

TECHNICAL SPECIFICATION FOR SINGLE POLE DTR STRUCTURE FOR 25 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 25 KVA DTR Mounting Arrangement made from Base channel with 75x40mm MS Channel, DTR Seating channel with 75x40mm, Supporting Strut with 50x50x6mm 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 25 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.

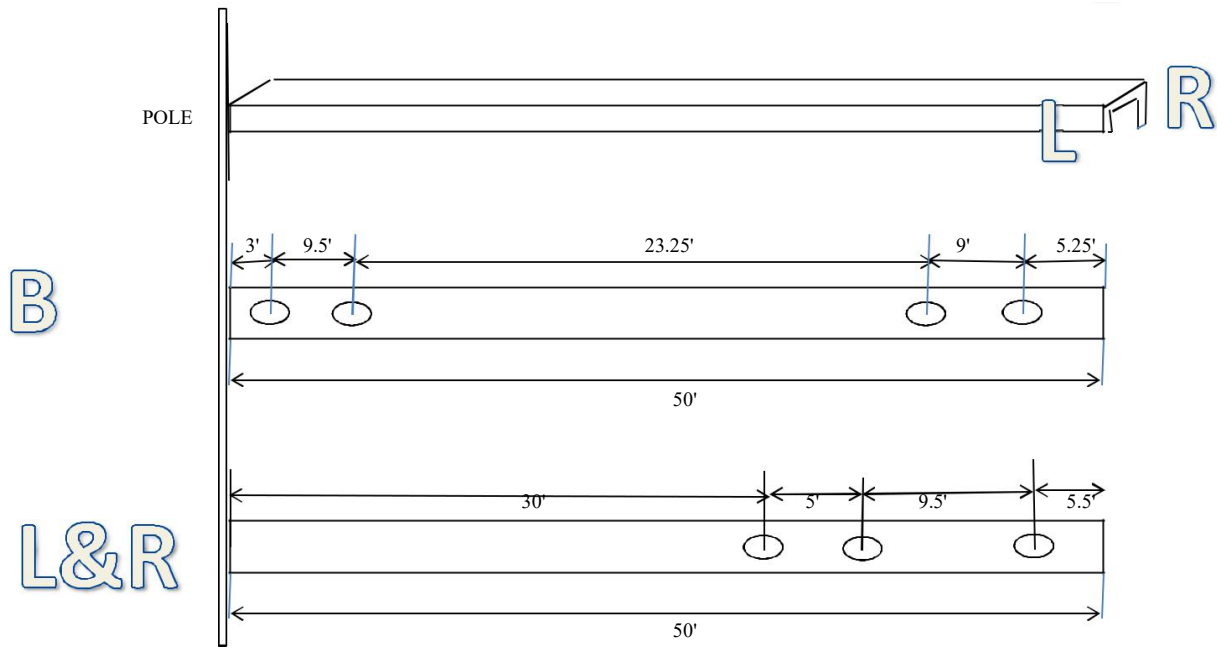
The diagram shows a structural frame. A vertical column is fixed at its base, indicated by a hatched area. A horizontal beam, labeled 'A', is attached to the column. The beam is supported by a roller at its right end. A diagonal member, labeled 'B', connects the column to the beam. The connection point on the column is labeled '2' and the connection point on the beam is labeled '1'. The diagonal member 'B' is shown as a double line, indicating it is a structural member. The beam 'A' is also shown as a double line. The column is a single line.

Name of the material	Quantity	Weight	Total Weight
Base channel with MS channel of size 75x40 MM	2	8.636	17.272
DTR seating channel with MS Channel of size 75x40MM	2	3.128	6.256
Supporting strut with MS Angle of size 50x50x6MM	2	6.075	12.150
Back clamp-1 with MS flat size 50X6MM	2	1.015	2.030
Back clamp-2 with MS flat size 50X6MM	2	1.133	2.266
			39.974

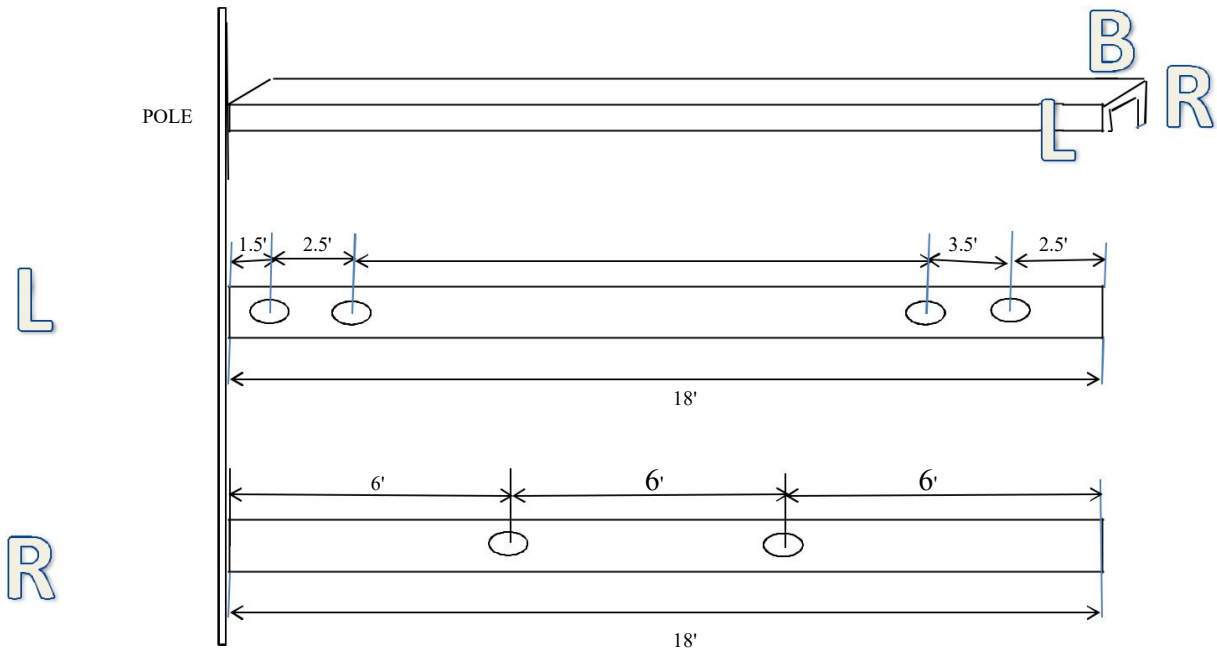
Note:

- 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

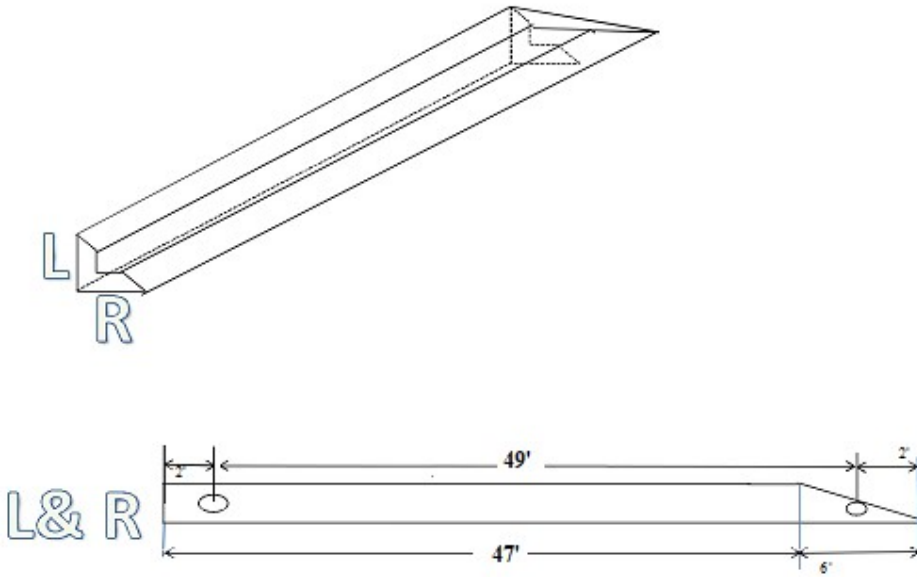
BASE CHANNEL(2No.S) WITH MS CHANNEL OF SIZE 75X40MM



DTR SITTING CHANNEL(2No.S) WITH MS CHANNEL OF SIZE 75X40MM



SUPPORTING STUTS(2No's)WITH MS ANGLE OF SIZE 50X50X6MM



BACK CLAMPS with 50X6mm 4Nos.

