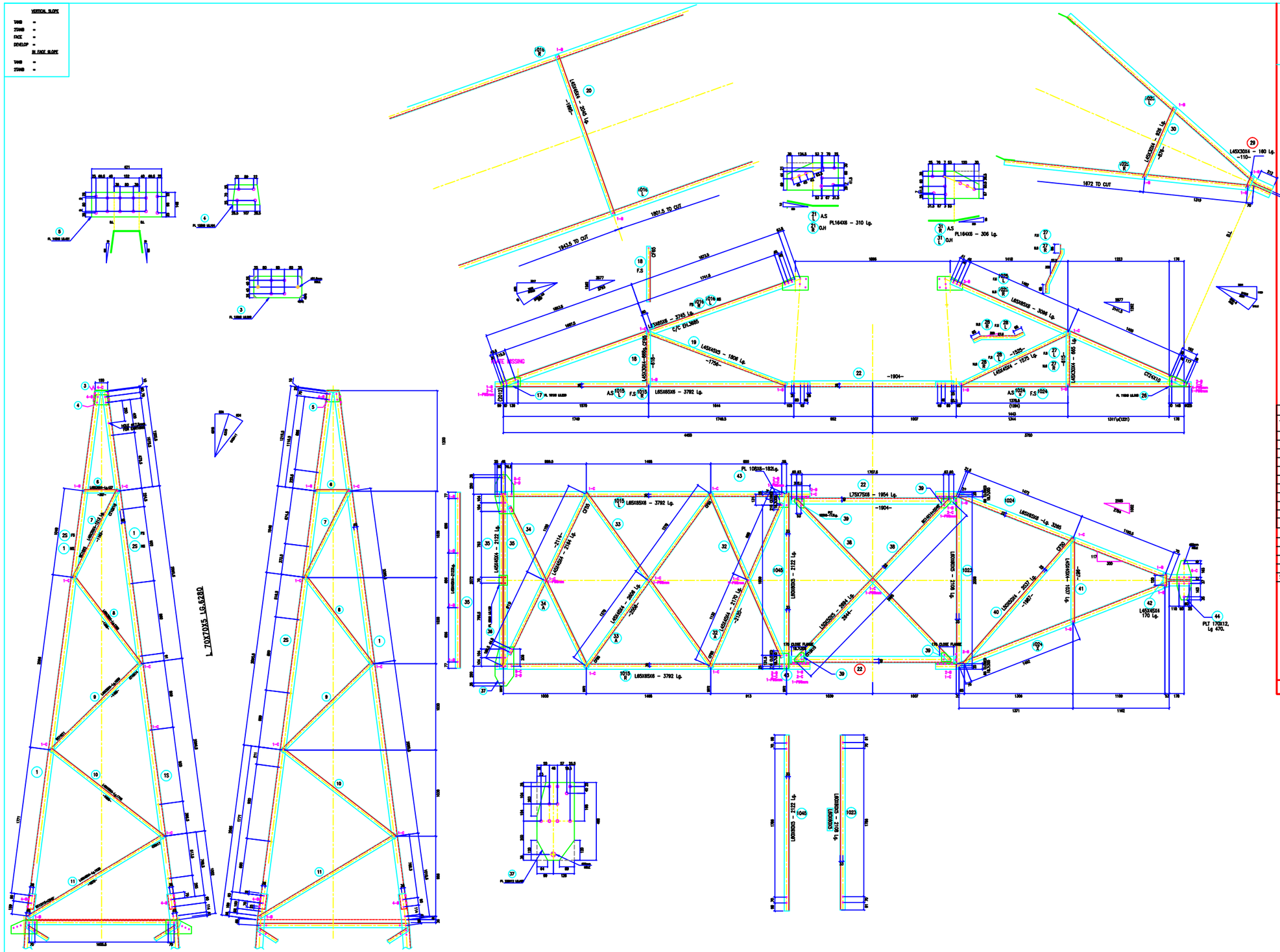

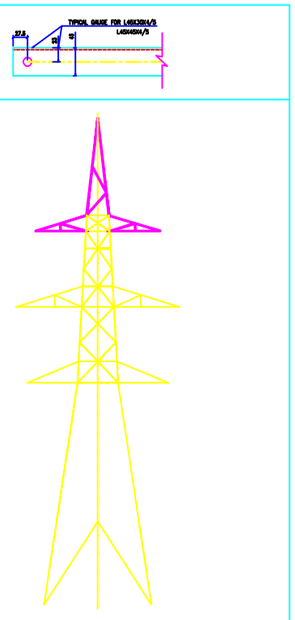

BOLTS AND NUTS STATEMENT				
TYPE	SIZE (IN MM)	QUANTITY		
		X-ARM	PEAK	
B	ø 16X35	50	58	
C	ø 16X40	49	20	
D	ø 16X45	5	–	
E	ø 16X50	–	–	
F	ø 16X55	3	–	
G	ø 16X60	–	–	
H	ø 16X65	–	–	
J	ø 16X70	–	–	
K	ø 16X75	–	–	
L	ø 16X80	–	–	
SPRING WASHERS		107	78	
30 O.D PACKING WASHERS ø 17.5 MM				
5 mm		–		
6 mm		4		
8 mm		–		
10 mm		–		
STEP BOLTS ø16 mm X 175mm		14		

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. MILD STEEL BOLT AND NUTS TO IS8638/12427/5.6 GLTY
3. ALL MILD STEEL BOLT AND NUTS ARE TO BE HOT DIP GALVANISED AS PER ASTM A153
4. ALL MILD STEEL SECTIONS SHALL BE OF TESTED QUALITY CONFORMING TO IS 2062 STANDARD
5. GALVANISATION OF TOWER MEMBERS AND FLAT WASHERS AS PER IS 2629
6. ALL HOLES ø 13.5mm FOR ø12mm BOLTS
7. ALL HOLES ø 17.5mm FOR ø16mm BOLTS
8. ALL HOLES ø 21.5mm FOR ø20mm BOLTS
9. ALL HOLES ø 17.5mm FOR ø16mm STEP BOLTS
10. STANDARD SPRING WASHERS ARE TO BE USED UNDER EACH NUT
11. ALL FABRICATED MEMBERS SHALL HAVE PREFIX_____
12. INDICATES MEMBERS BEING USED AS STEP BOLTS.
13. STEP BOLTS ARE TO BE PROVIDED ON TWO DIAGONALLY OPP. LEGS

MARK NO: 1 TO 11 & 15 TO 45

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY		DESCRIPTION	132KV D/C TOWER TYPE "DD" DETAIL OF PEAK & TOP 'X' ARM		SCALE –
CHECKED BY					
APPROVED BY		DRG NO	132KV-D/C-Struct-Peak-Top-X-47	SHEET NO 1-1	REV. 0