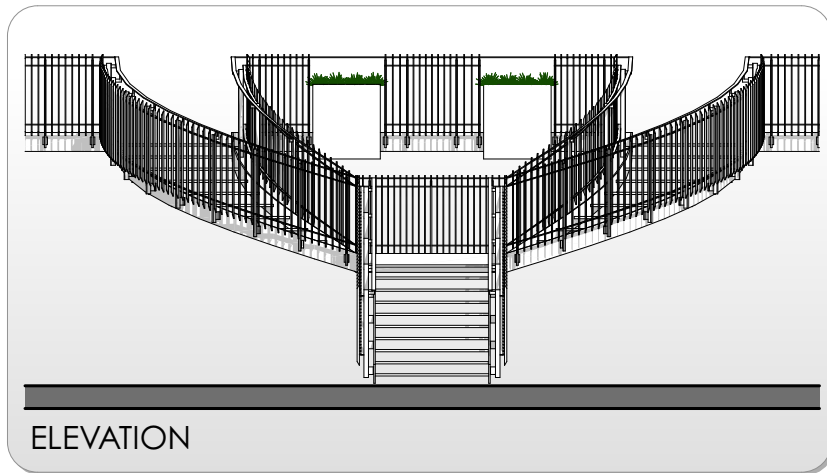
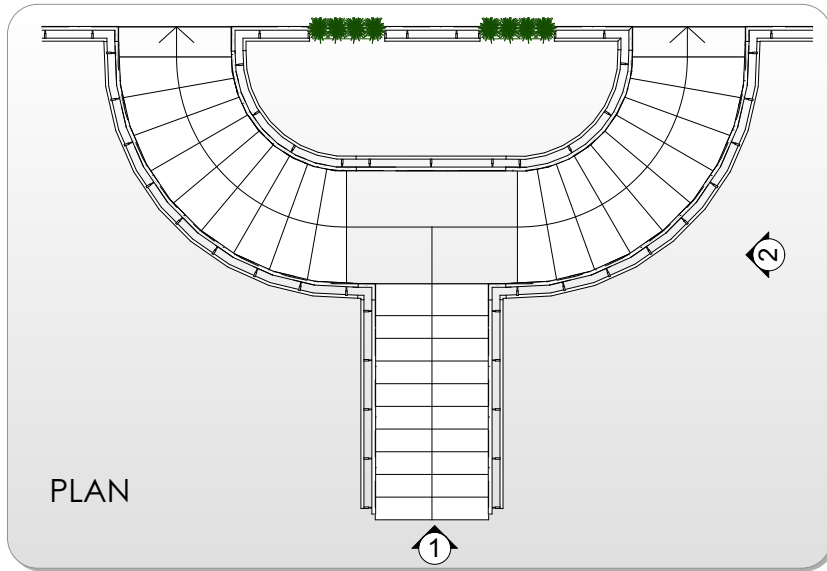


# 3DMediaDesign

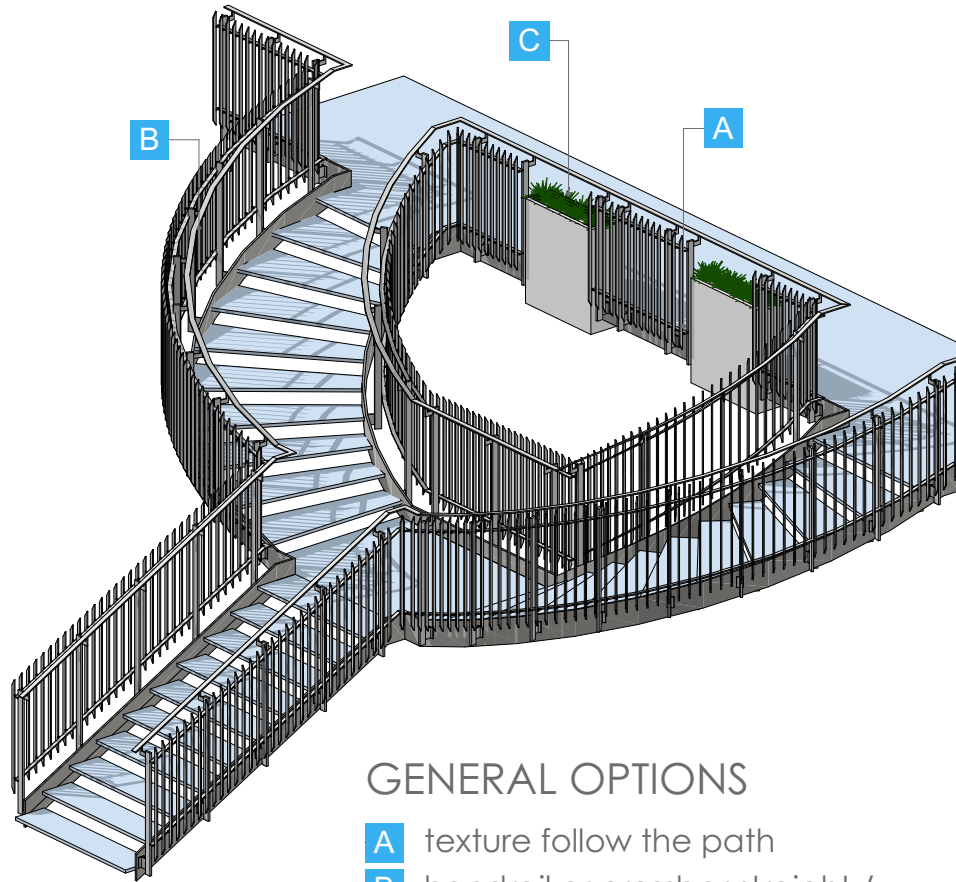
Archicad Tools and BIM Services - [www.3dmediadesign.it](http://www.3dmediadesign.it)



3DMD Railing Vertical Bar V1.0

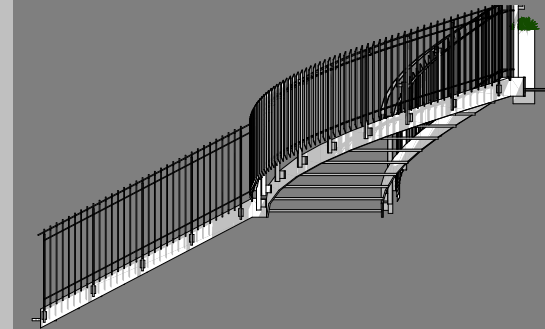


## RAILING ALONG A 3D POLYLINE

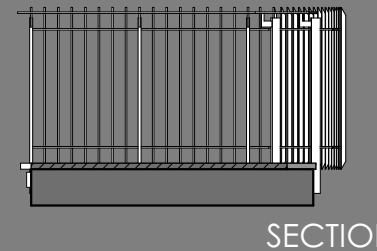
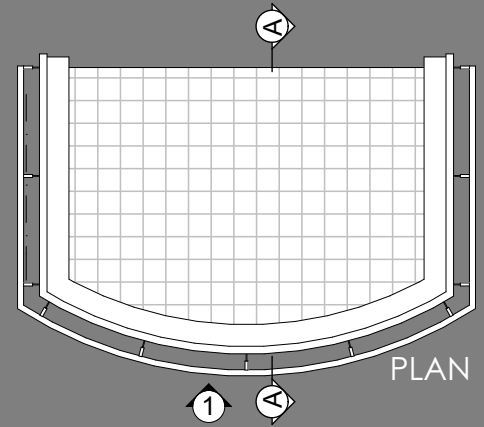
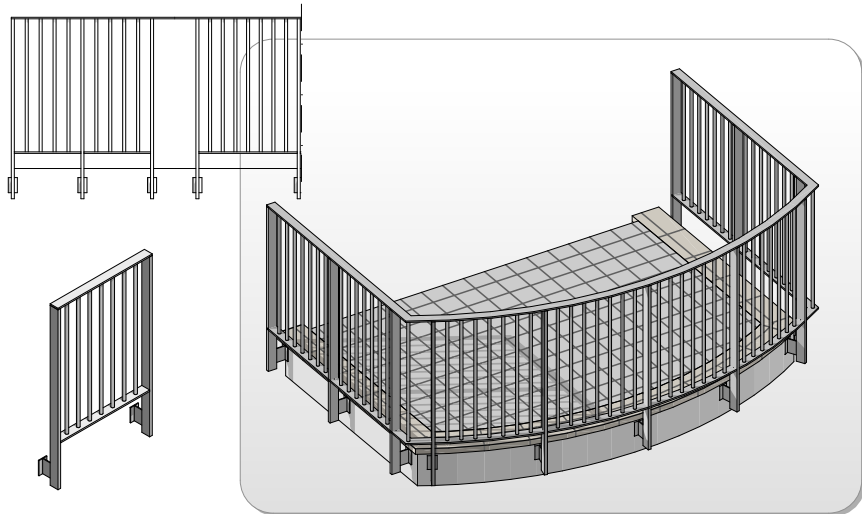
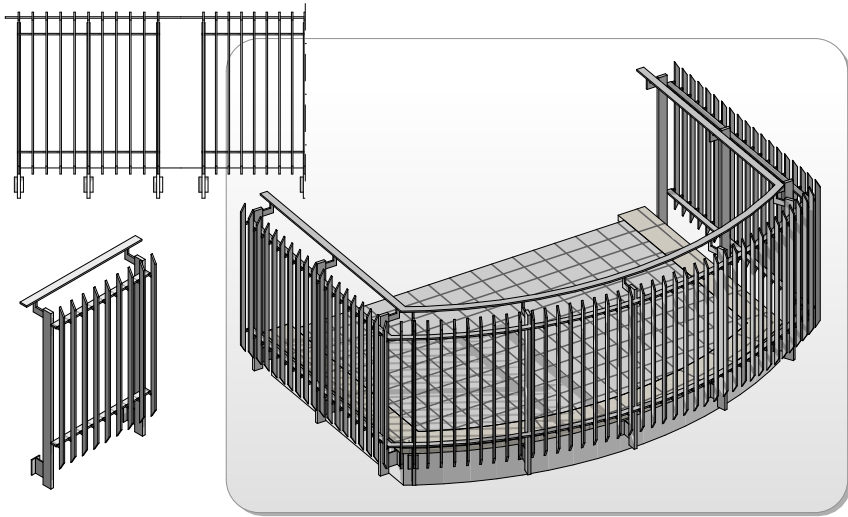


### GENERAL OPTIONS

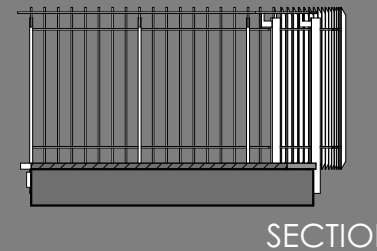
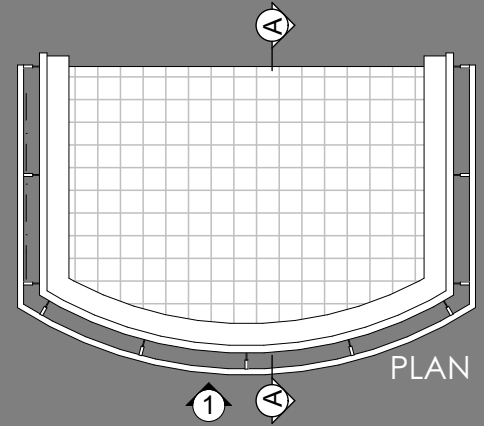
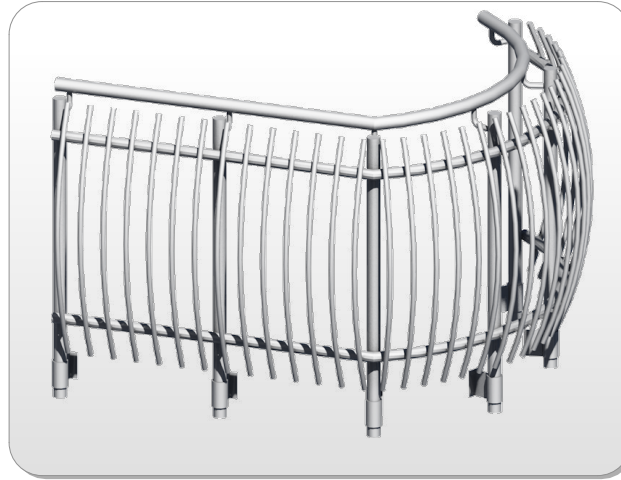
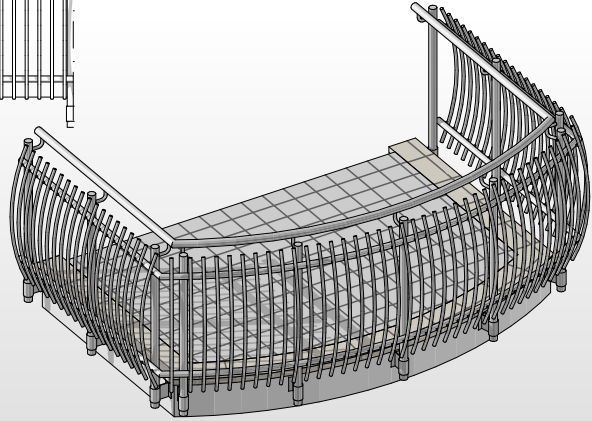
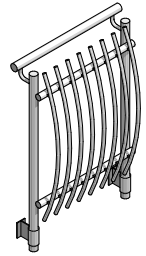
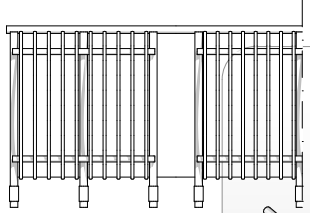
- A texture follow the path
- B handrail or crossbar straight / curve path
- C hiding parts



## TYPE 1-2 OF 8 PRESET COMBINATIONS

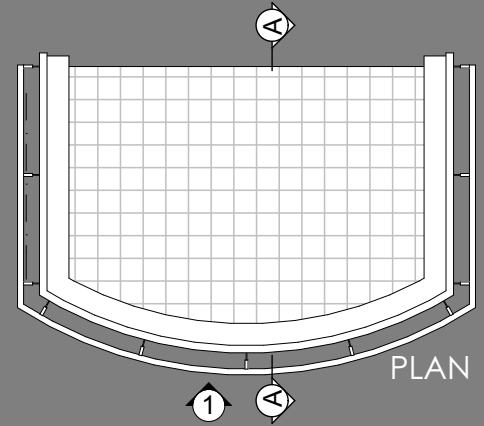
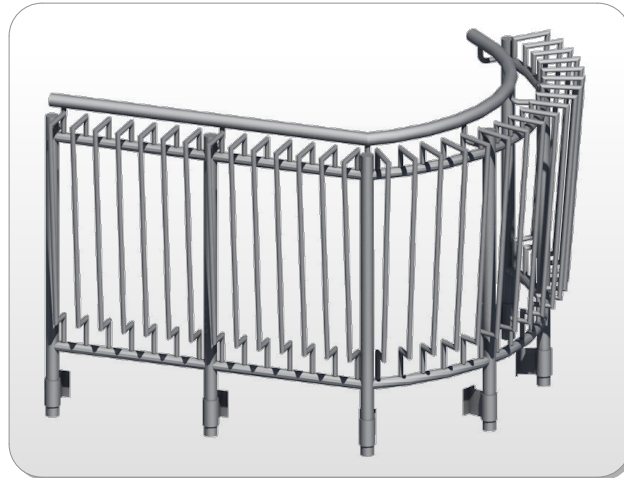
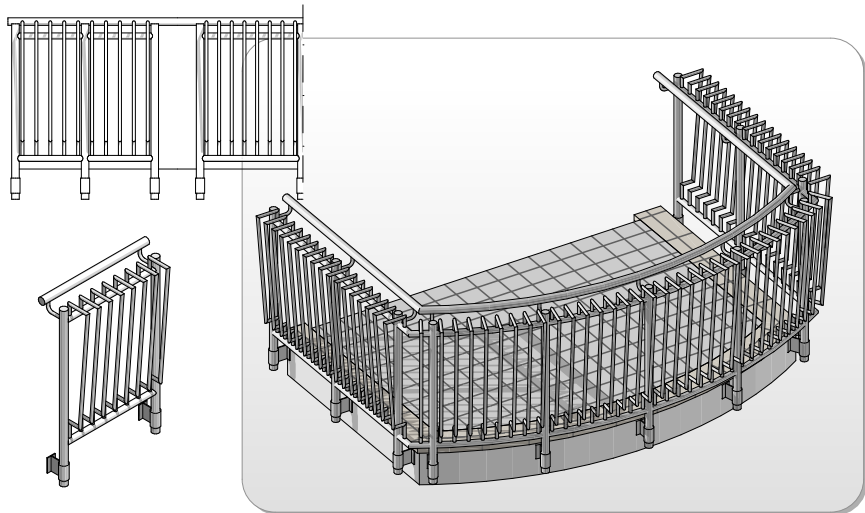
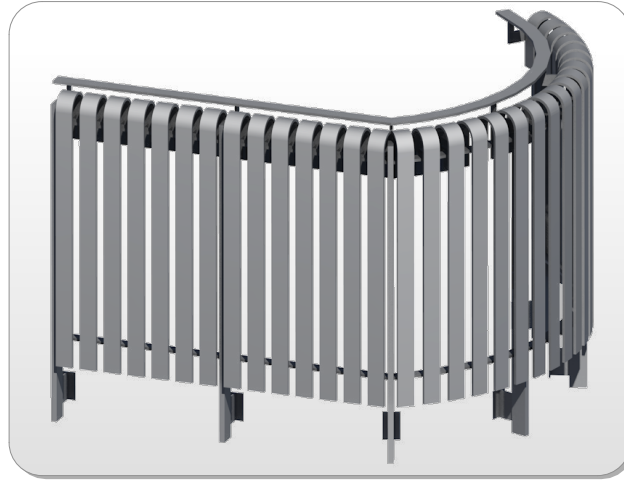
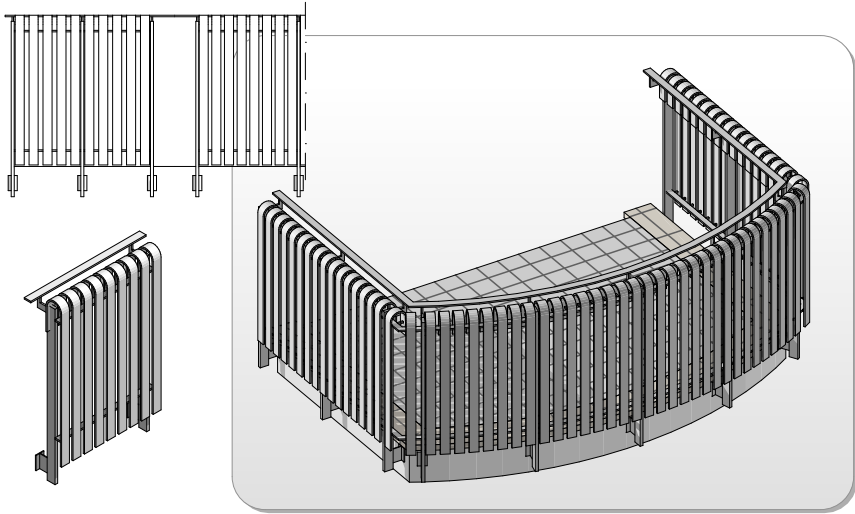


## TYPE 3-4 OF 8 PRESET COMBINATIONS

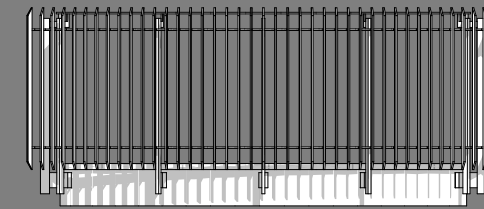




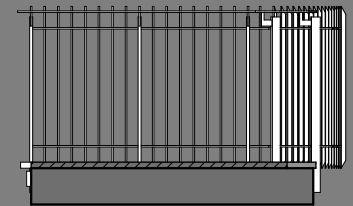
## TYPE 5-6 OF 8 PRESET COMBINATIONS



PLAN

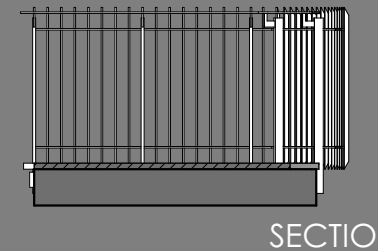
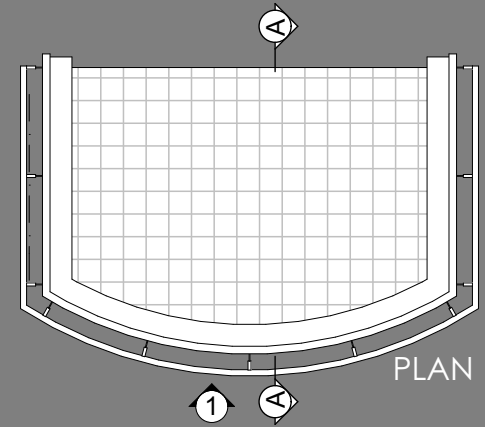
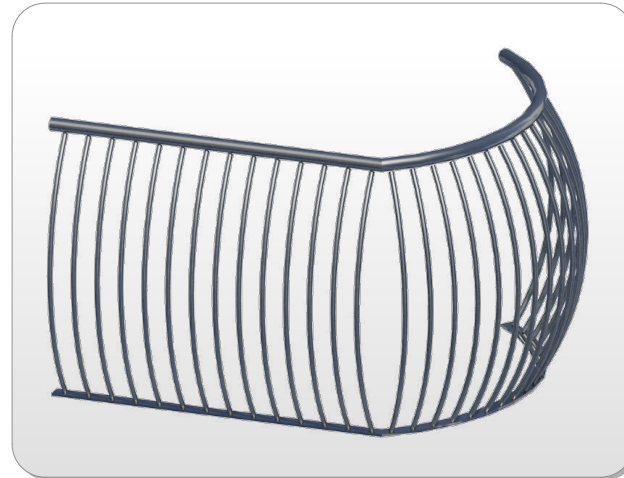
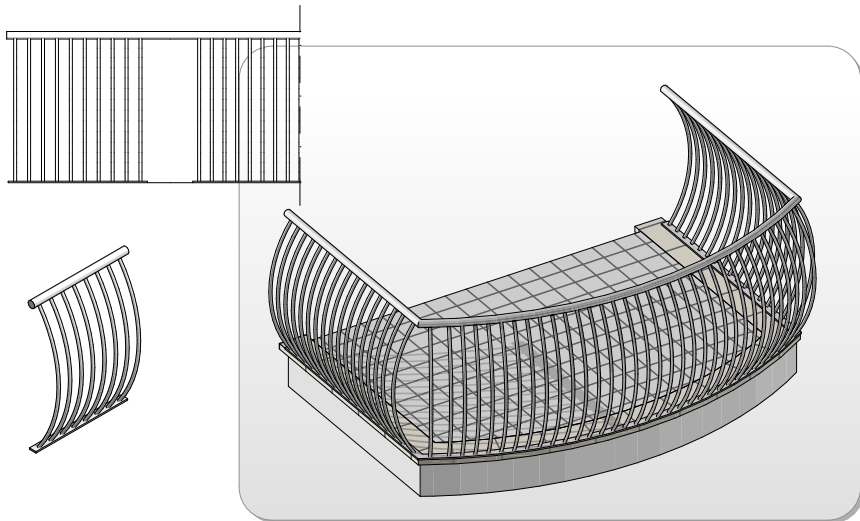
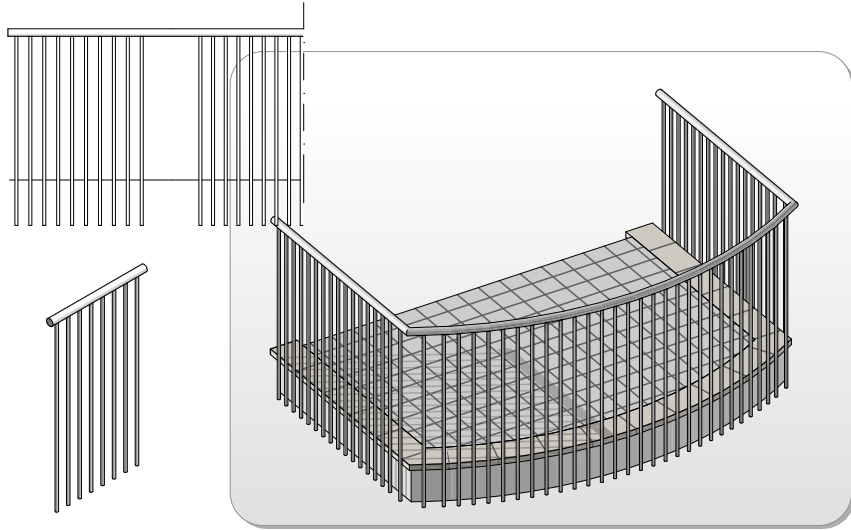


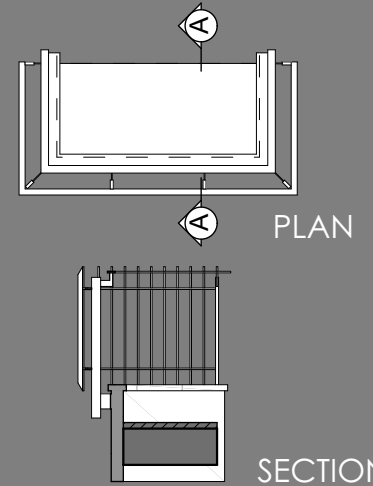
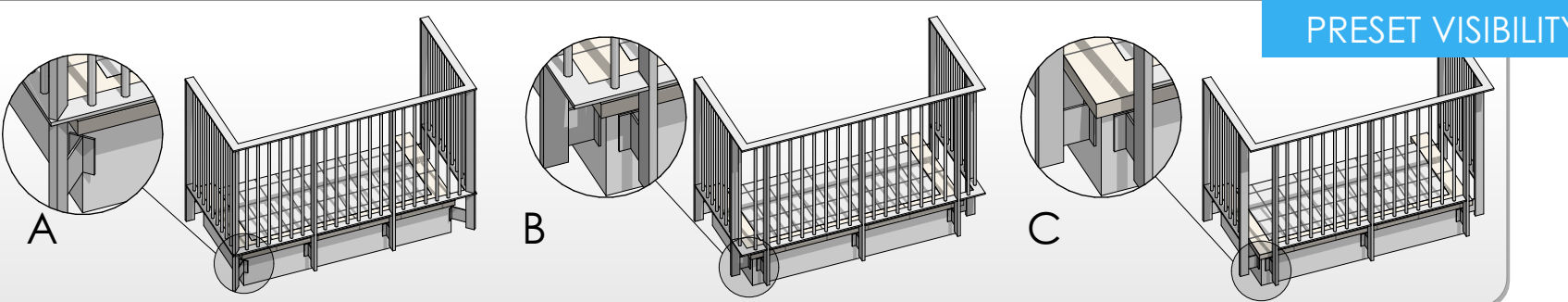
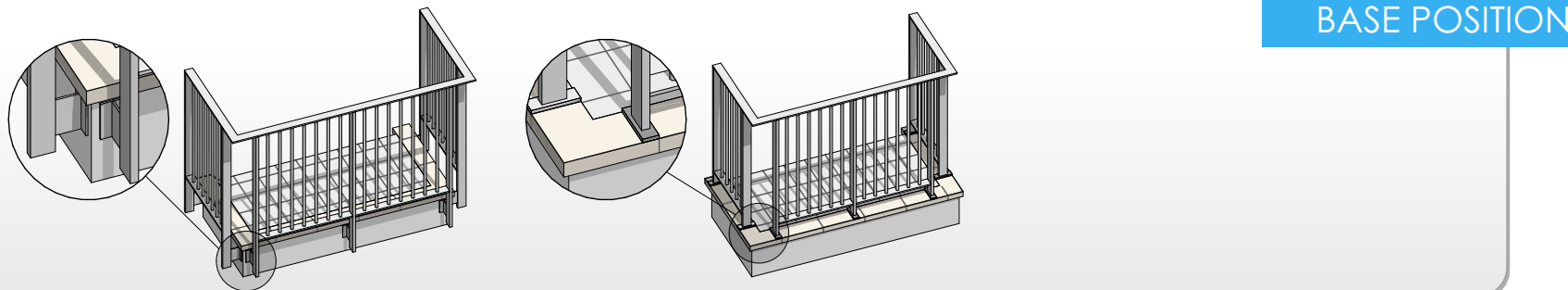
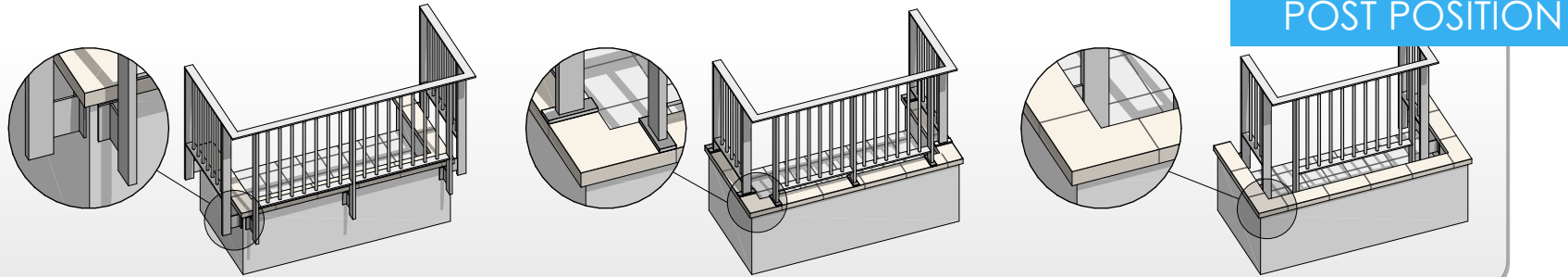
ELEVATION



SECTION

## TYPE 7-8 OF 8 PRESET COMBINATIONS



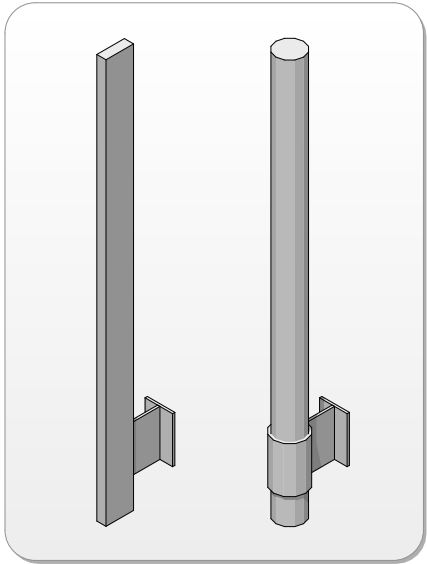


A

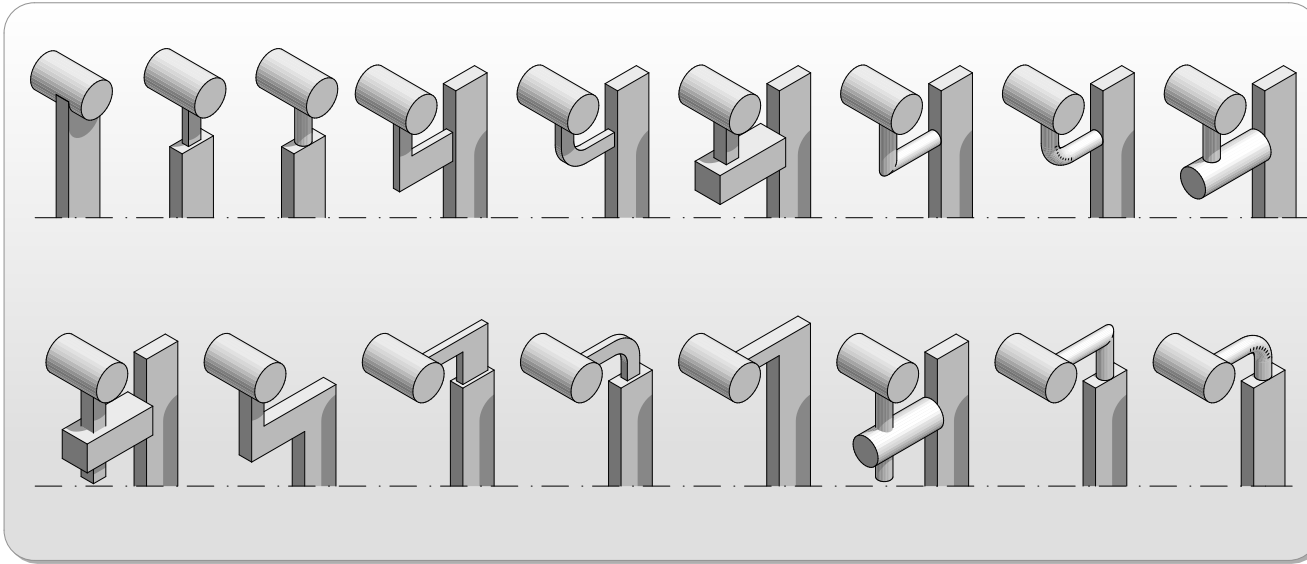
B

C

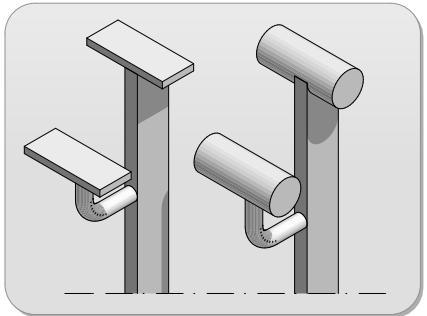
## 2 POST TYPE



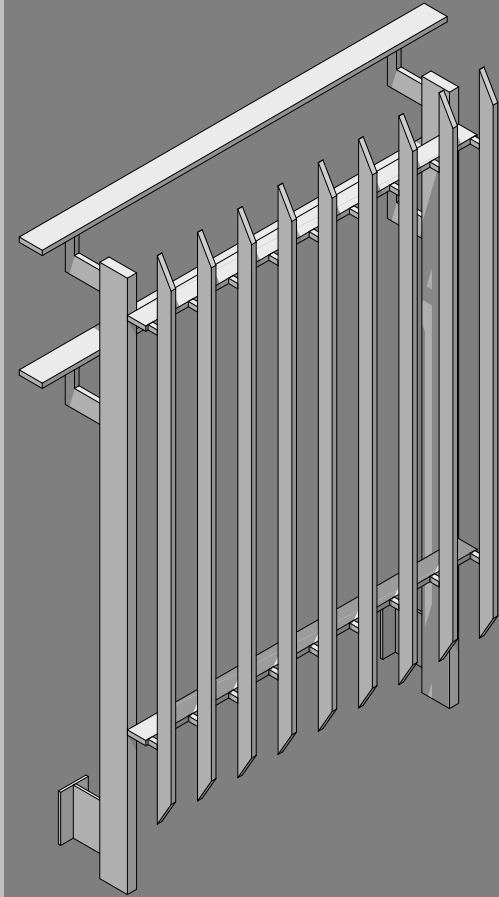
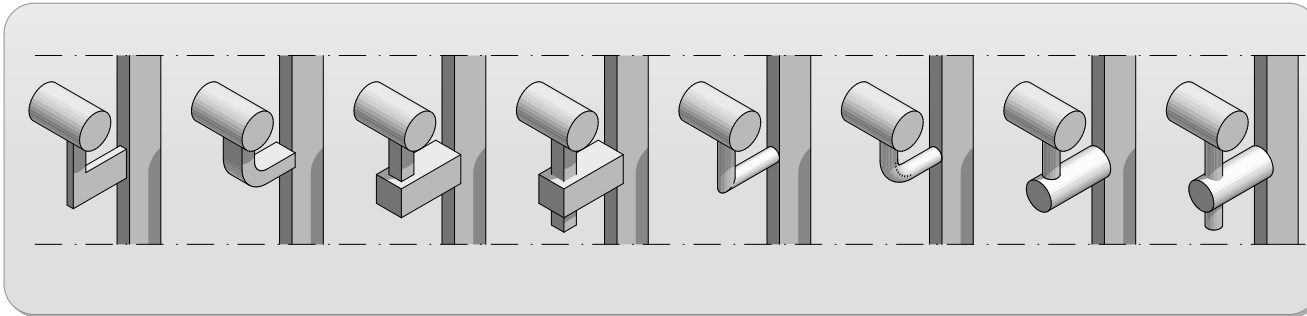
## 17 HANDRAIL BRACKETS TYPE



## 2 HANDRAIL TYPE

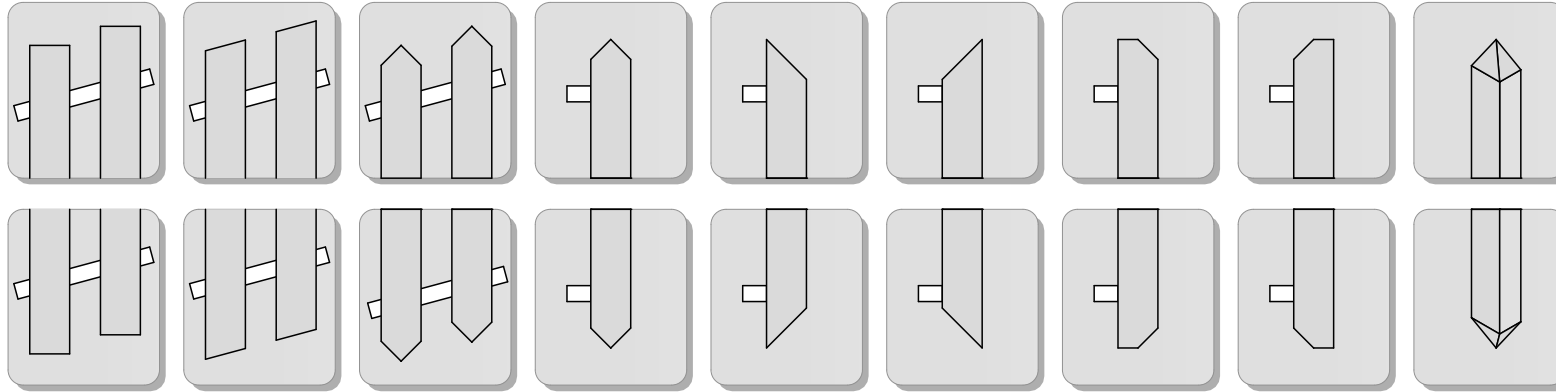


## 8 2TH HANDRAIL BRACKETS TYPE

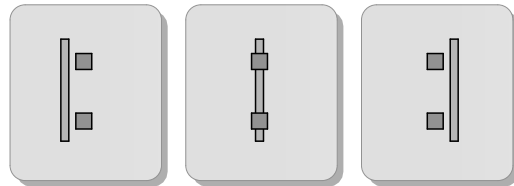




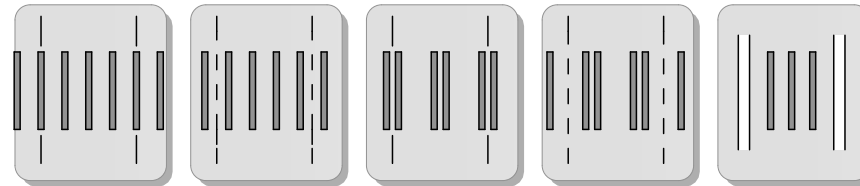
## 9 BARS ENDS TYPES



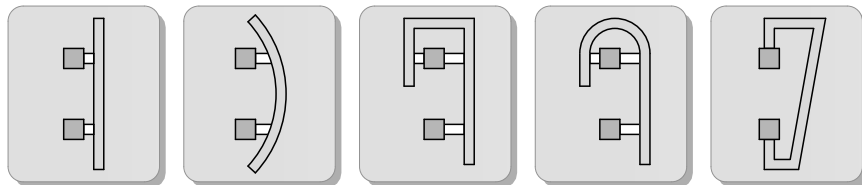
## 3 BARS POSITIONS



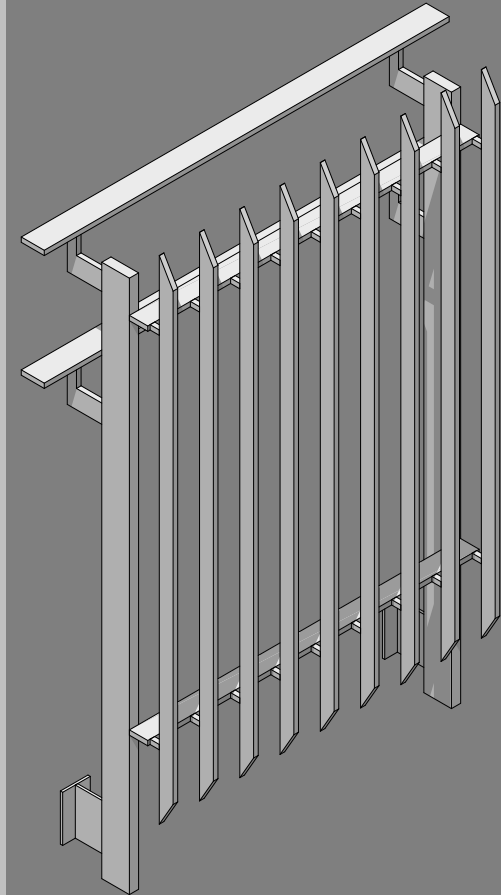
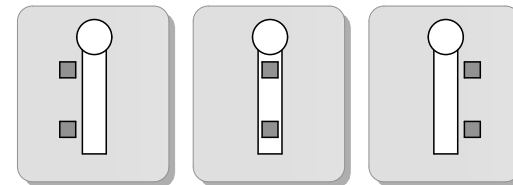
## 5 BARS DISTRIBUTION TYPES

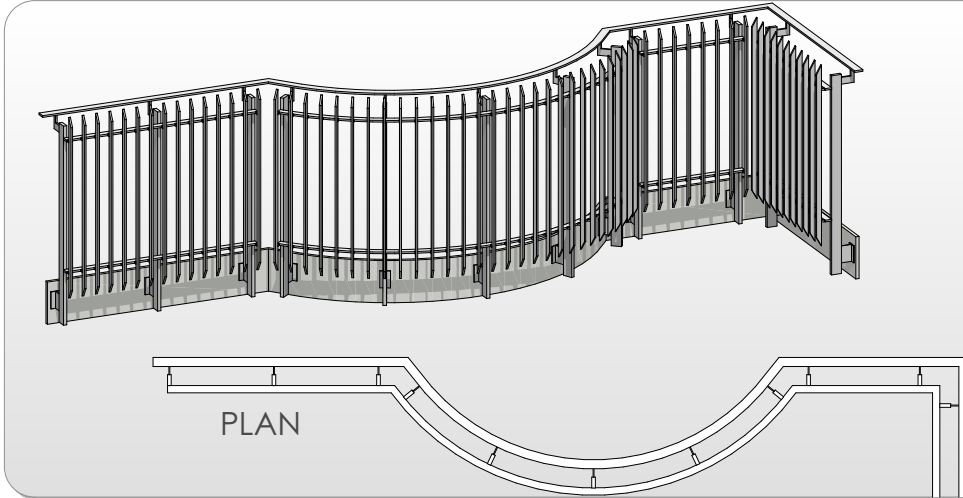


## 5 BARS TYPES



## 3 CROSSBARS POSITIONS



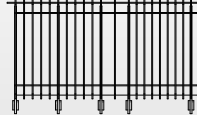


## PRESET POST AND PANEL POSITION

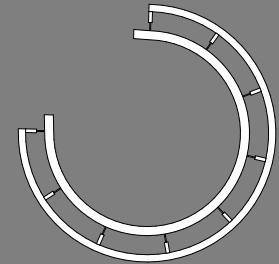
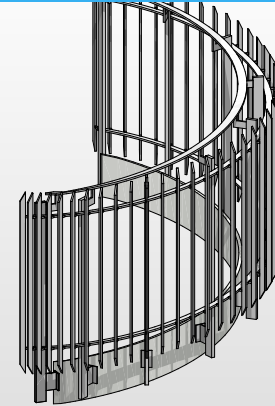
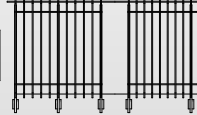
A



B

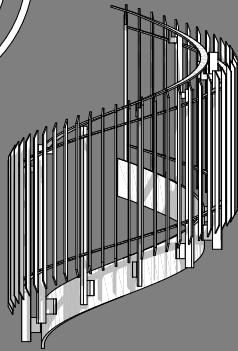


C

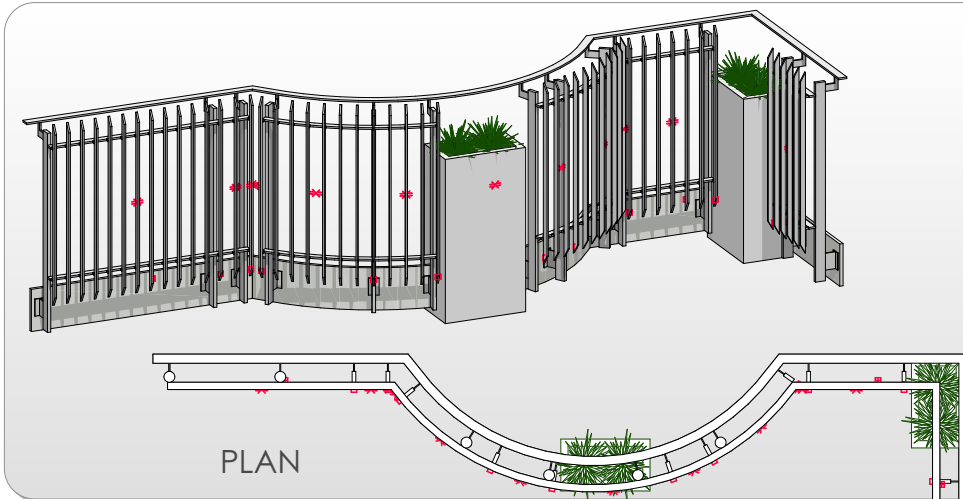


PLAN

1



ELEVATION



## PERSONAL POST AND PANEL POSITION

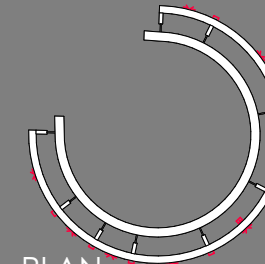
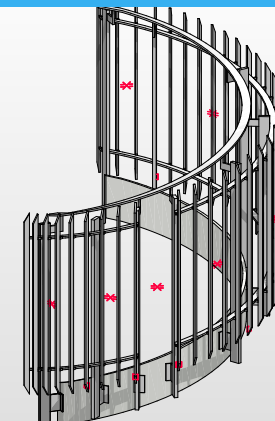
### EDITABLE HOTSPOTS

□ CHANGE POSTS POSITION

⊞ ADD NEW POSTS

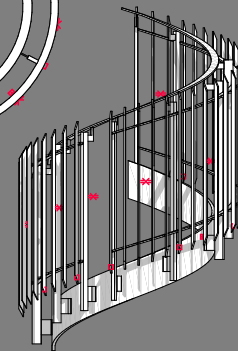
⊞ CHANGE POSTS VISIBILITY

⊞ CHANGE CABLES VISIBILITY

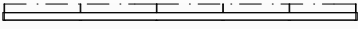

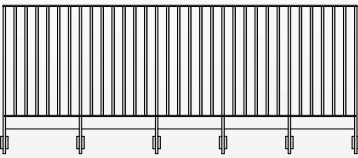



PLAN

1



ELEVATION

3DMD Railing Vertical Bar			
ID	Brochure VA	Brochure VA	
Plan view			
Elevation view			
Posts quantity	6	6	12
Posts holders quantity	0	0	0
Handrail lenght	2,86	3,20	6,06 m
List Handrail bracket quantity	6	6	12
List Second Handrail lenght	0,00	0,00	0,00 m
List 2th Handrail bracket quantity	0	0	0
List Crossbar Down lenght	2,84	3,04	5,88 m
List Crossbar Up lenght	0,00	3,04	3,04 m
List Bar quantity Total	33	36	69
List Bar lenght Total	29,04	38,52	67,56 m
List Bar Single lenght	0,88	1,07	1,95 m
List Bar single cost	90,00	90,00	160,00
List Handrail total cost	179,76	179,76	359,52
List Second Handrail lenght single cost	60,00	60,00	120,00
List Second Handrail lenght total cost	0,00	0,00	0,00
List Bar quantity single cost	45,00	60,00	105,00
List Bar lenght single cost	120,00	120,00	240,00
List Bar quantity total cost	1485,00	2160,00	3645,00
List Bar lenght total cost	0,00	0,00	0,00
List Cost Total	2357,64	3133,59	5491,23

Custom Settings...

List

< >

ENG

Description

Handrail	€/ml	60,00	x l.	299,07	= €	179,44
Handrail Bracket	€/p	25,00	x n	6	= €	150,00
2th Handrail	€/ml	60,00	x l.	0,00	= €	0,00
2th Handrail Bracket	€/p	25,00	x n	0	= €	0,00
Post	€/p	80,00	x n	6	= €	480,00
Crossbar down	€/ml	25,00	x l.	289,07	= €	72,27
Crossbar up	€/ml	25,00	x l.	289,07	= €	72,27
Bar n.	€/p	60,00	x n	32	= €	1920,00

Quantities (slower)

☒

Schedule straightened

☒

Calc. method

Bar qu

AMOUNT

€ 2873,98

### SCHEDULE AND COST

- A** You can have directly the cost of your railing inside the objects
- B** In the schedule you can have the railing straightened on a line and manage all the variable available for measurement and costs