



TRANS FACE

LONG FACE

NOTES:	
1-	ALL DIMENSION ARE IN MILLIMETERS.
2-	DO NOT SCALE THE DRAWING
3-	DIA METERS OF HOLE ARE AS FOLLOWS: M16 #21.5 mm FOR M20, #17.5 mm FOR M16 #13.5 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 ST-32 OTHER MEMBERS ARE ST-37
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 mm HOLE	●
Ø17.5 mm HOLE	○
Ø20 mm HOLE	◉
Ø22mm HOLE	◐
HOLE FOR STEP BOLT	●

SPECIFICATION FOR MATERIALS

NO	ITEM	Respective Requirements	Technical/ Material/ Safety/ Condition
1	ANWZL	DN 1000-3	DN 1000-3 HD STEEL-CLAD SUSSE-CLAD
2	GRISST PLATE	DN 1000-6	DN 1000-6 HD STEEL-CLAD SUSSE-CLAD
3	PLATE	DN 1000-3	DN 1000-3 HD STEEL-CLAD SUSSE-CLAD
4	DN2	DN 700	DN 900-part/ DN 6.5
5	DN7	DN 400-8	DN 600-part/ DN 6.5
6	DN17	DN 127	DN 200-part/ DN 20
7	PLATE	DN 100-3	DN 1000-3-Grade SUSSE
8	ANWZL	DN 1000-3 & DN 1000-6	DN 1000-3 & DN 1000-6 HD STEEL-CLAD SUSSE-CLAD

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

LIST OF BOLTS & NUTS & WASHERS INCLUDING 3% EXTRA			
LENGTH	QTY.	LENGTH	QTY.
M16x55mm	425	SD.SP WASHER	793
M16x40mm	153	3mm PACK W.	5
M16x30mm	161	5mm PACK W.	9
STEP BOLT	27	8mm PACK W.	5

DATE COMPLETED : 2012.04.21, 2012.04.22		DATE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE
AND SUBSEQUENT MODIFICATIONS TO LISTED MAP		DATE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE	SCALE
DRAWN BY : [Signature]		BY	DATE	DATE	DATE	DATE	DATE	DATE	DATE
CHECKED BY : [Signature]		CHECK	DATE	DATE	DATE	DATE	DATE	DATE	DATE

MODEL	YAS-30
DESCRIPTION	30 KW D.C. TRANSMISSION LINE
MANUFACTURER	YASZD REGIONAL ELECTRIC CO.
LOCATION	MONENGO IRAN CO.
DATE	NOV 68
STATUS	MAJOR
CLASS	CLASS
ALIAS	ALIAS
APPROVAL	
DATE APPROVED	
NO.	102/07/81
ISSUED BY	
REMARKS	