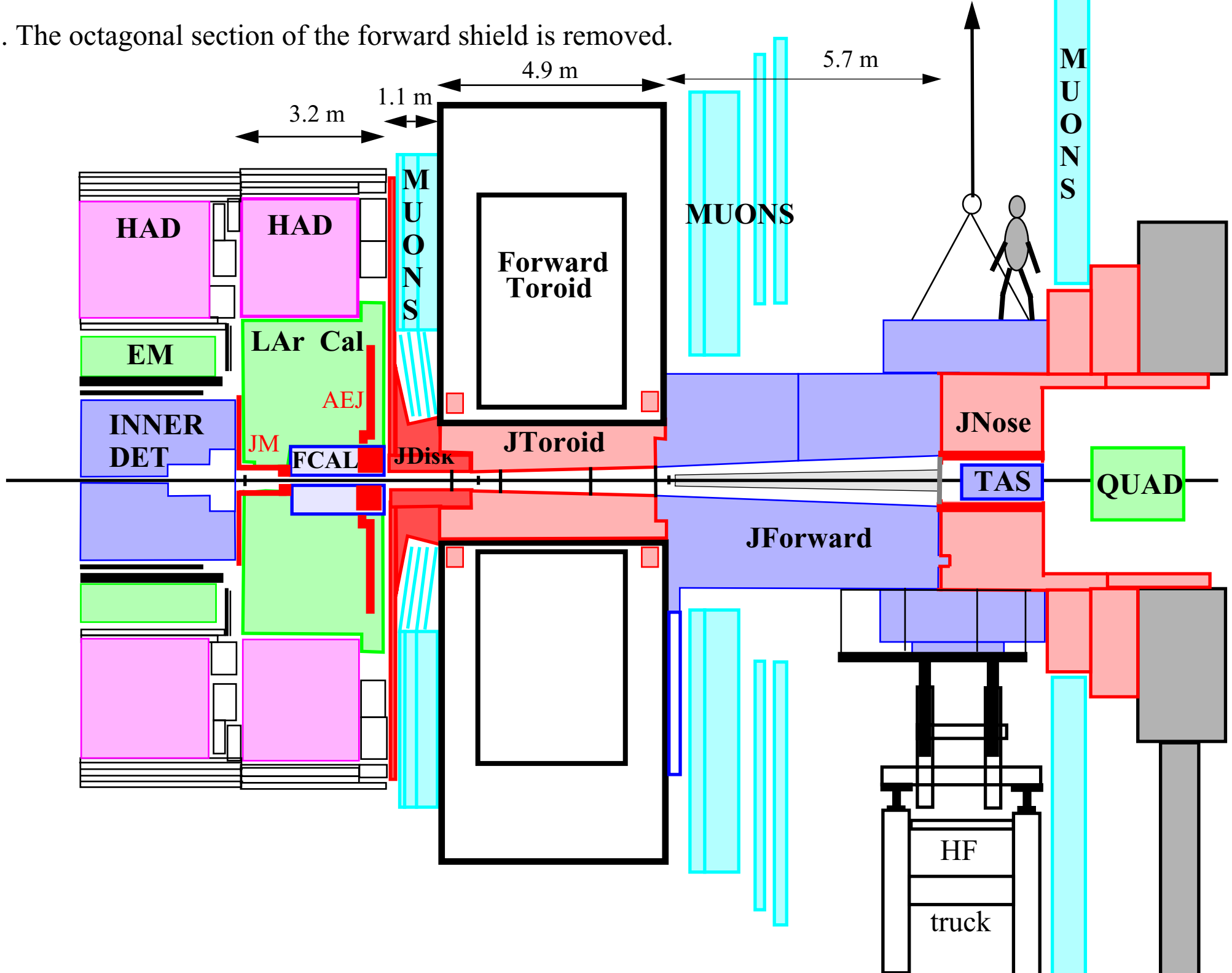
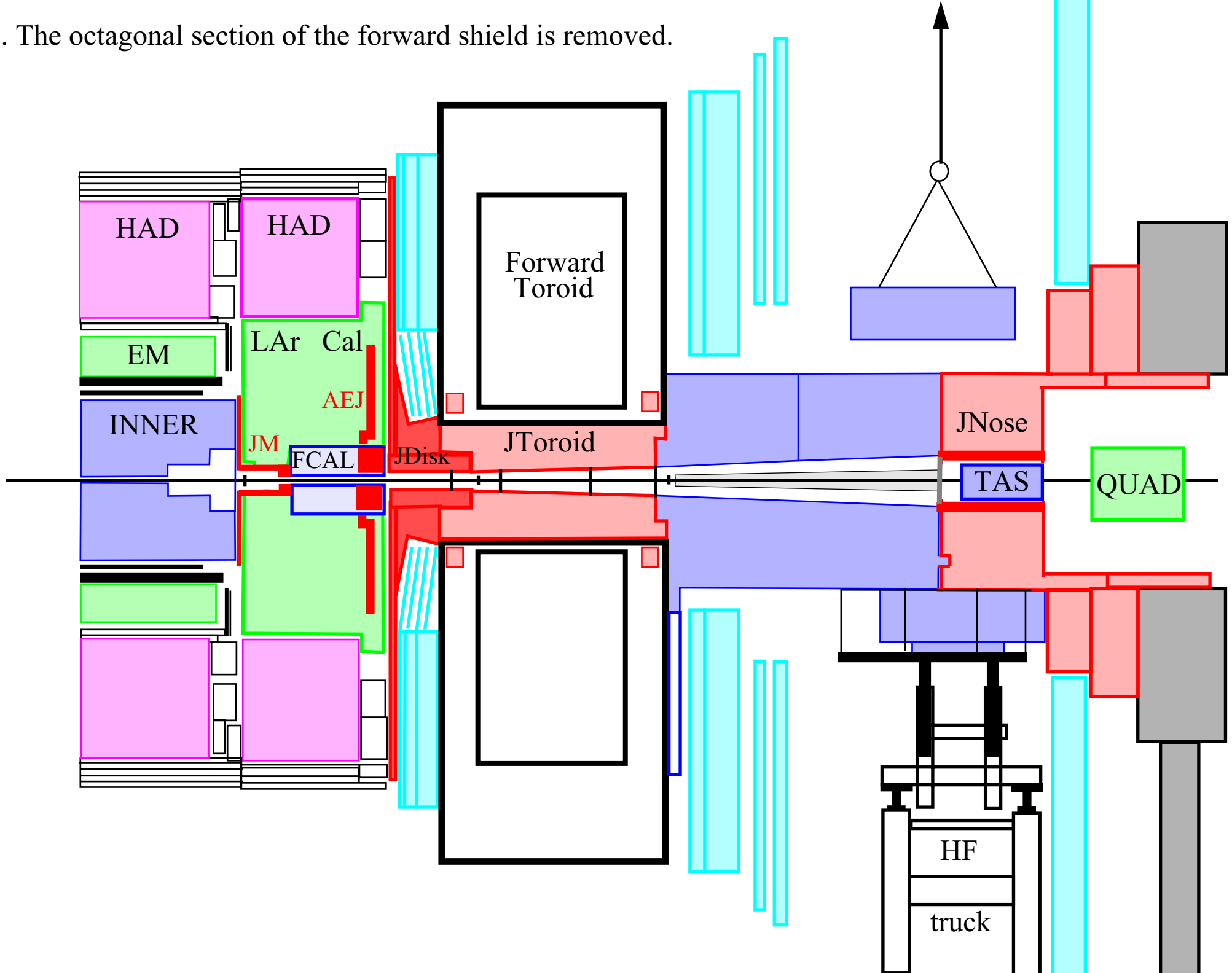
1. The octagonal section of the forward shield is removed.



1. The octagonal section of the forward shield is removed.



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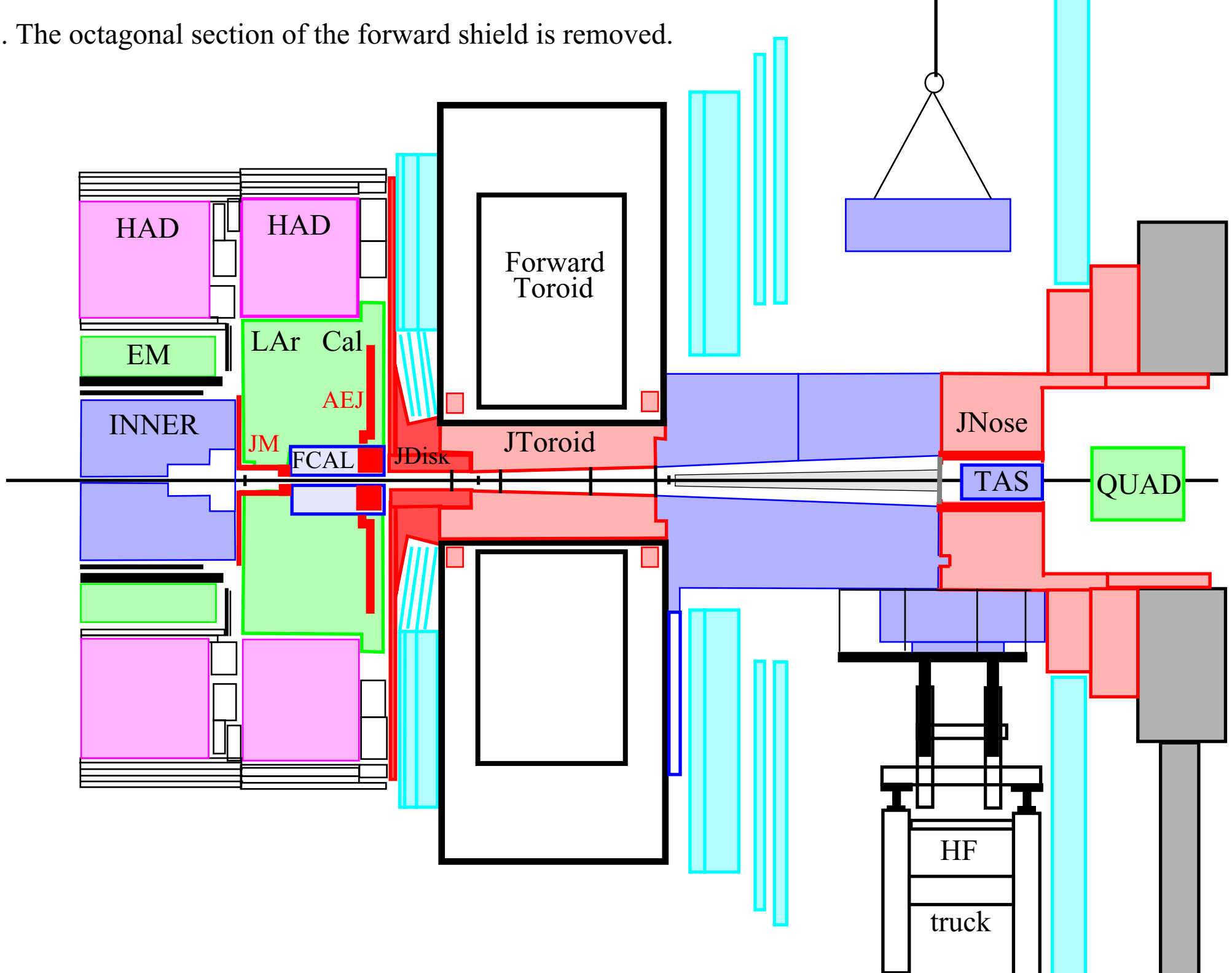

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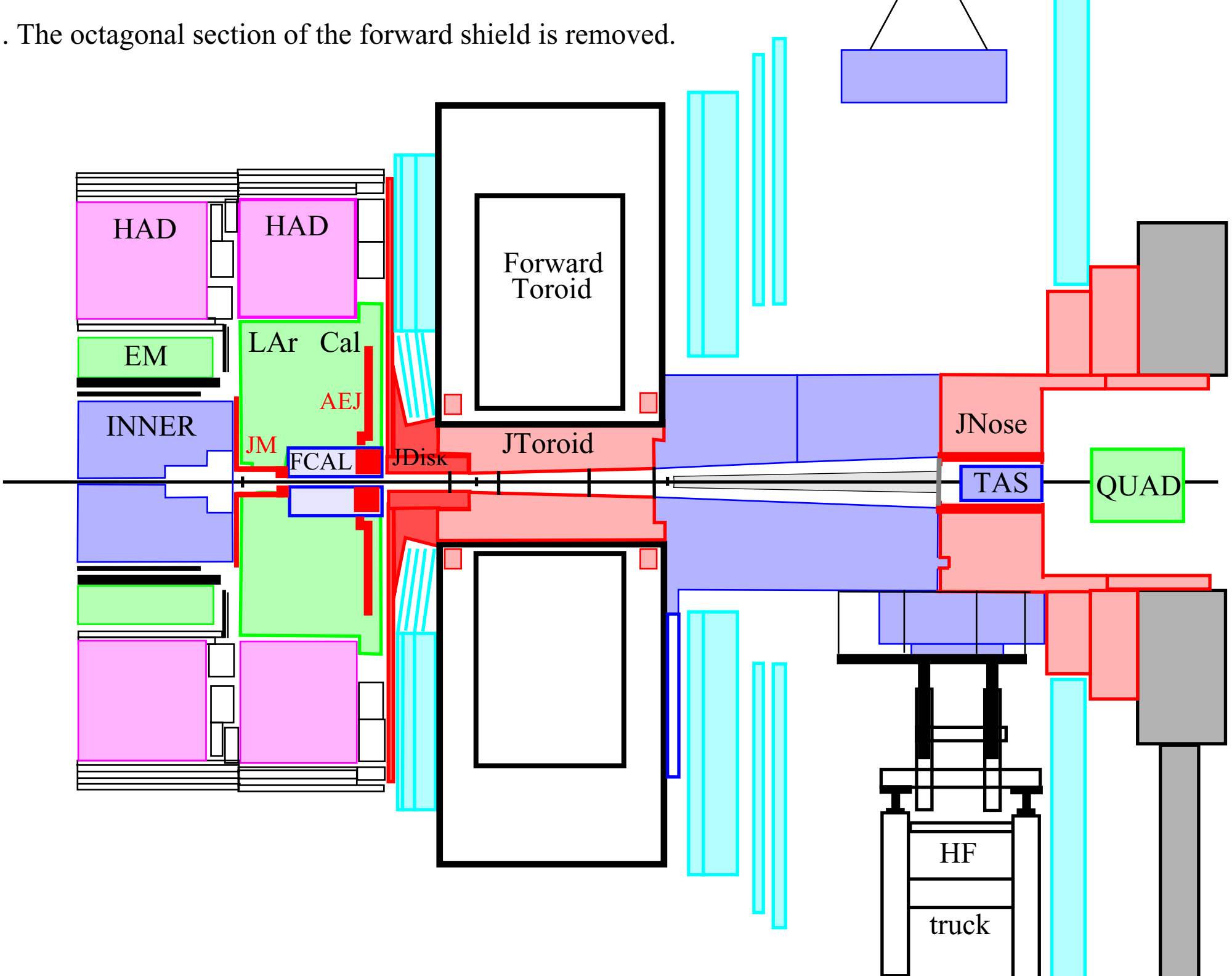

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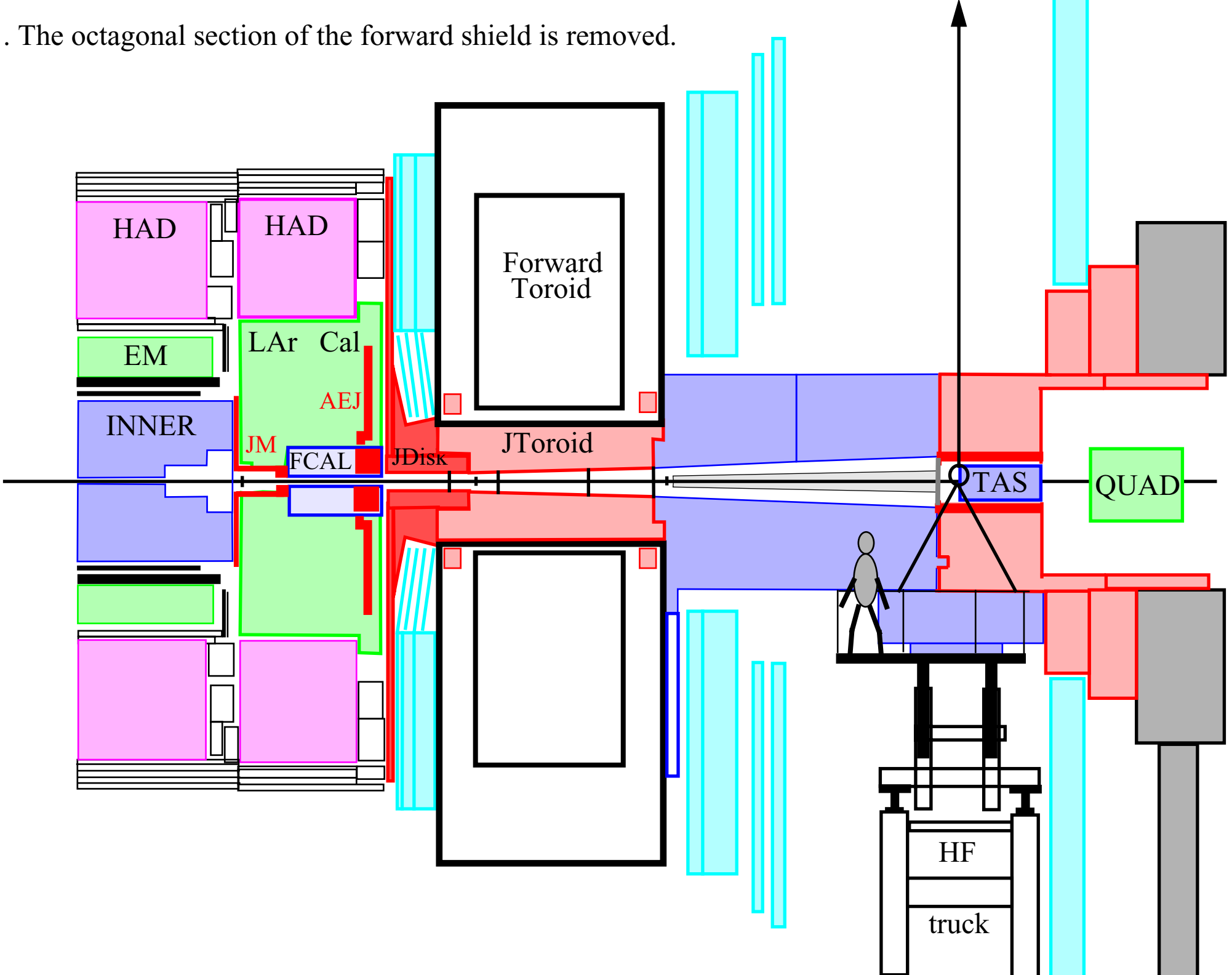

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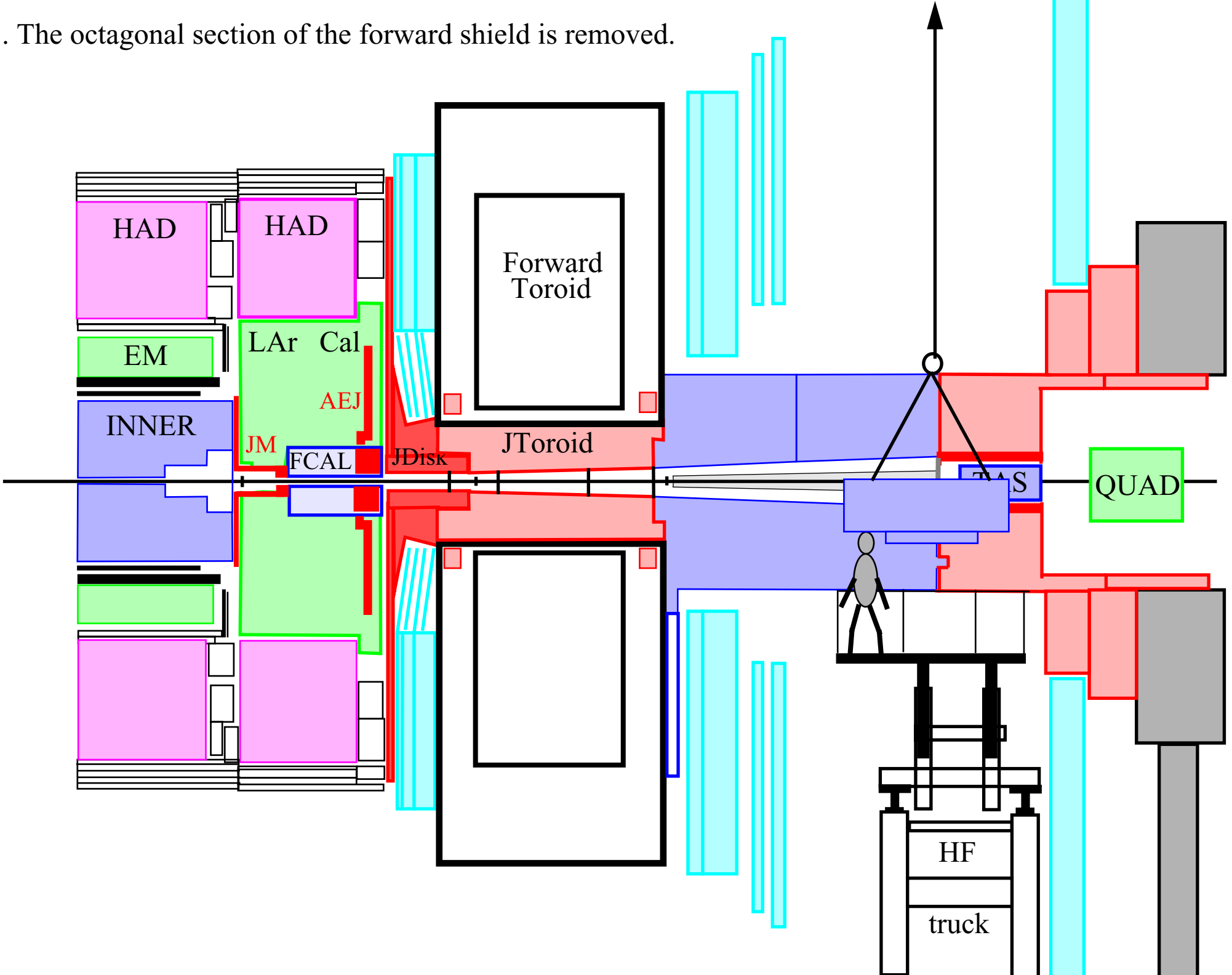

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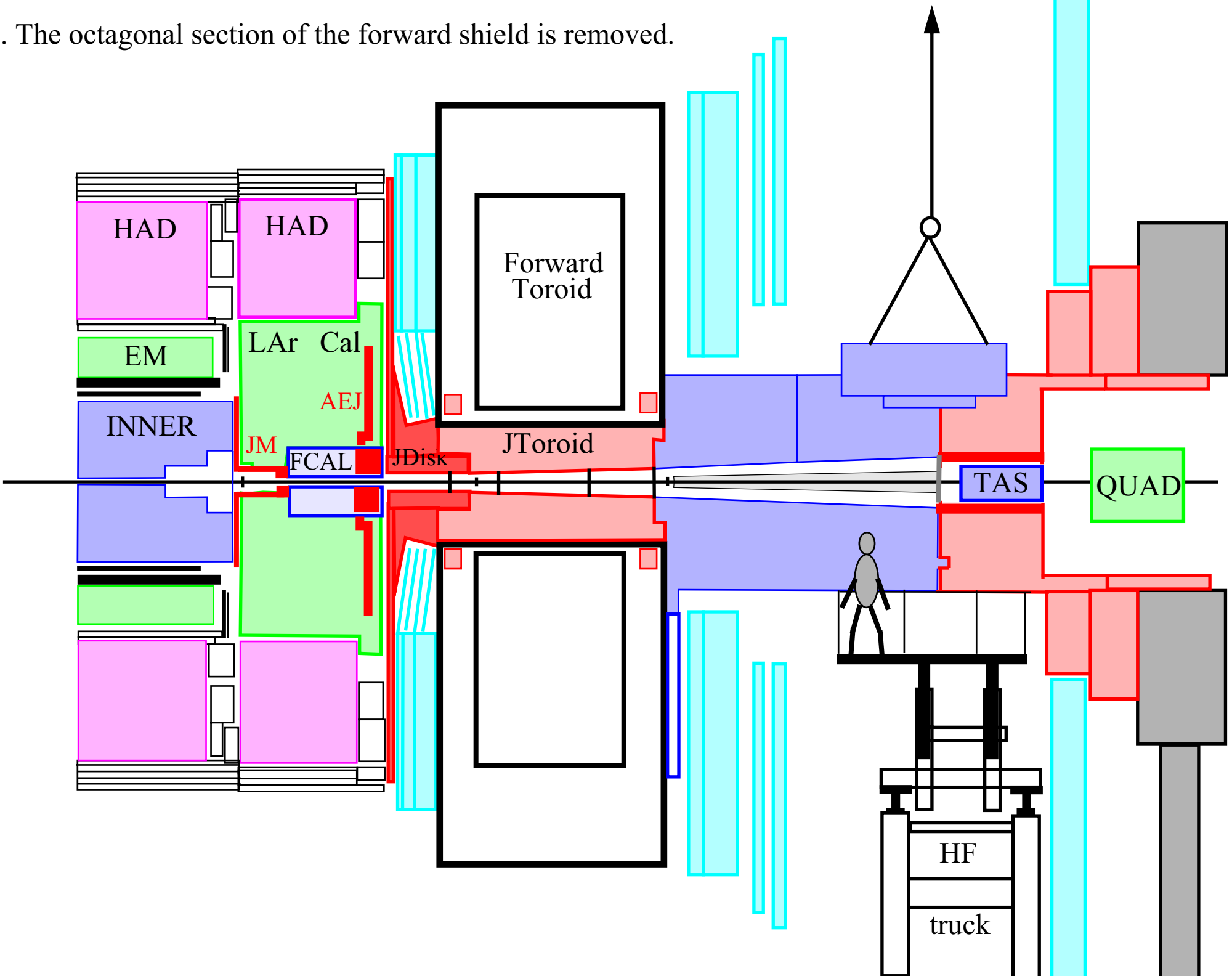

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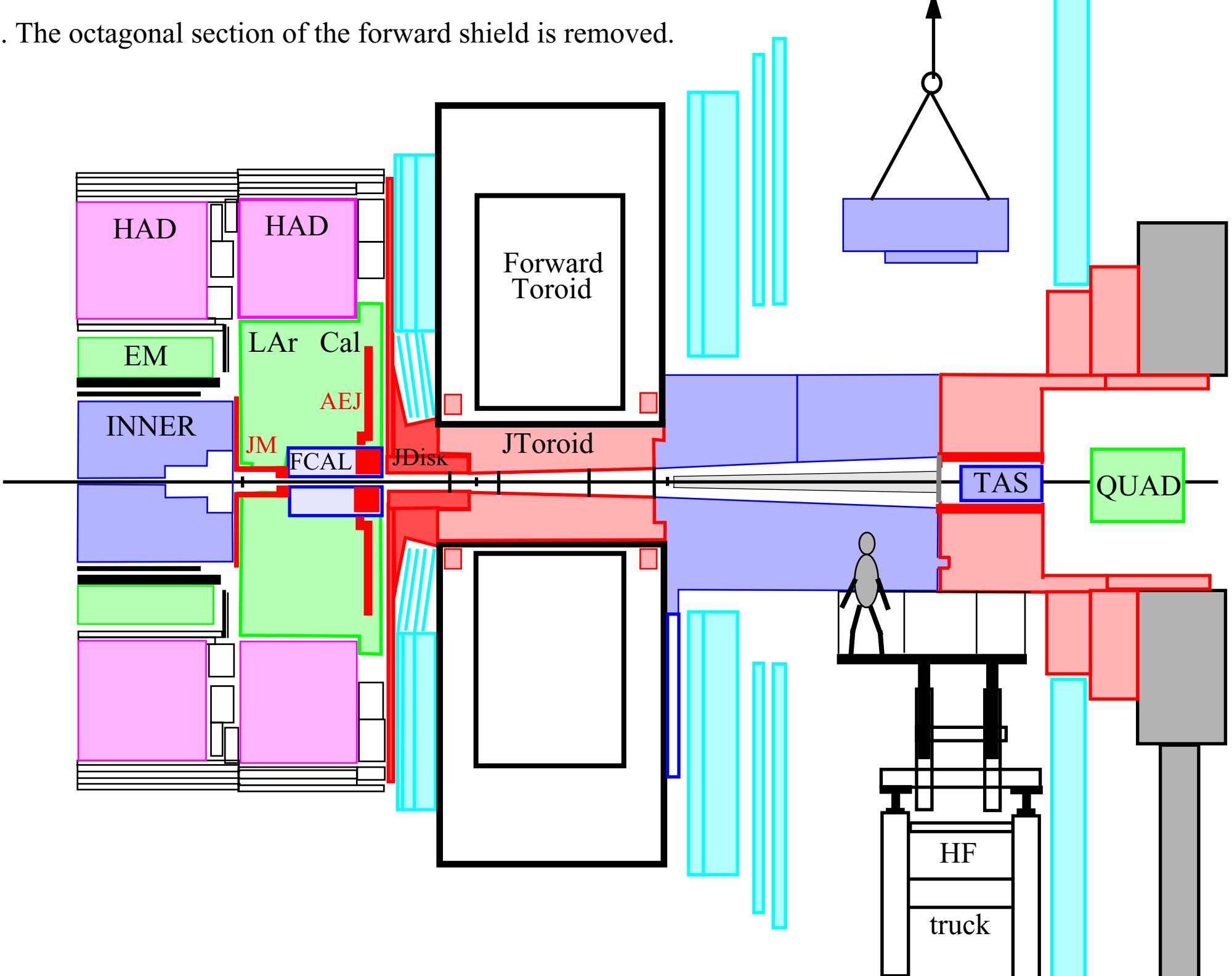

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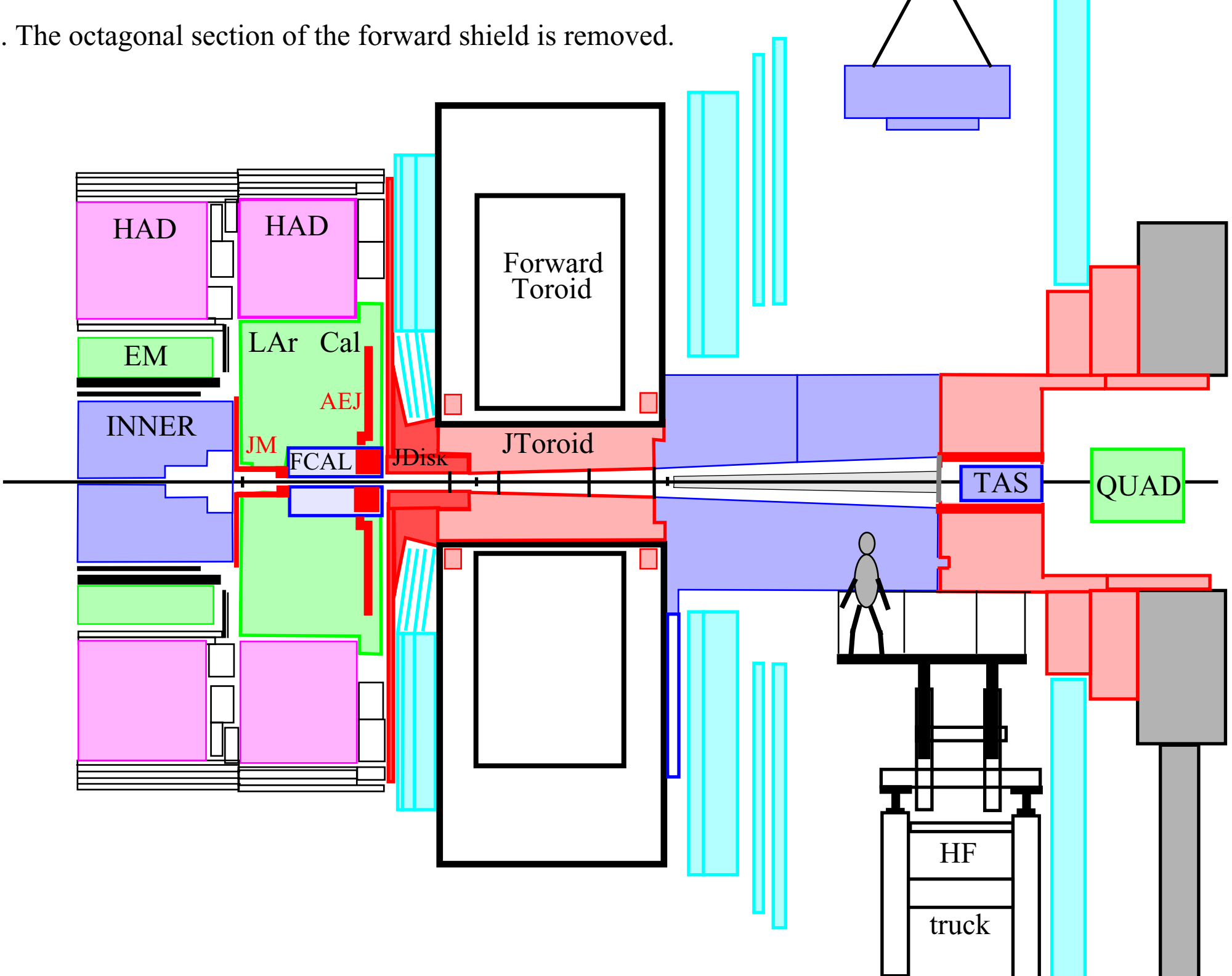
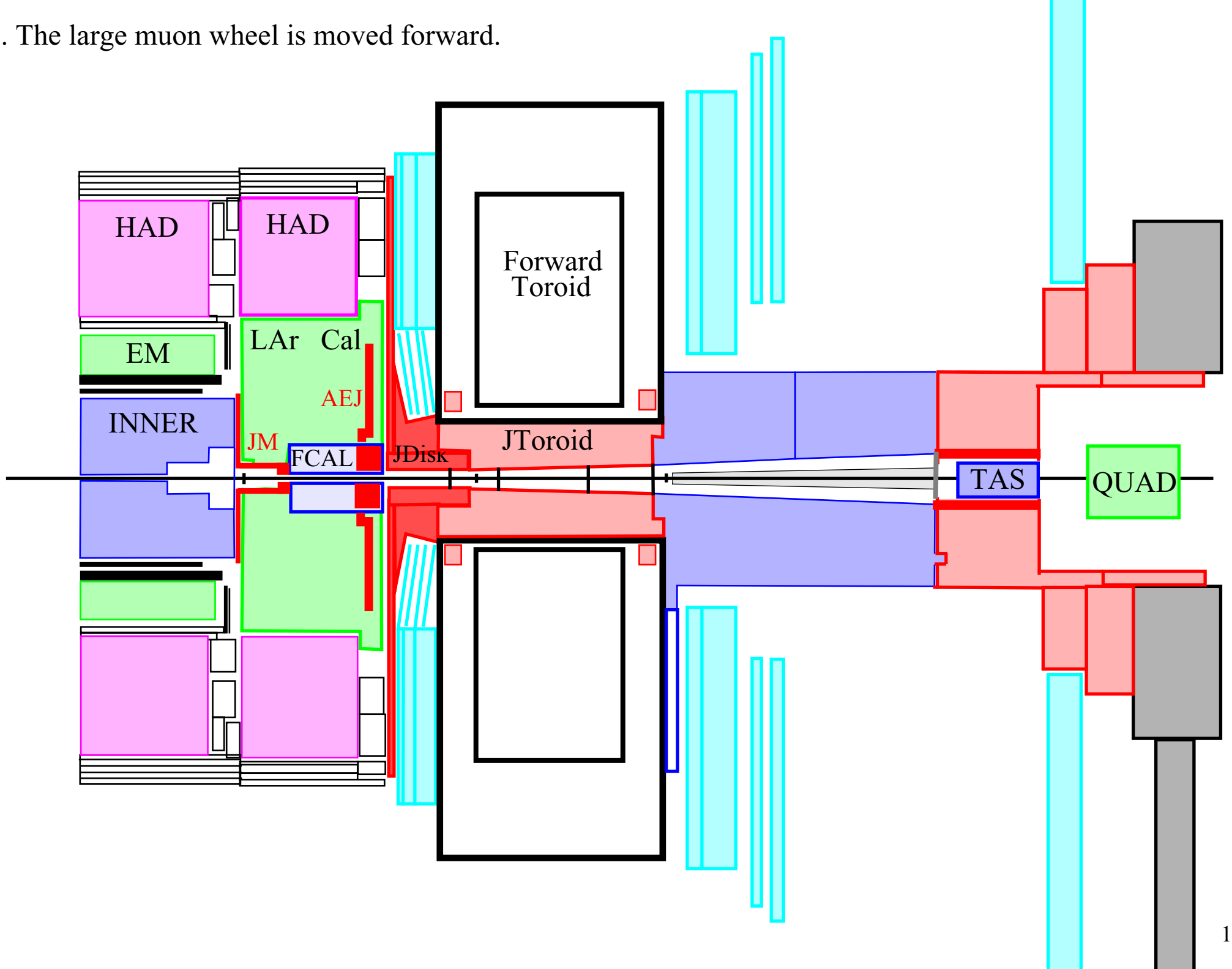


2. The large muon wheel is moved forward.



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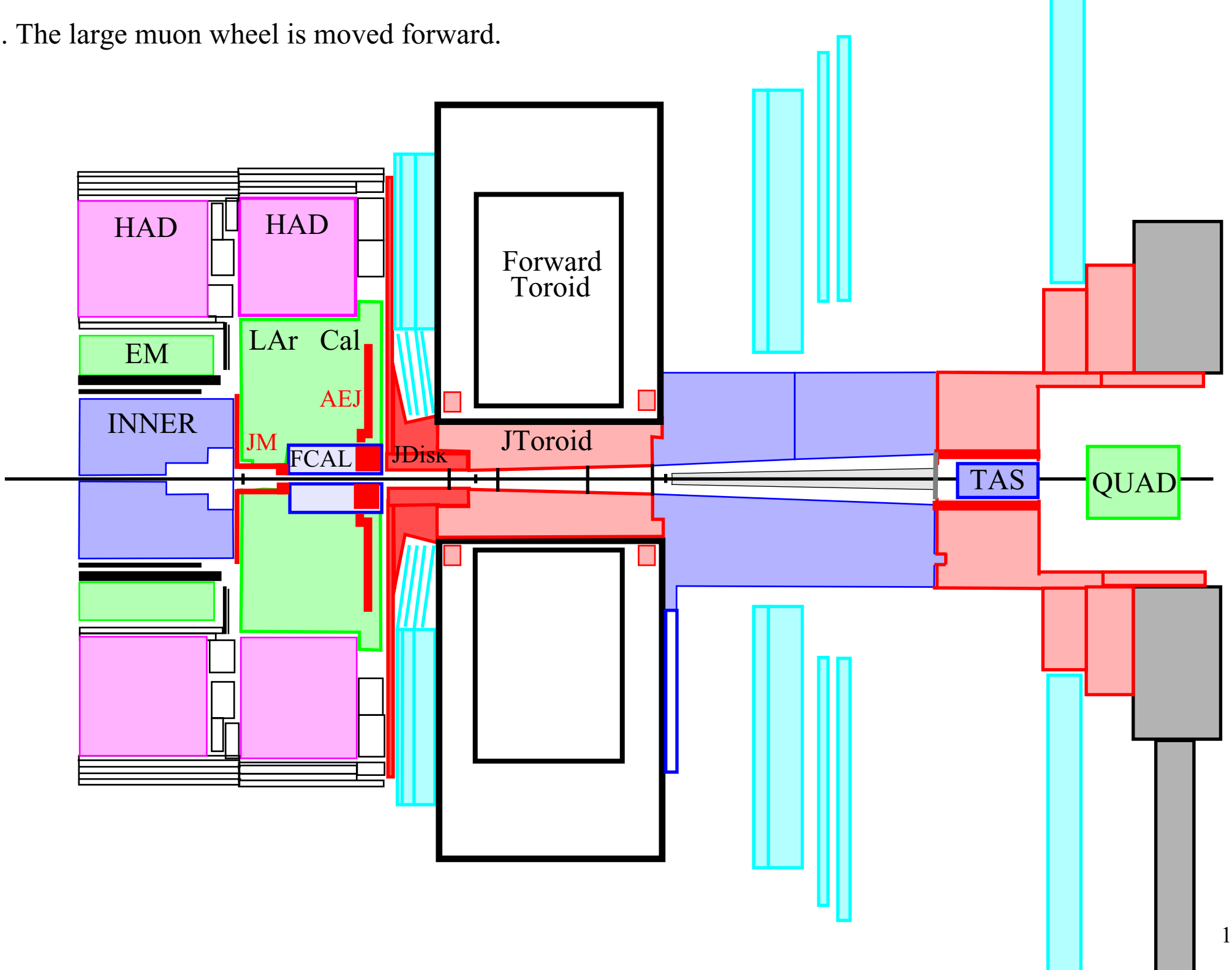

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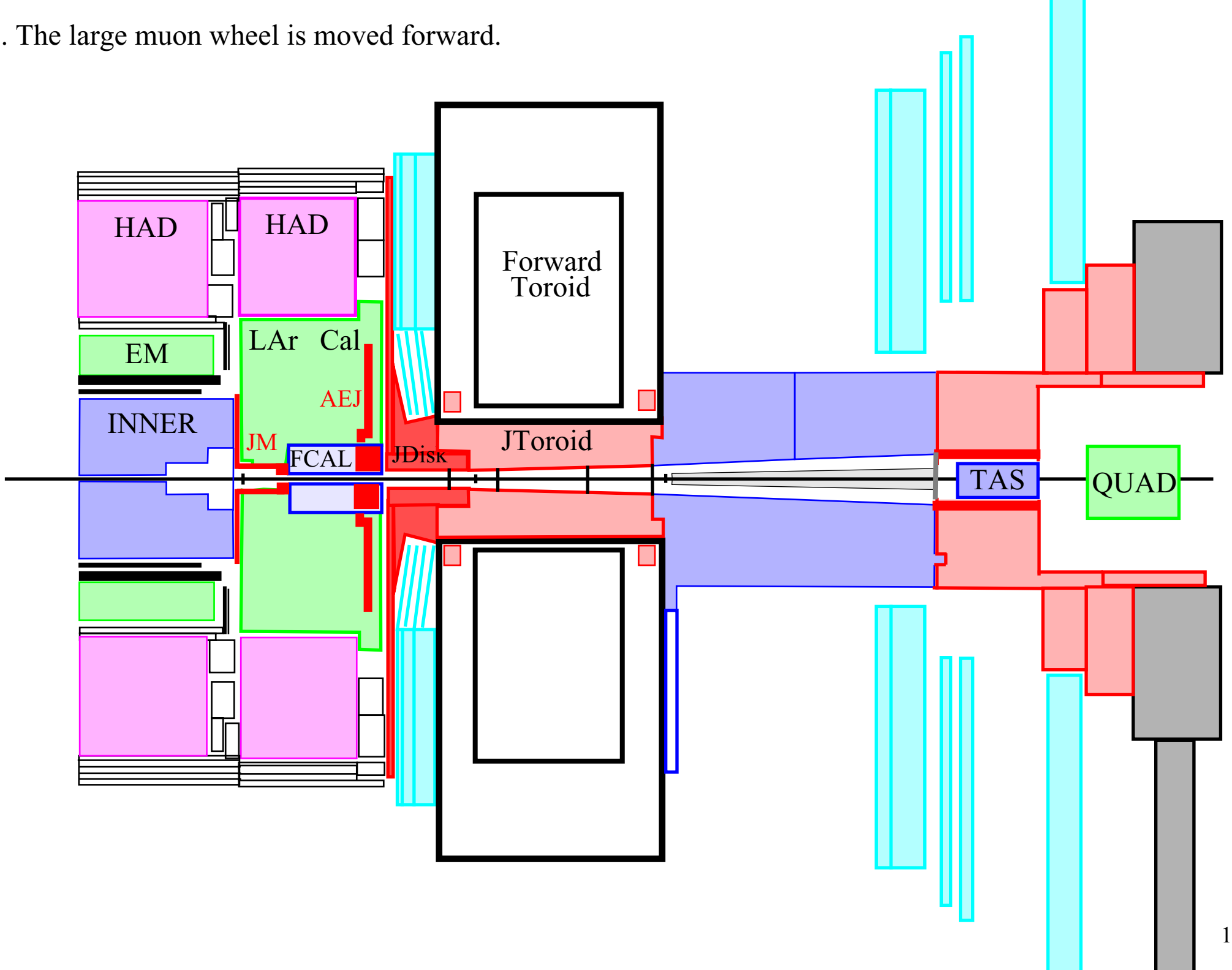

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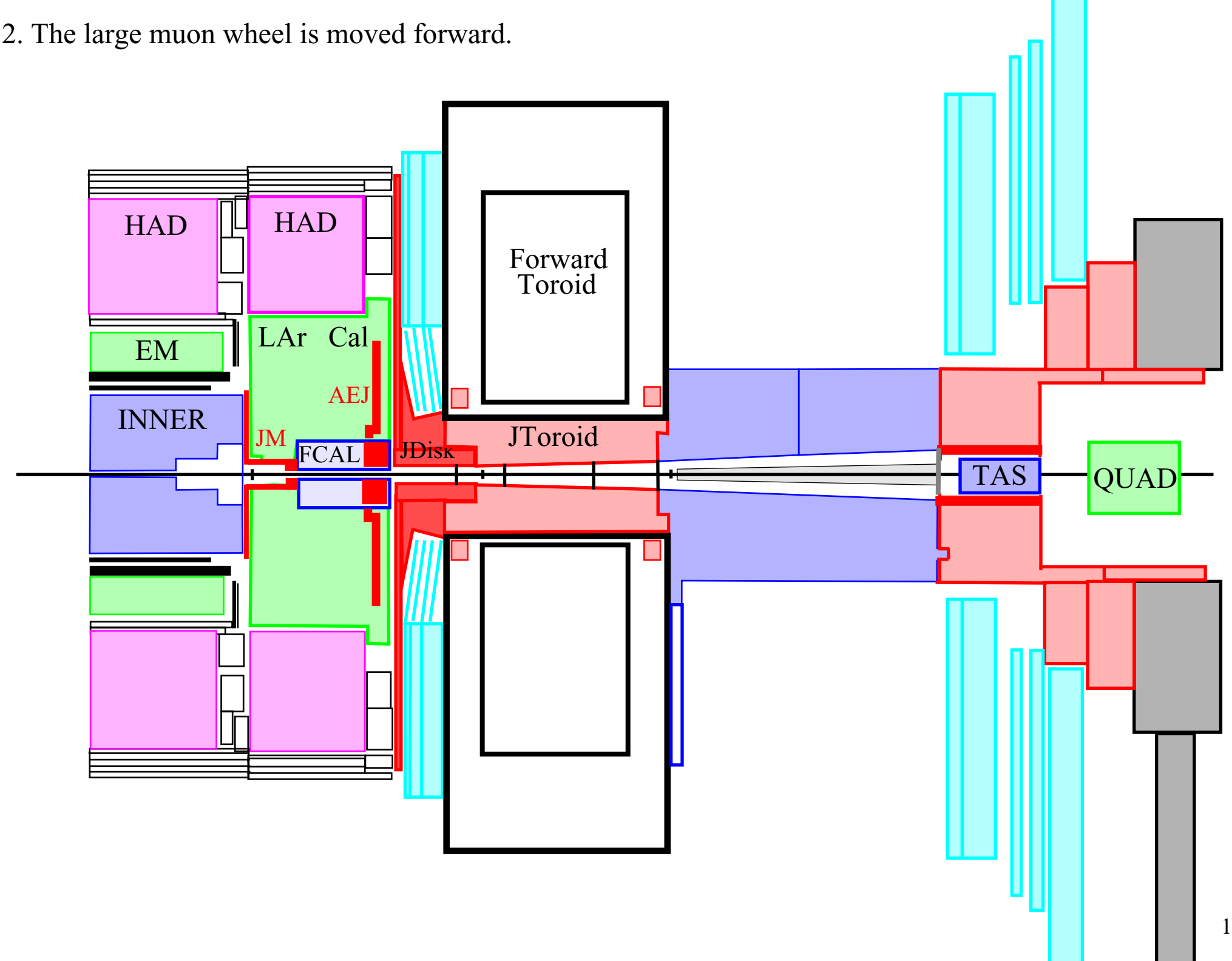
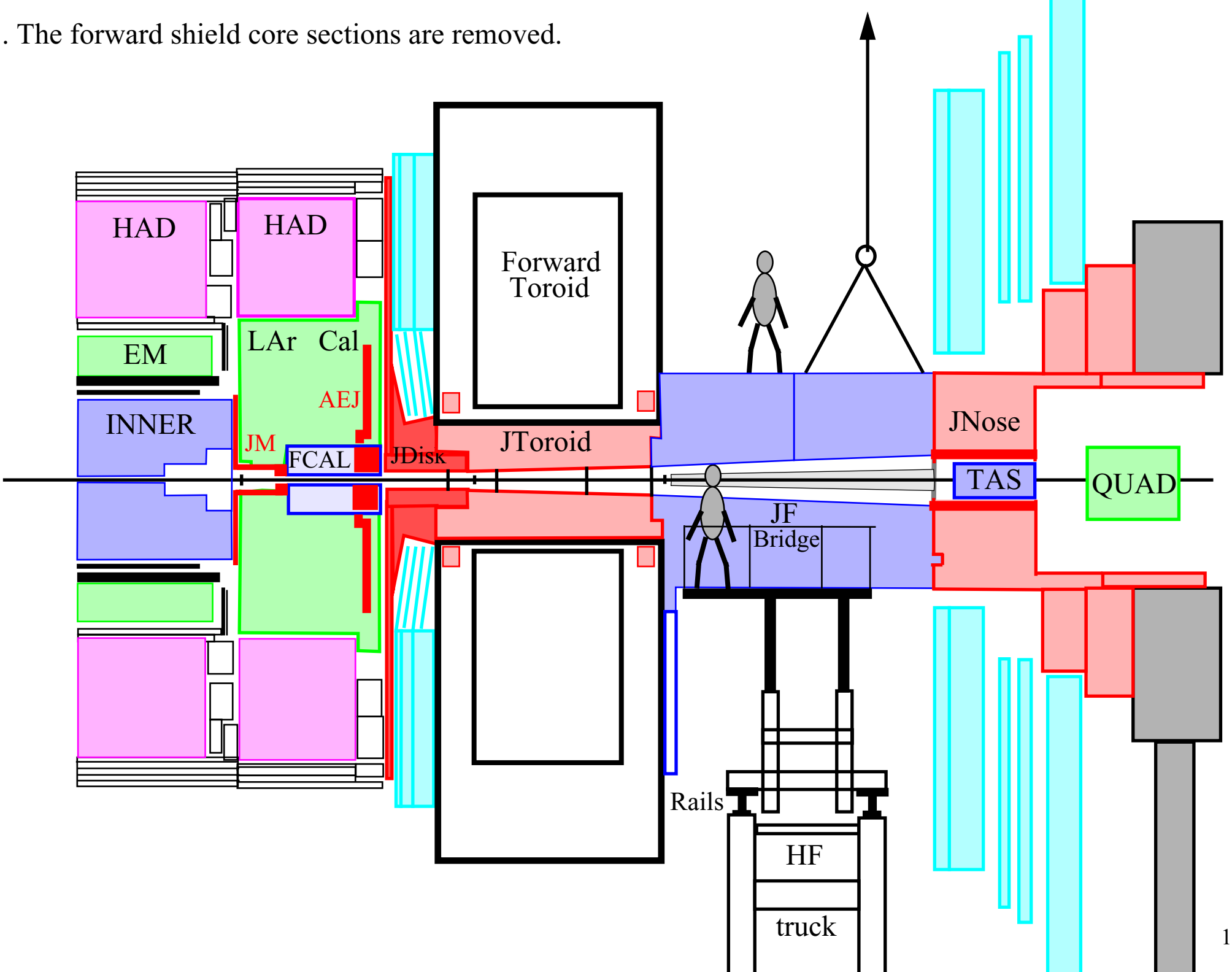
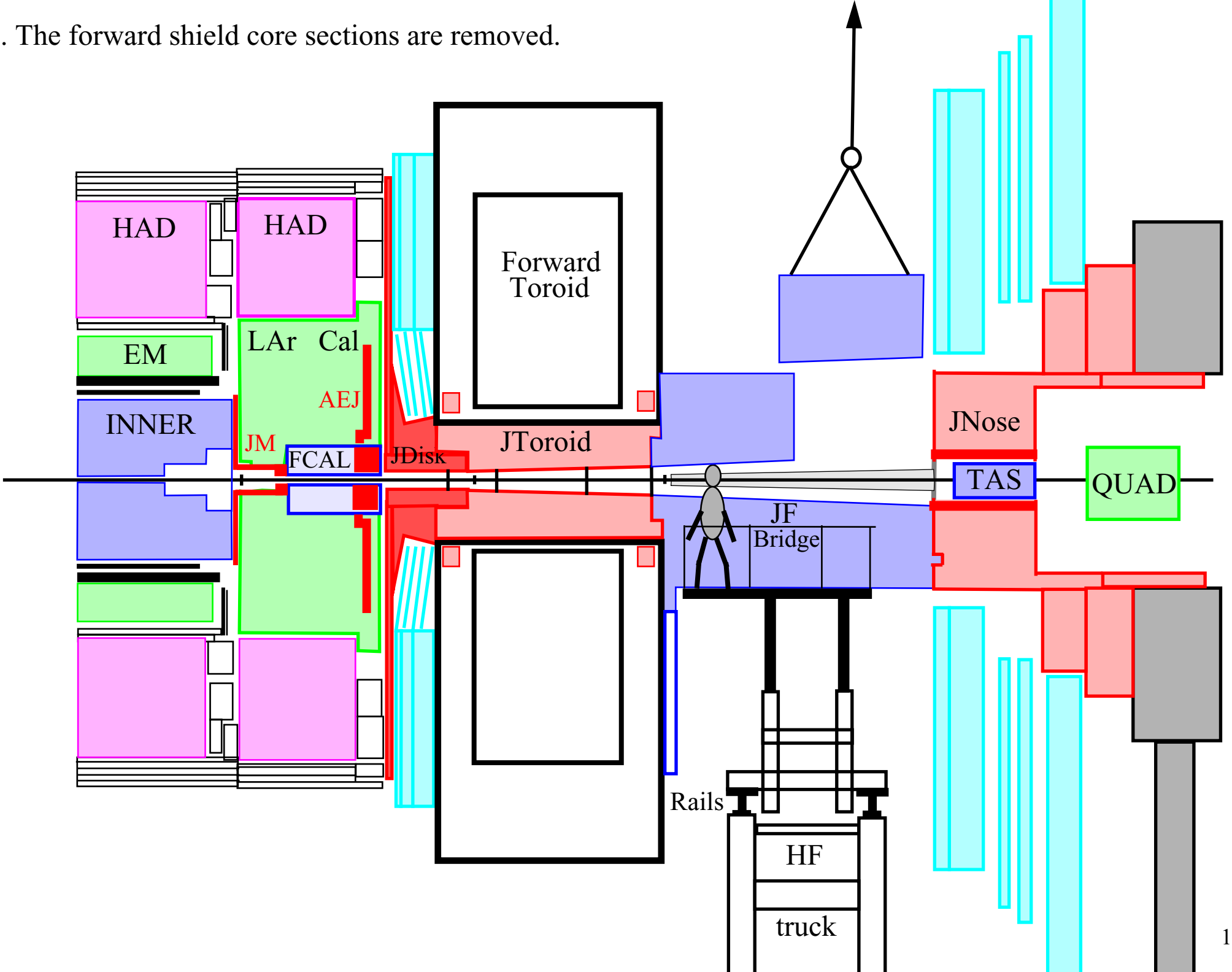


3. The forward shield core sections are removed.



3. The forward shield core sections are removed.



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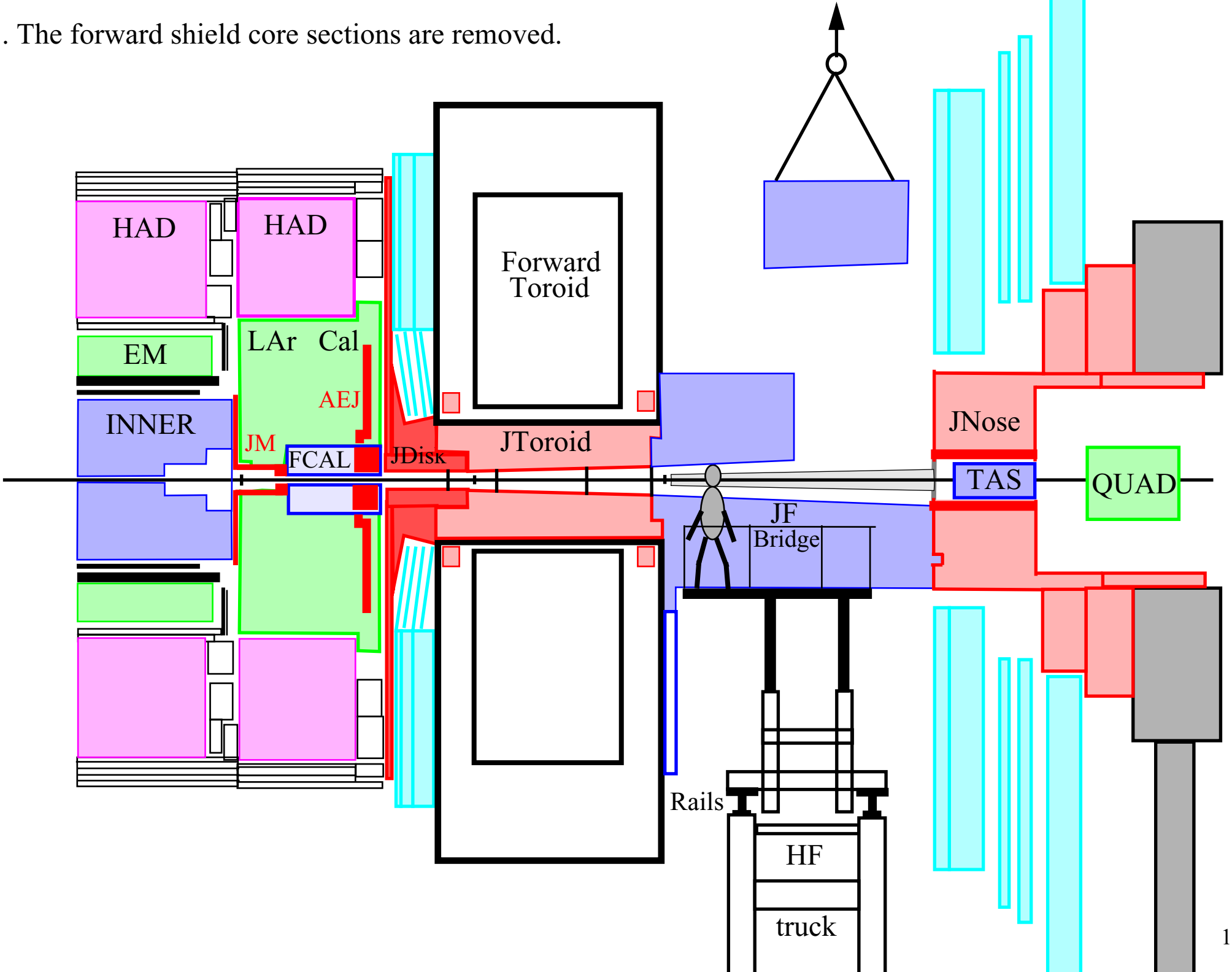

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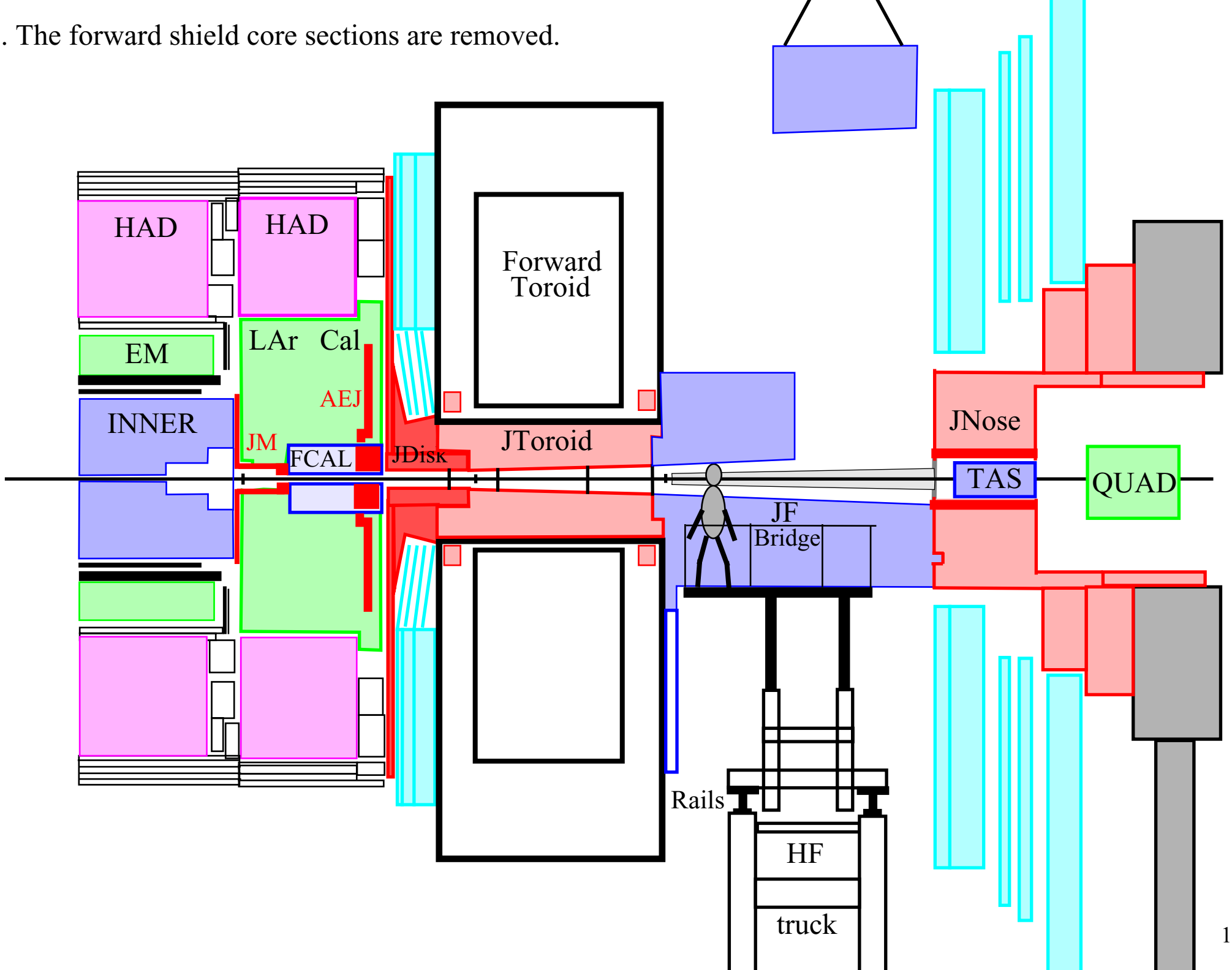
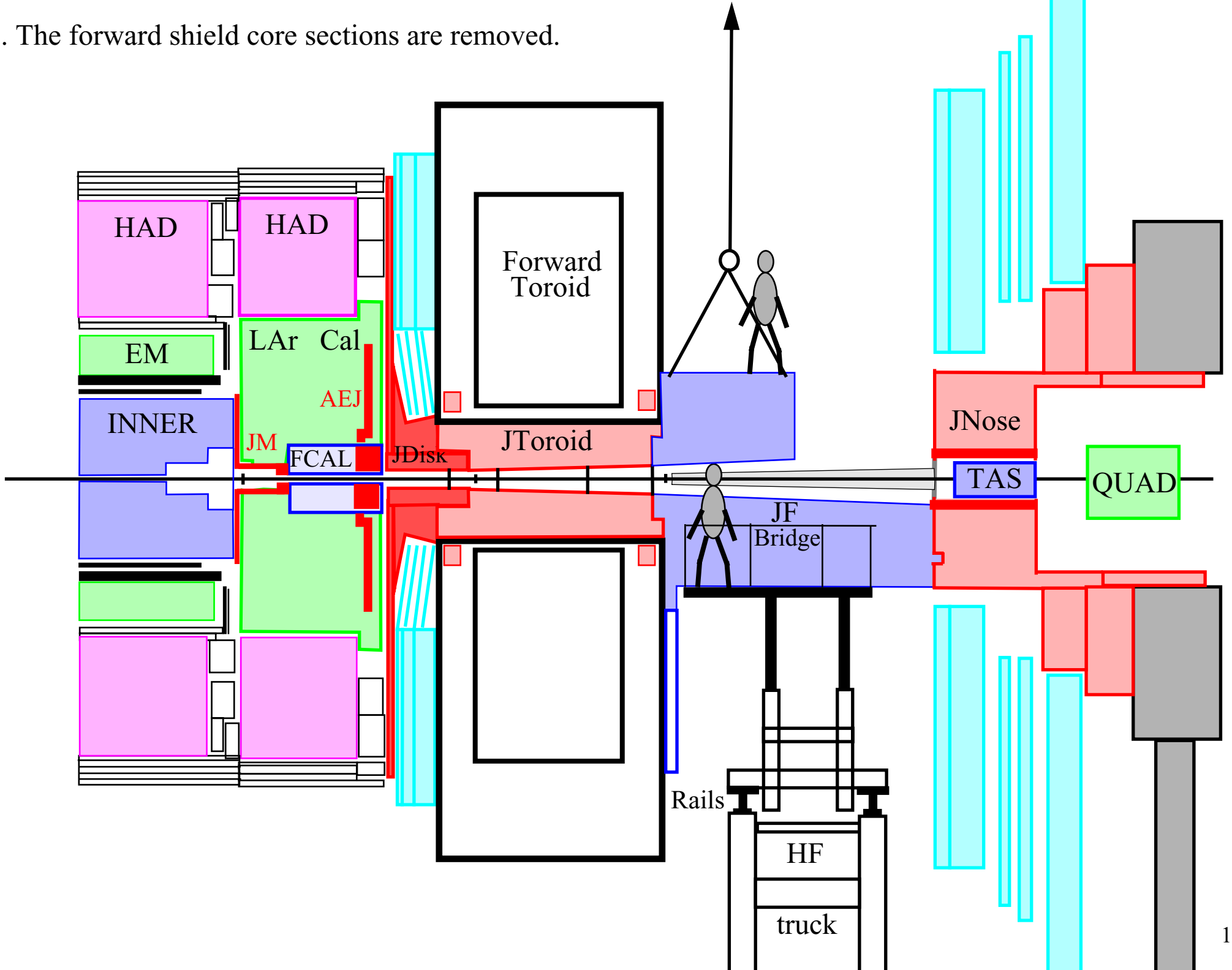


3. The forward shield core sections are removed.



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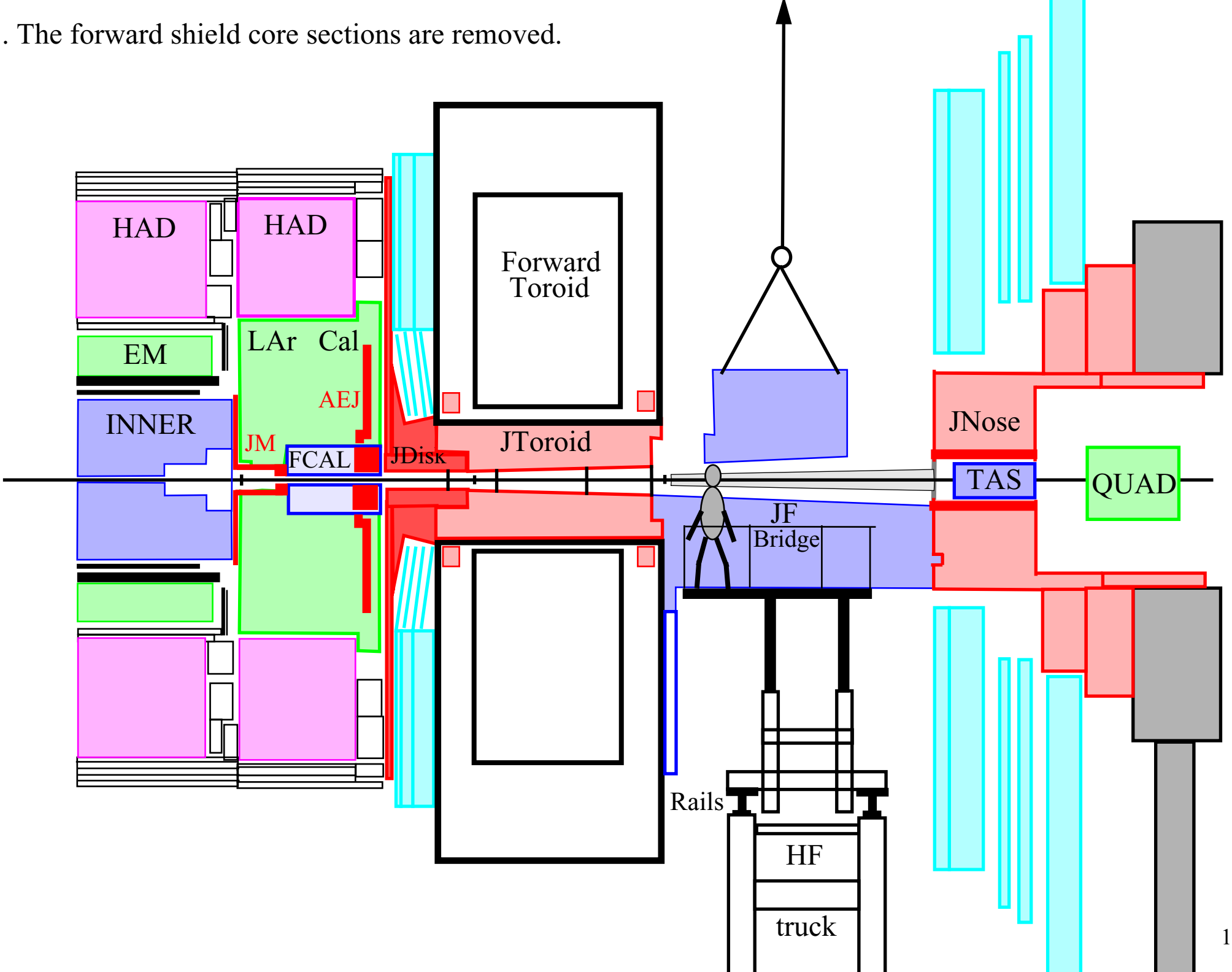

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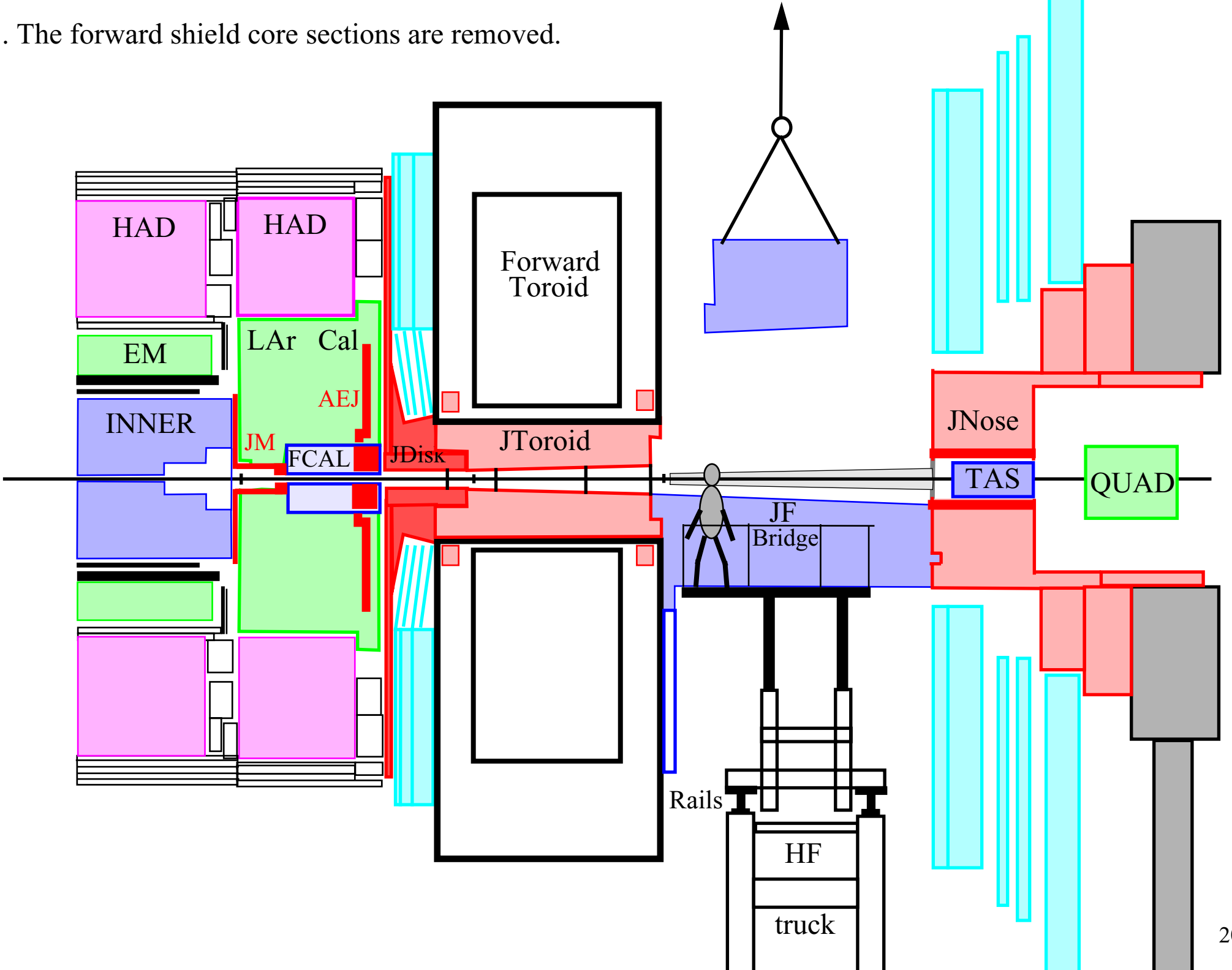
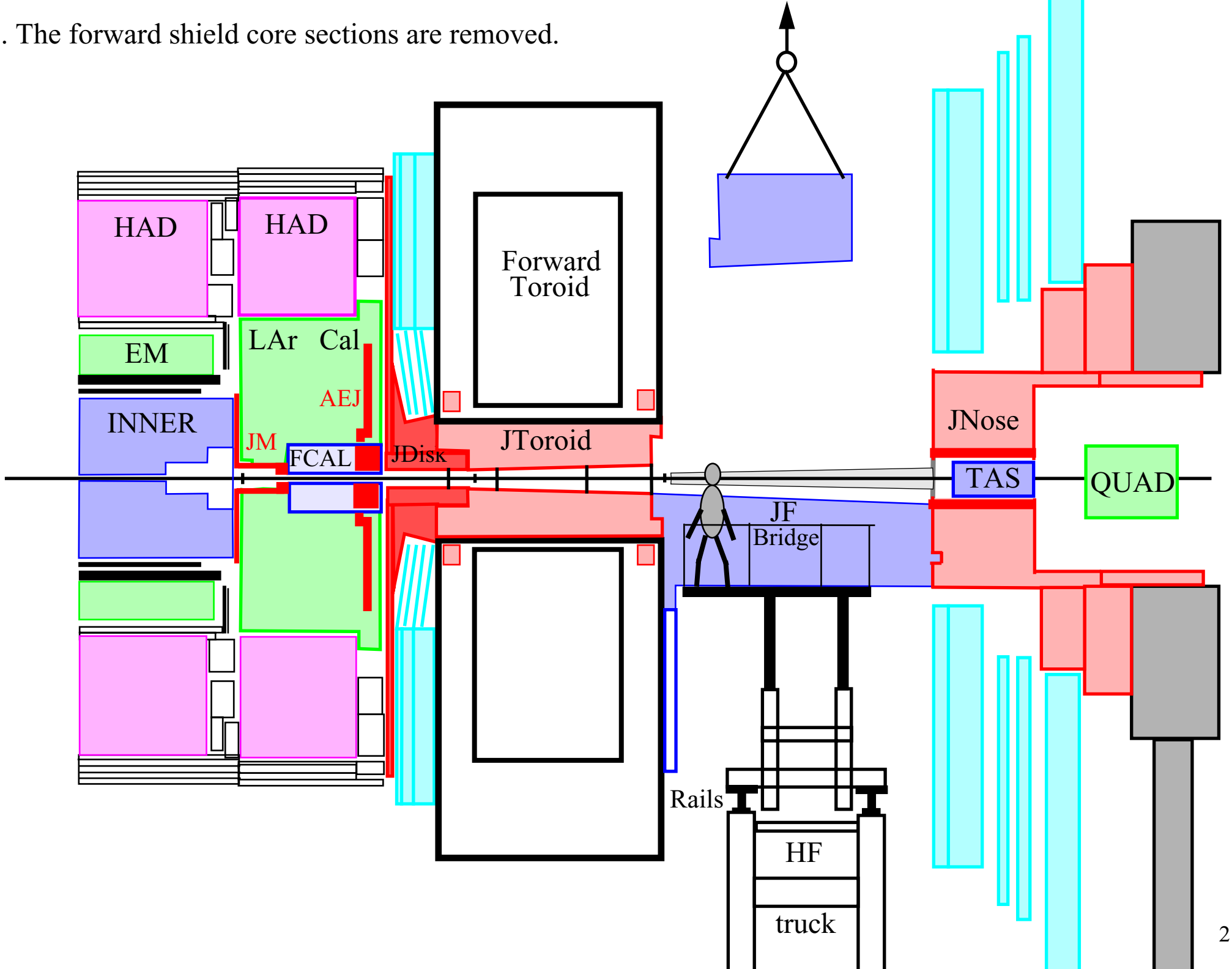
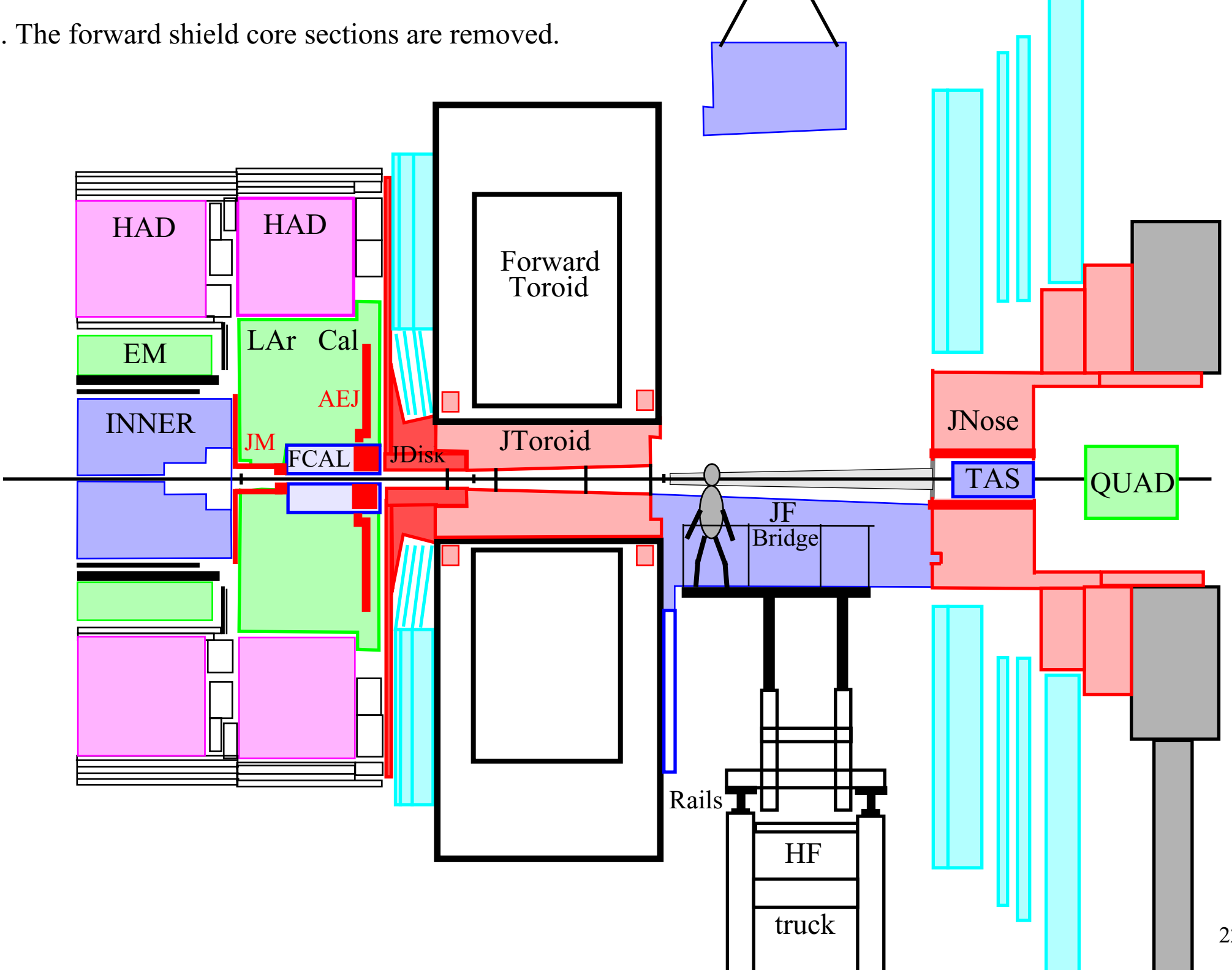


3. The forward shield core sections are removed.



3. The forward shield core sections are removed.



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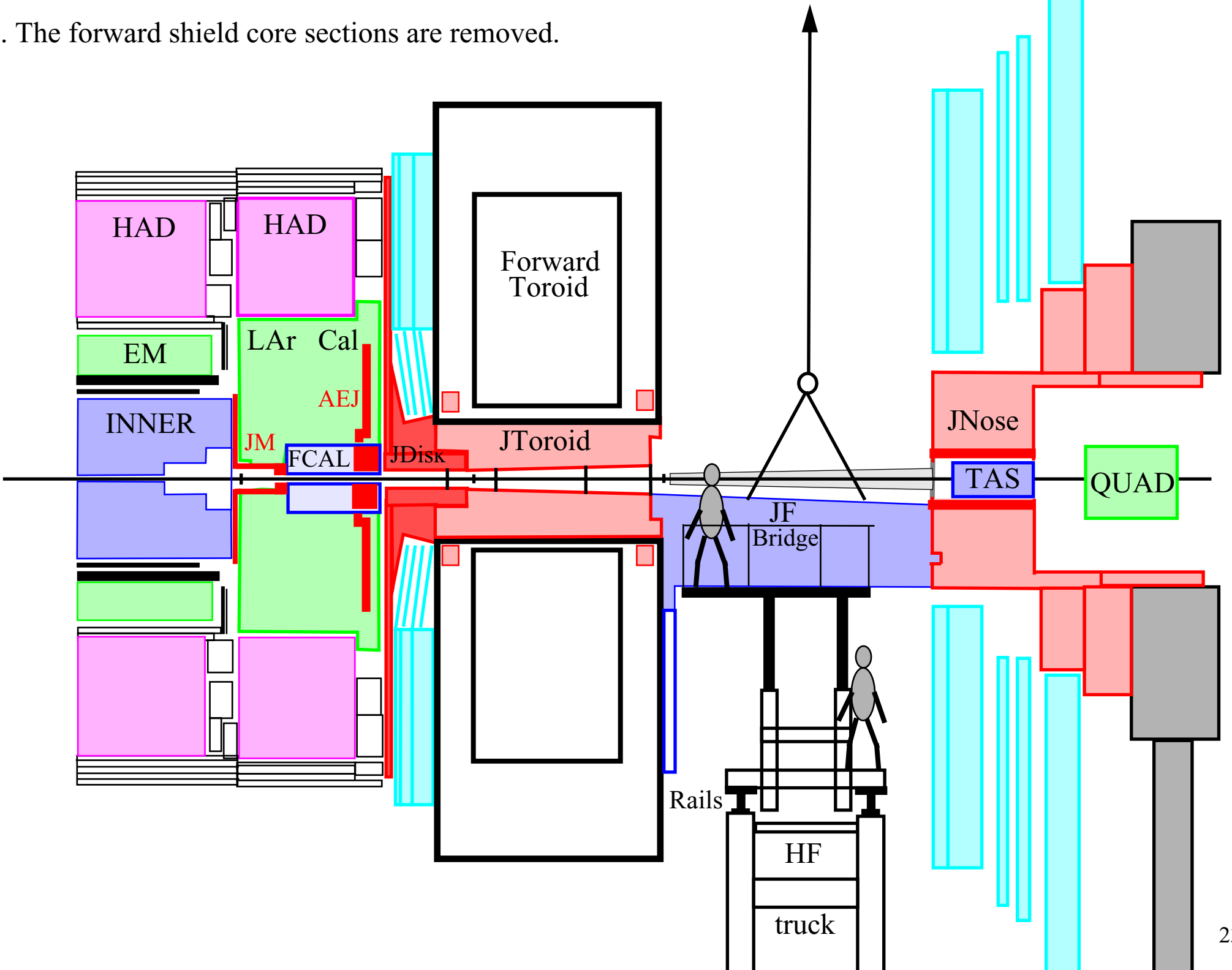

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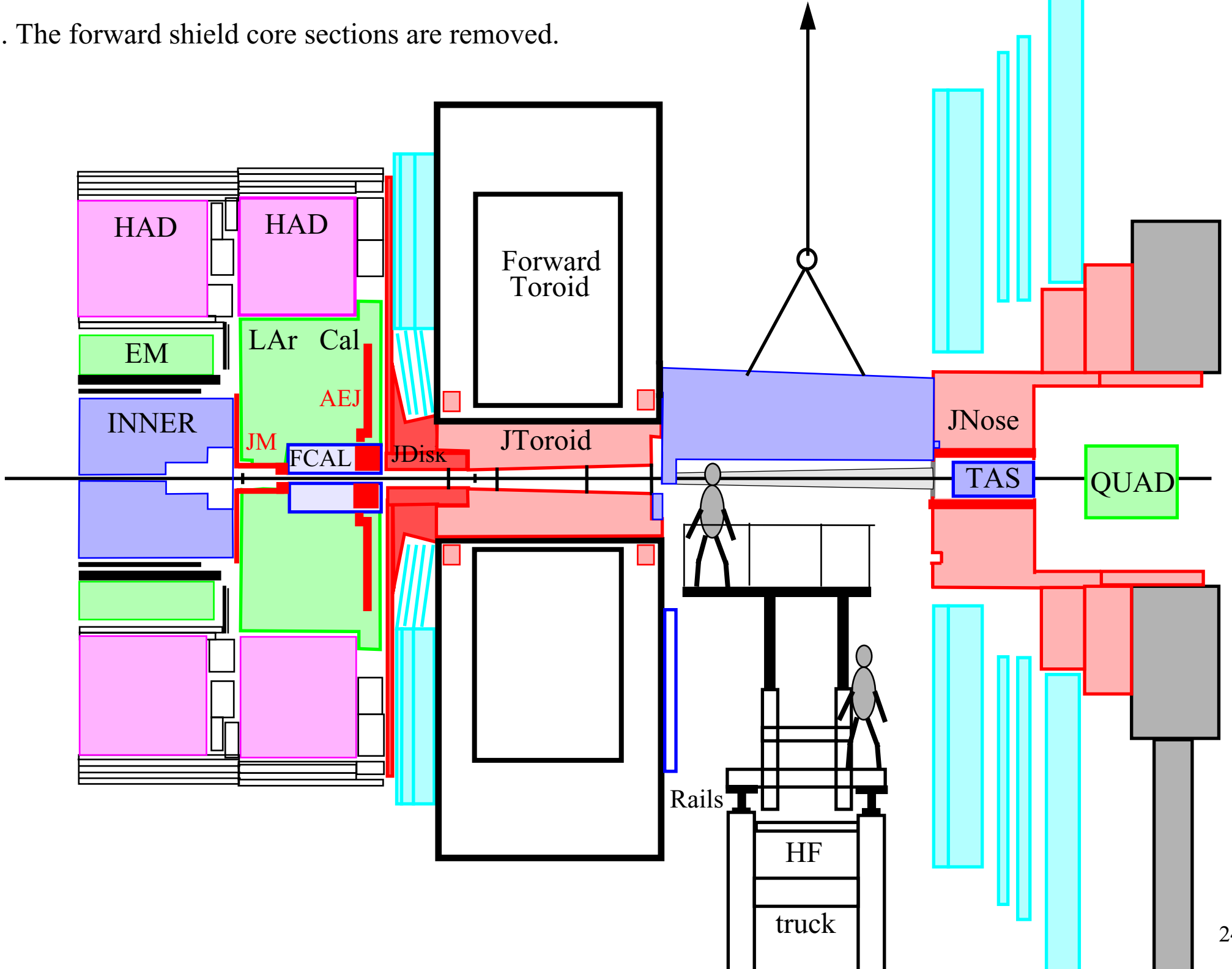

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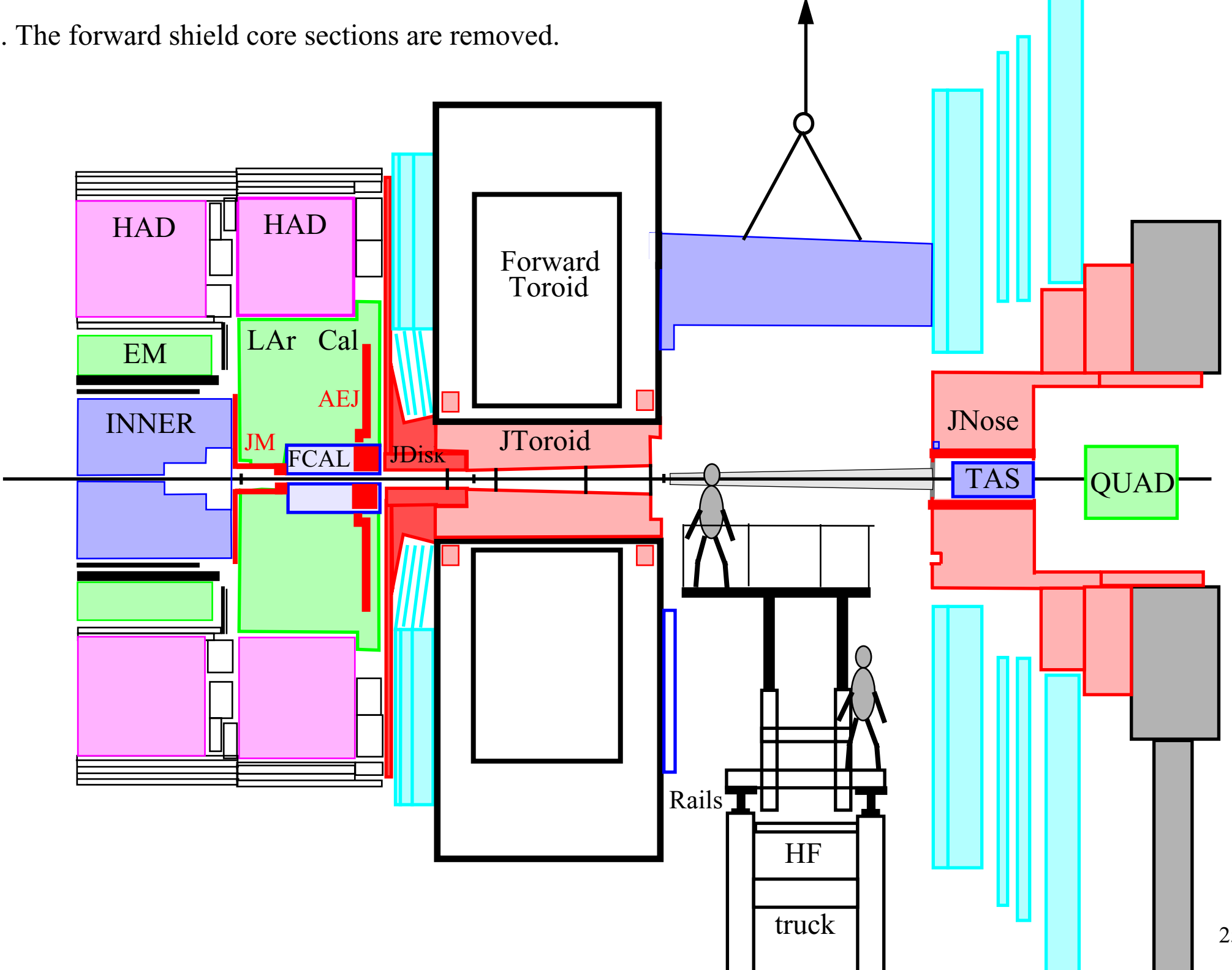

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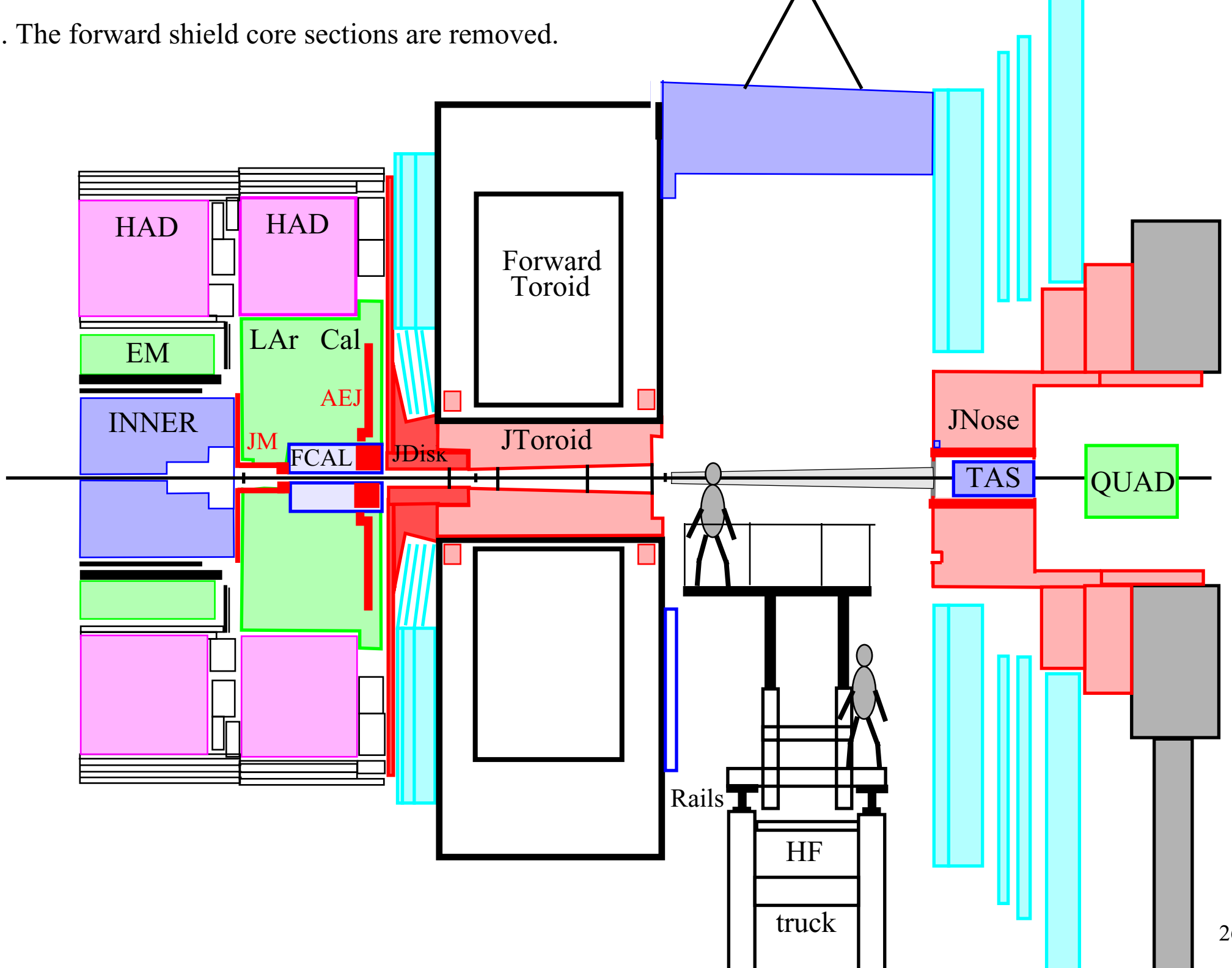
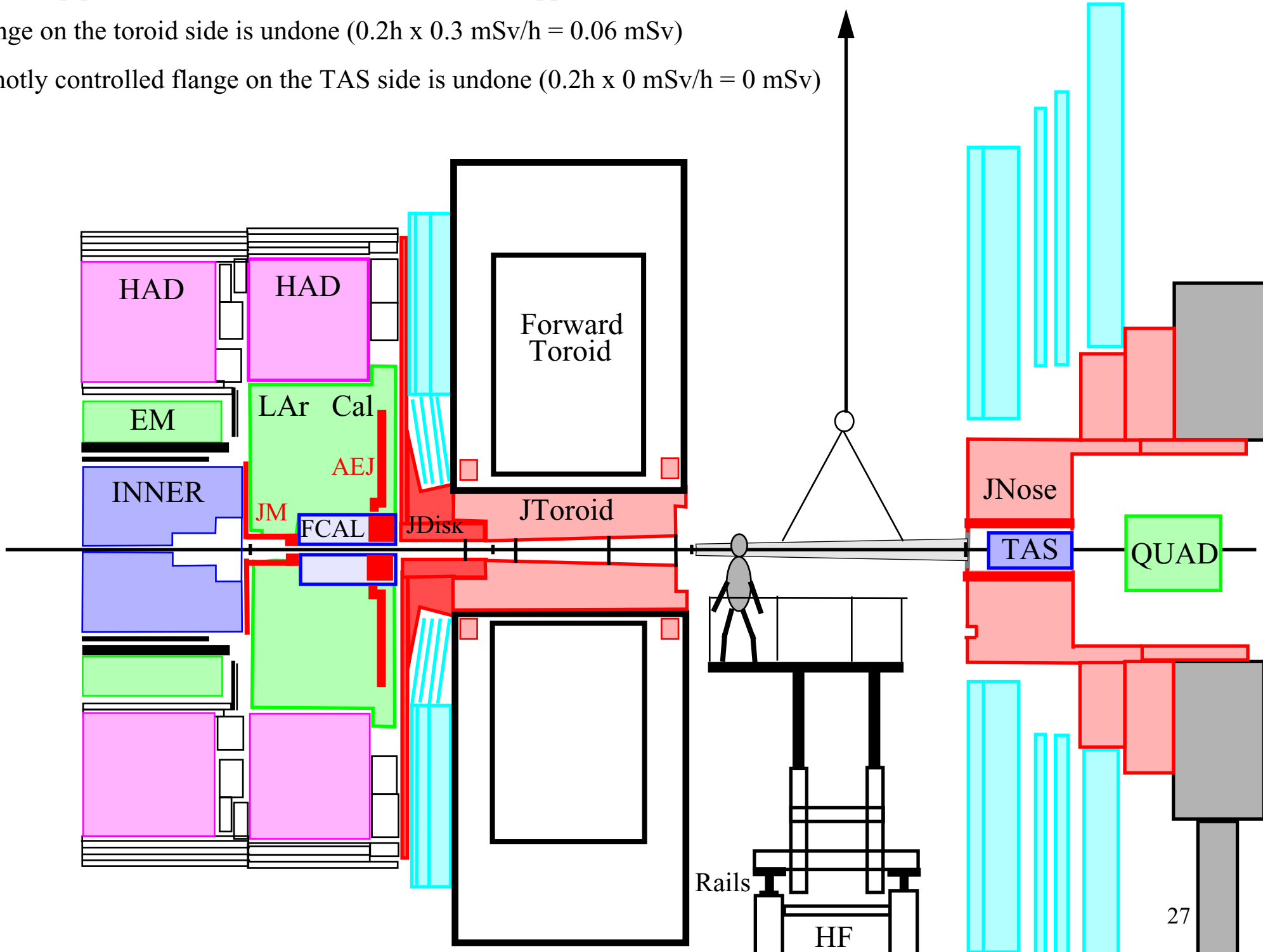


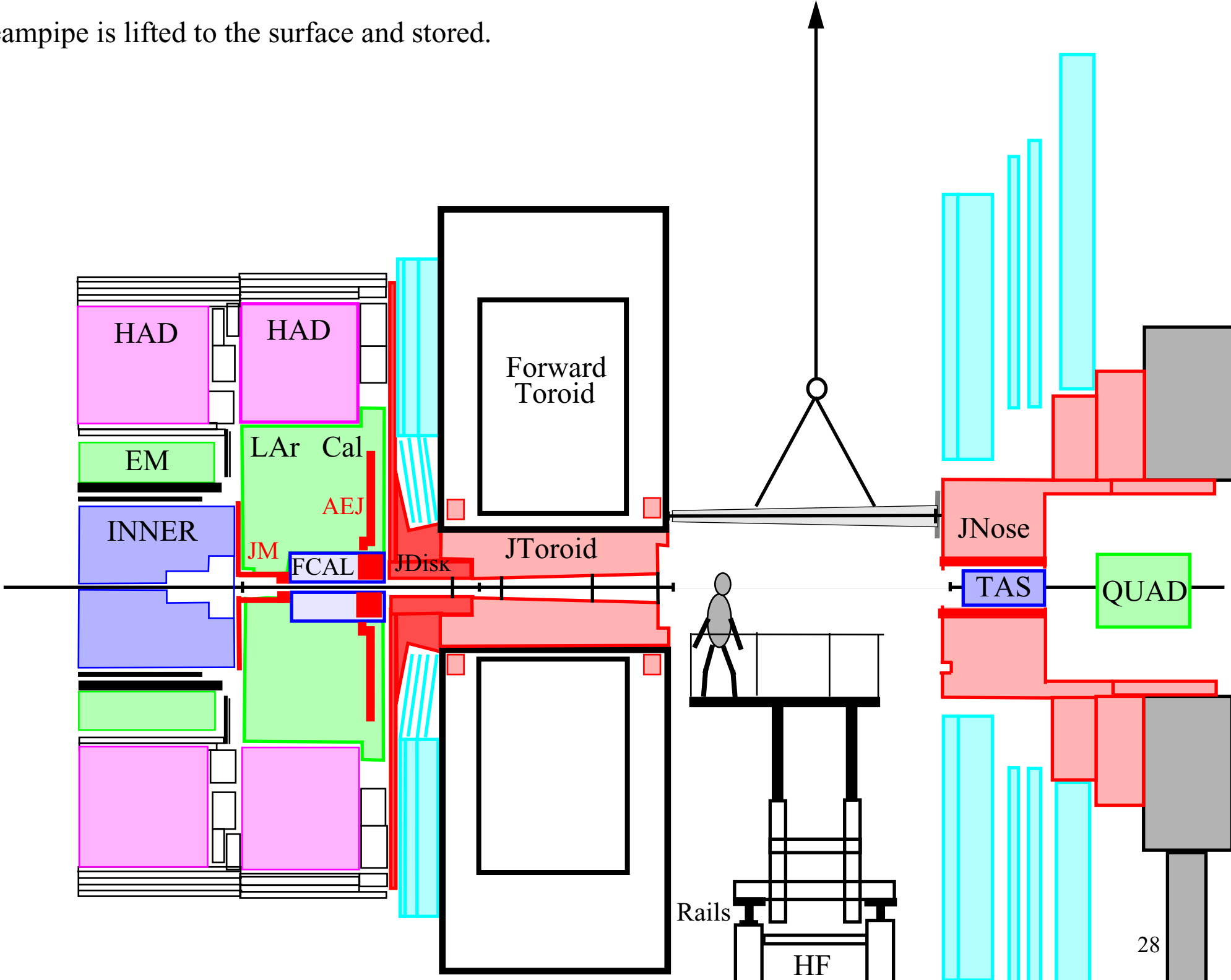
4. The VJ beampipe is attached to the crane or to another support (0.1h x 0.2 mSv/h = 0.02 mSv)

5. The flange on the toroid side is undone (0.2h x 0.3 mSv/h = 0.06 mSv)

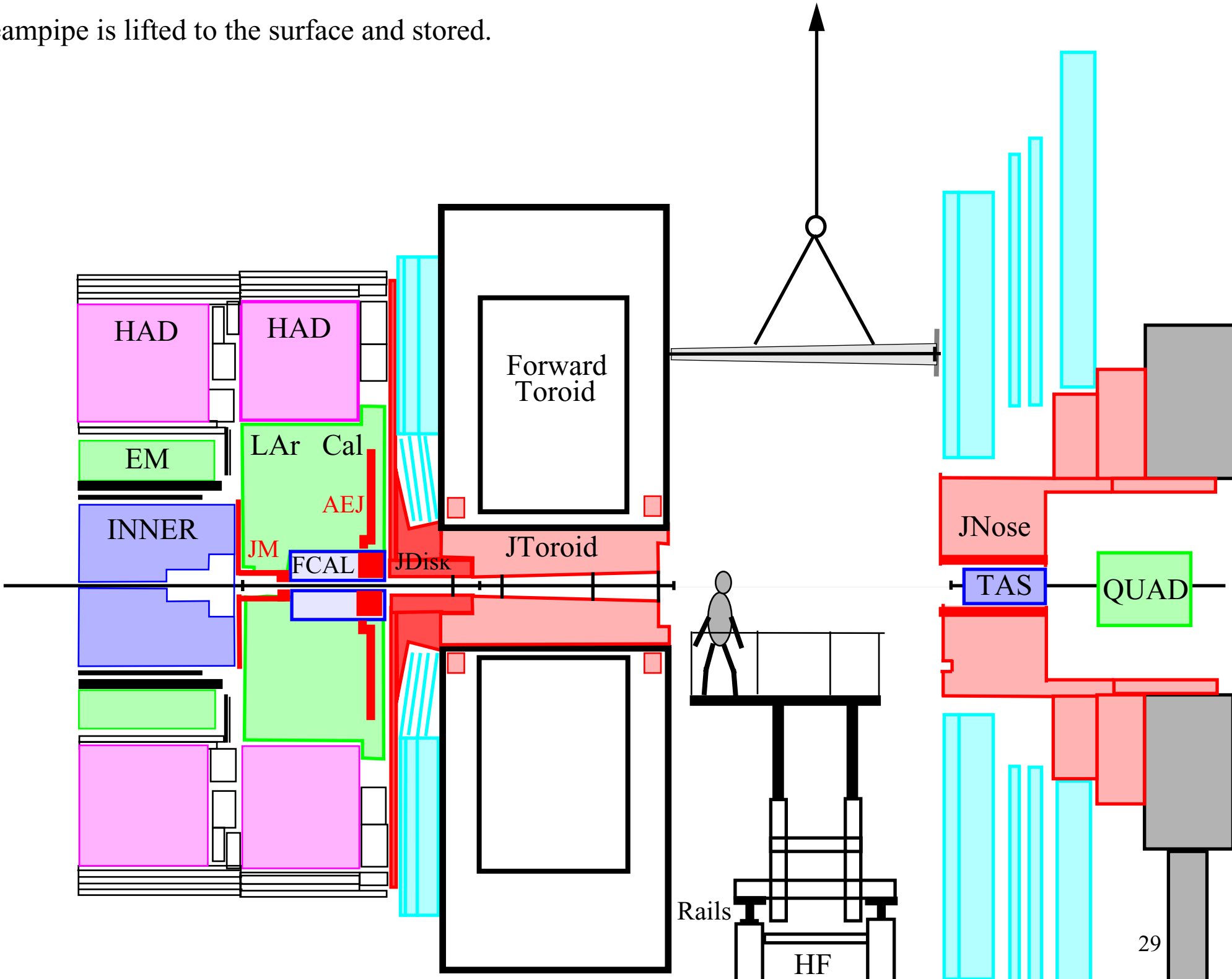
6. The remotly controlled flange on the TAS side is undone (0.2h x 0 mSv/h = 0 mSv)



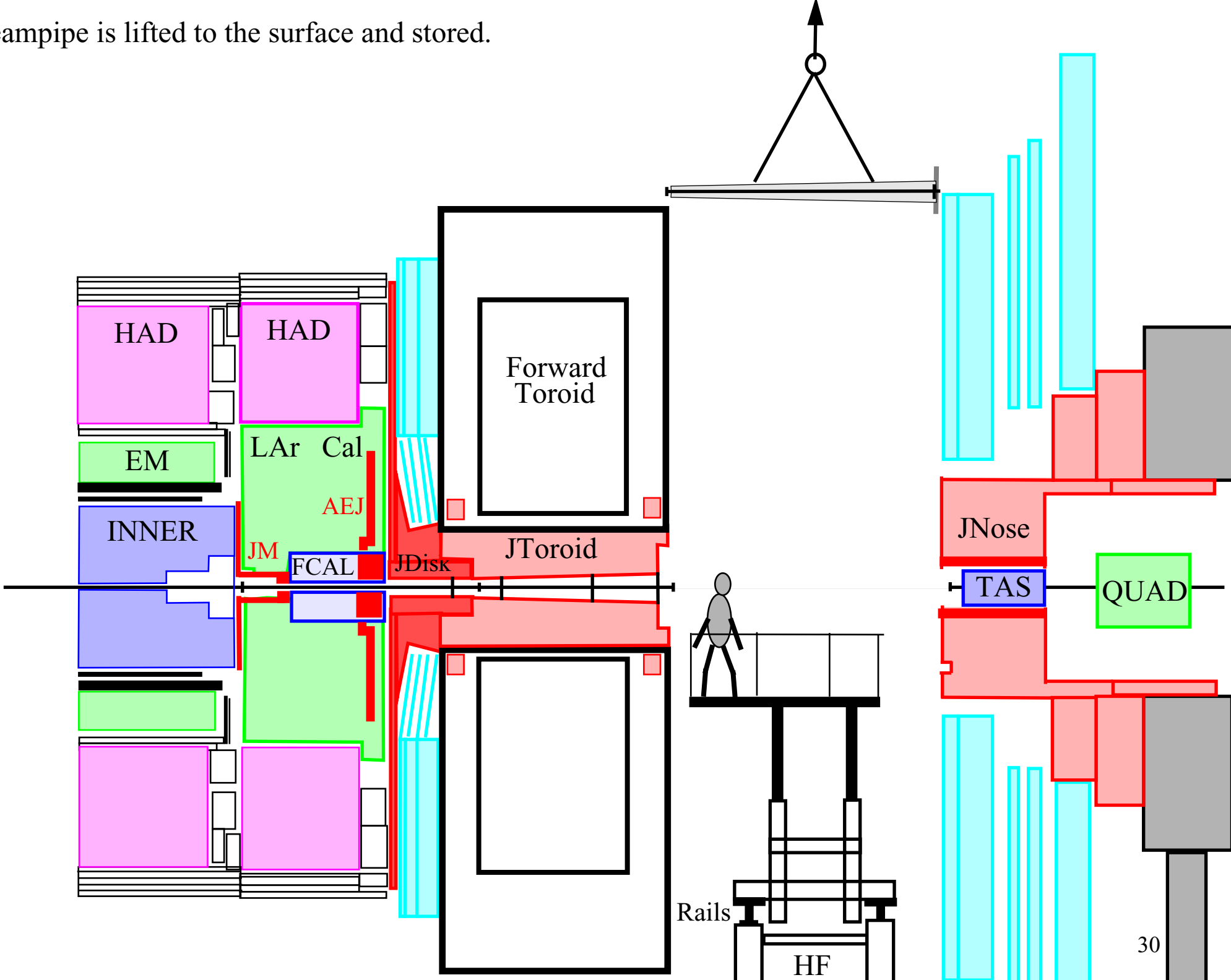
7. The beampipe is lifted to the surface and stored.



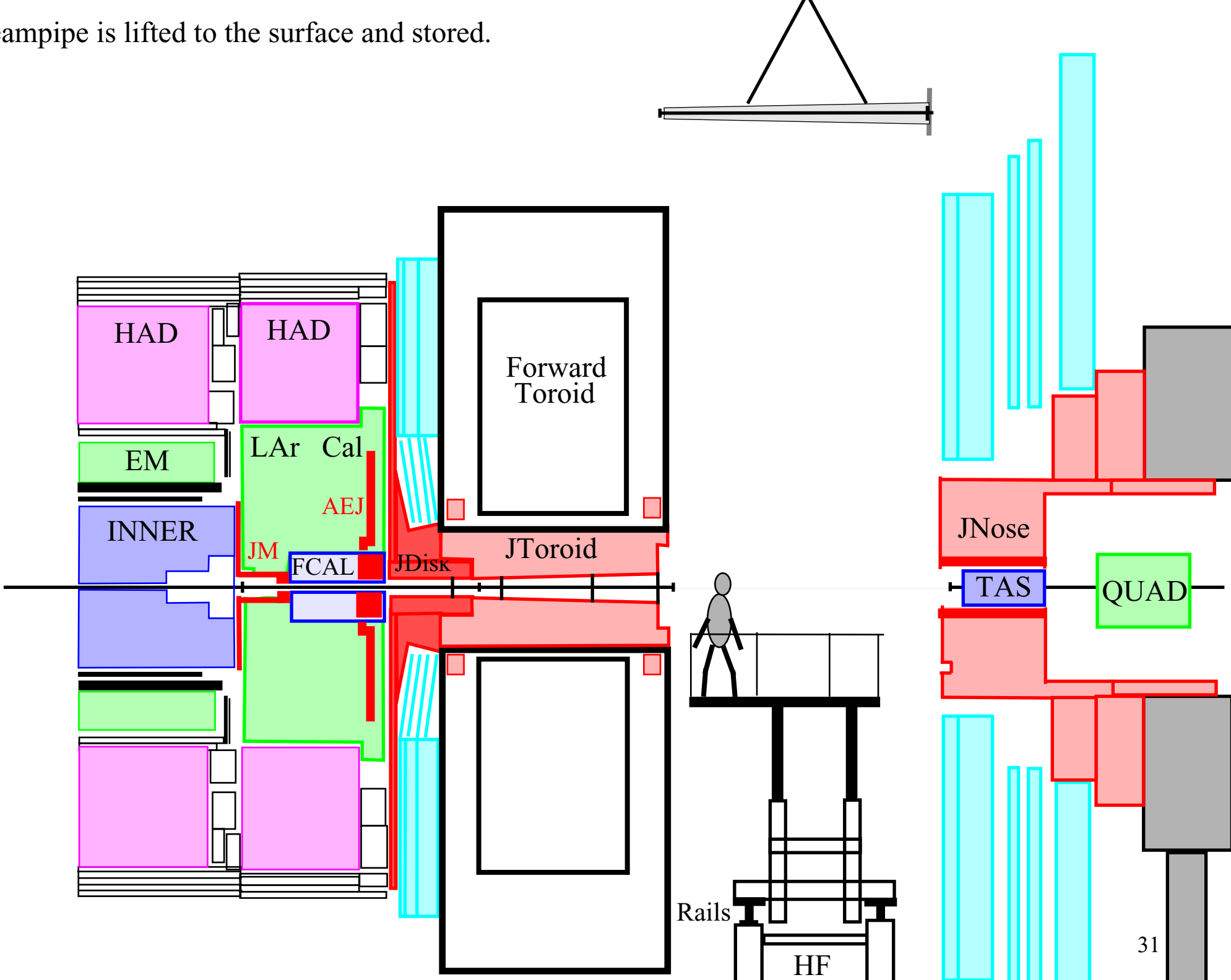
7. The beampipe is lifted to the surface and stored.



7. The beampipe is lifted to the surface and stored.

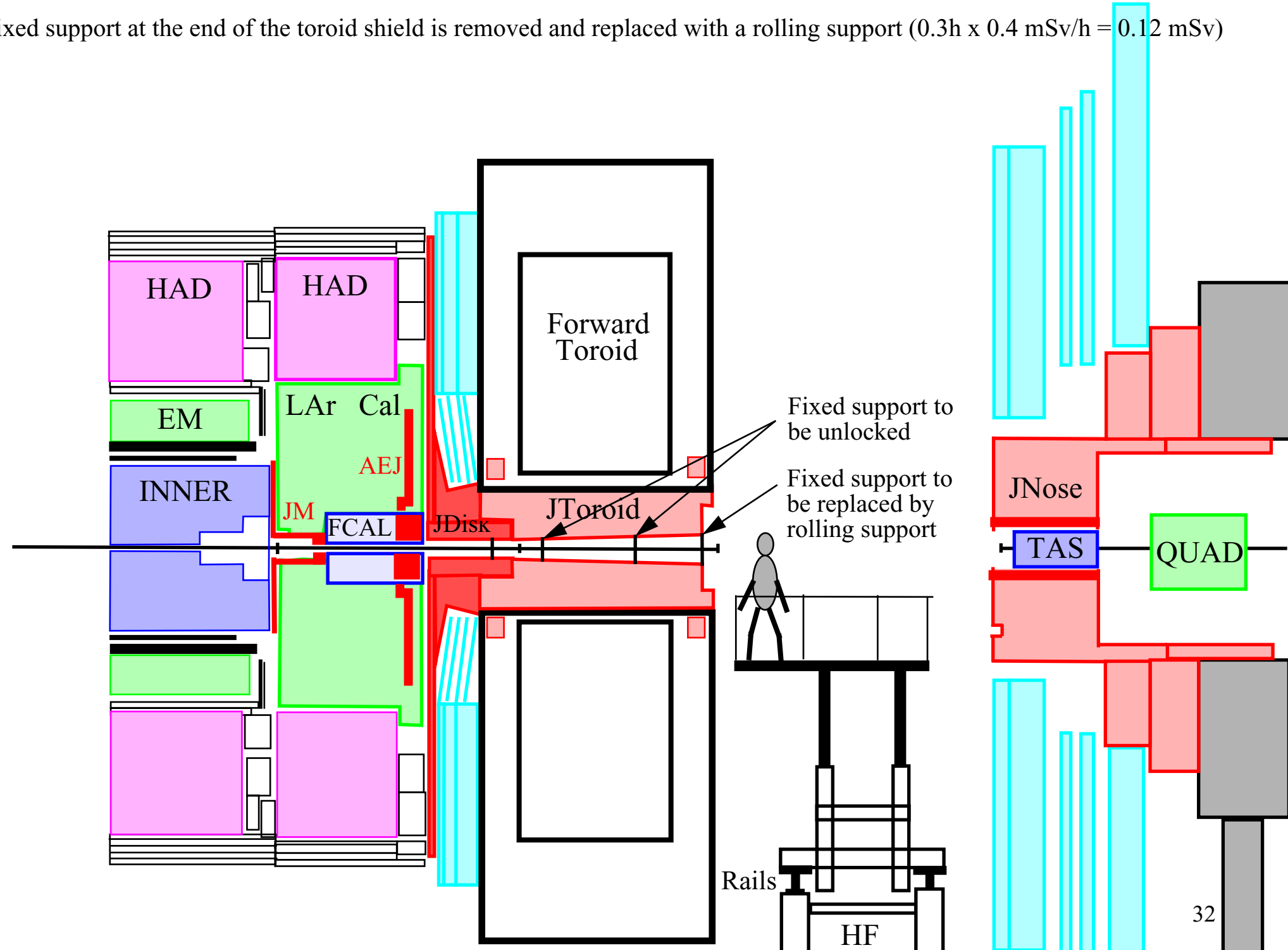


7. The beampipe is lifted to the surface and stored.

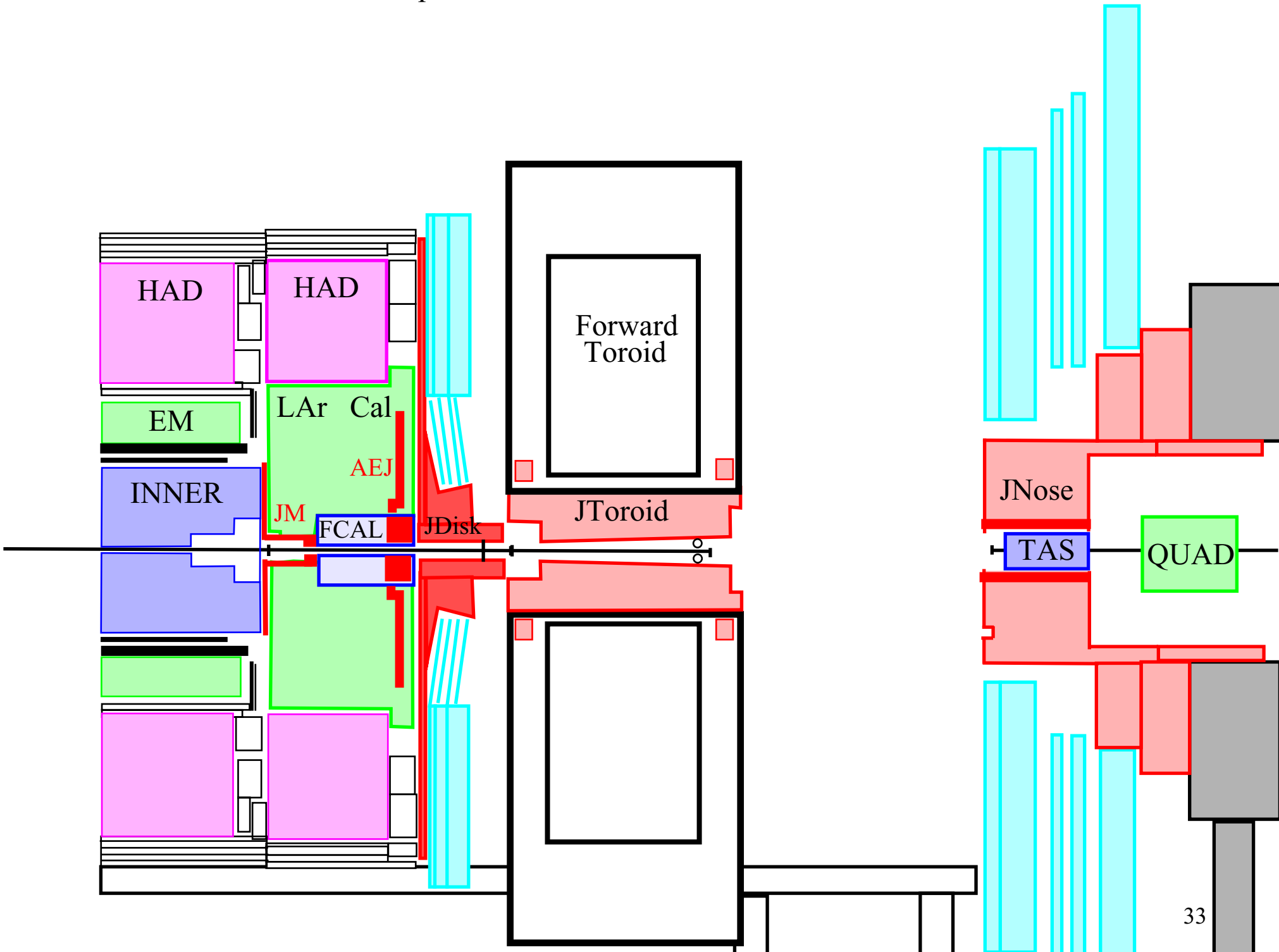


8. The two fixed supports inside the toroid shielding are unlocked (0.2h x 0.3 mSv/h = 0.06 mSv)

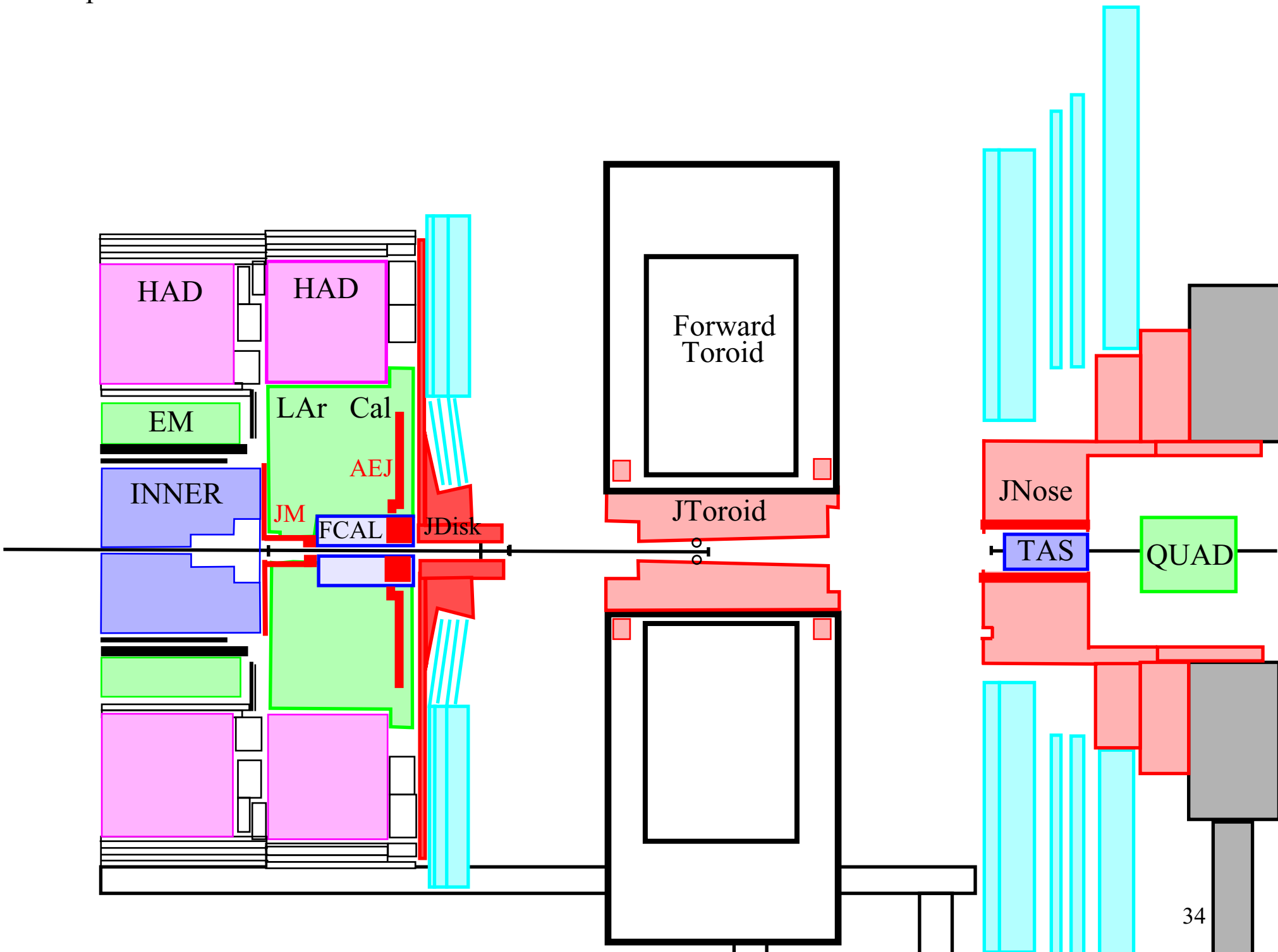
9. The fixed support at the end of the toroid shield is removed and replaced with a rolling support (0.3h x 0.4 mSv/h = 0.12 mSv)



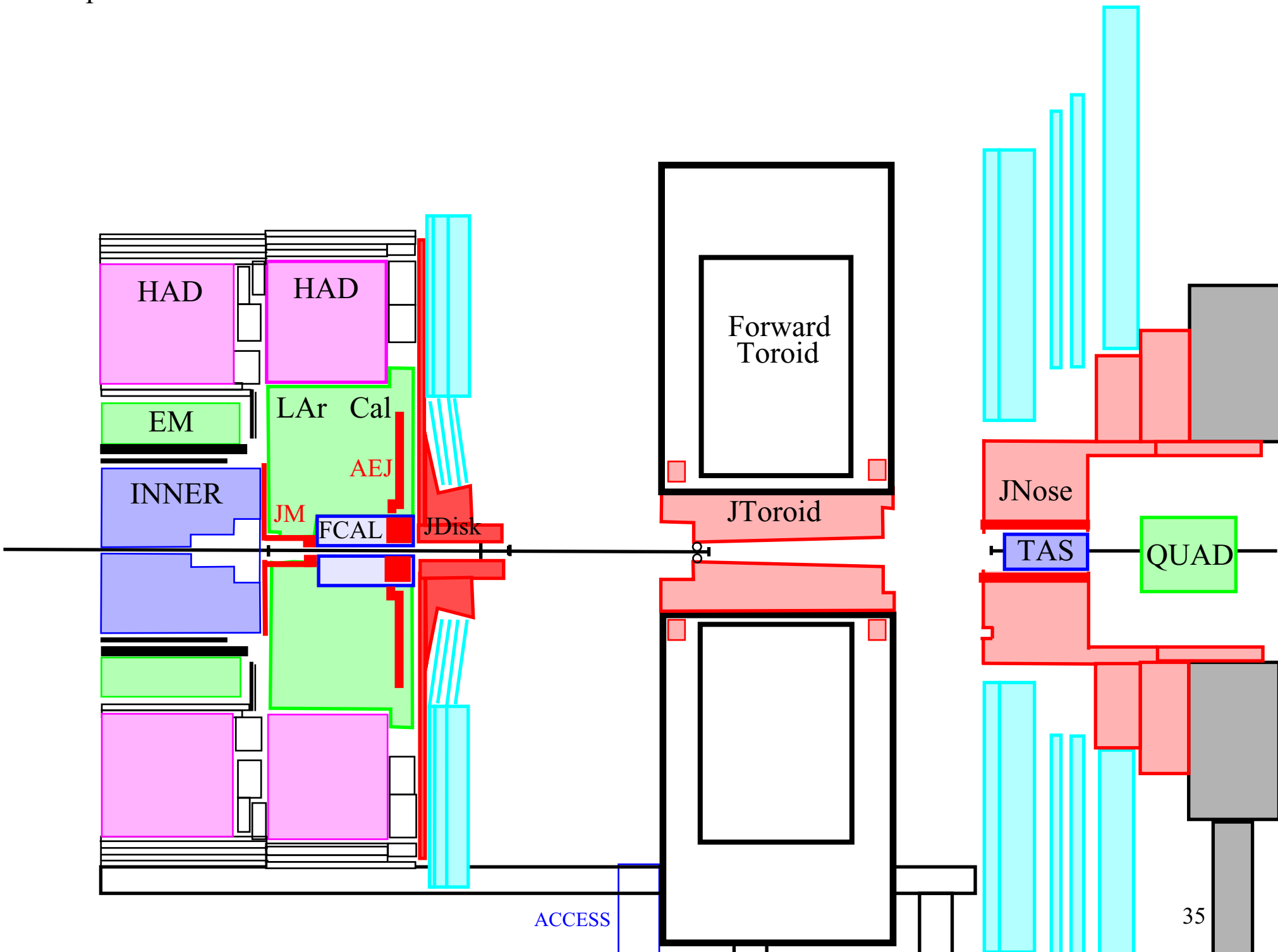
10. The HF truck is rotated and the endcap toroid is moved forward onto it.



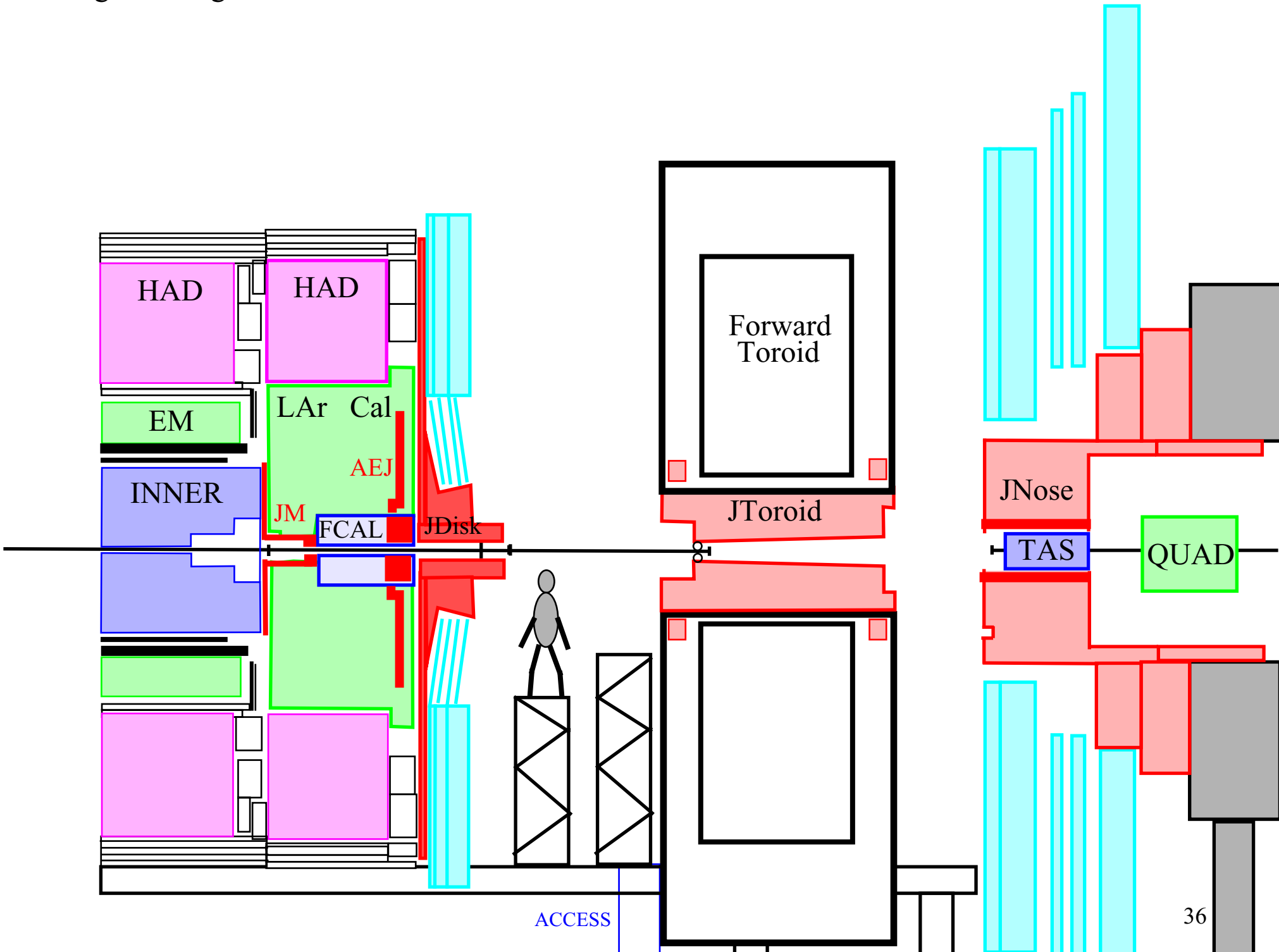
10. The endcap toroid is moved forward.



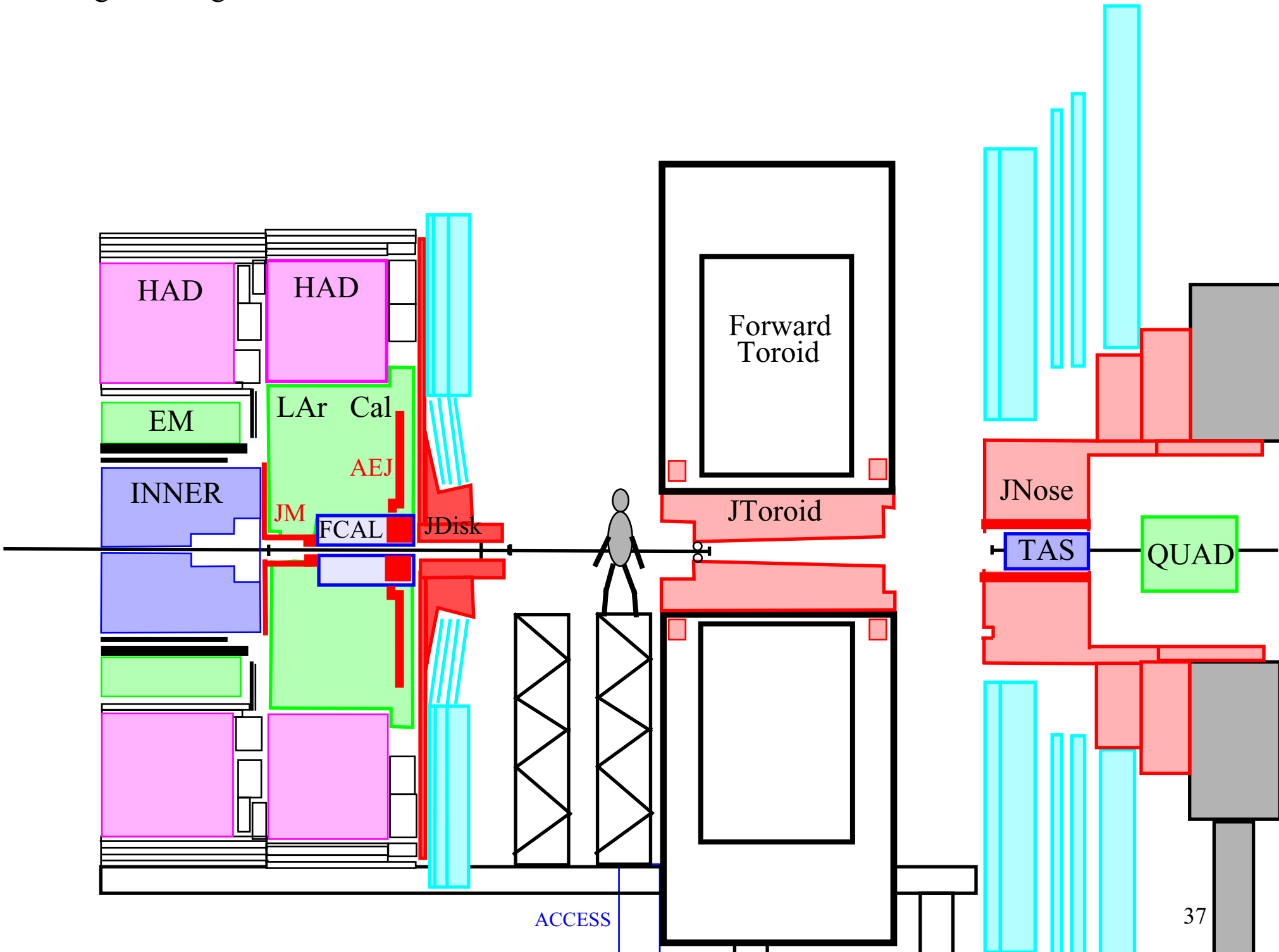
10. The endcap toroid is moved forward.



11. Scaffolding is beeing built.



11. Scaffolding is beeing built.



12. The VT beampipe is connected to a temporary support (0.2h x 0.2mSv/h = 0.04 mSv)

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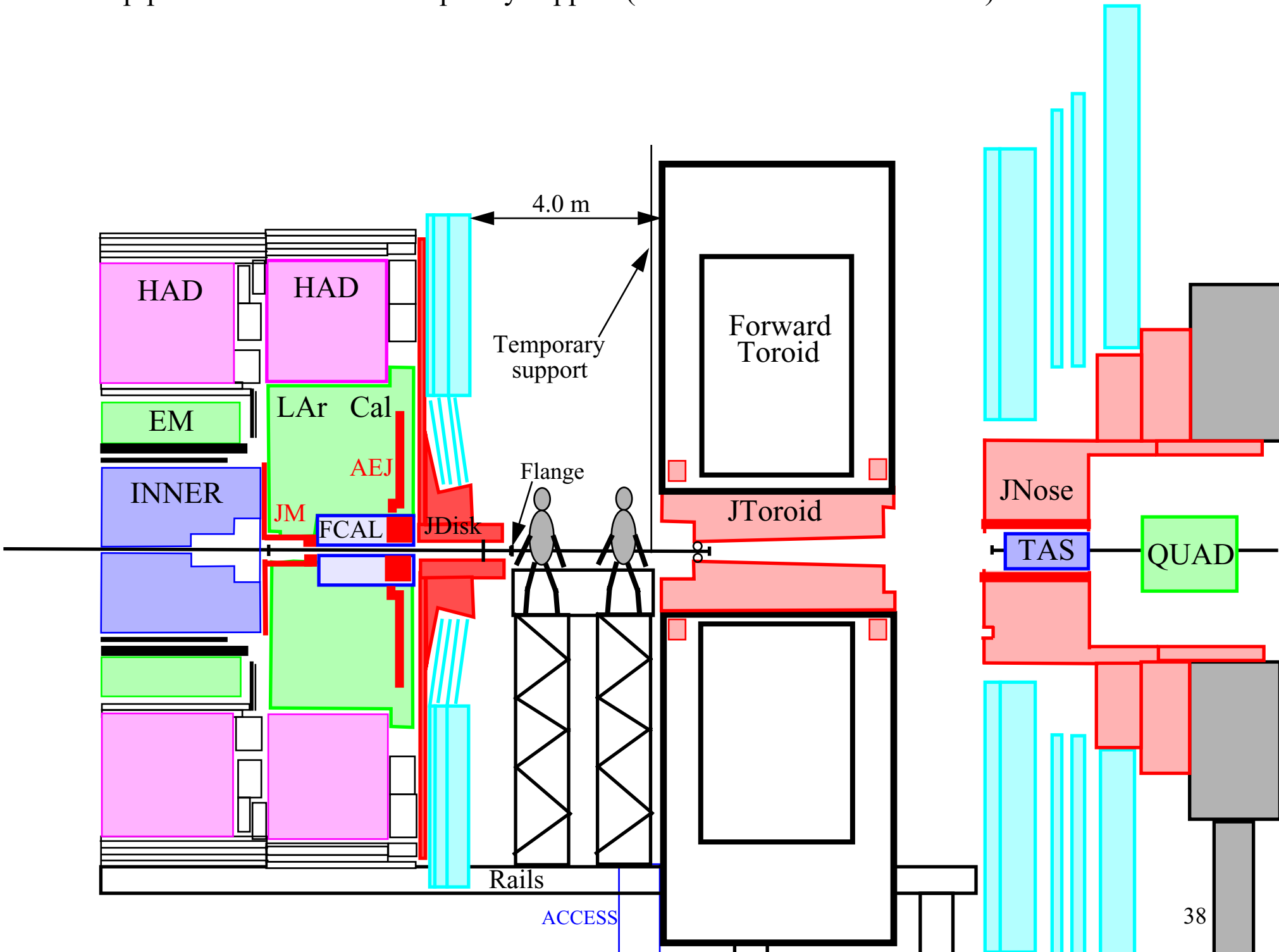
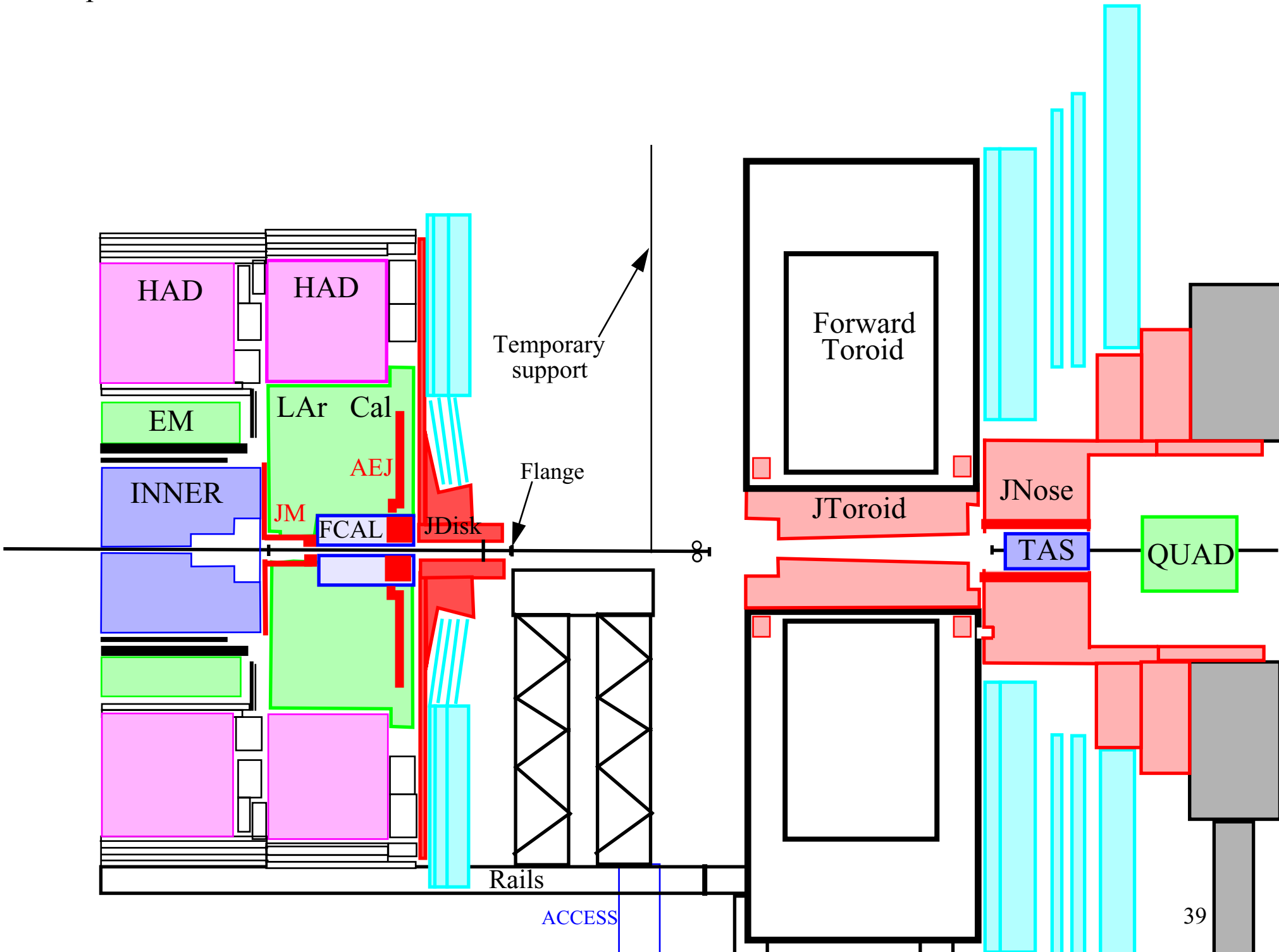
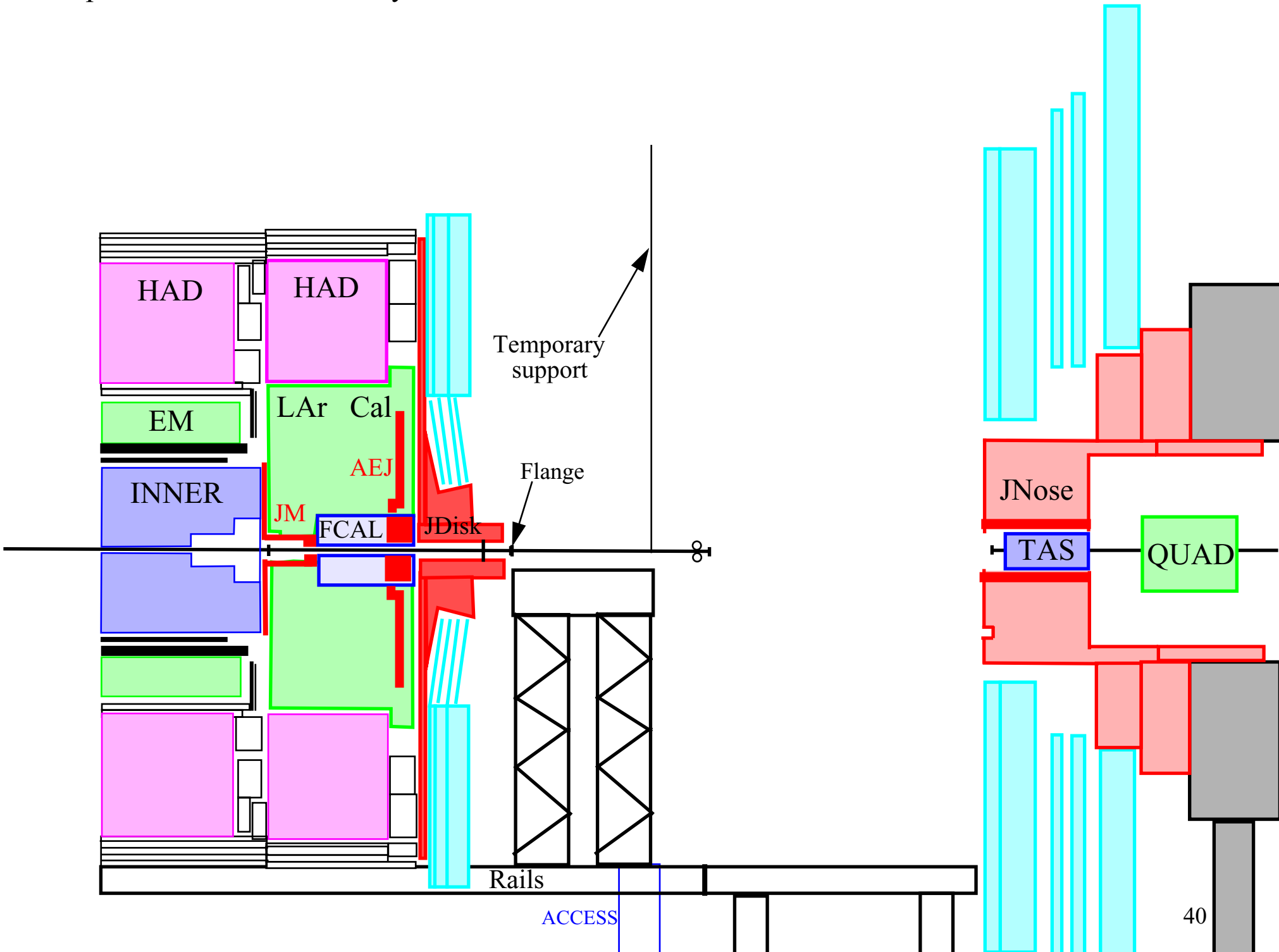


13. The endcap toroid is moved forward.

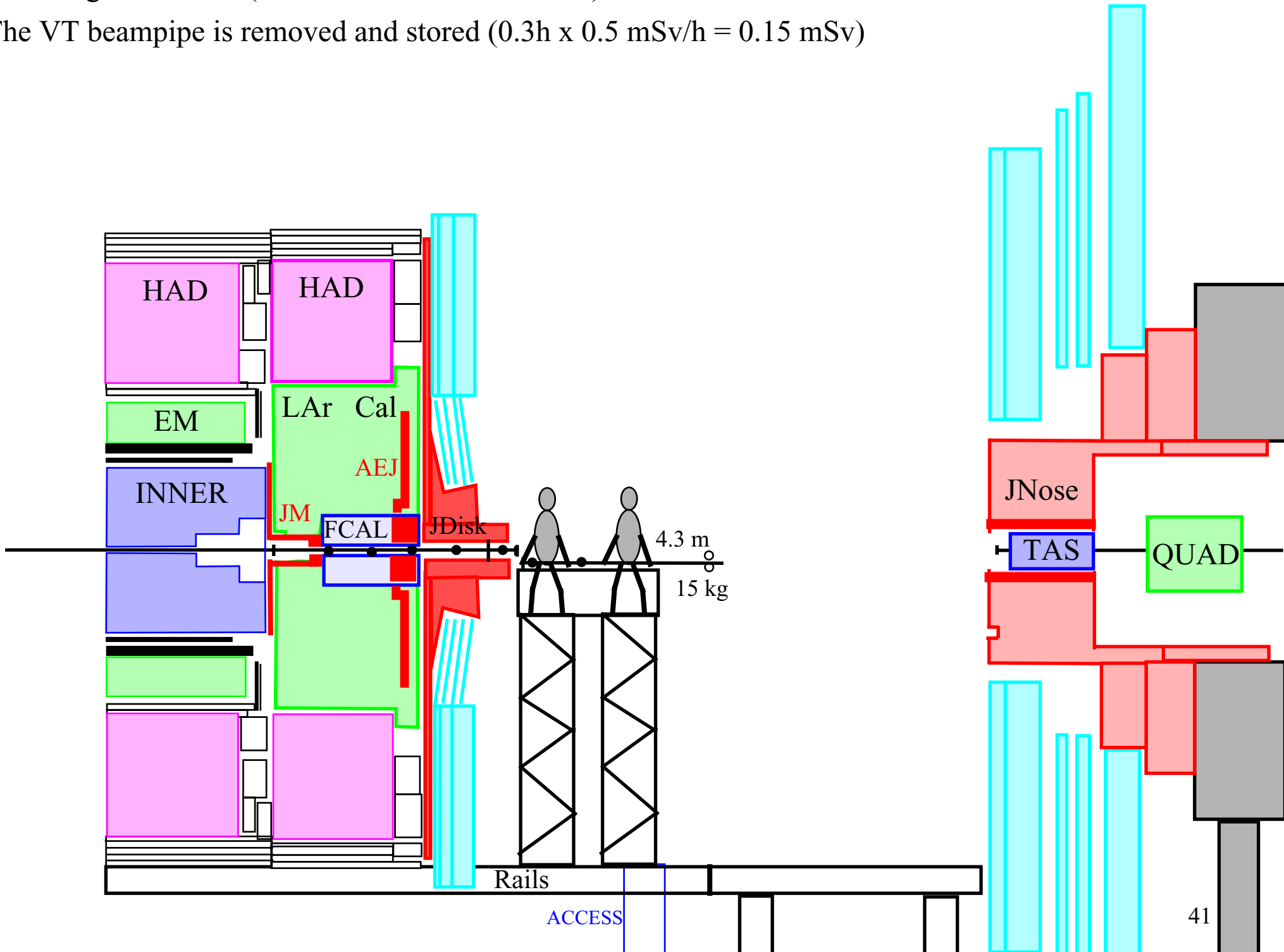


14. The endcap toroid is moved sideways.

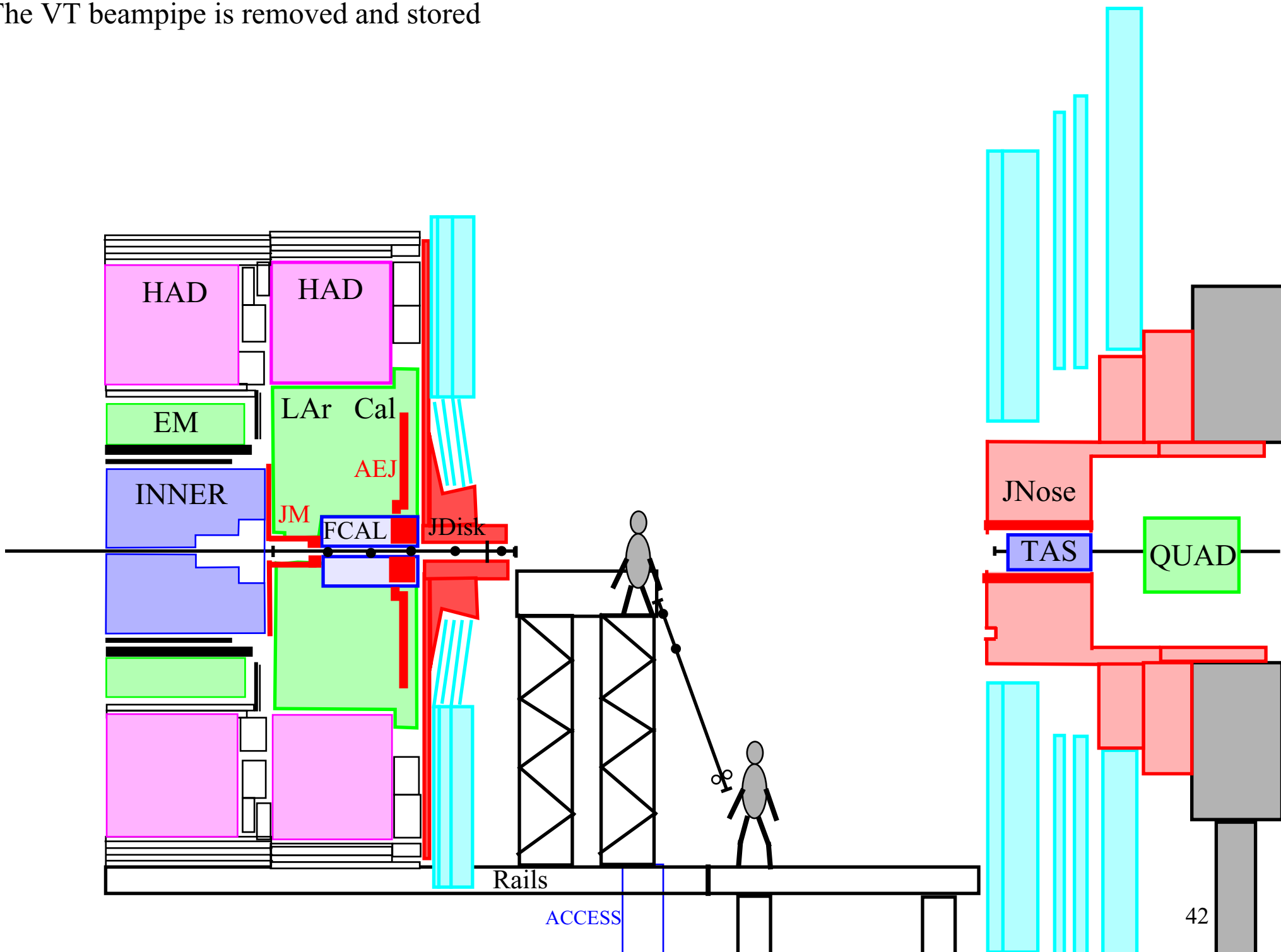


15. The flange is undone (0.2h x 0.5mSv/h = 0.1 mSv)

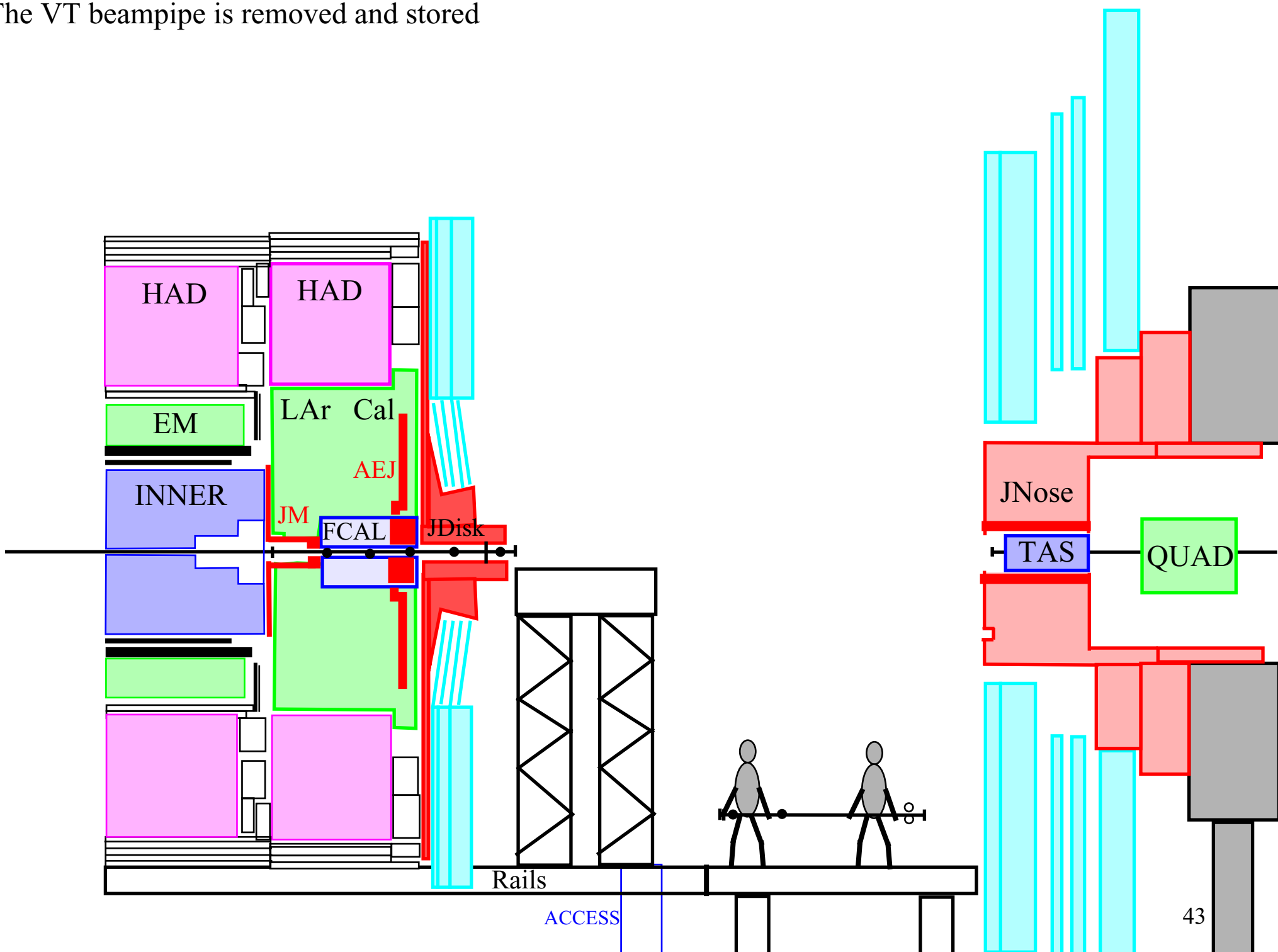
16. The VT beampipe is removed and stored (0.3h x 0.5 mSv/h = 0.15 mSv)



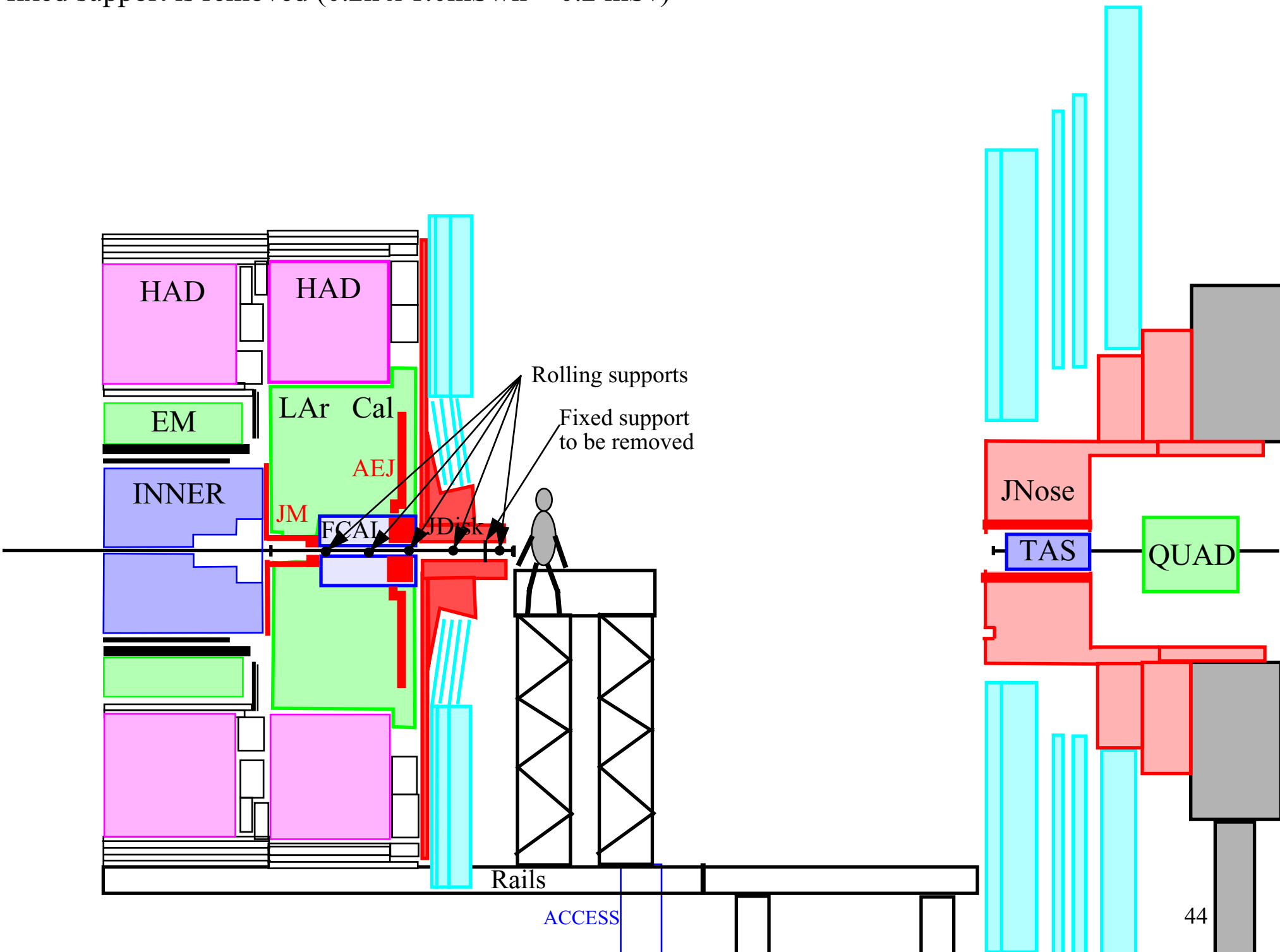
16. The VT beampipe is removed and stored



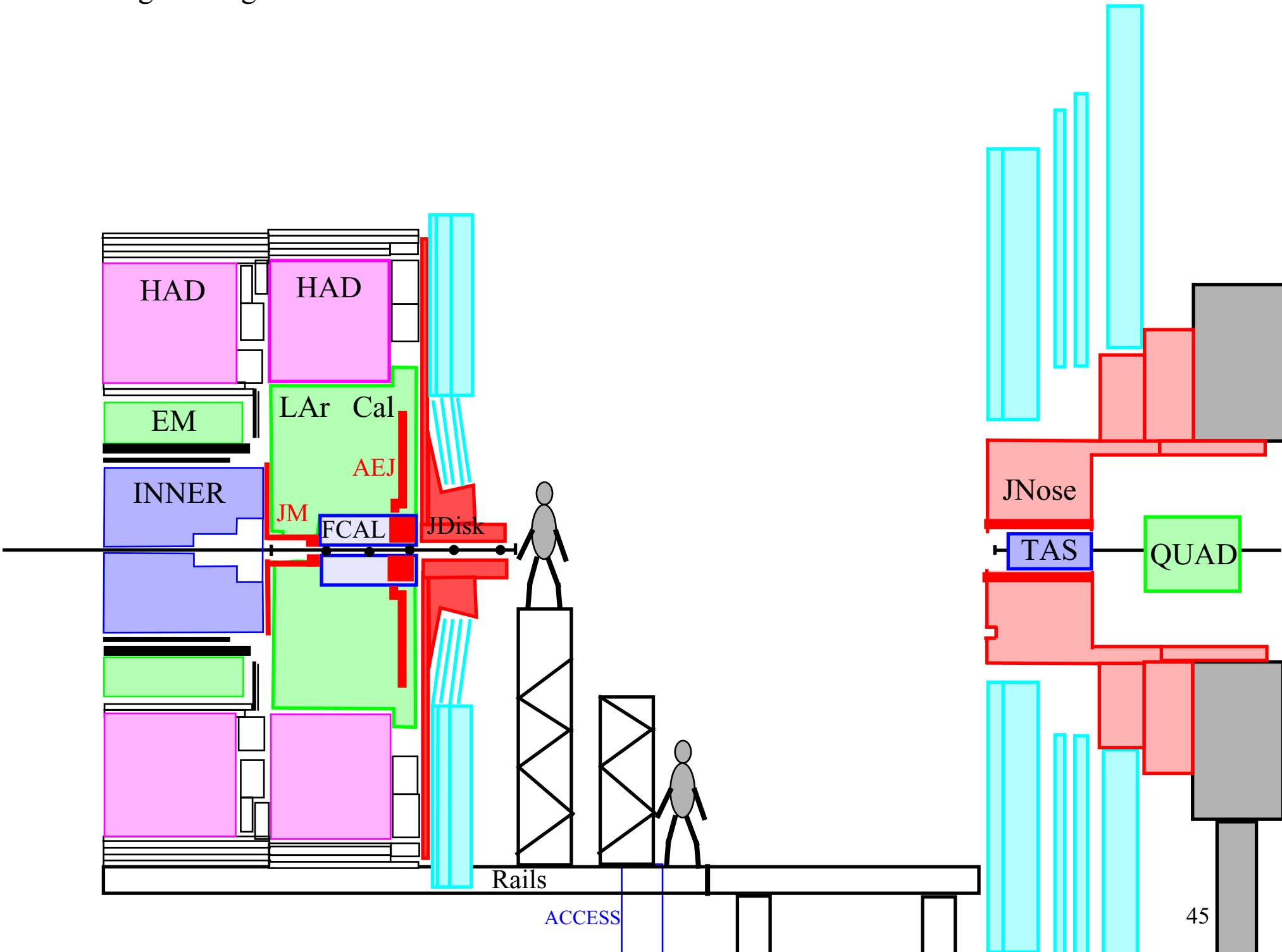
16. The VT beampipe is removed and stored



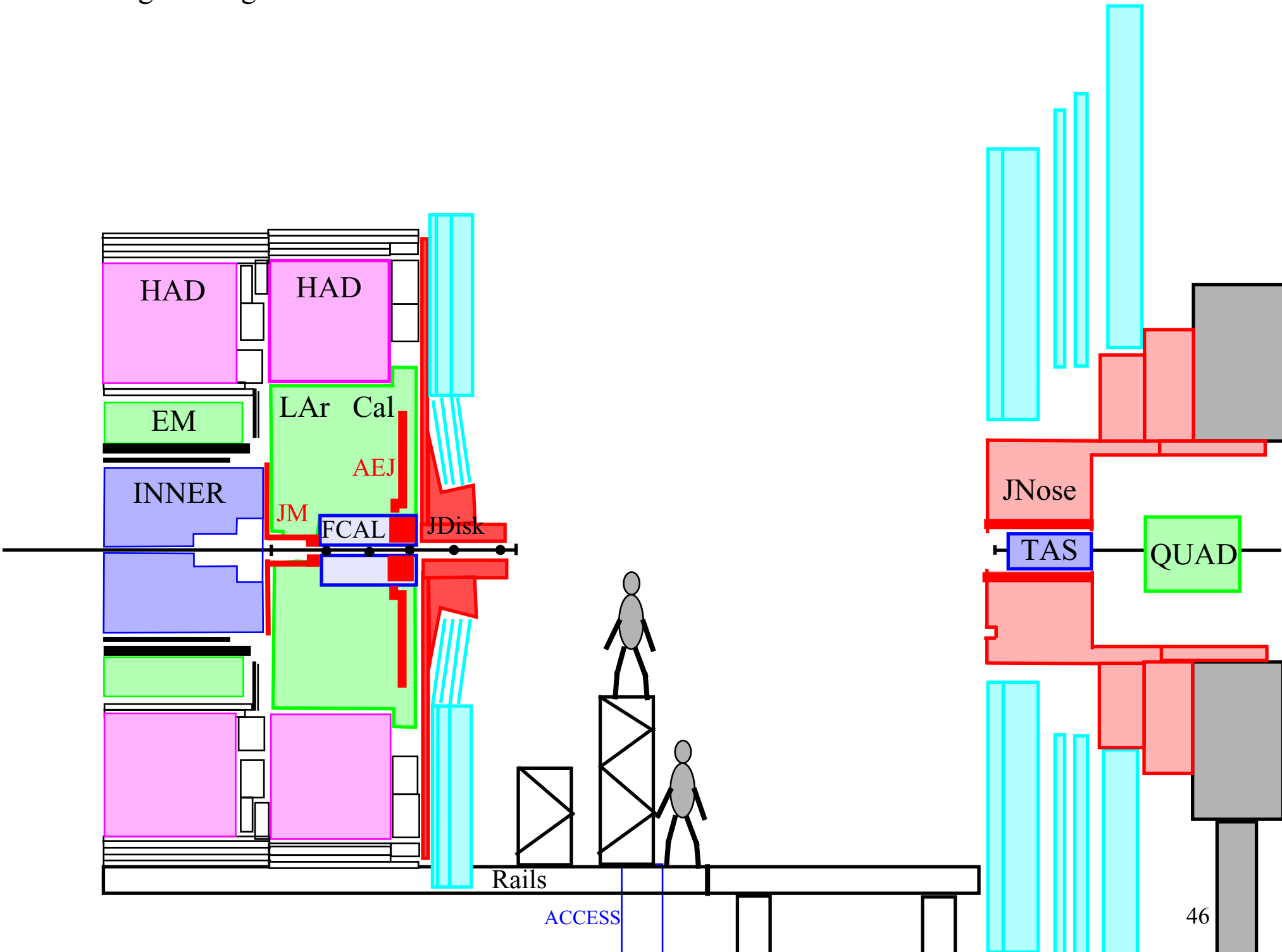
17. The fixed support is removed (0.2h x 1.0mSv/h = 0.2 mSv)



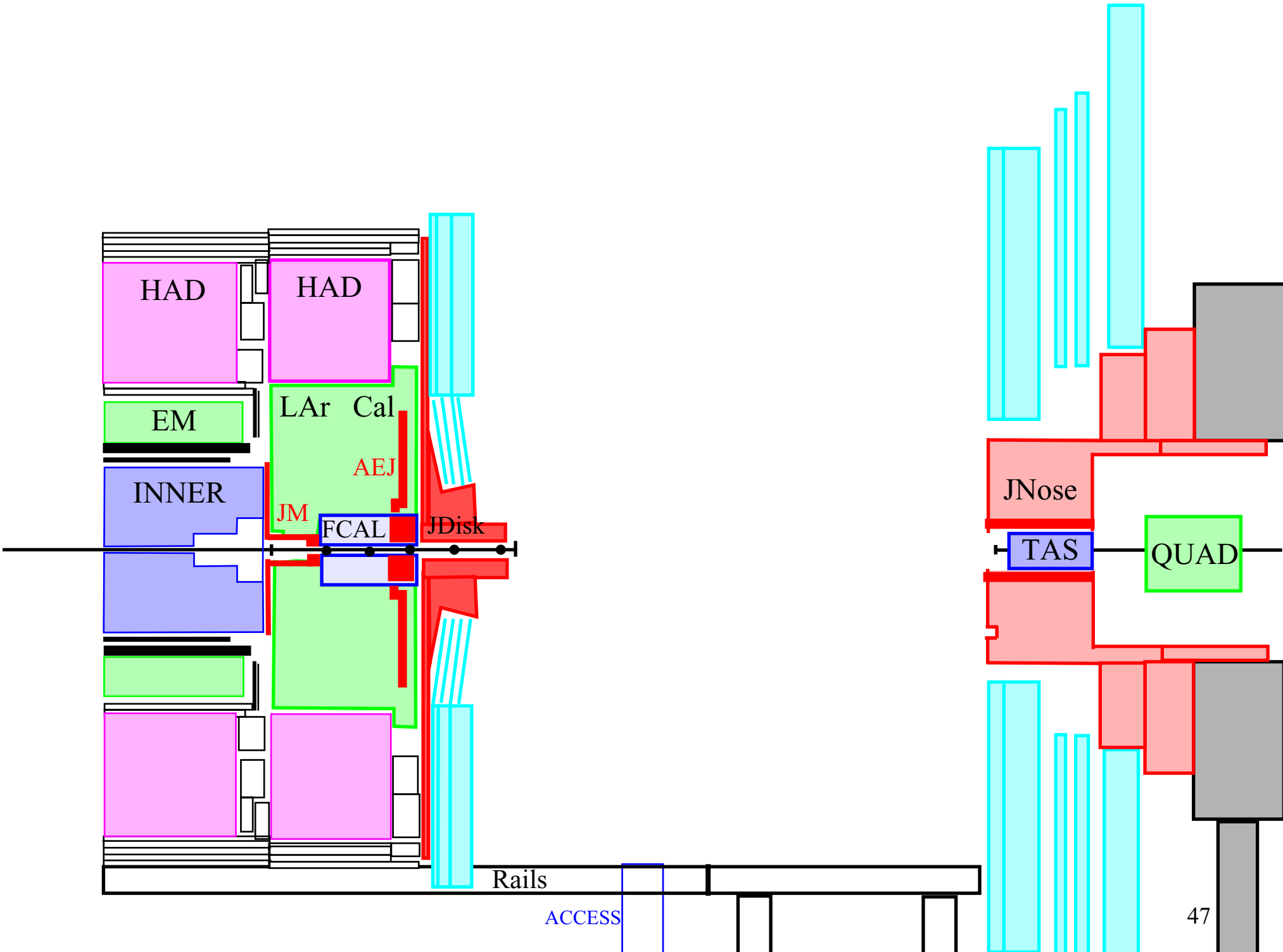
18. The scaffolding is being removed.



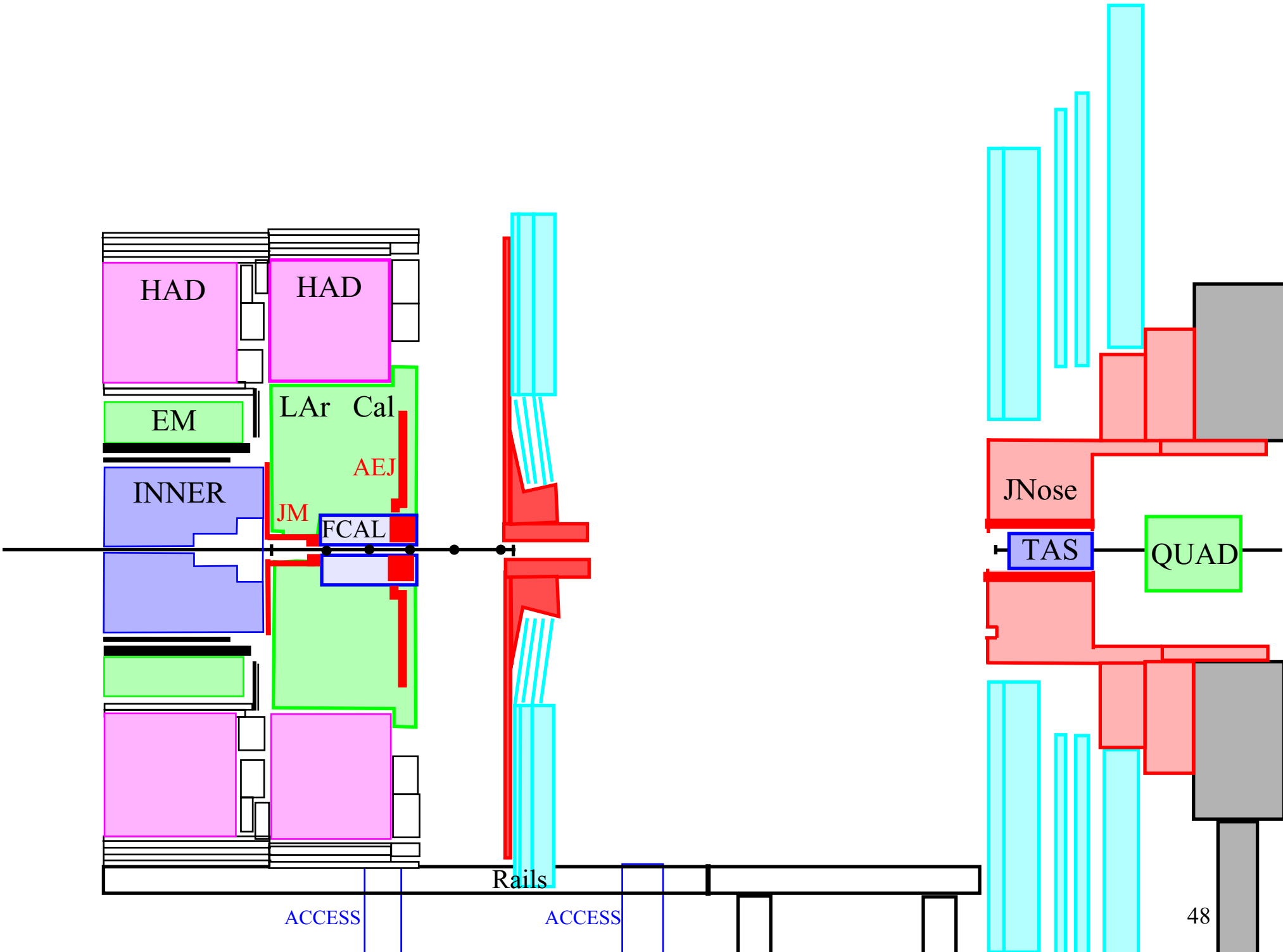
18. The scaffolding is being removed.



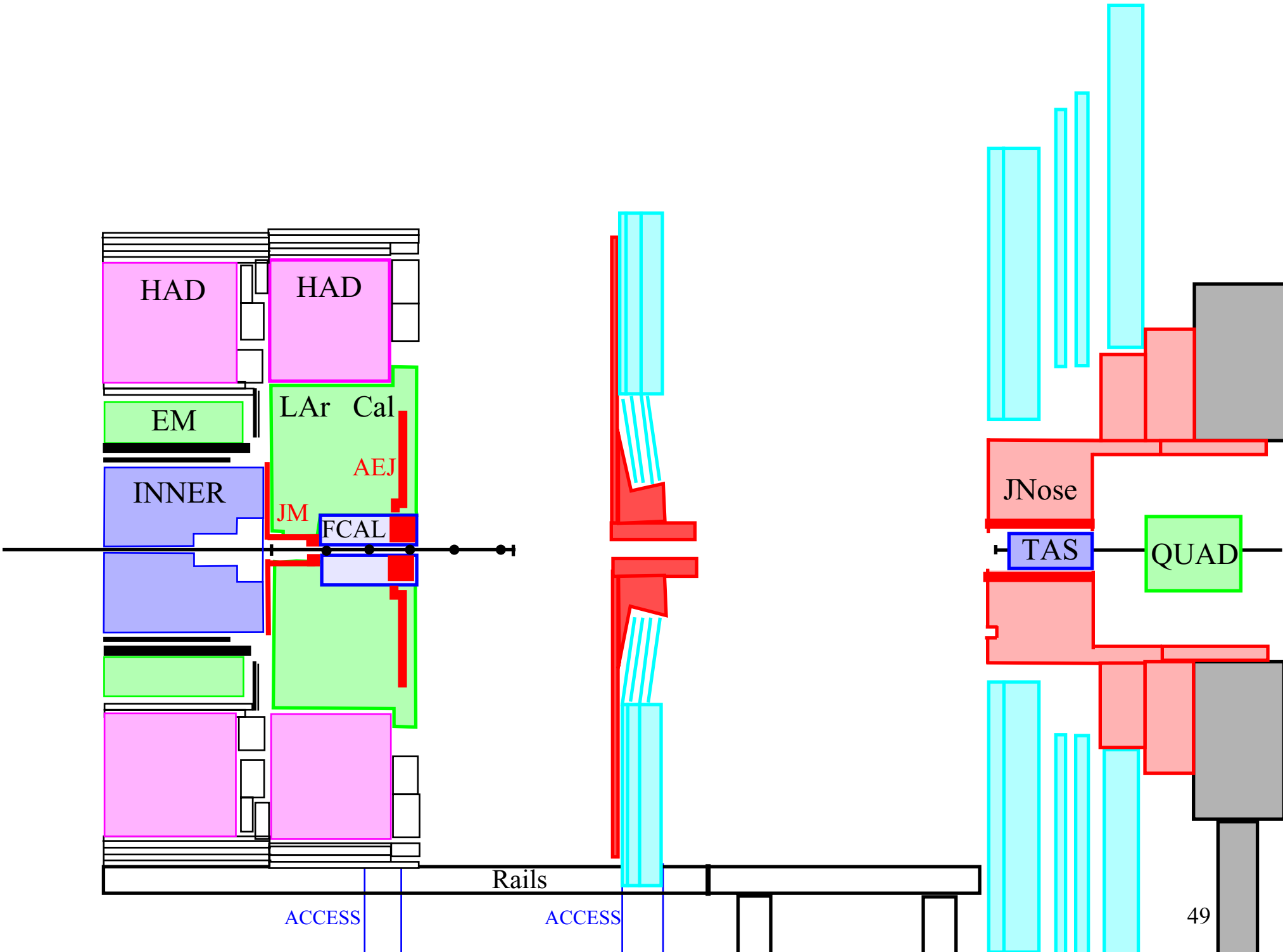
19. The small wheel is moved forward.



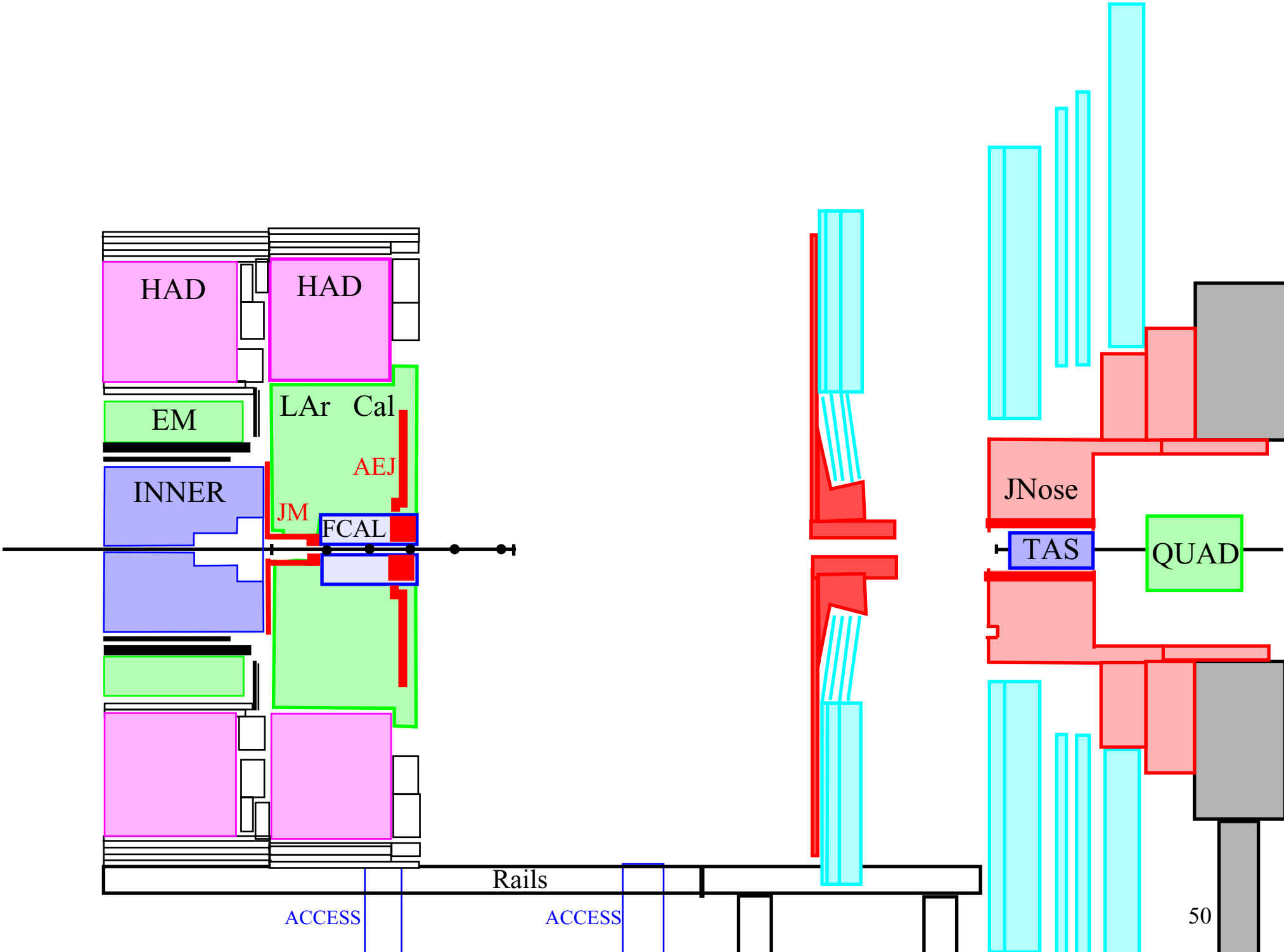
19. The small wheel is moved forward.



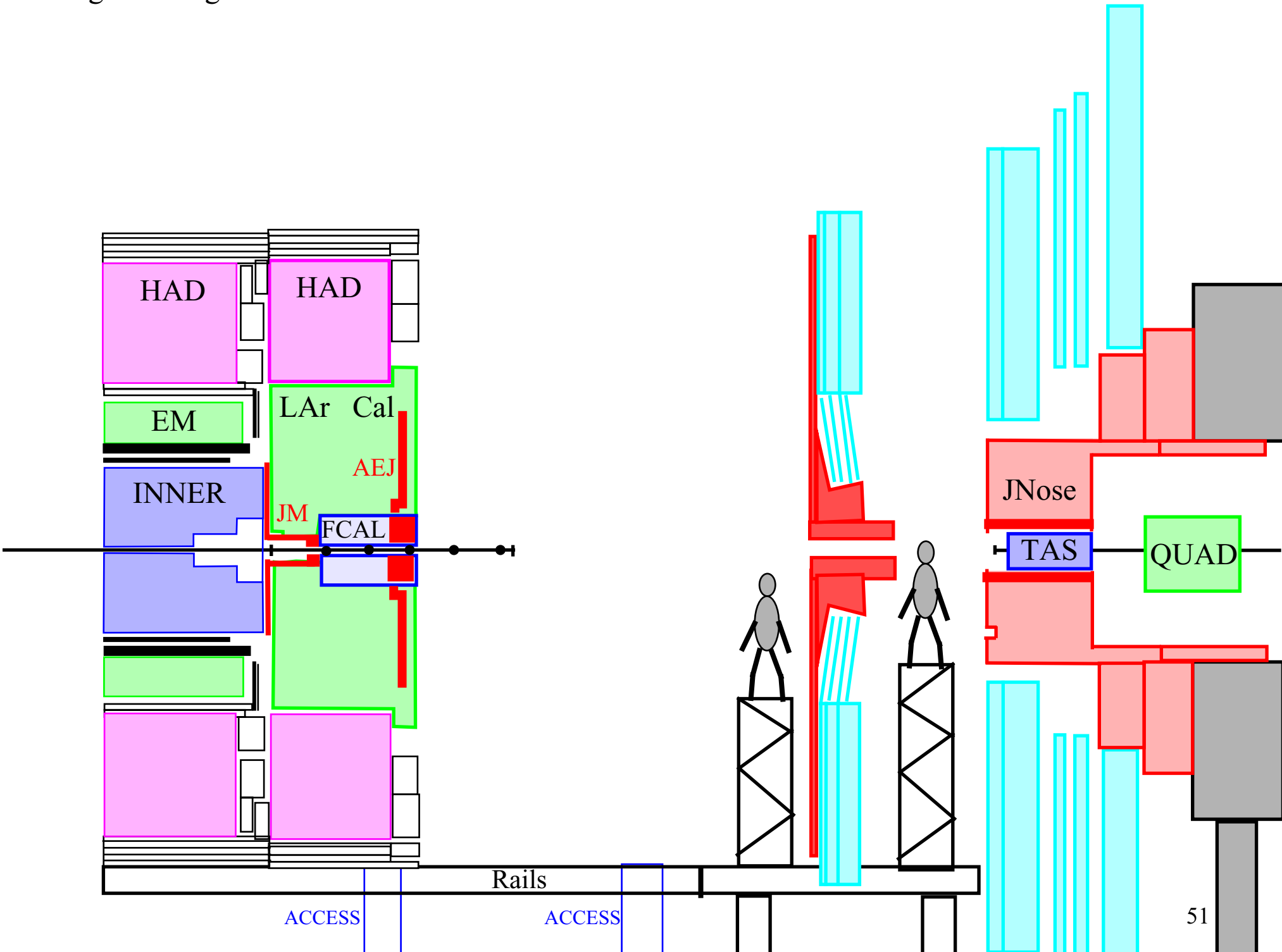
19. The small wheel is moved forward.



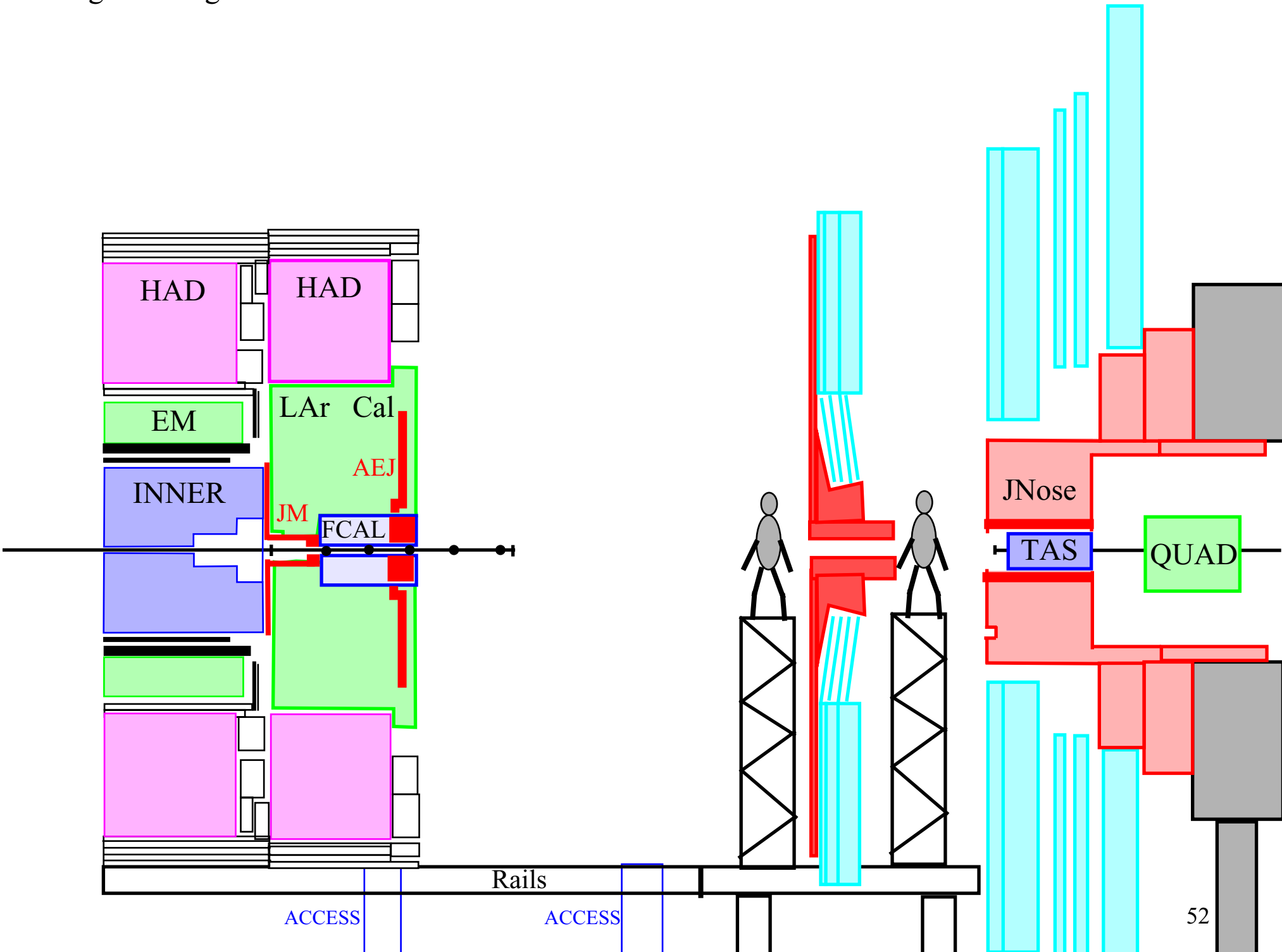
19. The small wheel is moved forward.



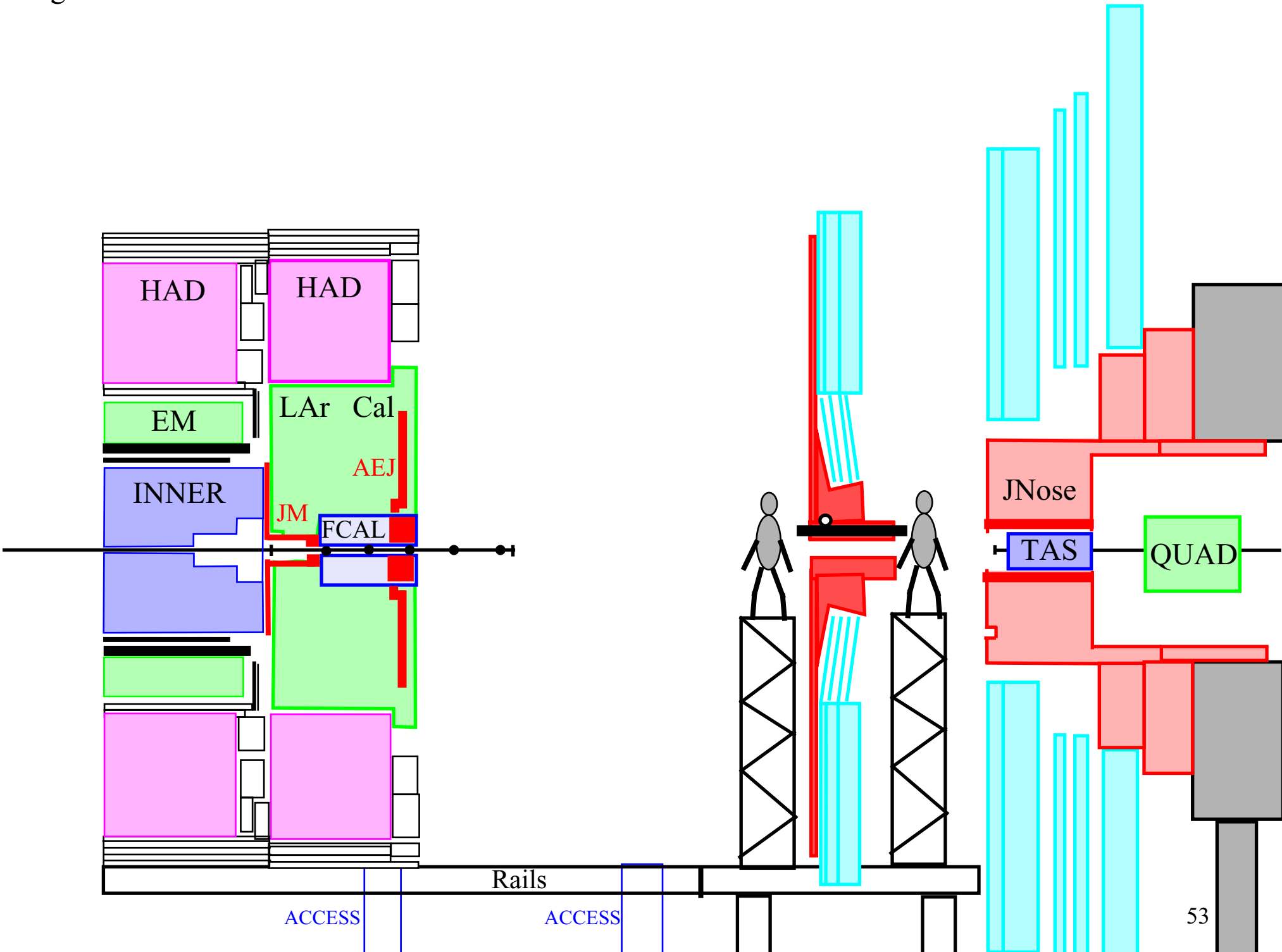
20. Scaffolding is beeing built.



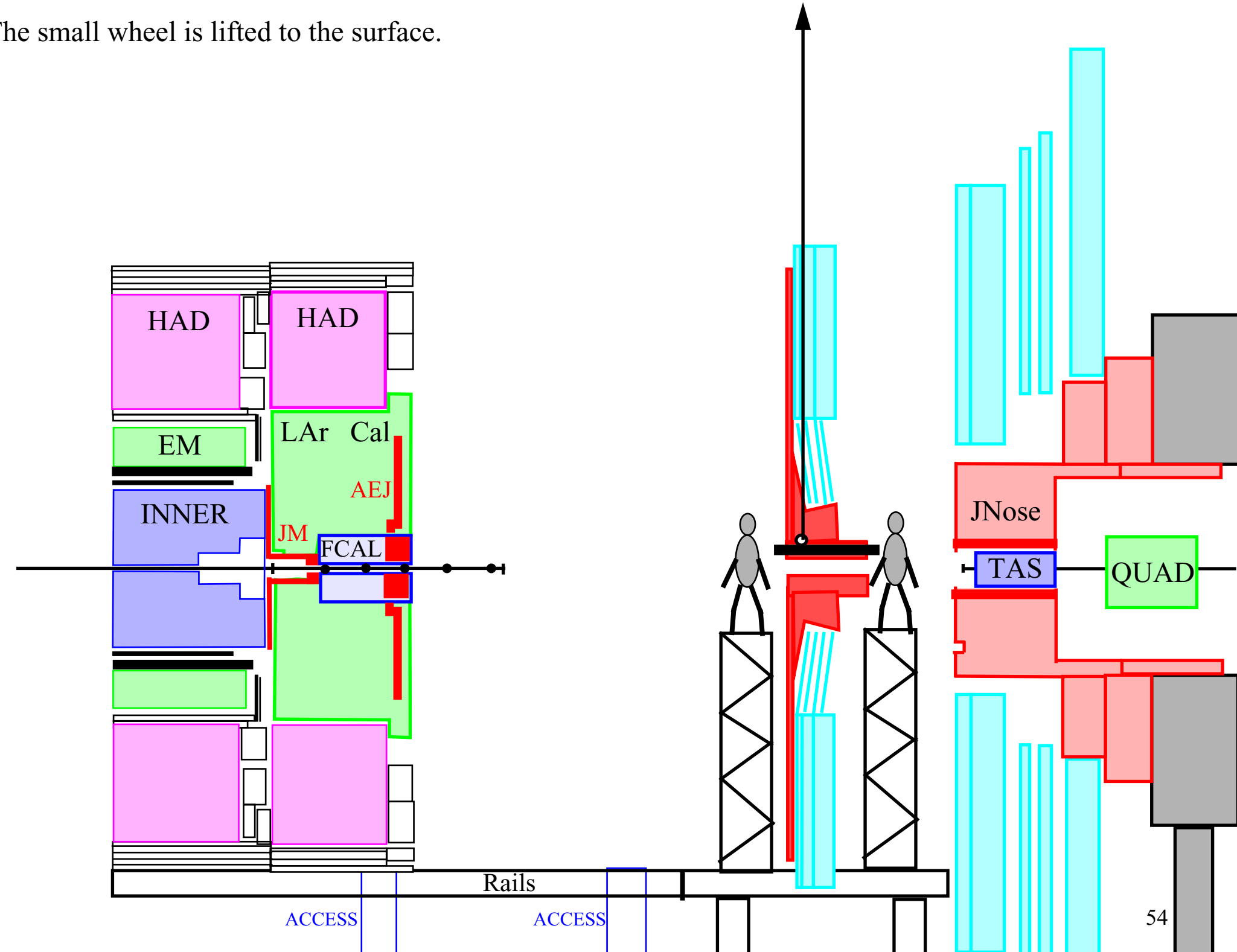
20. Scaffolding is beeing built.



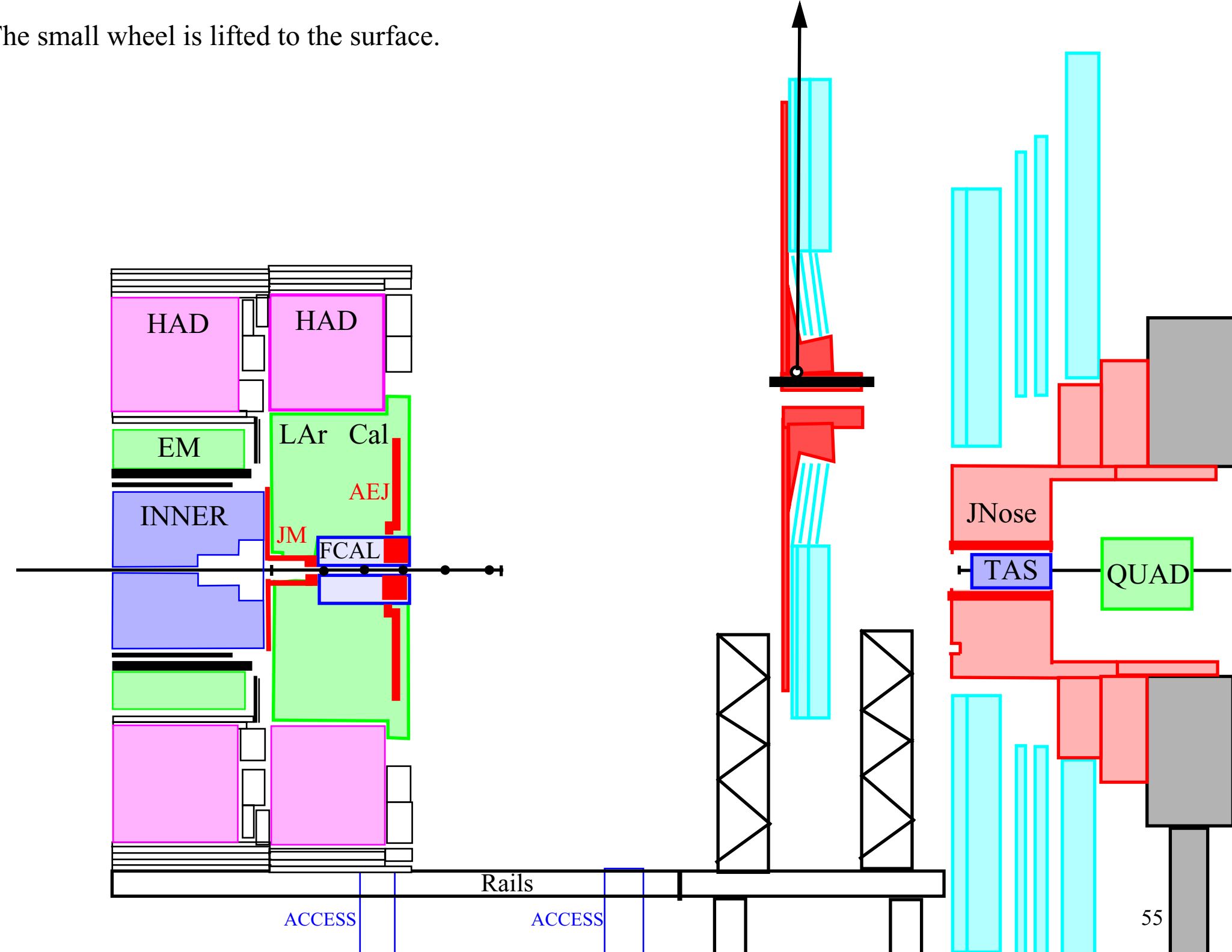
21. A lifting frame is attached to the disk shield



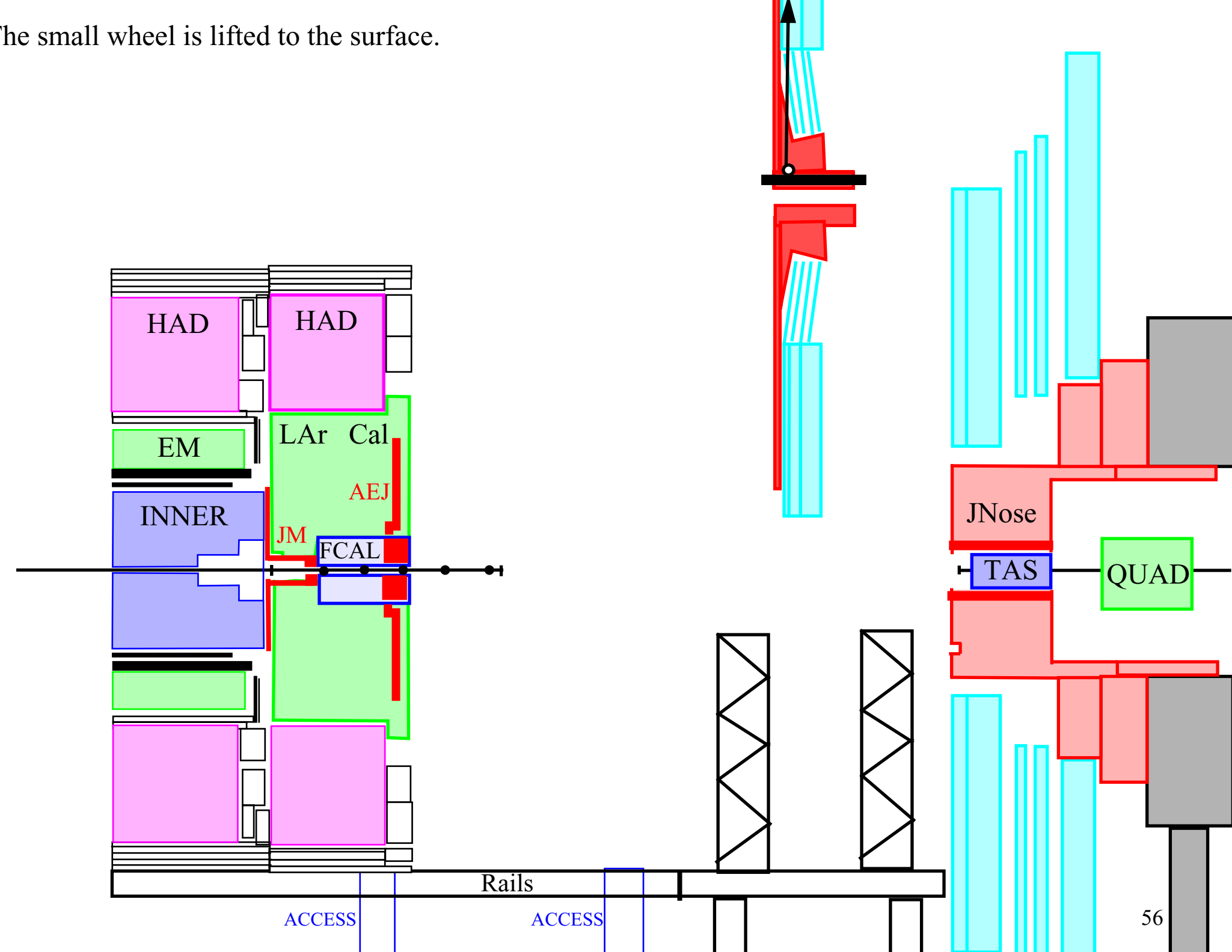
22. The small wheel is lifted to the surface.



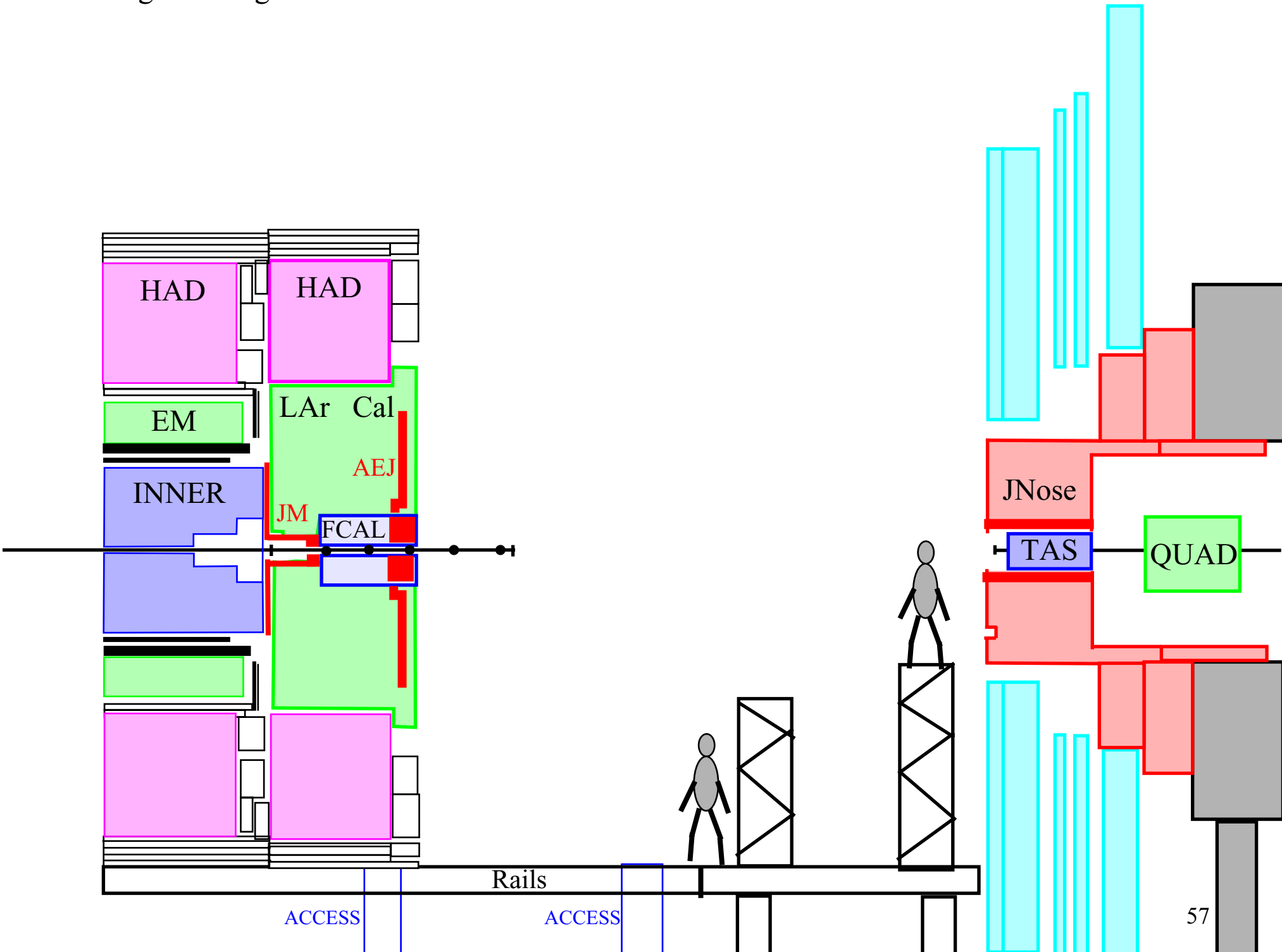
22. The small wheel is lifted to the surface.



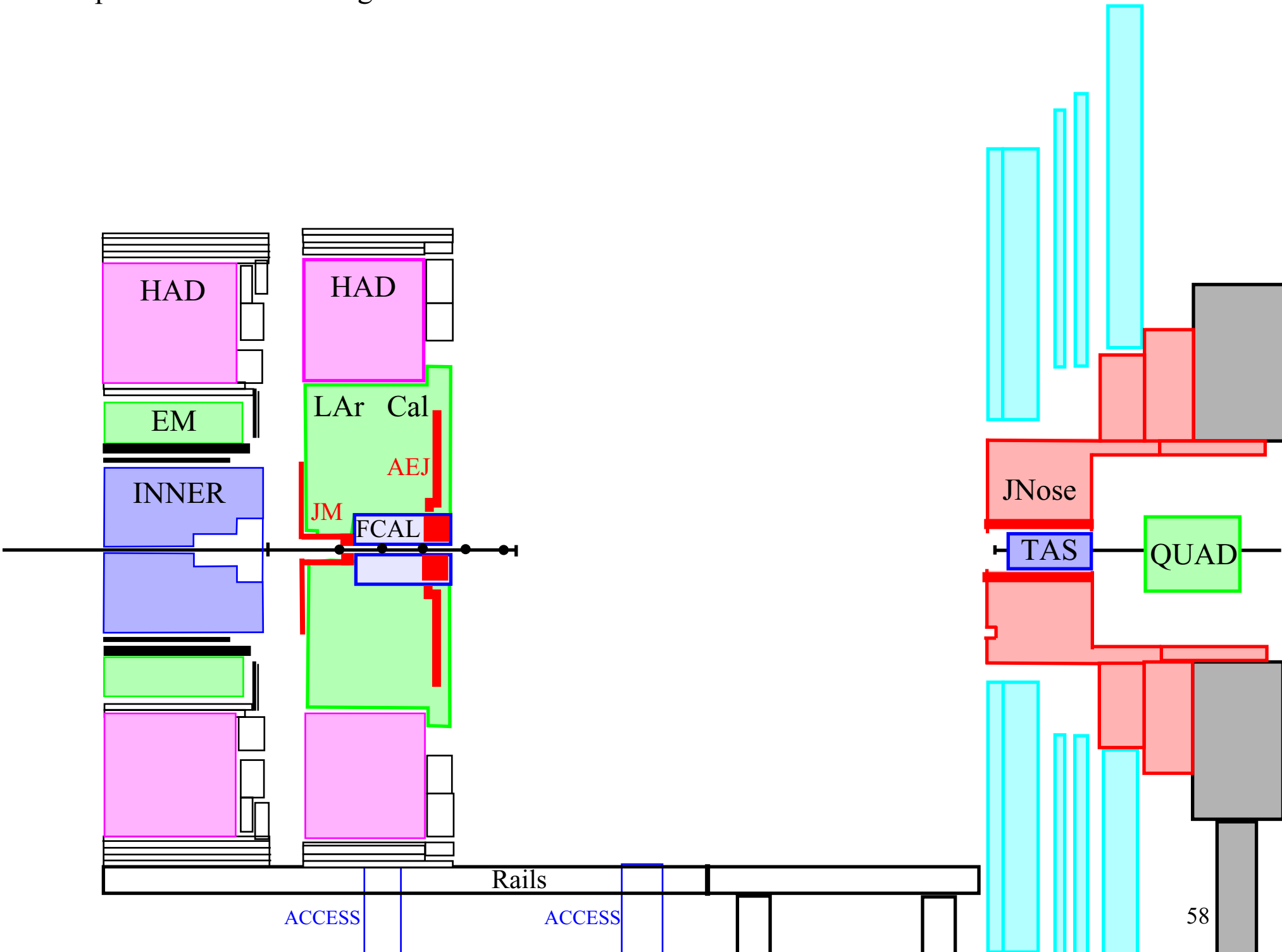
22. The small wheel is lifted to the surface.



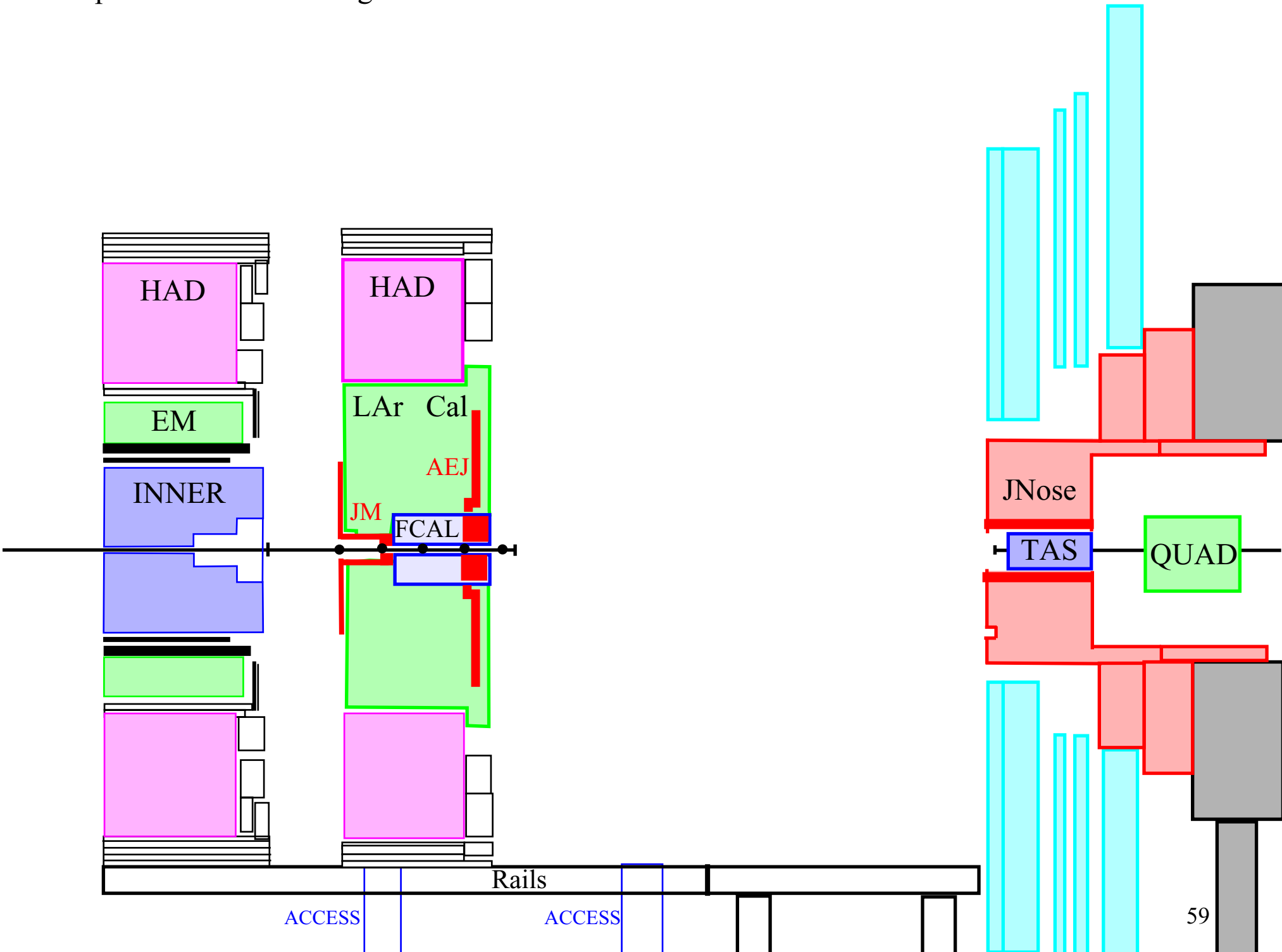
23. The scaffolding is beeing removed.



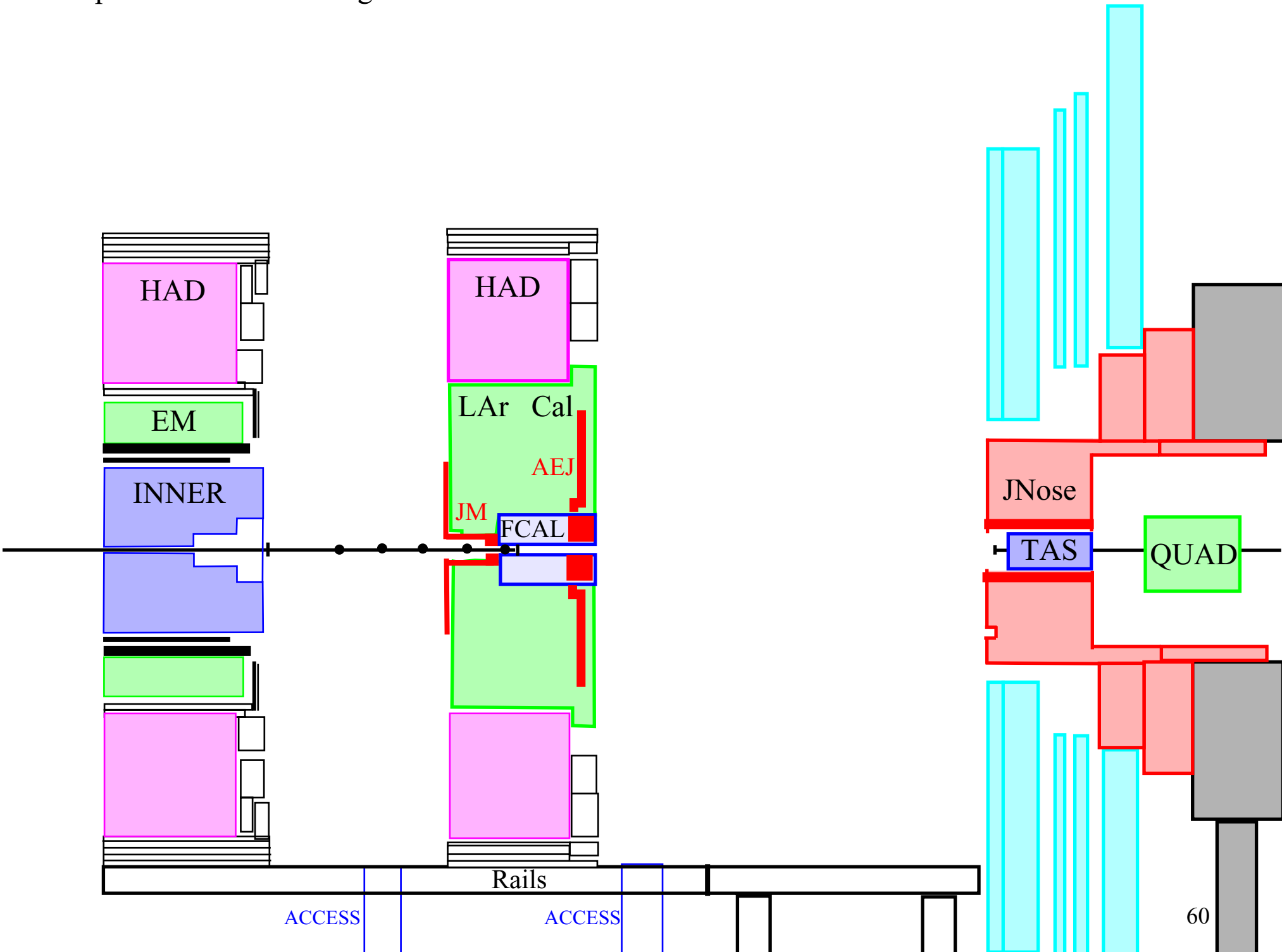
24. The endcap calorimeter is beeing moved forward.



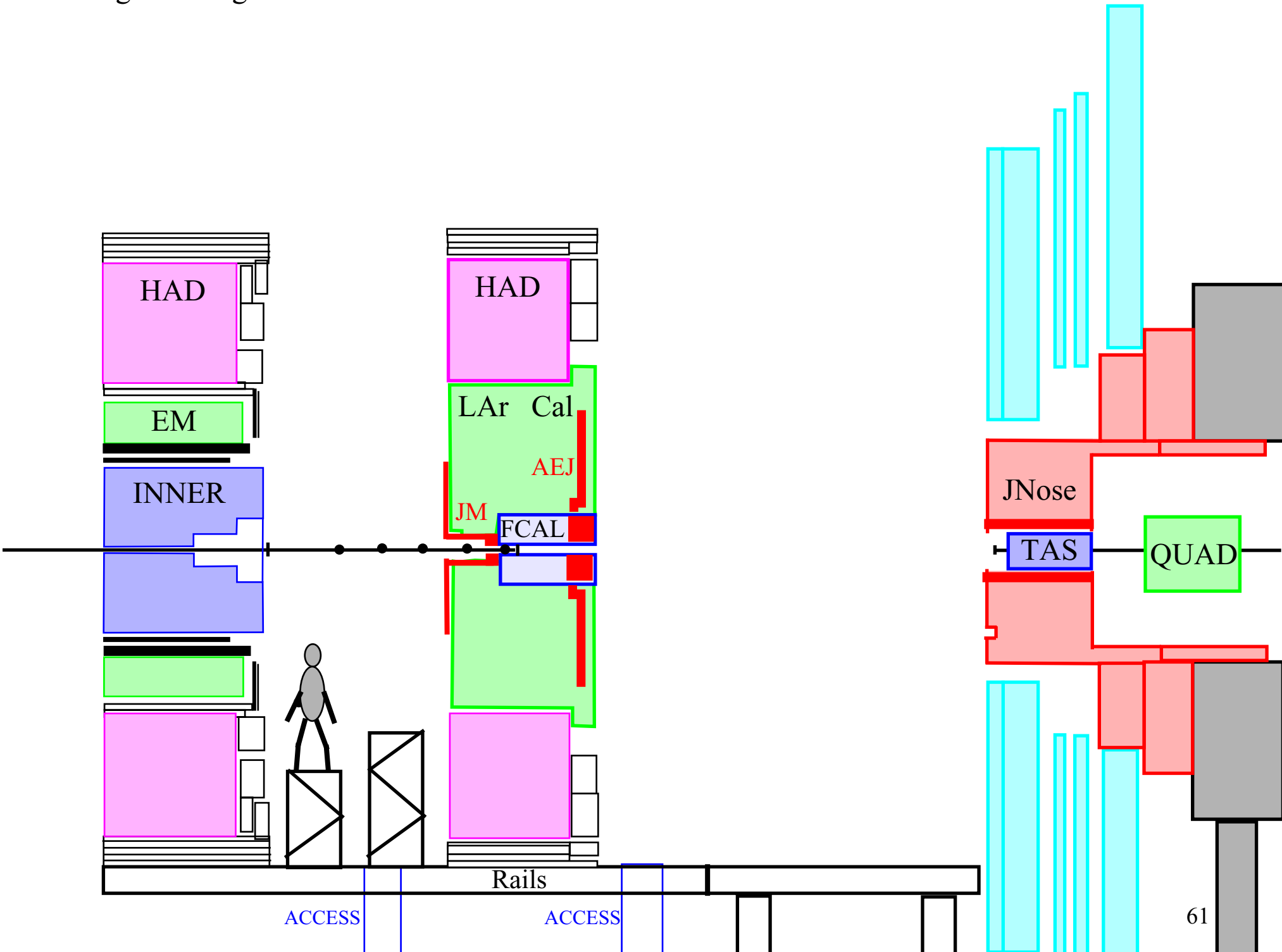
24. The endcap calorimeter is beeing moved forward.



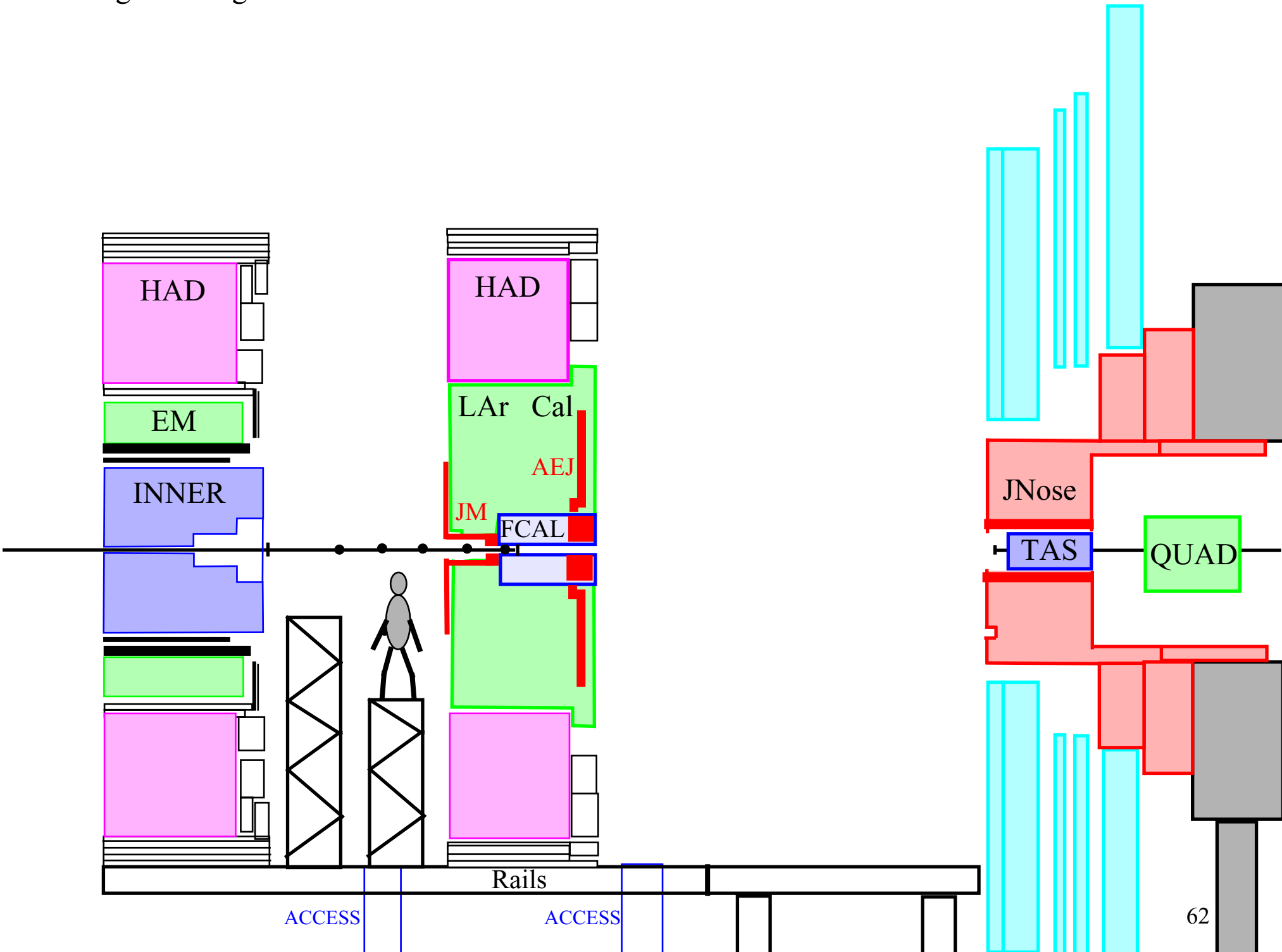
24. The endcap calorimeter is beeing moved forward.



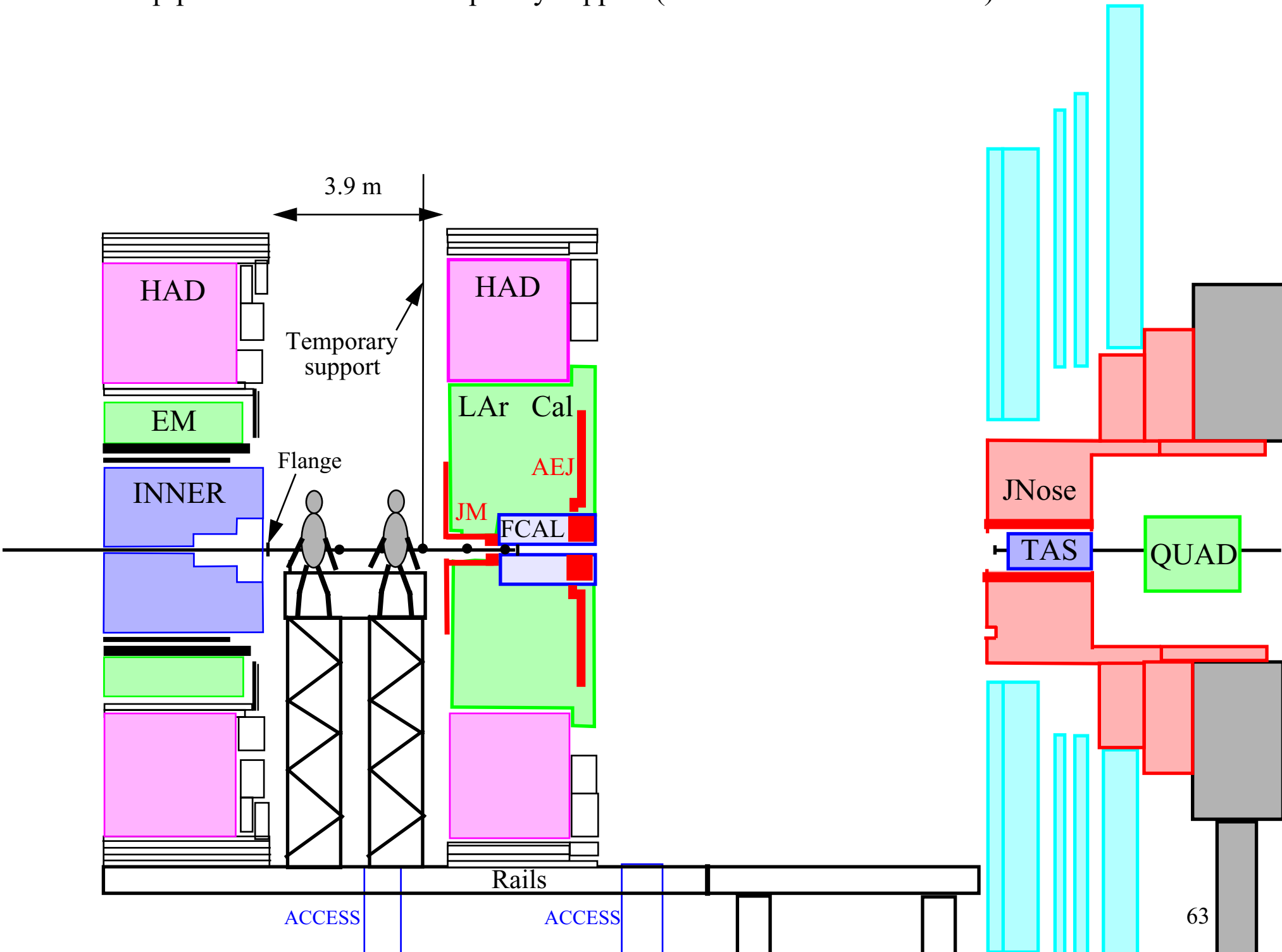
25. Scaffolding is beeing built.



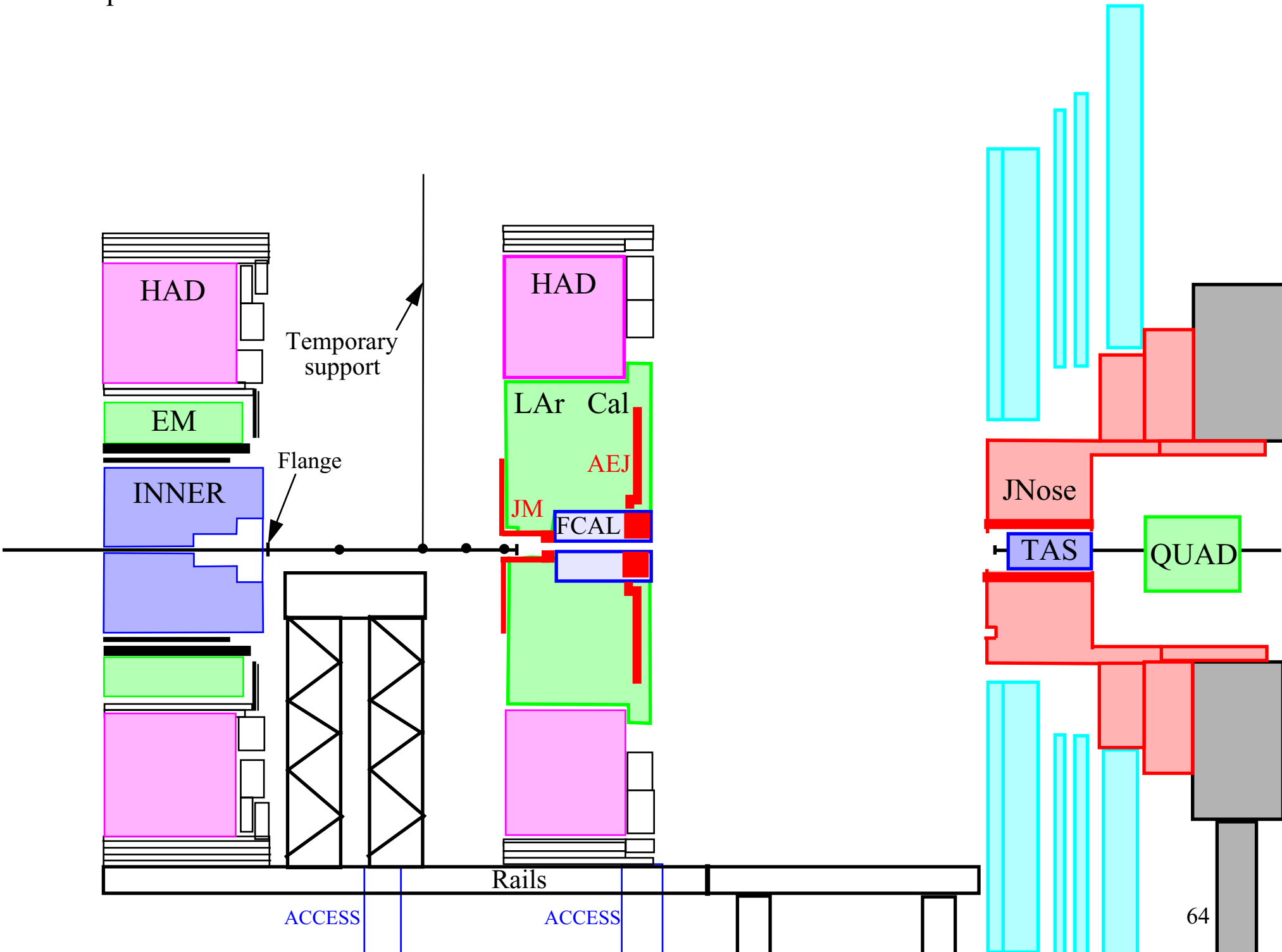
25. Scaffolding is beeing built.



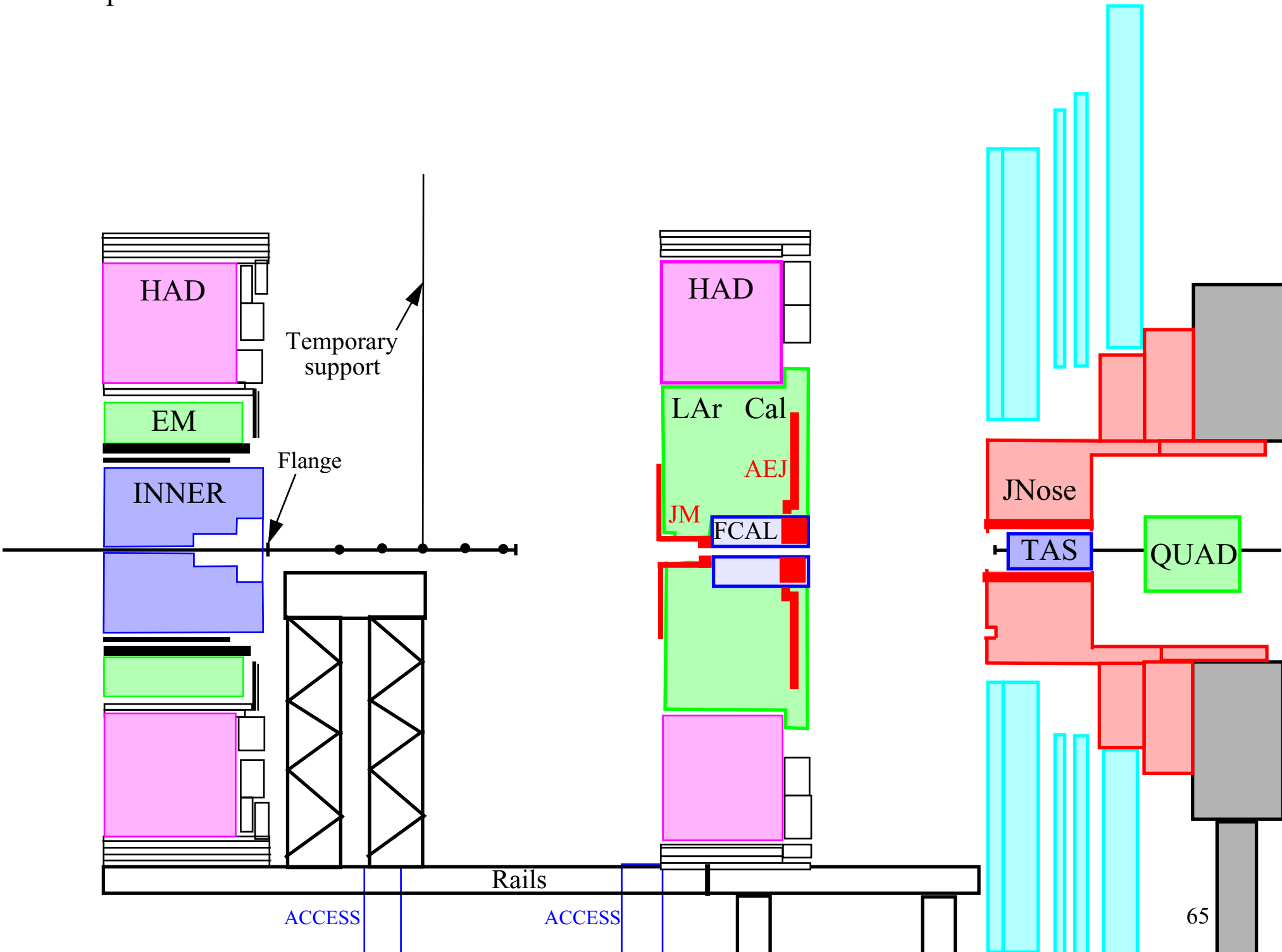
26. The VA beampipe is connected to a temporary support (0.2h x 2 mSv/h = 0.4 mSv)



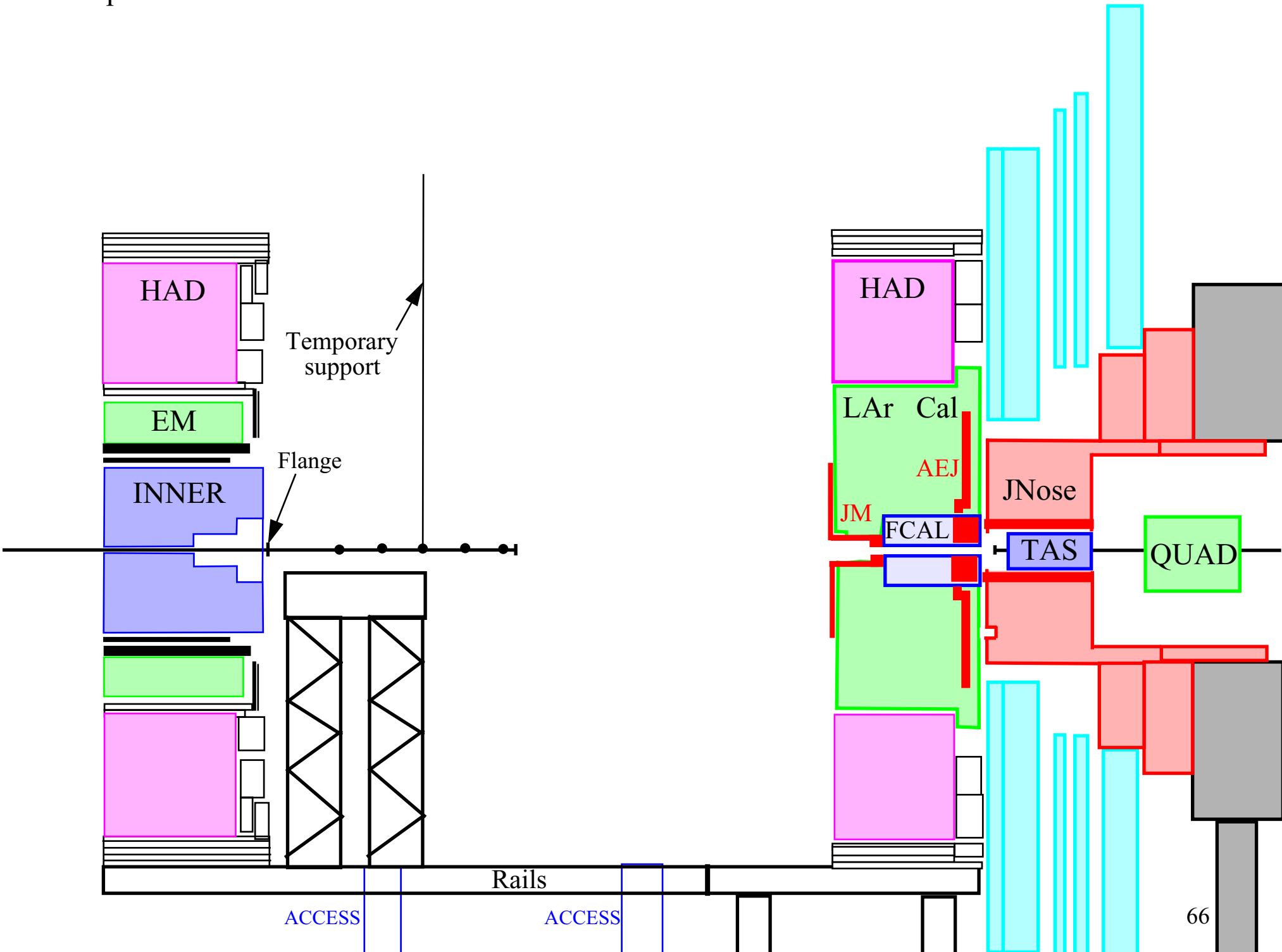
27. The endcap calorimeter is moved forward.



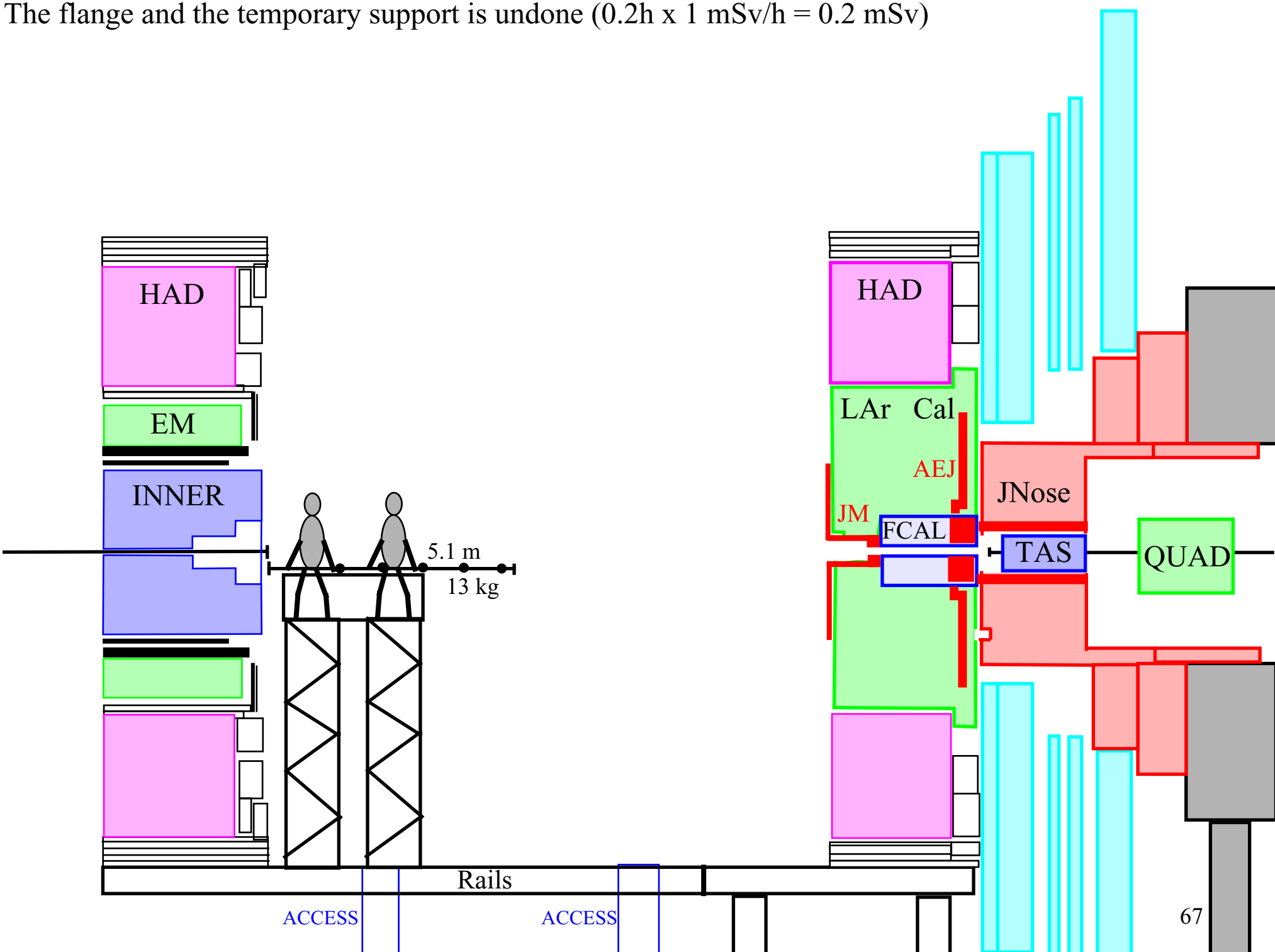
27. The endcap calorimeter is moved forward.



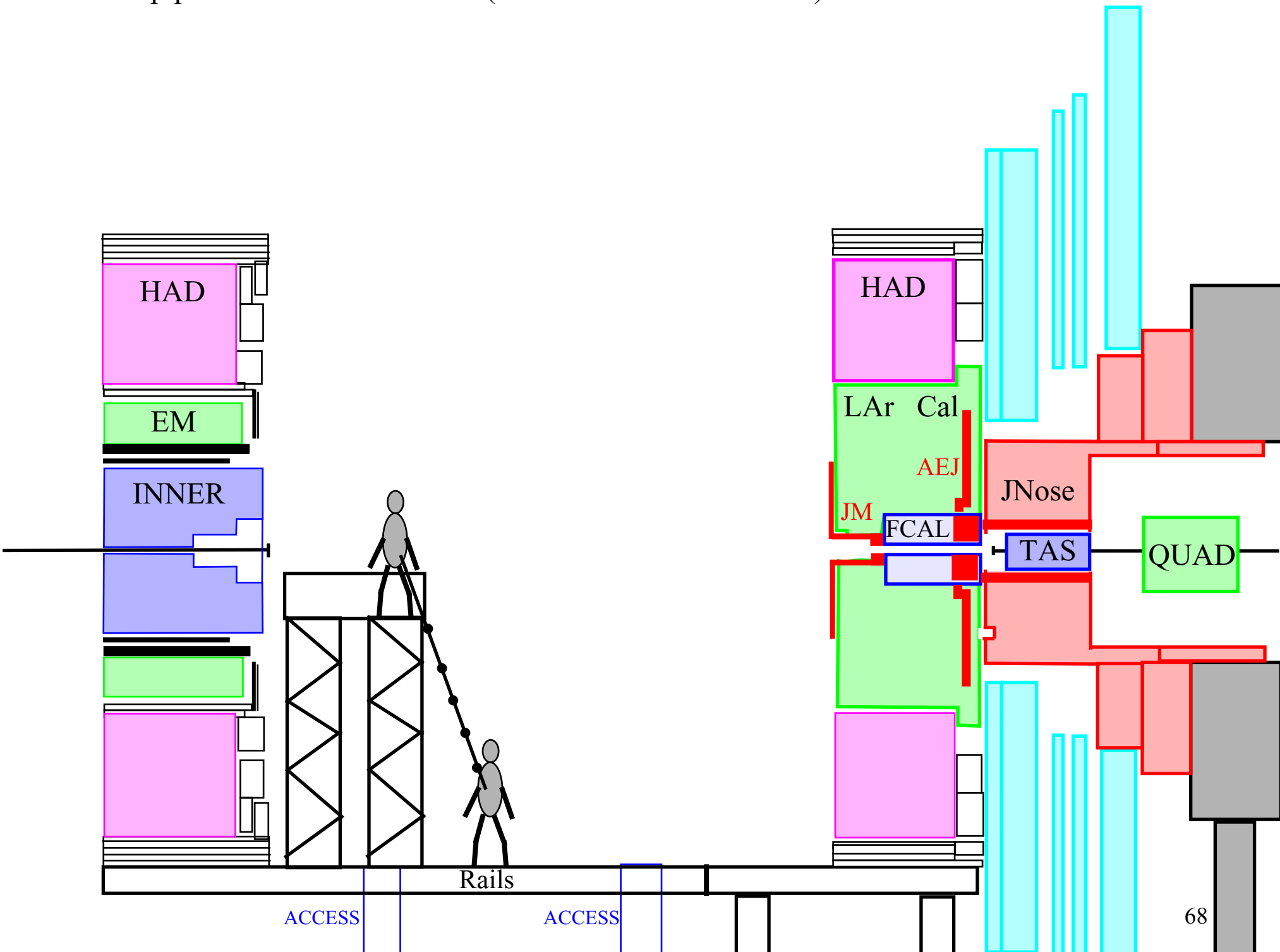
27. The endcap calorimeter is moved forward.



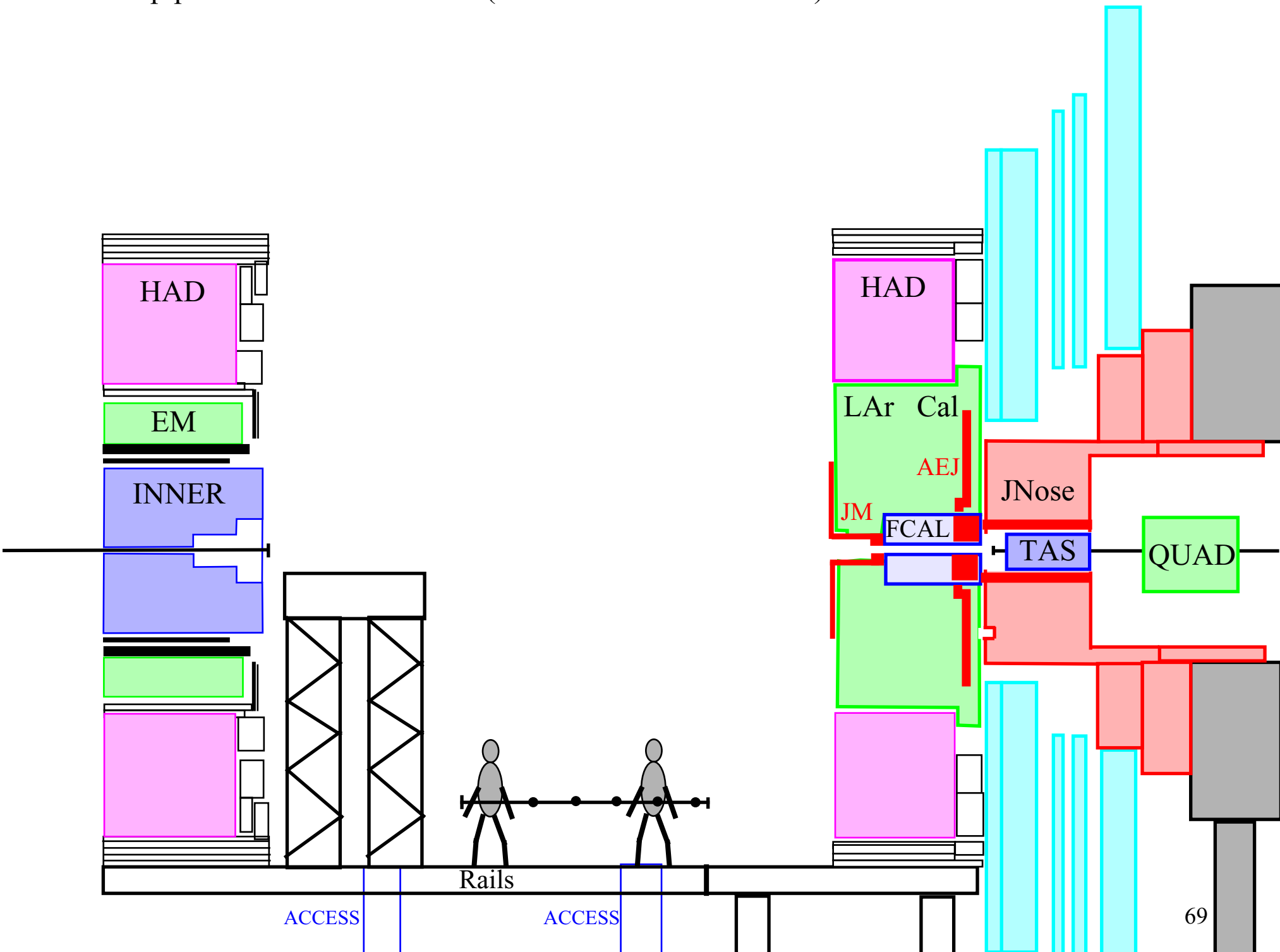
28. The flange and the temporary support is undone (0.2h x 1 mSv/h = 0.2 mSv)

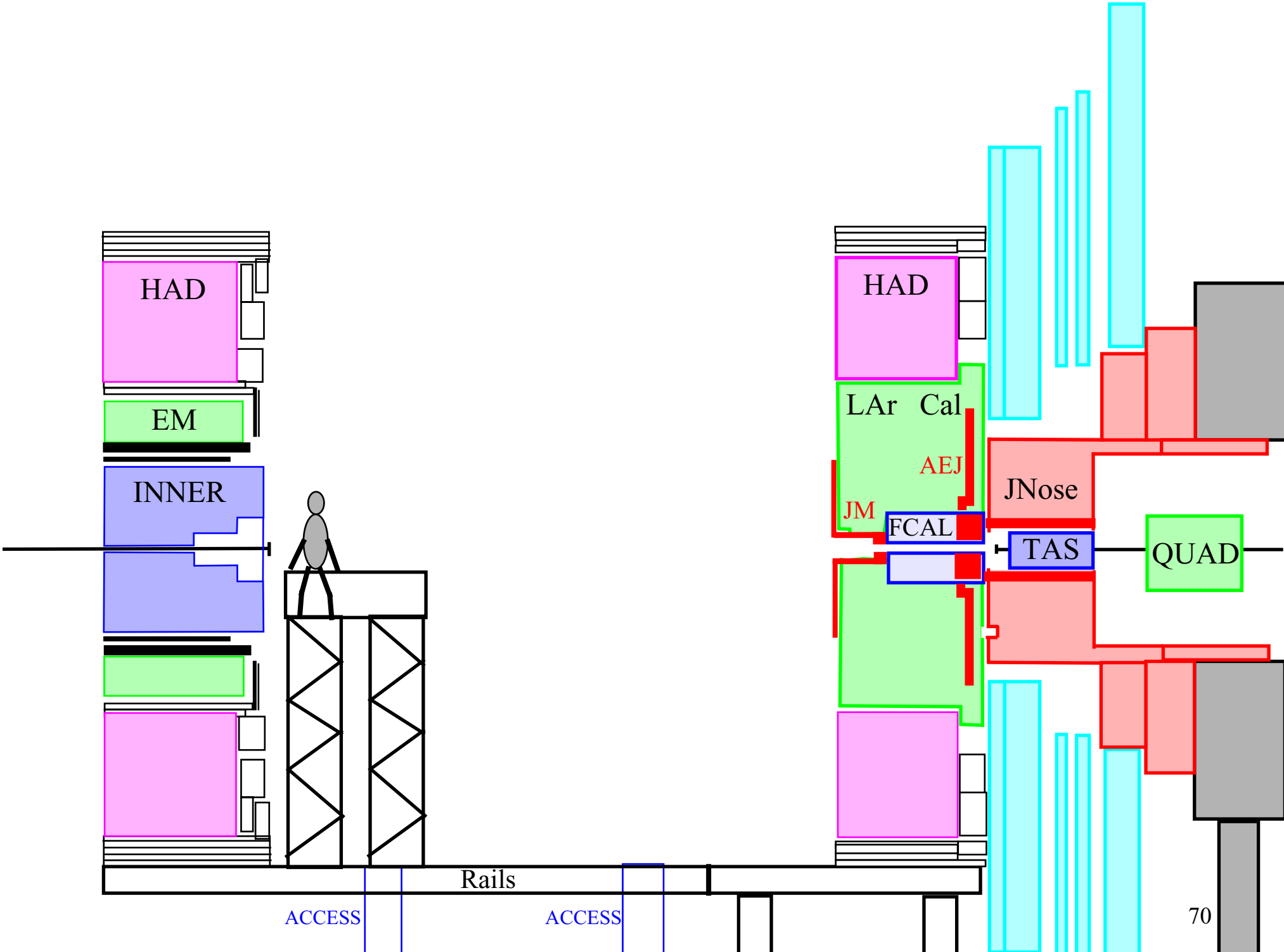


29. The VA beampipe is removed and stored (0.3h x 1 mSv/h = 0.3 mSv)



29. The VA beampipe is removed and stored (0.3h x 1 mSv/h = 0.3 mSv)

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