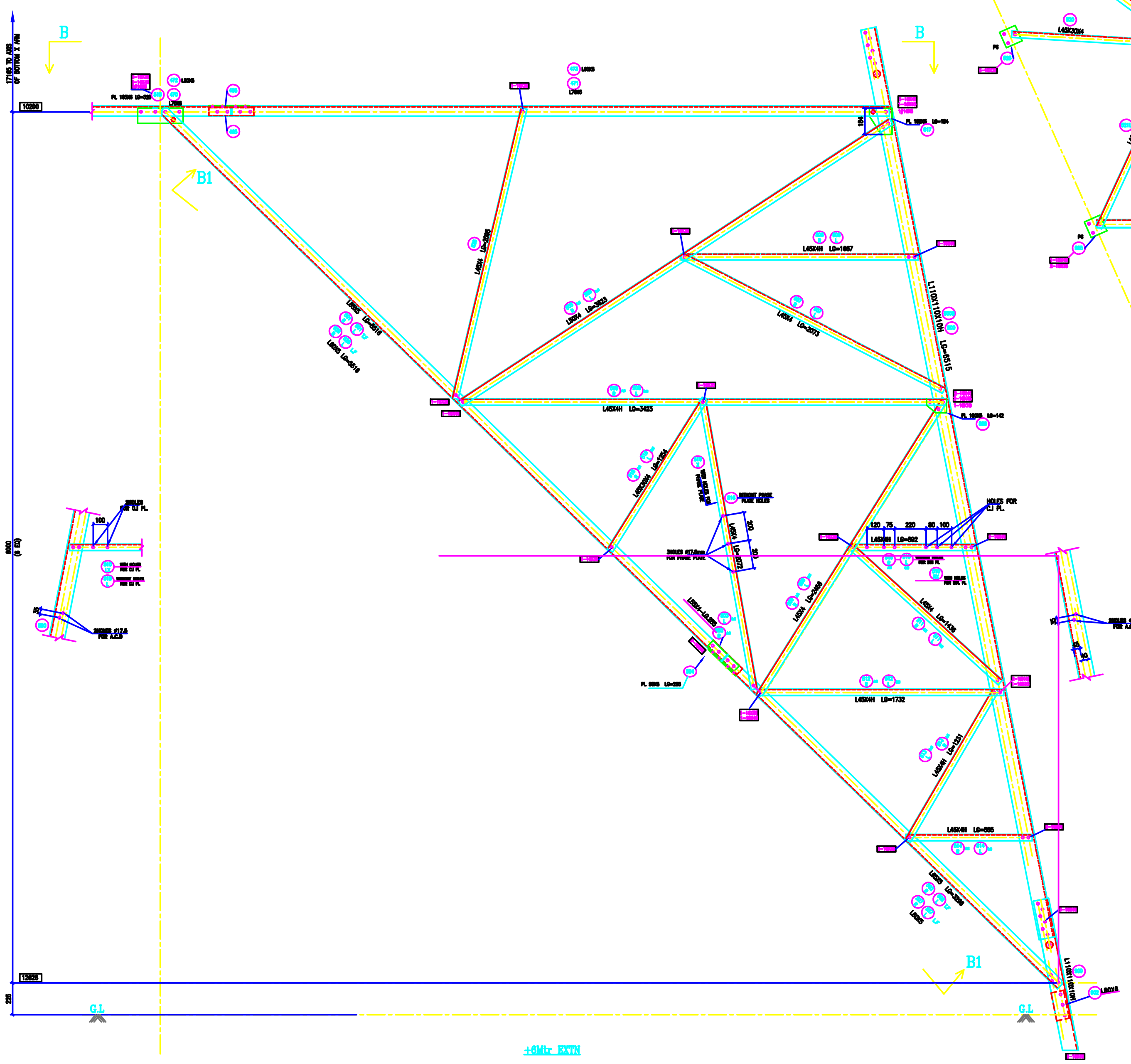
VERTICAL SLOPE

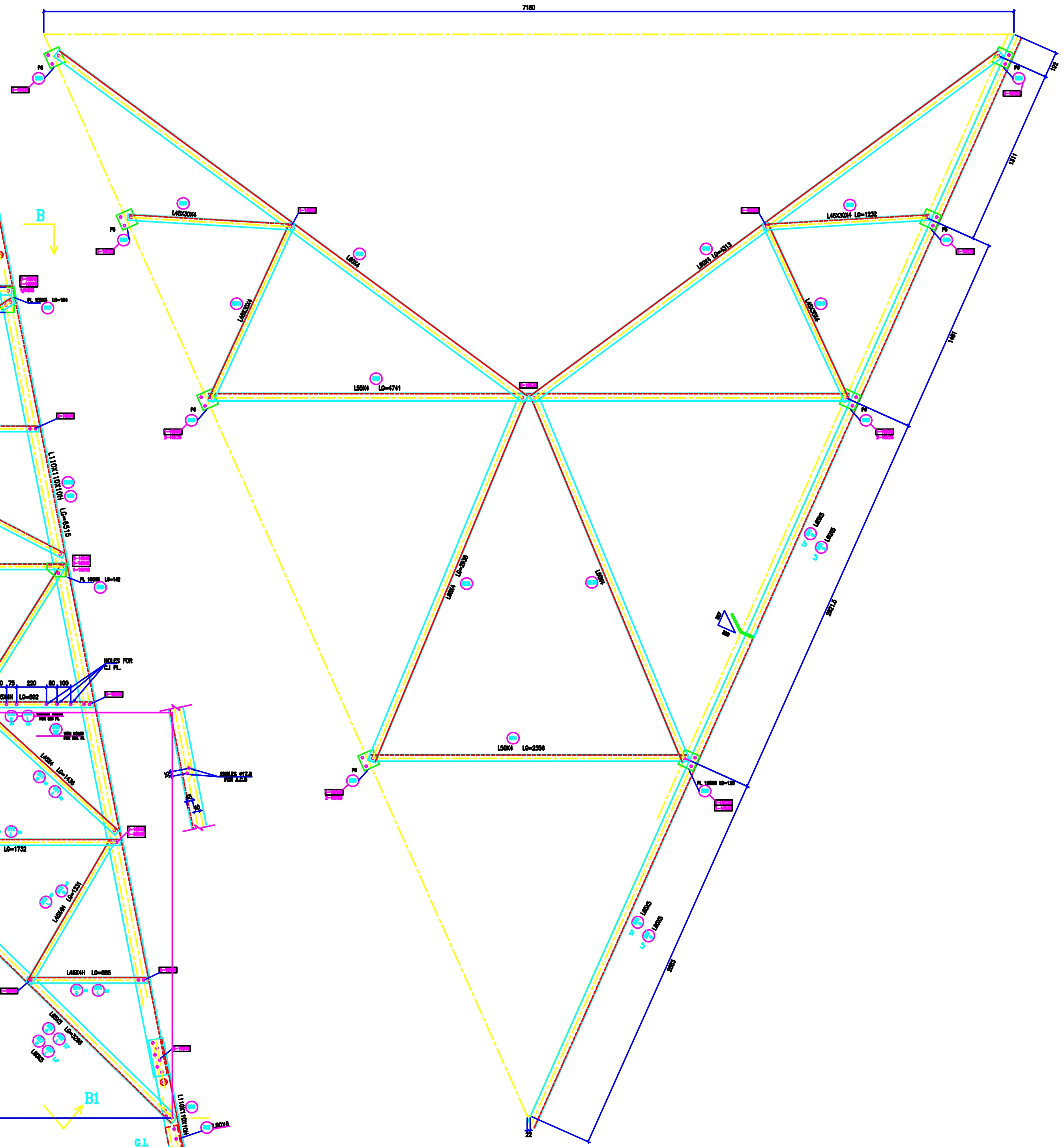
TANB = 0.200350
2TANB = 0.4007
FACE = 1.019673
DEVELOP = 1.039388

IN FACE SLOPE

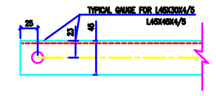
TANB = 0.198446
SECB = 1.019113

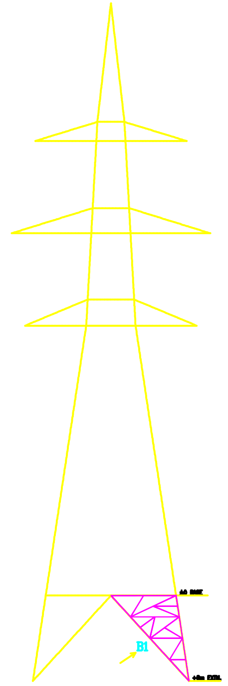


+6Mtr EXTN



VIEW 'B1-B1'





BOLTS AND NUTS STATEMENT

TYPE	SIZE (IN MM)	QUANTITY		
B	ϕ 16X35	160		
C	ϕ 16X40	216		
D	ϕ 16X45	112		
E	ϕ 16X50	–		
F	ϕ 16X55	–		
G	ϕ 16X60	–		
H	ϕ 16X65	–		
J	ϕ 16X70	–		
K	ϕ 16X75	–		
L	ϕ 16X80	–		
SPRING WASHERS		488		
30 O.D PACKING WASHERS ϕ 17.5 MM				
5 mm		16		
6 mm		–		
8 mm		–		
10 mm		4		
STEP BOLTS ϕ16 mm X 175mm		12		

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
2. MILD STEEL BOLT AND NUTS TO IS6638/12427/5.6 QLTY
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. GALVANIATION OF TOWER MEMBERS AND FLAT WASHERS AS PER IS 2629
6. ⊕ ALL HOLES ϕ 13.5mm FOR ϕ12mm BOLTS
7. ⊕ ALL HOLES ϕ 17.5mm FOR ϕ16mm BOLTS
8. ⊕ ALL HOLES ϕ 21.5mm FOR ϕ20mm BOLTS
9. ⊕ ALL HOLES ϕ 17.5mm FOR ϕ18mm 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: 500 + 529

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY		DESCRIPTION	220KV D/C TOWER TYPE "2DC" DETAIL OF +6Mtr EXTN	SCALE –
CHECKED BY				
APPROVED BY		DRG NO	220KV-D/C-Struct-+6M-Extn -310	SHEET NO 1–1 · REV. 0