

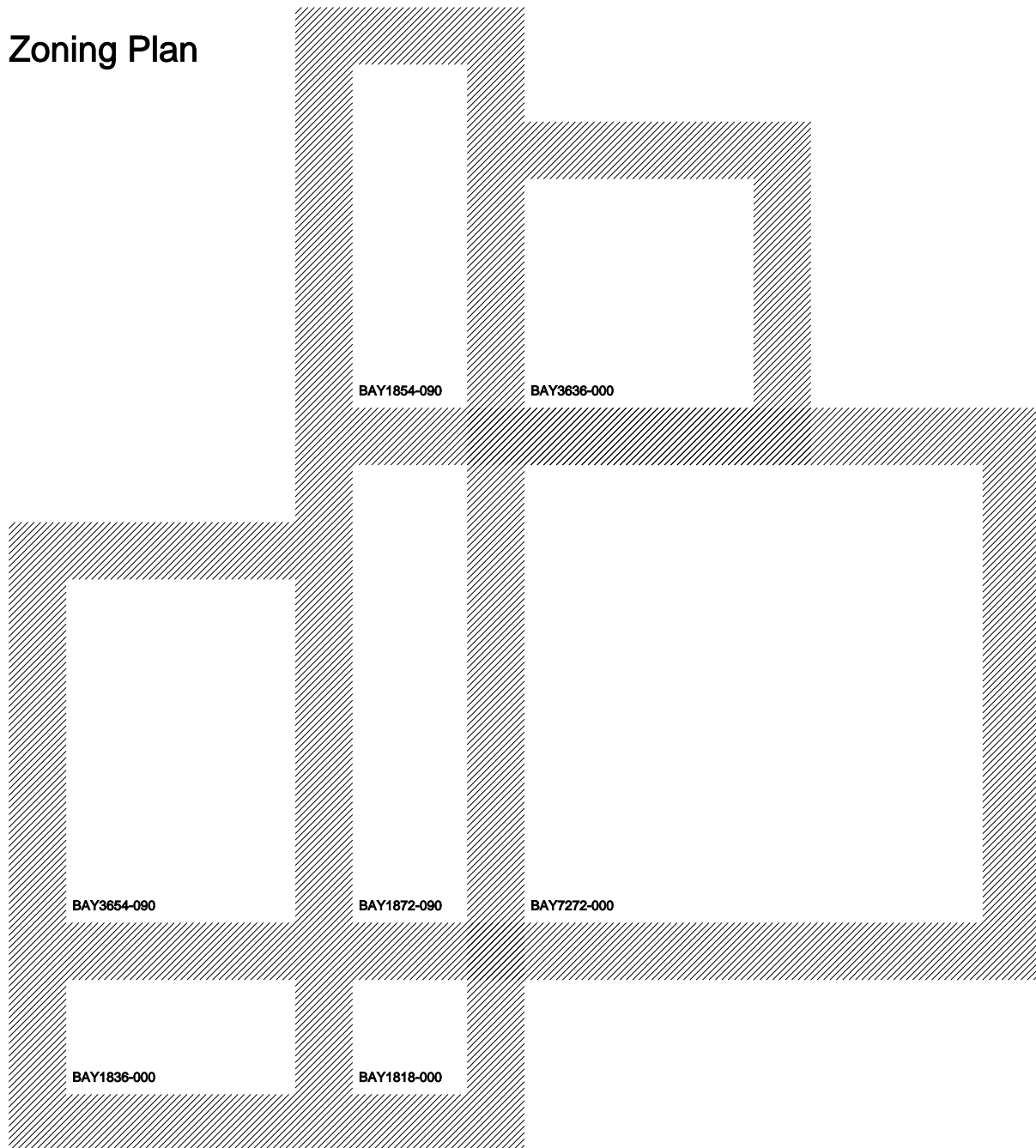
EMERALD

Gnosis Soft Factory Design 1997.11.21
A. Scott Howe, architect

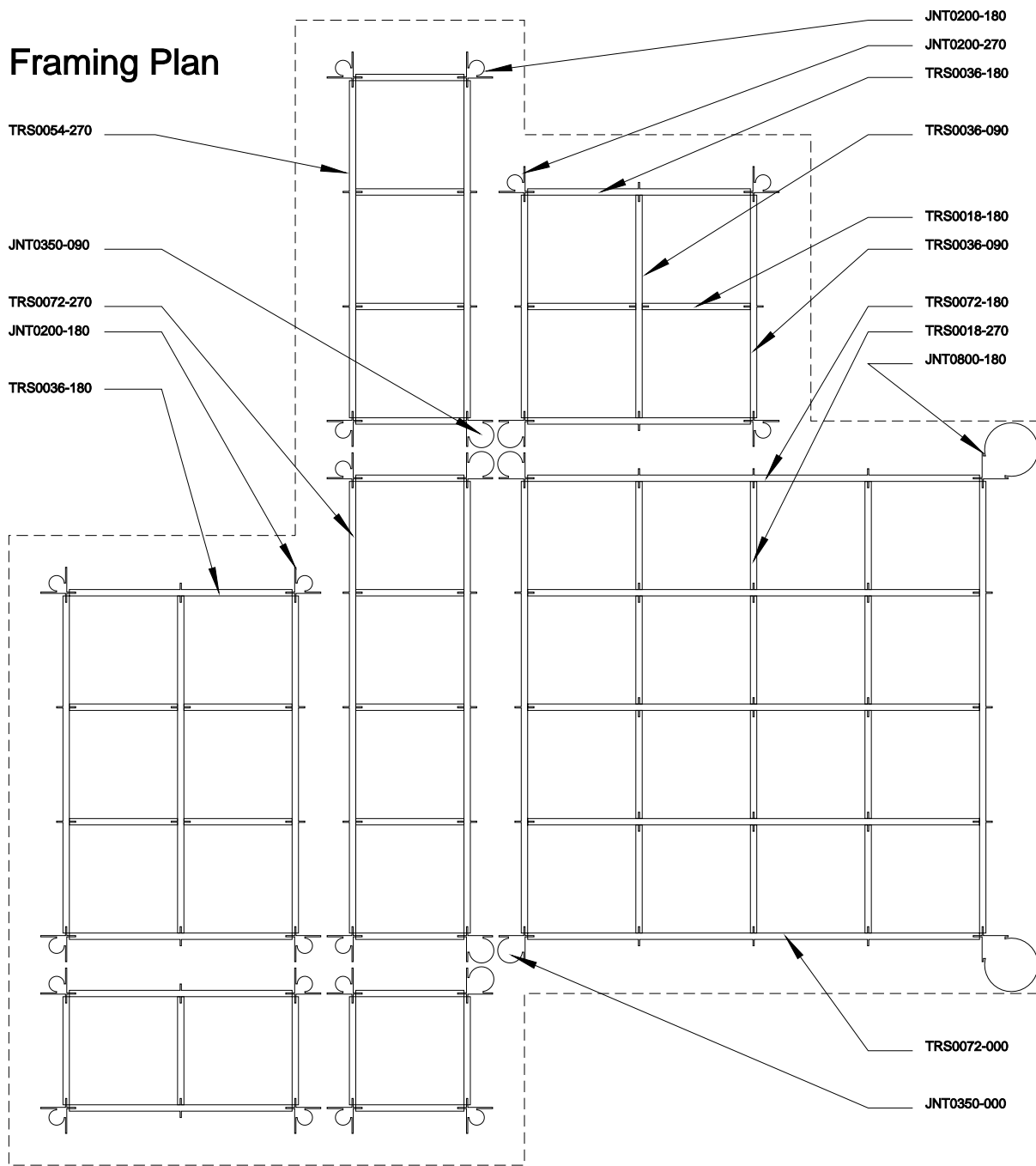
An example floor plan

The following is an example floor plan to show the correct placement of the EMERALD Gnosis soft factory design kit-of-parts components. The drawings start with space zone / structure zone layouts and also include framing plan, floor plan, and roof plan.

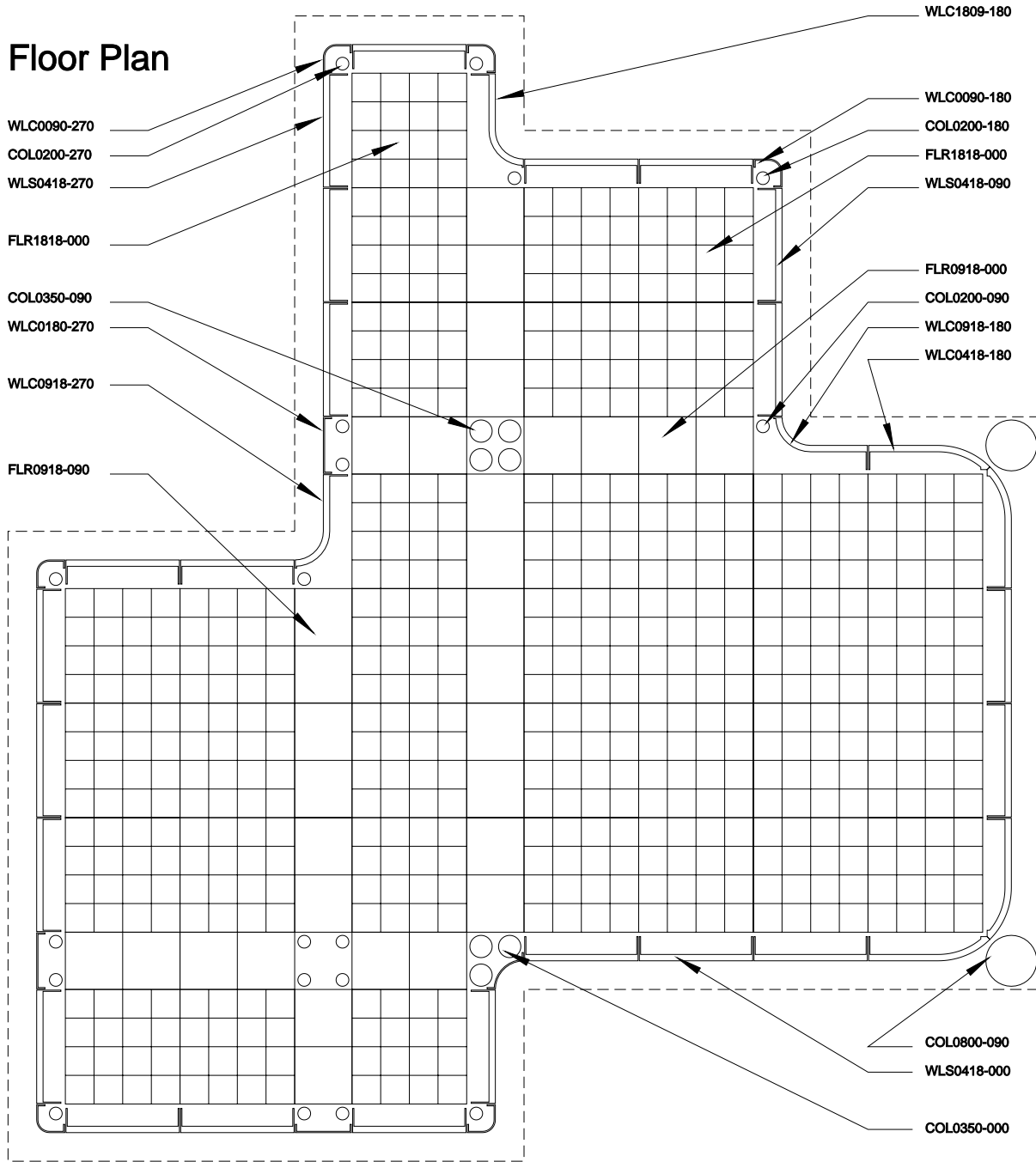
Zoning Plan



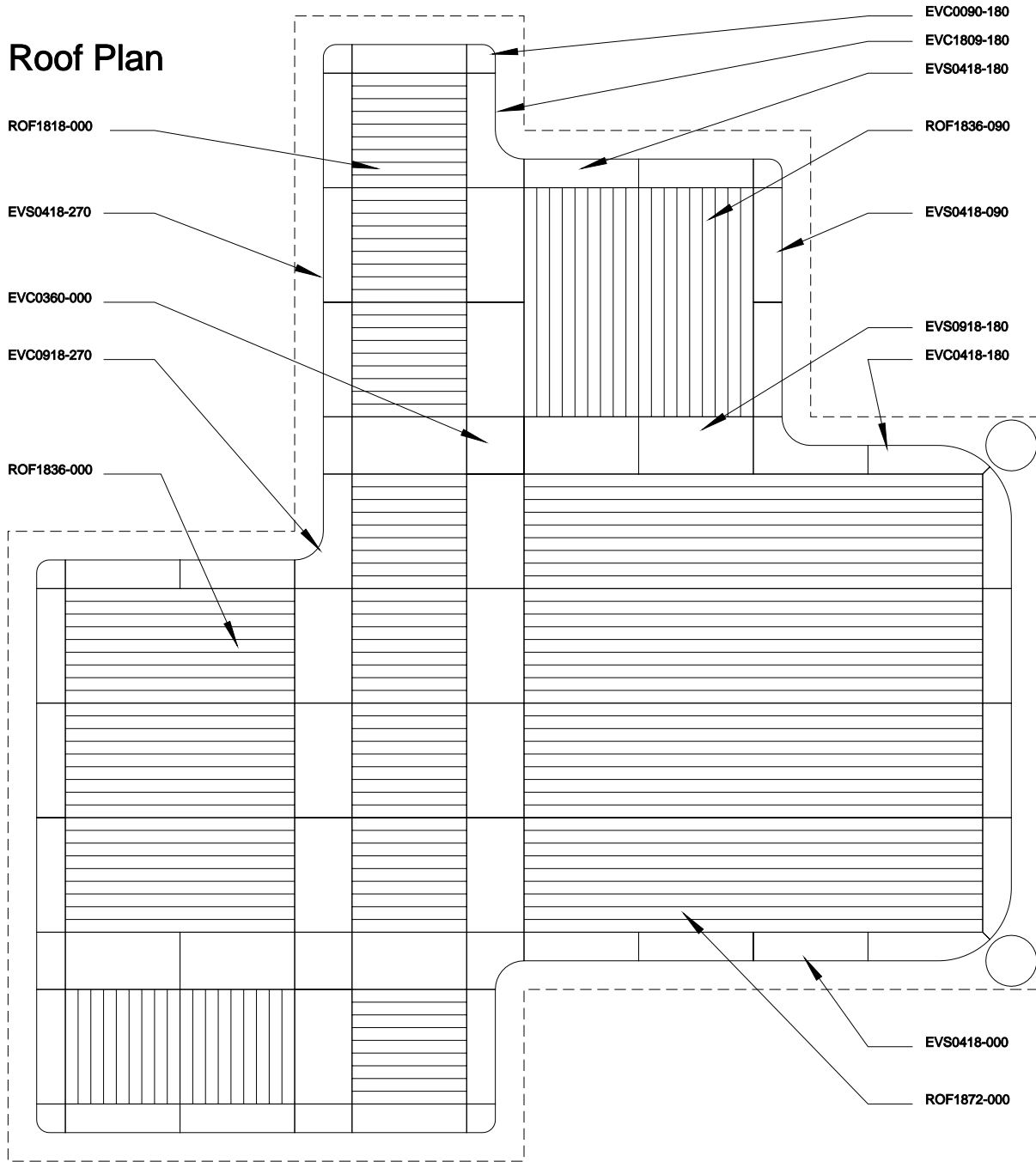
Framing Plan



Floor Plan

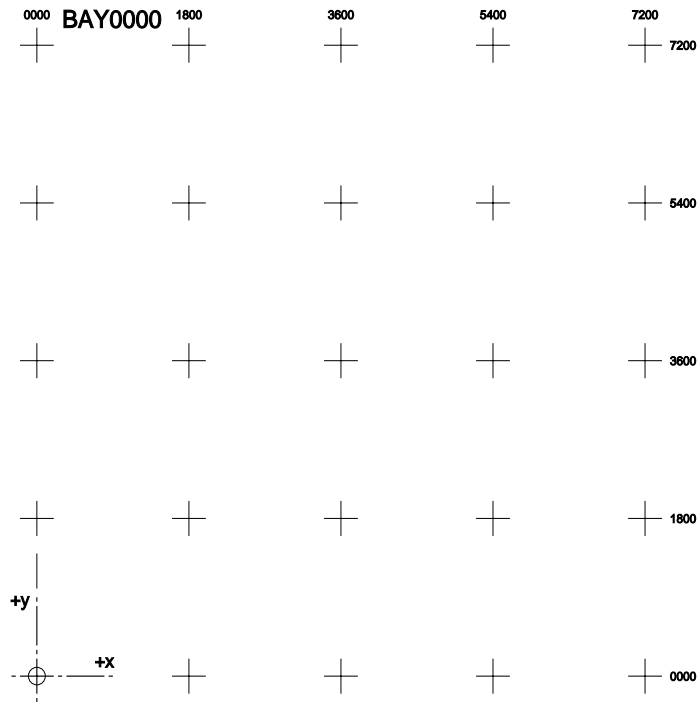


Roof Plan



Possible bay sizes

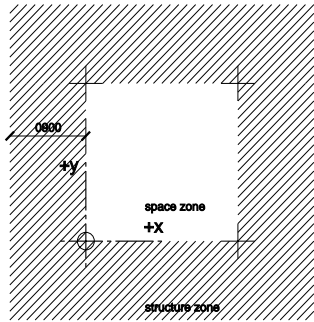
Possible bay sizes for the EMERALD Gnosis soft factory design are shown on the following pages. Each bay size has a unique name, which is derived from the bay size itself. The bay diagrams are laid out on a graphical grid such as that shown below.



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5400

3600



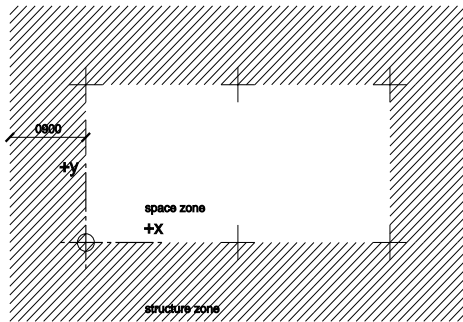
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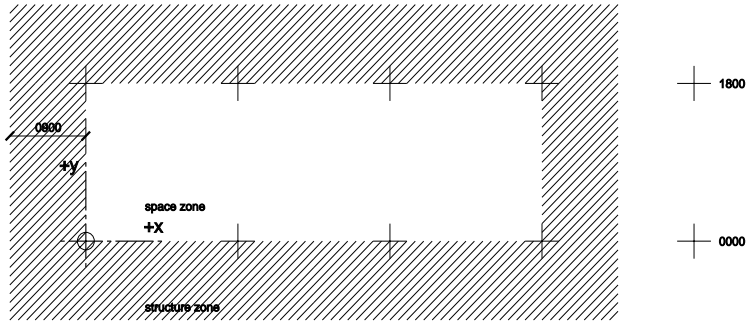
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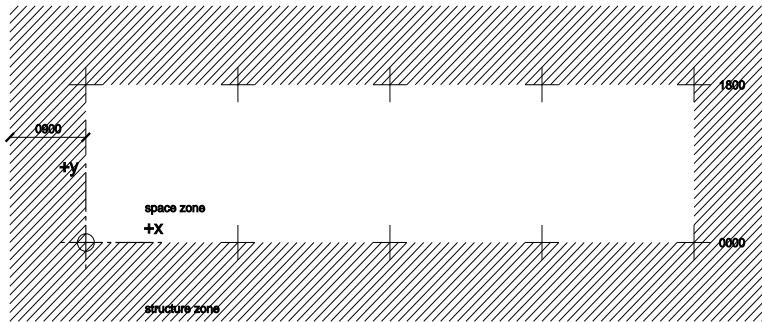
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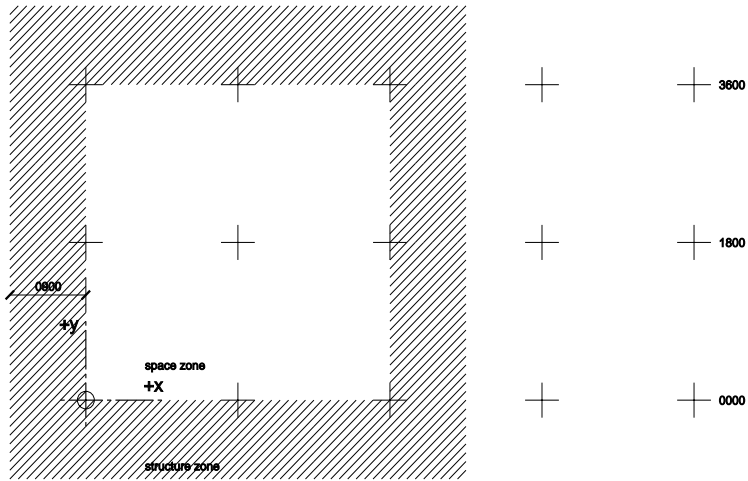
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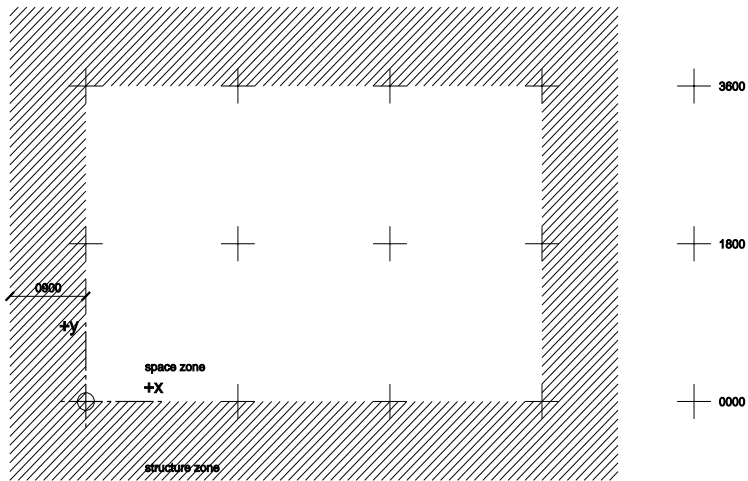
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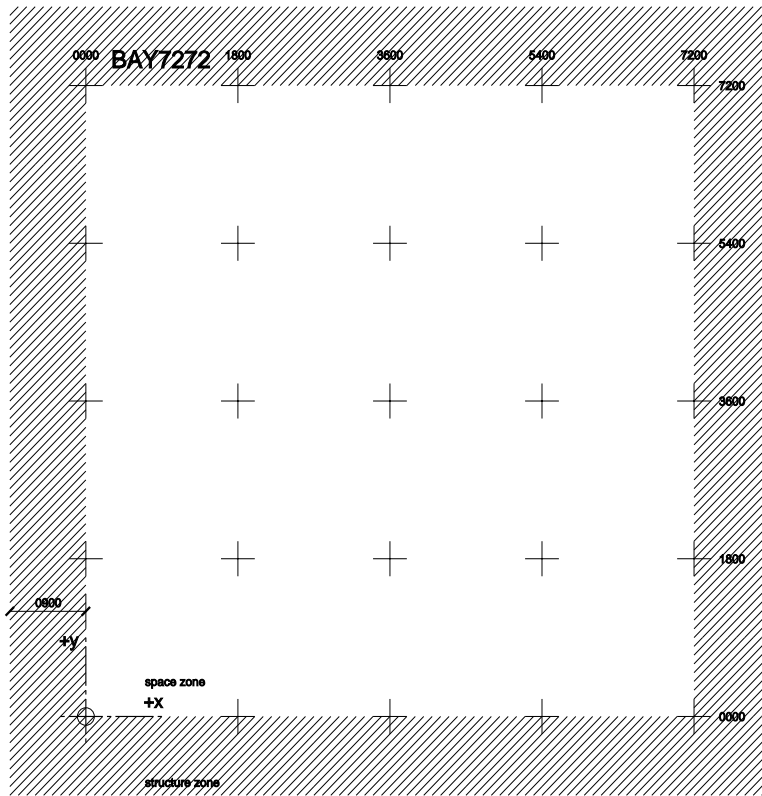
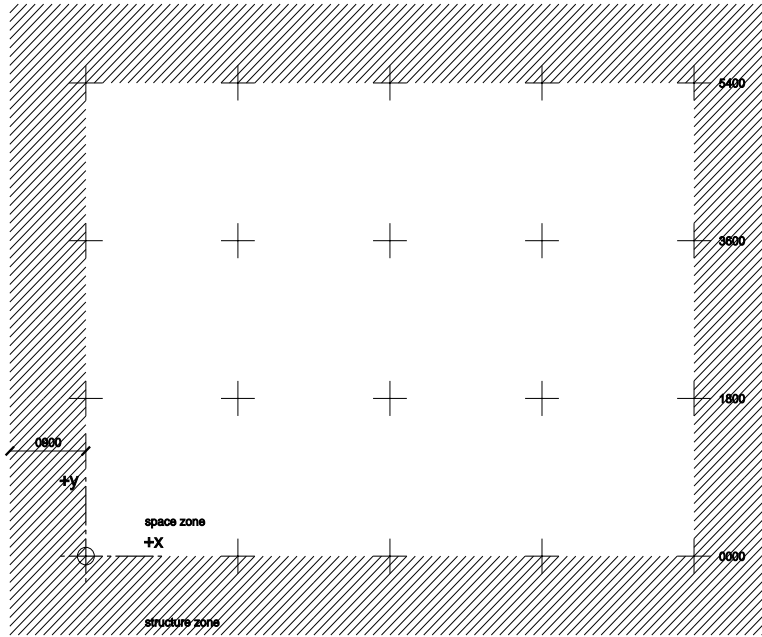


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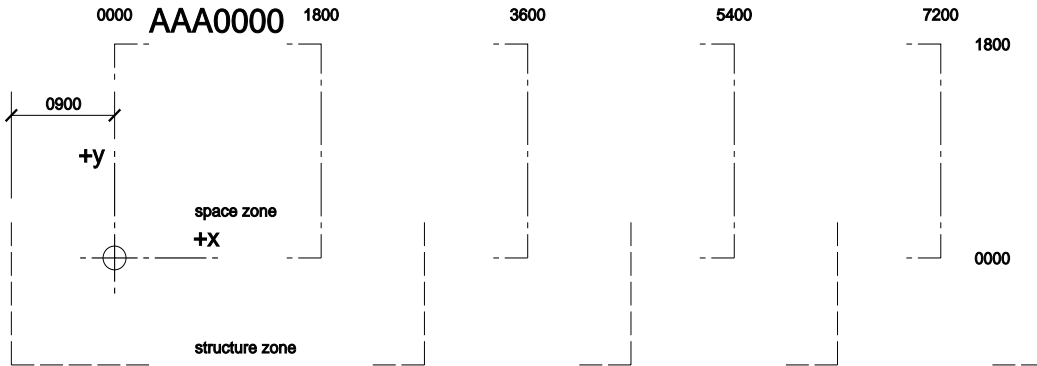


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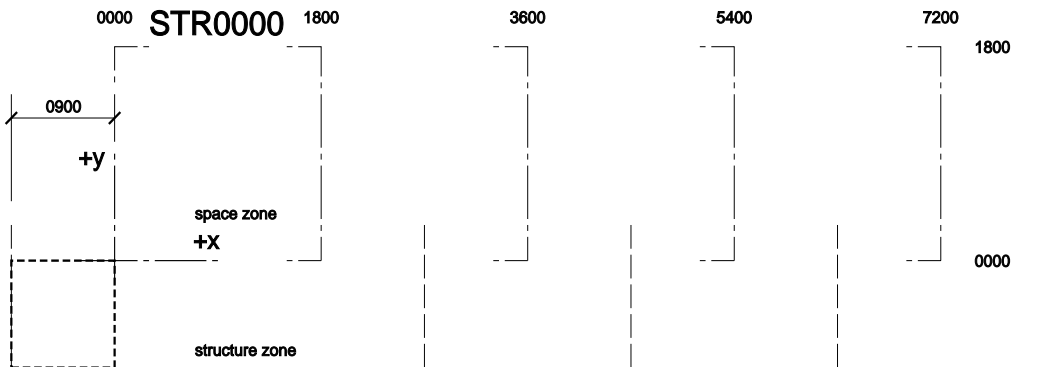


Possible component types

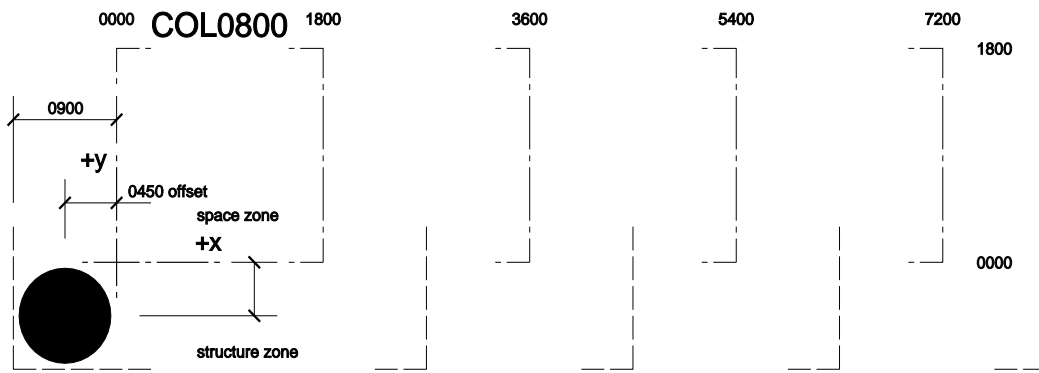
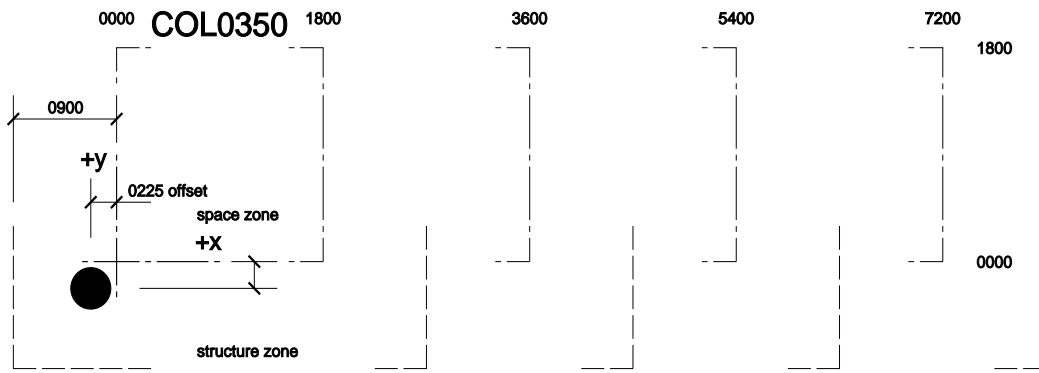
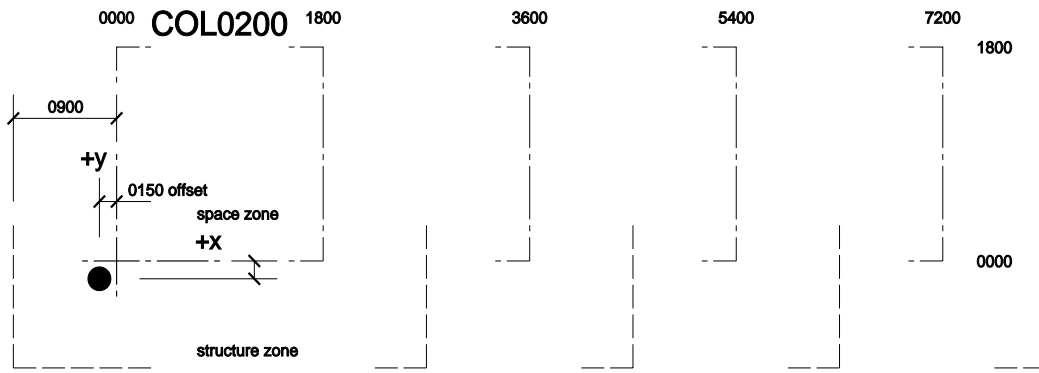
Each of the possible component types for the EMERALD Gnosis soft factory design has a unique name, which is derived from the component size and type. The component diagrams are laid out on a graphical scaling grid such as that shown below.

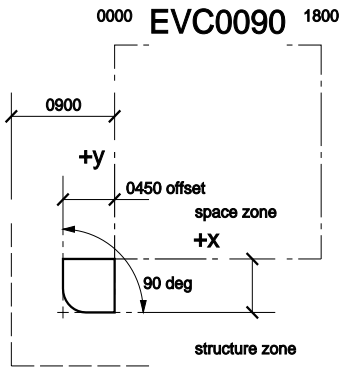


In addition to regular components, a special parameterized structure zone component is shown below. This component is not included in the library, but is needed as a ghost component in the VRML model complexity level 1.



The regular components are shown on the following pages. The components included represent only enough types to construct the plan at the beginning of this report. The components are generic, and would be modular to the extent that other sub types could be derived from the basic type. Sub types could include doors, windows, shading devices, etc.





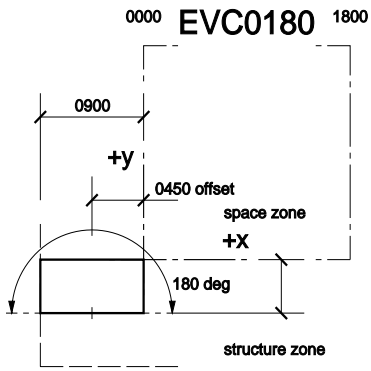
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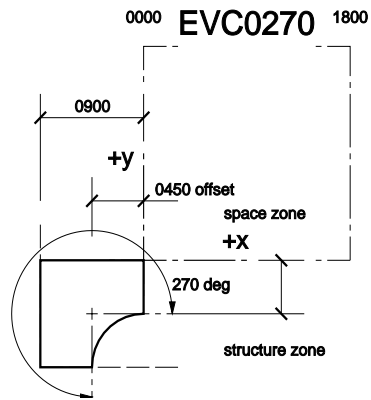
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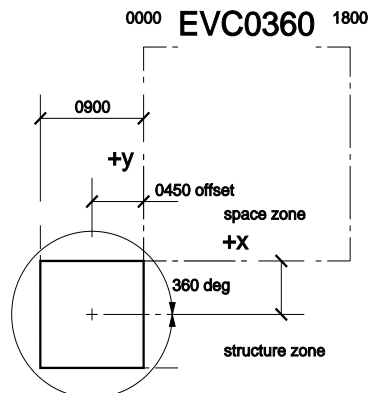
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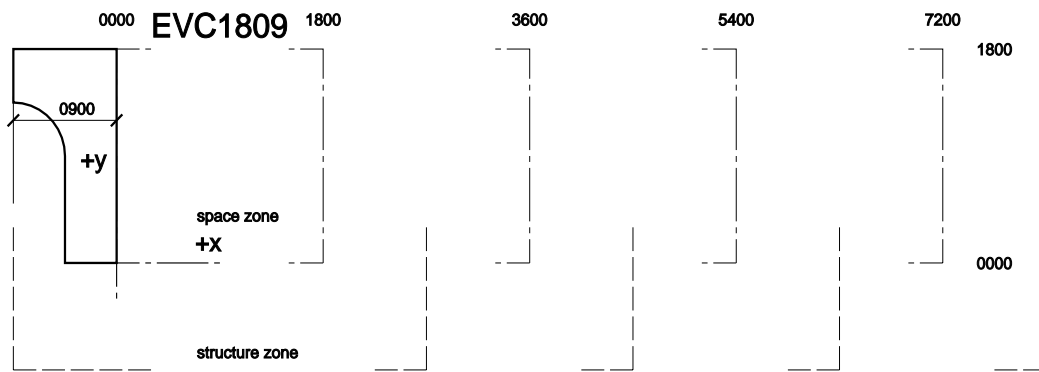
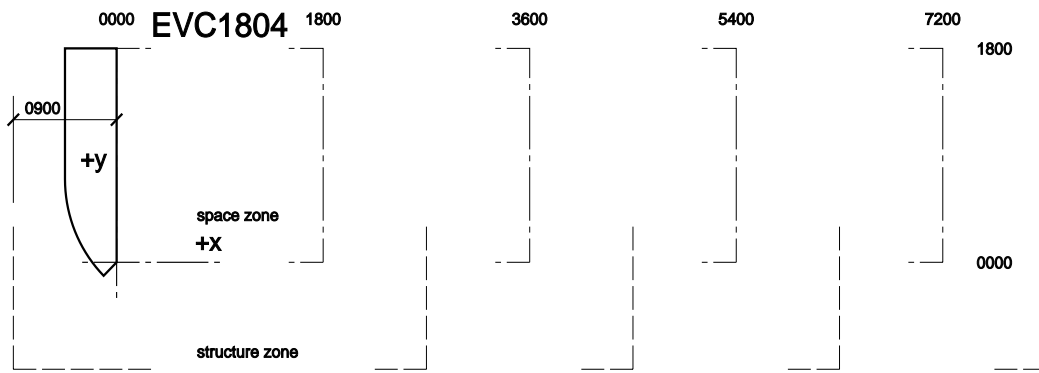
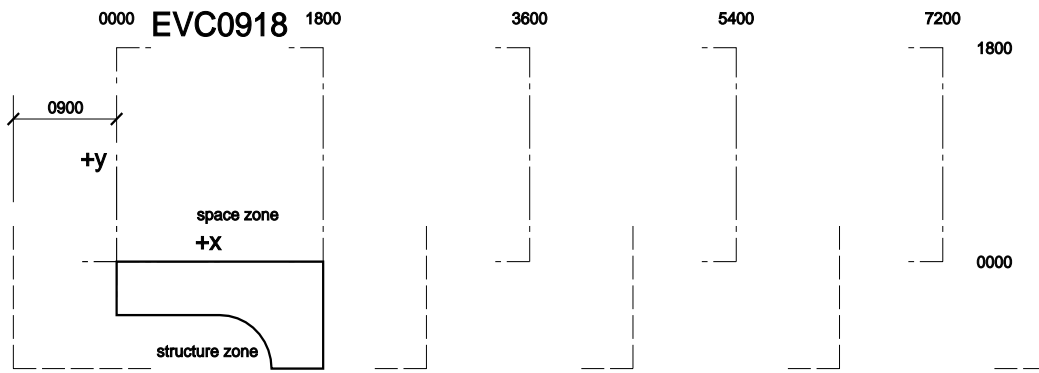
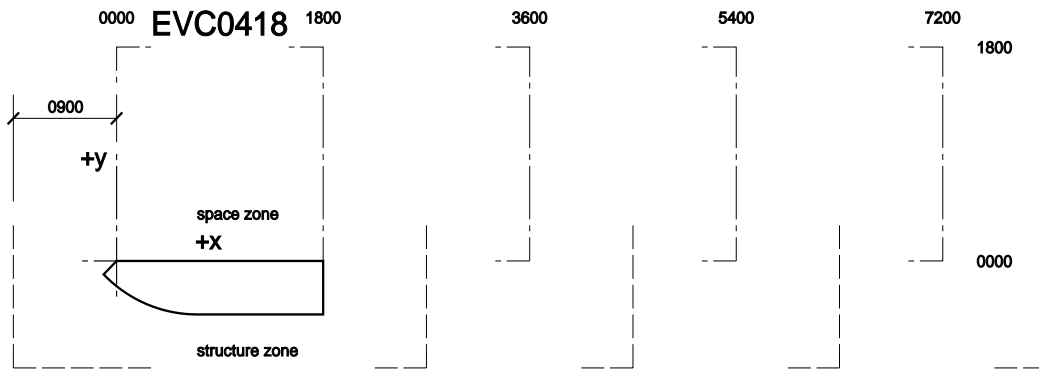
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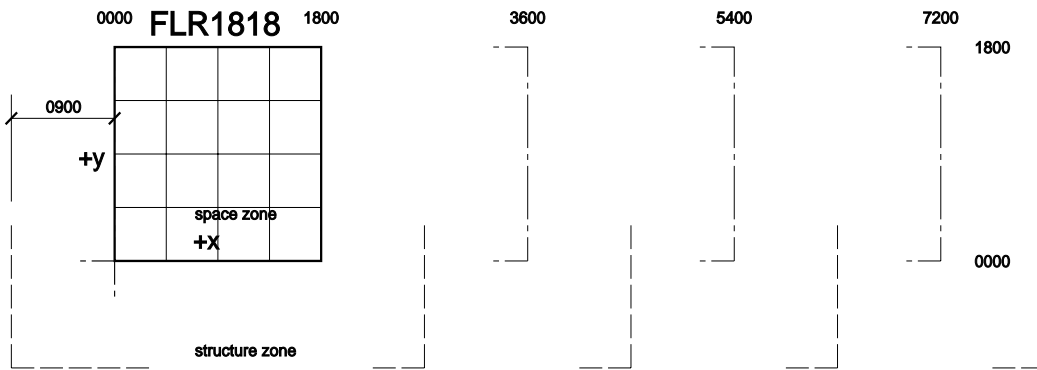
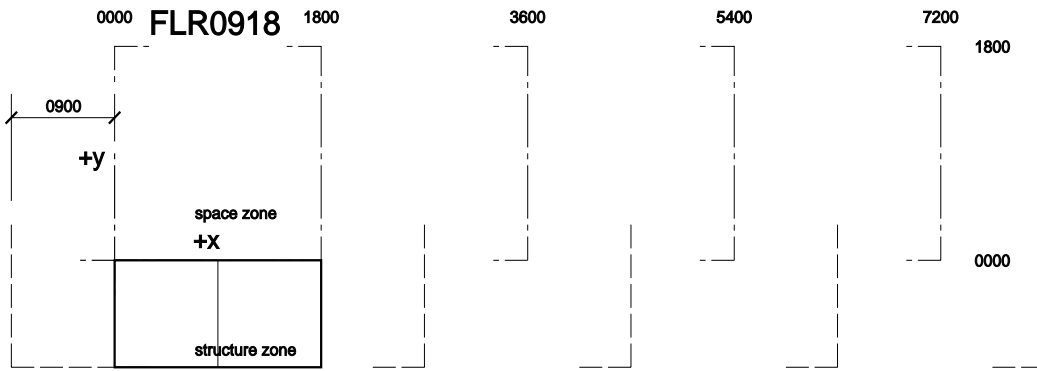
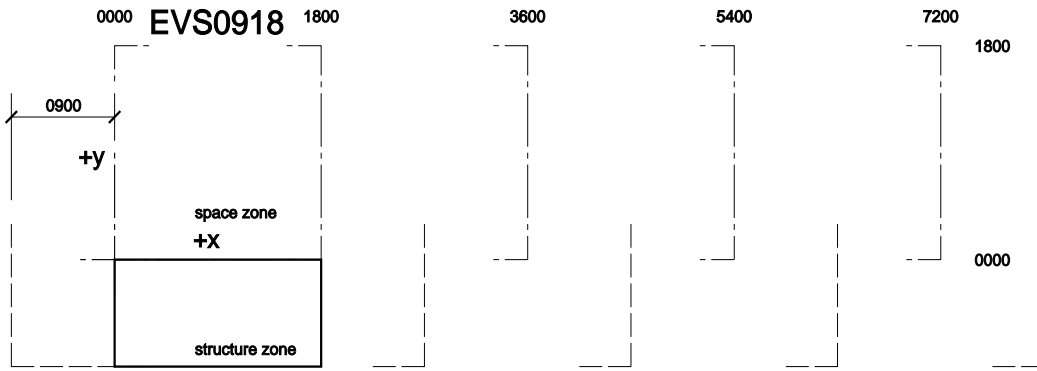
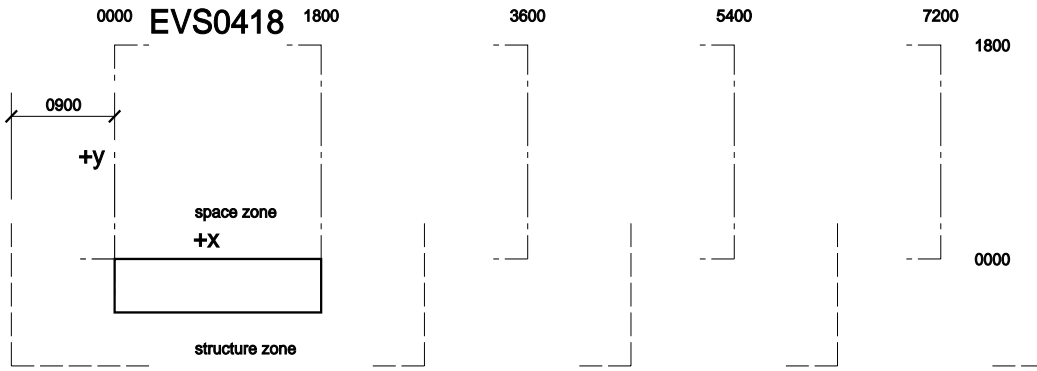
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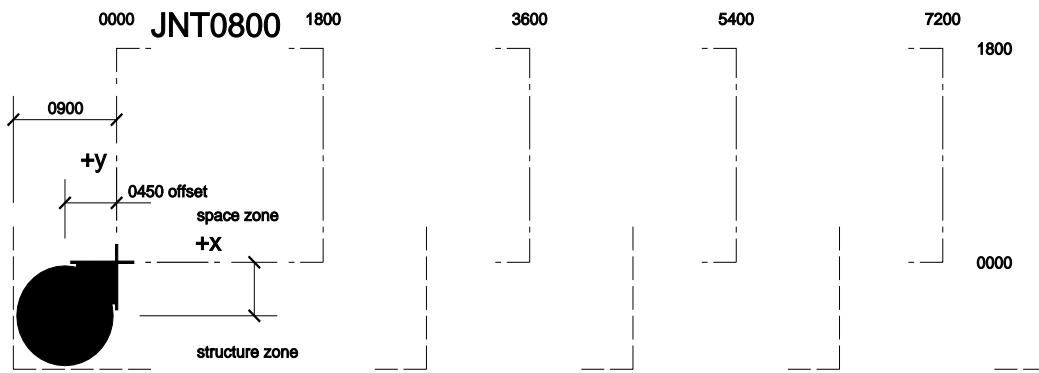
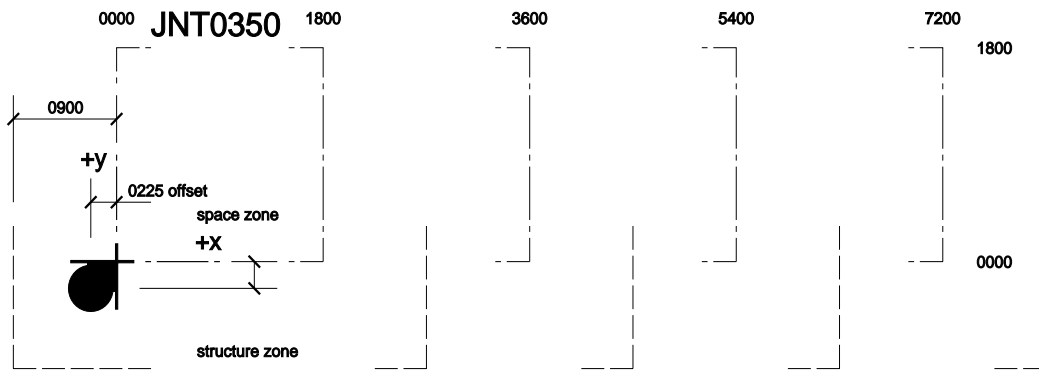
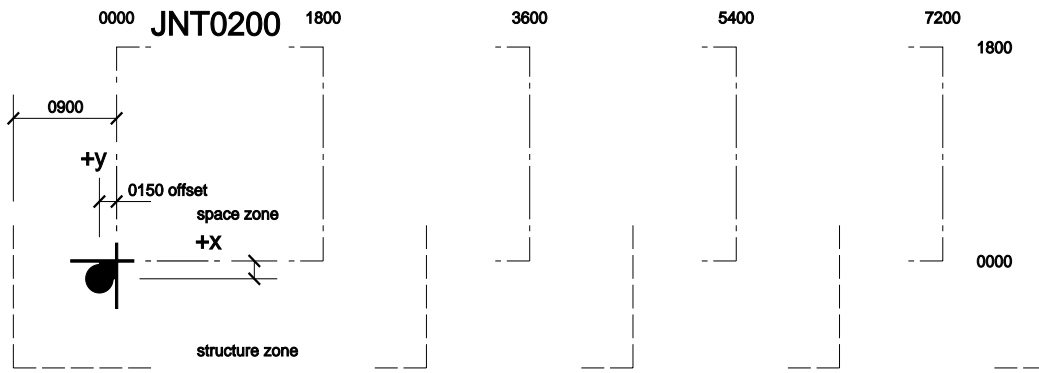
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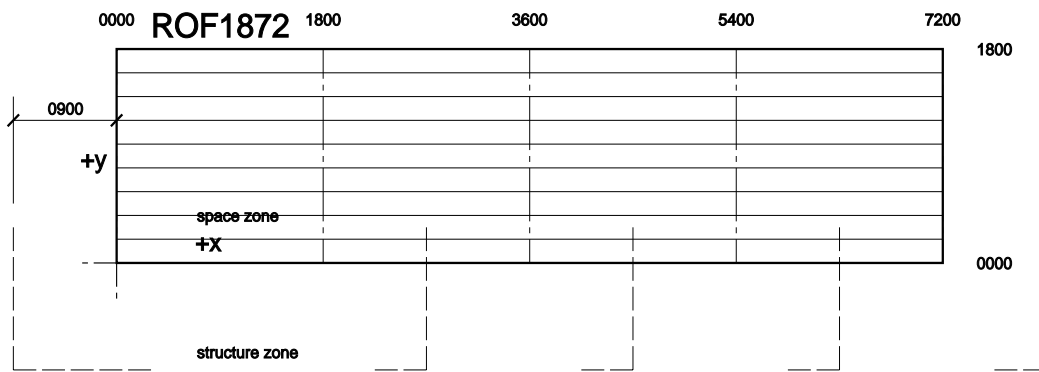
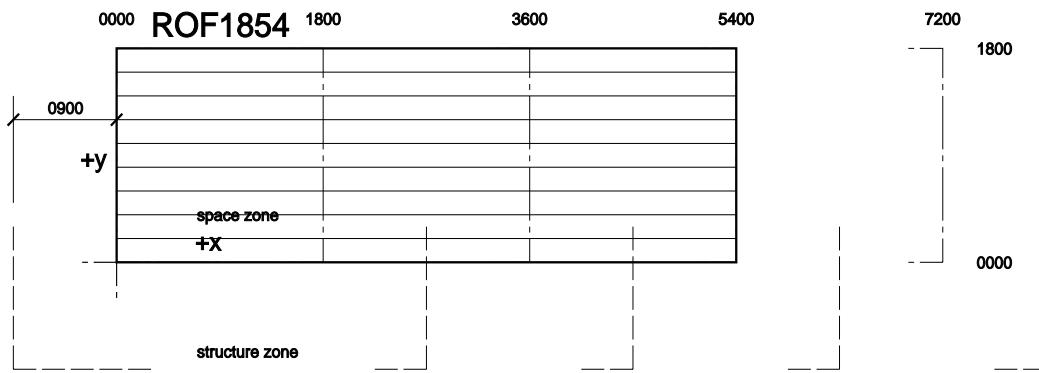
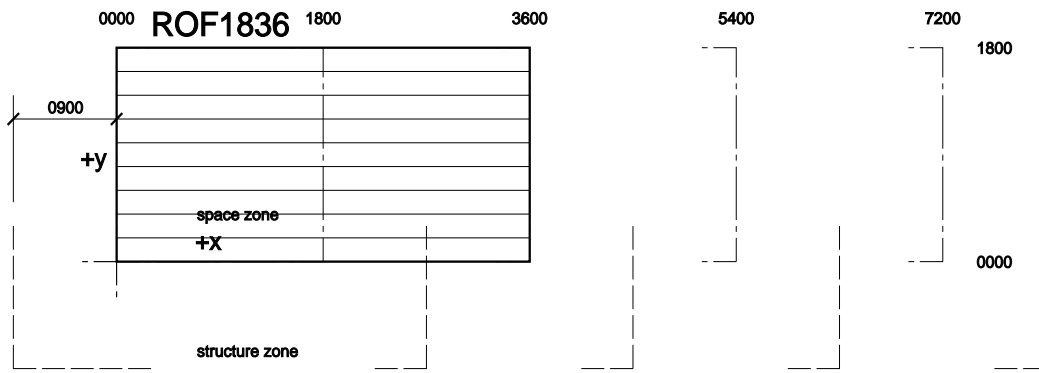
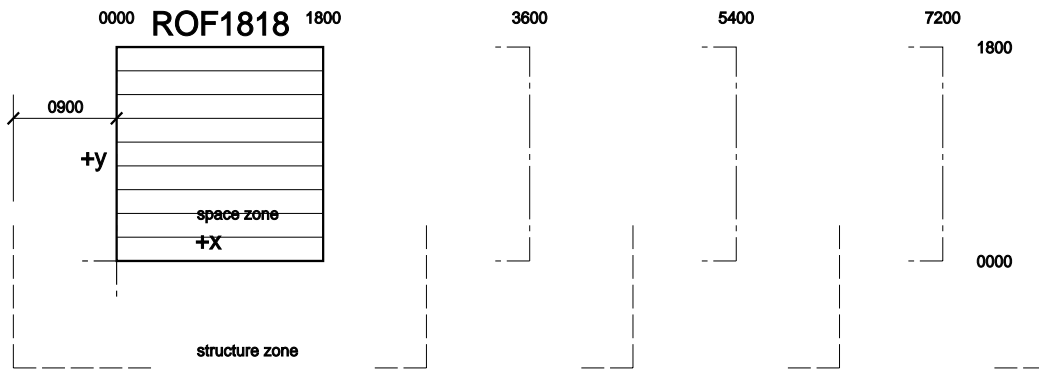
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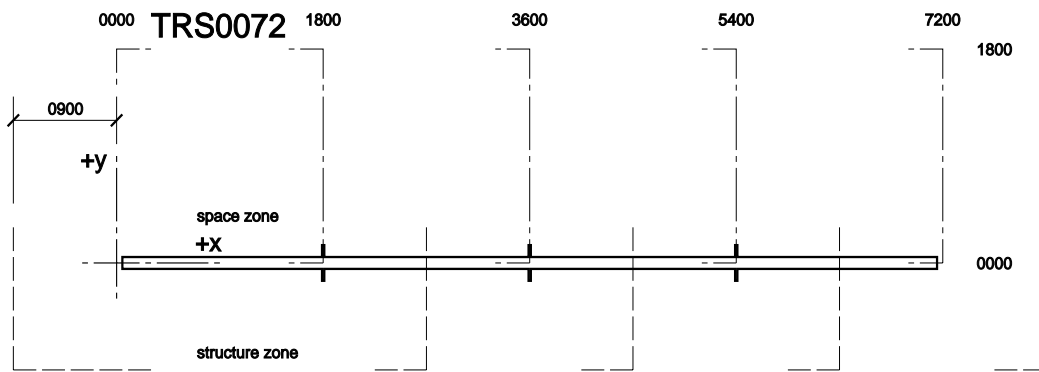
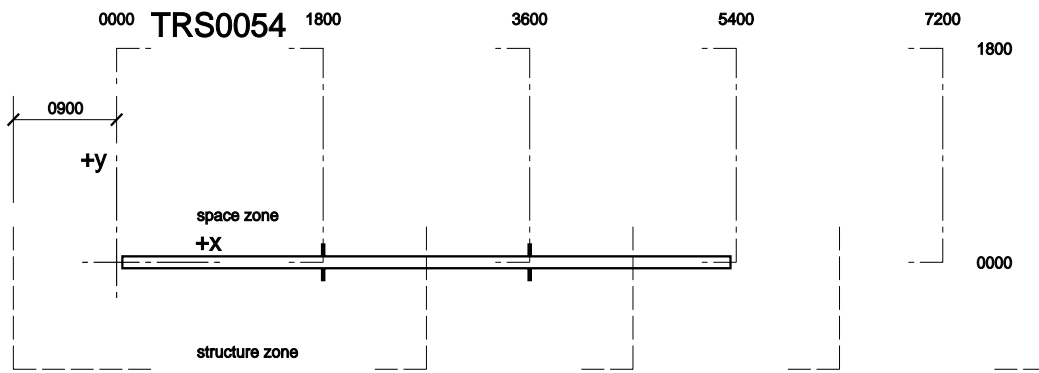
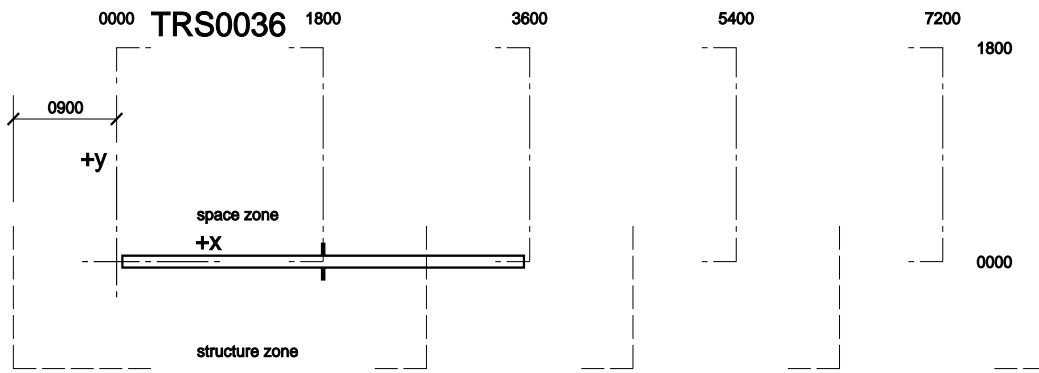
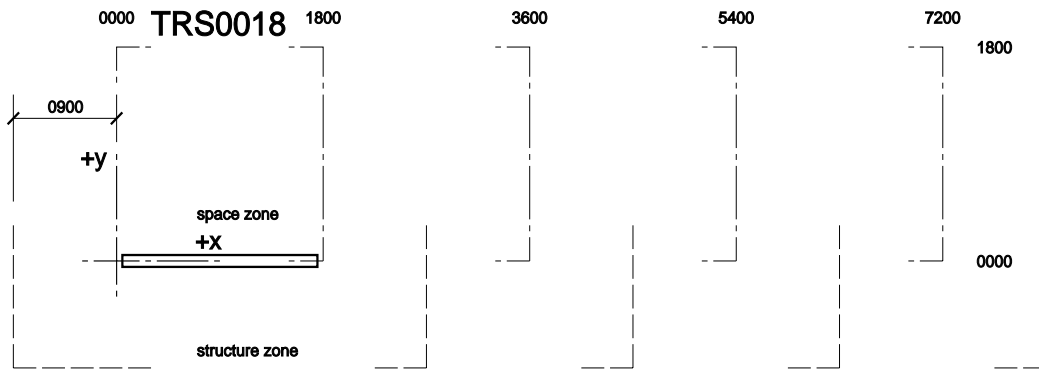
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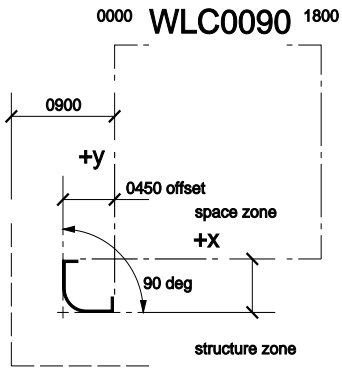












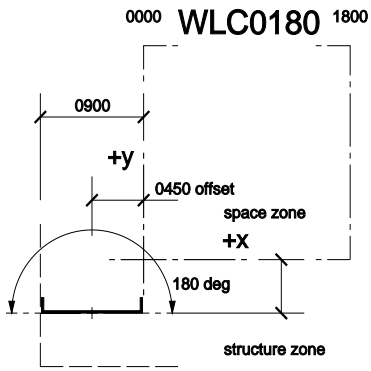
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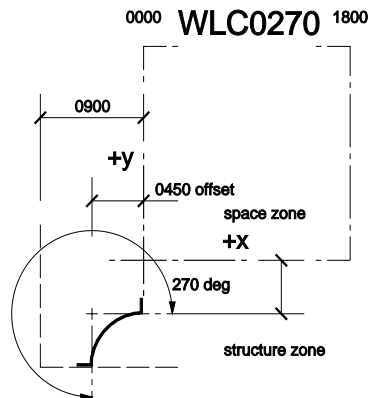
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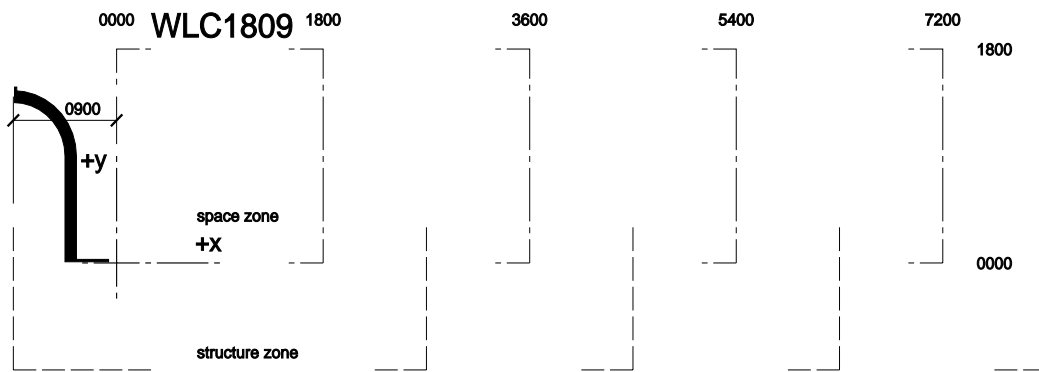
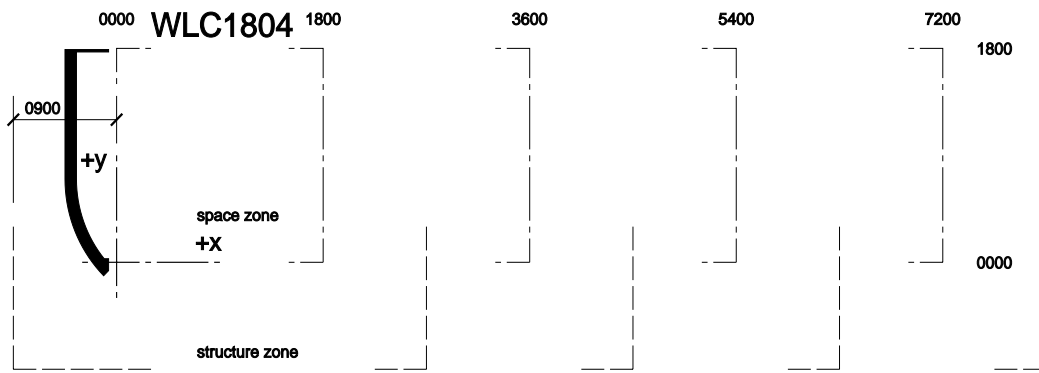
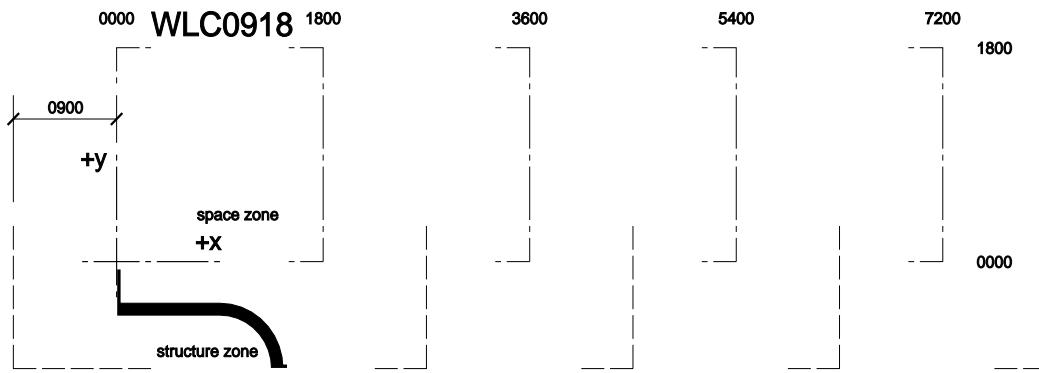
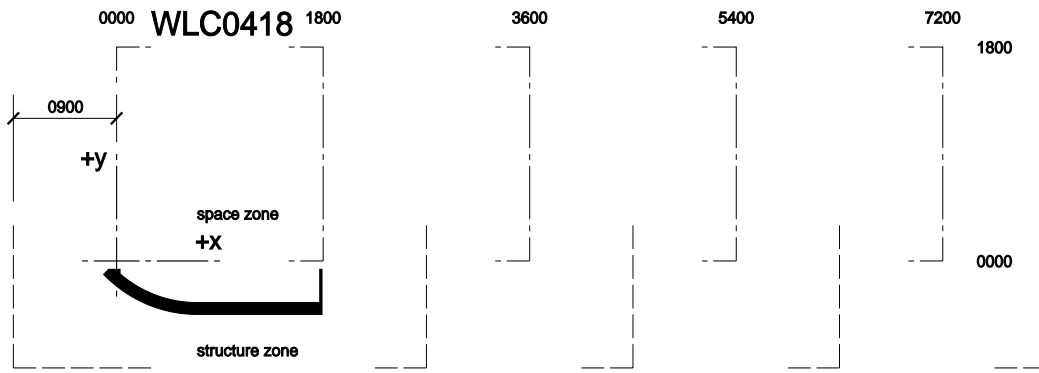
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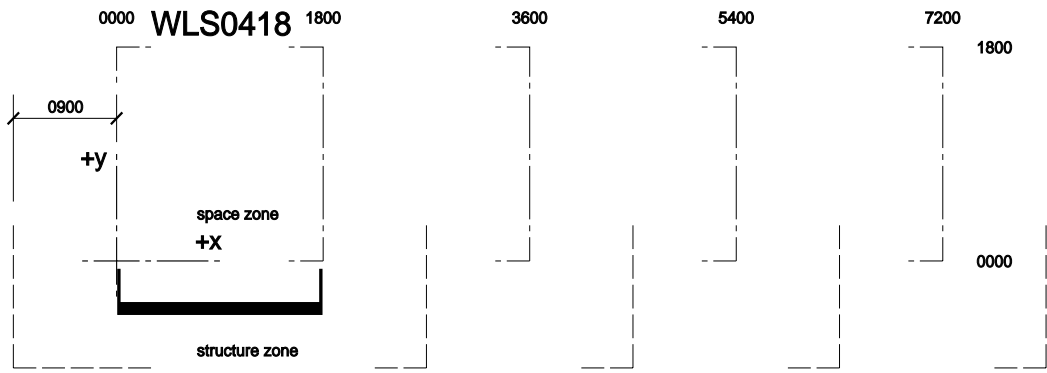
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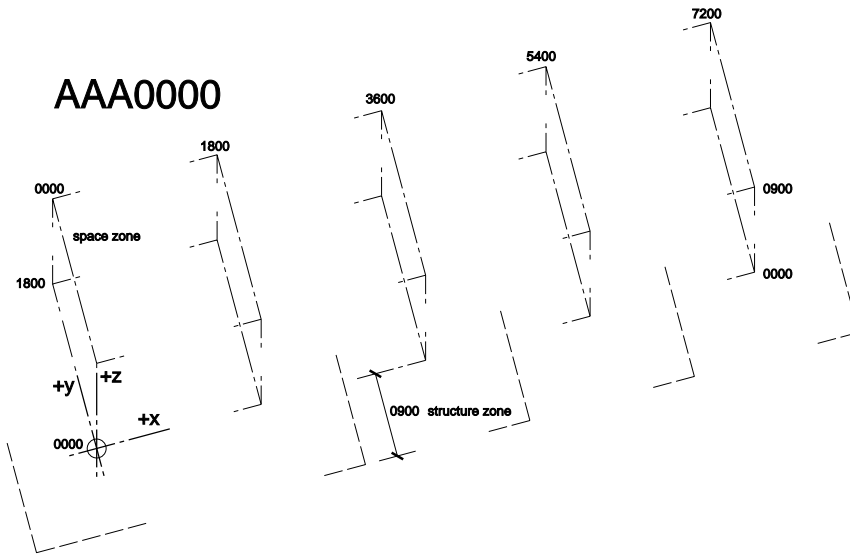
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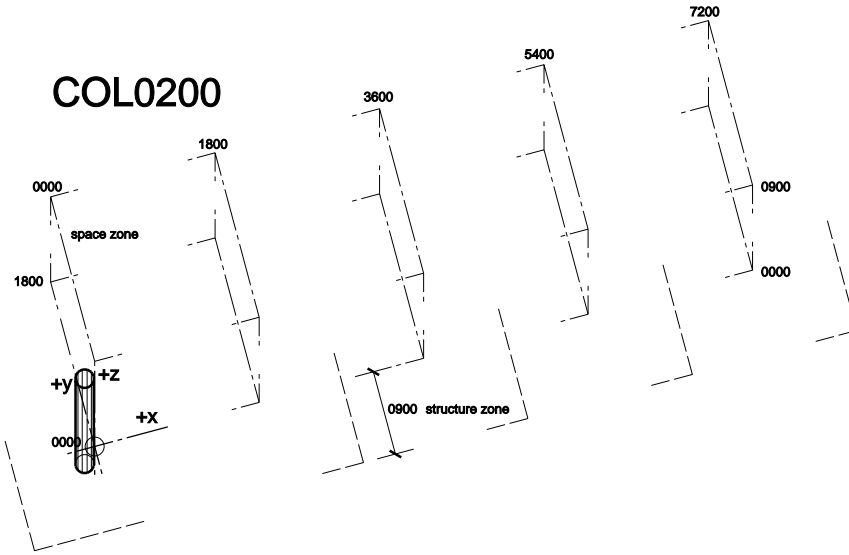


Three-dimensional components

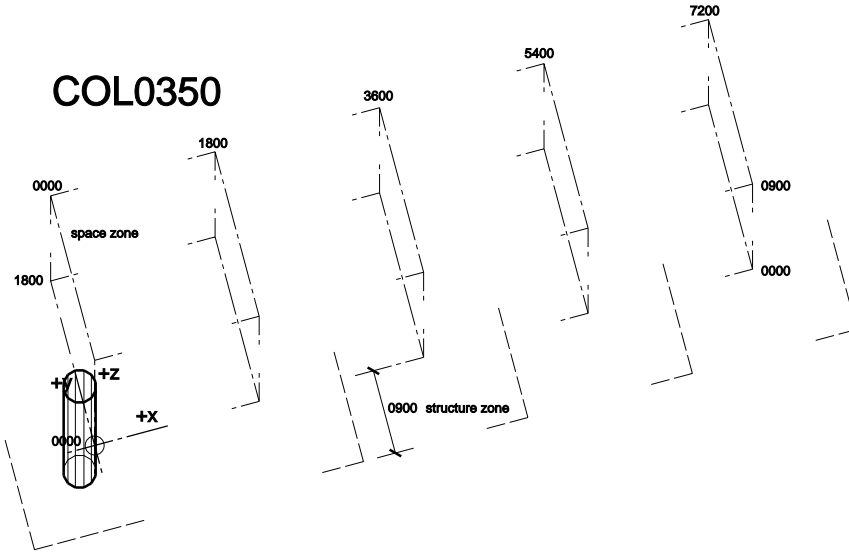
On the following pages are three-dimensional versions of the EMERALD Gnosis soft factory kit-of-parts components. The component diagrams are laid out on a graphical scaling grid such as that shown below.



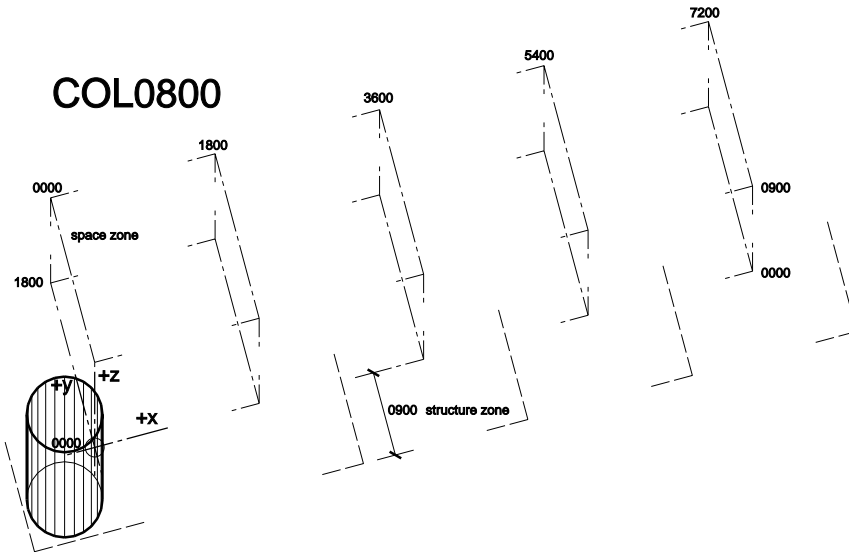
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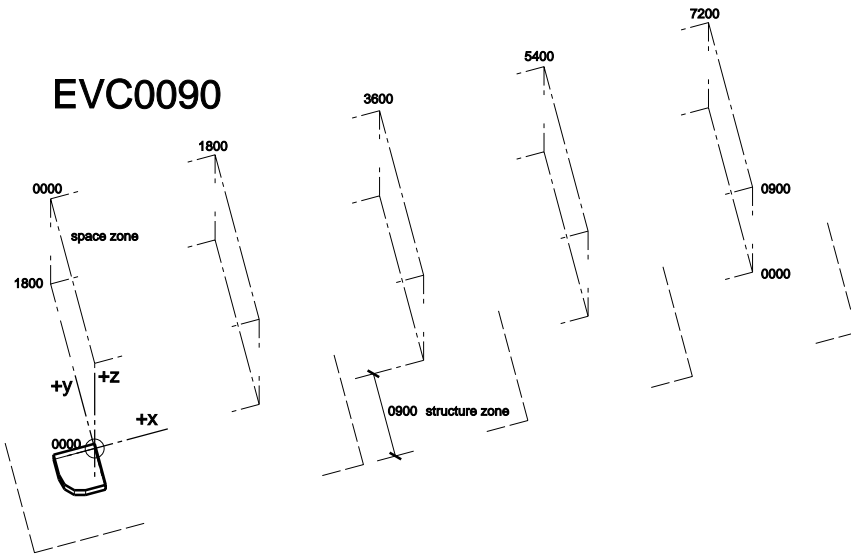
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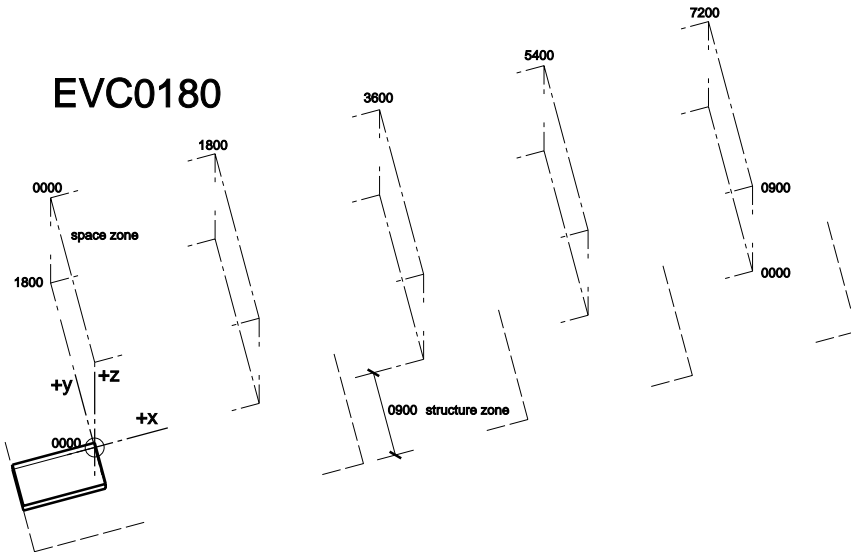
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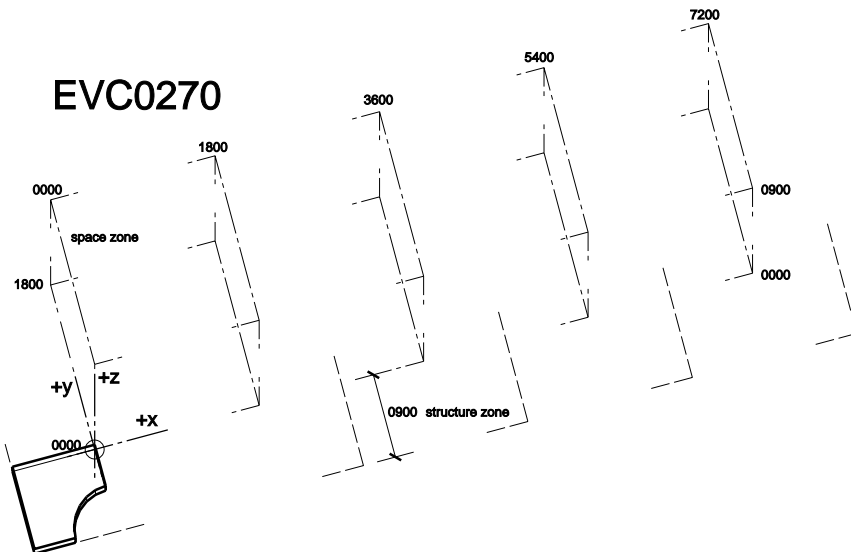
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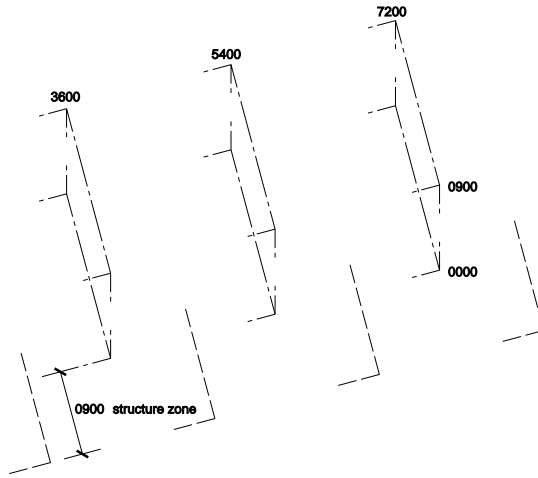
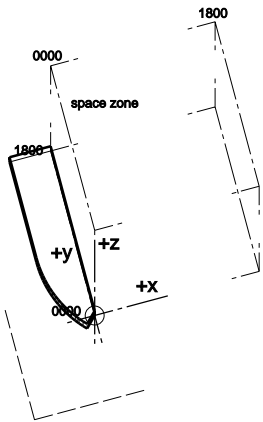
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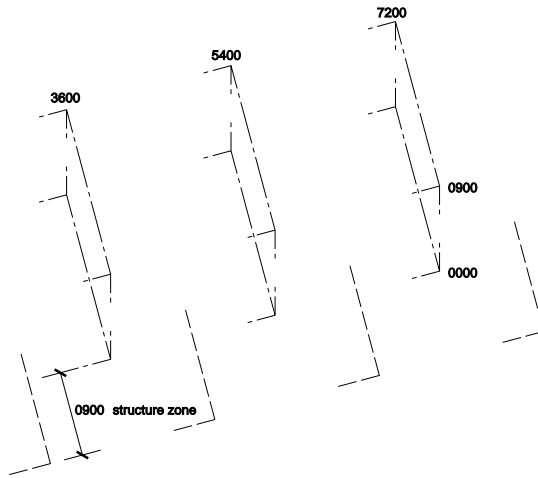
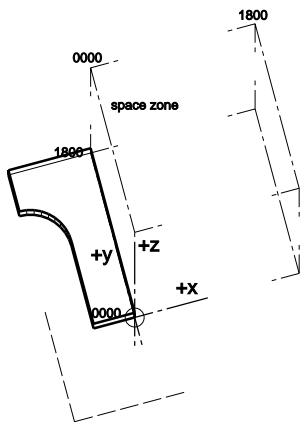
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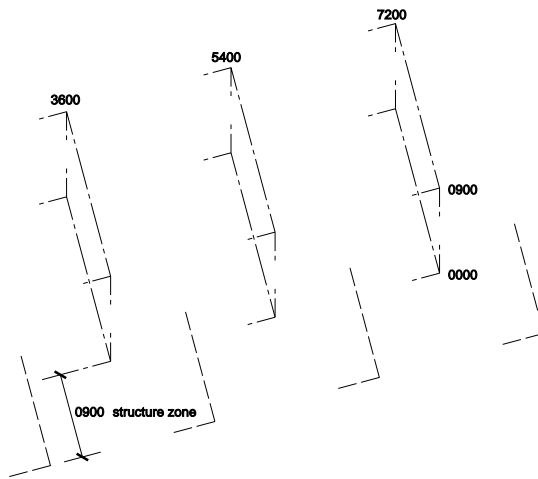
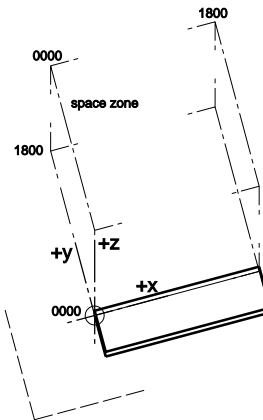
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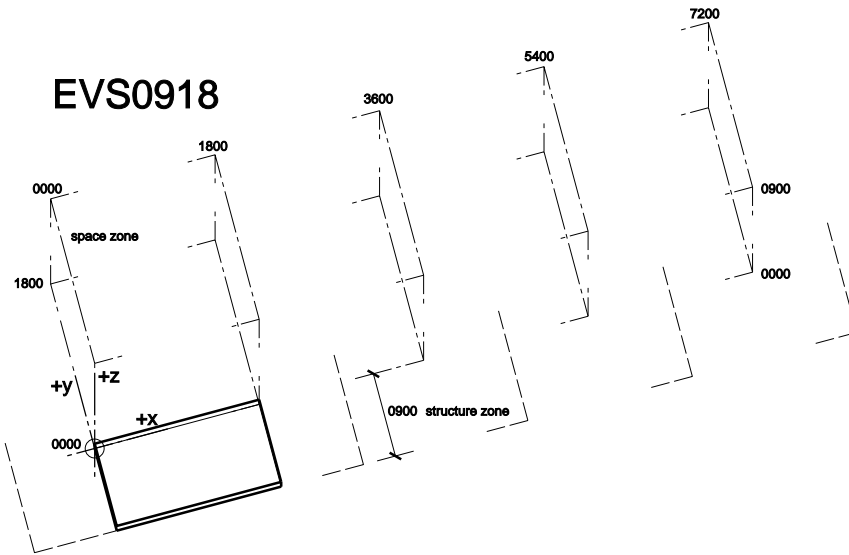
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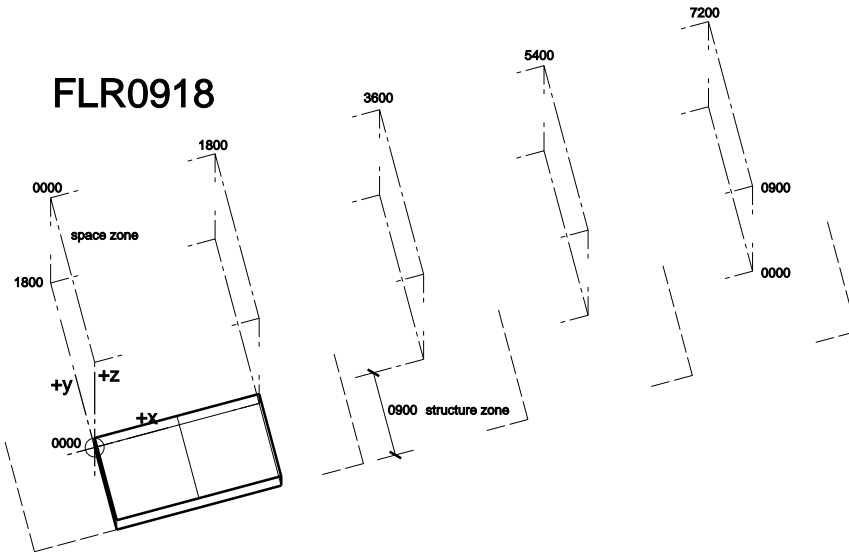
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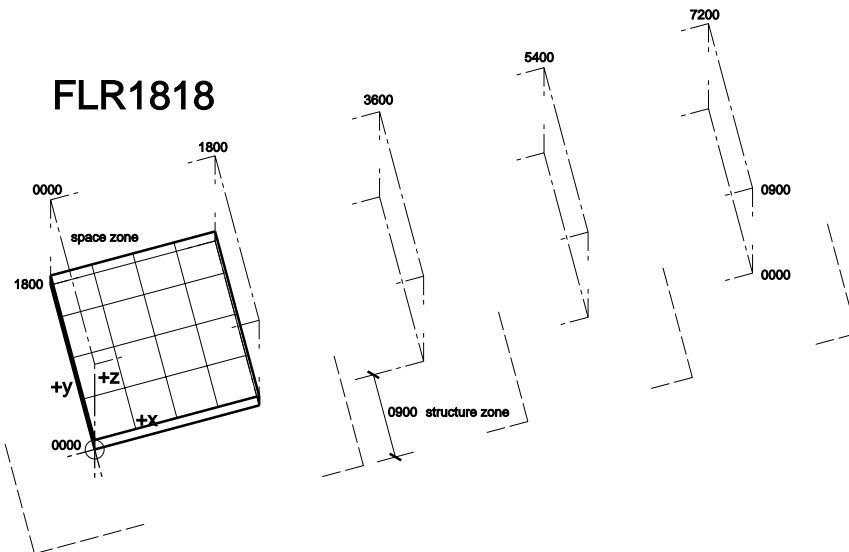
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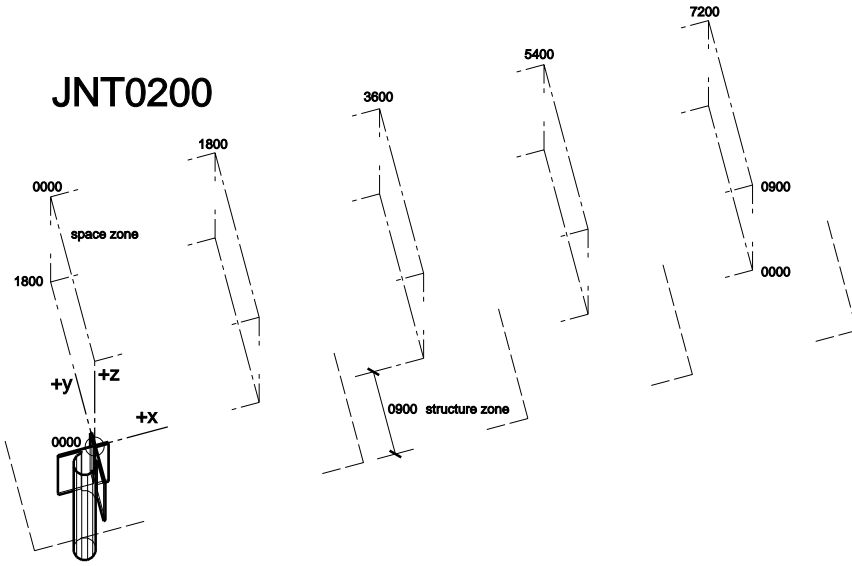
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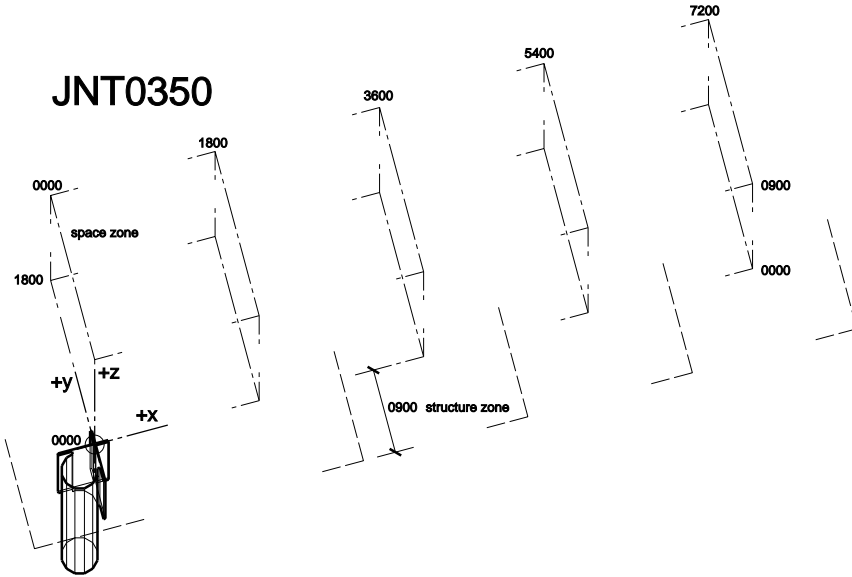
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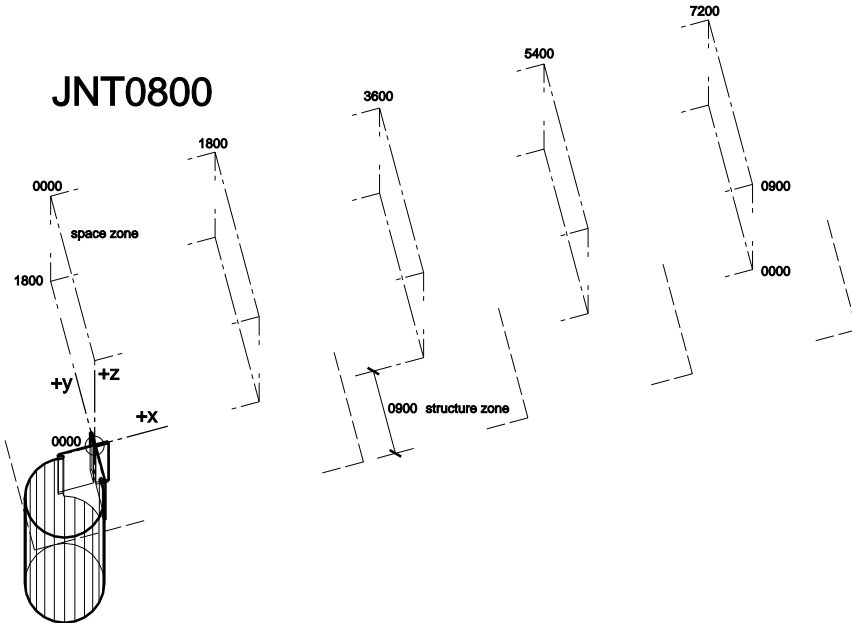
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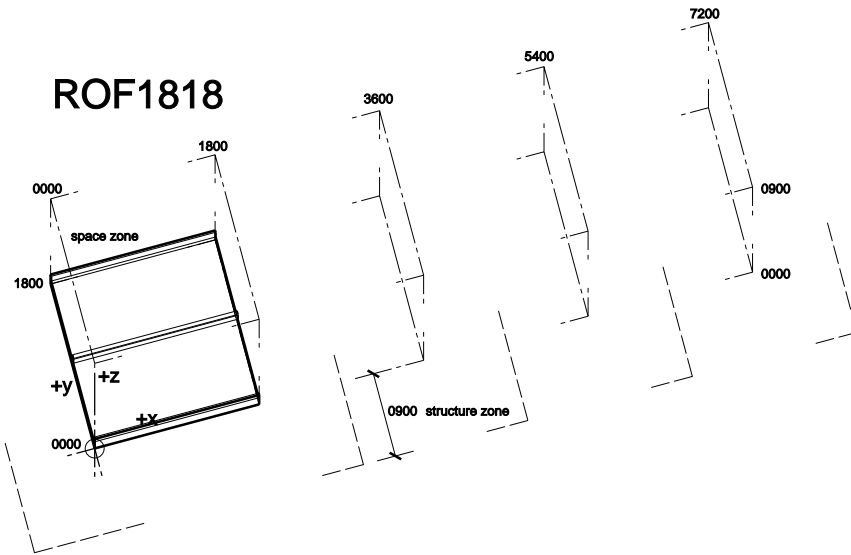
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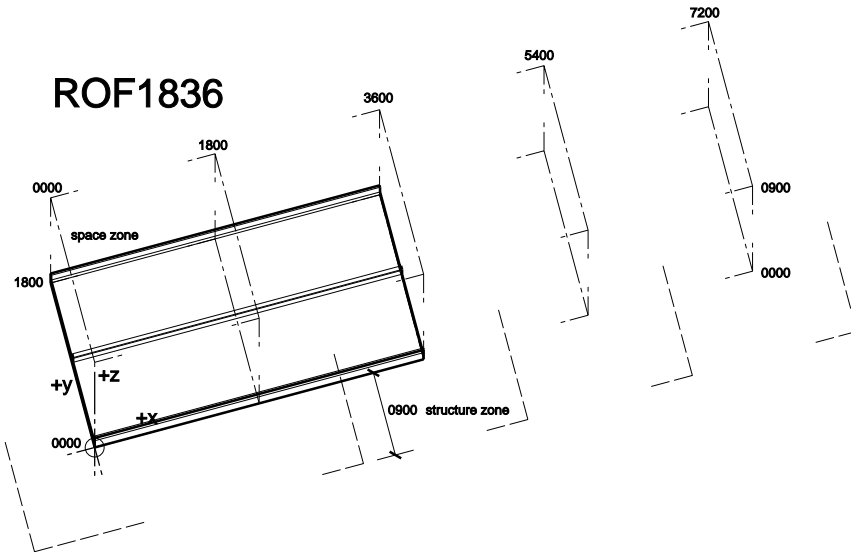
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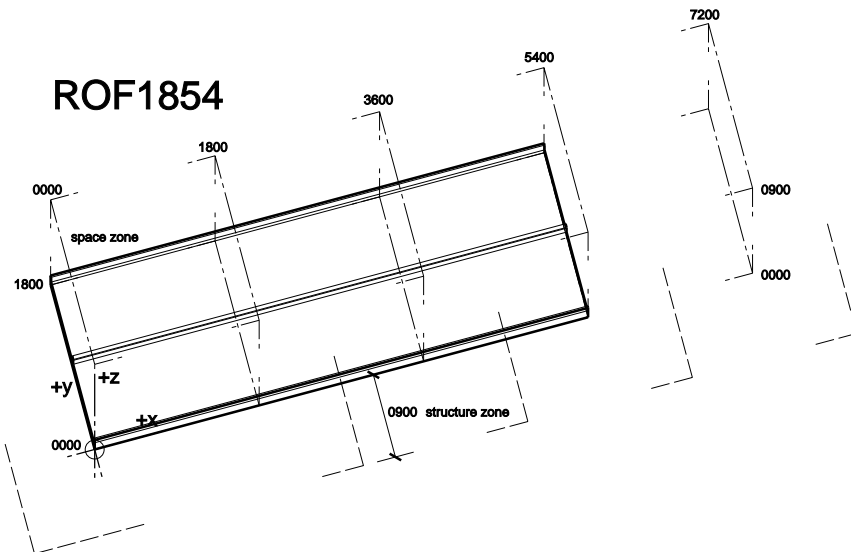
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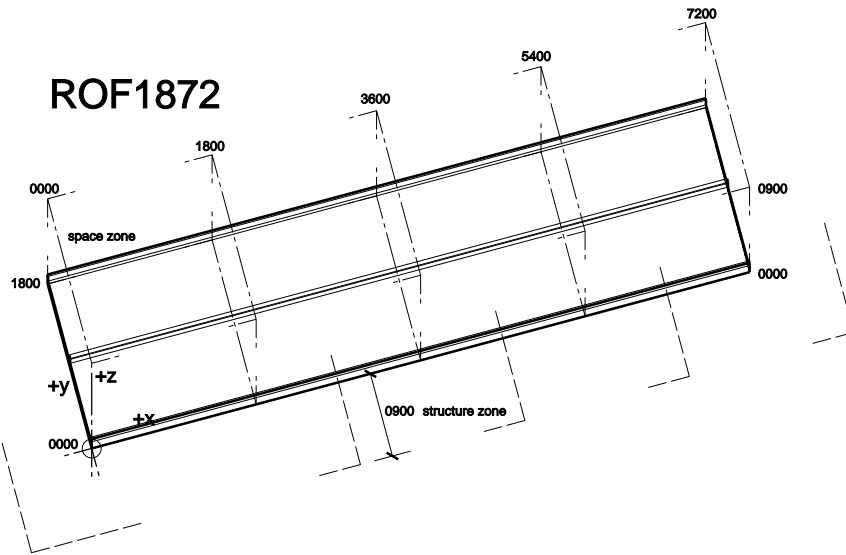
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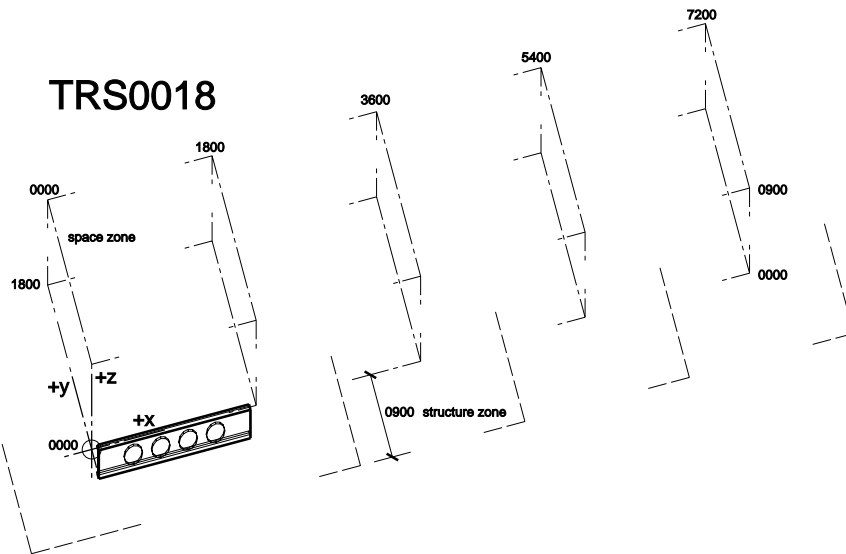
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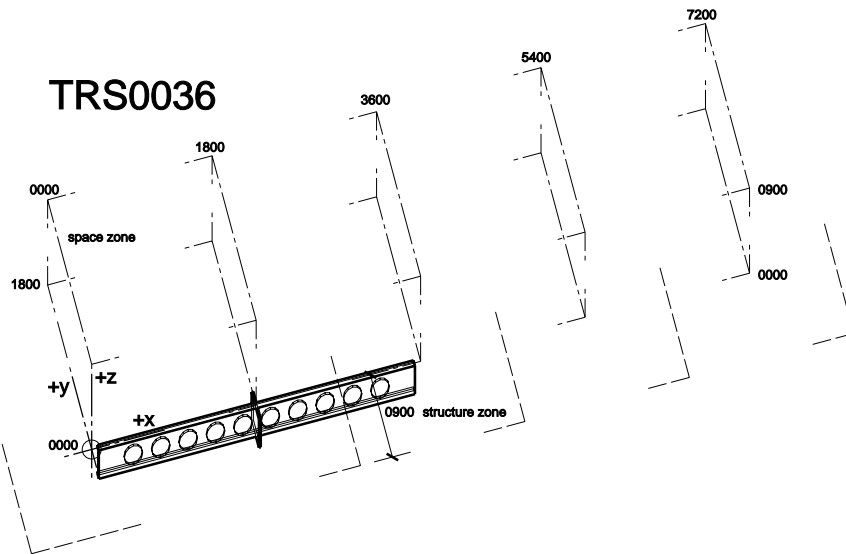
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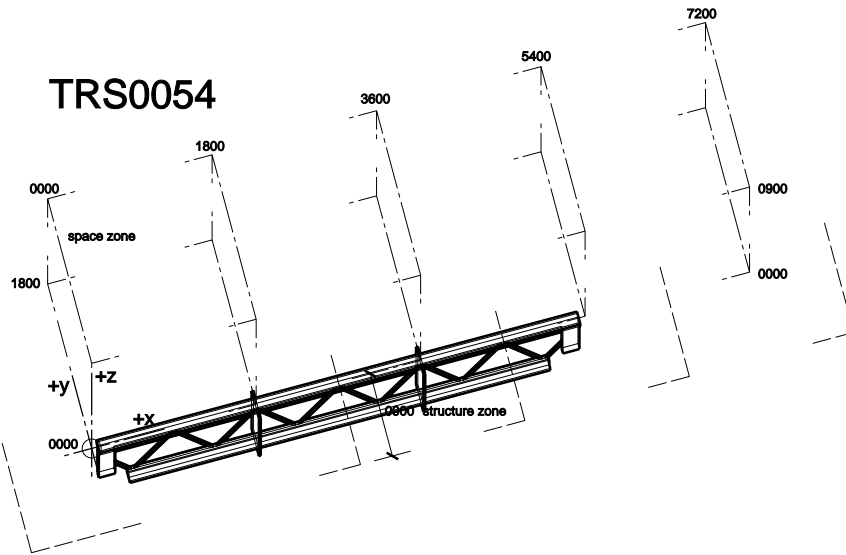
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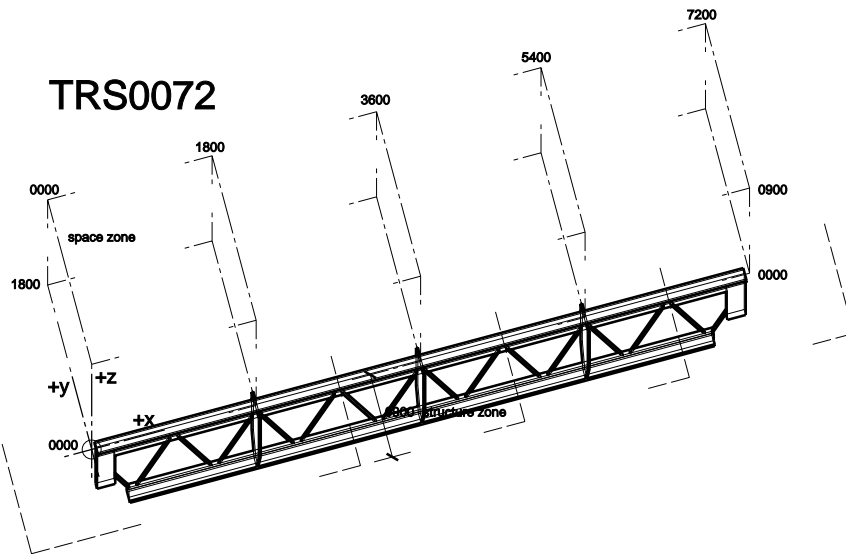
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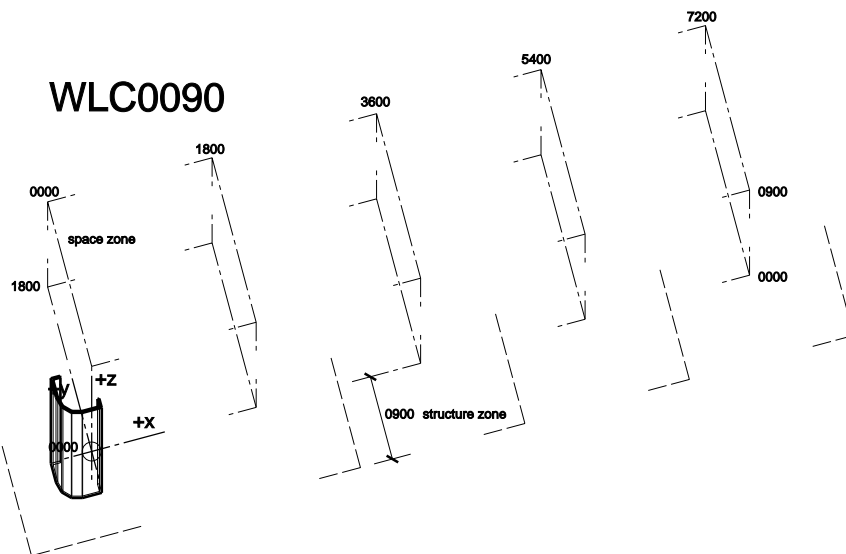
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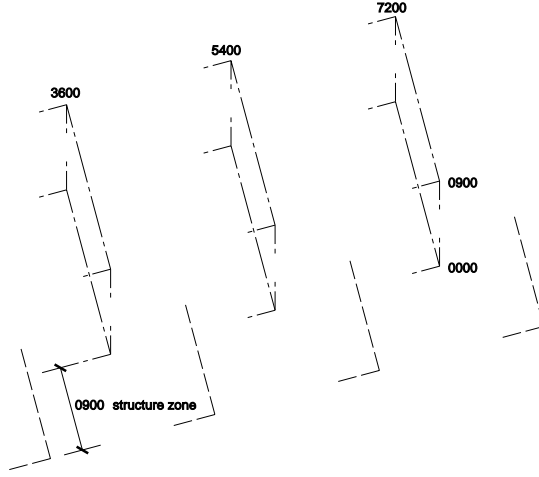
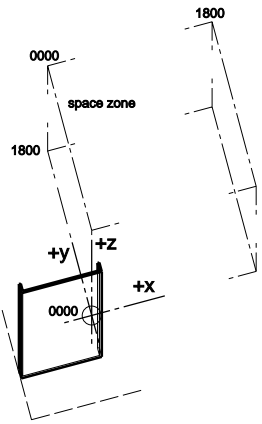
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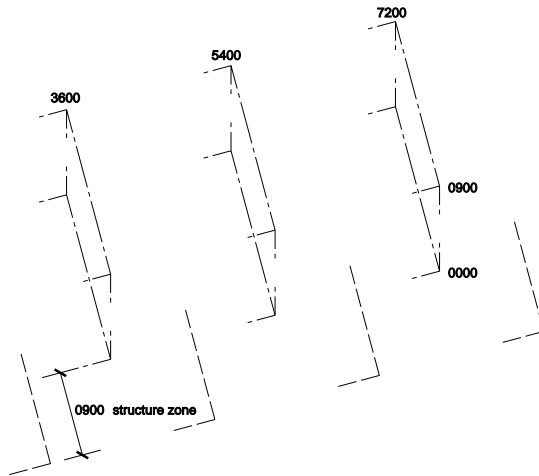
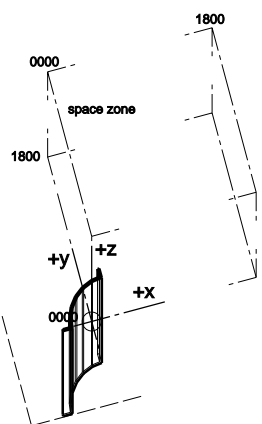
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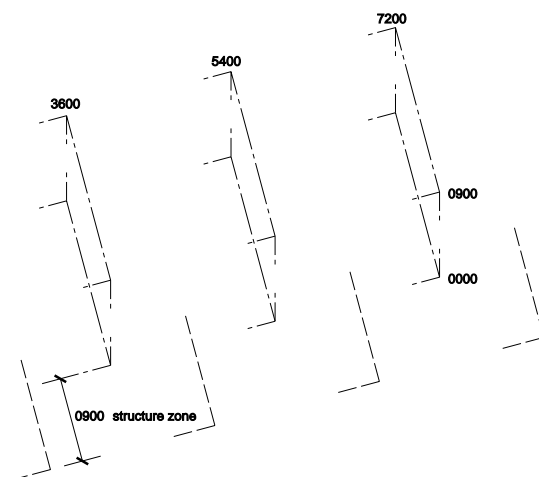
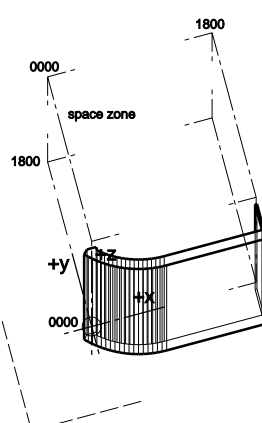
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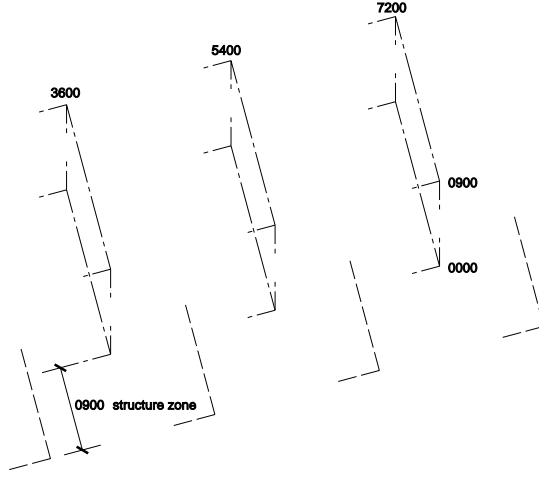
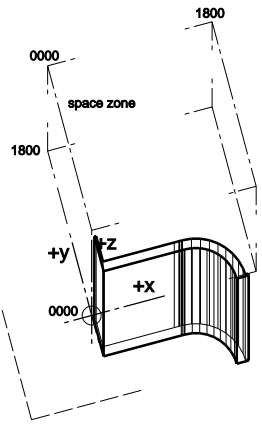
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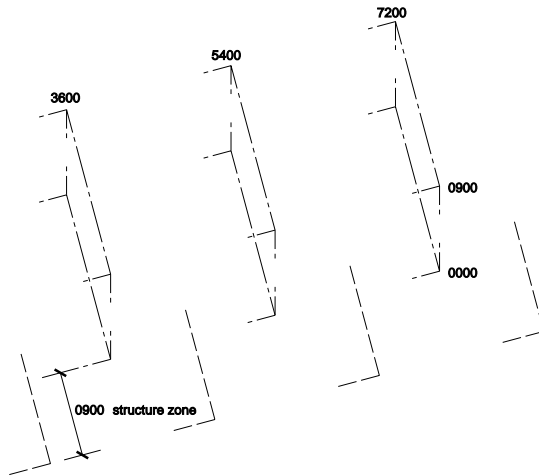
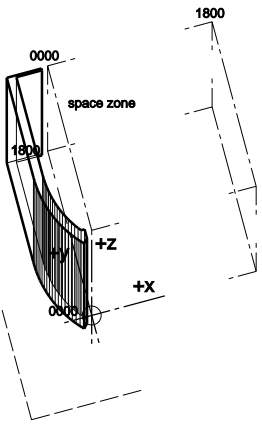
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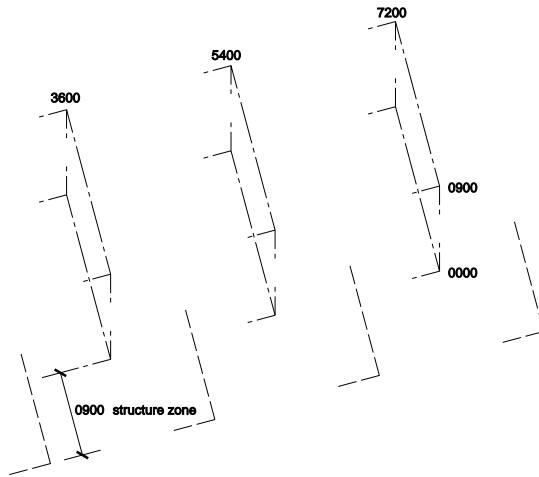
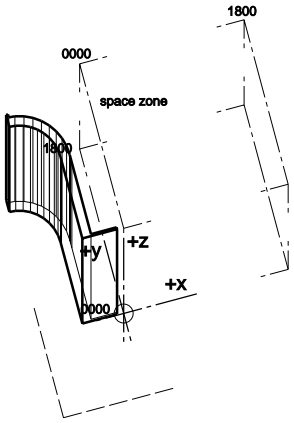
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WLC1804



WLC1809



WLS0418

