

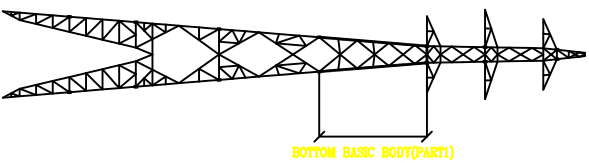
NOTES:

- 1- ALL DIMENSION ARE IN MILLIMETERS.
2- DO NOT SCALE THE DRAWING AS FOLLOWS:
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 "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	
REFERENCE	
NO	ITEM
1	ANGLE DIN EN 10066-3 H245 STEEL, GRADE S235JR H245 THERMO-MECHANICALLY TREATED STEEL
2	CROSSBART DIN EN 10040 H245 STEEL, GRADE S235JR H245 THERMO-MECHANICALLY TREATED STEEL
3	PLATE DIN EN 10040 H245 STEEL, GRADE S235JR H245 THERMO-MECHANICALLY TREATED STEEL
4	BOLT DIN 934 S20 066-part1, Grade 5.8
5	NUT DIN 934 S20 066-part2, Grade 5
6	SPRINGER DIN 187 DIN 977-part 2B
7	WASHER DIN EN ISO 4709-3 DIN EN 10066-3, Grade S235JR
8	GUYS DIN EN 10066-3 ASTM A133 ASTM A133

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



NO	REVISION	DATE	BY	CHKD	APPD
01	ISSUED FOR CONSTRUCTION	13/10/2024	YASAN	YASAN	YASAN
02	REVISION	13/10/2024	YASAN	YASAN	YASAN

YASAN CO. - SA 30

YASAN REGIONAL ELECTRIC CO.

YASAN CO.

SUSPENSION TSMOS

BOTTOM BASIC BODY(PART1)

YASAN CO. - SA 30