

LEG EXT.7m TRANS & LONG FACE

NOTES:

- 1- ALL DIMENSION ARE IN MILLIMETERS.
- 2- DO NOT SCALE THE DRAWING
- 3- DIAMETERS OF HOLE ARE AS FOLLOWS:
Ø21.5 mm FOR M20, Ø17.5 mm FOR M16
Ø13.5 mm FOR M12 BOLTS.
- 4- EACH BOLT ASSEMBLY INCLUDES ONE BOLT
ONE NUT AND ONE SPRING WASHER.
- 5- EACH STEP BOLT ASSEMBLY INCLUDES ONE STEP BOLT
TWO NUTS AND TWO SPRING WASHER.
- 6- GRADE OF BOLTS IS 5.8
- 7- THE STEEL MEMBER IDENTIFIED BY "R" 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	⊙

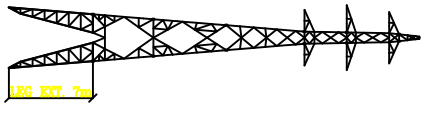
SPECIFICATION FOR MATERIALS

NO.	ITEM	REFERENCE
1	ANGLE	DIN EN 10066-2 MIL STEEL, GRADE S355JR
2	CROSSER	DIN EN 10066-2 MIL STEEL, GRADE S355JR
3	PLATE	DIN EN 10066-2 MIL STEEL, GRADE S355JR
4	PLATE	DIN EN 10066-2 MIL STEEL, GRADE S355JR
5	BOLT	DIN 9000 ISO 886-part1, Grade 5.8
6	NUT	DIN 9000 ISO 886-part2, Grade 5
7	SPRINGER	DIN 187 DIN 907-part 2
8	WASHER	DIN EN ISO 4789-3 DIN EN 10066-2, Grade S355JR
9	WASHER	DIN EN ISO 4789-3 DIN EN 10066-2, Grade S355JR
10	WASHER	DIN EN ISO 4789-3 DIN EN 10066-2, Grade S355JR

Note: 1- Application of an equal and approved material is allowed only after the written permission of consultant.

LIST OF BOLT & NUTS & WASHERS INCLUDING 3X EXTRA

LENGTH	QTY.	LENGTH	QTY.
M16x5mm	56	STEP BOLT	13
M16x4mm	54	6mm PLATE W.	03
M16x3mm	27	50x57 WASHER	166
M16x3mm	03		



PROJECT

93 KV D.C. TRANSMISSION LINE

YAZD REGIONAL ELECTRIC CO.

MONENCO IRAN CO.

YASAN CO.

SUSPENSION TSM03

LEG EXT. 7m

