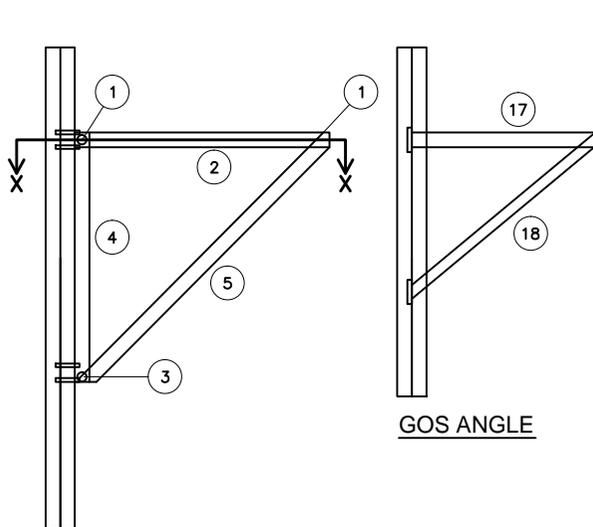
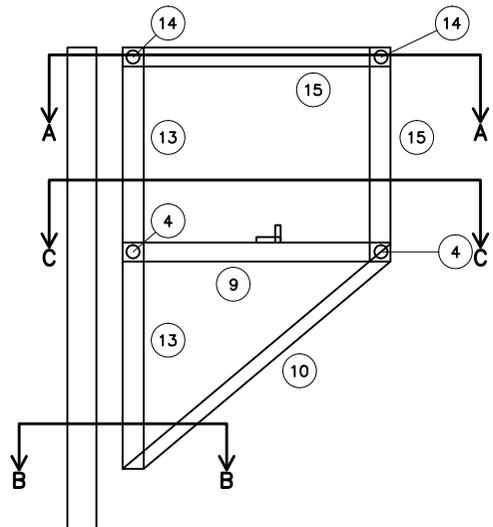


**NOTES:-**  
 1. ALL HOLES ARE 18mm DIA. FOR 16mm DIA. BOLTS.

	Signatures	All dimensions are in mm unless otherwise stated.	 <b>BESCOM</b>
Chd	<i>[Signature]</i> AGM (QS&S)	<b>GENERAL ARRANGEMENT          DRAWING FOR SINGLE          POLE STRUCTURE SET ON          9MTR. 150 KG WL RCC SQ          POLE FOR 25/63 KVA 4/5 STAR          RATED, (SHEET 1 OF 2)</b>  <b>BOM-7A</b>	
Sub	<i>[Signature]</i> DGM (QS&S)		<i>[Signature]</i> General Manager, (Elec.) QS&S
	SCALE: N.T.S		DRG.NO.BESCOM/GM/QS&S/37 REV-002 DATED:24-11-2018

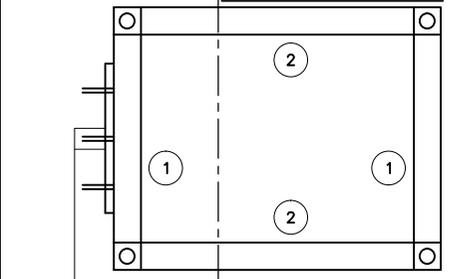


**SUPPORT STRUCTURE FOR TRANSFORMER**

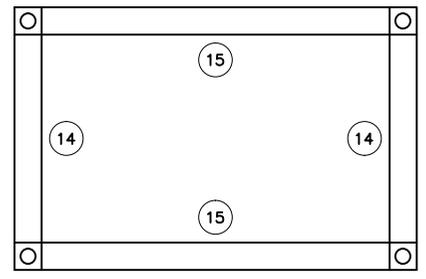


**SUPPORT STRUCTURE FOR GOS, HG FUSE & LA**

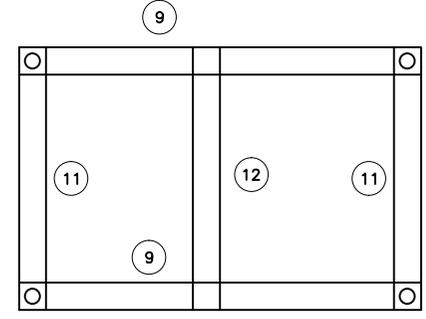
CL OF TRANSFORMER MAX 600mm FROM POLE



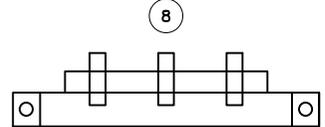
**SECTION PLAN "XX"**



**SECTION PLAN "AA"**

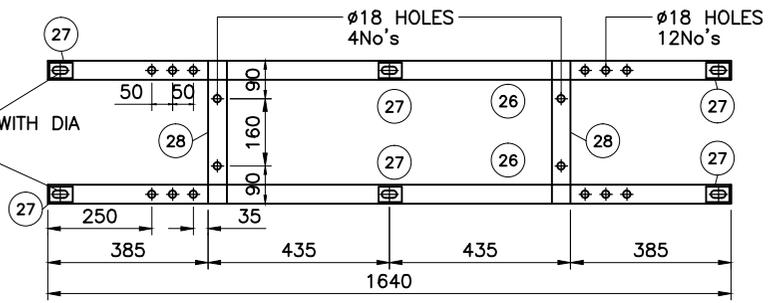


**SECTION PLAN "CC"**



**SECTION PLAN "BB"**

45x45x5 CLEAT WITH DIA 18x36 SLOTS

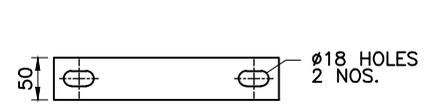


**H-FRAME**

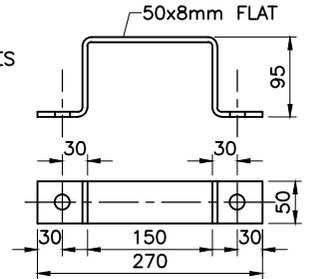
**BILL OF MATERIALS - 7 A**

**SPMT Structure materials suitable for mounting 25/63KVA Star Rated Transformers by using RCC Sq Section Pole 9Mtrs Long, 150kg WL With H Frame**

Sl. No.	Part No.	Qty in Nos	MS Angle Flat in mm	Length/ Piece in mm x Nos	Wt/Mtr in Kgs	Approx wt in Kgt
<b>Transformer Seating Kit</b>						
1	Transformer Seating Channel	2	65x65x6	485	5.8	5.63
2	Transformer Seating Channel	2	65x65x6	850	5.8	9.86
3	Transformer Belting Angle with 65mm Cleat Welded	1	65x65x6	485	6.5	3.15
4	Transformer Seating Supporting Vertical Side Angle	2	45x45x5	1000	3.4	6.80
5	Brace for Transformer Seating Angle	2	45x45x5	1230	3.4	8.36
6	Back Clamp for Transformer Seating Angle	1	50x8	560	3.1	1.74
7	Back Clamp for Transformer Belting Angle	1	50x8	560	3.1	1.74
<b>LA, HG Fuse Unit and Supporting Materials</b>						
8	Horizontal Supporting Side Angle for H Frame set	1	50x50x6	850	4.5	3.83
9	Horizontal Supporting Side angle for HG Fuse Unit	2	50x50x6	1150	4.5	10.35
10	Brace for GOS & HG Fuse Unit	2	45x45x5	1321	3.4	8.98
11	Horizontal Supporting Side Angle for HG Fuse Unit	2	50x50x6	850	4.5	7.65
12	Horizontal Angle for HG Fuse Fixing	1	50x50x6	835	4.5	3.76
13	Vertical Supporting angle for fixing GOS & HG Fuse Unit	2	45x45x5	1550	3.4	10.54
14	Horizontal Supporting Side angle for fixing GOS	2	50x50x6	850	4.5	7.65
15	Vertical Supporting angle for fixing GOS	2	45x45x5	850	3.4	5.78
16	Horizontal Supporting angle for fixing GOS	2	50x50x6	1150	4.5	10.35
17	GOS Operating Pipe Supporting Angle	1	65x65x6	1150	5.8	6.67
18	GOS Operating Pipe Brace Angle	1	45x45x5	1000	3.4	3.40
19	Back Clamp For GOS Operating Pipe Supporting Angle (ON/OFF)	1	50x8	480	3.1	1.49
20	Back Clamp For GOS Operating Pipe Brace Angle (ON/OFF)	1	50x8	480	3.1	1.49
21	Back Clamp For GOS Mounting	1	50x8	480	3.1	1.49
22	Back Clamp For GOS Brace	1	50x8	480	3.1	1.49
23	Back Clamp For HG Fuse Unit	1	50x8	480	3.1	1.49
24	Back Clamp For LT Kit	1	50x8	480	3.1	1.49
25	Fish Plate	1	50x6	270	2.4	0.65
<b>11kV H Frame Ladder Set details</b>						
26	Angle Type A1& A2	2	45x45x5	1640	3.4	11.15
27	Welded Angle	6	45x45x5	60	3.4	1.22
28	Angle Type A3	2	45x45x5	345	3.4	2.35
<b>TOTAL a) Structure Steel</b>						<b>142.02</b>
<b>MS Bolts &amp; Nuts Full Thread Including H Frame</b>						
<b>MS Bolt &amp; Nuts For Transformer, Structure Kit &amp; H Frame</b>		47	16x40mm to 16x125mm	-	-	10.00
<b>TOTAL b) Bolt and Nut Full Thread</b>						<b>10.00</b>



**FISH PLATE (50x6)**



**BACK CLAMP (50x8)**

Signatures		All dimensions are in mm unless otherwise stated.	 <b>BESCOM</b>
Chd	<i>[Signature]</i> AGM (QS&S)		
Sub	<i>[Signature]</i> DGM (QS&S)	<b>GENERAL ARRANGEMENT DRAWING FOR SINGLE POLE STRUCTURE SET ON 9MTR. 150 KG WL RCC SQ POLE FOR 25/63 KVA 4/5 STAR RATED, (SHEET 2 OF 2)</b>	Approved: <i>[Signature]</i> <b>General Manager, (Elec.) QS&amp;S</b>
SCALE: N.T.S		<b>BOM-7A</b>	DRG.NO.BESCOM/GM/QS&S/37 REV-002 DATED:24-11-2018