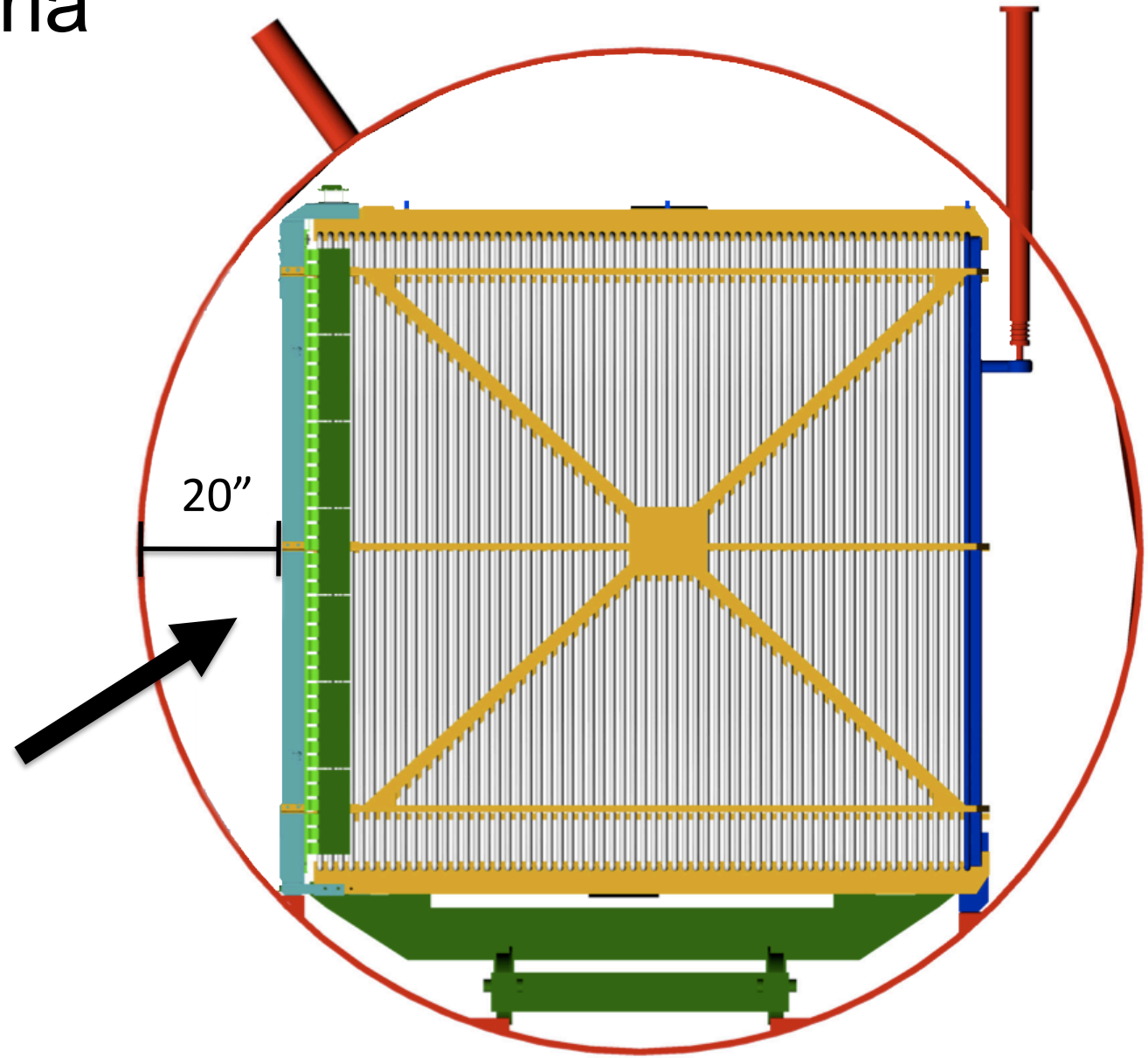
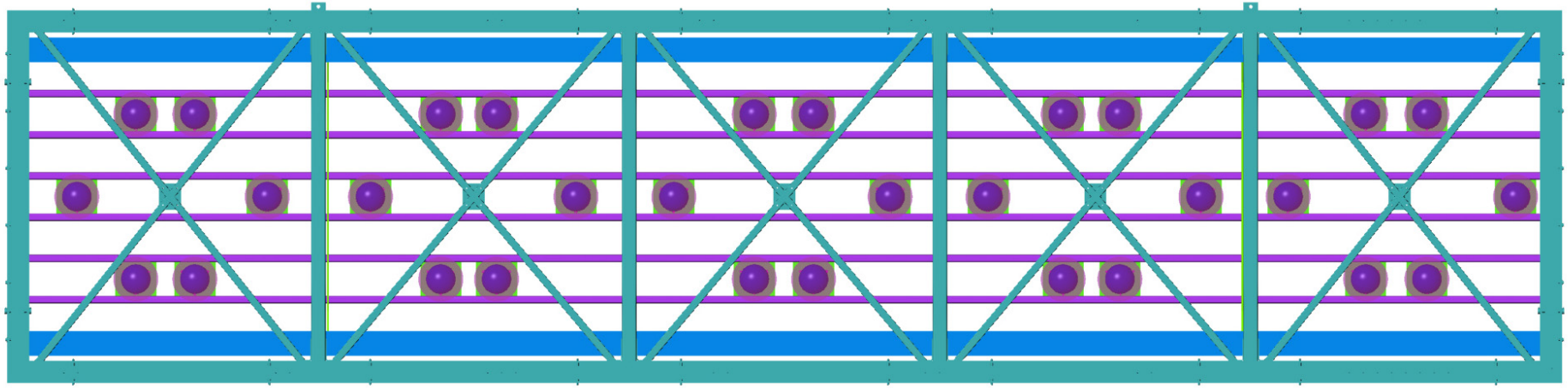
PMT Support Rack for MicroBooNE

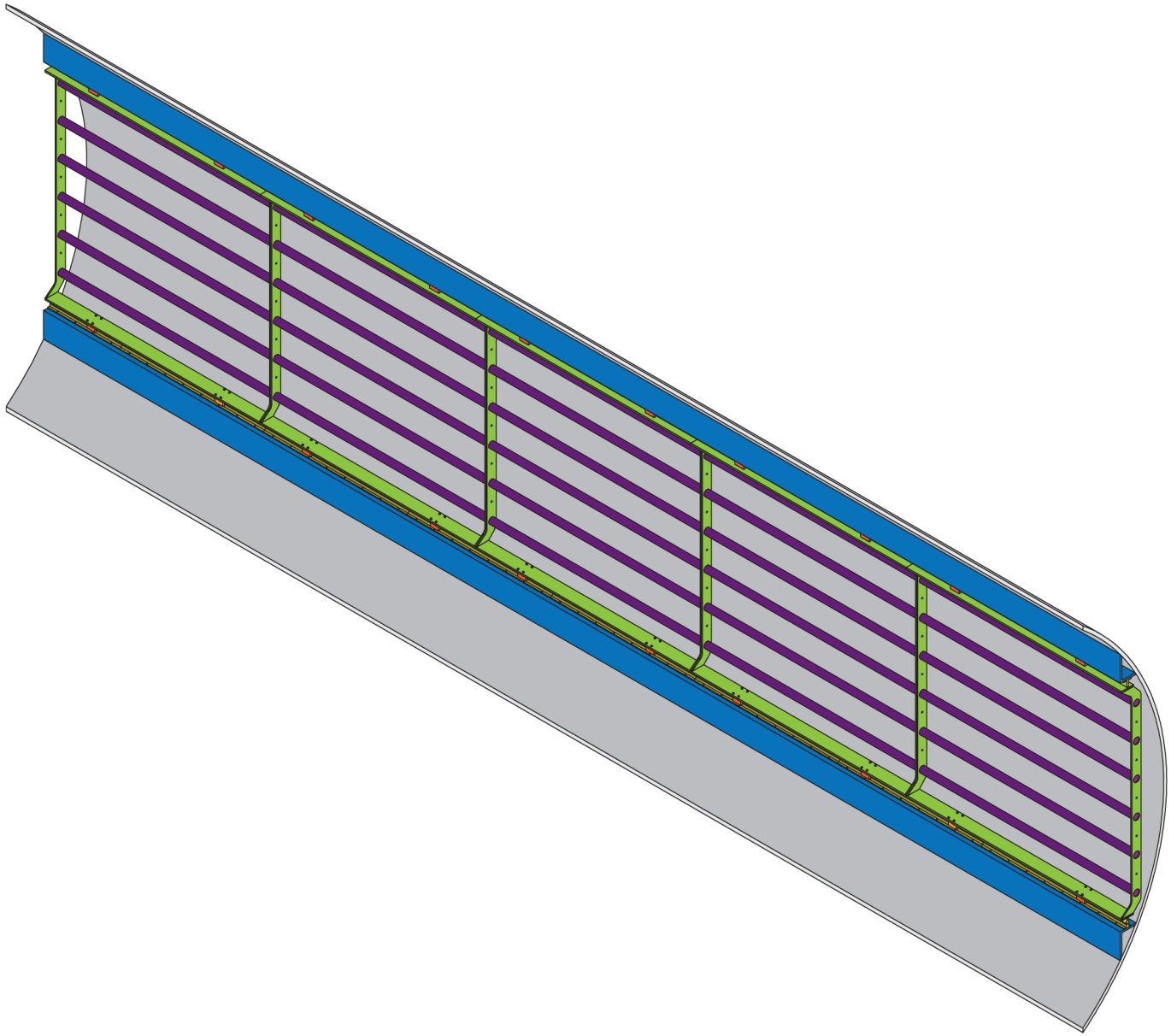
Tess E. Smidt
MIT

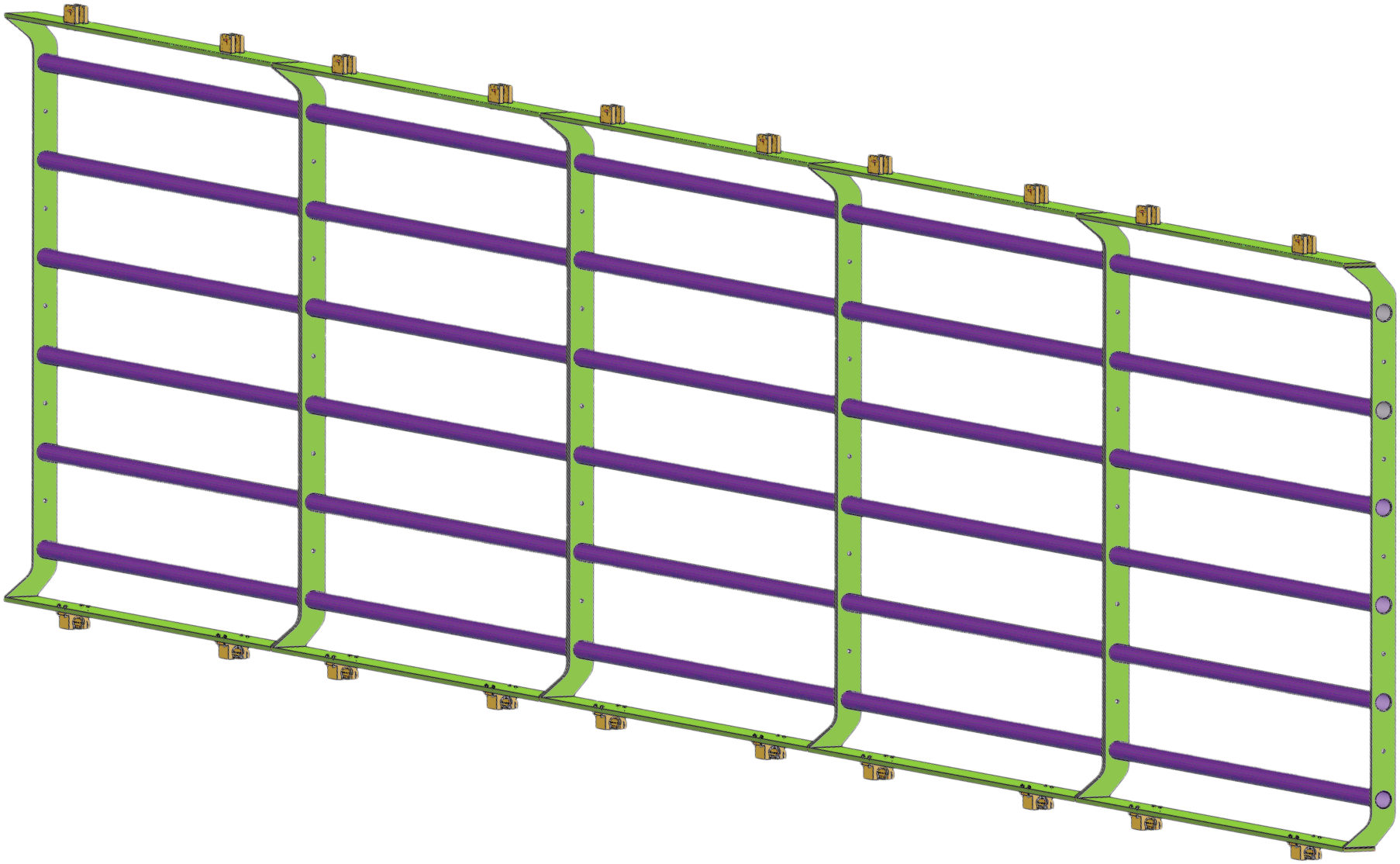
Criteria

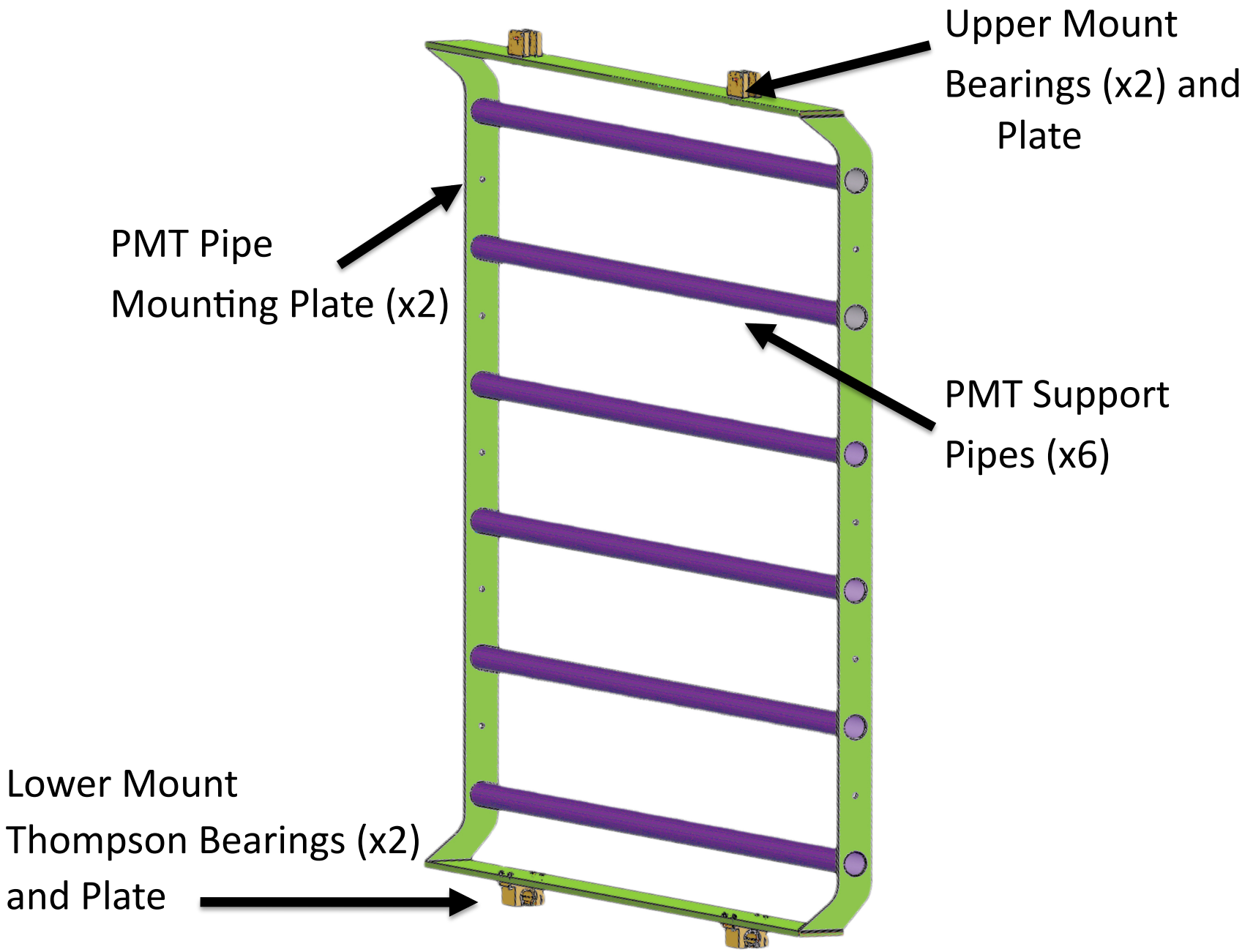


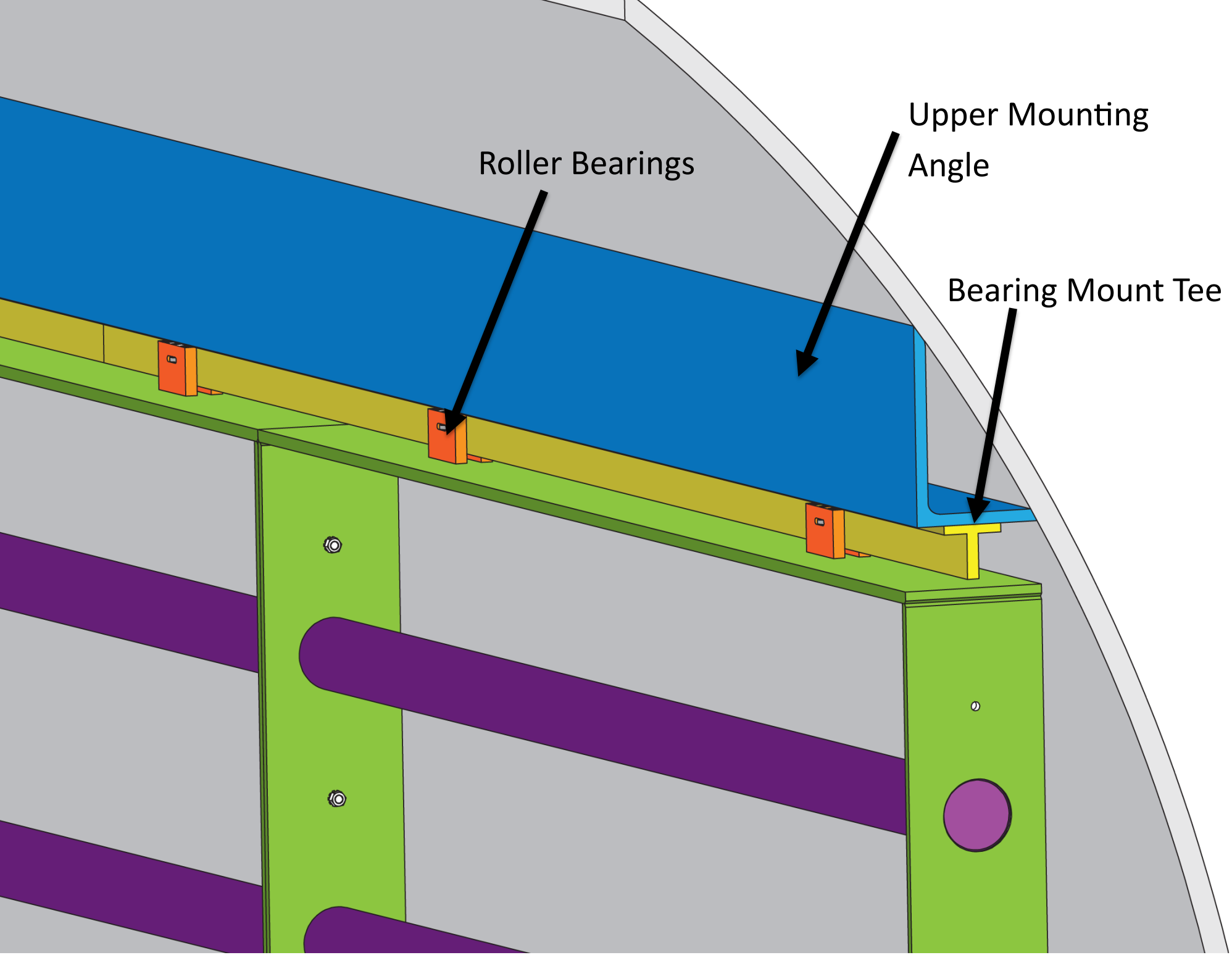


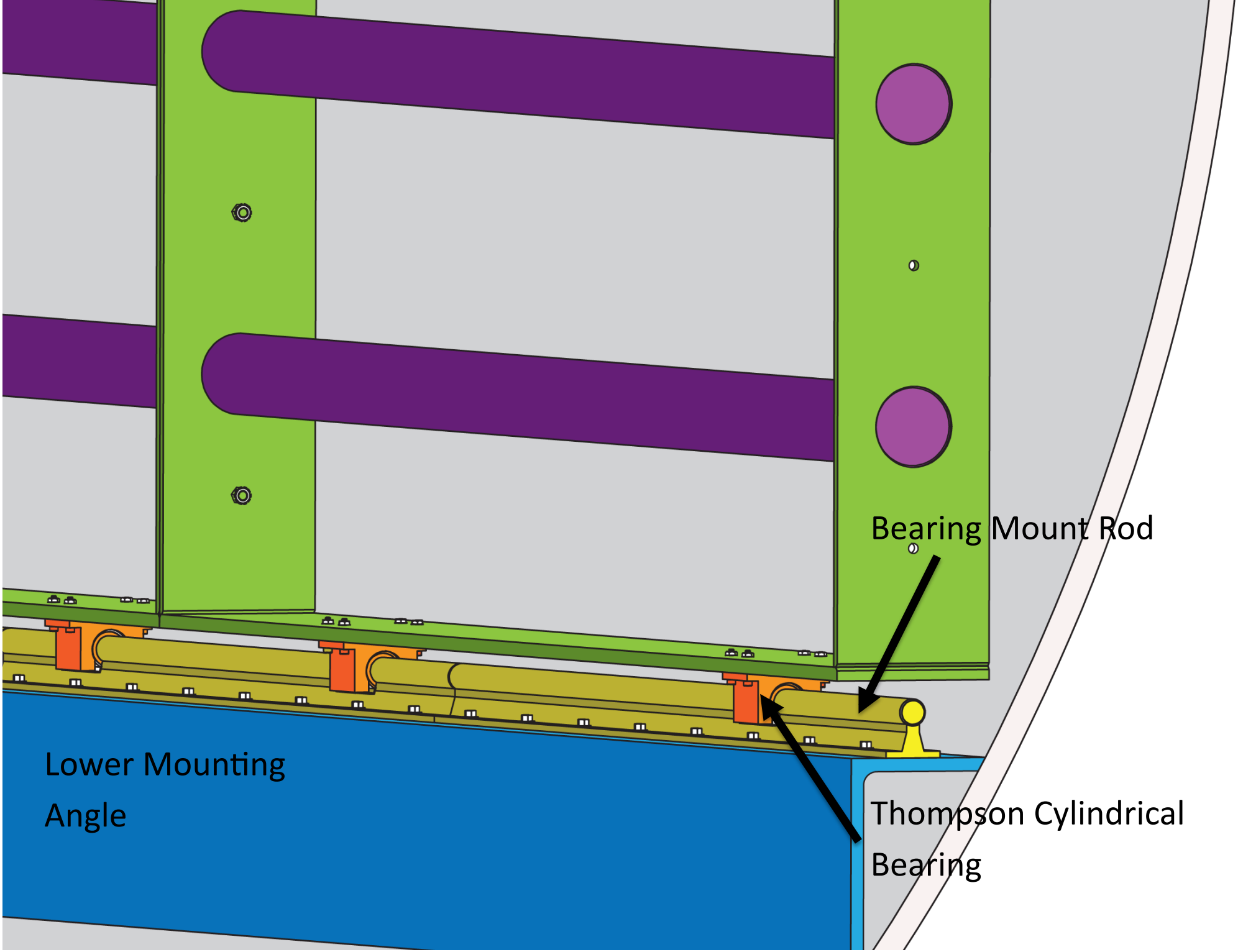
Design

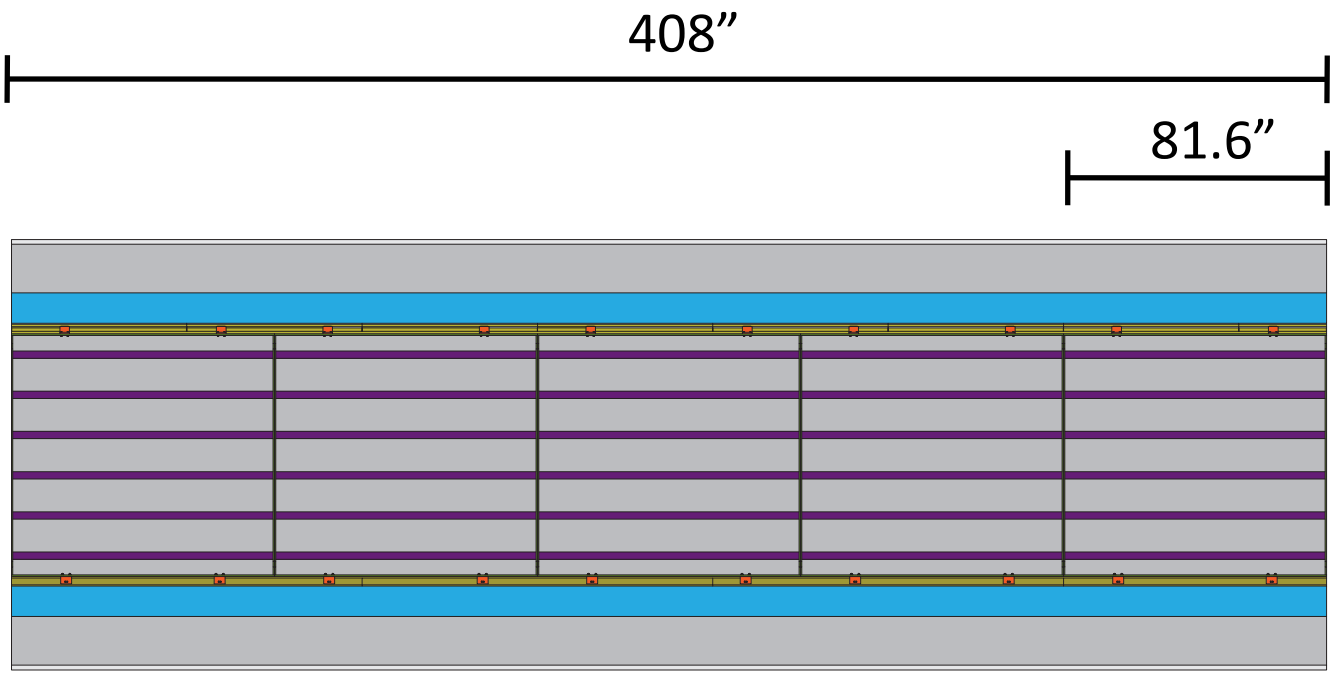


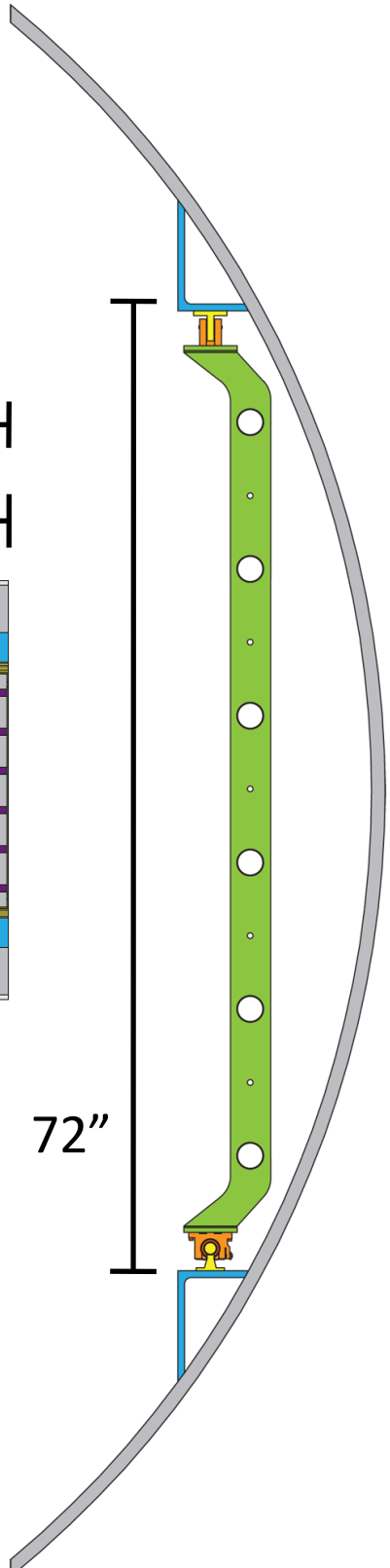



Upper Mount
Bearings (x2) and
Plate
PMT Pipe
Mounting Plate (x2)
PMT Support
Pipes (x6)
Lower Mount
Thompson Bearings (x2)
and Plate

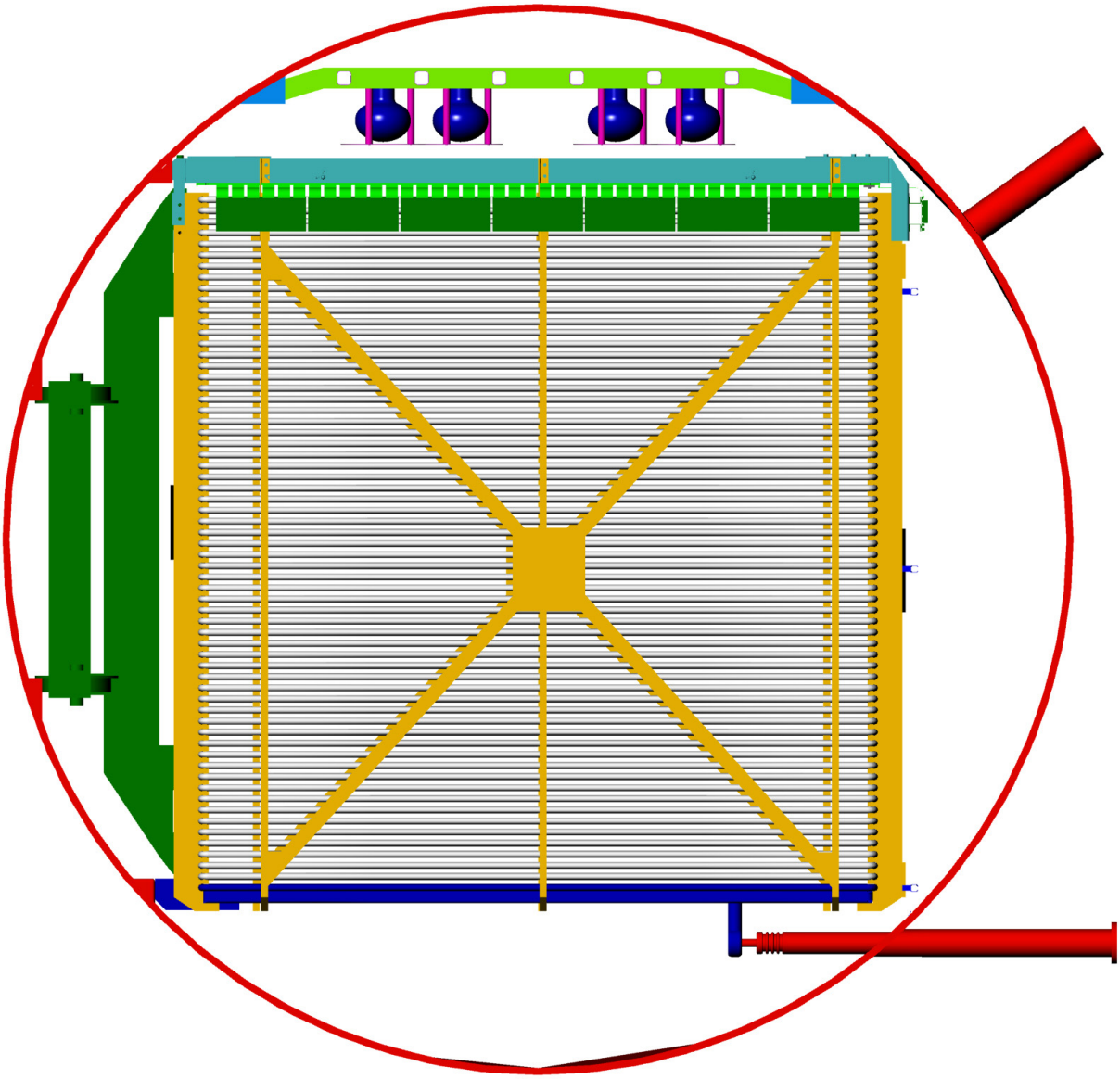

Roller Bearings
Upper Mounting Angle
Bearing Mount Tee

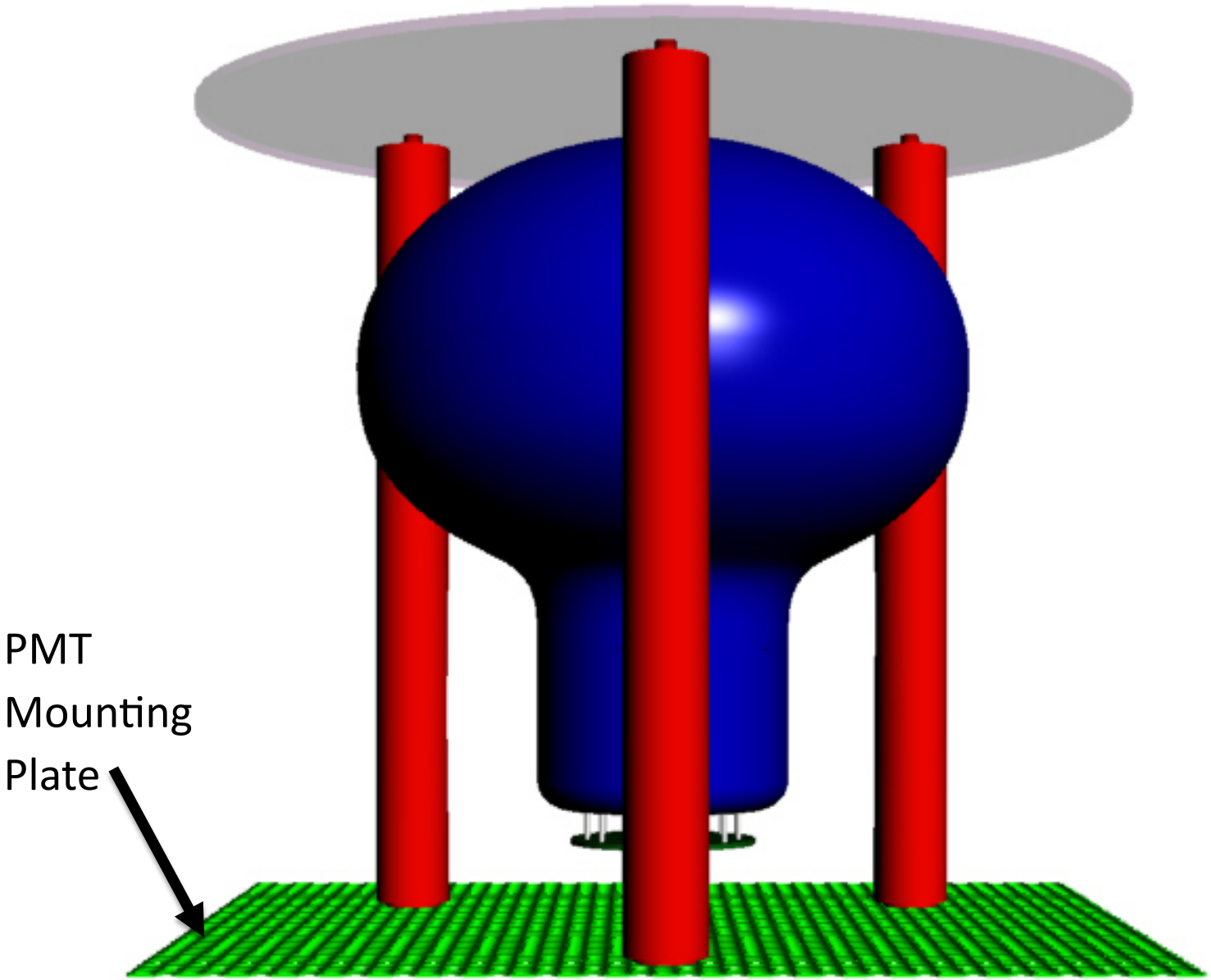

Bearing Mount Rod
Lower Mounting
Angle
Thompson Cylindrical
Bearing

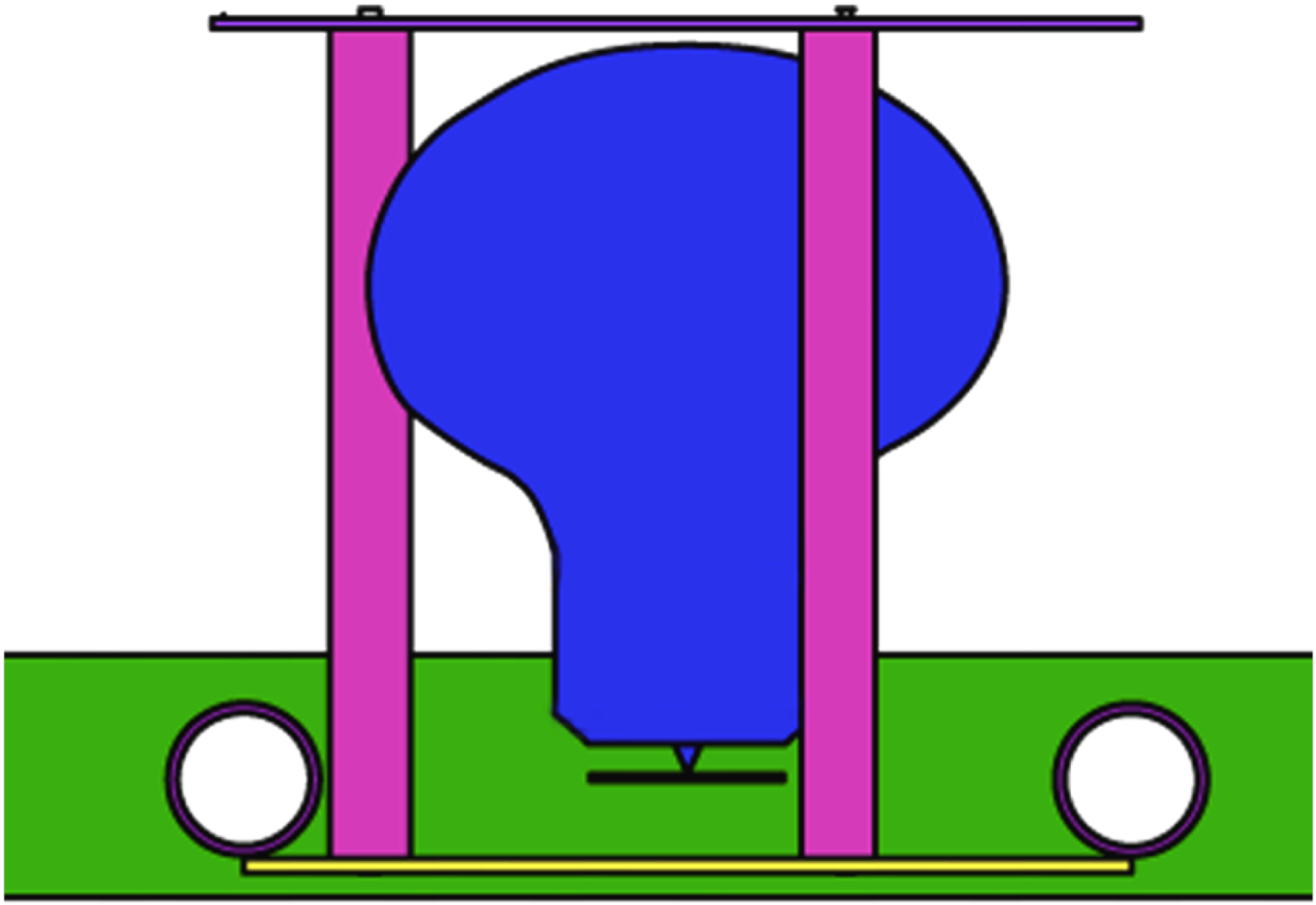


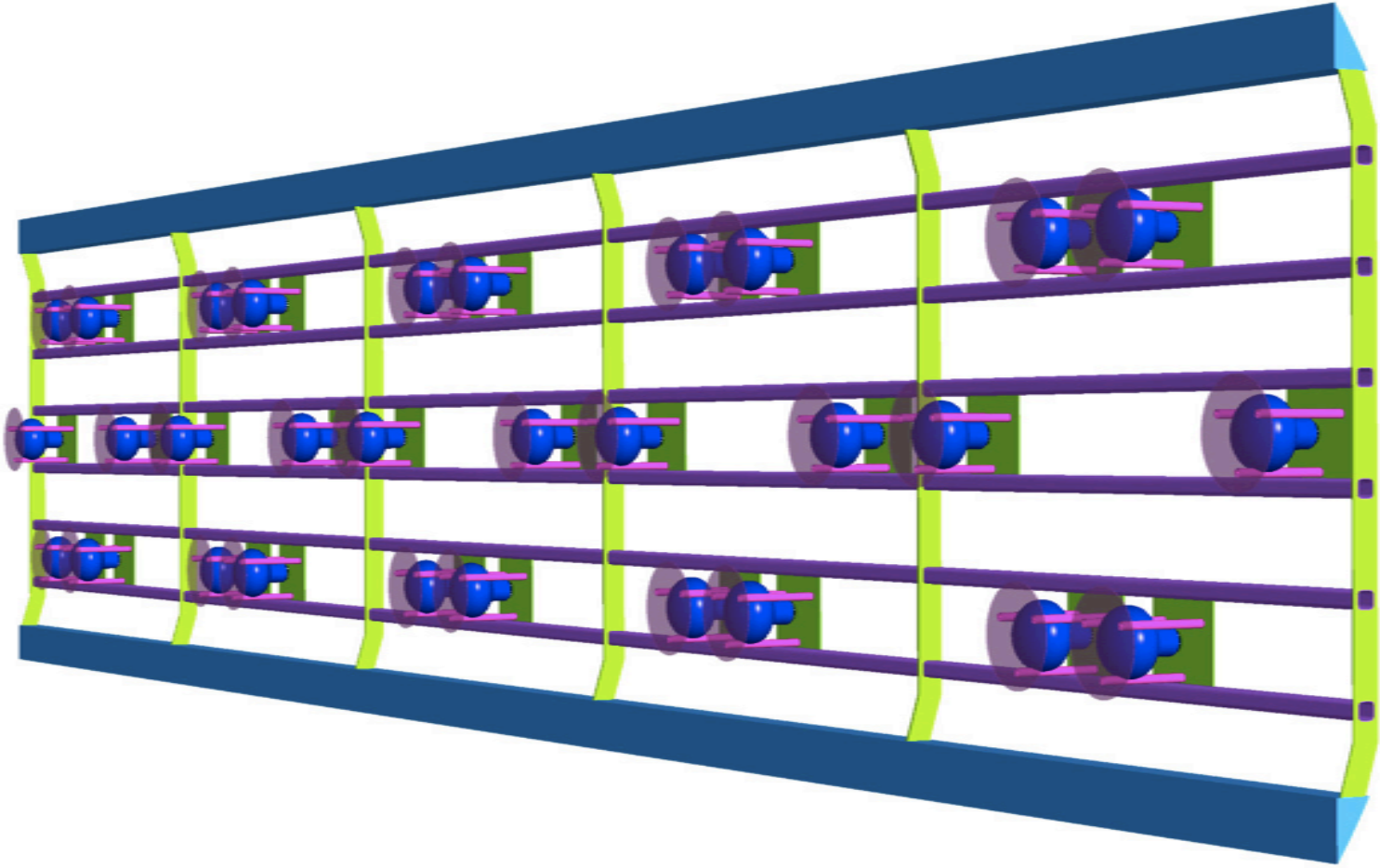


Materials: Stainless Steel, some rubber on Thompson bearings

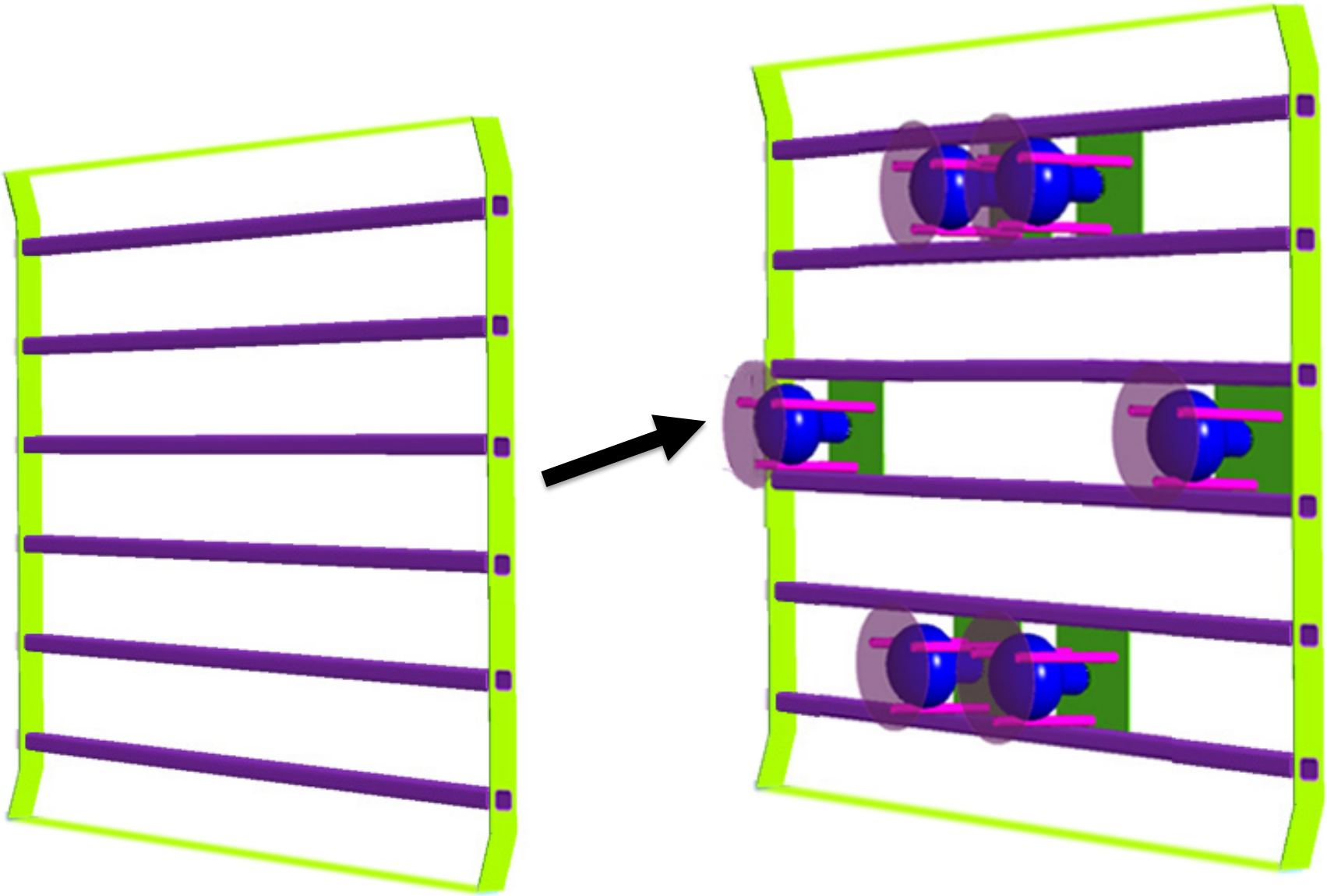


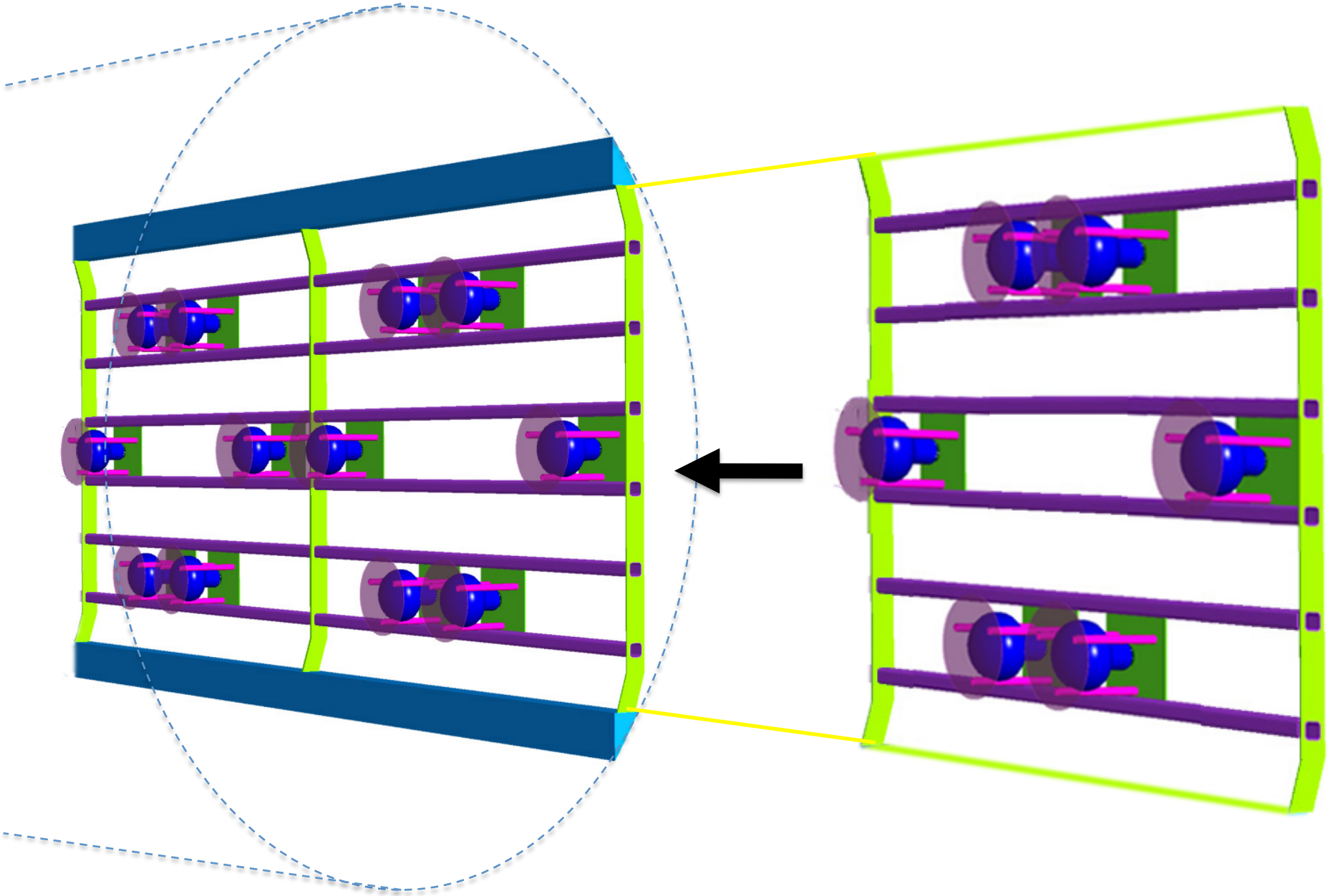

PMT
Mounting
Plate

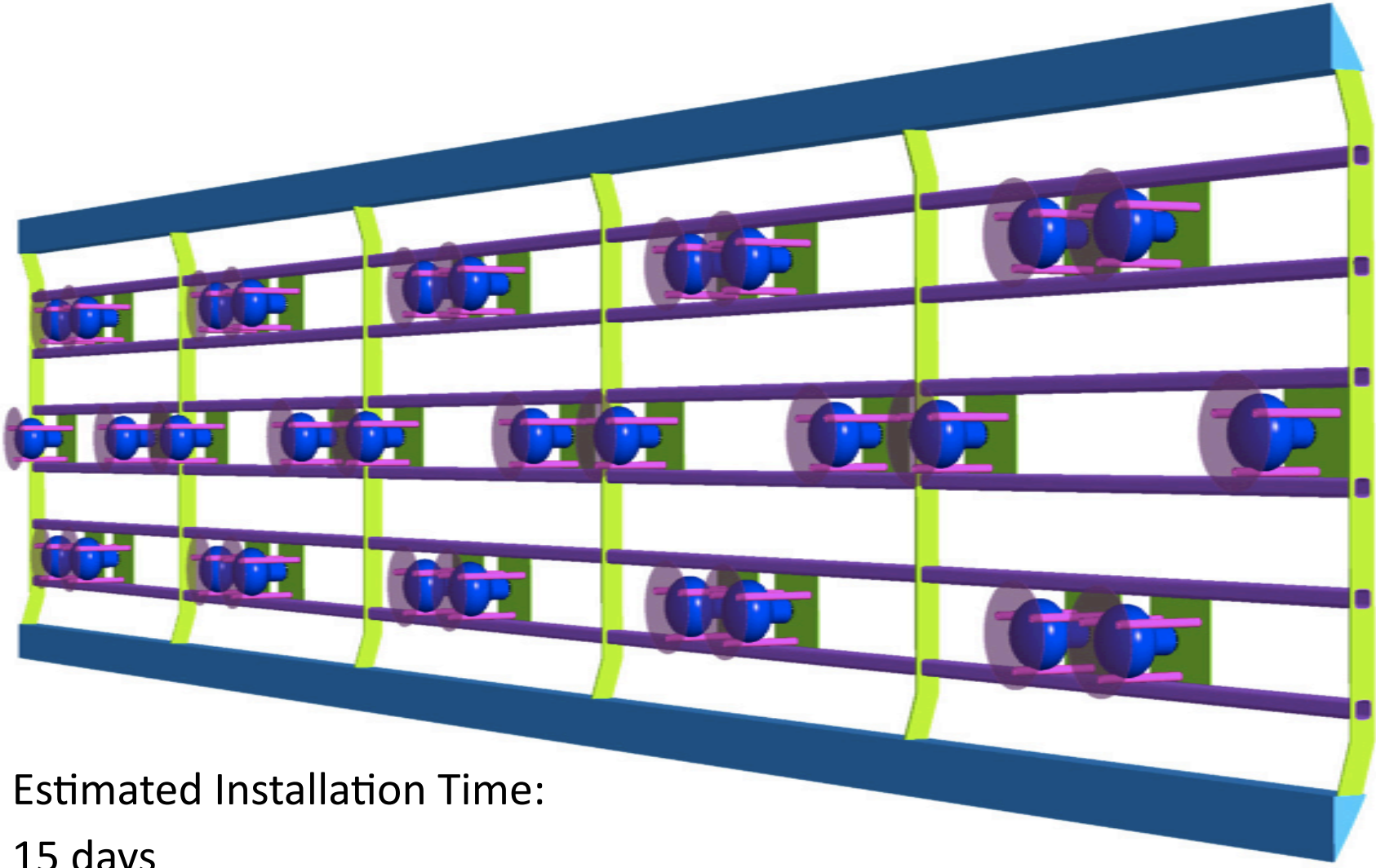




Installation

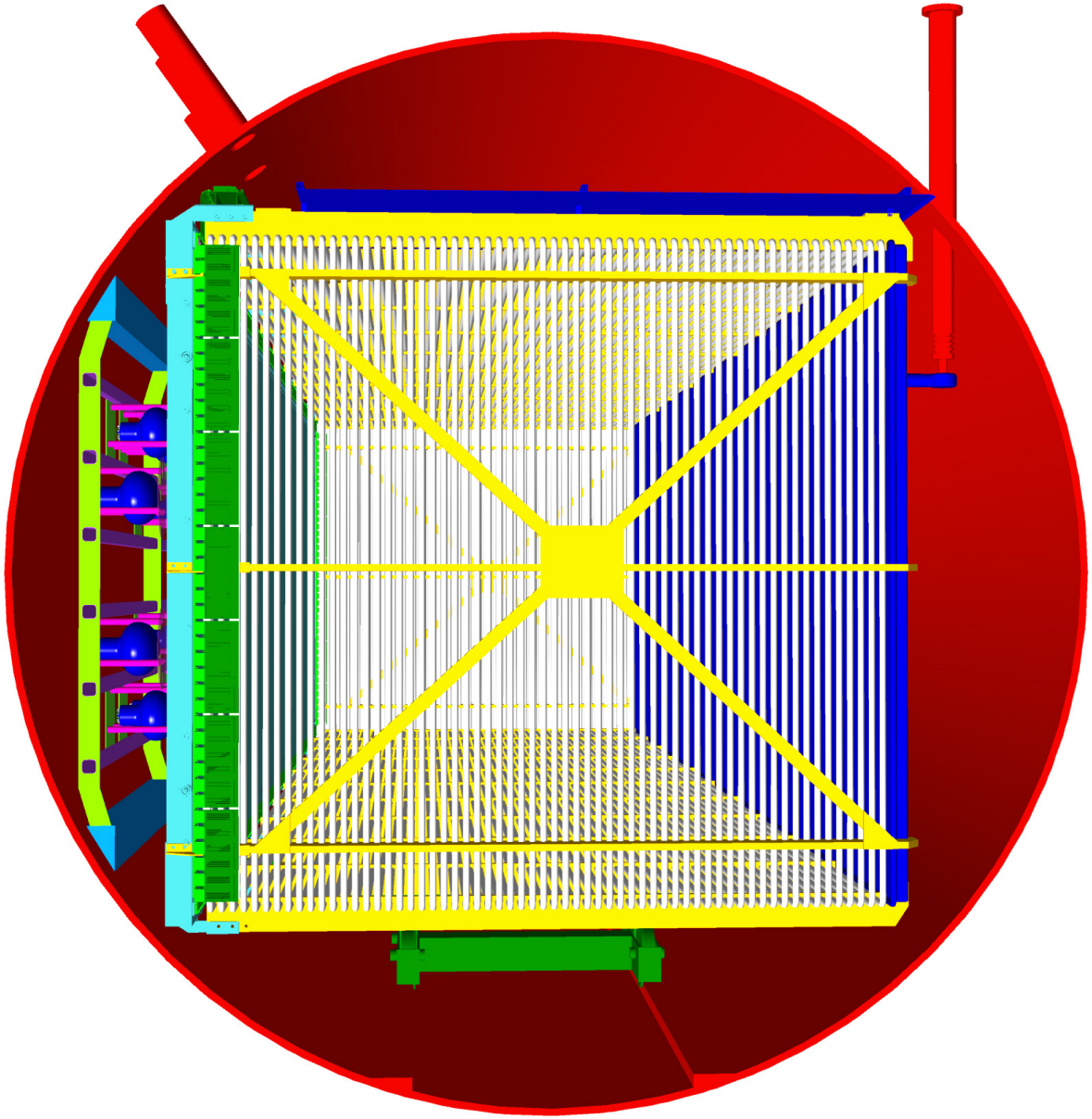






Estimated Installation Time:

15 days

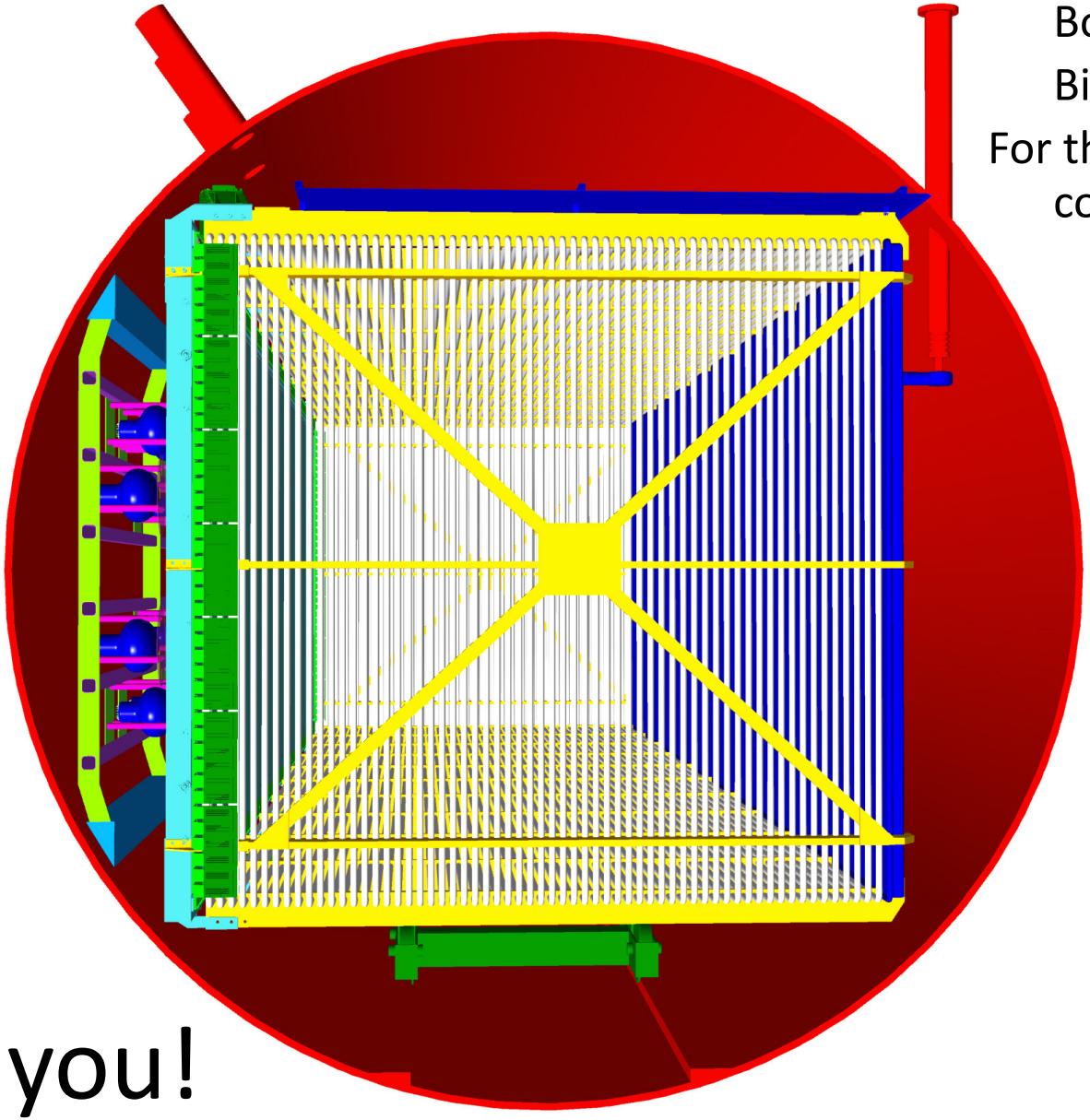


Special Thanks To:

Bo Yu

Bill Sands

For their drawing contributions



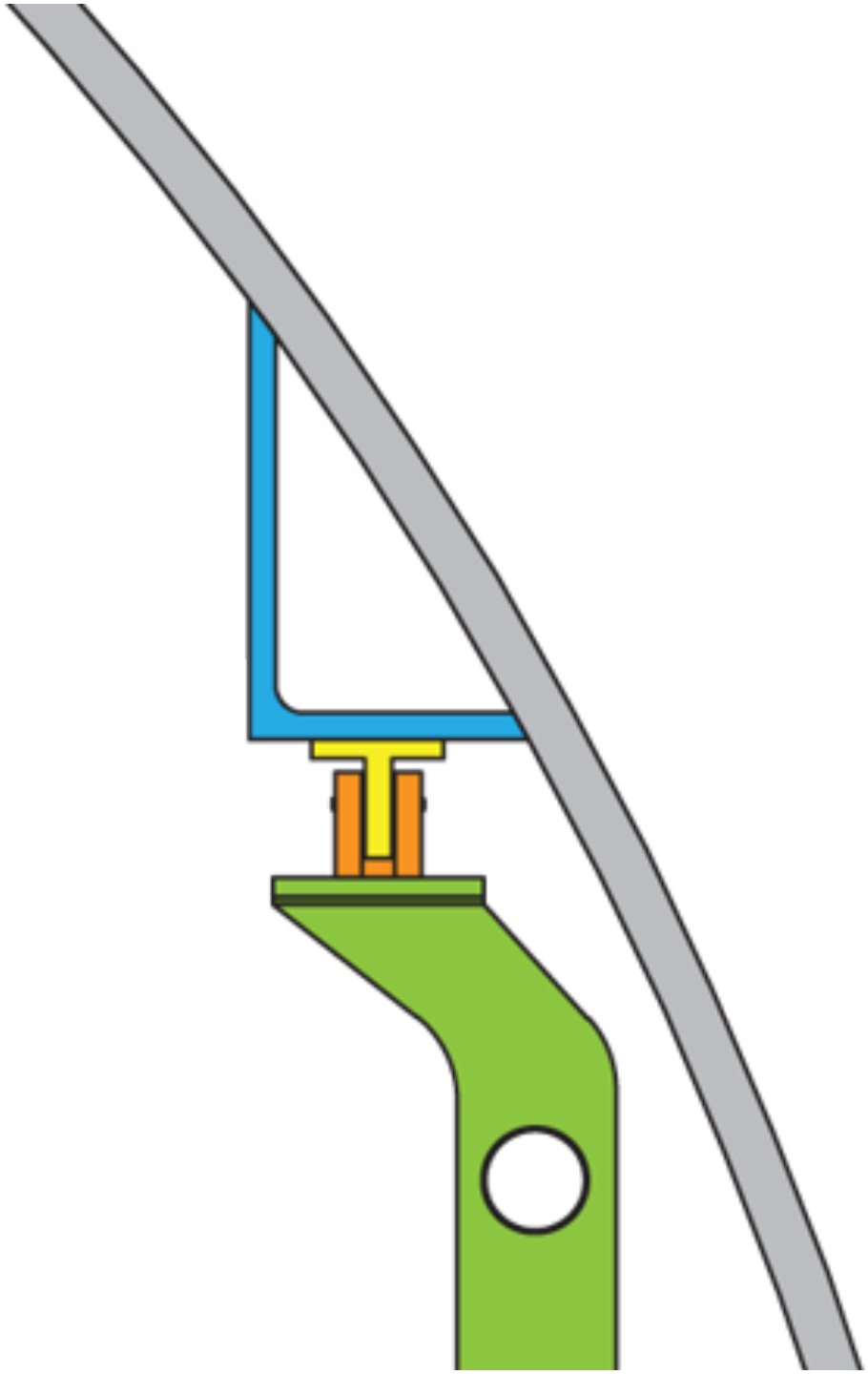
Thank you!

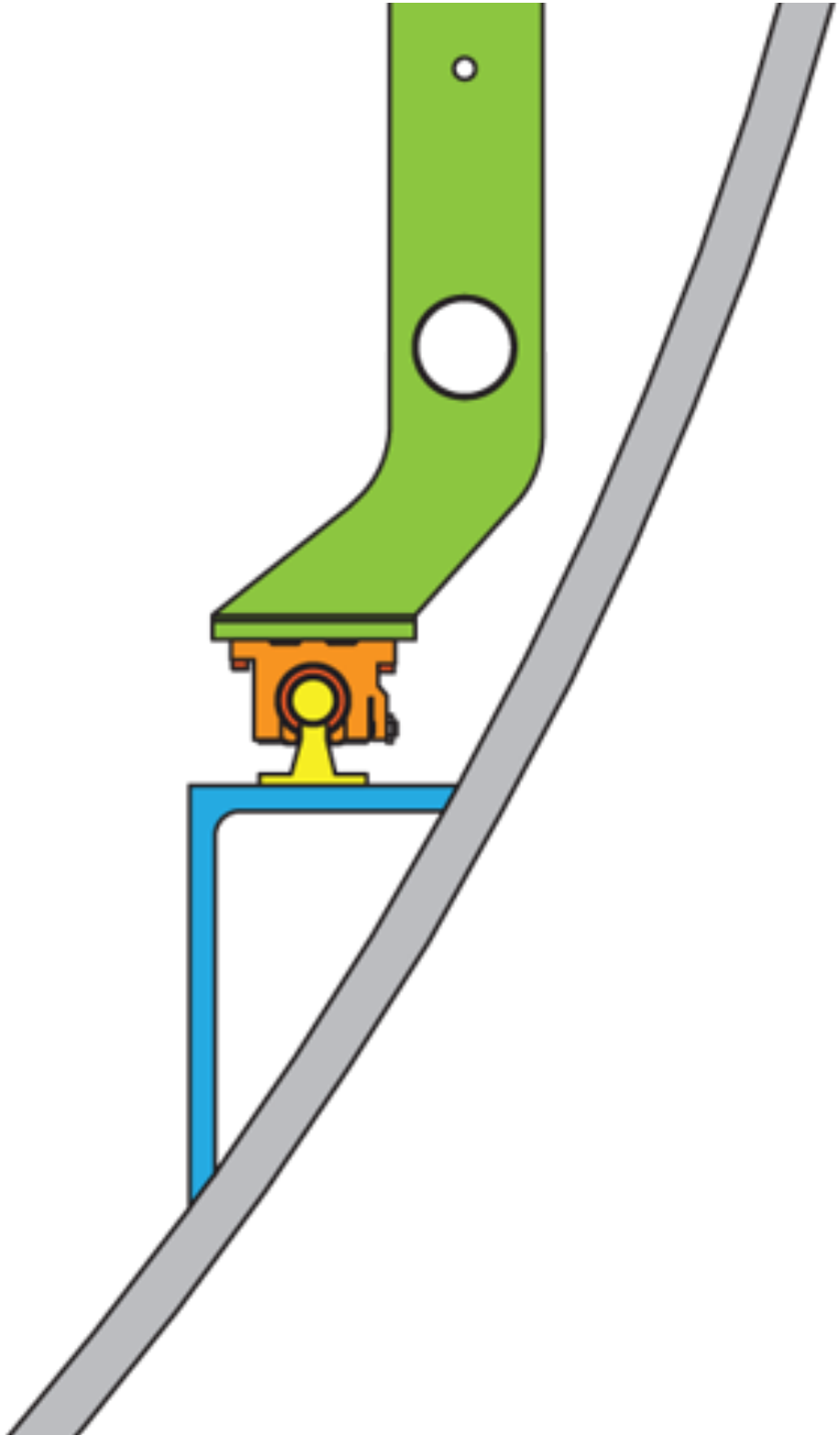
Back Up

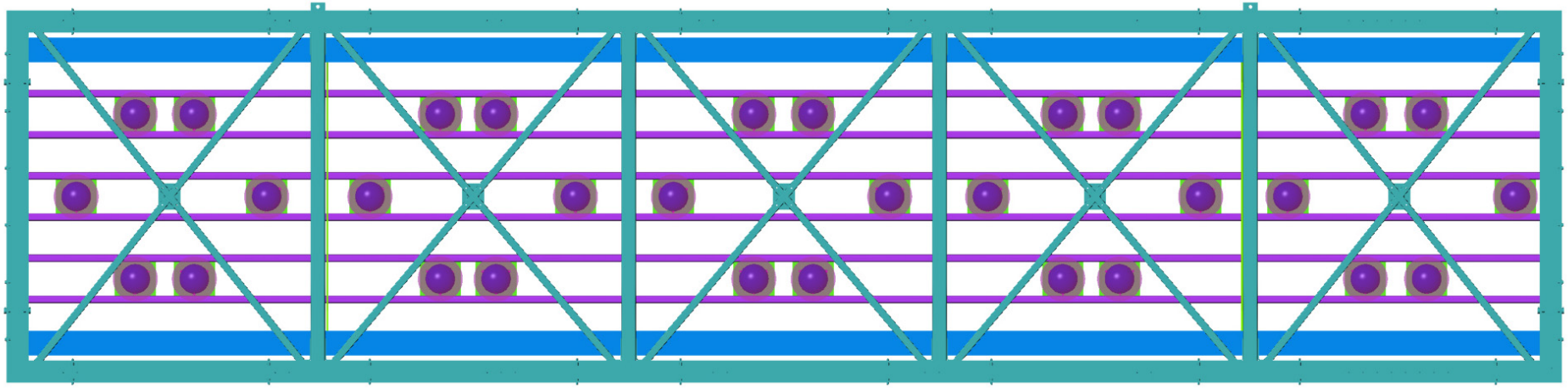
- Details
- Old Models

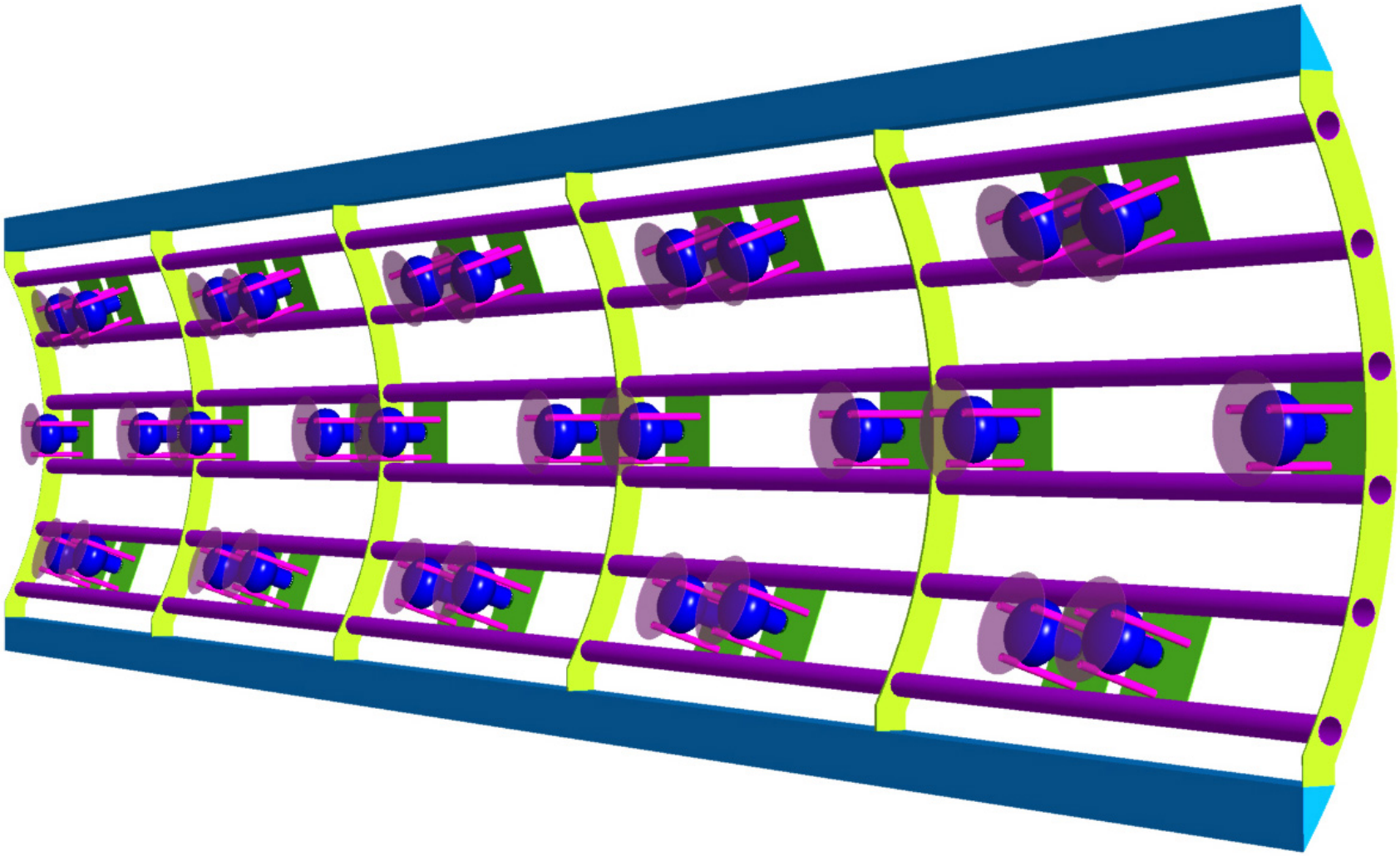
Each module is…

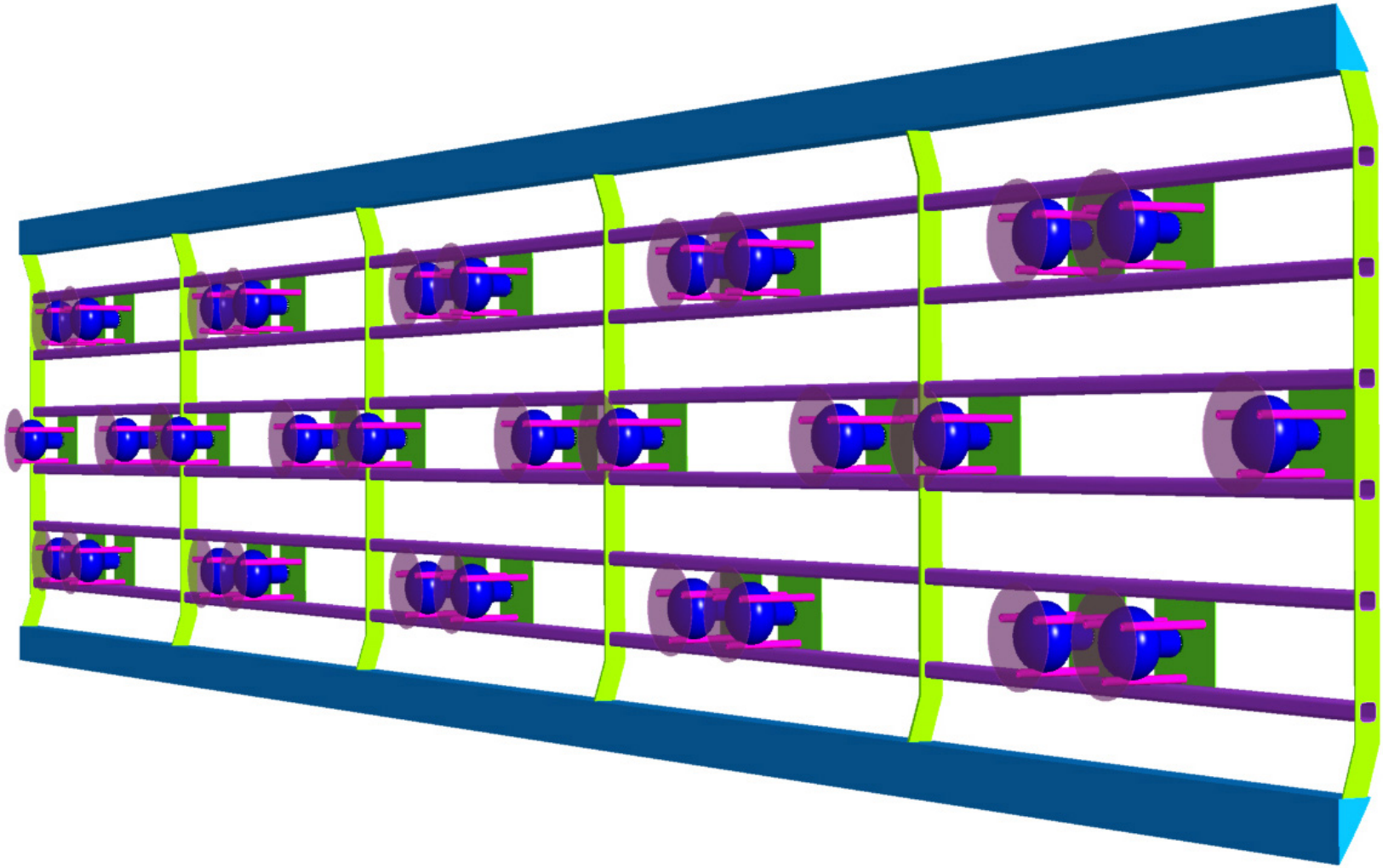
1. Rolled on an mobile hoist into the clean room surrounding the cryostat.
2. Dressed with PMT units and cabling
3. Slid onto railing extension outside of the cryostat
4. Pushed into the cryostat
5. PMT cabling is held out of the way so the next module can be installed.

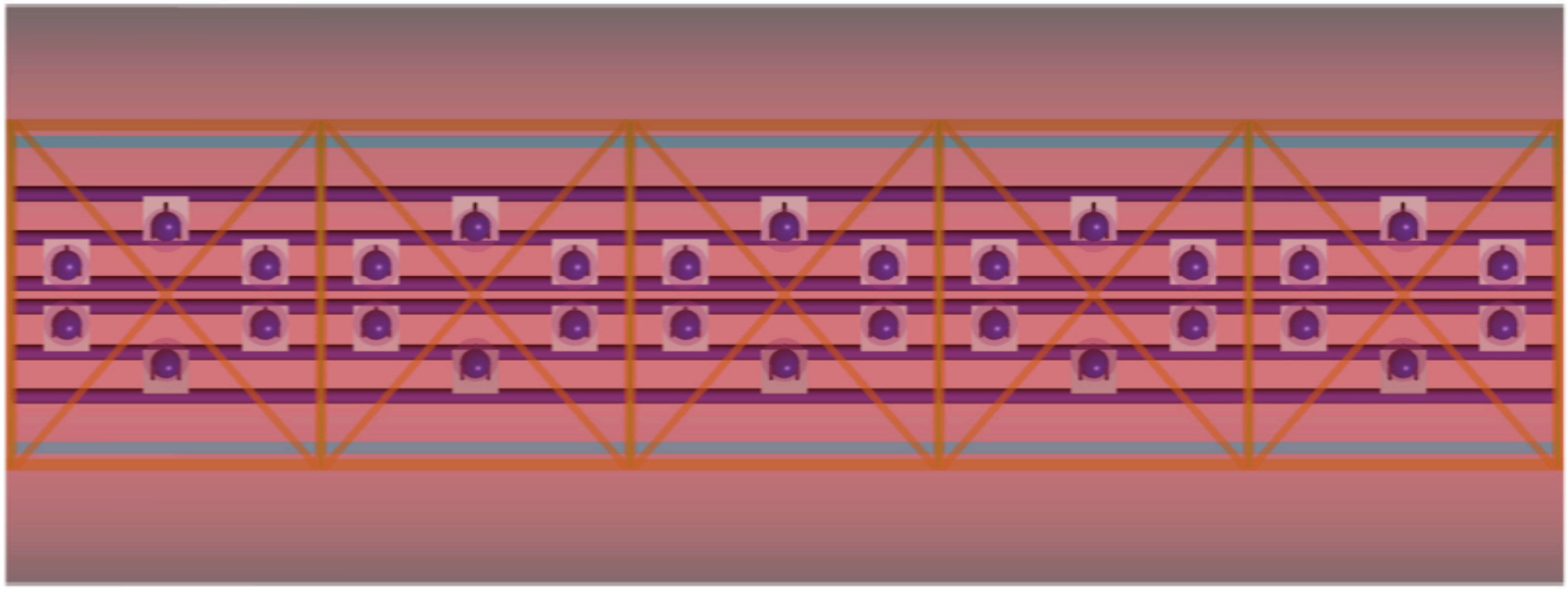


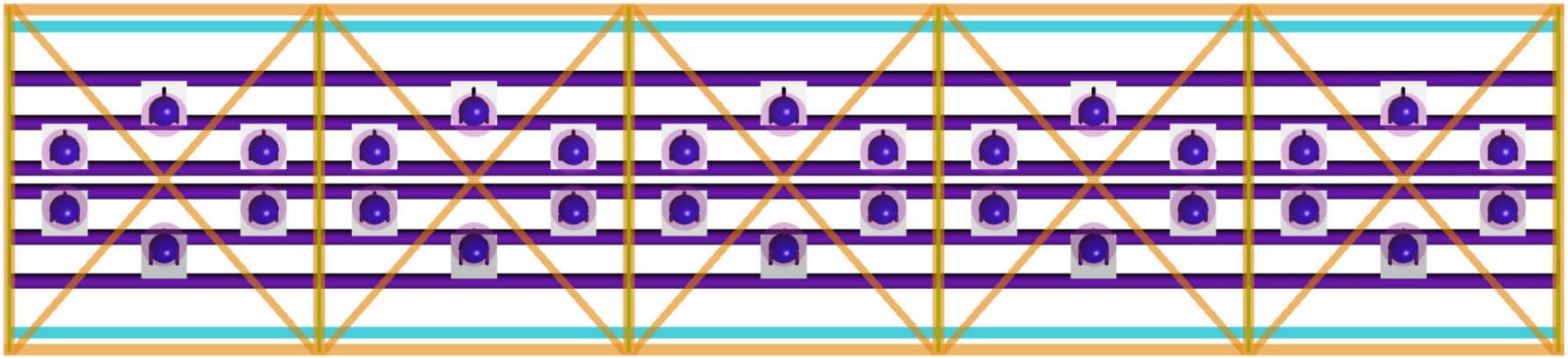


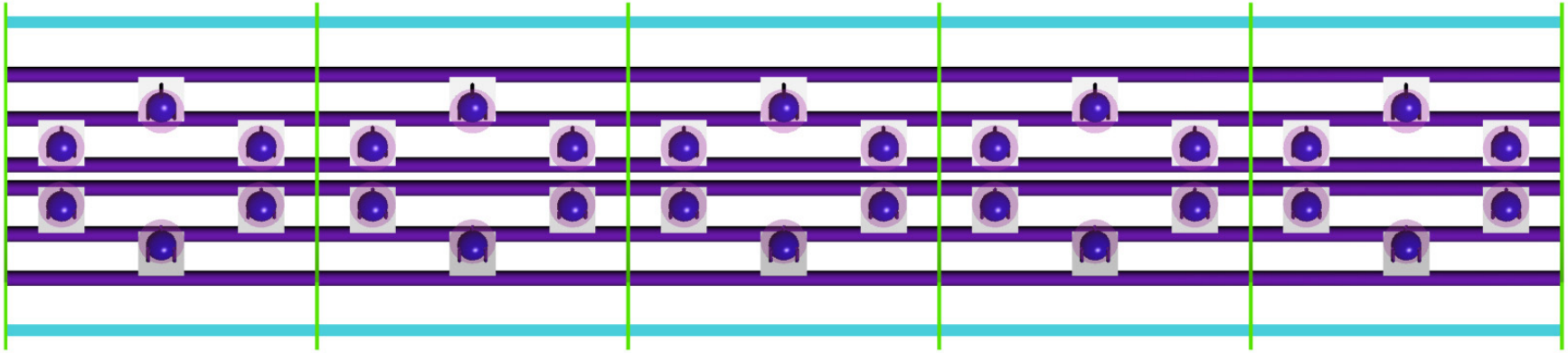




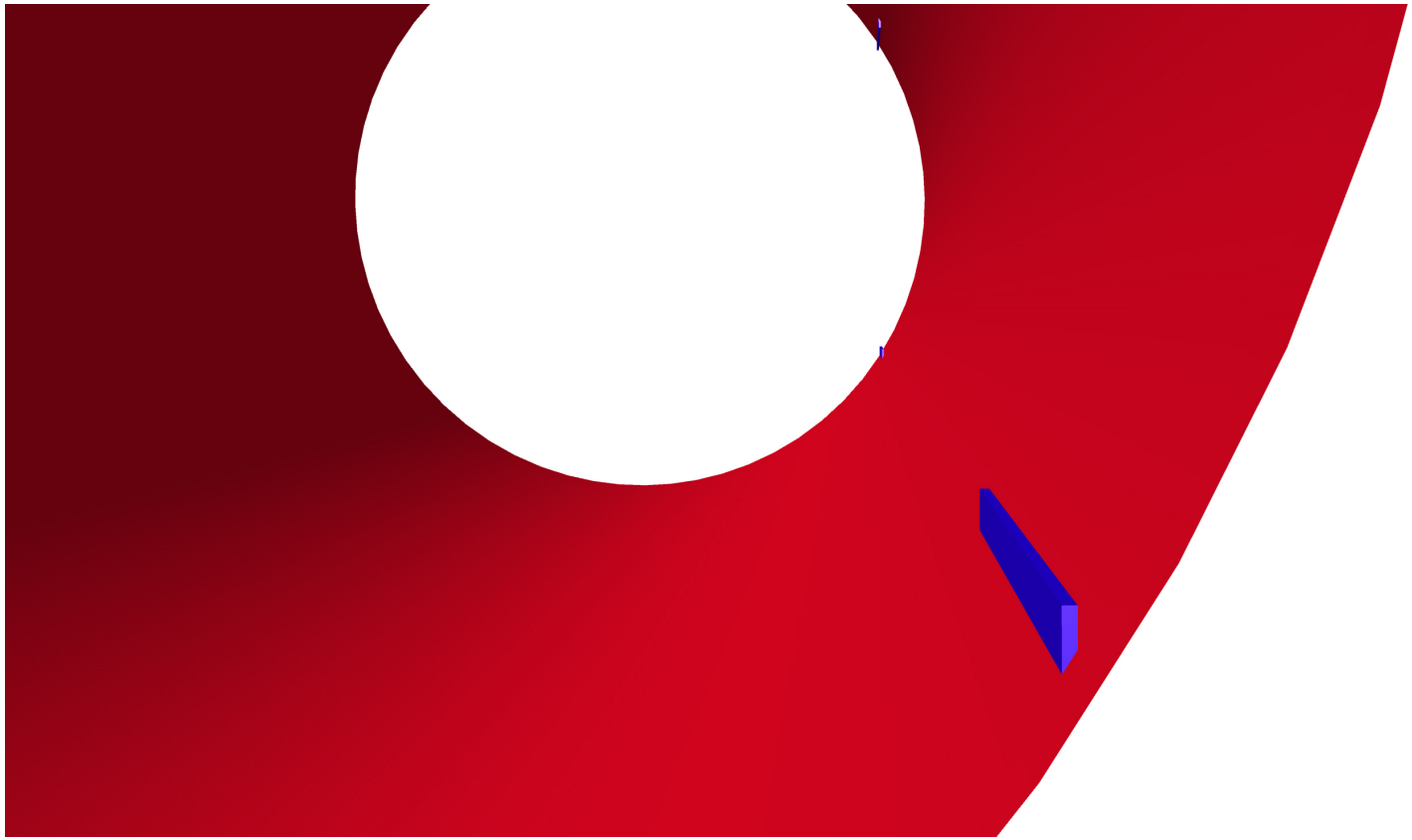








Installation



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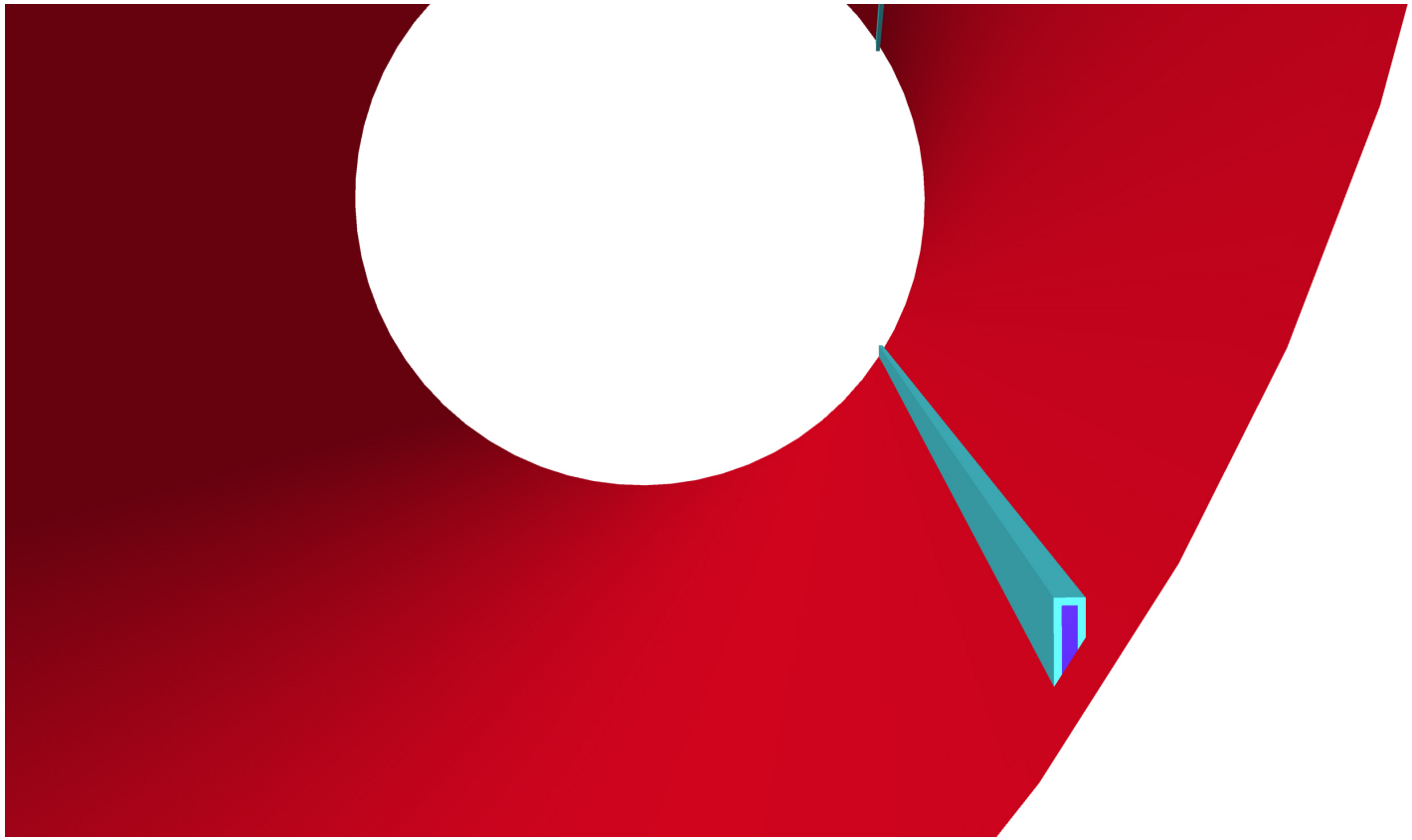

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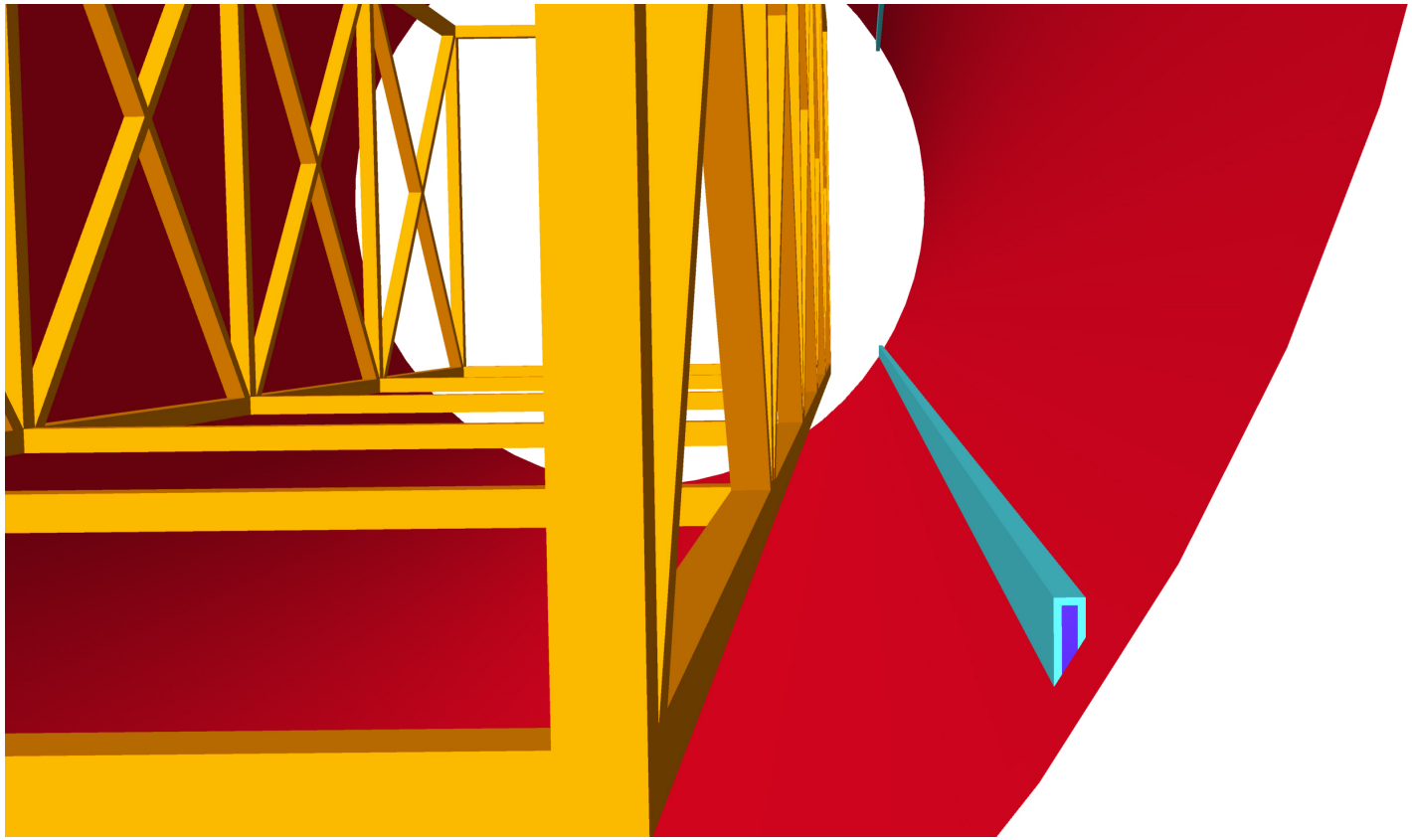
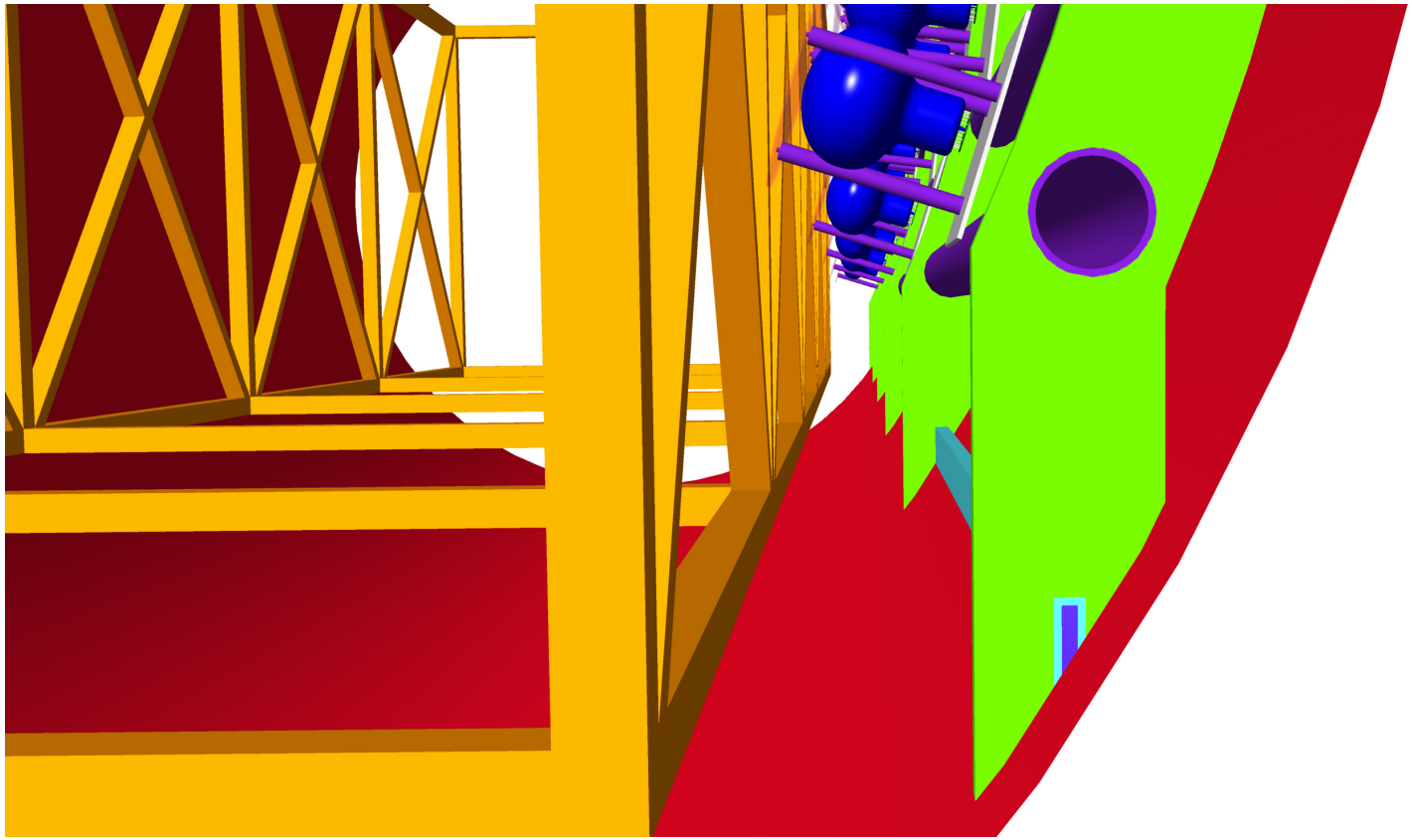
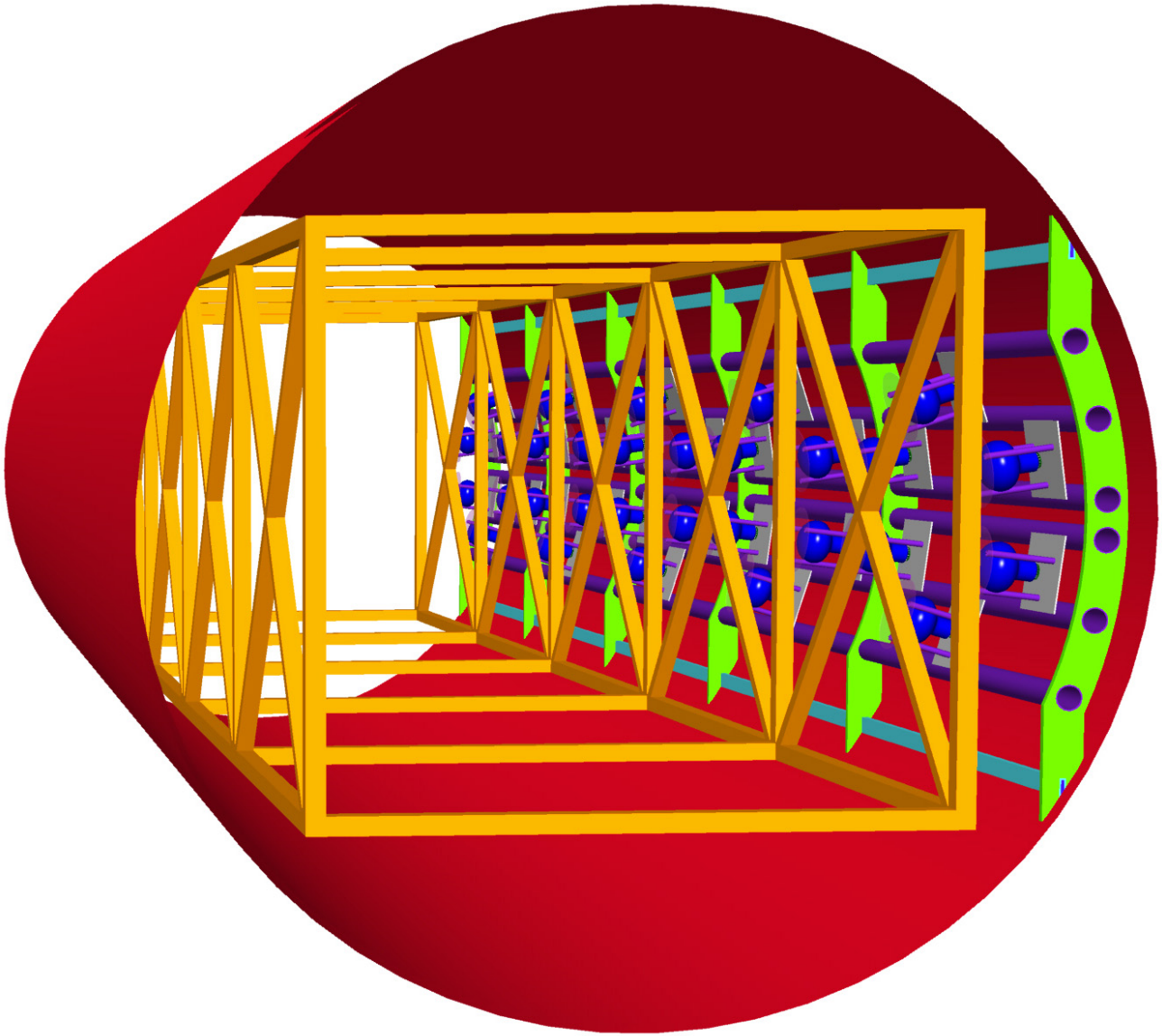
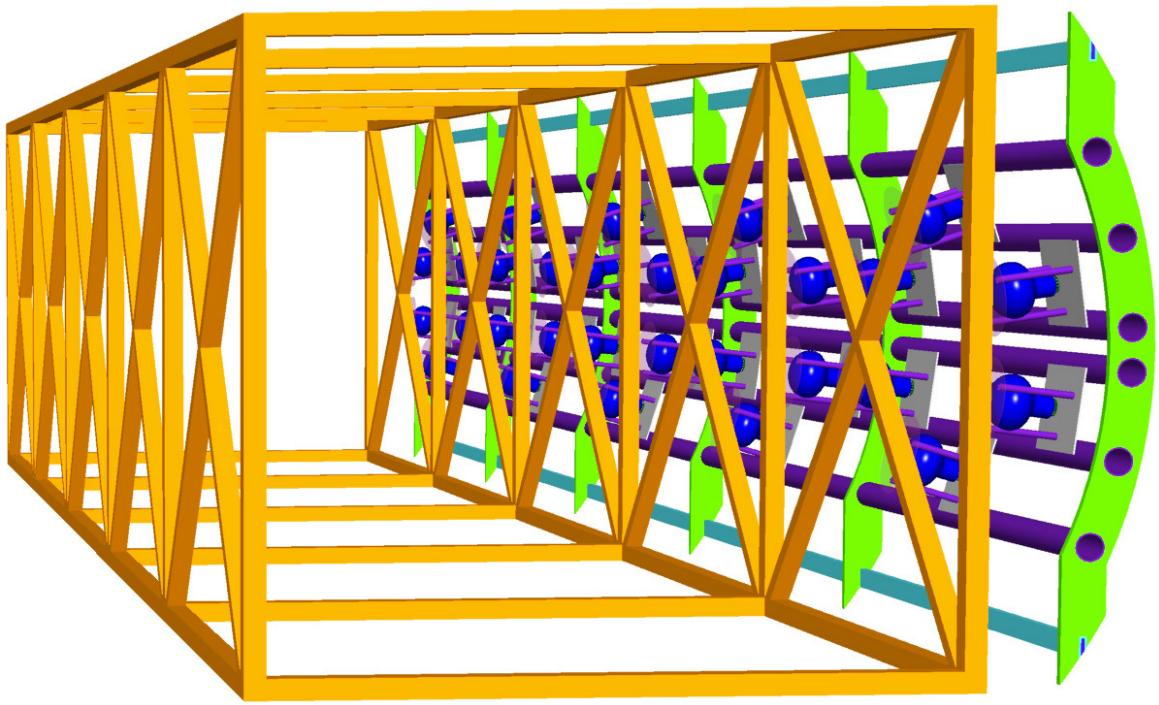
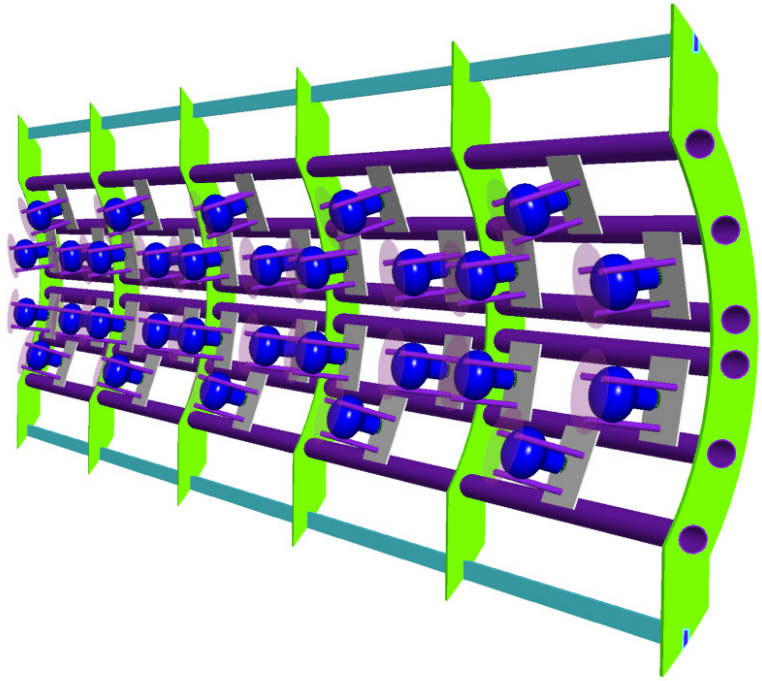
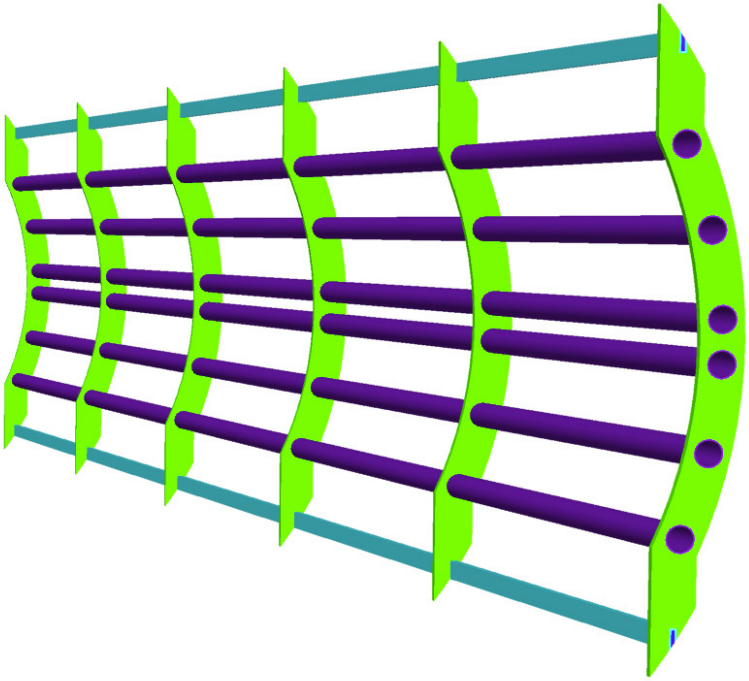


Installation

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