Seconda Esercitazione

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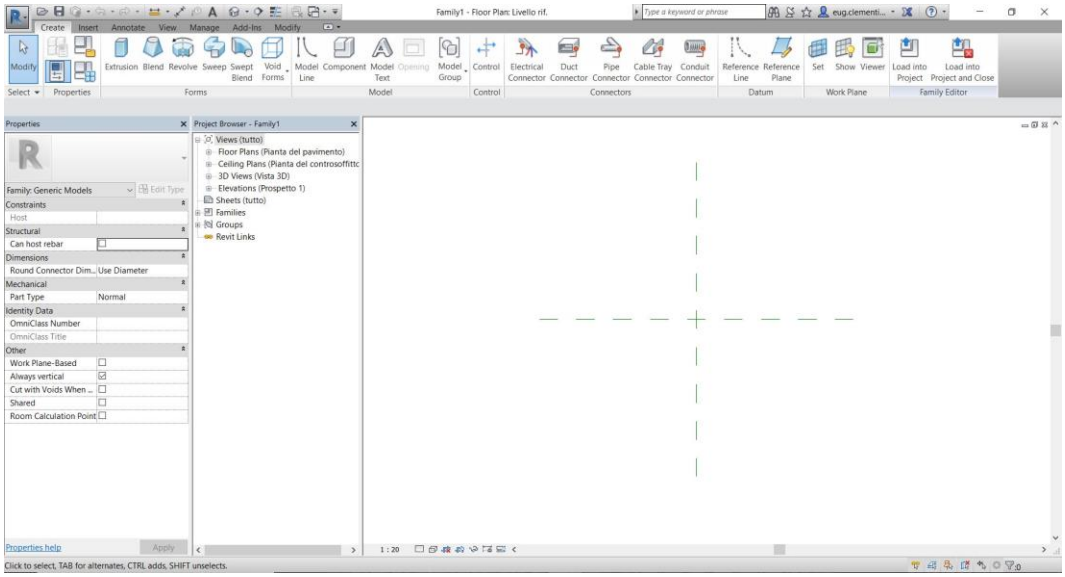
“Memorial to the murdered Jews of Europe”, a parametric monument by Peter Eisenman.

Maybe one of the most famous monument in Berlin, was finished on December 15, 2004. Is made of 2.711 concrete parallelepipeds.

The concrete blocks have different thickness.

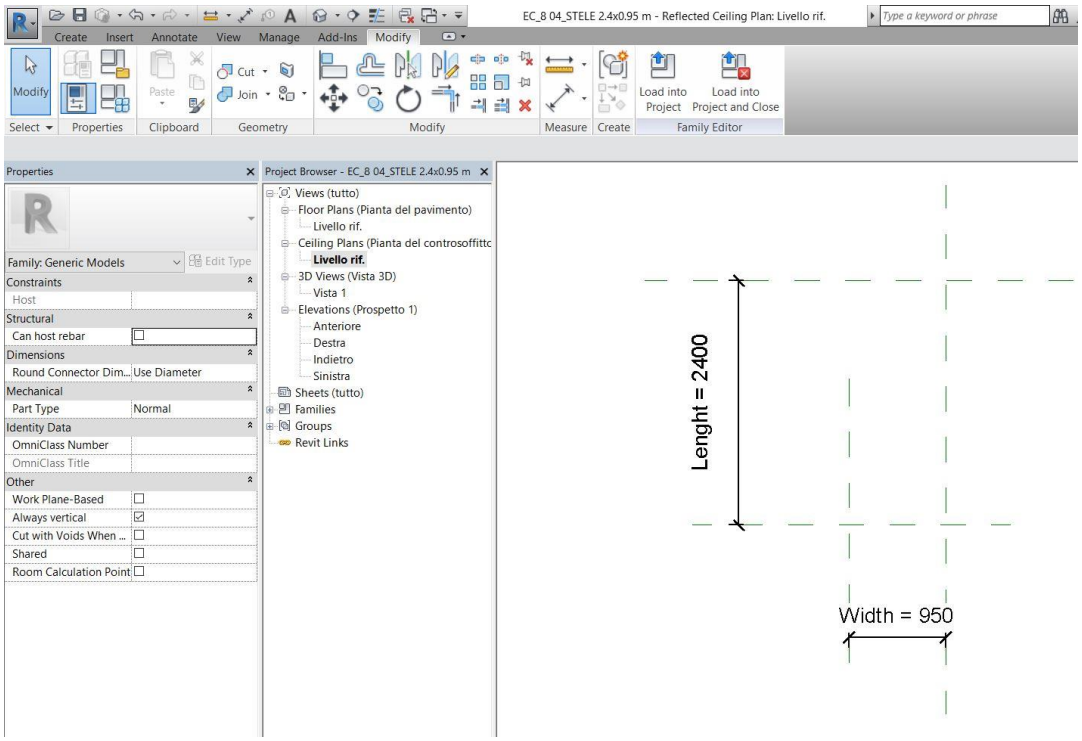
1- Open Revit 2017

- Families
- New
- Generic Metric Model

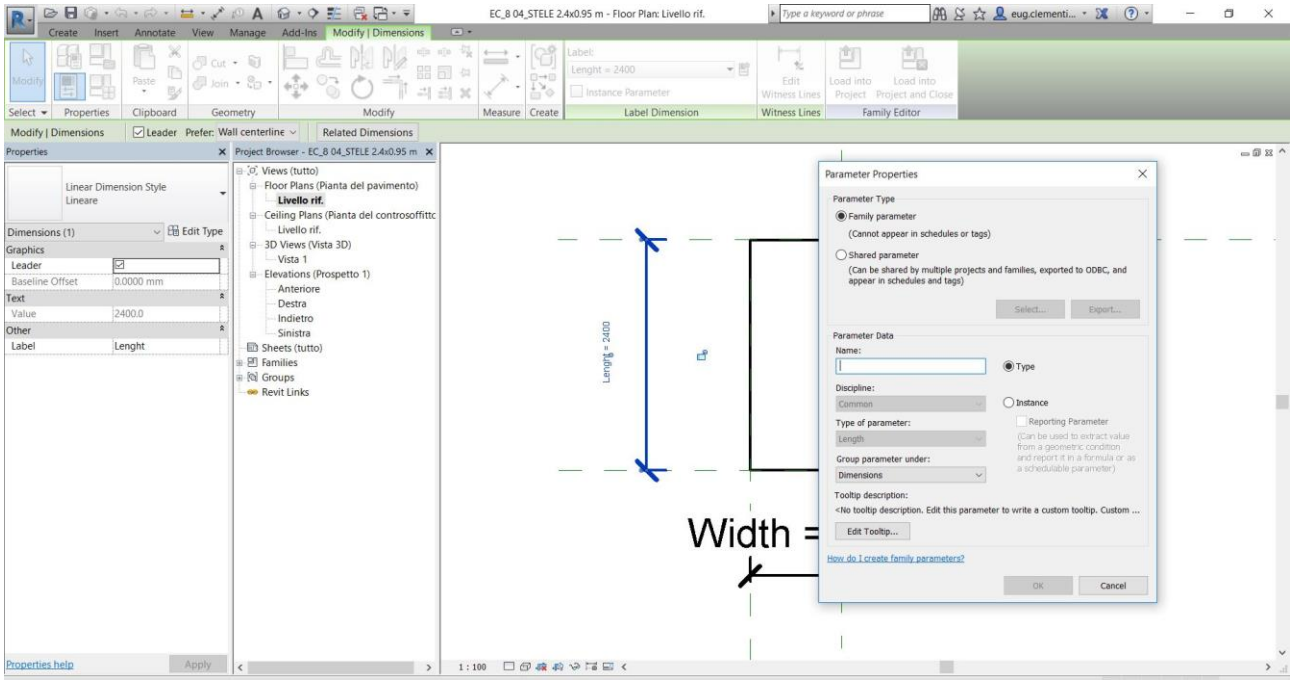


2 - Reference Plane

- Annotate, Alligned

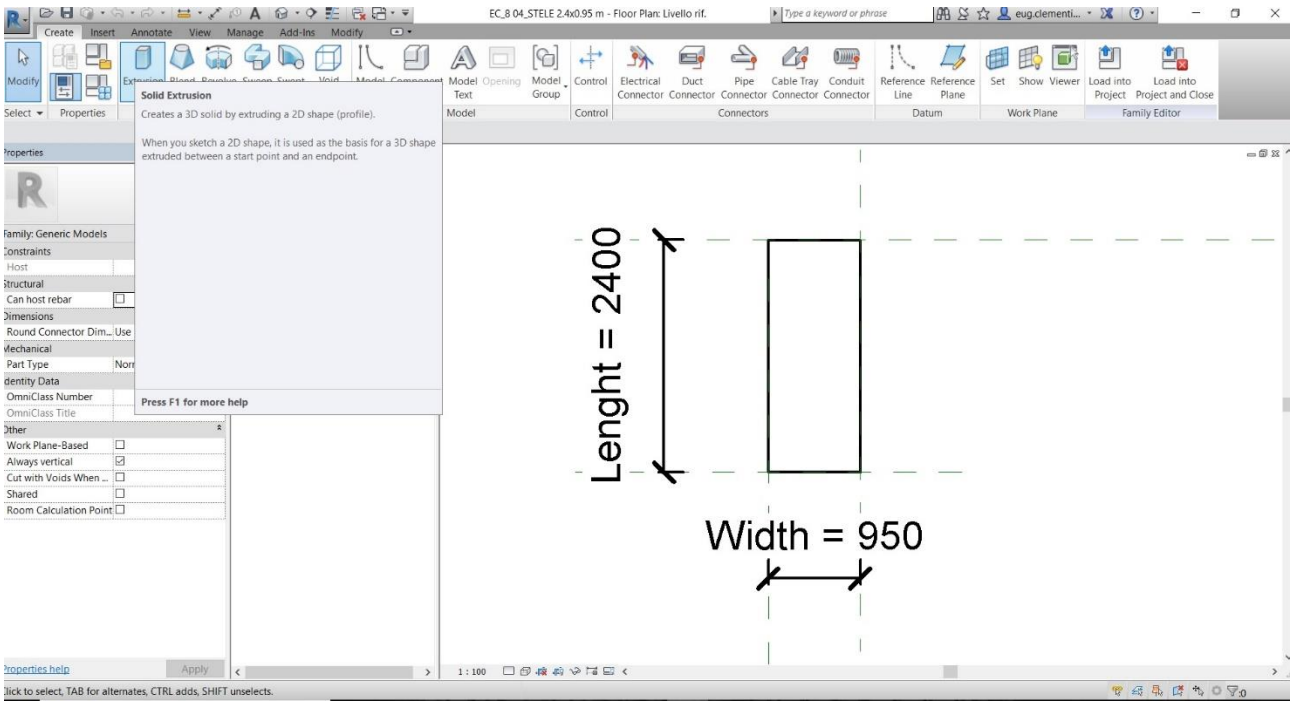


3 - Now we have to create our parameters: Lenght and Width

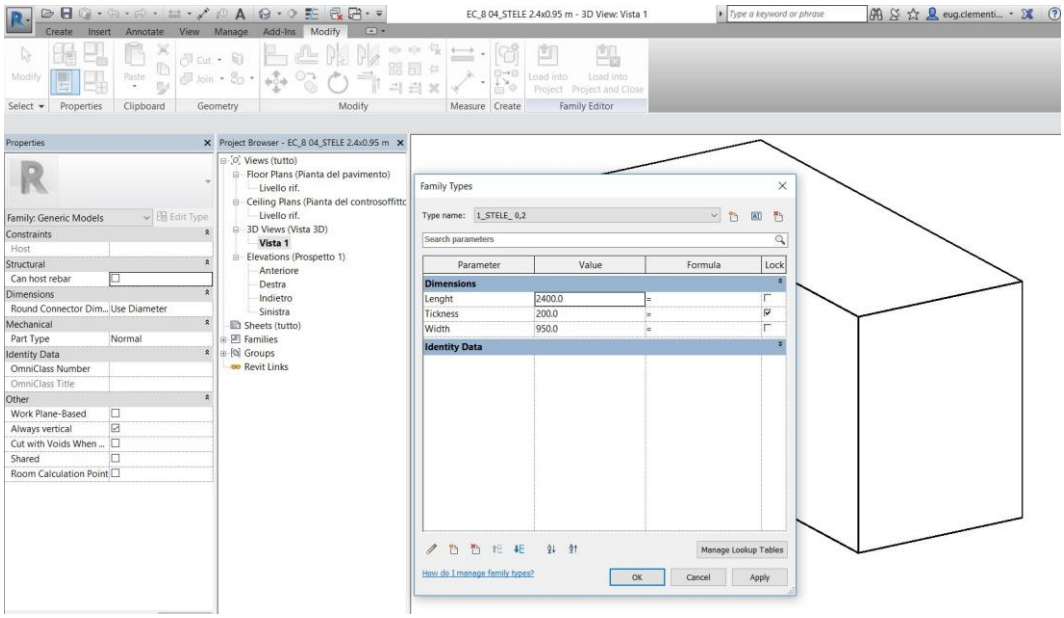



4 – Create

- Extrusion : we have created our parallelepiped in plant.
- In Elevation view we can create our 3 parameter: Thickness.

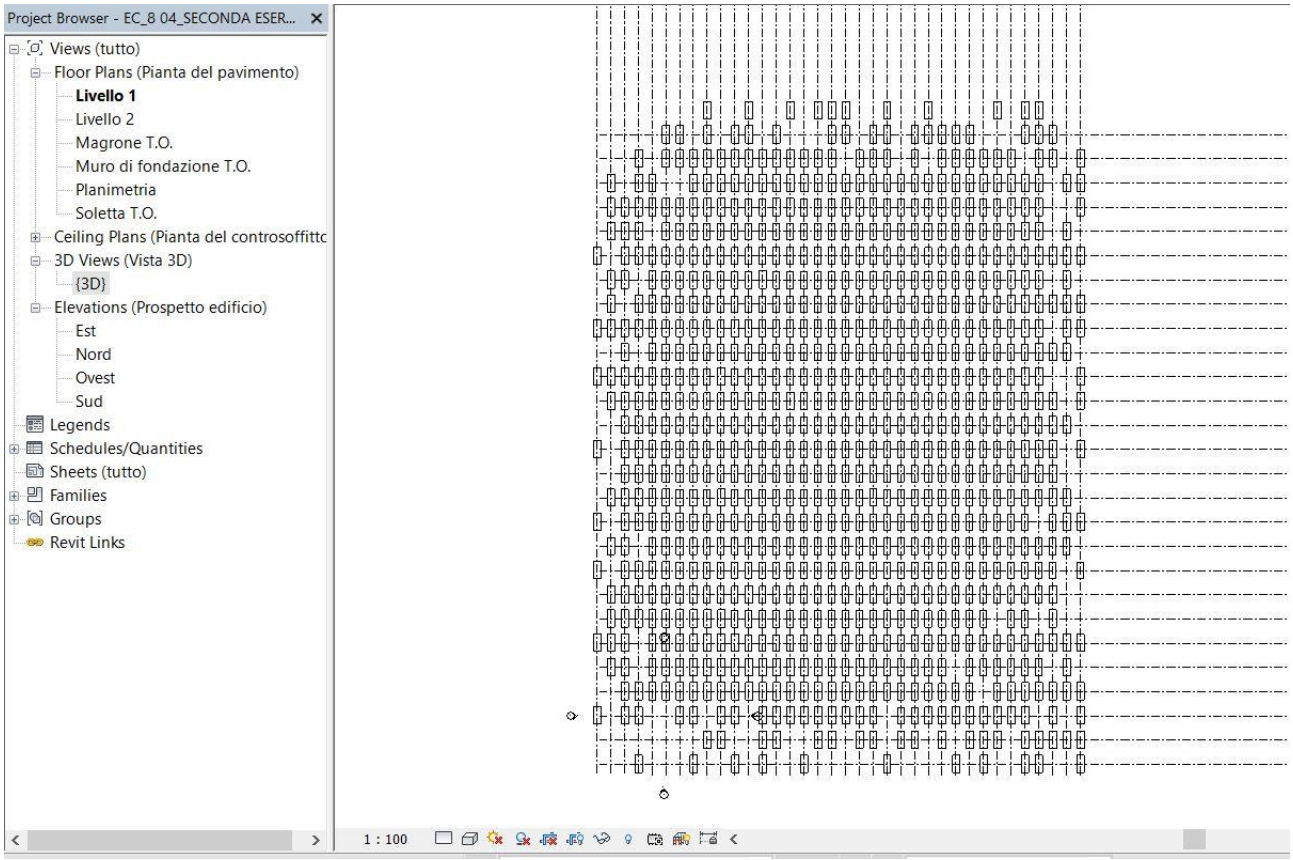


5 – Family Types: lets go create our different “stele” of the monument. I created 7 different types with same lenght and width but different thickness.



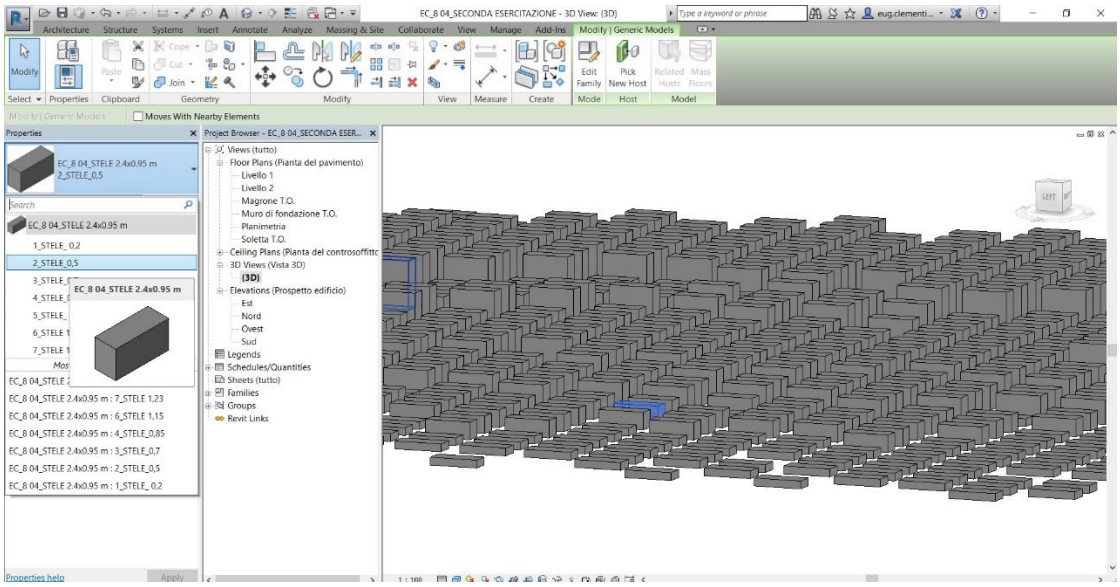

Now open a New Project

6 – Architecture _ grid

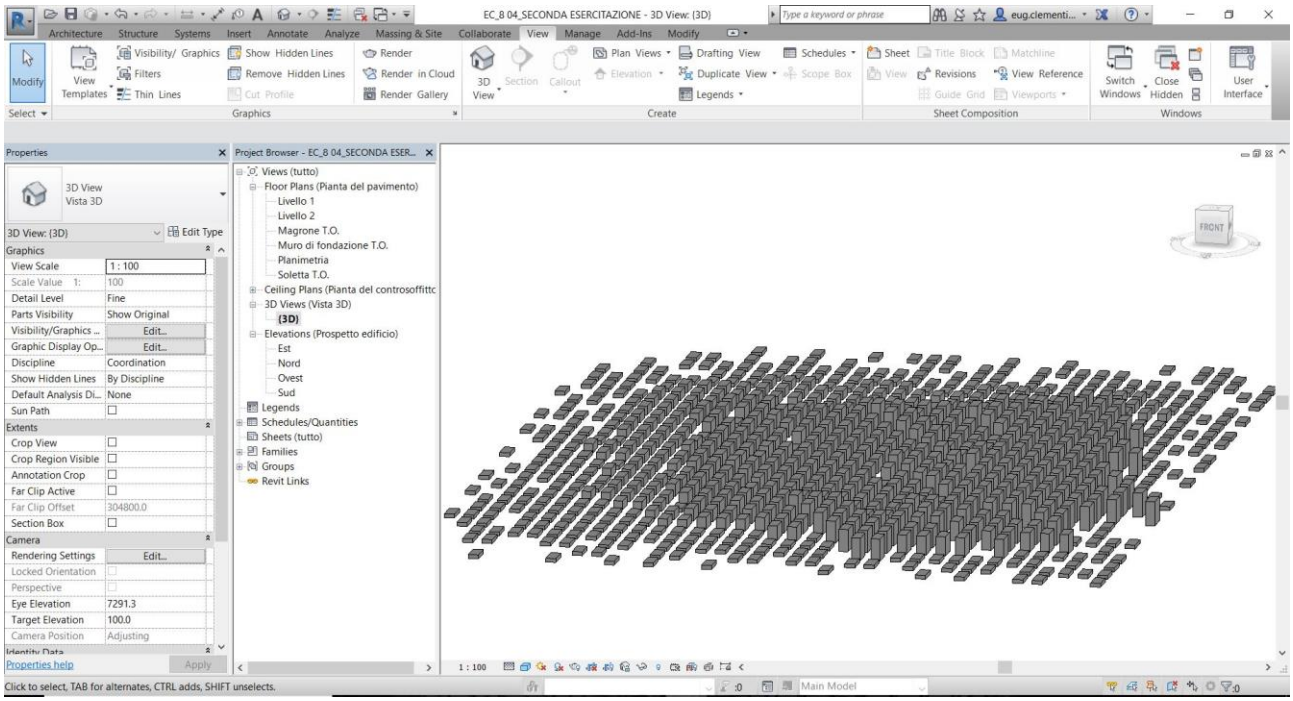


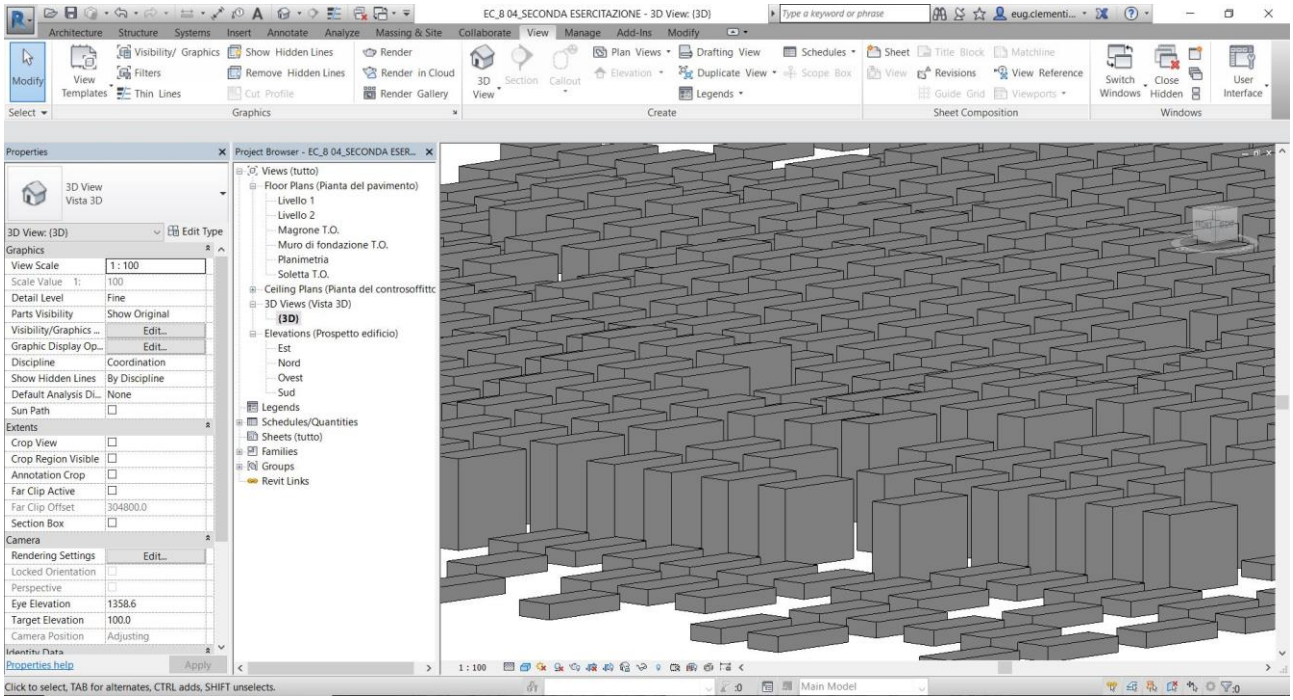
7 – Load the Families in the Project.

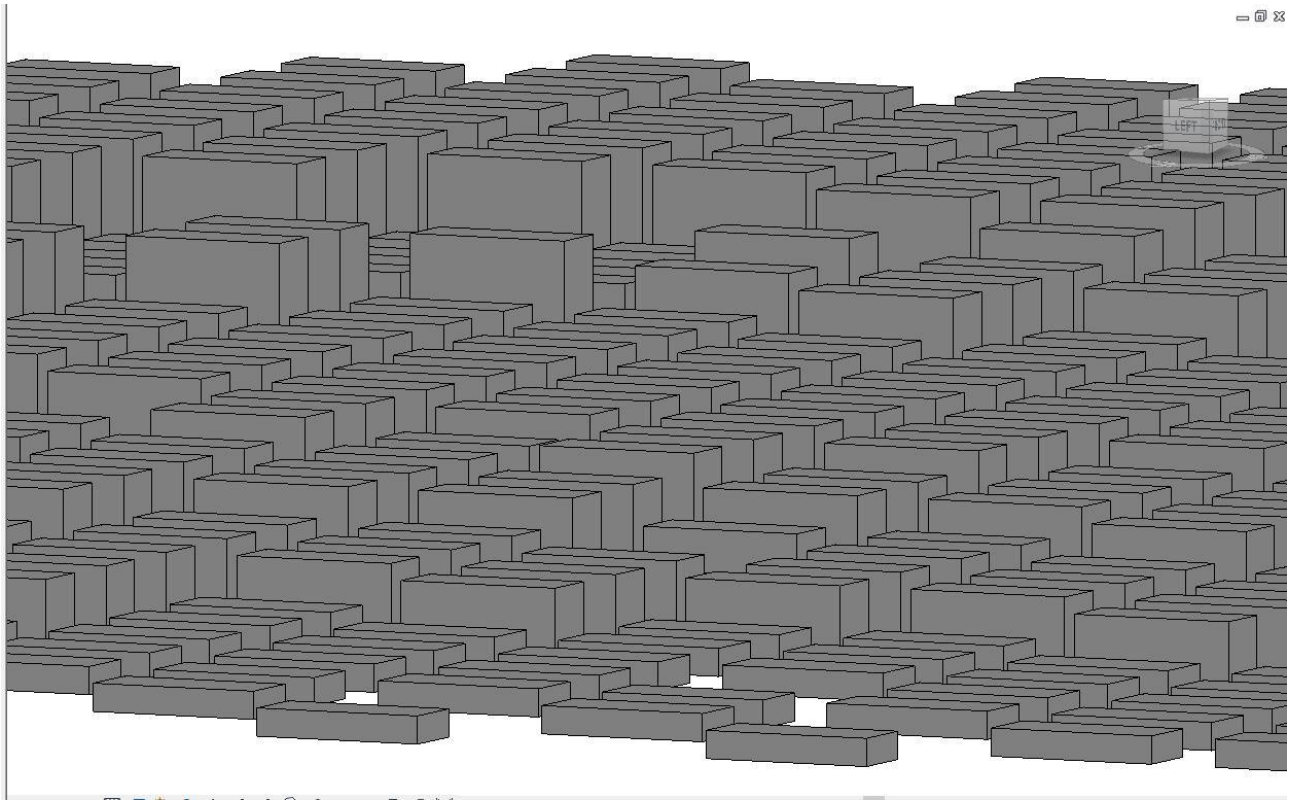
- Assign a basic parallelepipeds in every cross grid.



8 – select groups of parallelepipeds and assign one of the 7 types i created in Families.




EC_8 04_SECONDA ESERCITAZIONE - 3D View: (3D)
Architecture
Structure
Systems
Insert
Annotate
Analyze
Massing & Site
Collaborate
View
Manage
Add-Ins
Modify
Modify
View Templates
Visibility/ Graphics
Filters
Thin Lines
Show Hidden Lines
Remove Hidden Lines
Cut Profile
Render
Render in Cloud
Render Gallery
3D View
Section
Callout
Plan Views
Elevation
Drafting View
Duplicate View
Legends
Schedules
Scope Box
Sheet
Title Block
Matchline
View
Revisions
View Reference
Guide Grid
Viewports
Switch Windows
Close Hidden
User Interface
Select
Graphics
Create
Sheet Composition
Windows
Properties
3D View
Vista 3D
3D View: (3D)
Edit Type
Graphics
View Scale
1 : 100
Scale Value 1:
100
Detail Level
Fine
Parts Visibility
Show Original
Visibility/Graphics ...
Edit...
Graphic Display Op...
Edit...
Discipline
Coordination
Show Hidden Lines
By Discipline
Default Analysis Di...
None
Sun Path
Extents
Crop View
Crop Region Visible
Annotation Crop
Far Clip Active
Far Clip Offset
304800.0
Section Box
Camera
Rendering Settings
Edit...
Locked Orientation
Perspective
Eye Elevation
1358.6
Target Elevation
100.0
Camera Position
Adjusting
Identity Data
Properties help
Apply
Project Browser - EC_8 04_SECONDA ESER...
Views (tutto)
Floor Plans (Pianta del pavimento)
Livello 1
Livello 2
Magrone T.O.
Muro di fondazione T.O.
Planimetria
Soletta T.O.
Ceiling Plans (Pianta del controsoffitto
3D Views (Vista 3D)
{3D}
Elevations (Prospetto edificio)
Est
Nord
Ovest
Sud
Legends
Schedules/Quantities
Sheets (tutto)
Families
Groups
Revit Links
1 : 100
Main Model
Click to select, TAB for alternates, CTRL adds, SHIFT unselects.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