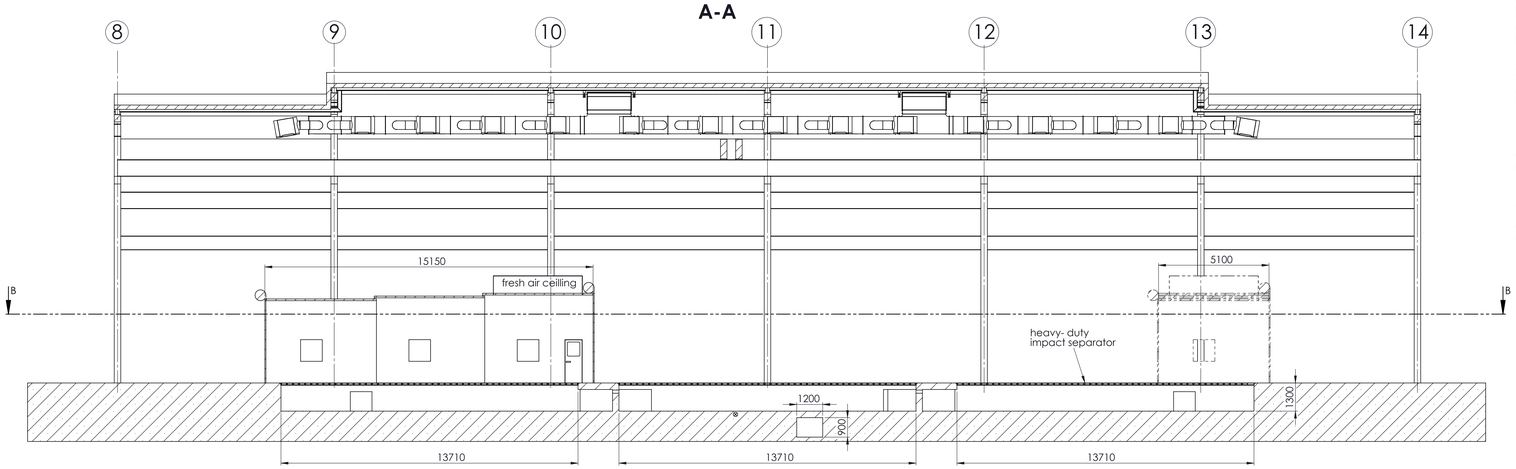

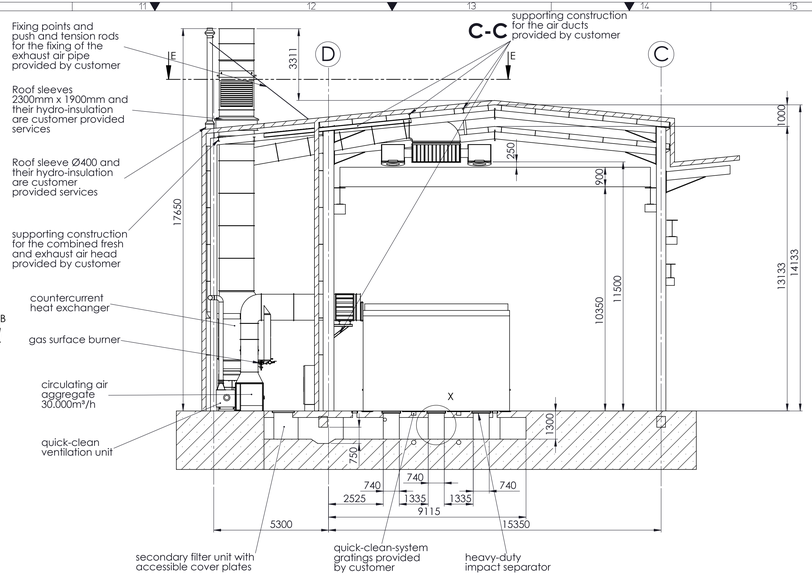

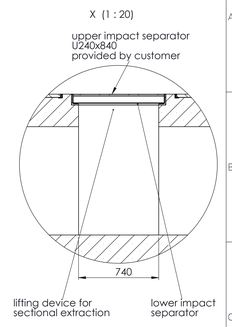

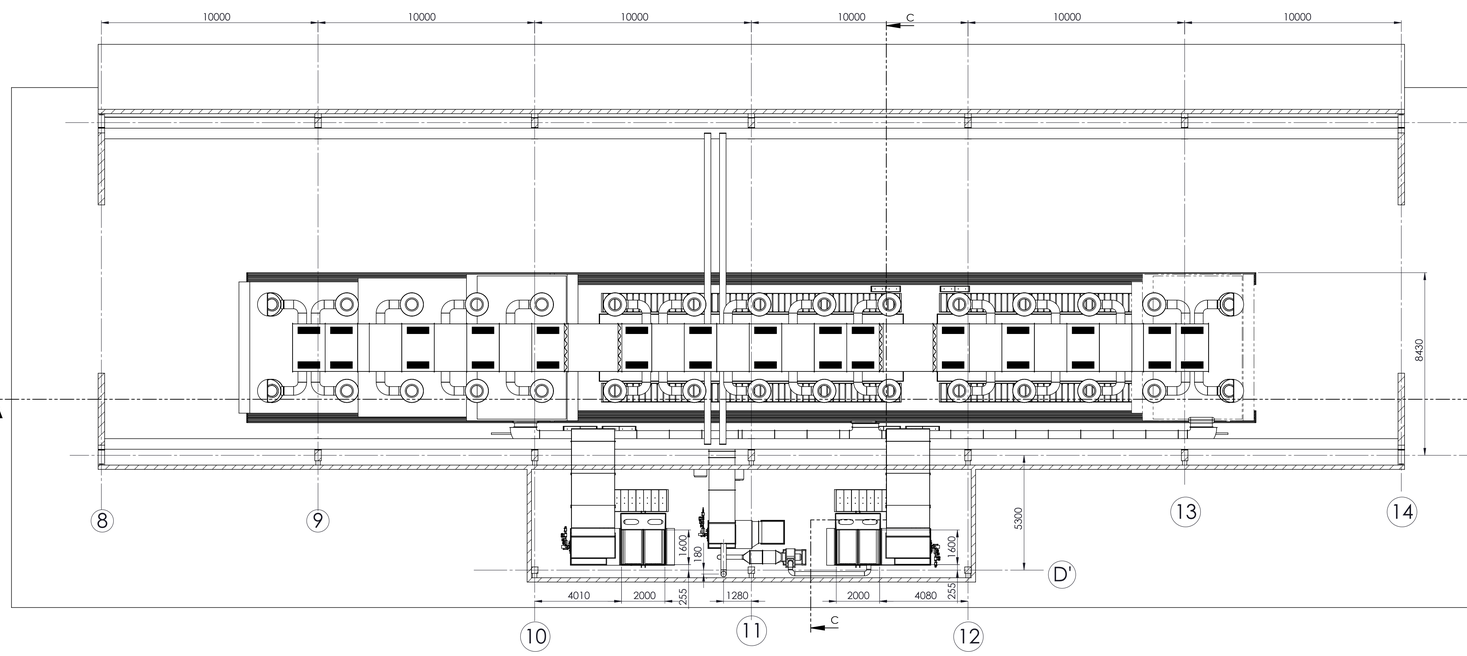

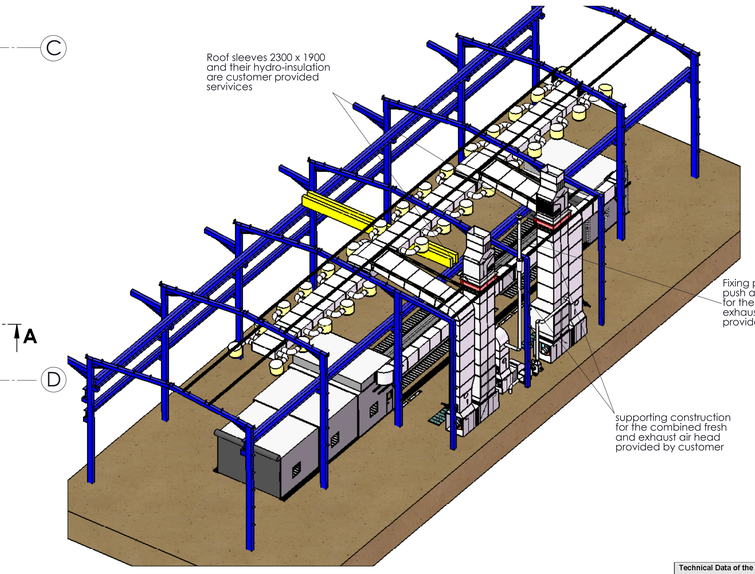

Customer provided supplies

Electric supply:

E1 Power supply into the switch box from the bottom

400V; 50Hz; 3Ph N PE
Total connected load: approx. 130 kW

Compressed air supply:

P1 Compressed air connection R1/2" for pneumatic switch box
incl. stop valve on a height of +1500mm from the floor

Compressed air quality:
min. 4 bar to max. 8 bar,
filtered, dried, deoiled

P2 Compressed air connection R1/2" for spraying air
incl. stop valve on a height of +1500mm from the floor

Compressed air quality:
min. 4 bar to max. 8 bar,
filtered, dried, deoiled

Gas supply:

G1 / G2 Gas connection R 1“ for air heater to +2000 mm
incl. upwards stop valve

Installed heating capacity: 270 kW
Fuel: Propane gas
Flow pressure: 30 – 50 mbar
Max. gas consumption: approx. 30 m³/h

G3 Gas connection R 3/4“ for air heater to +2000 mm
incl. upwards stop valve

Installed heating capacity: 200 kW
Fuel: Propane gas
Flow pressure: 30 - 50 mbar
Max. gas consumption: approx. 25 m³/h

Condensate discharge for optionally heat recovering system:

A1 / A2 Connection 2 x R1“ for heat recovery
Max. condensate arising:
approx.100ltr/h

Customer’s approval:

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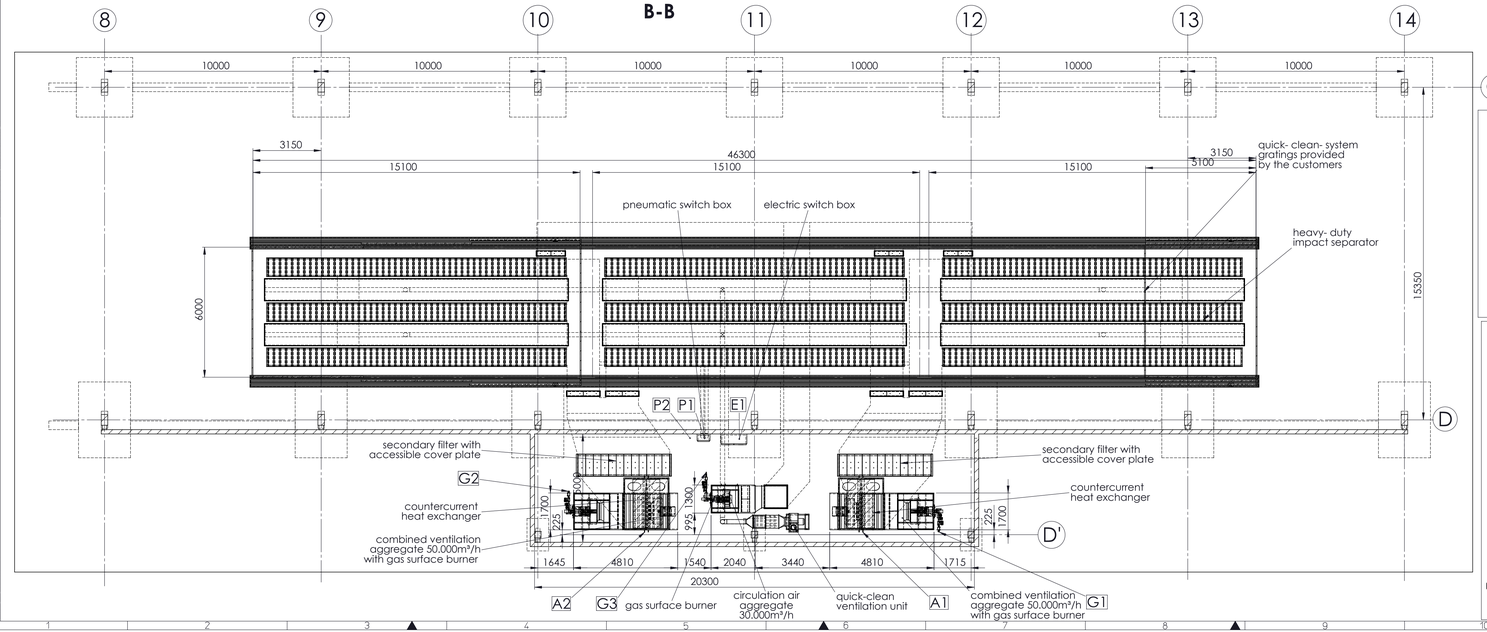
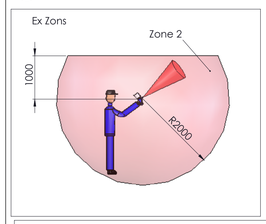
☐ 2. Requests for modification and/or correction of dimensions have been clearly marked on this copy.
3. Considering the installation site we verified the dimensions such as heights, widths and lengths and agree to them. The safety distance between the machine and the bridge crane (if existing) corresponds to the regulations for prevention of accidents and to the regulations of the VBG 9 § 11.
4. The insertion of the machine into our building is guaranteed without problems by adequately dimensioned openings.
5. The provision of sufficient compressed air, current, heating media, water and consumables is guaranteed until the commissioning of the machine.

Place:______________Date:________________________________
Stamp / Signature

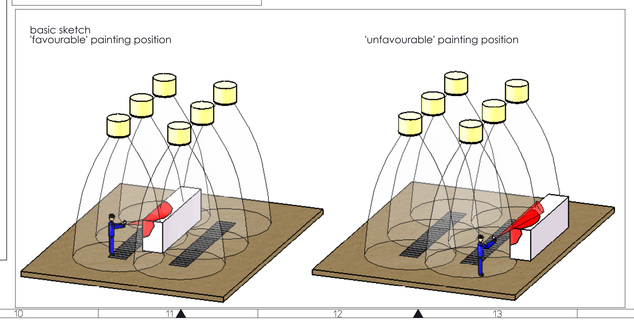




Technical Data of the Movable telescopic dryer

Inside dimensions:	Length parked position:	5.300	mm
	Length completely extended:	15.000	mm
	Width (smallest segment):	5.900	mm
	Height (smallest segment)	4.000	mm
Circulating air/ drying operation	Air power[1]	30.000	m³/h
	Motor power:	15,0	kW
	Number of revolutions:	970	1/min
	Drying temperature approx.	60	°C
	Exhaust air quantity[2]	1.000	m³/h
Installed heating capacity:		200	kW
Heating media:	Propane gas – Flow pressure:	30 - 50	mbar
Travelling speed	approx.	5	m/min
Travel way	approx.	45	m
Wheel set actuation	Electrical power approx.	4 x 1,1	kW
Operating voltage	3-Phase N PE	400 / 50	V / Hz
Control voltage	1-Phase N PE	230 / 50	V / Hz
Noise level:	(In the area of the cabin)	< 80	dB(A)
	measured acc. to DIN 45635, noise measurements on machines „using the surface reflection method“ under free field conditions. The assessment level at the workplace acc. to VBG 121 and DIN 45645 may be higher due to background noises and/or room reflection.		

Note
[1] Acc. to DIN 24166 Precision class 3.
[2] The actual exhaust air quantity in the circulating air/drying operation will be calculated in individual case.



Technical Data of the Open-space painting system

Inside dimensions:	Length:	45.000	mm
	Width:	6.000	mm
	Height between working level and lower edge of the bridge crane:	approx. 7.000	mm
No. of painters:	max.	1	
No. of painting sections	installed max.	3	
Fresh air ventilator:	Air capacity:	2 x 50.000	m³/h
	Motor power:	2 x 18,5	kW
	Number of revolutions:	970	1/min
Exhaust air ventilator:	Air capacity:	2 x 50.000	m³/h
	Motor power:	2 x 18,5	kW
	Number of revolutions:	970	1/min
Air sinking speed[2]:	(in the working section)	0,3	m/s
Filter unit:	Pre-filter G3	86	%
	Fine filter EU 5	98	%
	Separation efficiency 1st filter step impact separators approx.	70	%
	Separation efficiency 2nd filter step paint mist separators	98	%
	Max. paint throughput[2]	25	kg/h
Division of the painting area	acc. to DIN EN 12215	EX-Zone 2	
Installed heating capacity:	Heat recovery system considered!	2 x 270	kW
Heating media:	Propane gas – Flow pressure:	30 - 50	mbar
Fresh air heating:	from	- 5	°C
	to max.	+ 20	°C
Illumination:	provided by the customer		
Electric supply:	Three-phase network 3Ph N PE		
	Total connected load	approx. 130	kW
	Operating voltage	400/50	V/Hz
	Control voltage	DC 24	V
Noise level:	(In the area of the open space painting system)	< 80	dB(A)
	measured acc. to DIN 45635, noise measurements on machines „using the surface reflection method“ under free field conditions. The assessment level at the workplace acc. to VBG 121 and DIN 45645 may be higher due to background noises and/or room reflection.		

Note
[1] Acc. to DIN 24166 Precision class 3.
[2] Calculation basis: 50% solids with 50% solvents (water/organic), with 40% overspray acc. to the limit value of the TA- Luft (3 mg/m³ organic dust emission in the exhaust volume flow). The maximum solvent emission /h for the new painting system is to be agreed with the appropriate authorities. In case of exceeding the admissible threshold value an exhaust air cleaning system or the application of a reduction plan is absolutely necessary.
[3] We require a gas analysis as well as the existing flow pressure.

Materialnummer:	Norm:	Material:	Außenabmessungen:	Gewicht in Kg:

CAD Original
Änderungen nur über CAD zulässig!

Oberflächenbeschaffenheit ISO 1302
indicating surface

Allgemeintoleranzen / General tolerances ISO 2768
für Längen- und Winkelmaße/for linear and angular dimensions:
☐ m mittel ☐ c grob ☐ v sehr grob
~~für spanend bearbeitete Teile / for cutting parts ISO 2768 -m~~
für Form und Lage / for geometrical tolerances for features:
☐ H ☐ K ☐ L

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2007	Datum date	Name name
Gez:	04.09.2007	JdH
Gepr:	19.01.2008	JdH
Norm:		

Ausg. issue	Änderung modification	Datum date	Name name
20		19.01.08	JdH

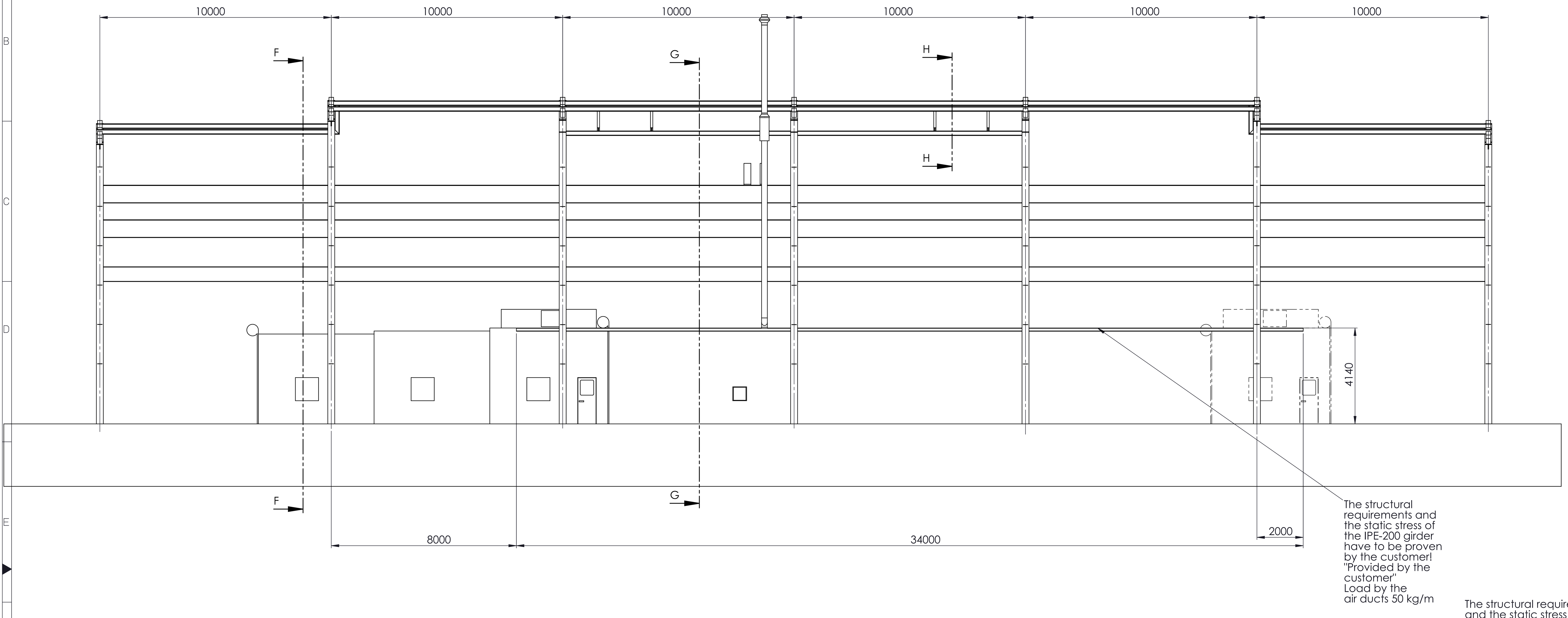
Ursprung: –
Ersatz für:
Ersetzt durch:

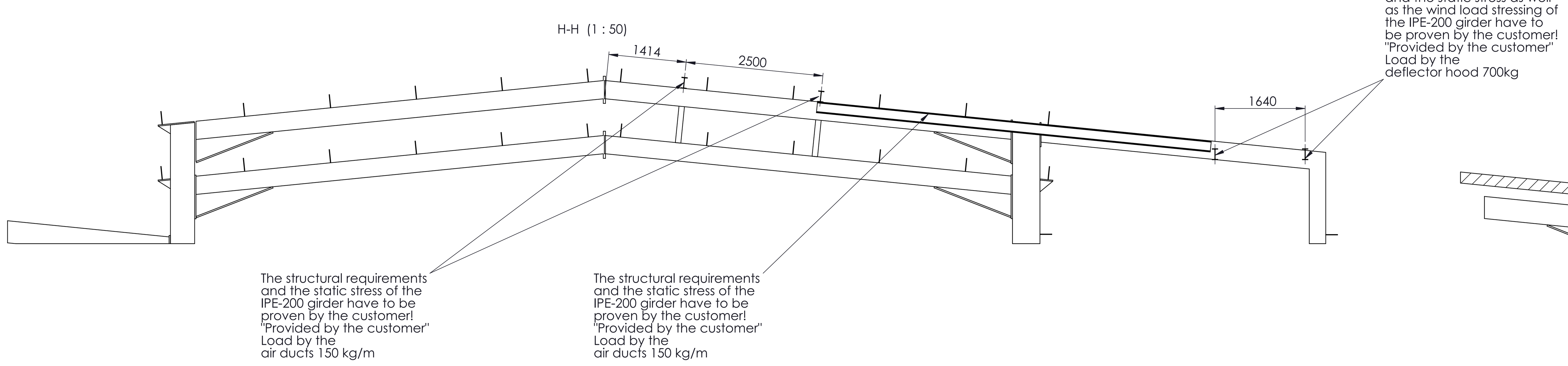
Installation Plan

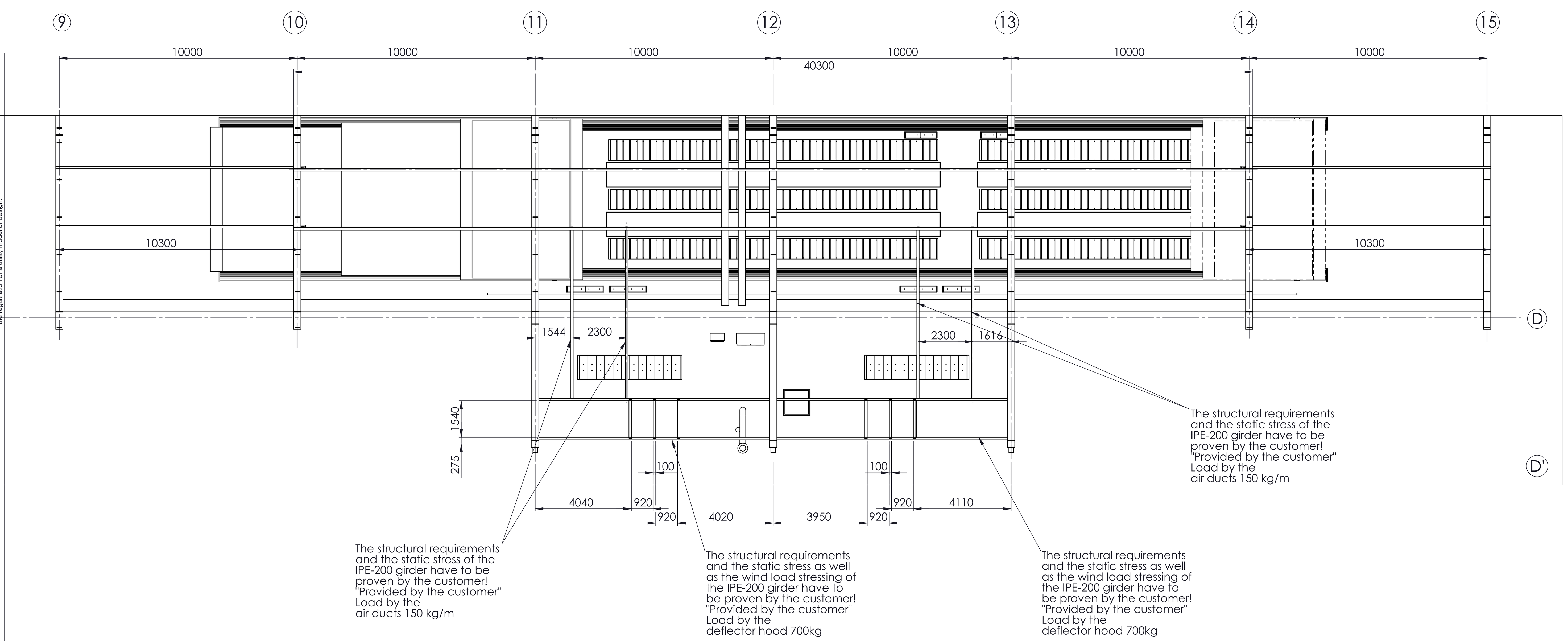
FFLP with Dryer

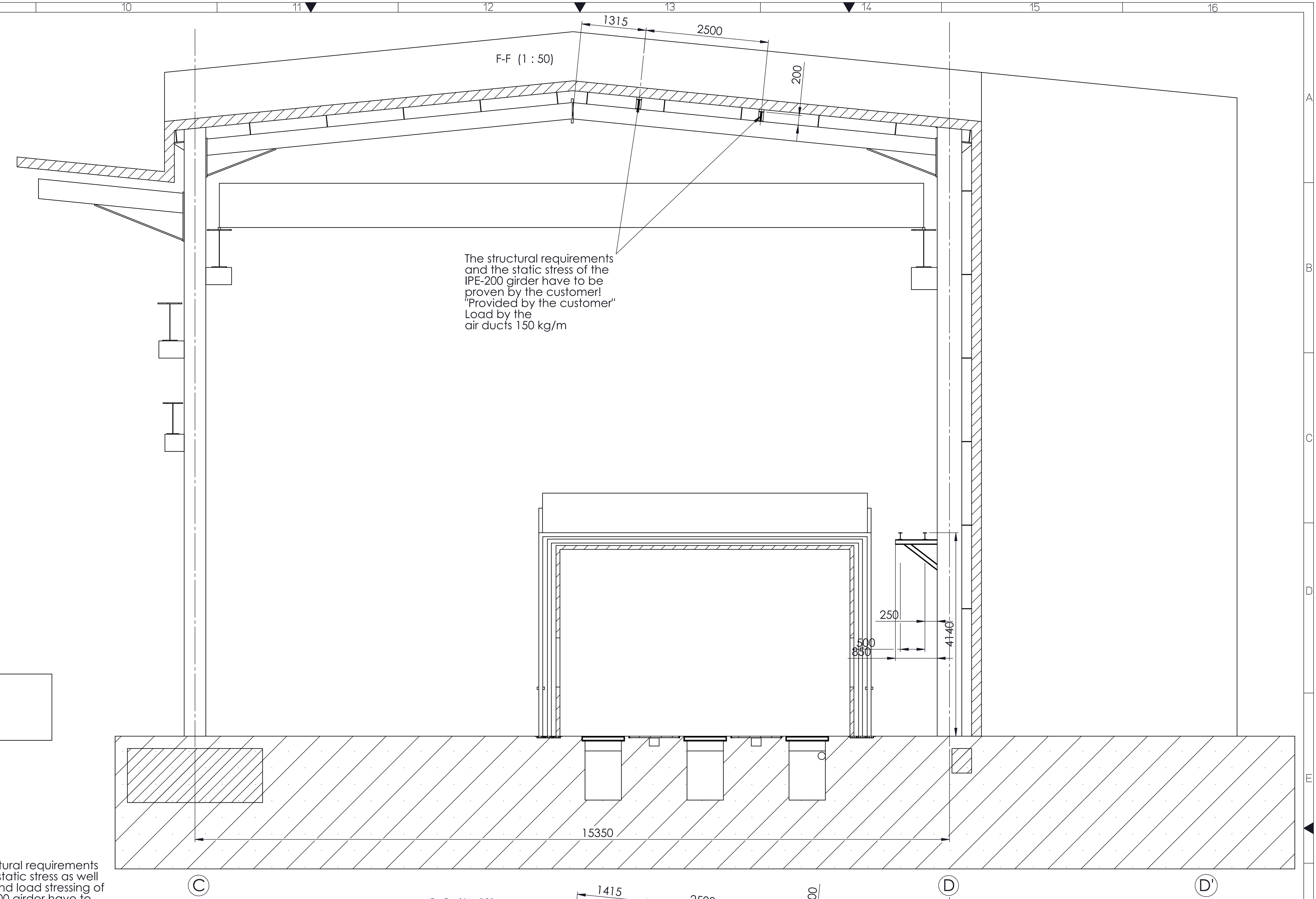
Maßstab scale:1:100
Blatt 1 von 2

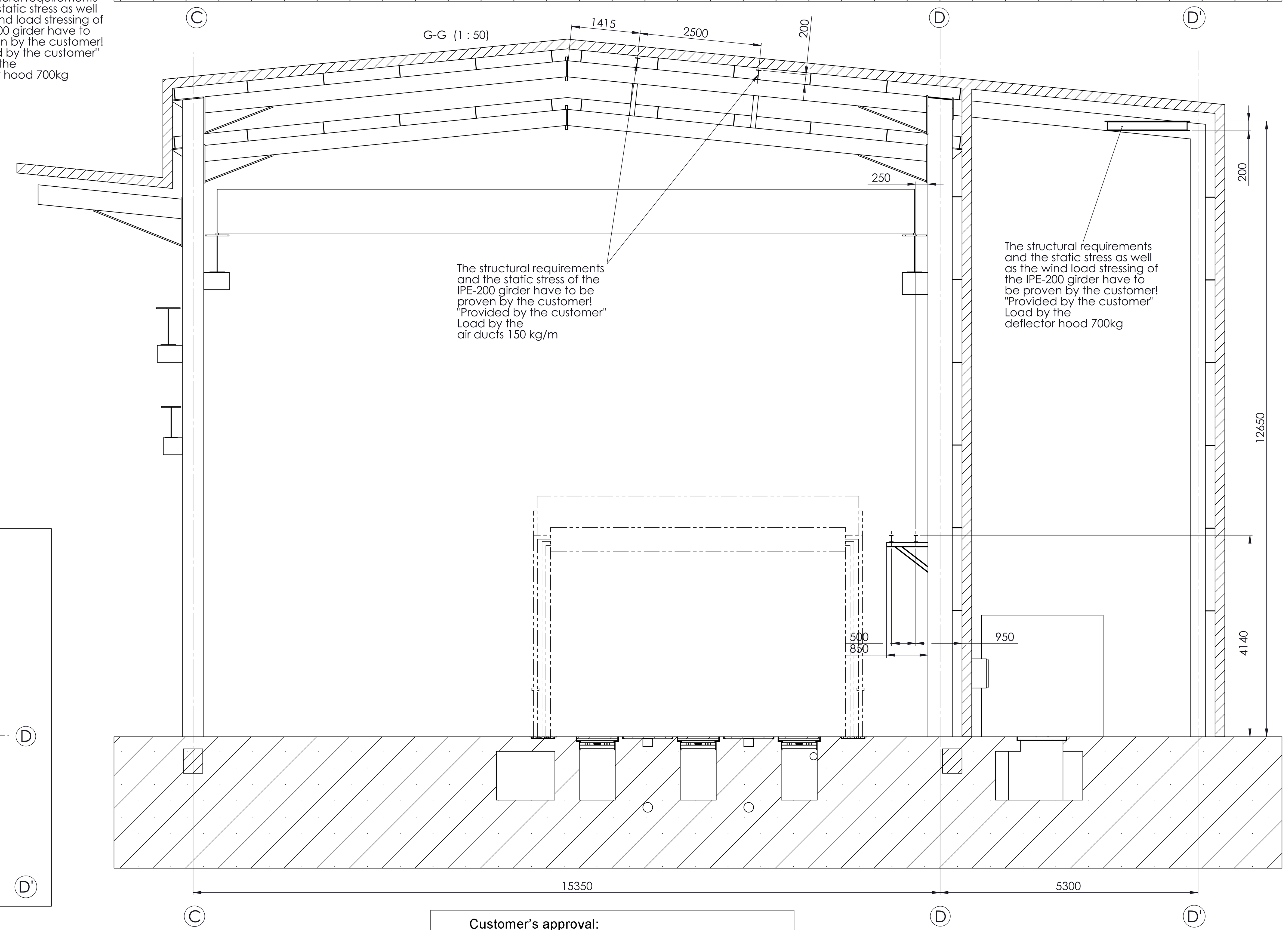
Teilenummer: 8-92215-0003-4030
Dok.Art: Version: A0











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Installation Plan
FFLP with Dryer

Maßstab scale:1:100
Blatt 2 von 2

Teilenummer: 8-92215-0003-4030
Dok.Art: Version: A0