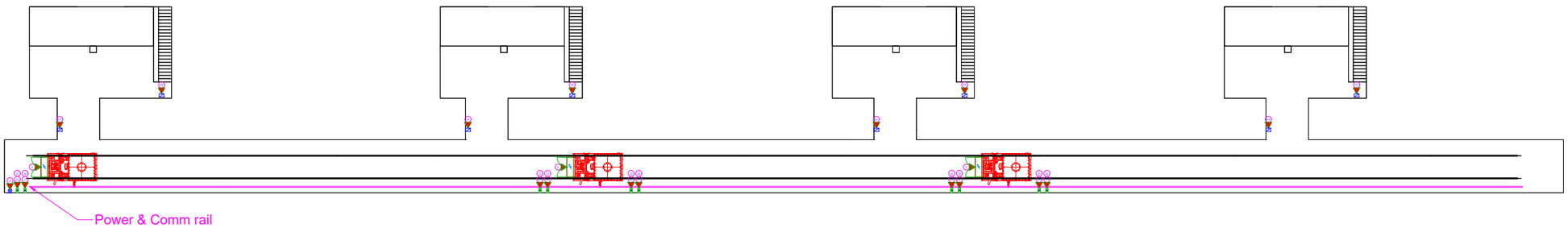
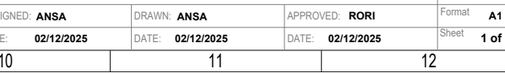


LEGEND

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

Item Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level
1	r43.62-3321-HGS-GEN00-PCP01	HGS main Power & control panel	1600x2000x600	E-Room
2	r43.62-3321-HGS-TRS01-PIO01	3321 TRS Power IO panel	1600x2000x600	-2,000
3	r43.62-3322-HGS-TRS01-PIO01	3322 TRS Power IO panel	1600x2000x600	-2,000
4	r43.62-3323-HGS-TRS01-PIO01	3323 TRS Power IO panel	1600x2000x600	-2,000
5	r43.62-3321-HGS-GEN00-DSS01	PMS 400V busbar disconnector switch box Zone#01	300x250x150	-2,000
6	r43.62-3321-HGS-GEN00-DSS02	PMS 400V busbar disconnector switch box Maintenance#01	300x250x150	-2,000
7	r43.62-3321-HGS-GEN00-DSS03	PMS 400V busbar disconnector switch box Zone#02	300x250x150	-2,000
8	r43.62-3321-HGS-GEN00-DSS04	PMS 400V busbar disconnector switch box Maintenance#02	300x250x150	-2,000
9	r43.62-3321-HGS-GEN00-DSS05	PMS 400V busbar disconnector switch box Zone#03	300x250x150	-2,000
10	r43.62-3321-HGS-GEN00-DSS06	PMS 230V busbar disconnector switch box Zone#01	300x250x150	-2,000
11	r43.62-3321-HGS-GEN00-DSS07	PMS 230V busbar disconnector switch box Maintenance#01	300x250x150	-2,000
12	r43.62-3321-HGS-GEN00-DSS08	PMS 230V busbar disconnector switch box Zone#02	300x250x150	-2,000
13	r43.62-3321-HGS-GEN00-DSS09	PMS 230V busbar disconnector switch box Maintenance#02	300x250x150	-2,000
14	r43.62-3321-HGS-GEN00-DSS10	PMS 230V busbar disconnector switch box Zone#03	300x250x150	-2,000
15	r43.62-3321-HGS-GEN00-CJB01	Data rail communication junction box	500x500x300	-2,000
16	r43.62-3321-HGS-GEN00-LCB01	PMS 400V busbar energy indicator local control box Zone#01	80x180x80	-2,000
17	r43.62-3321-HGS-GEN00-LCB02	PMS 400V busbar energy indicator local control box Maintenance#01	80x180x80	-2,000
18	r43.62-3321-HGS-GEN00-LCB03	PMS 400V busbar energy indicator local control box Zone#02	80x180x80	-2,000
19	r43.62-3321-HGS-GEN00-LCB04	PMS 400V busbar energy indicator local control box Maintenance#02	80x180x80	-2,000
20	r43.62-3321-HGS-GEN00-LCB05	PMS 400V busbar energy indicator local control box Zone#03	80x180x80	-2,000
21	r43.62-3321-HGS-GEN00-LCB06	PMS 230V busbar energy indicator local control box Zone#01	80x180x80	-2,000
22	r43.62-3321-HGS-GEN00-LCB07	PMS 230V busbar energy indicator local control box Maintenance#01	80x180x80	-2,000
23	r43.62-3321-HGS-GEN00-LCB08	PMS 230V busbar energy indicator local control box Zone#02	80x180x80	-2,000
24	r43.62-3321-HGS-GEN00-LCB09	PMS 230V busbar energy indicator local control box Maintenance#02	80x180x80	-2,000
25	r43.62-3321-HGS-GEN00-LCB10	PMS 230V busbar energy indicator local control box Zone#03	80x180x80	-2,000
26	r43.62-3321-HGS-GEN00-LCB11	3321 area technical room access local control box	80x180x80	-2,000
27	r43.62-3321-HGS-GEN00-LCB12	3321 area HGS corridor access local control box	80x180x80	-2,000
28	r43.62-3321-HGS-GEN00-LCB13	3322 area technical room access local control box	80x180x80	-2,000
29	r43.62-3321-HGS-GEN00-LCB14	3322 area HGS corridor access local control box	80x180x80	-2,000
30	r43.62-3321-HGS-GEN00-LCB15	3323 area technical room access local control box	80x180x80	-2,000
31	r43.62-3321-HGS-GEN00-LCB16	3323 area HGS corridor access local control box	80x180x80	-2,000
32	r43.62-3321-HGS-GEN00-LCB17	3324 area technical room access local control box	80x180x80	-2,000
33	r43.62-3321-HGS-GEN00-LCB18	3324 area HGS corridor access local control box	80x180x80	-2,000

KEY PLAN AREA



Rev.	Date	Revisions description	Designed	Drawn	Approved
A	02/12/2025	Initial release	ANSA	ANSA	RORI

CONTRACTOR: insertec Furnaces & Refractories

CONTRACTOR dwg number: 2558-3321-HGS-E-DWG-EEAL — Rev. A

CLIENT: AL INVEST

CLIENT dwg number: - — Rev. -

Project Name: **ALFAGEN**

Title: **Equipment Electrical Arrangement Layout - 3321 PMS System**

Scale: 1:50

DESIGNED:	DRAWN:	APPROVED:	Format
ANSA	ANSA	RORI	A1
DATE: 02/12/2025	DATE: 02/12/2025	DATE: 02/12/2025	Sheet 1 of 1