

LEGEND

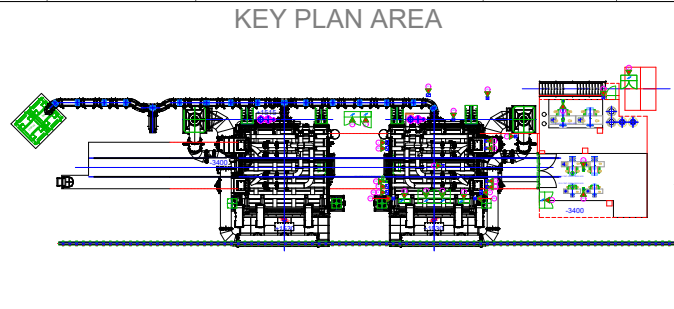
ELECTRICAL PANEL

ELECTRICAL MOTOR

LOCAL CONTROL BOX (LCB)

INSTRUMENT JUNCTION BOX

Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level
1	r41.31-3311-TMT-GEN01-PCP01	TMT main power control panel	2800x2000x600	E-Room
2	r41.31-3311-TMT-GEN01-LCP01	TMT general local control panel	800x2000x400	+0,000
3	r41.31-3311-TMT-ESR00-RC001	TMT energysources remote I/O: fans technical room	1200x1200x400	-3,400
4	r41.31-3311-TMT-ESR00-RC002	TMT energysources remote I/O: main gas & O2 skid	1200x1200x400	+3,700
5	r41.31-3311-TMT-CBS01-RC001	Combustion area remote IO #1	1200x1200x400	+3,700
6	r41.31-3311-TMT-MCH01-RC001	Auxiliaries remote IO	1200x1200x400	+4,700
7	r41.31-3311-TMT-MCH01-LCB01	Roof access local control box	200x150x80	+1,500
8	r41.31-3311-TMT-MCH01-LCB02	Main door local control box	200x150x80	+2,500
9	r41.31-3311-TMT-MCH01-LCB03	Bath TC control local control box	300x300x210	+1,500
10	r41.31-3311-TMT-MCH01-LCB04	Side door local control box	300x300x210	+2,500
11	r41.31-3311-TMT-MCH01-LCB05	Tilting & spout control local control box	200x150x80	+2,500
12	r41.31-3311-TMT-CBS01-UB01	Burners roof area instrumentation junction box	500x500x210	+4,700
13	r41.31-3311-TMT-CBS01-UB02	Burner #1 instrumentation junction box	500x500x210	+3,200
14	r41.31-3311-TMT-CBS01-UB03	Burner #2 instrumentation junction box	500x500x210	+3,200
15	r41.31-3311-TMT-MCH01-UB01	Left side door instrumentation junction box	300x300x210	+4,700
16	r41.31-3311-TMT-MCH01-UB02	Right side door instrumentation junction box	300x300x210	+4,700
17	r41.31-3311-TMT-MCH01-UB03	Chimney instrumentation junction box	300x300x210	+7,000
18	r41.31-3311-TMT-MCH01-UB04	Spout cover instrumentation junction box	300x300x210	+3,000
19	r41.31-3311-TMT-ESR00-UB01	Combustion gas main skid instrumentation junction box	400x500x210	+3,700
20	r41.31-3311-TMT-ESR00-UB01	Compressed air main skid instrumentation junction box	400x500x210	+3,700
21	r41.31-3311-TMT-ESR10-DSS01	Combustion Fan disconnecter switch	300x250x150	-3,400
22	r41.31-3311-TMT-ESR10-DSS01	Pilot Combustion Fan disconnecter switch	200x150x120	-3,400
23	r41.31-3311-TMT-ESR10-DSS01	Exhaust fan disconnecter switch	500x400x300	-3,400
24	r41.31-3311-TMT-ESR10-DSS01	Bath thermocouple retraction motor disconnecter switch	150x150x120	+1,500
25	r41.31-3311-TMT-CV/T01-PCP01	Monitoring camera power control panel #01	1000x500x300	+4,700
26	r41.31-3311-TMT-CV/T01-PCP02	Monitoring camera power control panel #02	1000x500x300	+4,700
27	r41.31-3311-SFS-GEN01-PCP01	STAS RFI power control panel	1200x2100x500	+0,000
28	r41.31-3311-TMT-CV/T01-LCB01	Monitoring camera local control box #01	200x200x200	+4,700
29	r41.31-3311-TMT-CV/T01-LCB02	Monitoring camera local control box #02	200x200x200	+4,700



A		2025/08/11	Initial release	INGA	INGA	JOCA
Rev.	Date	Revisions description		Designed	Drawn	Approved
CONTRACTOR			CONTRACTOR dwg number		Rev.	
insertec			2558-3311-TMT-E-DWG-EEAL		B	
CLIENT			CLIENT dwg number		Rev.	
AL INVEST			-		-	
Project Name						
ALFAGEN						
Title						Scale 1:75
Equipment Electrical Arrangement Layout - 3311 Melter Furnace 35Tn						
DESIGNED: ANSA		DRAWN: ANSA		APPROVED: RORI		Format A1
DATE: 02/12/2025		DATE: 02/12/2025		DATE: 02/12/2025		Sheet 1 of 1