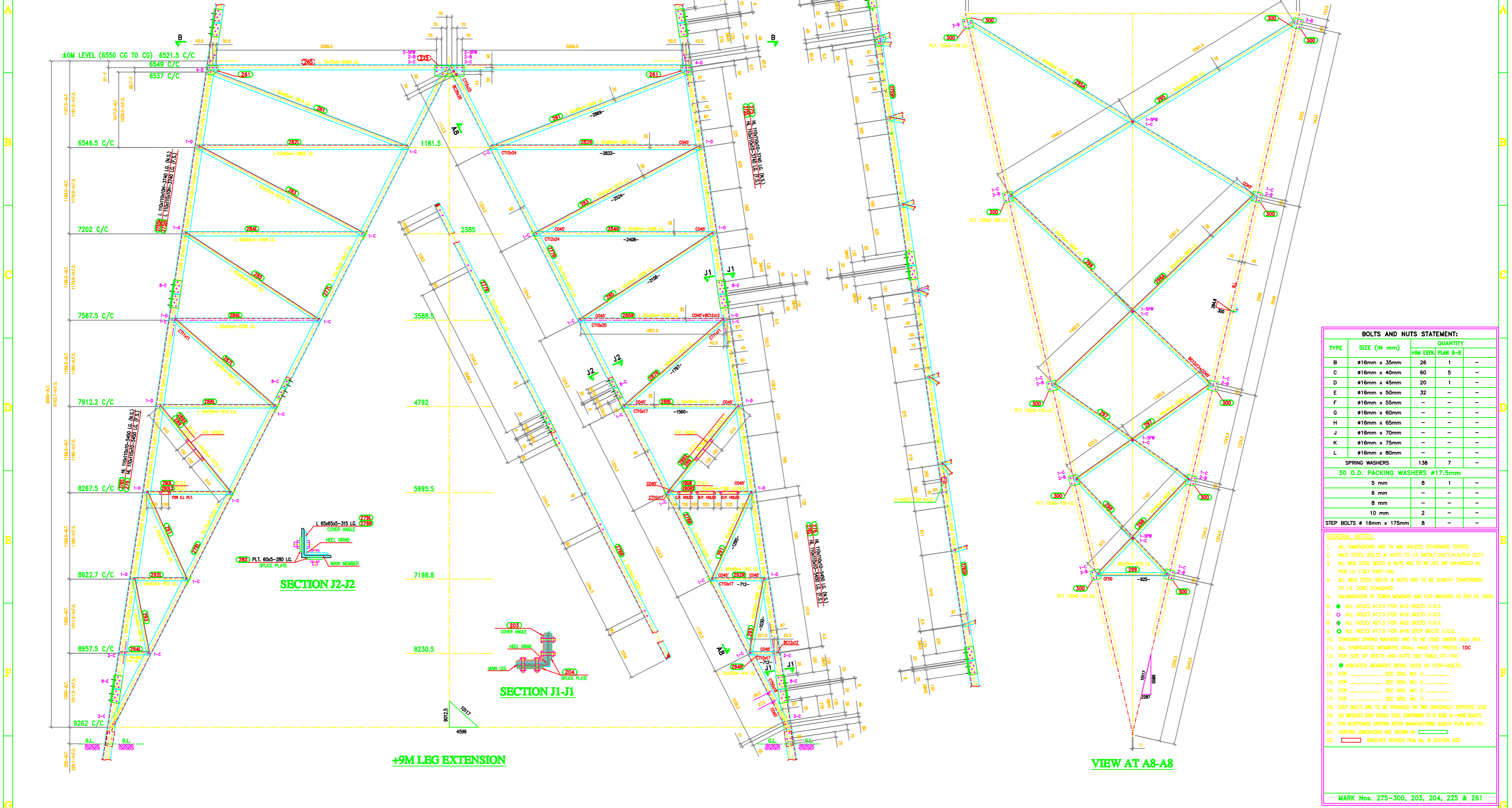


TOWER SLOPE
 Tan B = 0.152239
 2 Tan B = 0.304478
 Face = 1.011522
 Dev = 1.022914

In Face Slopes
 Tan B = 0.150805
 Sec B = 1.011263



BOLTS AND NUTS STATEMENT:			
TYPE	SIZE (IN mm)	QUANTITY	
		+9M EXTN.	PLAN B-B
B	#16mm x 35mm	26	1
C	#16mm x 40mm	60	5
D	#16mm x 45mm	20	1
E	#16mm x 50mm	32	-
F	#16mm x 55mm	-	-
G	#16mm x 60mm	-	-
H	#16mm x 65mm	-	-
J	#16mm x 70mm	-	-
K	#16mm x 75mm	-	-
L	#16mm x 80mm	-	-
SPRING WASHERS #17.5mm		138	7
30 O.D. PACKING WASHERS #17.5mm		-	-
	5 mm	8	1
	6 mm	-	-
	8 mm	-	-
	10 mm	2	-
STEP BOLTS # 16mm x 175mm		8	-

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
 - MILD STEEL BOLTS & NUTS TO IS 6439/12427/4.8/5.6 QLT.
 - ALL MILD STEEL BOLTS & NUTS ARE TO BE HOT DIP GALVANIZED AS PER IS 1367 PART-XIII.
 - ALL MILD STEEL BOLTS & NUTS ARE TO BE QUALITY CONFORMING TO IS. 2082 STANDARD.
 - GALVANISATION OF TOWER MEMBERS AND FLAT WASHERS AS PER IS. 2629.
 - ALL HOLES #13.5 FOR M12 BOLTS U.O.S.
 - ALL HOLES #17.5 FOR M16 BOLTS U.O.S.
 - ALL HOLES #21.5 FOR M20 BOLTS U.O.S.
 - ALL HOLES #17.5 FOR M16 STEP BOLTS U.O.S.
 - STANDARD SPRING WASHERS ARE TO BE USED UNDER EACH NUT.
 - ALL FABRICATED MEMBERS SHALL HAVE THE PREFIX **1DC**.
 - FOR SIZE OF BOLTS AND NUTS SEE TABLE QT-100
 - INDICATES MEMBERS BEING USED AS STEP-BOLTS.
 - FOR SEE DRG. NO. S
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 - FOR SEE DRG. NO. S
 - STEP BOLTS ARE TO BE PROVIDED ON TWO DIAGONALLY OPPOSITE LEGS
 - (H) INDICATES HIGH TENSILE STEEL CONFORMING TO IS 8500 G-1988 QUALITY.
 - FOR ACCEPTANCE CRITERIA REFER MANUFACTURING QUALITY PLAN MFG-701.
 - CONTROL DIMENSIONS ARE SHOWN IN
 - INDICATES REVISED ITEM No. & SECTION SIZE

MARK Nos. 275-300, 203, 204, 225 & 261

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY	DESCRIPTION	132KV D/C TOWER TYPE "DC" +9M LEG EXTN. AT ±0M LEVEL	SCALE	-
CHECKED BY				
APPROVED BY				
DRG NO	132KV-D/C-Struct-+9M-Leg-Extn-39	SHEET NO 1-1	REV.	0

