

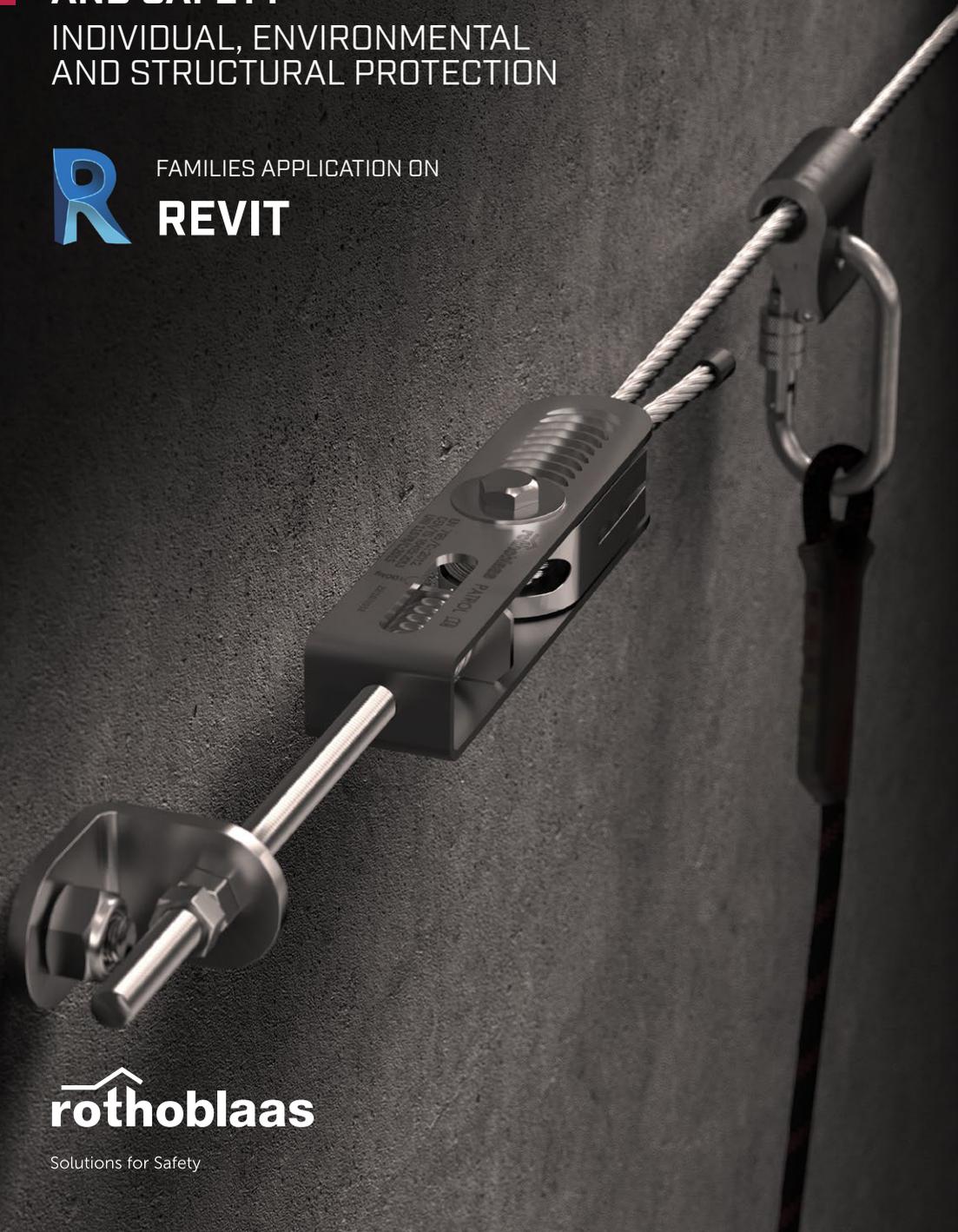
# FALL PROTECTION AND SAFETY

INDIVIDUAL, ENVIRONMENTAL  
AND STRUCTURAL PROTECTION



FAMILIES APPLICATION ON

**REVIT**



**rothoblaas**

Solutions for Safety

**rothoblaas**

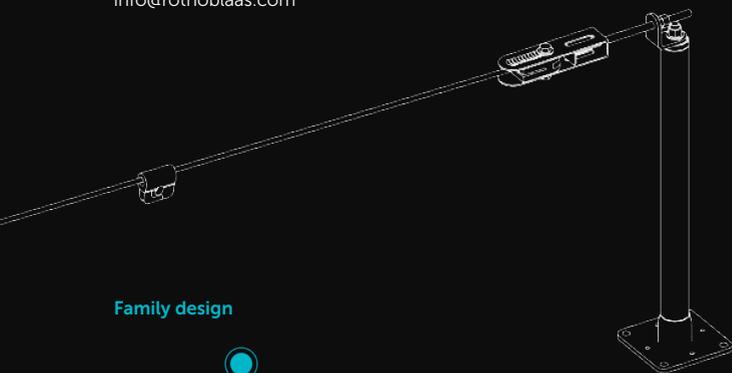
**ROTHO BLAAS SRL**

Via Dell'Adige, 2/1 - 39040, Cortaccia (BZ)

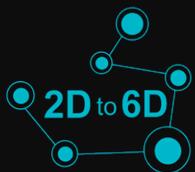
tel. +39 0471 81 84 00

fax +39 0471818484

info@rothoblaas.com



Family design



2Dto6D | [www.2dto6d.com](http://www.2dto6d.com)

2D to 6D is a company founded more than ten years ago with the aim of implementing Building Information Modeling in all sectors - from architectural, structural and plant engineering - to accompany and optimize not only the design, but also the construction and management of the works over their useful life.

WITH THE COLLABORATION OF

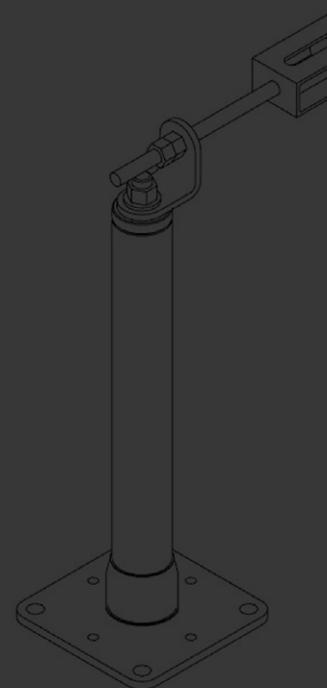


NKE - Negroni Key Engineering | [www.nke360.com](http://www.nke360.com)

LIFE LINE FAMILY

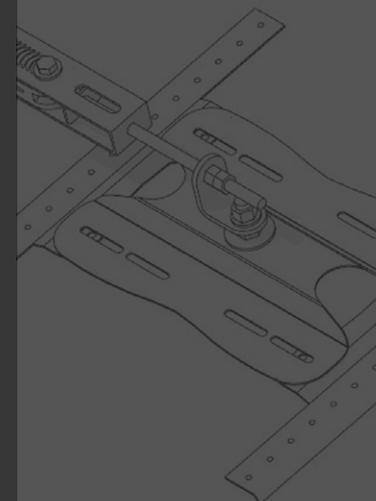
**TOWER**

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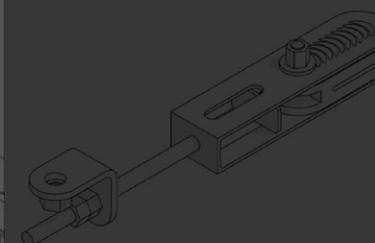
**ANCHOR POINTS**

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**THROUGH AIR**

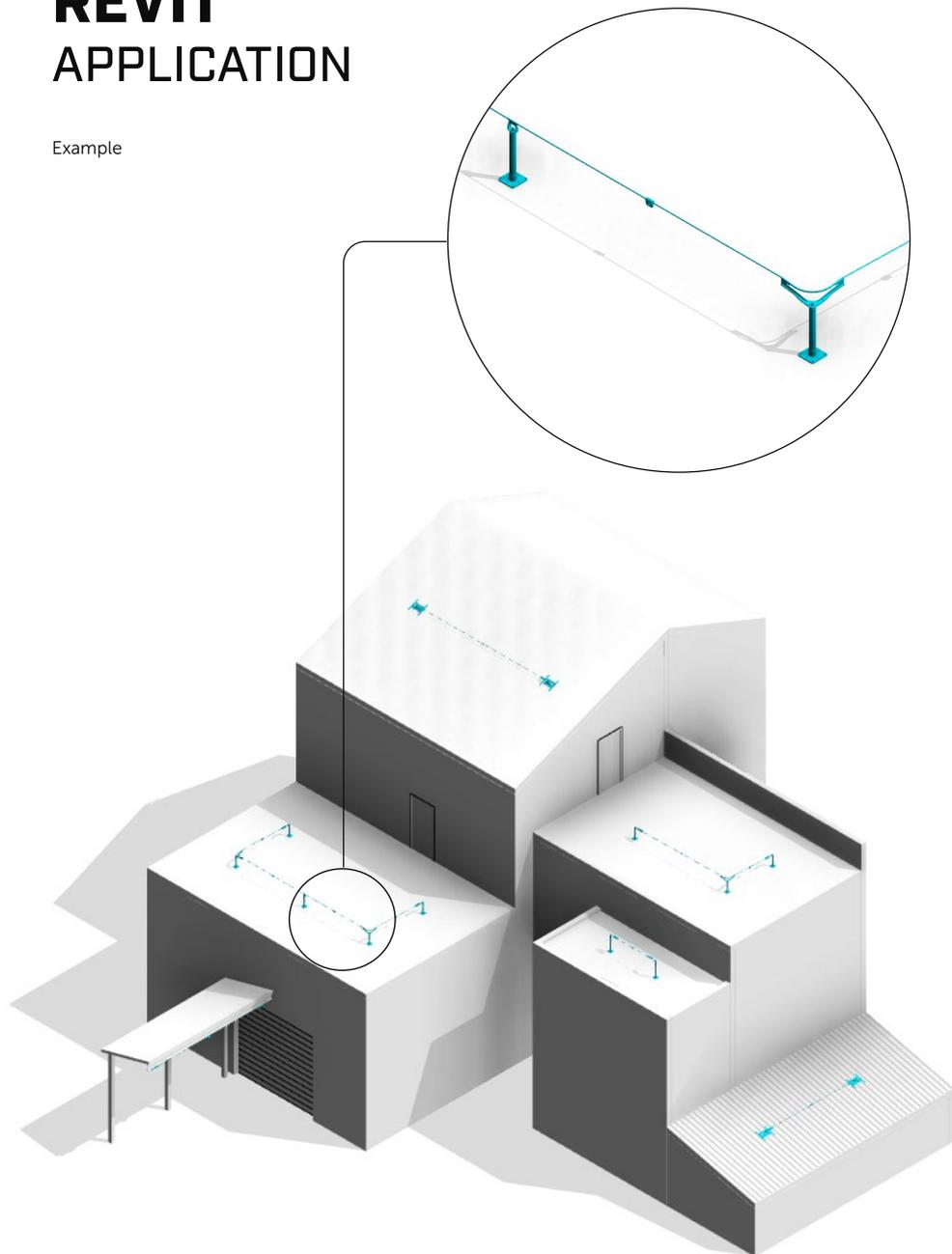
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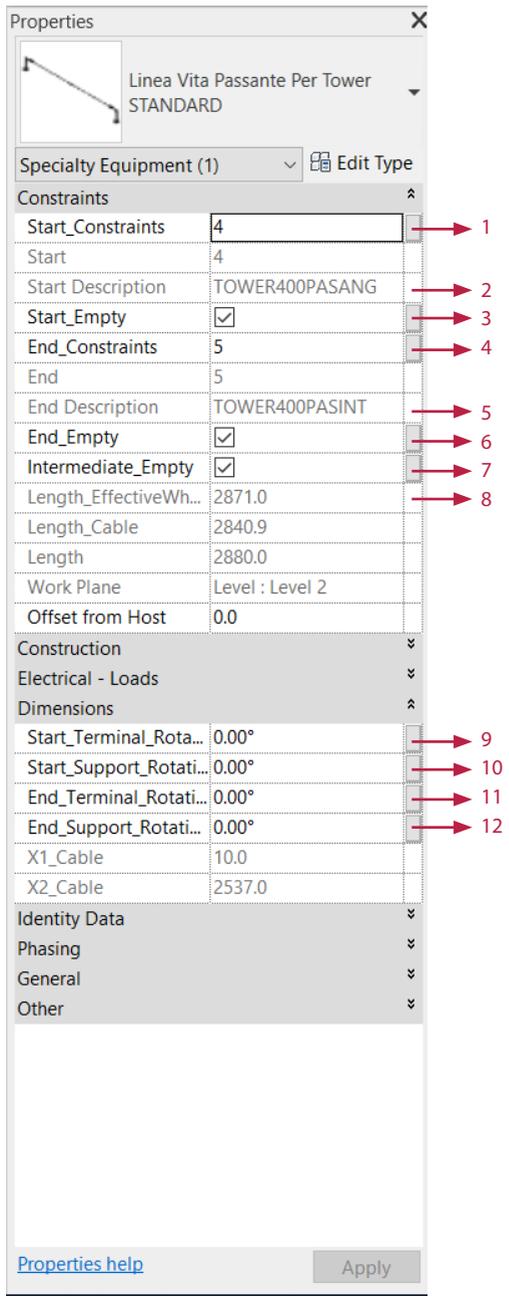
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# REVIT APPLICATION

Example



FAMILIES  
GENERAL OPTIONS

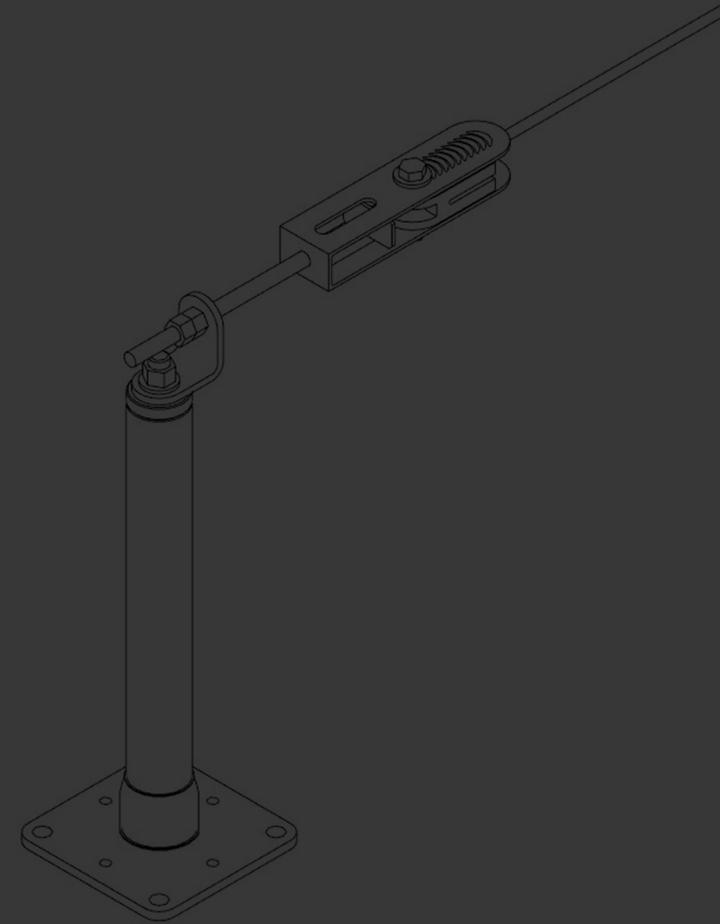
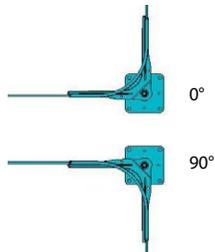


**Each family has predefined options that must be set before its tracing:**

1. choose start type (every family has a default number of combination type)
2. start type name
3. choose if start type is visible
4. choose end type (every family has a default number of combination type)
5. end type name
6. choose if end type is visible
7. choose if intermediate type is visible
8. effective wheelbase length
9. to rotate the starting support
10. to rotate the ending support

**In case the terminal is Pasang:**

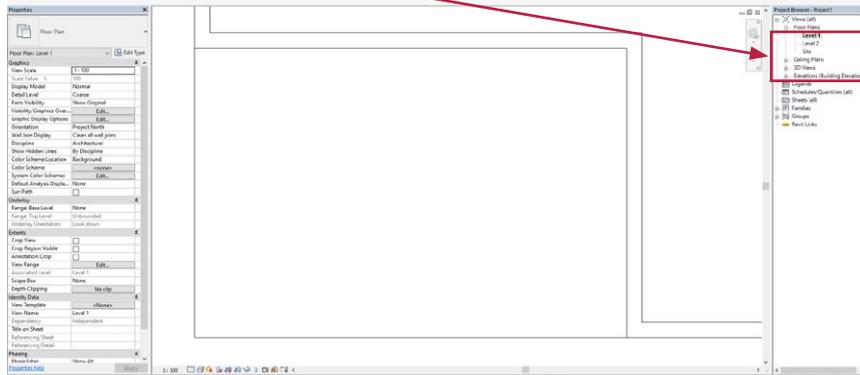
9. to rotate the starting terminal element (set the value to 90°)
11. to rotate the ending terminal element (set the value to 90°)



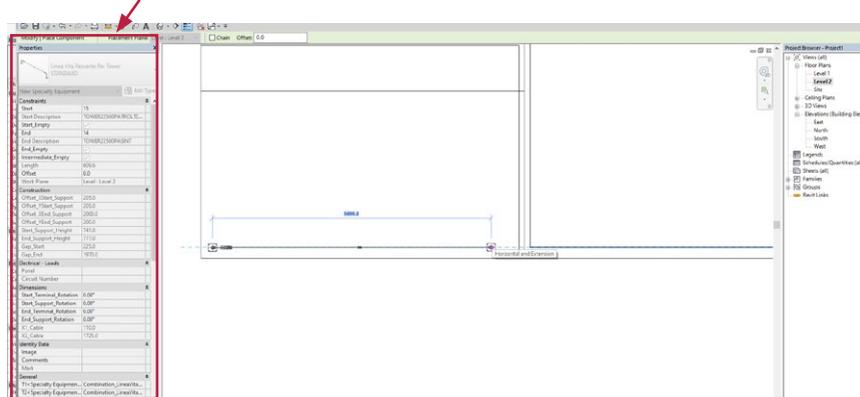
# LIFE LINE FAMILY BASED ON TOWER

0. Import families in Revit project (valid for all families)

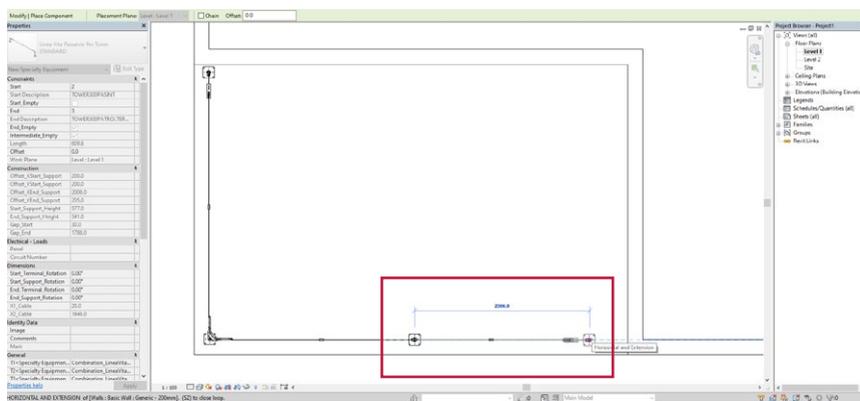
1. choose the correct view (among the Floor plans)



2. set family general options (if you need a different height from the level set the offset)

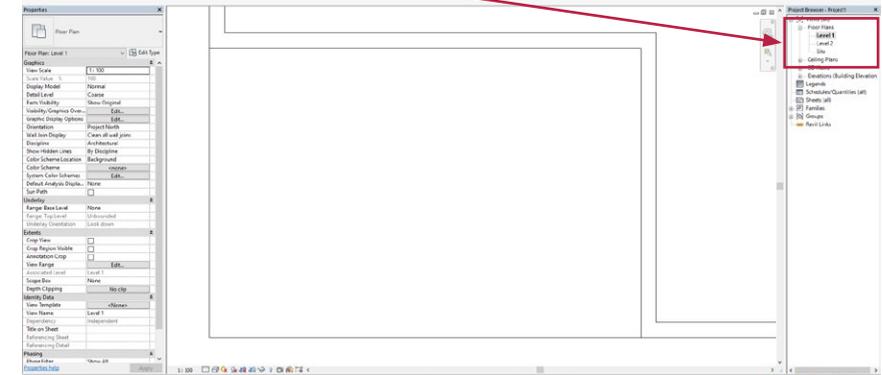


3. trace the family choosing a starting point and an ending point (choose "Place on Work Plane")



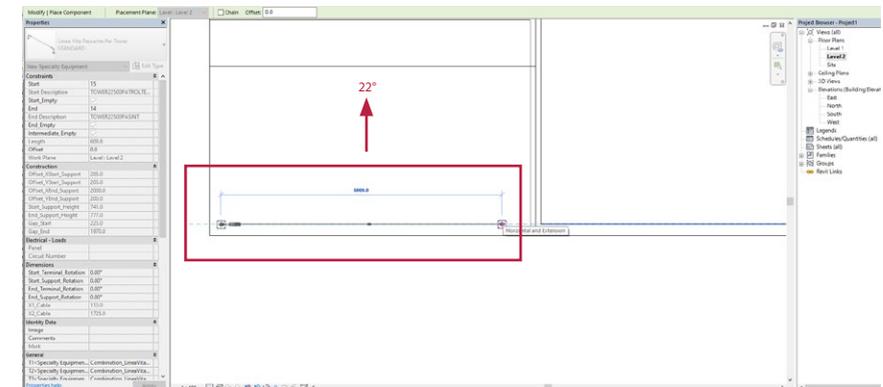
if you choose TOWER2500:

1. choose the correct view (among the Floor plans)

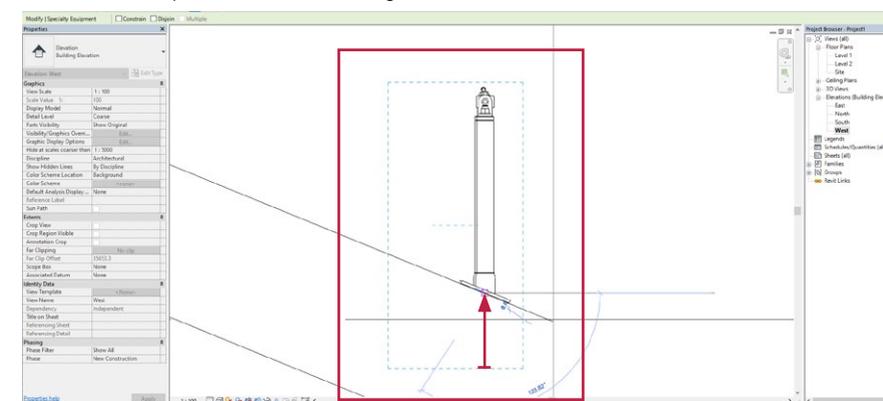


2. set family general options

3. trace the family choosing a starting point and an ending point (choose "Place on Work Plane")

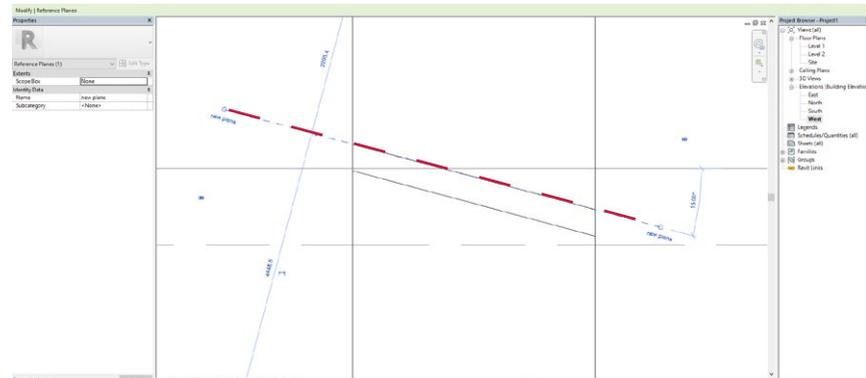


4. move the component at the correct height



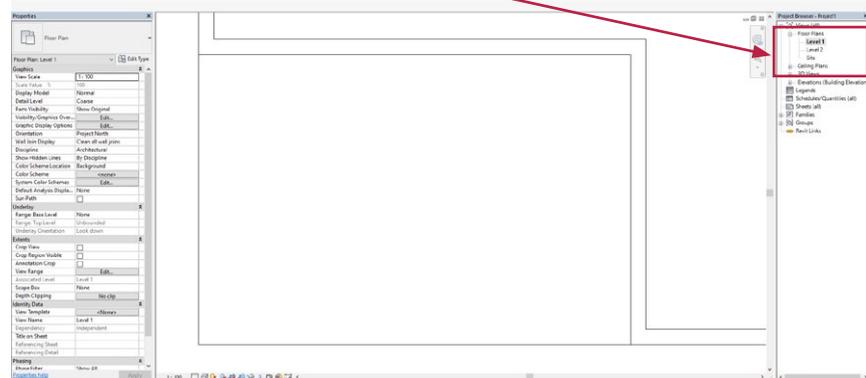
if you trace the family on an inclined plane (15° max):

1. create a new reference plane in the right inclination

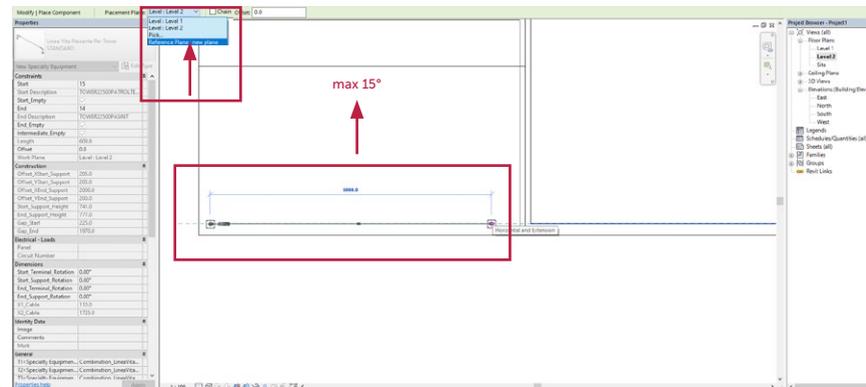


2. choose the correct view (among the Floor plans)

3. set family general options



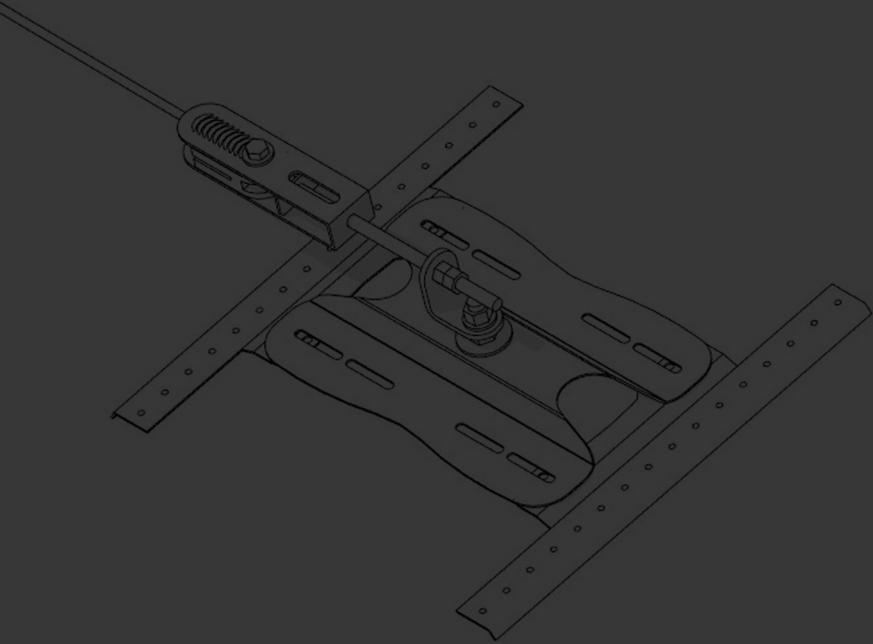
4. trace the family choosing a starting point and an ending point (choose "Place on Work Plane" and choose the new plane)



## TYPE NAME (number association)

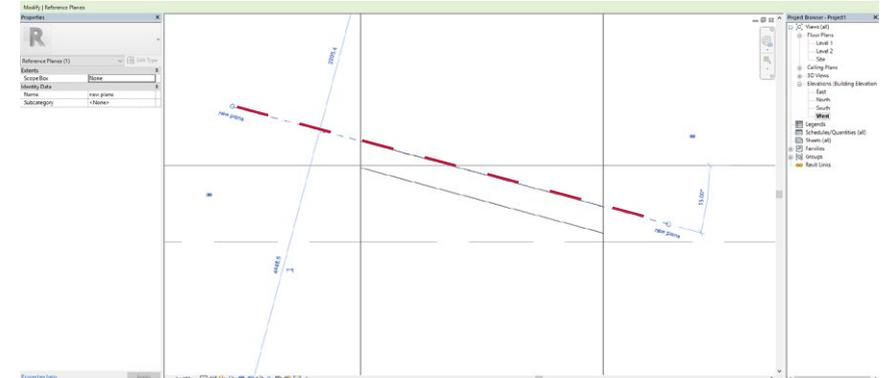
1. TOWER300\_PASANG
2. TOWER300\_PASINT
3. TOWER300\_PATROLTERM\_SPEAR
4. TOWER400\_PASANG
5. TOWER400\_PASINT
6. TOWER400\_PATROLTERM\_SPEAR
7. TOWER500\_PASANG
8. TOWER500\_PASINT
9. TOWER500\_PATROLTERM\_SPEAR
10. TOWER600\_PASANG
11. TOWER600\_PASINT
12. TOWER600\_PATROLTERM\_SPEAR
13. TOWER22500\_PASANG
14. TOWER22500\_PASINT
15. TOWER22500\_PATROLTERM\_SPEAR
16. TOWERA2300\_PASANG
17. TOWERA2300\_PASINT
18. TOWERA2300\_PATROLTERM\_SPEAR
19. TOWERA2400\_PASANG
20. TOWERA2400\_PASINT
21. TOWERA2400\_PATROLTERM\_SPEAR
22. TOWERA2500\_PASANG
23. TOWERA2500\_PASINT
24. TOWERA2500\_PATROLTERM\_SPEAR





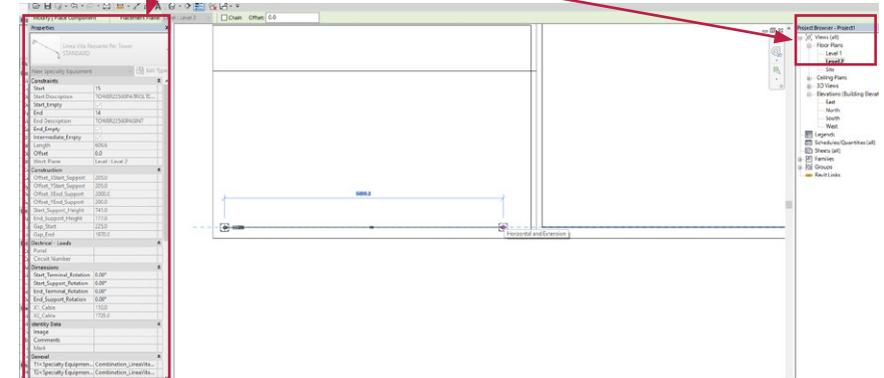
# LIFE LINE FAMILY BASED ON ANCHOR POINTS

1. create a new reference plane in the right inclination

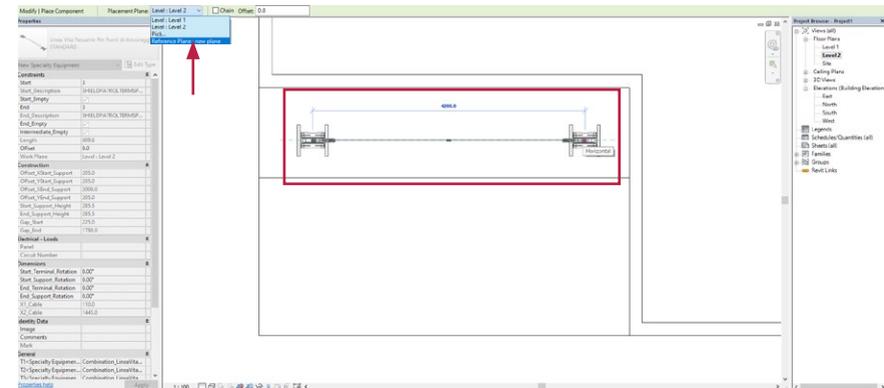


2. choose the correct view (among the Floor plans)

3. set family general options

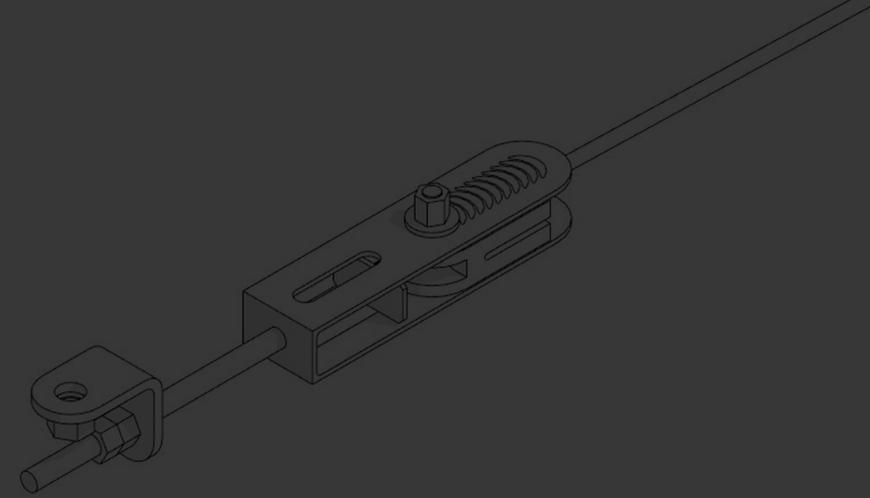
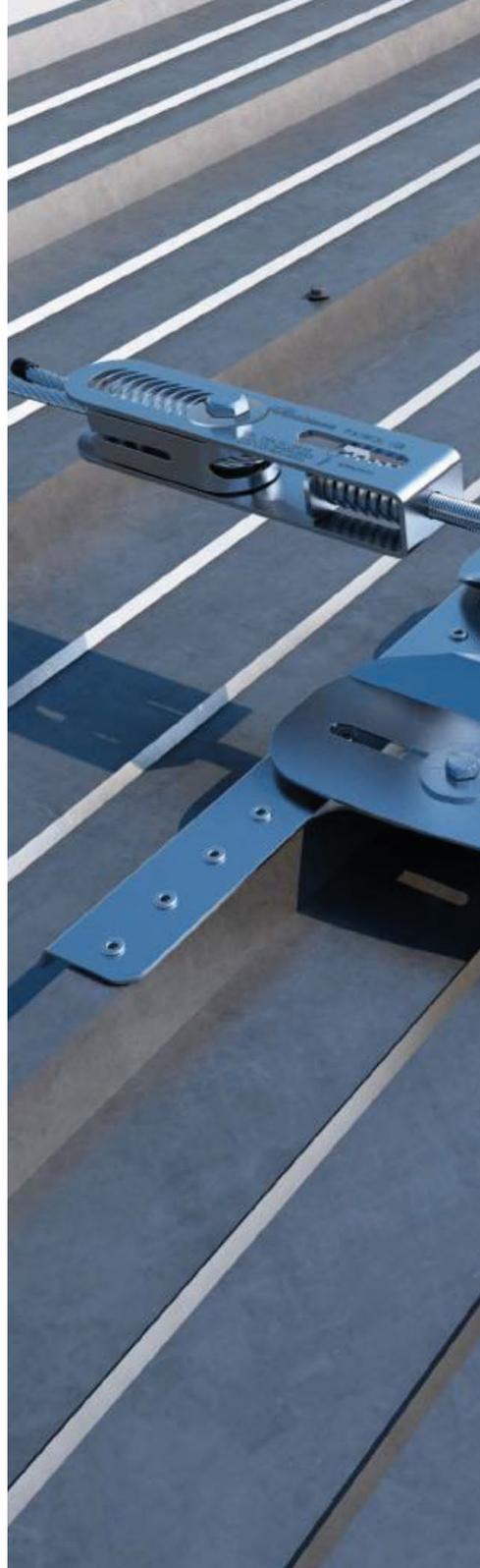


4. trace the family choosing a starting point and an ending point (choose "Place on Work Plane" and choose the new plane)



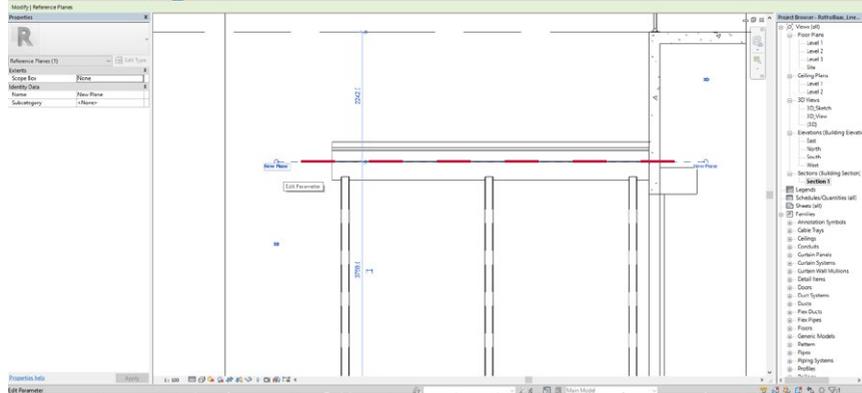
TYPE NAME (number association)

1. SHIELD\_PASANG
2. SHIELD\_PASINT
3. SHIELD\_PATROLTERM\_SPEAR
4. SHIELD2\_PASINT



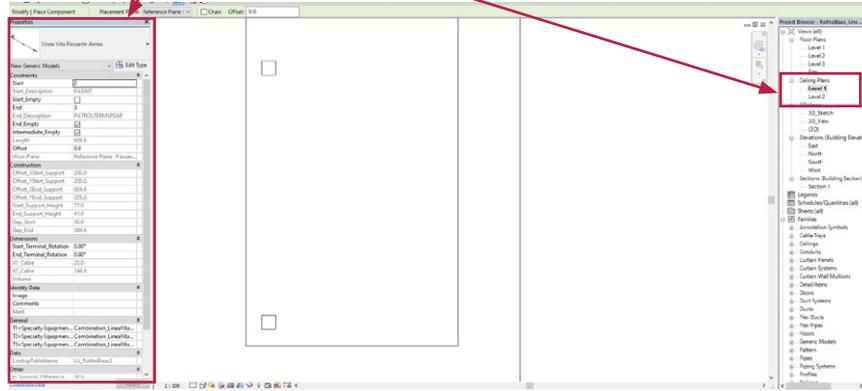
LIFE LINE FAMILY  
THROUGH AIR

1. create a new reference plane at the correct height

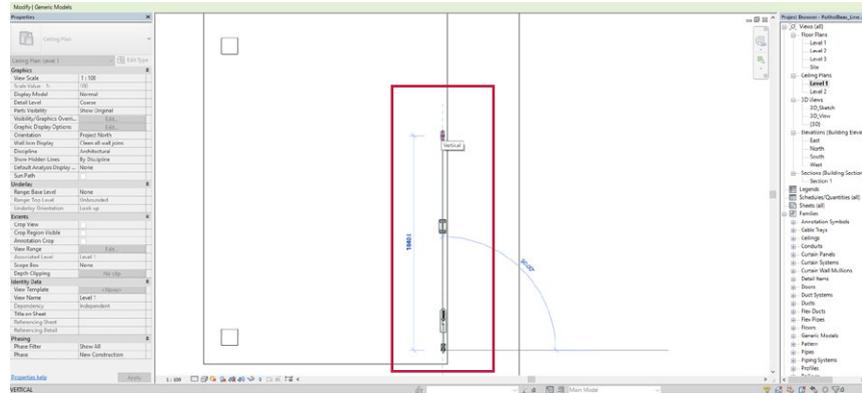


2. choose the correct view (among the Ceiling plans) and set the view range (if necessary)

3. set family general options



4. trace the family choosing a starting point and an ending point (choose "Place on Work Plane" and choose the new plane



TYPE NAME (number association)

1. PASANG
2. PASINT
3. PATROLTERM\_SPEAR





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