

DISPOZIČNÍ VÝKRESY VÝTAHŮ O NOSNOSTI

320 kg

450 kg

630 kg

1000 kg



**Dispoziční výkres
výtahu o nosnosti
320 kg**



DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES	
Nominal load:	320 kg 4 Passengers
Speed:	1 m/s
Travel:	12 m
N. of stops:	5
N° of acceses:	5
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES + NEUTRAL
Frequency:	50 Hz
Machine power:	3,4 kW
Heat rejected:	0,3 kW
Power grid supply:	4 kW
Nom. Current grid:	6,85 A
Max. Current grid:	7,53 A
Short circuit rating:	6 KA
Controller type:	UNIVERSAL SIMPLEX
Deadweight car+frame:	443 kg
Number of ropes :	4
%Counterweighed:	20 %

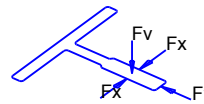
LOADS IN DaN	
P1: ±2350 daN	P8: ± - daN
P2: ±1530 daN	P9: ± - daN
P3: ±355 daN	P10: ± - daN
P4: ±1420 daN	P11: ± daN
P5: ± - daN	P12: ± daN
P6: ± - daN	P13: ± daN
P7: ± - daN	P14: ± daN

RANGING MEASURES MRL	
A: 386 mm	F: 1289 mm
B: 111 mm	G: mm
C: 1289 mm	H: mm
D: 111 mm	I: mm
E: 201 mm	

CUSTOMER XXX				
ADDRESS xxx				
CITY Praha				
	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 1/9
				REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)

	CAR GUIDE	COUNTERWEIGHT GUIDE
Guide type	T-125 L1/A	T-50/A
Clip type	M2	SL1
MAX DISTANCE BETWEEN BRACKETS [mm]	3500	3500
Fx max [daN]	160,33	3,95
Fy max [daN]	64,33	21,81
Fv max [daN]	922,39	57,45
s perm [N/mm ²]	156,66	125,33
s max [N/mm ²]	141	65
d perm [mm]	5	10
d guide max X [mm]	4,51	2,27
d guide max Y [mm]	3,46	5,89
d str max [mm]	0	0



* Information about guides and flanges available on Orona's web 'Documentation per OV'

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



DRAWN 10/04/2018
 EXJ600000

SCALE

DRAWING N°

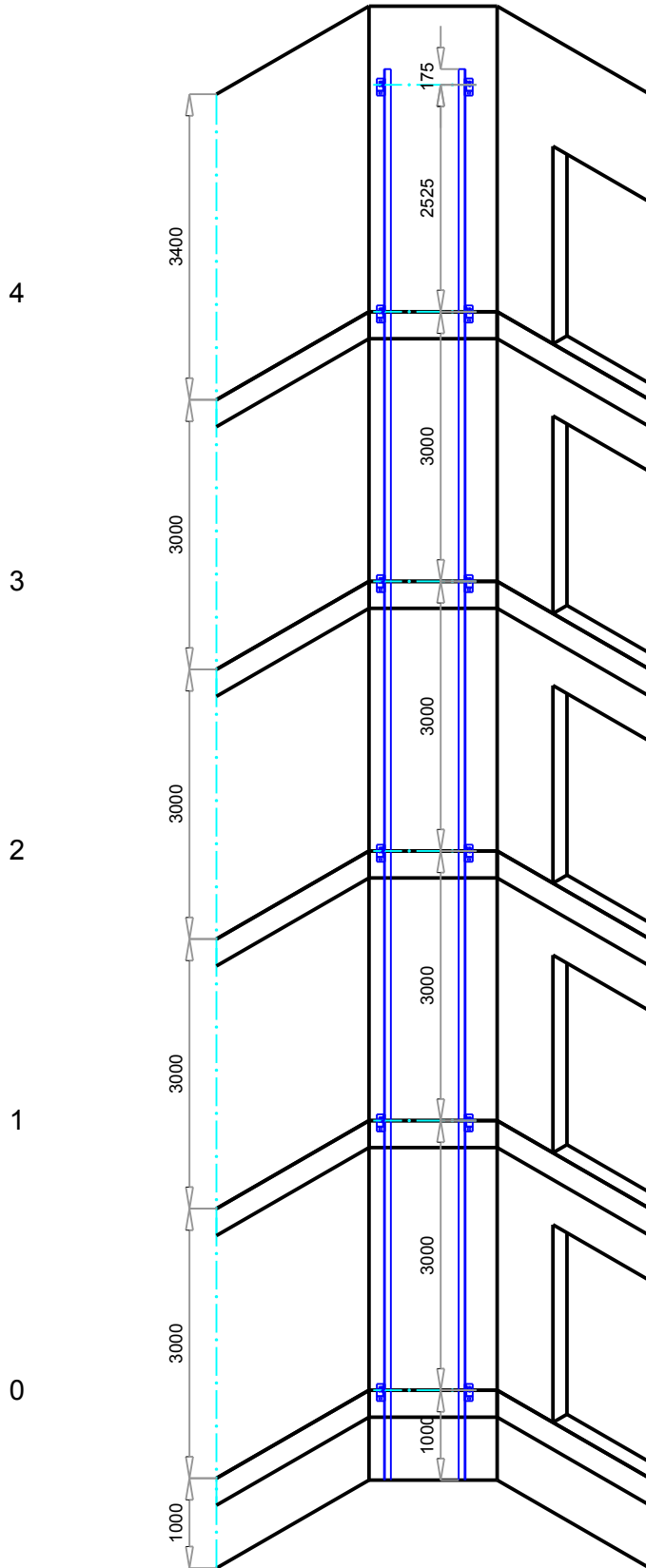
CHECKED

UNIT mm

PAGE 2/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



TRAVEL HEIGHT = 12000 mm
 NUMBER OF BRACKETS = 6
 DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 3500 mm

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



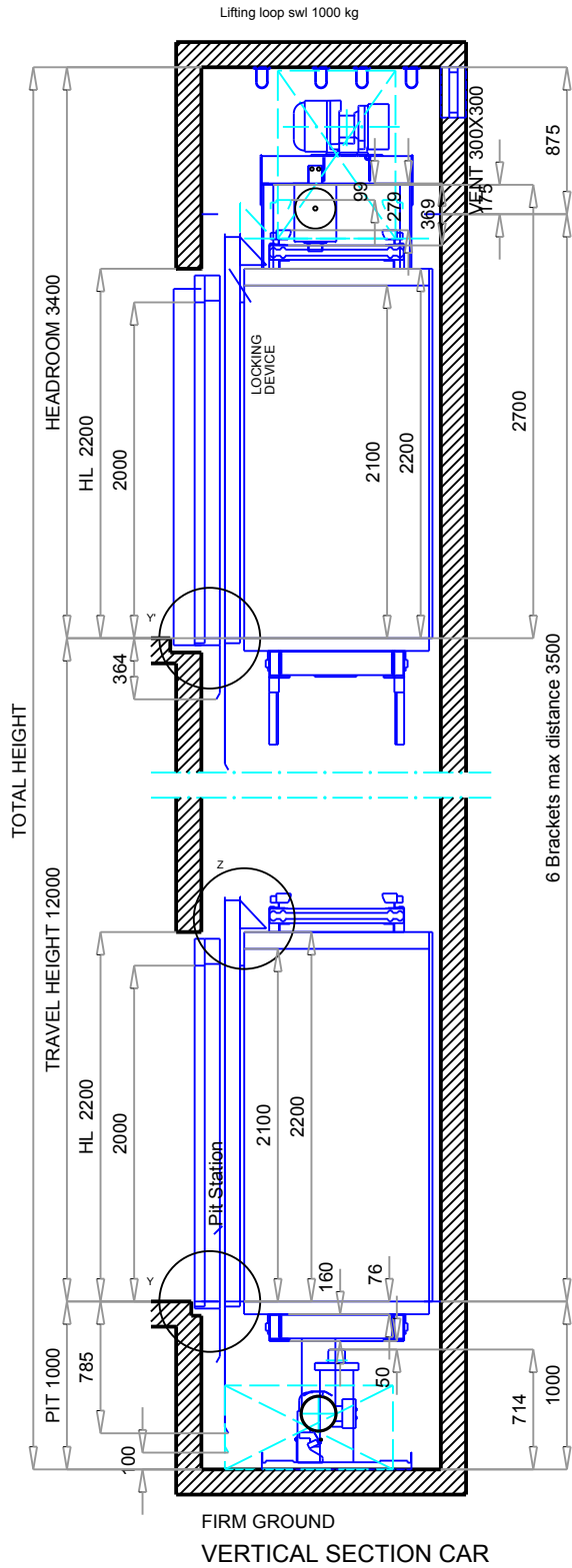
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

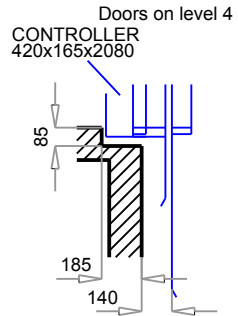
DRAWING N°
 PAGE 3/9

REF. 636483

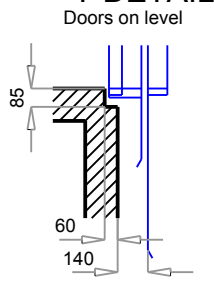
DRAFT DRAWING (NOT DEFINITIVE)



Y' DETAIL



Y DETAIL



CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



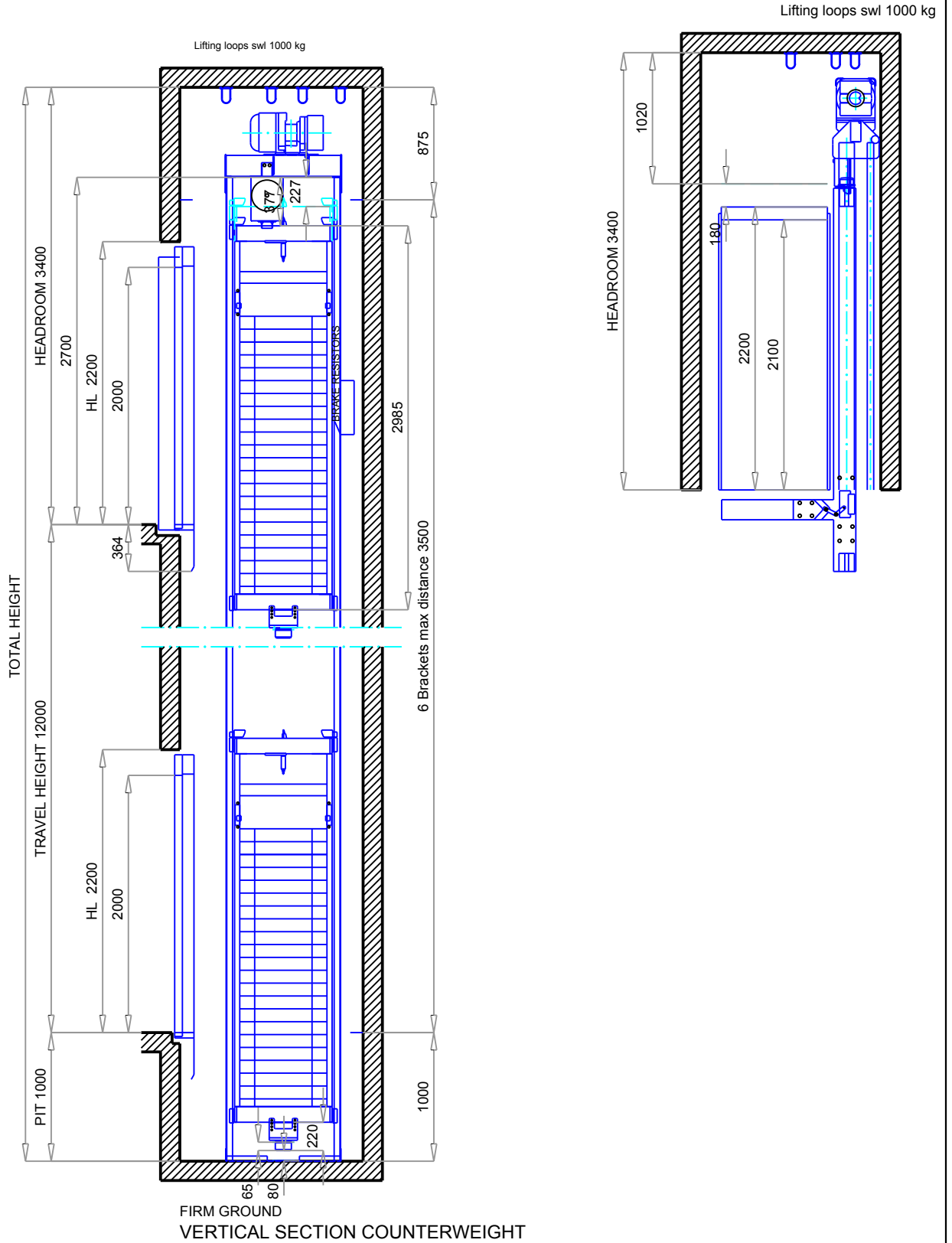
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

DRAWING N°
 PAGE 4/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



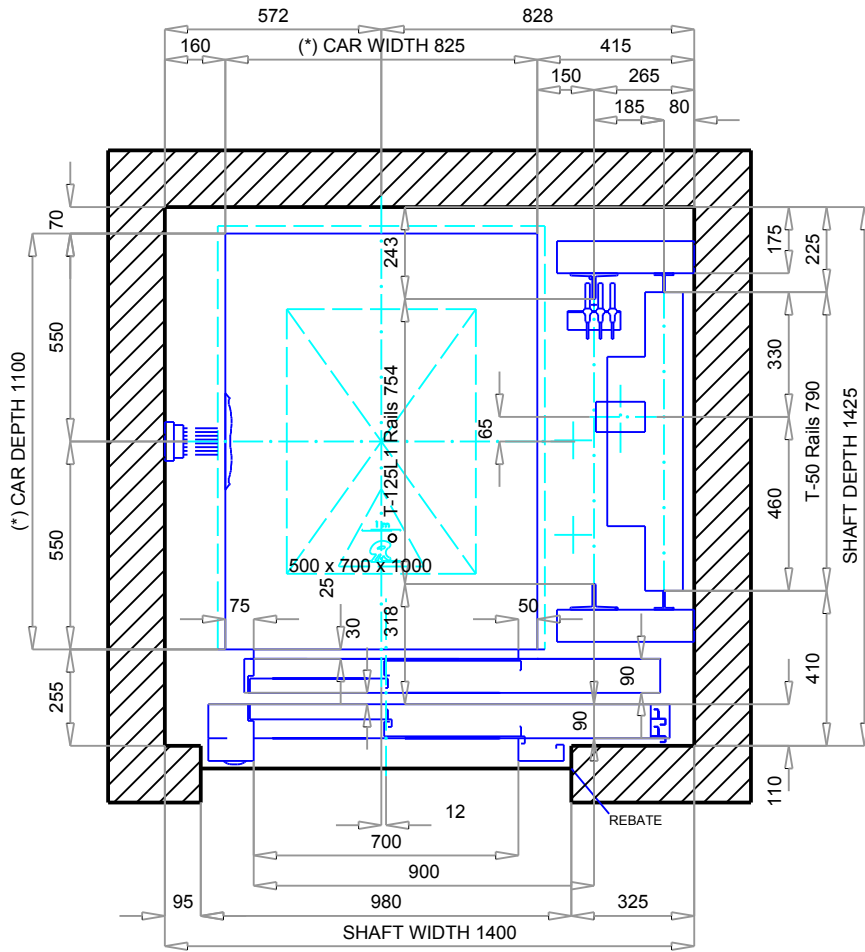
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



Orona	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 5/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level

SHAFT PLAN

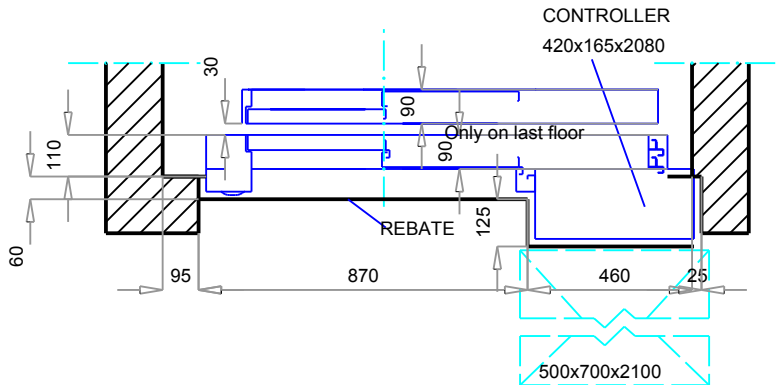
Scale 1/20

Headroom requirement for a solution compliant with EN81-20/50 with:

Max Shaft With = 1657 mm

Max Shaft Depth = 1778 mm

Doors on level 4



(*) Car dimensions according to EN81-70

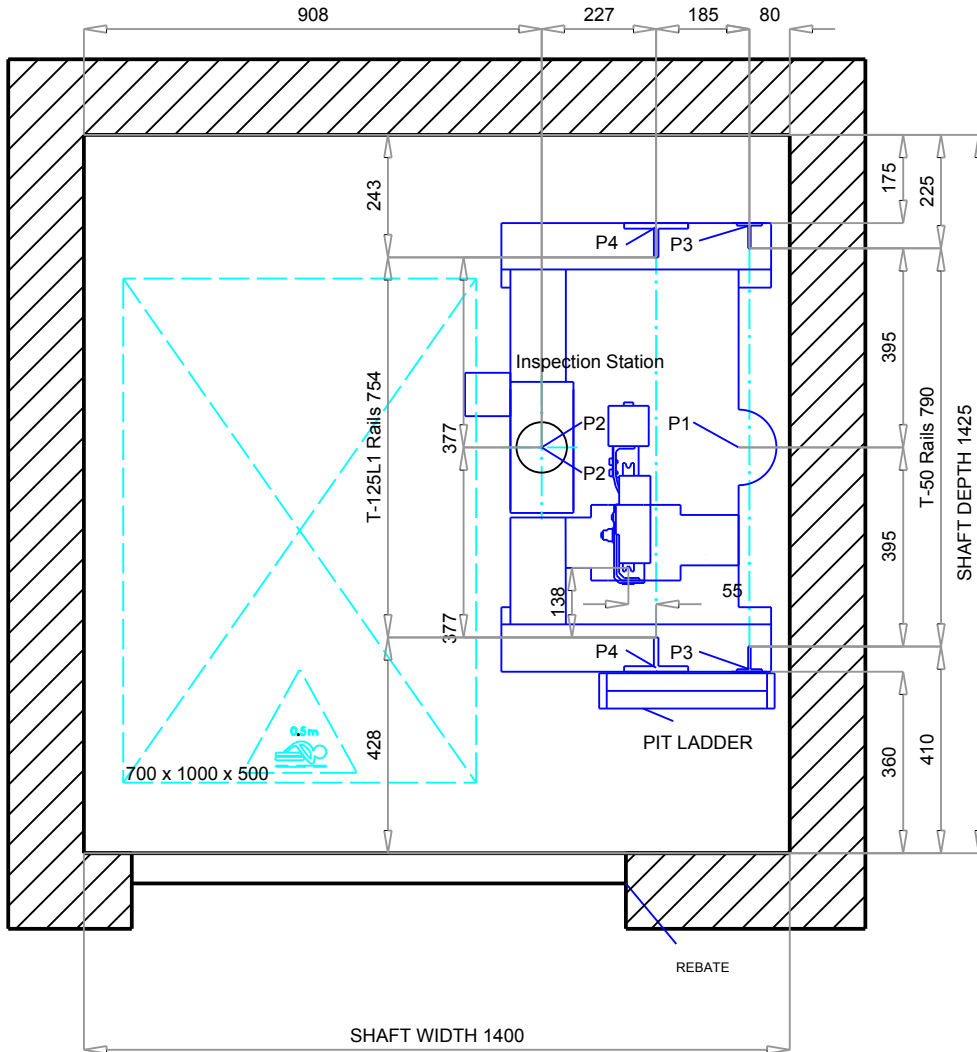
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



Orona	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 6/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



PLAN ON PIT

Scale 1/15

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



DRAWN 10/04/2018
 EXJ600000

CHECKED

SCALE

UNIT mm

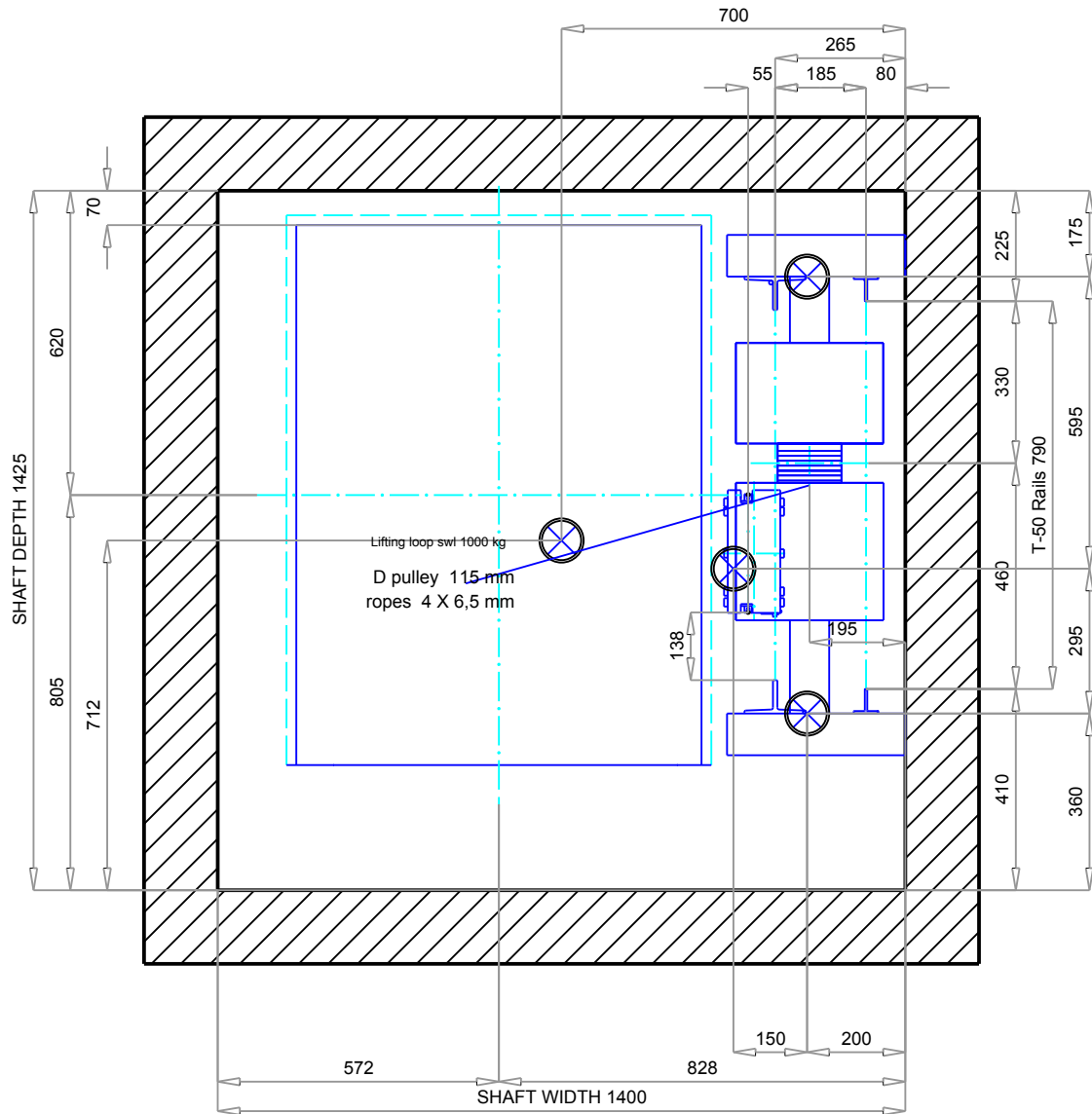
DRAWING N°

PAGE 7/9

REF.

636483

DRAFT DRAWING (NOT DEFINITIVE)



MACHINE VIEW

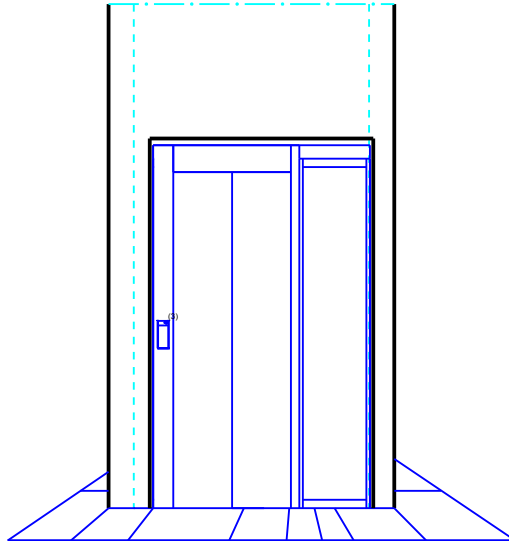
Scale 1/15

CUSTOMER XXX
ADDRESS xxx
CITY Praha

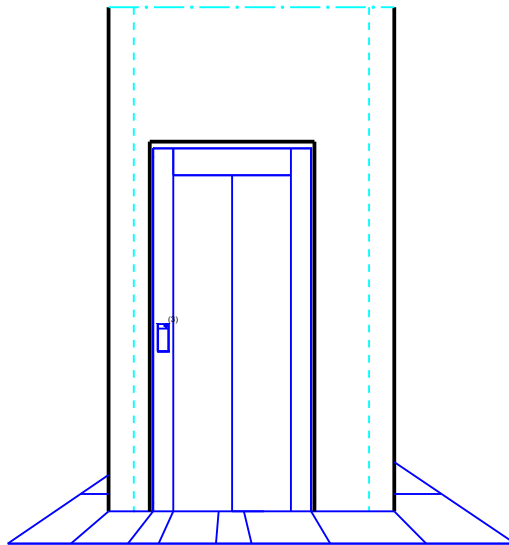


	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°	REF. 636483
	CHECKED		UNIT mm	PAGE 8/9	

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level 4



Doors on level 0, 1, 2, 3

(3) LOP

CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000
CHECKED

SCALE
UNIT mm

DRAWING N°
PAGE 9/9

Orona 

REF. 636483



**Dispoziční výkres
výtahu o nosnosti
450 kg**



DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES	
Nominal load:	450 kg 6 Passengers
Speed:	1 m/s
Travel:	12 m
N. of stops:	5
N° of acceses:	5
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES + NEUTRAL
Frequency:	50 Hz
Machine power:	3,4 kW
Heat rejected:	0,3 kW
Power grid supply:	4 kW
Nom. Current grid:	6,85 A
Max. Current grid:	8,1 A
Short circuit rating:	6 KA
Controller type:	UNIVERSAL SIMPLEX
Deadweight car+frame:	490 kg
Number of ropes :	4
%Counterweighed:	45 %

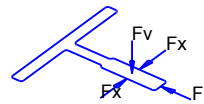
LOADS IN DaN	
P1: ±2775 daN	P8: ± - daN
P2: ±1885 daN	P9: ± - daN
P3: ±410 daN	P10: ± - daN
P4: ±1685 daN	P11: ± daN
P5: ± - daN	P12: ± daN
P6: ± - daN	P13: ± daN
P7: ± - daN	P14: ± daN

RANGING MEASURES MRL	
A: 386 mm	F: 1414 mm
B: 111 mm	G: mm
C: 1414 mm	H: mm
D: 111 mm	I: mm
E: 201 mm	

CUSTOMER XXX				
ADDRESS xxx				
CITY Praha				
	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 1/9
				REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)

	CAR GUIDE	COUNTERWEIGHT GUIDE
Guide type	T-125 L1/A	T-50/A
Clip type	M2	SL1
MAX DISTANCE BETWEEN BRACKETS [mm]	3140	3500
Fx max [daN]	231,46	5,86
Fy max [daN]	91,27	13,4
Fv max [daN]	1096	57,45
s perm [N/mm ²]	156,66	125,33
s max [N/mm ²]	156,56	54,61
d perm [mm]	5	10
d guide max X [mm]	4,7	3,39
d guide max Y [mm]	3,54	3,62
d str max [mm]	0	0



* Information about guides and flanges available on Orona's web 'Documentation per OV'

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



DRAWN 10/04/2018
 EXJ600000

SCALE

DRAWING N°

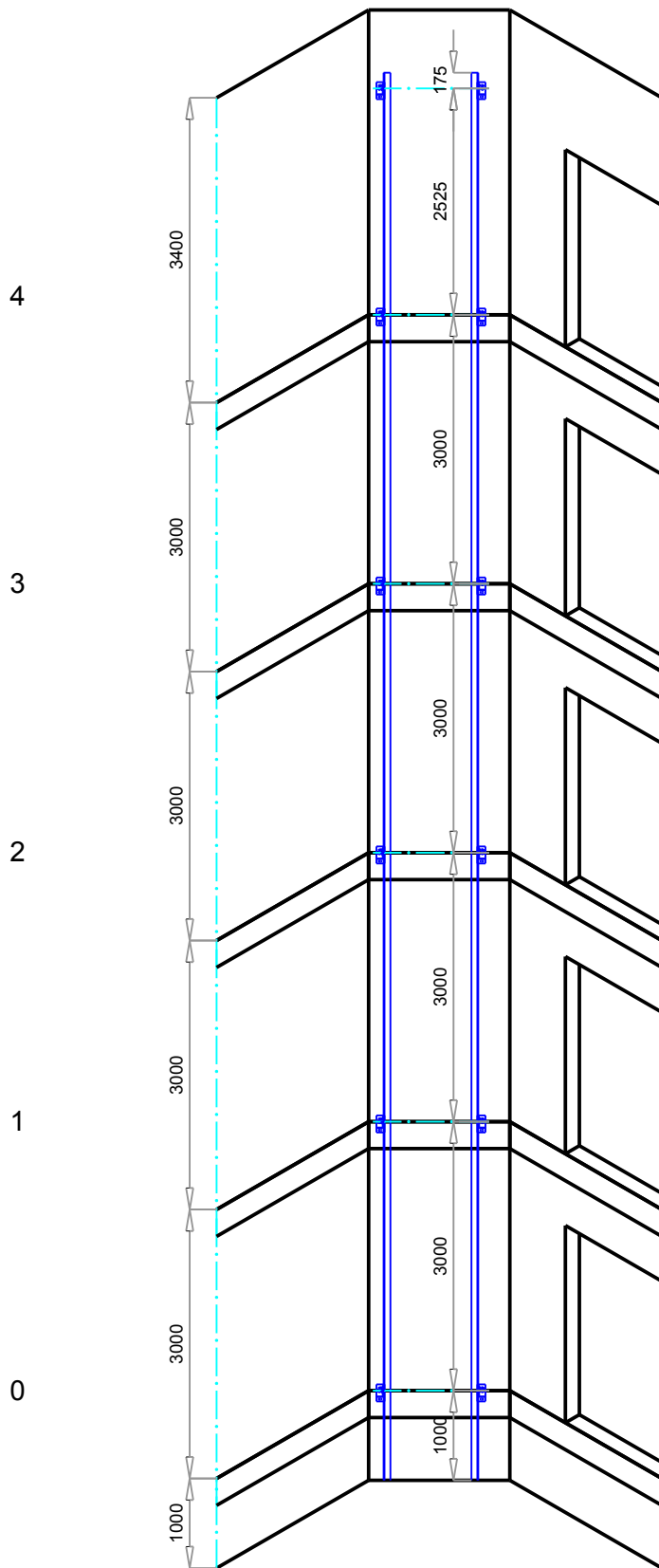
CHECKED

UNIT mm

PAGE 2/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



TRAVEL HEIGHT = 12000 mm
 NUMBER OF BRACKETS = 6
 DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 3140 mm

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



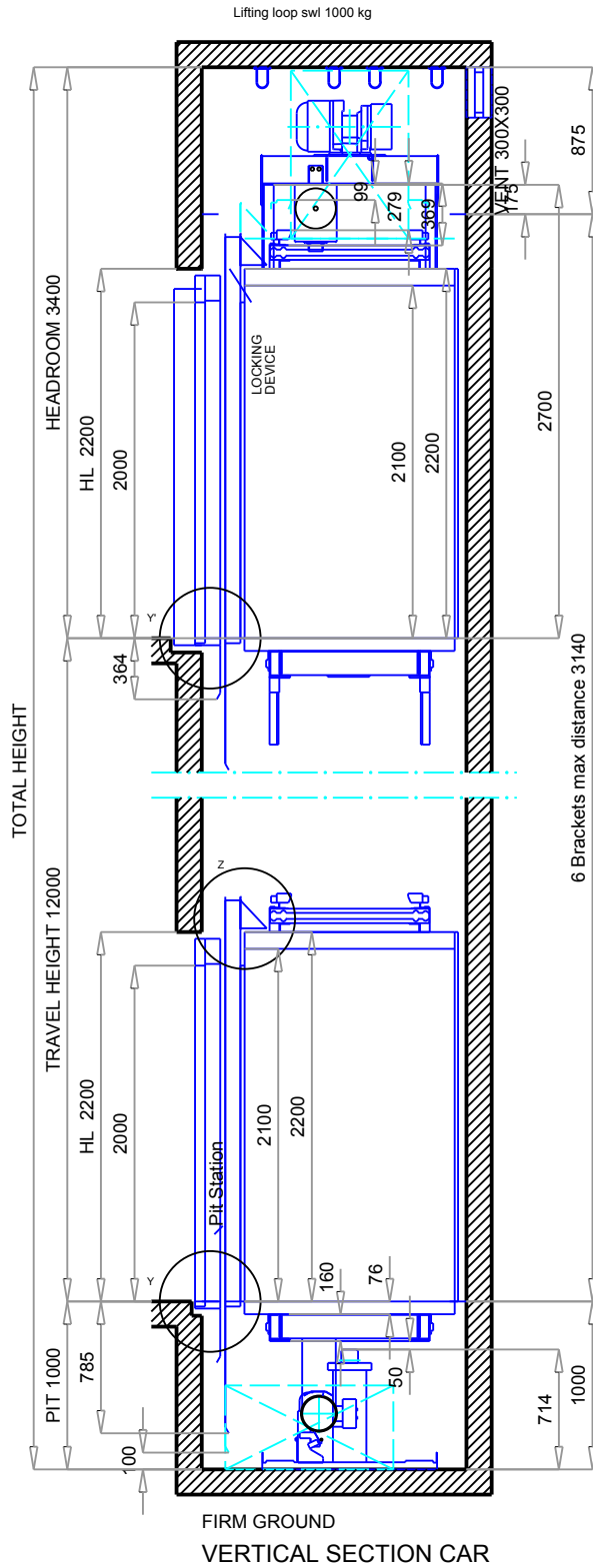
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

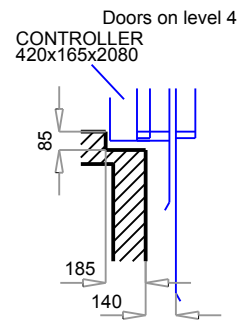
DRAWING N°
 PAGE 3/9

REF. 636483

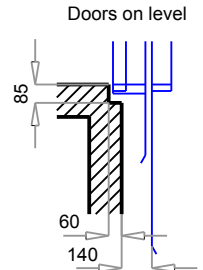
DRAFT DRAWING (NOT DEFINITIVE)



Y' DETAIL



Y DETAIL



CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



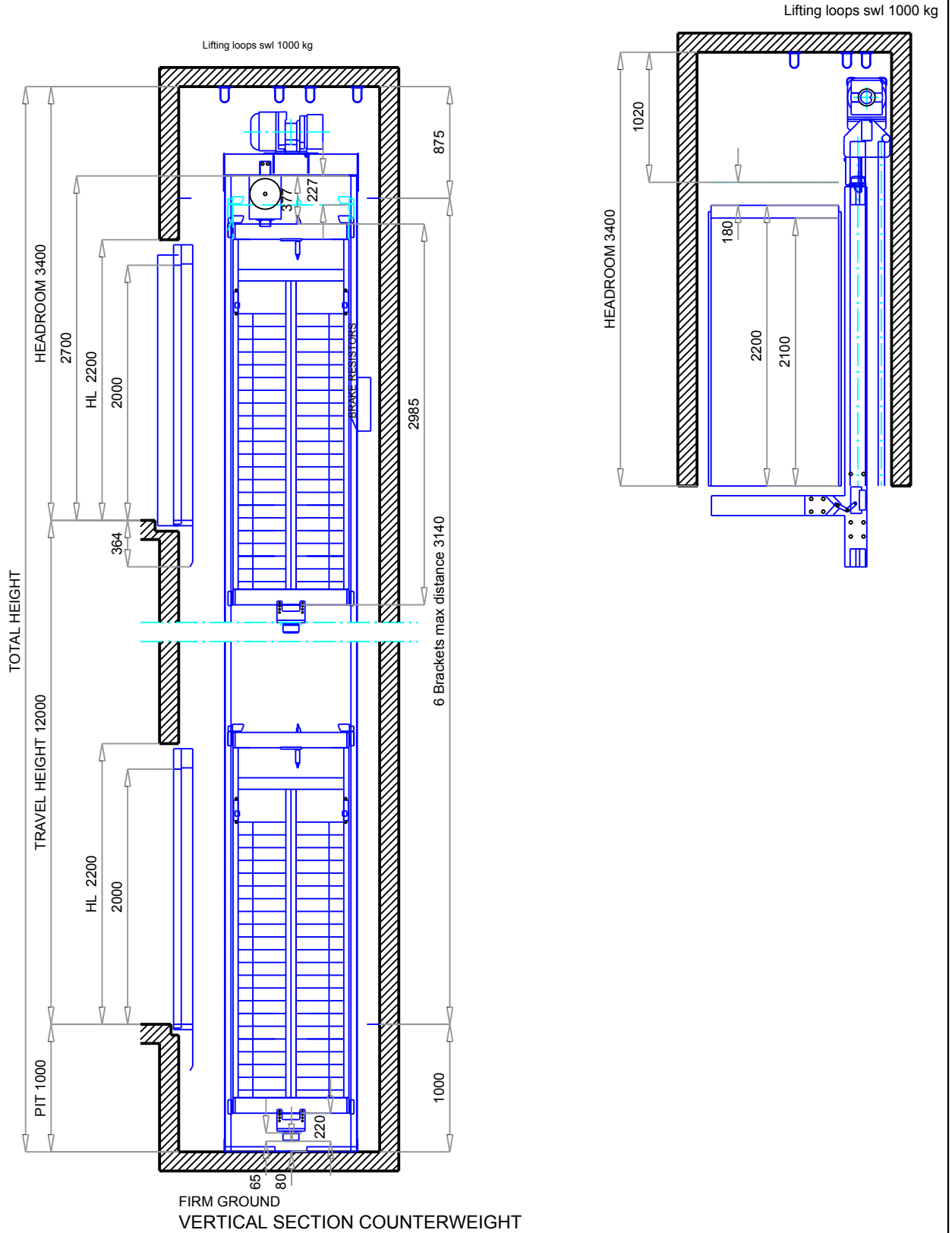
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

DRAWING N°
 PAGE 4/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



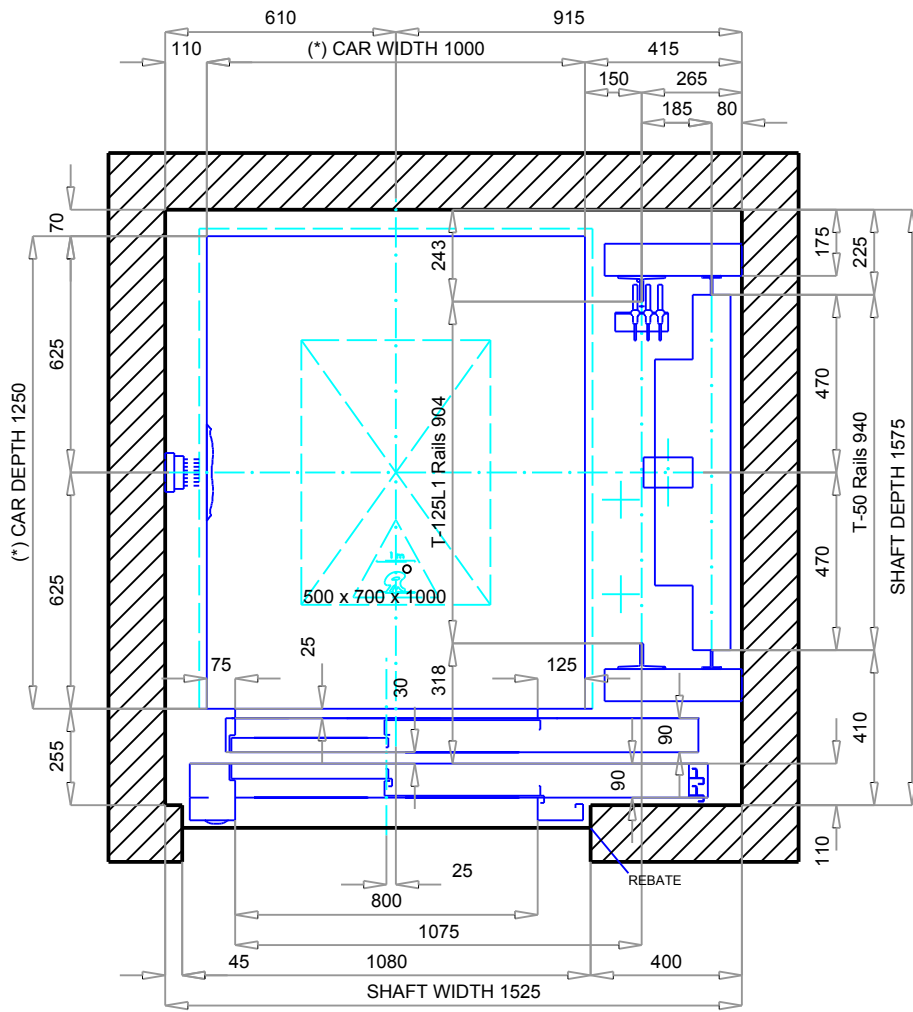
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

DRAWING N°
 PAGE 5/9

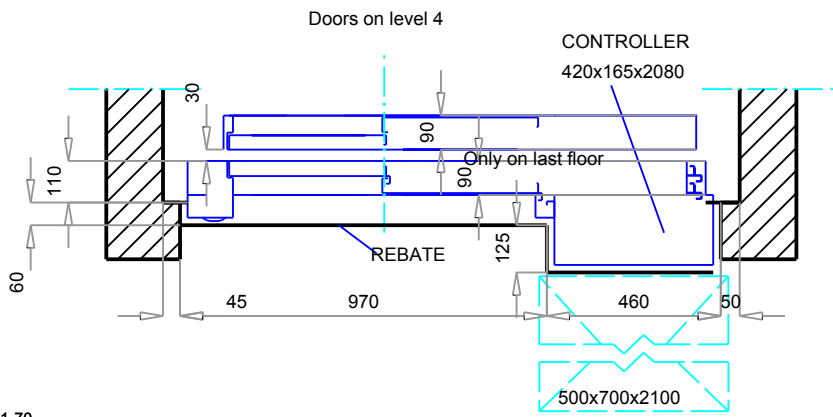
REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level

SHAFT PLAN
 Scale 1/20
 Headroom requirement for a solution compliant with EN81-20/50 with:
 Max Shaft With = 1832 mm
 Max Shaft Depth = 1928 mm



(*) Car dimensions according to EN81-70

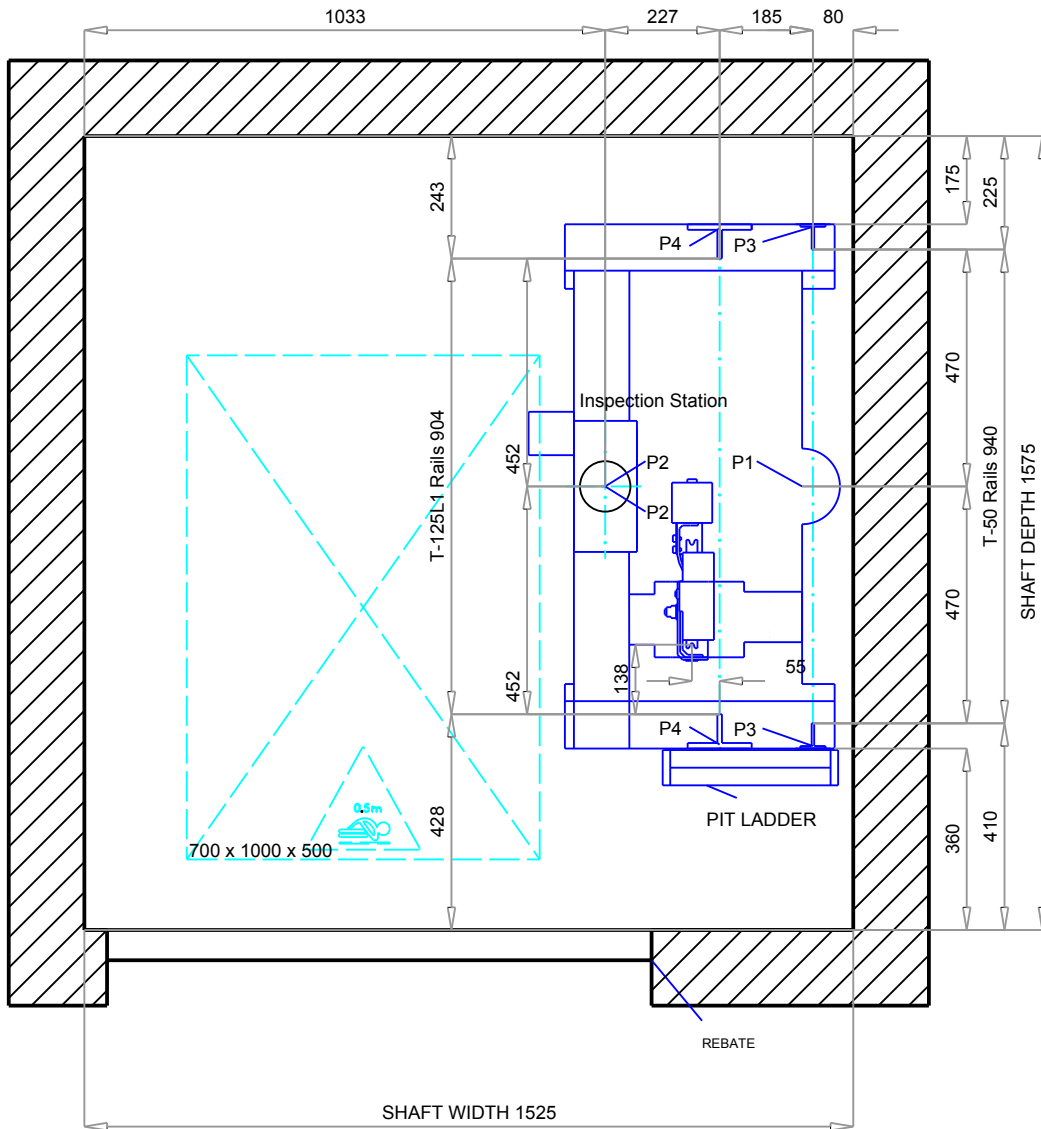
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



Orona	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 6/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



PLAN ON PIT

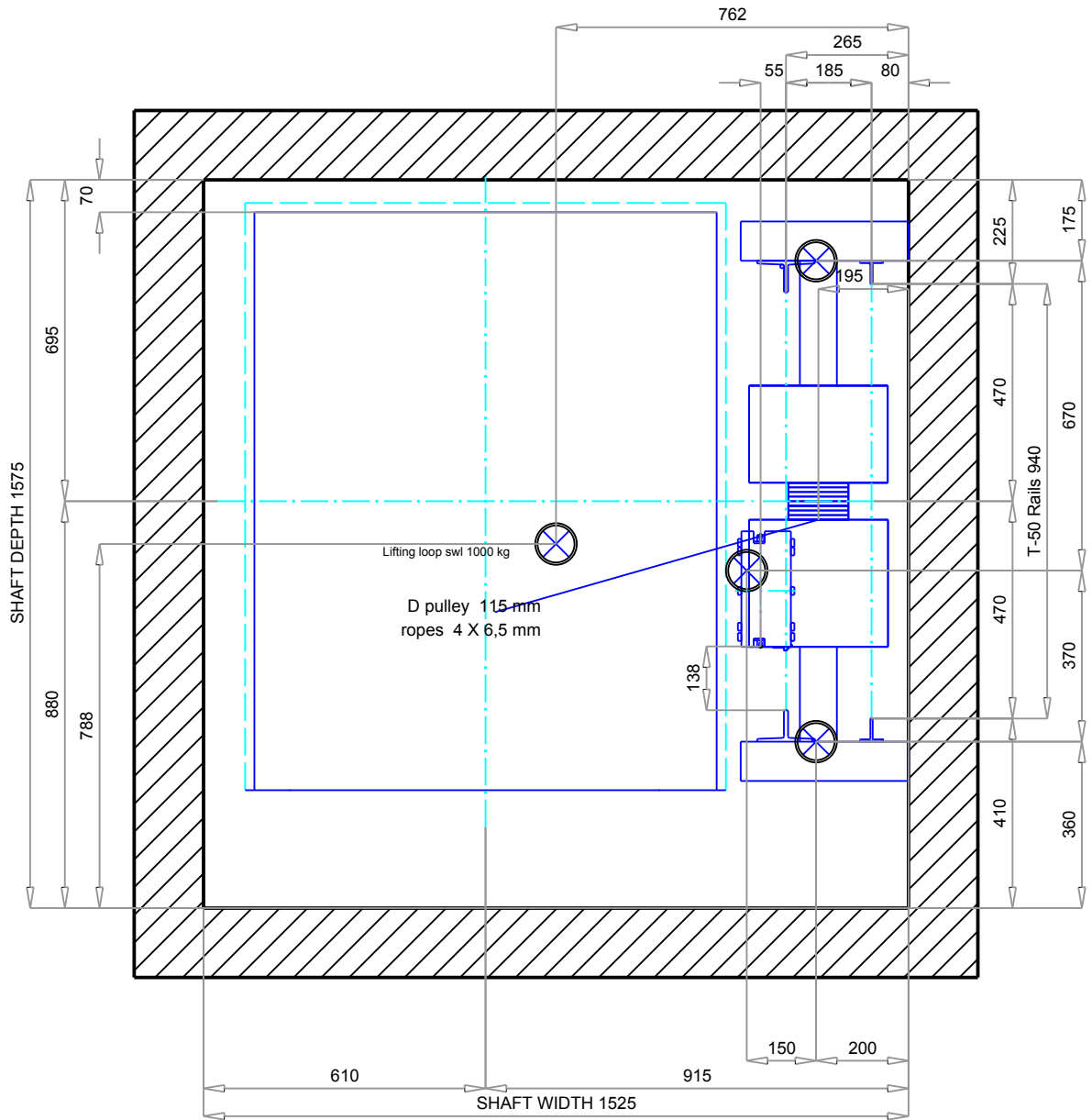
Scale 1/15

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°	REF. 636483
	CHECKED		UNIT mm	PAGE 7/9	


DRAFT DRAWING (NOT DEFINITIVE)



MACHINE VIEW
Scale 1/15

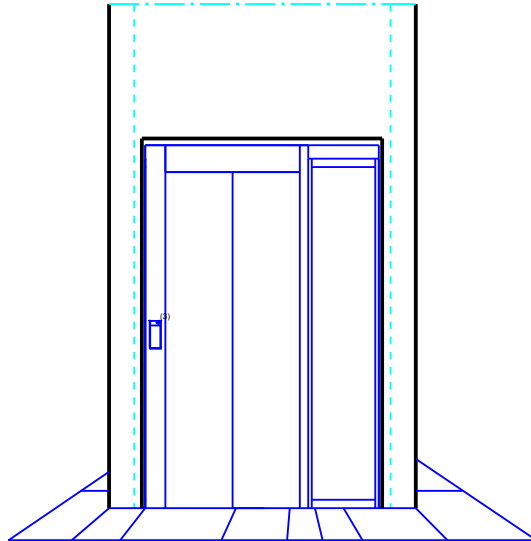
CUSTOMER XXX
ADDRESS xxx
CITY Praha



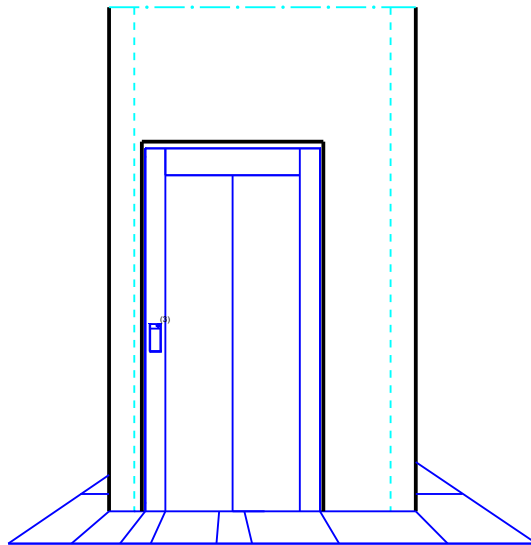
Orona 	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 8/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level 4



Doors on level 0, 1, 2, 3

(3) LOP


CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000
CHECKED

SCALE
UNIT mm

DRAWING N°
PAGE 9/9



Orona

REF. 636483



**Dispoziční výkres
výtahu o nosnosti
630 kg**



DRAFT DRAWING (NOT DEFINITIVE)

(EN 81-20/50)

MAIN FEATURES	
Nominal load:	630 kg 8 Passengers
Speed:	1 m/s
Travel:	12 m
N. of stops:	5
N° of acceses:	5
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES + NEUTRAL
Frequency:	50 Hz
Machine power:	4,5 kW
Heat rejected:	0,4 kW
Power grid supply:	5,3 kW
Nom. Current grid:	9 A
Max. Current grid:	10,42 A
Short circuit rating:	6 KA
Controller type:	UNIVERSAL SIMPLEX
Deadweight car+frame:	537 kg
Number of ropes :	5
%Counterweighed:	45 %

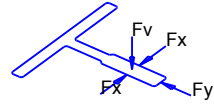
LOADS IN DaN	
P1: ±3285 daN	P8: ± - daN
P2: ±2335 daN	P9: ± - daN
P3: ±480 daN	P10: ± - daN
P4: ±2205 daN	P11: ± daN
P5: ± - daN	P12: ± daN
P6: ± - daN	P13: ± daN
P7: ± - daN	P14: ± daN

RANGING MEASURES MRL	
A: 386 mm	F: 1514 mm
B: 111 mm	G: mm
C: 1514 mm	H: mm
D: 111 mm	I: mm
E: 201 mm	

CUSTOMER XXX				
ADDRESS xxx				
CITY Praha				
	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 1/9
				REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)

	CAR GUIDE	COUNTERWEIGHT GUIDE
Guide type	T-127-L1/A	T-50/A
Clip type	M2	SL1
MAX DISTANCE BETWEEN BRACKETS [mm]	2840	3500
Fx max [daN]	313,42	7,21
Fy max [daN]	128,65	18,41
Fv max [daN]	1335,19	57,45
s perm [N/mm ²]	156,66	125,33
s max [N/mm ²]	156,55	70,7
d perm [mm]	5	10
d guide max X [mm]	3,74	4,17
d guide max Y [mm]	3,64	4,97
d str max [mm]	0	0



* Information about guides and flanges available on Orona's web 'Documentation per OV'

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



DRAWN 10/04/2018
 EXJ600000

SCALE

DRAWING N°

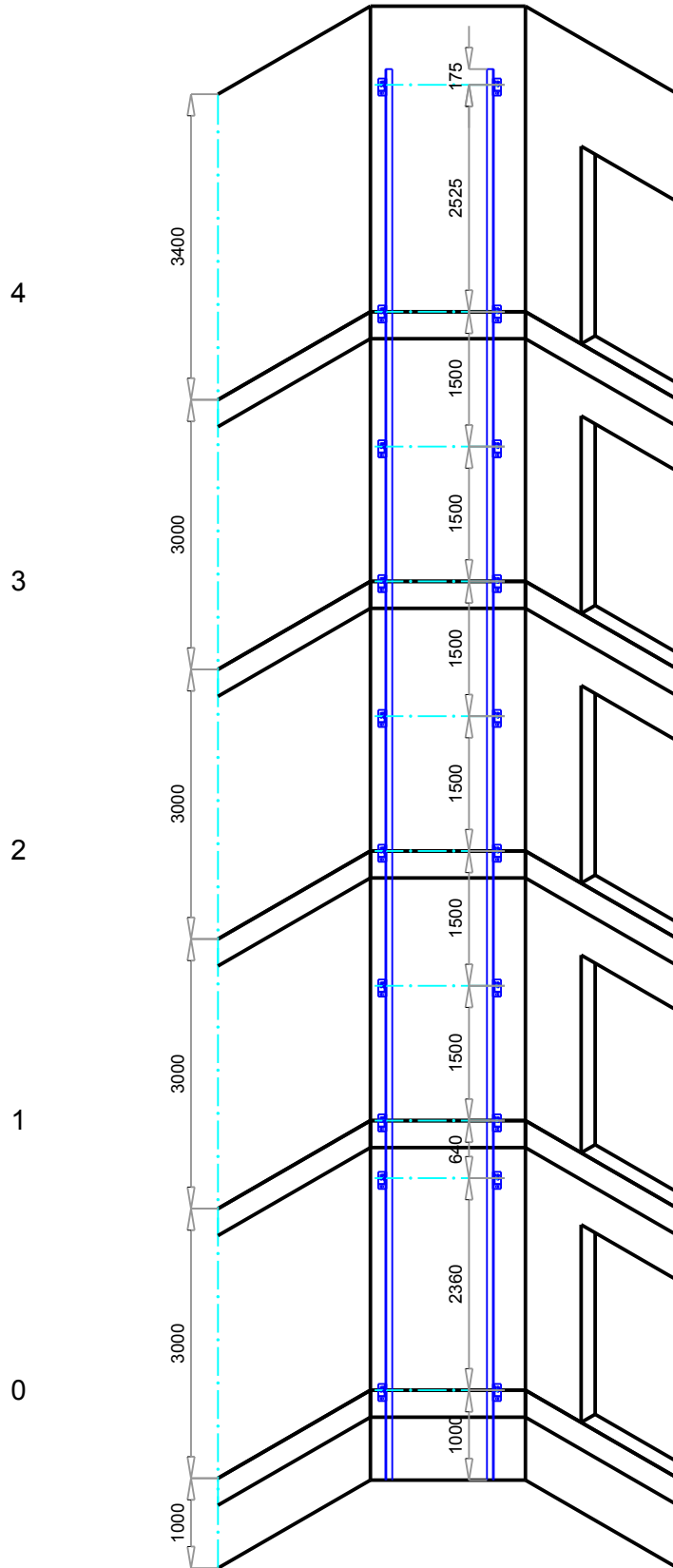
CHECKED

UNIT mm

PAGE 2/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



TRAVEL HEIGHT = 12000 mm
 NUMBER OF BRACKETS = 10
 DISTANCE BETWEEN 1ST AND 2ND BRACKET >= 2360 mm TO PLACE THE PIT LADDER
 MAX DISTANCE BETWEEN BRACKETS = 2840 mm

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



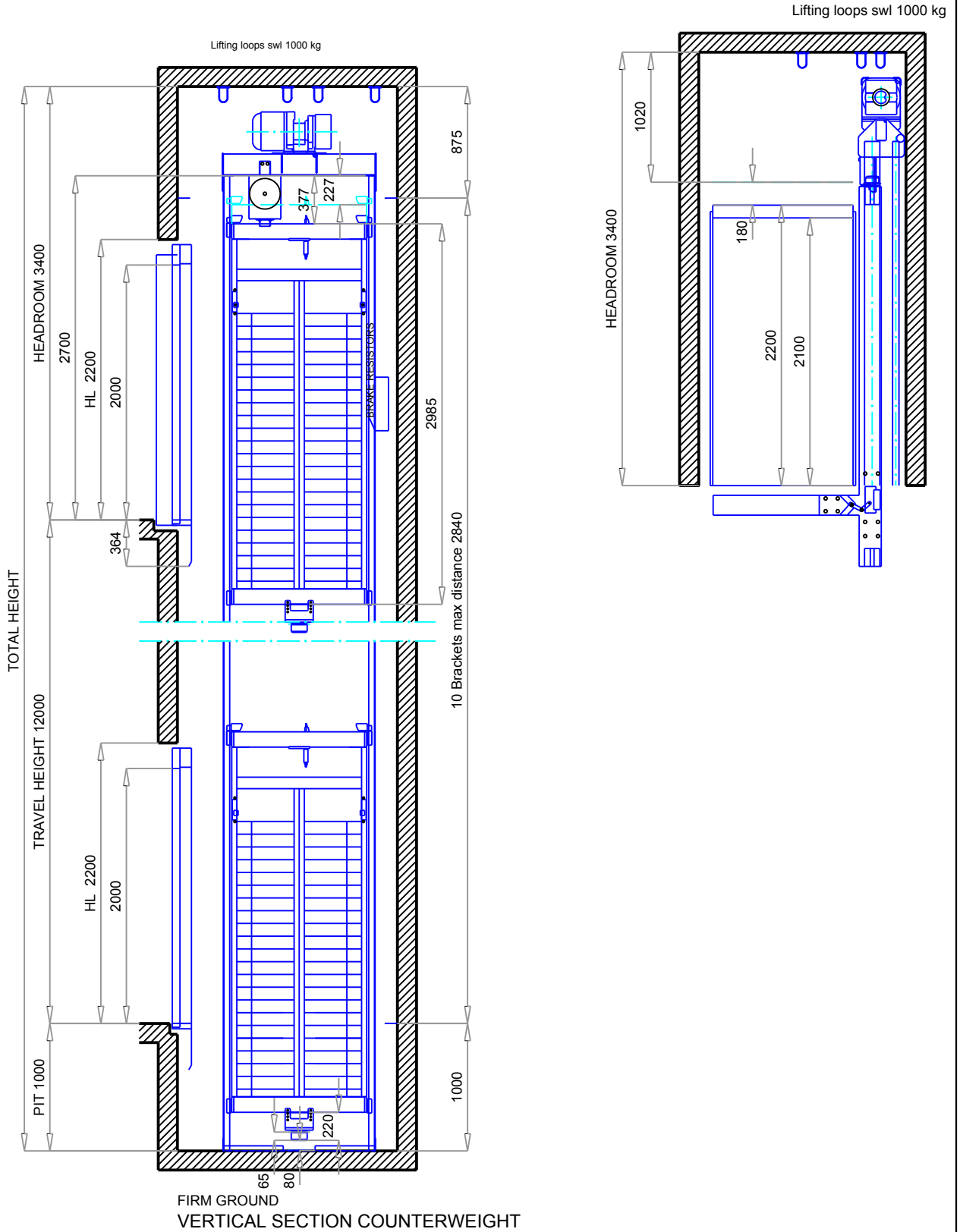
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

DRAWING N°
 PAGE 3/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



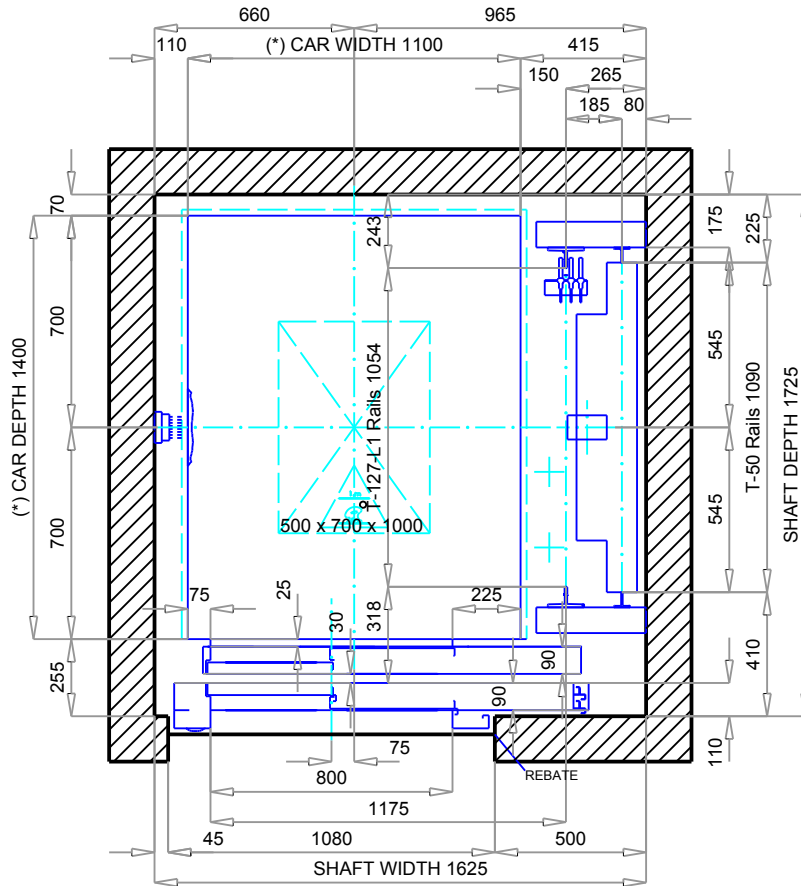
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

DRAWING N°
 PAGE 5/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level

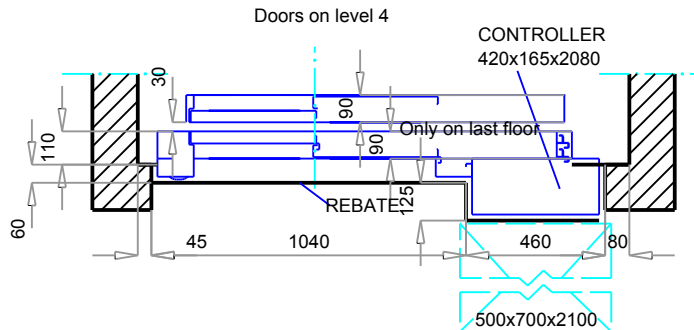
SHAFT PLAN

Scale 1/25

Headroom requirement for a solution compliant with EN81-20/50 with:

Max Shaft With = 1932 mm

Max Shaft Depth = 2078 mm



(*) Car dimensions according to EN81-70

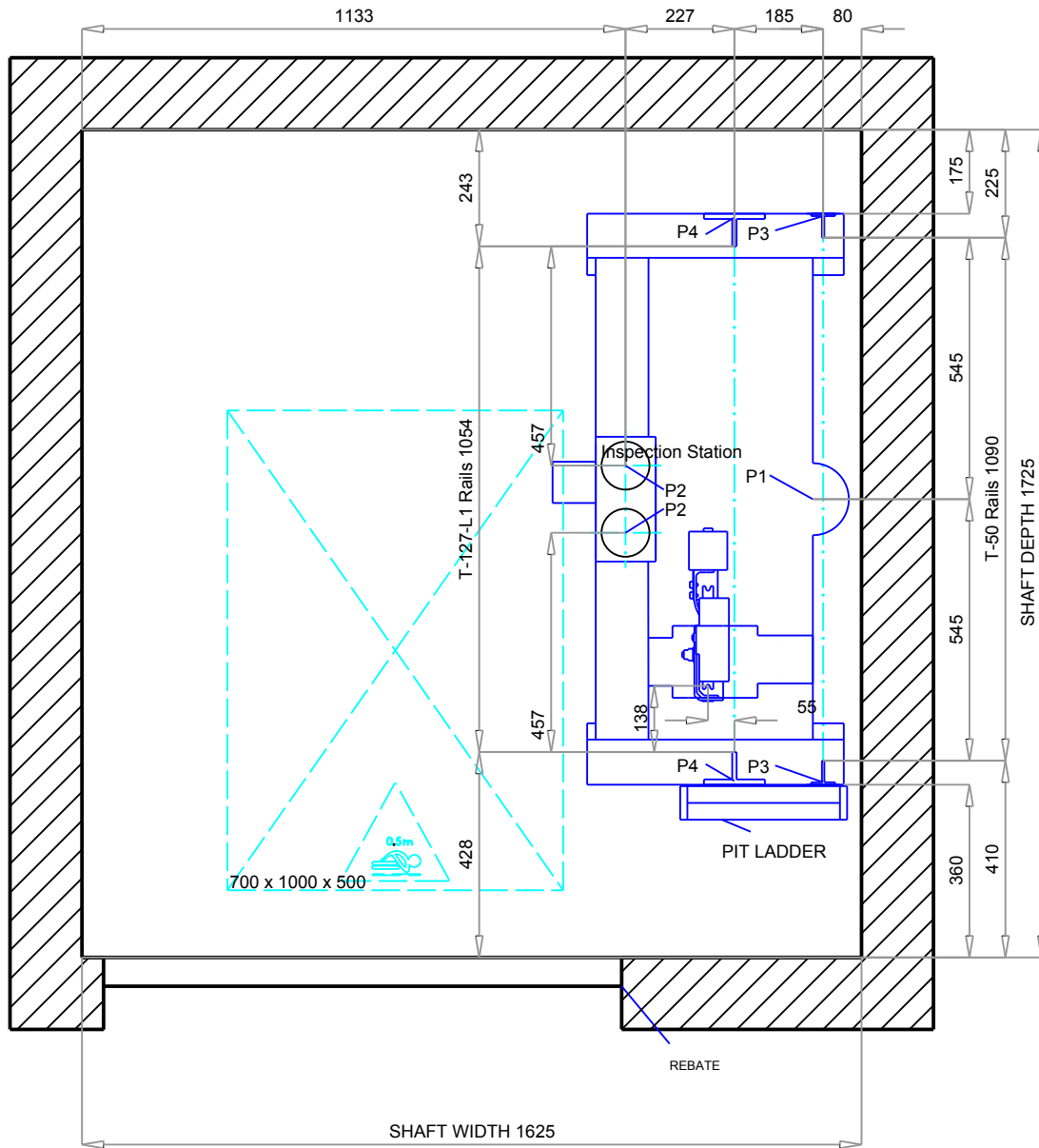
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



Orona	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 6/9

REF. 636483


DRAFT DRAWING (NOT DEFINITIVE)



PLAN ON PIT
Scale 1/15

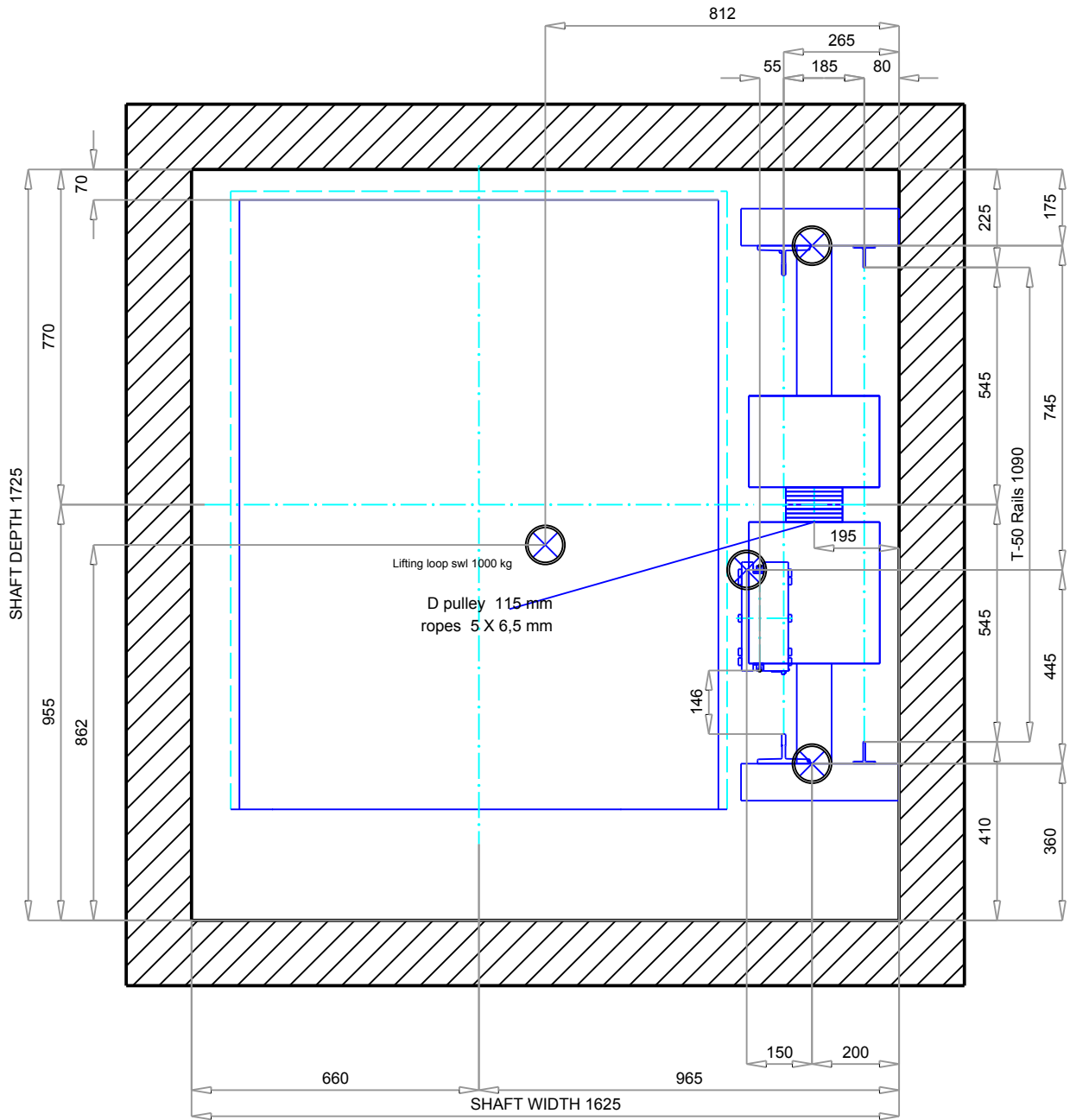
CUSTOMER XXX
ADDRESS xxx
CITY Praha



Orona 	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 7/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



MACHINE VIEW

Scale 1/15

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



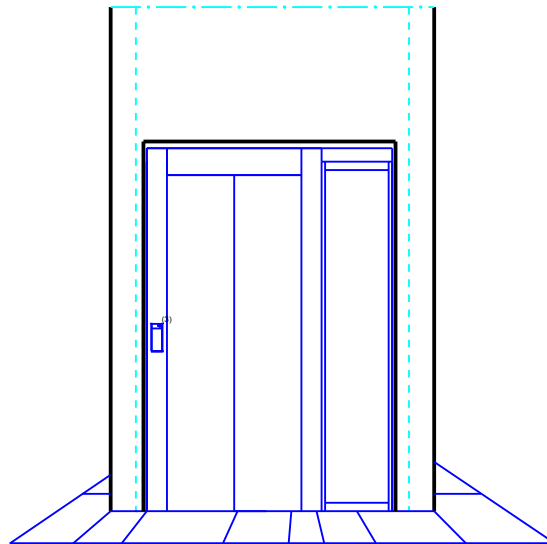
DRAWN 10/04/2018
 EXJ600000
 CHECKED

SCALE
 UNIT mm

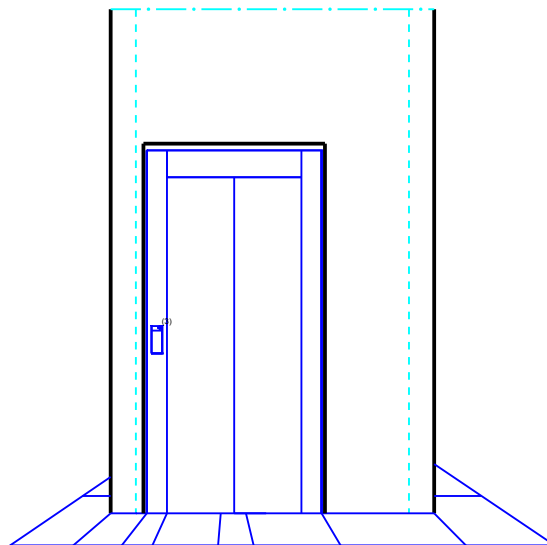
DRAWING N°
 PAGE 8/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level 4



Doors on level 0, 1, 2, 3

(3) LOP

CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000
CHECKED

SCALE
UNIT mm

DRAWING N°
PAGE 9/9

REF. 636483



**Dispoziční výkres
výtahu o nosnosti
1000 kg**

DRAFT DRAWING (NOT DEFINITIVE)

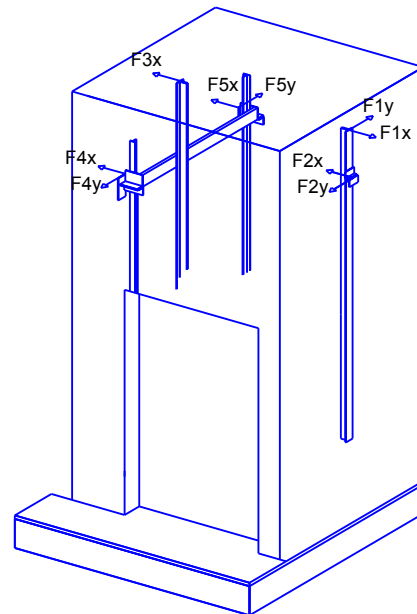
(EN 81-20/50)

MAIN FEATURES

Nominal load:	1000 kg 13 Passengers
Speed:	1 m/s
Travel:	12 m
N. of stops:	5
N° of acceses:	5
Lighting power:	230 V
Grid voltage:	400 V
N. of phases:	3 PHASES + NEUTRAL
Frequency:	50 Hz
Machine power:	7,3 kW
Heat rejected:	0,7 kW
Power grid supply:	8,8 kW
Nom. Current grid:	14,79 A
Max. Current grid:	16,49 A
Short circuit rating:	6 KA
Controller type:	UNIVERSAL SIMPLEX
Deadweight car+frame:	825 kg
Number of ropes :	5
%Counterweighed:	50 %

LOADS IN DaN

P1: ±5350 daN	P8: ± daN
P2: ±3700 daN	P9: ± daN
P3: ±2000 daN	P10: ± daN
P4: ±2650 daN	P11: ±0 daN
P5: ± daN	P12: ±0 daN
P6: ± daN	P13: ± daN
P7: ± daN	P14: ± daN
F1x: 10 daN	F4x: 40 daN
F1y: 450 daN	F4y: 200 daN
F2x: 30 daN	F5x: 40 daN
F2y: 450 daN	F5y: 230 daN
F3x: 420 daN	



RANGING MEASURES MRL

X1: 86 mm	Y1: 1386 mm
X2: 281 mm	Y2: 1064 mm
X3: mm	Y3: 1386 mm
X4: mm	Y4: 1064 mm

CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000

SCALE

DRAWING N°

CHECKED

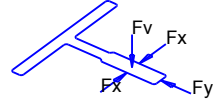
UNIT mm

PAGE 1/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)

	CAR GUIDE	COUNTERWEIGHT GUIDE
Guide type	T-125 L1/A	T-70/A
Clip type	SL3	SL2
MAX DISTANCE BETWEEN BRACKETS [mm]	2410	3500
Fx max [daN]	279,26	5,56
Fy max [daN]	93,77	35,93
Fv max [daN]	1968,64	116,54
s perm [N/mm ²]	156,66	125,33
s max [N/mm ²]	156	39,54
d perm [mm]	5	10
d guide max X [mm]	2,57	0,9
d guide max Y [mm]	1,65	2,66
d str max [mm]	0	0



* Information about guides and flanges available on Orona's web 'Documentation per OV'

REMARKS

- All the conditions in the document 'Work preparation guide' must be followed

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



DRAWN 10/04/2018
 EXJ600000

SCALE

DRAWING N°

CHECKED

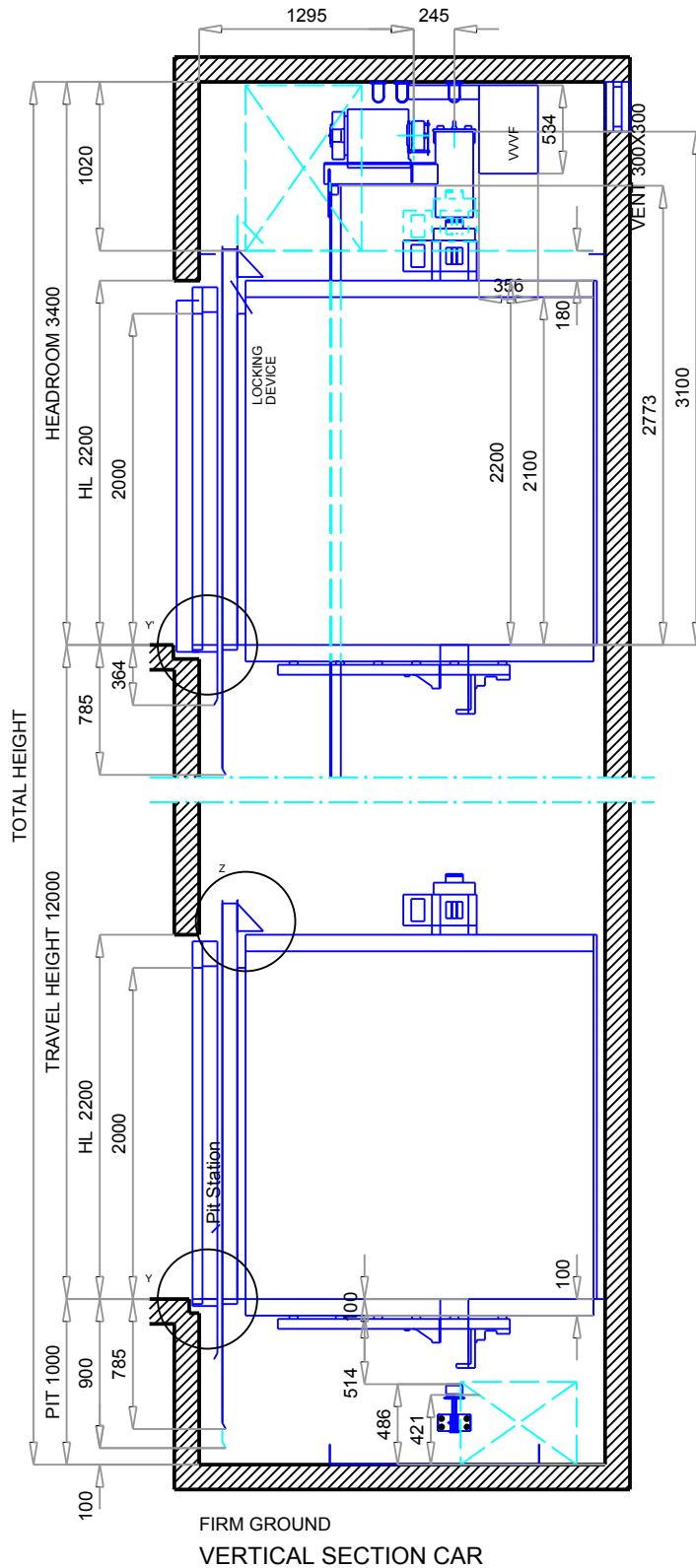
UNIT mm

PAGE 2/9

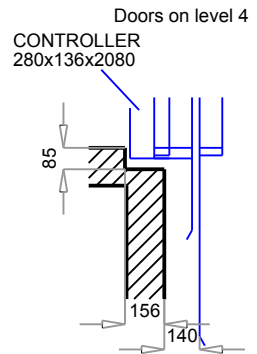
REF.

636483

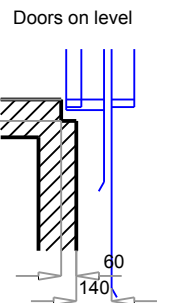
DRAFT DRAWING (NOT DEFINITIVE)



Y' DETAIL



Y DETAIL



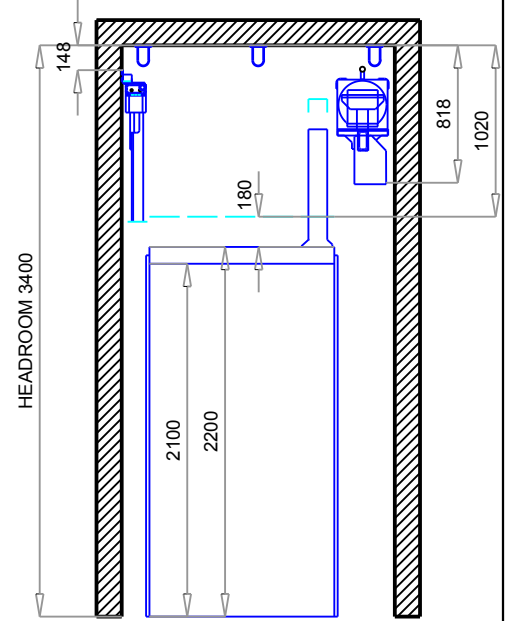
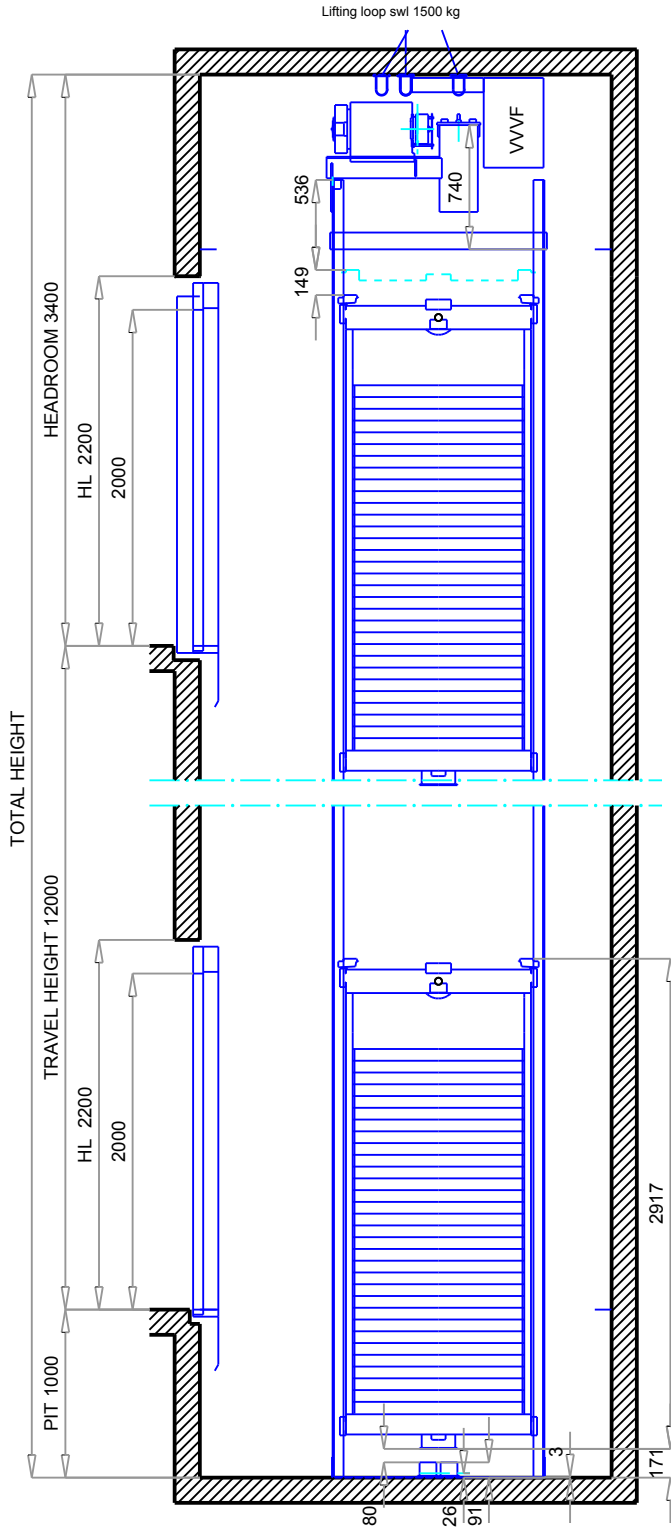
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 4/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



FIRM GROUND
VERTICAL SECTION COUNTERWEIGHT

CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000

CHECKED

SCALE

UNIT mm

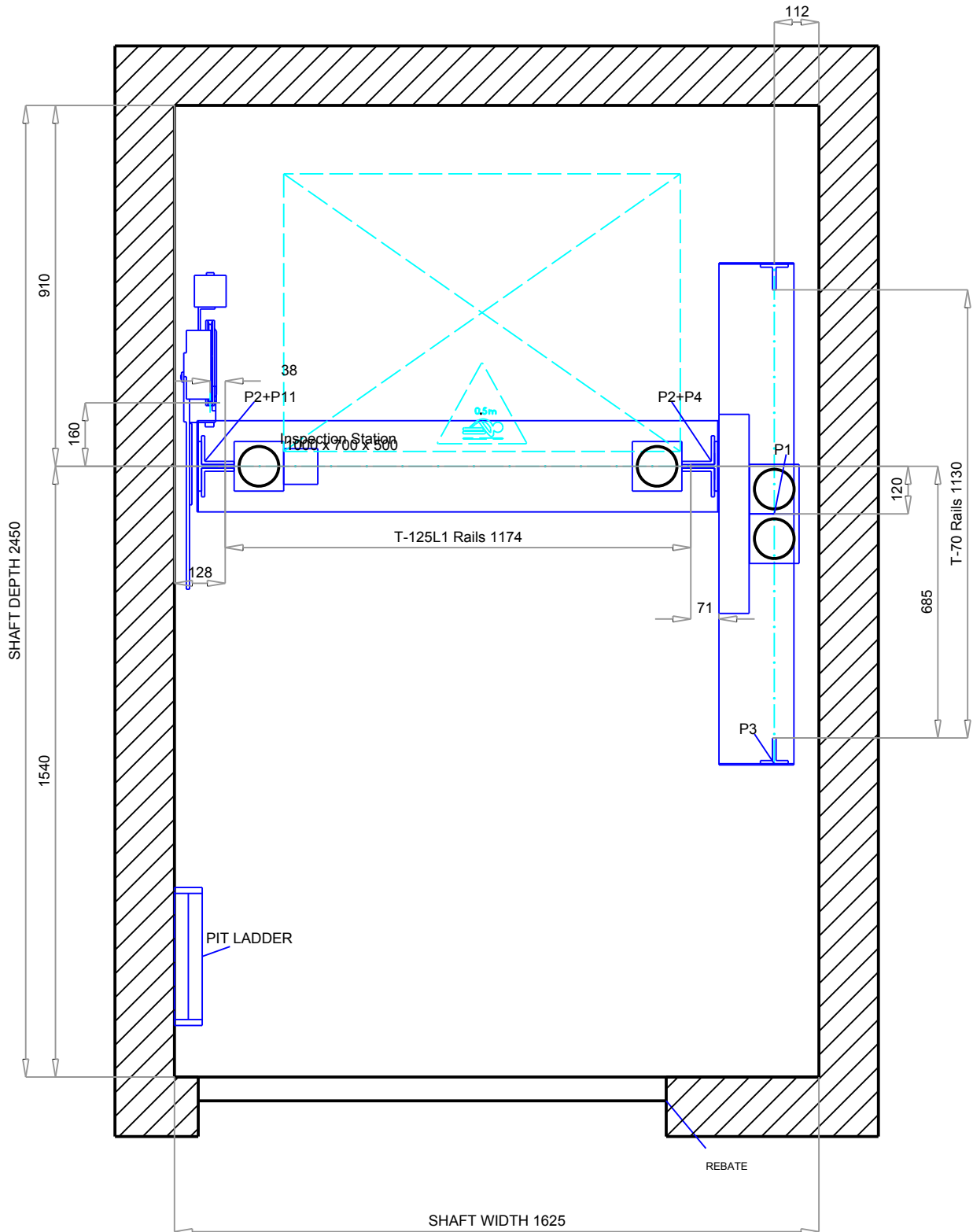
DRAWING N°

PAGE 5/9



REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



PLAN ON PIT

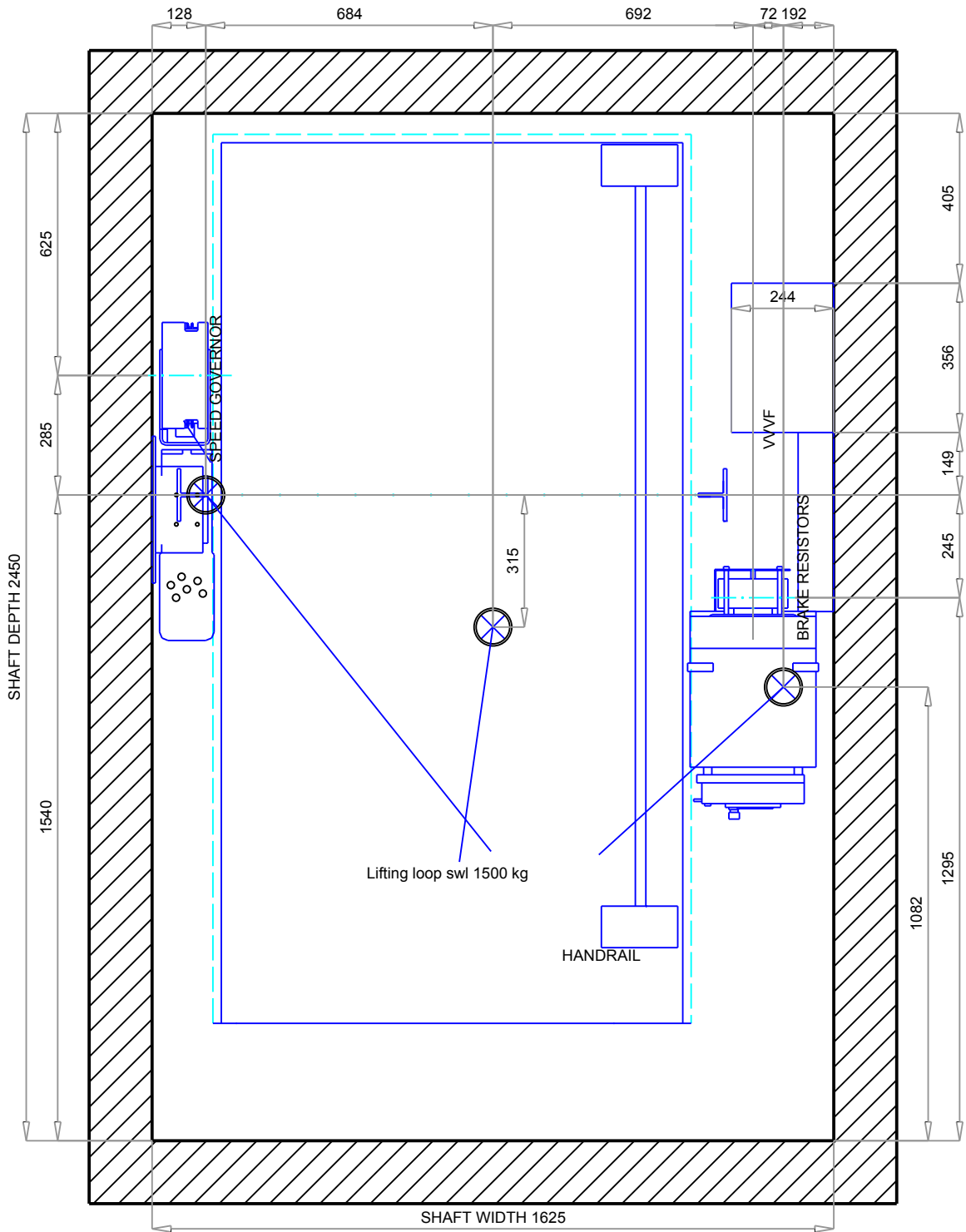
Scale 1/15

CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°	REF. 636483
	CHECKED		UNIT mm	PAGE 7/9	

DRAFT DRAWING (NOT DEFINITIVE)



MACHINE VIEW

Scale 1/15

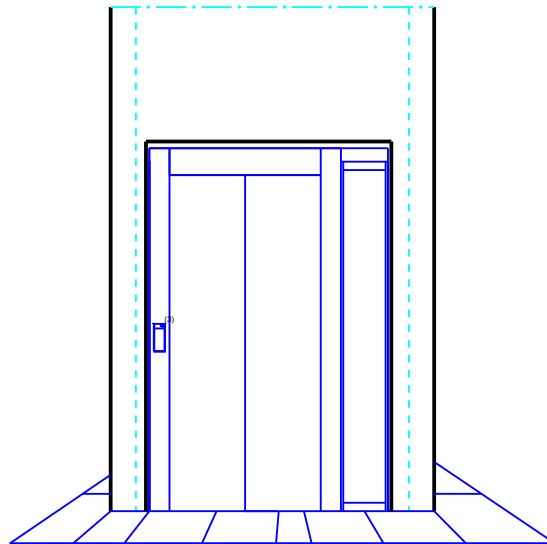
CUSTOMER XXX
 ADDRESS xxx
 CITY Praha



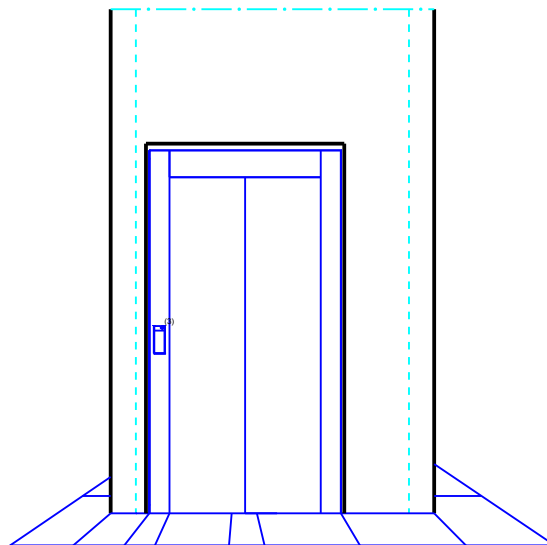
	DRAWN	10/04/2018 EXJ600000	SCALE	DRAWING N°
	CHECKED		UNIT mm	PAGE 8/9

REF. 636483

DRAFT DRAWING (NOT DEFINITIVE)



Doors on level 4



Doors on level 0, 1, 2, 3

(3) LOP

CUSTOMER XXX
ADDRESS xxx
CITY Praha



DRAWN 10/04/2018
EXJ600000
CHECKED

SCALE
UNIT mm

DRAWING N°
PAGE 9/9

REF. 636483