+5100

+3400

Main nat. gas skid

332x-MHL-LAN01-HTE02-M01

332x-MHL-LAN01-HTE02-H01

332x-MHL-LAN01-HTE01-M01

332x-MHL-LAN01-HTE01-H01

332x-THD-HCH01-HTE04-H03
332x-THD-HCH01-HTE04-H02
332x-THD-HCH01-HTE04-H01
332x-THD-HCH01-HTE03-H03
332x-THD-HCH01-HTE03-H02
332x-THD-HCH01-HTE03-H01
332x-THD-HCH01-HTE02-H03
332x-THD-HCH01-HTE02-H02
332x-THD-HCH01-HTE02-H01
332x-THD-HCH01-HTE01-H03
332x-THD-HCH01-HTE01-H02
332x-THD-HCH01-HTE01-H01

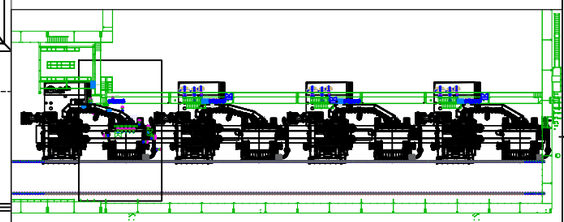
3321-THD-MCH01-TEX01-M01

LEGEND

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

Item Nbr	Cabinet Type	Cabinet Type Nbr	Cabinet Name	Description	Temptative dimensions (WxHxD)	Level
1	PCP	01	st3.41-3321-THD-GEN01-PCP01	Main power control panel	4200x2000x600	E-Room
2	LCP	01	st3.41-3321-THD-GEN01-LCP01	General local control panel	800x1800x400	+0,000
3	PDP	01	st3.41-3321-THD-GEN01-PDP01	General power distribution panel	1200x1200x400	+0,000
4	RIO	01	st3.41-3321-THD-HCH01-RIO01	Holding chamber remote IO	1200x1200x400	+4,700
5	LCB	01	st3.41-3321-THD-HCH01-LCB01	Roof access local control box	80x175x80	+1,200
6	LCB	02	st3.41-3321-THD-HCH01-LCB02	Main door local control box	80x175x80	+1,200
7	LCB	03	st3.41-3321-THD-HCH01-LCB03	Bath TC local control box	300x300x210	+4,700
8	IJB	01	st3.41-3321-THD-ESR50-IJB01	Compressed air instrumentation junction box	300x300x100	+5,100
9	IJB	01	st3.41-3321-THD-HCH01-IJB01	Hood instrumentation junction box	300x300x210	+7,000
10	IJB	02	st3.41-3321-THD-HCH01-IJB02	Output spout instrumentation junction box	300x300x210	+3,000
11	DSS	01	st3.41-3321-THD-HCH01-DSS01	Furnace Heating system disconnector switch box #01	600x600x400	+4,700
12	DSS	02	st3.41-3321-THD-HCH01-DSS02	Furnace Heating system disconnector switch box #02	600x600x400	+4,700
13	DSS	03	st3.41-3321-THD-HCH01-DSS03	Furnace Heating system disconnector switch box #03	600x600x400	+4,700
14	DSS	04	st3.41-3321-THD-HCH01-DSS04	Furnace Heating system disconnector switch box #04	600x600x400	+4,700
15	DSS	05	st3.41-3321-THD-HCH01-DSS05	Bath TC disconnector switch	200X150X120	+3,500
16	LCB	01	st3.41-3321-MHL-LAN00-LCB01	Launders local control box	500x500x300	+1,200
17	IJB	01	st3.41-3321-MHL-LAN01-IJB01	Launder#01 instrumentation junction box #01	500x500x300	+1,200
18	DSS	01	st3.41-3321-MHL-LAN01-DSS01	Launder#01 heater and blower disconnector switch #01	200X150X120	+1,400
19	DSS	02	st3.41-3321-MHL-LAN01-DSS02	Launder#01 heater and blower disconnector switch #02	200X150X120	+1,400

KEY PLAN AREA



Rev.	Date	Revisions description	Designed	Drawn	Approved
A	2025/08/12	Initial release	INGA	INGA	JOCA

CONTRACTOR: insertec Furnaces & Refractories

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

CLIENT: AL INVEST BIDASOA, S.A.

CLIENT dwg number: - — Rev. -

Project Name: ALFAGEN

Title: Equipment Electrical Arrangement Layout - 3321 Holder Furnace 25Tn

Scale: 1:50

Format: A1

Sheet: 1 of 1

DESIGNED	DRAWN	APPROVED
ANSA	ANSA	RORI
DATE: 2025/11/28	DATE: 2025/11/28	DATE: 2025/11/28