NO.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED

CLIENT :- POWER GRID CORPORATION OF BANGLADESH LTD.

CONSULTANTS :- BST POWER TRANSMISSION Sdn. Bhd.

PROJECT NAME :- DESIGN, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 230KV AIS TIEBAY EXTENSION & TRANSMISSION LINES, ON TURNKEY BASIS

CONTRACT NO. :- PGCB/ETP/BMI 2014 07 (03)/2018/Package-12

SCALE :- N.T.S. DRAWN BY :- CHECKED BY :-

DRAWING TITLE :- EXTERNAL DRAWING FOR TOWER TYPE DT 45dB TOP PART-1

DRAWING NO. :- HDPL/PGCL/NW-12/2150/DW SHEET NO. 3 OF 4 REV. 0

Designed & Drawn by : Engr. Lia Maghfur, Ibrahim

Date :- 15.11.2022

PROTO GHECKED BY

This approval is subjected to the satisfactory performance during full scale proto type load test

FOR DETAILS & VIEWS REFER SHEET 4 OF 4

LONGITUDINAL FACE

TRANSVERSE FACE

BACK TO BACK=2138

BACK TO BACK=2138

BEND LINE

VIEW : 6-6'

VIEW : 8-8'

VIEW : 7-7'

VIEW : 5-5'

PLAN : Y-Y

PLAN : X-X

STEP BOLTS (TYP.)

Ø17.5 HOLES FOR STEP BOLTS (TYP.)

Ø17.5 HOLES FOR

MARK NO. 10BH-24BH & 26BH-29BH

0.1 MAY 2022

Approved Authorized Signature

Executive Engineer PGCB Ltd.

Assistant Engineer TLD & QC, PGCB, Dhaka.

Checked

Designed

(Signature Name & Address)

Superintending Engineer (T&D)

TLD Design & QC, PGCB

POWER GRID COMPANY OF BANGLADESH

APPROVED DRAWING

Comments

This approval is given only for the purpose of checking the dimensions and clearances with reference to design assumptions and does not relieve the manufacturer from the responsibility of the correctness and performance as stipulated in the contract.

NOTES :

1. ALL DIMENSIONS ARE IN MM.
2. UNLESS OTHERWISE NOTED, ALL BOLTS SHALL BE 16 MM DIA. HSFG BOLTS CONFORMING TO ASTM A325M GRADE 8.8 OR IS 3757 GR 4.6 OR EQUIVALENT.
3. ALL BOLTS SHALL BE AS PER ISO 898-1 OR IS 1367 PART 3 GR 5.6 OR EQUIVALENT.
4. ALL NUTS SHALL BE AS PER ISO 898-2 OR IS 1367 PART 3 GR 5 OR EQUIVALENT.
5. ALL MEMBERS TO BE HOT DIP GALVANIZED AS PER ISO 1461.
6. ALL NUTS SHALL BE LOCKED BY DOUBLE NUT LOCK WITH GAUGE 5.
7. ALL BOLTS SHALL BE SCORED BY SHALL WASHER AS PER IS 6649. TYP. 8 @ 8 FAY WASHER
8. ALL MATERIALS SHALL CONFORM TO IS 2062 GRADE E 250 OR EQUIVALENT.
9. ALL MEMBERS ARE FABRICATED FROM SINGLE PIECE.
10. STEP BOLT SHOULD BE REMOVED ON CHOOKTAIL SPECIFIC LEGS.

MARK NO.	QTY/TWR	SECTION	LENGTH	WT/MTR	WT/PC	TOTAL WT
	PC	MM	MM	KG	KG	KG
Z1-198H	2	L200X100X20 HT	1972	36.60	72.16	144.32
Z1-198H	2	L200X100X20 HT	1660	30.80	51.13	102.26
Z1-198H	2	L200X100X20 HT	1460	27.10	39.57	79.14
Z1-198H	2	L200X100X20 HT	1660	30.80	51.13	102.26
Z1-192