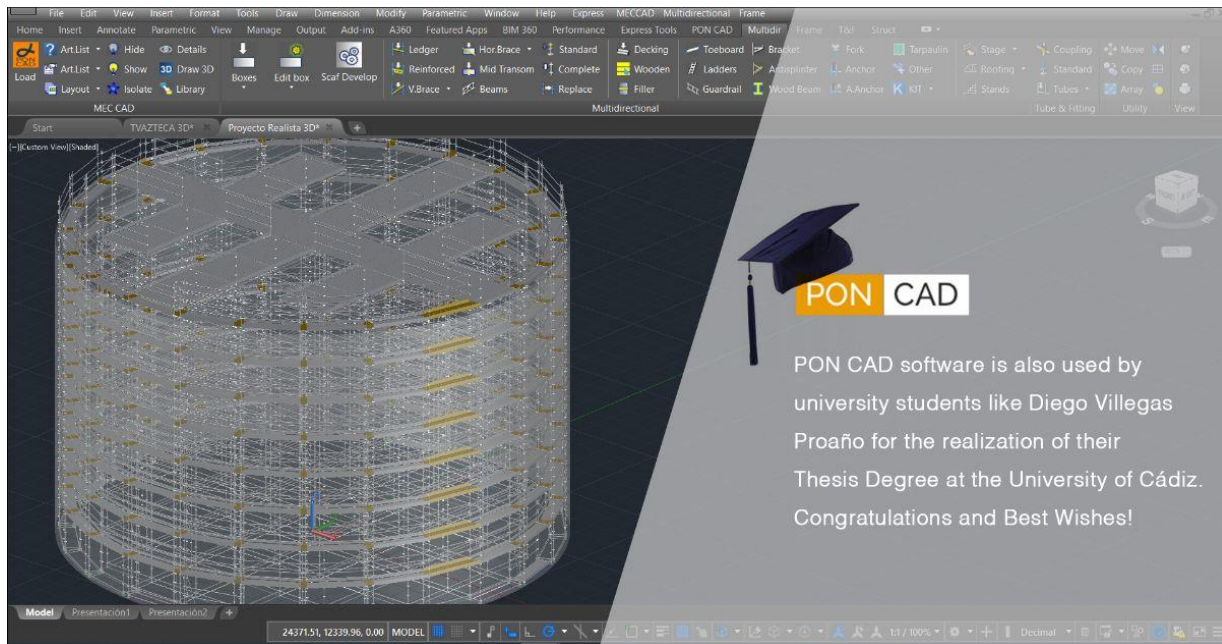
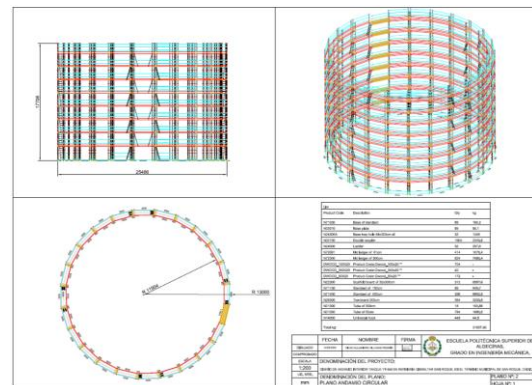
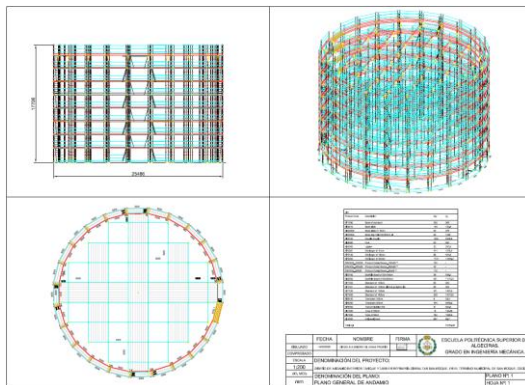




## Engineer Villegas Proaño graduates with a Scaffolding Project for Industrial Maintenance designed with PON CAD



PON CAD software is also used by university students like Diego Villegas Proaño for the realization of their Thesis Degree at the University of Cádiz. Congratulations and Best Wishes!



Name of Project: Circular scaffolding - Maintenance of YT-958 Tank  
 Potential scaffolding: Multidirectional Layher - total volume: 9025.8 m<sup>3</sup>  
 Construction site: Refinería Cepsa Cádiz, Spain  
 Author: Diego Alejandro Villegas Proaño for the University of Cádiz, Spain

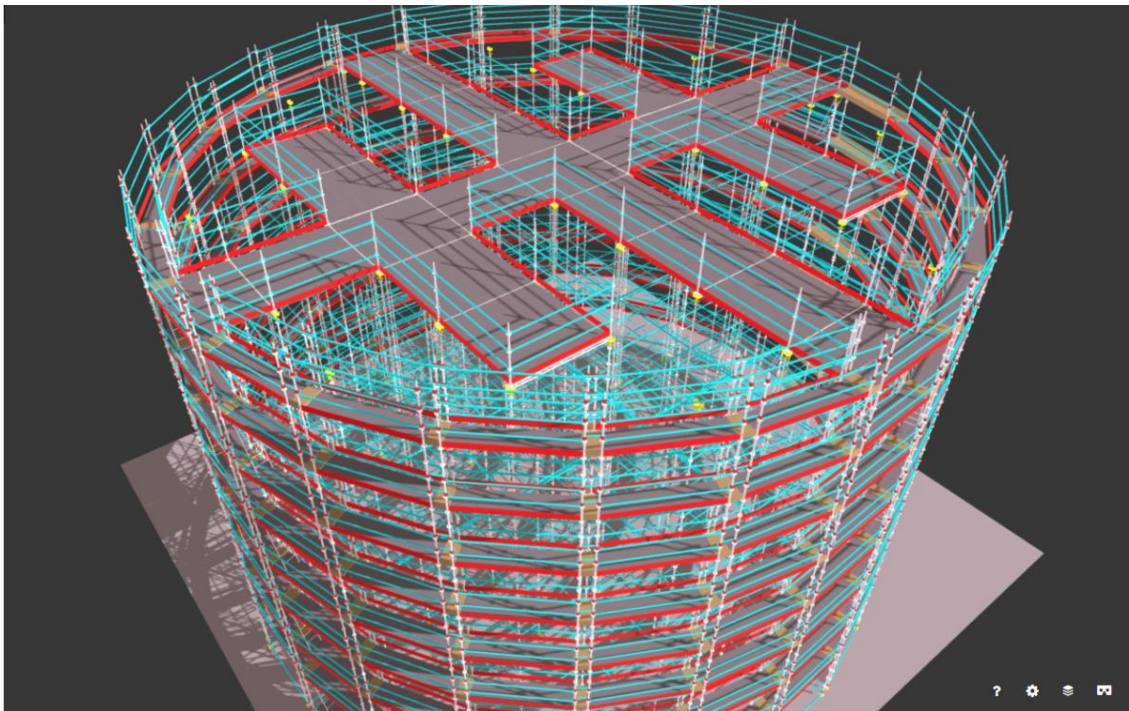
**Technical Description:**

The material would be hot-dip galvanized steel with a minimum elastic limit of 320 MPa for

verticals and horizontals and 240 MPa for braces. The adjustable bases would have a maximum load capacity of 5,600 kg and the steel platforms would support up to a uniformly distributed maximum of 3kN / m<sup>2</sup>

The 27.4 m diameter and 18.3 m high tank would house a scaffold according to EN 12811 standard, 26 m long and 17 m high. The structure must be circular in order to allow working on the enveloping surface of the tank. Transversal towers must be installed to give access to the interior part of the roof.

### [Explore the 3D Model](#)



**PON CAD**

Use PON CAD + STRUCT  
to Design and Verify your Scaffolds!

[Request information about PON CAD](#)

