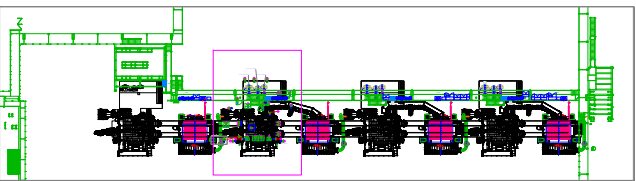


- LEGEND
- ELECTRICAL PANEL
- ELECTRICAL MOTOR
- LOCAL CONTROL BOX (LCB)
- INSTRUMENT JUNCTION BOX

Item Nbr	Cabinet Name	Description	Tempatative dimensions (WxHxD)	Level
1	r44.31-3322-TMT-GEN01-PCW01	TMT main power control panel	3400x2200x600	E-Room
2	r44.31-3322-TMT-GEN01-LCP01	TMT general local control panel	800x2000x400	+0,000
3	r44.31-3322-TMT-ESR00-RI001	TMT energy sources remote I/O: main gas & O2 skid	1200x1200x400	+3,400
4	r44.31-3322-TMT-ESR00-RI002	TMT energy sources remote I/O: main gas & O2 skid	1200x1200x400	+5,100
5	r44.31-3322-TMT-CB001-RI001	Combustion area remote IO	1200x1200x400	+4,700
6	r44.31-3322-TMT-MCH01-RI001	Auxiliaries remote IO	1200x1200x400	+4,700
7	r44.31-3322-TMT-MCH01-LCB01	Roof access local control box	200x150x400	+1,500
8	r44.31-3322-TMT-MCH01-LCB02	Main door local control box	200x150x400	+1,500
9	r44.31-3322-TMT-MCH01-LCB03	Bath TC local control box	300x300x210	+4,700
10	r44.31-3322-TMT-MCH01-LCB04	Side door local control box	300x300x210	+1,500
11	r44.31-3322-TMT-MCH01-LCB05	Tilting & spout local control box	200x150x400	+1,500
12	r44.31-3322-TMT-CB01-IJB01	Burners roof area instrumentation junction box	500x500x210	+4,700
13	r44.31-3322-TMT-CB01-IJB02	Burner #1 instrumentation junction box	500x500x210	+1,200
14	r44.31-3322-TMT-CB01-IJB03	Burner #2 instrumentation junction box	500x500x210	+1,200
15	r44.31-3322-TMT-MCH01-IJB01	Left side door instrumentation junction box	300x300x210	+4,700
16	r44.31-3322-TMT-MCH01-IJB02	Right side door instrumentation junction box	300x300x210	+4,700
17	r44.31-3322-TMT-MCH01-IJB03	Chimney instrumentation junction box	300x300x210	+7,000
18	r44.31-3322-TMT-MCH01-IJB04	Spout cover instrumentation junction box	300x300x210	+3,700
19	r44.31-3322-TMT-ESR20-IJB01	Combustion gas main skid instrumentation junction box	400x300x210	+5,100
20	r44.31-3322-TMT-ESR10-IJB01	Compressed air main skid instrumentation junction box	400x300x210	+5,100
21	r44.31-3322-TMT-ESR10-DS01	Combustion Fan disconnect switch	300x250x150	-3,400
22	r44.31-3322-TMT-ESR70-DS01	Pilot Combustion fan disconnect switch	200x150x120	-3,400
23	r44.31-3322-TMT-ESR90-DS01	Exhaust fan disconnect switch	500x400x120	-3,400
24	r44.31-3322-TMT-MCH01-DS01	Bath thermocouple retraction motor disconnect switch	150x150x120	+4,700
25	r44.31-3322-TMT-CVT01-PCP01	Monitoring camera power control panel #01	1000x500x300	+4,700
26	r44.31-3322-TMT-CVT01-PCP02	Monitoring camera power control panel #02	1000x500x300	+4,700
27	r44.31-3322-SFS-GEN01-PCP01	STAS RFI power control panel	1200x2100x500	+0,000
28	r44.31-3322-TMT-GEN01-PCP01	Plant cable routing power distribution panel	1200x2100x500	-3,400
29	r44.31-3322-TMT-CVT01-LCB01	Monitoring camera local control box#01	200x200x200	+4,700
30	r44.31-3322-TMT-CVT01-LCB02	Monitoring camera local control box#02	200x200x200	+4,700
31	r44.31-3322-TMT-CB01-BCU01	Burner Control Unit #01	300x300x200	+4,700
32	r44.31-3322-TMT-CB01-BCU02	Burner Control Unit #02	300x300x200	+4,700
33	r44.31-3322-TMT-LAN01-IJB01	Dam instrumentation junction box	300x300x200	+1,200

KEY PLAN AREA



A	2025/11/28	Initial release	ANSA	ANSA	RORI
Rev.	Date	Revisions description	Designed	Drawn	Approved
CONTRACTOR			CONTRACTOR dwg number		Rev.
			2558-3322-TMT-E-DWG-EEAL		A
CLIENT			CLIENT dwg number		Rev.
Project Name			ALFAGEN		
Title			Equipment Electrical Arrangement Layout - 3322 Melter Furnace 25Tn		
DESIGNED: ANSA			DRAWN: ANSA		Scale 1:75
DATE: 2025/11/28			DATE: 2025/11/28		Format A1
			DATE: 2025/11/28		Sheet 1 of 1