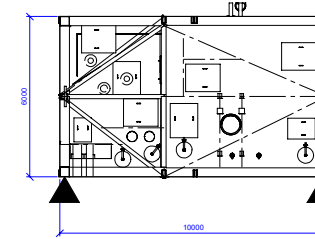
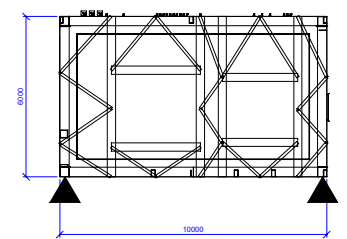


Looking West
SCALE: 1:100 mm


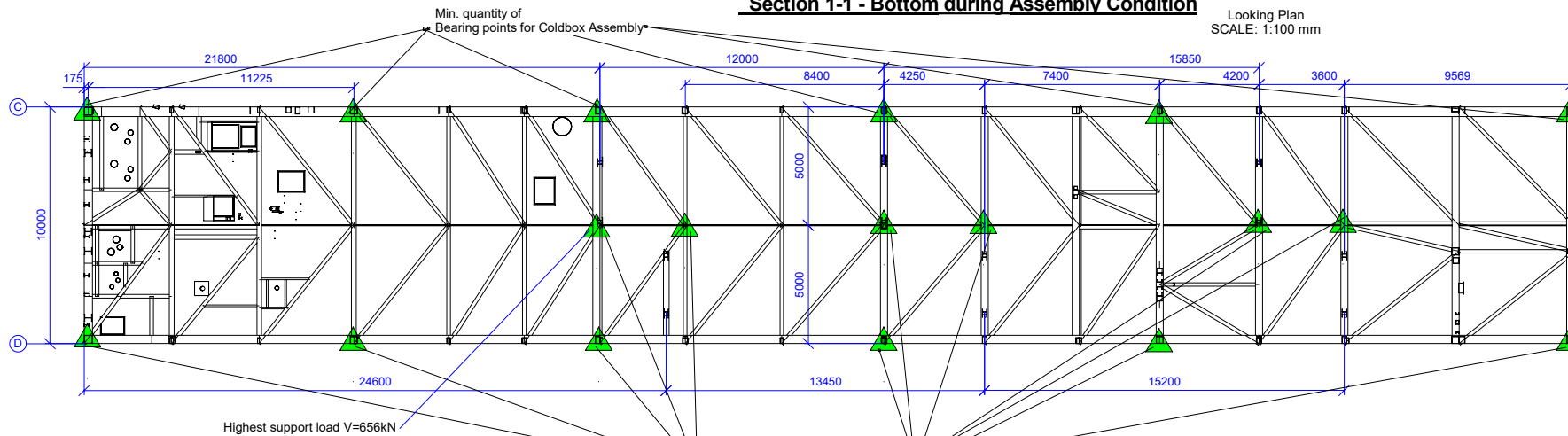


Looking East
SCALE: 1:100 mm

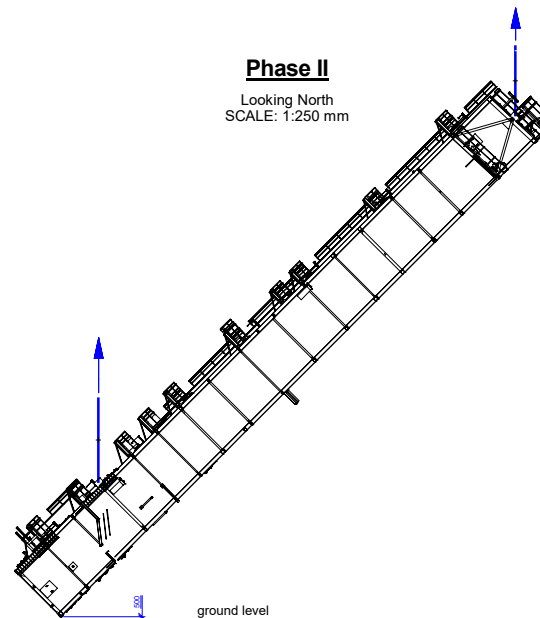


Architectural floor plan of a long, narrow building. The plan shows a central corridor (4870 wide) flanked by rooms. The total width is 29800. Room widths are 5130 and 4870. A north arrow points upwards, and a scale bar is present.

Looking Plan
SCALE: 1:100 mm

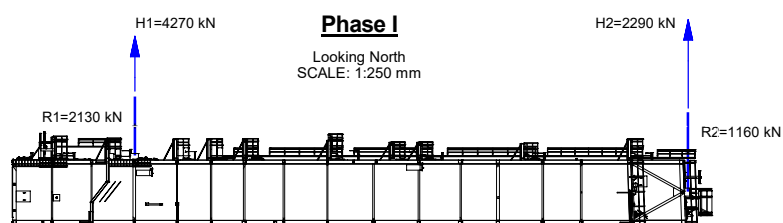


Looking North
SCALE: 1:250 mm

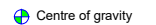


Looking Northwest (Down)
SCALE: 1:250 mm

Looking North
SCALE: 1:250 mm



 Centre of gravity



Total Transport Weight of the coldbox appr. = 446 to
outside piping and platforms appr. = 20 to
Sum = 466 to (+/-3%)
(1 to = 1 metric ton = 1000 kg)



Wall Shacklbolt diameter max. 108 mm
 with CROSBY shackle SWL 175 to: db = 108 mm
 with WIDE BODY shackle SWL 200 to: db = 105mm
 db = bolt diameter ; d (Detail 1) = 114 mm

Characteristic max. shackle load:
 roof: 3300 kN including impact factor 1.4
 SWL 2360 kN = 240,5 to
 side: 2200 kN including impact factor 1.4
 SWL 1570x kN = 160,0 to

Lifting of box in vertical position by 2 cranes
Highest position of hook measured from
ground level appr. 64.0 m

Bearing of the box is only allowed on the marked points

Lifting only with spreader beams

IFC	2.0	28.09.23	Issued for Construction	Ott	Pavlov	Ott			
IFC	1.0	20.08.23	Issued for Construction	Ott	Hainner	Ott			
STATUS	ISSUE	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED			
			Engineering, Procurement, Construction and Commissioning Contract Air Separation Unit III						
Client Drawing No.		HOLD		Client Project No. : _____		_____			
				Client Job Code : _____		_____			
			LINDE GmbH LINDE ENGINEERING D-82049 PULLACH						
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Linde Project No.: 1510CD77				Linde Job Code : Plock ASU III					
Title: RECTIFICATION BOX Assembly and Lifting BASIC DRAWING						Scale: 1:100			
Drawing No.:		&SU (3-0022) L-ZT 1001			Sheet: 01 OF 01		Size: A0		