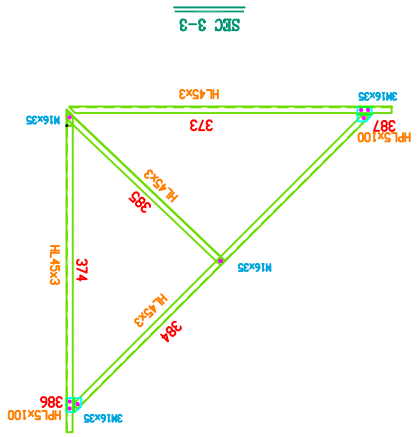

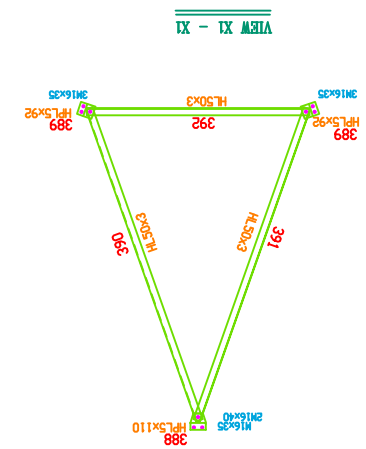

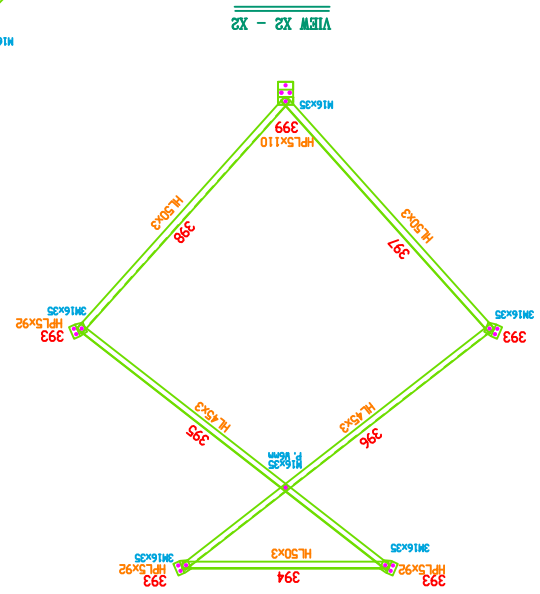

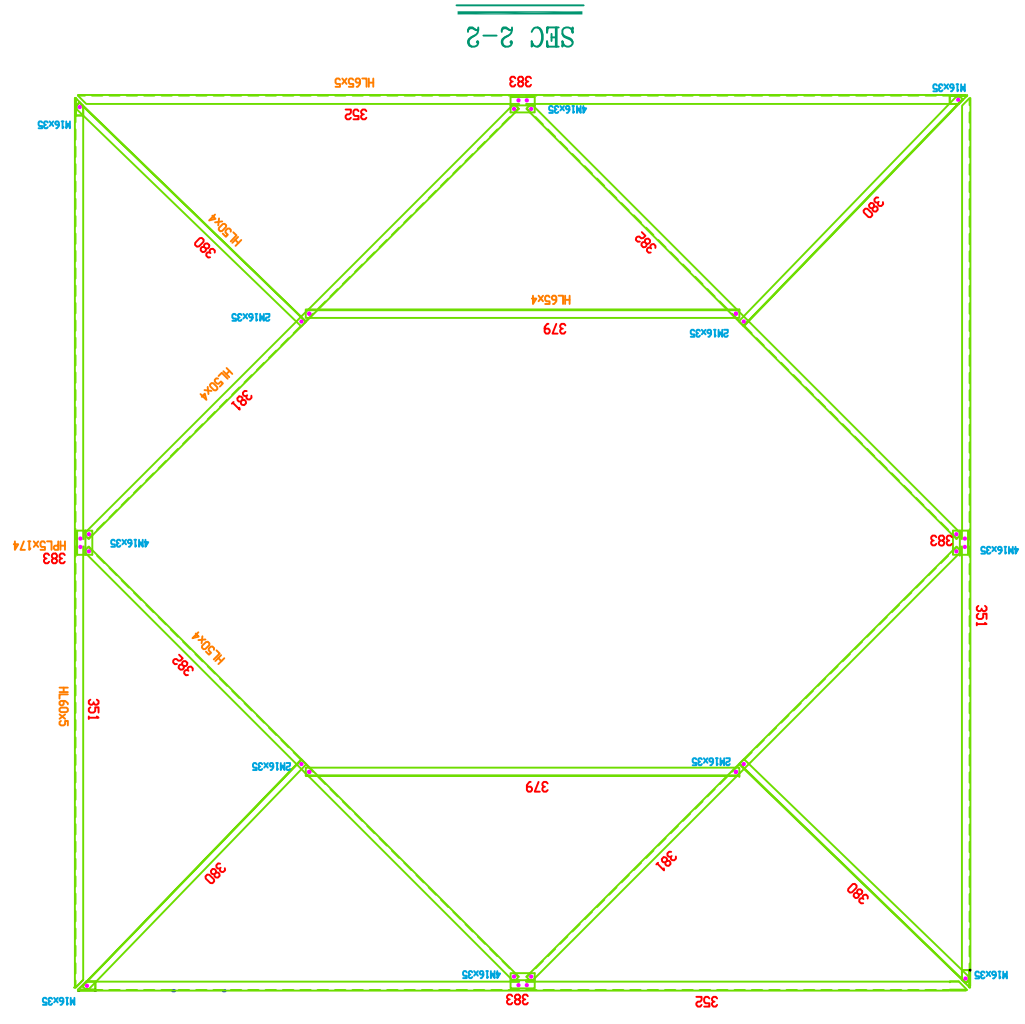

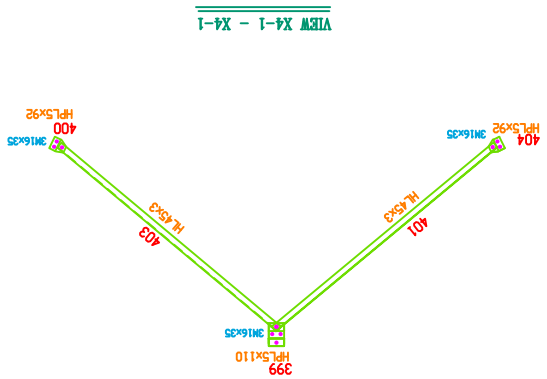

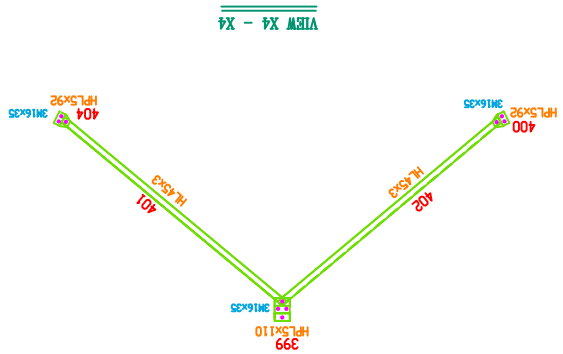

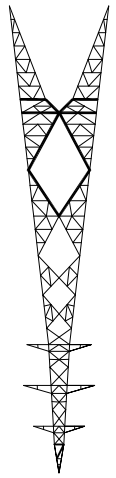

NO	ITEM	REMARK Specific Requirements	Technical Delivery Conditions
1	ANGLE	DIN 10056-2	DIN EN 10025-2 MILD STEEL-GRADE S355JO HIGH TENSILE-GRADE S500Q
2	CHEQUER PLATE	DIN 10048	DIN EN 10025-2 MILD STEEL-GRADE S355JR HIGH TENSILE-GRADE S500Q
3	PLANK PLATE	DIN 10048	DIN EN 10025-2 MILD STEEL-GRADE S355JR
4	BOLT	DIN 7990	ISO 898-part1,Grade 6.8
5	NUT	DIN 4032	ISO 898-part2,Grade 8
6	SPRING WASHER	DIN 127	DIN 267-part 30
7	PLAIN WASHER	DIN EN ISO 4759-3	DIN EN 10088-2,Grade 303S18
8	GALVANIZE	BOLTS & NUTS & WASHERS	ASTM A153
		ANGLES & PLATES	ASTM A123

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

SYMBOLS AND ABBREVIATIONS

DESCRIPTION	SYMBOLE
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.*
Ø12 mm HOLE	◆
Ø13.5 mm HOLE	●
Ø17.5 mm HOLE	○
Ø21.5mm HOLE	◐
Ø25mm HOLE	⊕
HOLE FOR STEP BOLT	●

SPECIFICATION FOR MATERIALS

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 INDENTIFIED BY "H" ARE ST:52 OTHER MEMBERS ARE ST:37

CONSULTANT	MONENCO IRAN CO.
OWNER	YAZD REGIONAL ELECTRIC CO.
PROJECT	63 kV D.C TRANSMISSION LINE
DRAWING TITLE	TENSION YTM30 (SECTIONSVIEW)
DRAWING NO.	BODY EXT. 10M
DATE	1397/09/22
REVISION NO.	00

NO	DESCRIPTION	BY	CHKD.	APPR.	DATE
00	ISSUE FOR APPROVAL	MM	AA	MDM	97/09/30

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