

NOTES:

- 1- ALL DIMENSION ARE IN MILLIMETERS.
2- DO NOT SCALE THE DRAWING
3- DIAMETERS OF HOLE ARE AS FOLLOWS:
4- 213 mm FOR M20, 217.5 mm FOR M16
5- 113.5 mm FOR M12 BOLTS.
6- EACH BOLT ASSEMBLY INCLUDES ONE BOLT
7- ONE NUT AND ONE SPRING WASHER.
8- EACH STEP BOLT ASSEMBLY INCLUDES ONE STEP BOLT
9- TWO NUTS AND TWO SPRING WASHER.
10- GRADE OF BOLTS IS 8.8
11- THE STEEL MEMBER IDENTIFIED BY "H" ARE ST52
OTHER MEMBERS ARE ST37

SYMBOLS AND ABBREVIATIONS

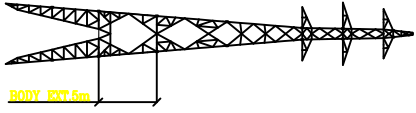
| DESCRIPTION | SYMBOL |
|--------------------|--------|
| CENTER LINE | C.L. |
| PLATE | PL |
| ANGLE | L |
| SPLICE | SP |
| HIGH TENSILE | HL |
| BEND LINE | B.L. |
| NEAR SIDE | N.S. |
| FAR SIDE | F.S. |
| Ø14 mm HOLE | ● |
| Ø17.5 mm HOLE | ○ |
| Ø21.5mm HOLE | ⊙ |
| HOLE FOR STEP BOLT | ⊙ |

SPECIFICATION FOR MATERIALS

| NO. | ITEM | DESCRIPTION | ESTIMATED QUANTITY |
|-----|---------------|-------------|--------------------|
| 1 | ANGLE | HL 100x6-8 | HL 100x6-8 |
| 2 | PLATE | HL 100x6-8 | HL 100x6-8 |
| 3 | WASHER | HL 100x6-8 | HL 100x6-8 |
| 4 | BOLT | HL 100x6-8 | HL 100x6-8 |
| 5 | NUT | HL 100x6-8 | HL 100x6-8 |
| 6 | SPRING WASHER | HL 100x6-8 | HL 100x6-8 |
| 7 | STEP BOLT | HL 100x6-8 | HL 100x6-8 |
| 8 | WASHER | HL 100x6-8 | HL 100x6-8 |
| 9 | PLATE | HL 100x6-8 | HL 100x6-8 |
| 10 | ANGLE | HL 100x6-8 | HL 100x6-8 |

LIST OF BOLT & NUTS & WASHERS INCLUDING 3% EXTRA

| LENGTH | QTY. | LENGTH | QTY. |
|-----------|------|---------------|------|
| M16x50mm | 346 | 50mm PLATE W. | 9 |
| M16x40mm | 43 | 60mm PLATE W. | 5 |
| M16x30mm | 55 | 50x50 WASHER | 469 |
| STEP BOLT | 12 | | |



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| 63 KV B.C.D TRANSMISSION LINE |
| YAZD REGIONAL ELECTRIC CO. |
| MONENCOO IRAN CO. |
| YASAN CO. |
| SUSPENSION YASMO3 |
| BODY EXT. 5M |

