

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 "H" ARE ST32
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	
		Iranian Requirements	Technical History Conditions
1	ANGLE	DN 10056-3	DN 10105-3
2	CROSSER	DN 10046	DN 10105-3
3	PLATE	DN 10046	DN 10105-3
4	BOLT	DN 7900	DN 800-part/Grade 5.8
5	NUT	DN 4082	DN 800-part/Grade 5
6	WASHER	DN 127	DN 287-part 28
7	PLATE	DN 10105-3	DN 10105-Grade 58555
8	WASHER	DN 127	DN 287-part 28
9	PLATE	DN 10046	DN 10105-3
10	WASHER	DN 127	DN 287-part 28
11	PLATE	DN 10046	DN 10105-3
12	WASHER	DN 127	DN 287-part 28
13	PLATE	DN 10046	DN 10105-3
14	WASHER	DN 127	DN 287-part 28
15	PLATE	DN 10046	DN 10105-3
16	WASHER	DN 127	DN 287-part 28
17	PLATE	DN 10046	DN 10105-3
18	WASHER	DN 127	DN 287-part 28
19	PLATE	DN 10046	DN 10105-3
20	WASHER	DN 127	DN 287-part 28
21	PLATE	DN 10046	DN 10105-3
22	WASHER	DN 127	DN 287-part 28
23	PLATE	DN 10046	DN 10105-3
24	WASHER	DN 127	DN 287-part 28
25	PLATE	DN 10046	DN 10105-3
26	WASHER	DN 127	DN 287-part 28
27	PLATE	DN 10046	DN 10105-3
28	WASHER	DN 127	DN 287-part 28
29	PLATE	DN 10046	DN 10105-3
30	WASHER	DN 127	DN 287-part 28
31	PLATE	DN 10046	DN 10105-3
32	WASHER	DN 127	DN 287-part 28
33	PLATE	DN 10046	DN 10105-3
34	WASHER	DN 127	DN 287-part 28
35	PLATE	DN 10046	DN 10105-3
36	WASHER	DN 127	DN 287-part 28
37	PLATE	DN 10046	DN 10105-3
38	WASHER	DN 127	DN 287-part 28
39	PLATE	DN 10046	DN 10105-3
40	WASHER	DN 127	DN 287-part 28
41	PLATE	DN 10046	DN 10105-3
42	WASHER	DN 127	DN 287-part 28
43	PLATE	DN 10046	DN 10105-3
44	WASHER	DN 127	DN 287-part 28
45	PLATE	DN 10046	DN 10105-3
46	WASHER	DN 127	DN 287-part 28
47	PLATE	DN 10046	DN 10105-3
48	WASHER	DN 127	DN 287-part 28
49	PLATE	DN 10046	DN 10105-3
50	WASHER	DN 127	DN 287-part 28
51	PLATE	DN 10046	DN 10105-3
52	WASHER	DN 127	DN 287-part 28
53	PLATE	DN 10046	DN 10105-3
54	WASHER	DN 127	DN 287-part 28
55	PLATE	DN 10046	DN 10105-3
56	WASHER	DN 127	DN 287-part 28
57	PLATE	DN 10046	DN 10105-3
58	WASHER	DN 127	DN 287-part 28
59	PLATE	DN 10046	DN 10105-3
60	WASHER	DN 127	DN 287-part 28
61	PLATE	DN 10046	DN 10105-3
62	WASHER	DN 127	DN 287-part 28
63	PLATE	DN 10046	DN 10105-3
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66	WASHER	DN 127	DN 287-part 28
67	PLATE	DN 10046	DN 10105-3
68	WASHER	DN 127	DN 287-part 28
69	PLATE	DN 10046	DN 10105-3
70	WASHER	DN 127	DN 287-part 28
71	PLATE	DN 10046	DN 10105-3
72	WASHER	DN 127	DN 287-part 28
73	PLATE	DN 10046	DN 10105-3
74	WASHER	DN 127	DN 287-part 28
75	PLATE	DN 10046	DN 10105-3
76	WASHER	DN 127	DN 287-part 28
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78	WASHER	DN 127	DN 287-part 28
79	PLATE	DN 10046	DN 10105-3
80	WASHER	DN 127	DN 287-part 28
81	PLATE	DN 10046	DN 10105-3
82	WASHER	DN 127	DN 287-part 28
83	PLATE	DN 10046	DN 10105-3
84	WASHER	DN 127	DN 287-part 28
85	PLATE	DN 10046	DN 10105-3
86	WASHER	DN 127	DN 287-part 28
87	PLATE	DN 10046	DN 10105-3
88	WASHER	DN 127	DN 287-part 28
89	PLATE	DN 10046	DN 10105-3
90	WASHER	DN 127	DN 287-part 28
91	PLATE	DN 10046	DN 10105-3
92	WASHER	DN 127	DN 287-part 28
93	PLATE	DN 10046	DN 10105-3
94	WASHER	DN 127	DN 287-part 28
95	PLATE	DN 10046	DN 10105-3
96	WASHER	DN 127	DN 287-part 28
97	PLATE	DN 10046	DN 10105-3
98	WASHER	DN 127	DN 287-part 28
99	PLATE	DN 10046	DN 10105-3
100	WASHER	DN 127	DN 287-part 28

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

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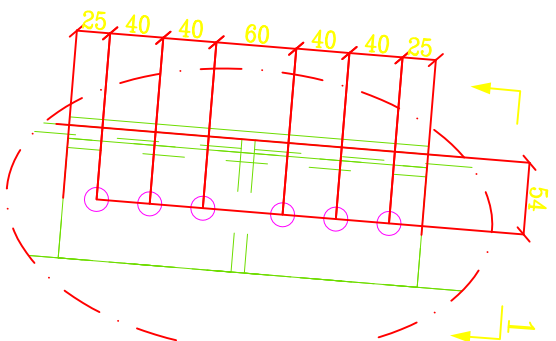
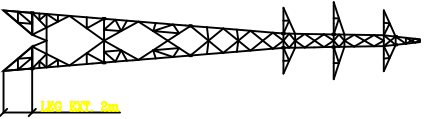
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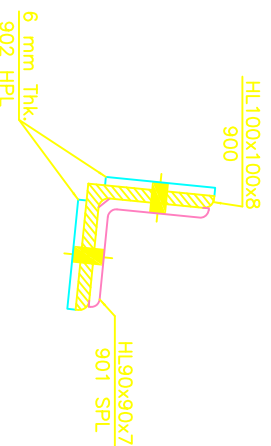
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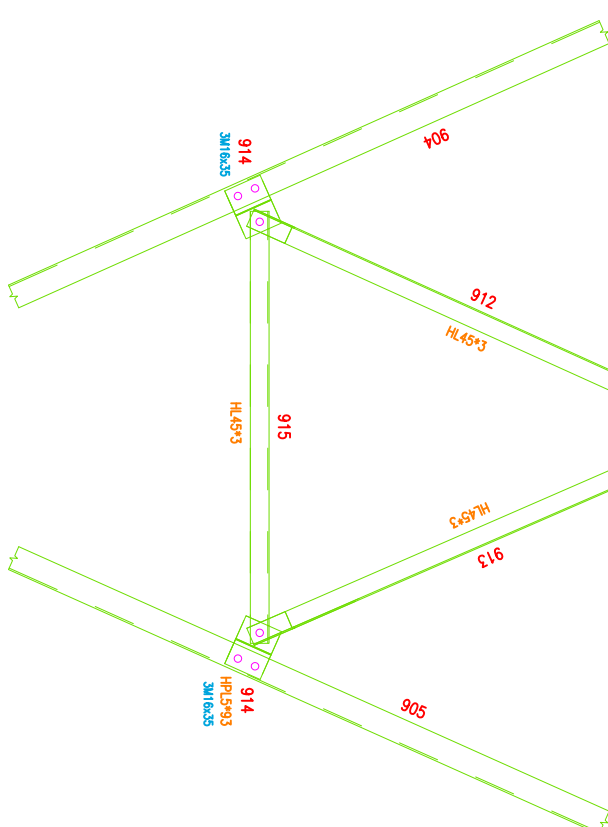
63 kV D.C. TRANSMISSION LINE
YAZD REGIONAL ELECTRIC CO.
MONENGO IRAN CO.
YASAN CO.
SUSPENSION YSM03
LEG EXT. 2m



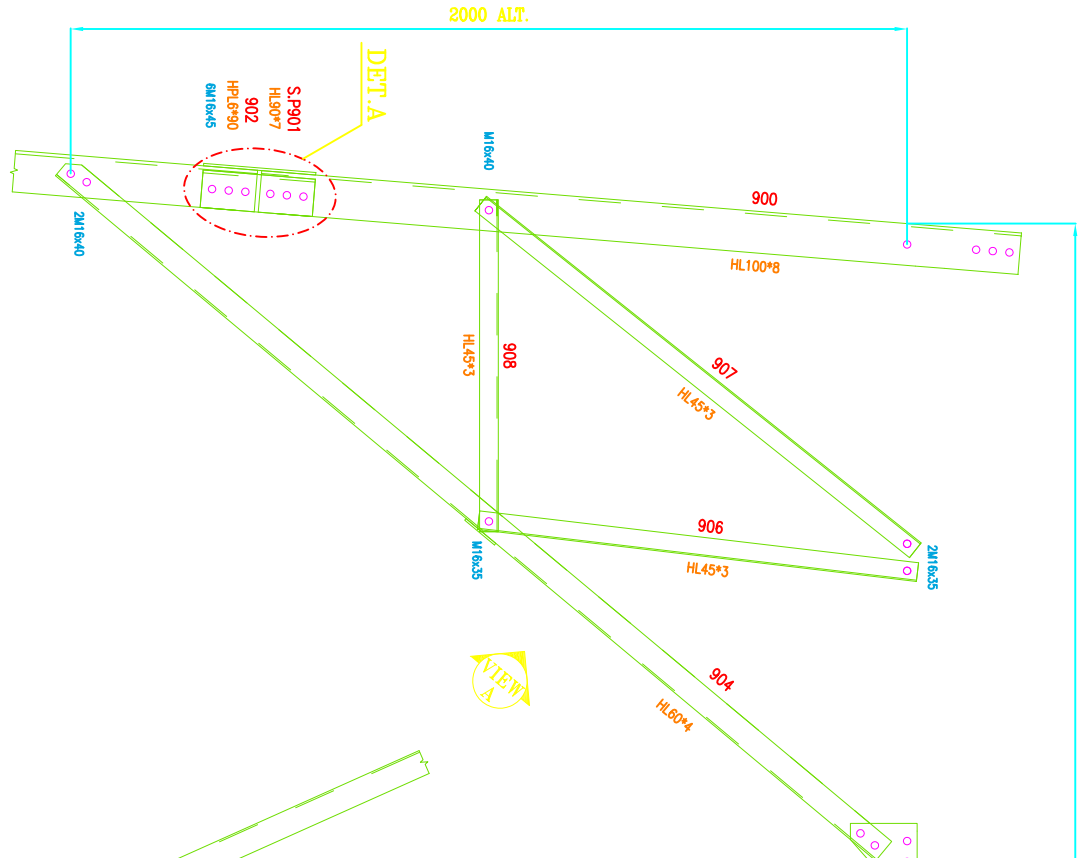
SECTION 1-1



VIEW A



VIEW A

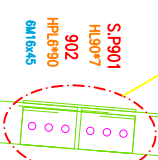


LEG EXT.2m TRANS & LONG FACE

B/B OF ANGLE 313.8/2

2000 ALT.

DET.A



DET.A