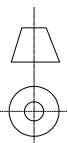




400/230 KV NORTHERN SITE INTERFACE S/S

TUBE CUTTING TABLES

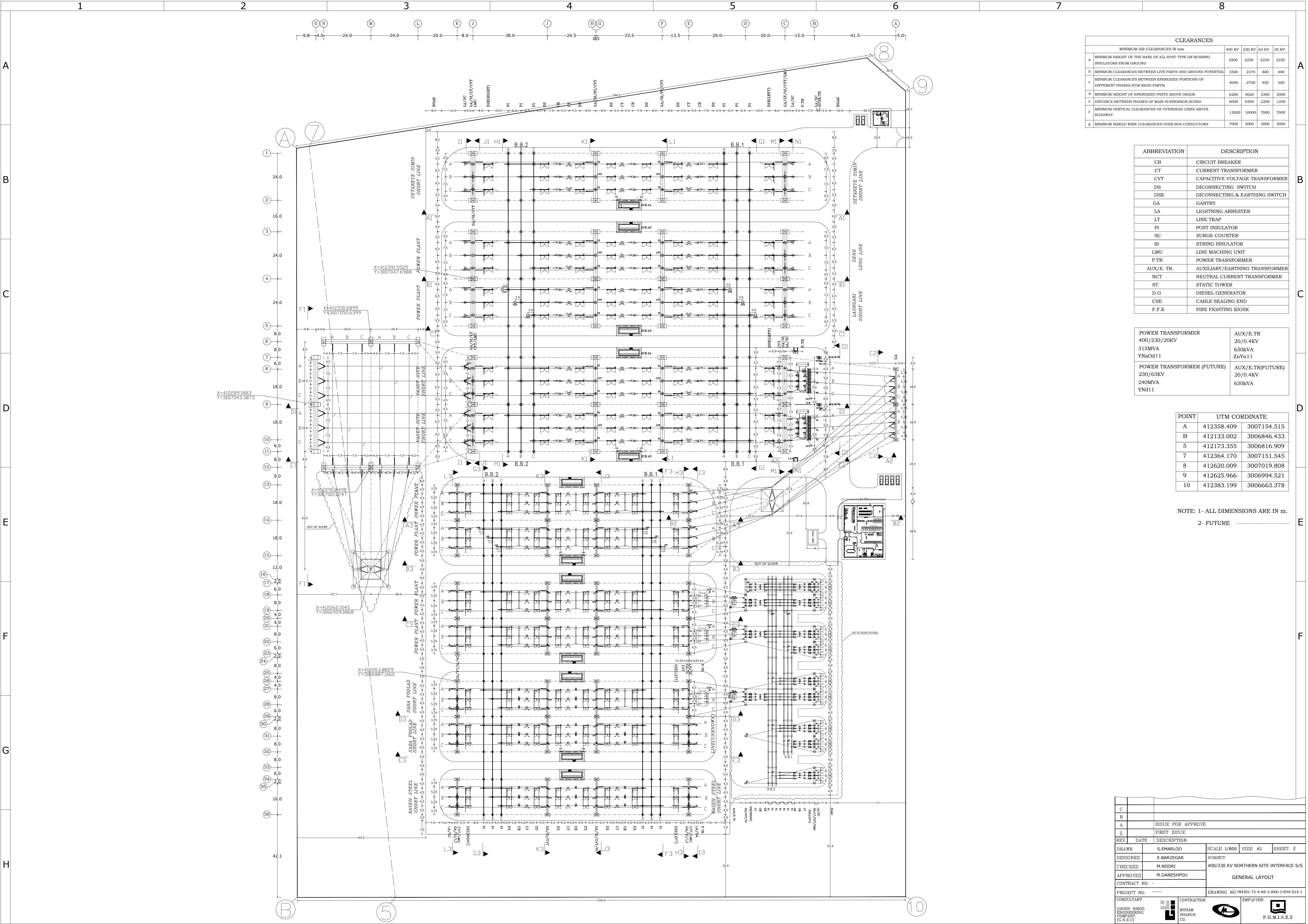
C					
B					
A		S.E	1403/09	ISSUE FOR APPROVE	
Z		S.E	1403/08	FIRST ISSUE	
REV.	VERIFIED	DRAWN	DATE	DESCRIPTION	
	DATE:	NAME:	SCALE: –	STANDARD:	
DRAWN	1403/09	S.EMARLOO	SUBJECT:	400/230 KV NORTHERN SITE INTERFACE S/S TUBE CUTTING TABLES	
DESIGNED	1403/09	E.BARZEGAR			
CHECKED	1403/09	M.NOORI			
APPROVED	1403/09	M.DANESHPOU			

CONTRACT NO:		DRAWING NO: 784301-TV-4-AS-2-KKK-3-EHV-015-1	
CONSULTANT:	CONTRACTOR:	CLIENT:	
GHODS NIROO ENGINEERING COMPANY (G.N.E.C)	 MOHAM SHARGH CO.	 P.G.M.I.S.E.Z	
CONSU. REF:	CONT. REF:	CLIEEN REF:	

1	2	3	4	5	6	7	8
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Page	Description	Revision		
		Z	A	B
0	COVER SHEET	✓	✓	
1	LIST OF CONTENTS	✓	✓	
2	GENERAL LAYOUT	✓	✓	
3	TUBE CUTTING 400KV	✓	✓	
4	TUBE CUTTING 230KV	✓	✓	

[illegible]



CLEARANCES				
MINIMUM AIR CLEARANCES IN mm				
	400 KV	230 KV	63 KV	20 KV
a	2500	2250	2250	2250
b	3500	2370	800	400
c	4000	2700	950	500
d	6200	4620	3300	3000
e	6000	4200	2200	1250
f	13000	10000	7000	7000
g	7000	5000	3000	3000

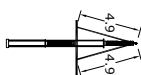
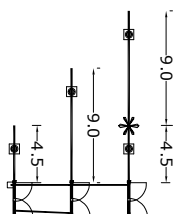
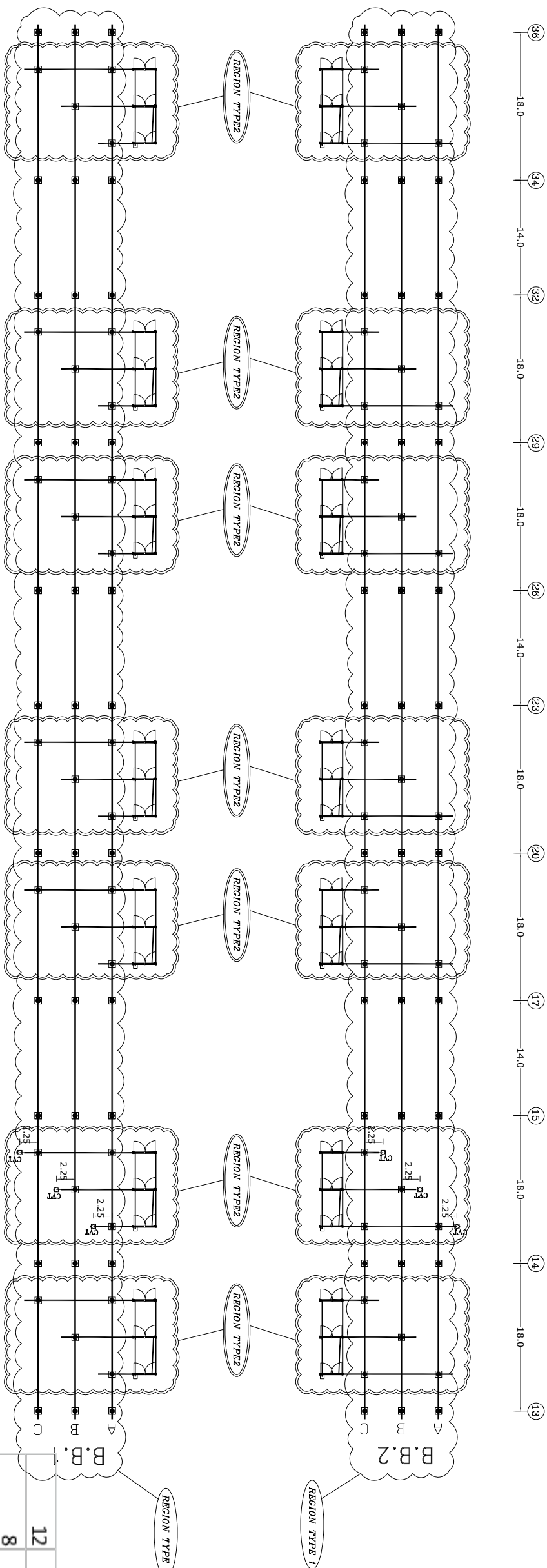
ABBREVIATION	DESCRIPTION
CB	CIRCUIT BREAKER
CT	CURRENT TRANSFORMER
CVT	CAPACITIVE VOLTAGE TRANSFORMER
DS	DICCONNECTING SWITCH
DSE	DICCONNECTING & EARTHING SWITCH
GA	GANTRY
LA	LIGHTNING ARRESTER
LT	LINE TRAP
PI	POST INSULATOR
SC	SURGE COUNTER
SI	STRING INSULATOR
LMU	LINE MACHING UNIT
P.TR.	POWER TRANSFORMER
AUX/E. TR.	AUXILIARY/EARTHING TRANSFORMER
NCT	NEUTRAL CURRENT TRANSFORMER
ST	STATIC TOWER
D.G	DIESEL GENERATOR
CSE	CABLE SEALING END
F.F.K	FIRE FIGHTING KIOSK

POWER TRANSFORMER 400/230/20KV 315MVA YNad11	AUX/E.TR 20/0.4KV 630kVA ZnYn11
POWER TRANSFORMER (FUTURE) 230/63KV 240MVA YNd11	AUX/E.TR(FUTURE) 20/0.4KV 630kVA

POINT	UTM CORDINATE	
A	412358.409	3007154.515
B	412133.002	3006846.433
5	412173.355	3006816.909
7	412364.170	3007151.545
8	412620.009	3007019.808
9	412625.966	3006994.521
10	412383.199	3006663.378

NOTE: 1- ALL DIMENSIONS ARE IN m.
2- FUTURE

C				
B				
A				
Z				
REV.	DATE	DESCRIPTION		
DRAWN	S.EMARLOO	SCALE: 1/800	SIZE: A1	SHEET: 2
DESIGNED	E.BARZEGAR	SUBJECT:		
CHECKED	M.NOORI	400/230 KV NORTHERN SITE INTERFACE S/S		
APPROVED	M.DANESHPOU	GENERAL LAYOUT		
CONTRACT NO:	-			
PROJECT NO:	----	DRAWING NO:784301-TV-4-AS-2-KKK-3-EHV-015-1		
CONSULTANT:	GHODS NIROO ENGINEERING COMPANY (G.N.E.C)	CONTRACTOR:	MOHAM SHARGH CO.	EMPLOYER:







12	30	360
8	9	72
7	6	42
6	6	36
9	28	252
4.9	84	411.6
4.5	28	126
		1299.6

TUBE CUTTING TABLE		
TYPE	LENGTH	QTY
200/6	12 m	30
	8 m	9
	7 m	6
120/6	6 m	6
	9 m	28
	4.9 m	84
	4.5 m	28

REGION TYPE 1
(NO: 1)
AL TUBE 200/6 mm

ALL DIMENSIONS ARE IN m.
WELDING JOINT: *

C		Consultant:		Employer:		Contractor:		<div><div></div><div><table><tr><th>Name</th><th>Date</th></tr><tr><td>S.EMARLOO</td><td>1403/09</td></tr><tr><td>E.BARZEGAR</td><td>1403/09</td></tr><tr><td>M.NOORI</td><td>1403/09</td></tr><tr><td>M.DANESHPOU</td><td>1403/09</td></tr></table></div></div>			Name	Date	S.EMARLOO	1403/09	E.BARZEGAR	1403/09	M.NOORI	1403/09	M.DANESHPOU	1403/09	Title:	Project:			Scale: 1 / 600
Name	Date																								
S.EMARLOO	1403/09																								
E.BARZEGAR	1403/09																								
M.NOORI	1403/09																								
M.DANESHPOU	1403/09																								
B								400/230 KV NORTHERN SITE INTERFACE S/S			Size: A3														
A	ISSUE FOR APPROVE	03/09	GHODS NIROO ENGINEERING COMPANY (G.N.E.C)	P.G.M.I.S.E.Z				Project No:		Sheet: 4															
Z	FIRST ISSUE	03/08						Contract No:		Next: —															
REV	Description.	DATE																							