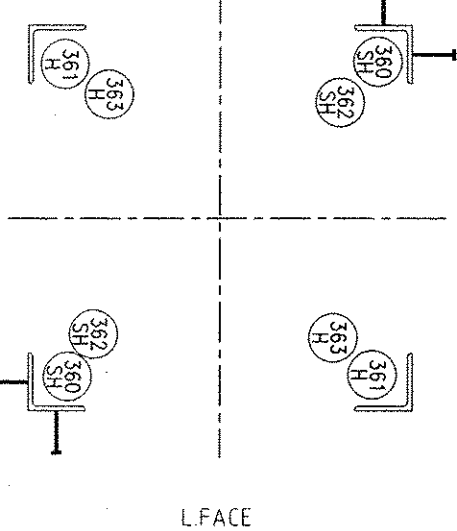
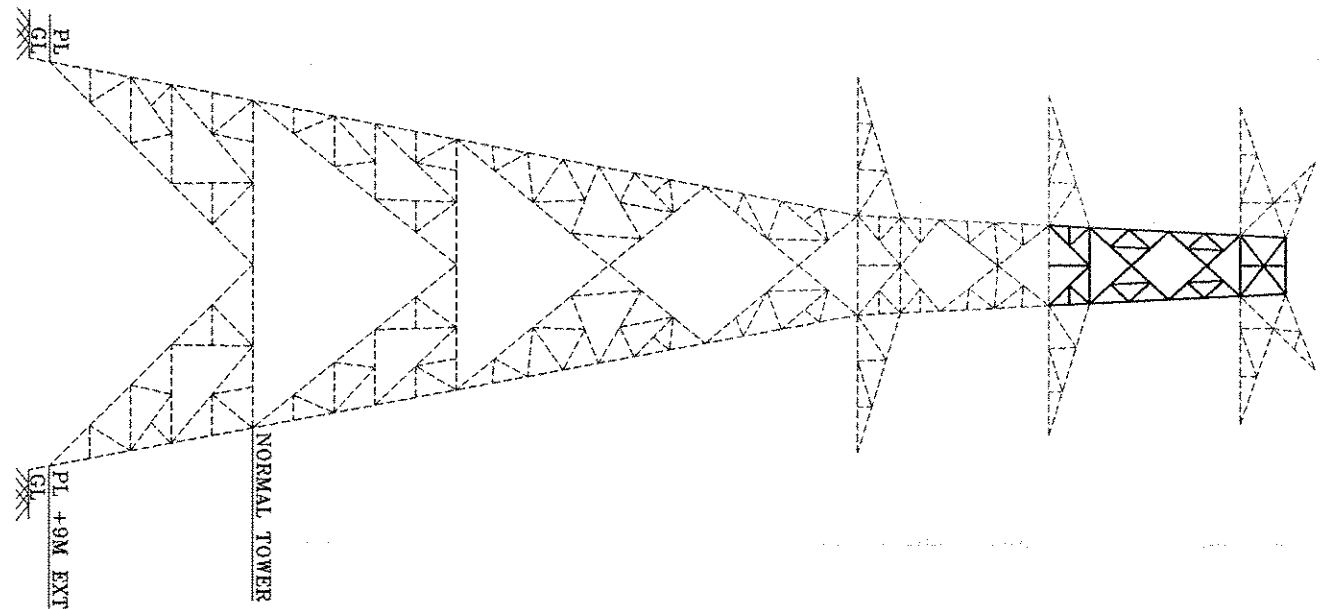




SUCCESSFULLY TESTED AT
L&T TRS KANCHIPURAM
ON 30th OF JULY 2019

- NOTES:
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED
 - HOT SYMBOLS ϕ = 17.54 HOLES
 - ALL ERECTION STEEL MARKS ARE TO BE PREFIXED WITH "7790A"
 - STRUCTURAL STEEL SHALL BE AS PER IS 2062-2011
 - MILD STEEL - GRADE E250 QUALITY A - UNLESS OTHERWISE SPECIFIED
 - "I" STANDS FOR HIGH TENSILE STEEL - GRADE E350 QUALITY A
 - BOLTS & NUTS SHALL CONFORM TO IS : 12427-2001 (R-2007) FOR DIMENSIONS AND IS : 1367 (PART 3)-2002 FOR MECHANICAL PROPERTIES
 - CALVANISING SHALL CONFORM TO IS:2629-1985 (R-2006) & IS:4759-1996 (R-2006)
 - SPRING WASHER SHALL BE CONFORM TO IS 3053-1994 (R-2004)
 - STEP BOLTS SHALL BE PROVIDED ON THE DIAGONAL OPPOSITE LEGS.
 - ALL PARTS/ MEMBERS OF TESTED TOWER SHOULD BE PUNCHED WITH PART NUMBER PREFIXED WITH 'T' IN ADDITION TO THE STANDARD MARK NUMBERS

PART NO. 360 TO 406

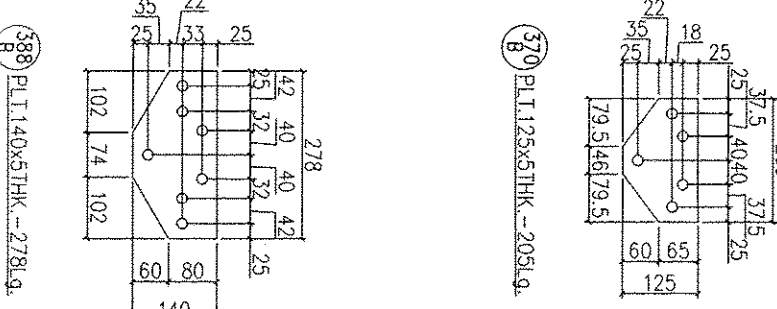
NO.	REV.	DESCRIPTION	DATE
1	0	FIRST SUBMISSION FOR APPROVAL BEFORE PHOTO	06.06.19
2	1	DESIGNED CHECKED DRAWN CHECKED	20.03.19
3	2	STRUCTURAL DETAILING	20.03.19

CLIENT: BIHAR STATE POWER TRANSMISSION CO.LTD., PATNA

SUPPLIER/CONTRACTOR: L&T Construction Power Transmission & Distribution

PROJECT: PACKAGE -N°77 UNDER STATE PLAN (80x20) CONSTRUCTION OF:
(i) L10 OF BARR-PATNA 400 KV DC (QUAD) TL AT BAKHTYARPUR (LINE LENGTH -108KM,
(ii) 220 KV DC BAKHTYARPUR - SHEIKHPURA TL (ACSR ZEBRA) (LINE LENGTH -51 RKM)
(iii) 220 KV DC BAKHTYARPUR -HATHIDA TL (ACSR ZEBRA) (LINE LENGTH -52 RKM) AND
(iv) 220 KV DC BAKHTYARPUR -FATHUA TL (ACSR ZEBRA) (LINE LENGTH -28 RKM)

REQUIREMENT OF BOLTS, NUTS & WASHERS	SIZE	QTY.	GRADE	REMARKS
164 x 35mm Lg.	48	5.6	BOLTS & NUTS	
164 x 40mm Lg.	238	5.6	BOLTS & NUTS	
164 x 45mm Lg.	138	5.6	BOLTS & NUTS	
164 x 50mm Lg.	78	5.6	BOLTS & NUTS	
164 x 55mm Lg.	20	5.6	BOLTS & NUTS	
164 x 60mm Lg.	26	5.6	BOLTS & NUTS	
164 x 3.5 THK	568	-	SPRING WASHERS	
164 x 175mm Lg.	38	-	STEP BOLTS	
164 x 5 THK	24	-	PACK WASHERS	
164 x 6 THK	86	-	PACK WASHERS	
164 x 8 THK	4	-	PACK WASHERS	



JOB No.	DATE	SCALE
018883-TL	10.03.19	1 : 25

G.A. OF CAGE PART-2		1 : 25
DSGN	PB	10.03.19
FOR TOWER TYPE -"ADA" (0"-2DEV)		
DRWN	MR	20.03.19
400KV D/C QUAD ACSR MOOSE (WZ-4)		
CHKD	SNR/BSN	20.03.19
SHEET NO		4 OF 7

RELEASED FOR ☐ PRELIMINARY ☐ TENDER ☐ INFORMATION ☒ APPROVED FOR CONSTRUCTION

Electrical Superintendent Engineer (Planning and Engineering)

12 11 10 9 8 7 6 5 4 3 2 1

