SE

DATE: DWG. NO.:DC-8-0000-18/21