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ROSTAMKOLA  
63/20 KV SUBSTATION  
PANEL ARANGMENT

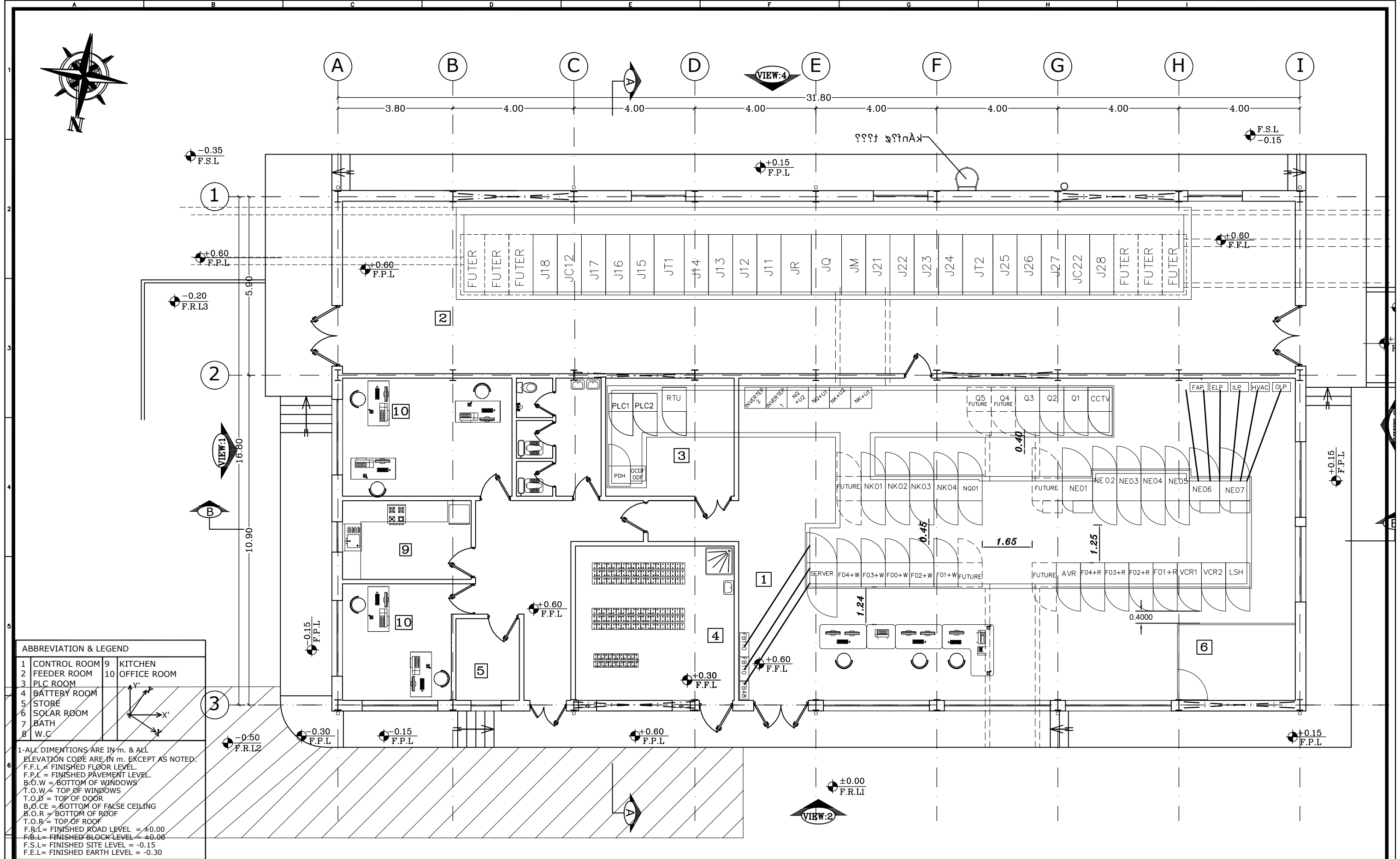
XXXX IN-HOUSE REVISION									
C									
B									
A	ACC TOILETTER NO:1404/17519502/38743	MOHAMMAD	MOHAMMAD	ABD	ABD	ABD	1404.08.19		
O	FIRST ISSUE	MOHAMMAD	MOHAMMAD	ABD	ABD	ABD	1403.04.31		
Rev.	DESCRIPTION	DRAWN	DESIGNED	CHKD.	HEAD	APPR.	DATE		

D									
C									
B									
A	ACC TOILETTER NO:1404/17519502/38743	MOHAMMAD	MOHAMMAD	MOHAMMAD	ABD	ABD	04.08.19		
O	FIRST ISSUE	MOHAMMAD	MOHAMMAD	MOHAMMAD	ABD	ABD	04.04.31		
Rev.	DESCRIPTION	DRAWN	DESIGNED	CHKD.	HEAD	APPR.	DATE		
									
PROJECT: ROSTAMKOLA 63/20KV AIS S/S									
TITLE: PANEL ARANGMENT									
OWNER'S DWG. NO. : MD1-BQ-16-SS-E-06-NQ0-036								REV. NO. : A	
SCALE : AS SHOWN		FORMAT : A3		FILE NO. :				SHEET: 0 OF:3	
CONTRACT NO. : MD1-BQ-16-SS-E-06-NQ0-036				DESIGN TYPE : BASIC DESIGN <input type="checkbox"/> DETAIL DESIGN <input type="checkbox"/>					
		SUB-CONTRACTOR'S LOGO							
MAZANDARAN REGIONAL ELECTRIC COMPANY (M.R.E.C)									
MAPNA'S DWG. NO. : MD1-BQ-16-SS-E-06-NQ0-036								REV. NO. : A	
SUB CONTRACTOR DWG. NO.:								A	







Row	Code	Description	Size[L*W*H] (cm)
1	=F01+W	63KV CONTROL PANEL	80*80*220
2	=F02+W	63KV CONTROL PANEL	80*80*220
3	=F00+W	63KV CONTROL PANEL	80*80*220
4	=F03+W	63KV CONTROL PANEL	80*80*220
5	=F04+W	63KV CONTROL PANEL	80*80*220
6	=F01+R	LINE PROTECTION PANEL	80*80*220
7	=F02+R	BAY TRANS PROTECTION PANEL	80*80*220
8	=F03+R	LINE PROTECTION PANEL	80*80*220
9	=F04+R	BAY TRANS PROTECTION PANEL	80*80*220
10	=VCR1,VCR2	VCR PROTECTION PANEL	80*80*220
11	=AVR	AVR PANEL	80*80*220
12	+NK01&+NK04	LVDC DISTRIBUTIONs PANEL	80*80*220
13	+NK02&+NK03	LVDC MAIN PANELs	80*80*220
14	+NE01	NONE ESSENTIAL&ESSENTIAL LVAC DISTRIBUTION PANEL	80*75*220
15	+NE02 & +NE03	LVAC MAIN PANELs	80*80*220
16	+NE04	LVAC BUSCOUPLER PANELs	80*80*220
17	+NE05	LVAC DIESEL GENERATOR PANELs	80*80*220
18	+NE06	ESSENTIAL&ESSENTIAL LVAC DISTRIBUTION PANEL	80*75*220
19	=+Q1	63KV BAYs METERING PANEL	80*80*220
20	=NK+R	110V FUSE BOX PANEL	80*30*60
21	=NQ+R	48V FUSE BOX PANEL	80*30*60
22	+NQ1	48V DC DISTRIBUTION PANEL	80*80*220
23	=NK+U	110V DC CHARGER	70*70*220
24	=NQ+U	48V DC CHARGER	70*70*220
25	+LSH	LOAD SHEDDING PANELs	80*80*220
26	+RTU	RTU PANEL	80*80*220
27	+HVI	HVI PANEL	80*80*220
28	+SERVER	SCADA PANEL	100*80*220
29	+PLC	PLC PANEL	80*60*220
30	+ODF/OCDF	SERVER PANEL	60*60*220
31	+PDH	FIBER OPTICAL CABLE PANEL	50*50*220
32	+SWITCH	SWITCH PANELs	60*60*220
33	=ILP	INDOOR LIGHTING PANEL	80*35*50
34	=ELP	DC EMERGENCY PANEL	80*35*50
35	=FAP	FIRE ALARM PANEL	50*35*50
36	=OLP	OUTDOOR LIGHTING PANEL	80*35*50
36	=HVAC	HVAC LIGHTING PANEL	80*35*50
37	=J11	20KV OUTGOING PFEEDER	800*2350*2000
38	=JT1	20KV INCOMING PFEEDER	1000*2350*2000
39	=JQ	20KV COUPLER PFEEDER	1000*2350*2000
40	=JR	20KV REISER PFEEDER	1000*2350*2000
41	=JM	20KV METERING PFEEDER	800*2350*2000
42	=JC	20KV CAPACITOR PFEEDER	800*2350*2000

<div></div> <div>MAZANDARAN REGIONAL ELECTRIC COMPANY (M.R.E.C)</div>	SUB-CONTRACTOR'S LOGO	E							DWG./Doc. No. MD1-BQ-16-SS-E-06-NQ0-036	SCALE :	<div></div> <div>Mapna Power Plants Construction &amp; Development Co(MD-1)</div>	<div></div> <div>MOHAM SHARGH CO.</div>	<div></div> <div>GHODS NIROO CONSULTING ENGINEERS</div>			
		SUB CONTRACTOR DWG. NO.:	C												DRAWING TITLE:  INDEX	REV. NO. : A
			B													
	A		NO:1404/17519502/39743	M.MOHAJERI	M.MOHAJERI	M.ATAEI	M.ATAEI	1404.08.19								
	O		FIRST ISSUE	M.MOHAJERI	M.MOHAJERI	M.ATAEI	M.ATAEI	1403.11.05								
	MAPNA'S DWG. No. : MD1-BQ-16-SS-E-06-NQ0-036	NIYAM'S LOGO	REV.	DESCRIPTION	DWN	DESN	CHKD	APPR	DATE	DESIGN STAGE :	FILE No.	FORMAT : A3	PROJECT : ROSTAMKOLA 63/20KV AIS S/S			



ABBREVIATION & LEGEND			
1	CONTROL ROOM	9	KITCHEN
2	FEEDER ROOM	10	OFFICE ROOM
3	PLC ROOM		
4	BATTERY ROOM		
5	STORE		
6	SOLAR ROOM		
7	BATH		
8	W.C		

1-ALL DIMENTIONS ARE IN m. & ALL ELEVATION CODE ARE IN m. EXCEPT AS NOTED.  
F.F.L = FINISHED FLOOR LEVEL.  
F.P.L = FINISHED PAVEMENT LEVEL.  
B.O.W = BOTTOM OF WINDOWS  
T.O.W = TOP OF WINDOWS  
T.O.D = TOP OF DOOR  
B.O.CE = BOTTOM OF FALSE CEILING  
B.O.R = BOTTOM OF ROOF  
T.O.R = TOP OF ROOF  
F.R.L = FINISHED ROAD LEVEL = ±0.00  
F.B.L = FINISHED BLOCK LEVEL = ±0.00  
F.S.L = FINISHED SITE LEVEL = -0.15  
F.E.L = FINISHED EARTH LEVEL = -0.30

<div> <b>MAZANDARAN REGIONAL ELECTRIC COMPANY (M.R.E.C)</b></div>	SUB-CONTRACTOR'S LOGO	E							DWG./Doc. No. MD1-BQ-16-SS-E-06-NQ0-036	SCALE :	<div> <b>Mapna Power Plants Construction &amp; Development Co(MD-1)</b></div>	<div> <b>MOHAM SHARGH CO.</b></div>	<div> <b>GHODS NIROO CONSULTING ENGINEERS</b></div>
	SUB CONTRACTOR DWG. NO.:	D											
		C											
		B											
		A	NO:1404/17519502/39743	M.MOHAJERI	M.MOHAJERI	M.ATAEI	M.ATAEI	1404.08.19					
MAPNA'S DWG. No. : MD1-BQ-16-SS-E-06-NQ0-036	NIYAM'S LOGO	O	FIRST ISSUE	M.MOHAJERI	M.MOHAJERI	M.ATAEI	M.ATAEI	1403.11.05	DRAWING TITLE: <b>PANNEL ARRANGMENT PLAN</b>	REV. NO. : A SHEET: 3 OF: 3	PROJECT : <b>ROSTAMKOLA 63/20KV AIS S/S</b>		
DESIGN STAGE :		FILE No.	FORMAT : A3										
REV.		DESCRIPTION	DWN	DESN	CHKD	APPR	DATE						