



106-72L PLT. 125x6 - 269 LG.  
106-72R PLT. 125x6 - 269 LG.

106-82R PLT. 132x6 - 267 LG.  
106-82L PLT. 132x6 - 267 LG.

BOLTS AND NUTS STATEMENT:			
TYPE	SIZE (IN mm)	QUANTITY	
		DB	DBR
B	Ø16mm x 35mm	46	46
C	Ø16mm x 40mm	14	12
D	Ø16mm x 45mm	13	15
E	Ø16mm x 50mm	6	-
F	Ø16mm x 55mm	-	6
G	Ø16mm x 60mm	-	-
H	Ø16mm x 65mm	-	-
J	Ø16mm x 70mm	-	-
K	Ø16mm x 75mm	-	-
L	Ø16mm x 80mm	-	-
SPRING WASHERS		79	79
30 O.D. PACKING WASHERS Ø17.5mm			
5 mm		6	6
6 mm		1	1
8 mm		-	-
10 mm		-	-
STEP BOLTS Ø 16mm x 175mm		-	-

- GENERAL NOTES:
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
  - MILD STEEL BOLTS & NUTS TO IS 6639/12427/4.6/5.6 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 I.S. 2062 STANDARD.
  - GALVANISATION OF TOWER MEMBERS AND FLAT WASHERS AS PER I.S. 2062.
  - ALL HOLES Ø13.5 FOR M12 BOLTS U.O.S.
  - ALL HOLES Ø17.5 FOR M16 BOLTS U.O.S.
  - ALL HOLES Ø21.5 FOR M20 BOLTS U.O.S.
  - ALL HOLES Ø17.5 FOR M16 STEP BOLTS U.O.S.
  - STANDARD SPRING WASHERS ARE TO BE USED UNDER EACH NUT.
  - ALL FABRICATED MEMBERS SHALL HAVE THE PREFIX, 106
  - FOR SIZE OF BOLTS AND NUTS SEE TABLE OT-100
  - INDICATES MEMBERS BEING USED AS STEP-BOLTS.
  - FOR ..... SEE DRG. NO. S .....
  - FOR ..... SEE DRG. NO. S .....
  - FOR ..... SEE DRG. NO. S .....
  - FOR ..... SEE DRG. NO. S .....
  - STEP BOLTS ARE TO BE PROVIDED ON TWO DIAGONALLY OPPOSITE LEGS
  - (H) INDICATES HIGH TENSILE STEEL CONFORMING TO IS 8550 Gr.-490B QUALITY.
  - FOR ACCEPTANCE CRITERIA REFER MANUFACTURING QUALITY PLAN MFG-701.
  - CONTROL DIMENSIONS ARE SHOWN IN
  - INDICATES REVISED ITEM No. & SECTION SIZE

MARK Nos. 60 TO 84, 34

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY	DESCRIPTION	132KV D/C TOWER TYPE "DB" DETAIL OF BOTTOM X-ARM		SCALE
CHECKED BY	DRG NO	132KV-D/C-Struct-Bottom-X-25	SHEET NO 1-1	REV. 0
APPROVED BY				