

TECHNICAL SPECIFICATION FOR SINGLE POLE DTR STRUCTURE FOR 40 KVA DTR MOUNTING ARRANGEMENT

1. SCOPE:

The specification provides for the manufacture, packing forwarding supply and delivery at destination stores (FADS) Single Pole DTR Structure for 40 KVA DTR Mounting Arrangement made from Base channel with 100x50mm MS Channel, DTR Seating channel with 100x50mm, Supporting Strut with 65x65x6mm MS Angle, with Back clamps with 50x6mm MS Flat as per the drawing enclosed and painted with double coat of best quality red oxide paint.

2. STANDARDS:

The Single Pole DTR Structure for 40 KVA DTR Mounting Arrangement shall confirm in all respects to the Indian Standard IS-2062. All dimensions are in mm with tolerance as per IS 1852:1985,+5%,-3%..

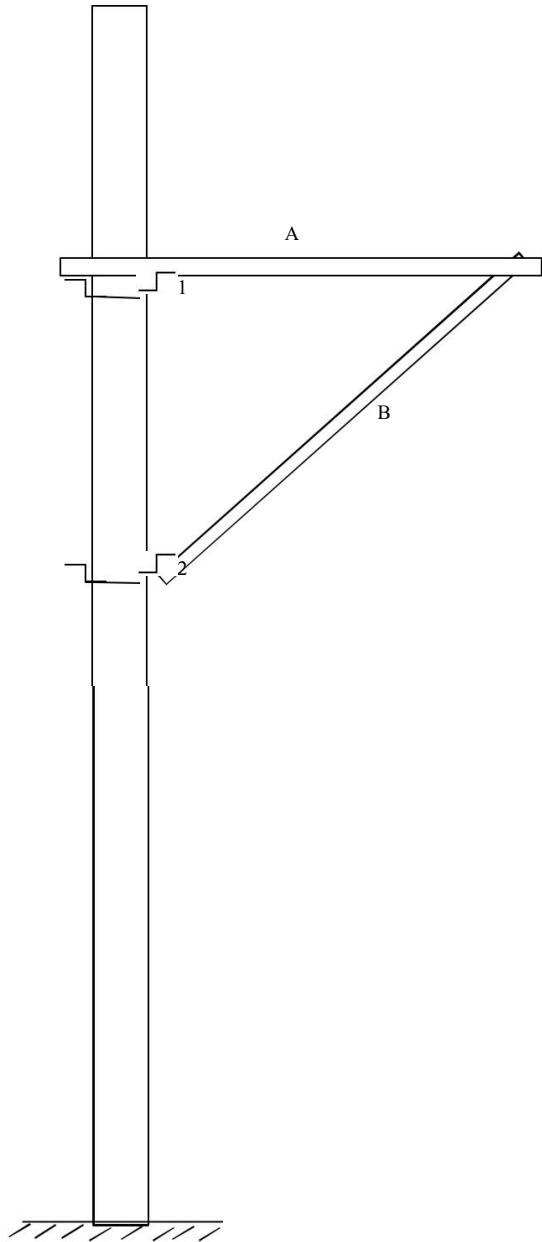
3. PAINTING:

All MS parts shall be painted with two coats of best quality red oxide paint. The Red oxide premier shall be of reputed make such as Asian/ Berger/ Narolac confirming the ISO/DIS 12944:1998.

4. SAMPLES:

5 nos. samples shall be submitted after placing purchase order on the firm and got approved by the Chief General Manager (P&MM)/ EPDCL / Visakhapatnam before giving offer, otherwise the supplies will not be taken into stock at all the 5 District Stores.

(TECHNICAL SPECIFICATION)
DRAWING FOR FABRICATION OF SINGLE POLE STRUCTURE ARRANGEMENT FOR
40KVA DTR



Name of the material	Quantity	Weight	Total Weight
Base channel with MS channel of size 100x50 MM	2	11.684	23.37
DTR seating channel with MS Channel of size 100x50MM	2	4.232	8.46
Supporting strut with MS Angle of size 65x65x6MM	2	7.83	15.66
Back clamp-1 with MS flat size 50X6MM	2	1.03	2.06
Back clamp-2 with MS flat size 50X6MM	2	1.15	2.30
			51.85

Note:

1)All holes **shall be 5/8" size slotted holes.**

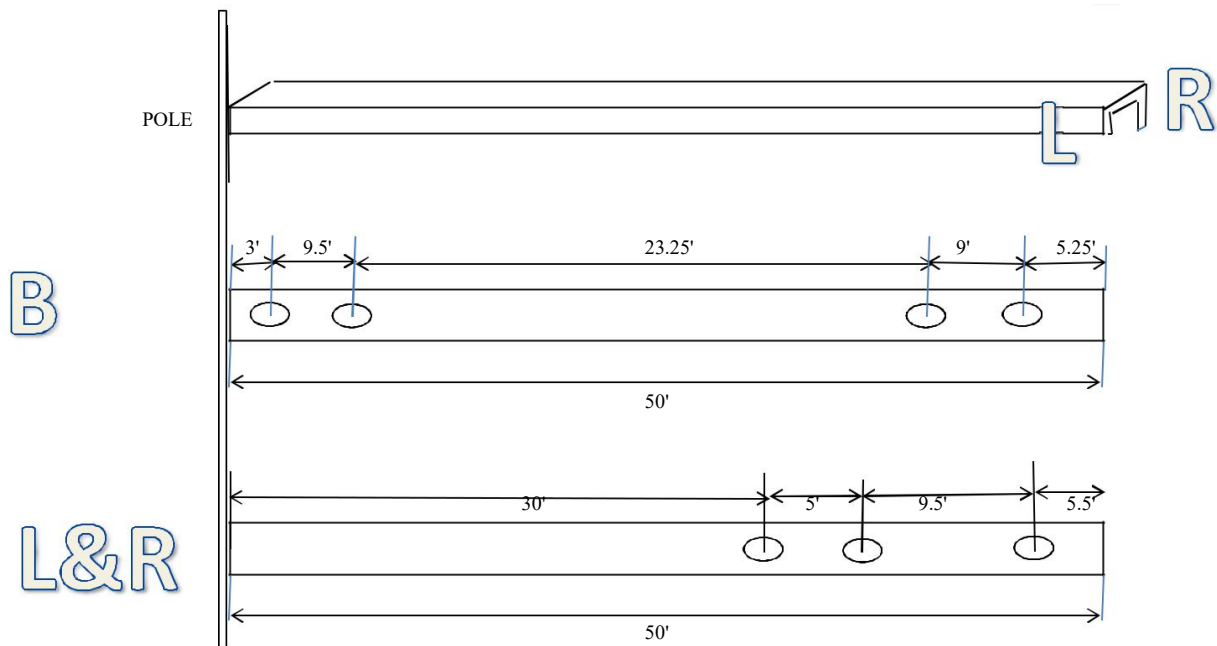
2) All dimensions are in Inches

3) Weight tolerance shall be as per IS – 1852: 1985(IS 2062 Grad-A) **i.e., +5%, -3%**

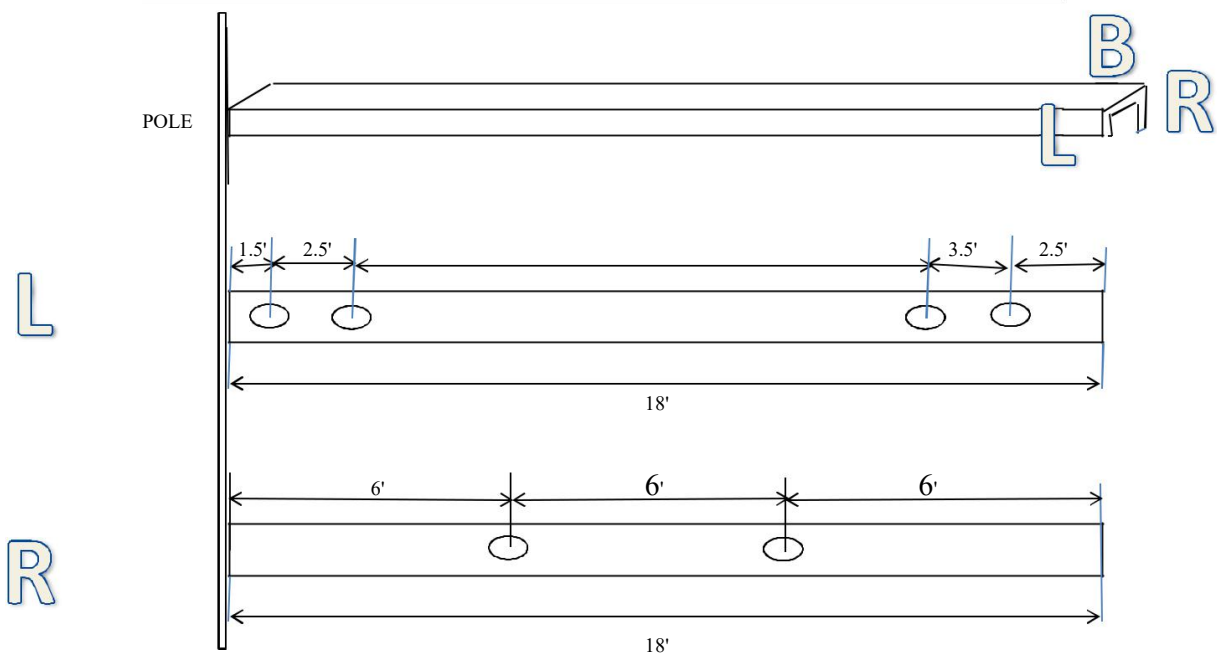
4) All MS parts shall be painted with two coats of best quality red oxide paint. The Red oxide **primer** shall be of reputed make such as Asian/Berger/Narolac confirming the ISO/DIS 12944:1998..

5) Material shall **conform** to IS 2062

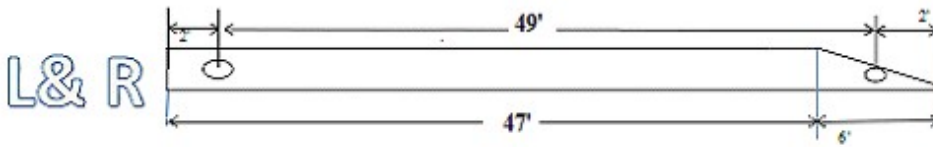
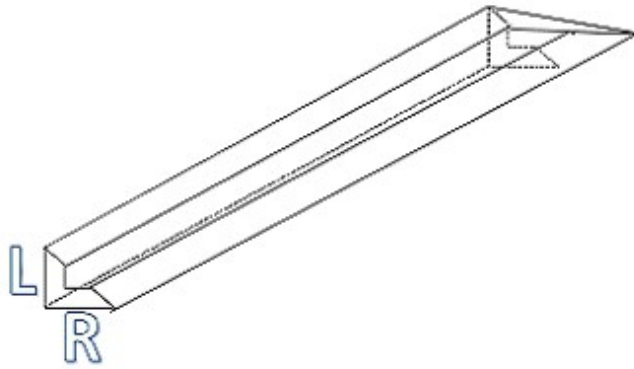
BASE CHANNEL(2No.S) WITH MS CHANNEL OF SIZE 100X50MM



DTR SITTING CHANNEL(2No.S) WITH MS CHANNEL OF SIZE 100X50MM

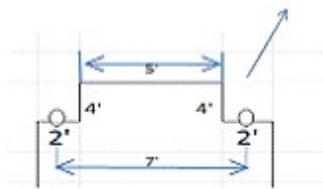


SUPPORTING STUTS(2No's)WITH MS ANGLE OF SIZE 65X65X6MM



BACK CLAMPS with 50X6mm 4Nos.

Back Clamp-1(2Nos.)



Back Clamp-2(2Nos.)

