



A

# ACCESSIBILITY

**Modular self-supporting structure HIPUR "ACCESSIBILITY"**  
The complete solution for total elimination of architectural barriers in buildings without lift



This Catalogue describes the 6 main HIPUR “Accesibilidad” models covering 70% of solutions for accessibility works, with installation of a new stair and lift with stop at level 0. For the remaining 30% of solutions, HIPUR Group has computing tools and highly skilled staff who shall study and design each case in unitary and singular way, in order to adapt our Product and make possible the installation of a lift with stop at level 0.

We have the perfect solution for you, in compliance with the current European Standards, including Regulations UNE-EN 1090-1:2009 + A1:2011 for EC marking of Steel Structures; we are accredited by ENAC with Registration Number 2375/CPR/14/1302.

The modular self-supporting structure HIPUR “ACCESIBILIDAD” model for stair transformation is patented with a complete prefabricated modular design and its resistant capacity is certified through a static and dynamic analysis by the College of Architects of Madrid and the College of Engineers of Madrid (dossier no.: TL/007654/2013 30/04/13 COAM, – dossier no.: TL/011436/2011 29/04/2011 COAM and dossier no.: 200713773 04/10/13 COIIM).

3D-fully designed product with load survey certification made with ANSYS program. Manufacture consisting of metal profiles made of DX51D galvanized steel. Configuration consisting of front and rear vertical (pillars) and horizontal (stringers) profiles with a wide range of specific geometries for each Project. It is therefore a customized manufacture, so that one only and complete solution is generated for the work, consisting of pillars, strings, walkways, steps and banisters made of folded metal profiles according to the Project, aluminium carpentry, subsequent cladding with Pladur and floor-laying with porcelain stoneware to select amongst HIPUR standard models, also being possible the valuation of floor-laying with granite or marble according to specification.

It complies with the Royal Decree 1314/1997 rules, Directive 89/106/CEE (UNE-EN10025), Directive 95/16/CE (29/06/1995) and EN 81-1/2 (02/08/1998), DB-CTE-SI: Safety in case of fire, DB-CTE-SEA: Structural safety for steel, DB-CTE-SE-AE: Structural safety to act in building construction, Closing panel strength Certification according to Standard UNE-EN-81-1 and 2, section 5.3.1.

Finish painted in polyester for indoors and outdoors in RAL colour to be determined by the Client (183 standard colours).

Top outer closure made up of lacquered sheet with the same finish as the rest of the Product, with one only slope for water evacuation and inclusion of specific slots for the space ventilation.

Thanks to our patented Modular Assembly System, it is not necessary tenants vacate their homes during the work. The disassembly and assembly of the current stair is performed through scheduled performance of construction work, with duration of one day per floor, which is equivalent to 5 floors/5 days of work performance. In each of the scheduled days, only the affected residents of the floor under construction work shall have no possibility of using the stair for a period of 8 hours, which is the estimated time we took to carry out the disassembly of the current stair and assembly of the new modular model; so the usual service with the new stair shall be being provided to the residents association after these 5 days. This working system greatly benefits the end user of the service, minimizing the damage caused by the work.

Subsequent to this disassembly and assembly work, the floor, wall and ceiling cladding and plaster work shall be carried out in usual work times.

This Modular Assembly System has many benefits, including the following:

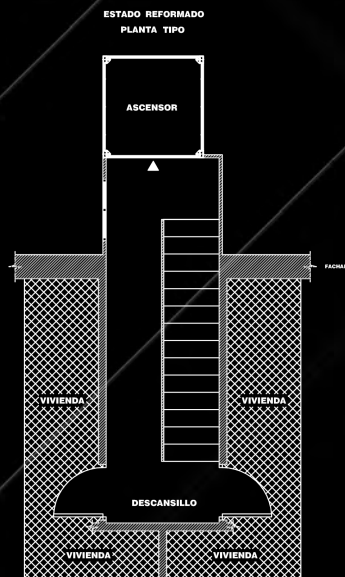
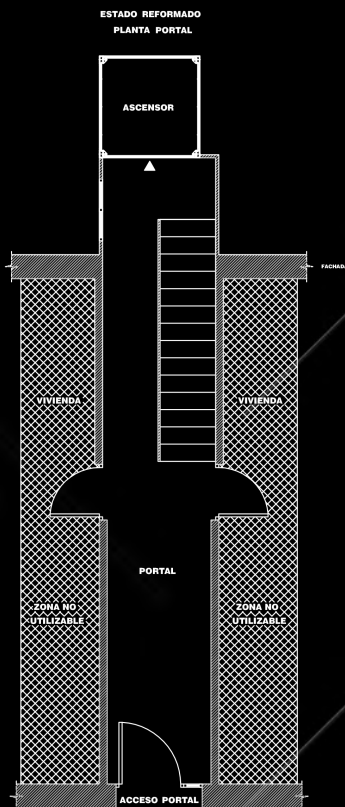
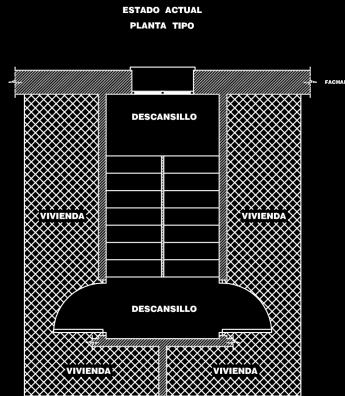
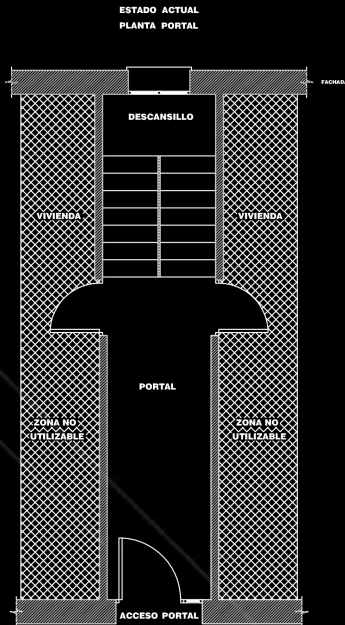
1. It is not necessary housing evacuation at any time.
2. Economic saving.
3. Work schedule.

A



# MODEL 1

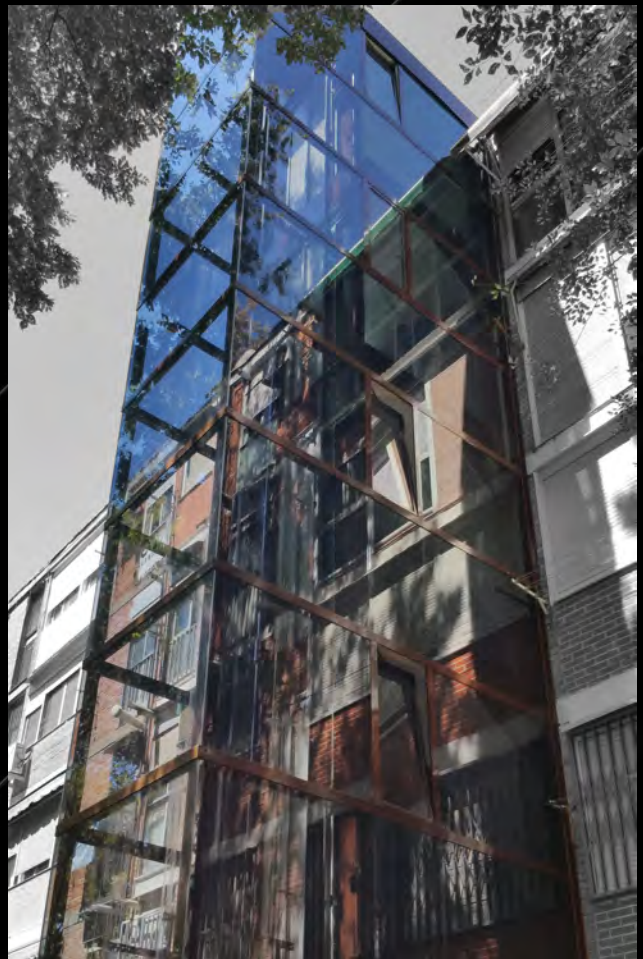
This solution is adopted when the authorities allows the occupation of public land and the thoroughfare is wide enough for such occupation without any kind of restriction. By implementing this solution, we carry out the total reconstruction of the stair, creation of new landings and installation of a lift on the outside of the building to provide service for the users of the floor.



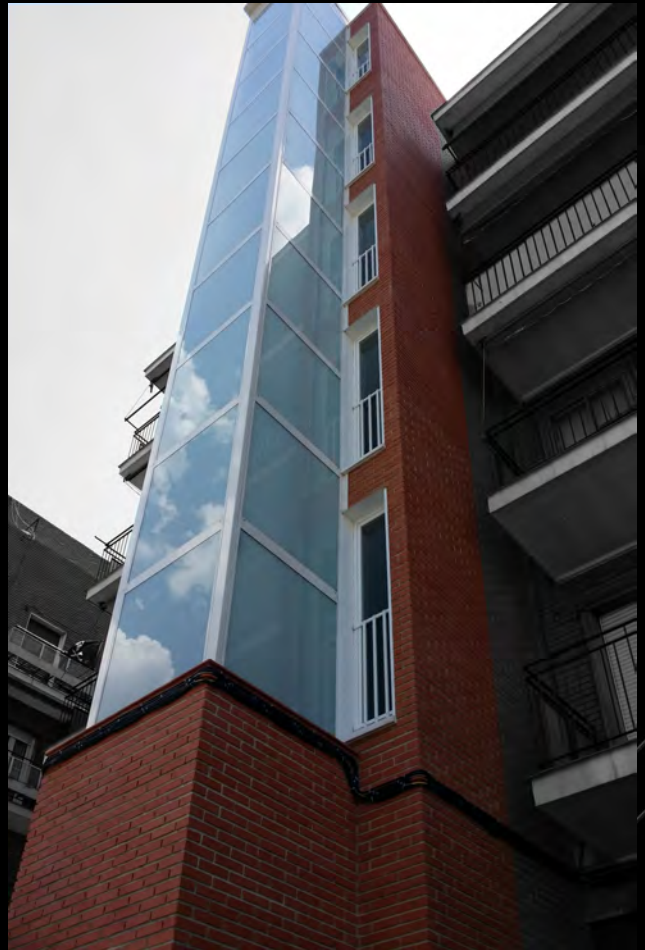




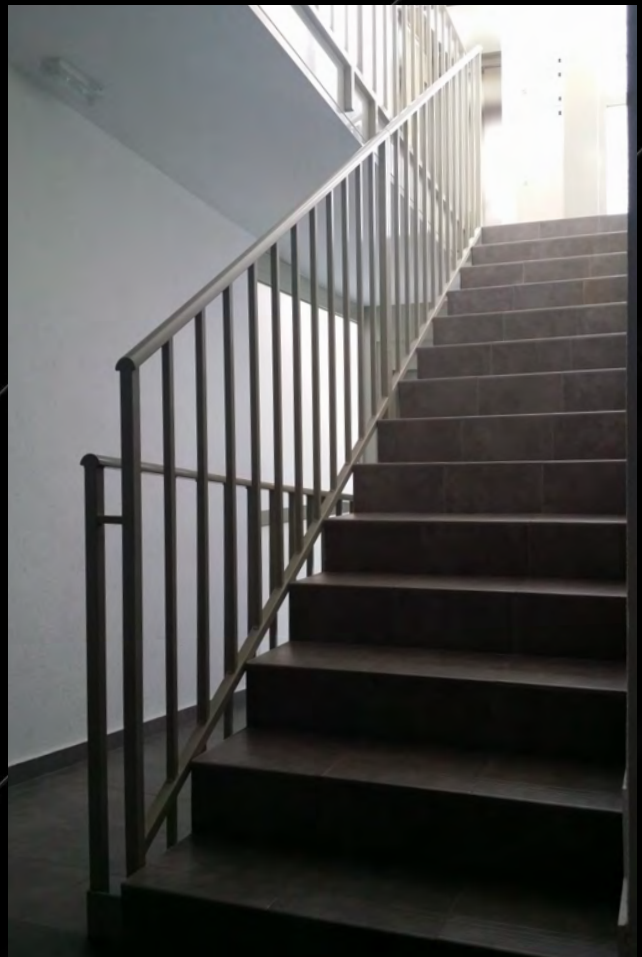












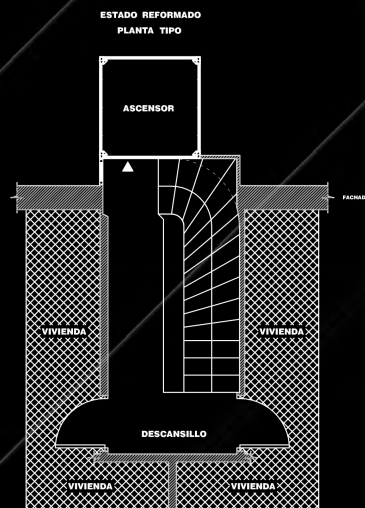
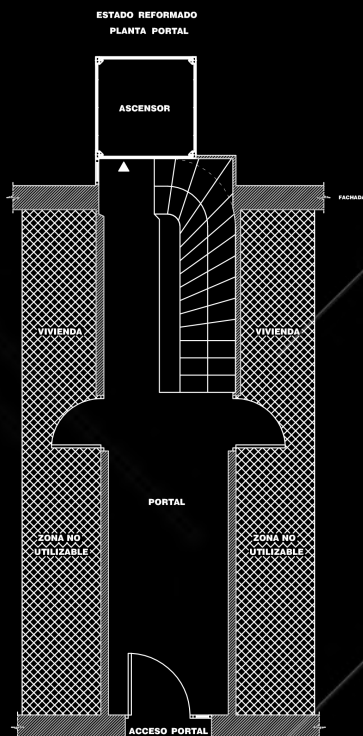
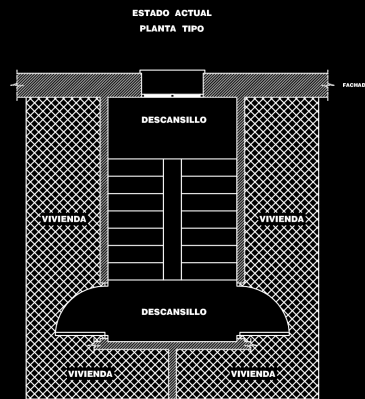
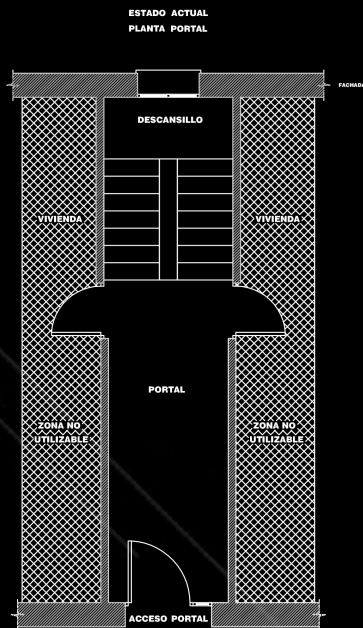






## MODEL 2

This solution is adopted when the authorities allows the occupation of public land and the thoroughfare is not wide enough for such occupation without any kind of restriction. By implementing this solution, we carry out the total reconstruction of the stair, creation of new common landings for the stair and the lift, in order to occupy a minimum road space, and installation of a lift on the outside of the building to provide service for the users of the floor.



COTAS EN MILIMETROS













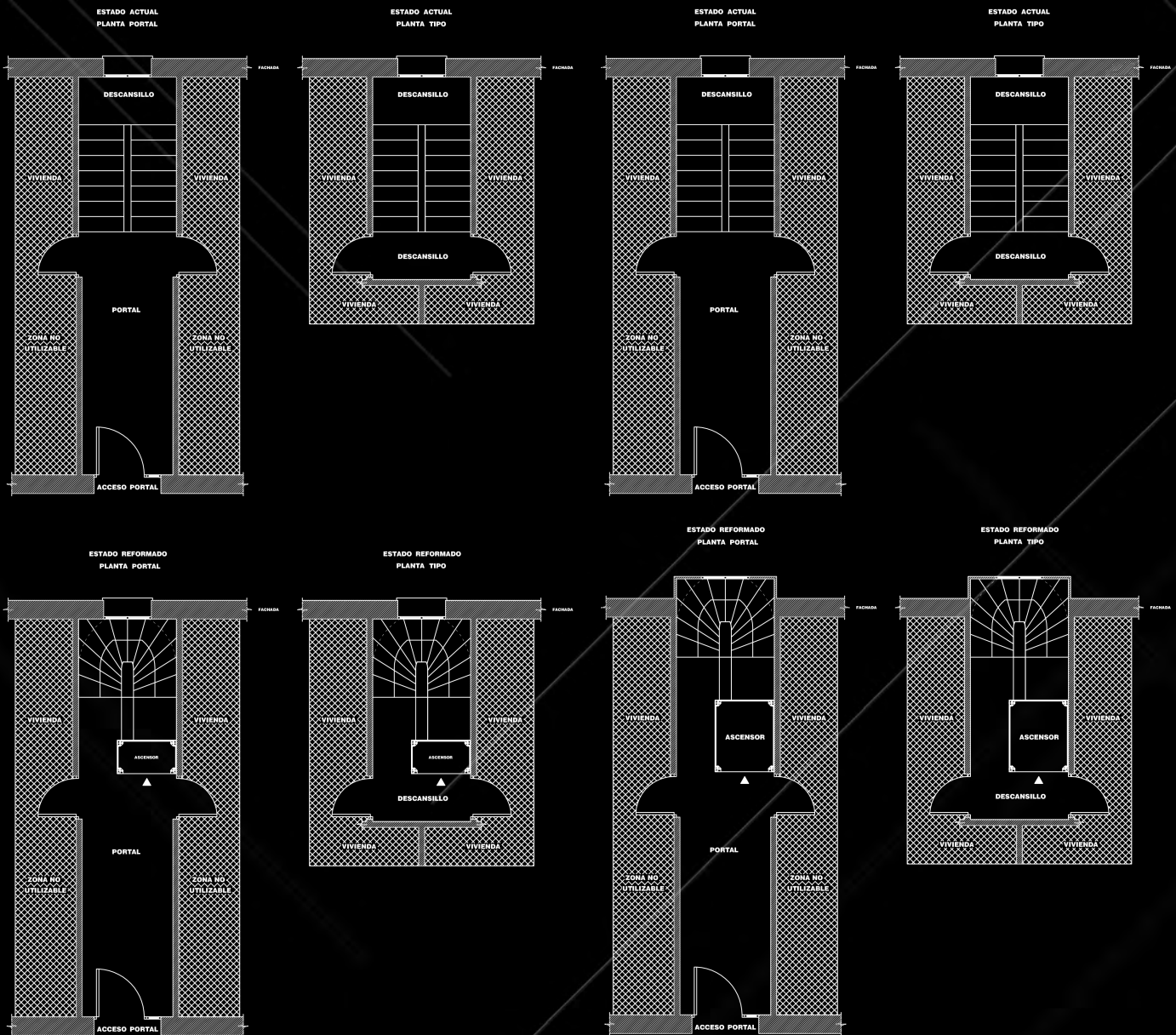


# MODEL 3/3-1

This solution is adopted when the occupation of public land is not possible. By implementing this solution, we carry out the total reconstruction of the stair, creation of new landings and installation of a lift in the available outdoor area to provide service for the users of the floor.

## MODEL 3

## MODEL 3-1













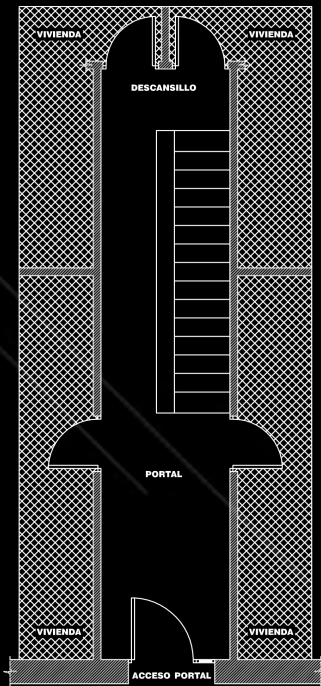




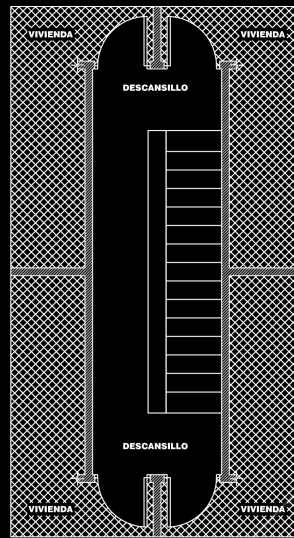
# MODEL 4

This solution is adopted because of the interior layout of the housings in the building and the lack of connection between the existing stair and the outside of the building. By implementing this solution, we carry out the total reconstruction of the stair and the installation of a lift in the available outdoor area to provide service for the users of the floor.

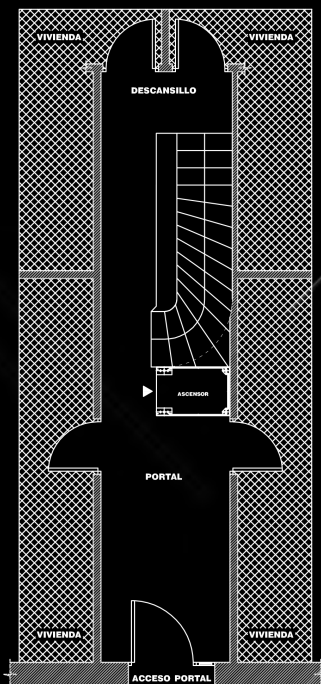
ESTADO ACTUAL  
PLANTA PORTAL



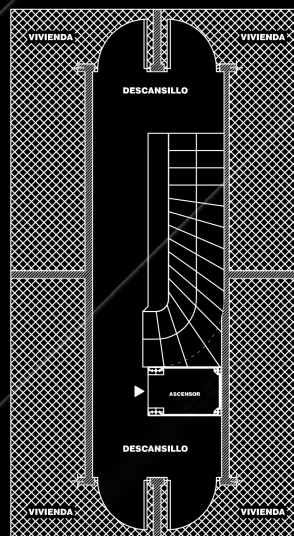
ESTADO ACTUAL  
PLANTA TIPO



ESTADO REFORMADO  
PLANTA PORTAL



ESTADO REFORMADO  
PLANTA TIPO



COTAS EN MILIMETROS



IV









IV

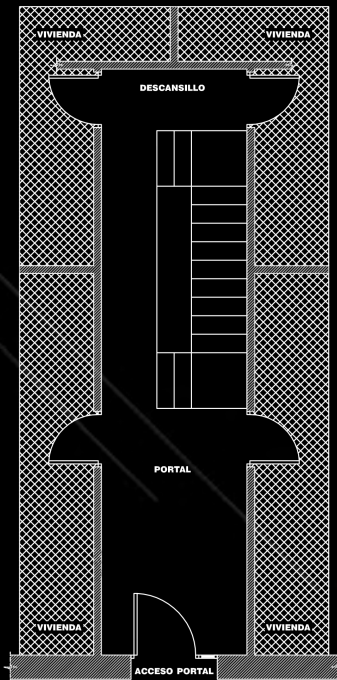




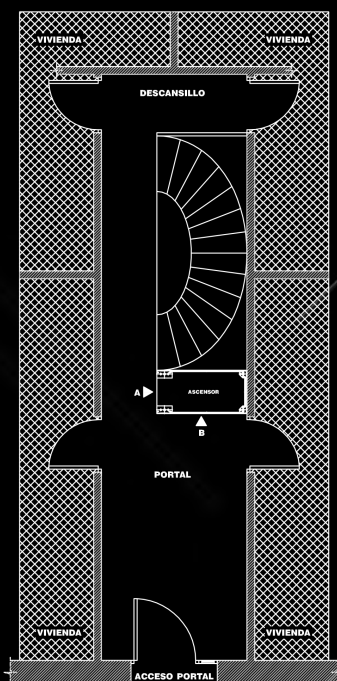
# MODEL 5

This solution is adopted because of the interior layout of the housings in the building and the lack of connection between the existing stair and the outside of the building. By implementing this solution, we carry out the total reconstruction of the stair and the installation of a lift in the available outdoor area to provide service for the users of the floor. This solution provides design and aesthetics.

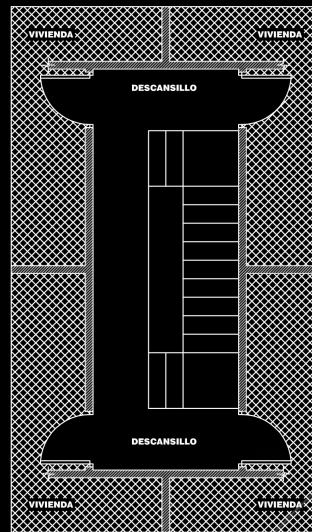
ESTADO ACTUAL  
PLANTA PORTAL



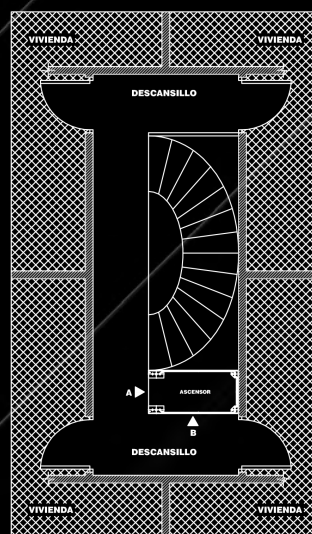
ESTADO REFORMADO  
PLANTA PORTAL



ESTADO ACTUAL  
PLANTA TIPO



ESTADO REFORMADO  
PLANTA TIPO



COTAS EN MILIMETROS



V









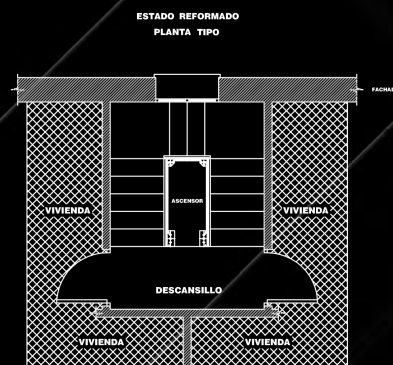
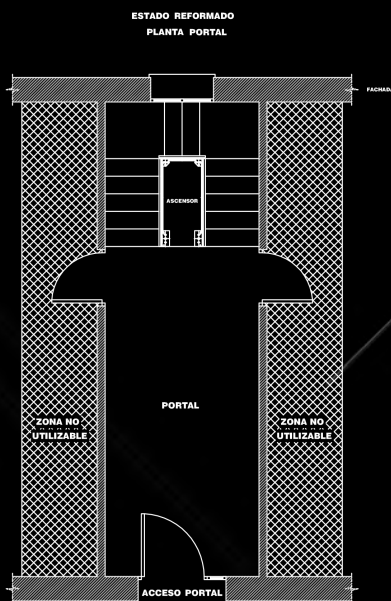
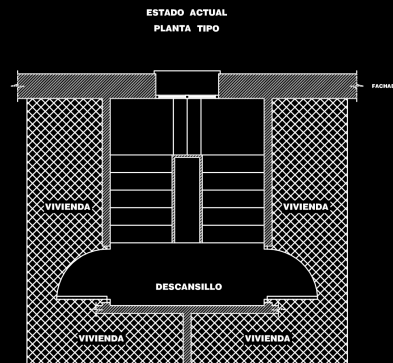
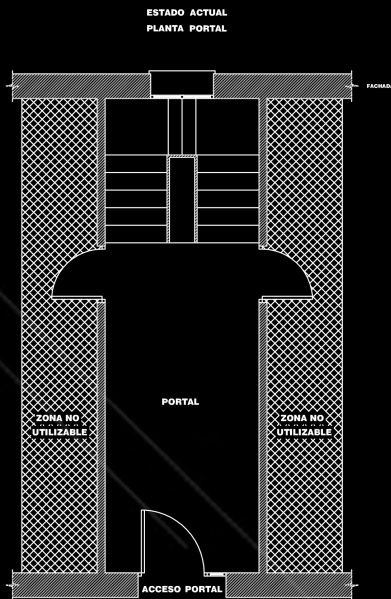
V





## MODEL 6

The usual technical solution for this type of installation, where the stairwell is wide, would consist of cutting the current stair steps and supporting the stair on the Modular Structure; but in this Model 6, when it's about old buildings where the stair has not appropriate safety or it is in a poor condition, we proceed to its total reconstruction and the installation of a lift in the available indoor area to provide service for the users of the floor.





VI

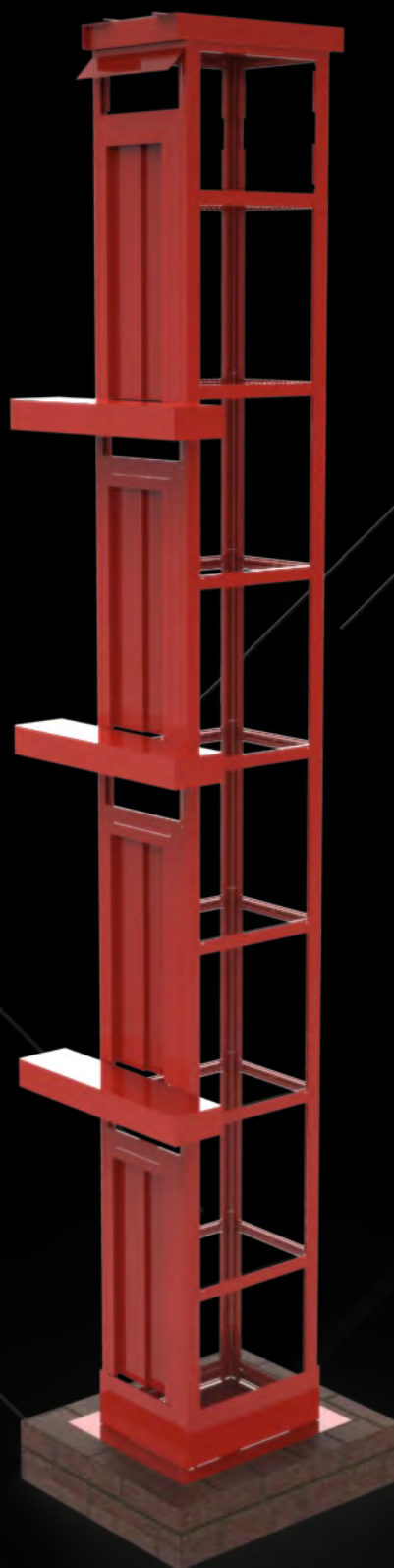
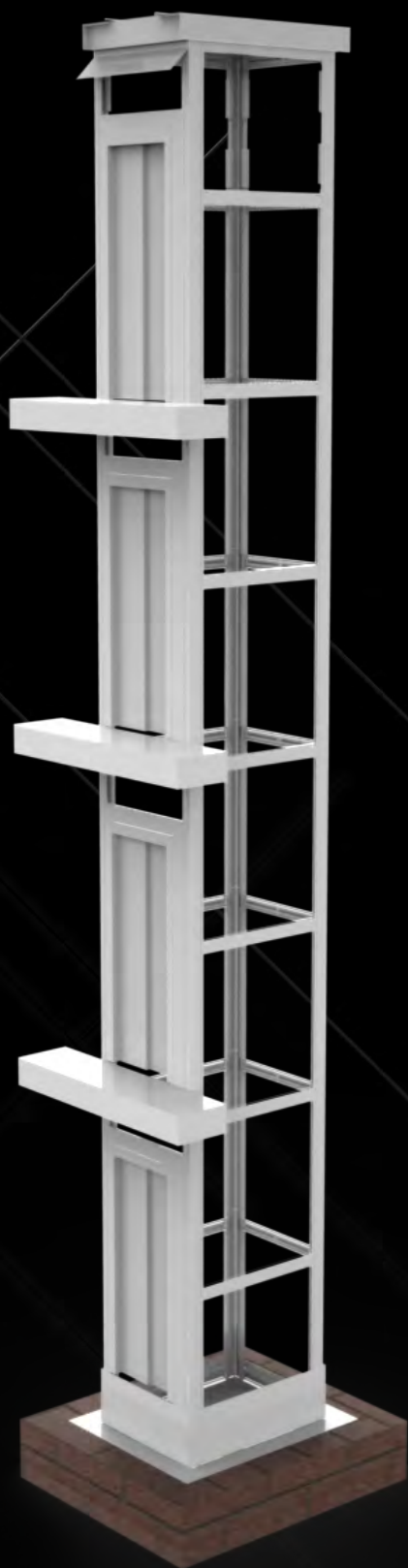






VI





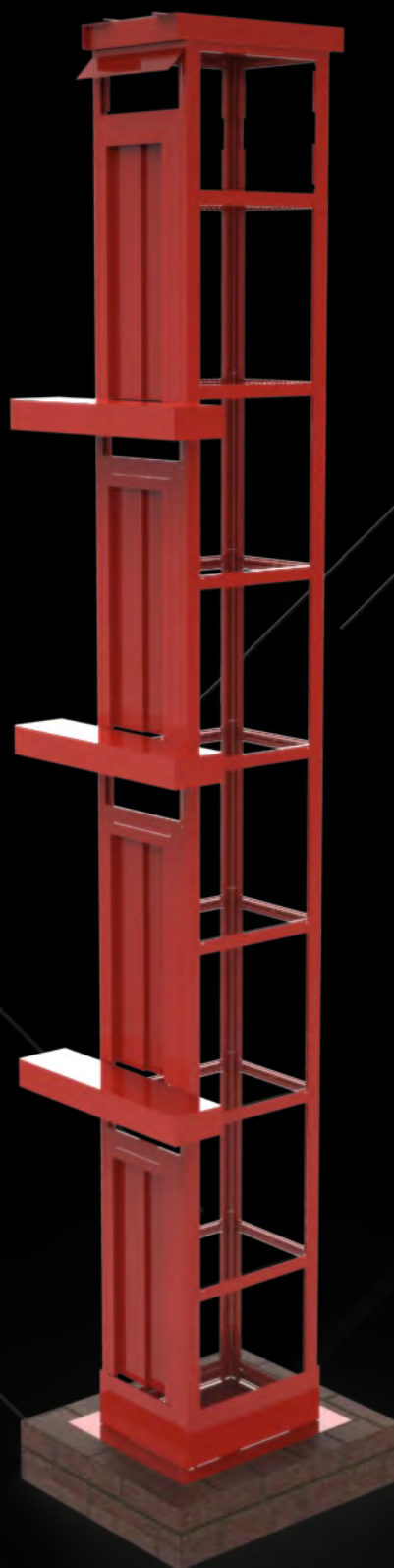
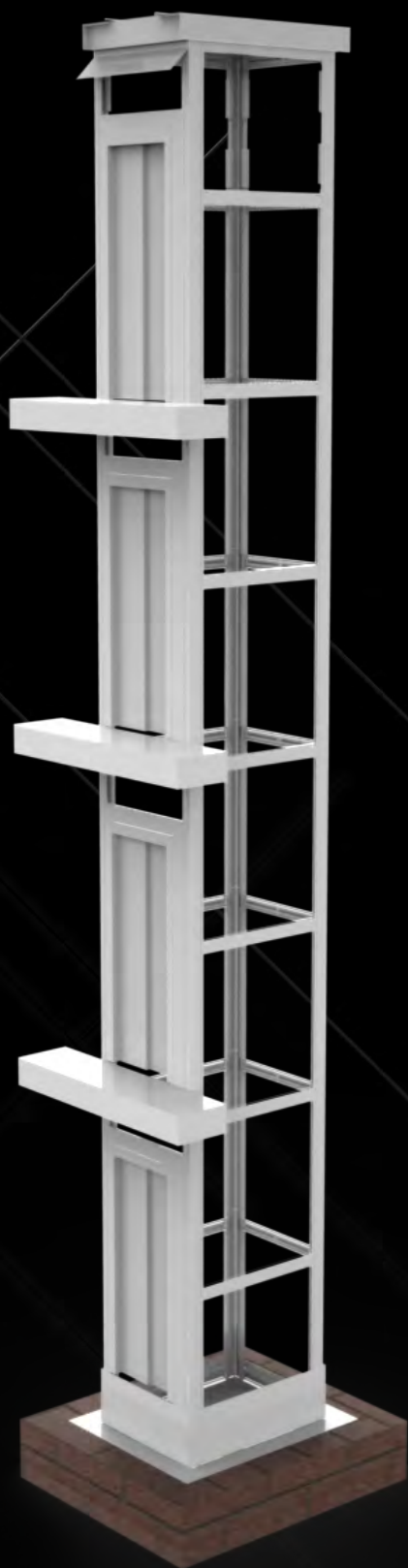


9016	9005
8011	7042
7016	6024
6005	5022
5002	3020
3004	2004
7032	1015

**RAL colours  
STANDARD**

R





R

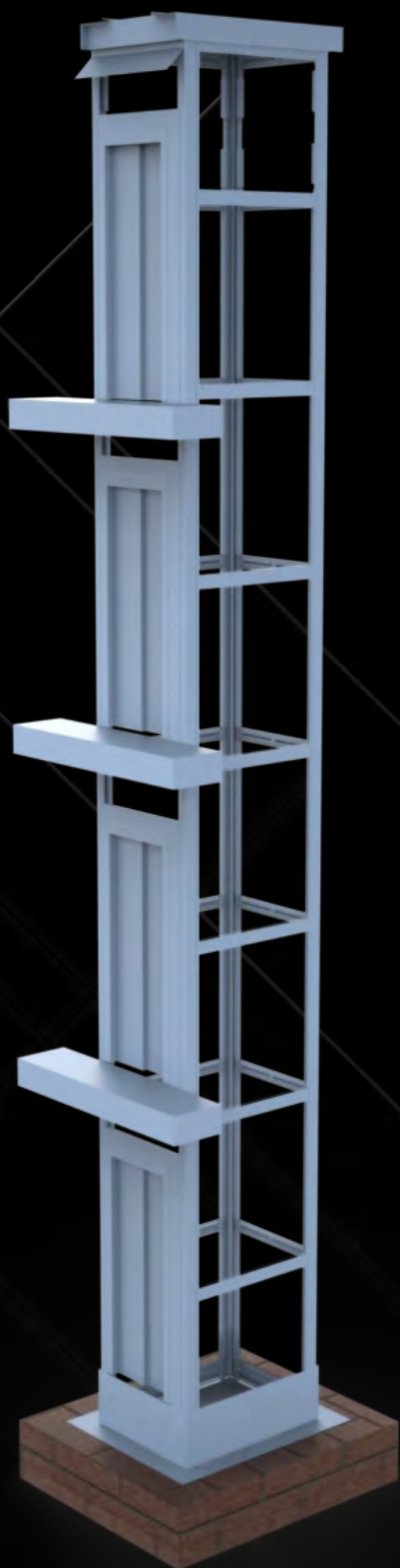


9016	9005
1014	7042
9002	6000
6005	5011
5002	3020
3004	8016
7032	6034

Colours RAL  
Standard  
Sandwich

R





C

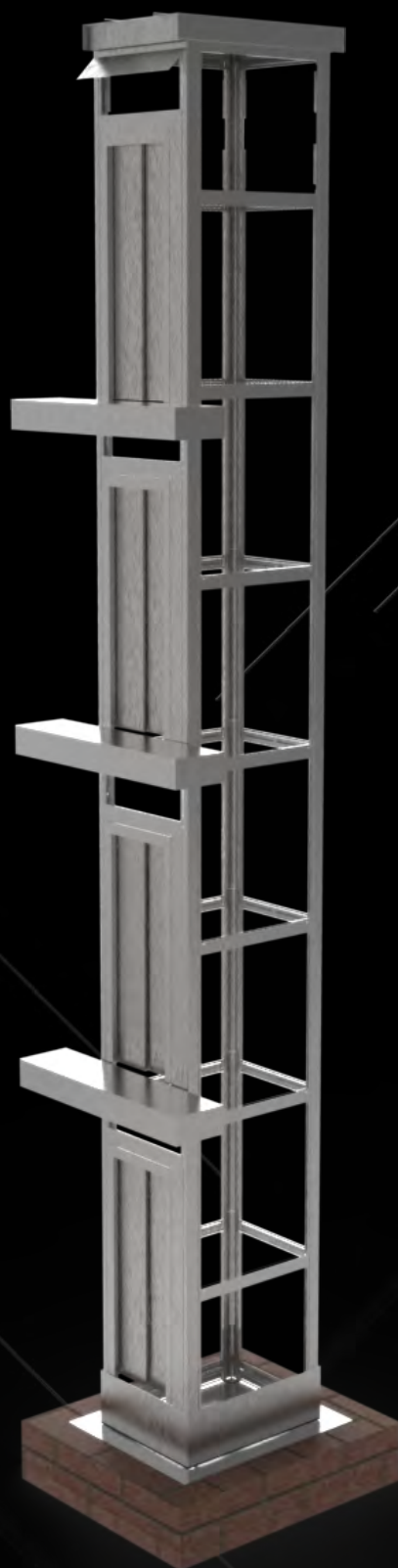
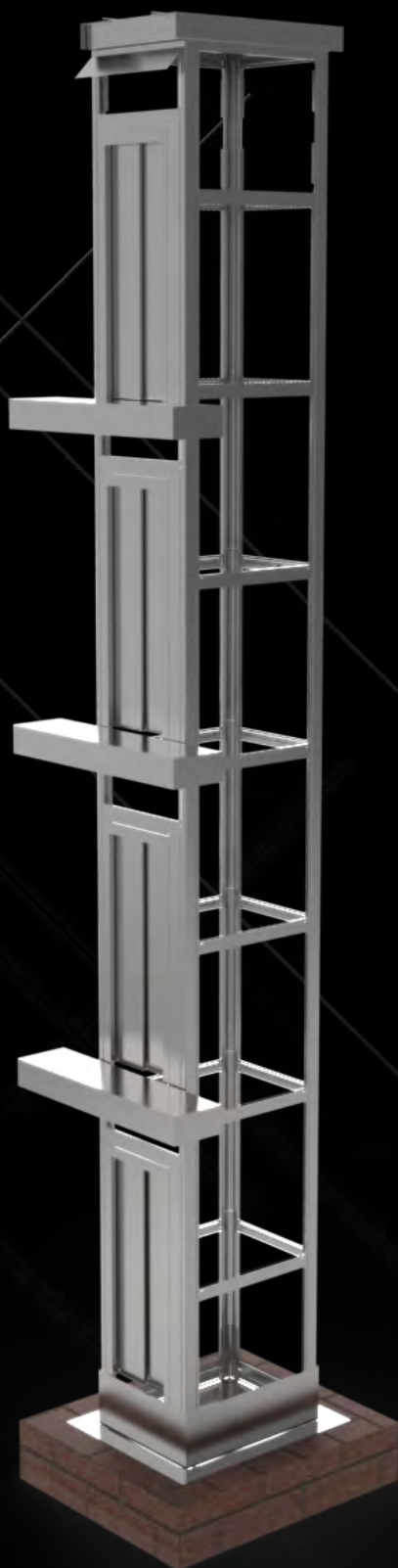


RAL 1000	RAL 1001	RAL 1002	RAL 1003	RAL 1004	RAL 1005	RAL 1006	RAL 1007
RAL 1011	RAL 1012	RAL 1013	RAL 1014		RAL 1016	RAL 1017	RAL 1018
RAL 1019	RAL 1020	RAL 1021	RAL 1023	RAL 1024	RAL 1027	RAL 1028	RAL 1033
RAL 1033	RAL 1034	RAL 2000	RAL 2001	RAL 2002	RAL 2003		RAL 2005
RAL 2008	RAL 2010	RAL 2011	RAL 2012	RAL 3000	RAL 3001	RAL 3002	RAL 3003
	RAL 3005	RAL 3007	RAL 3009	RAL 3011	RAL 3012	RAL 3013	RAL 3014
RAL 3015	RAL 3016	RAL 3017	RAL 3018		RAL 3022	RAL 3027	RAL 3031
RAL 4001	RAL 4002	RAL 4003	RAL 4004	RAL 4005	RAL 4006	RAL 4007	RAL 4008
RAL 4009	RAL 5000	RAL 5001		RAL 5003	RAL 5004	RAL 5005	RAL 5007
RAL 5008	RAL 5009	RAL 5010	RAL 5011	RAL 5012	RAL 5013	RAL 5014	RAL 5015
RAL 5017	RAL 5018	RAL 5019	RAL 5020	RAL 5021		RAL 5023	RAL 5024
RAL 6000	RAL 6001	RAL 6002	RAL 6003	RAL 6004		RAL 6006	RAL 6007
RAL 6008	RAL 6009	RAL 6010	RAL 6011	RAL 6012	RAL 6013	RAL 6014	RAL 6015
RAL 6016	RAL 6017	RAL 6018	RAL 6019	RAL 6020	RAL 6021	RAL 6022	
RAL 6025	RAL 6026	RAL 6027	RAL 6028	RAL 6029	RAL 6032	RAL 6033	RAL 6034
RAL 7000	RAL 7001	RAL 7001	RAL 7002	RAL 7003	RAL 7004	RAL 7005	RAL 7006
RAL 7008	RAL 7009	RAL 7010	RAL 7011	RAL 7012	RAL 7013	RAL 7015	
RAL 7021	RAL 7022	RAL 7023	RAL 7024	RAL 7026	RAL 7030	RAL 7031	
RAL 7033	RAL 7034	RAL 7035	RAL 7036	RAL 7037	RAL 7038	RAL 7039	RAL 7040
	RAL 7043	RAL 7044	RAL 8000	RAL 8001	RAL 8002	RAL 8003	RAL 8004
RAL 8007	RAL 8008		RAL 8012	RAL 8014	RAL 8015	RAL 8016	RAL 8017
RAL 8019	RAL 8022	RAL 8023	RAL 8024	RAL 8025	RAL 8028	RAL 9001	RAL 9002
RAL 9003	RAL 9004		RAL 9010	RAL 9011		RAL 9017	RAL 9018

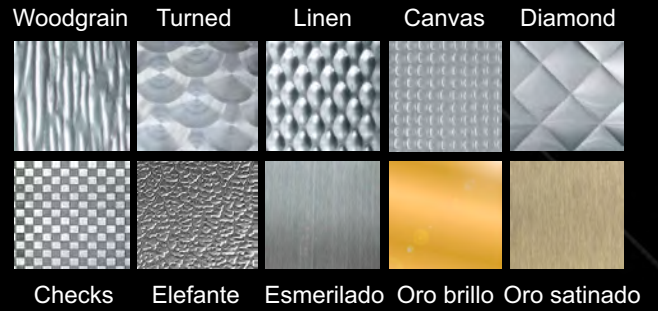
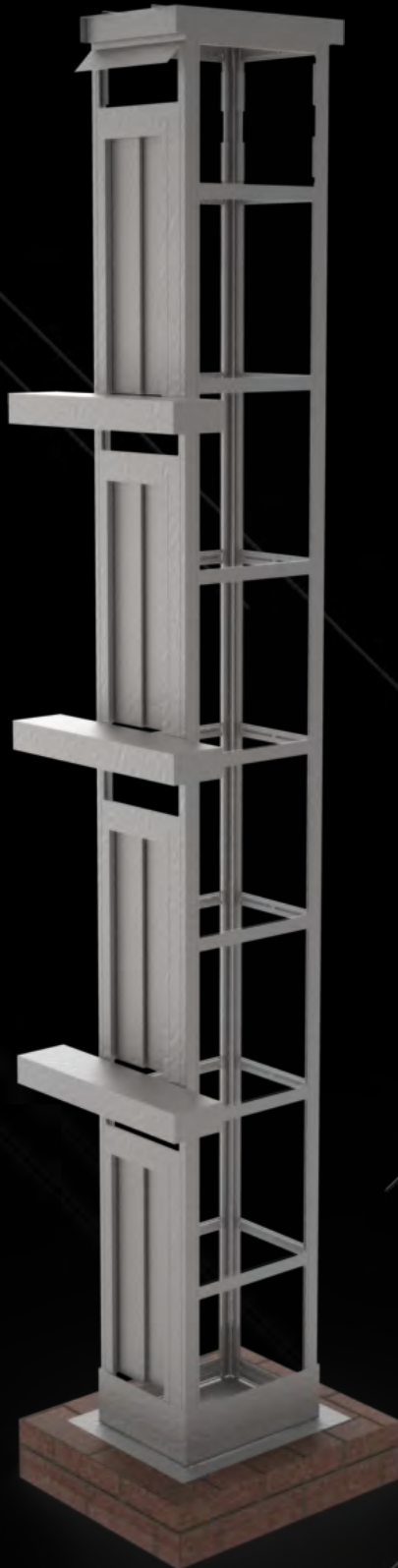
**SPECIAL**  
**Colours**  
 Pantone Oxiron Metallic  
 + Non-Standard RAL Colours

C





T



# SPECIALS

## Textures

stainless Special Materials

T



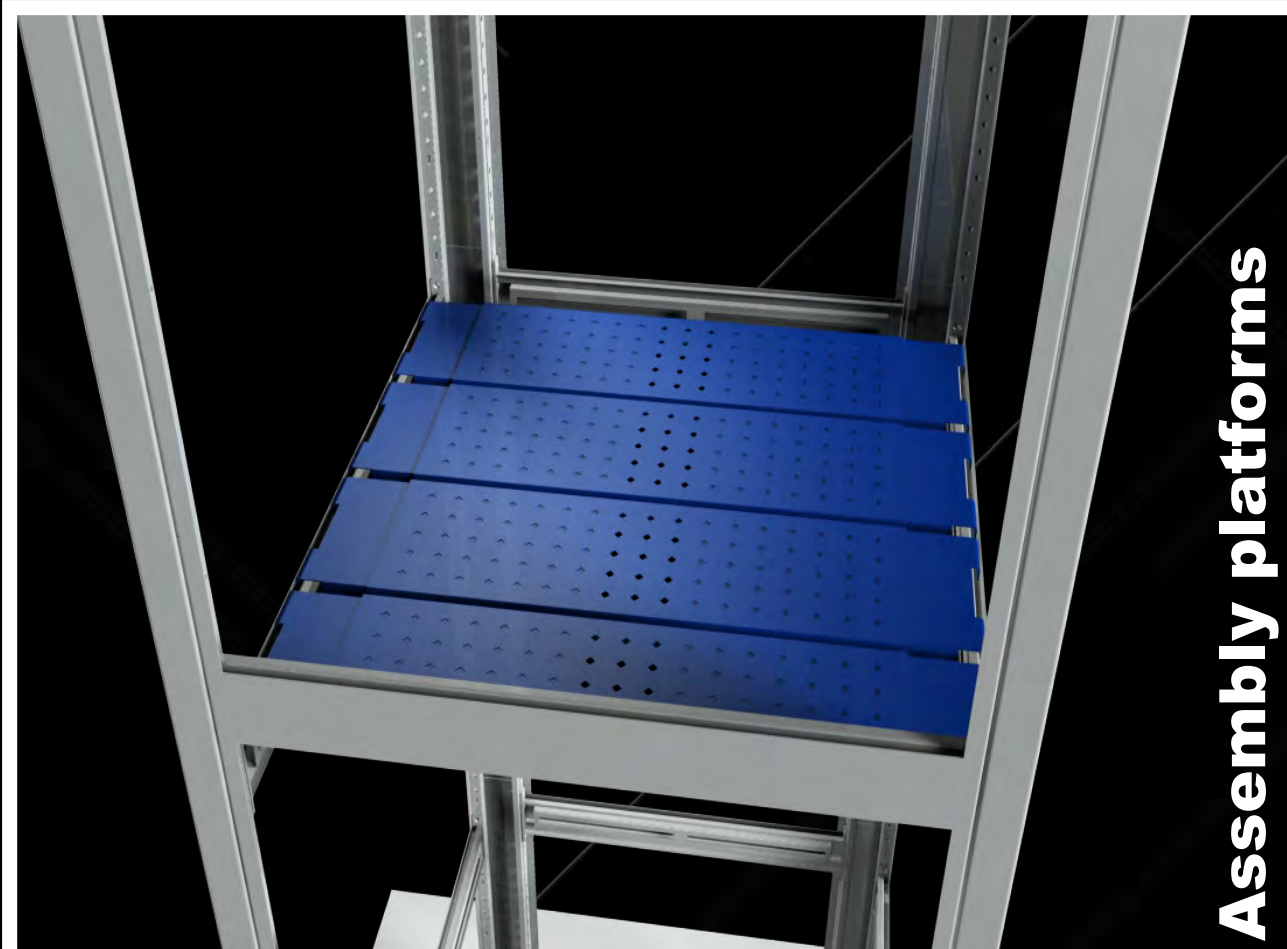
# Options 1

OPCIONALES 1	SI	NO
Paramento Rasante (Chapa Sándwich)	<input type="checkbox"/>	
Paramento Rasante (Vidrio Climallit) (*)	<input type="checkbox"/>	
Plataformas de Montaje	<input type="checkbox"/>	
Foso Colgado	<input type="checkbox"/>	
Fijaciones de Guías	<input type="checkbox"/>	
Fijaciones de Puertas	<input type="checkbox"/>	
Preparación Bancada de Máquina (SCME)	<input type="checkbox"/>	
Techo con parte central en Vidrio	<input type="checkbox"/>	
Remate de Peldaños	<input type="checkbox"/>	
Arriostramiento de Forjados	<input type="checkbox"/>	

(\*) Vidrios disponibles en gran variedad de colores, acabados y texturas

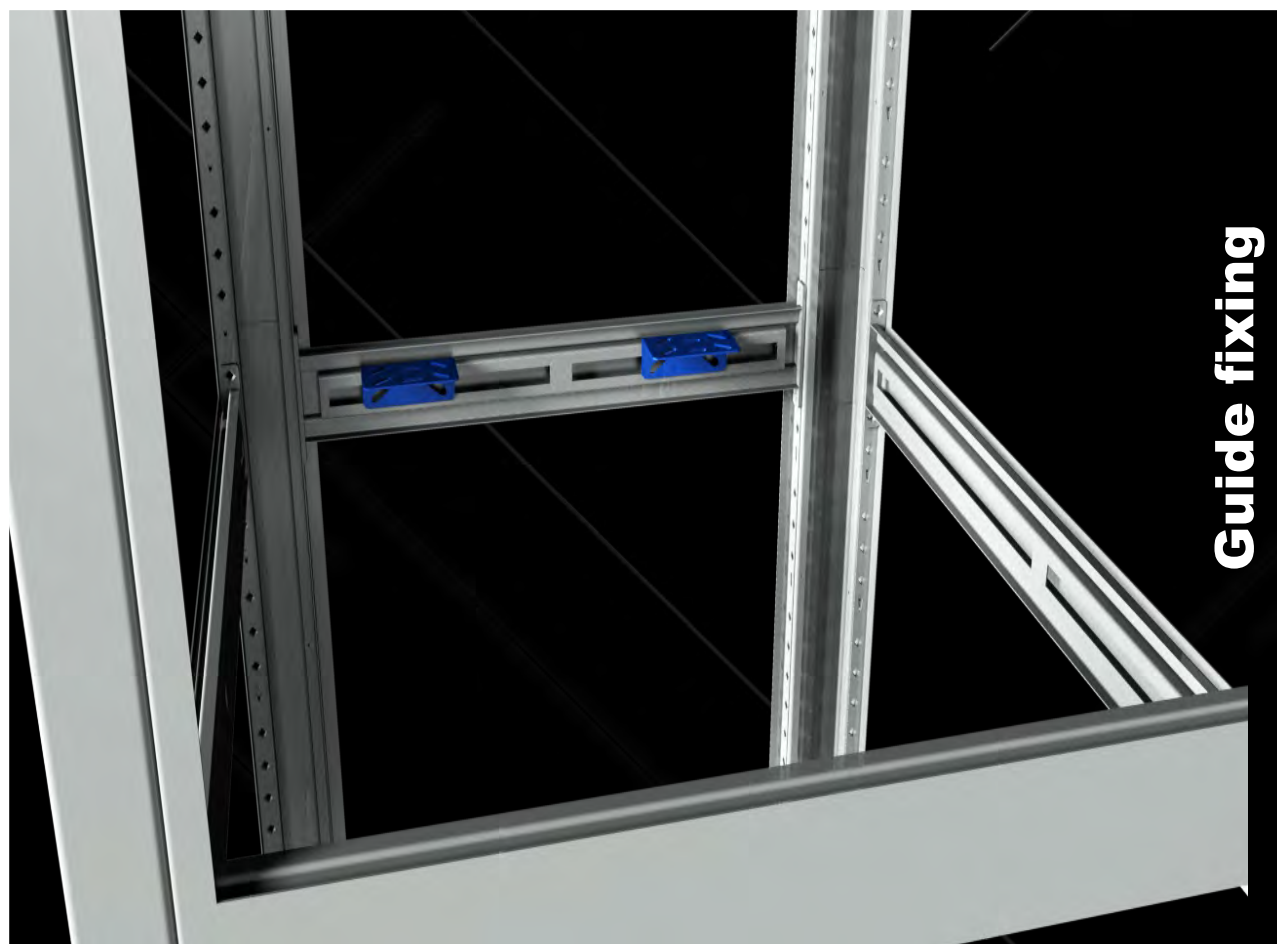


**Flush facing**



**Assembly platforms**



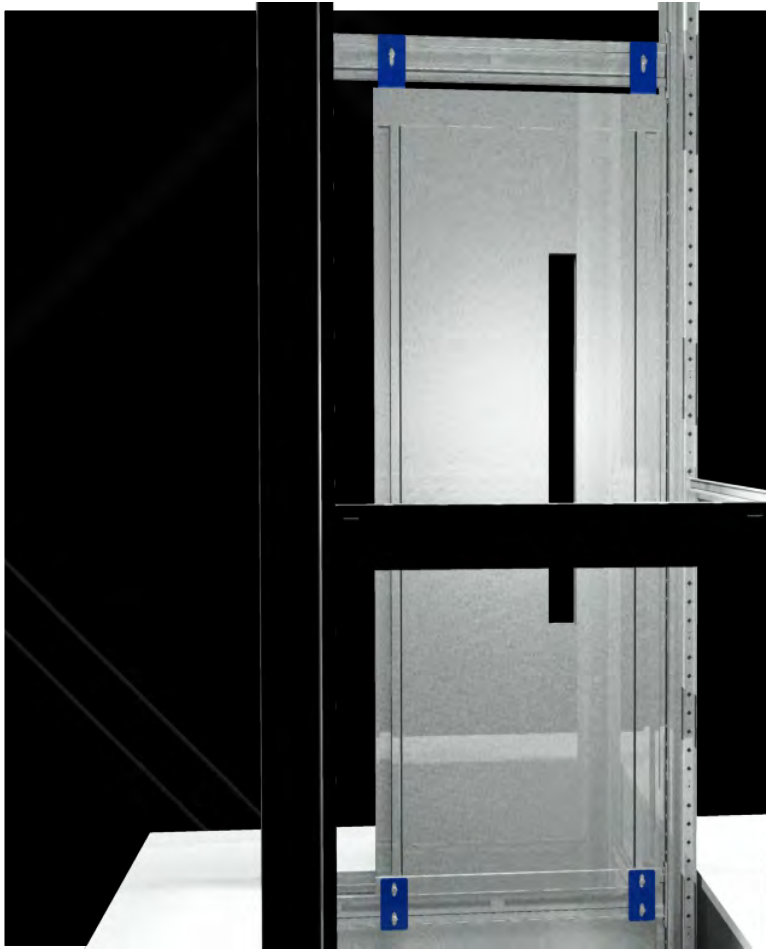


**Guide fixing**

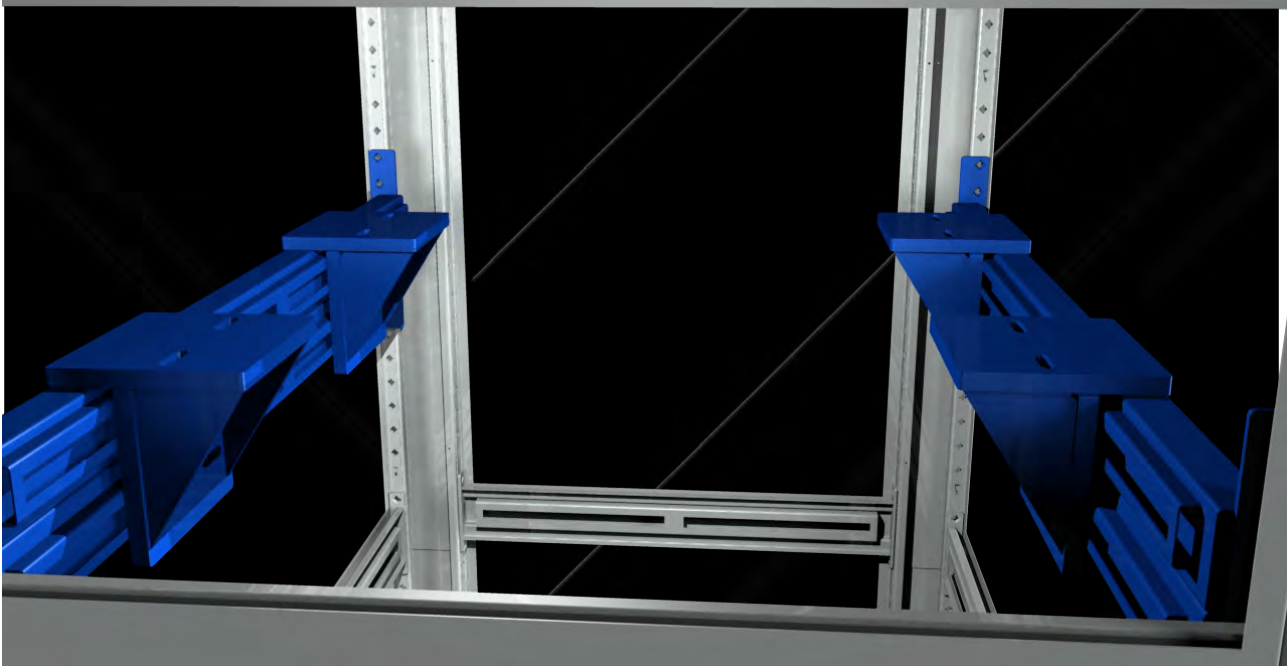


**Lift pit suspended from  
the slab**

## Door fixing

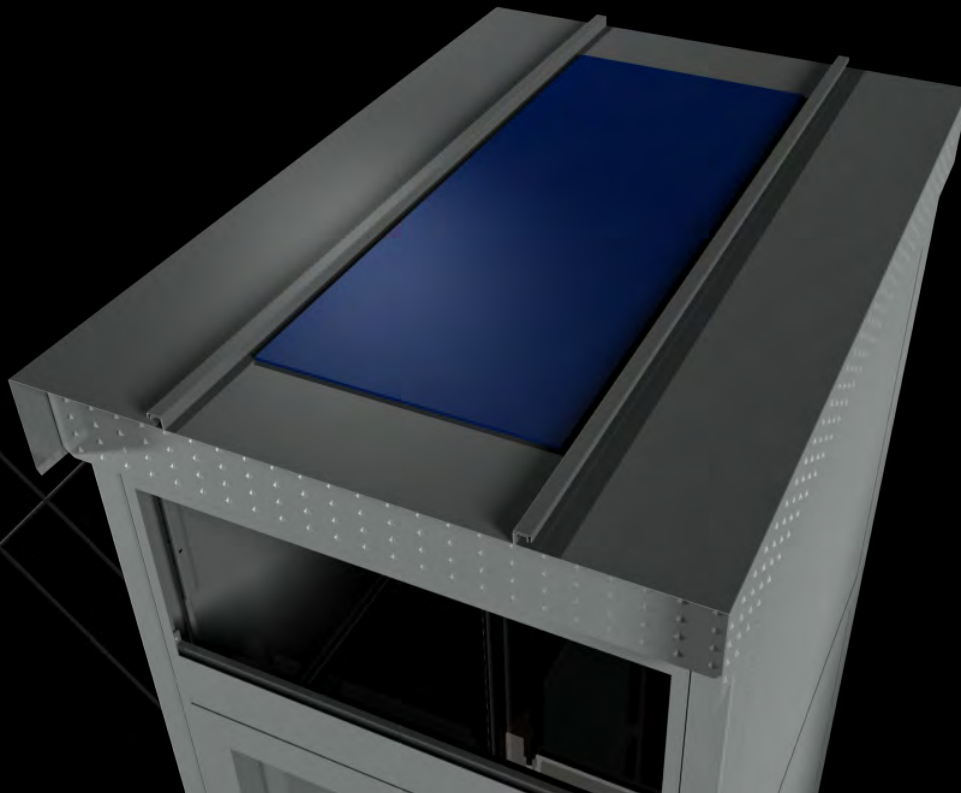


## Engine bed

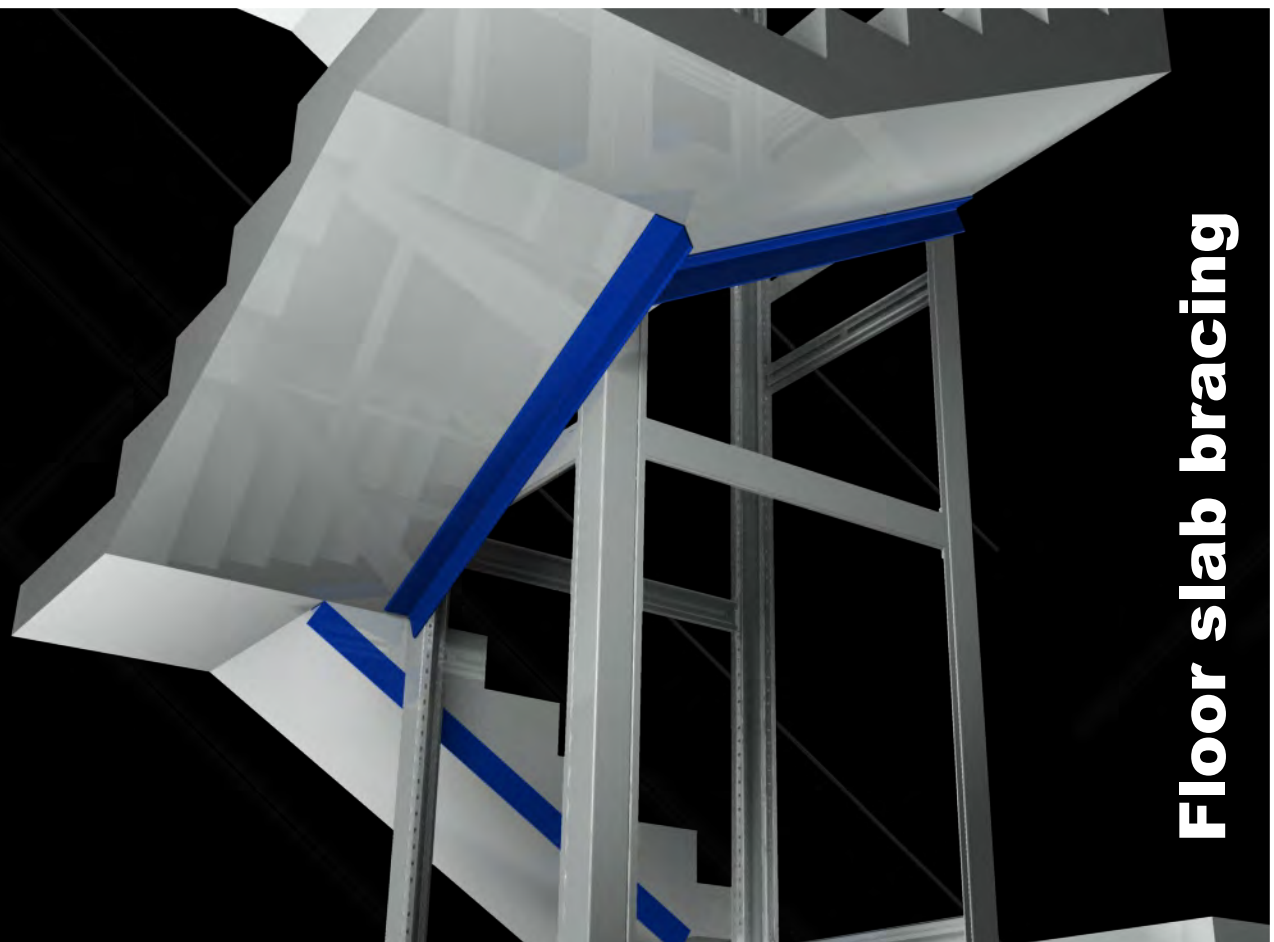




## Central glass roof



## Floor slab bracing





# Options 2

OPCIONALES 2	COLOR ESTÁNDAR	COLOR ESPECIAL	INOXIDABLE SATINADO / BRILLO	INOXIDABLE ACABADO ESPECIAL	VIDRIO
Pasamanos Recto	■	■	■		
Pasamanos Curvo	■	■	■		
Forrado de Estructura Interior	■	■	■	■	
Forrado de Estructura Exterior	■	■	■	■	
Paramentos de Puertas	■	■	■	■	■
Remates de Puertas	■	■	■	■	■

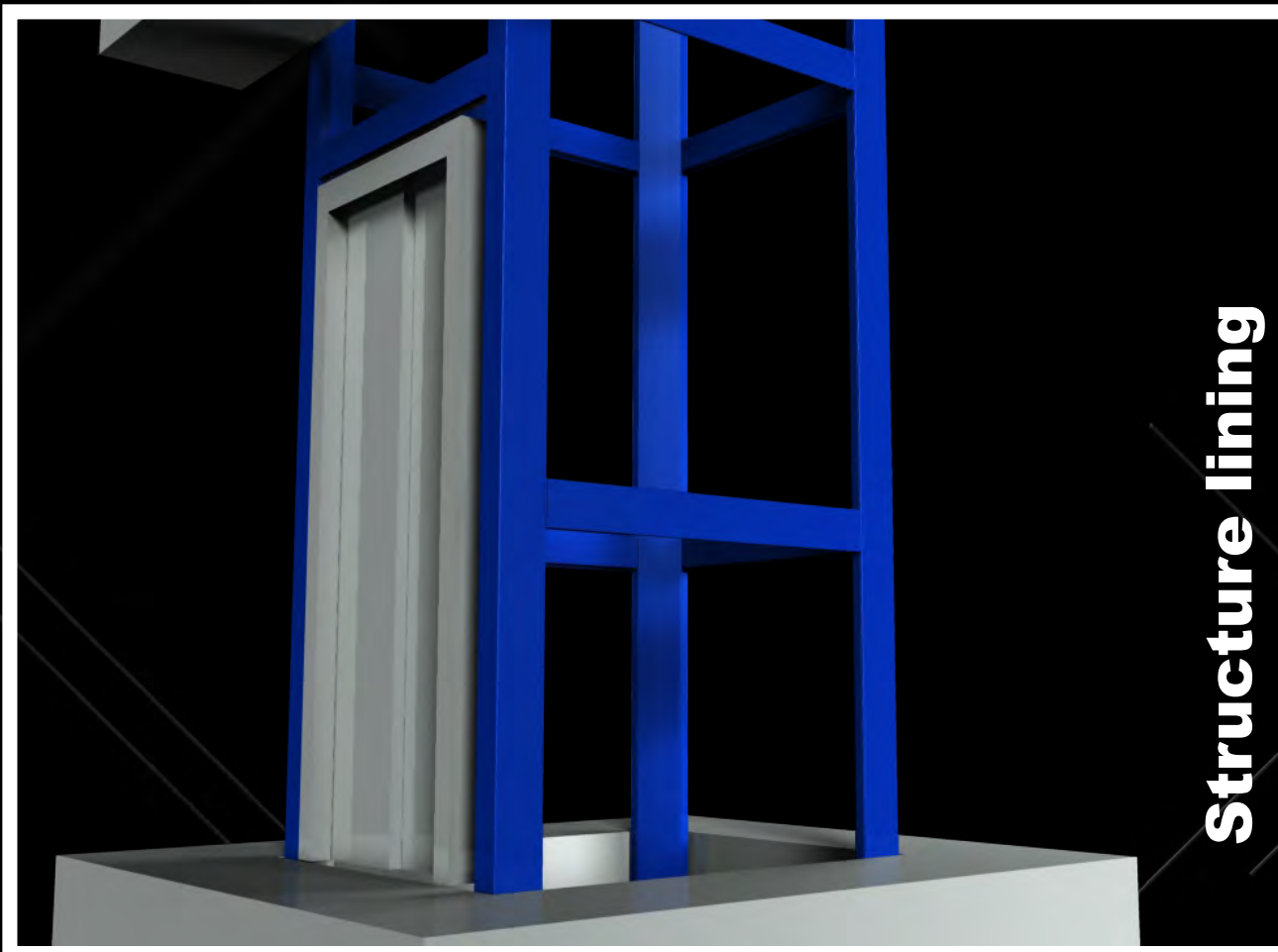




**Curved banister**



**Straight banister**



**Structure lining**



**Door facing**



