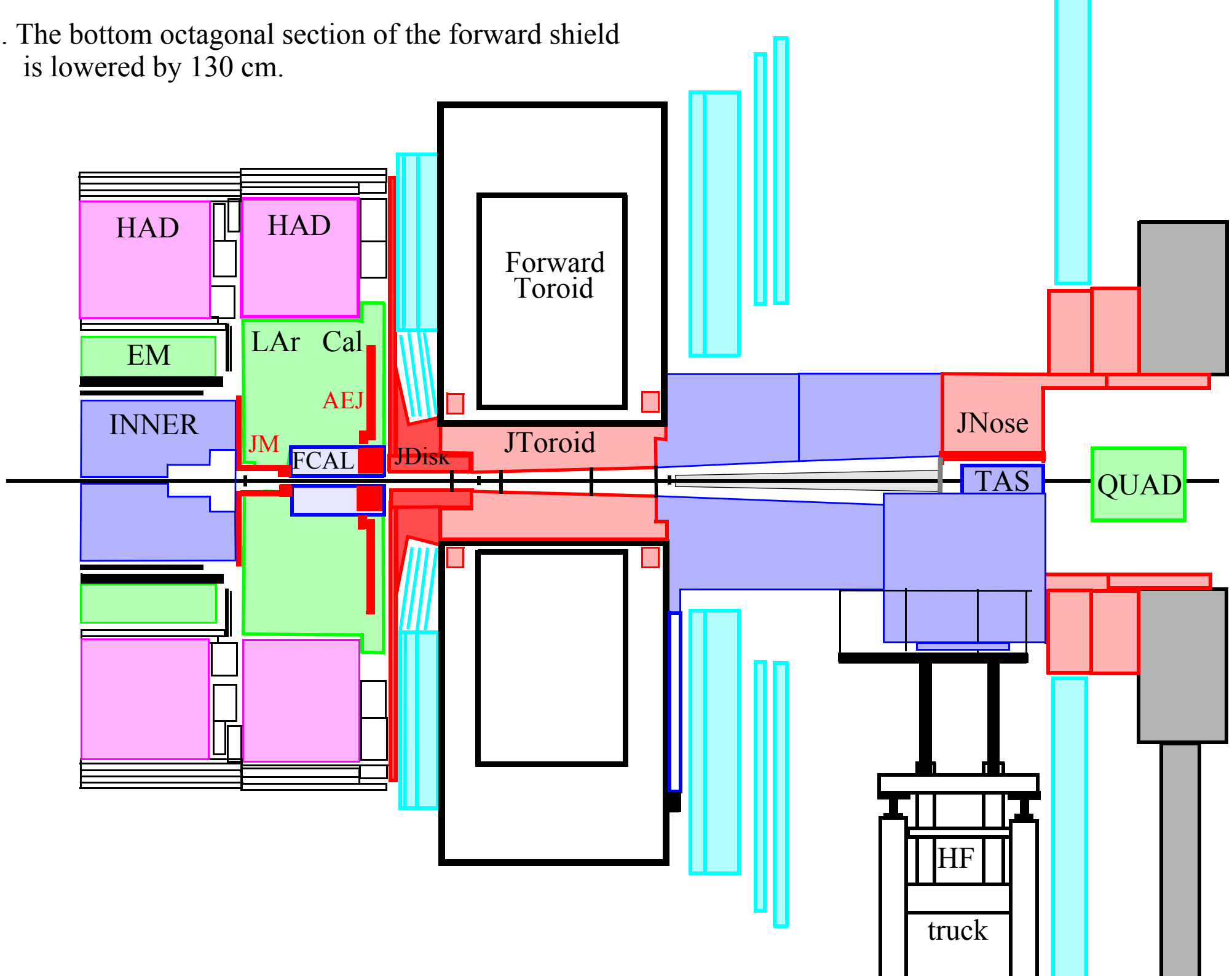
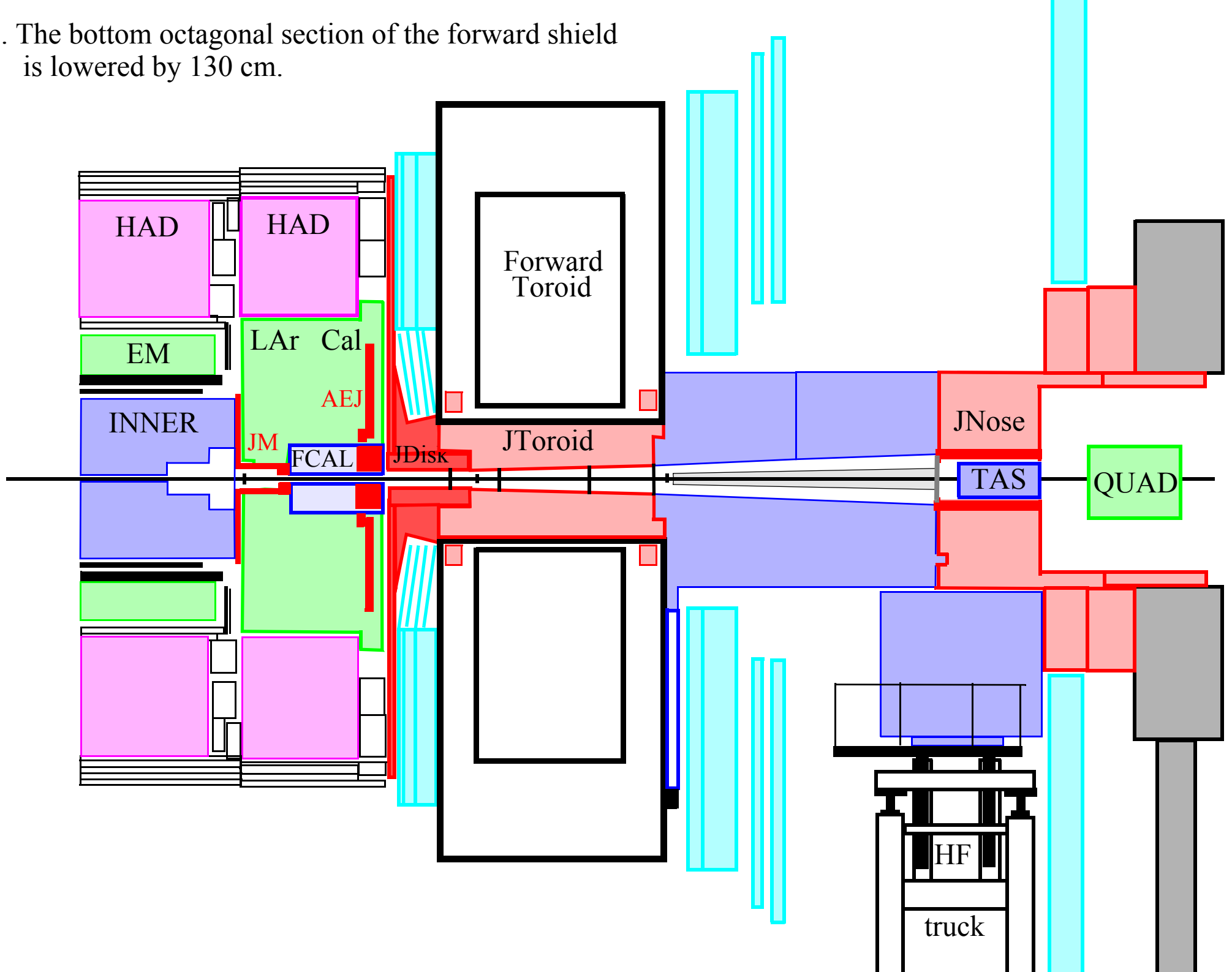


BASELINE OPTION

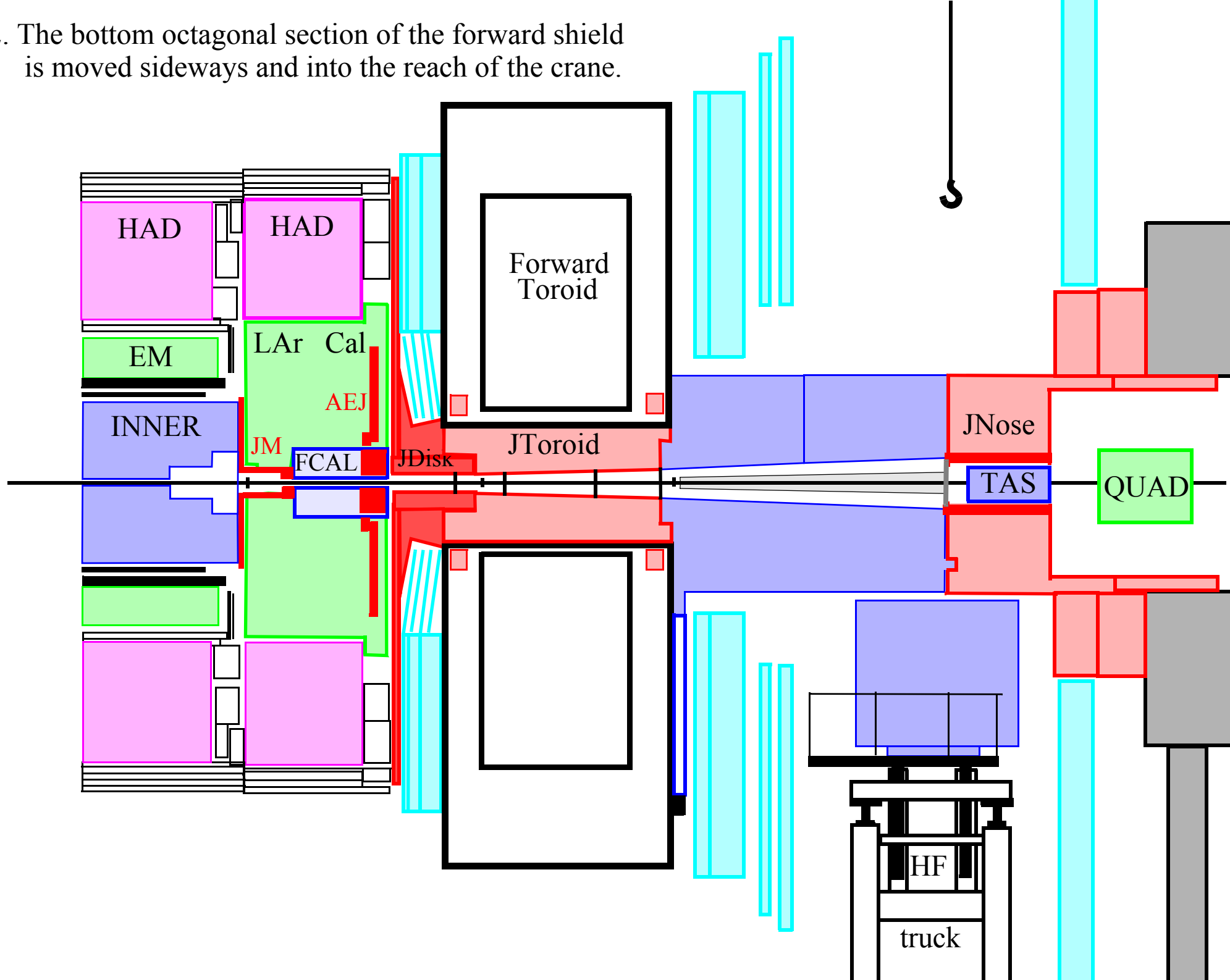
1. The bottom octagonal section of the forward shield is lowered by 130 cm.



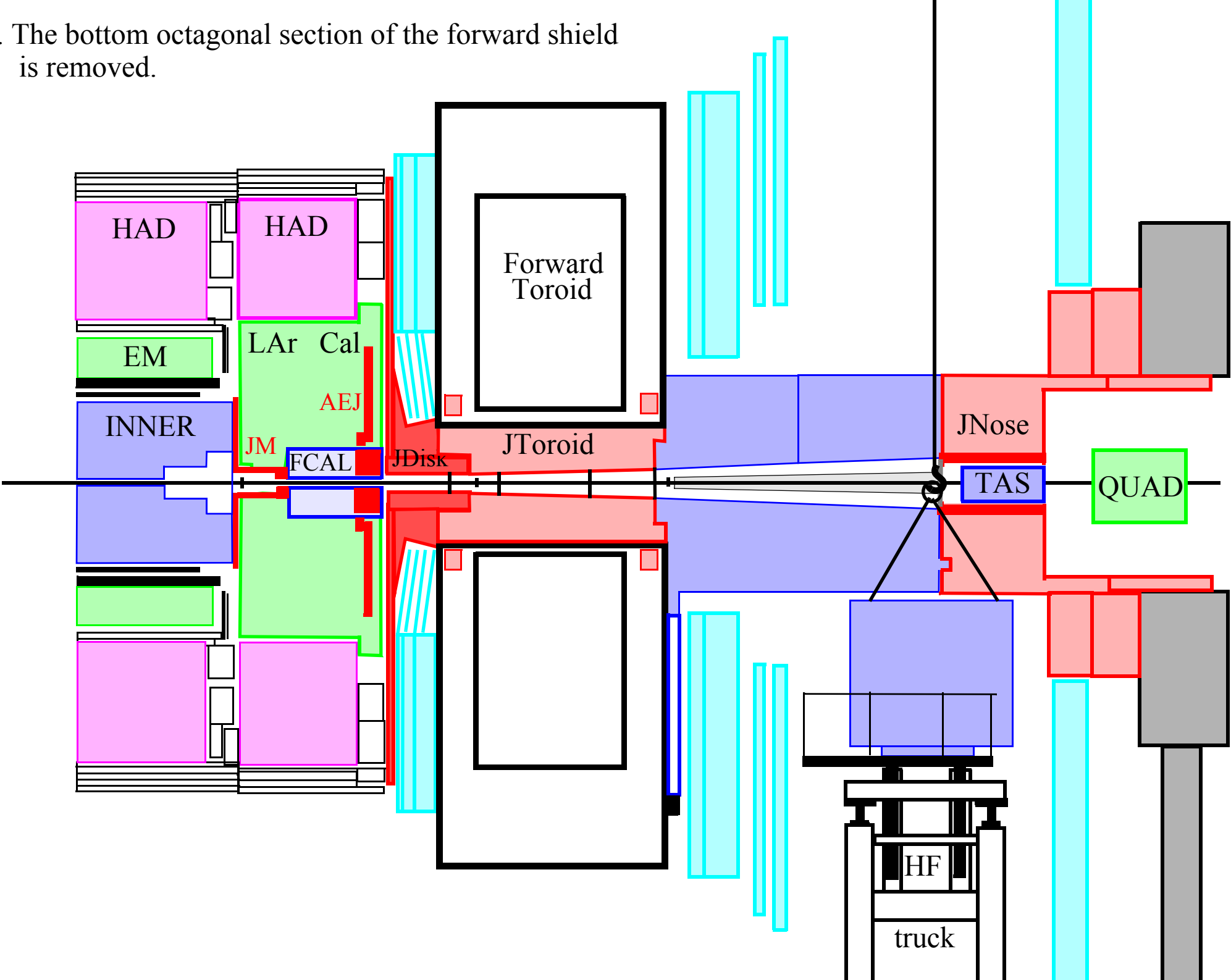
1. The bottom octagonal section of the forward shield is lowered by 130 cm.



2. The bottom octagonal section of the forward shield is moved sideways and into the reach of the crane.

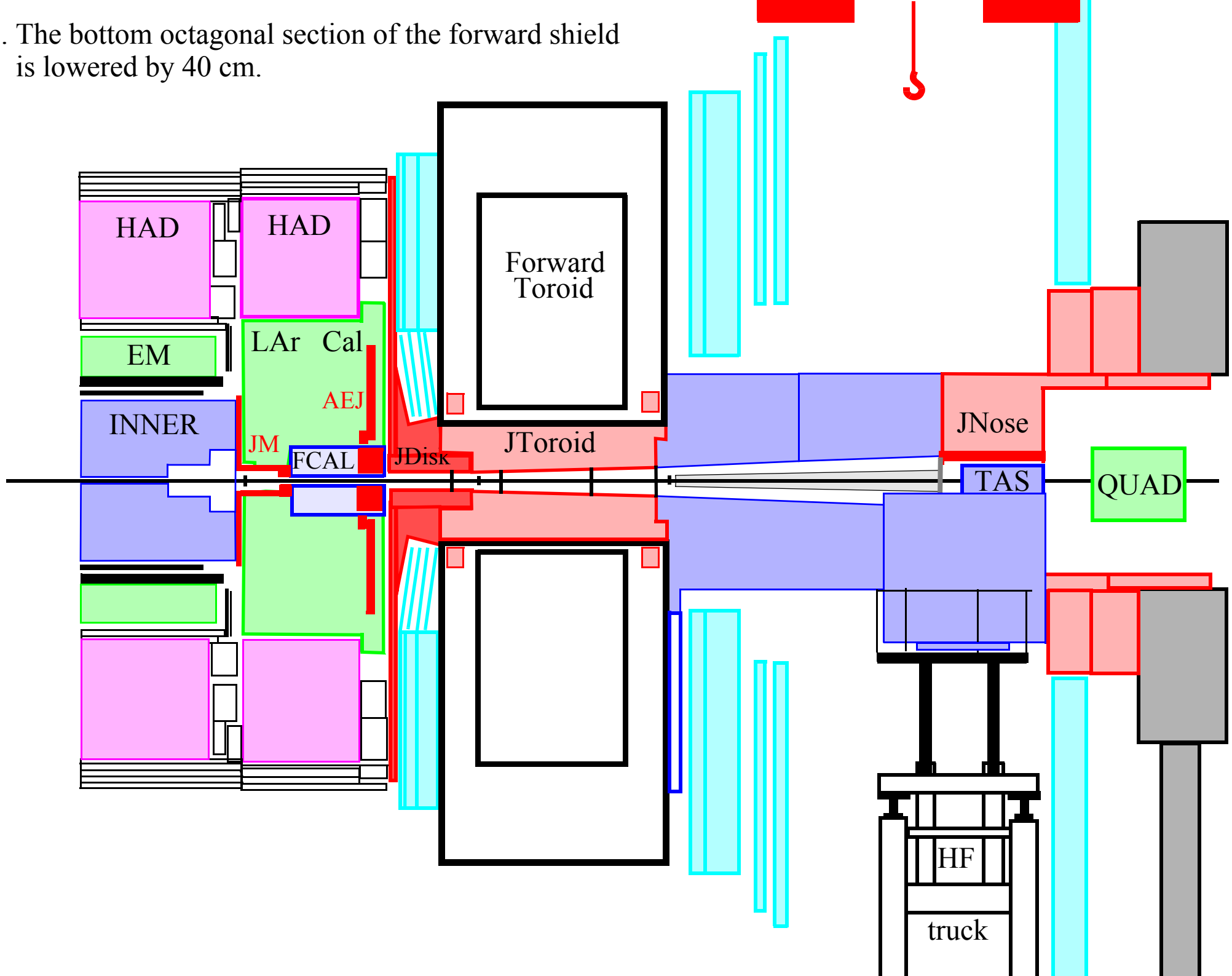


3. The bottom octagonal section of the forward shield is removed.

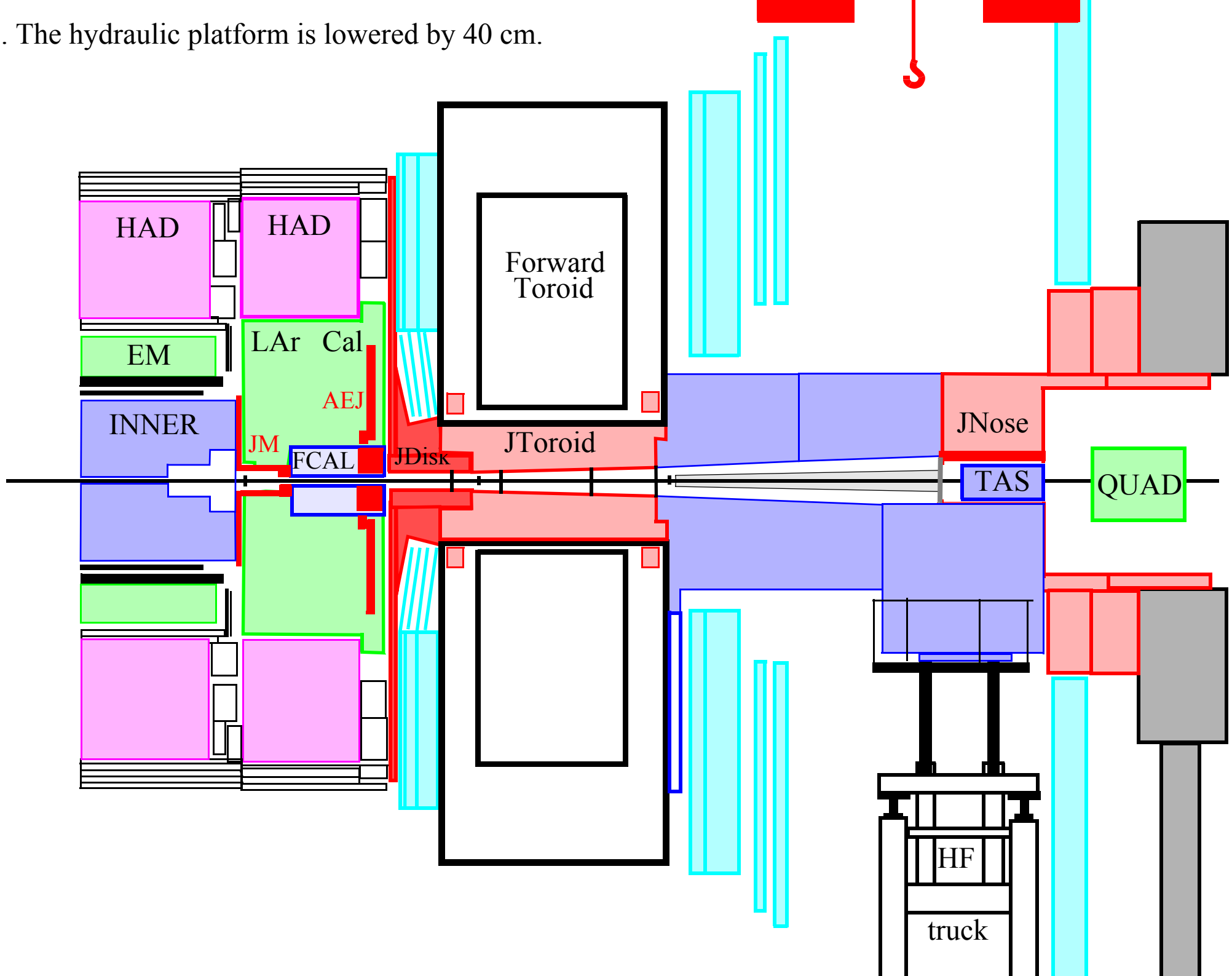


CAVERN CRANE OPTION

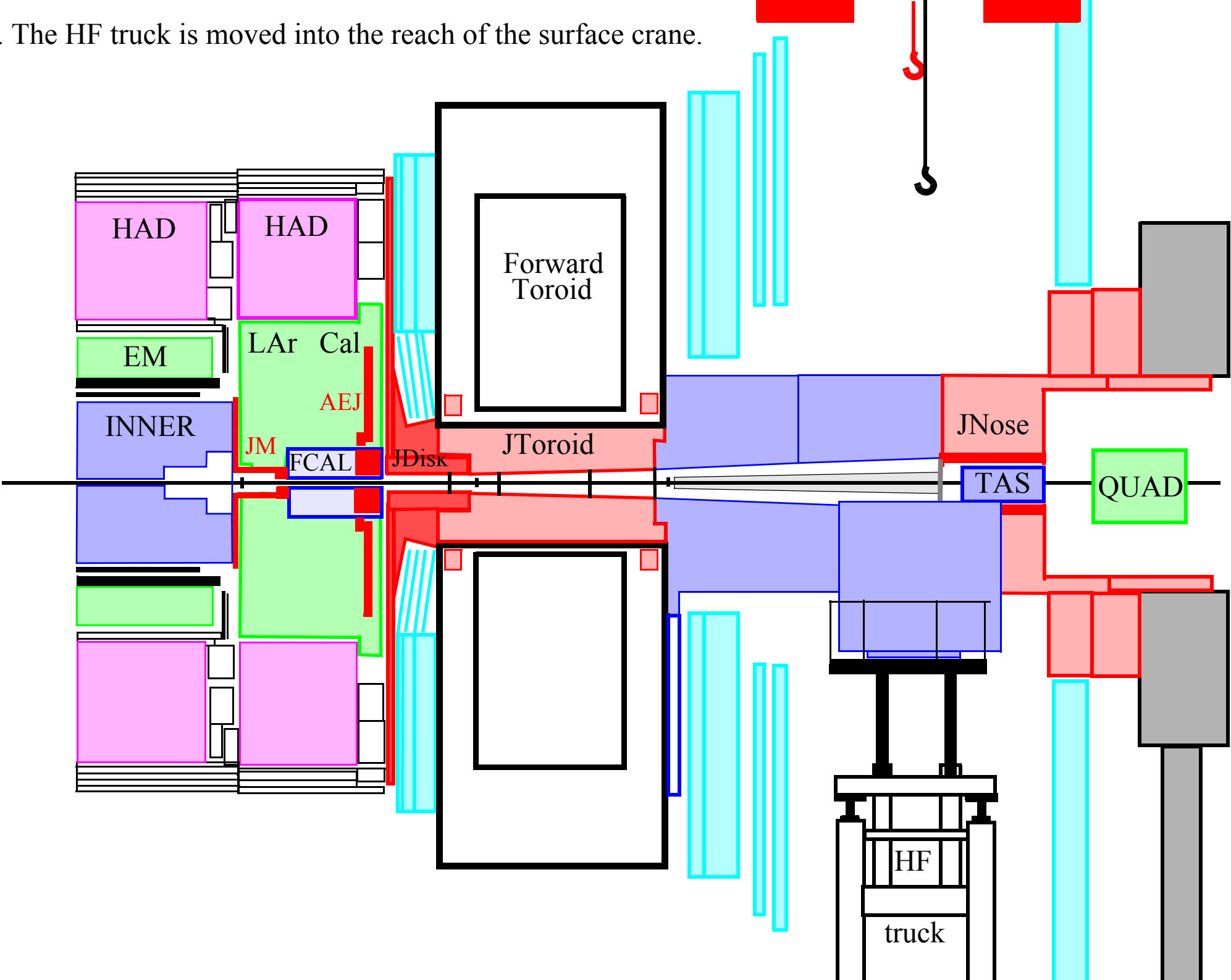
1. The bottom octagonal section of the forward shield is lowered by 40 cm.



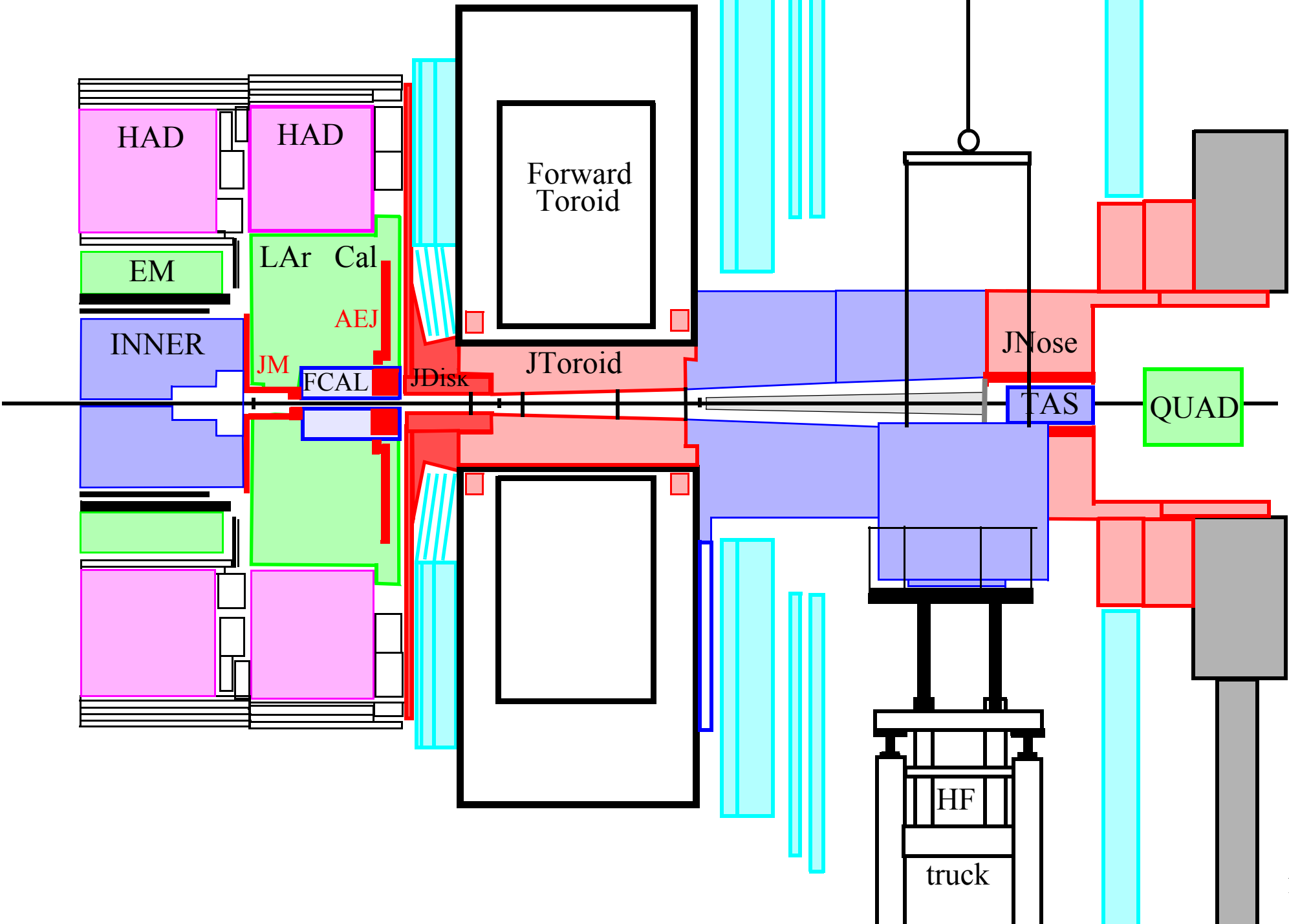
1. The hydraulic platform is lowered by 40 cm.



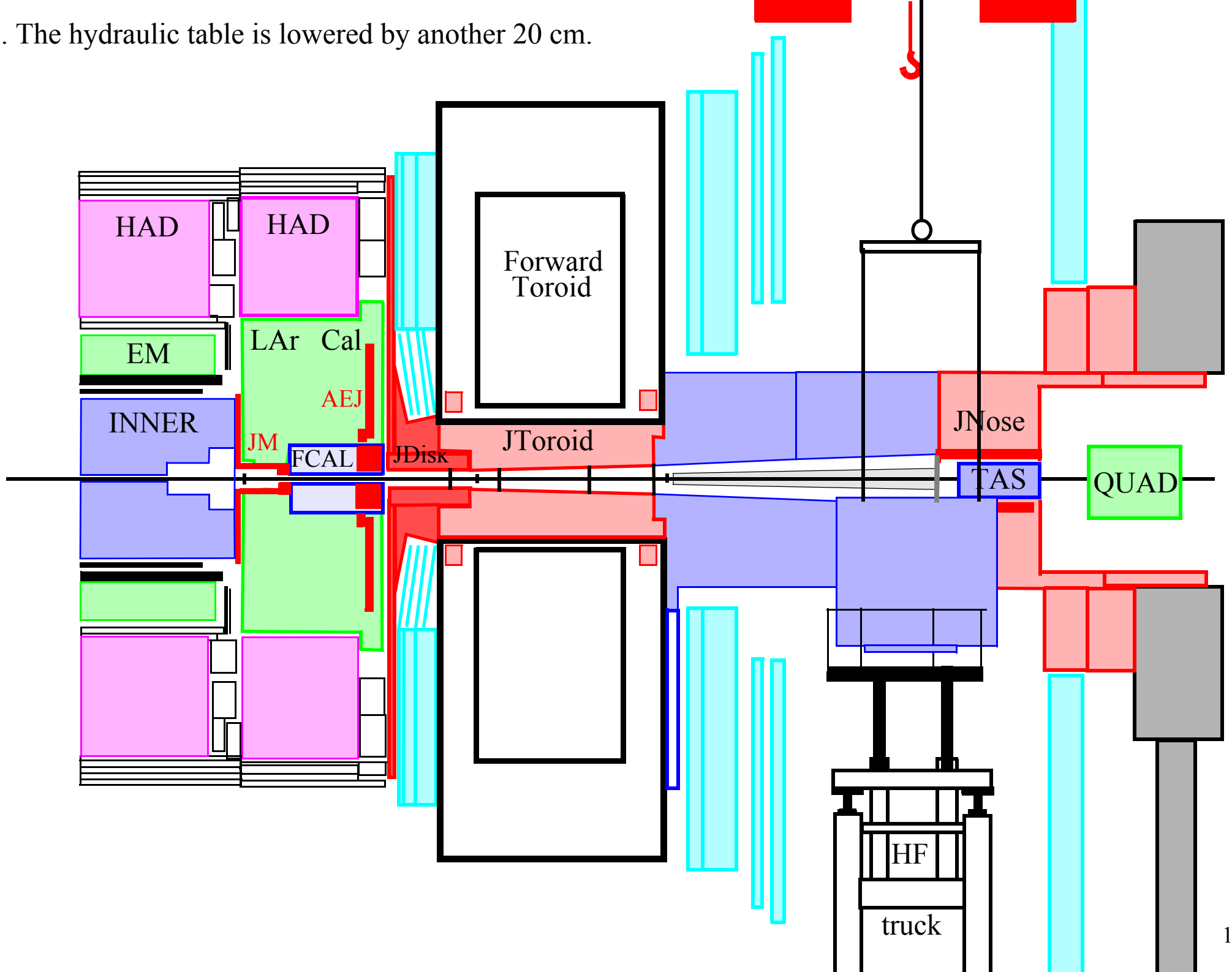
2. The HF truck is moved into the reach of the surface crane.



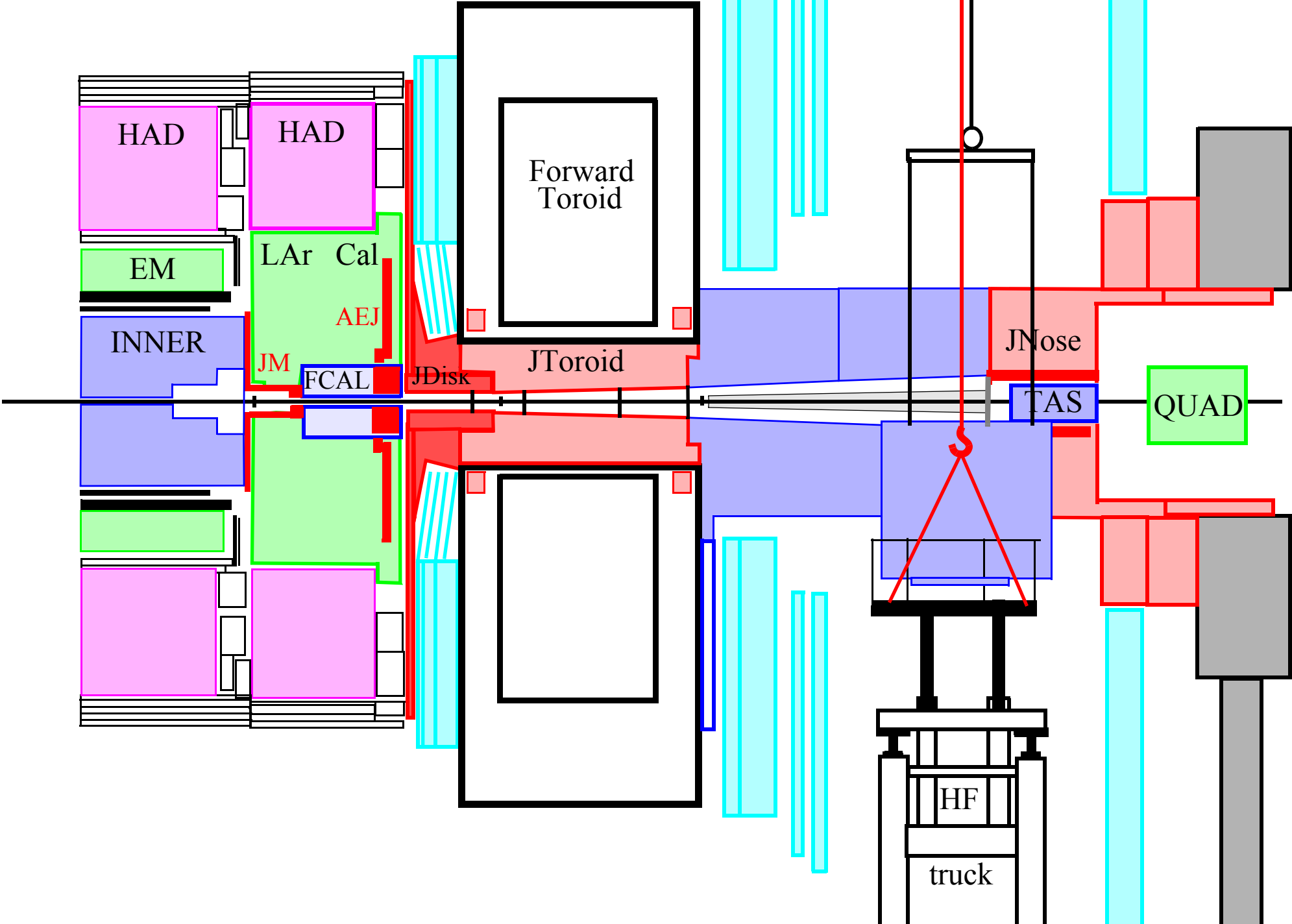
3. The octagonal section is attached to the surface crane.



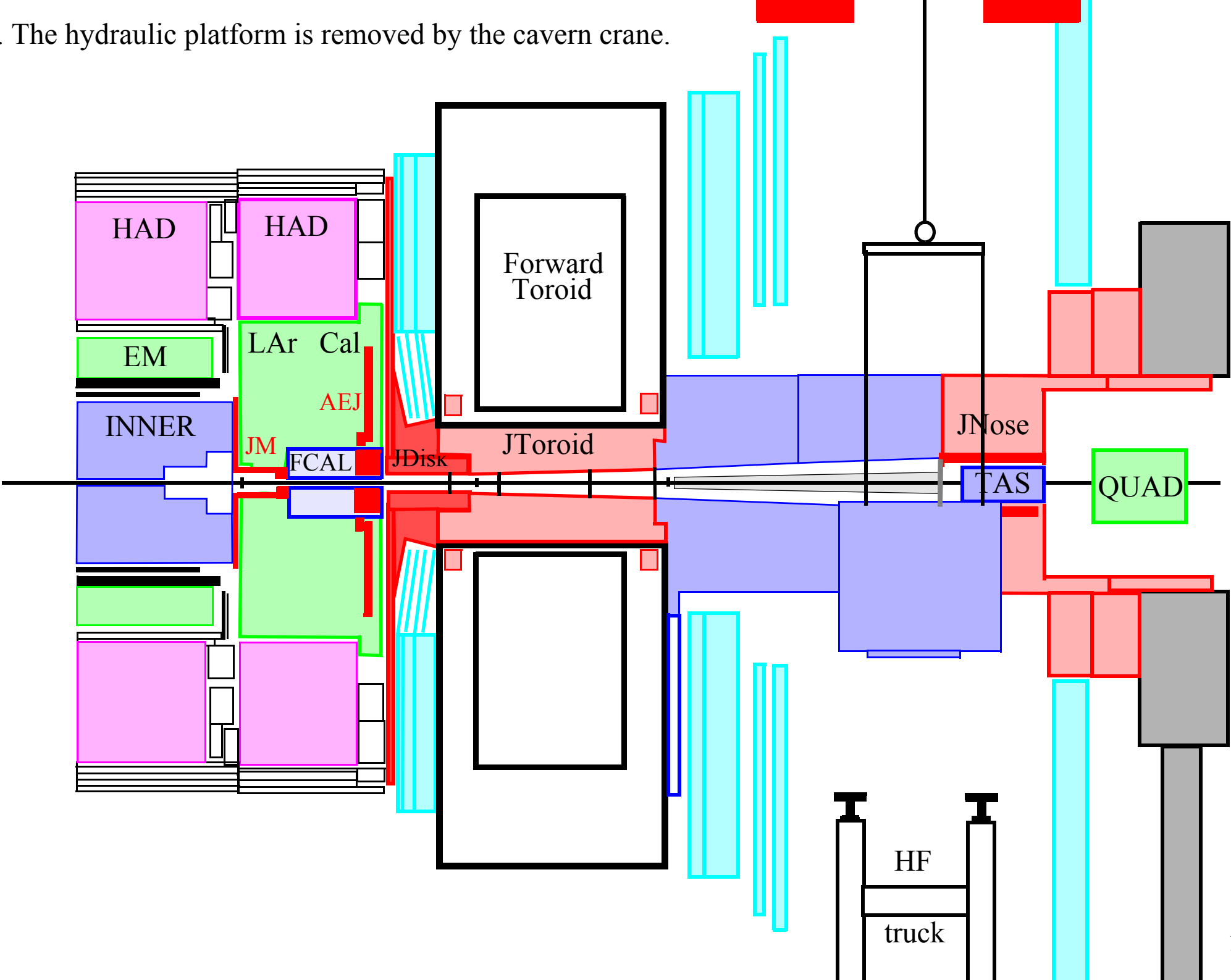
4. The hydraulic table is lowered by another 20 cm.



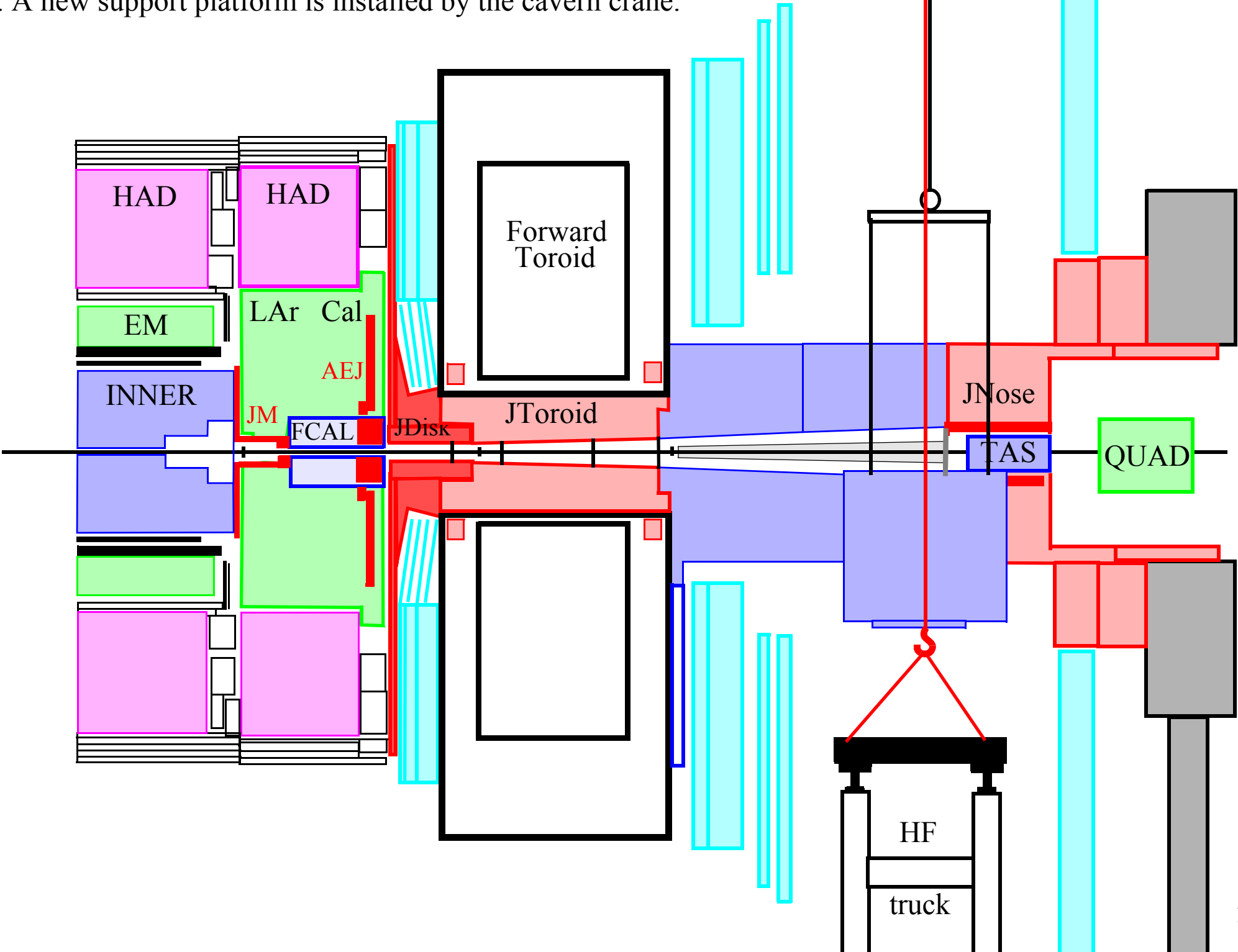
5. The HF truck is moved sideways and the hydraulic platform is removed by the cavern crane.



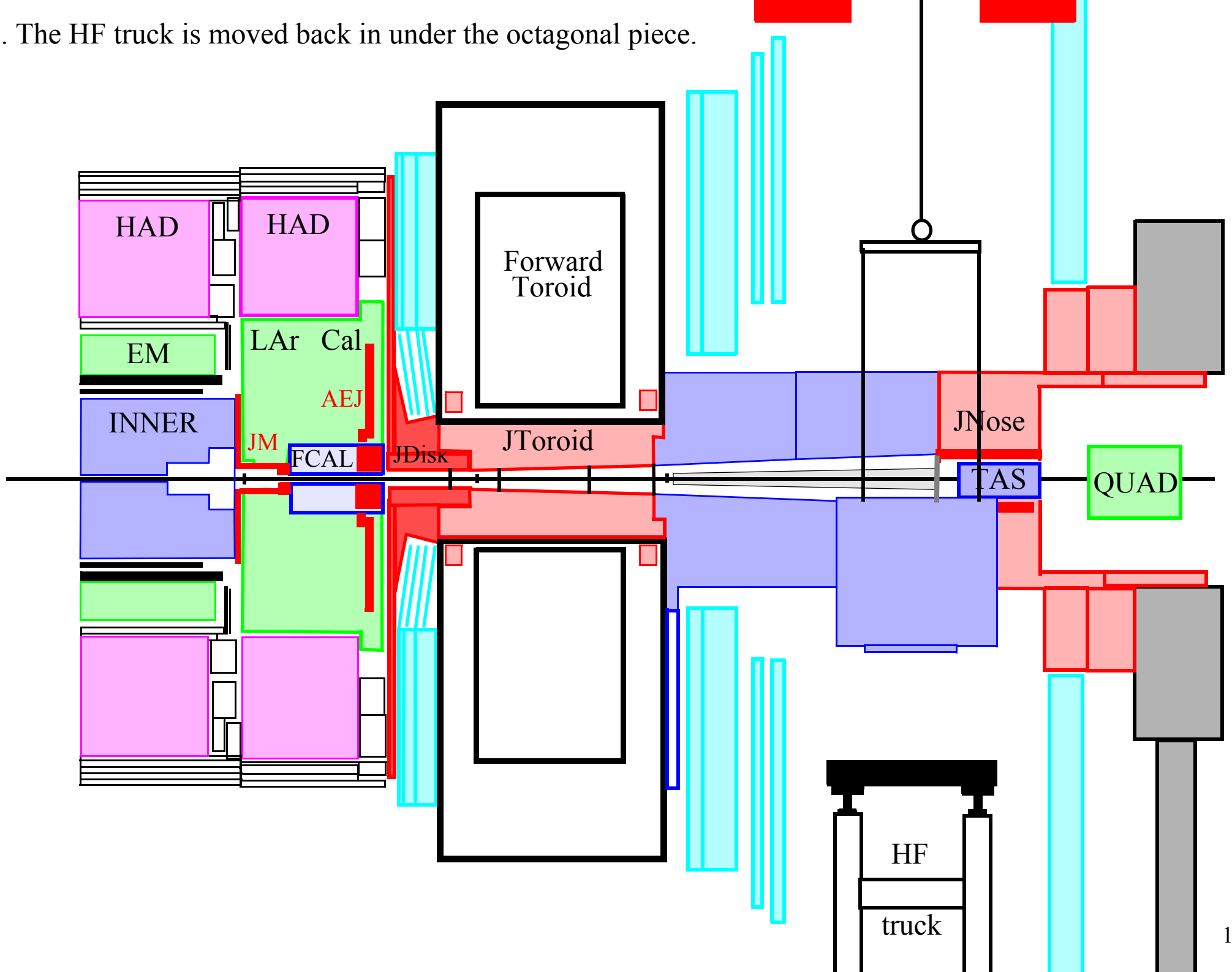
5. The hydraulic platform is removed by the cavern crane.



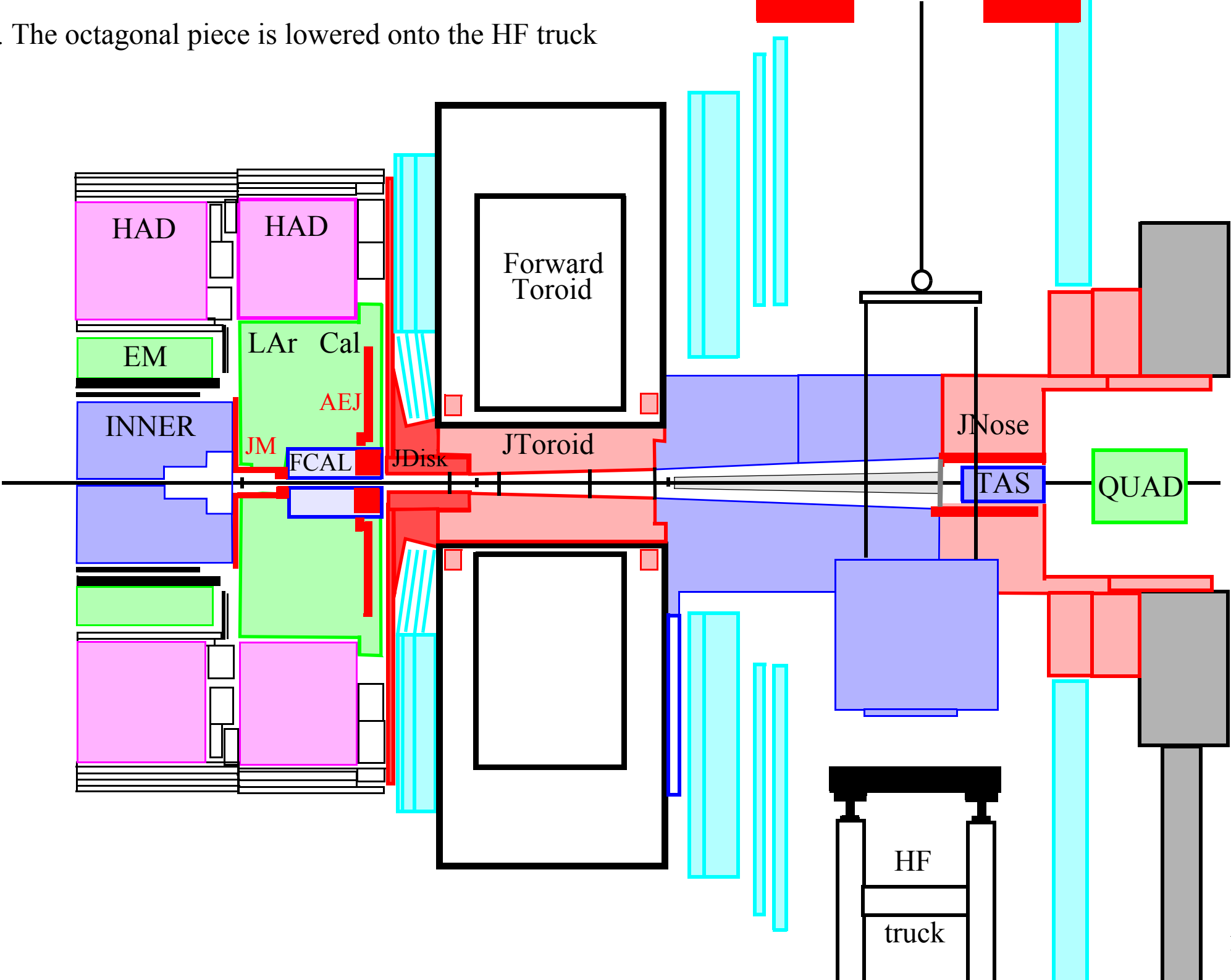
6. A new support platform is installed by the cavern crane.



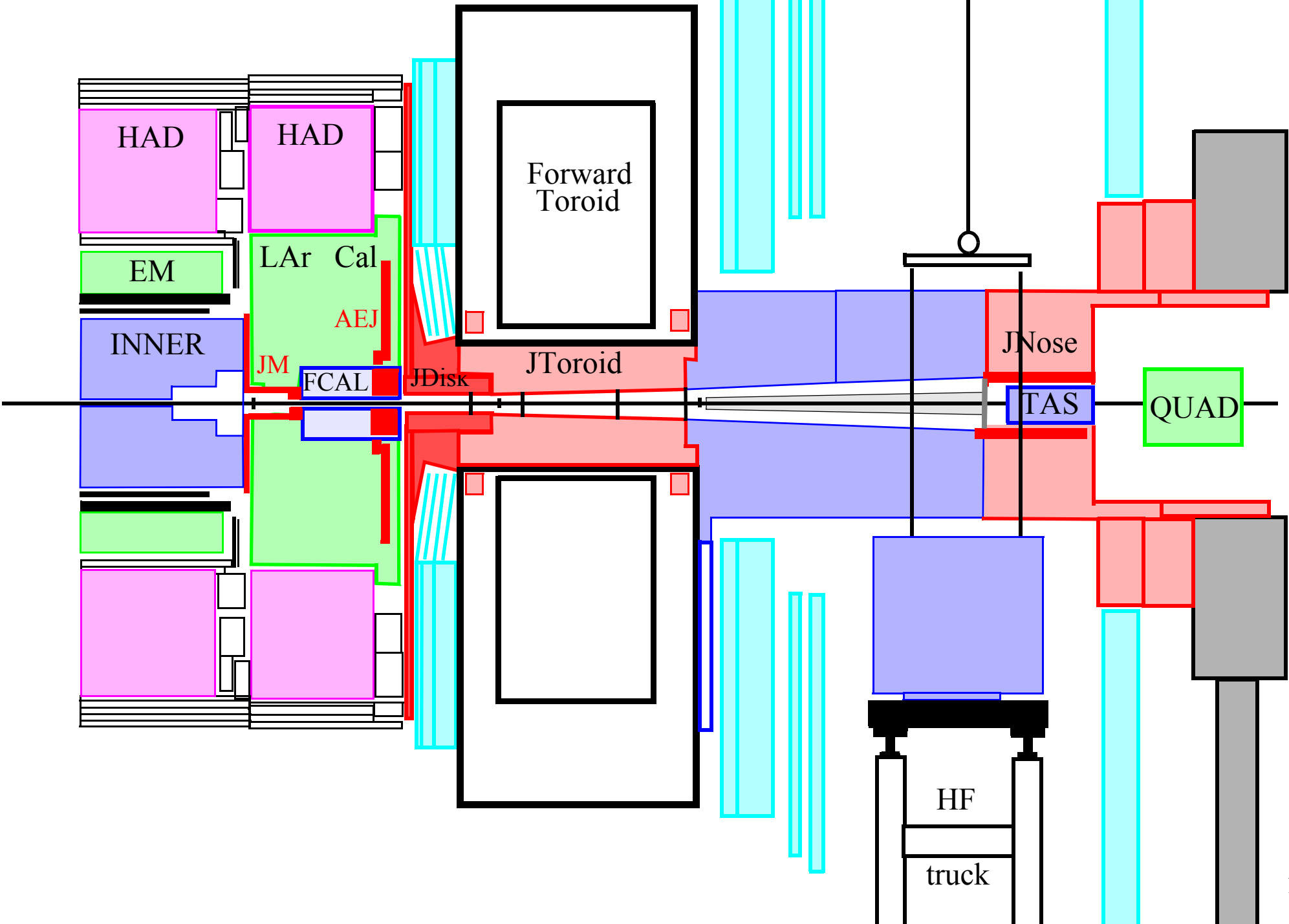
7. The HF truck is moved back in under the octagonal piece.



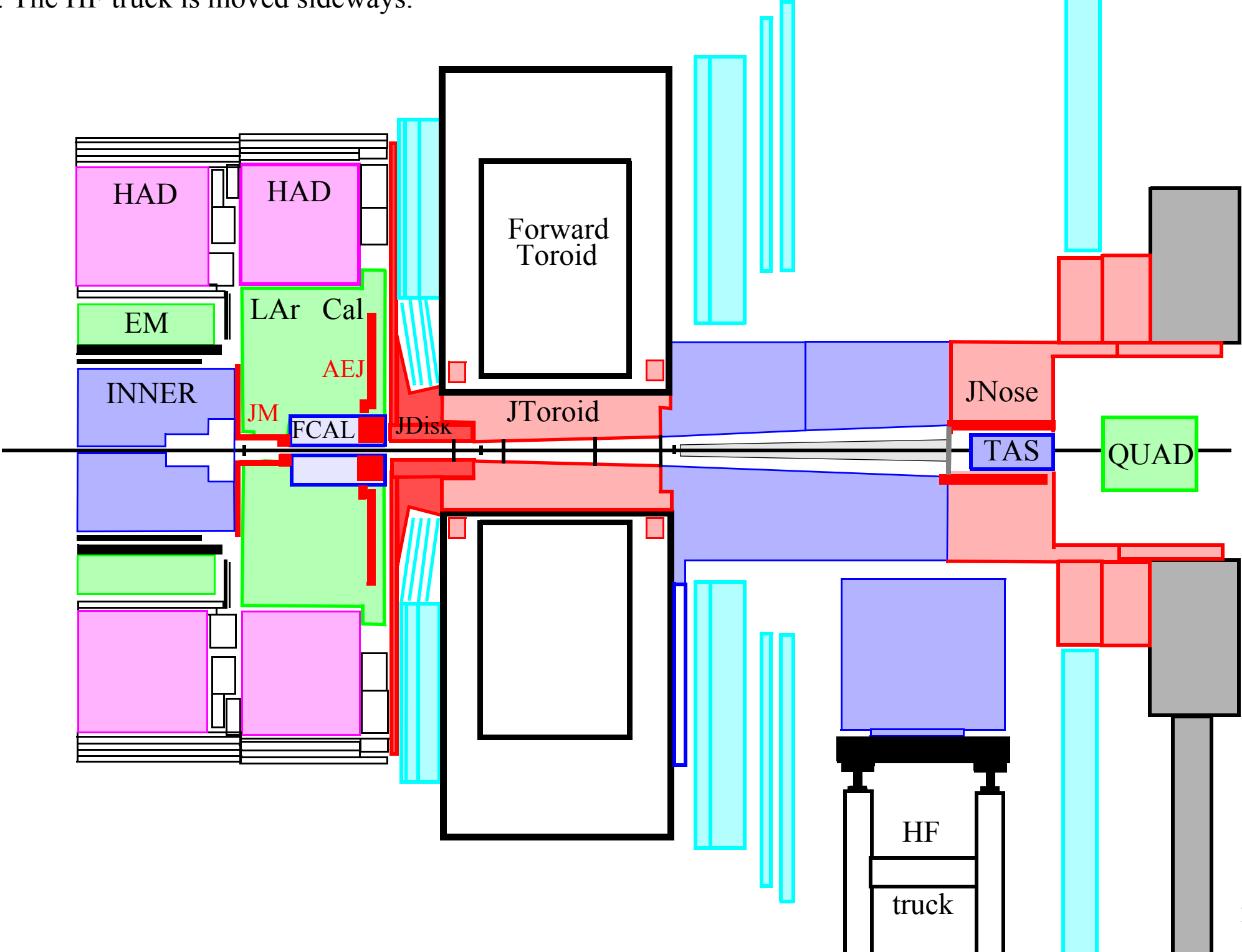
8. The octagonal piece is lowered onto the HF truck



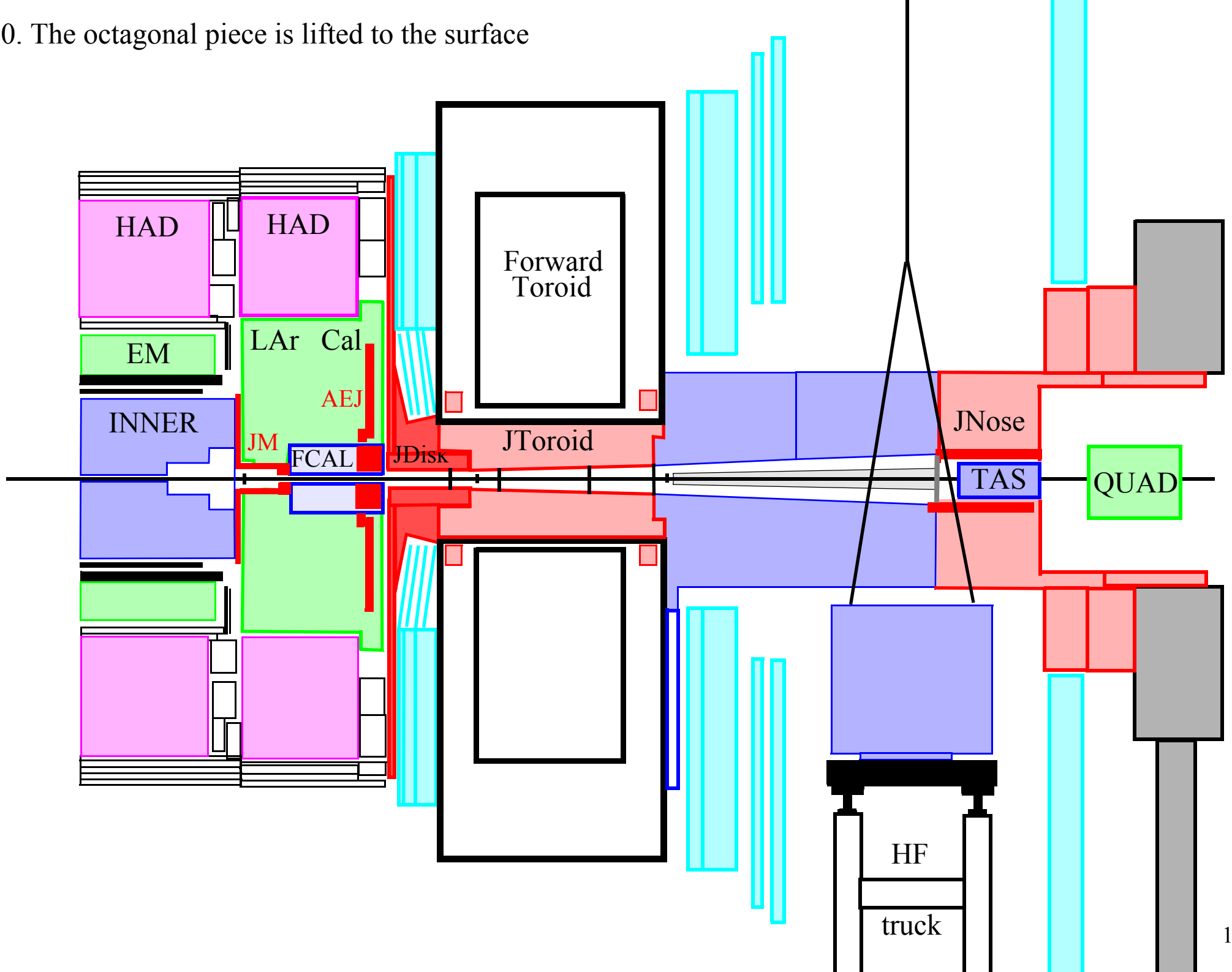
8. The octagonal piece is lowered onto the HF truck



9. The HF truck is moved sideways.

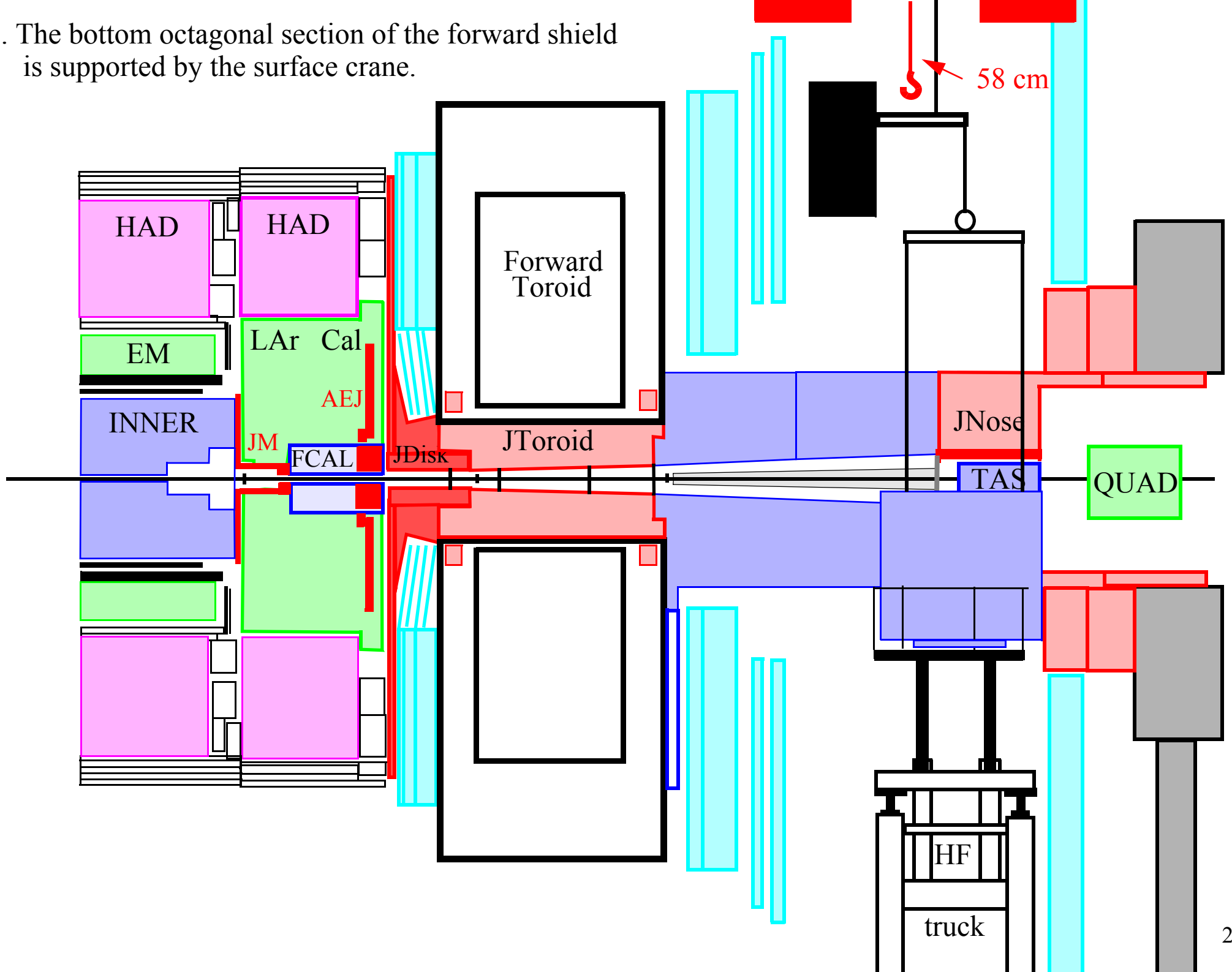


10. The octagonal piece is lifted to the surface

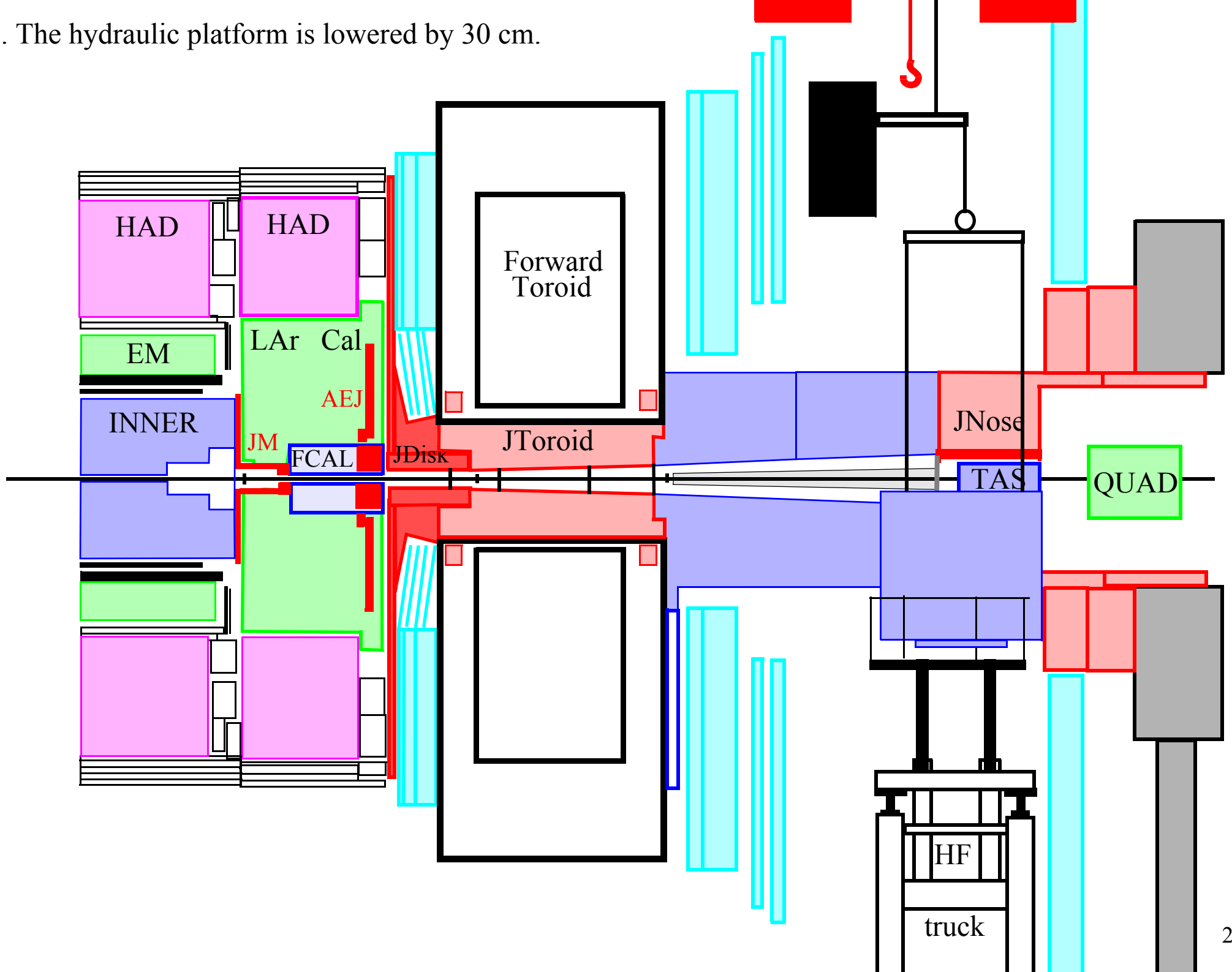


CAVERN CRANE OPTION using a counter weight

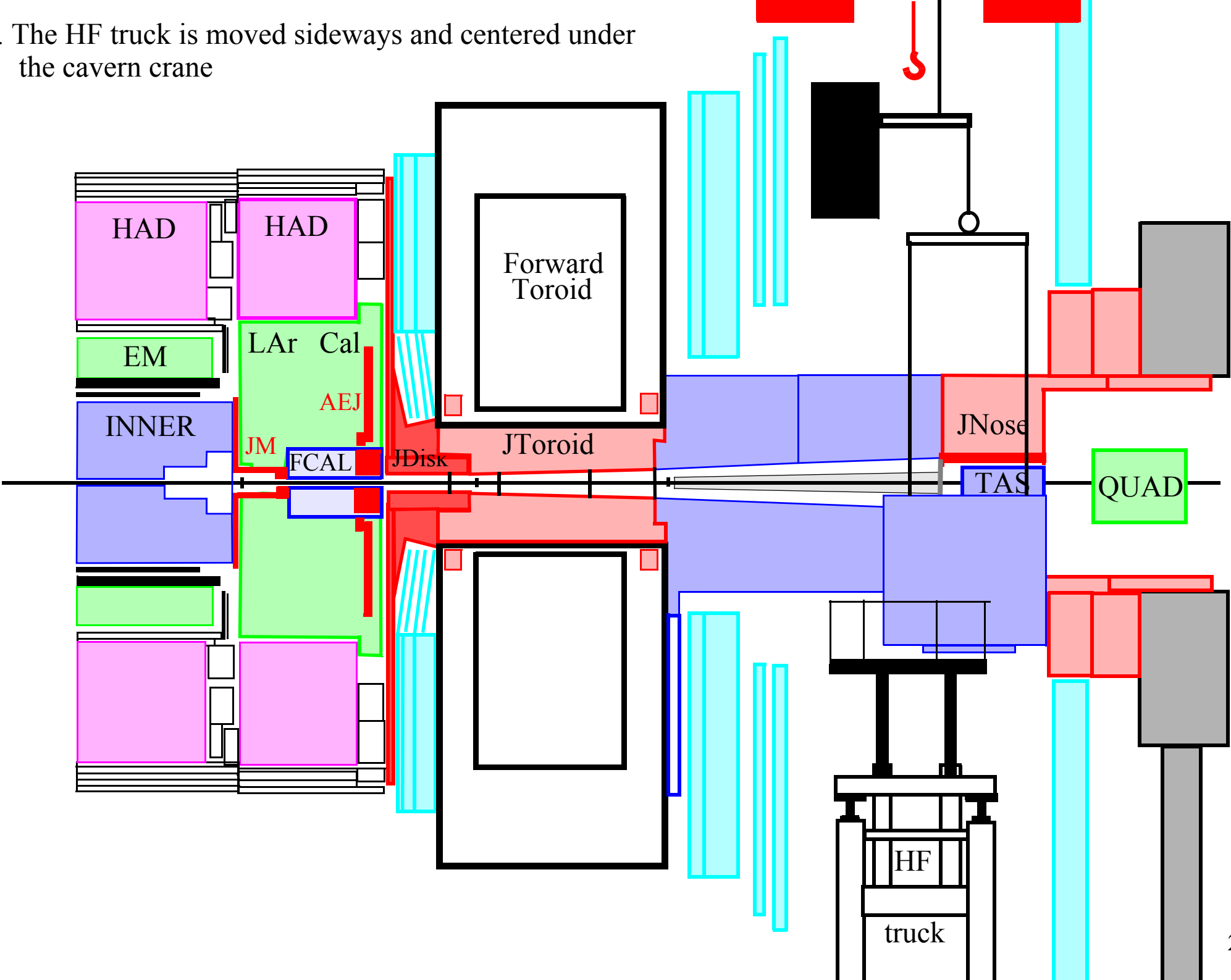
1. The bottom octagonal section of the forward shield is supported by the surface crane.



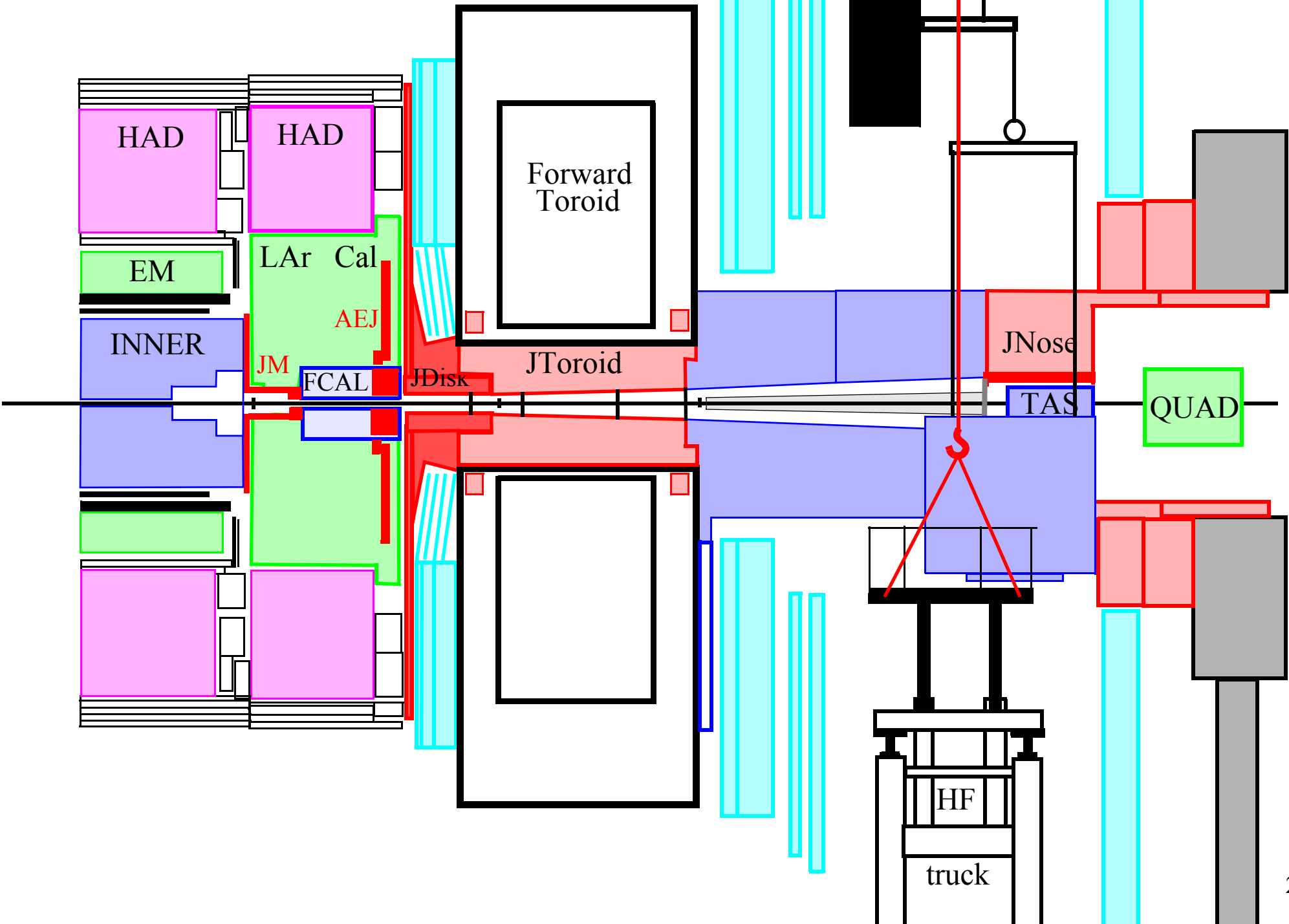
2. The hydraulic platform is lowered by 30 cm.



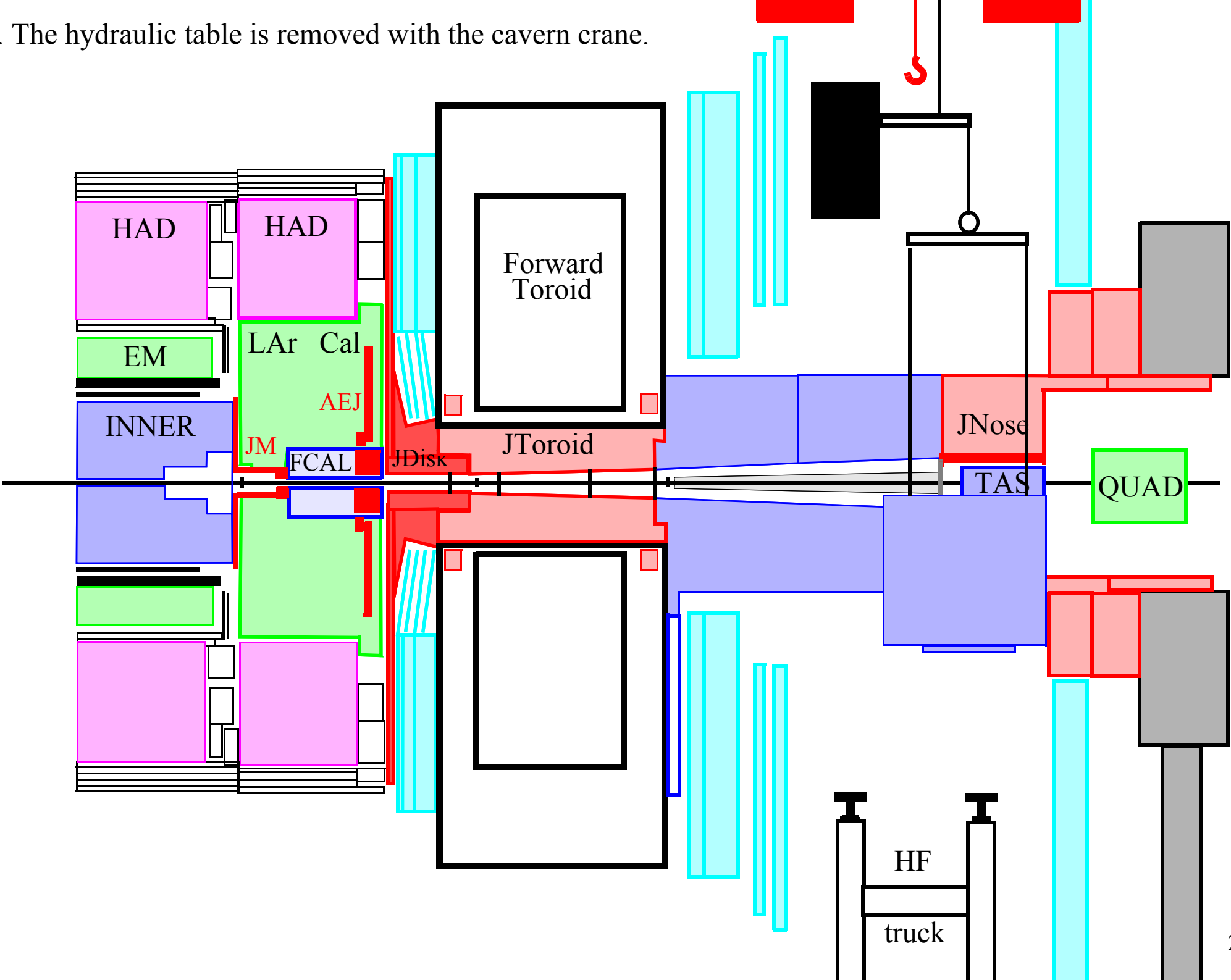
3. The HF truck is moved sideways and centered under the cavern crane



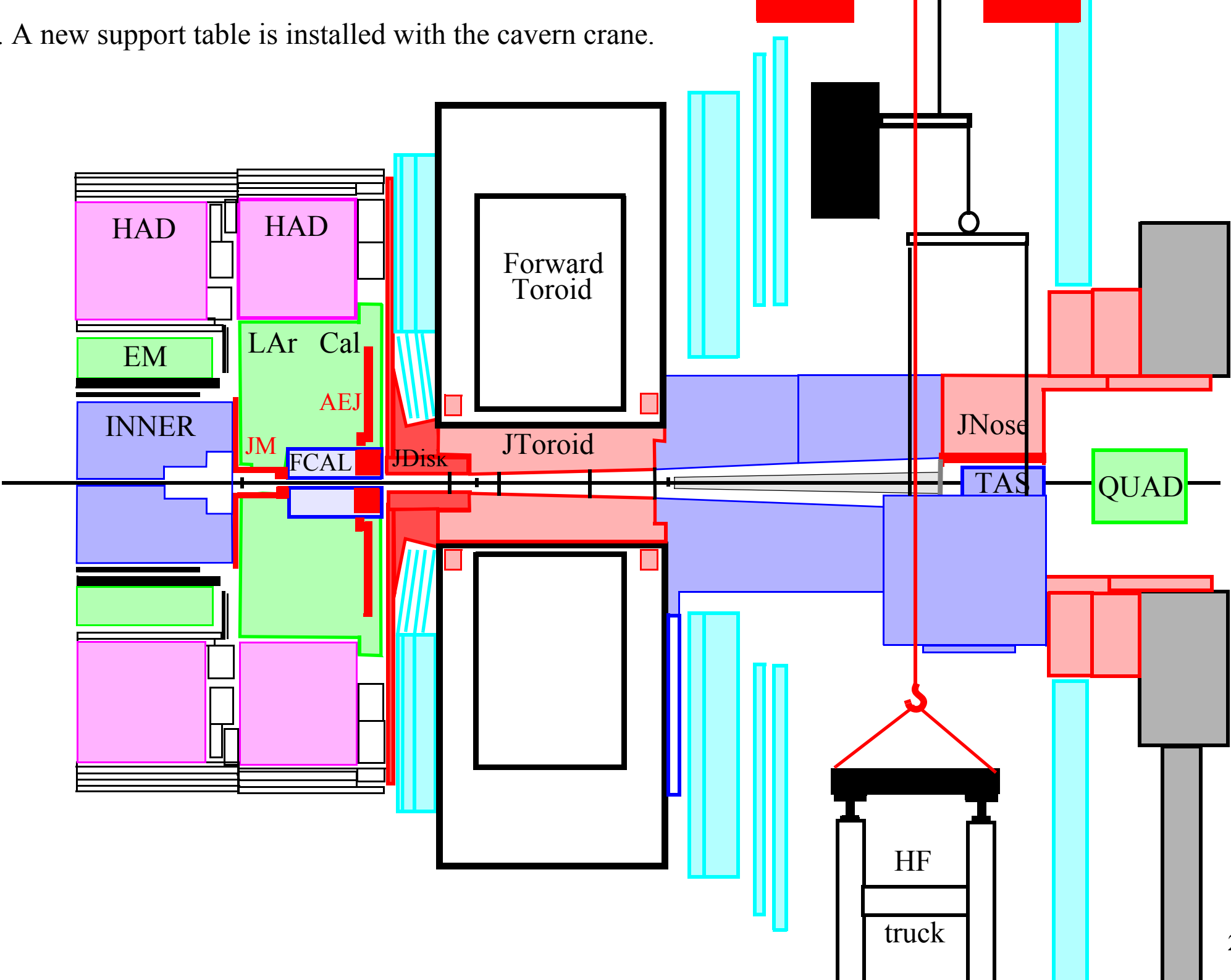
4. The hydraulic table is removed with the cavern crane.



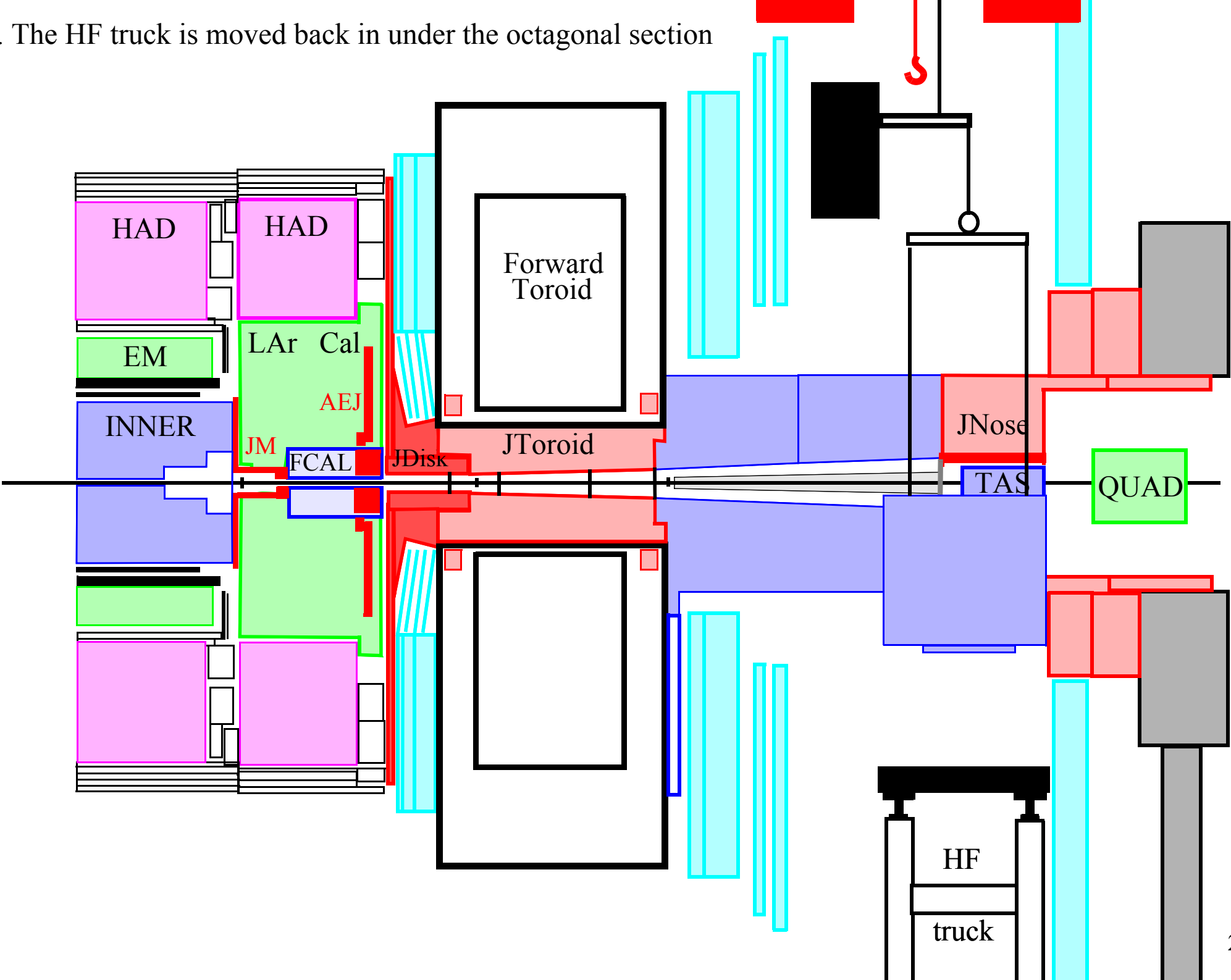
4. The hydraulic table is removed with the cavern crane.



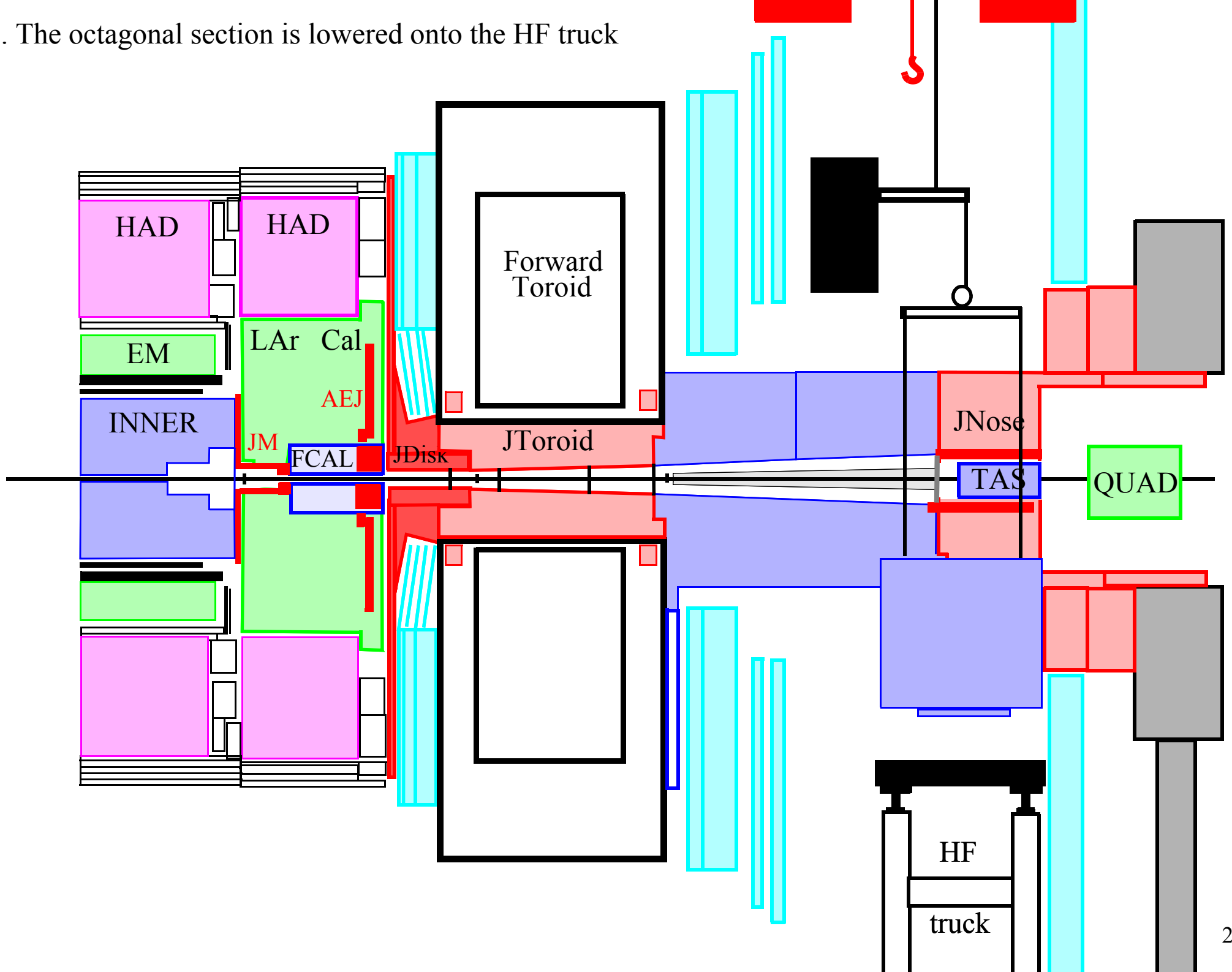
5. A new support table is installed with the cavern crane.



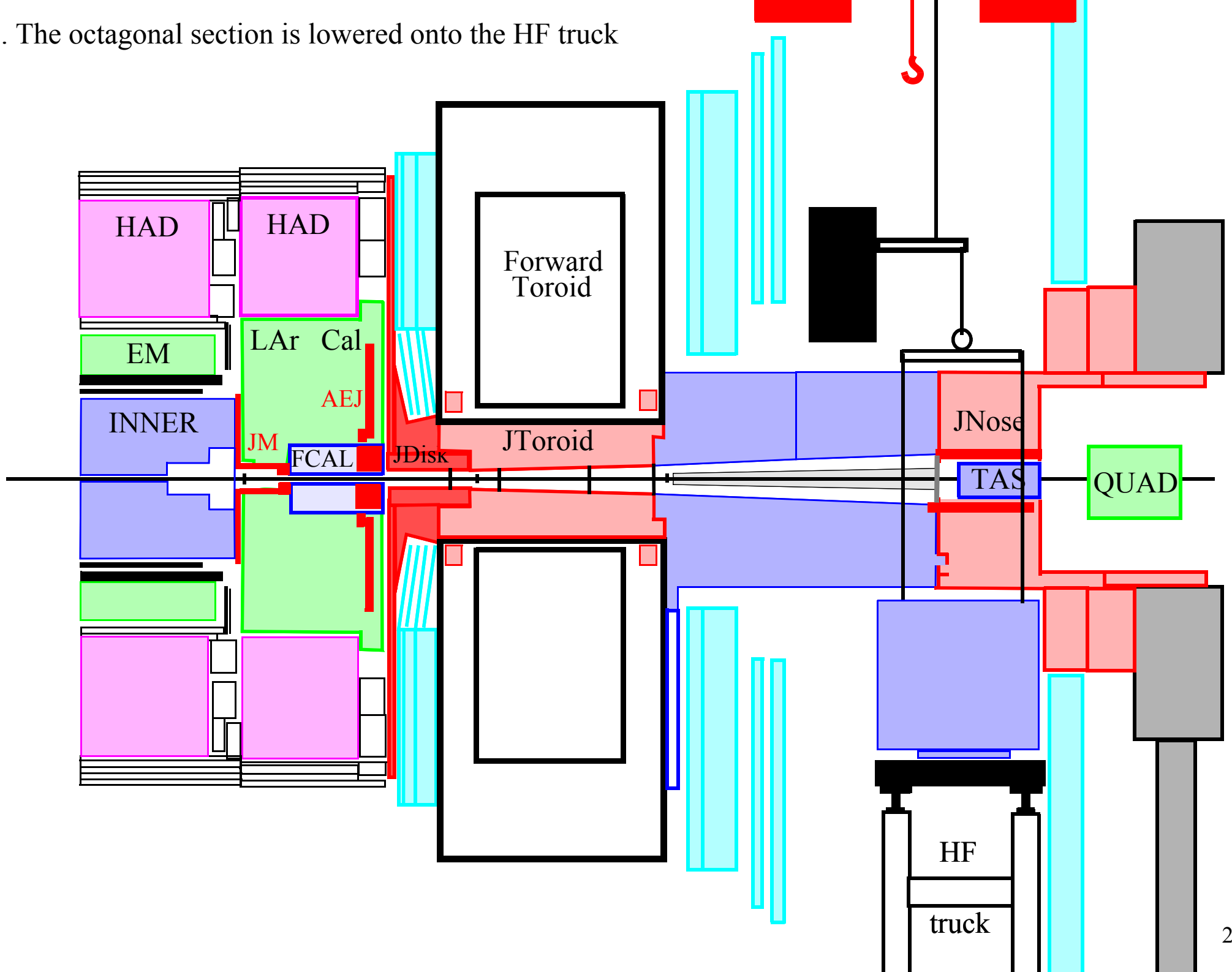
6. The HF truck is moved back in under the octagonal section



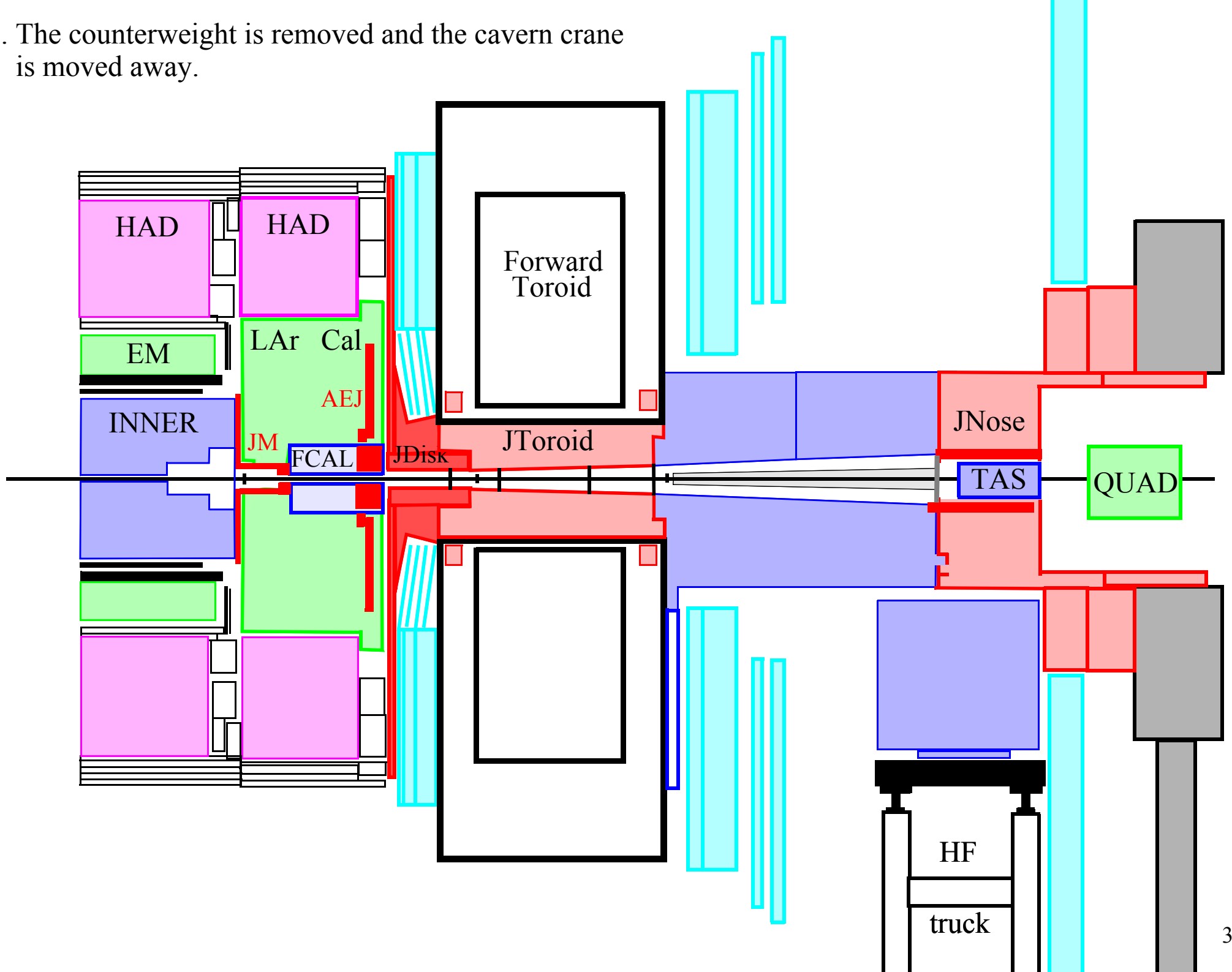
7. The octagonal section is lowered onto the HF truck



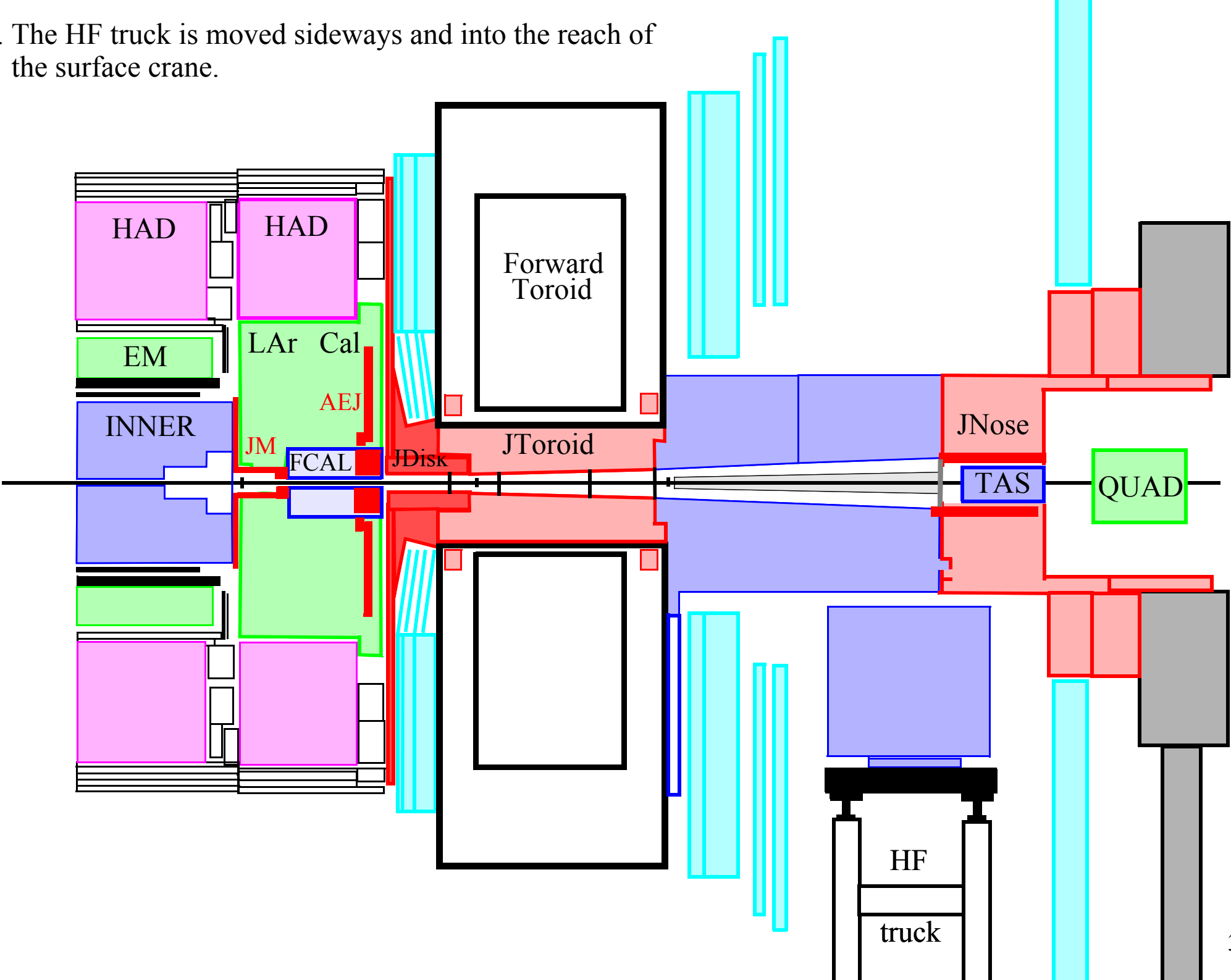
7. The octagonal section is lowered onto the HF truck



8. The counterweight is removed and the cavern crane is moved away.



9. The HF truck is moved sideways and into the reach of the surface crane.



10. The octagonal piece is lifted to the surface.

