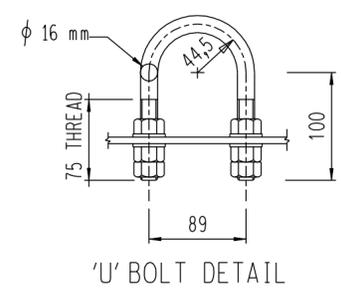


**BOLT SCHEDULE (STRENGTH GRADE 4.8)**

MARK	DIA	LENGTH	No OFF WASHERS	No OFF
1	M 16	40	2	72
2	M 16	40	1	8
3	M 16	45	2	128
4	M 16	50	2	8
5	M 20	50	1	16
6	M 20	55	2	4

**BOLTS NOTES:**  
 1- WASHERS TO BE PLACED UNDER NUT  
 2- ALL BOLTS TO BE GALVANISED  
 3- BOLTS POSITIONS INDICATED: NO OFF/MK



- NOTES:**
- 1 - QUANTITIES SHOWN ARE FOR ONE ITEM ONLY
  - 2 - ALL STEELWORK TO BE HOT DIP GALVANIZED TO SANS 121.
  - 3 - FABRICATION TOLERANCE TO BE ± 1mm
  - 4 - HOLES DIA TO BE AS MARKED
  - 5 - THE CONTRACTOR SHALL SUPPLY ALL NUTS, BOLTS, WASHERS, ETC, REQUIRED FOR ERECTION
  - 6 - H.D. BOLTS SUPPLIED UNDER SEPARATE CONTRACT.
  - 7 - ALL WELDING SHALL CONFORM TO 10044
  - 8 - ALL PORTIONS OF WELDED JOINTS, NOT SEALED BY STRUCTURAL WELD, SHALL BE SEAL WELDED
  - 9 - ALL MARKS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANIZING

**MASS SCHEDULE IN Kg**

STRUCTURE	BOLTS	U-BOLTS
794	38	0.9

340	LIGHTING SPARK
339	ANTI-CLIMBING DEVICE
341	132kV COL. FOUND DETAIL
337	132kV COL.&BEAMS DETAIL

1	REDRAWN ON CAD	T.S.		30/04/07	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
					0.54/

APPROVED BY		132 kV YARD STEELWORK (BOLTED) 12000 BEAM ARRANGEMENT
P.L.B.		
DATE 23/10/62		
CHECKED BY		
F.J.S.		
DATE 21/7/62		
CHECKED BY		
C.A.		
DATE 14/6/62		
SCALE N.T.S.		

SHEET NUMBER	REVISION
0.54/3926	0 1