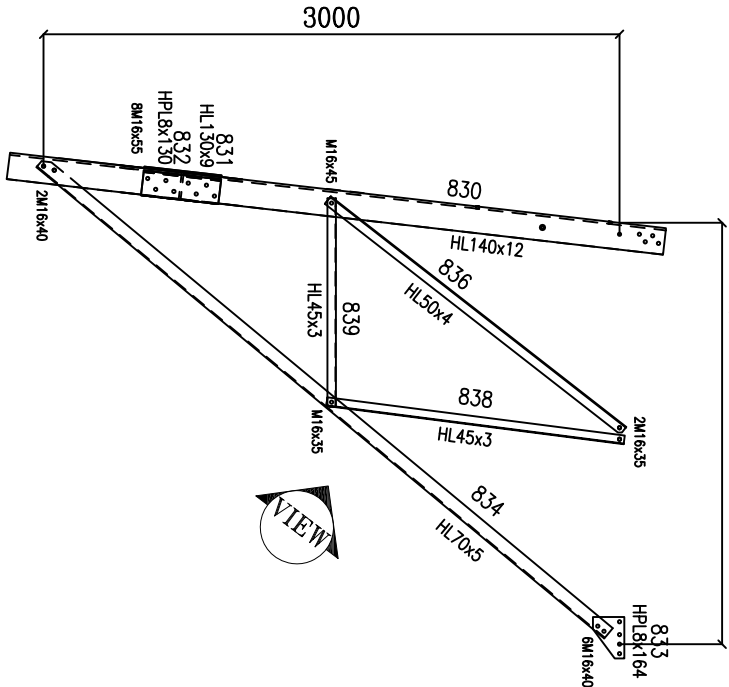
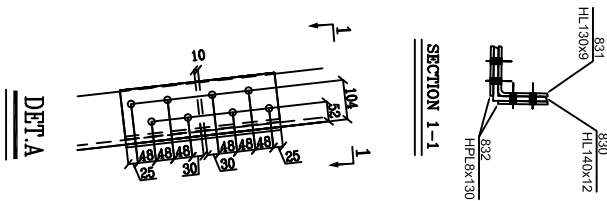
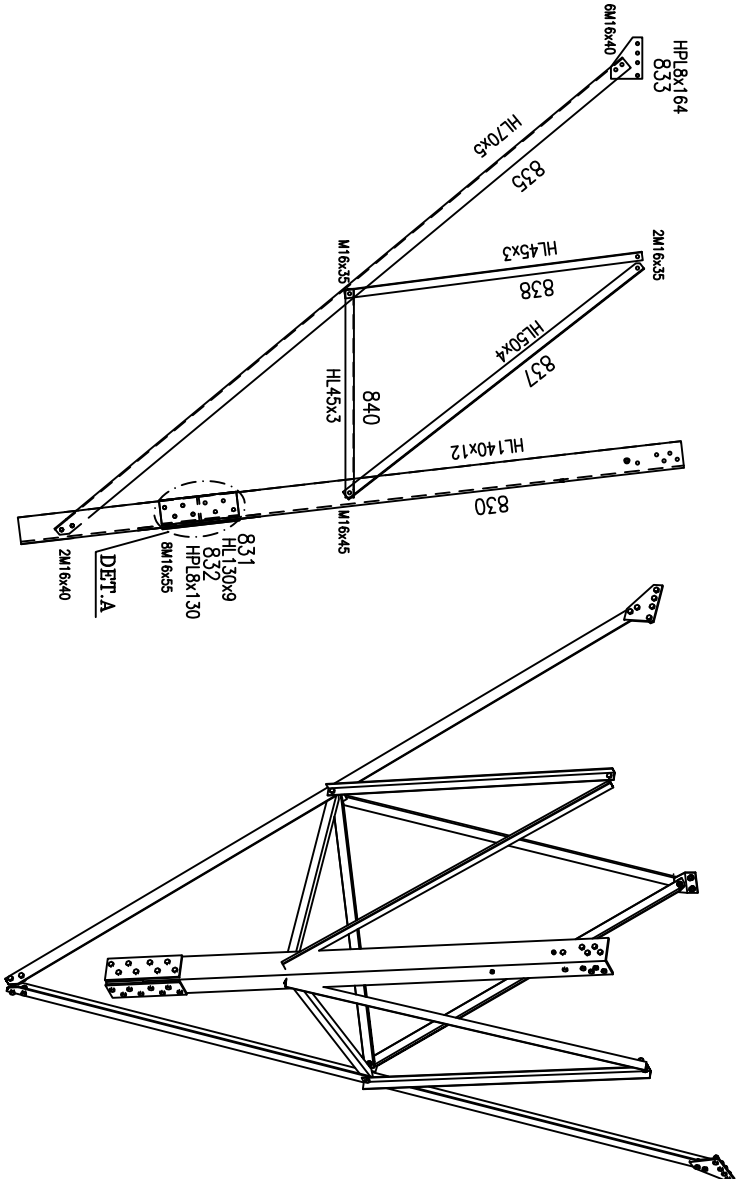
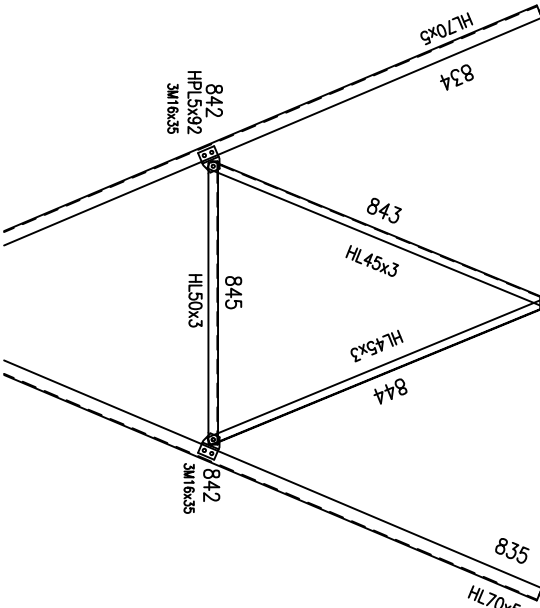


LEG EXT.3m TRANS & LONG FACE

B/B OF ANGLE 2210.2



VIEW LEG EX.3M



DETA

- NOTES:
- 1- ALL DIMENSION ARE IN MILLIMETERS.
  - 2- DO NOT SCALE THE DRAWING
  - 3- DIAMETERS OF HOLE ARE AS FOLLOWS:  
#215 mm FOR M20, #175 mm FOR M16  
#135 mm FOR M12
  - 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 "A" ARE ST52  
OTHER MEMBERS ARE ST37

SYMBOLS AND ABBREVIATIONS

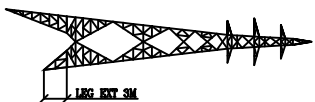
DESCRIPTION	SYMBOL
CENTER LINE	C.L.
PLATE	PL
ANGLE	L
SPLICE	SP
HIGH TENSILE	HL
BEND LINE	B.L.
NEAR SIDE	N.S.
FAIR SIDE	F.S.
Ø12 mm HOLE	◆
Ø13.5 mm HOLE	●
Ø17.5 mm HOLE	○
Ø21.5mm HOLE	⊙
Ø25mm HOLE	⦿
HOLE FOR STEP BOLT	⦿

SPECIFICATION FOR MATERIALS

NO.	ITEM	REFERENCE
1	ANGLE	ASTM A36
2	PLATE	ASTM A36
3	PLATE	ASTM A36
4	PLATE	ASTM A36
5	PLATE	ASTM A36
6	PLATE	ASTM A36
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99	PLATE	ASTM A36
100	PLATE	ASTM A36

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

LIST OF BOLT & NUTS & WASHERS INCLUDING 3% EXTRA			
LENGTH	QTY.	LENGTH	QTY.
M16x5mm	17	SPR. WASHER	50
M16x6mm	9		
M16x5mm	3		
M16x5mm	17		
STEP BOLT	2		



PROJECT	63KV D/C TRANSMISSION LINE
CLIENT	MONENGO IRAN CO.
DESIGNER	YASAN CO.
CONTRACT	TENSION YTM30
LEG EXT. 3M	
DATE	1397/04/04
BY	1397/04/04
CHECKED	1397/04/04
APPROVED	1397/04/04
SCALE	1:1
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