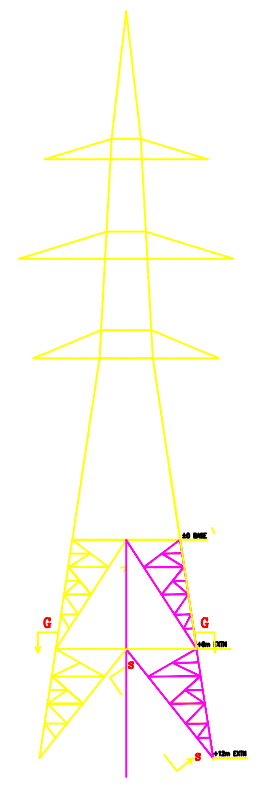
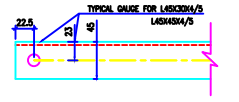


VERTICAL SLOPE

TANB = 0.200461
 2TANB = 0.400922
 FACE = 1.019895
 DEVELOP = 1.039408

IN FACE SLOPE

TANB = 0.196551
 2TANB = 0.1019133

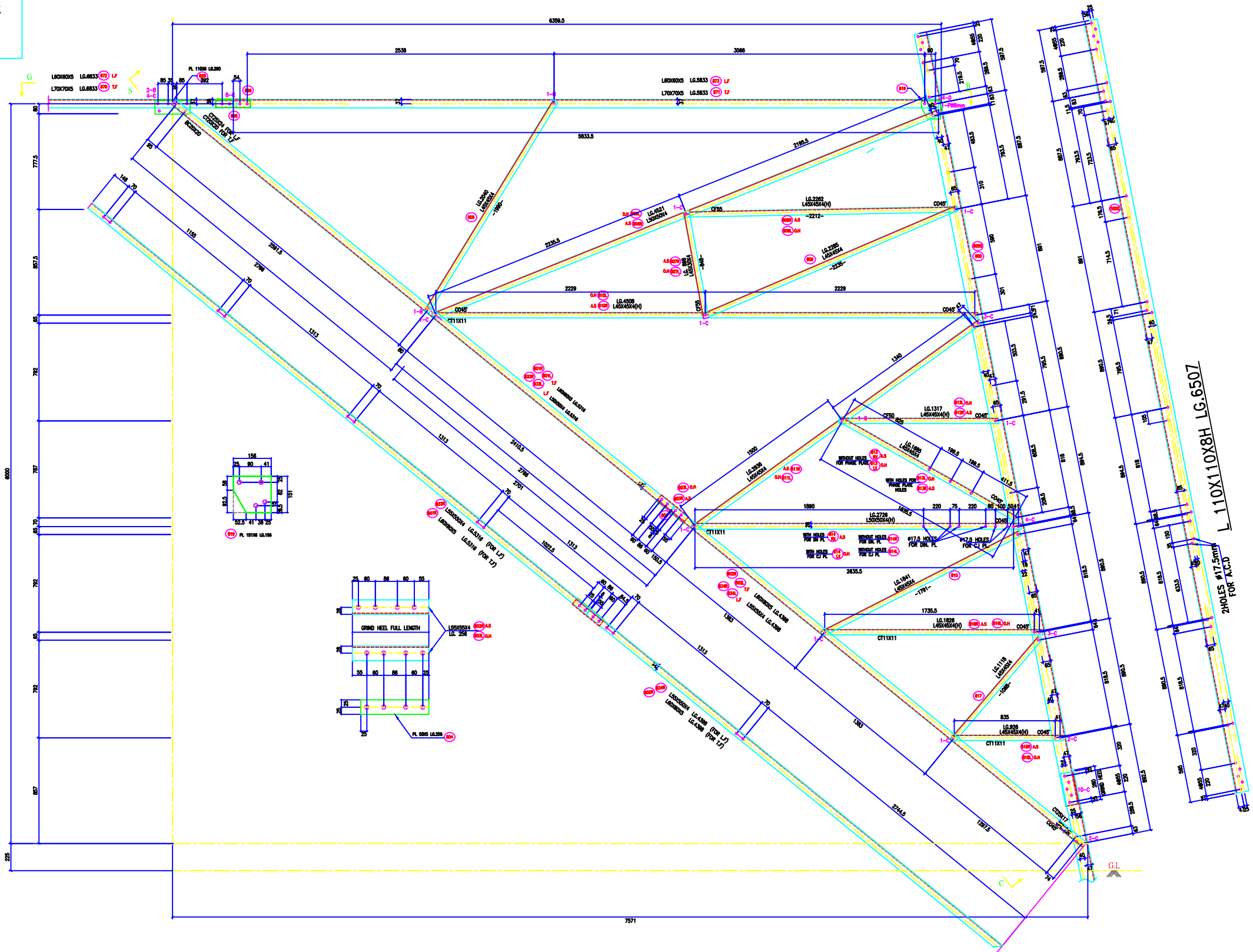


BOLTS AND NUTS STATEMENT

TYPE	SIZE (IN MM)	+12m EXTN	QUANTITY	TOTAL
B	# 18X35	148		148
C	# 18X40	336		336
D	# 18X45	32		32
E	# 18X50	-		-
F	# 18X55	-		-
G	# 18X60	-		-
H	# 18X65	-		-
J	# 18X70	-		-
K	# 18X75	-		-
L	# 18X80	-		-
SPRING WASHERS		516		516
30 O.D PACKING WASHERS # 17.5 MM				
	5 mm	10		
	6 mm	-		
	8 mm	8		
	10 mm	-		
STEP BOLTS #16 mm X 175mm		8		

- GENERAL NOTES:**
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.
 2. MILD STEEL BOLT AND NUTS TO BS838/12427/5.6 Q17T
 3. ALL MILD STEEL BOLT AND NUTS ARE TO BE HOT DIP GALVANIZED AS PER ASTM A153
 4. ALL MILD STEEL SECTIONS SHALL BE OF TESTED QUALITY CONFORMING TO IS 2002 STANDARD
 5. DIMENSION OF TOWER MEMBERS AND FLAT WASHERS AS PER IS 2002
 6. ALL HOLES # 13.5mm FOR #12mm BOLTS
 7. ALL HOLES # 17.5mm FOR #16mm BOLTS
 8. ALL HOLES # 21.5mm FOR #20mm BOLTS
 9. ALL HOLES # 17.5mm FOR #16mm STEP BOLTS
 10. STANDARD SPRING WASHERS ARE TO BE USED UNDER EACH NUT
 11. ALL FABRICATED MEMBERS SHALL HAVE PROTECTIVE COATING
 12. CORRUGATED MEMBERS BEING USED AS STEP BOLTS
 13. STEP BOLTS ARE TO BE PROVIDED ON TWO DIAGONALLY OPP. LEGS

MARK NO: 800 + 820



L 110X110X8H LG.6507
 2 HOLES #17.5mm FOR A.C.D

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY		DESCRIPTION	220KV D/C TOWER TYPE "2DA" +12M BODY EXTN (BOTTOM PART)	SCALE	-
CHECKED BY		DRG NO	220KV-D/C-Struct-+12M-Body-Extn - 19	SHEET NO	1-1
APPROVED BY				REV.	0