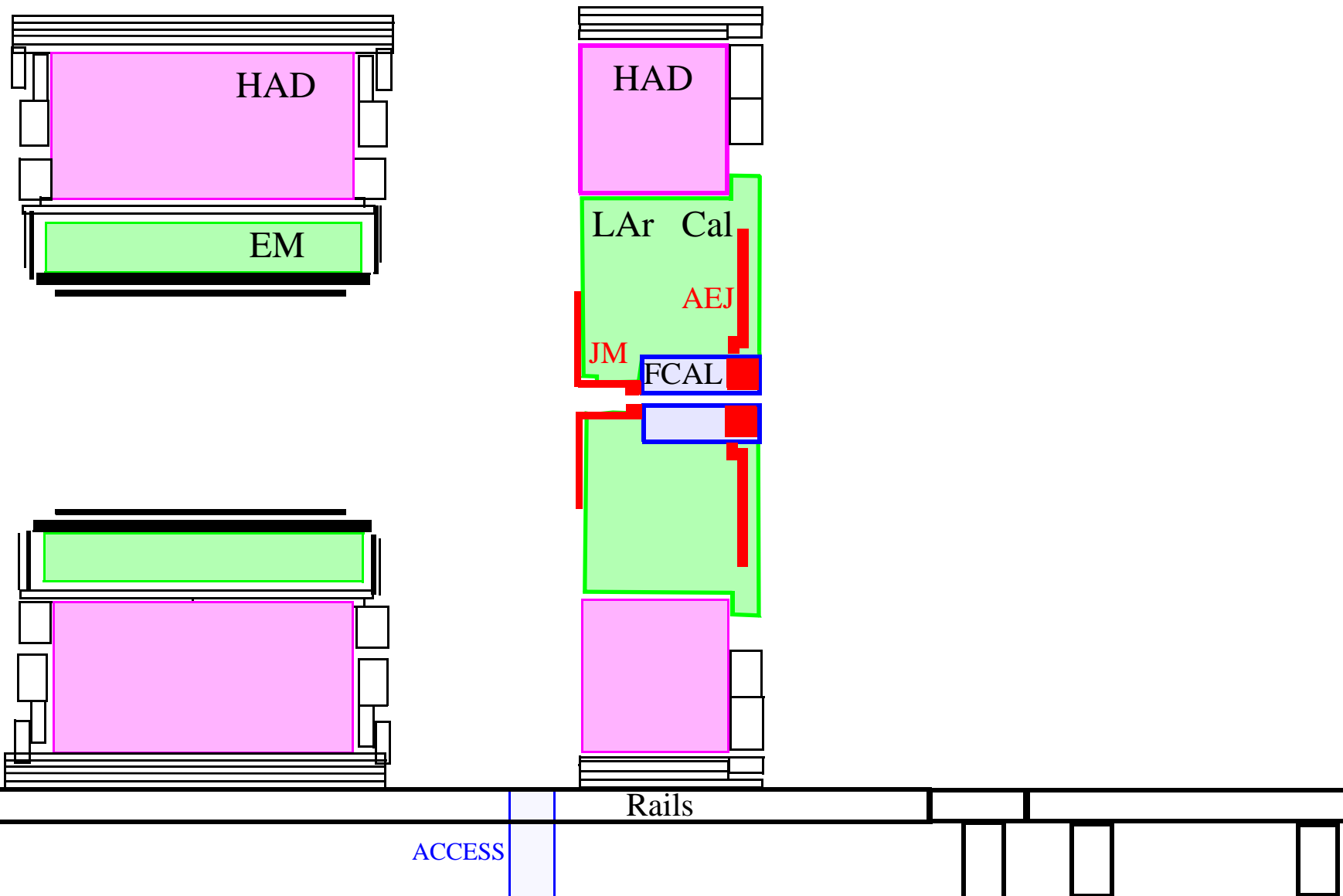


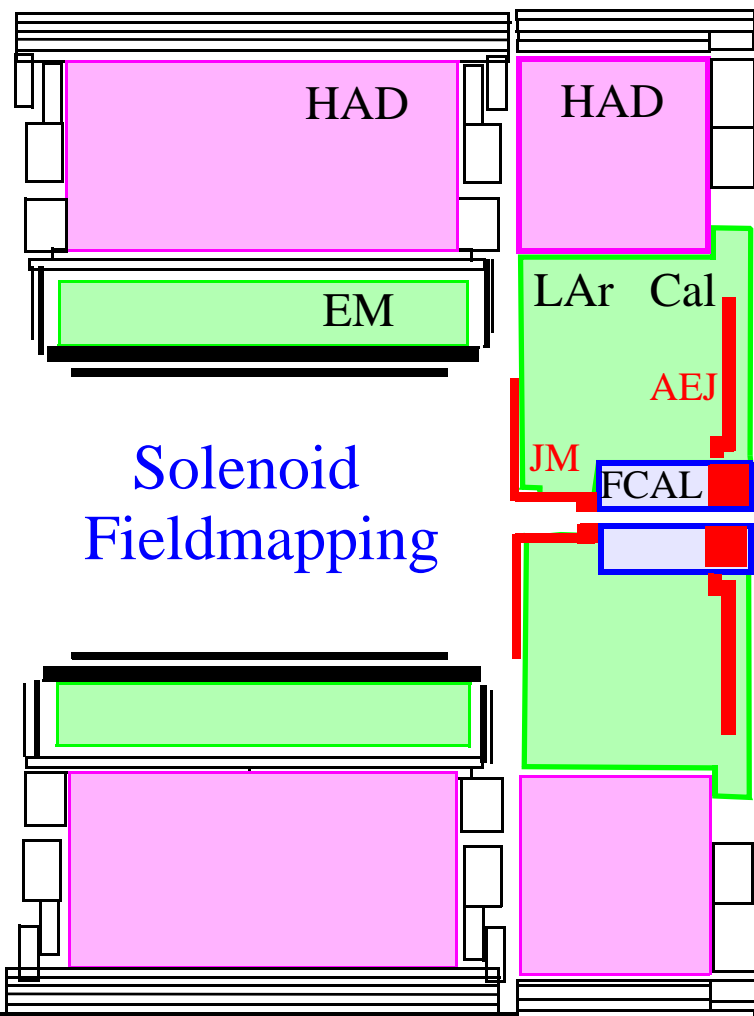
June 2006

Side A

The scenario starts with the field mapping in June 2006 !

There will be no JD on side A for the mapping !





Solenoid
Fieldmapping

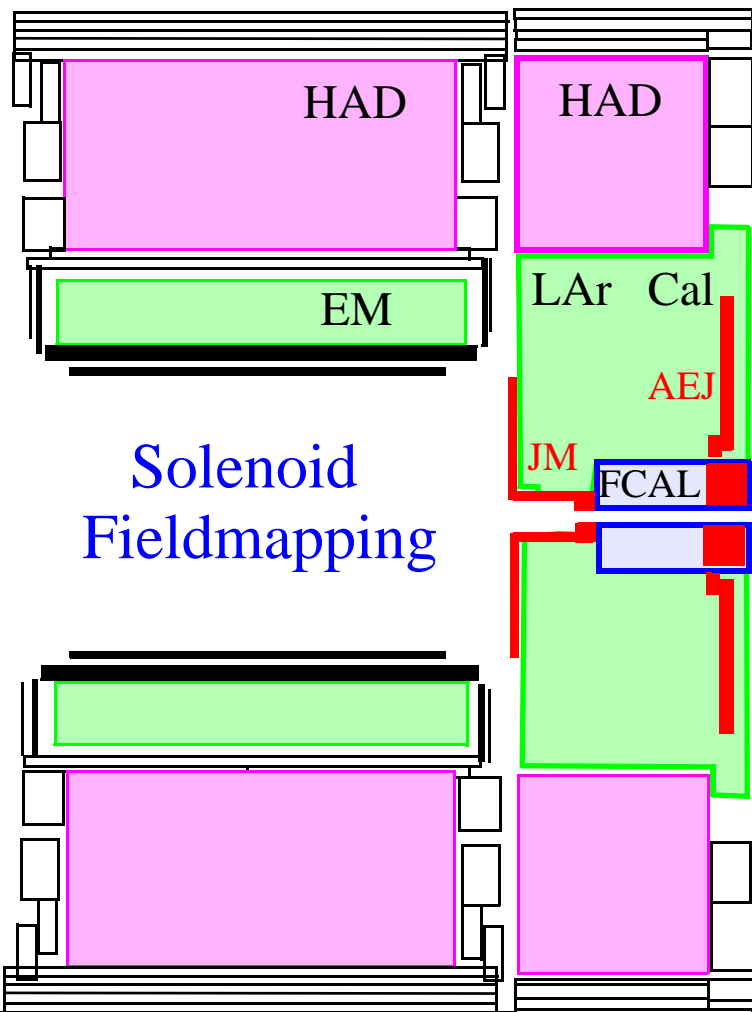
1.7m

Rails

Half truck

HF truck

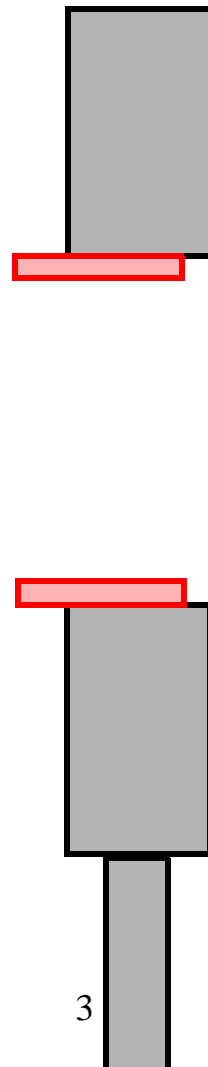
ACCESS



Solenoid
Fieldmapping

Rails

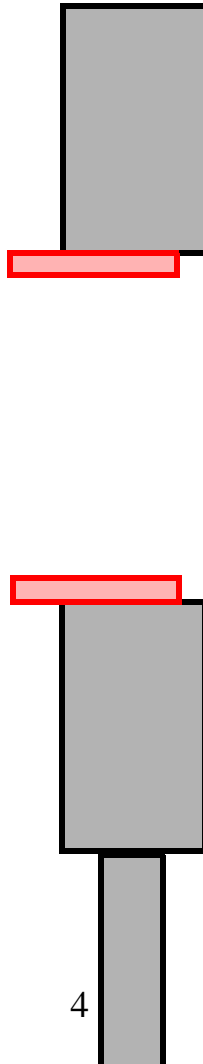
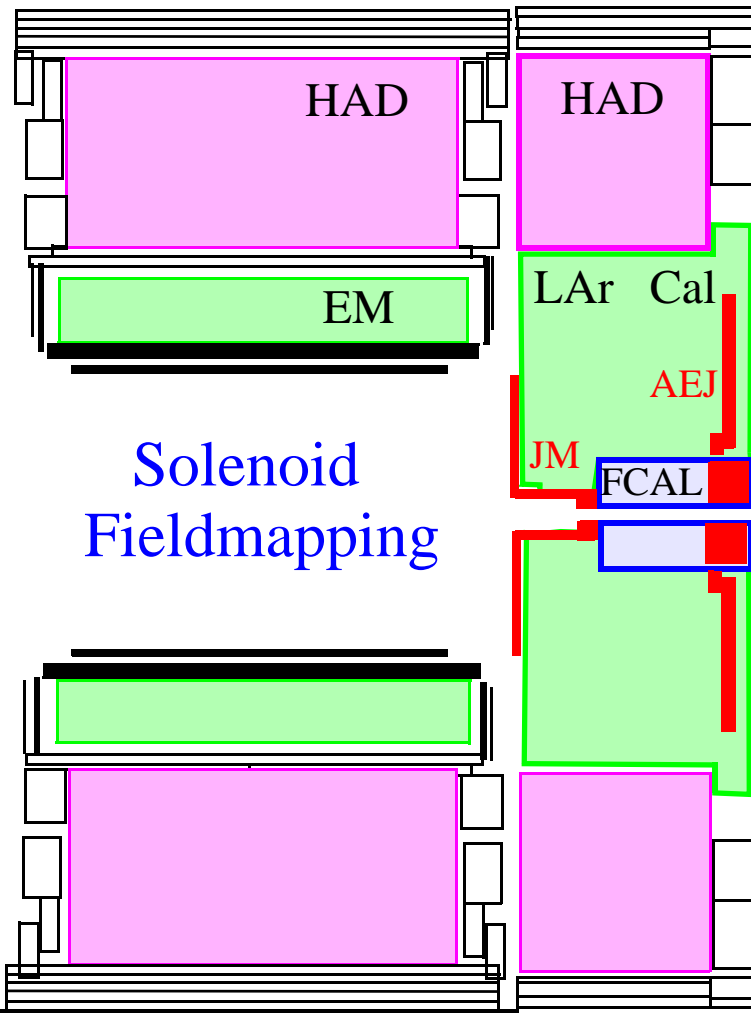
ACCESS



Can the JN monobloc be installed already at this stage ?

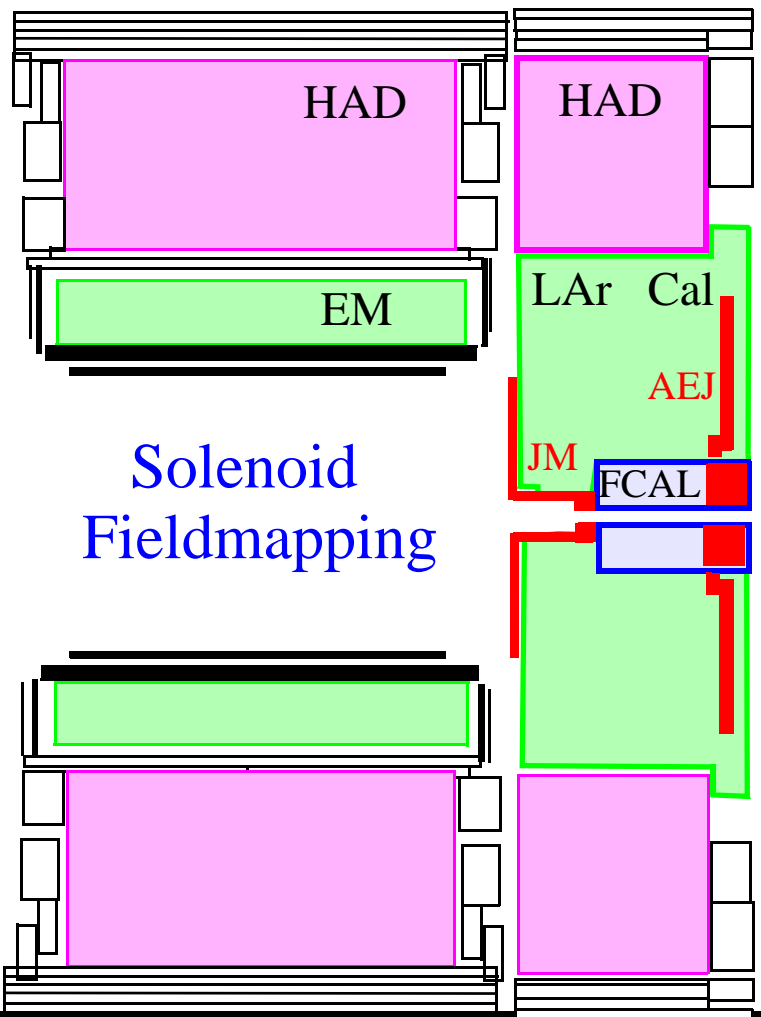


OPAL BEAMS



ACCESS

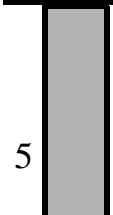
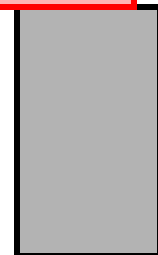
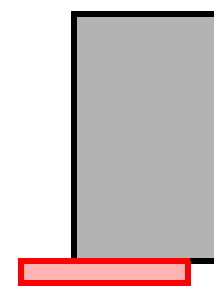
Rails

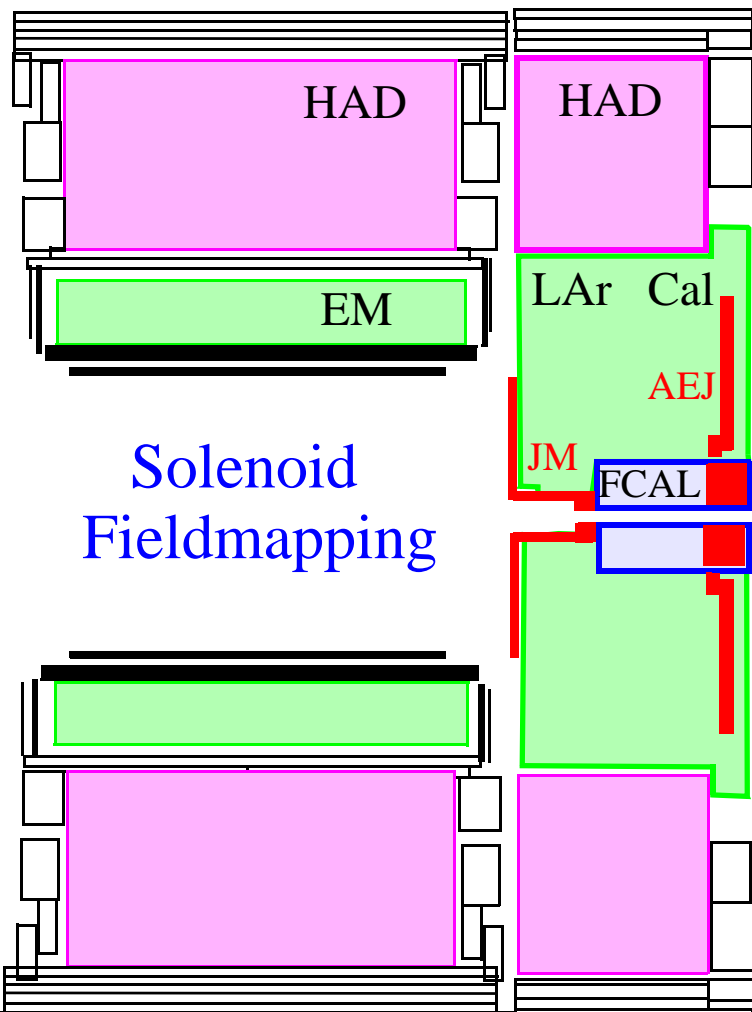


Solenoid
Fieldmapping

Rails

ACCESS

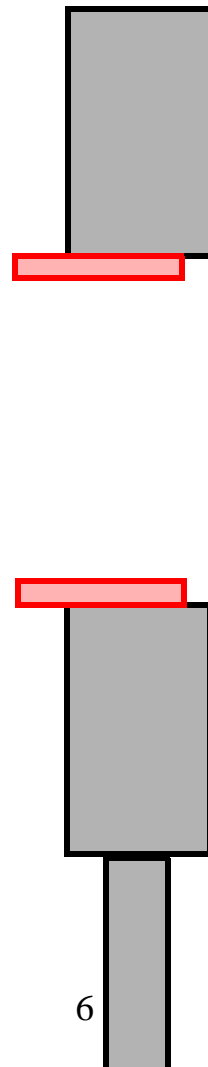


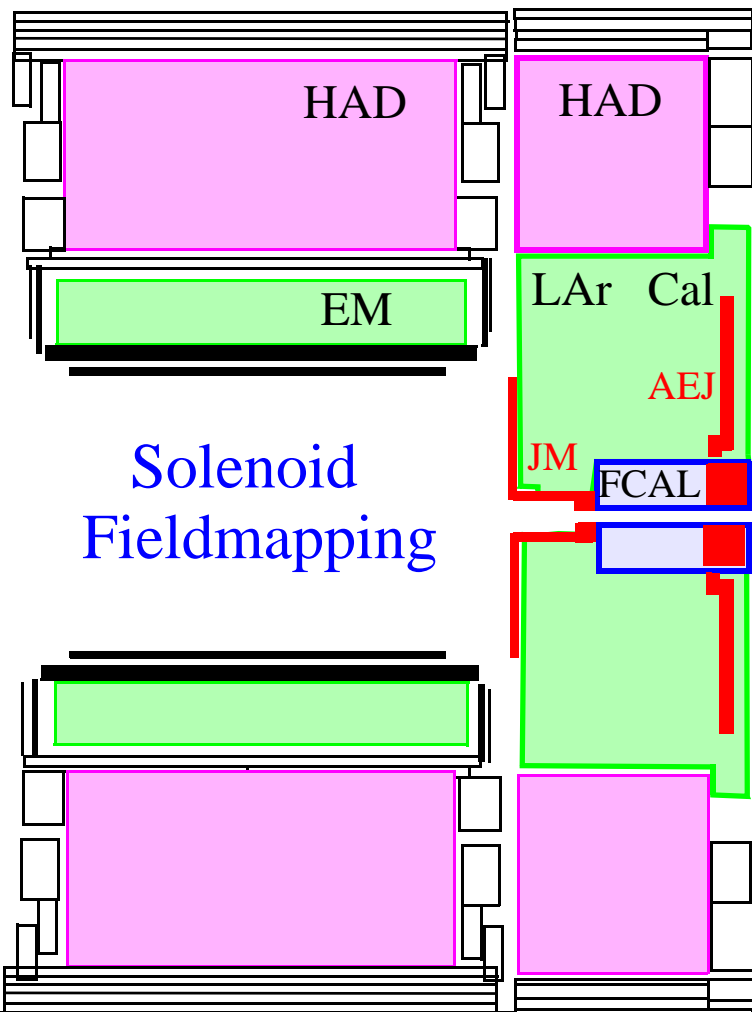


Solenoid
Fieldmapping

Rails

ACCESS

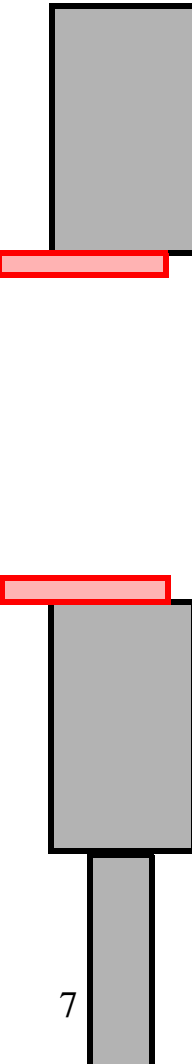




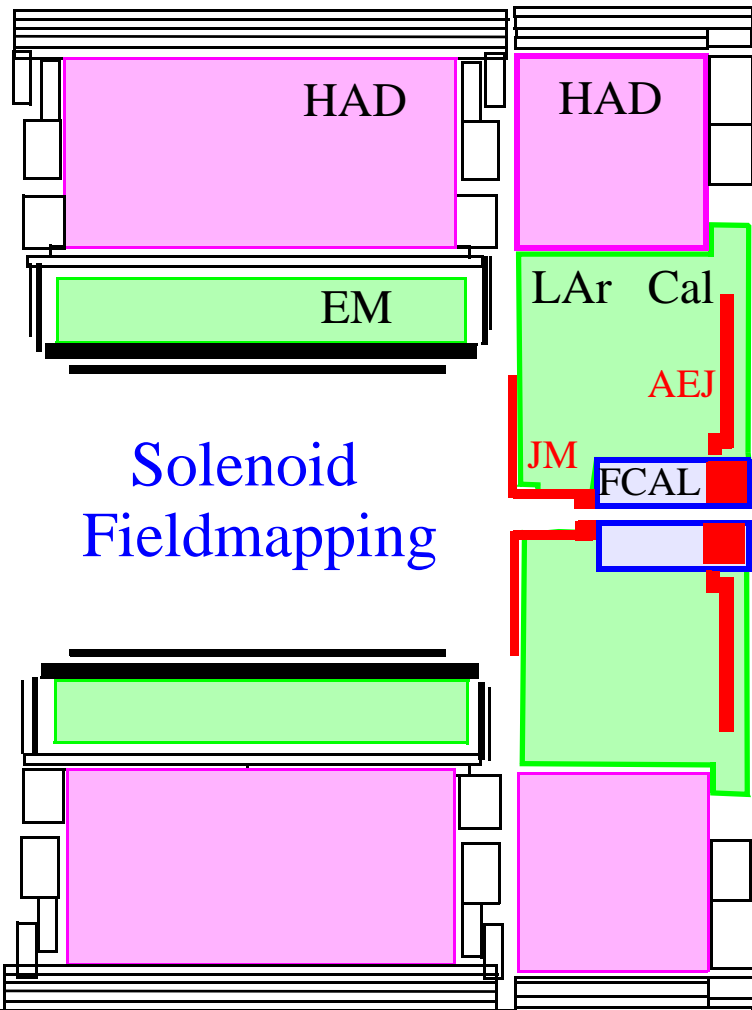
Solenoid
Fieldmapping

Rails

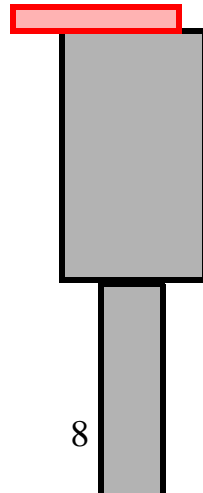
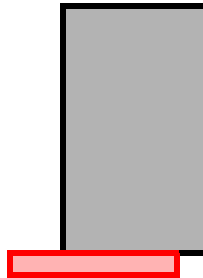
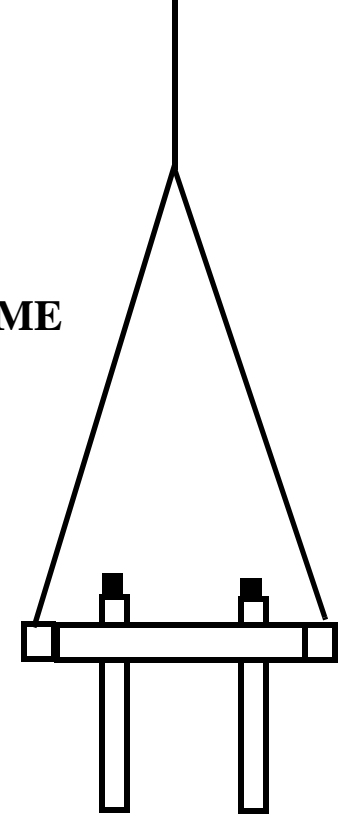
ACCESS



JF LIFTING FRAME

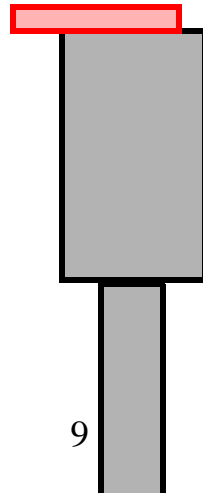
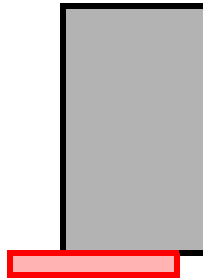
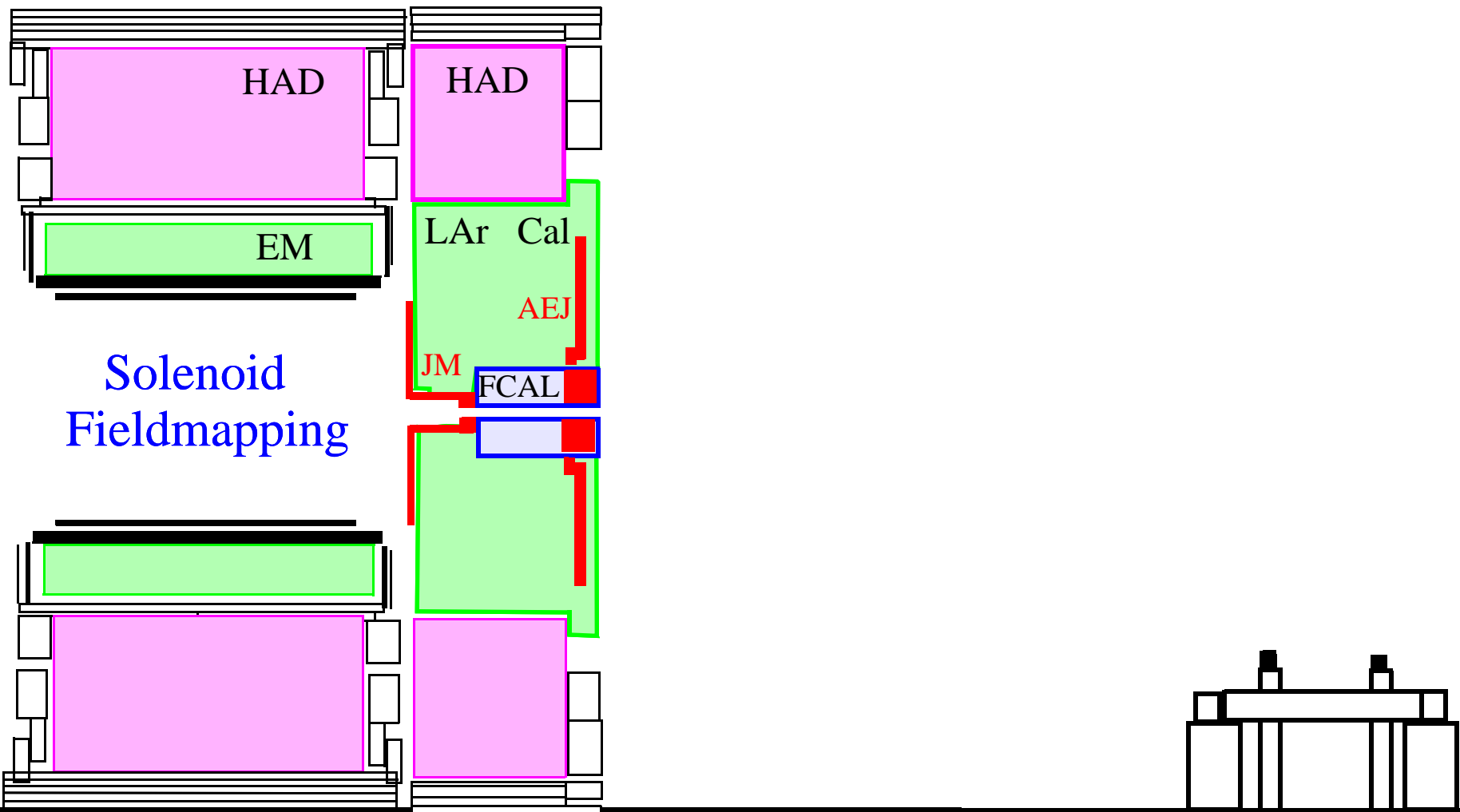


Solenoid
Fieldmapping



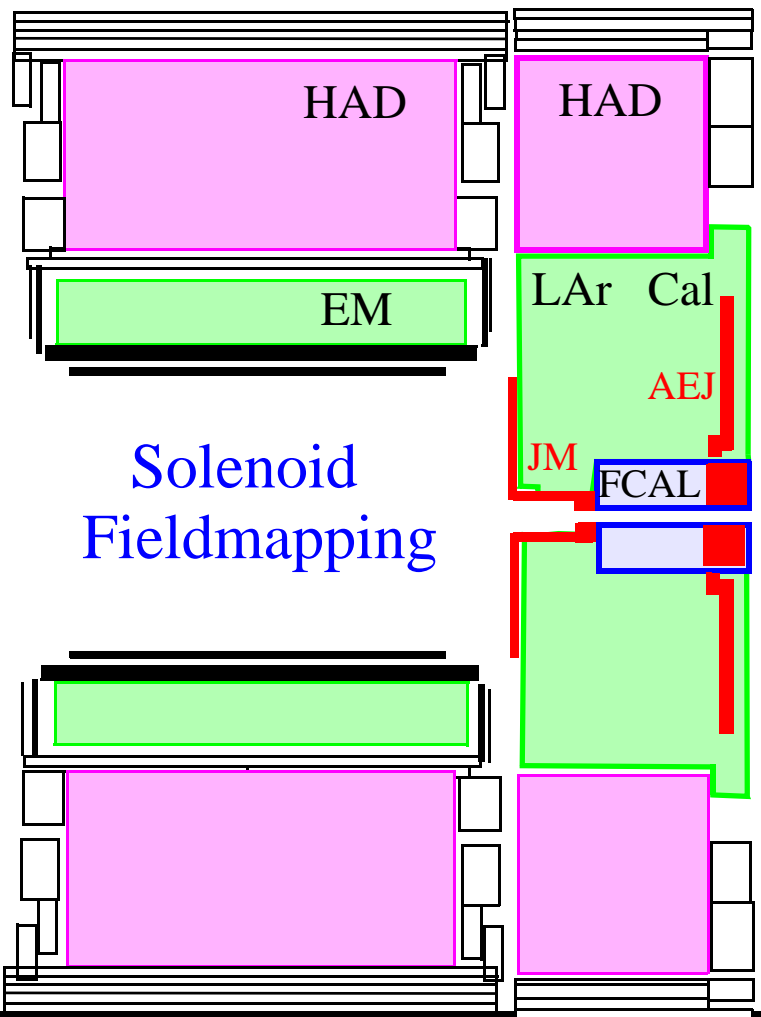
Rails

ACCESS

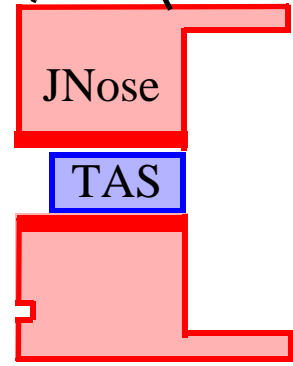


ACCESS

Rails

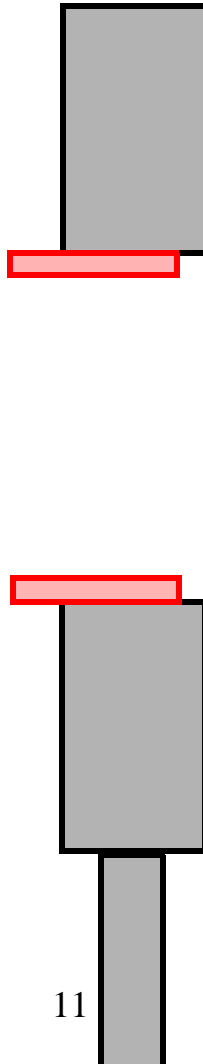
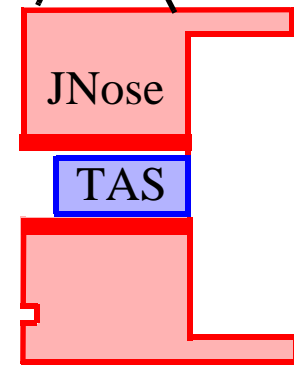
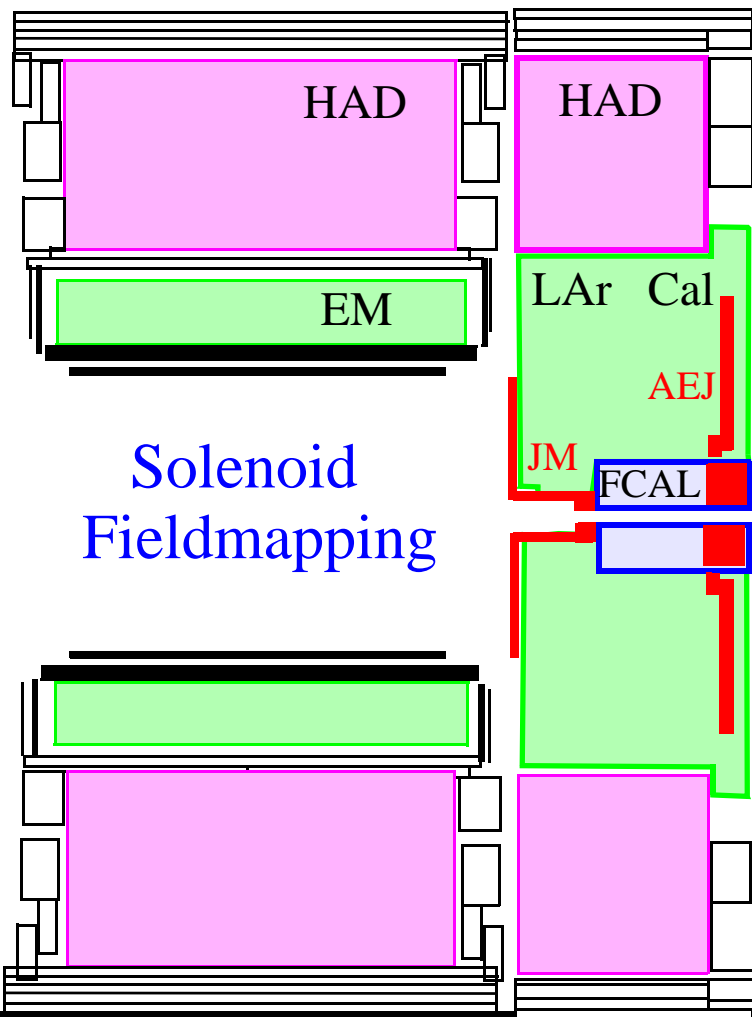


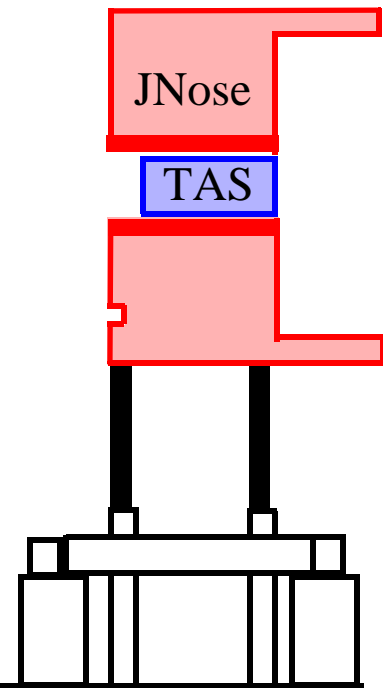
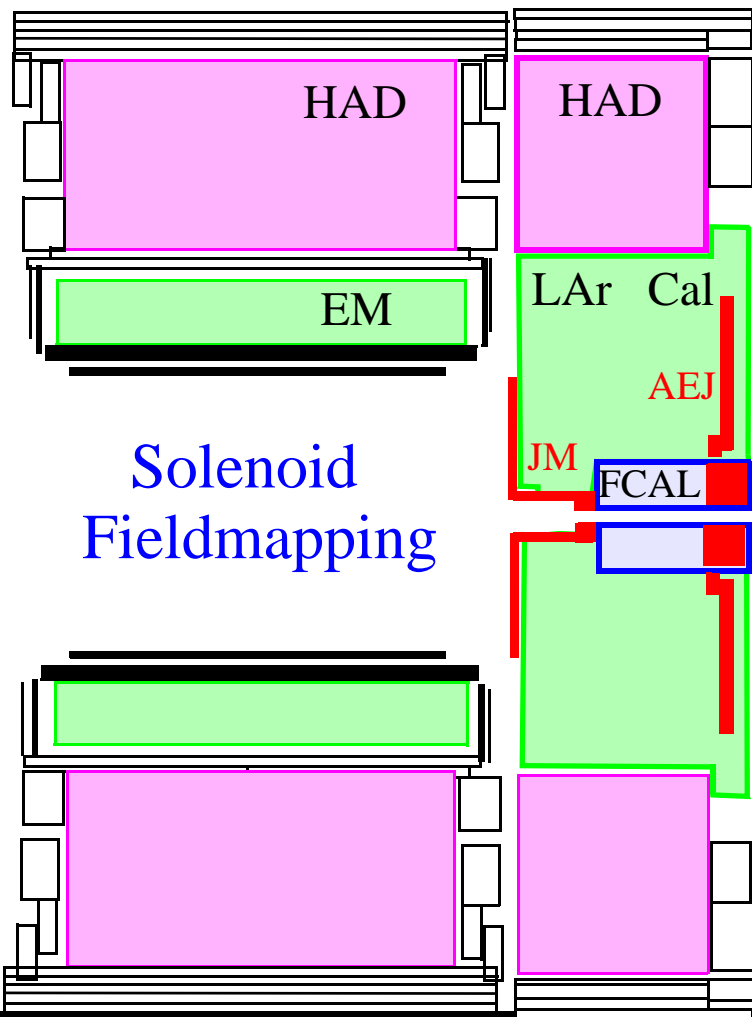
Solenoid
Fieldmapping



ACCESS

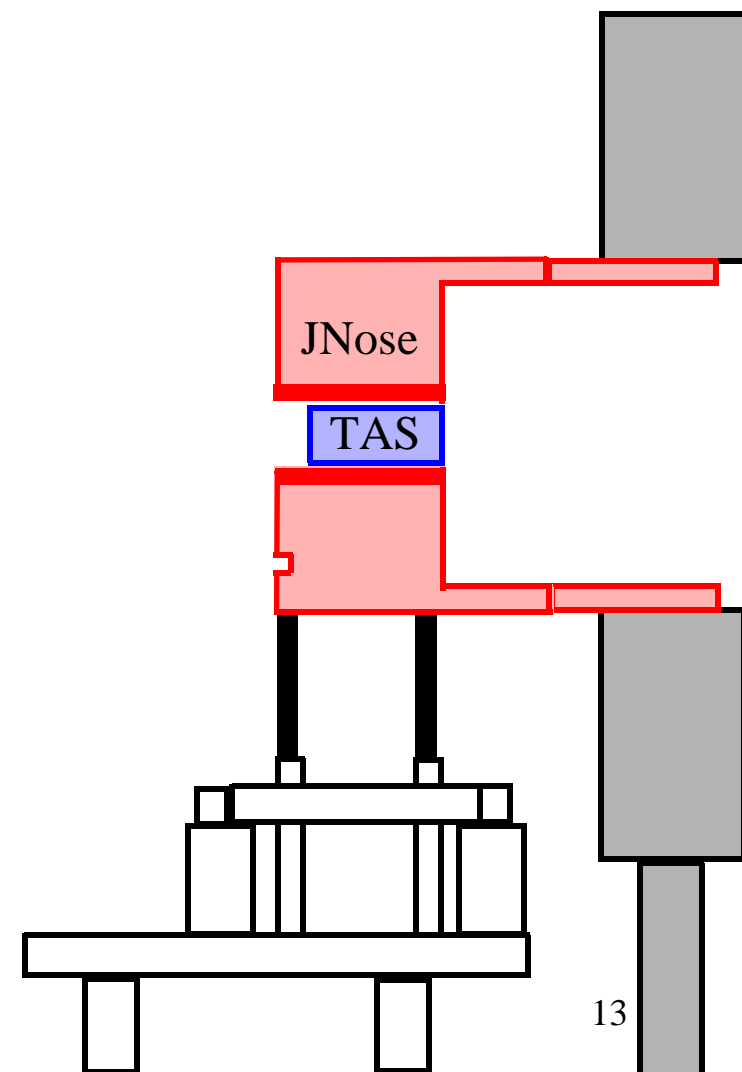
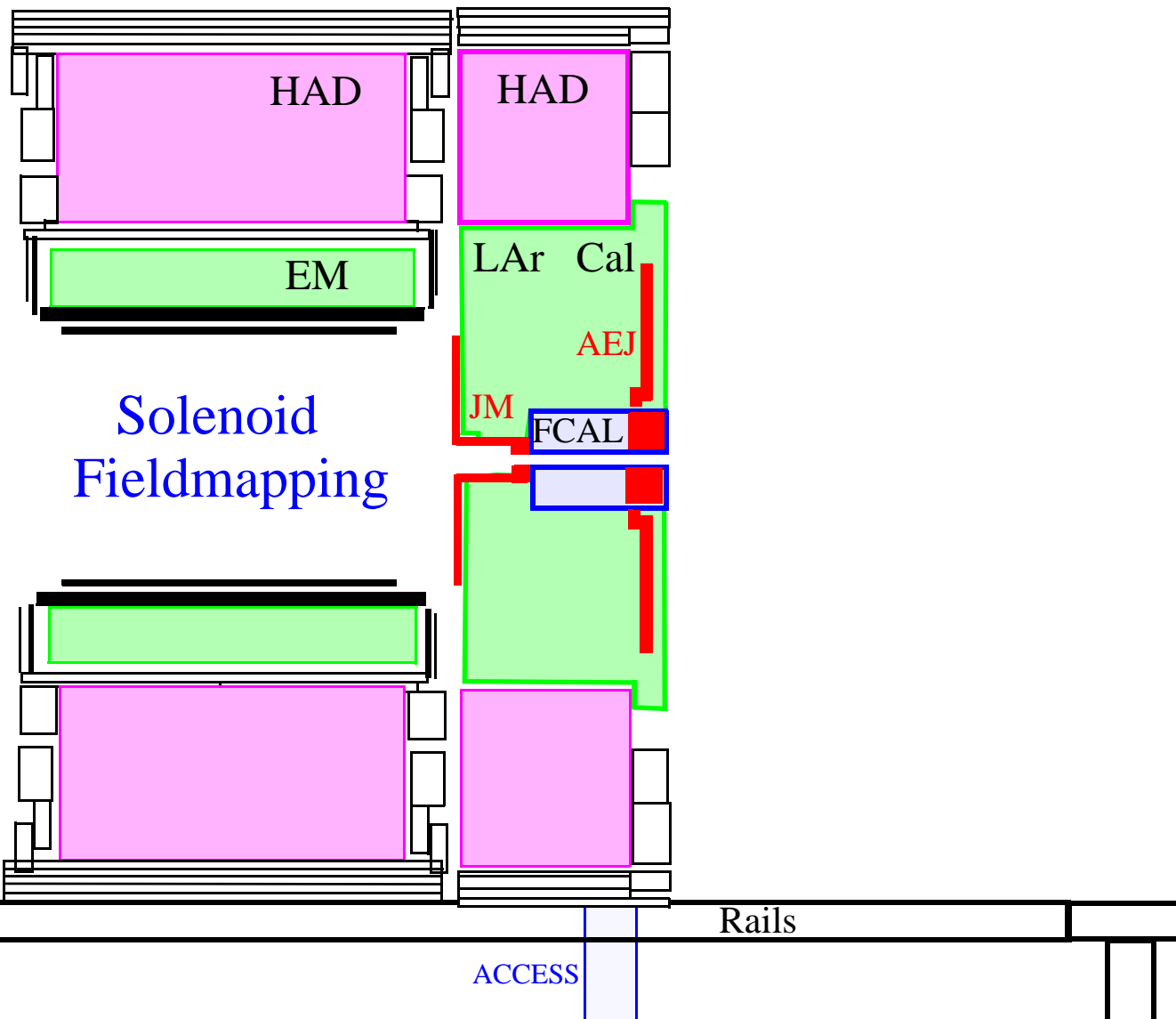
Rails





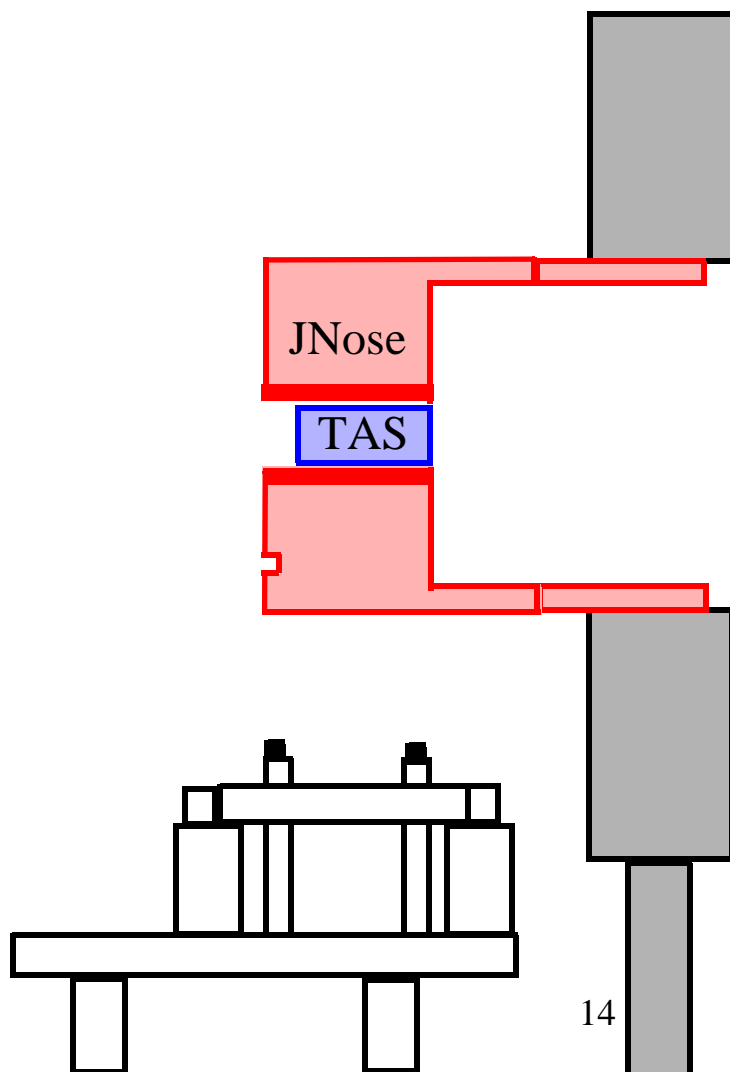
Rails

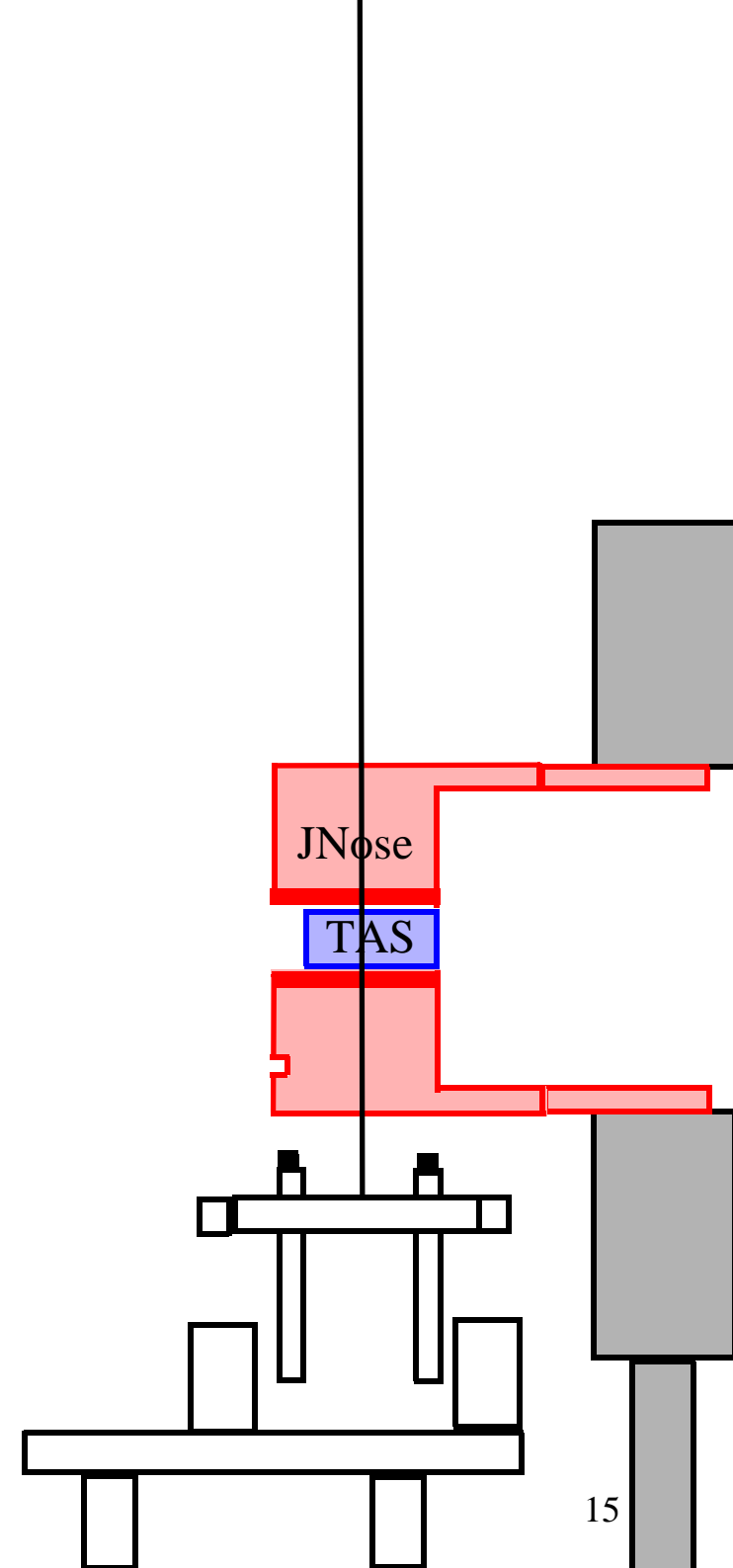
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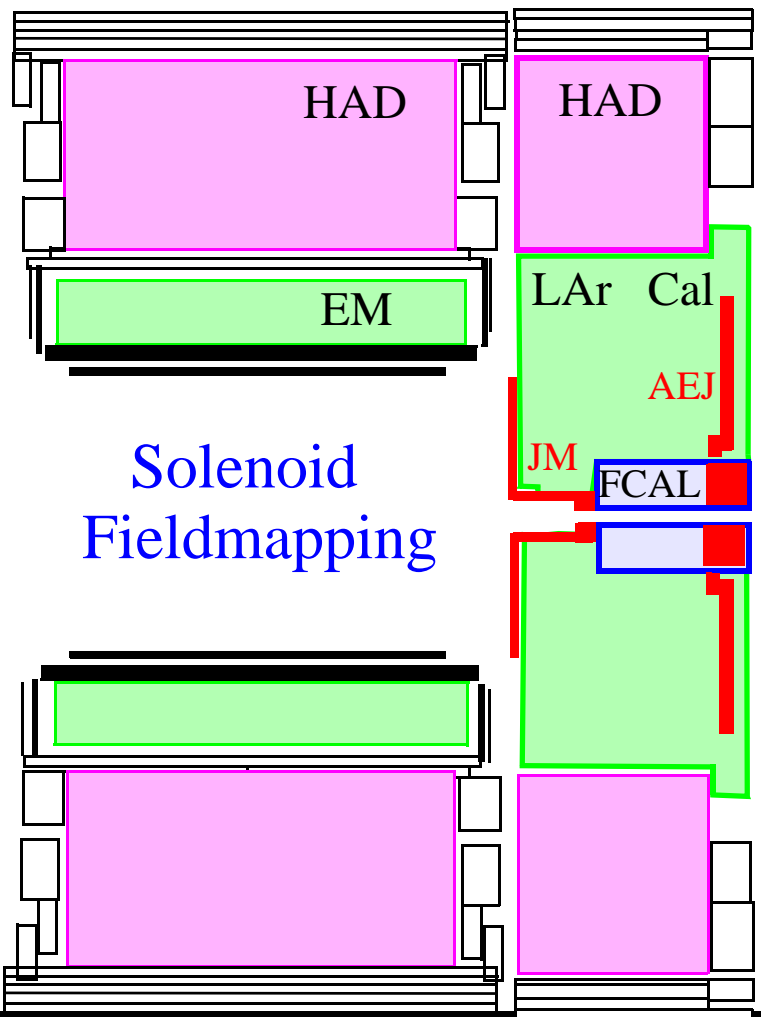




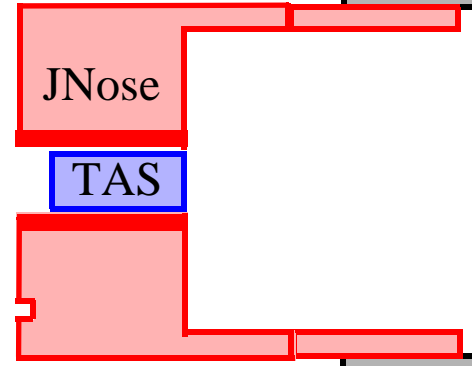
Solenoid
Fieldmapping



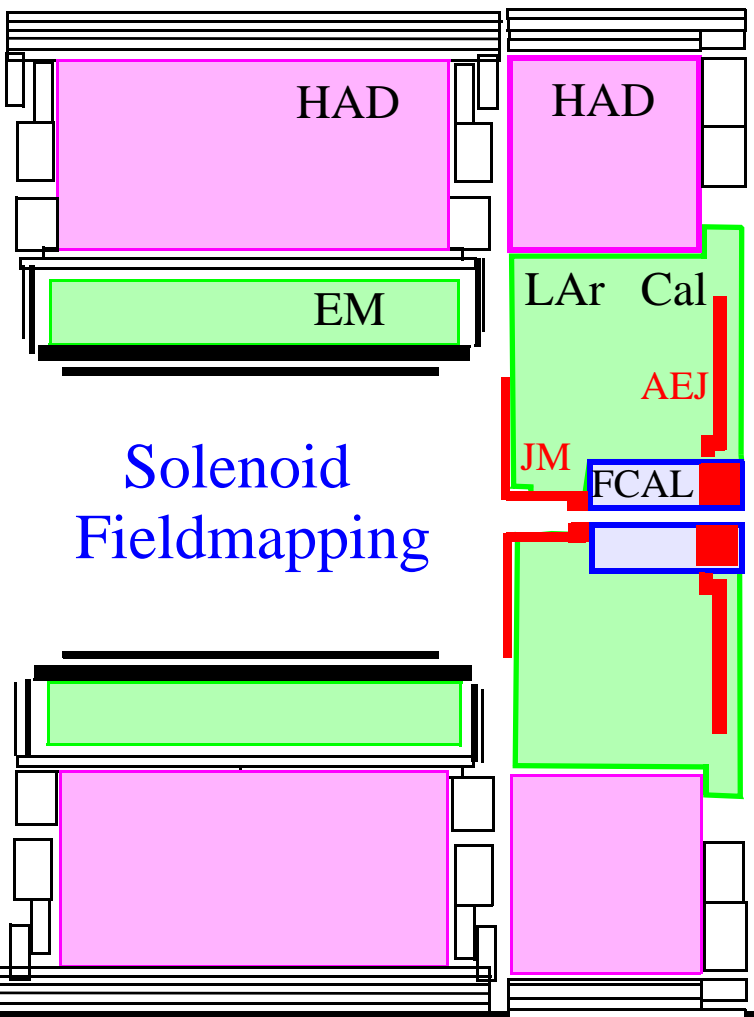




Solenoid
Fieldmapping



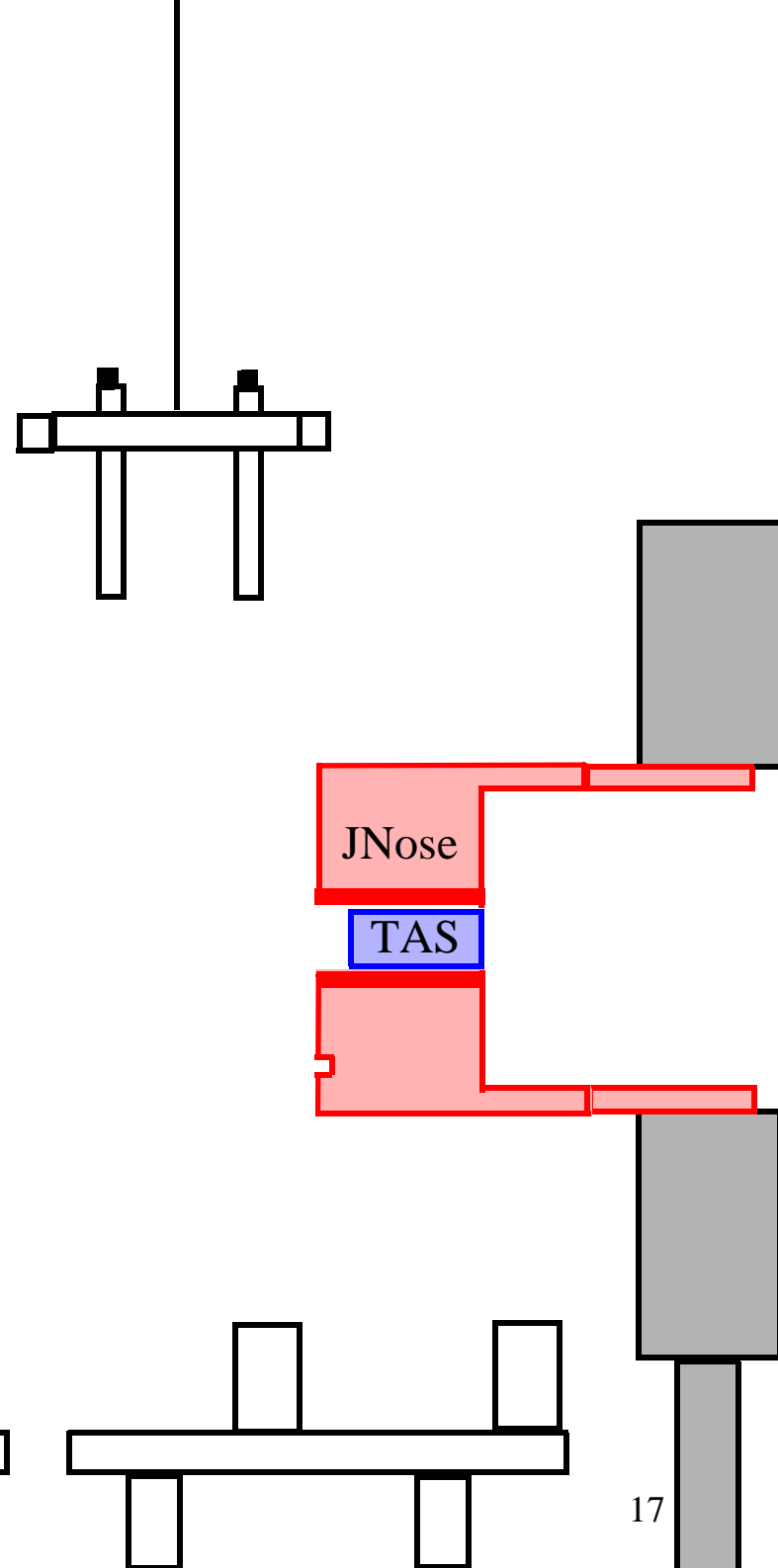
ACCESS



Solenoid
Fieldmapping

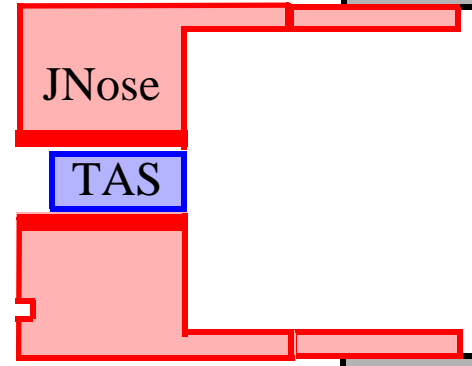
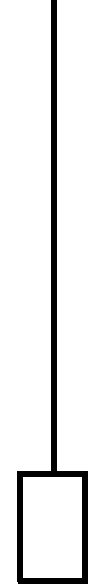
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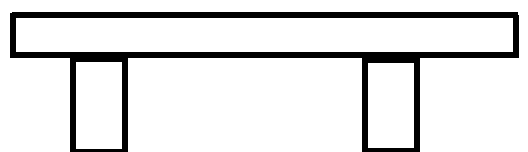
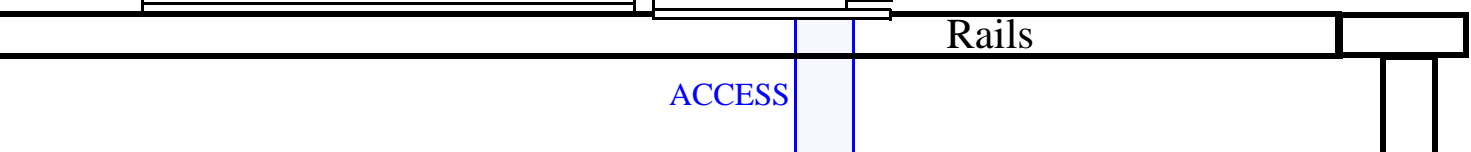
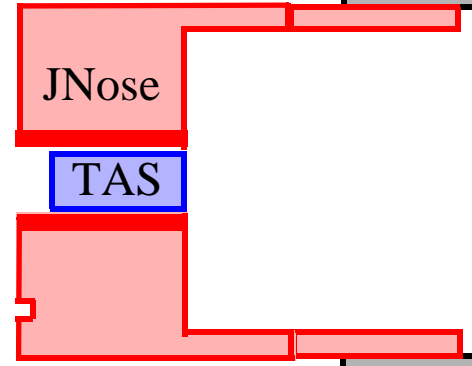
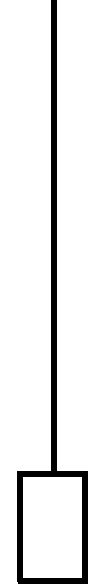
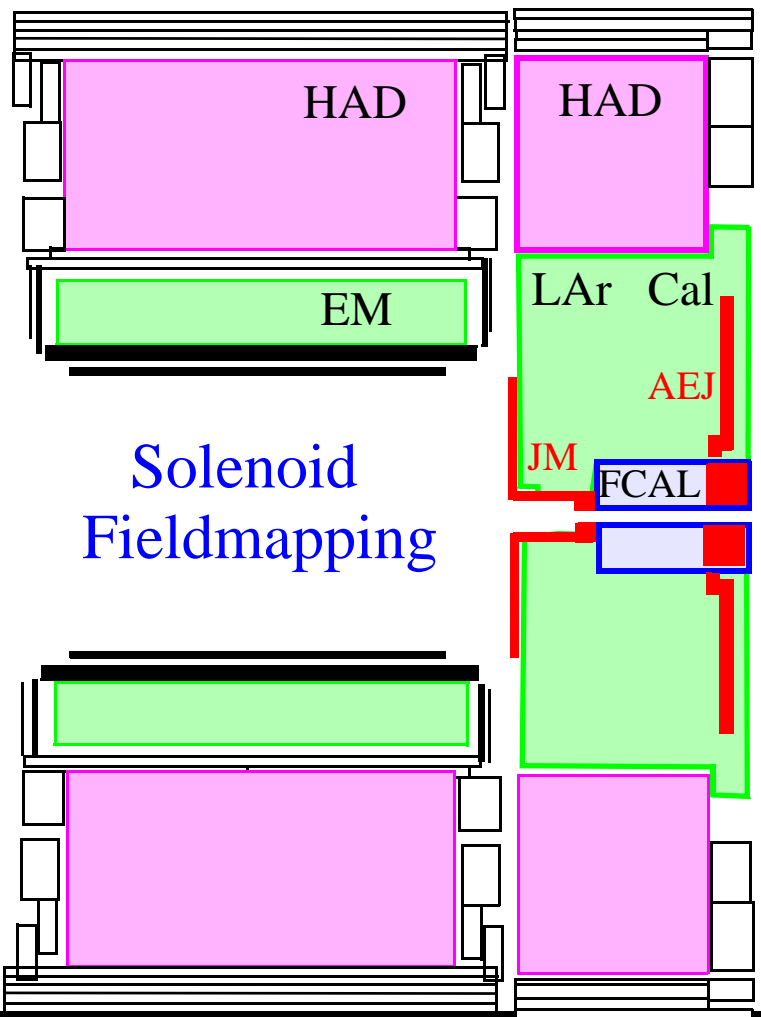
ACCESS

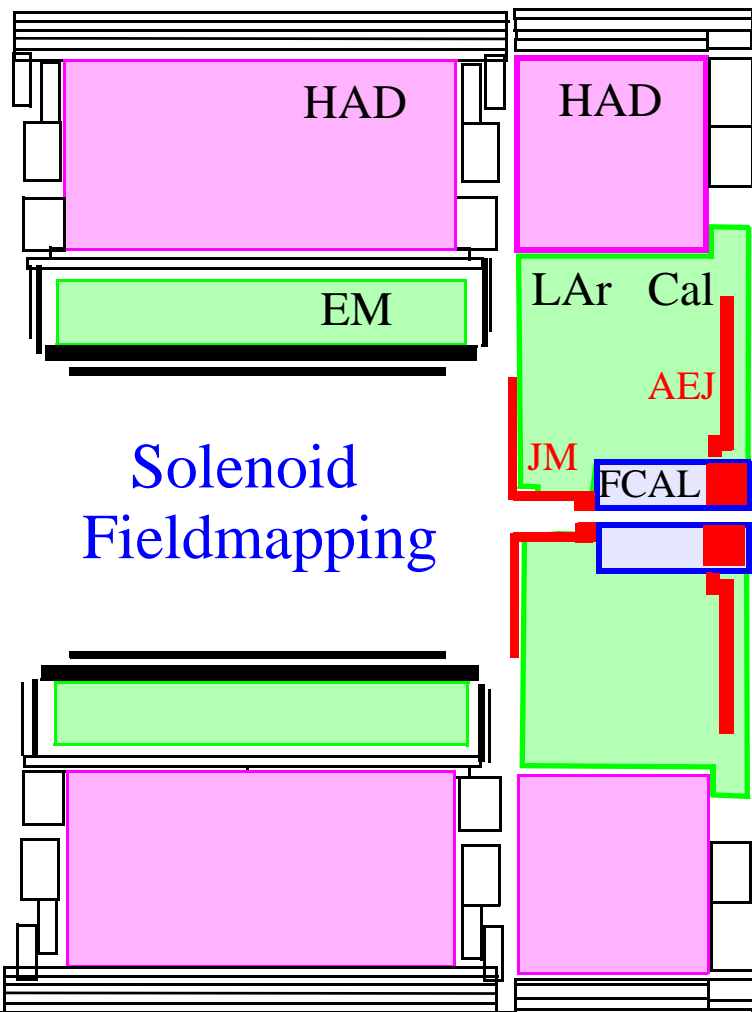




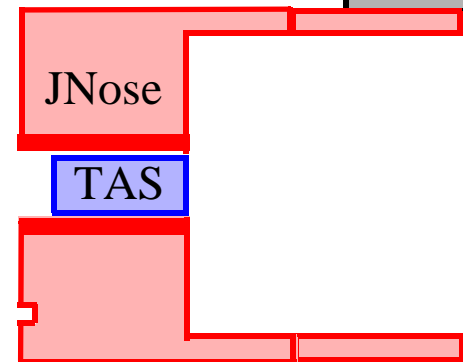
Solenoid
Fieldmapping





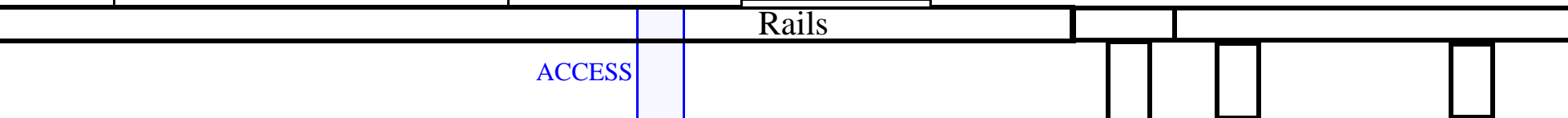
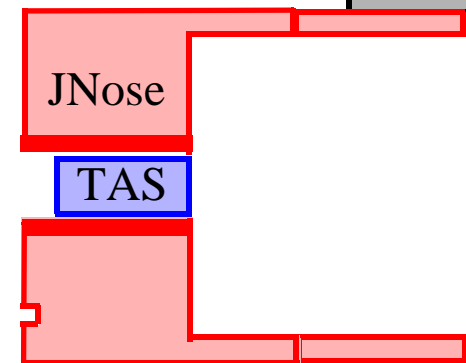
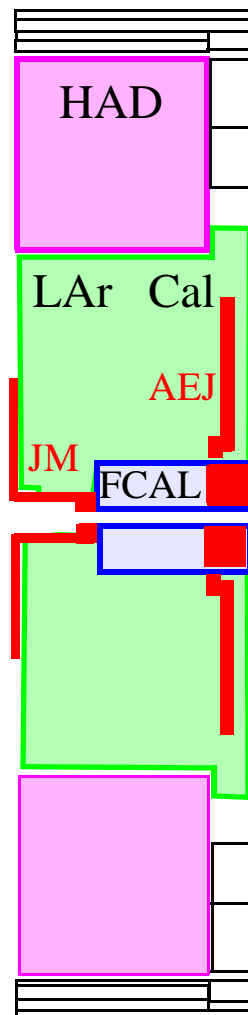
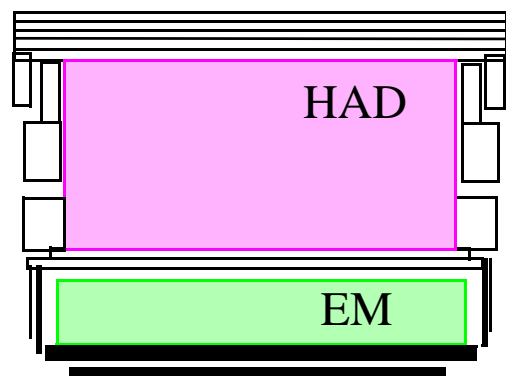


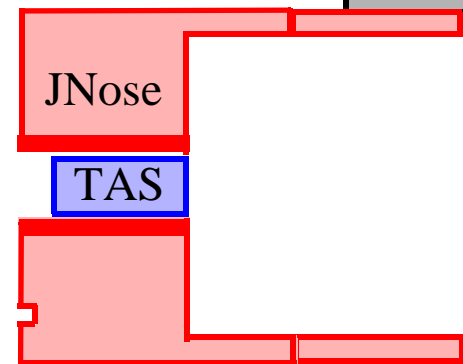
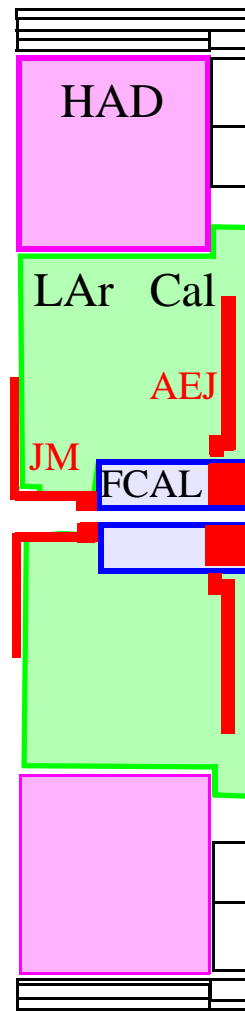
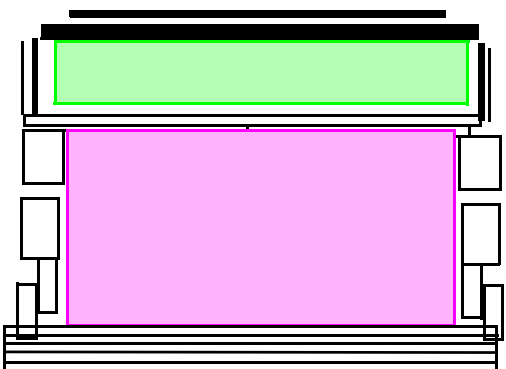
Solenoid
Fieldmapping



ACCESS

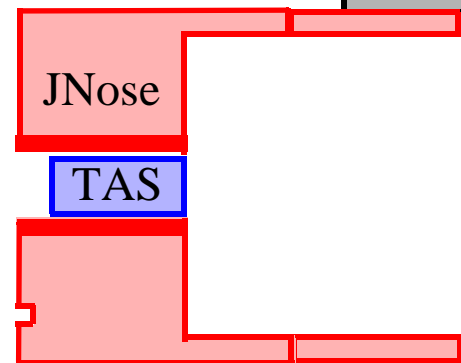
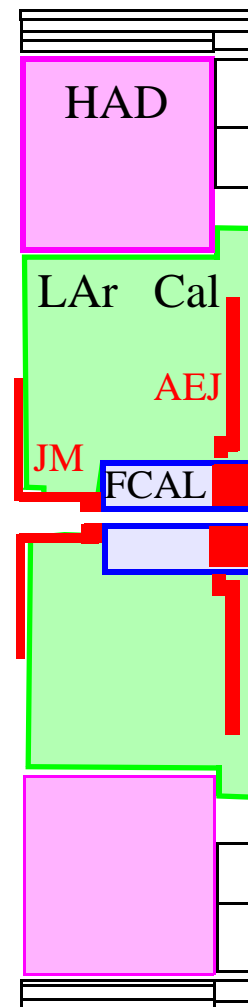
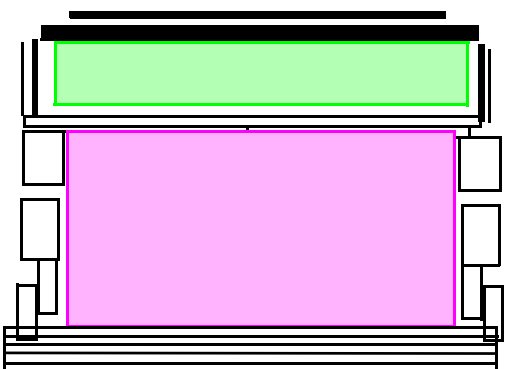
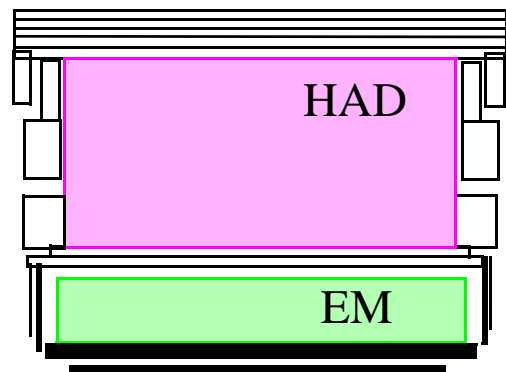
Rails





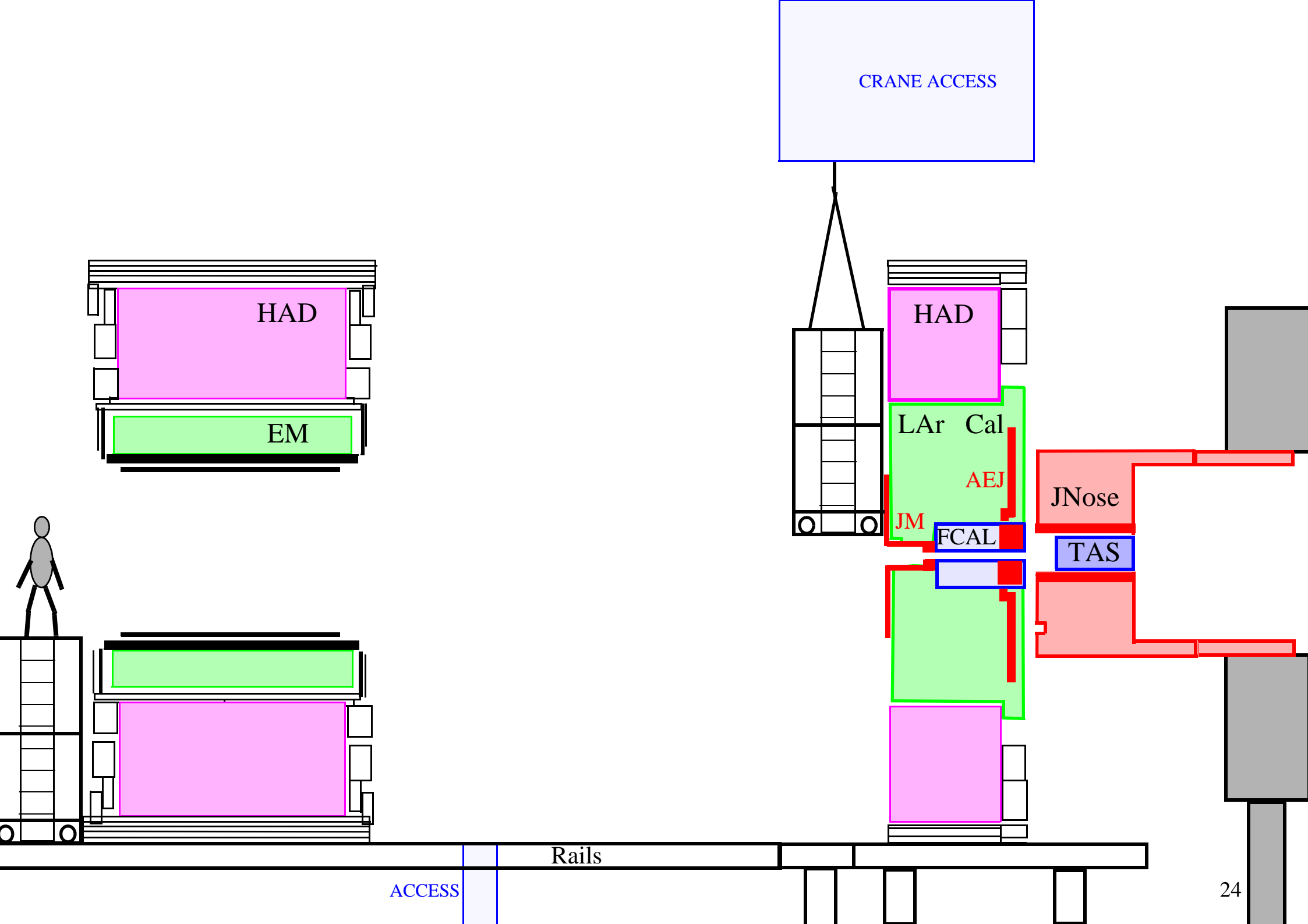
ACCESS

Rails



Rails

ACCESS



CRANE ACCESS

HAD

EM

HAD

LAr Cal

AEJ

JM

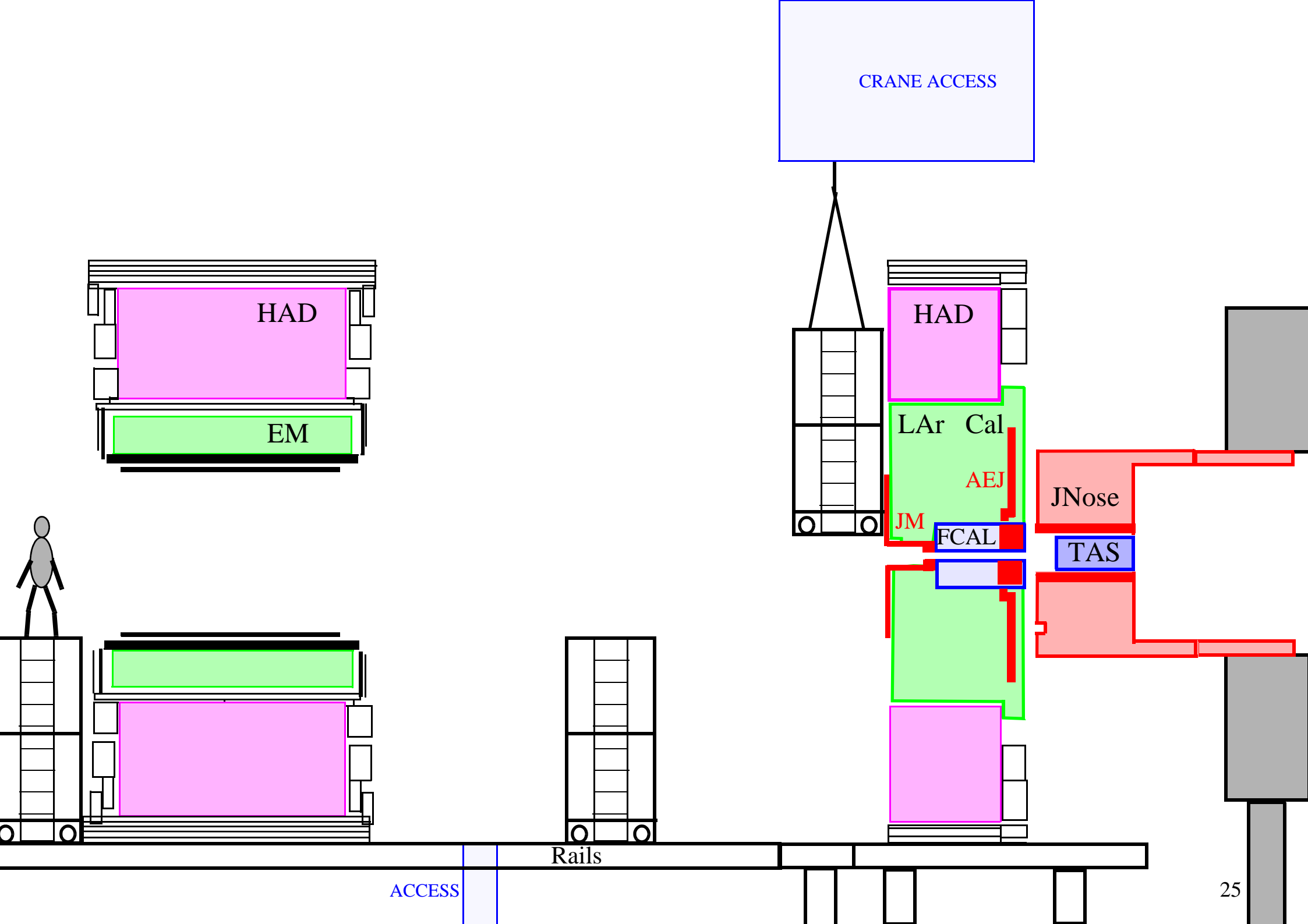
FCAL

JNose

TAS

Rails

ACCESS



CRANE ACCESS

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LAr Cal

AEJ

JM

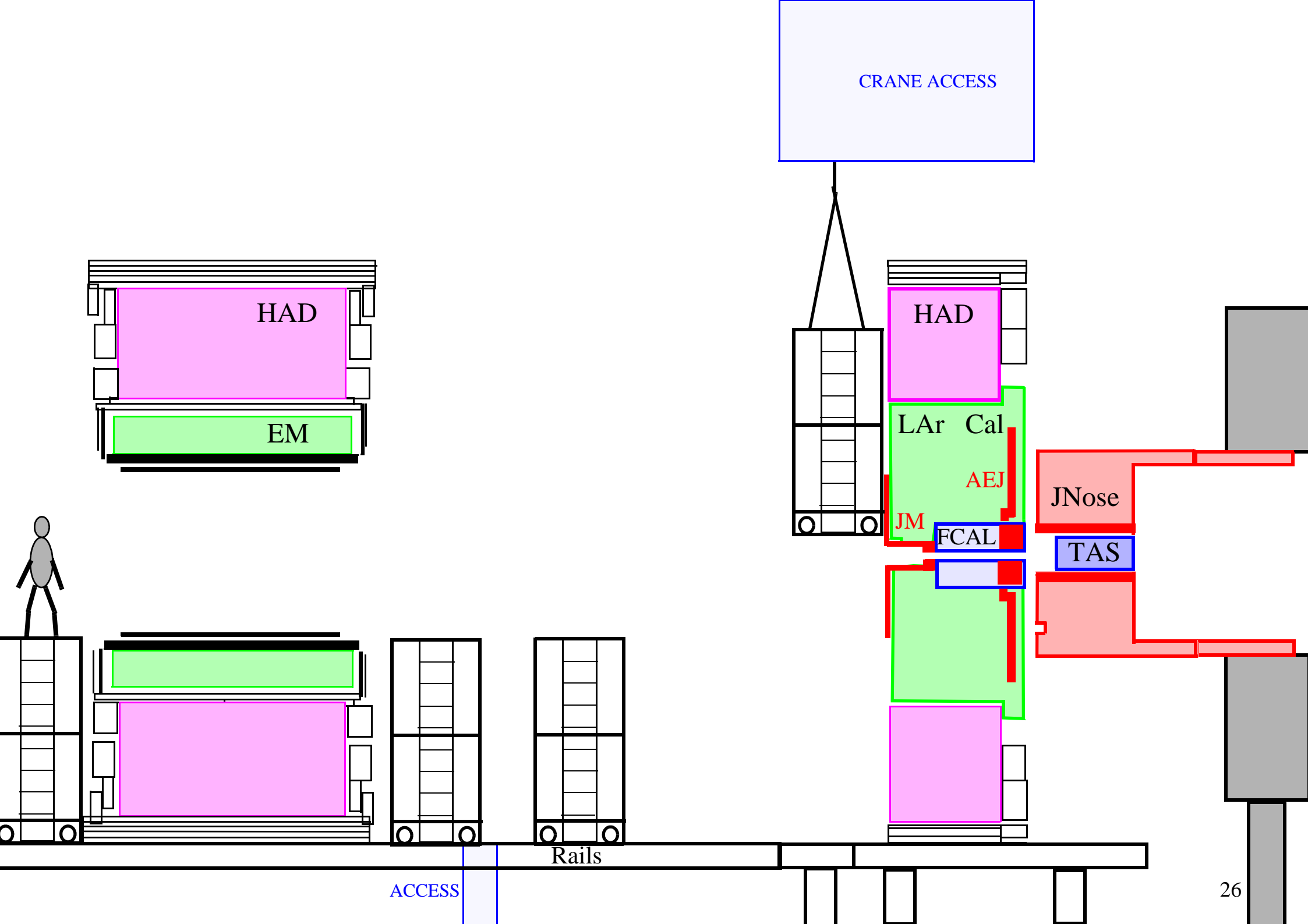
FCAL

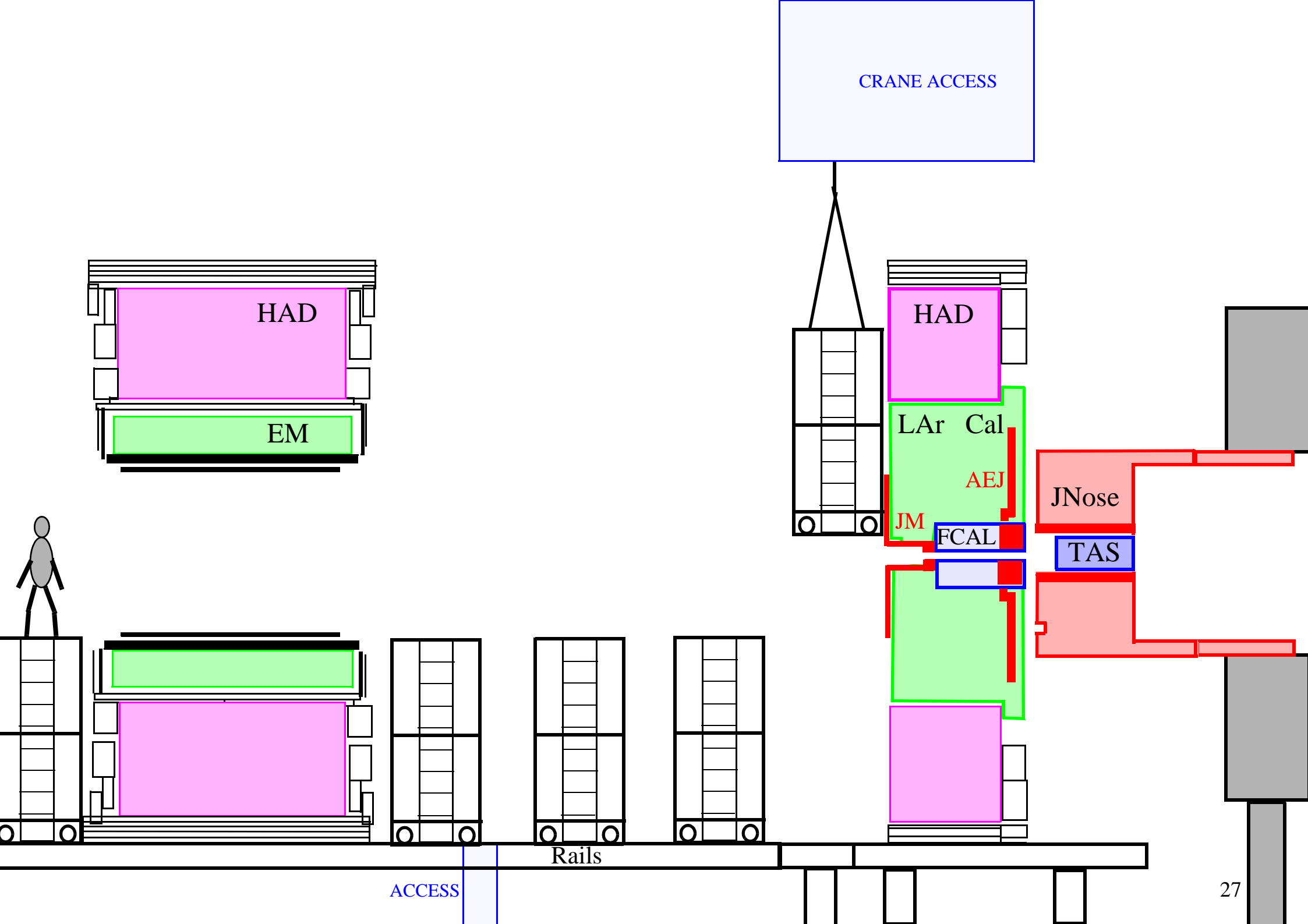
JNose

TAS

Rails

ACCESS





CRANE ACCESS

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FCAL

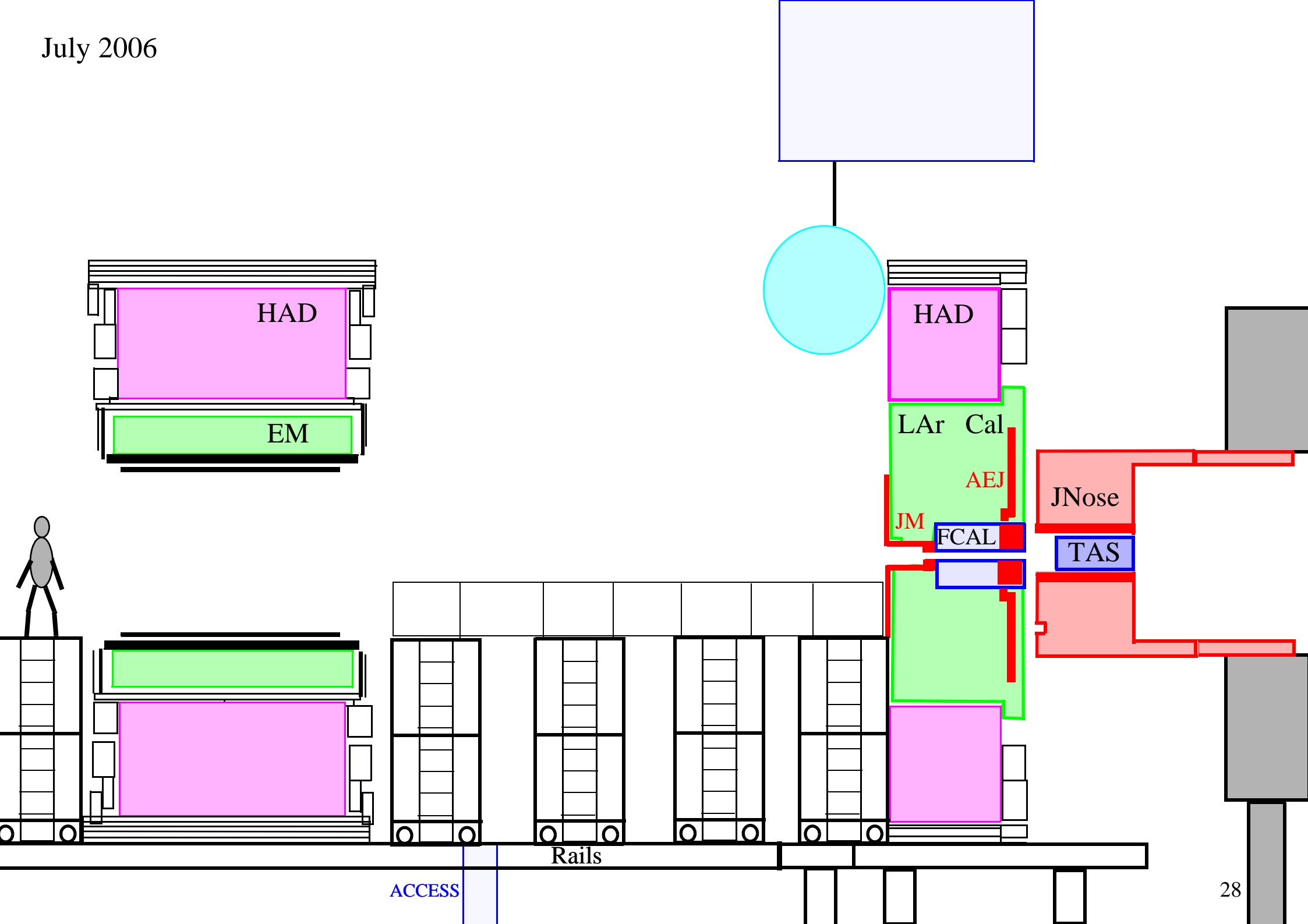
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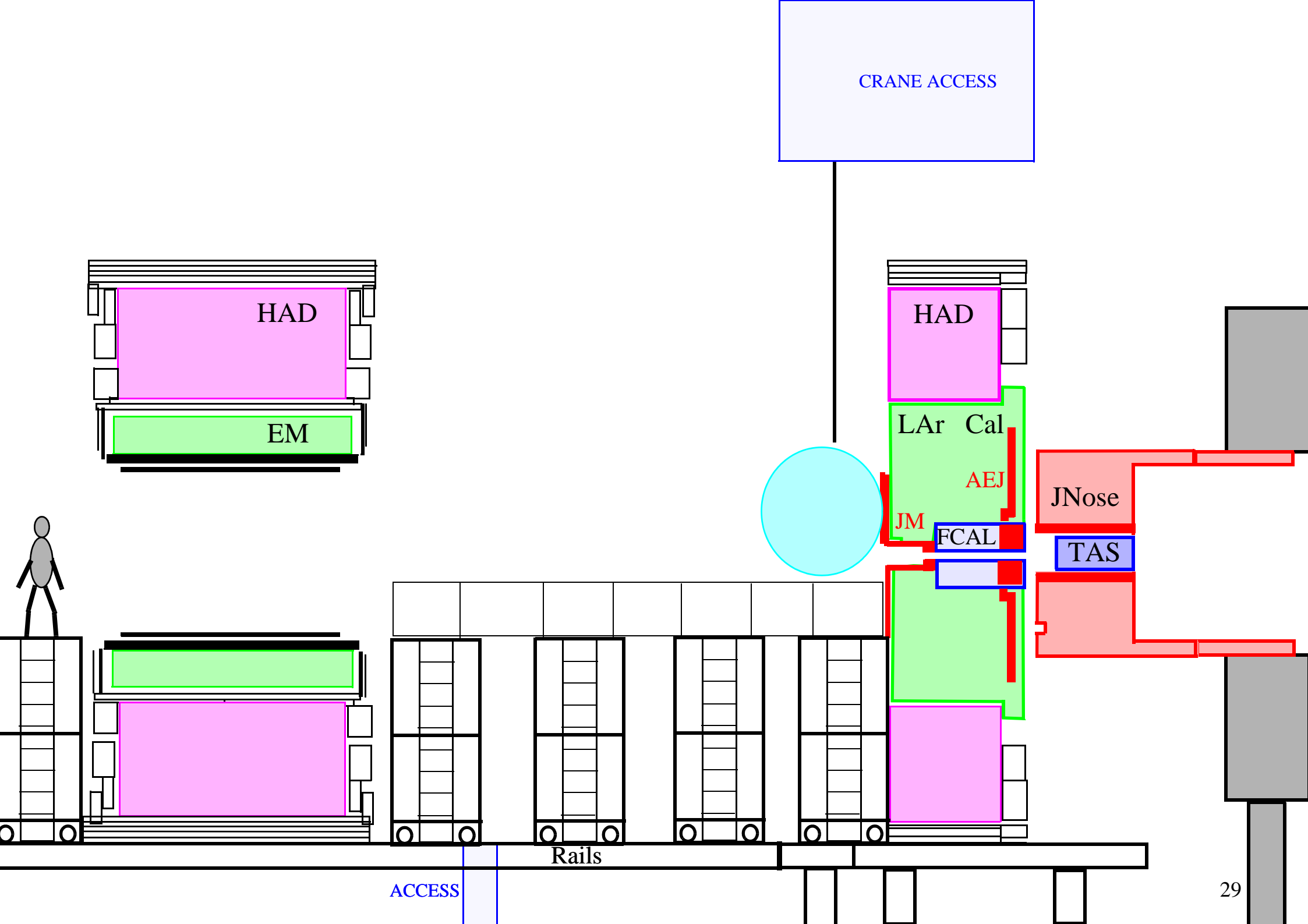
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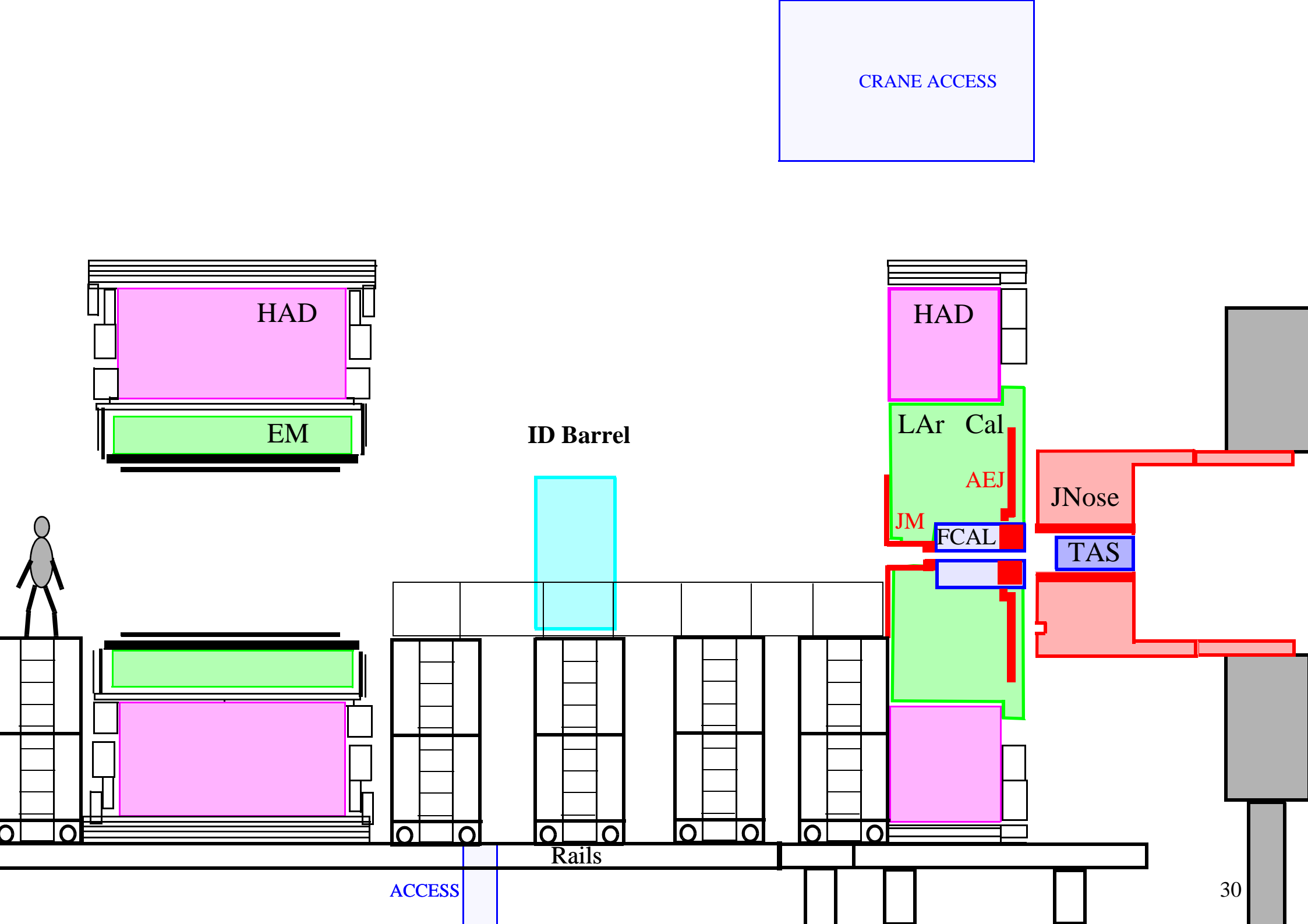
Rails

ACCESS

July 2006







ACCESS

Rails



CRANE ACCESS

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LAr Cal

AEJ

JM

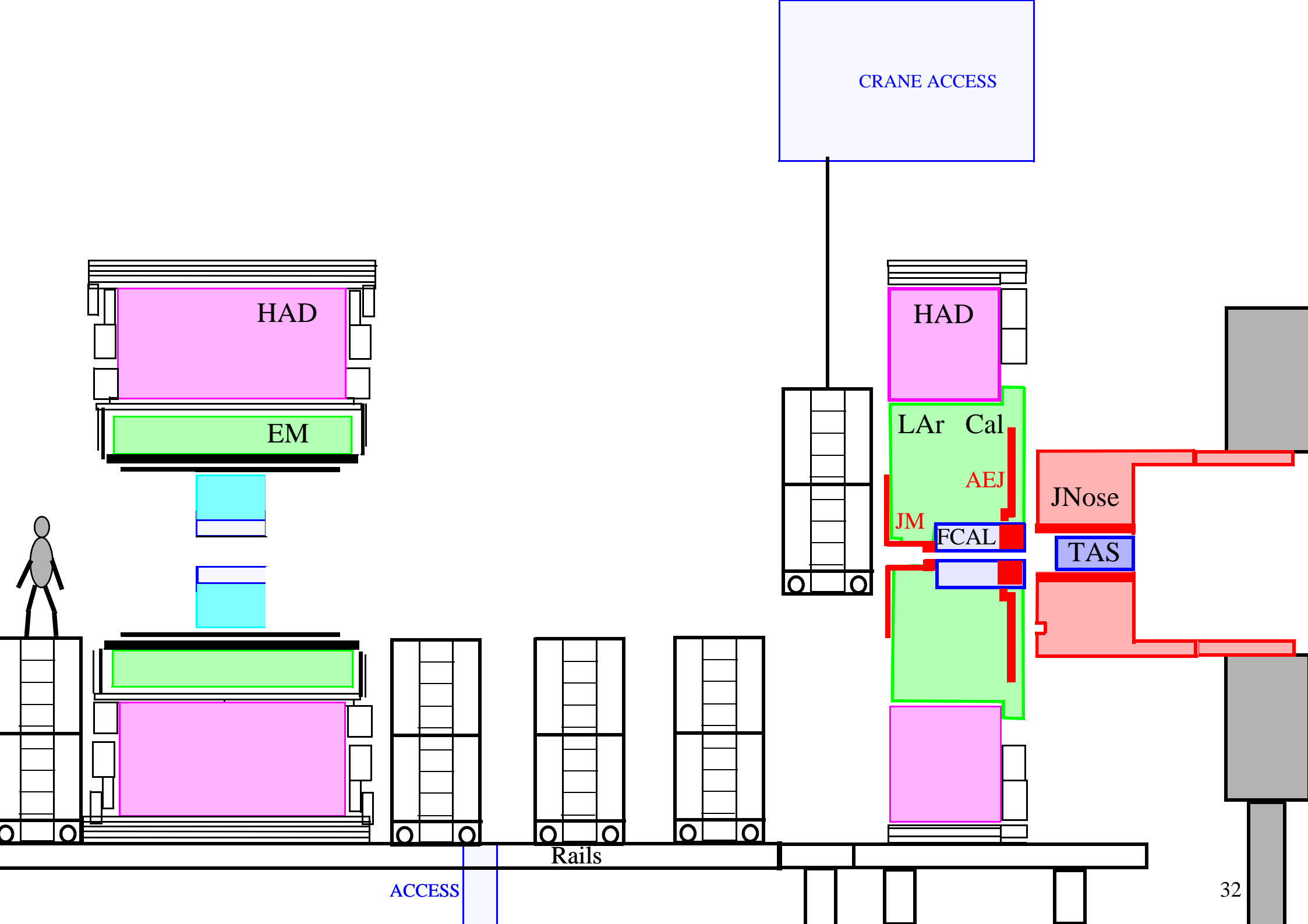
FCAL

JNose

TAS

Rails

ACCESS



ACCESS

Rails

CRANE ACCESS

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LAr Cal

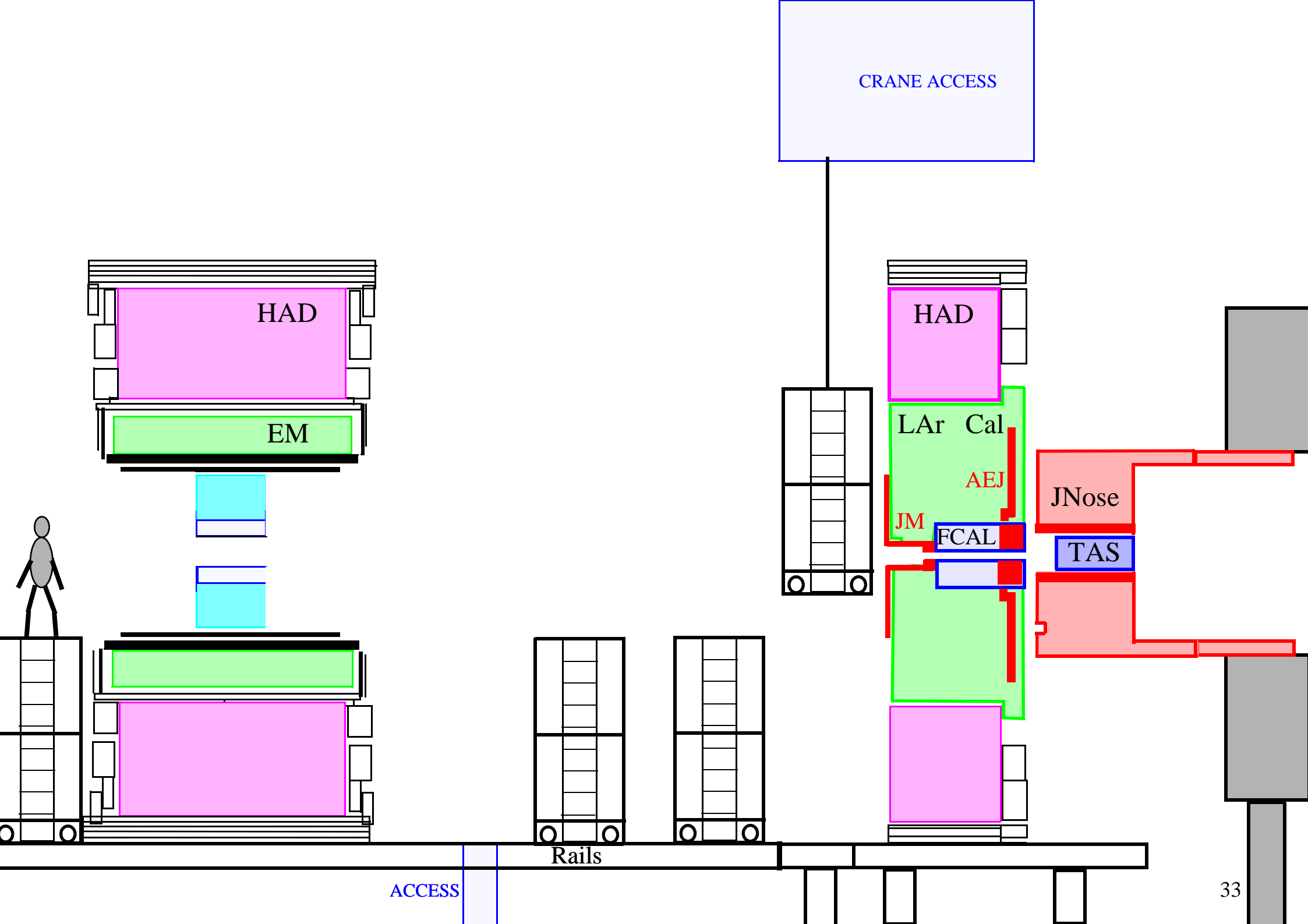
AEJ

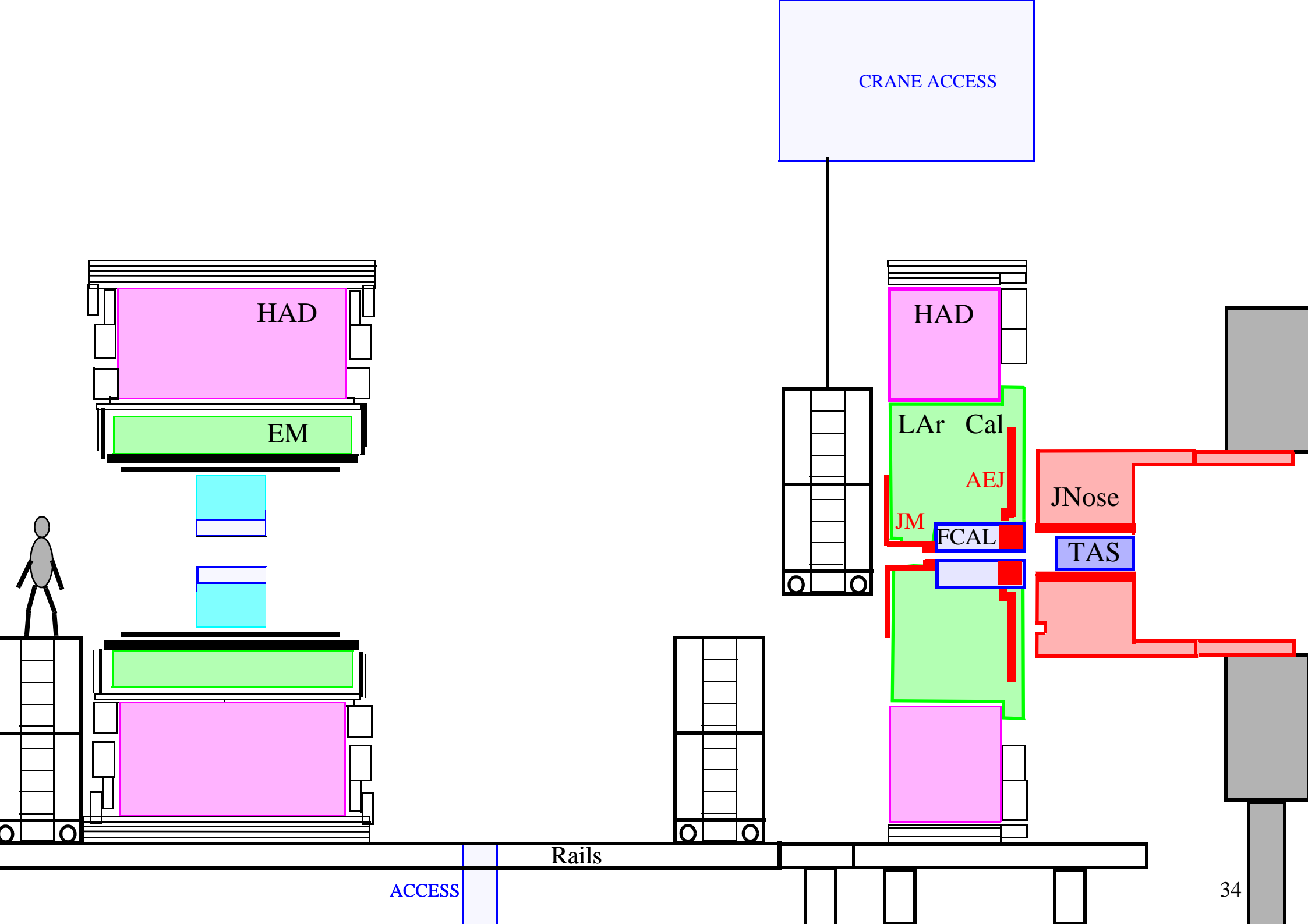
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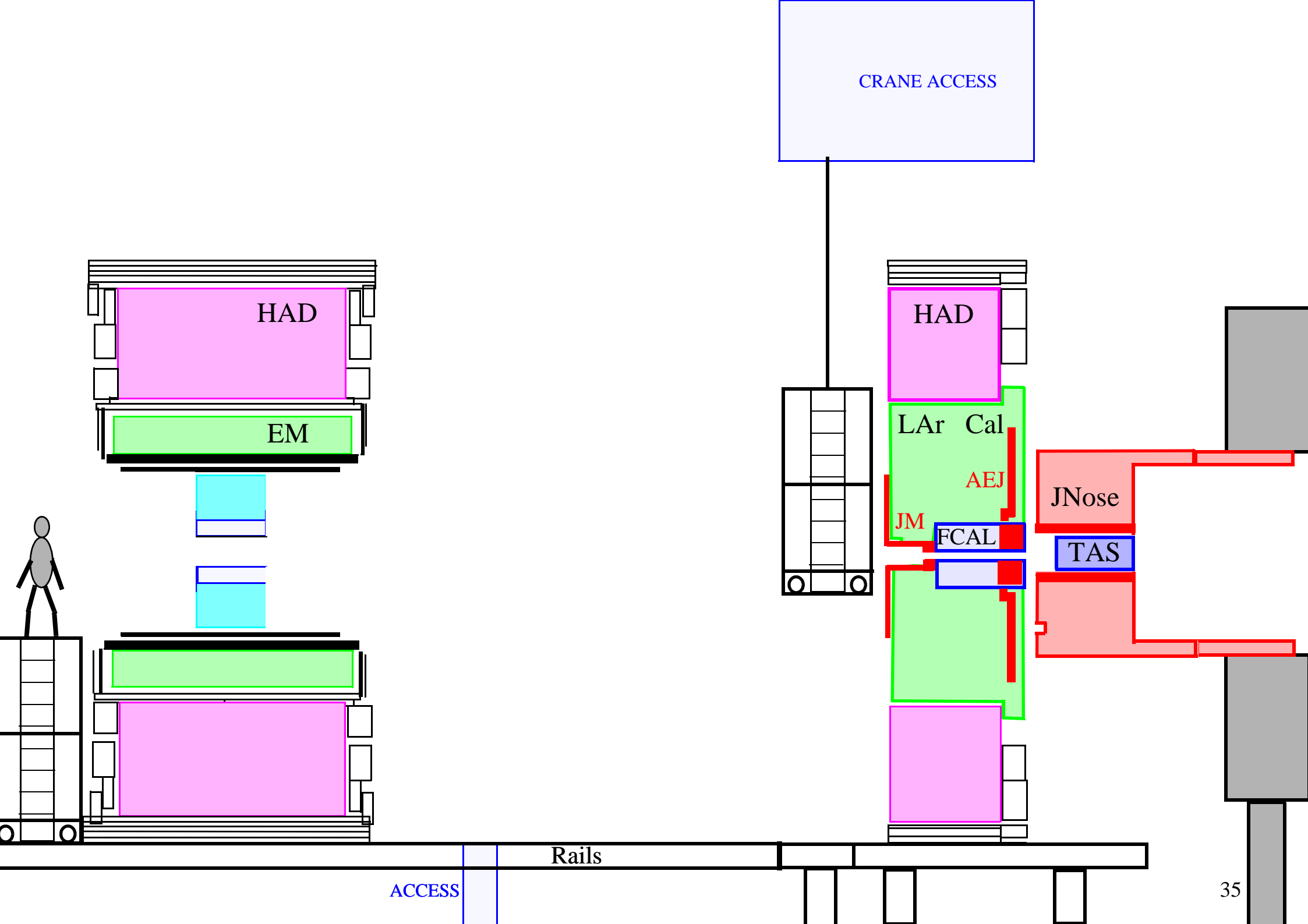
FCAL

JNose

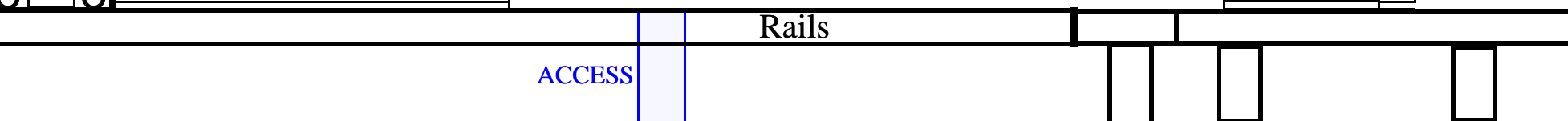
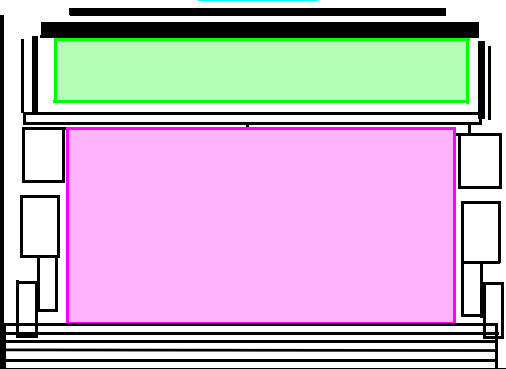
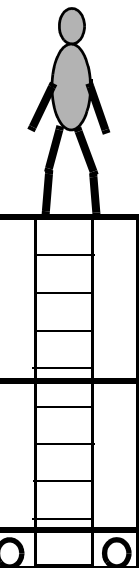
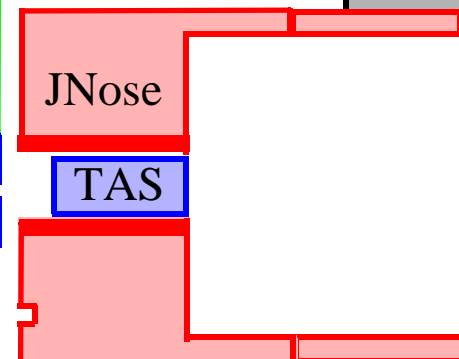
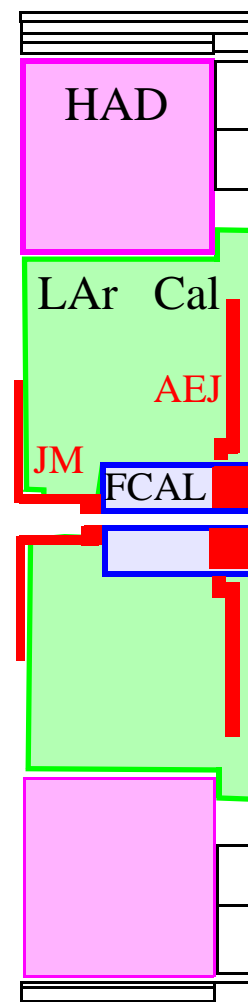
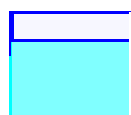
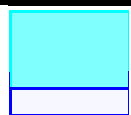
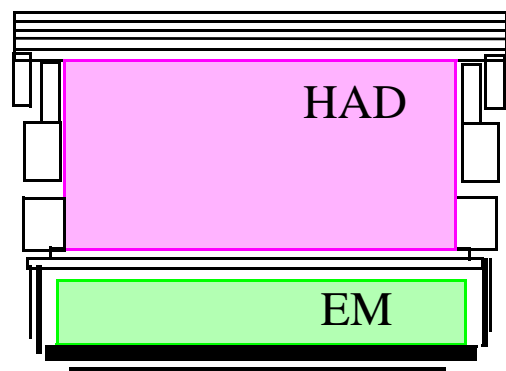
TAS

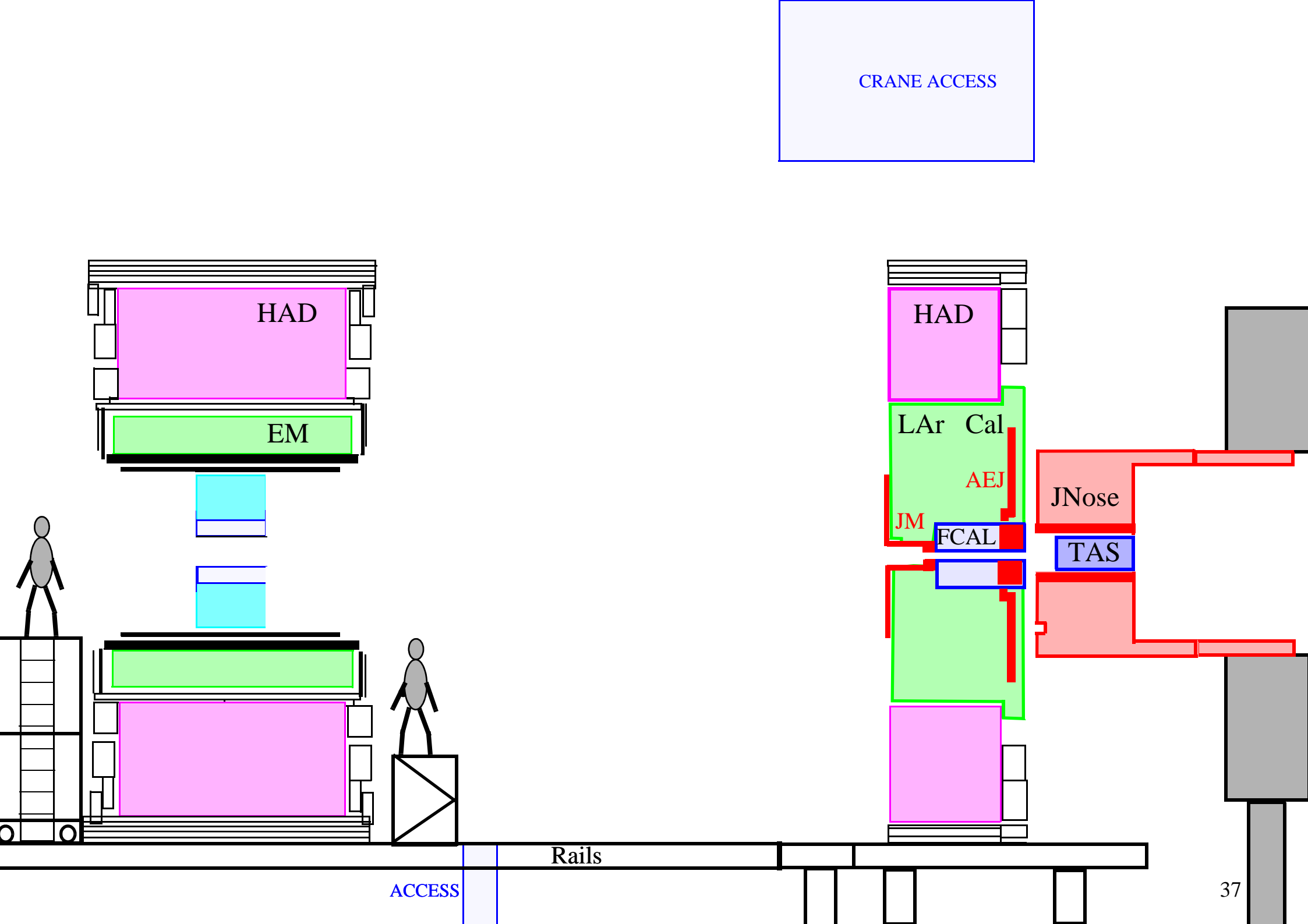






August 2006





CRANE ACCESS

HAD

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HAD

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AEJ

JNose

FCAL

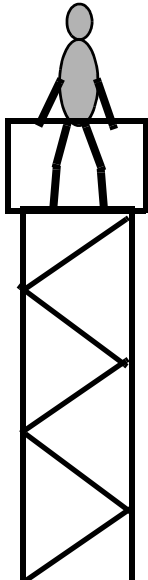
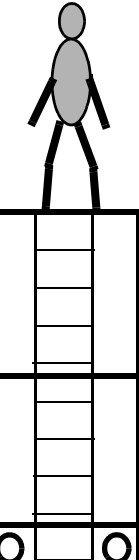
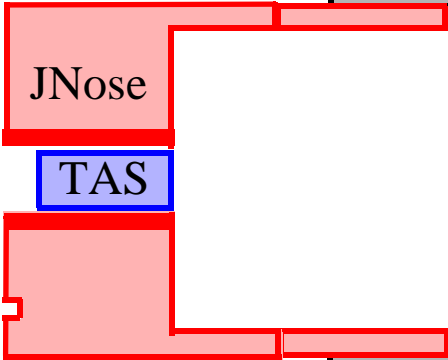
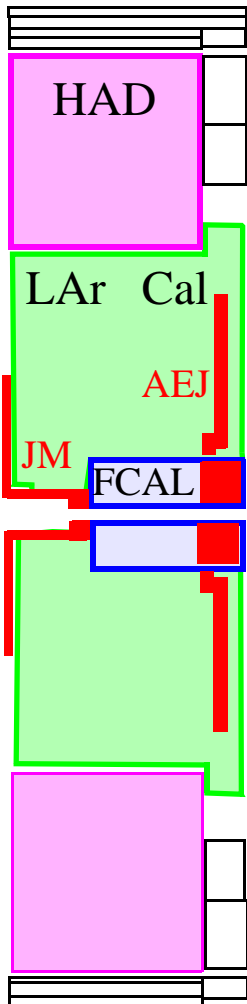
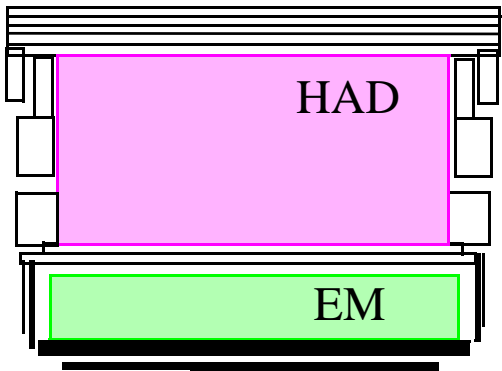
TAS

JM

Rails

ACCESS

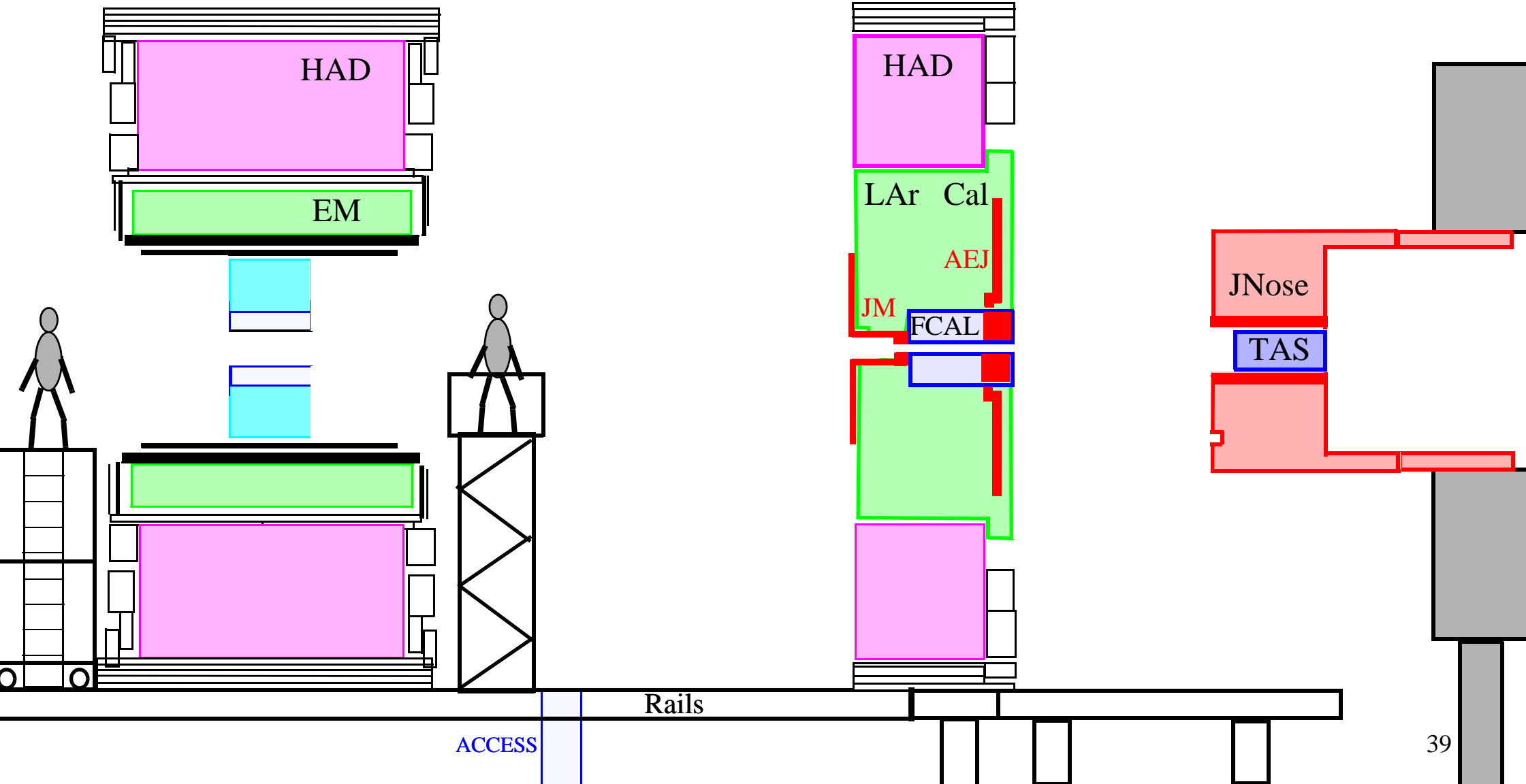
CRANE ACCESS



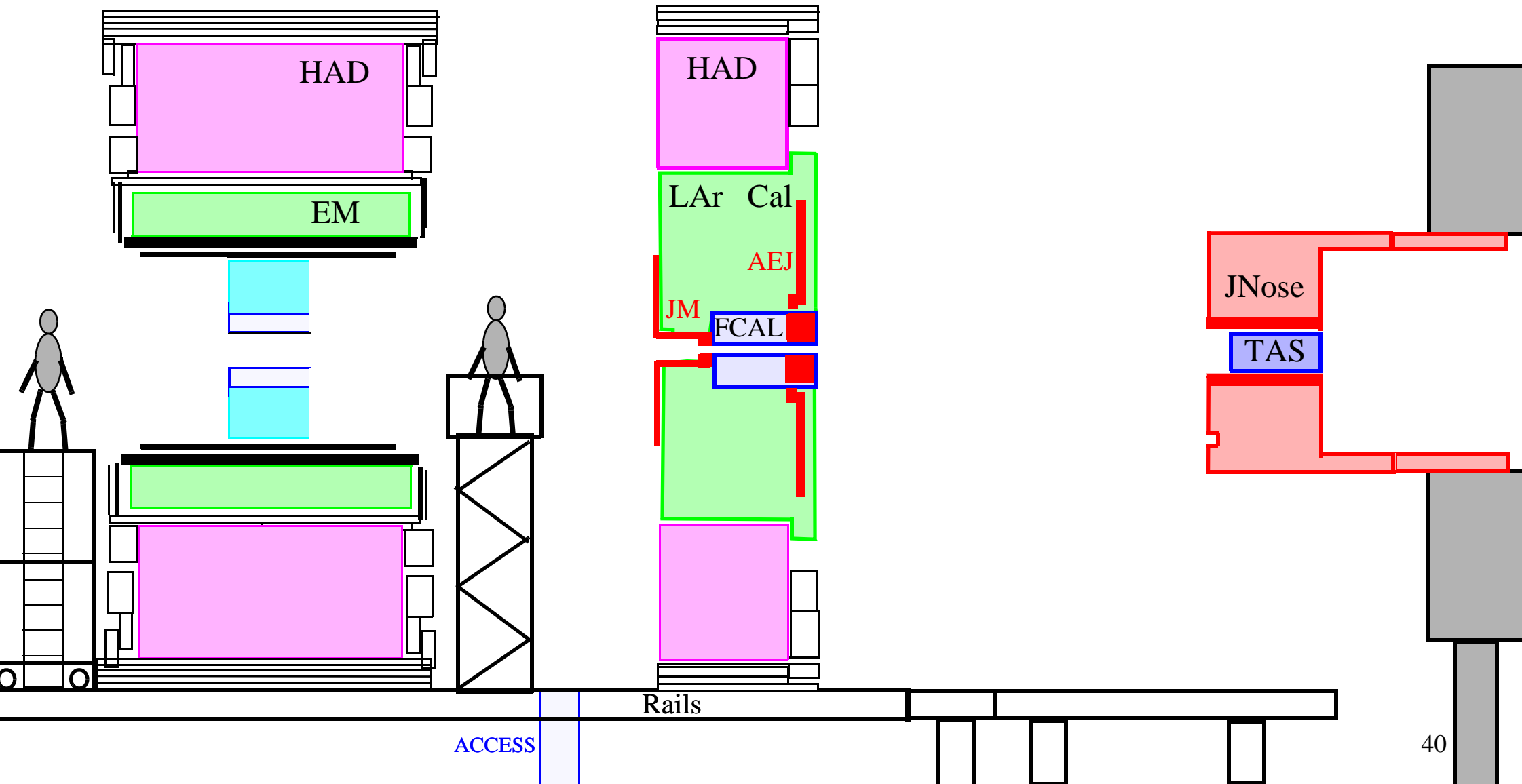
Rails

ACCESS

CRANE ACCESS

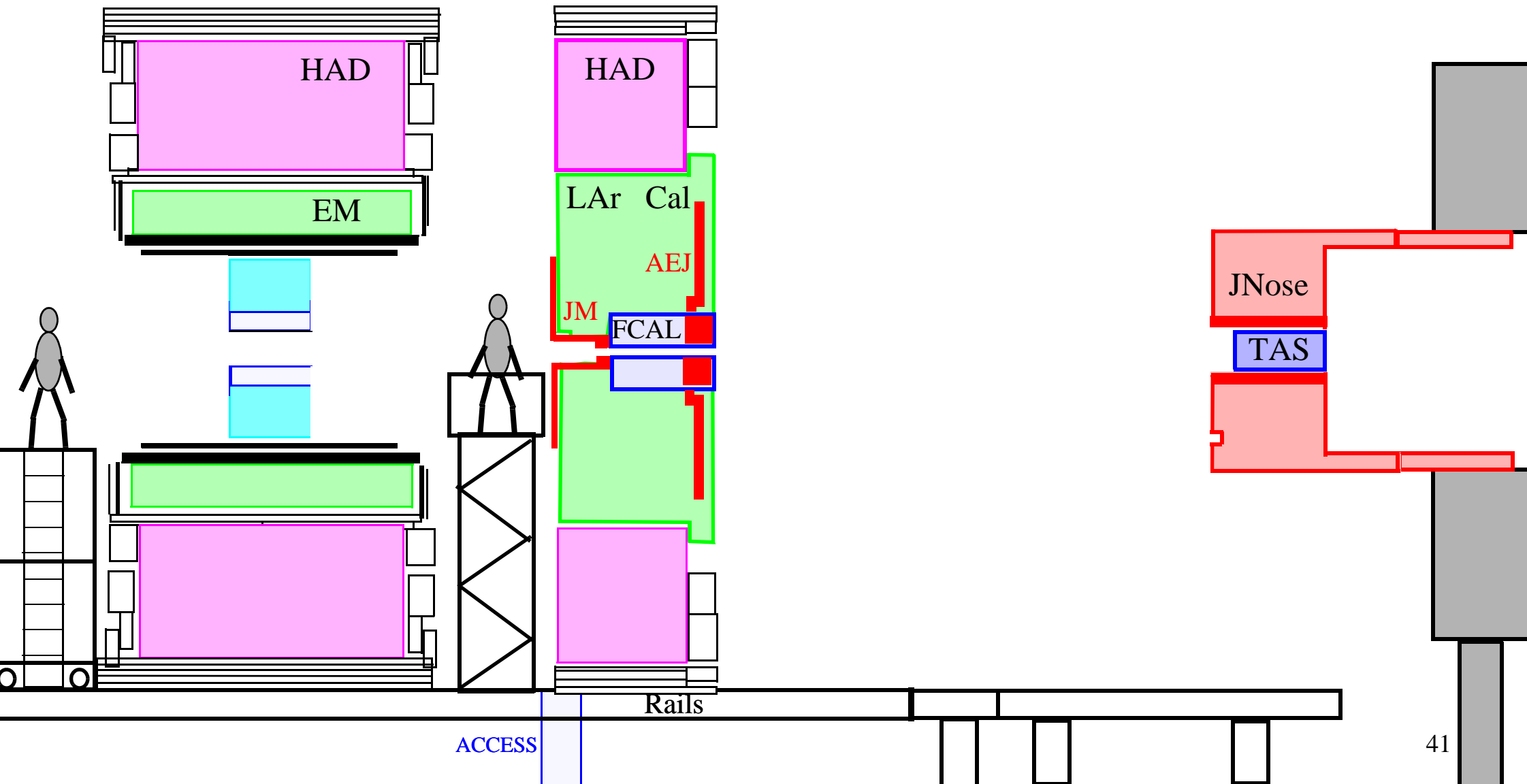


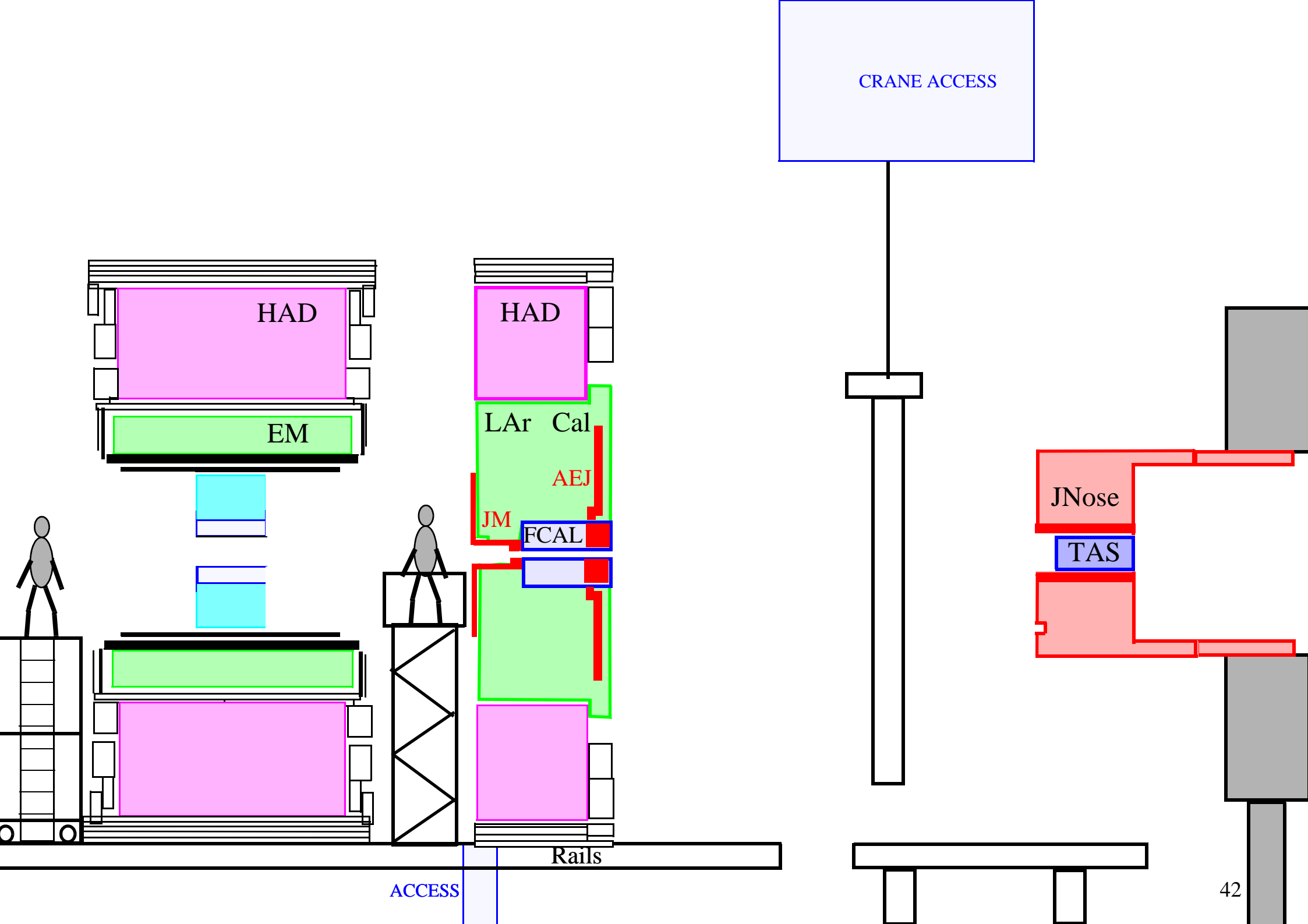
CRANE ACCESS



No access by the lift !

CRANE ACCESS





HAD

EM

HAD

LAr Cal

AEJ

JM

FCAL

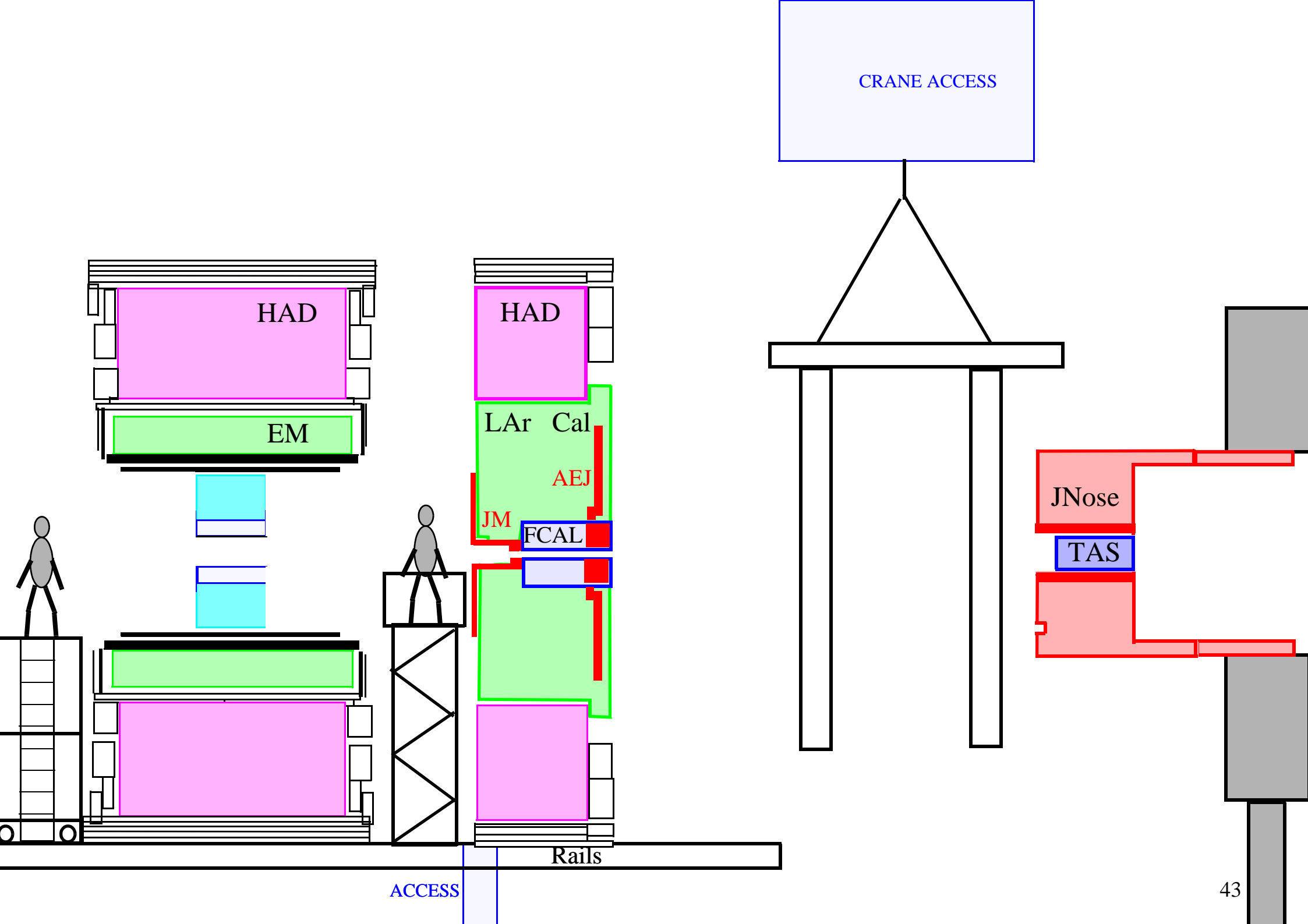
CRANE ACCESS

JNose

TAS

Rails

ACCESS



CRANE ACCESS

HAD

EM

HAD

LAr Cal

AEJ

JM

FCAL

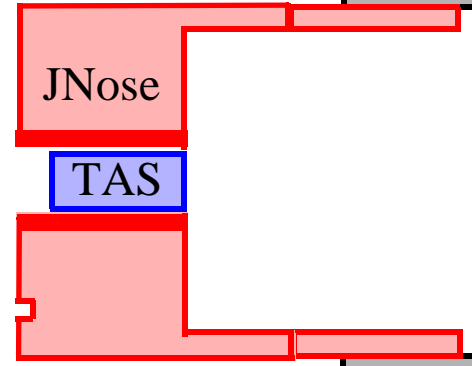
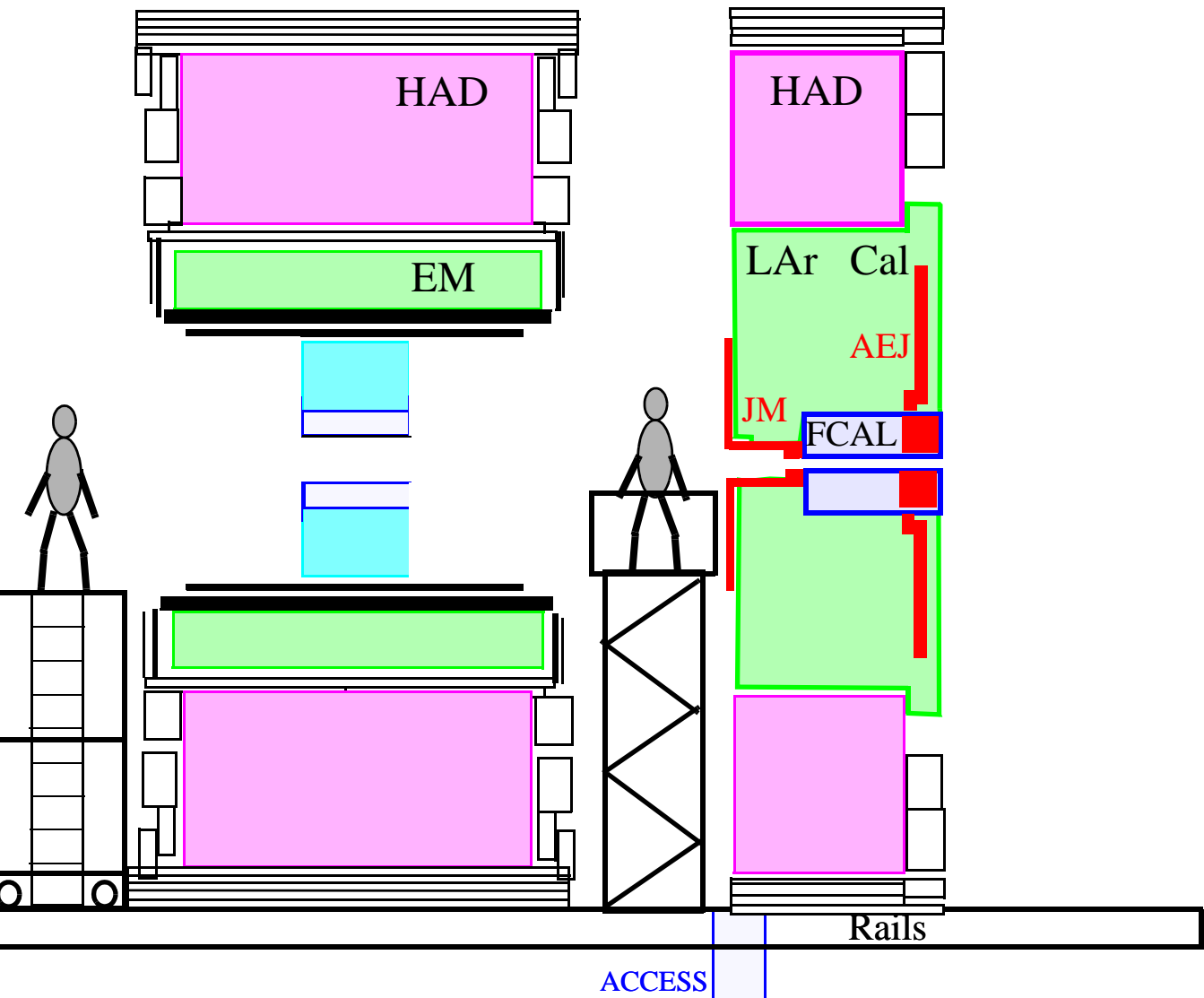
JNose

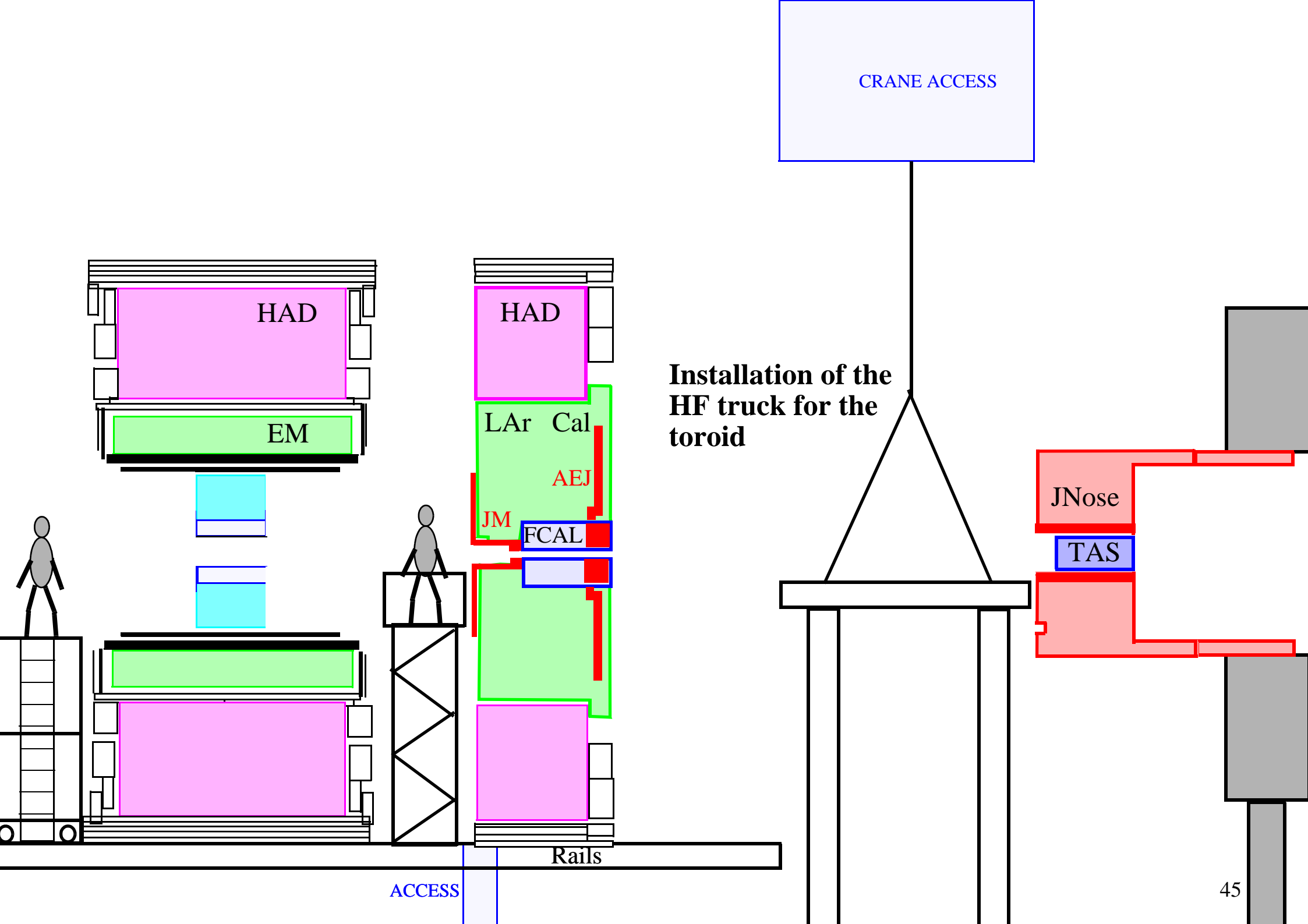
TAS

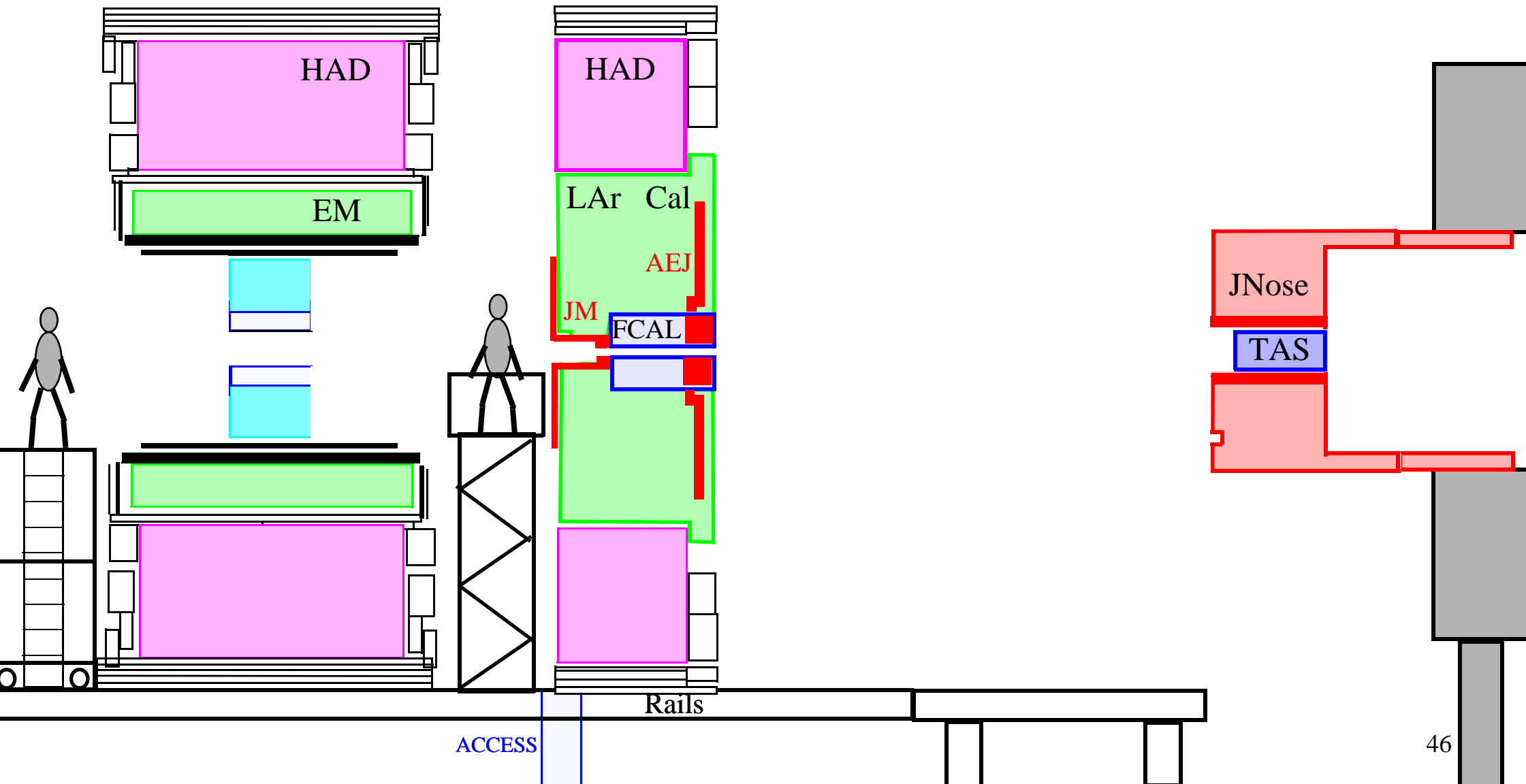
Rails

ACCESS

CRANE ACCESS

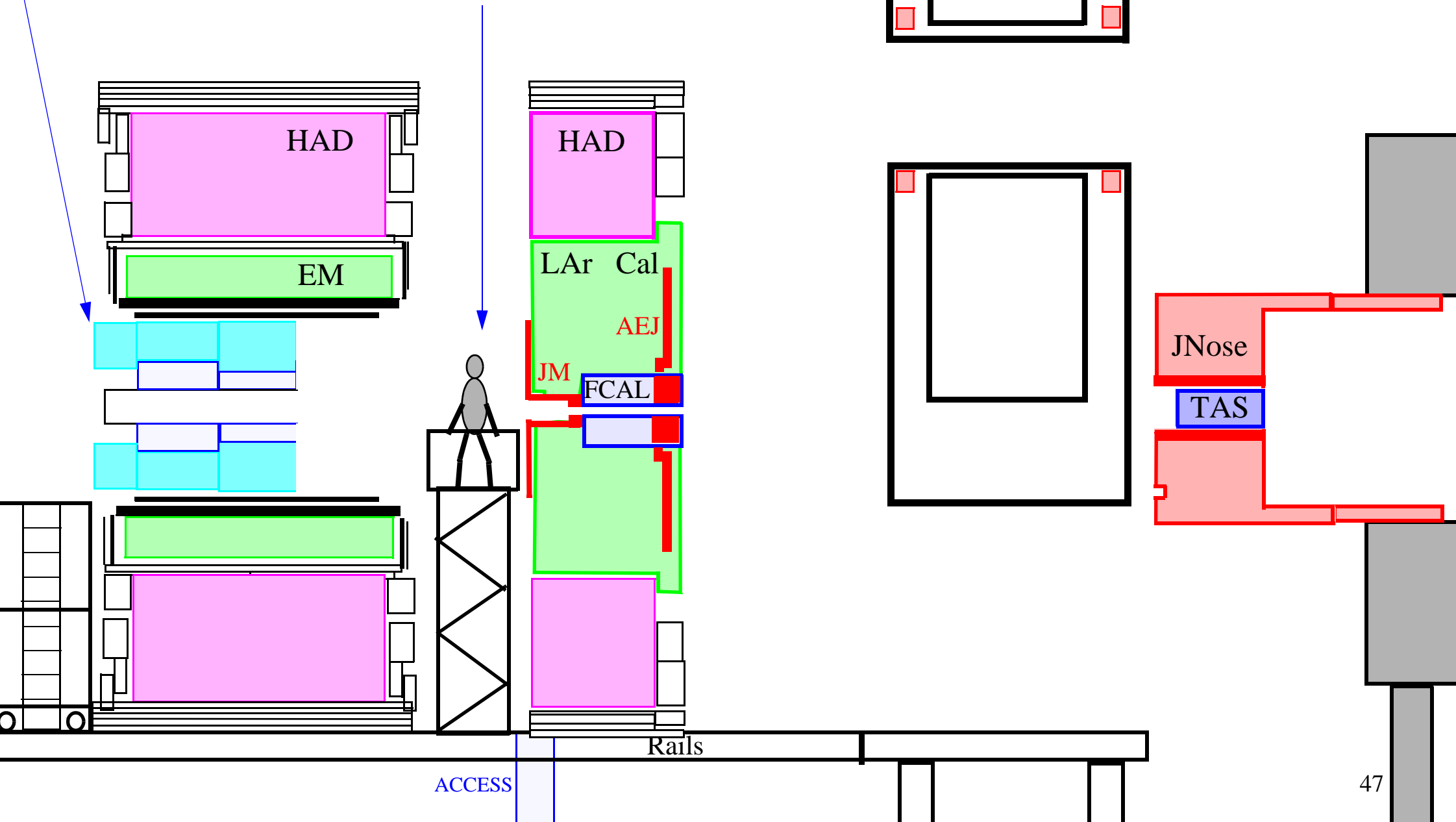


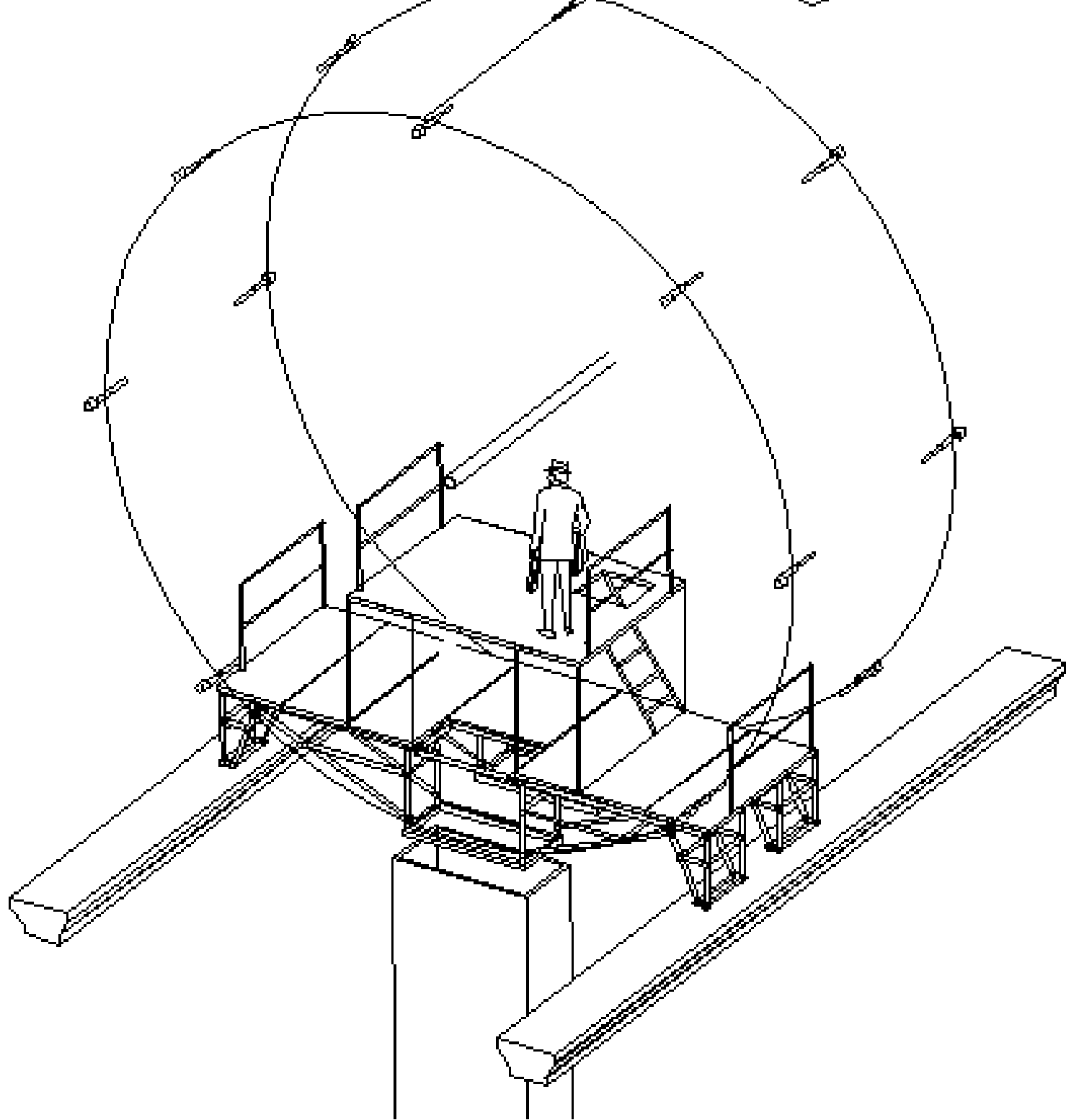


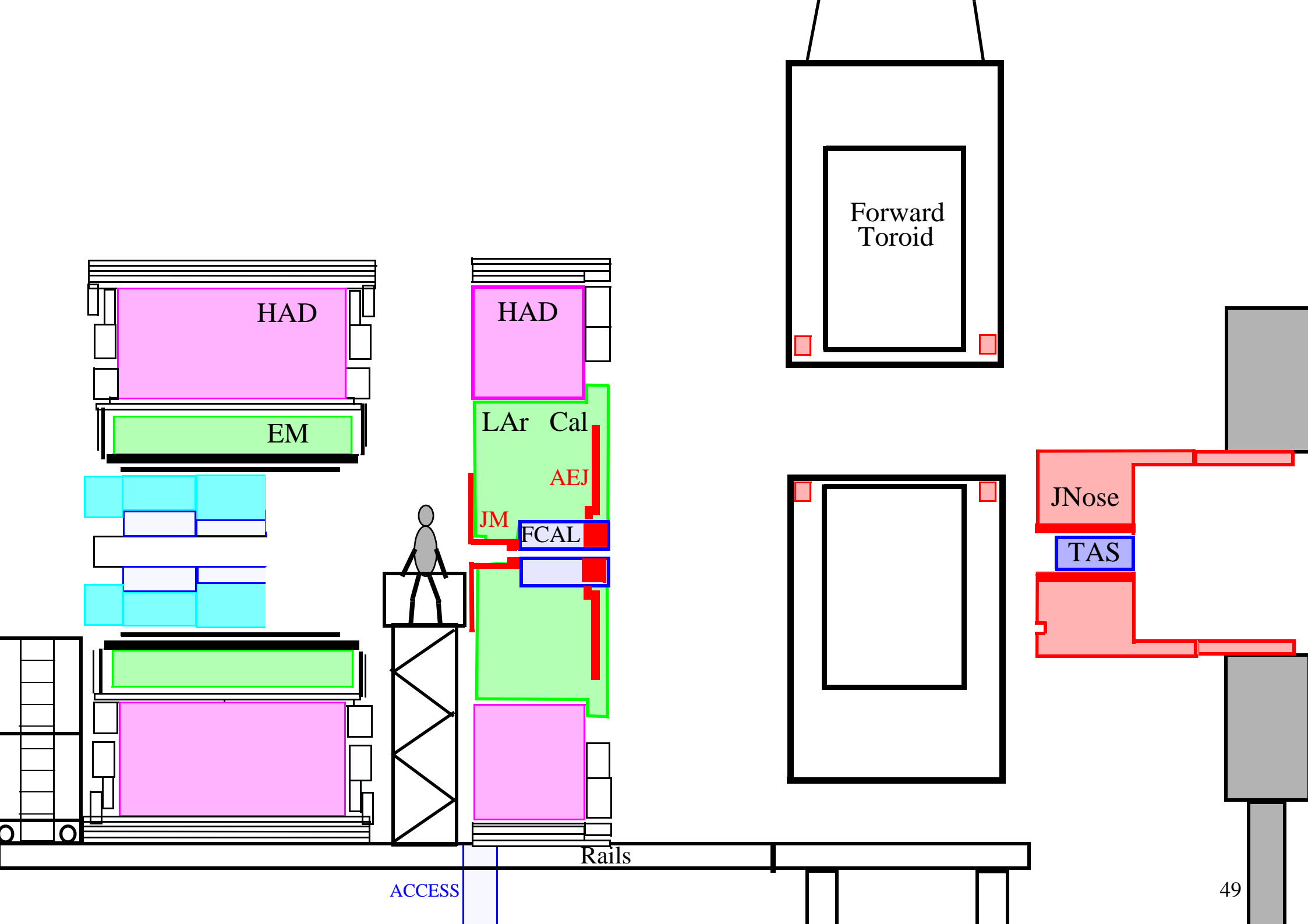


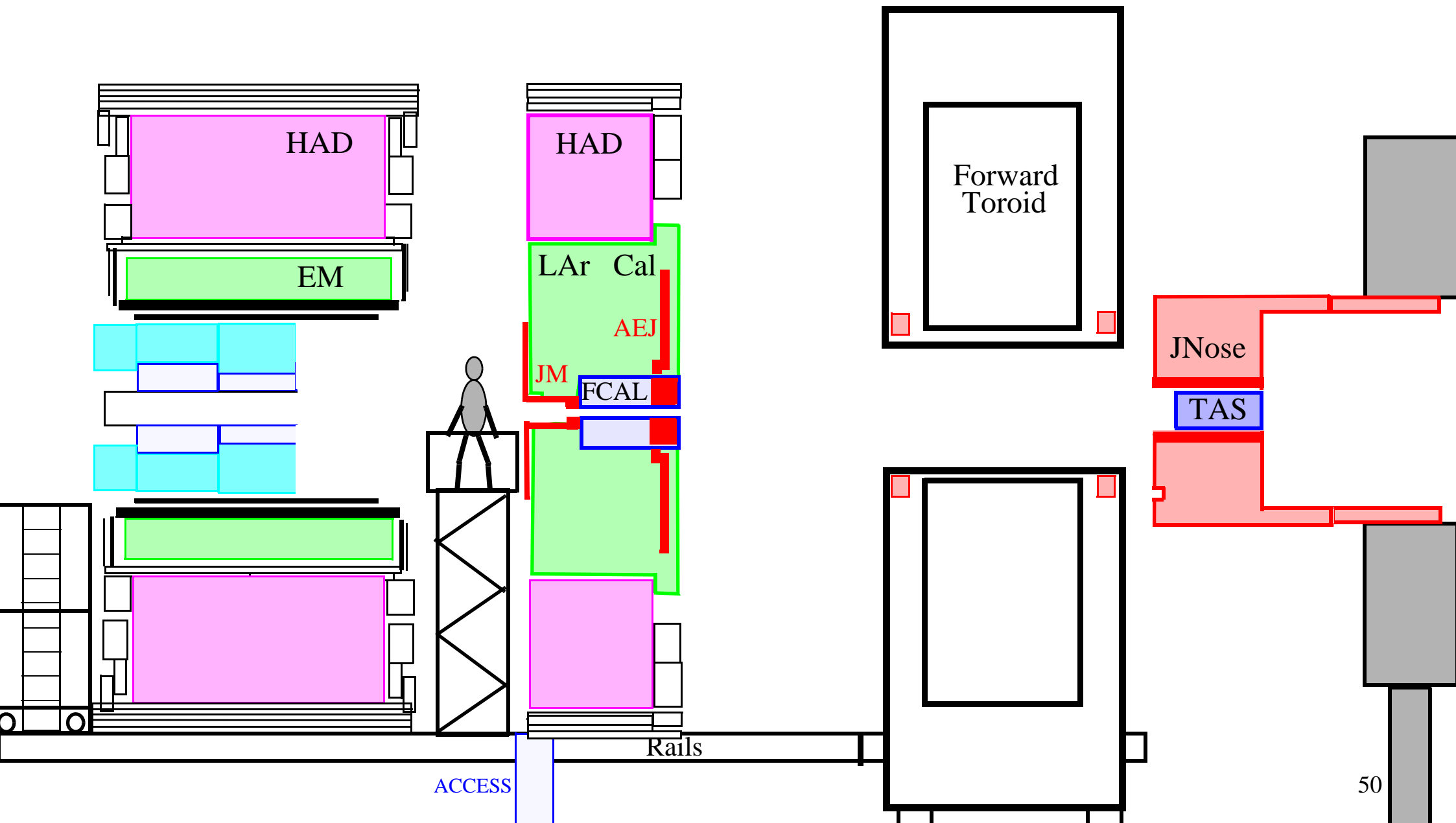
September 2006

The ID-C is installed from the C-side.
Is the scaffolding on the A-side sufficient ?









HAD

EM

HAD

LAr Cal

AEJ

JM

FCAL

HAD

Forward
Toroid

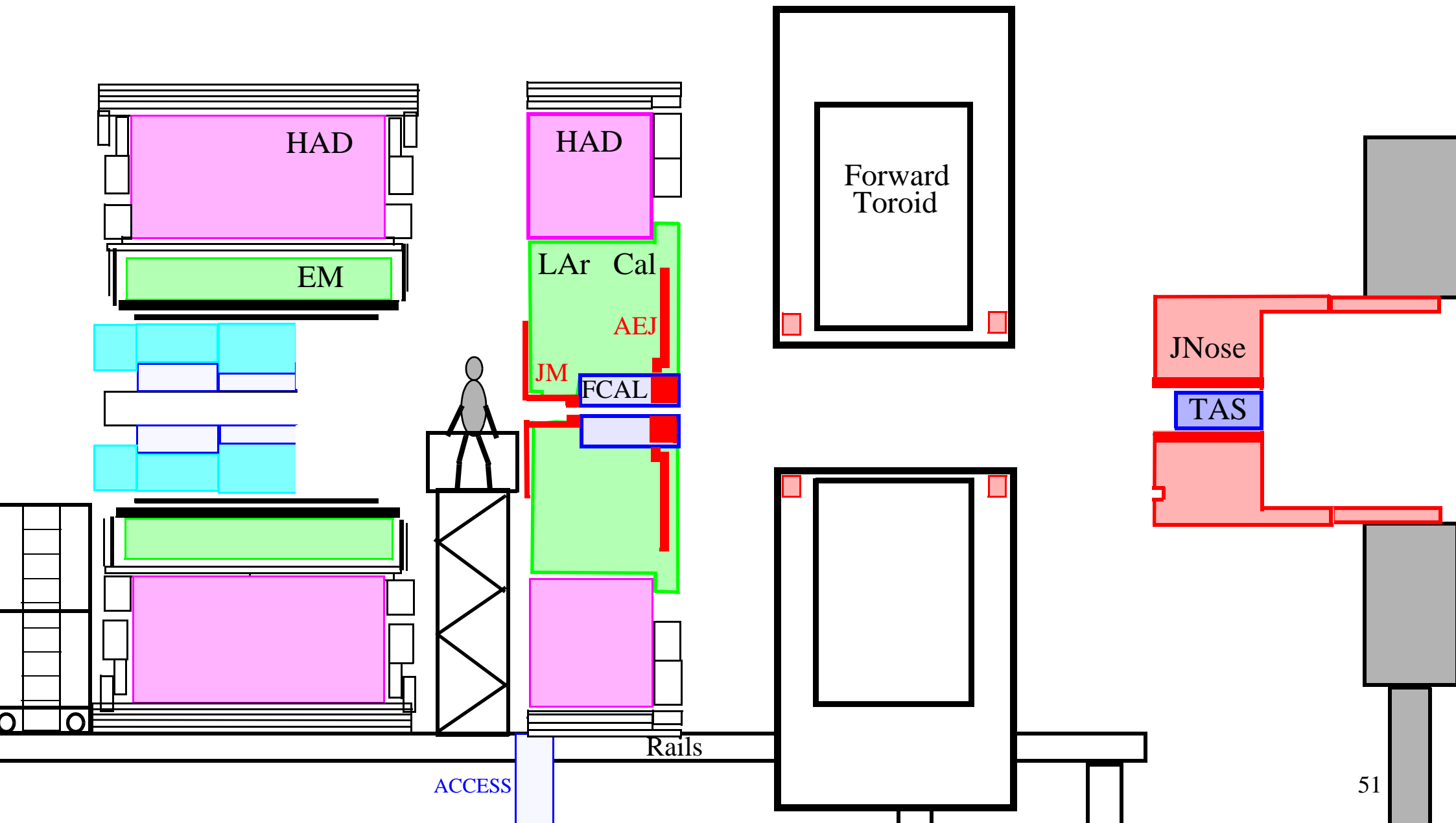
JNose

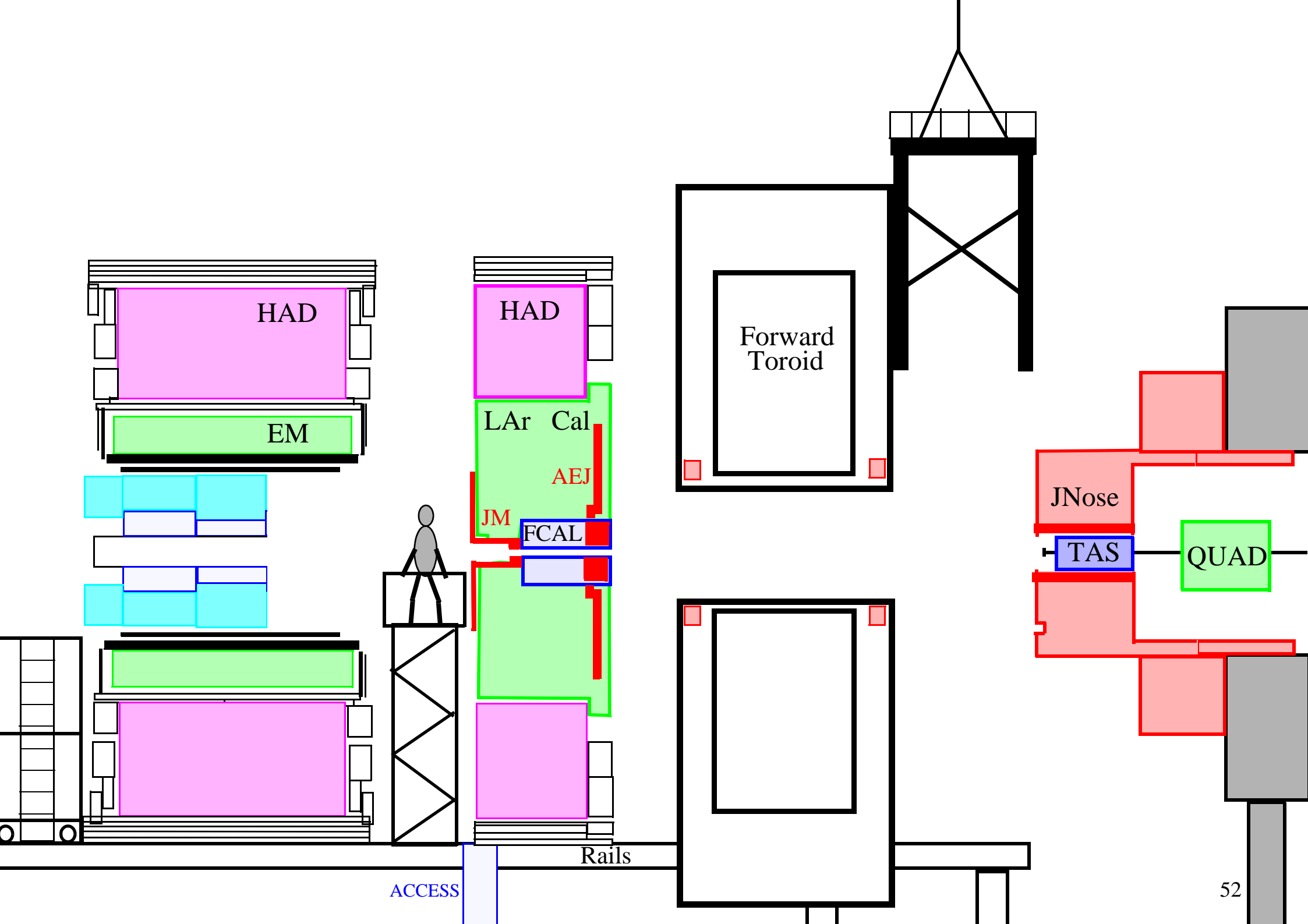
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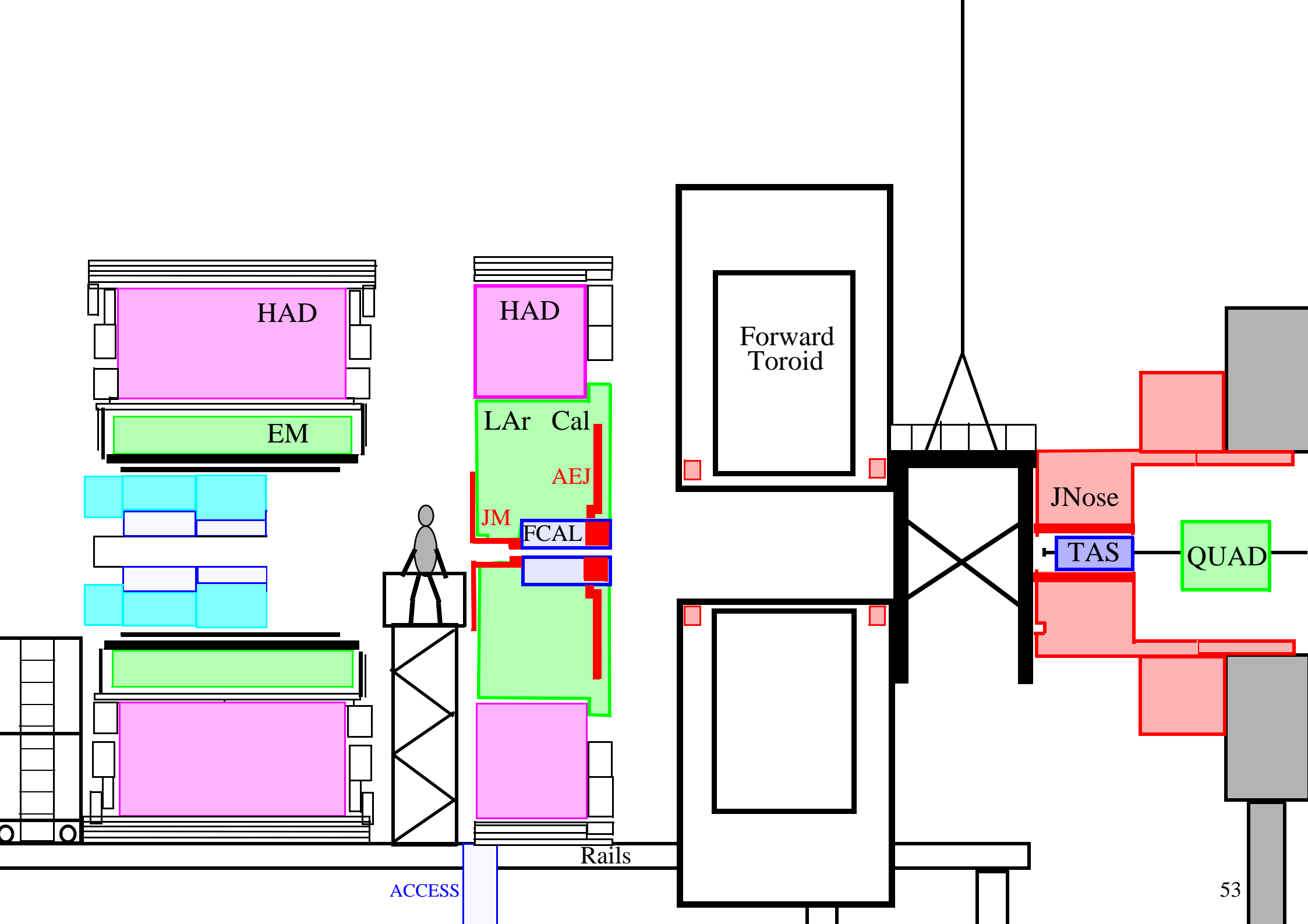
Rails

ACCESS

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HAD

EM

HAD

LAr Cal

AEJ

JM

FCAL

Forward
Toroid

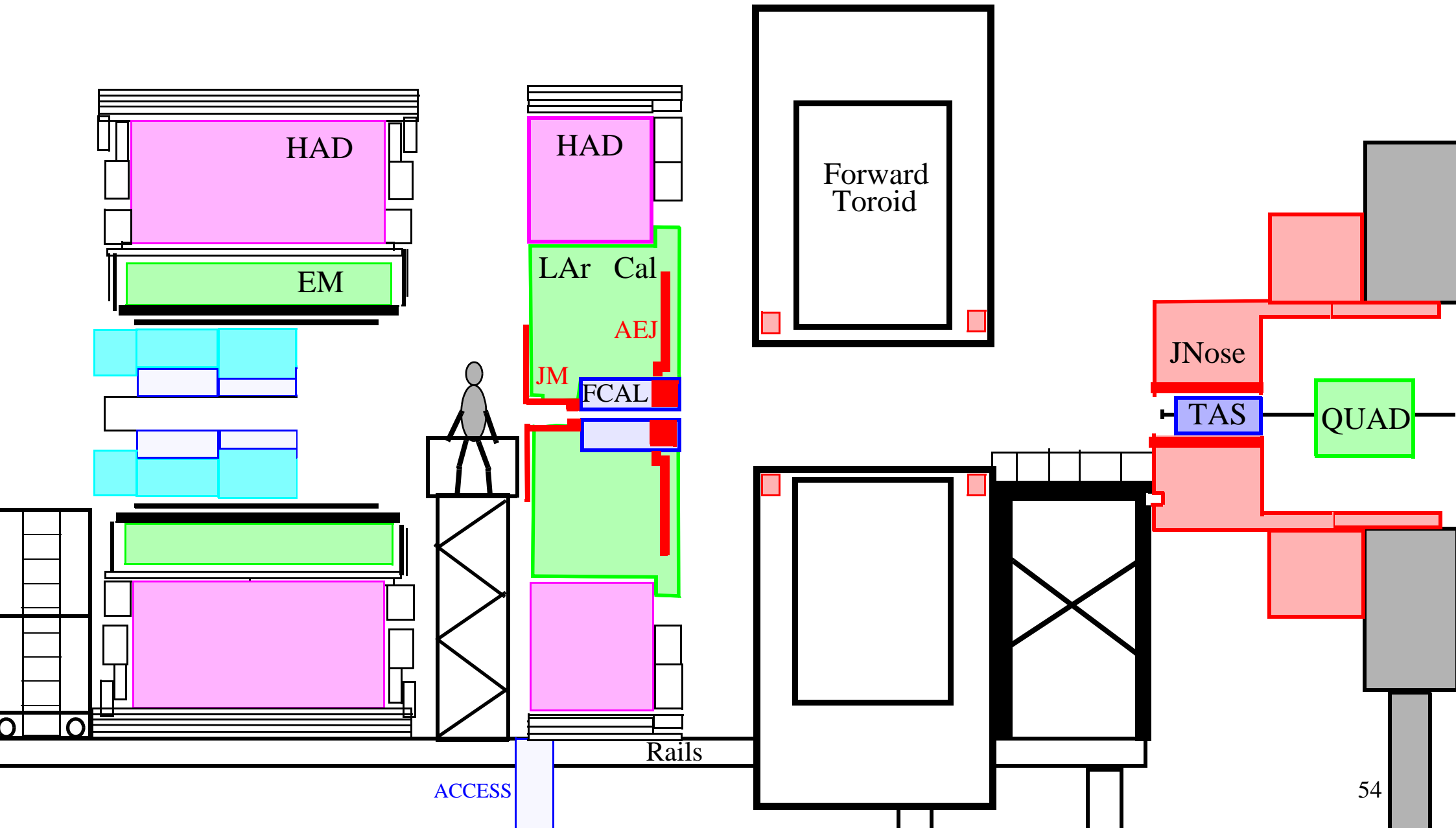
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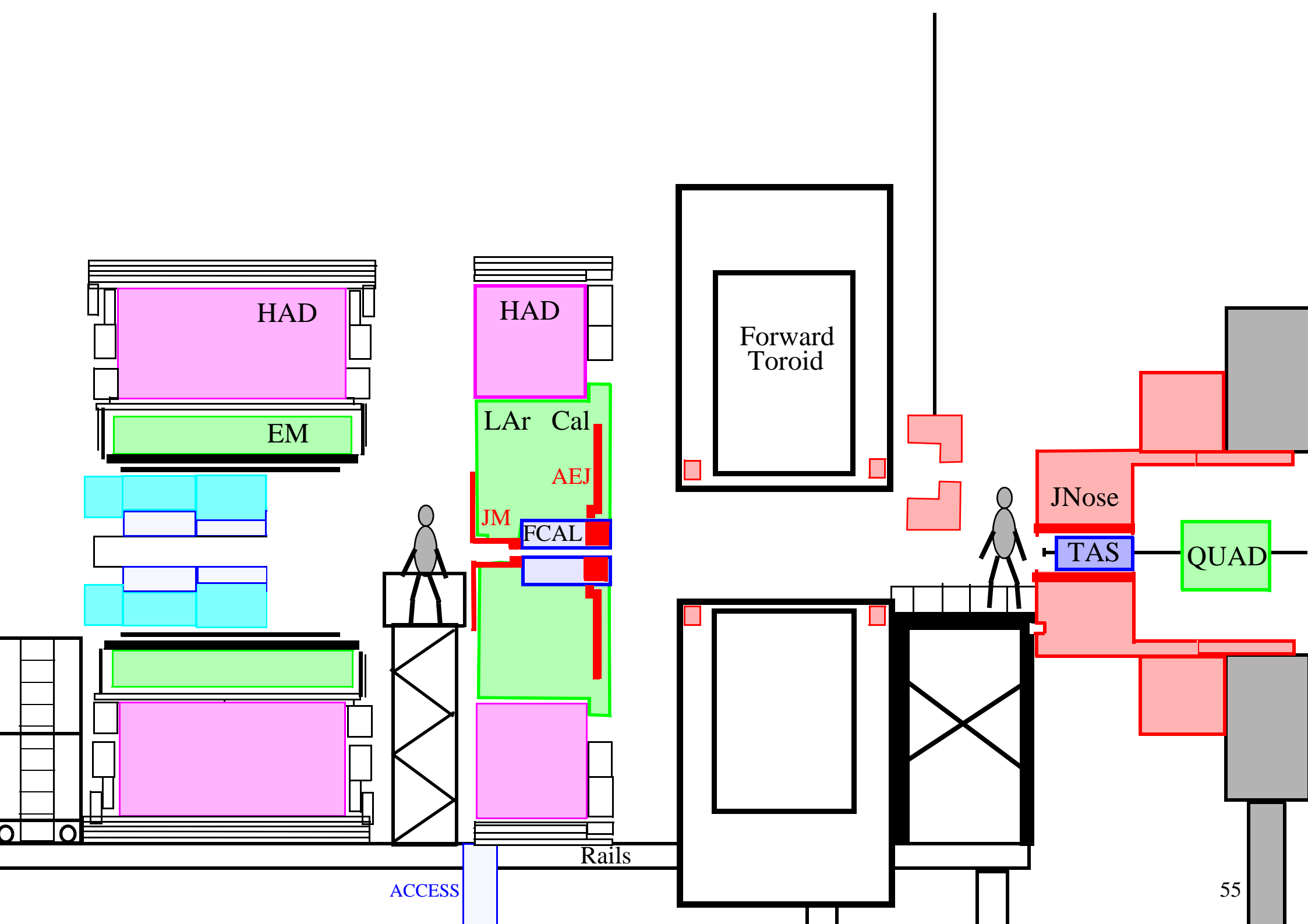
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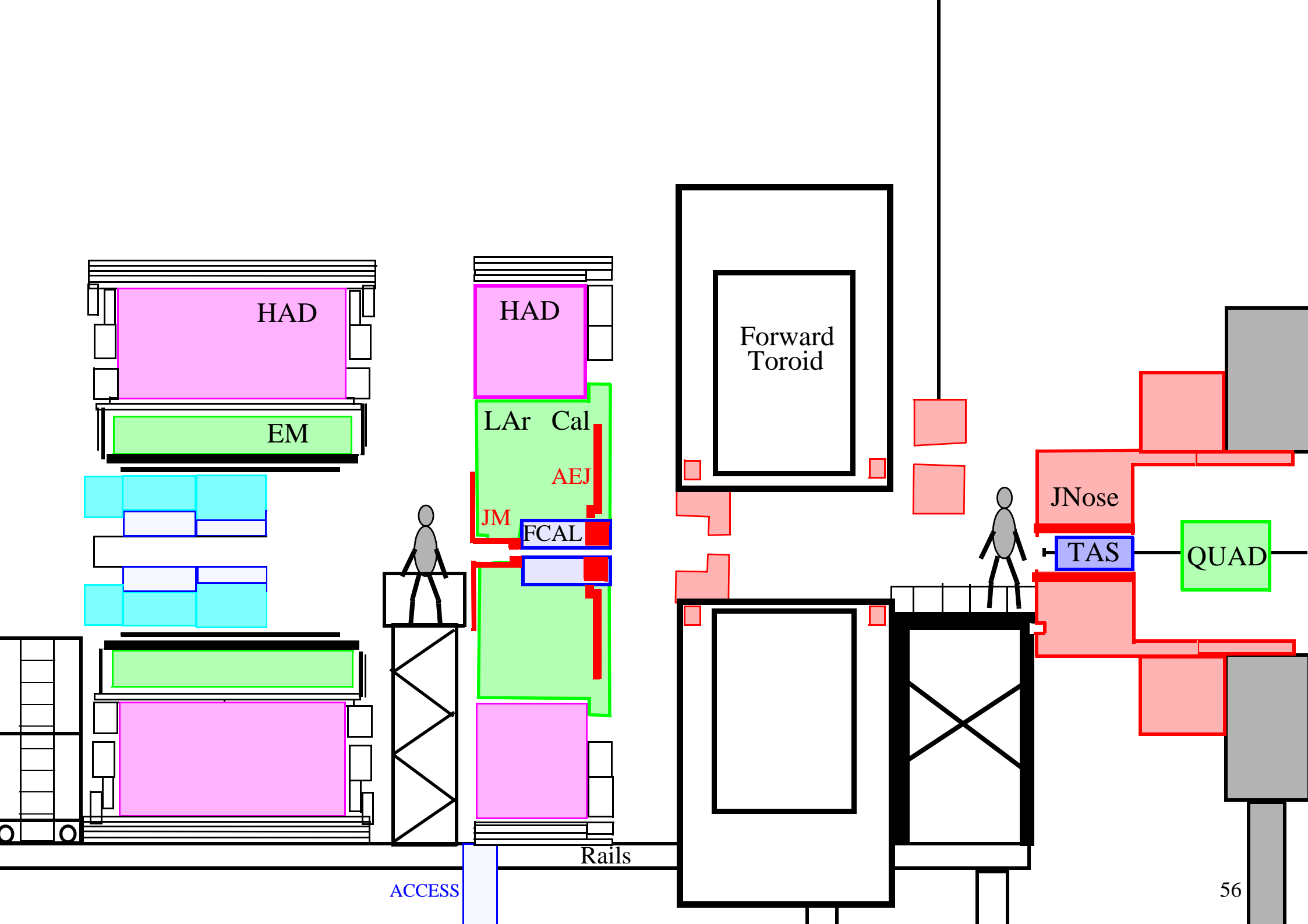
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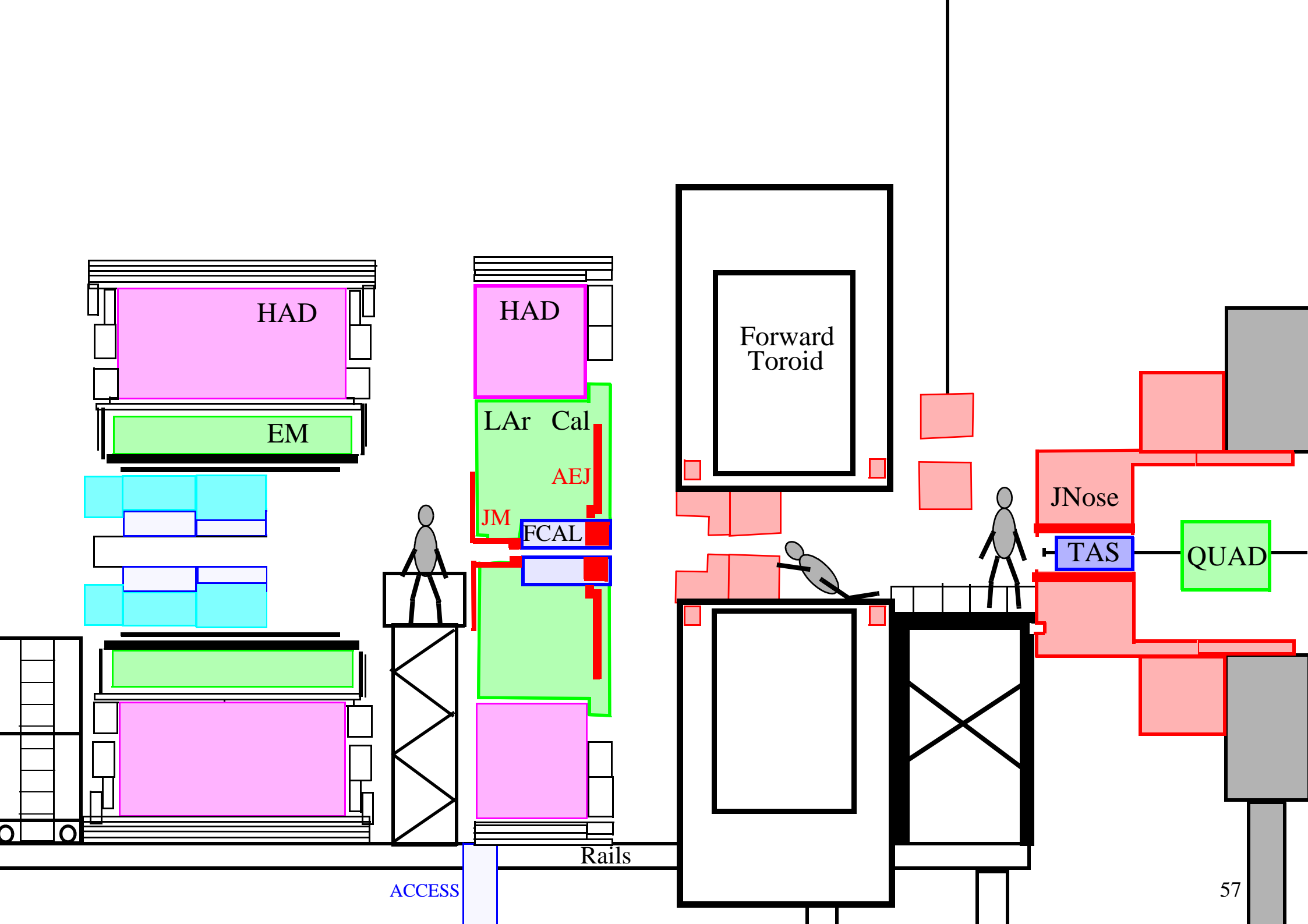
Rails

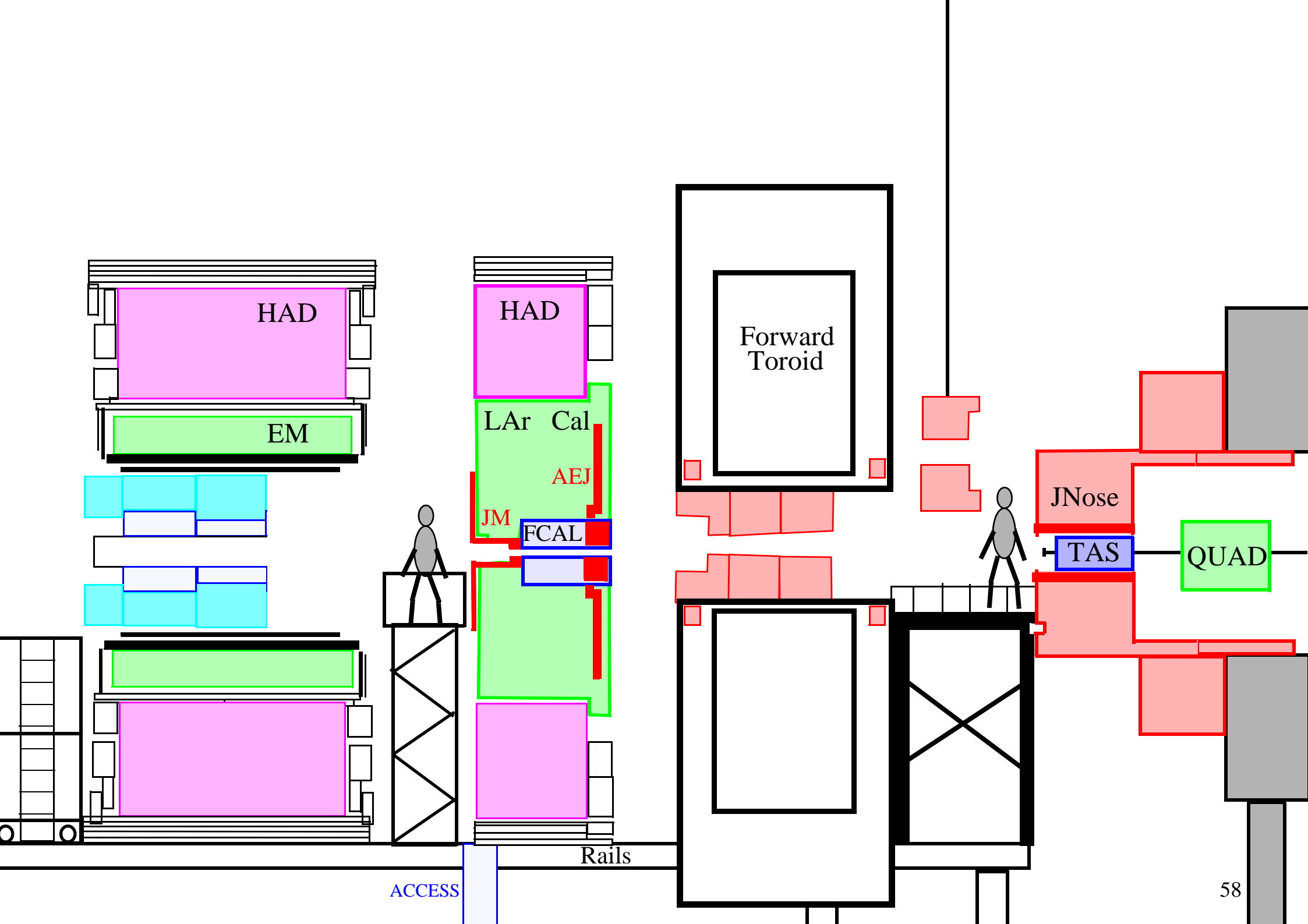
ACCESS

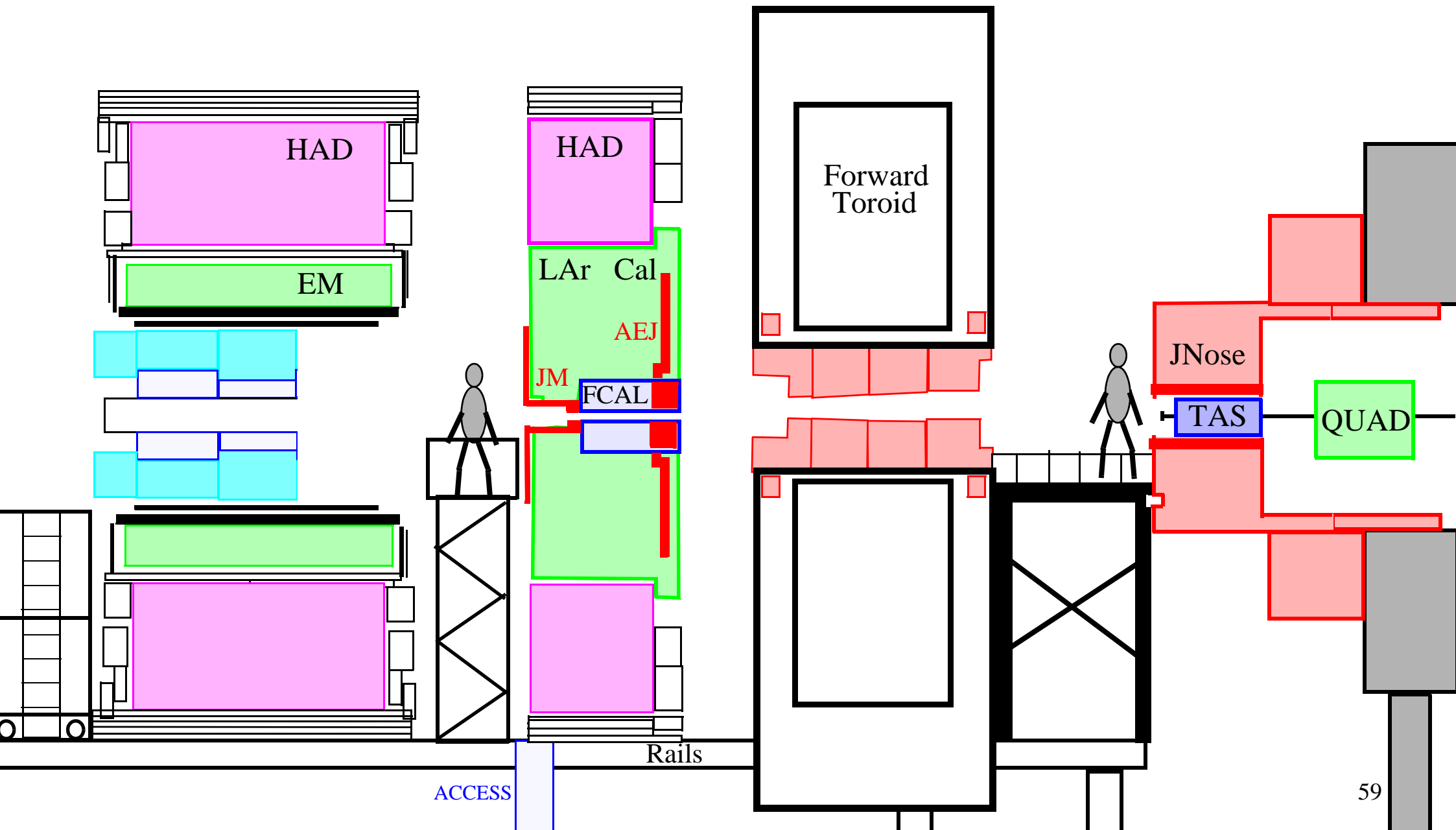


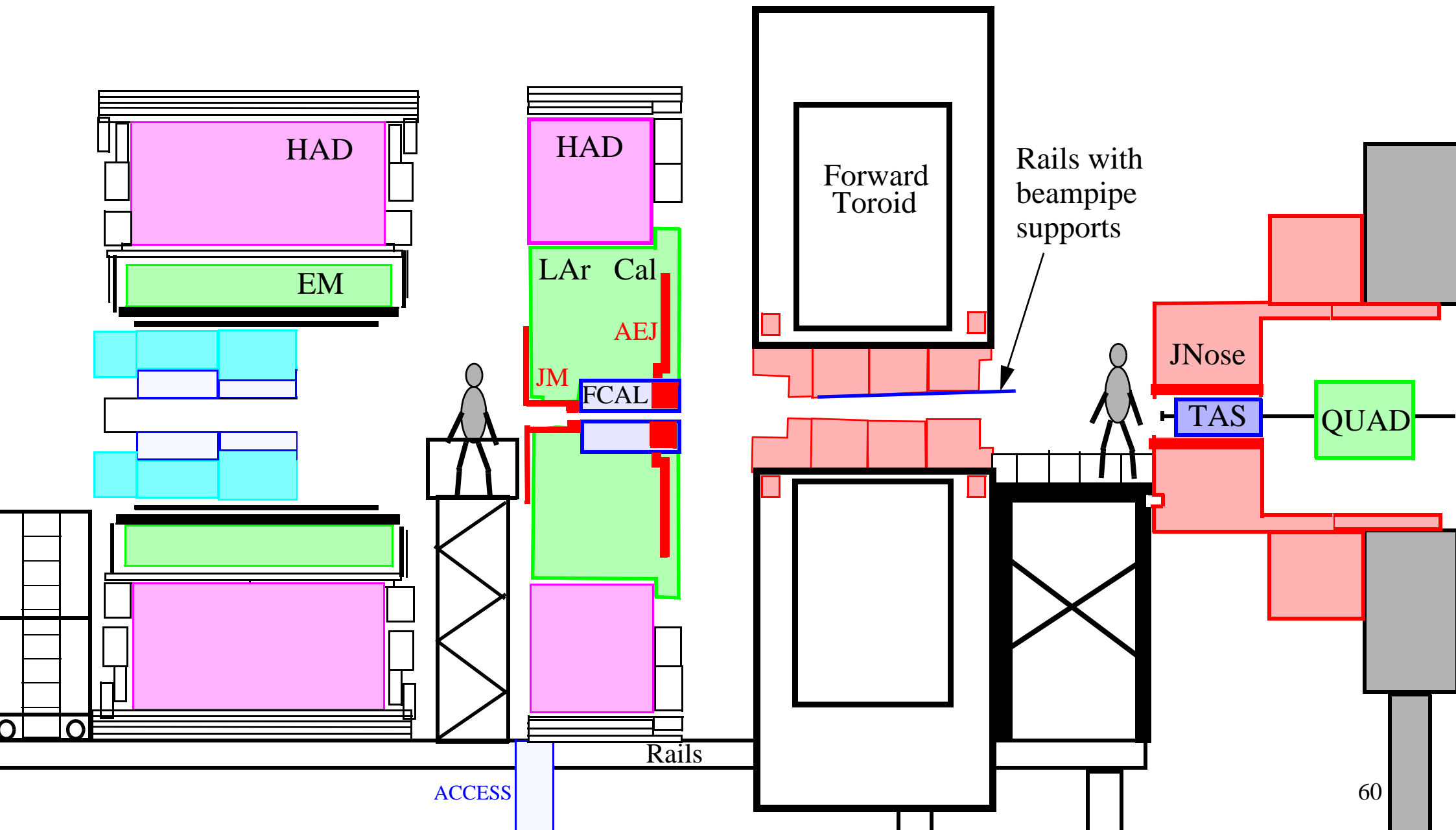


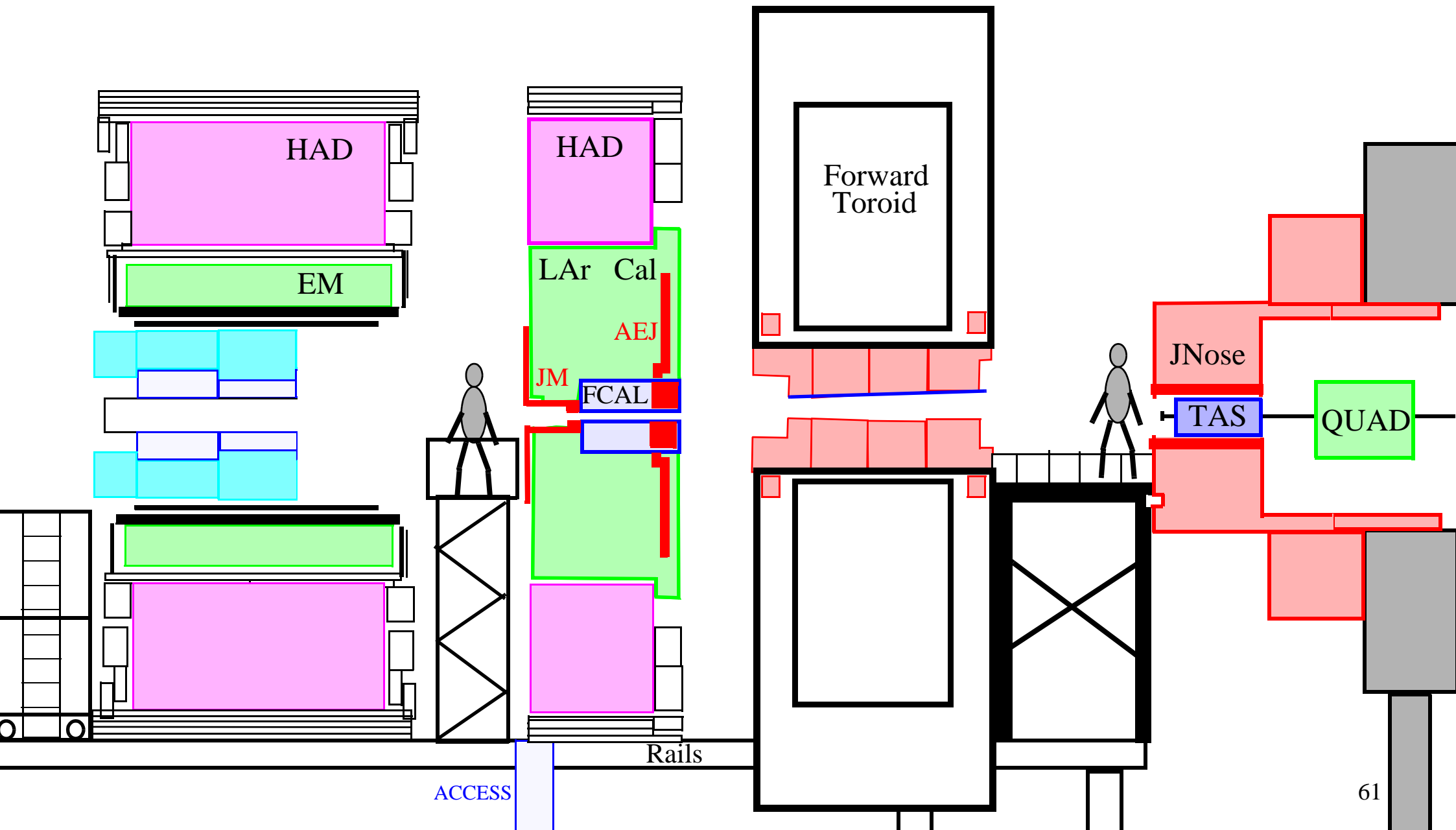


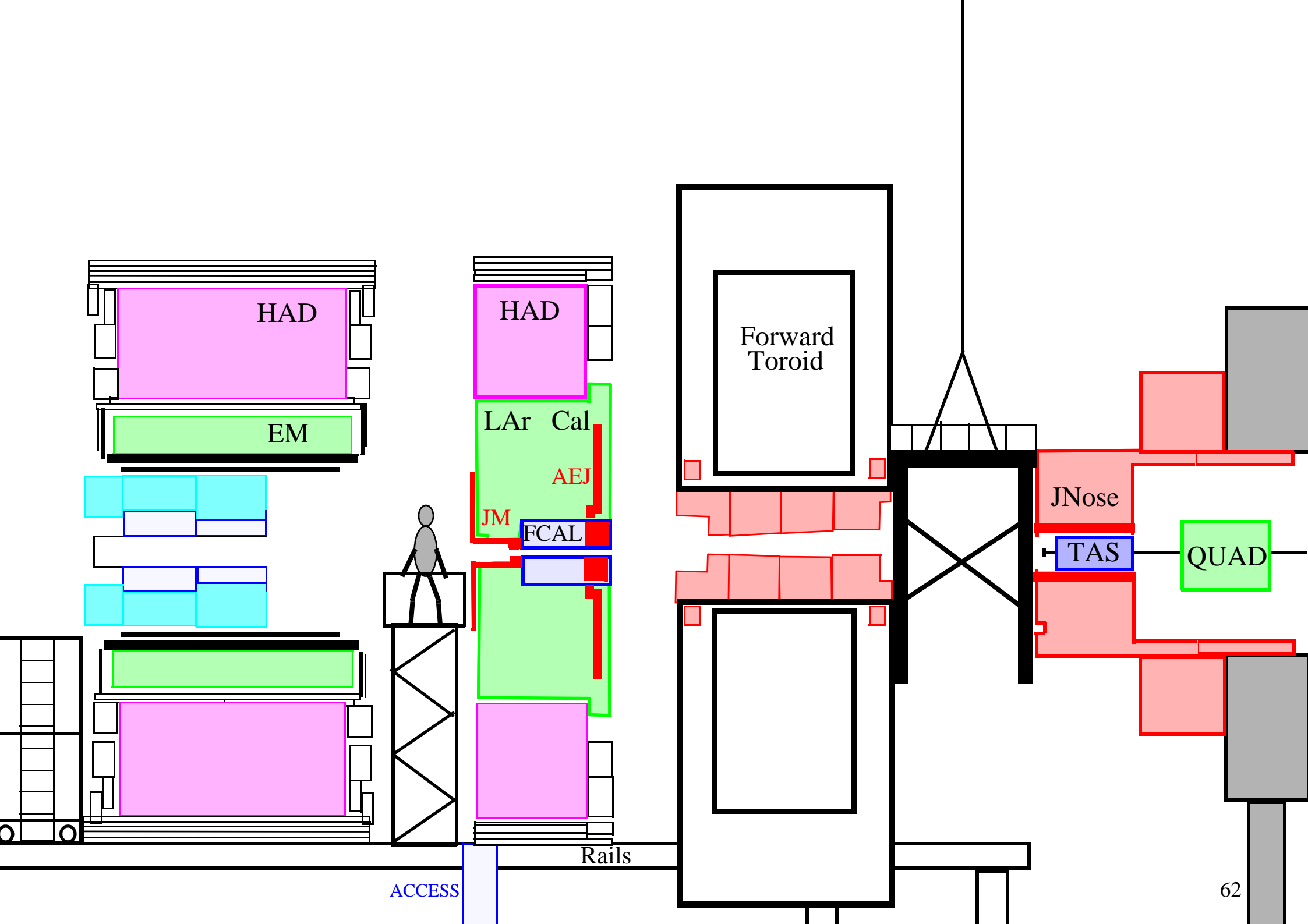


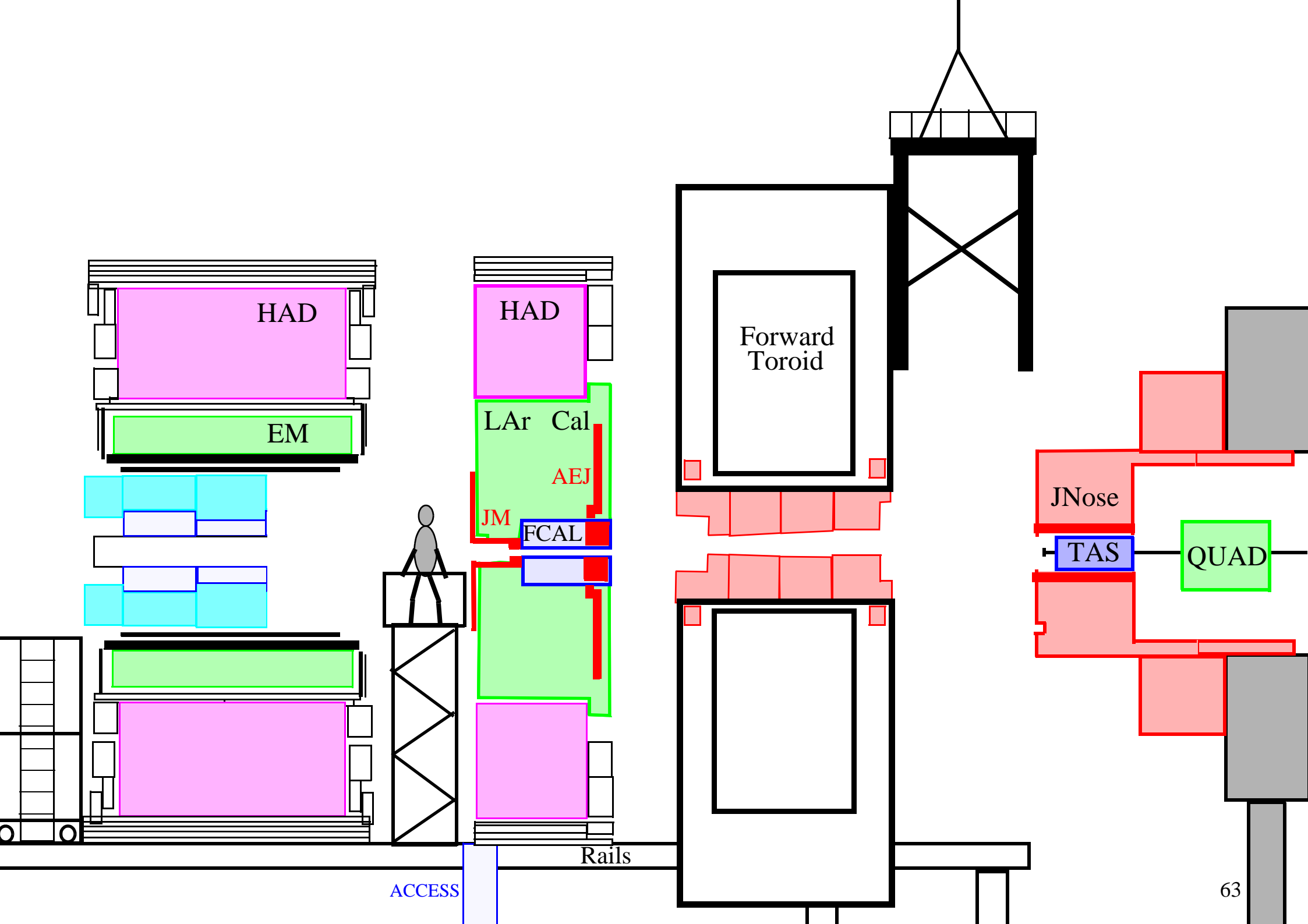


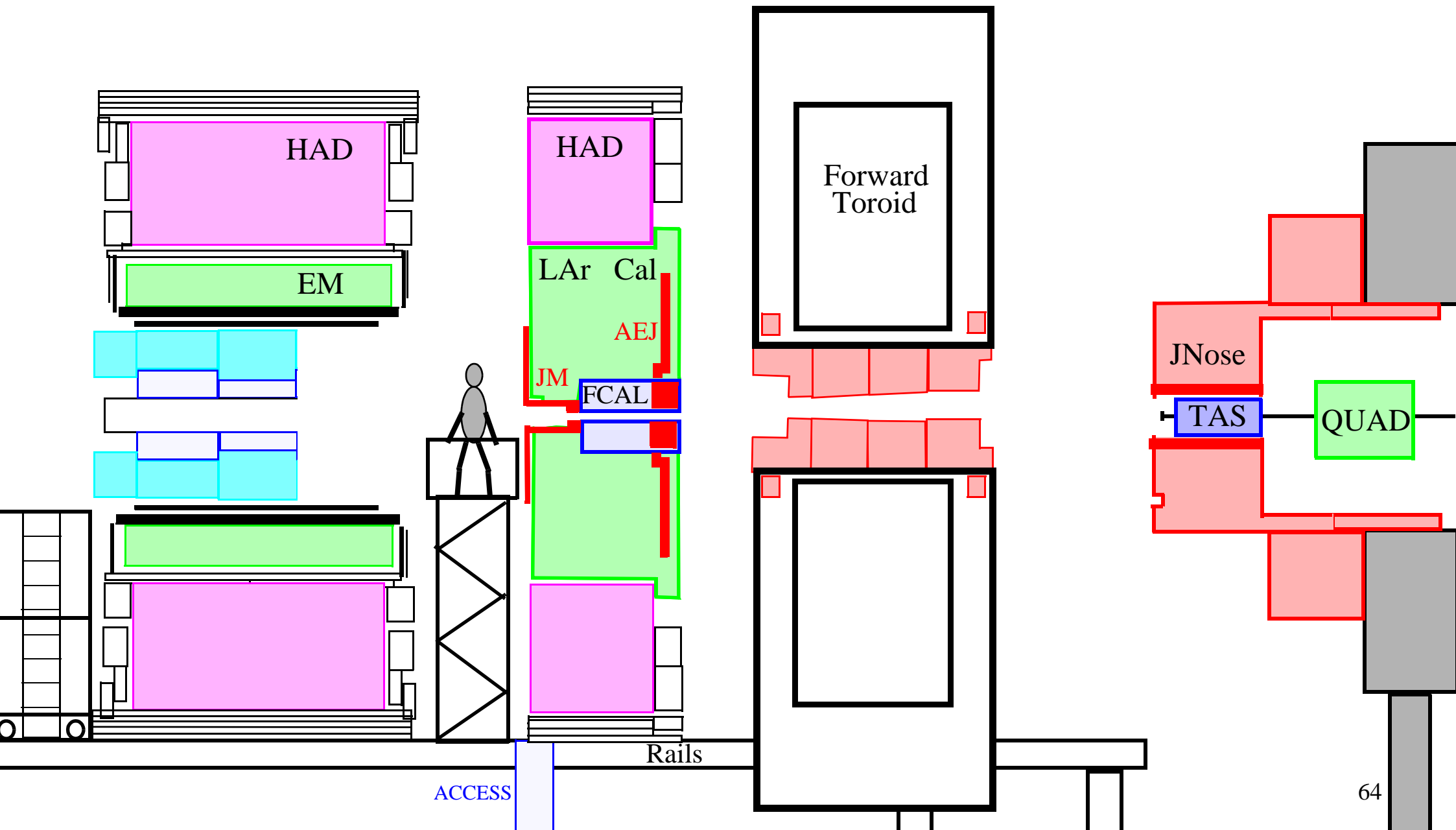


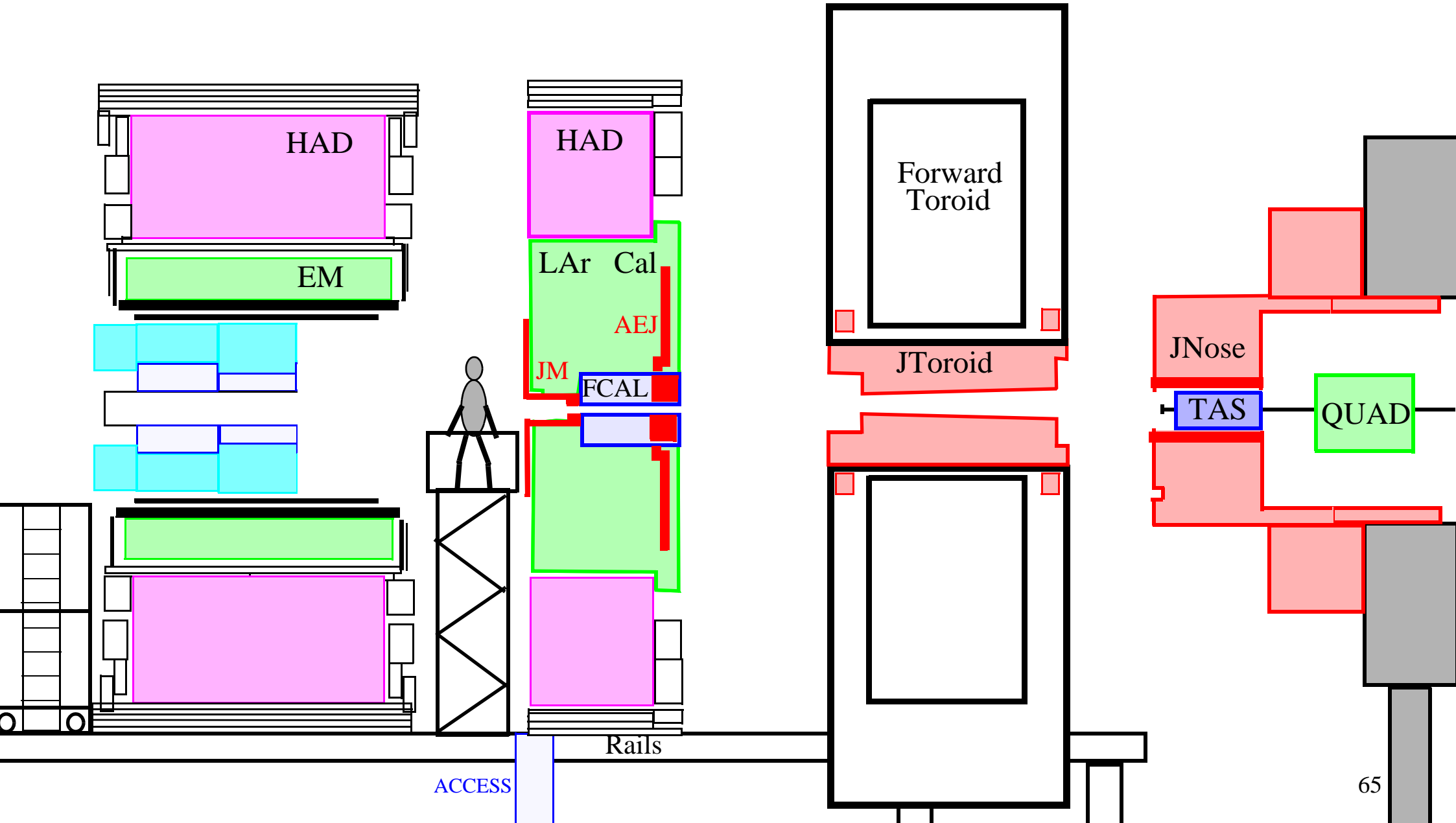


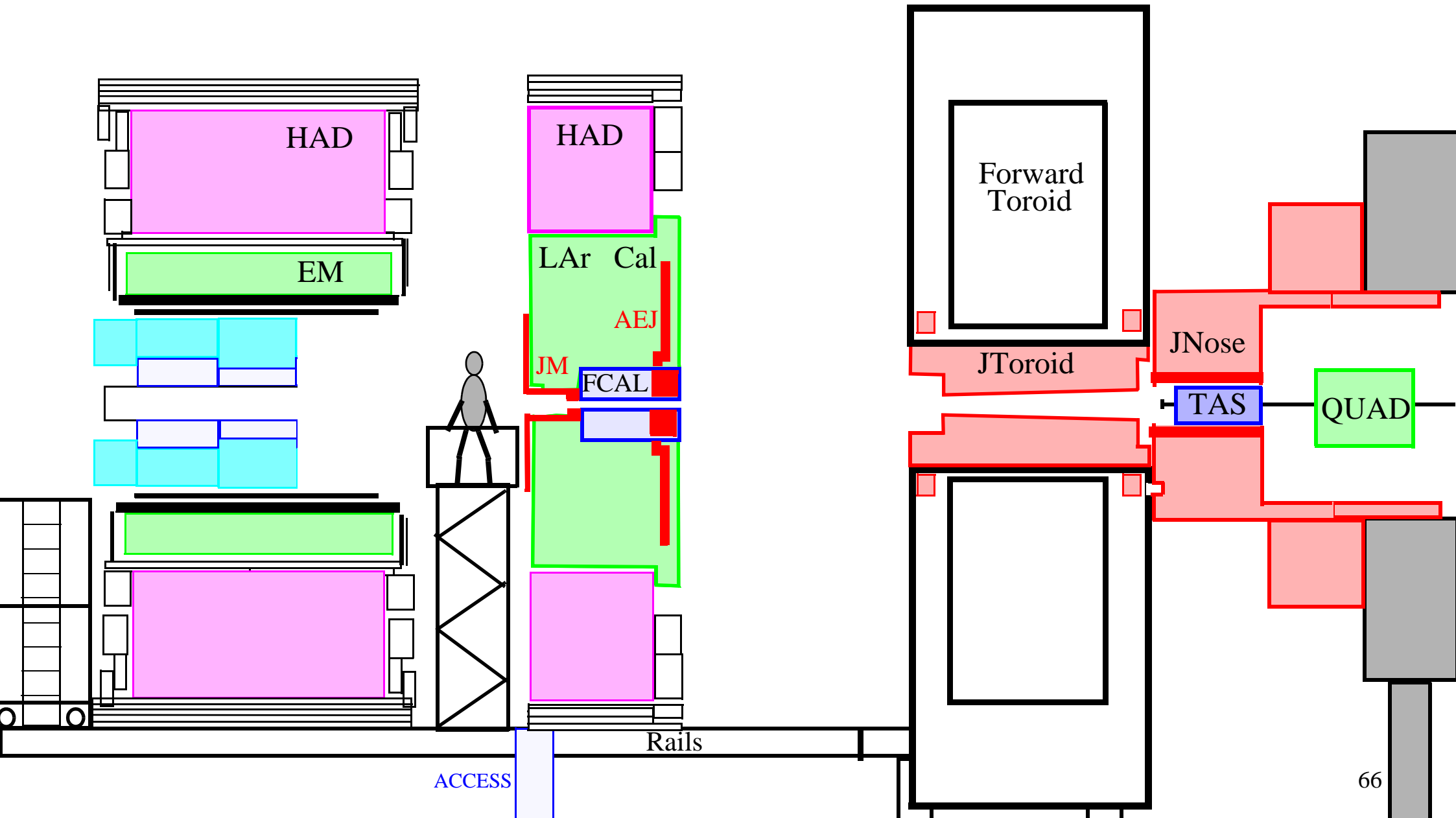


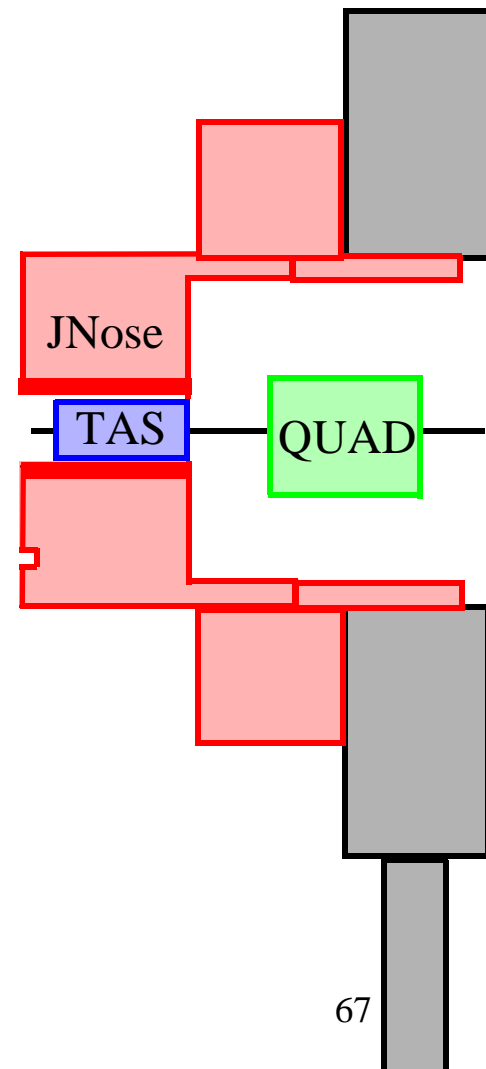
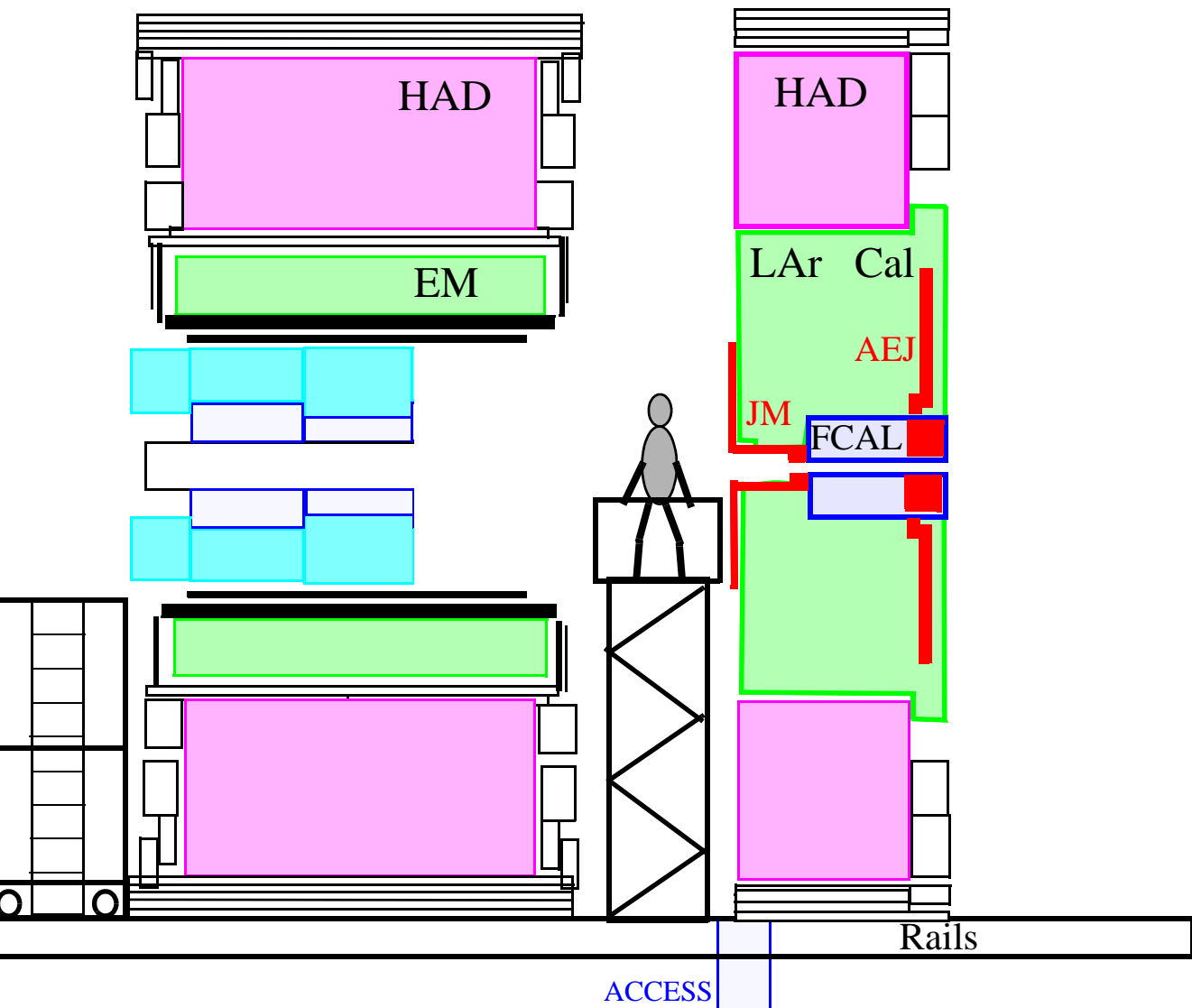


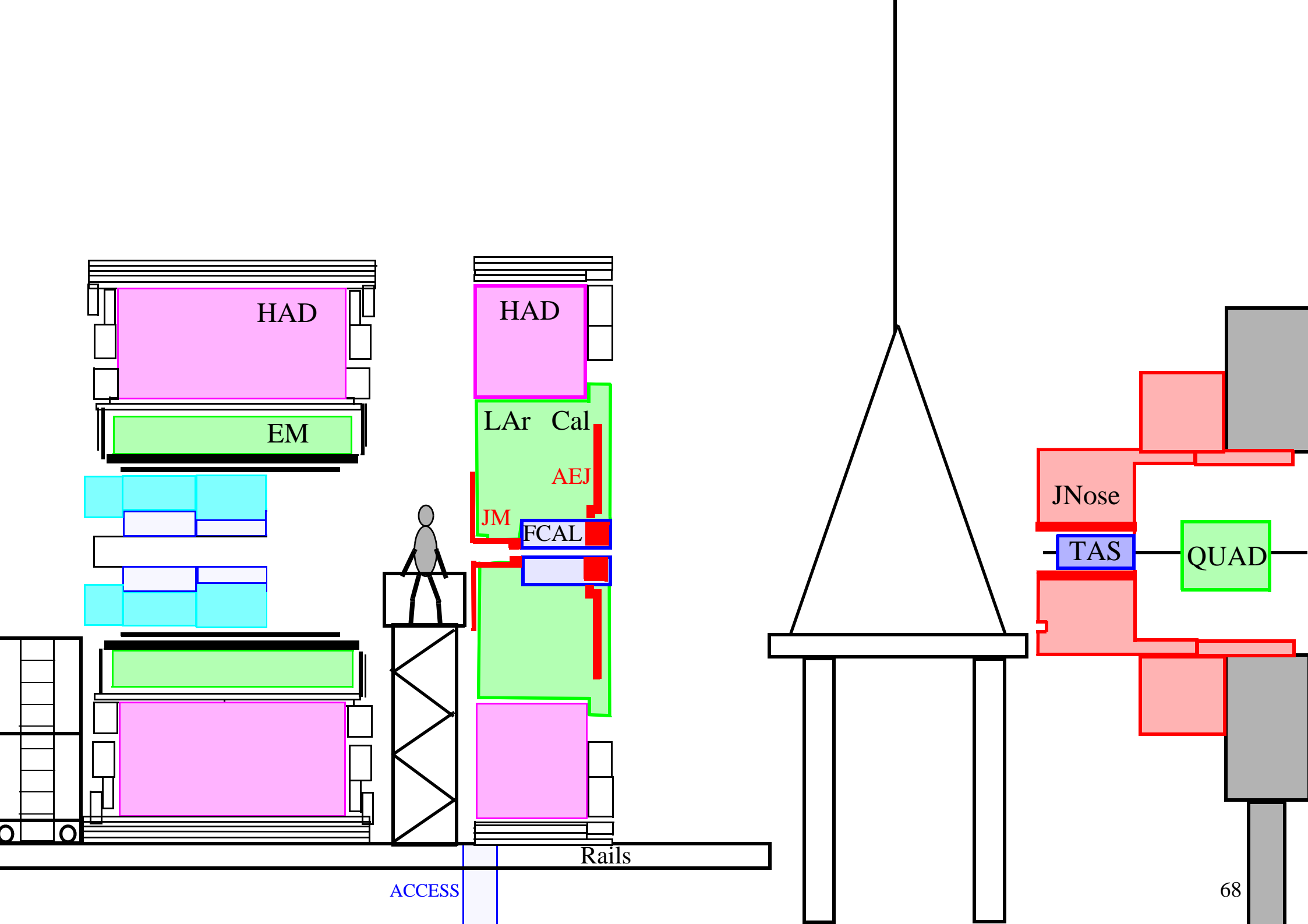


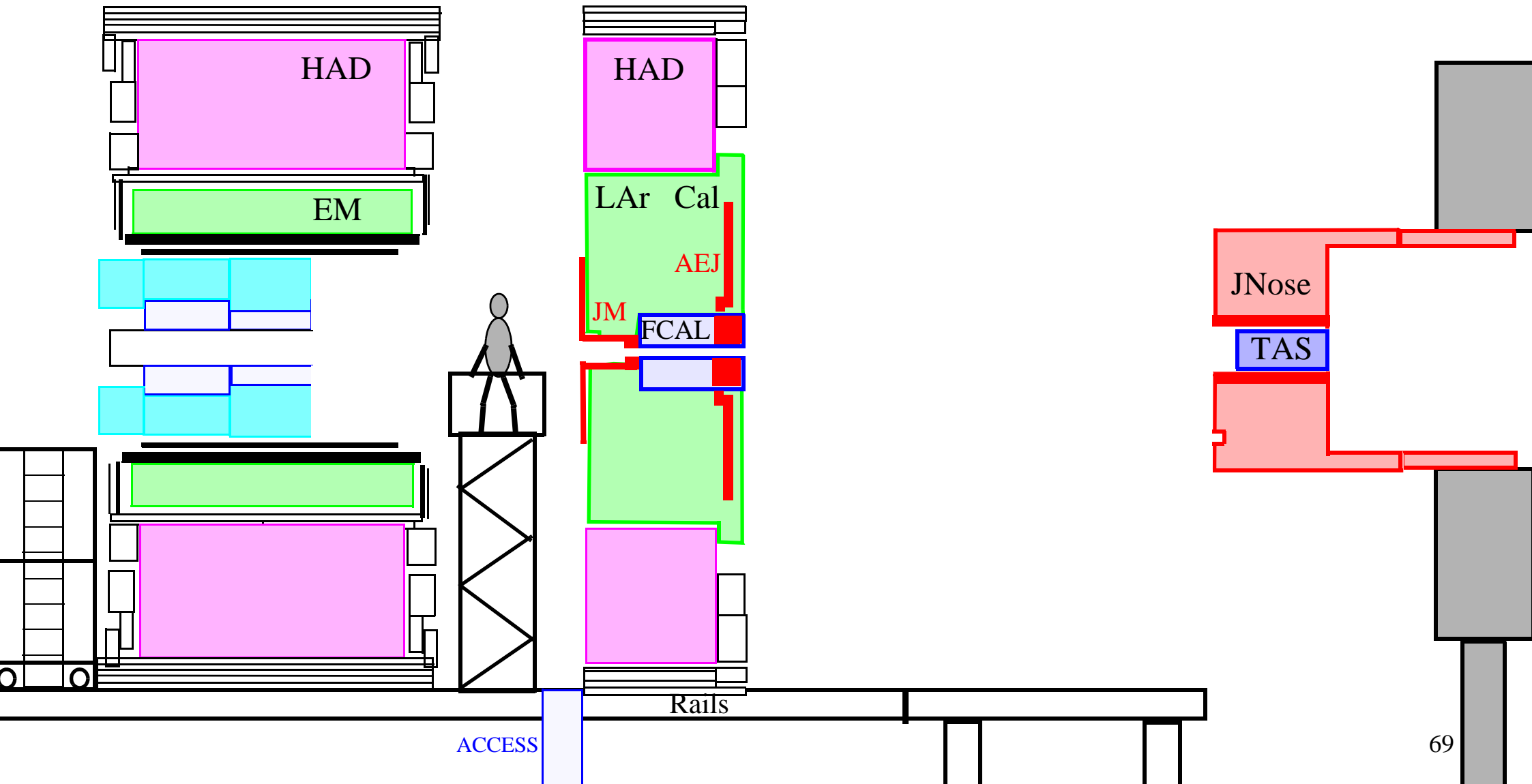


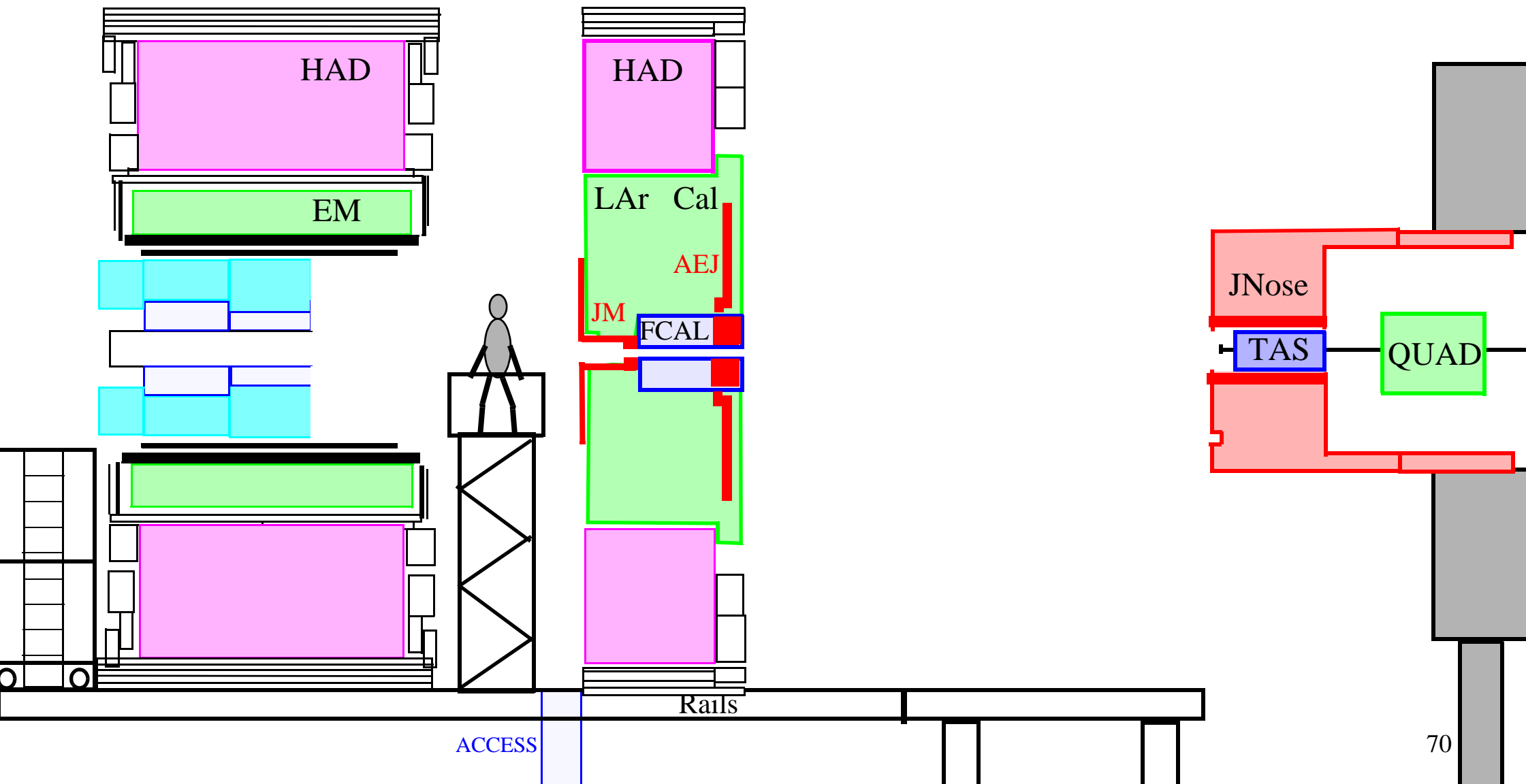


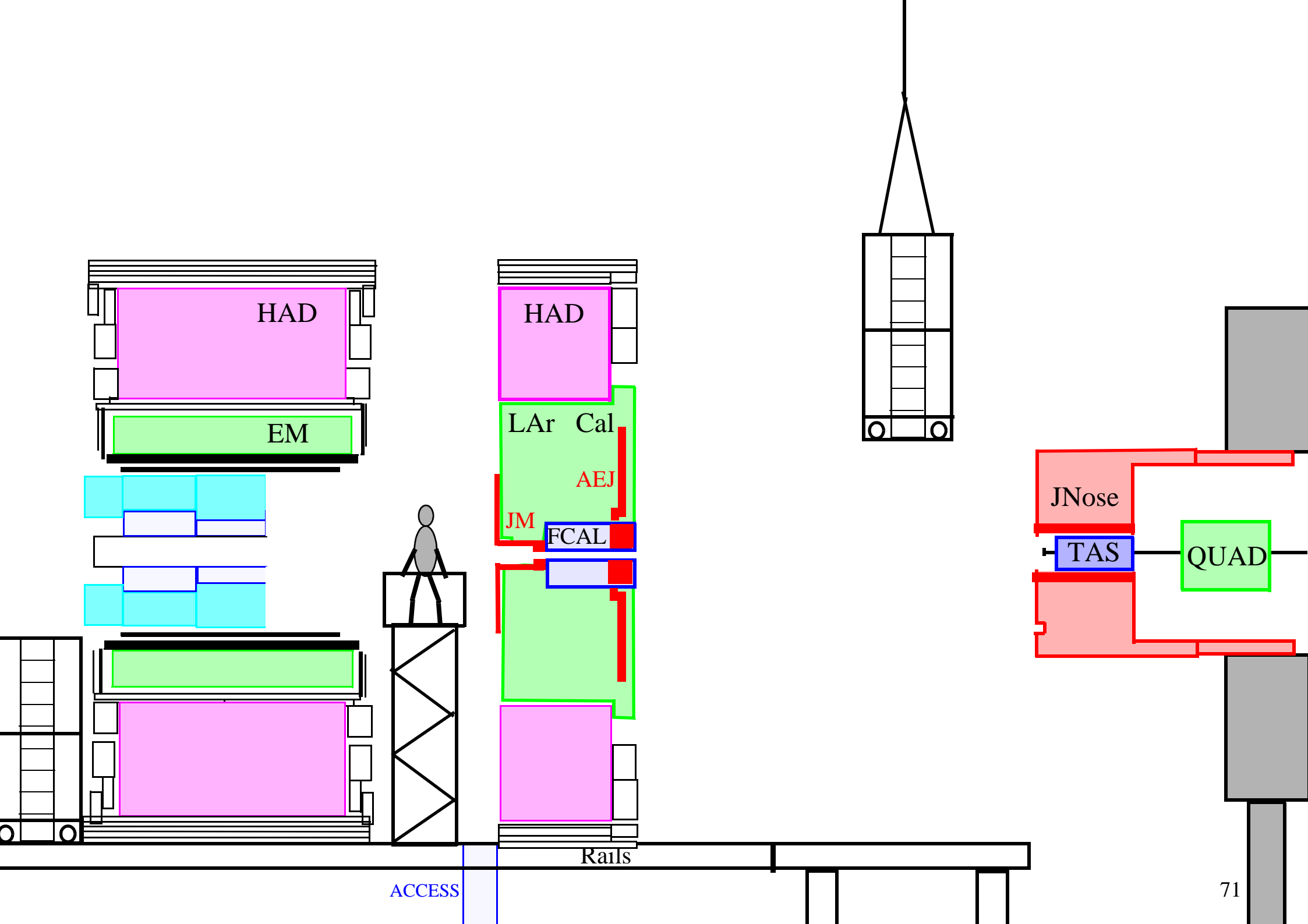


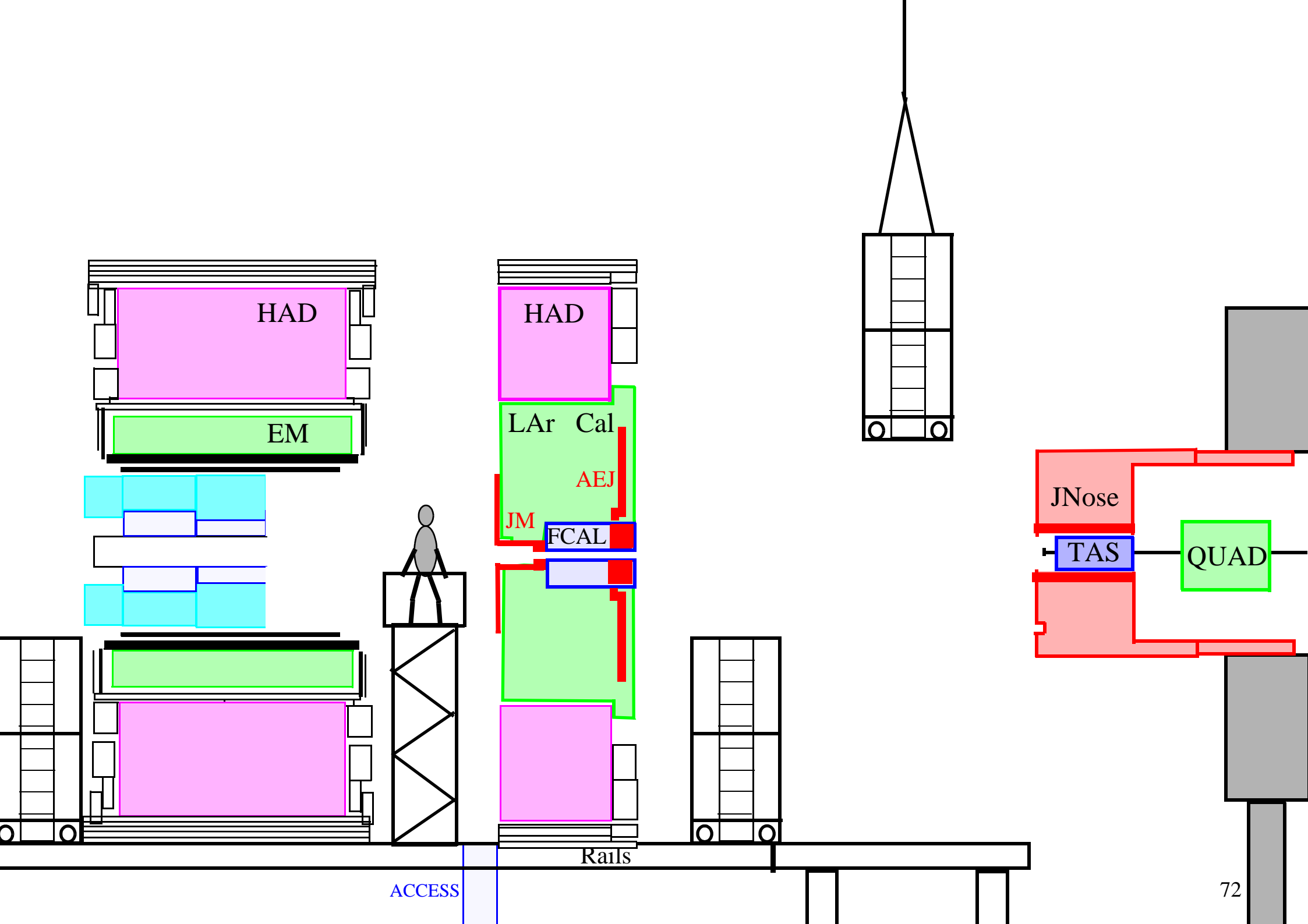












HAD

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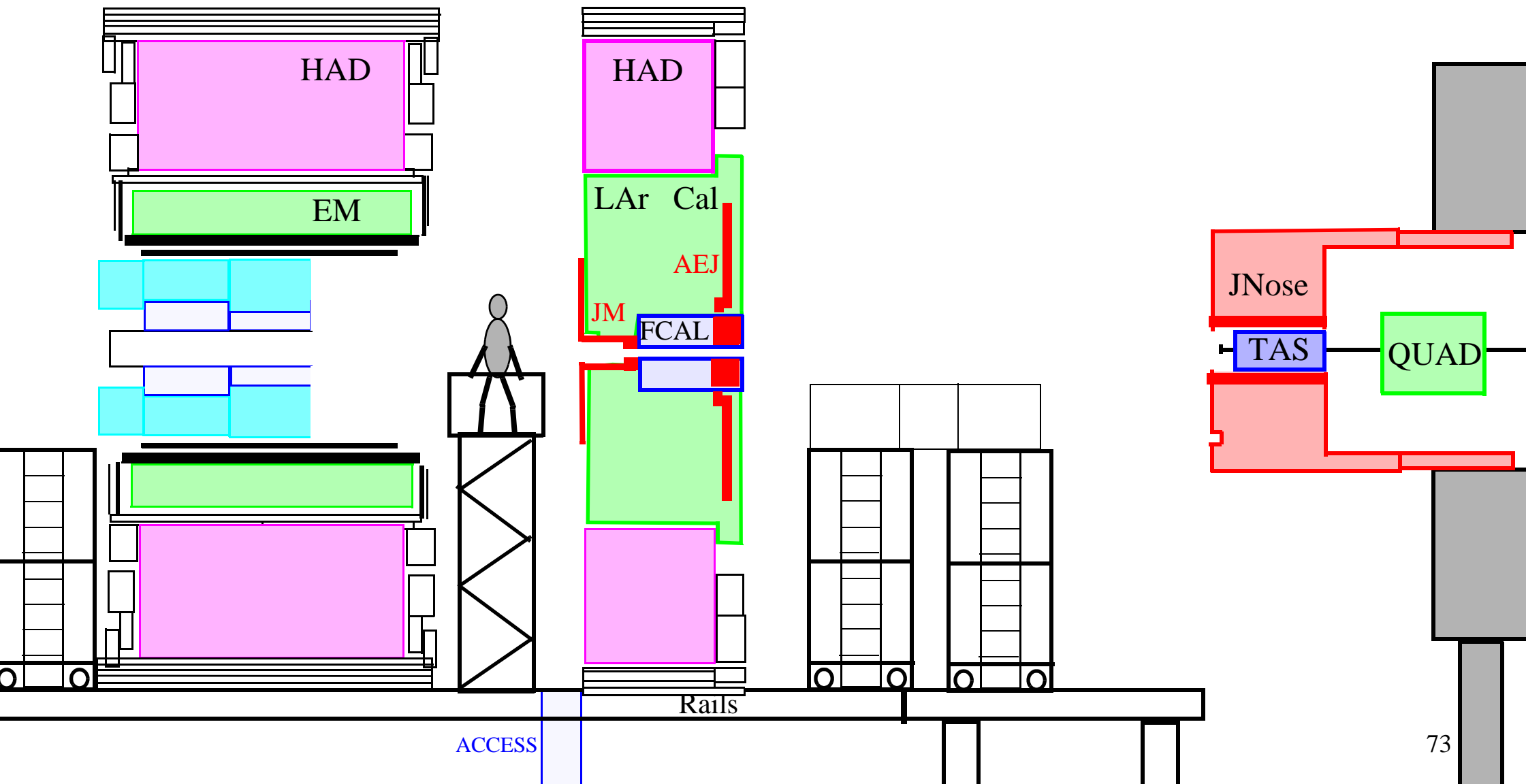
JNose

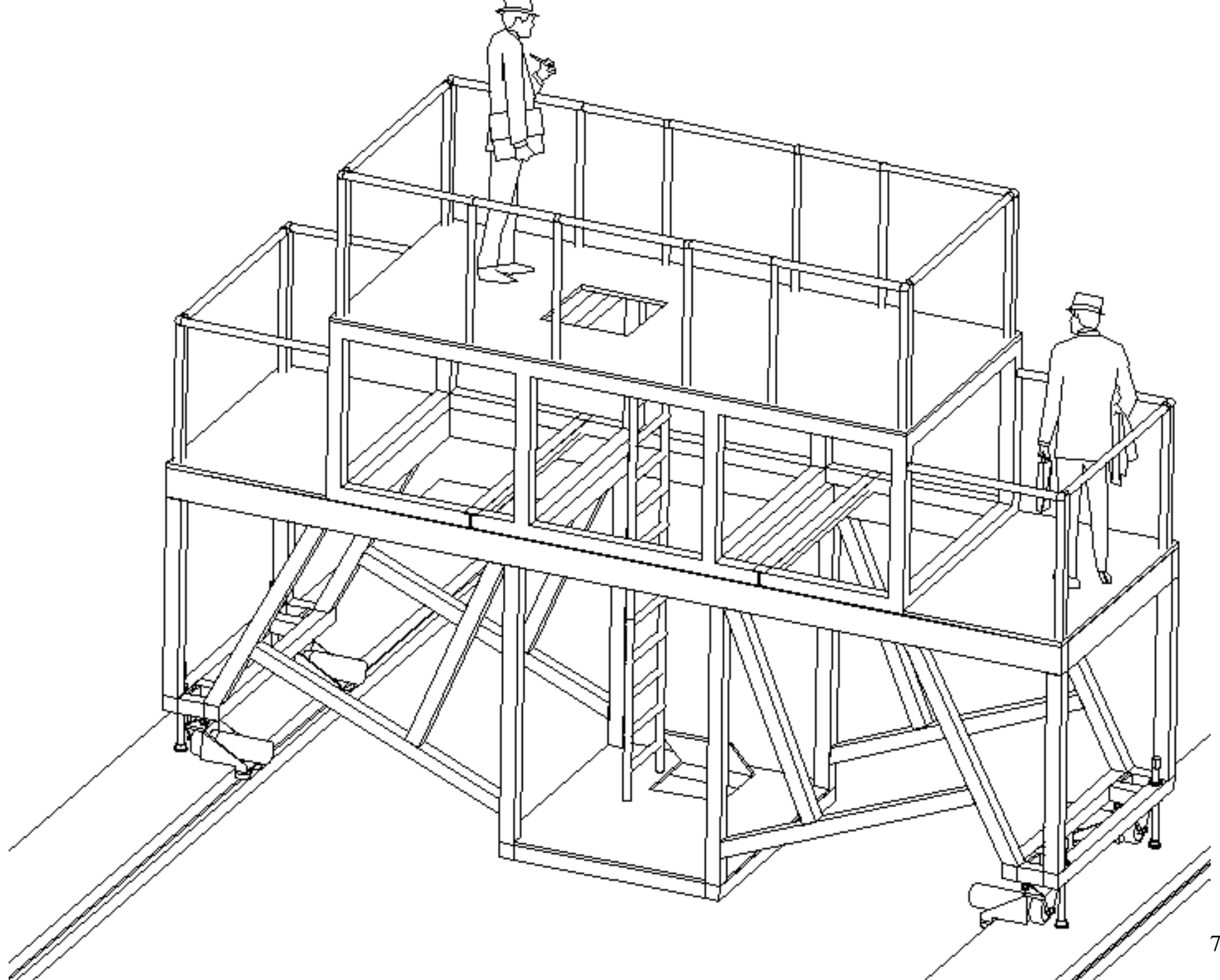
TAS

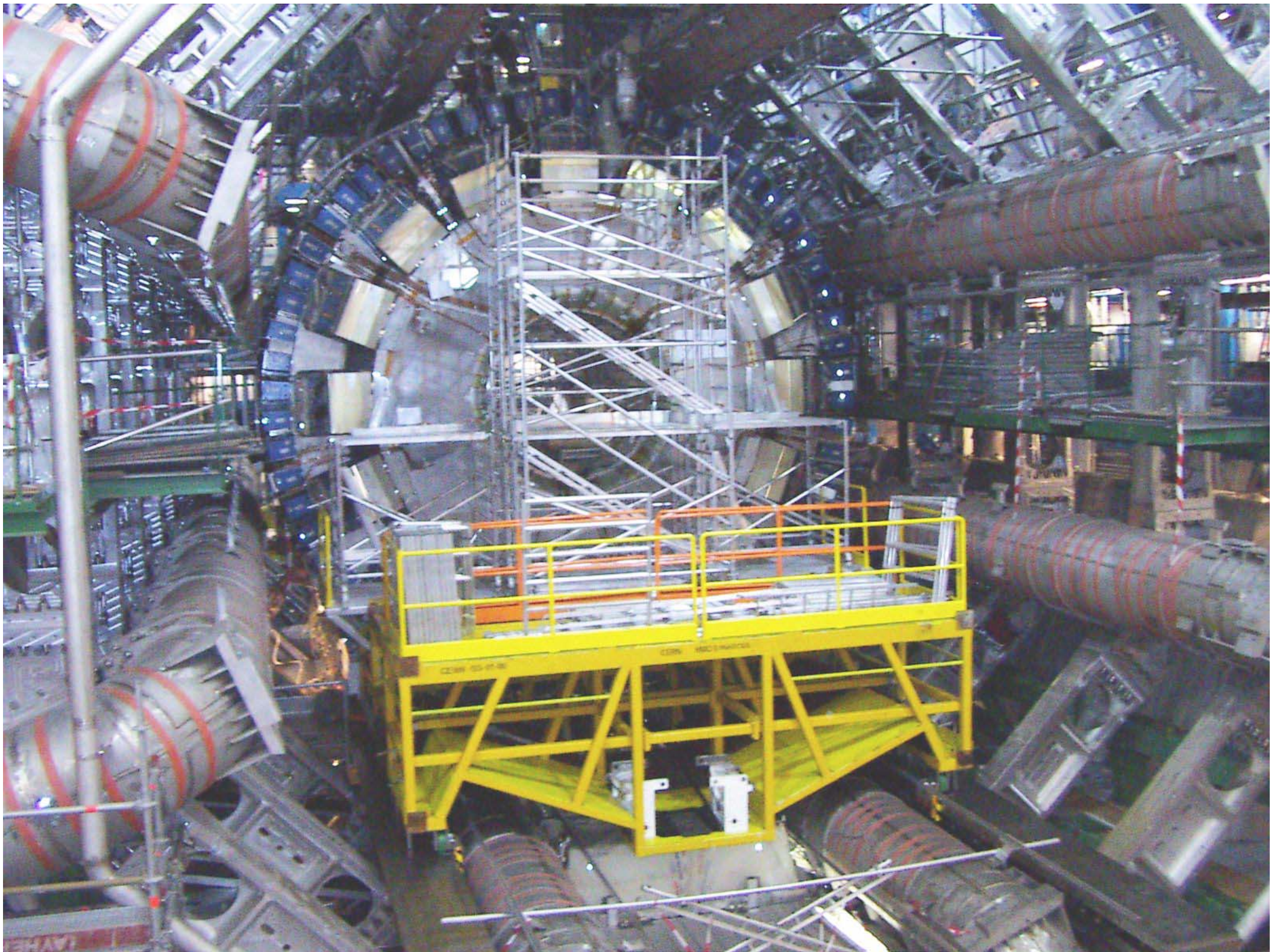
QUAD

Rails

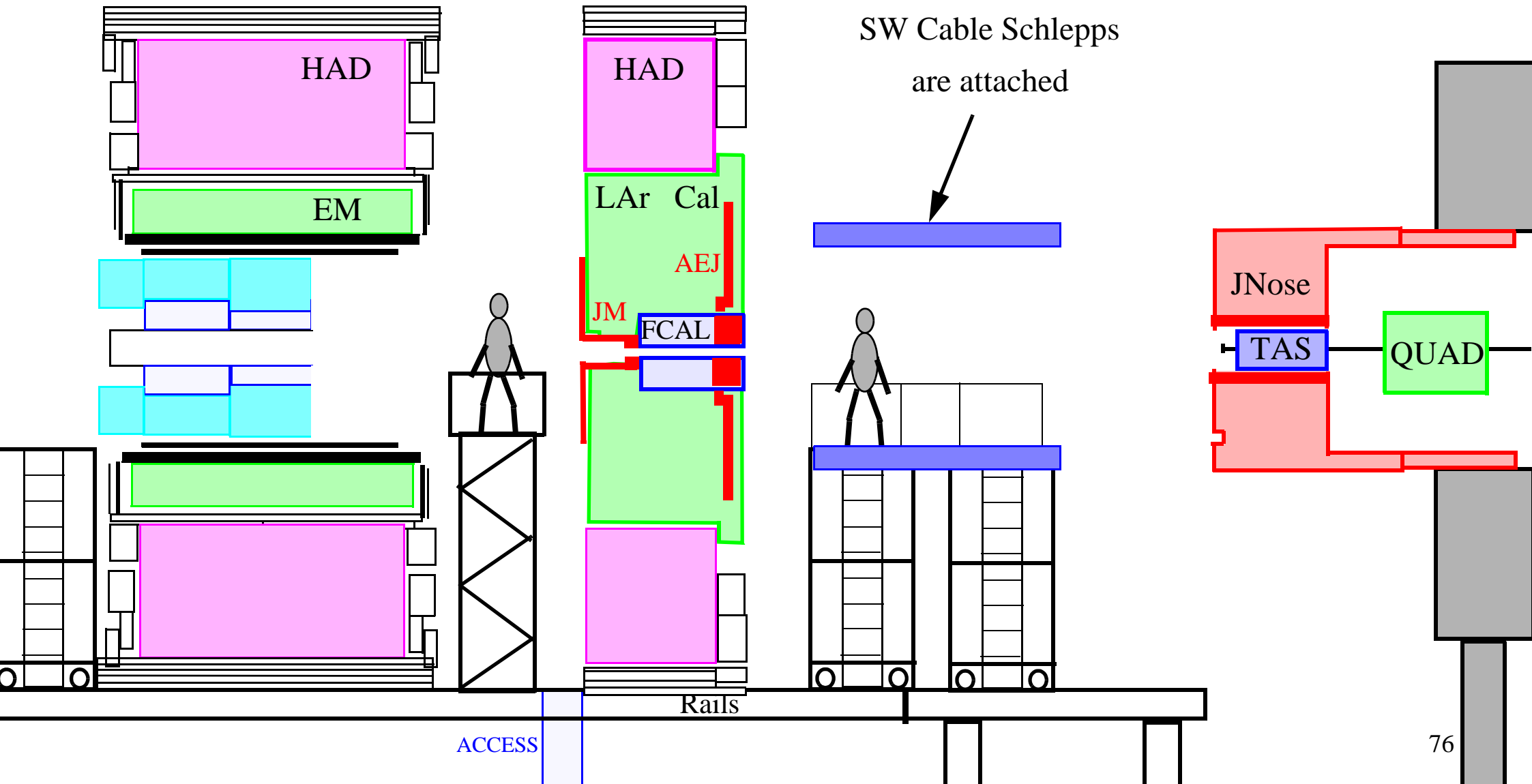
ACCESS

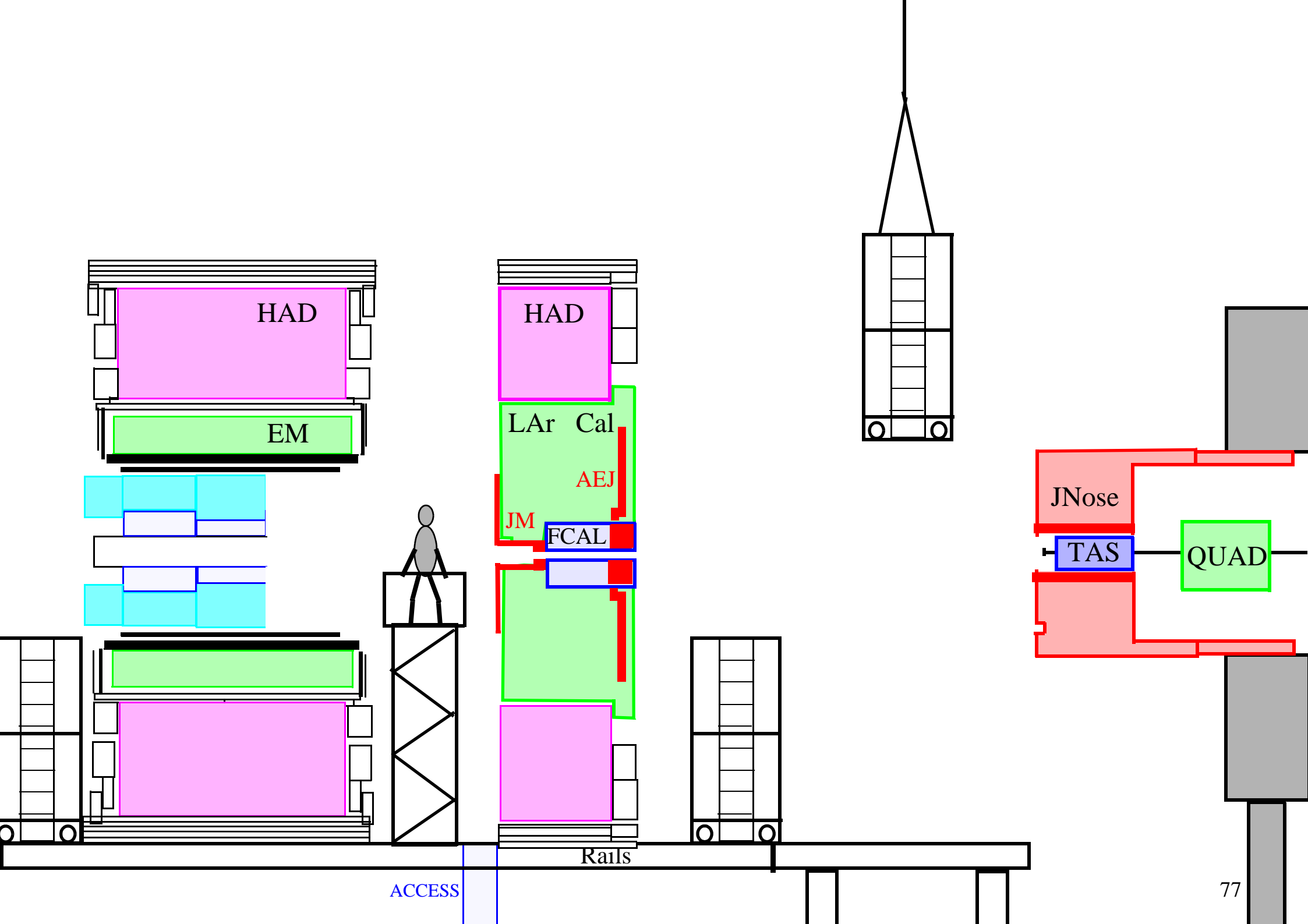






Should this happen at this stage ?
Can it be done from the HS structure ?





HAD

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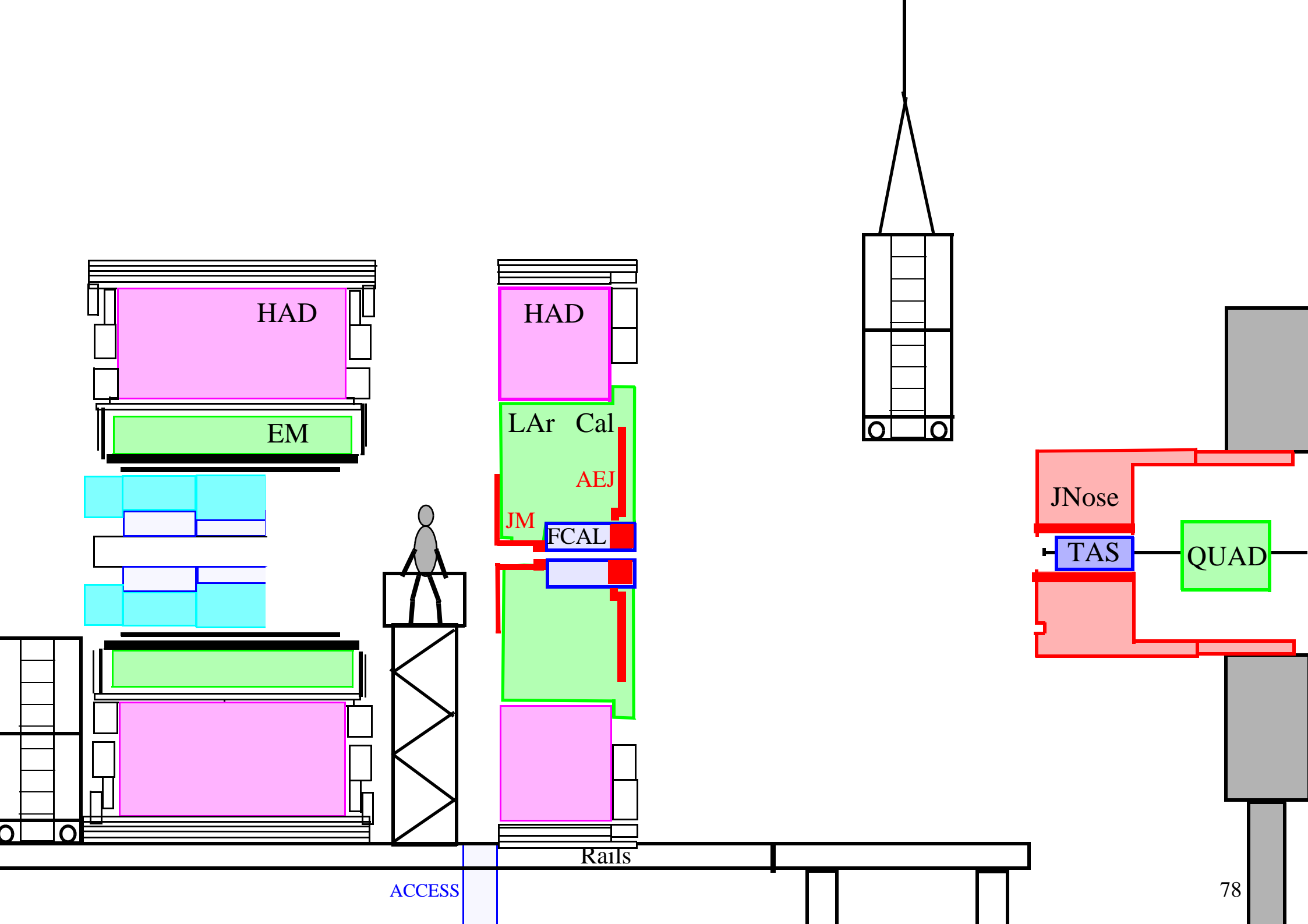
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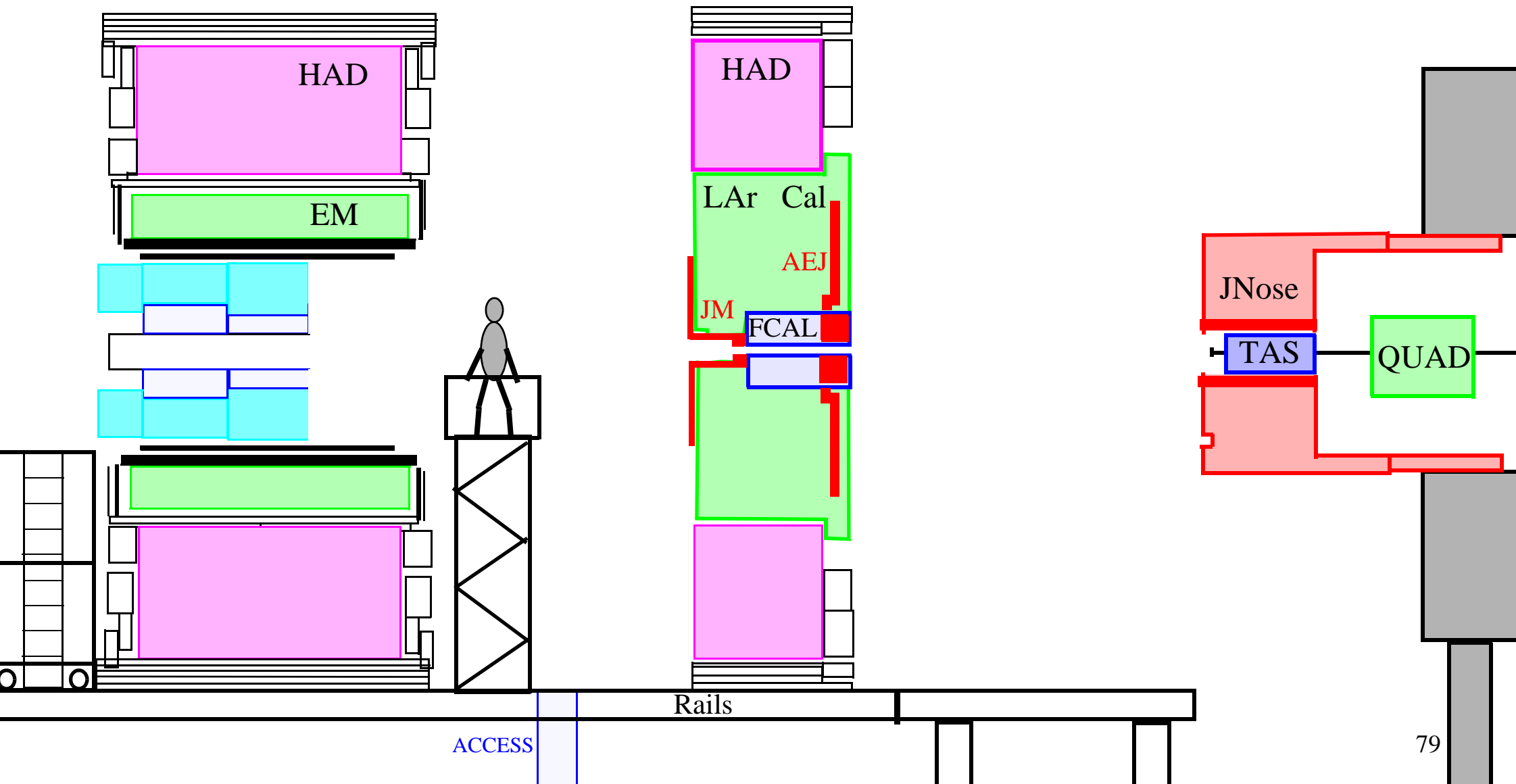
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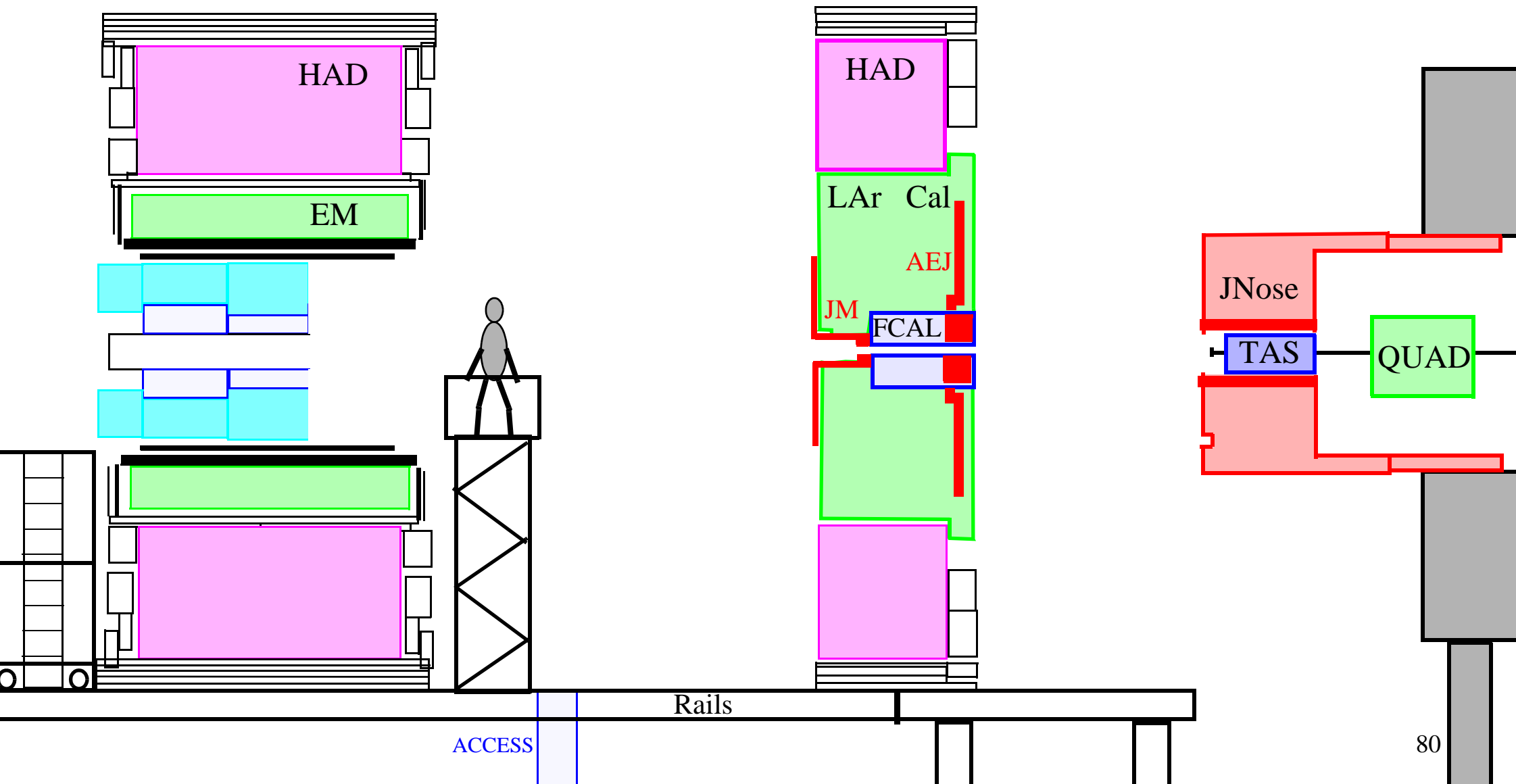
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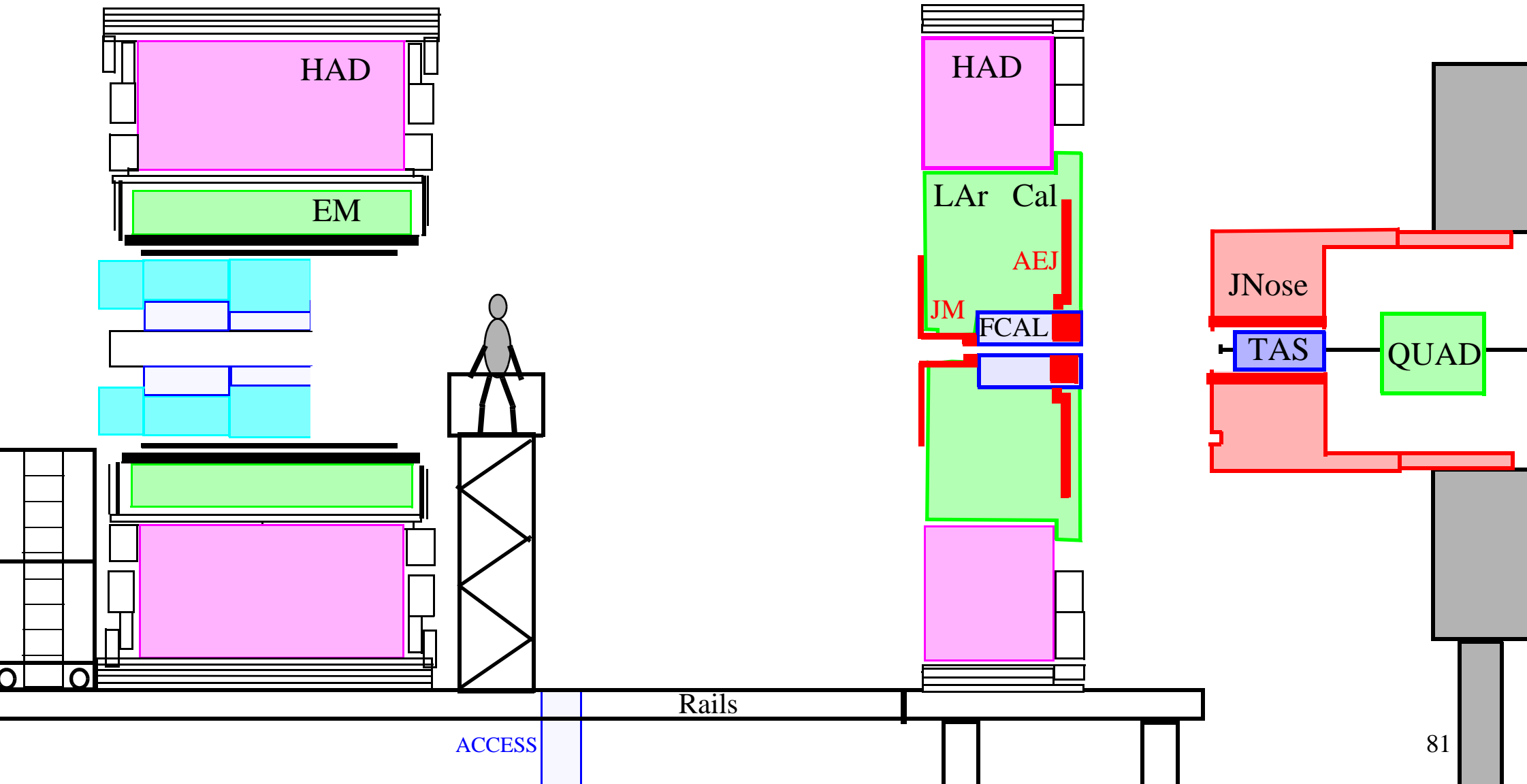
Rails

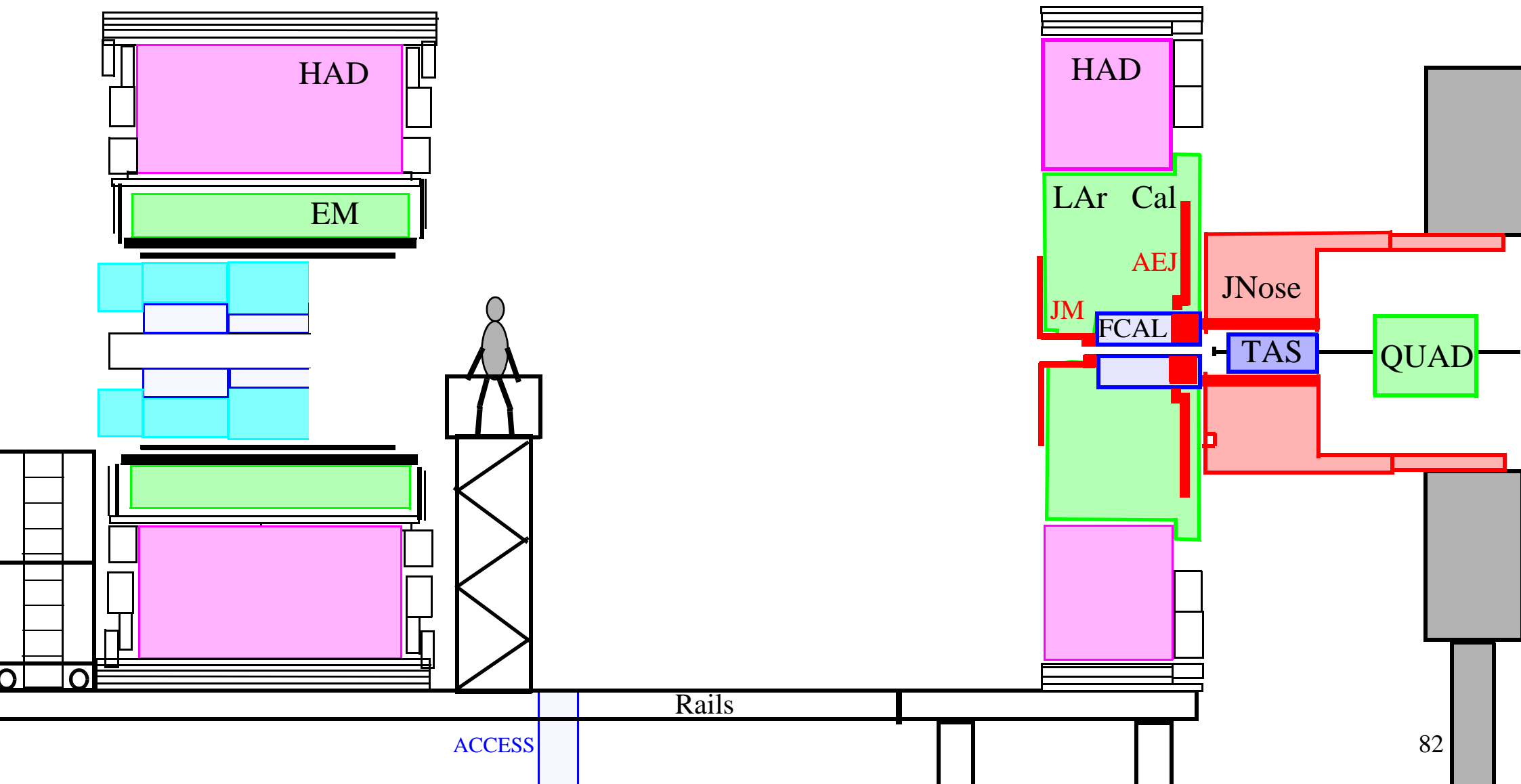
ACCESS

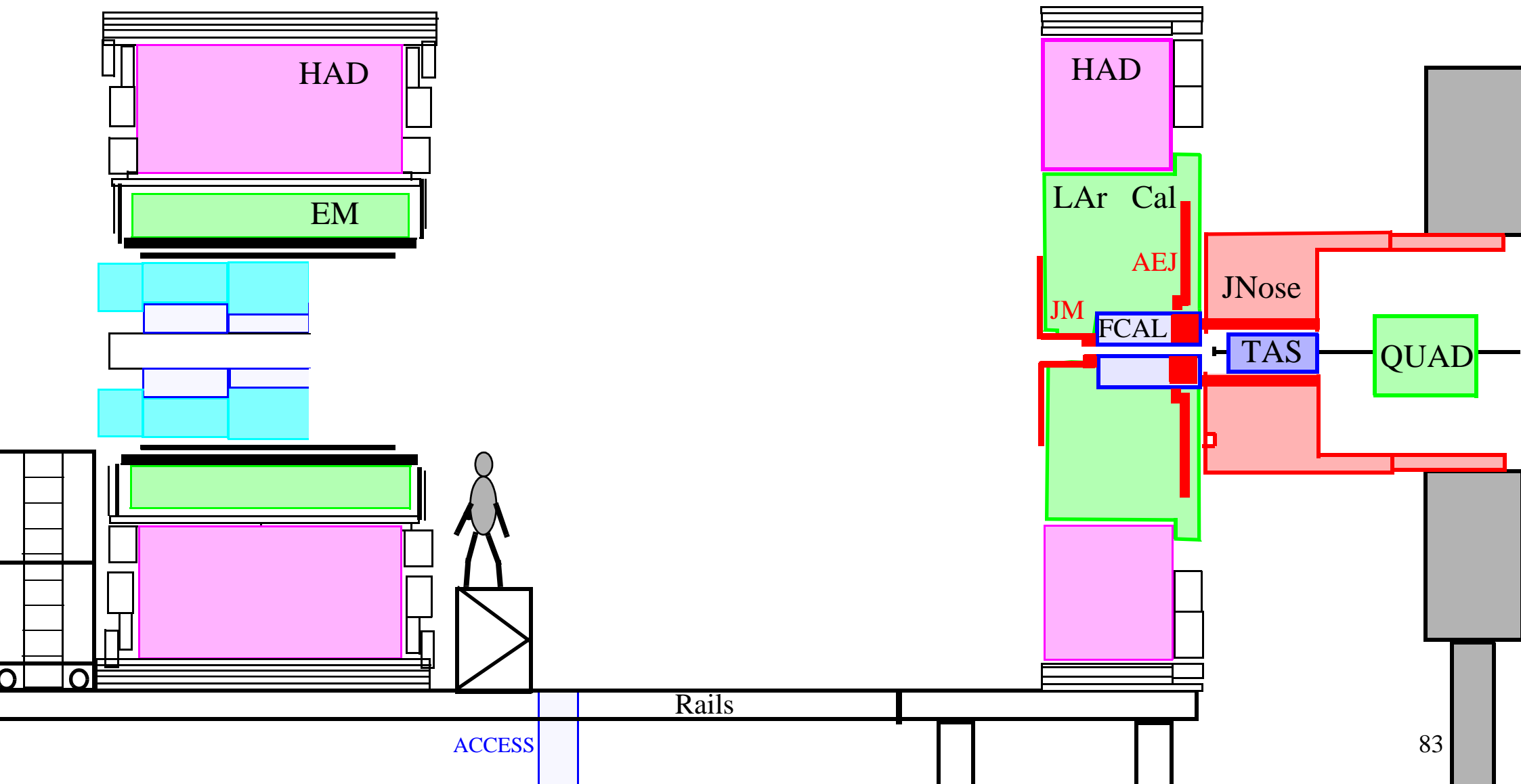


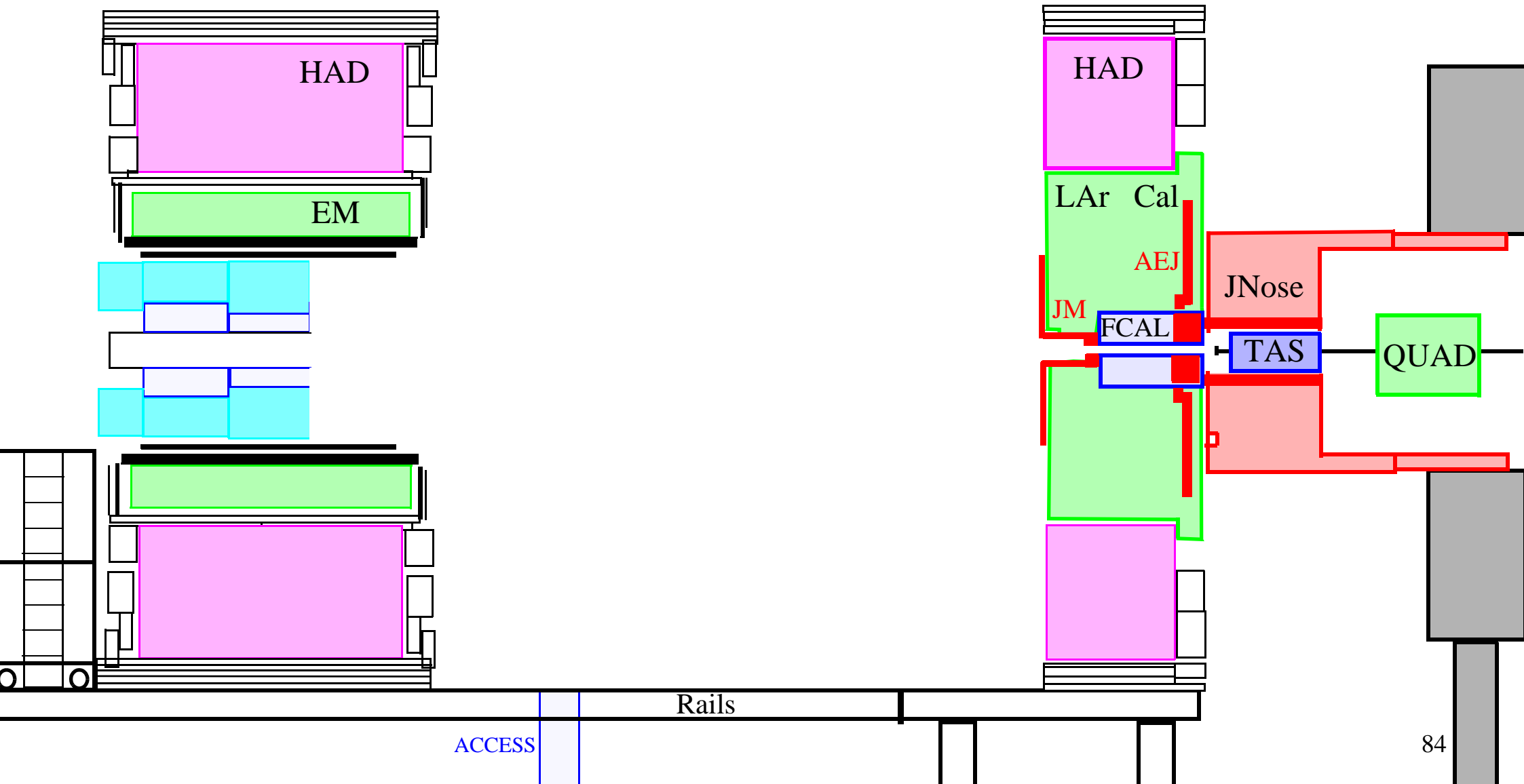


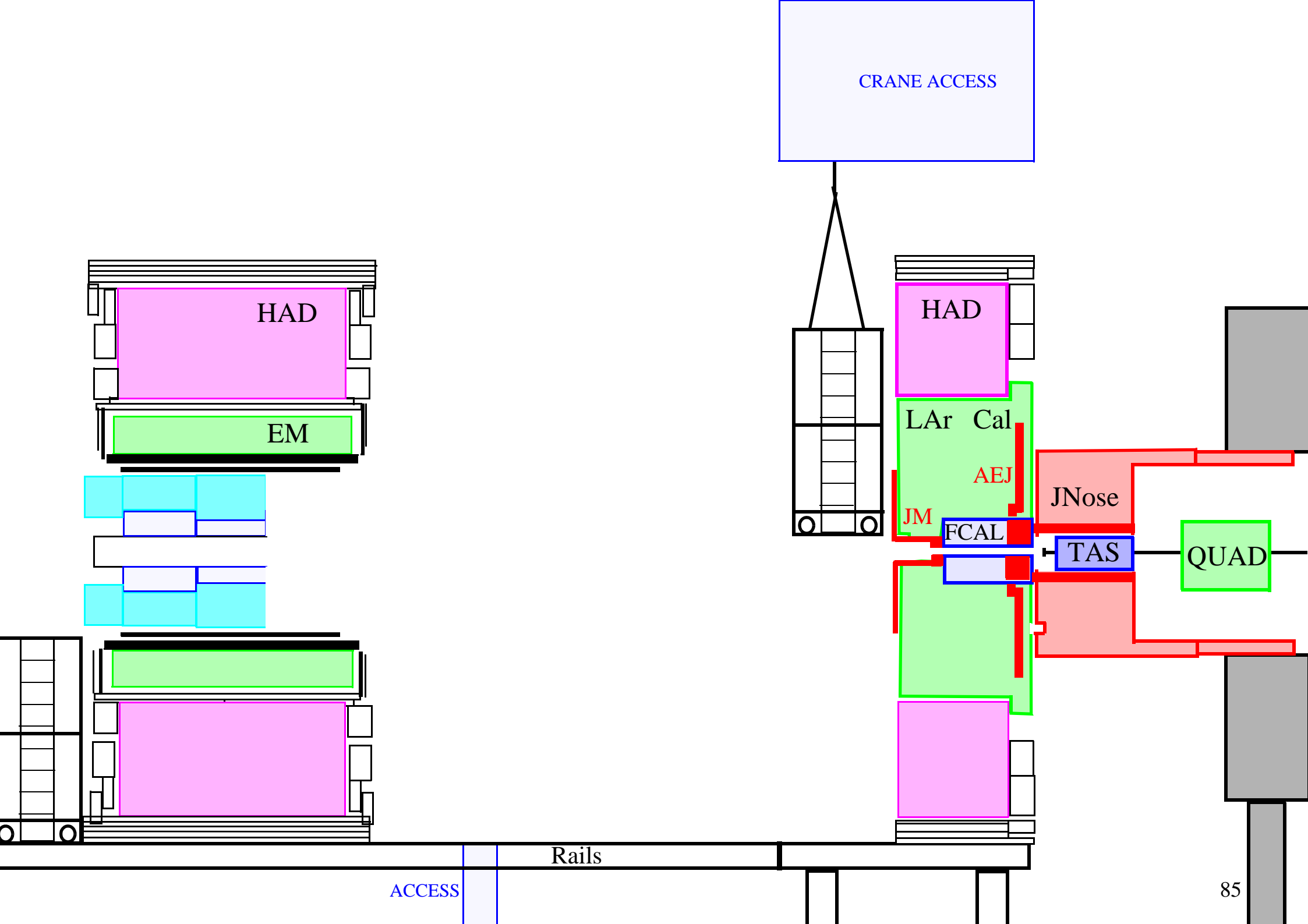


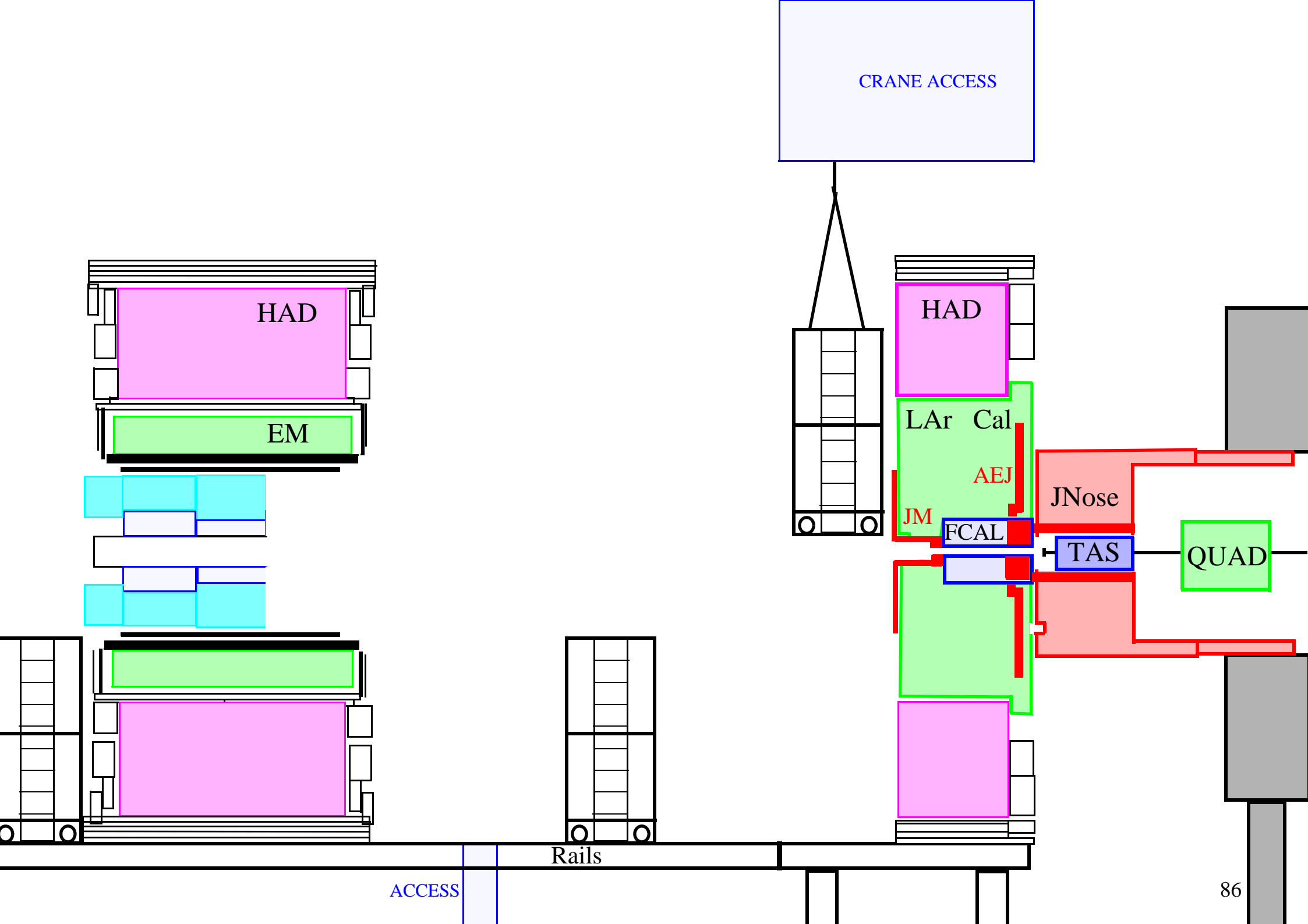


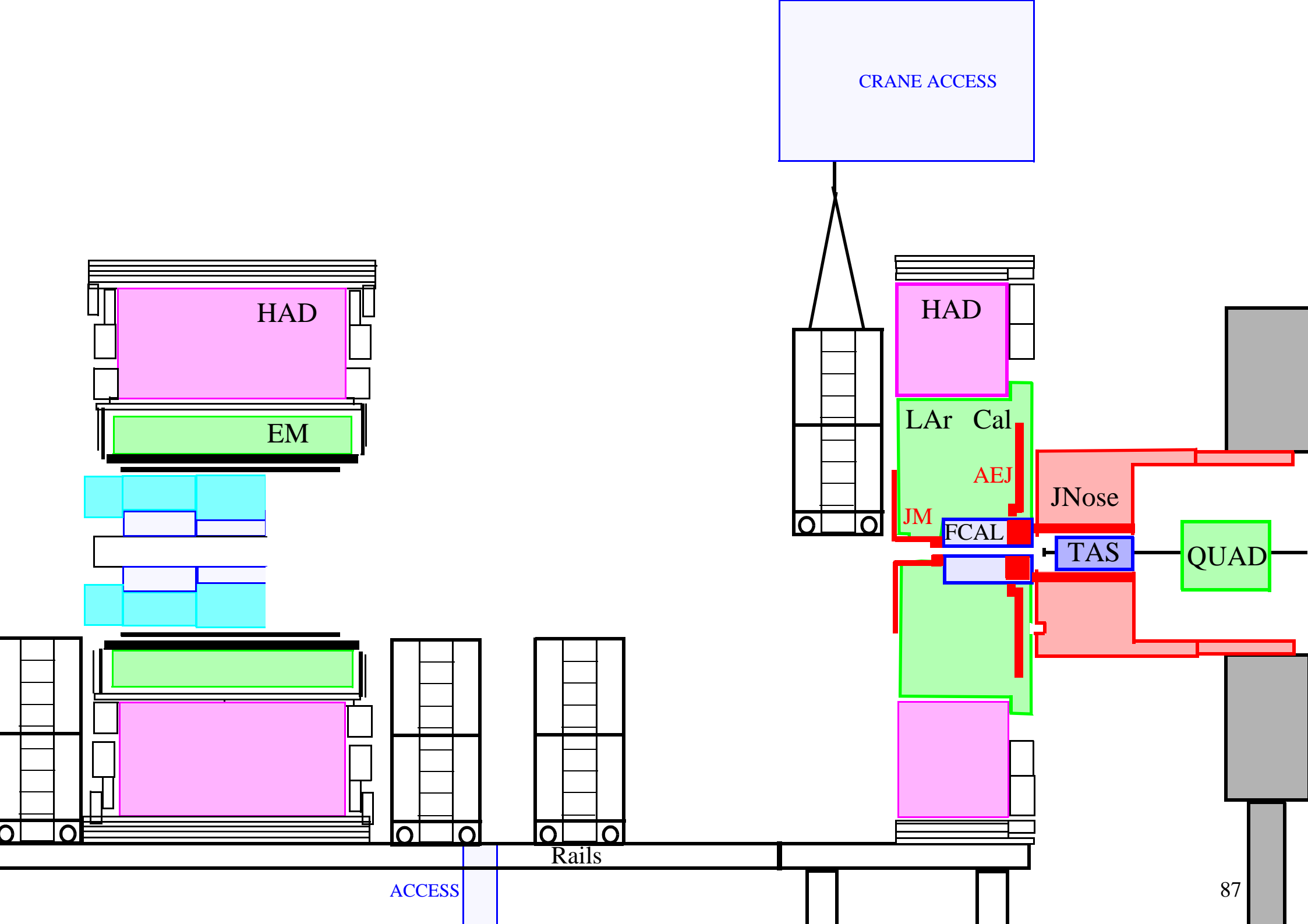












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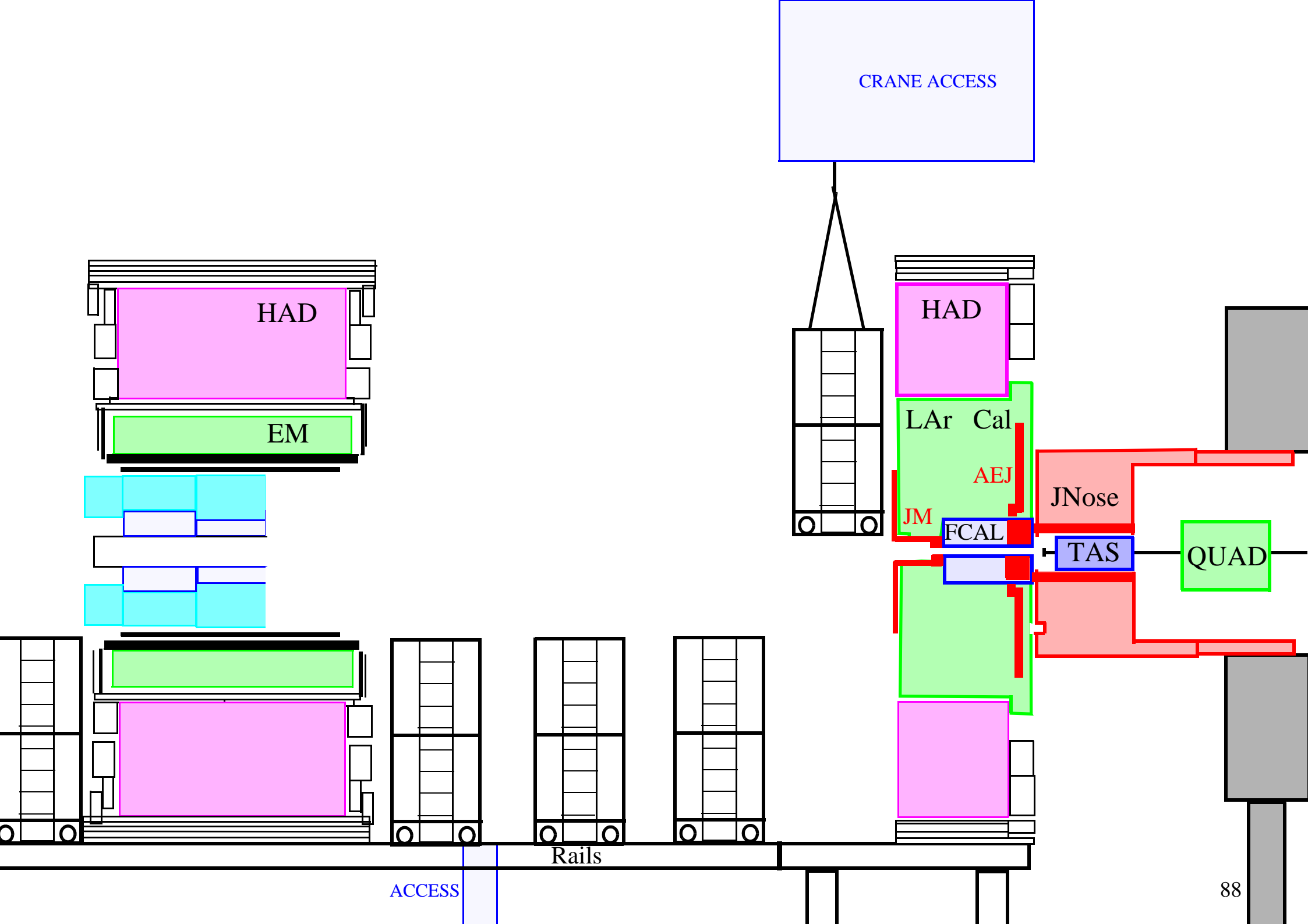
JNose

TAS

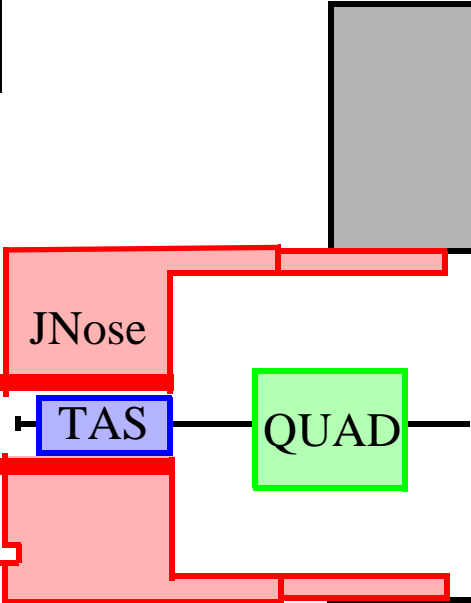
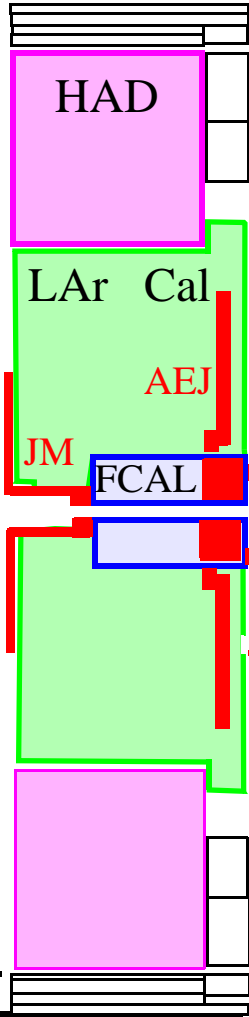
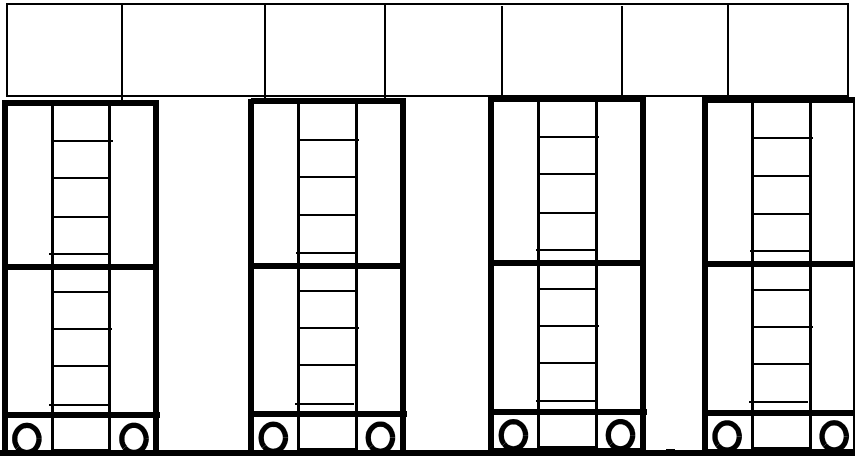
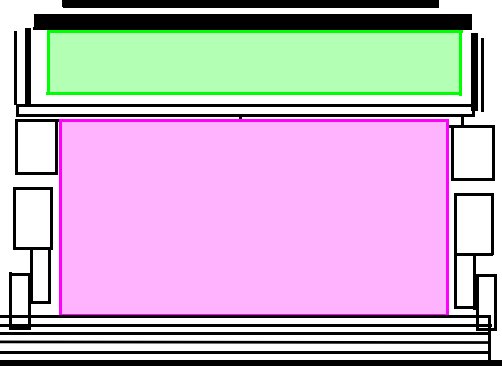
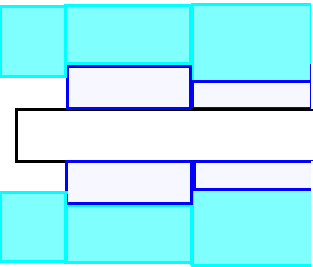
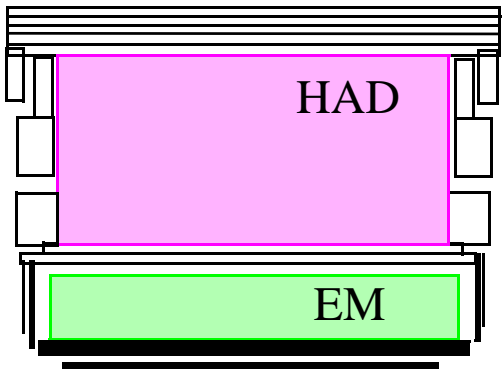
QUAD

Rails

ACCESS

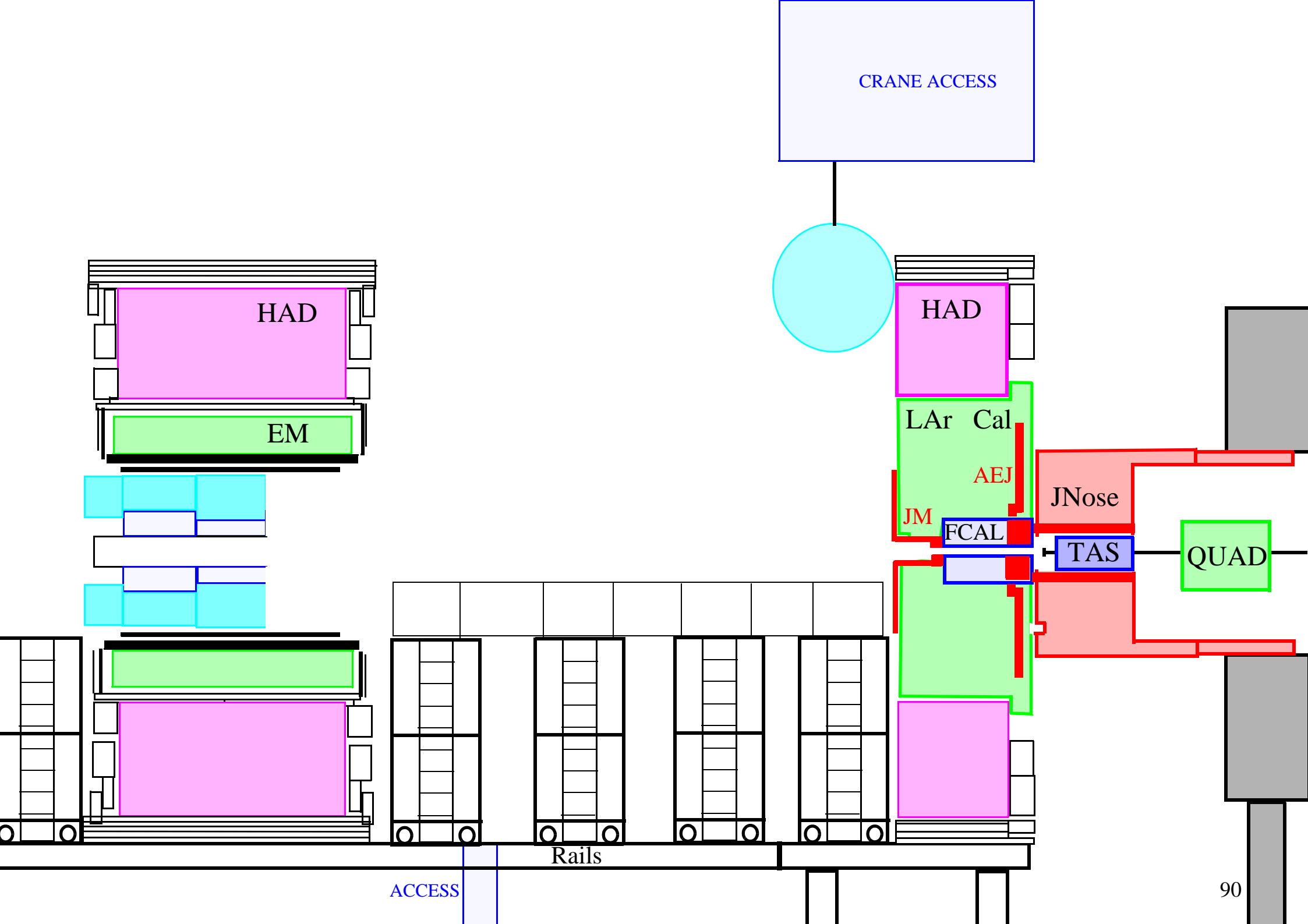


CRANE ACCESS



ACCESS

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CRANE ACCESS

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HAD

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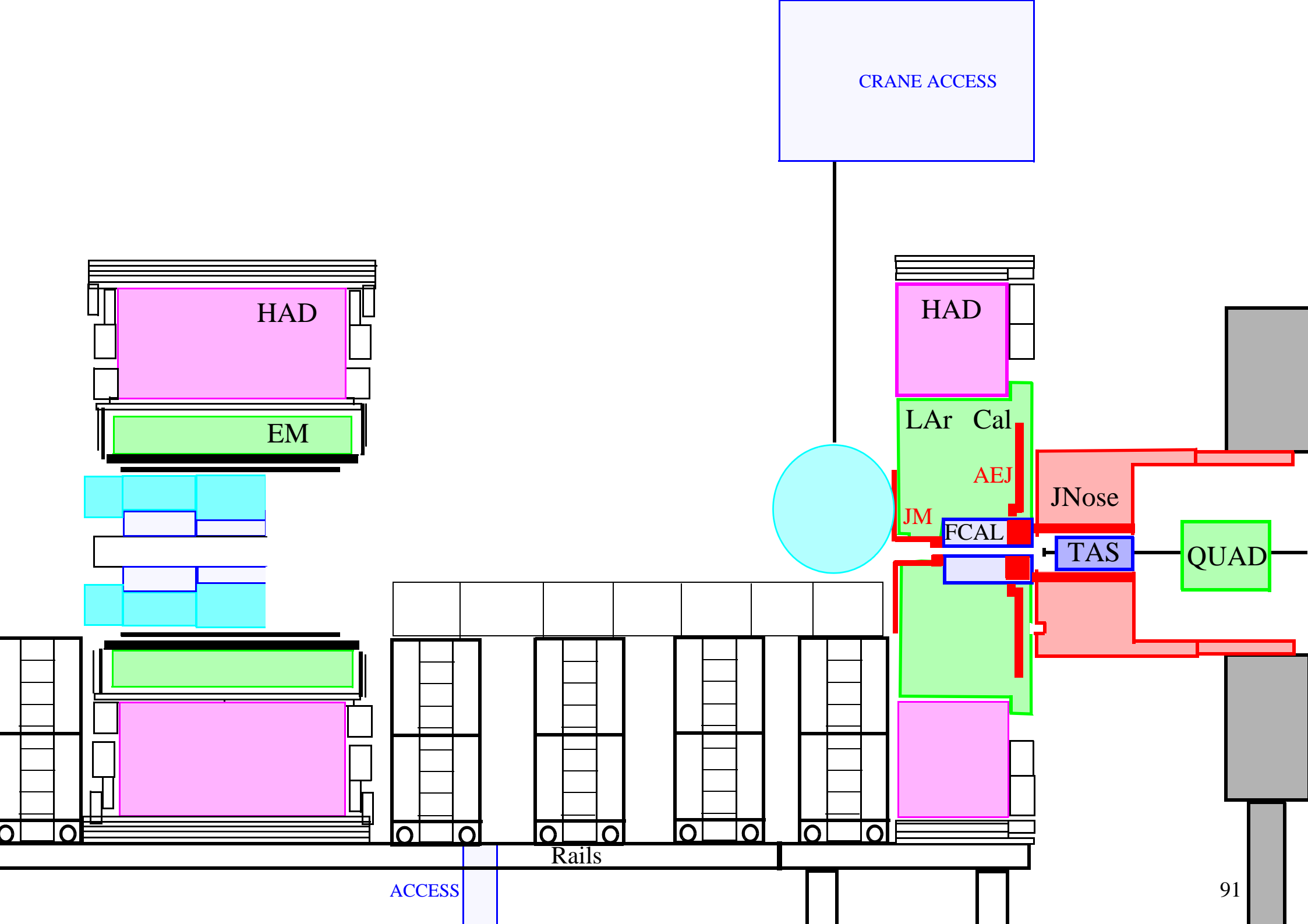
JNose

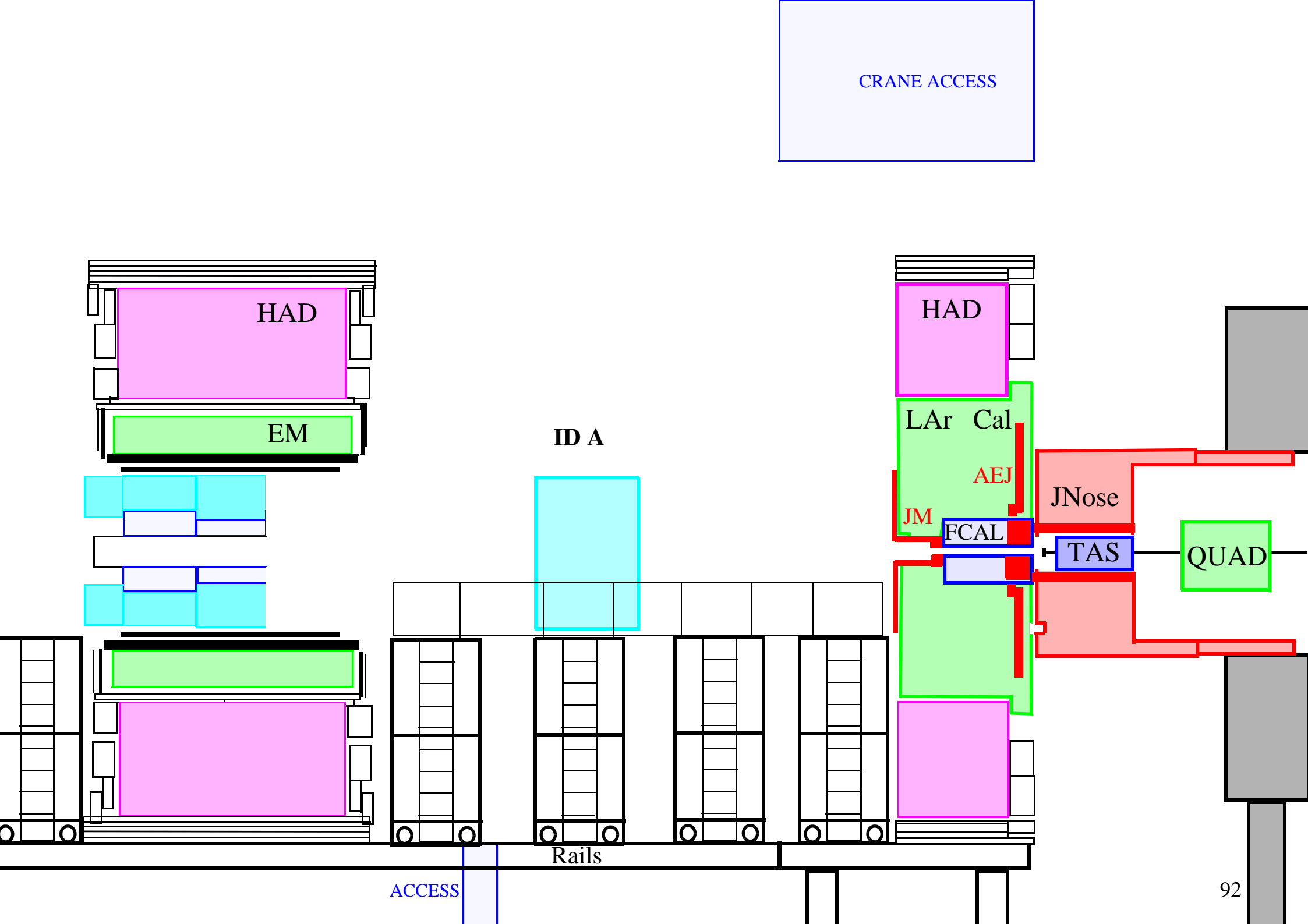
TAS

QUAD

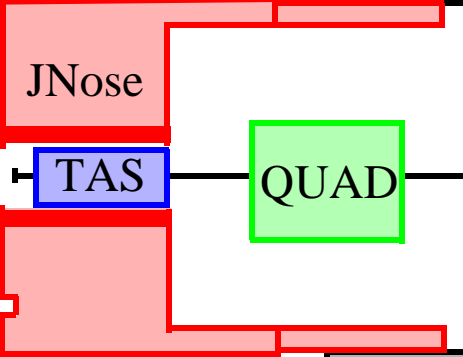
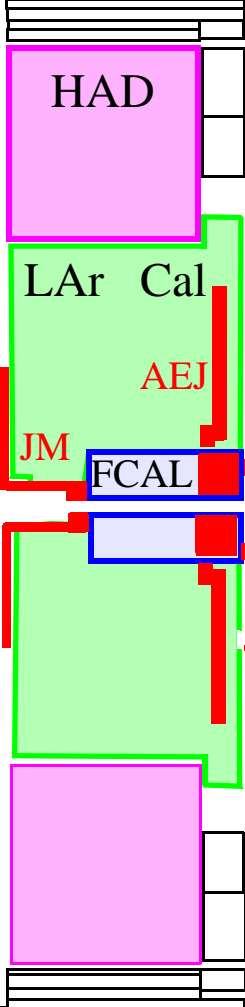
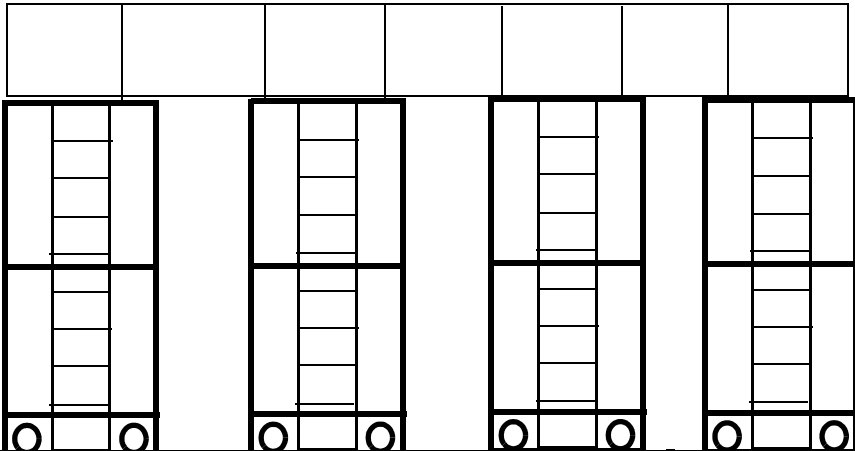
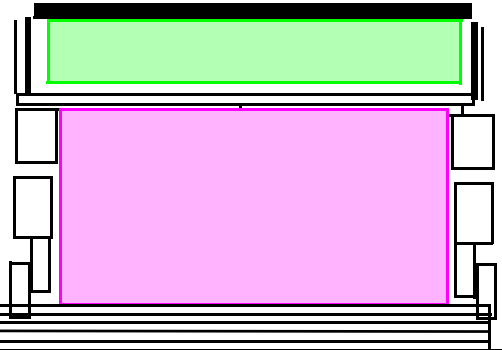
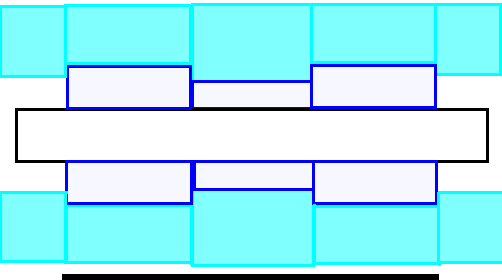
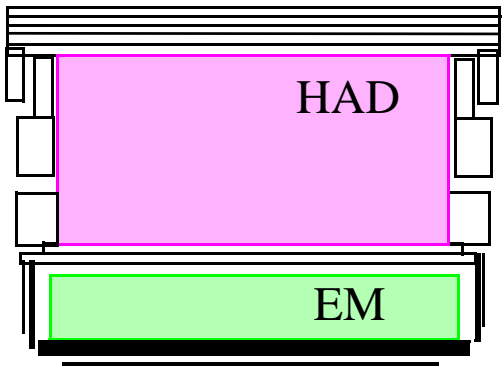
Rails

ACCESS



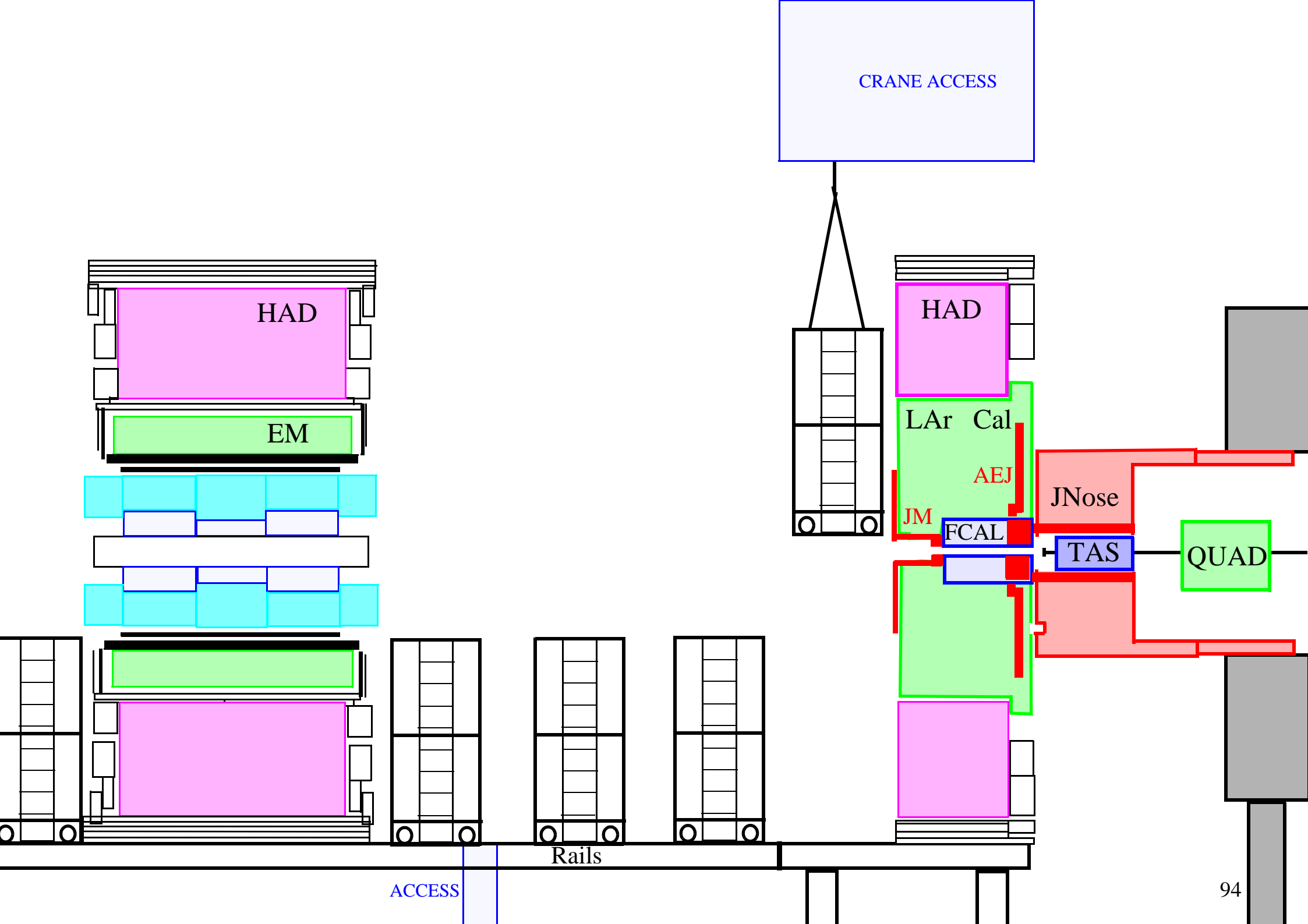


CRANE ACCESS



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CRANE ACCESS

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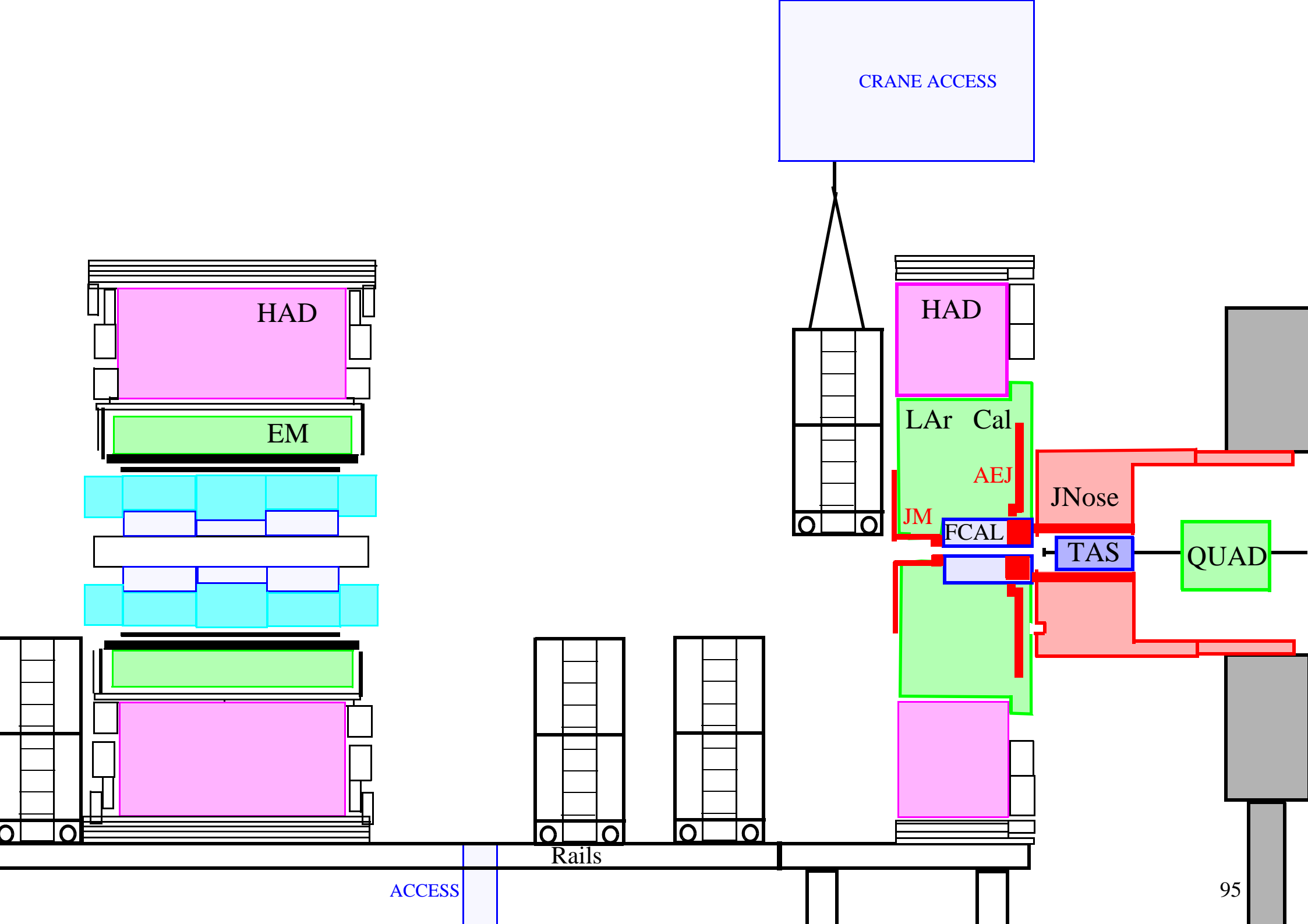
JM

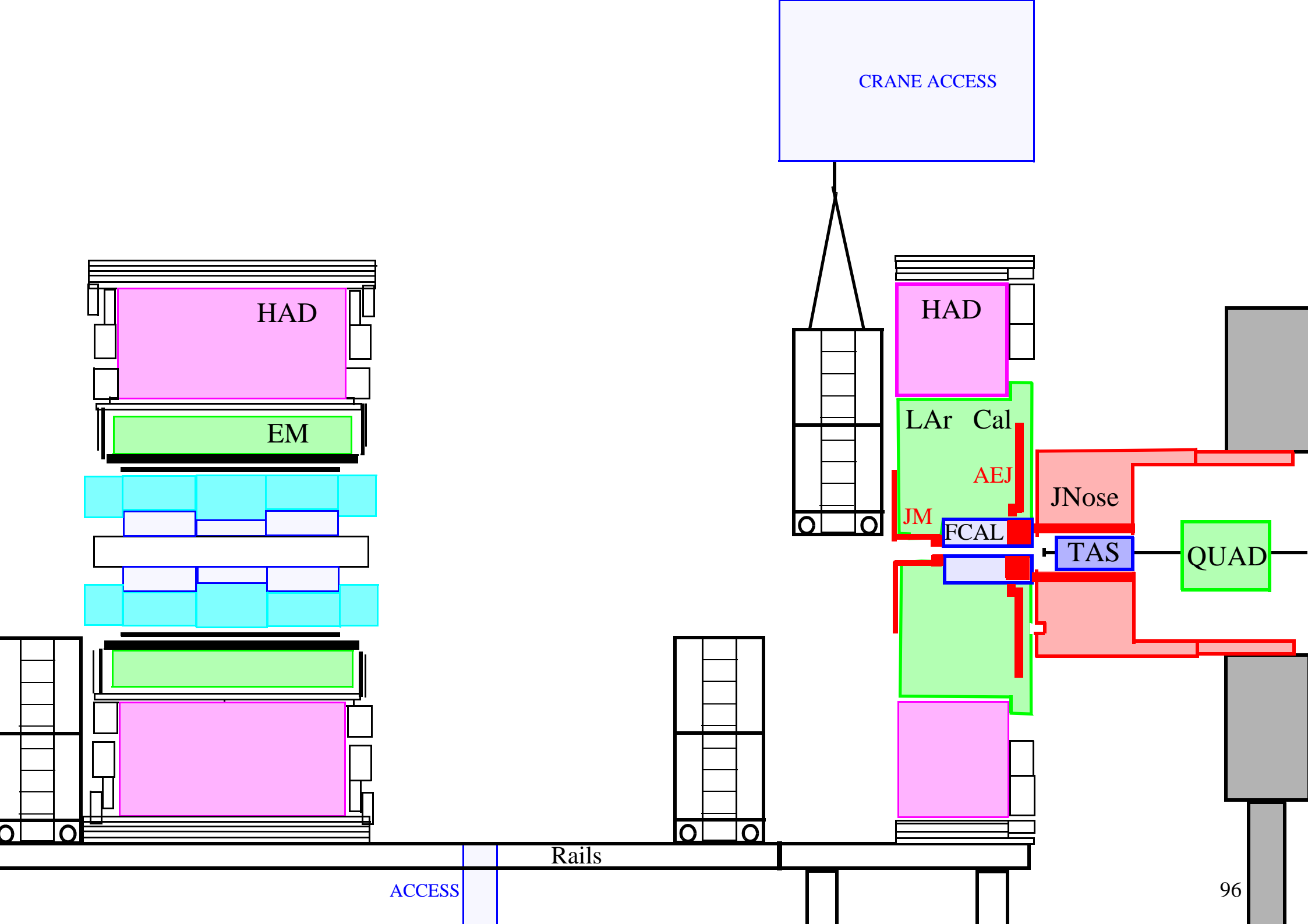
FCAL

JNose

TAS

QUAD





CRANE ACCESS

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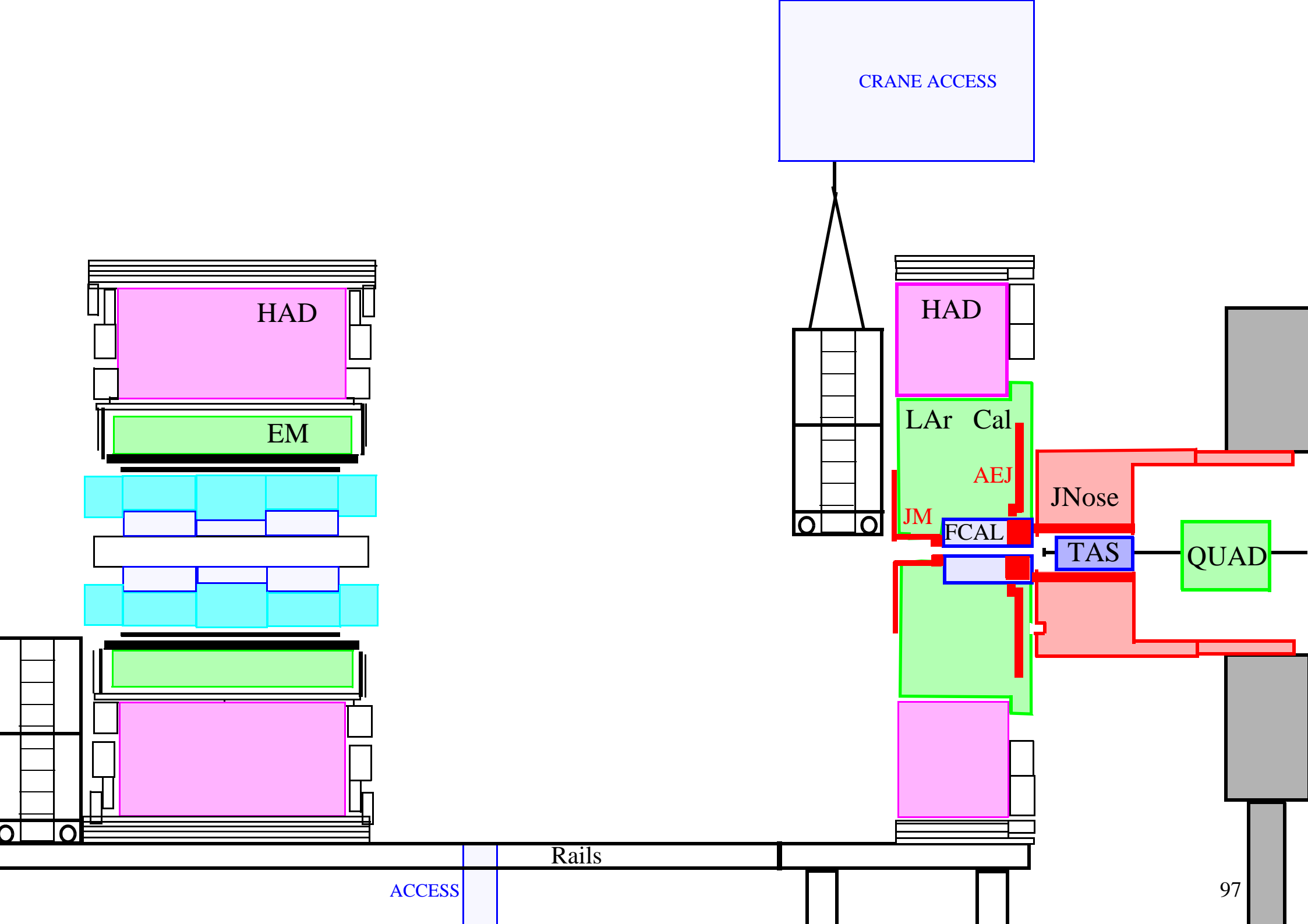
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TAS

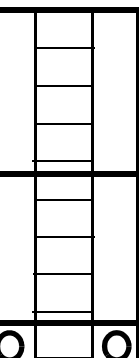
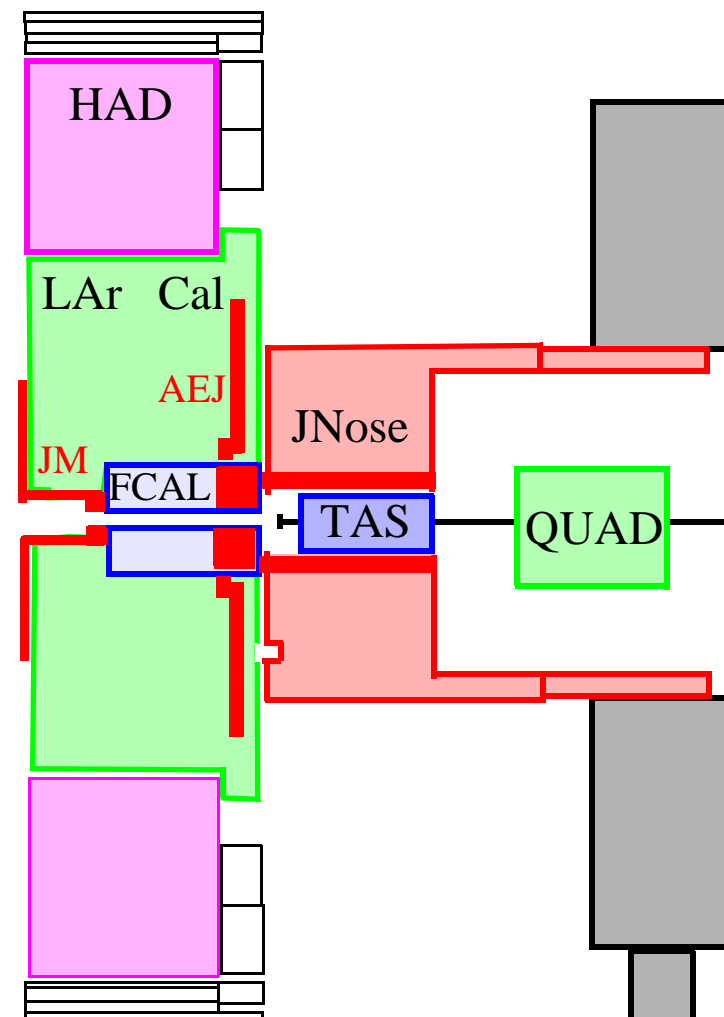
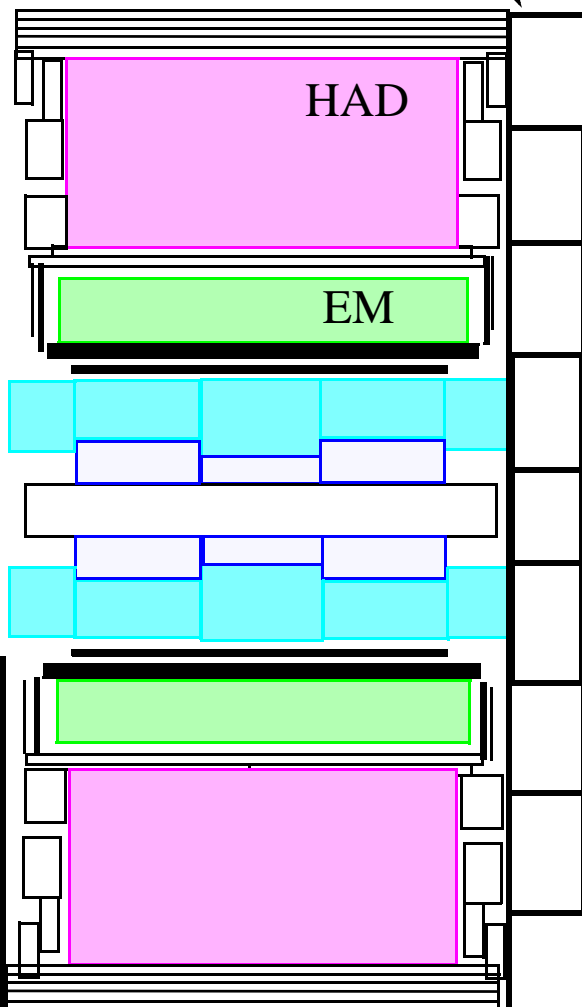
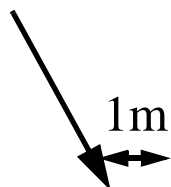
QUAD

Rails

ACCESS

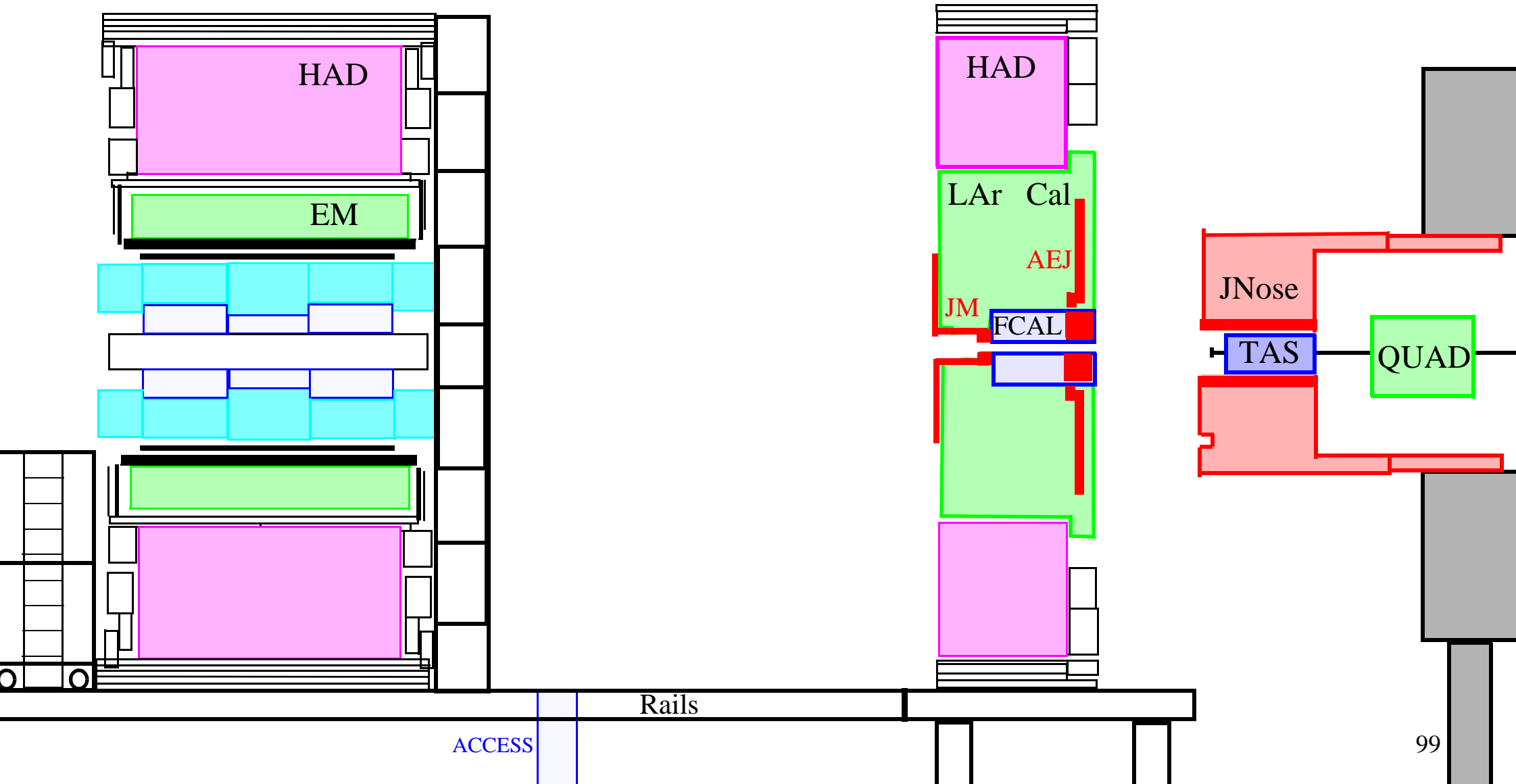


Scaffolding that is max 1.1 m
with access through muon detector.

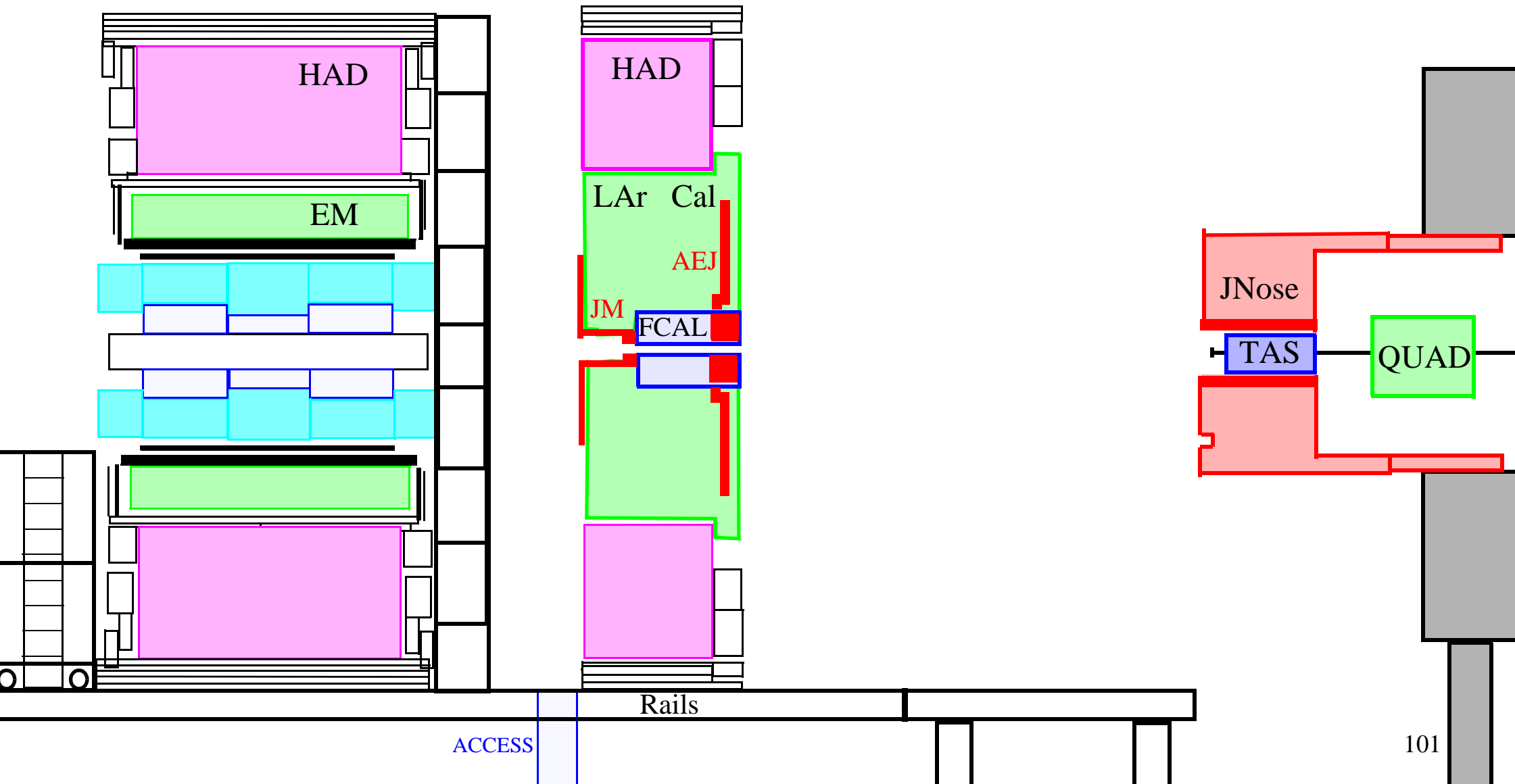


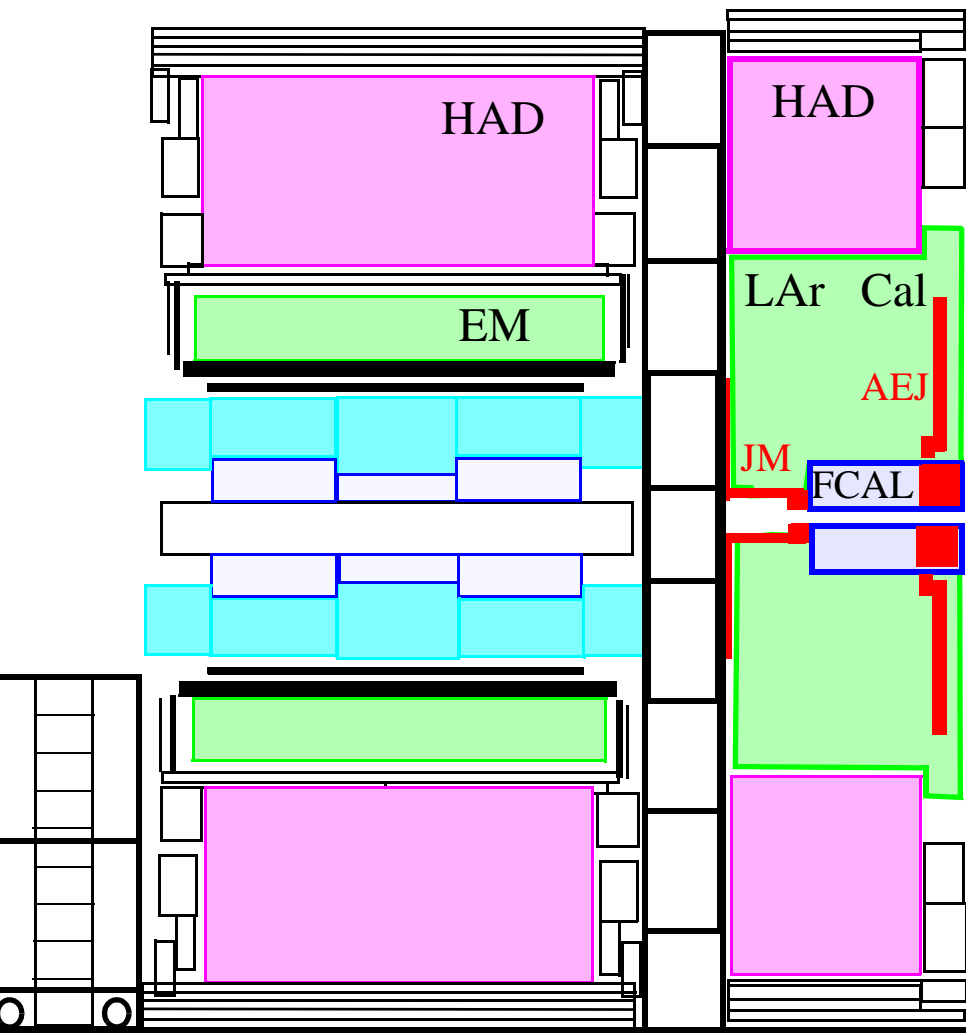
ACCESS

Rails



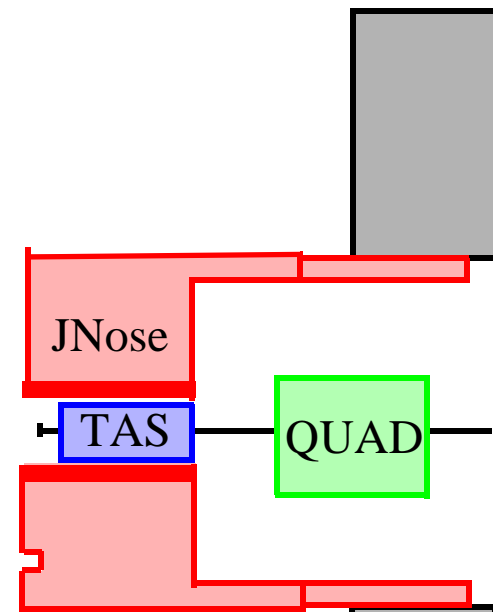


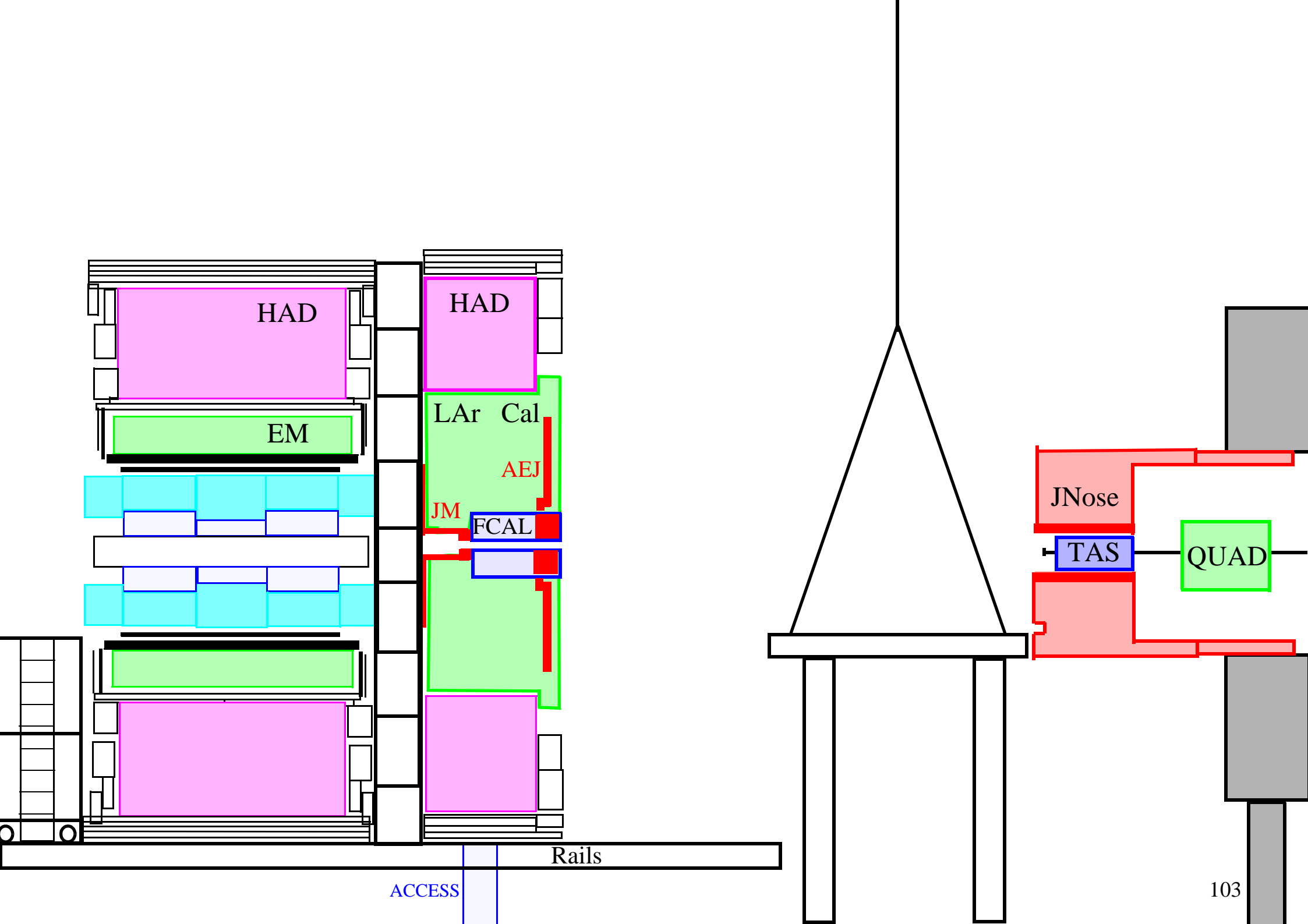




ACCESS

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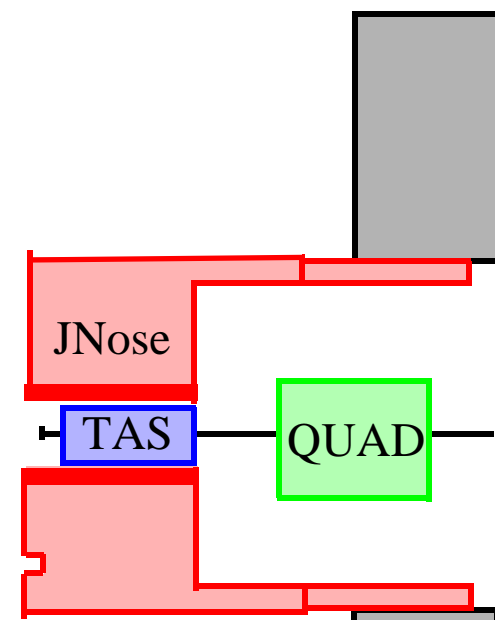
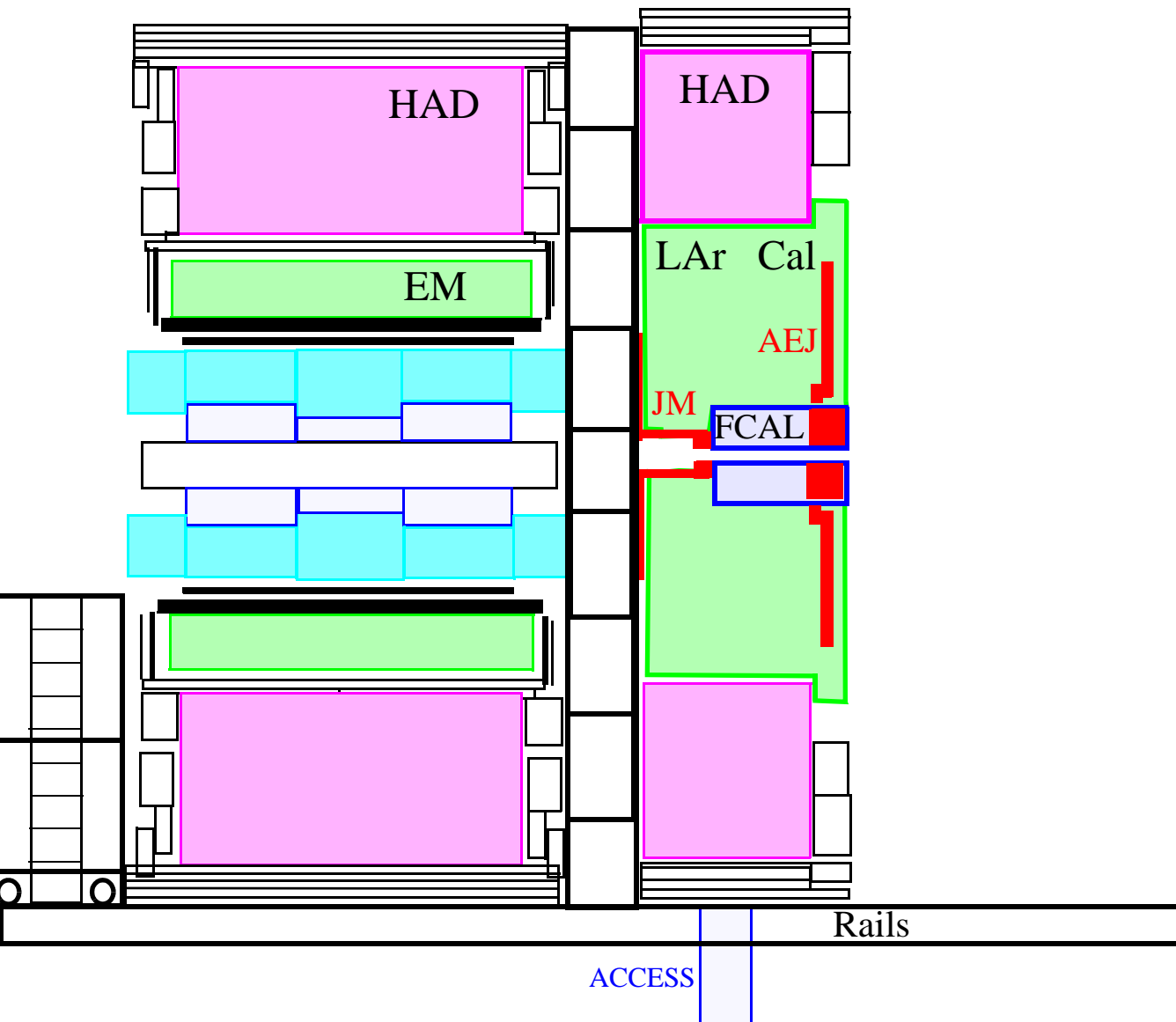
JNose

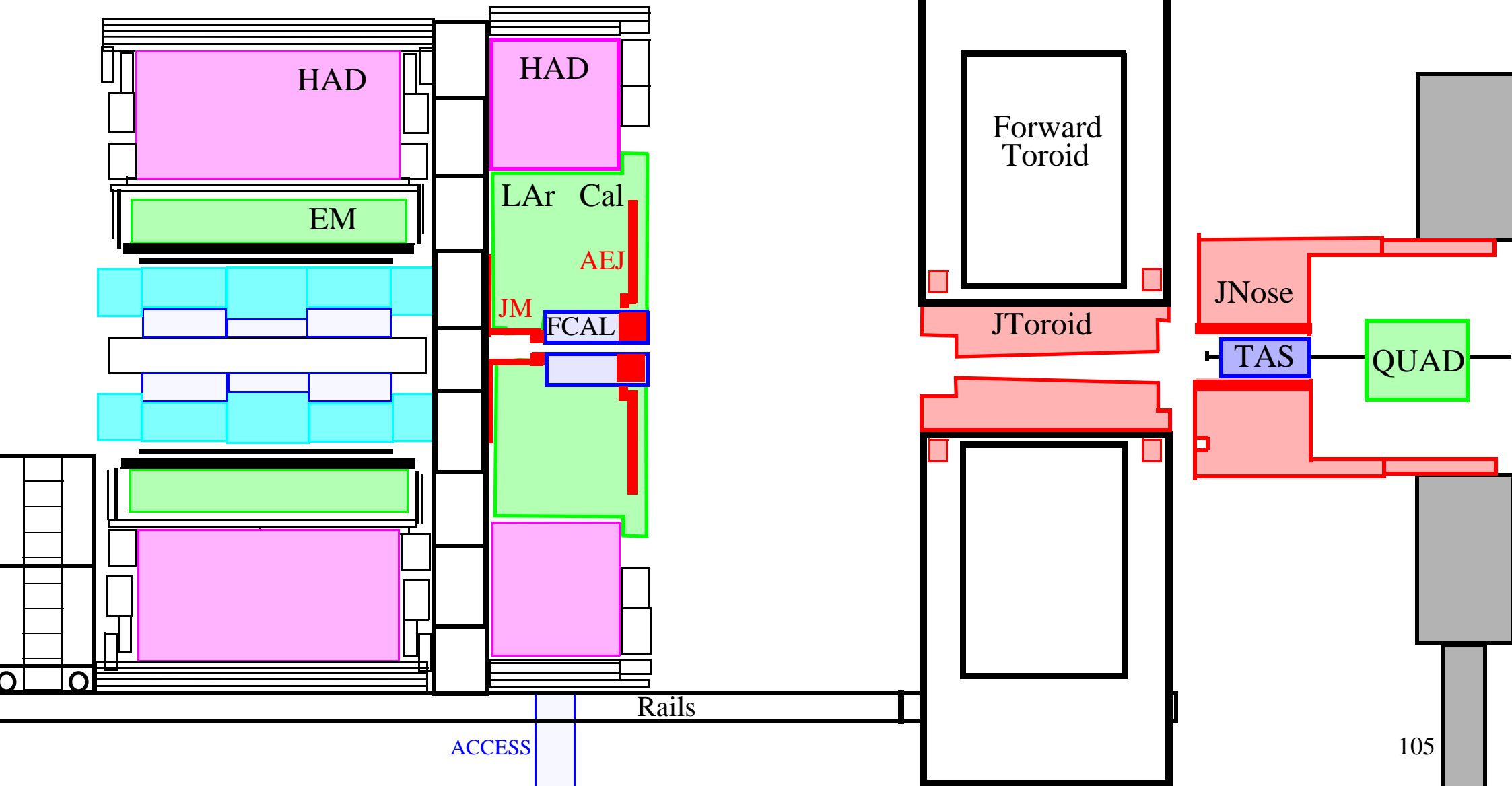
TAS

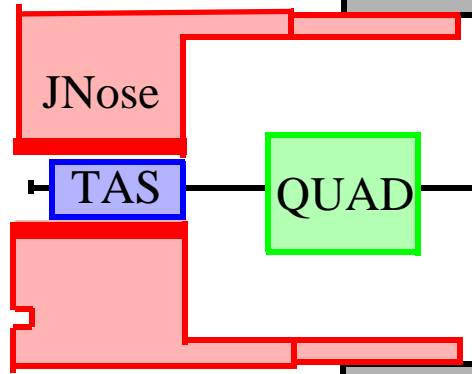
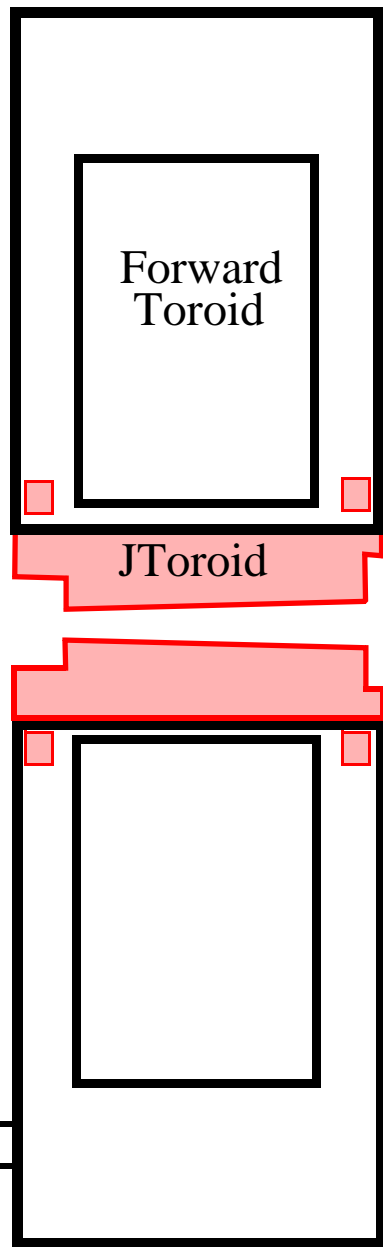
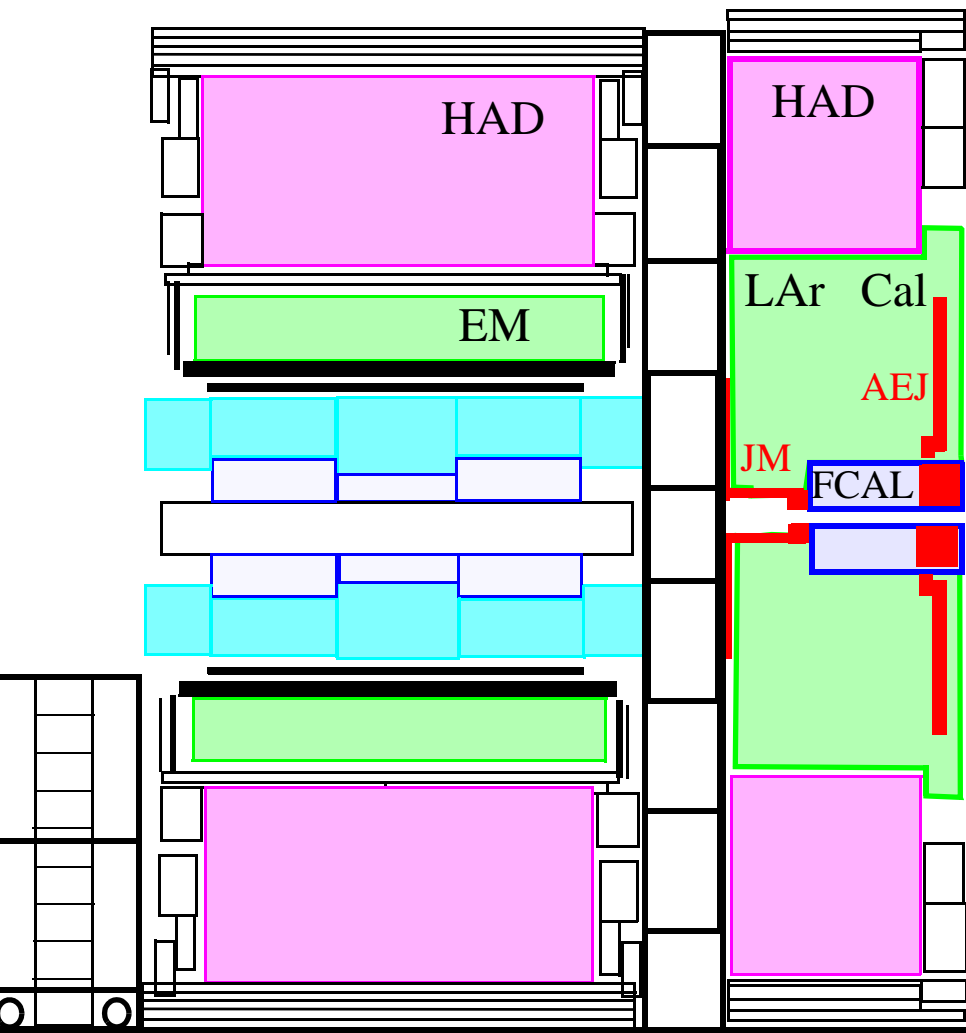
QUAD

Rails

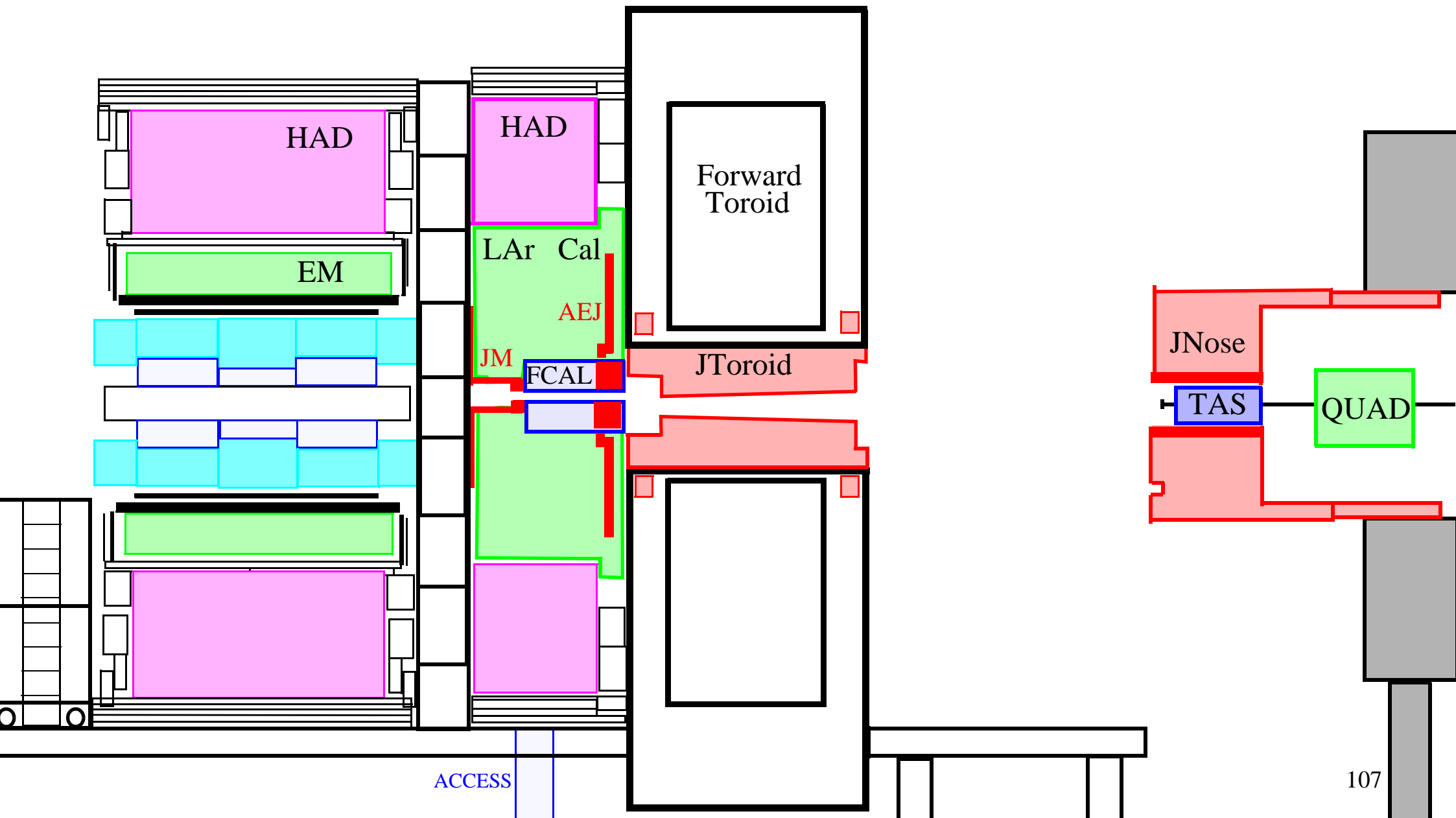
ACCESS



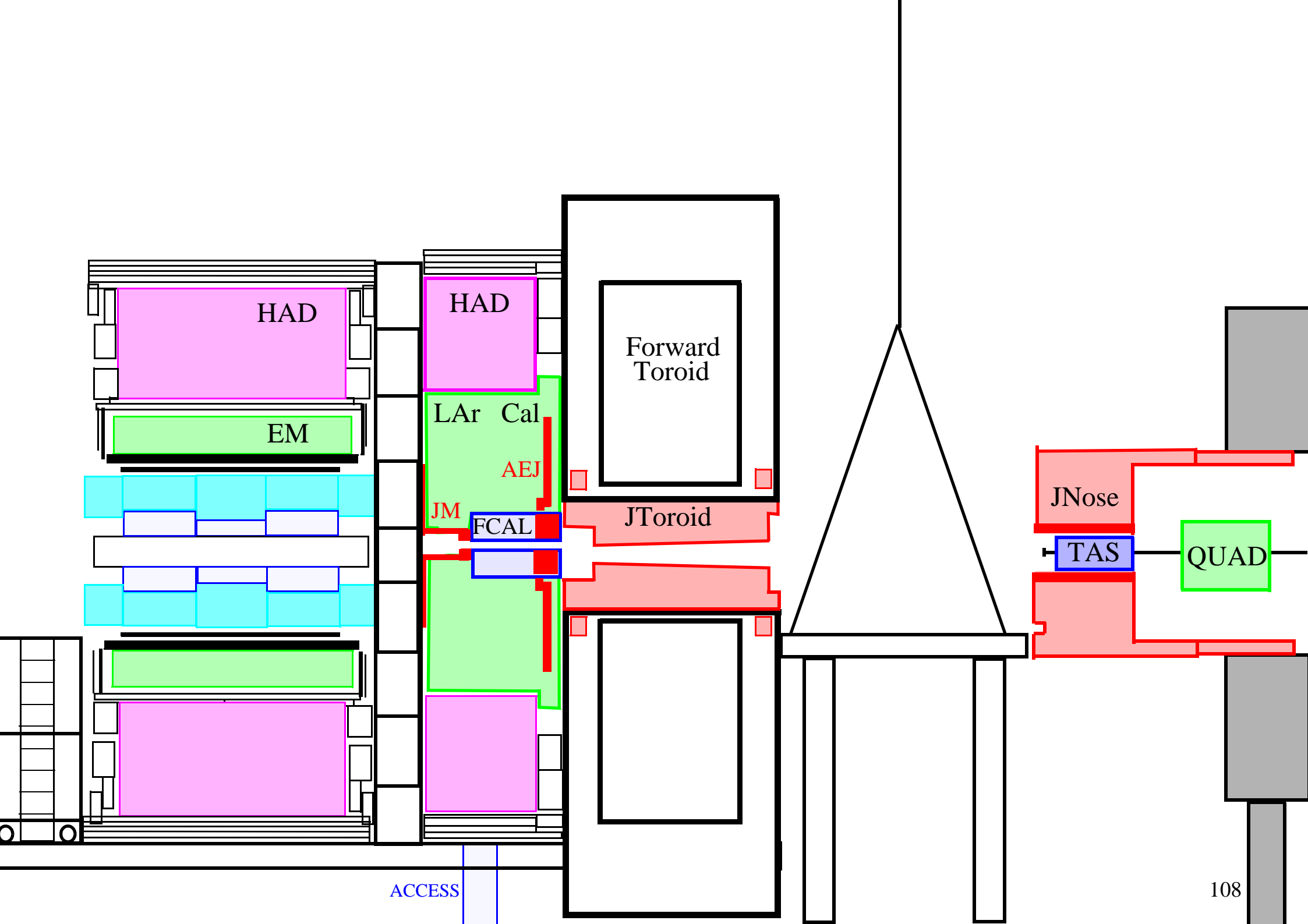




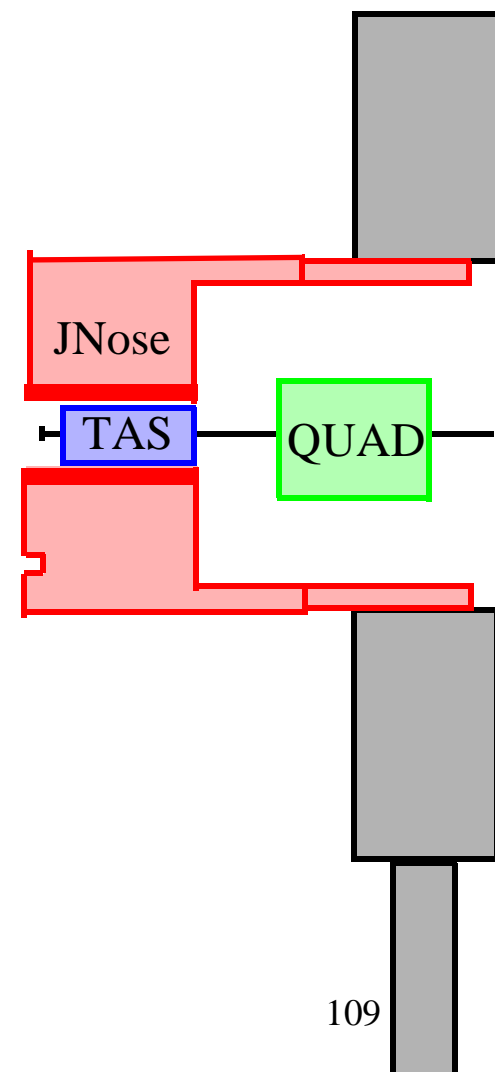
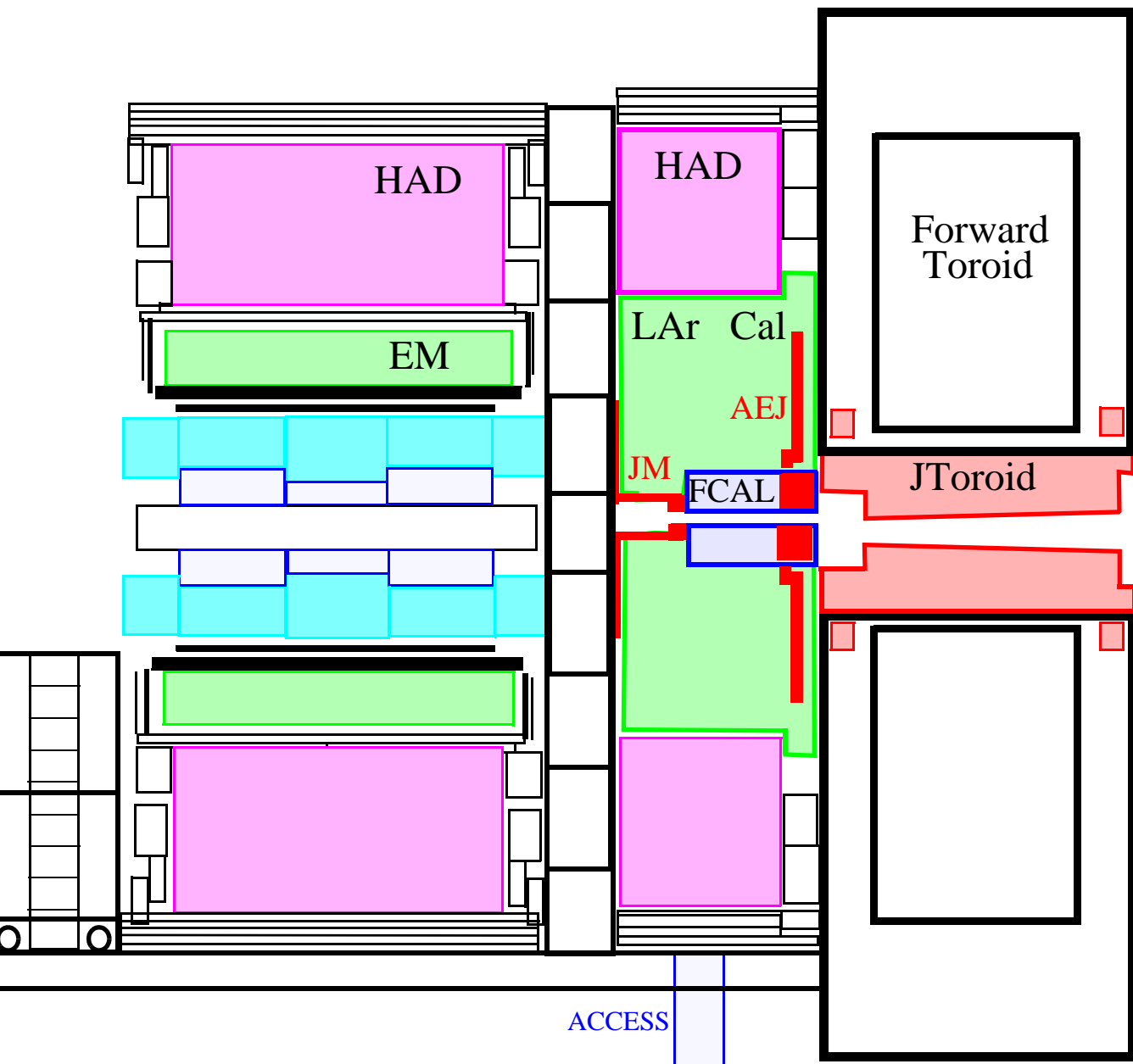
ACCESS
Rails

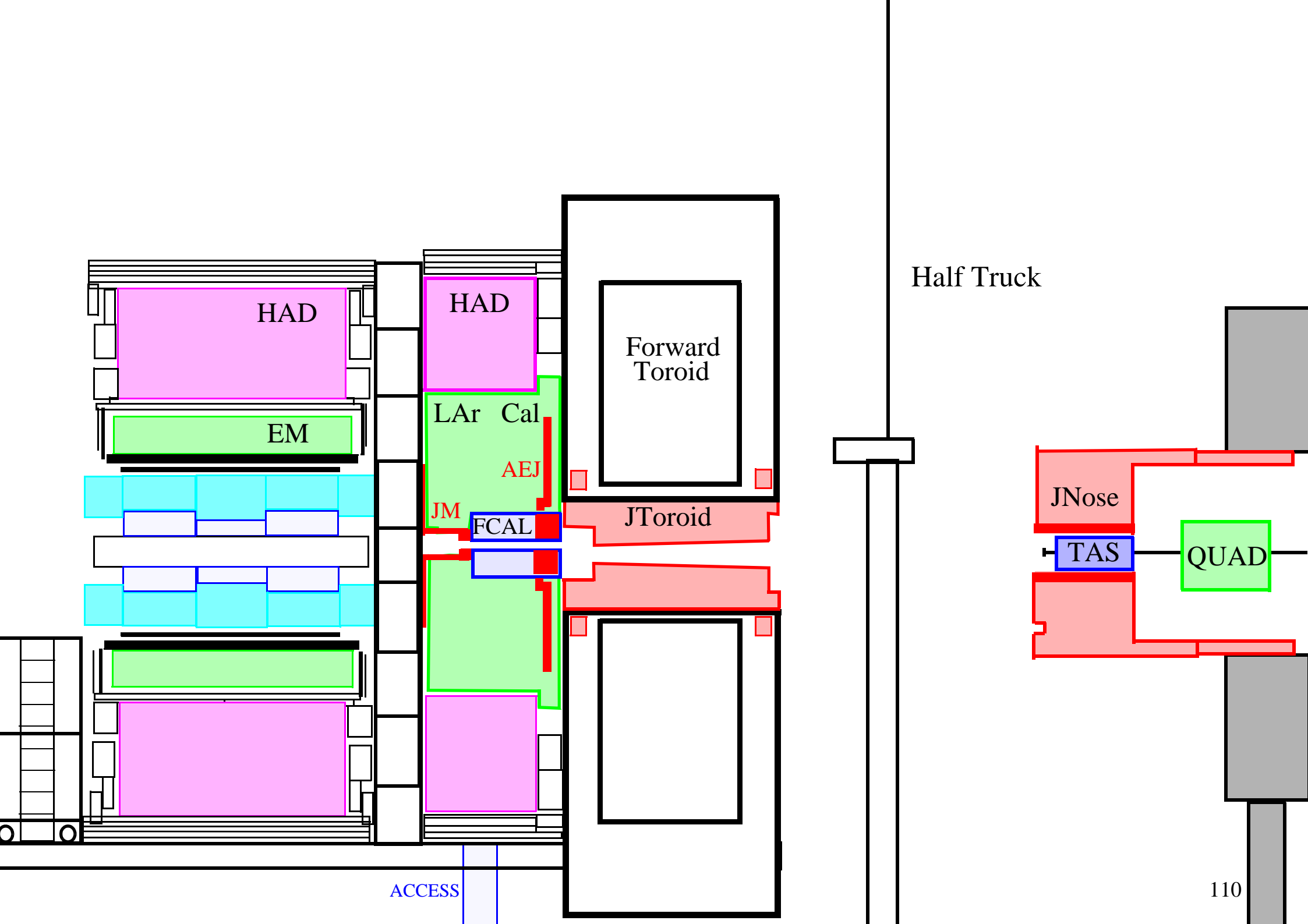


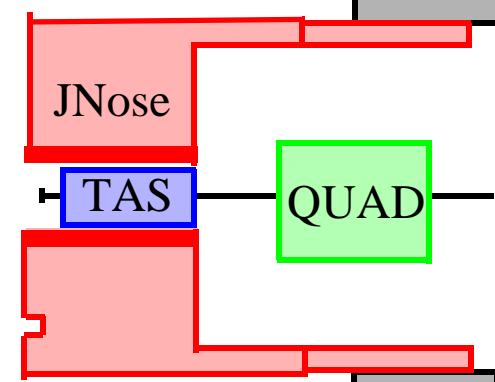
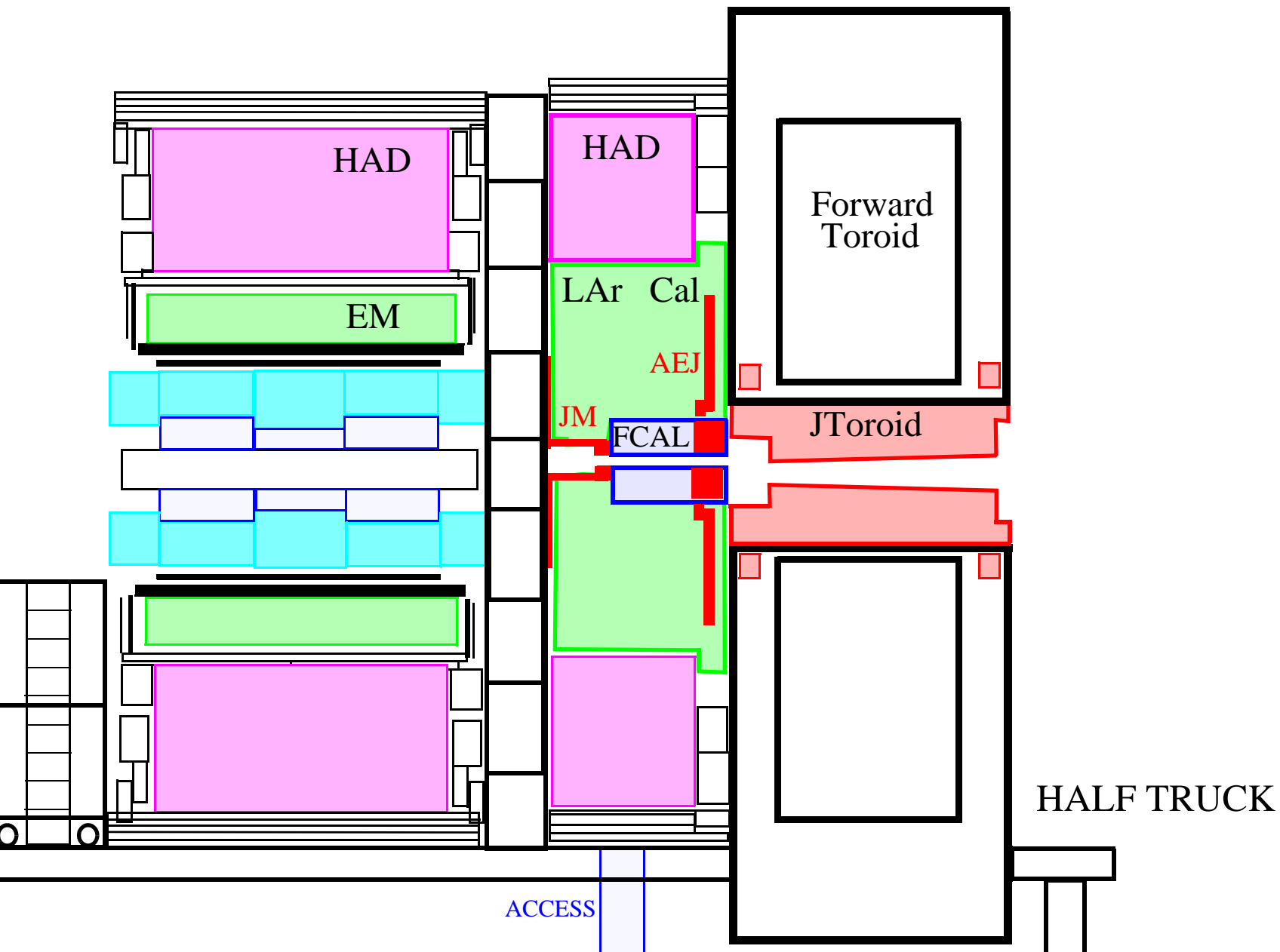
ACCESS

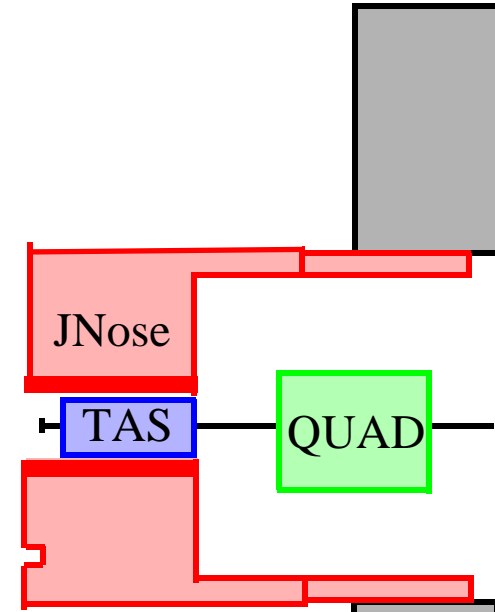
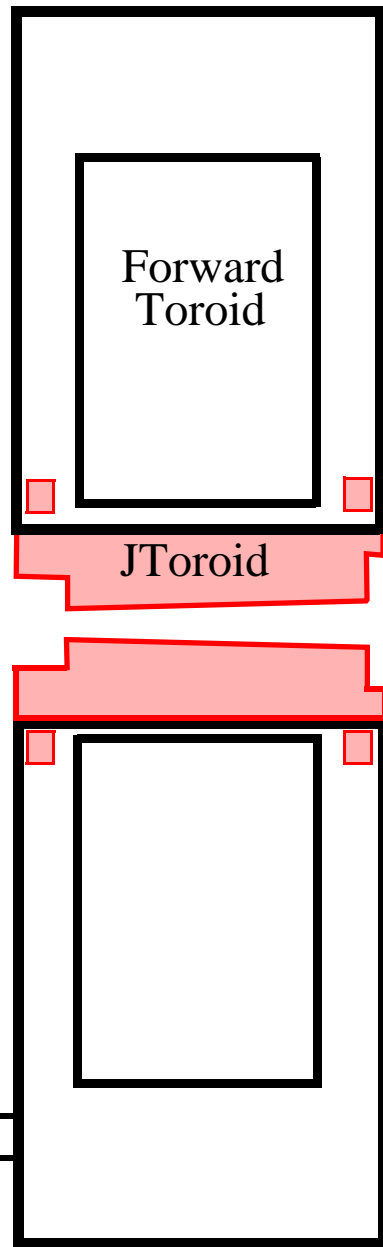
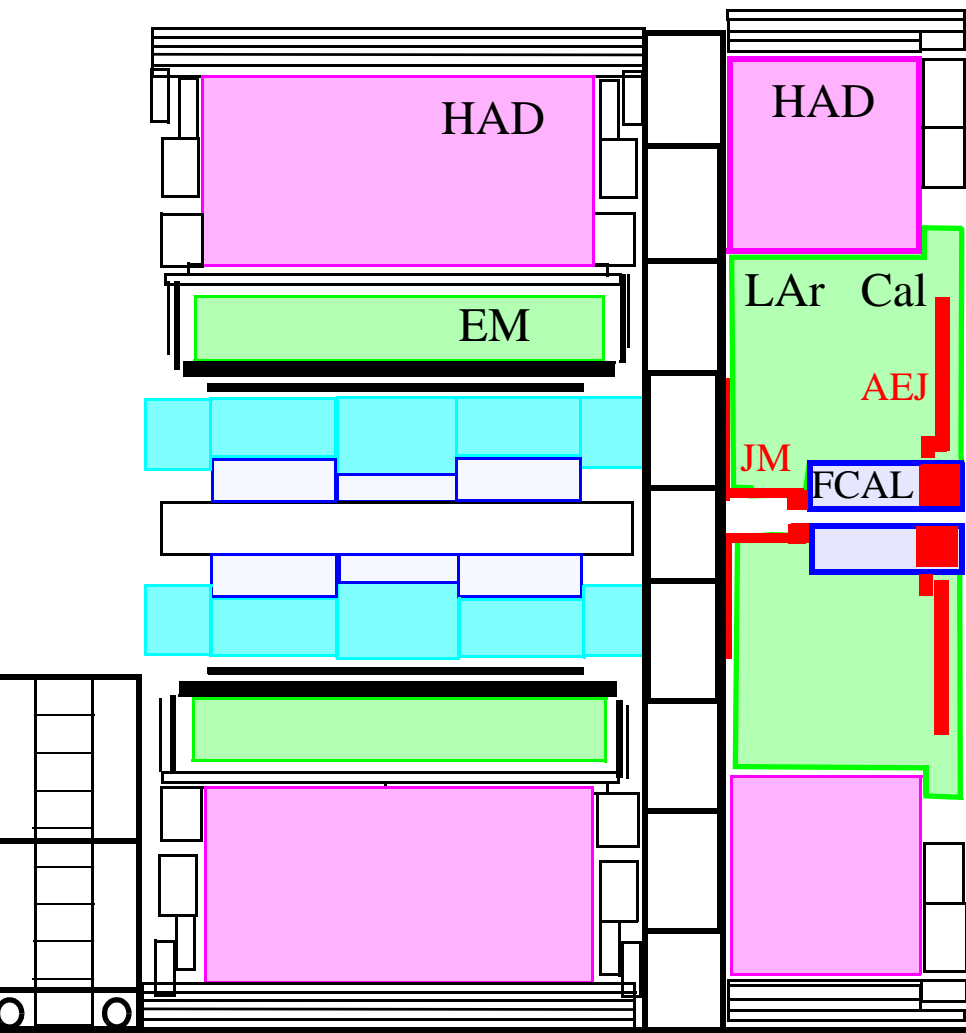


ACCESS



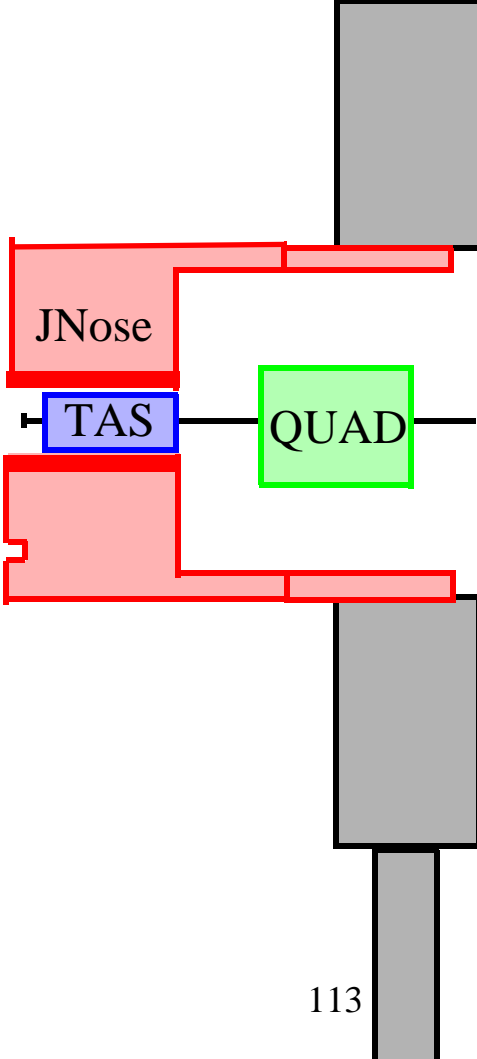
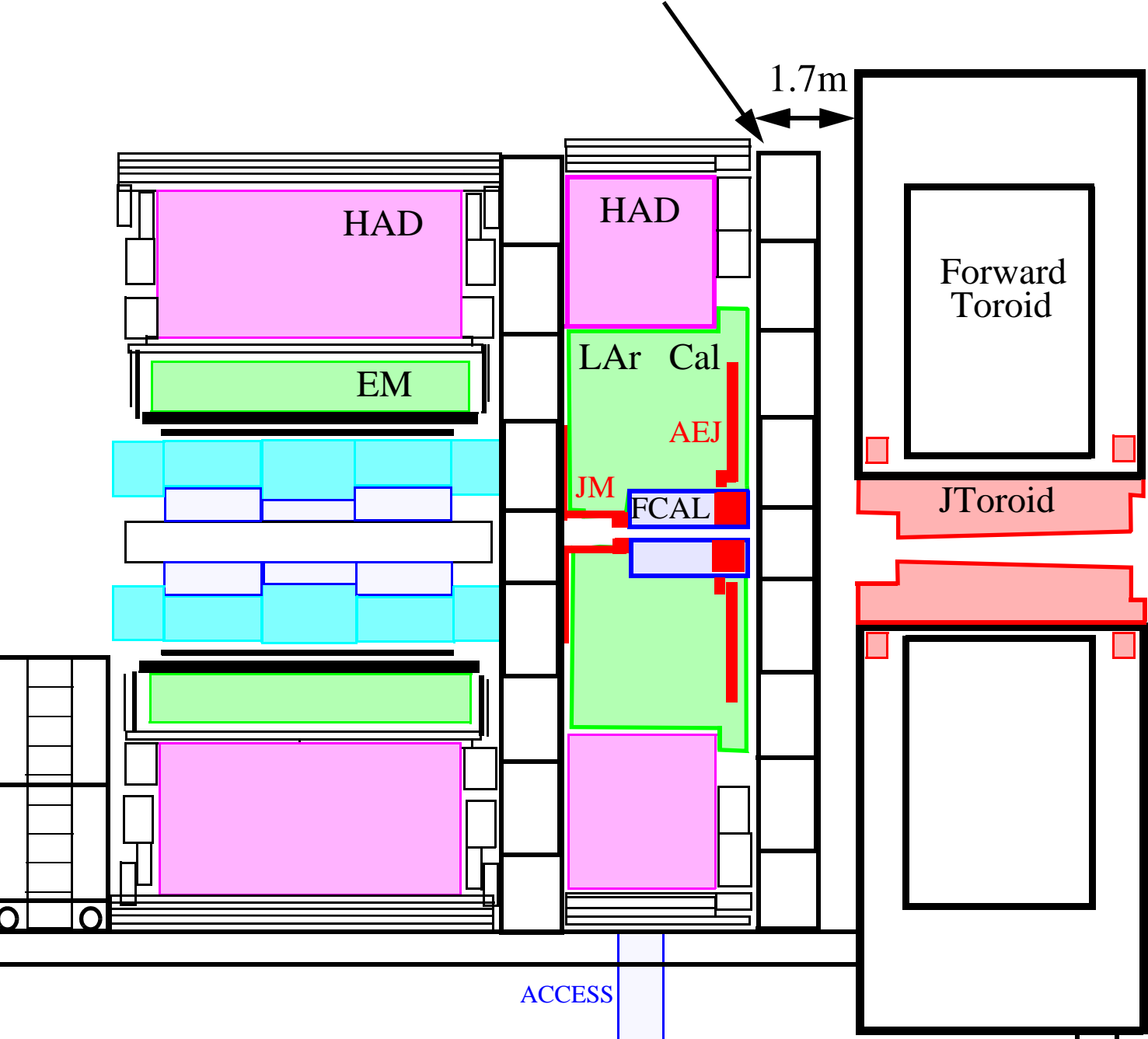


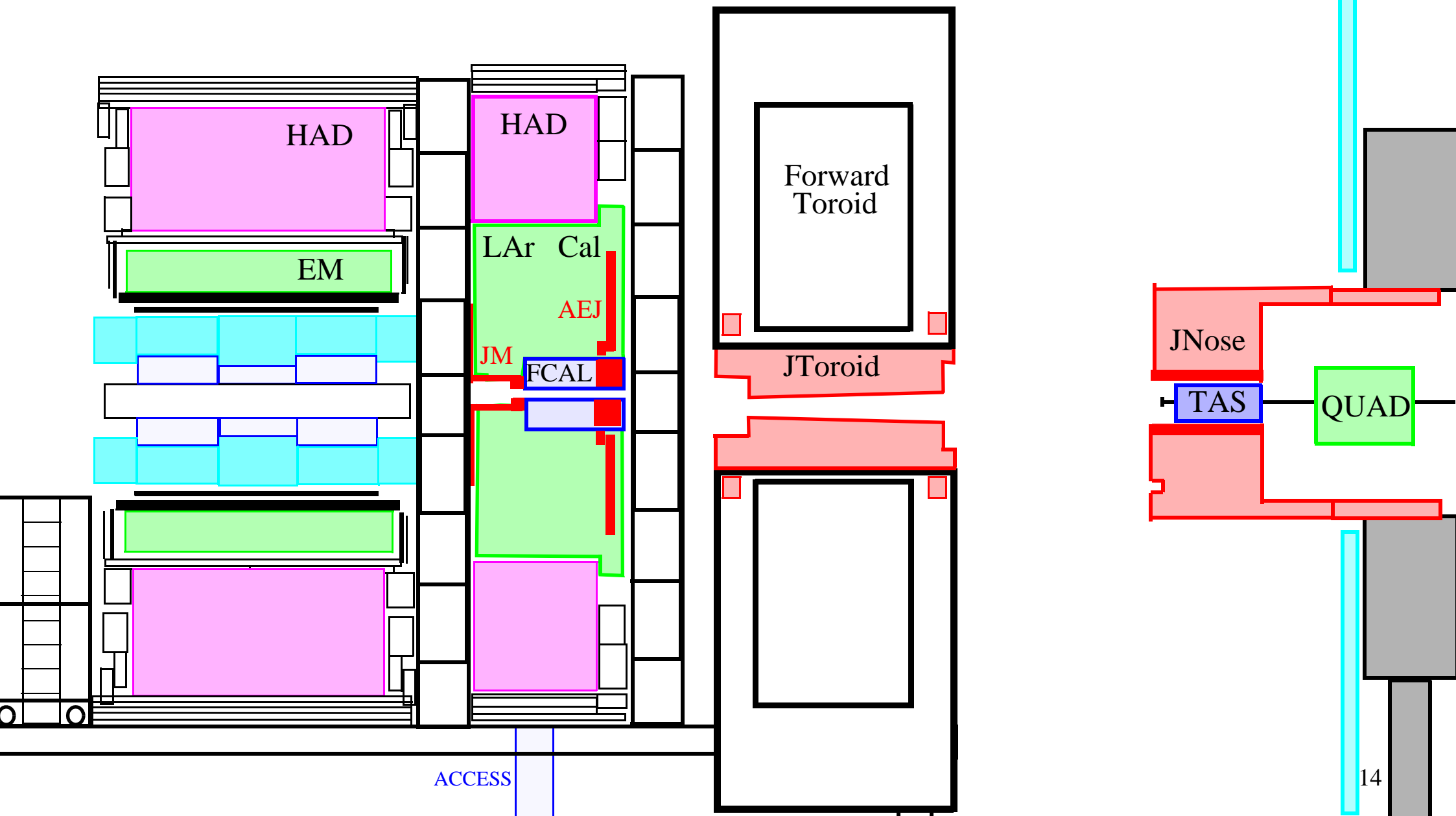




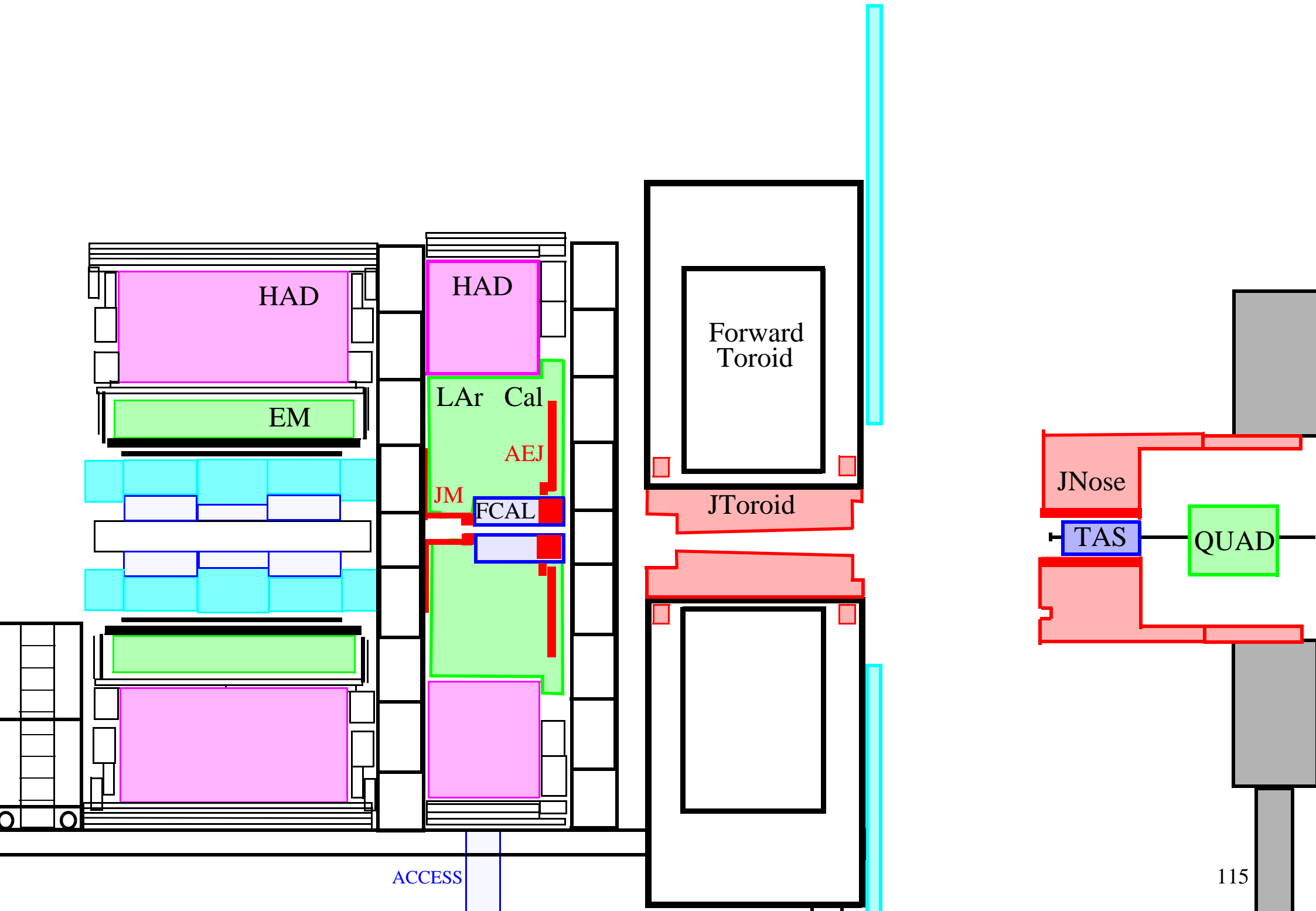
ACCESS

Scaffolding that is max 1.7 m
with access through muon detector.

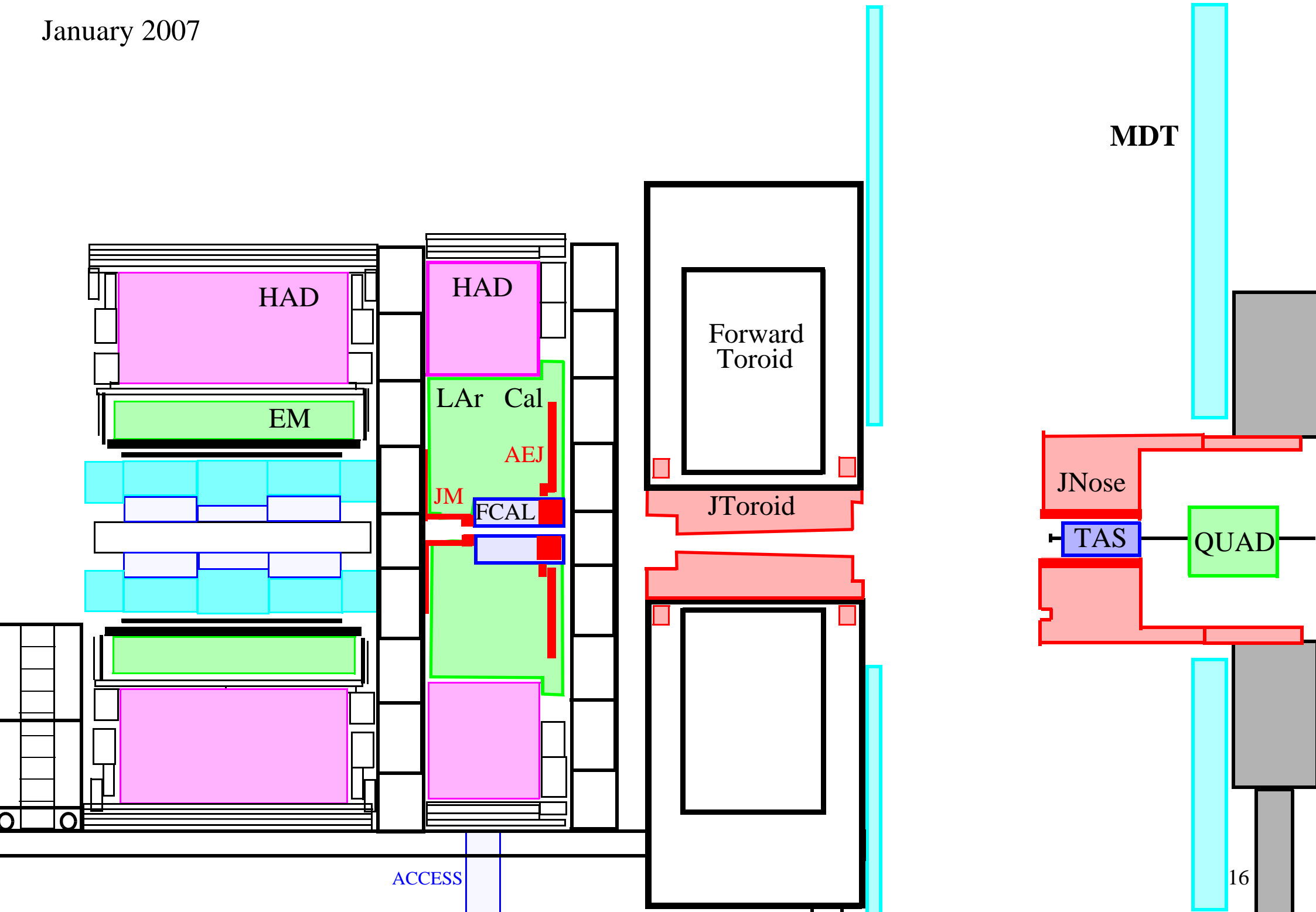




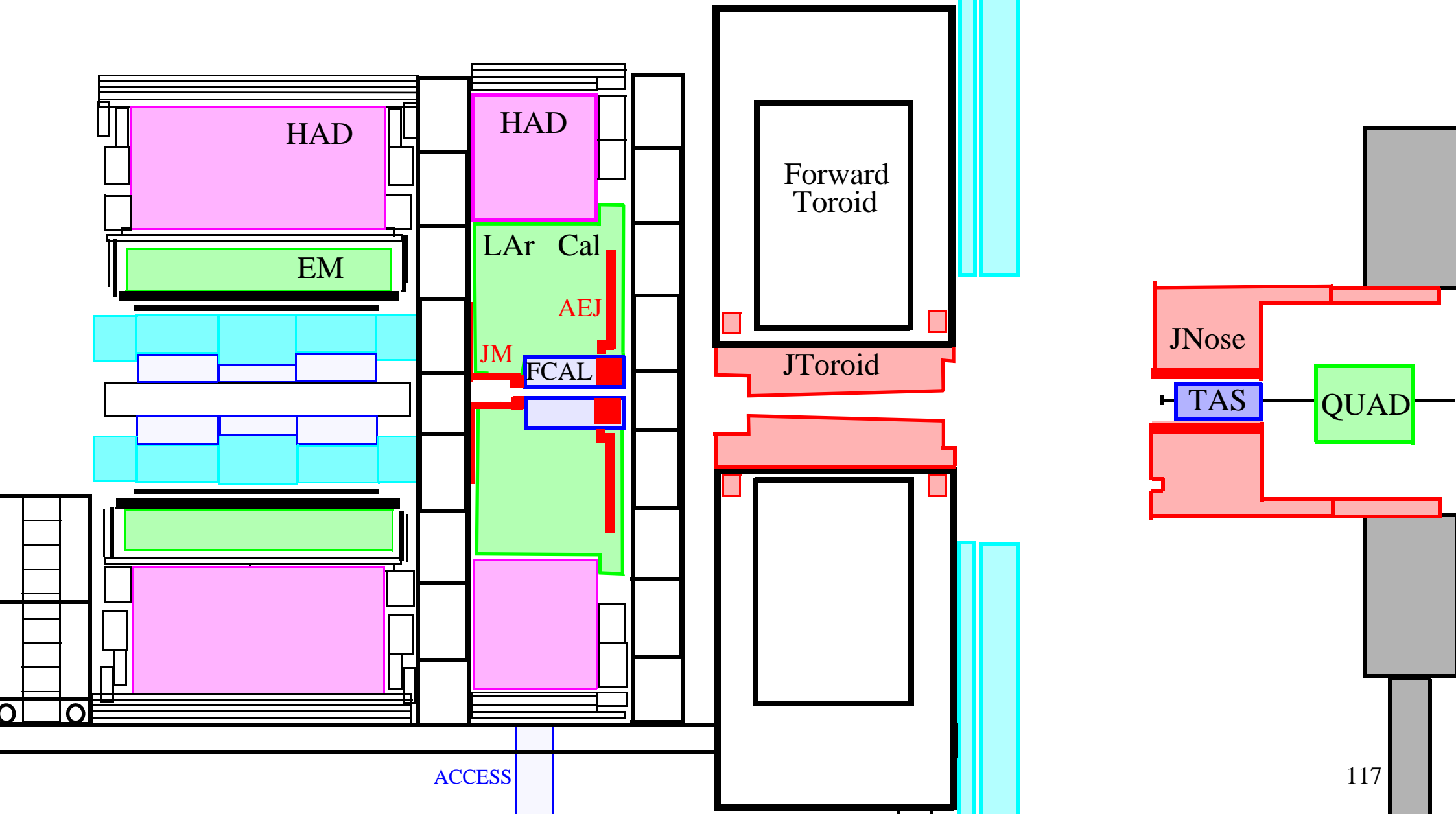
ACCESS



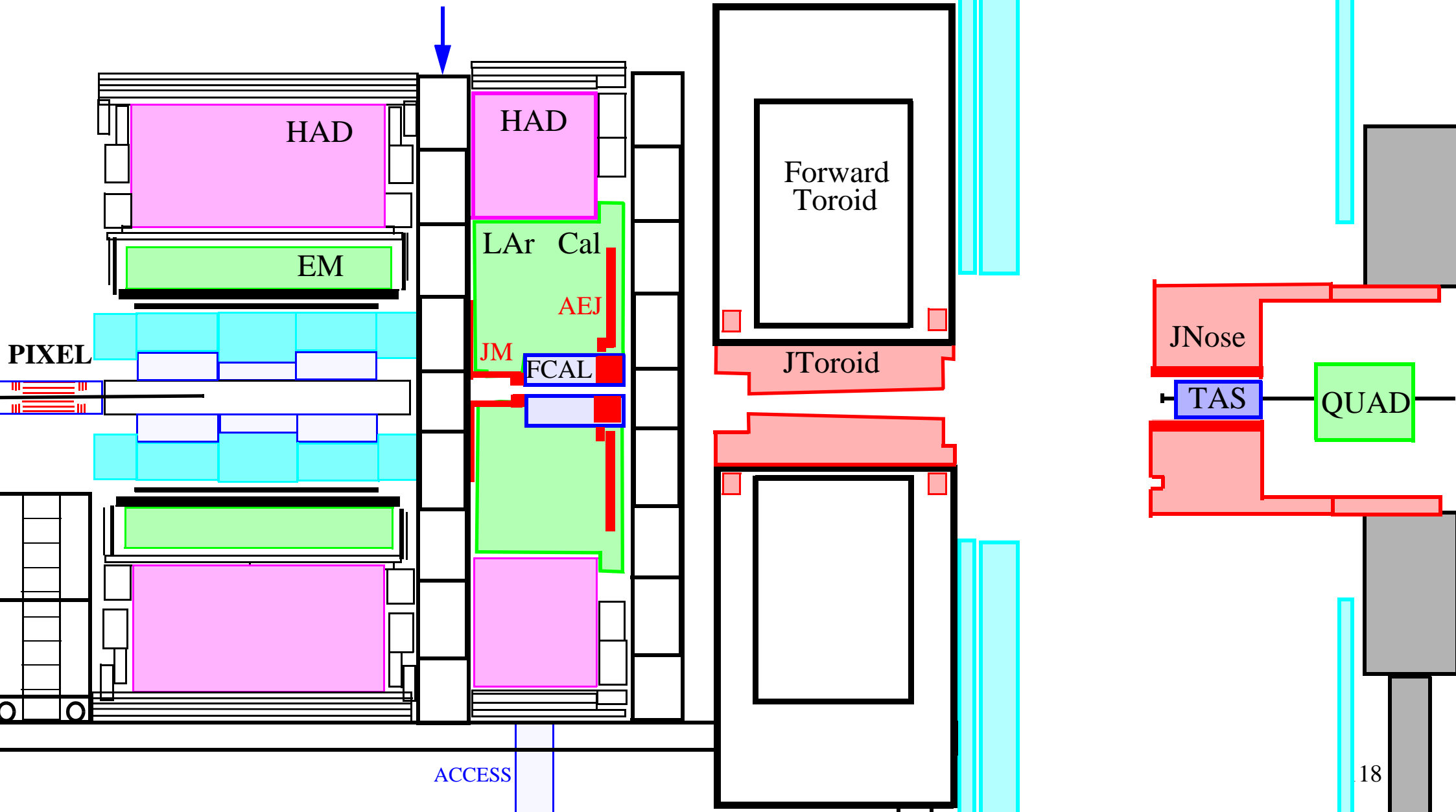
January 2007

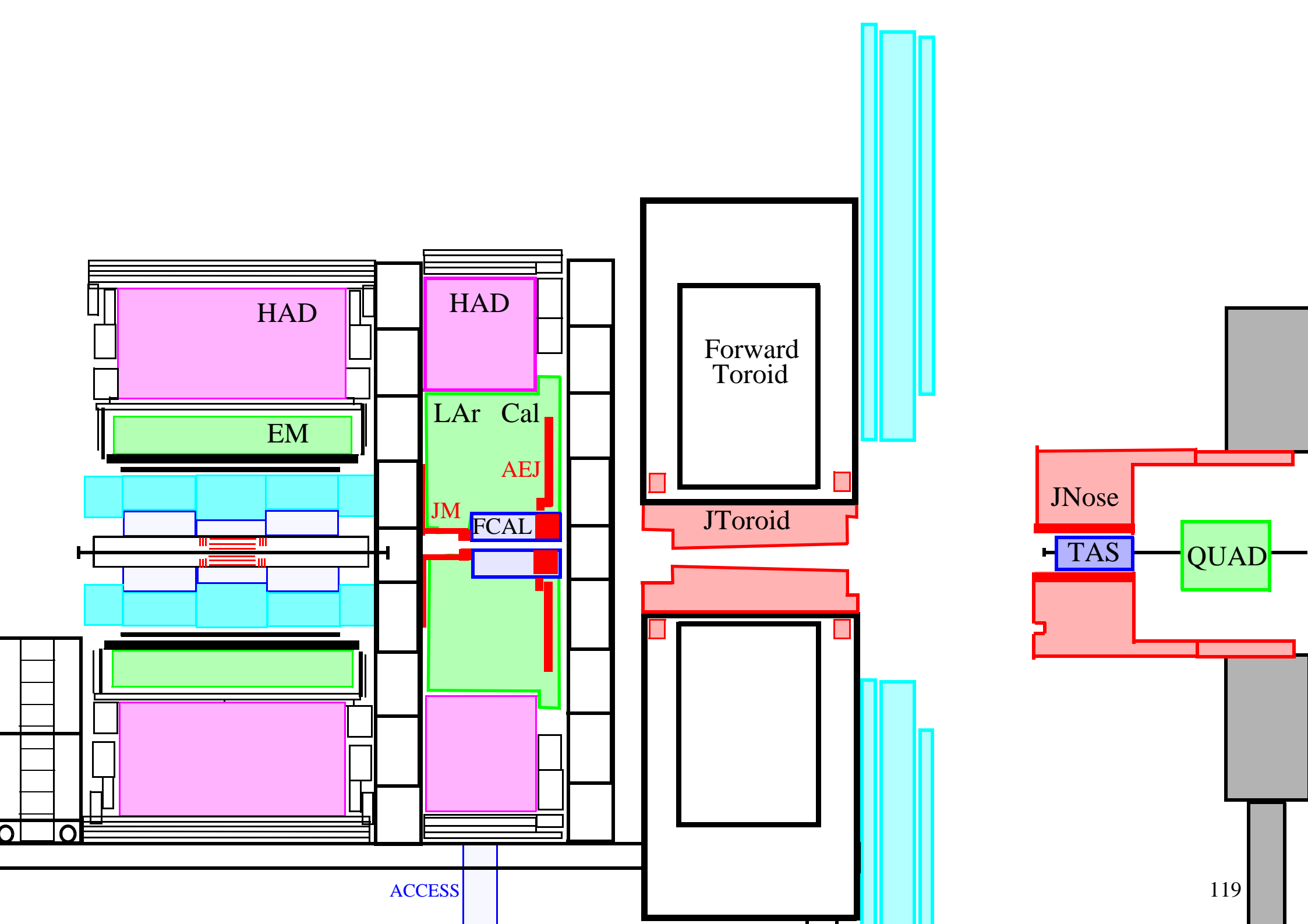


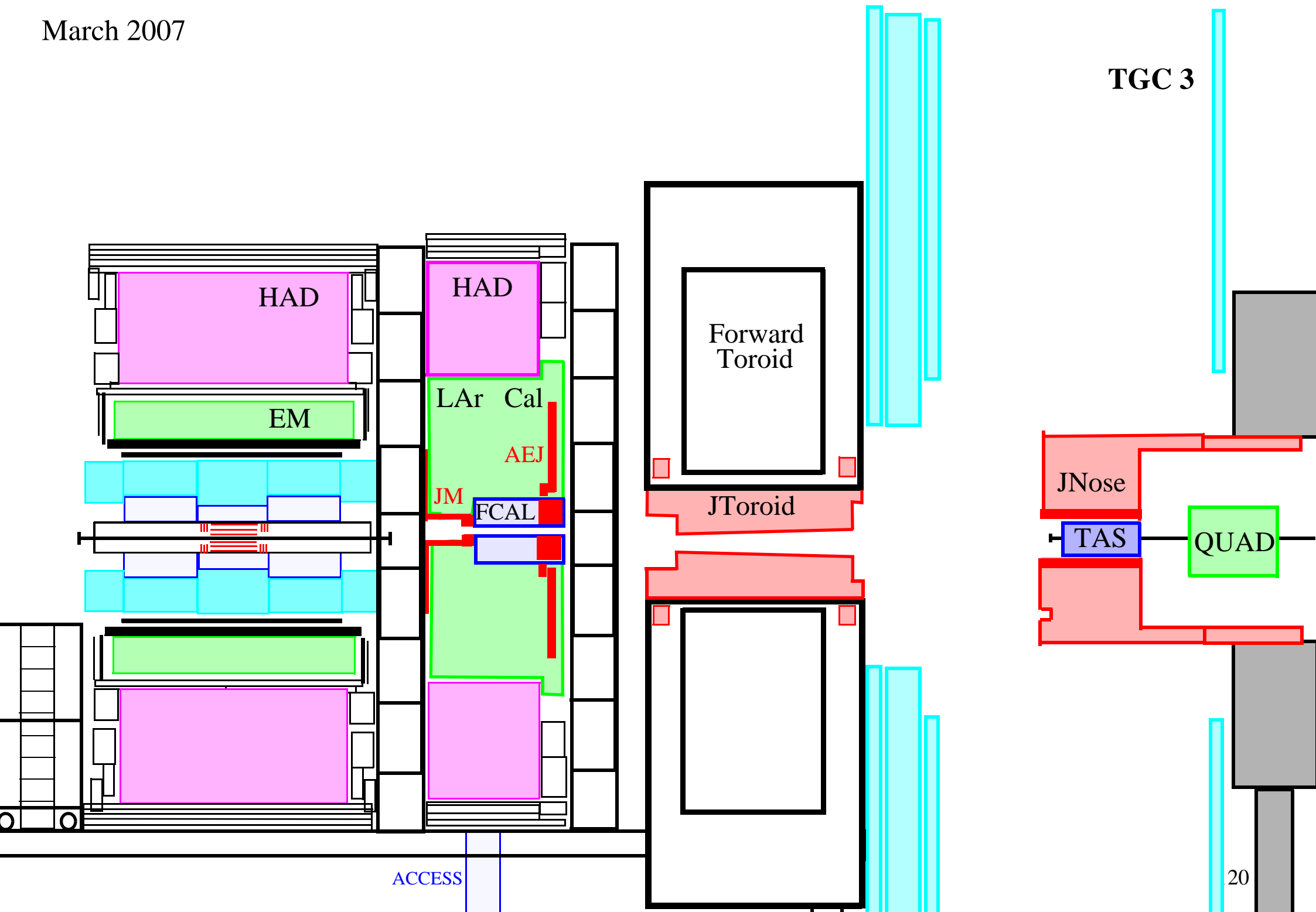
When is the Big Wheel electronic racks and gangways installed ?



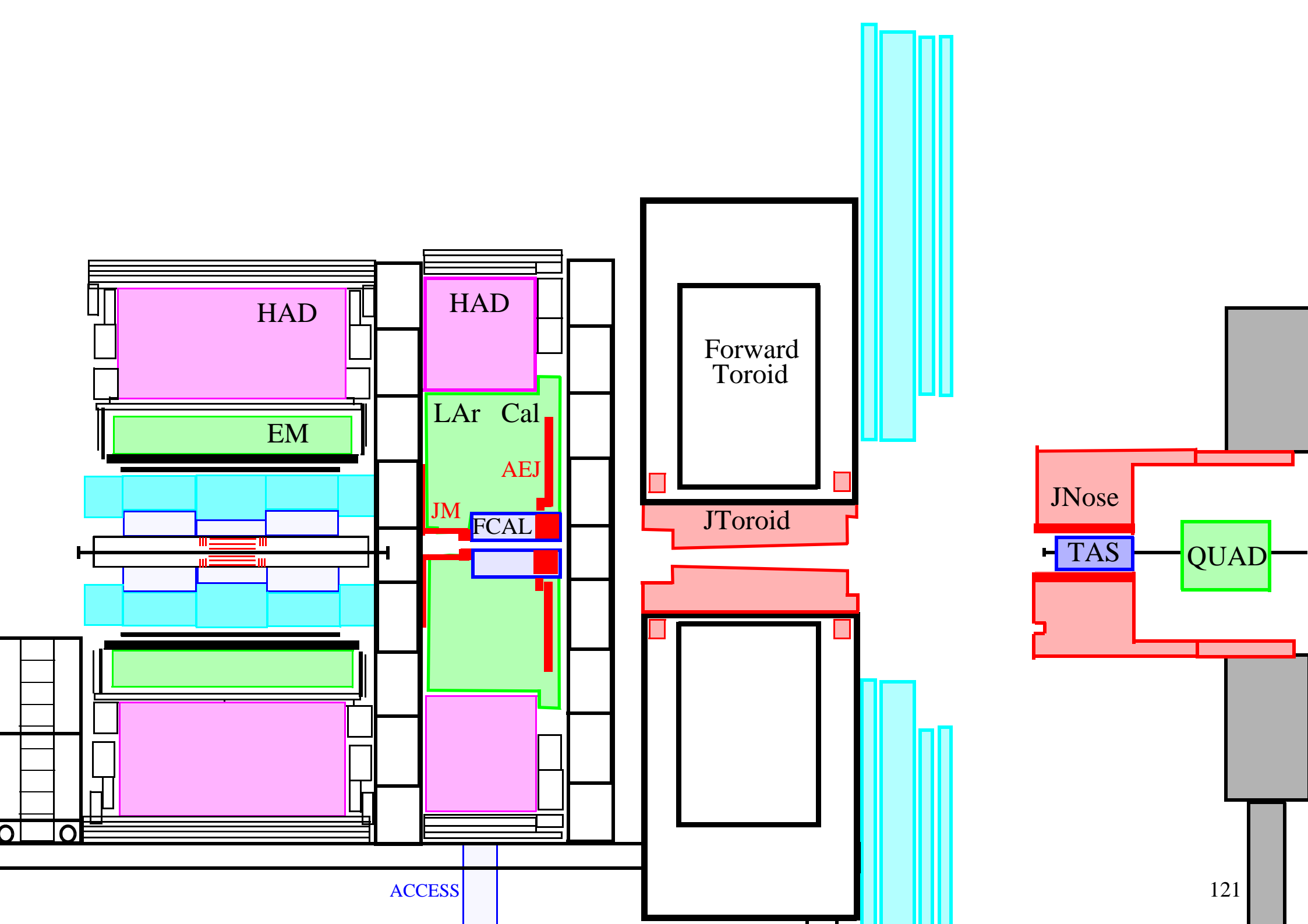
Is this scaffolding sufficient during PIXEL installation ?

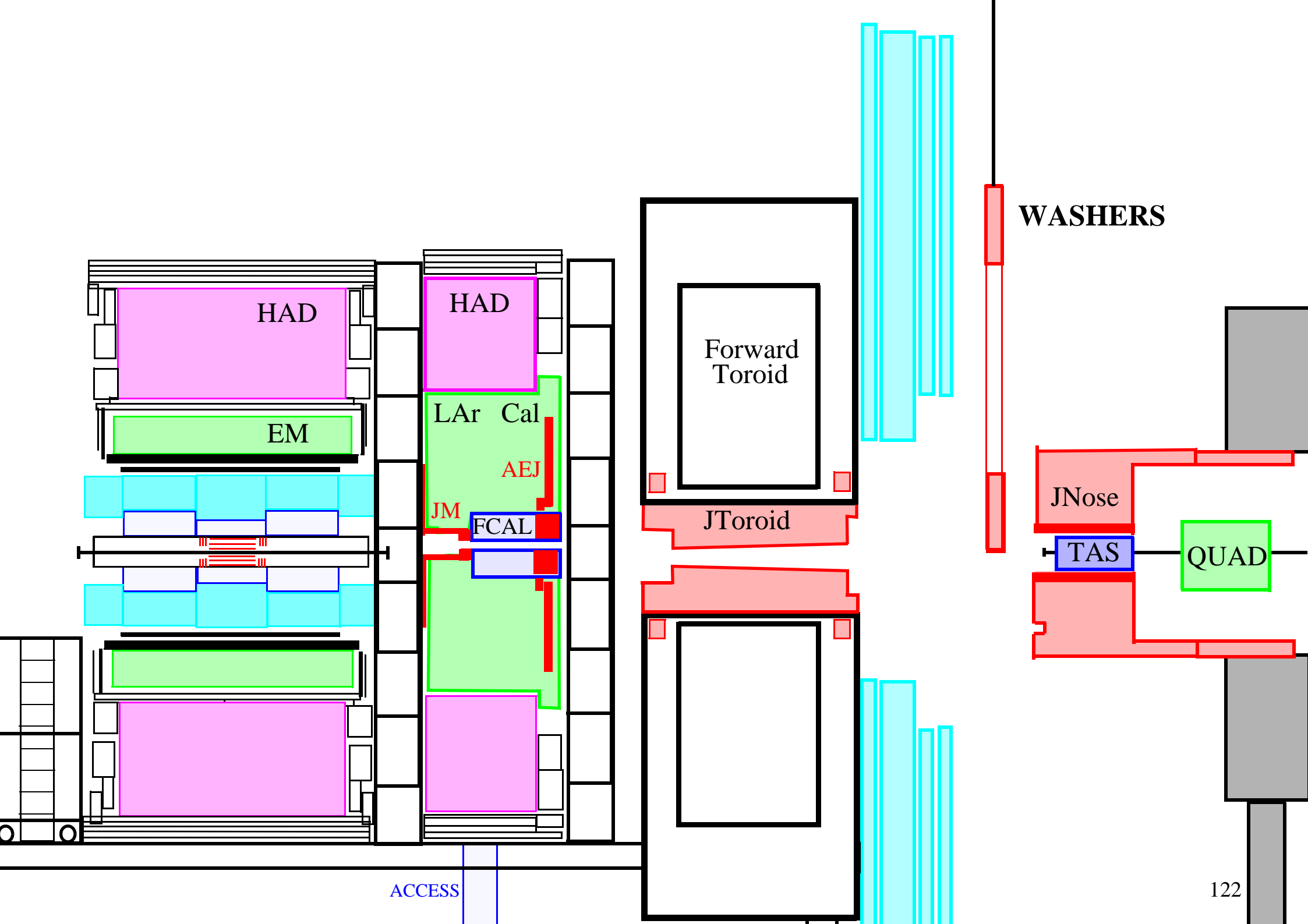


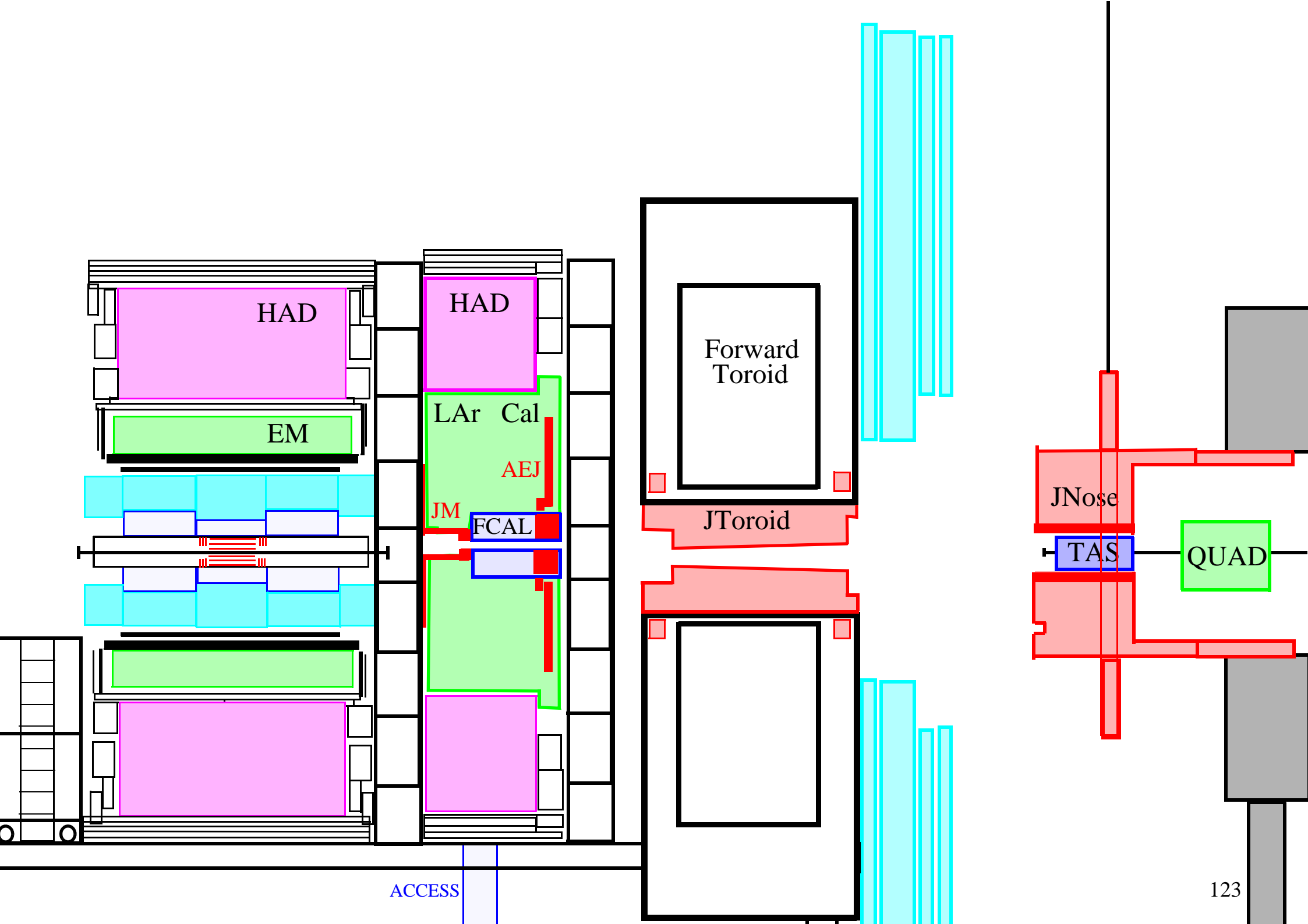


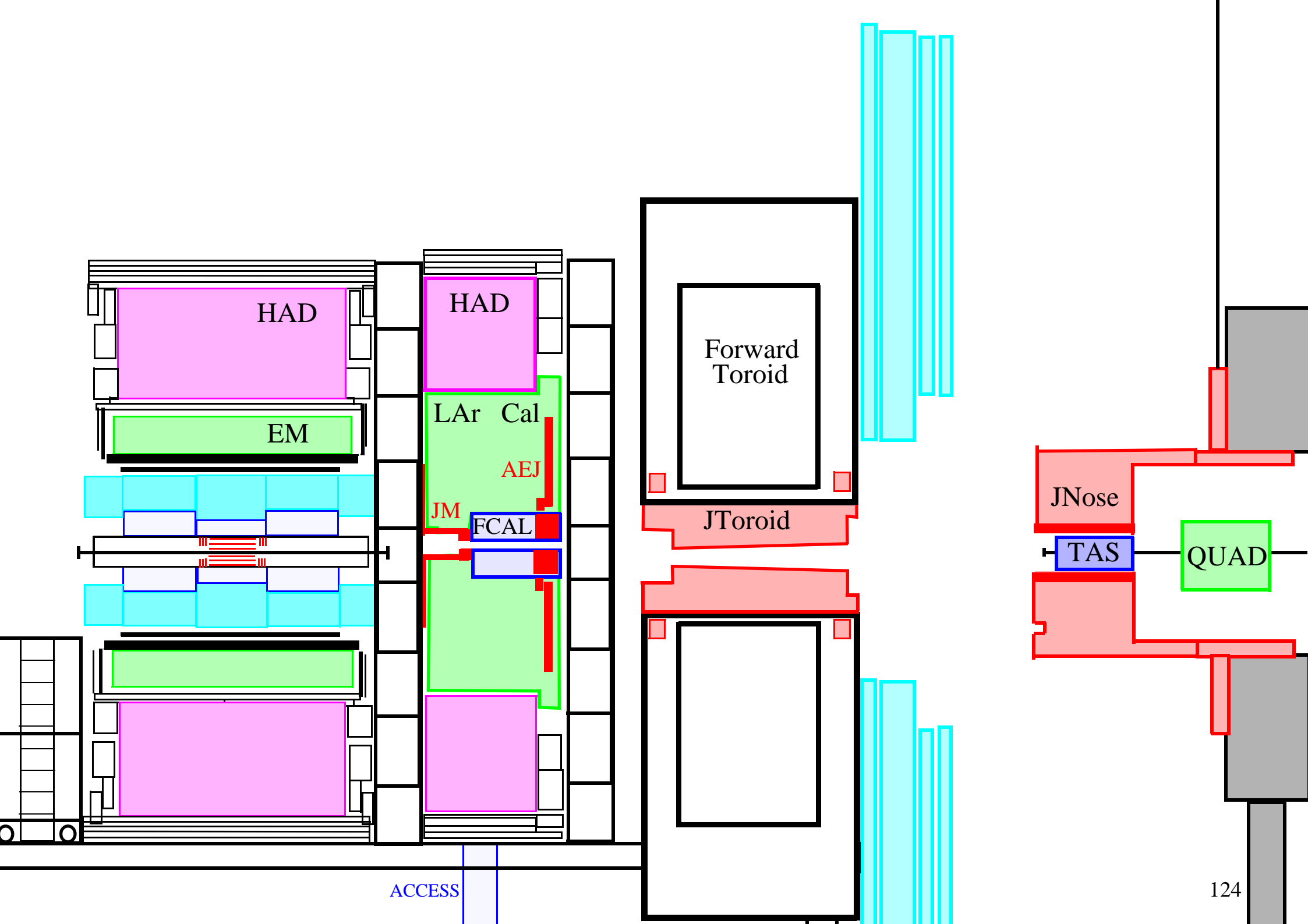


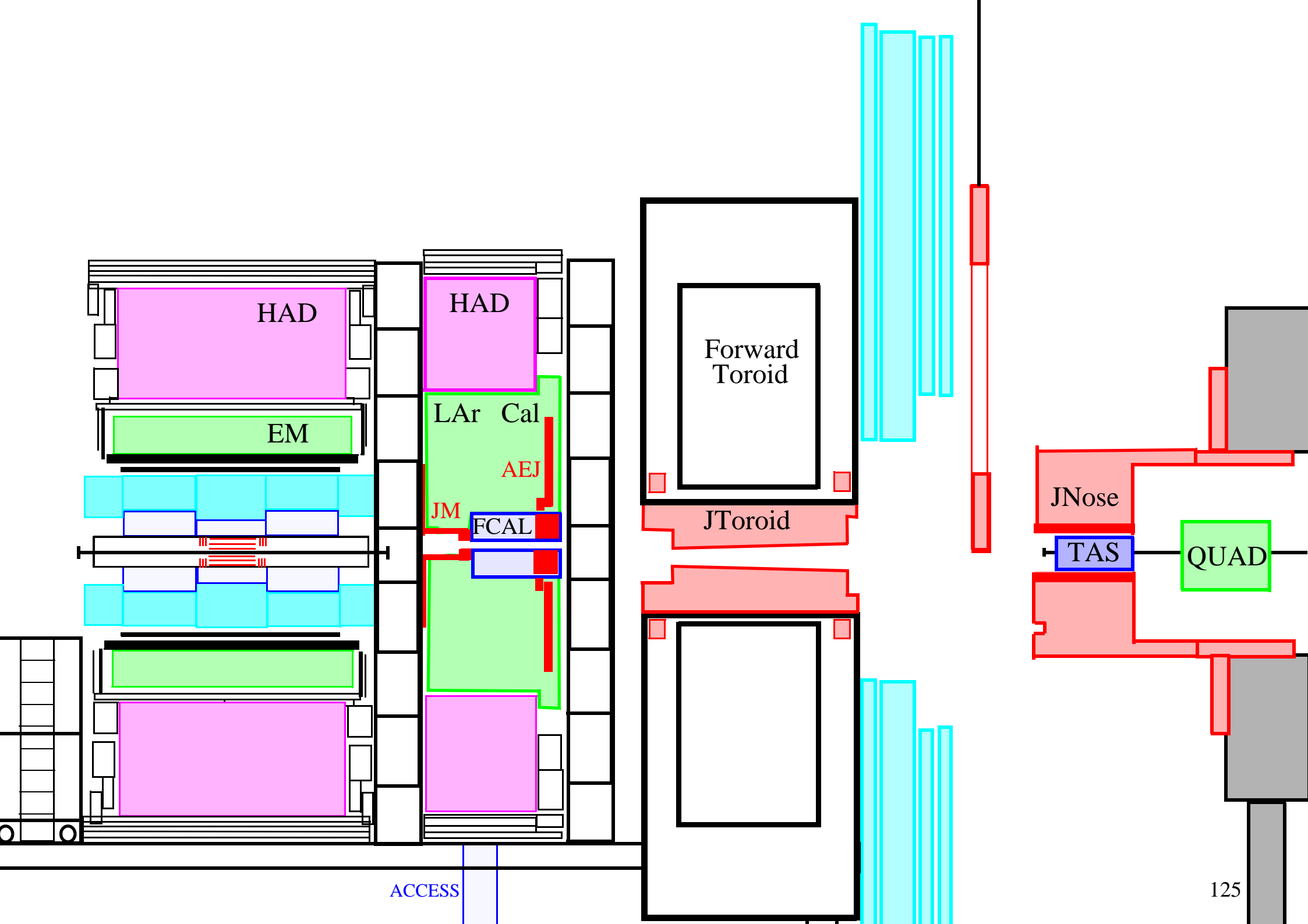
ACCESS



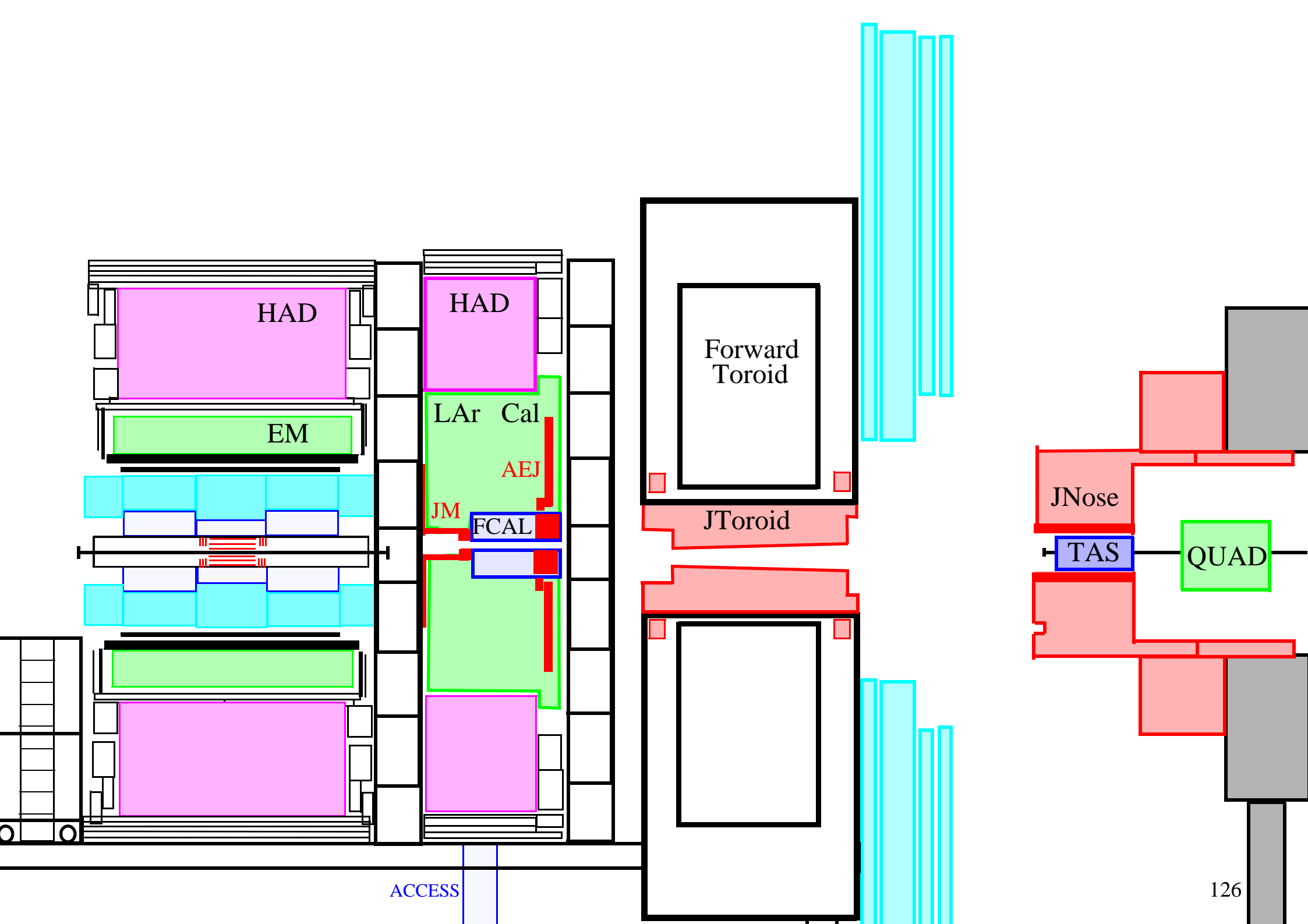


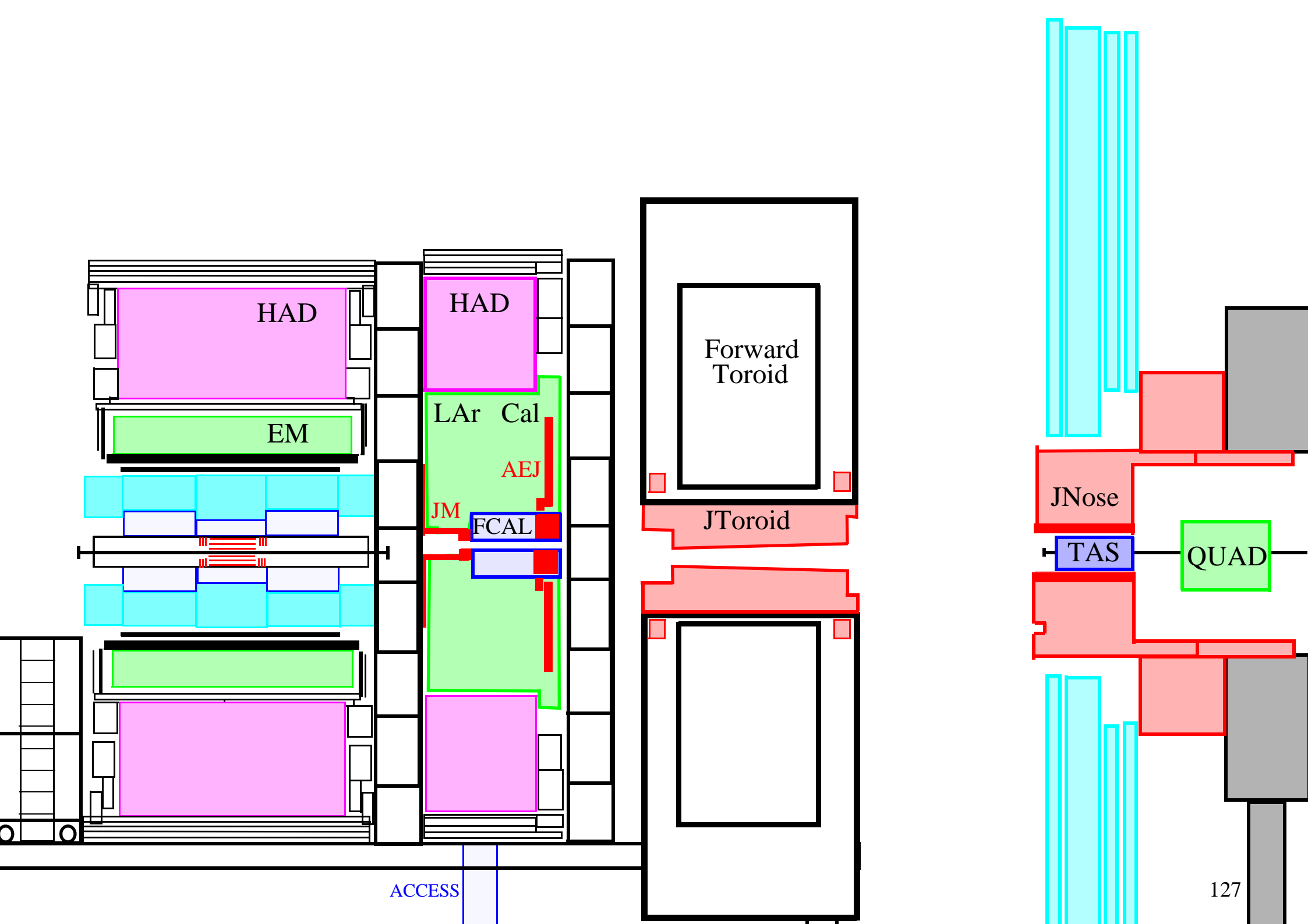


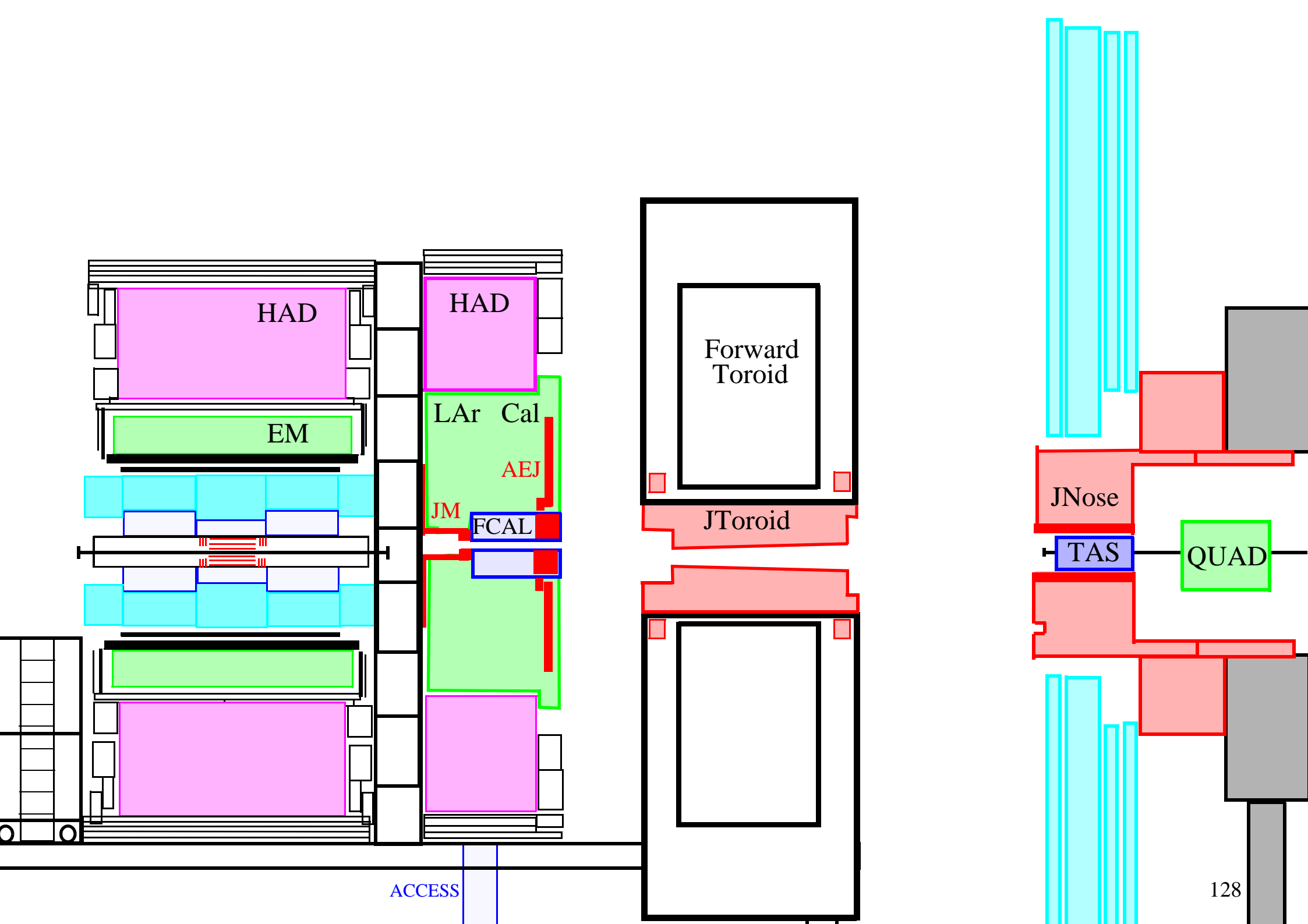


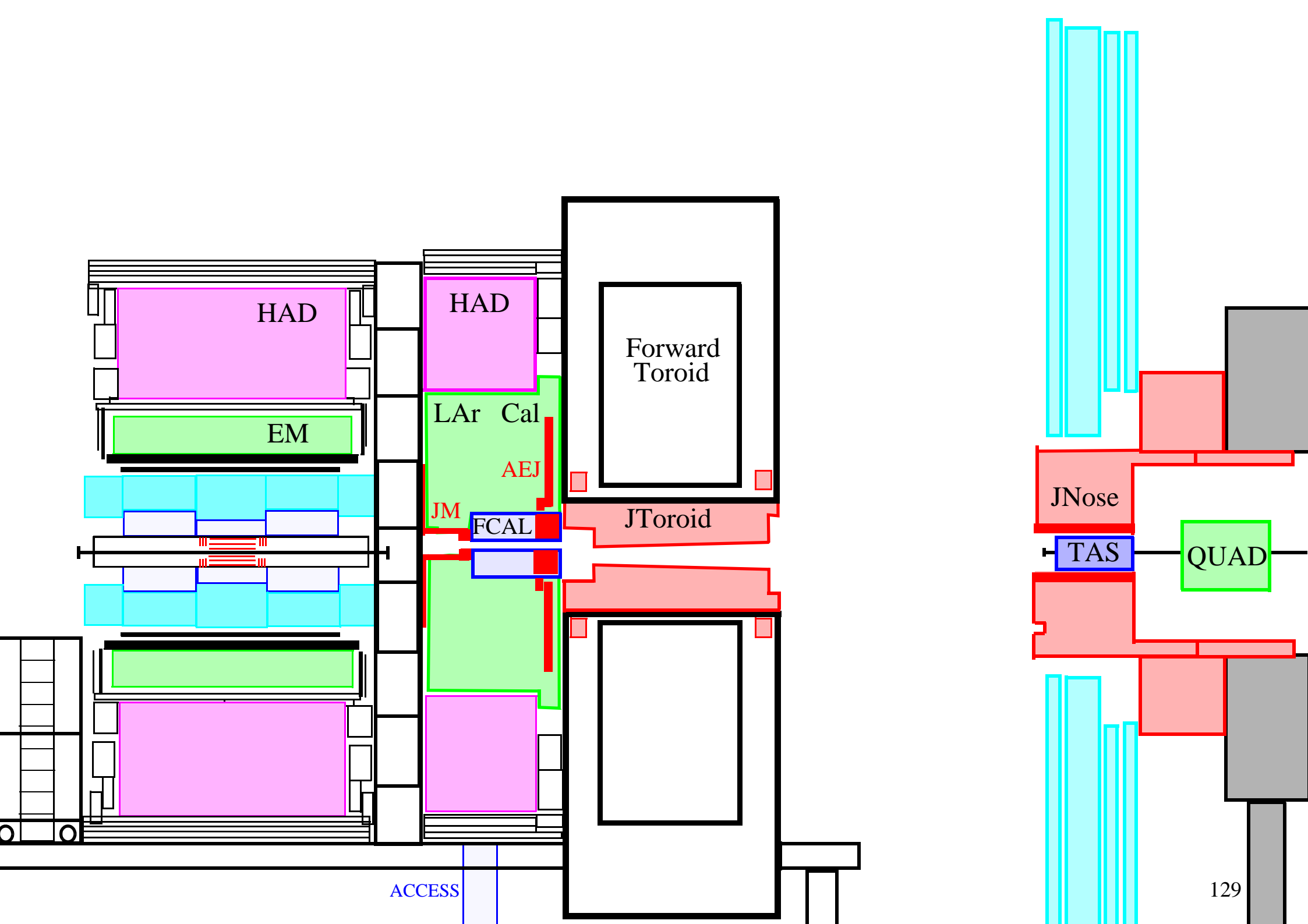


ACCESS

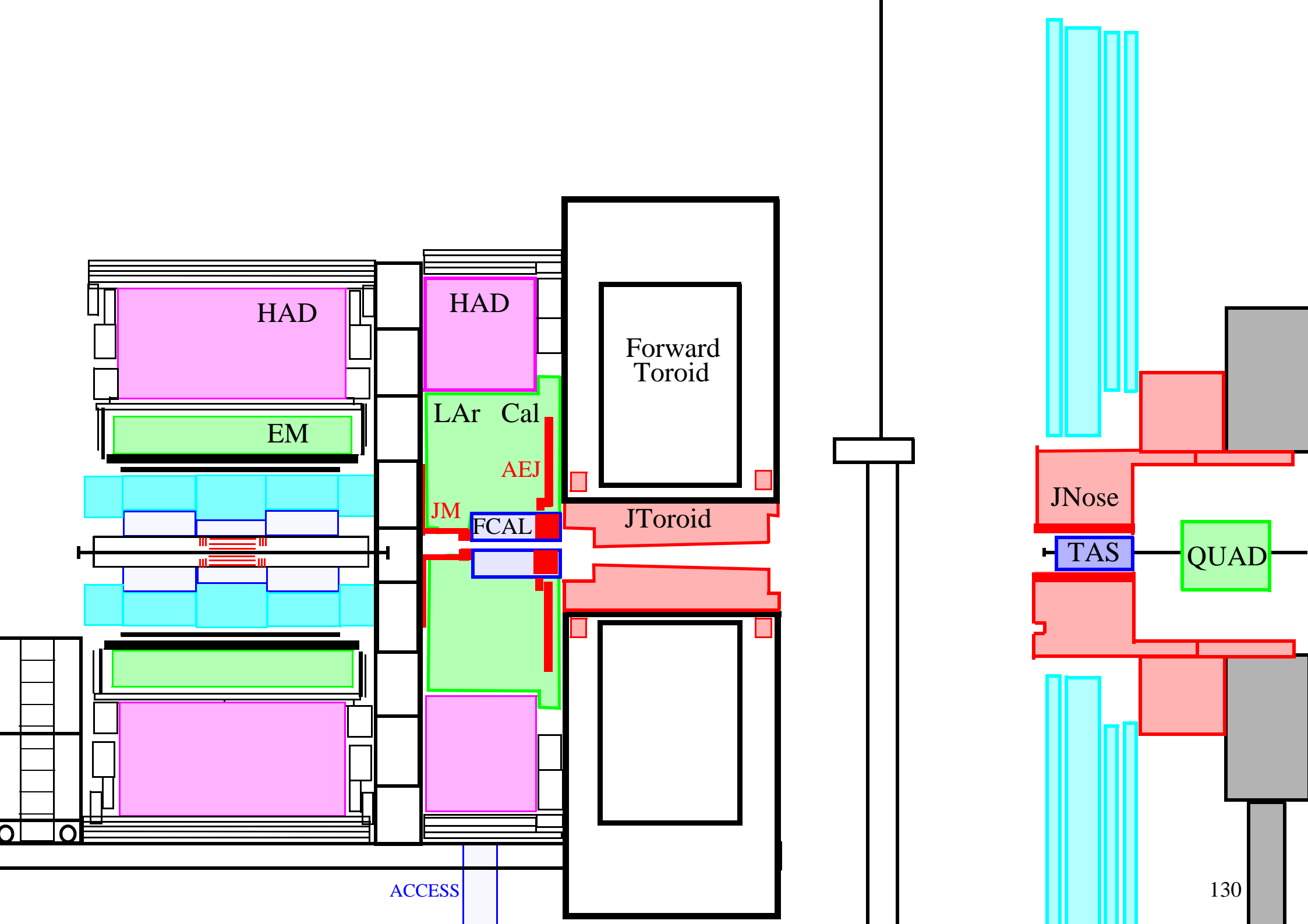




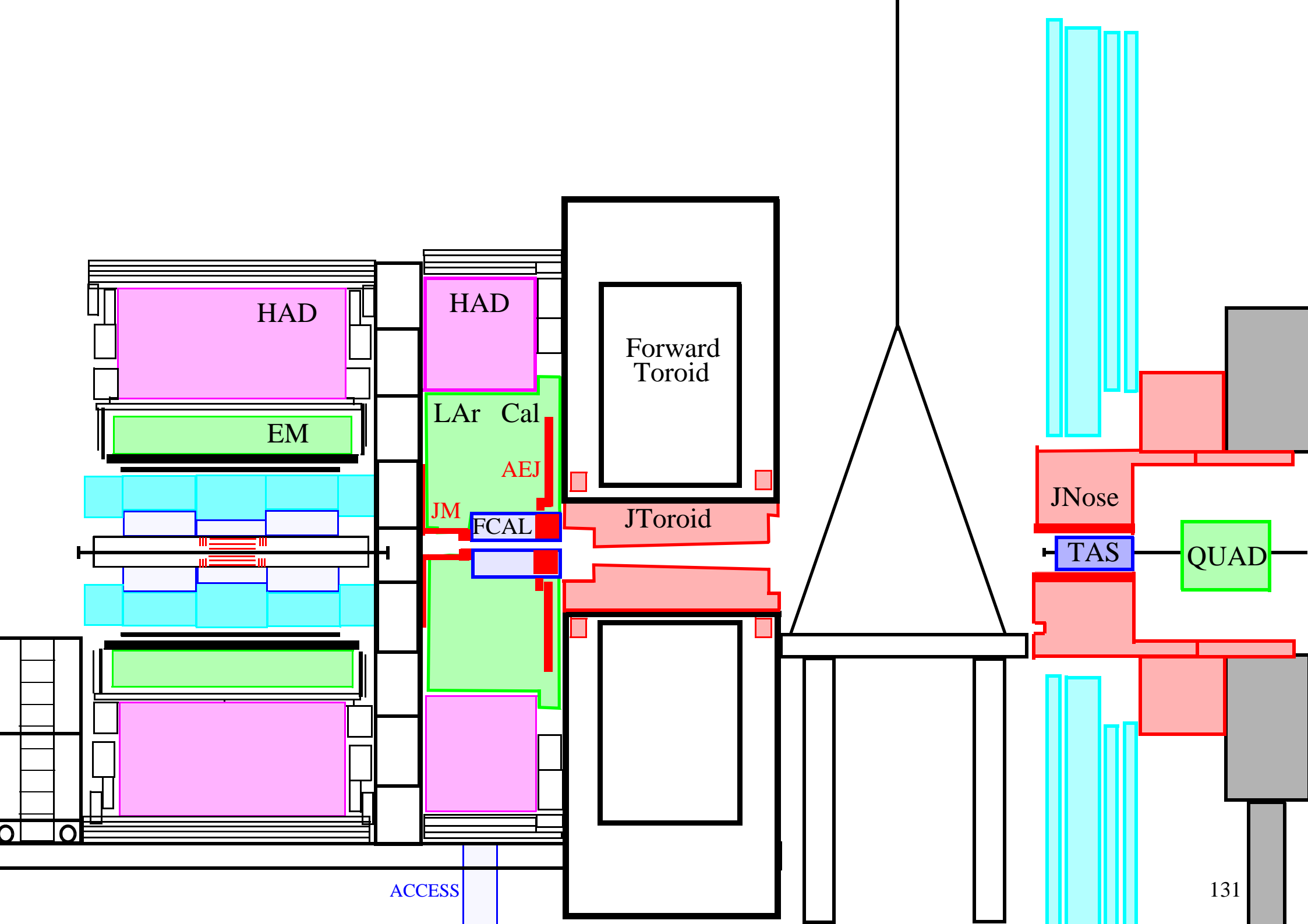




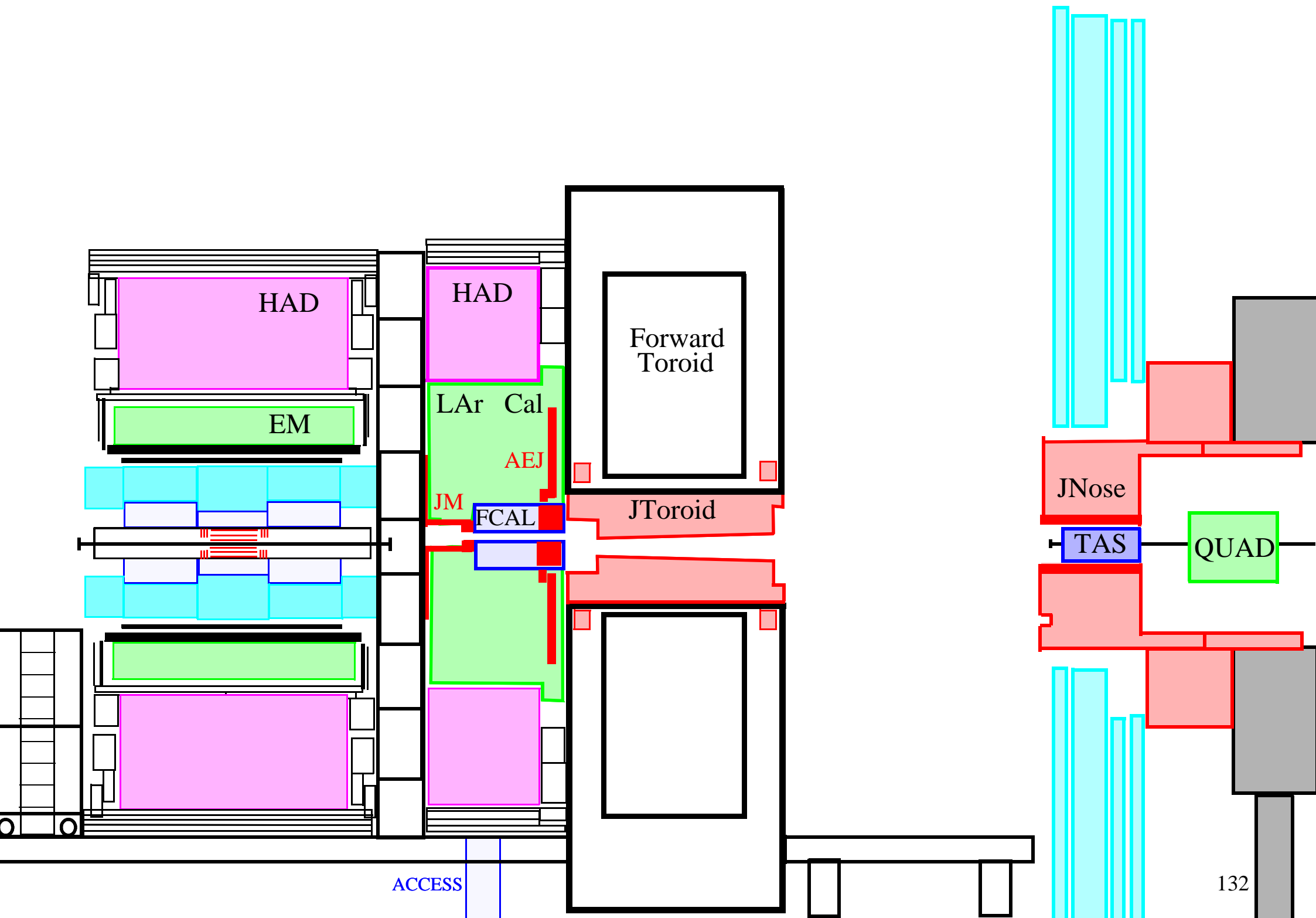
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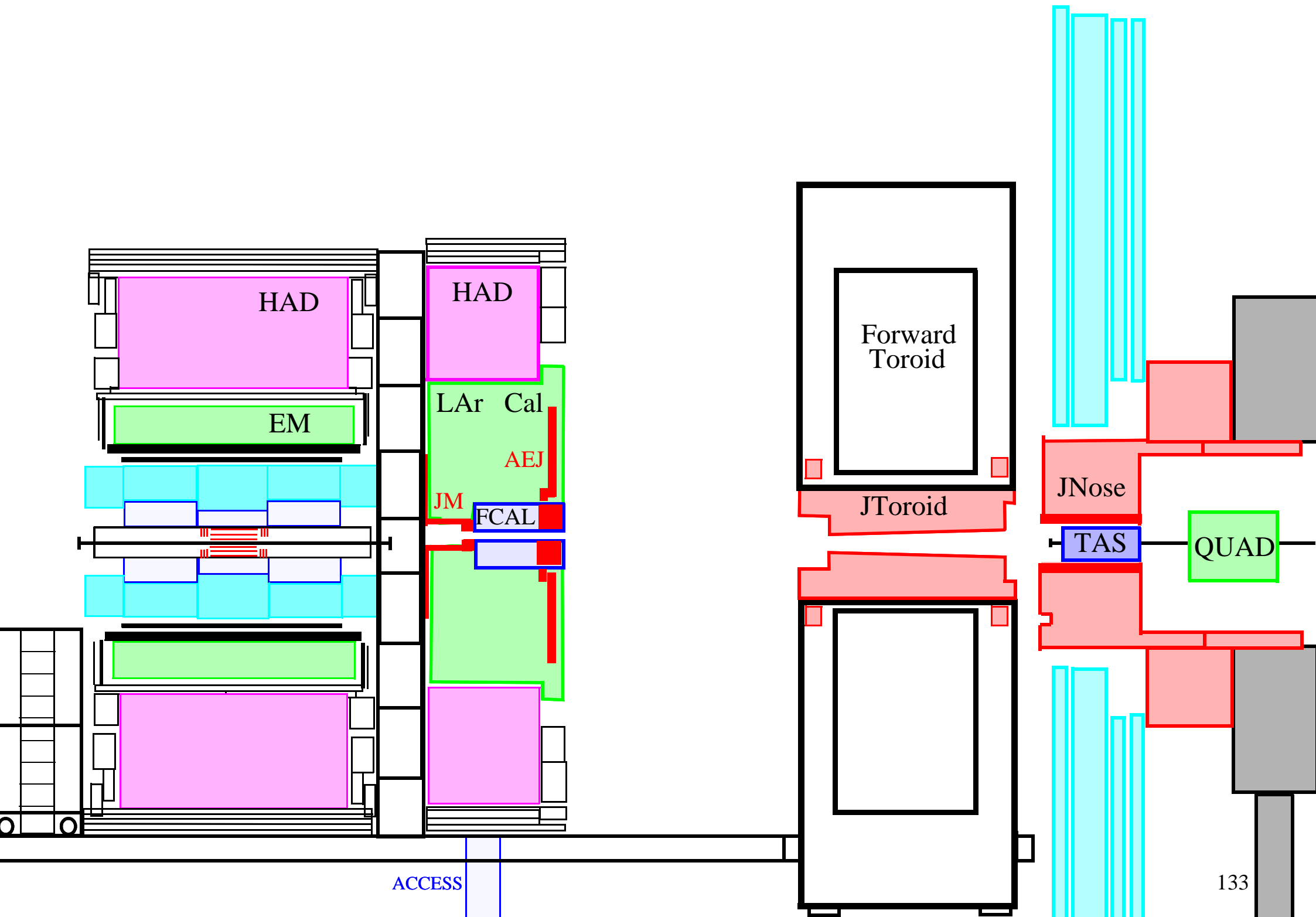


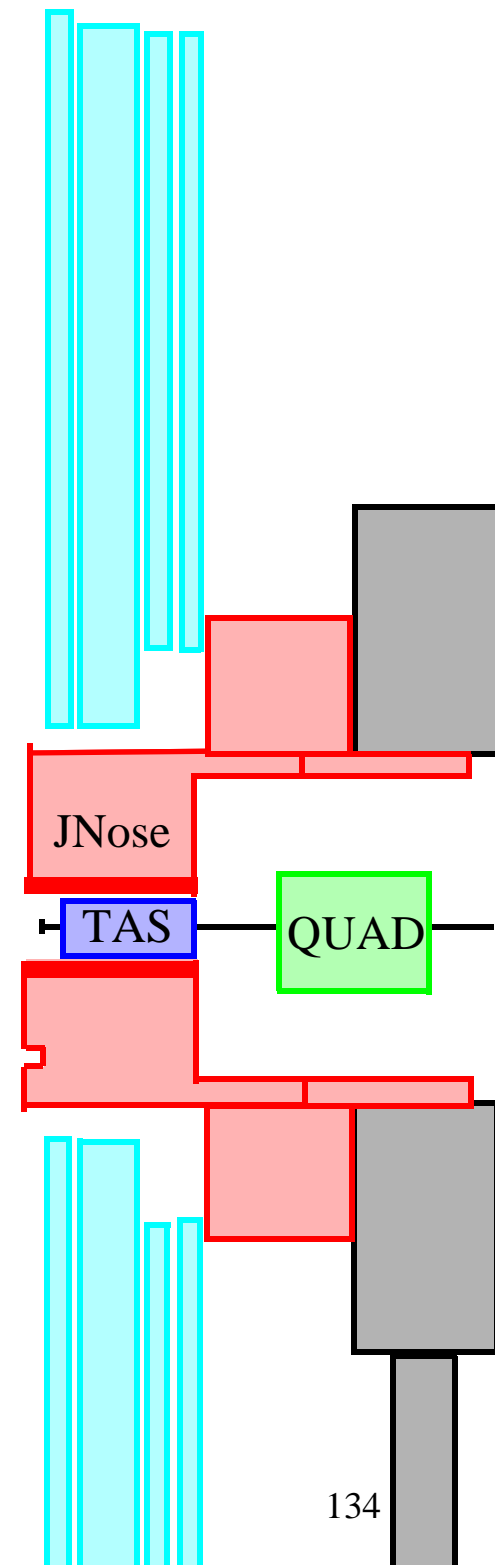
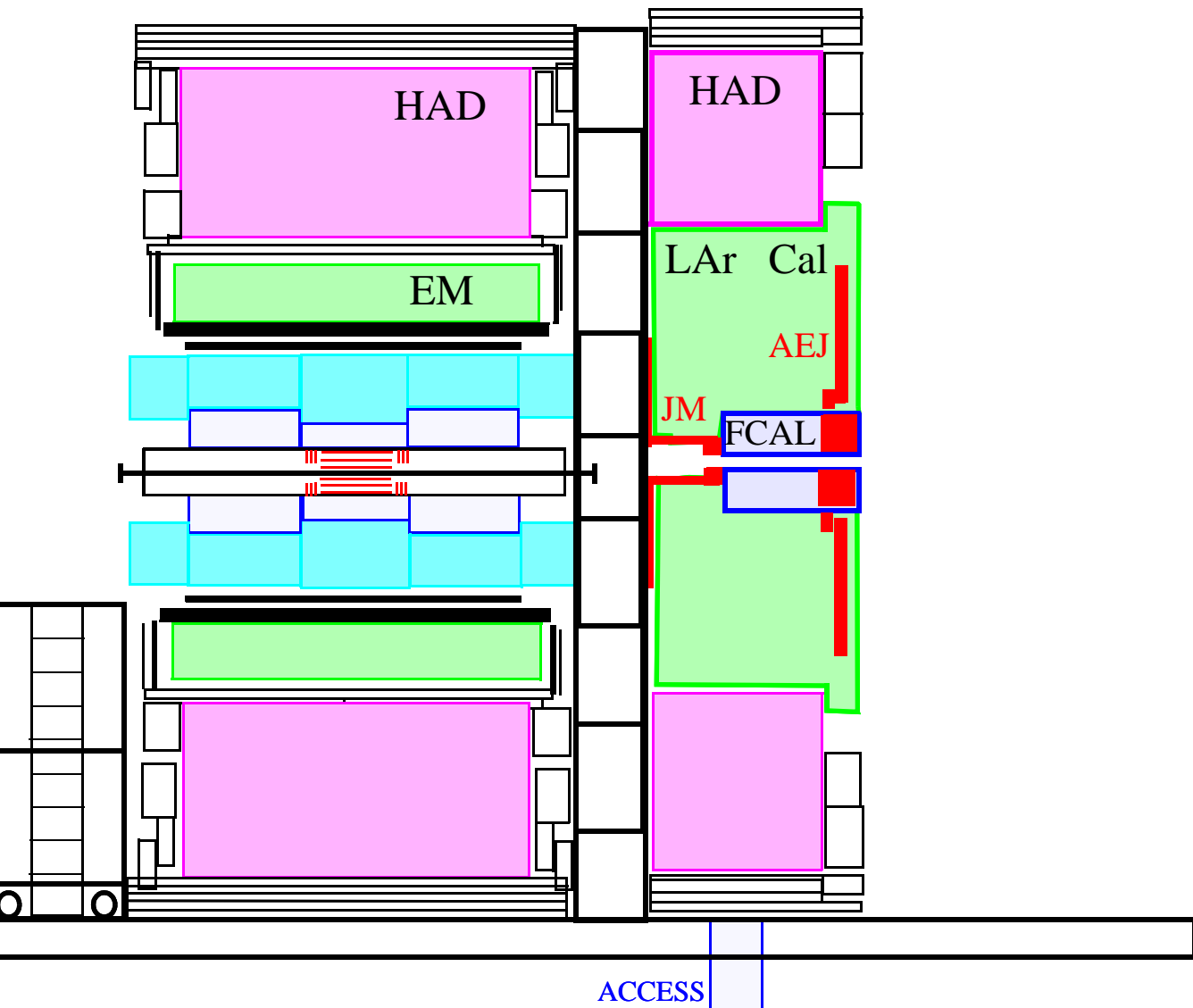
ACCESS

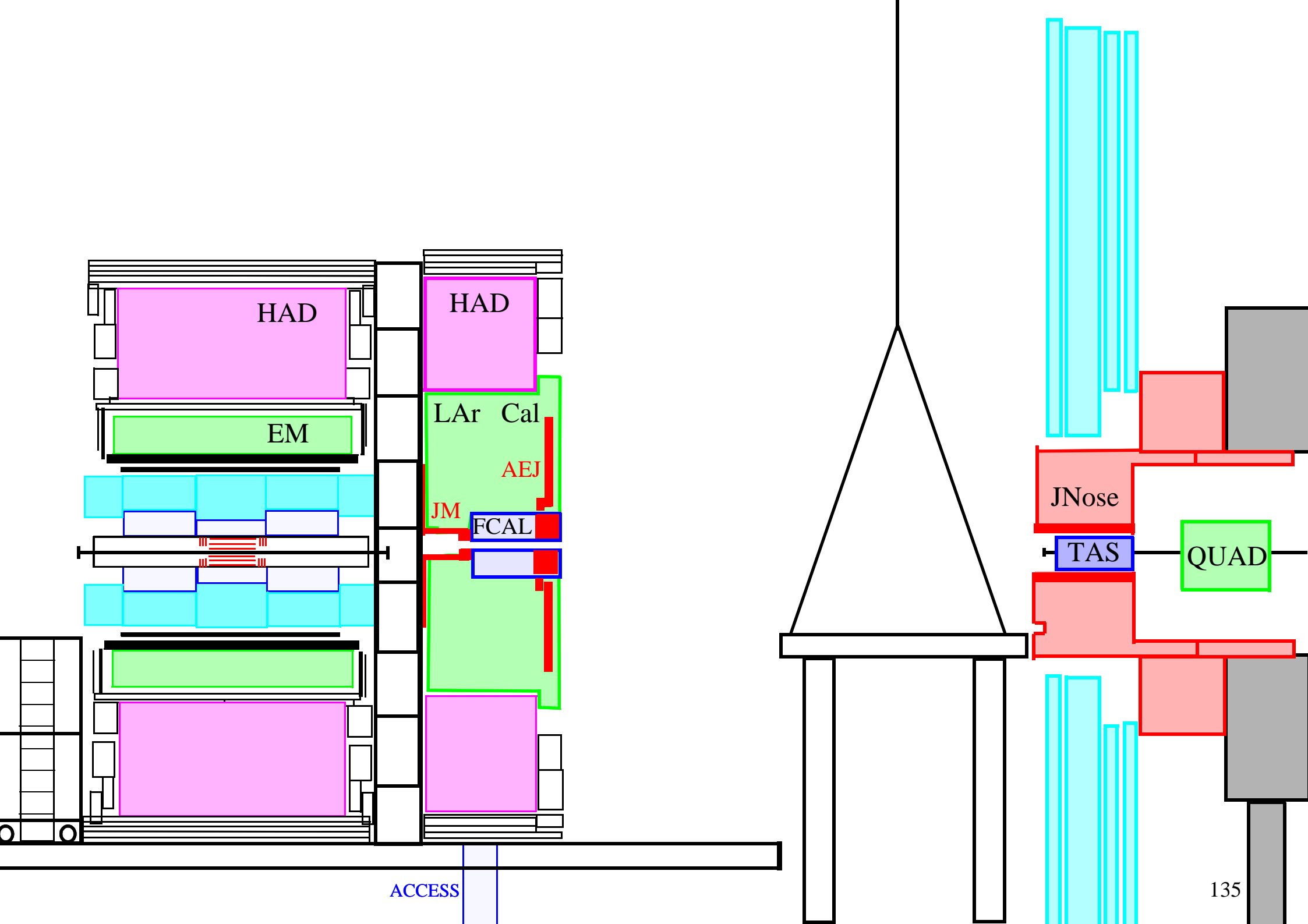


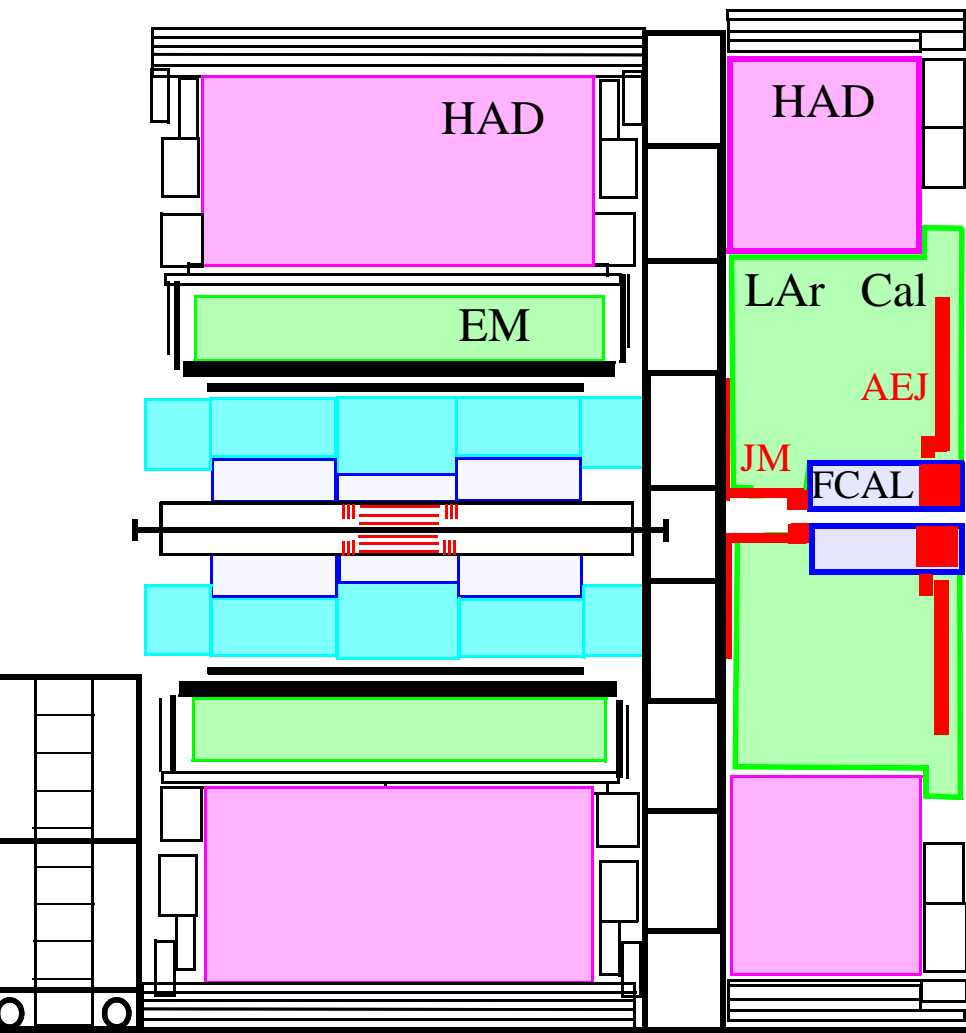
ACCESS



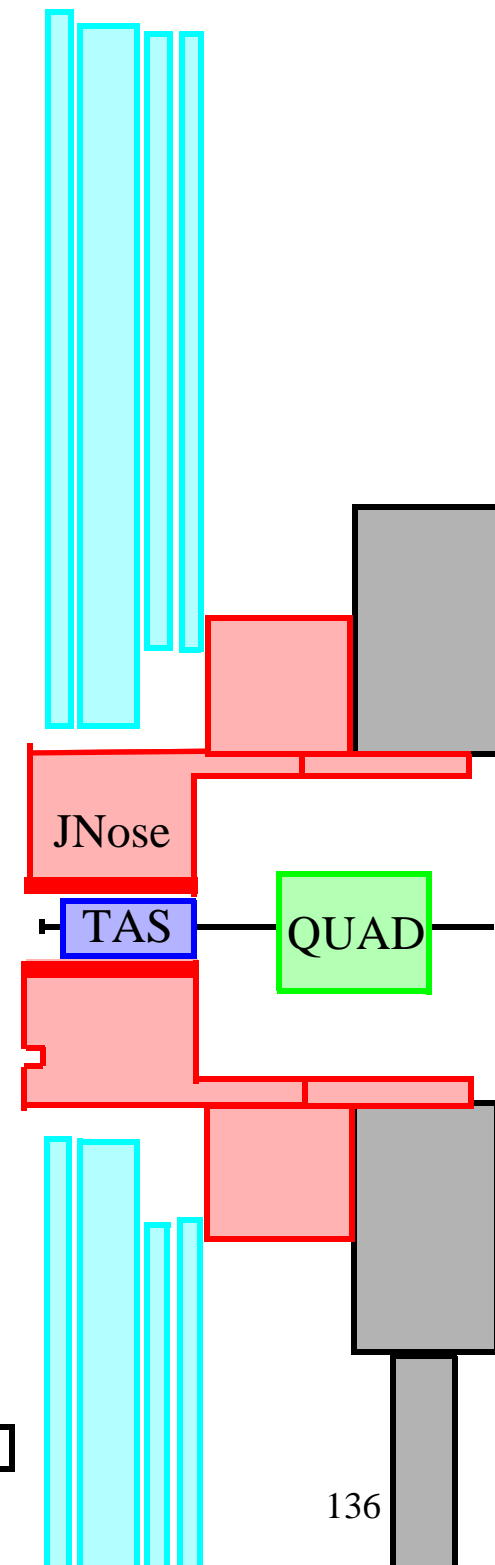


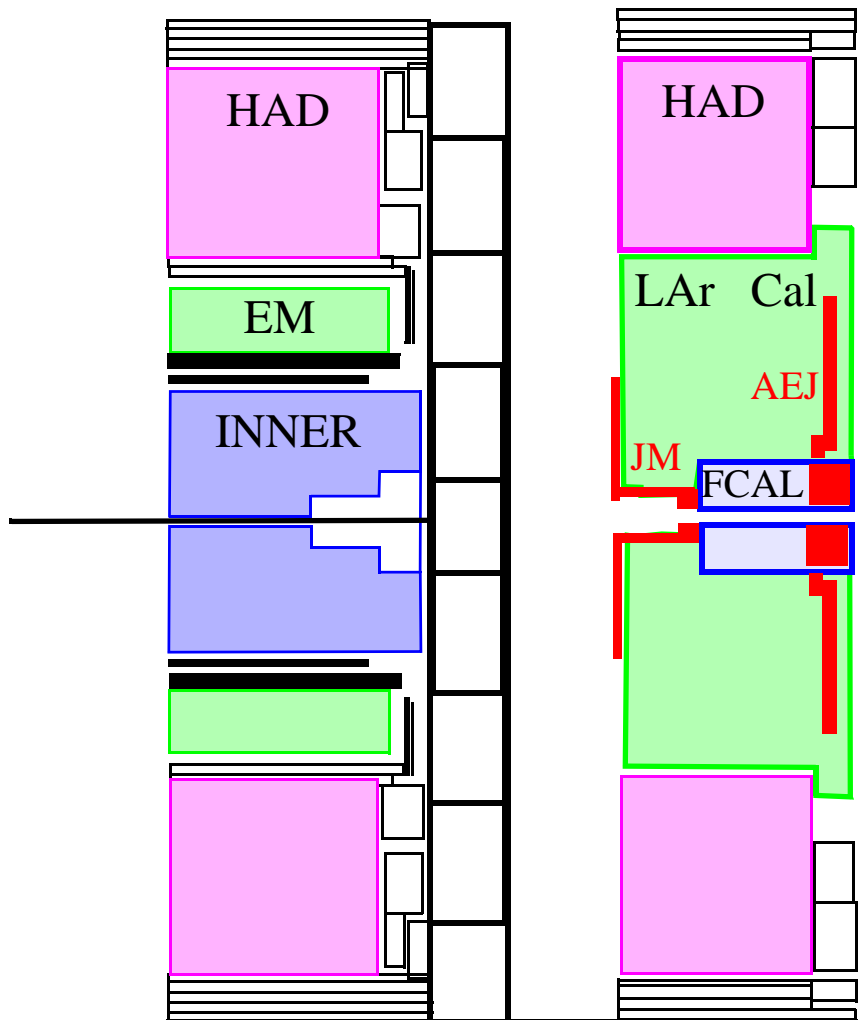




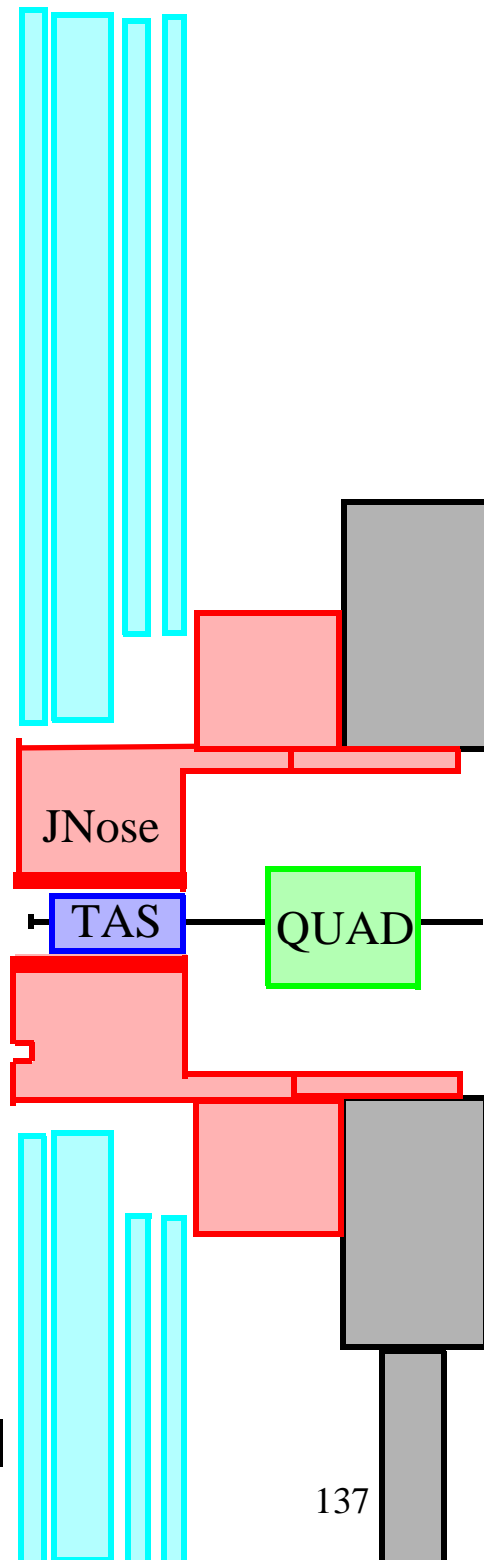


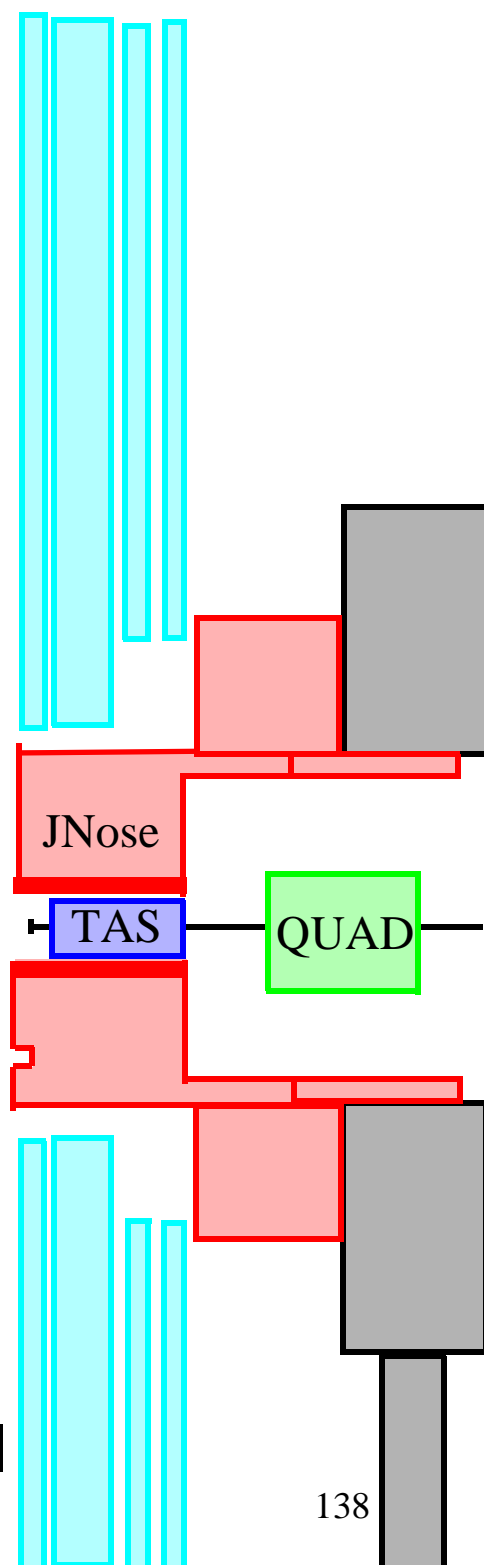
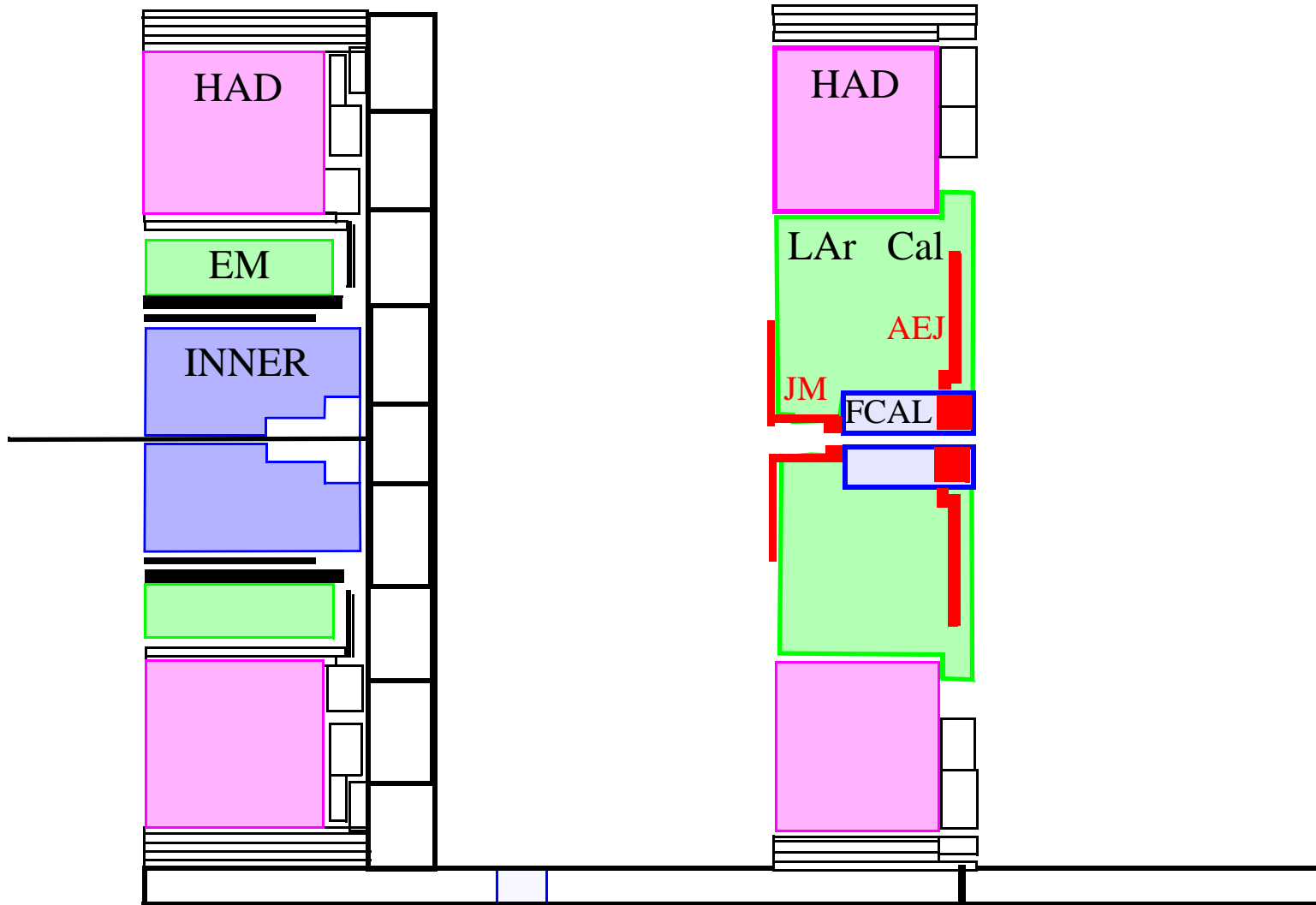
ACCESS

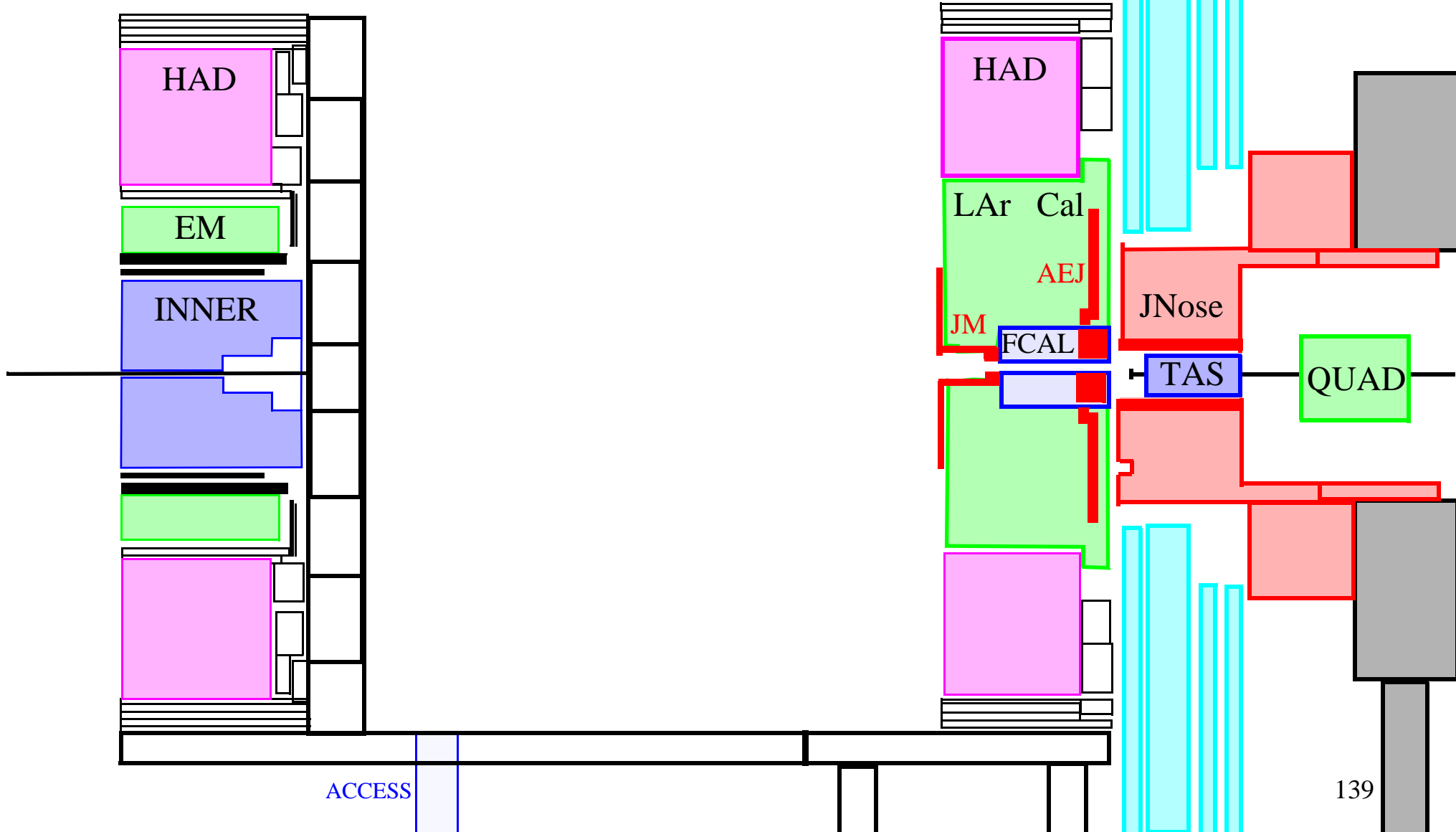




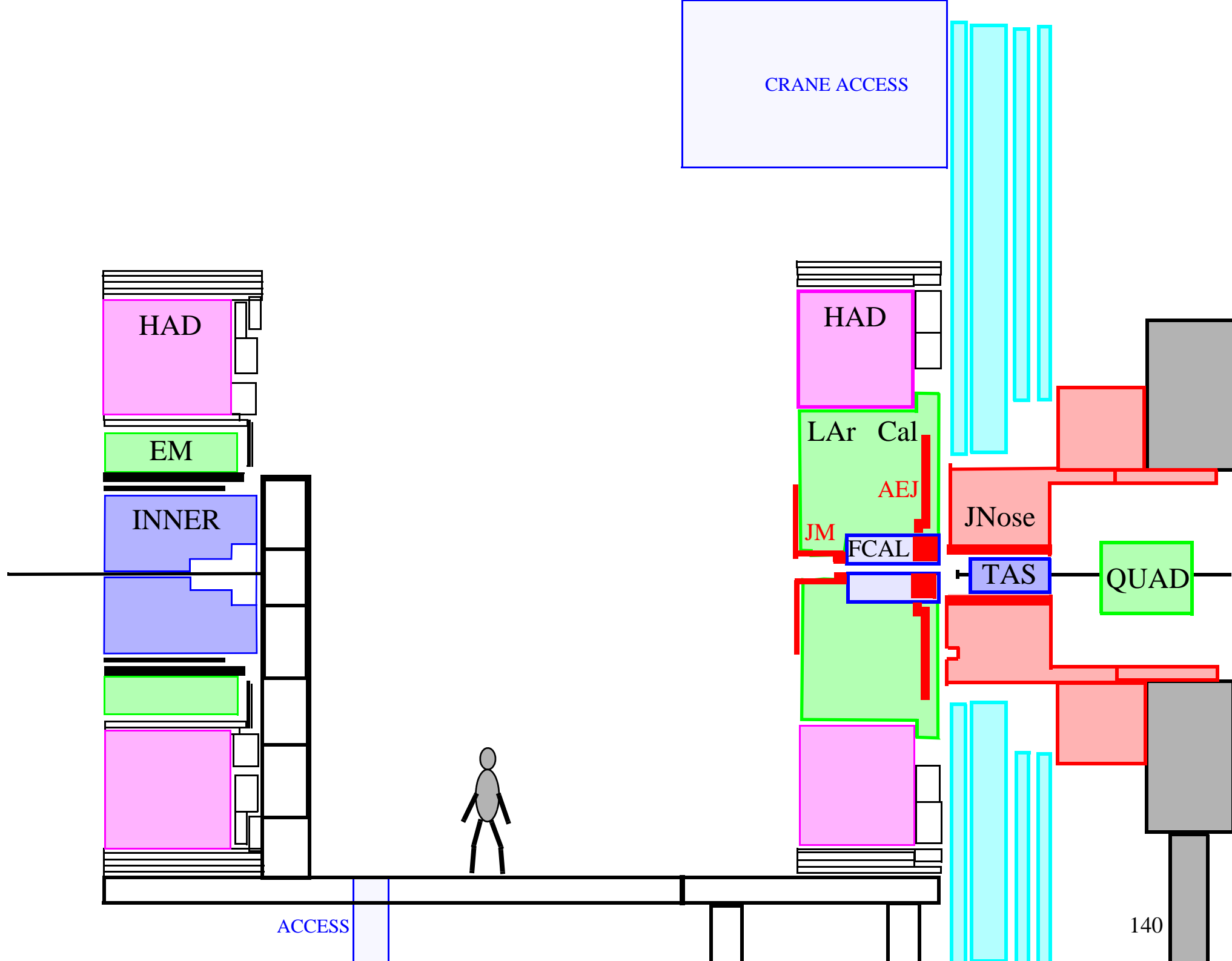
ACCESS







ACCESS



CRANE ACCESS

HAD

EM

INNER

HAD

LAr Cal

AEJ

JM

FCAL

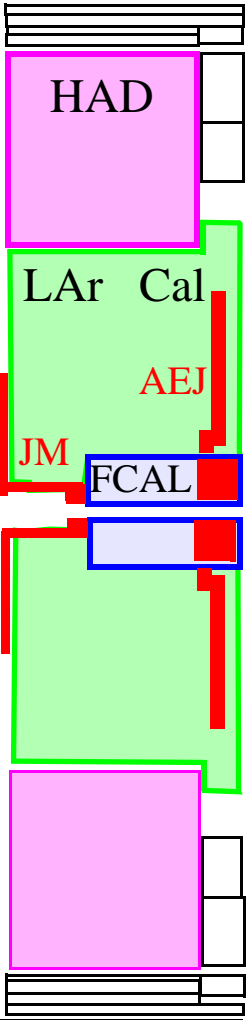
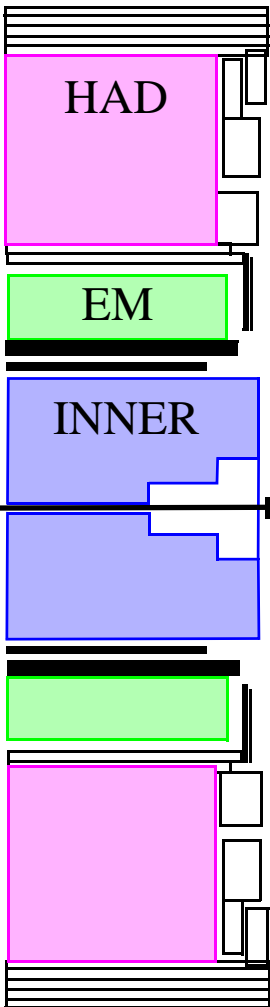
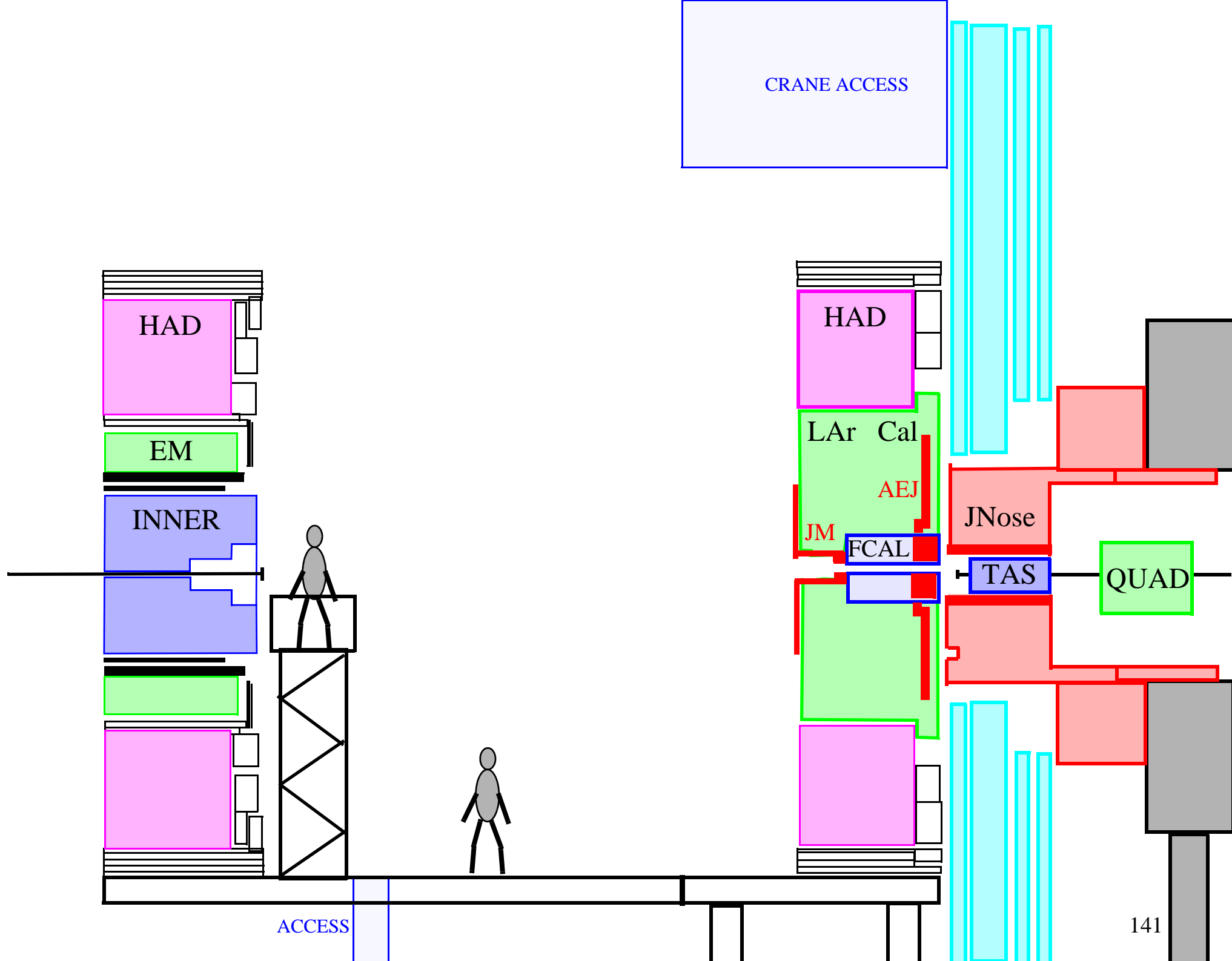
JNose

TAS

QUAD

ACCESS

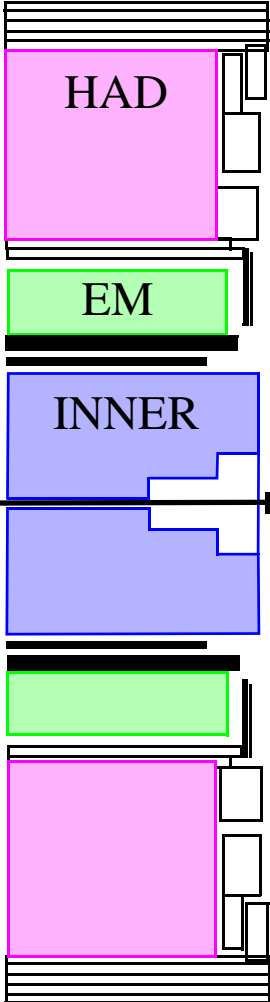
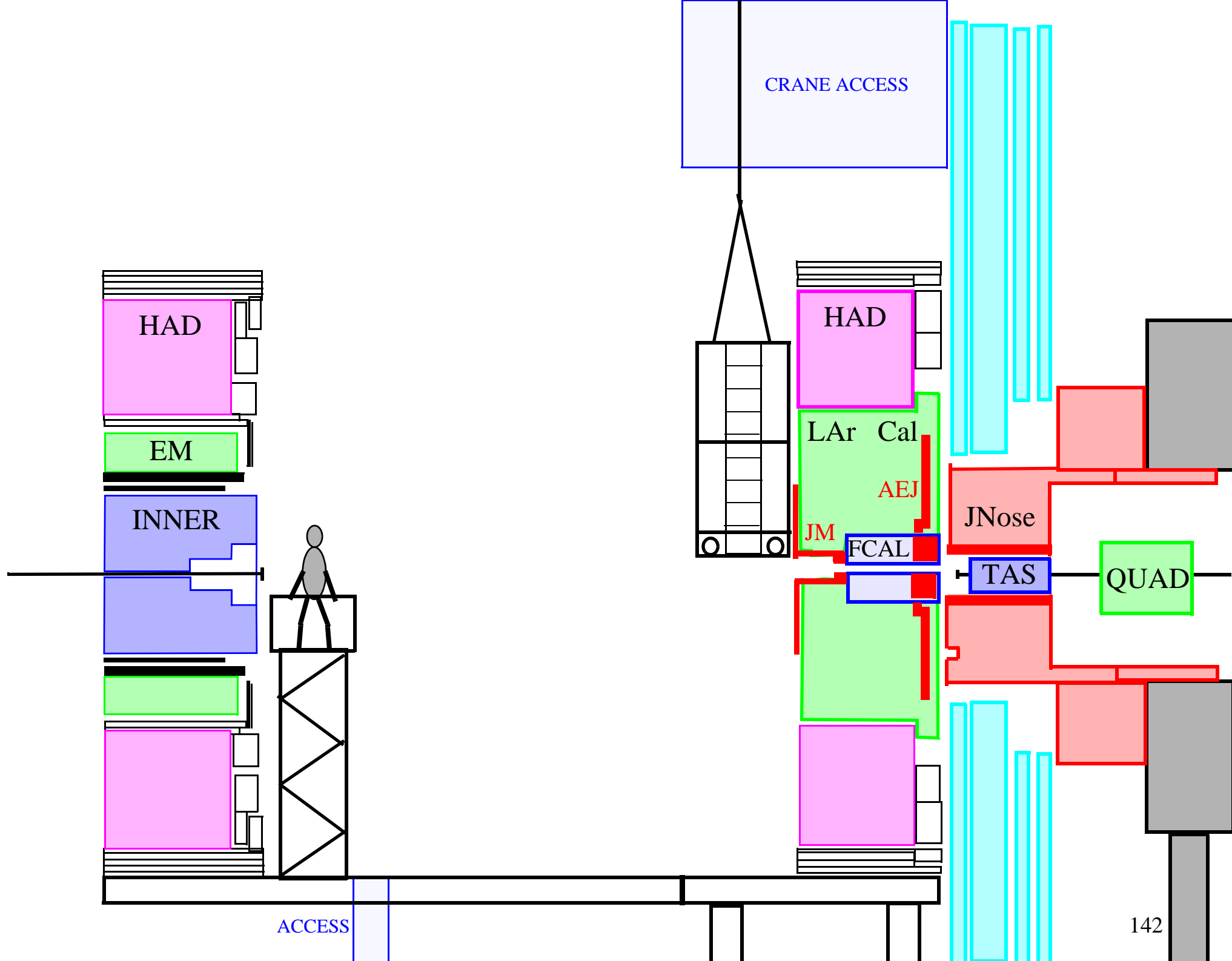
140



CRANE ACCESS

ACCESS

QUAD



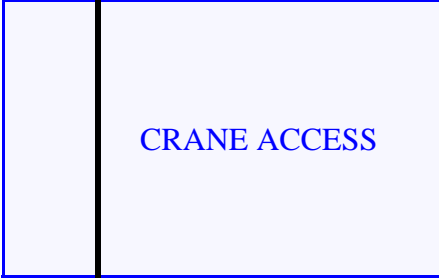
HAD

EM

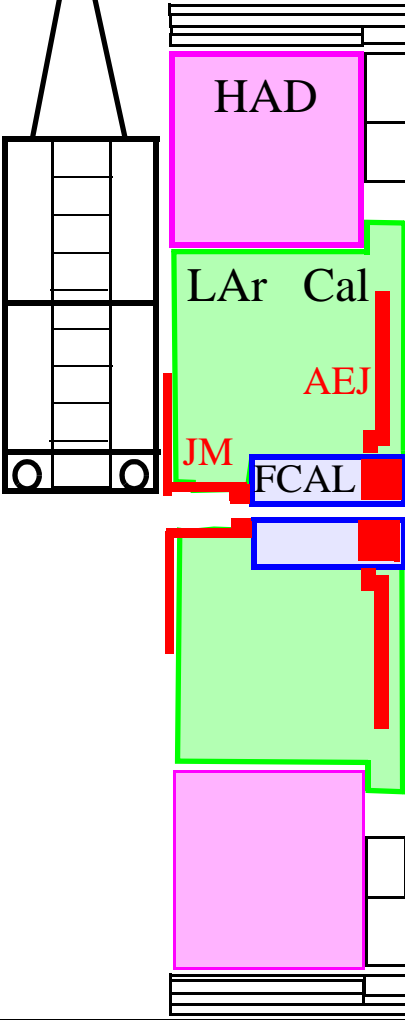
INNER

HAD

ACCESS



CRANE ACCESS



HAD

LAr Cal

HAD

AEJ

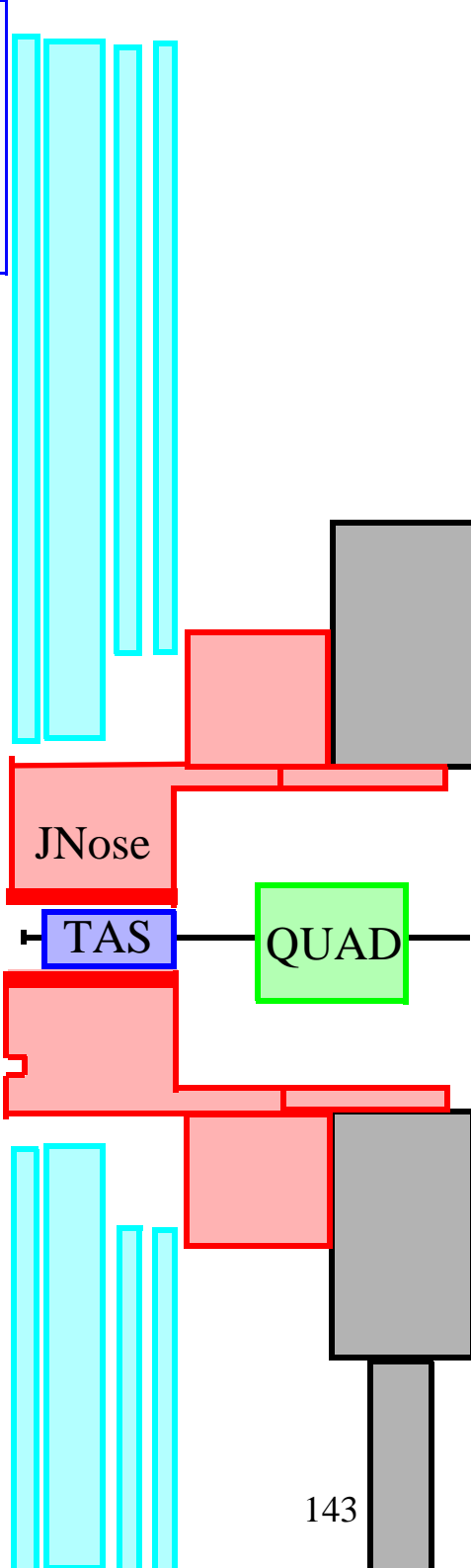
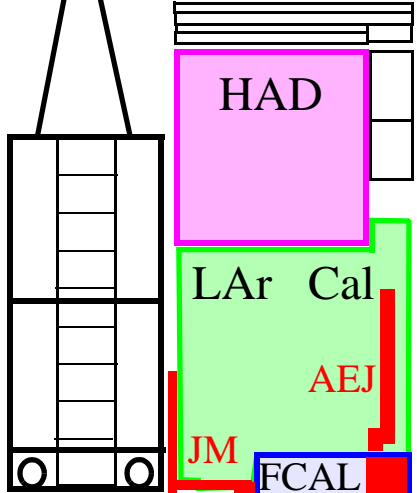
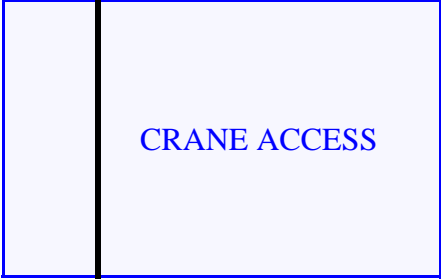
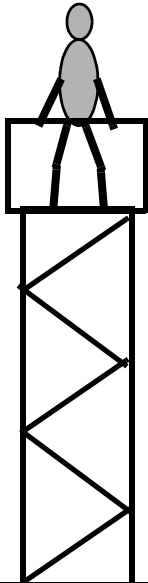
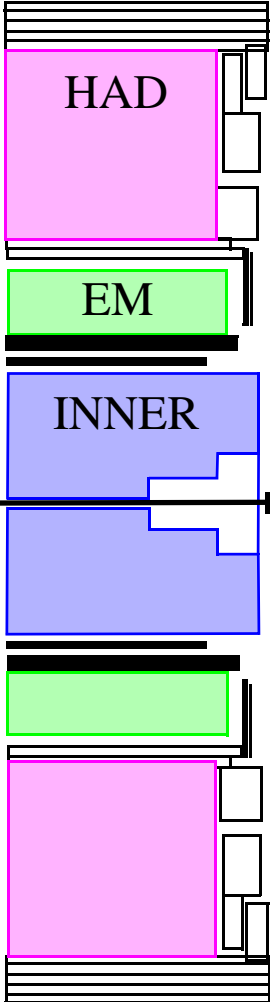
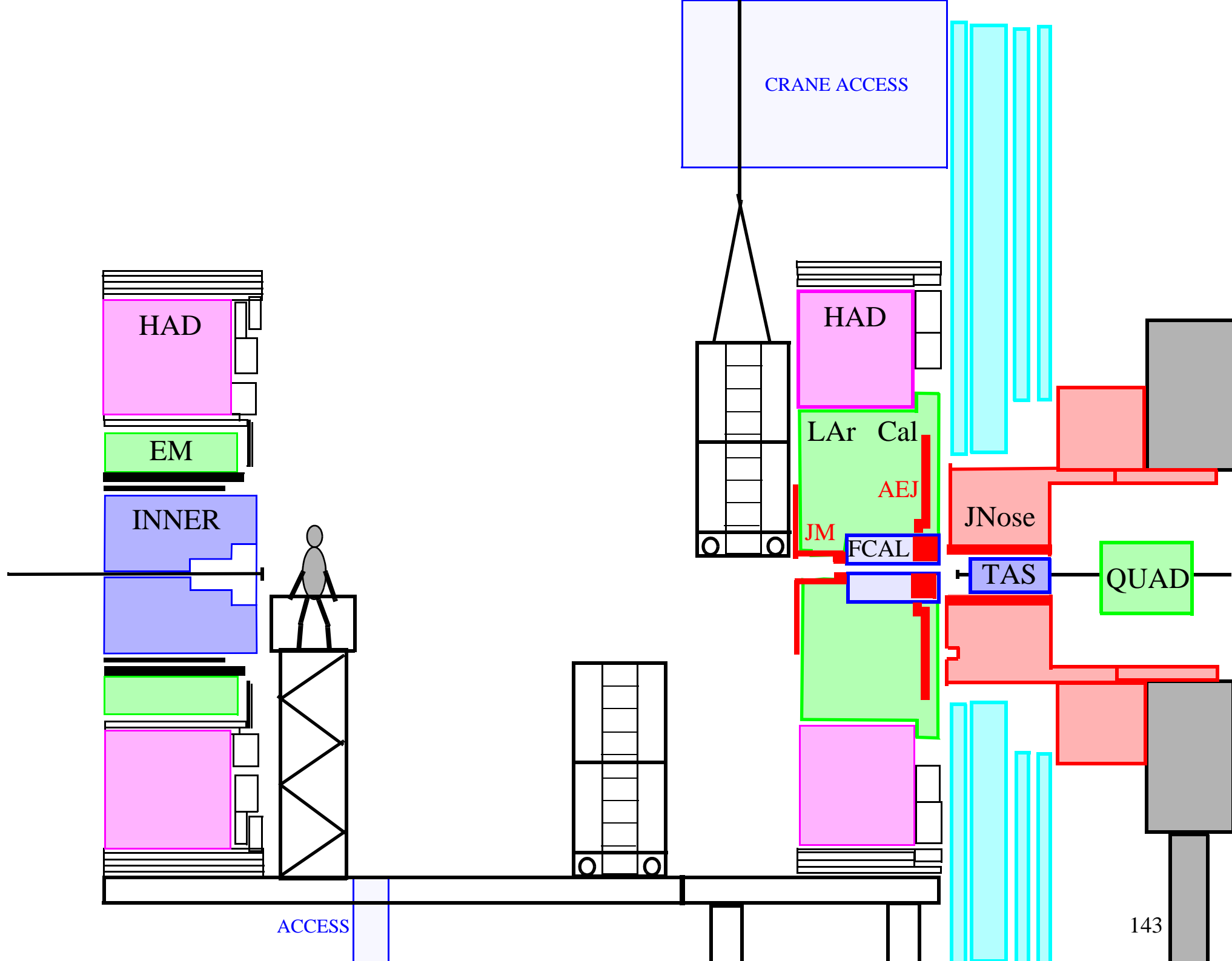
JM

FCAL

JNose

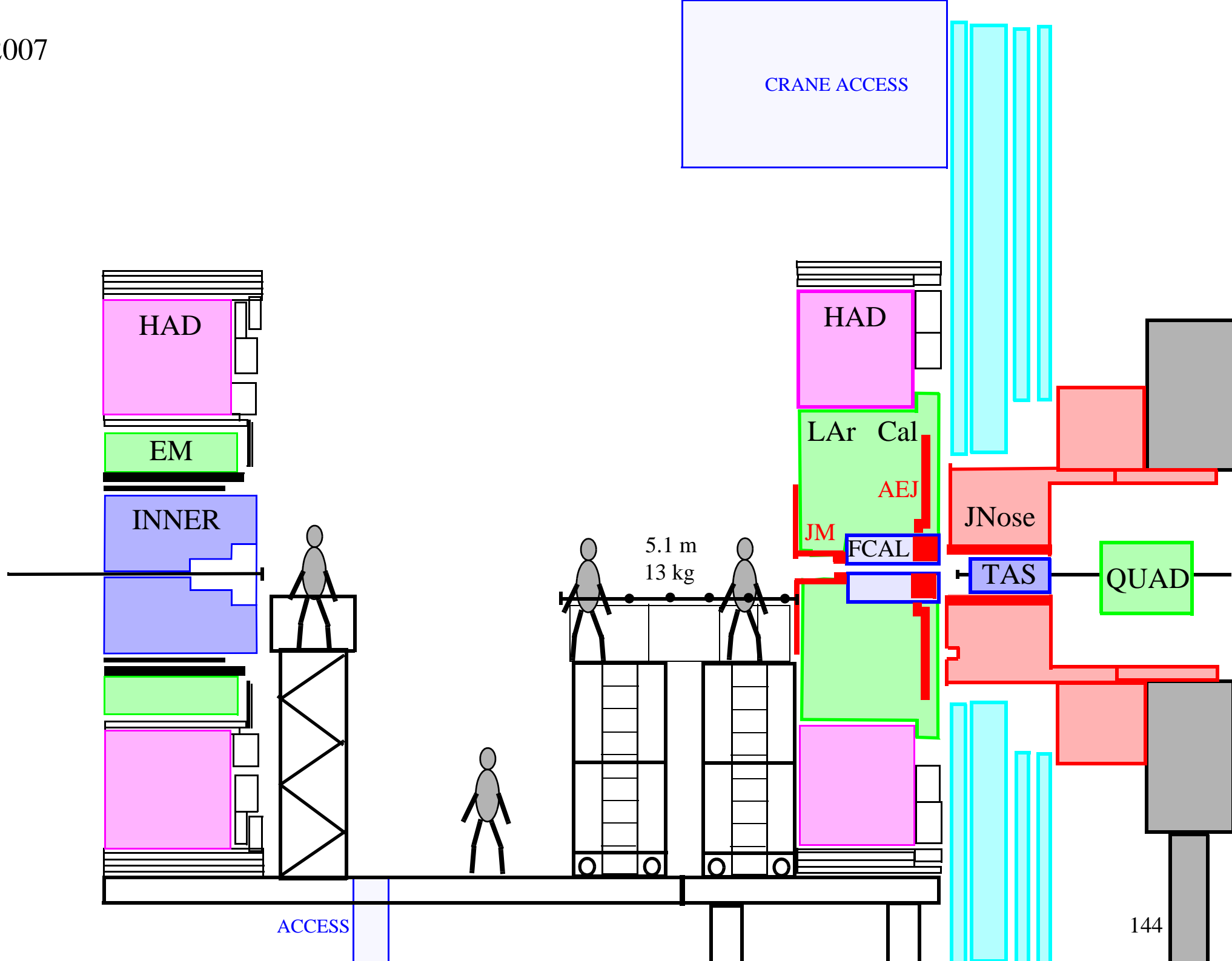
TAS

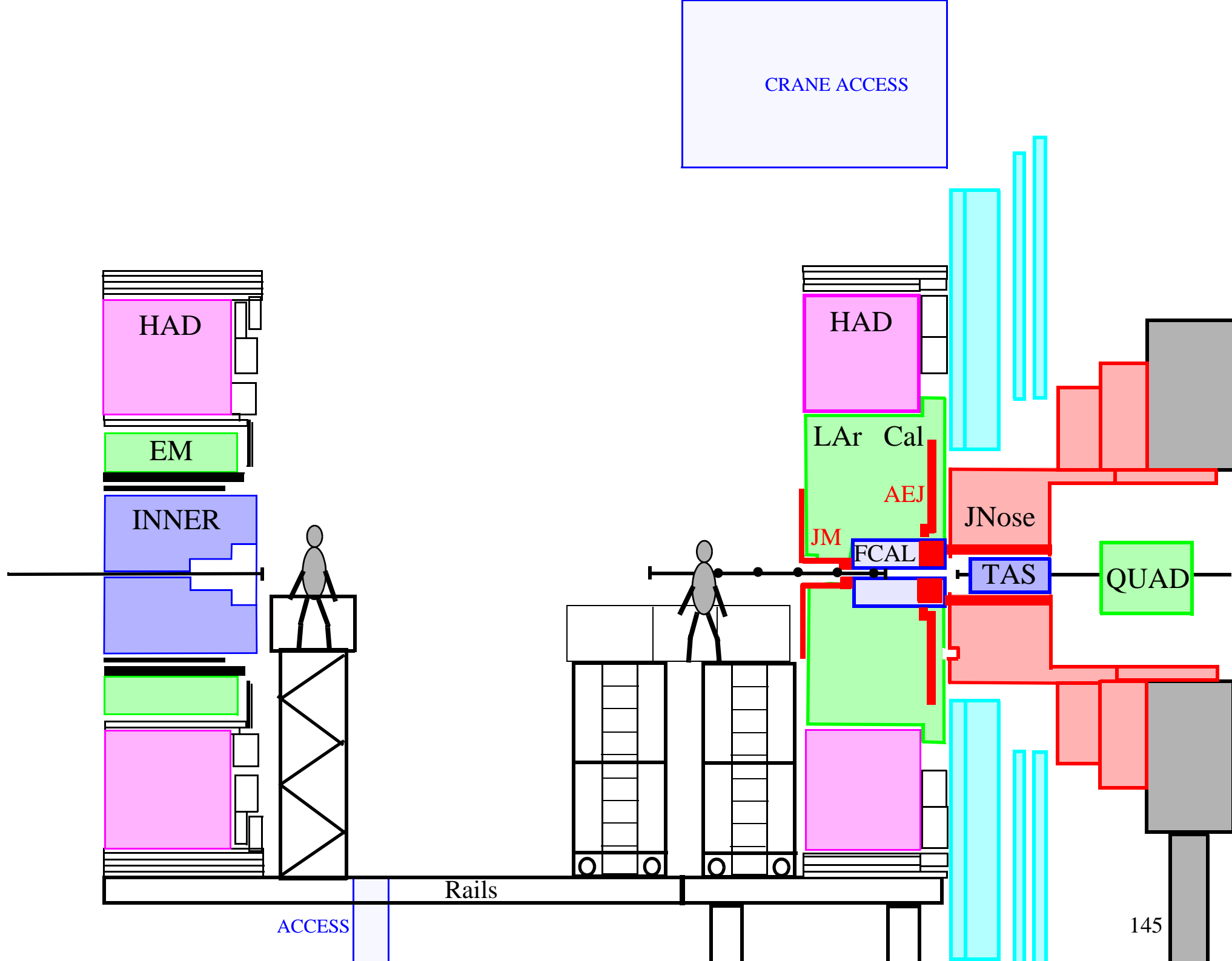
QUAD

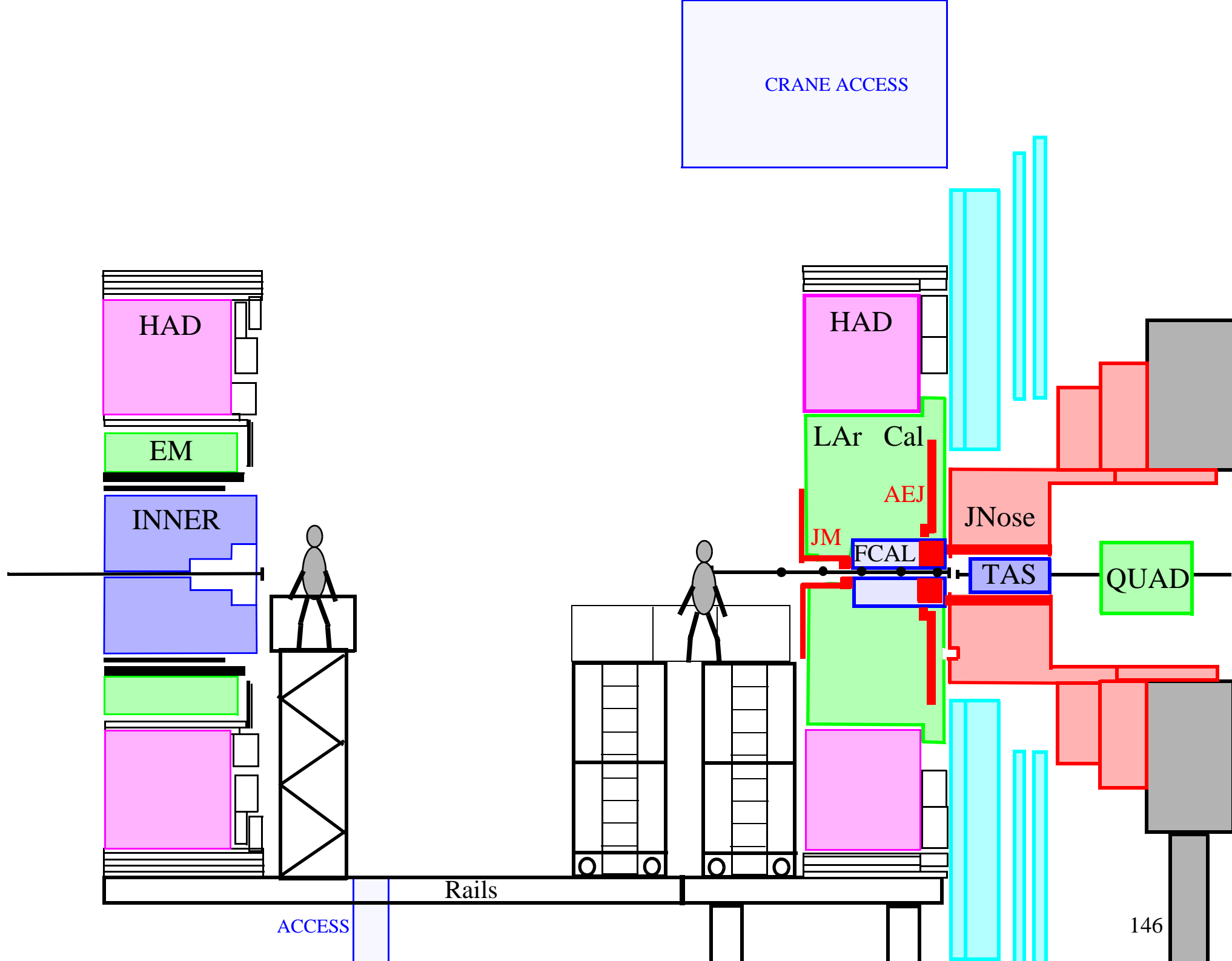


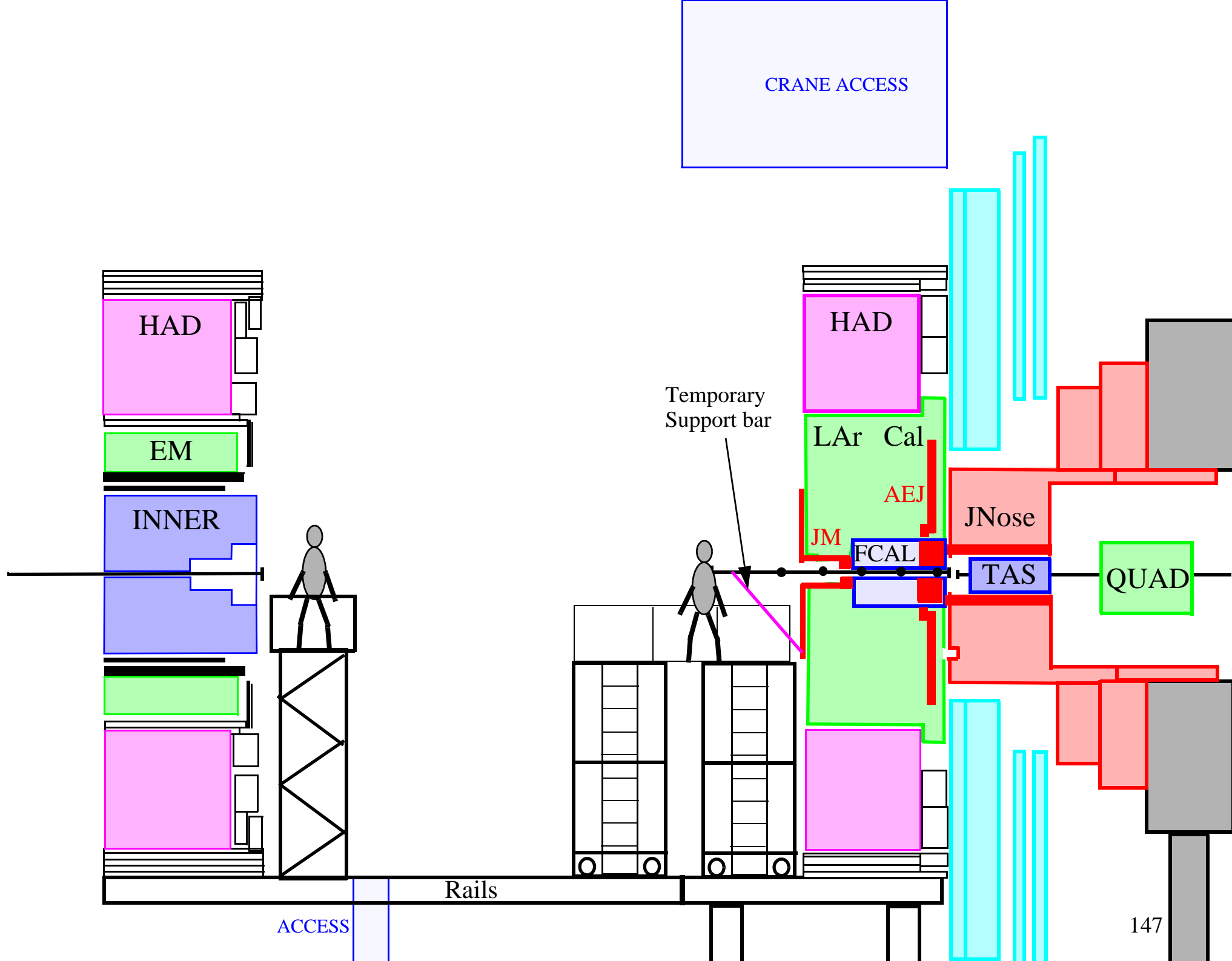
ACCESS

April 2007









CRANE ACCESS

HAD

EM

INNER

Temporary Support bar

HAD

LAr Cal

AEJ

JM

FCAL

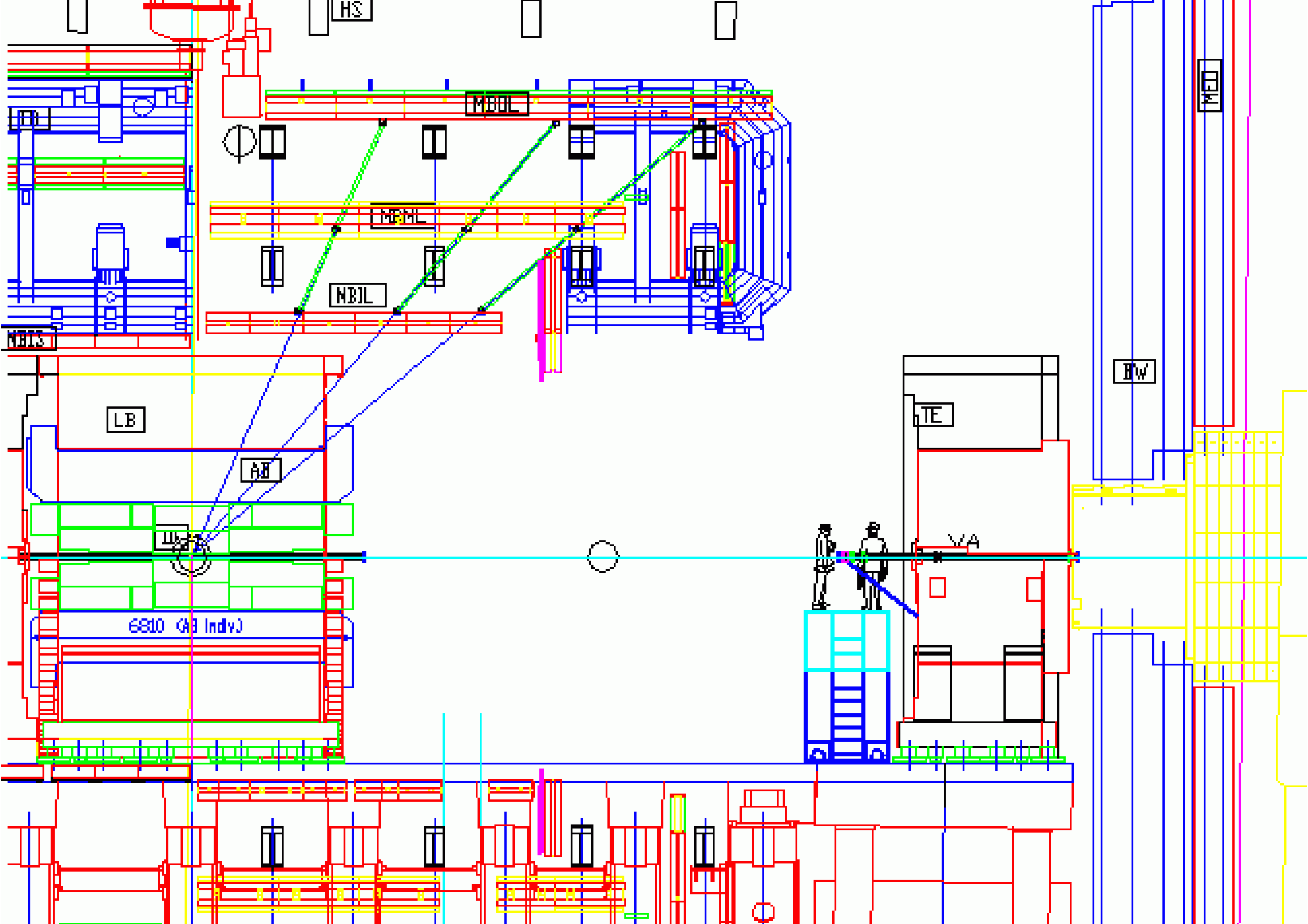
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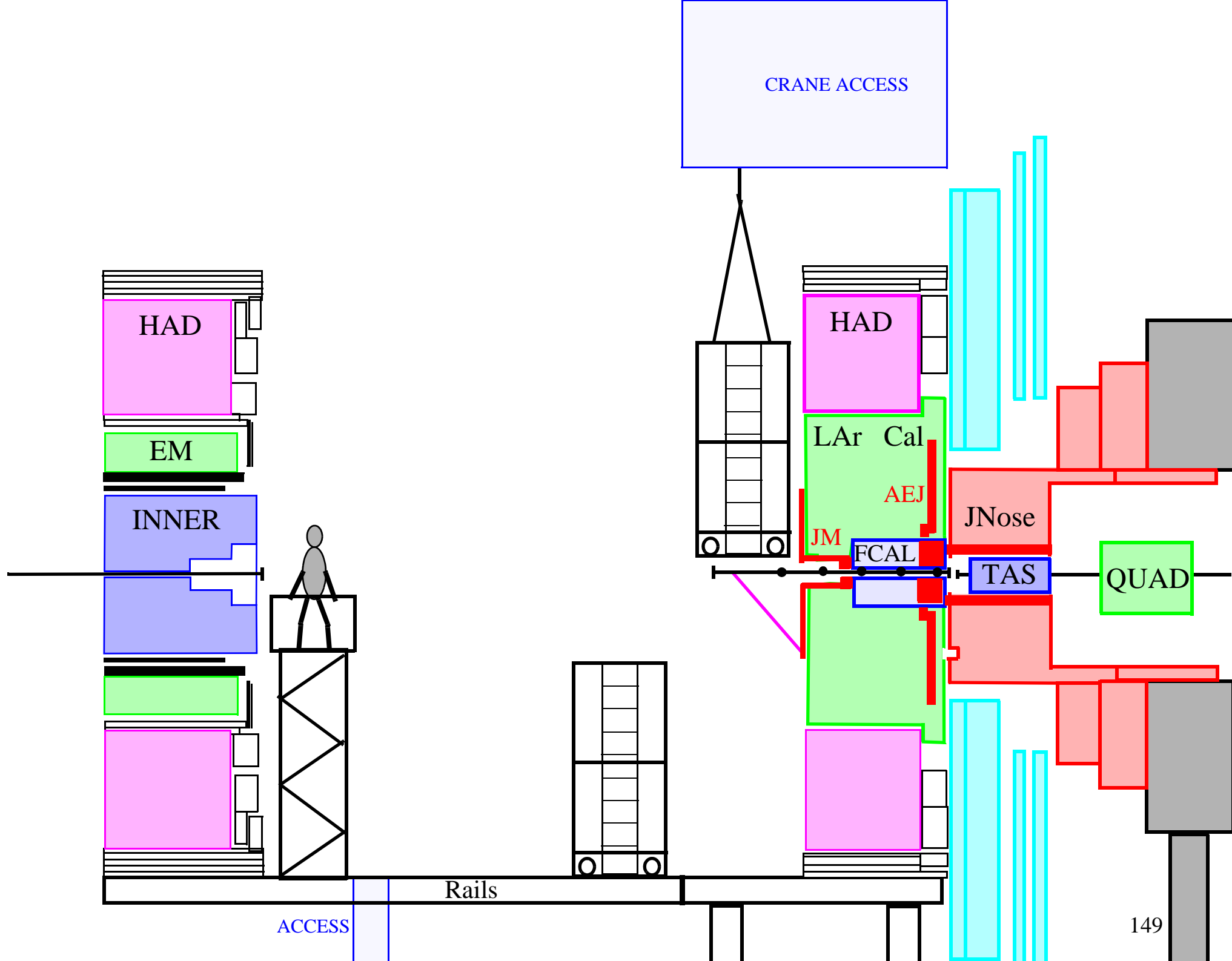
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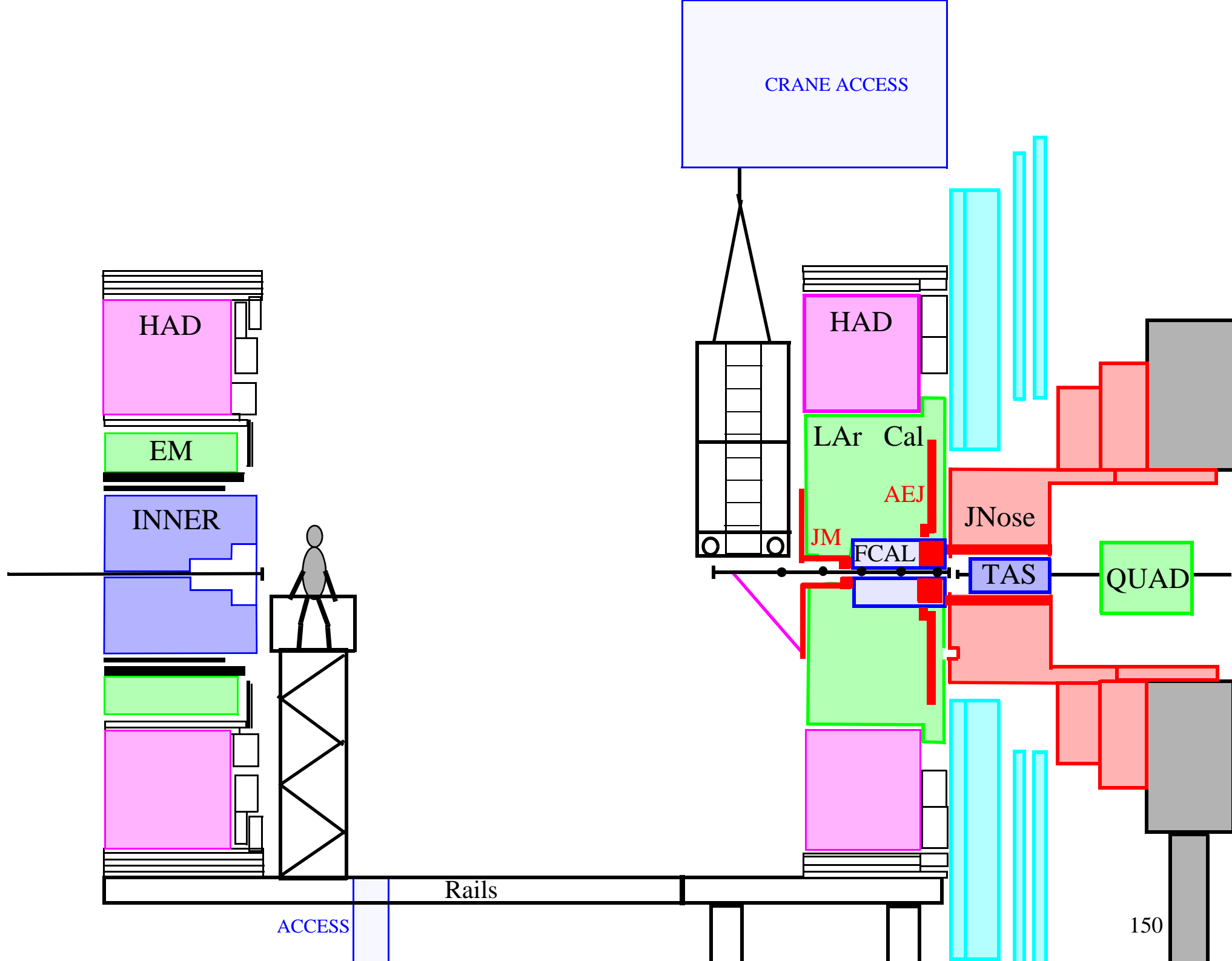
QUAD

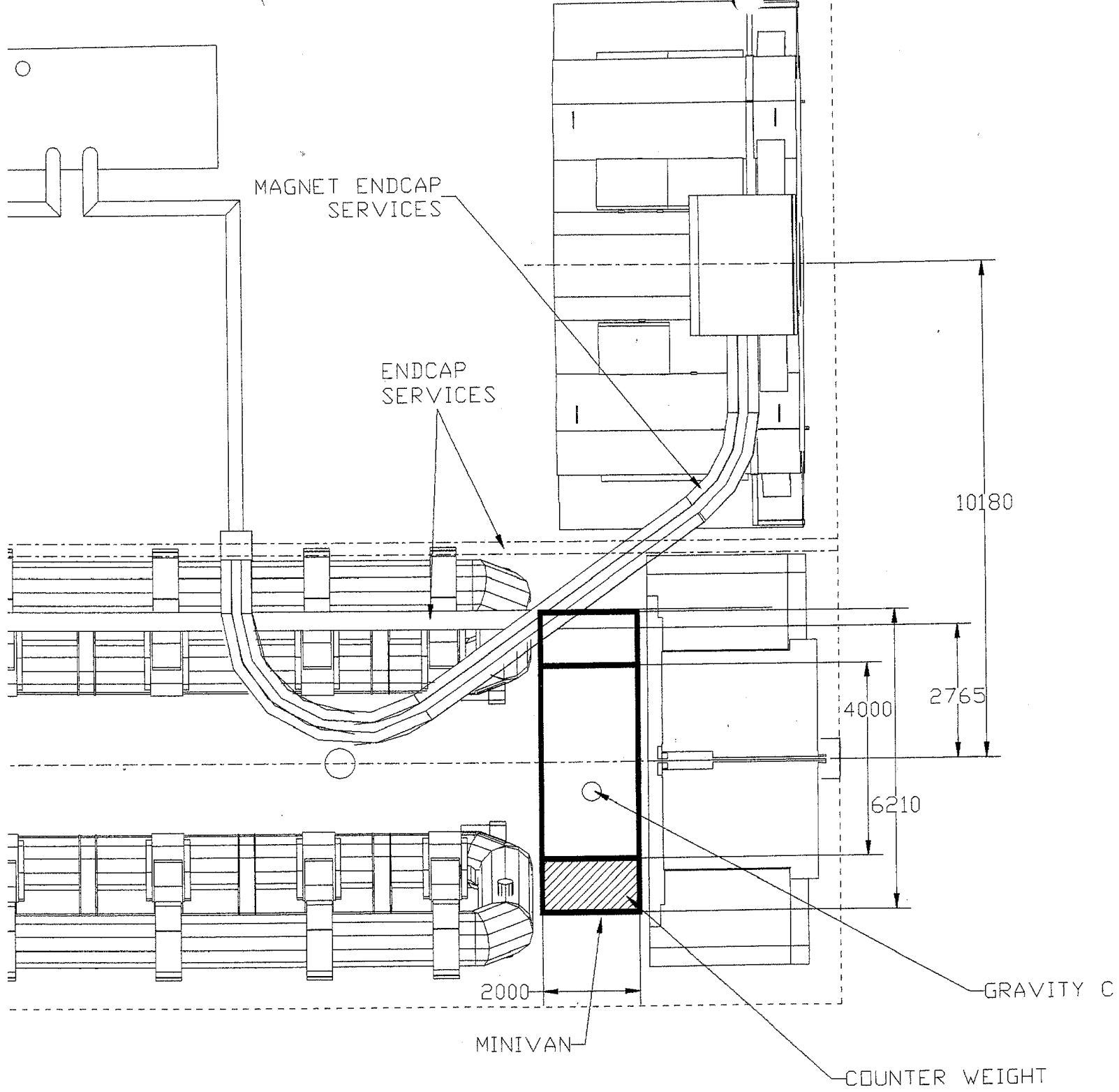
Rails

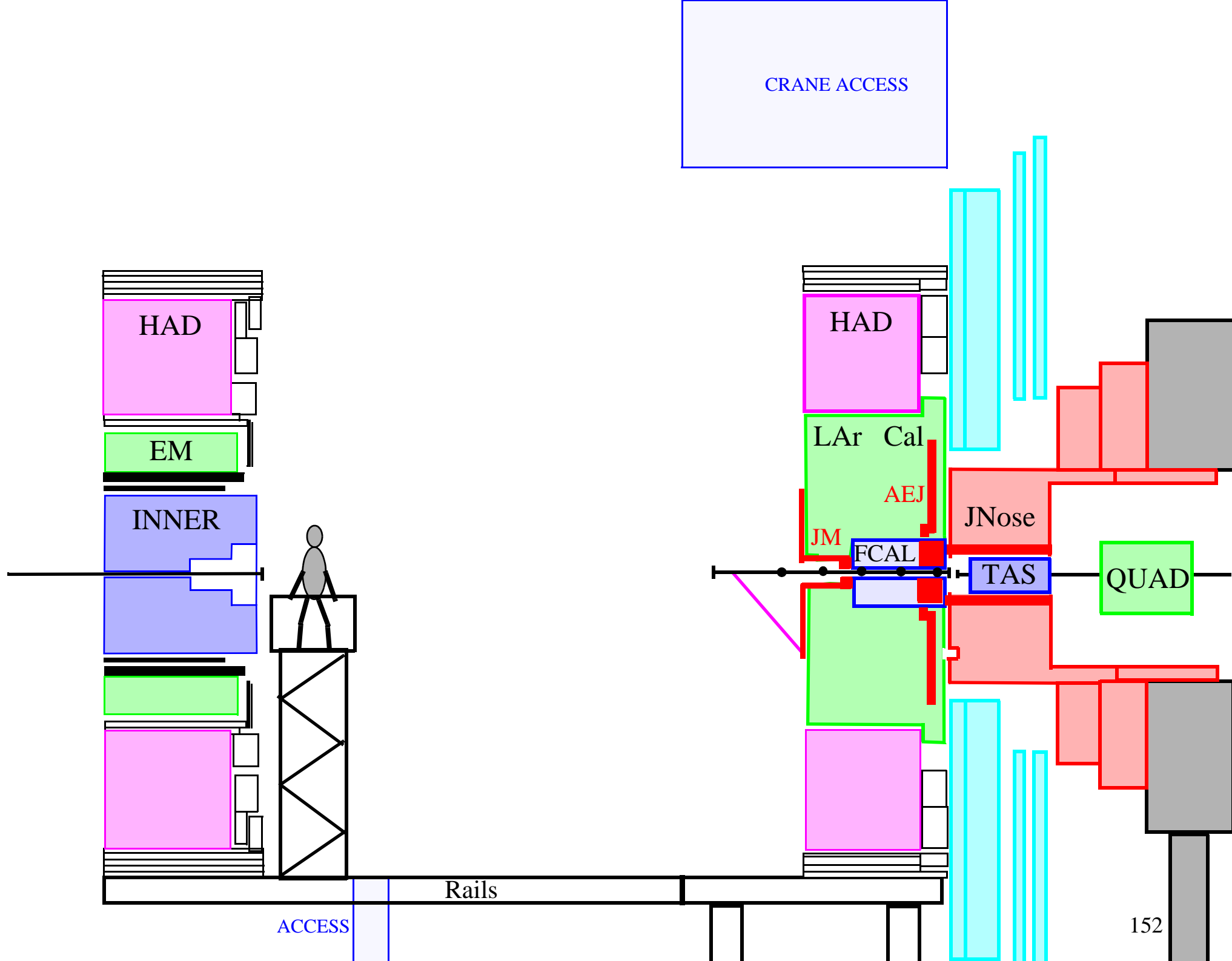
ACCESS

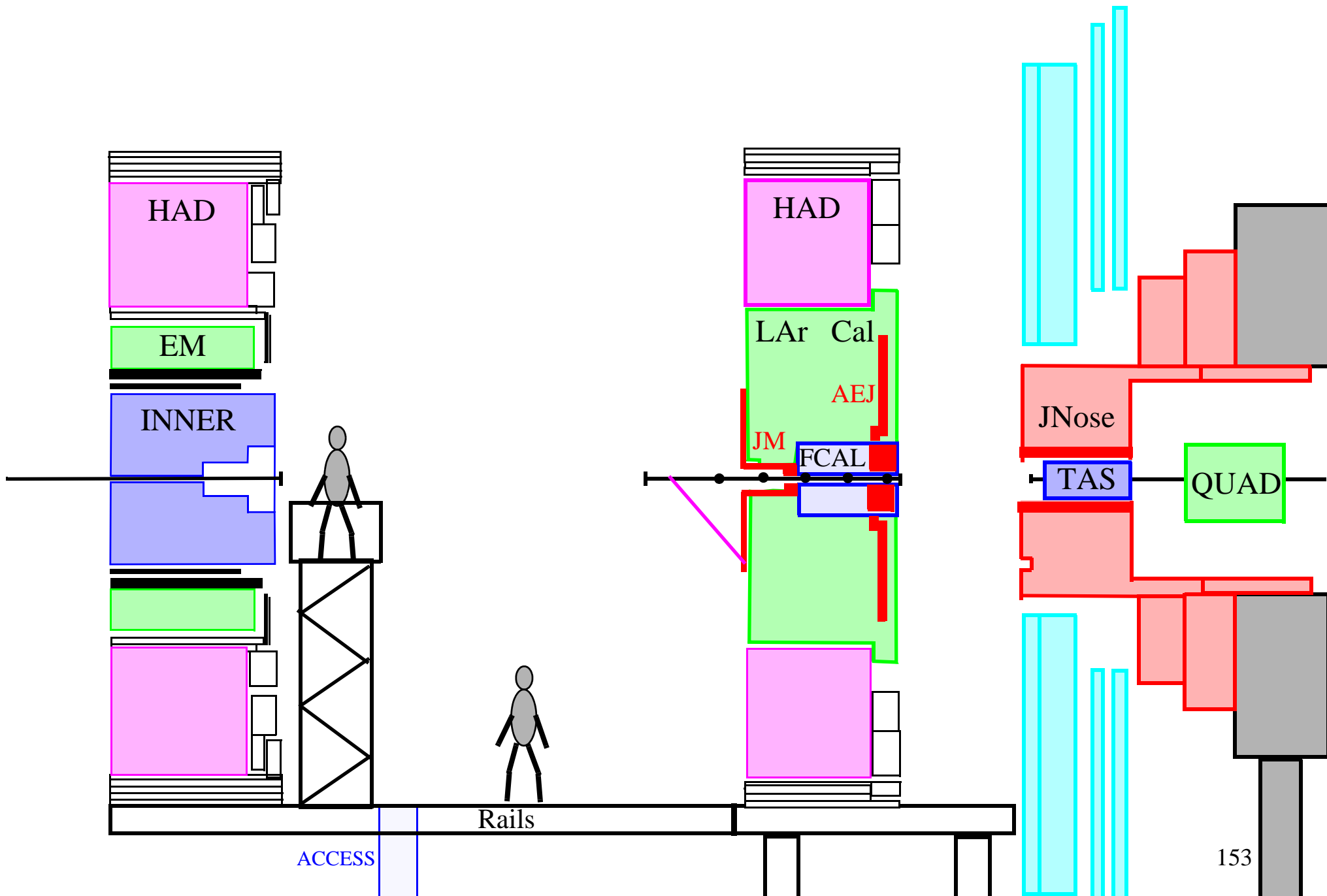


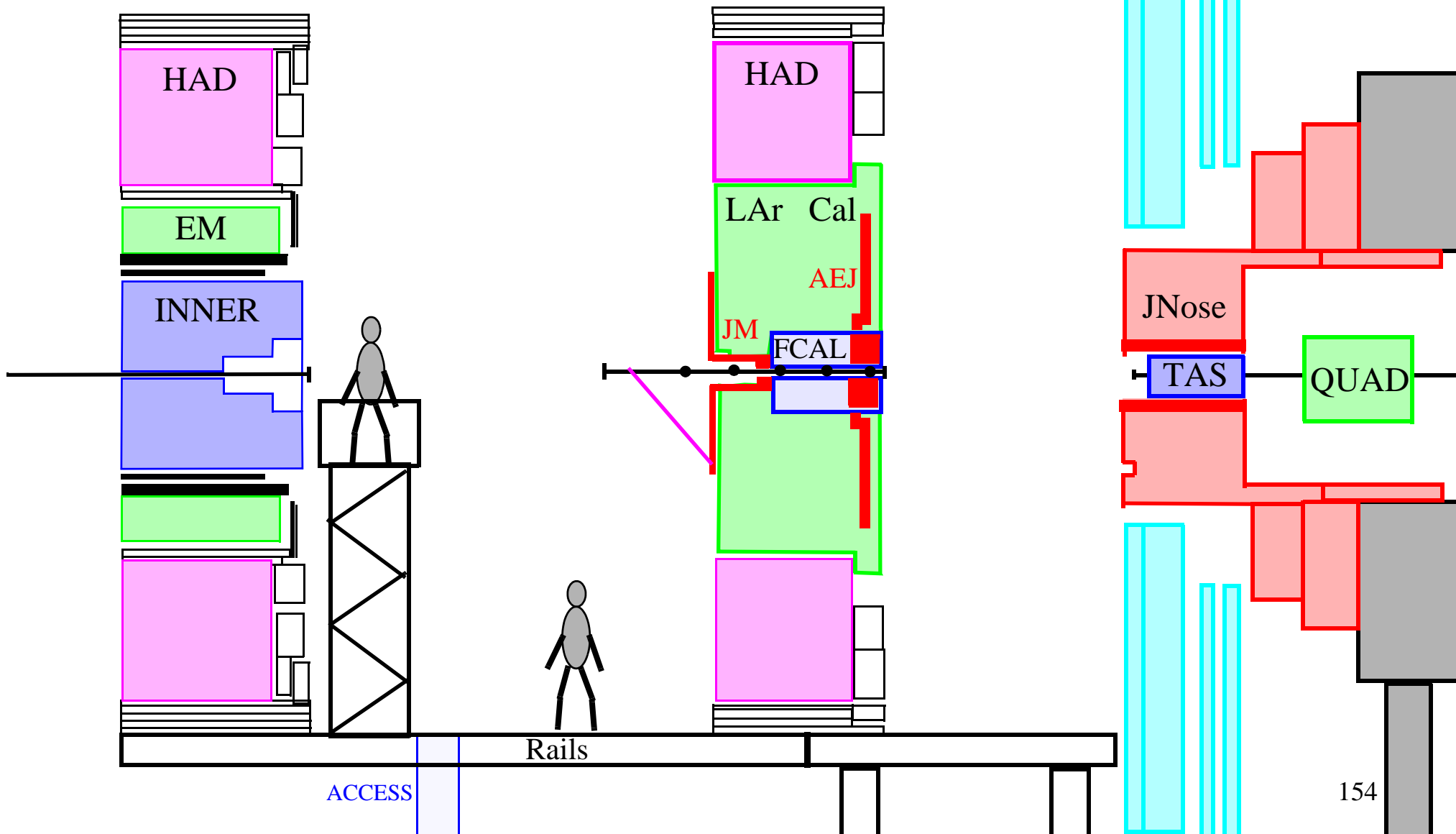


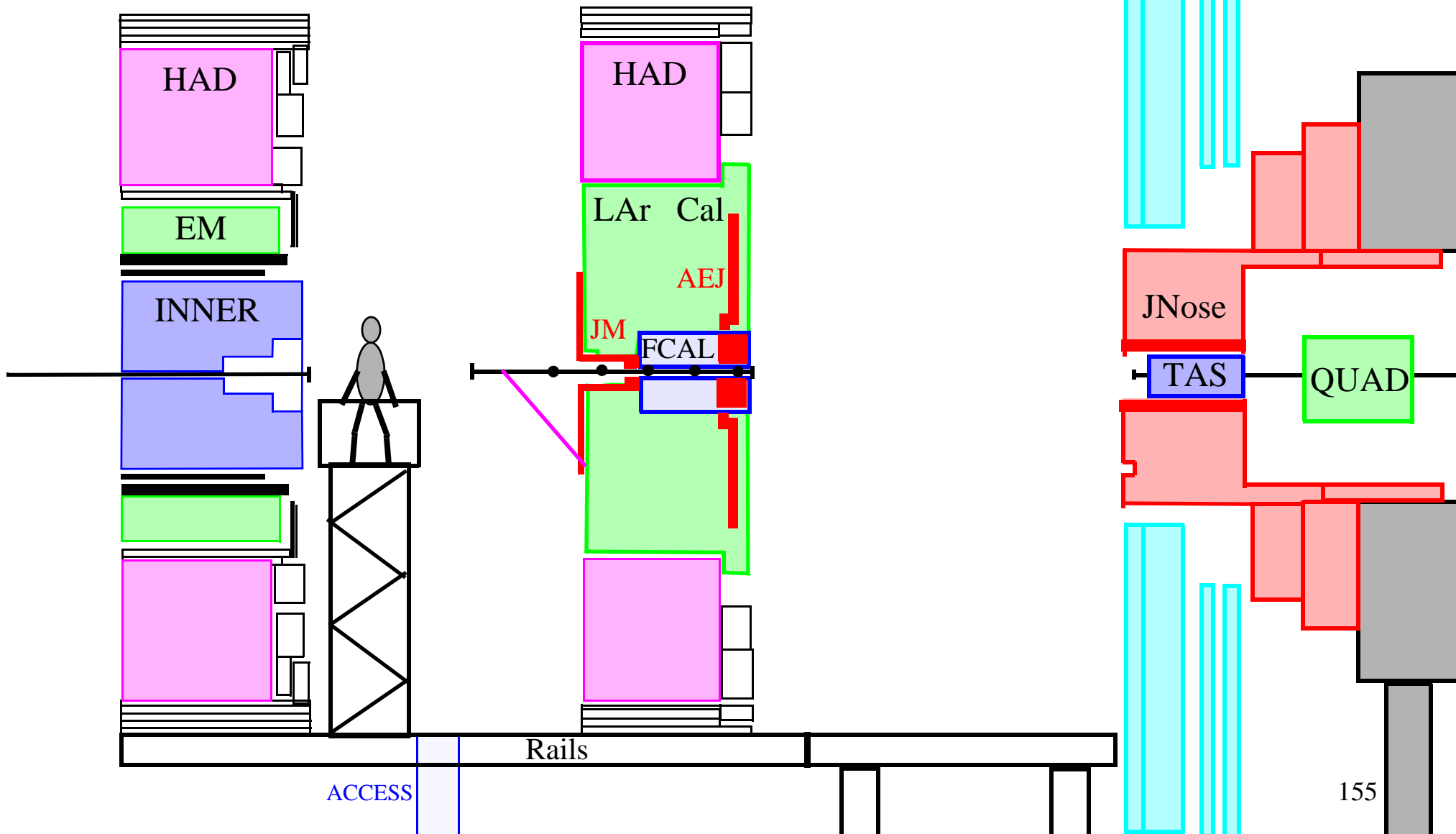


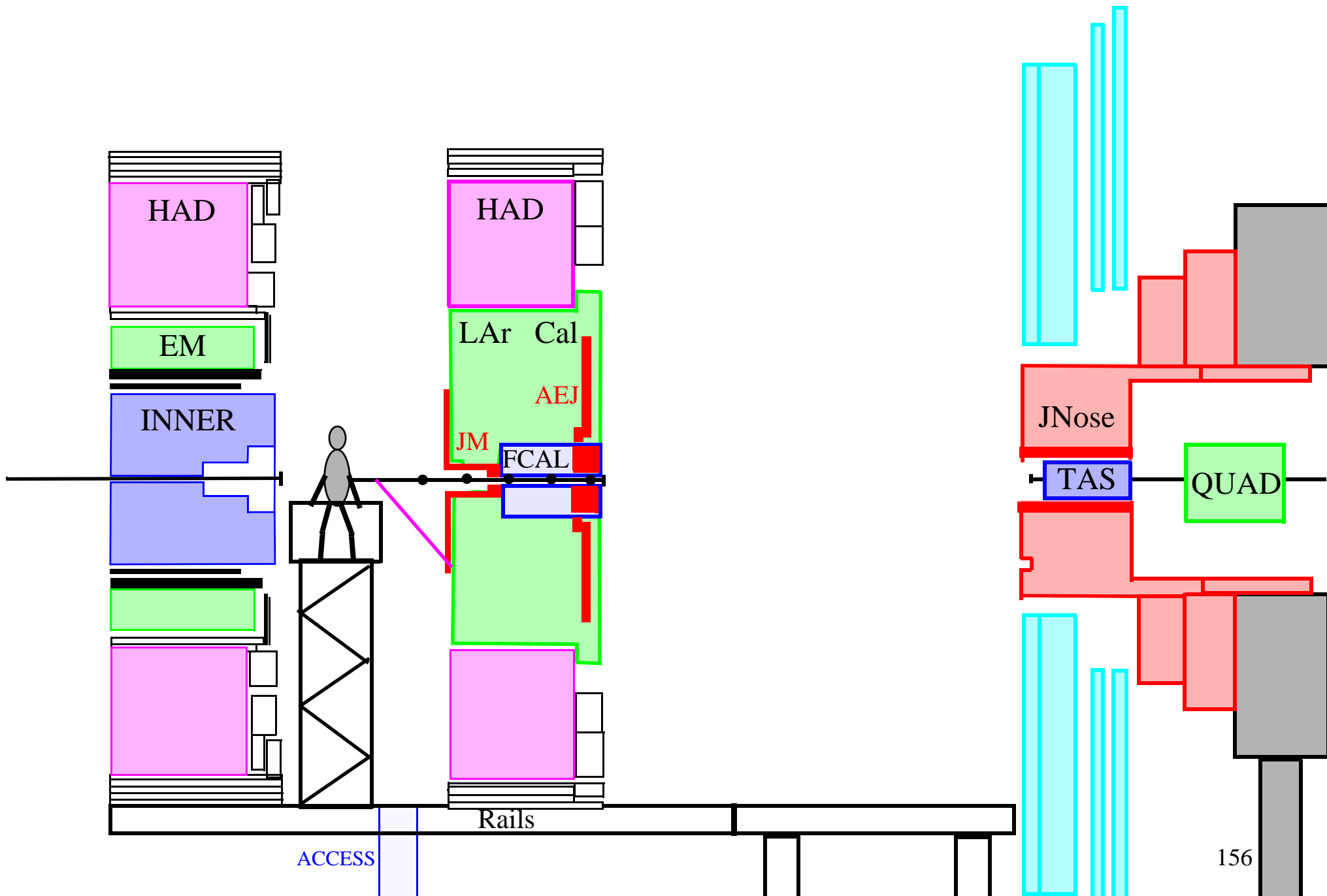






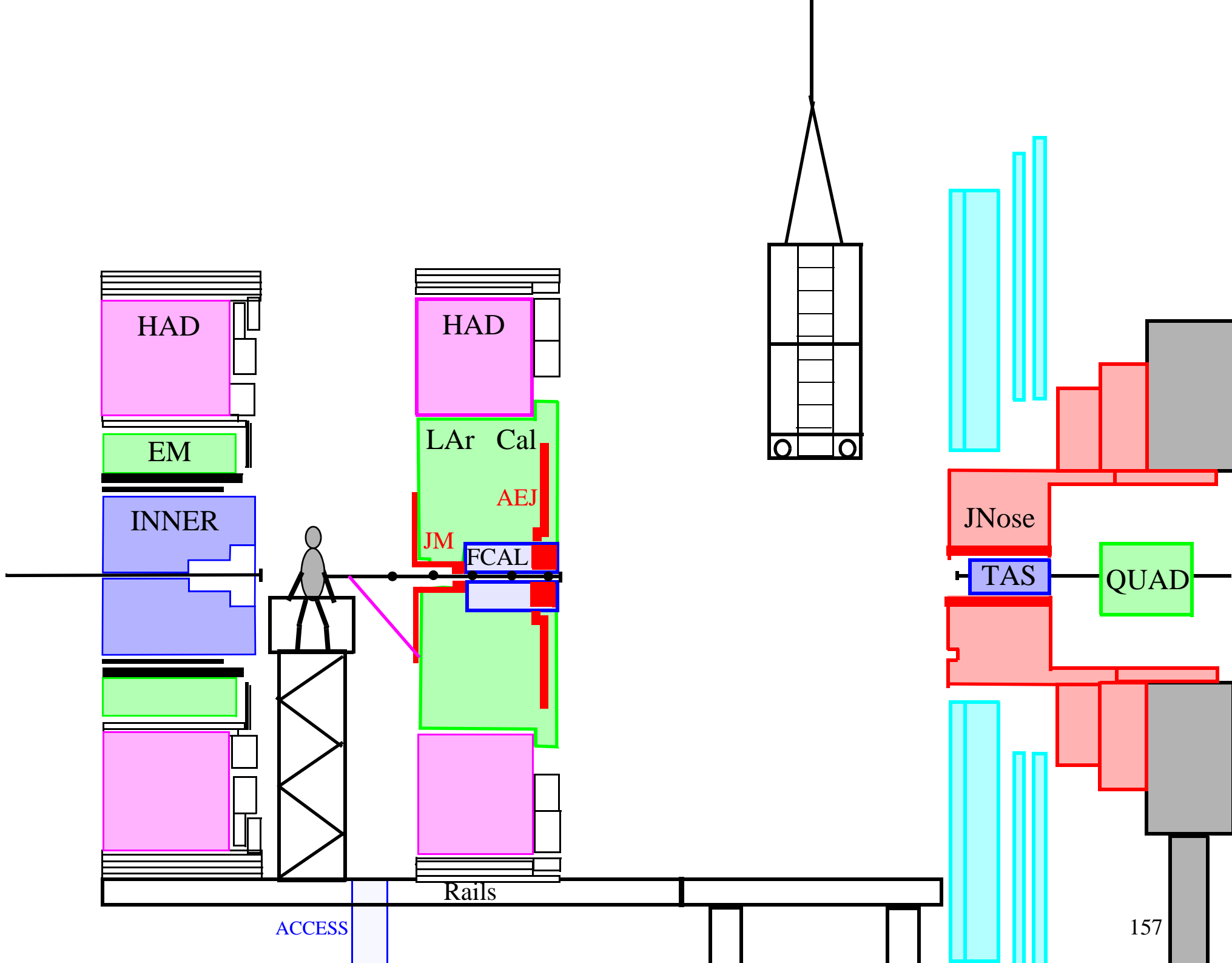




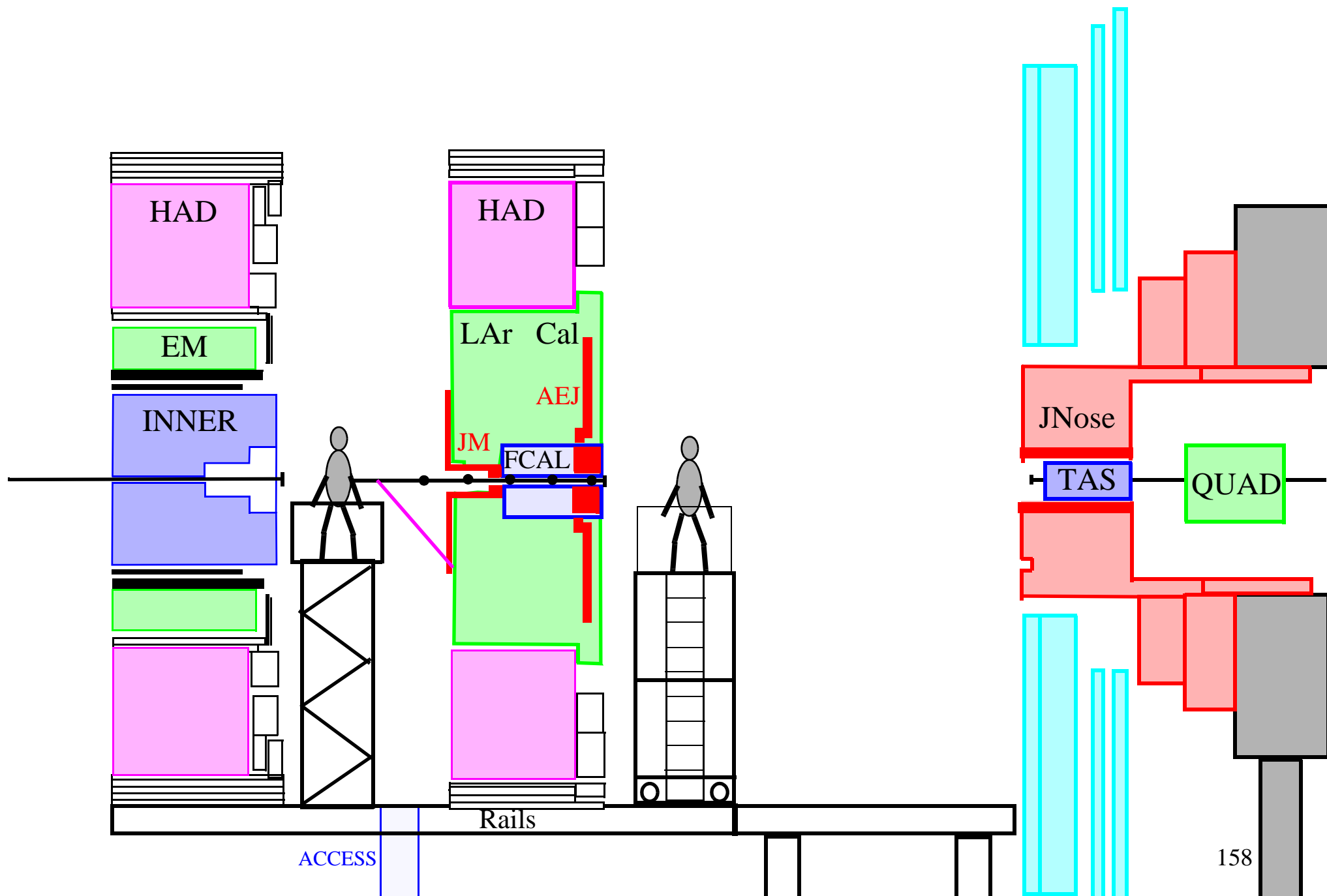


ACCESS

RAILS

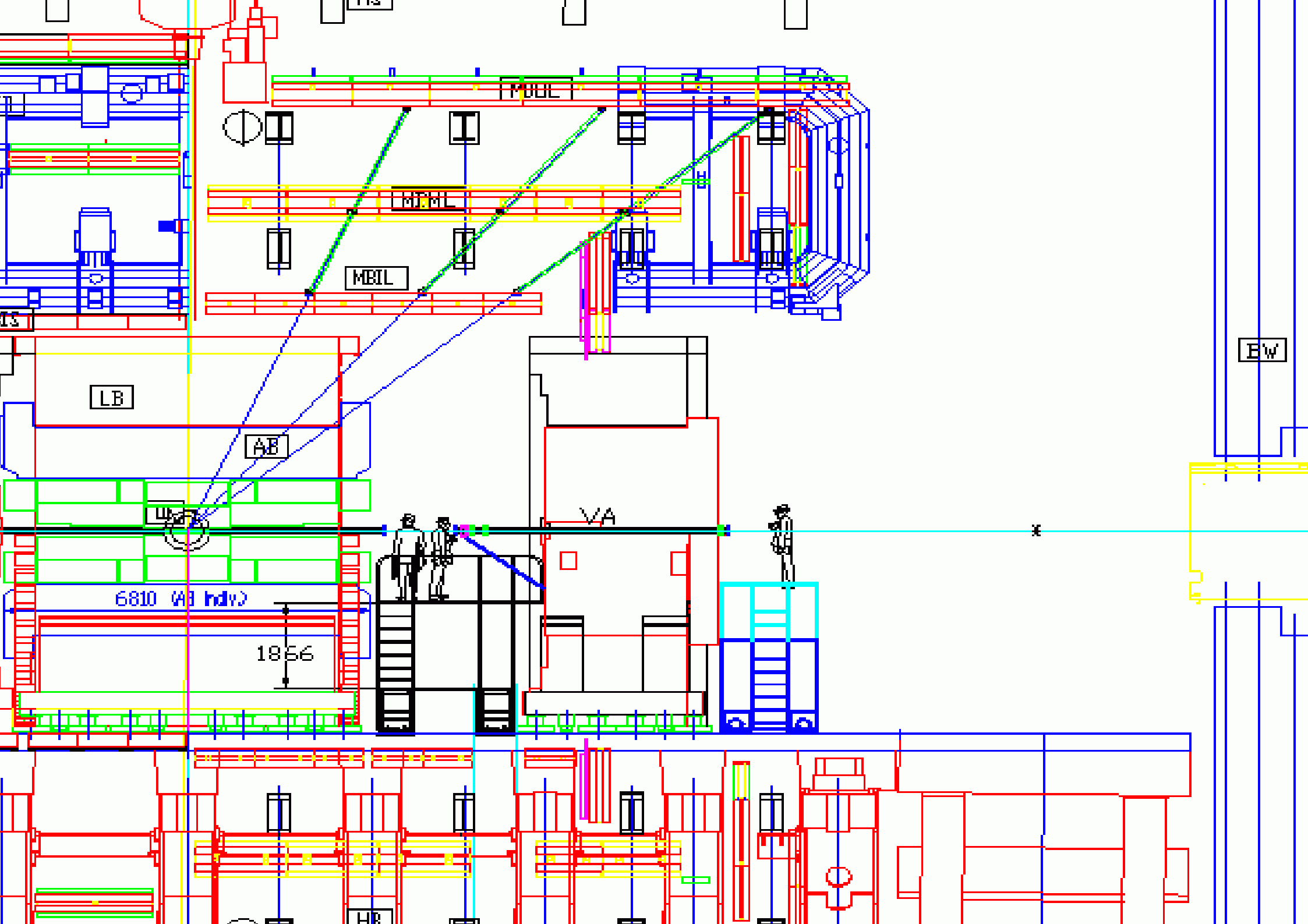


ACCESS



ACCESS

Rails



MBIL

MBIL

MBIL

LB

AB

VA

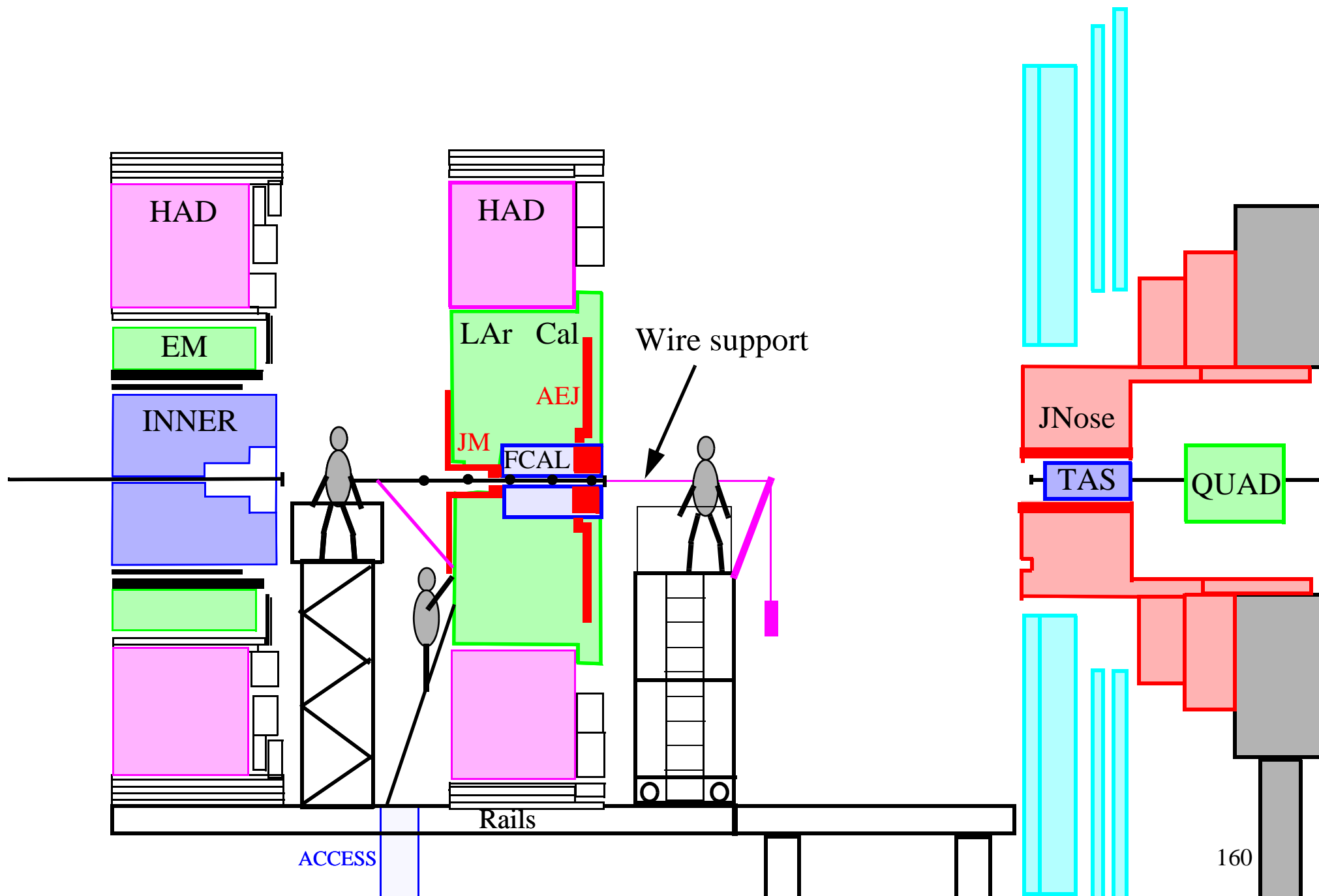
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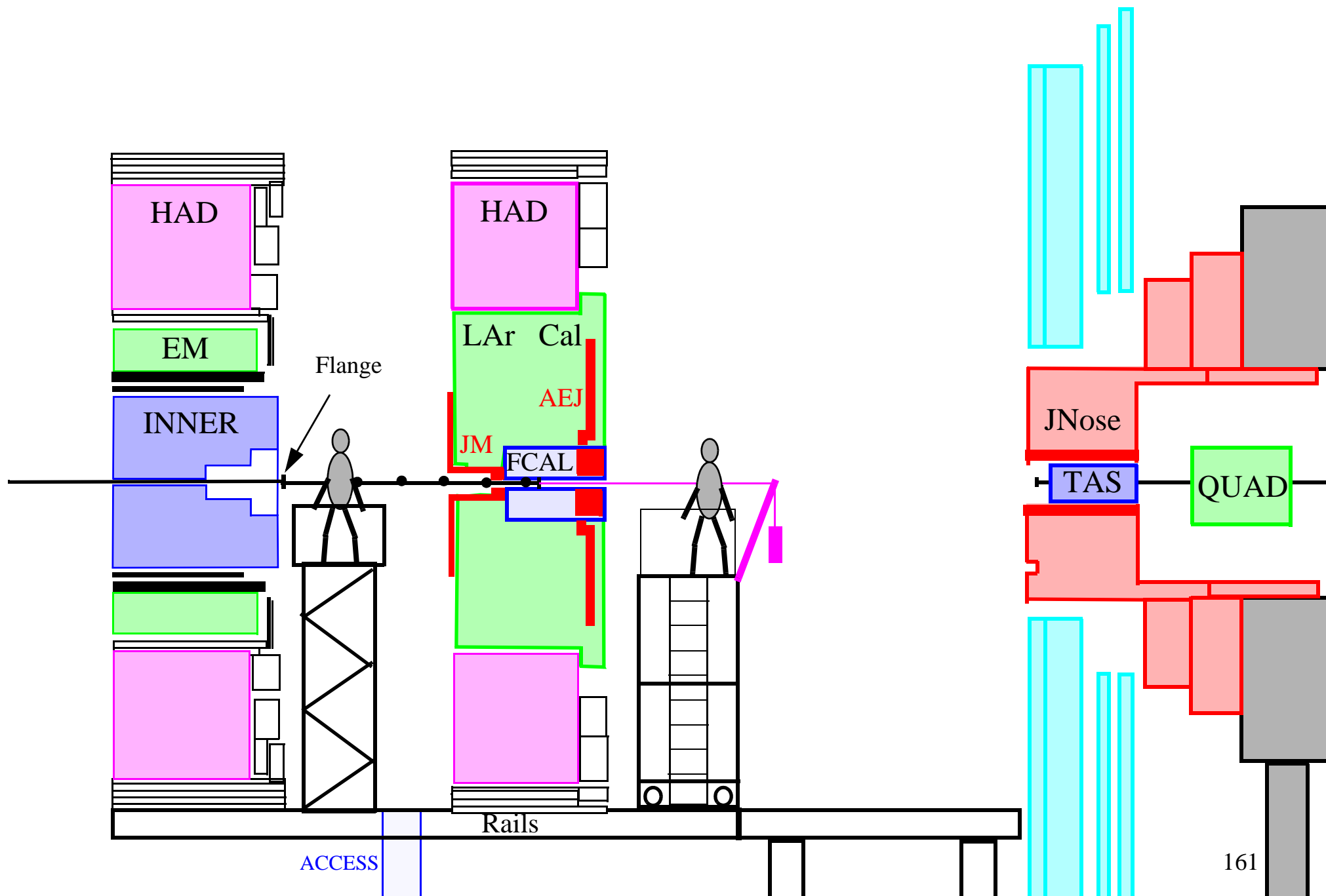
6810 (AB Indiv)

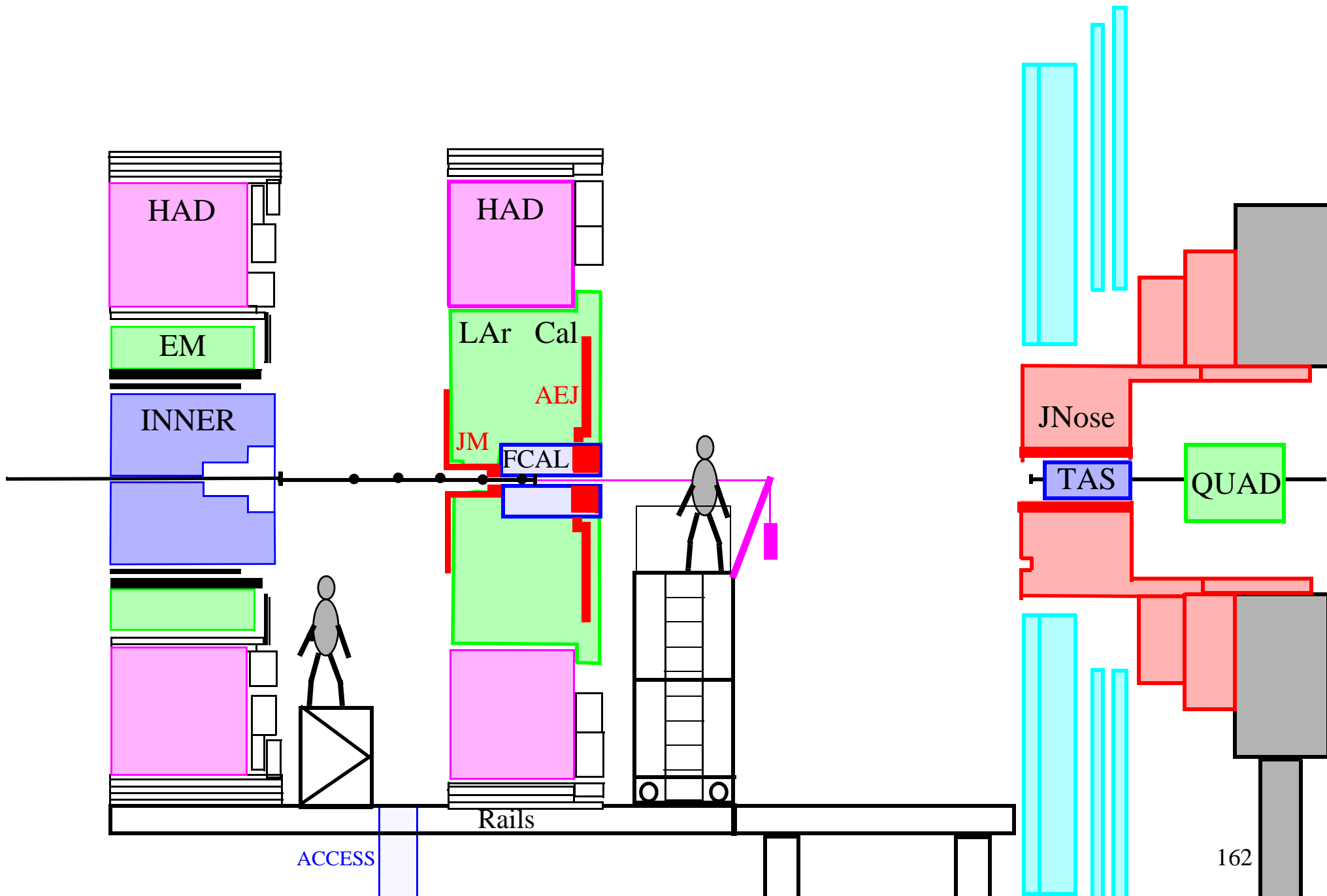
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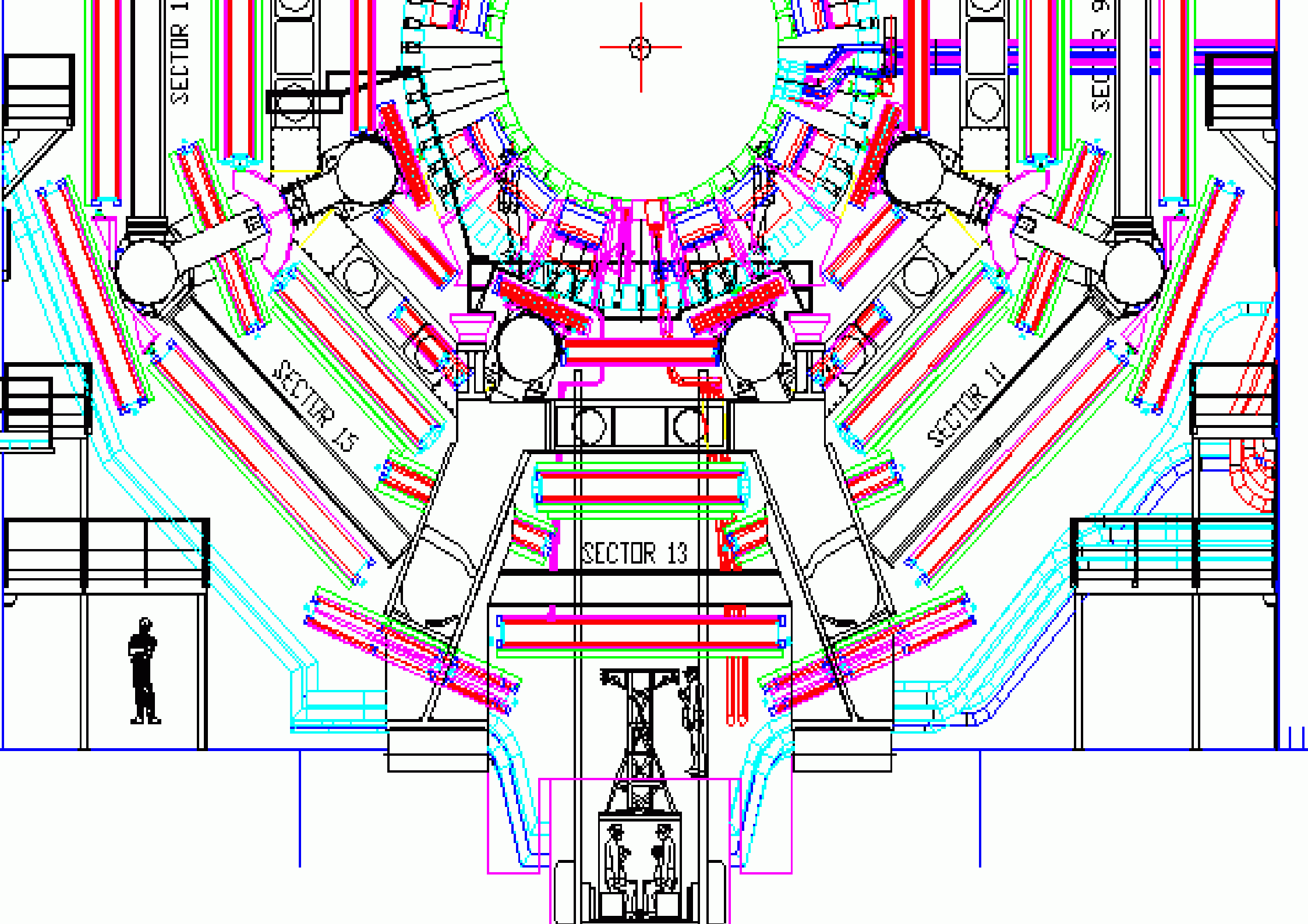
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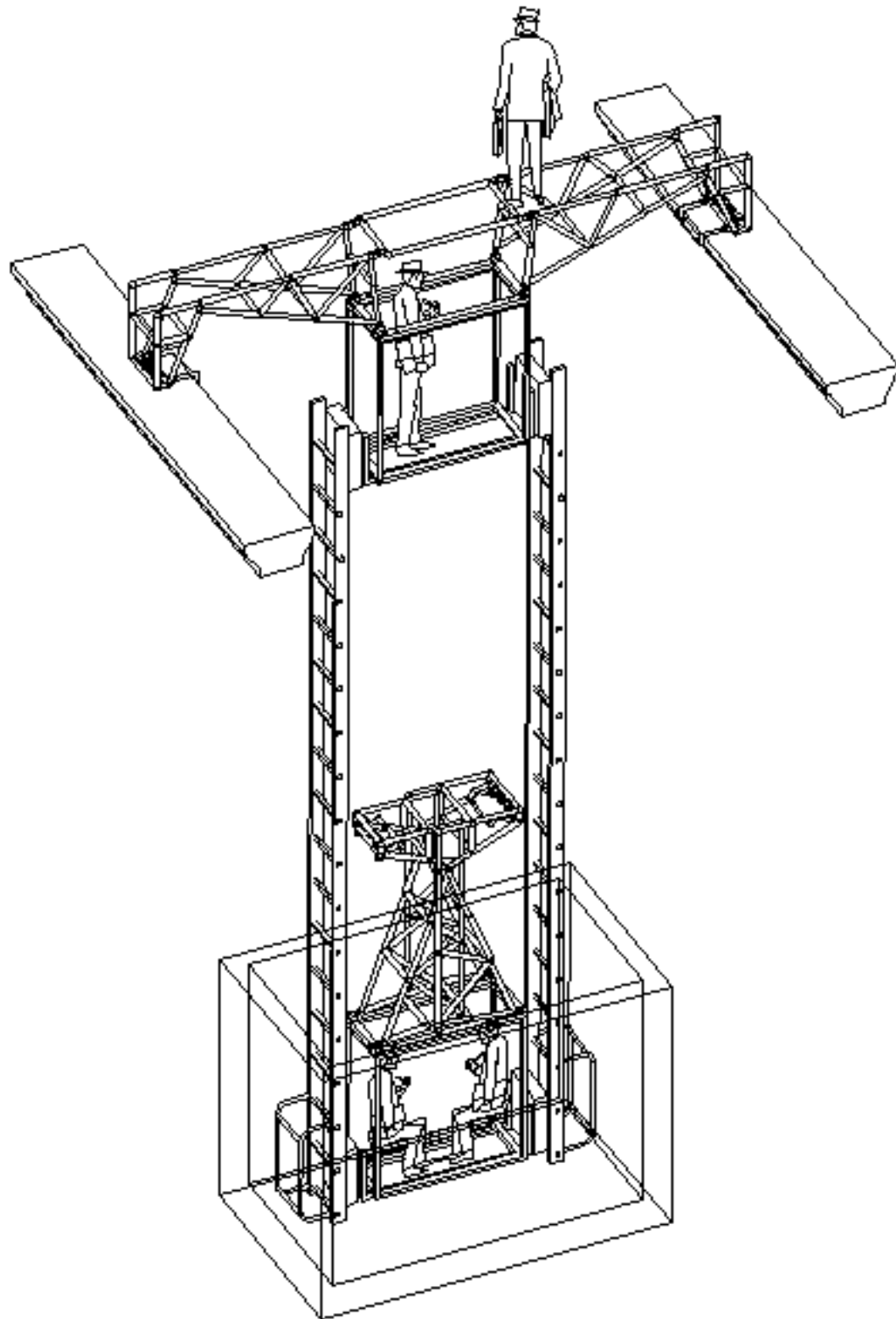
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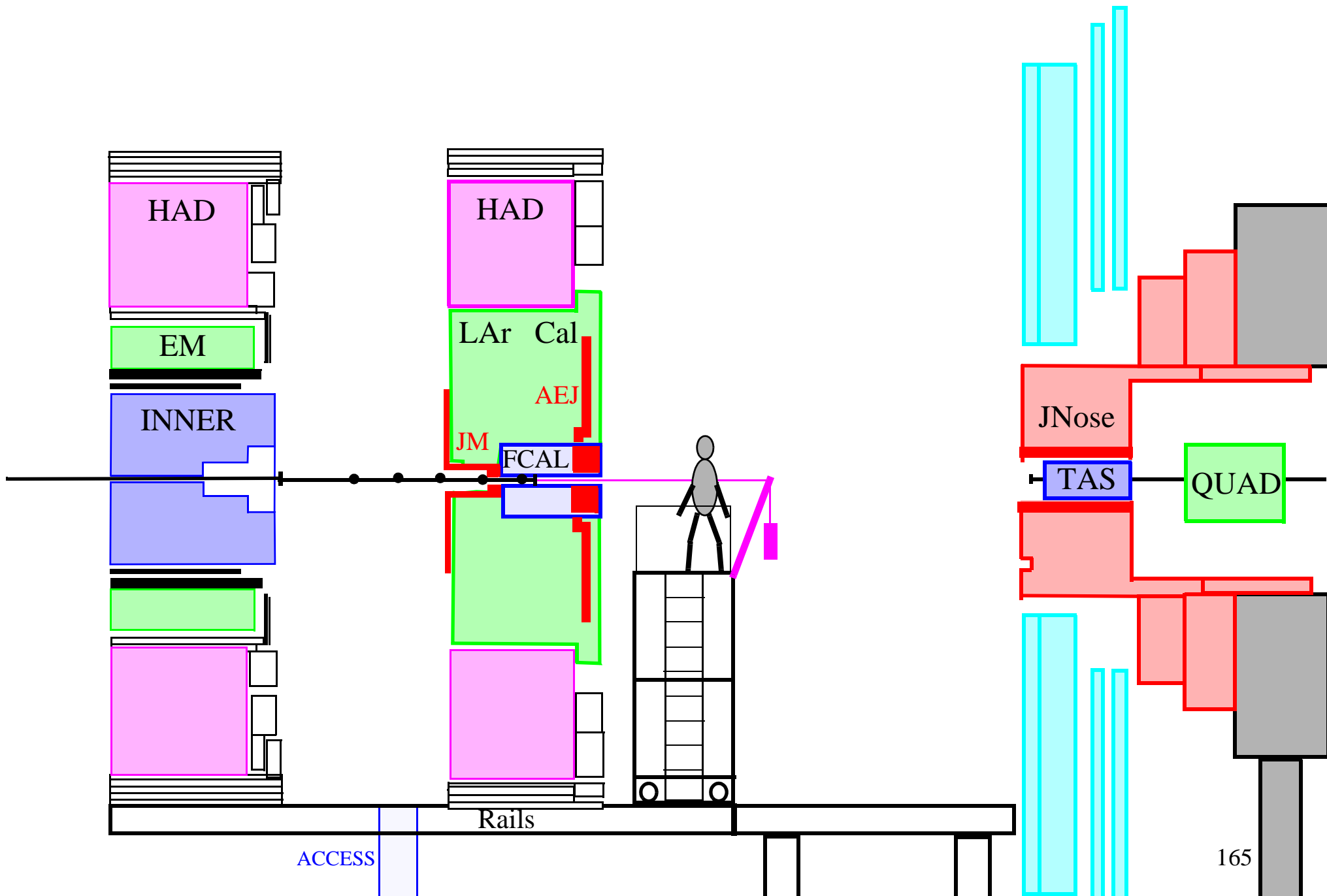






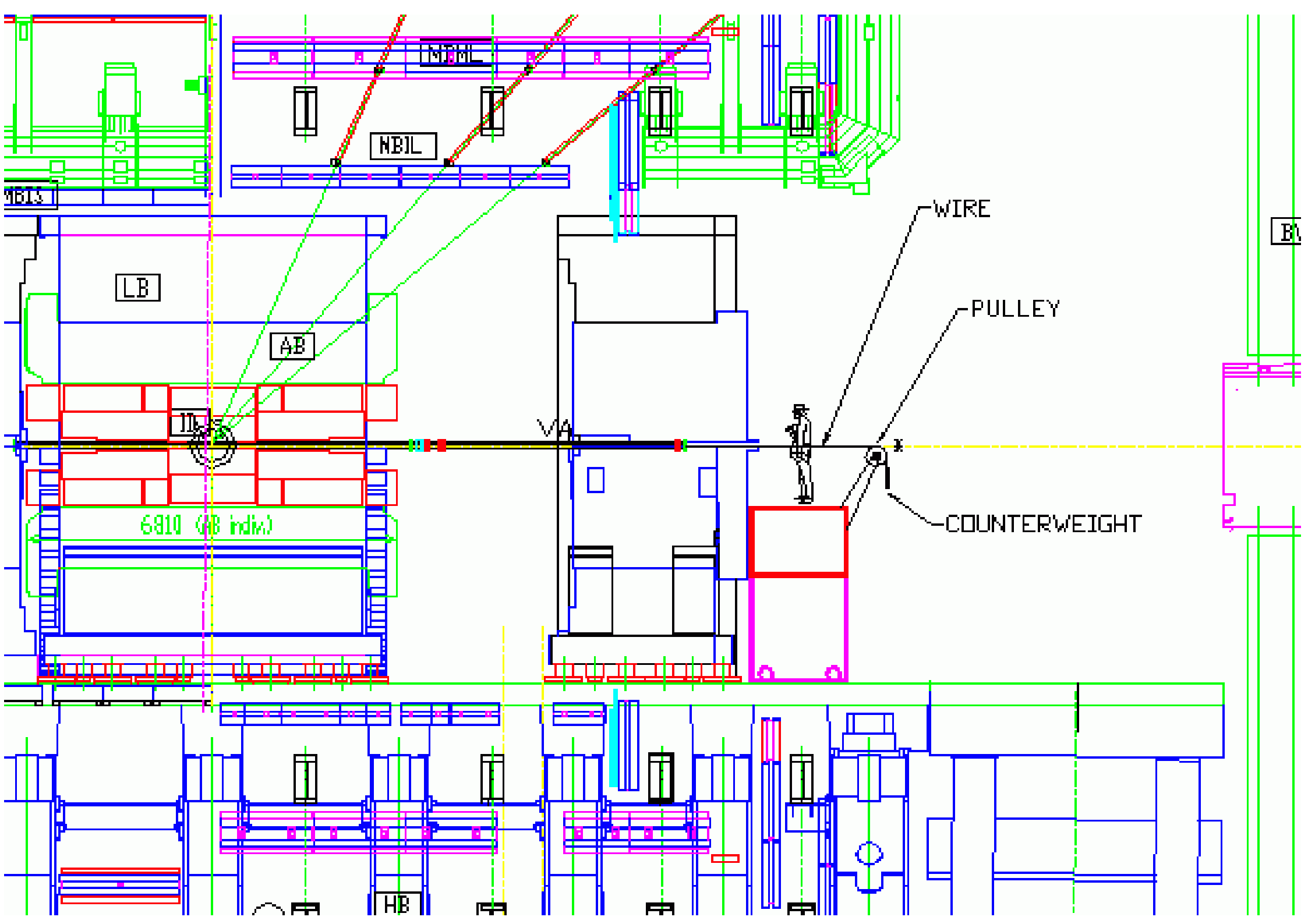


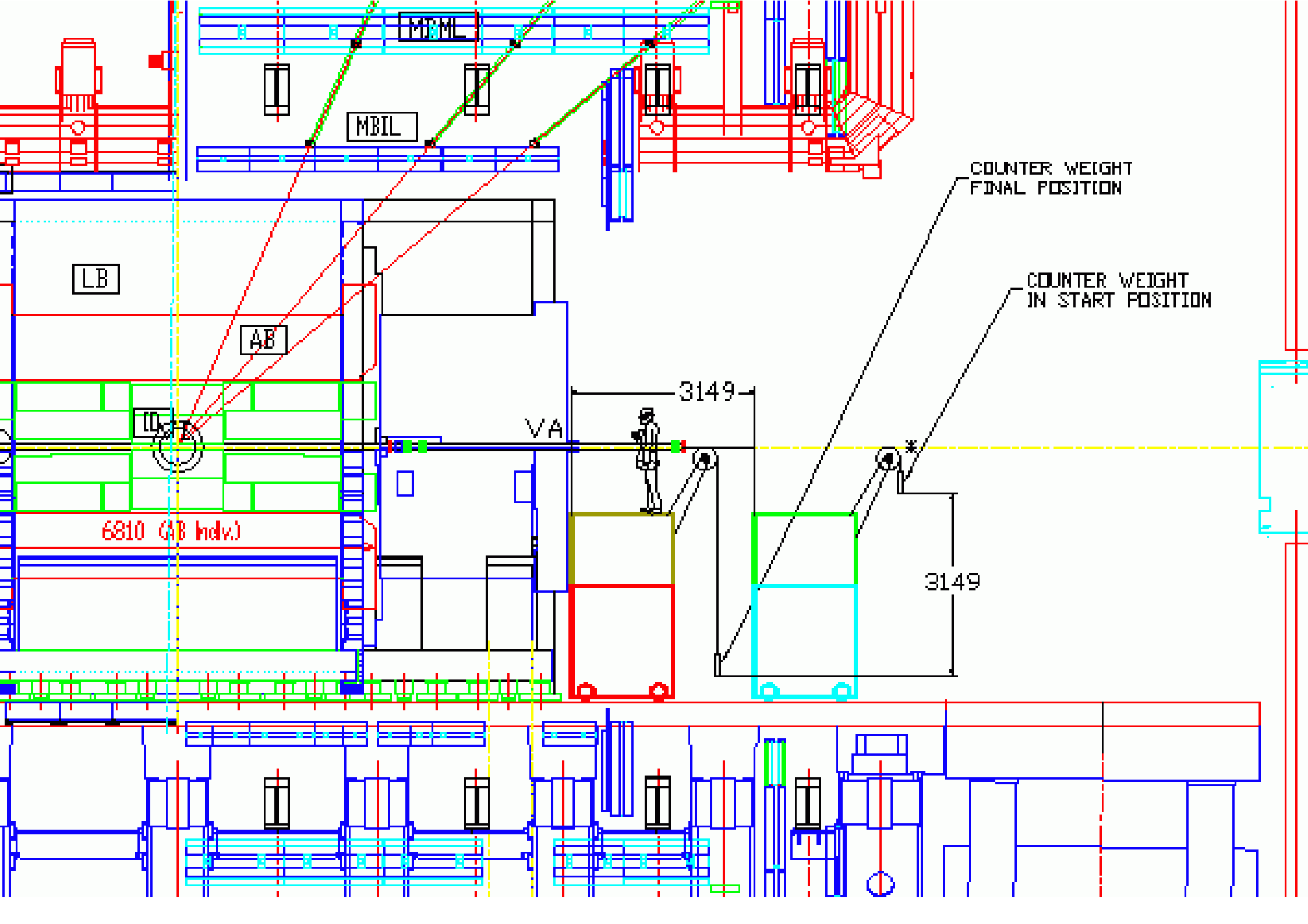




ACCESS

RAILS





LB

AB

MBML

MBML

MBIL

3149

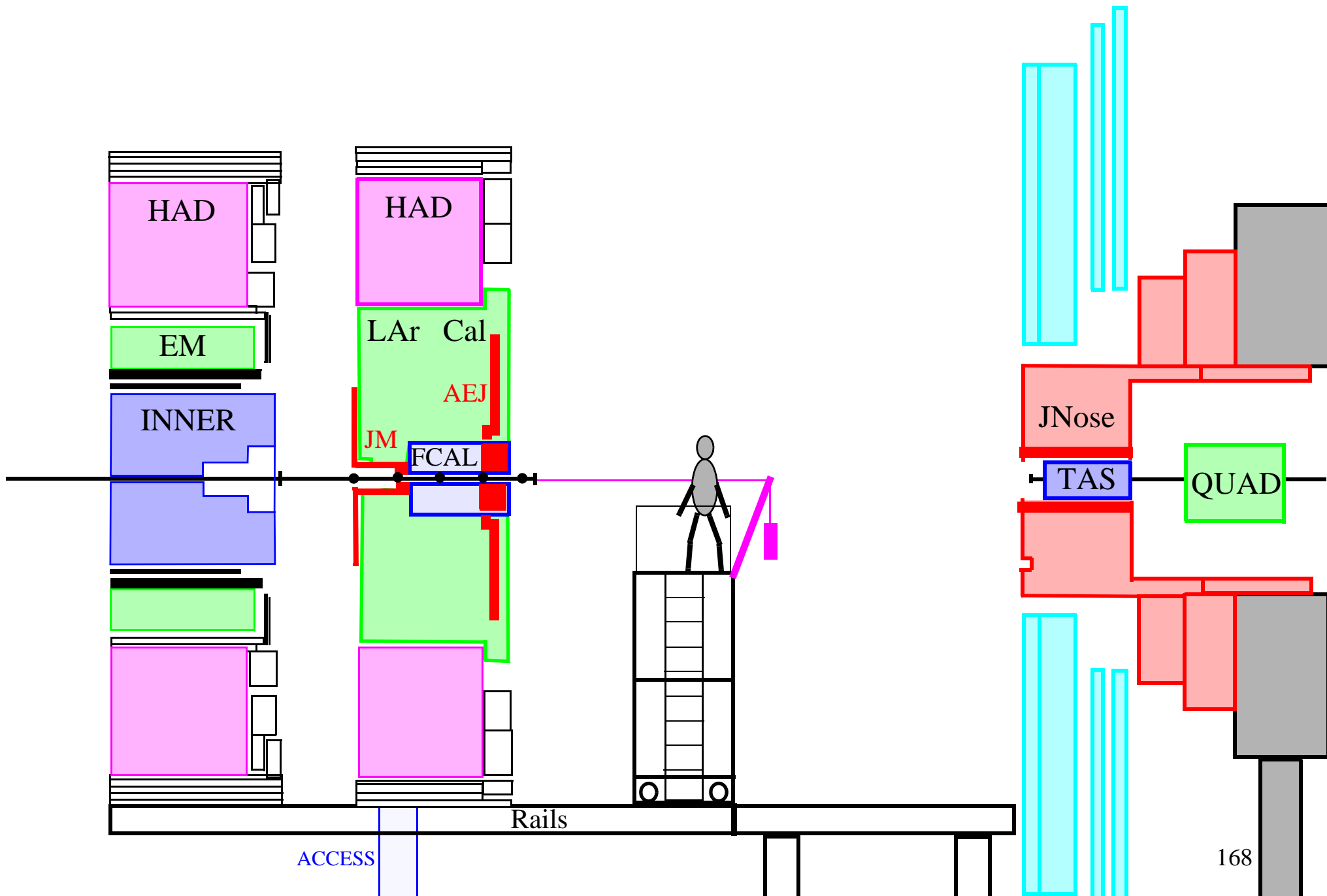
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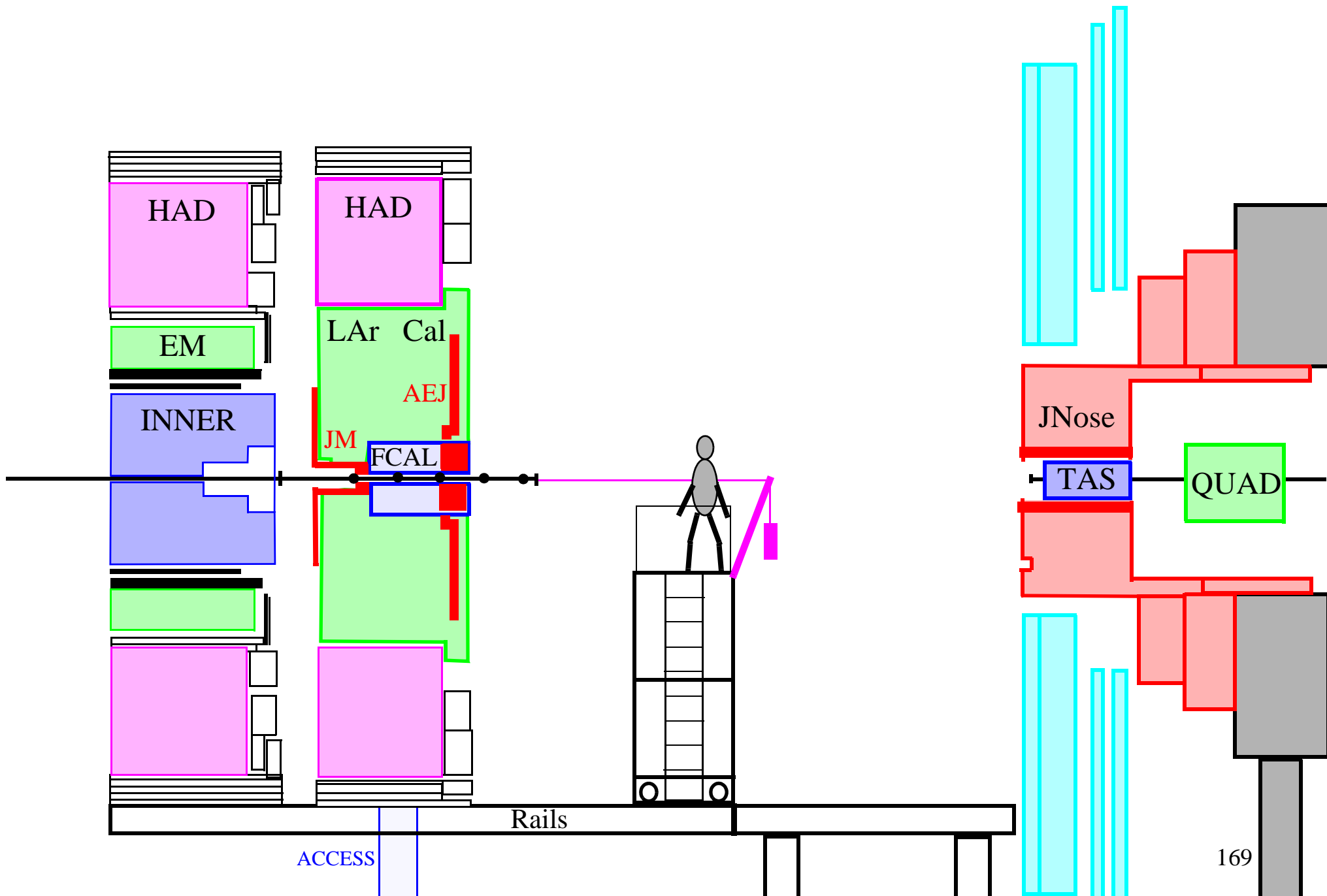
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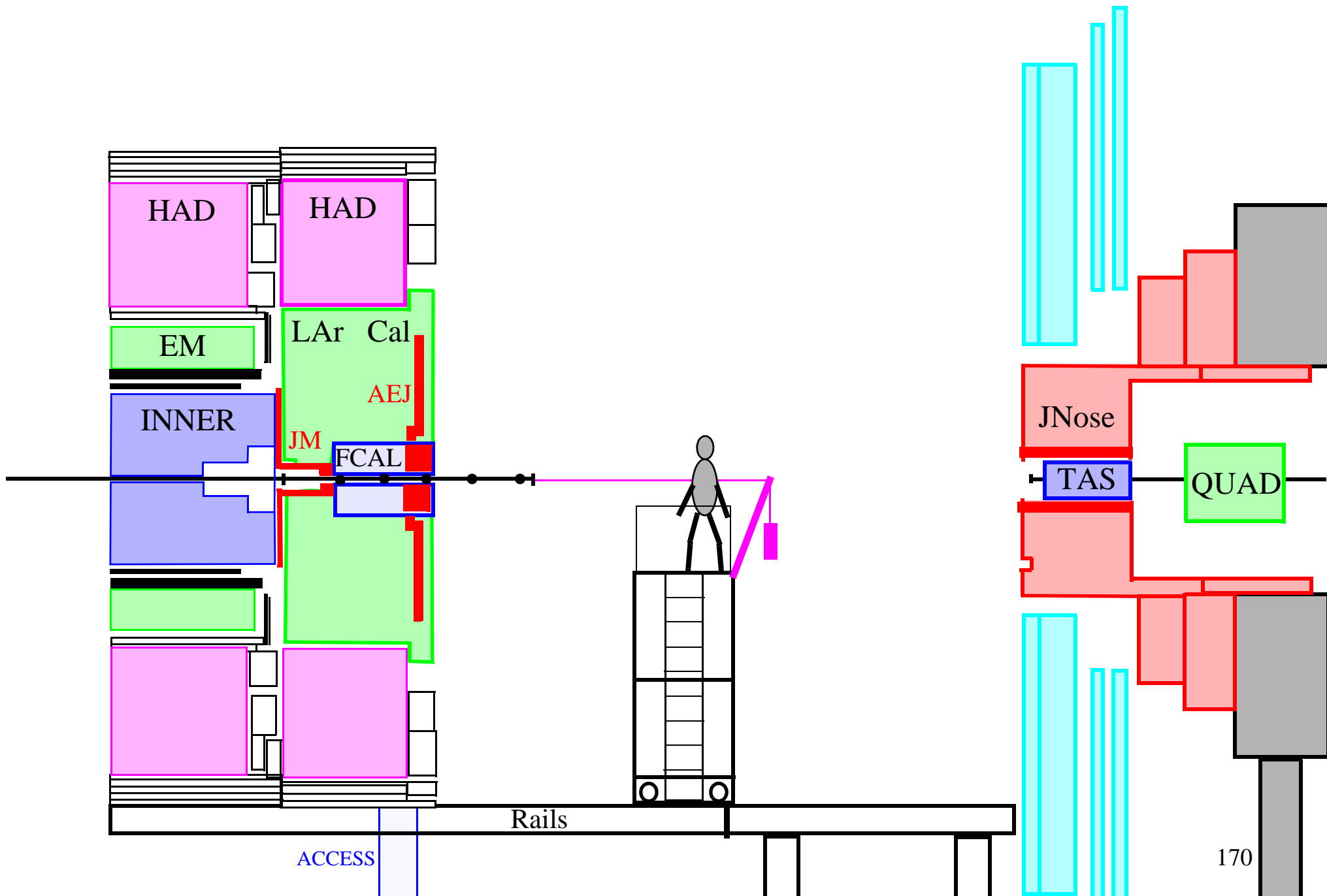
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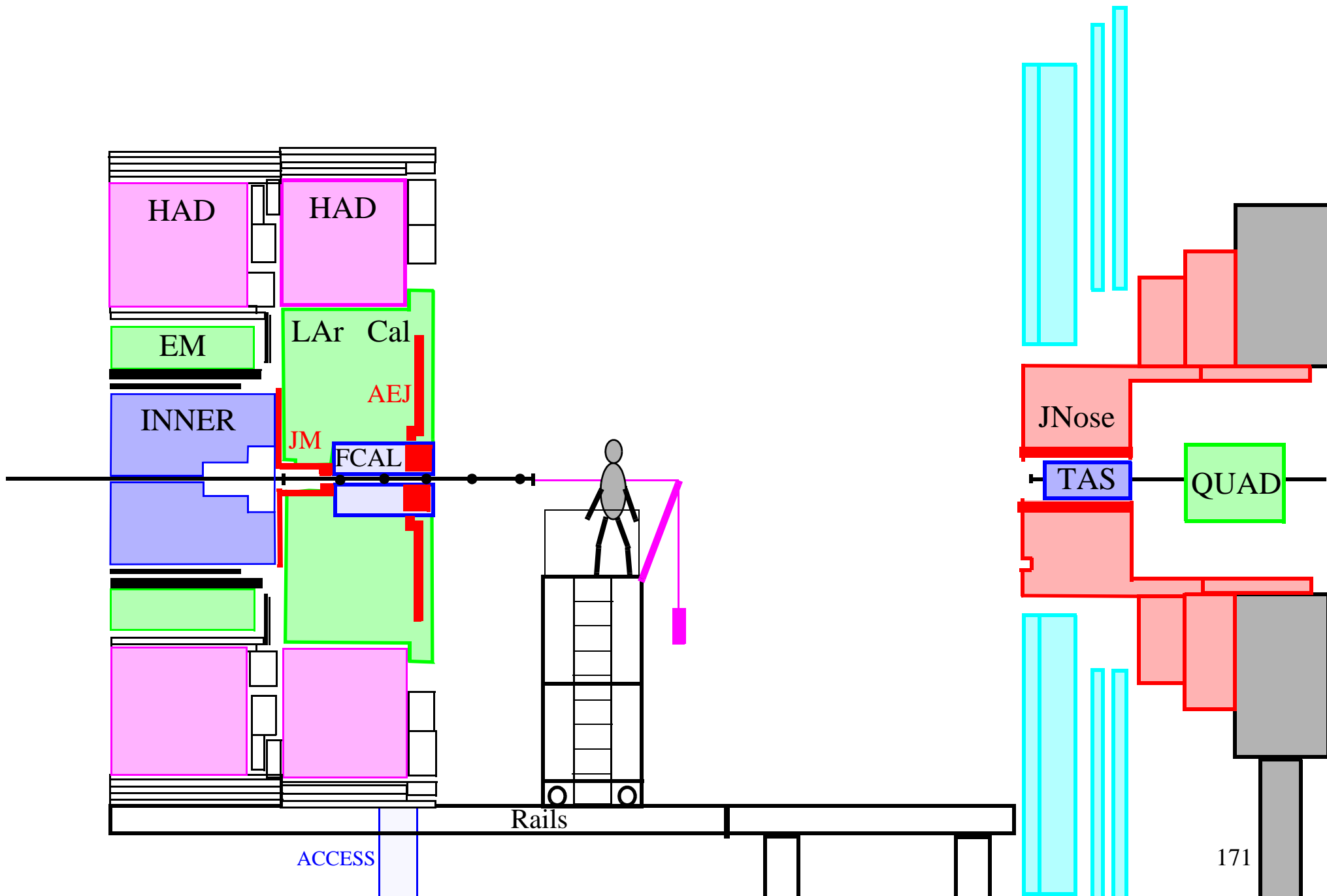
COUNTER WEIGHT
FINAL POSITION

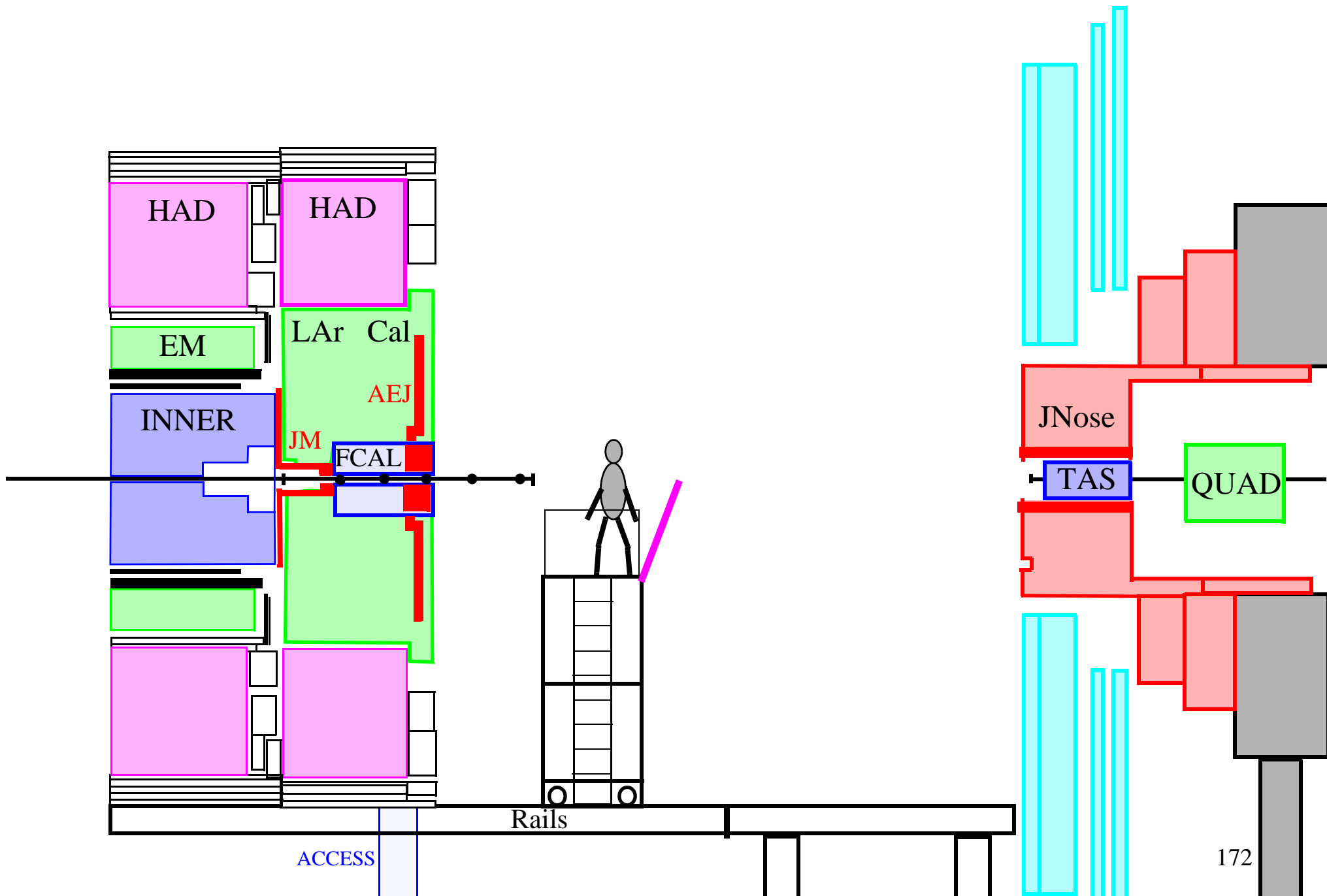
COUNTER WEIGHT
IN START POSITION

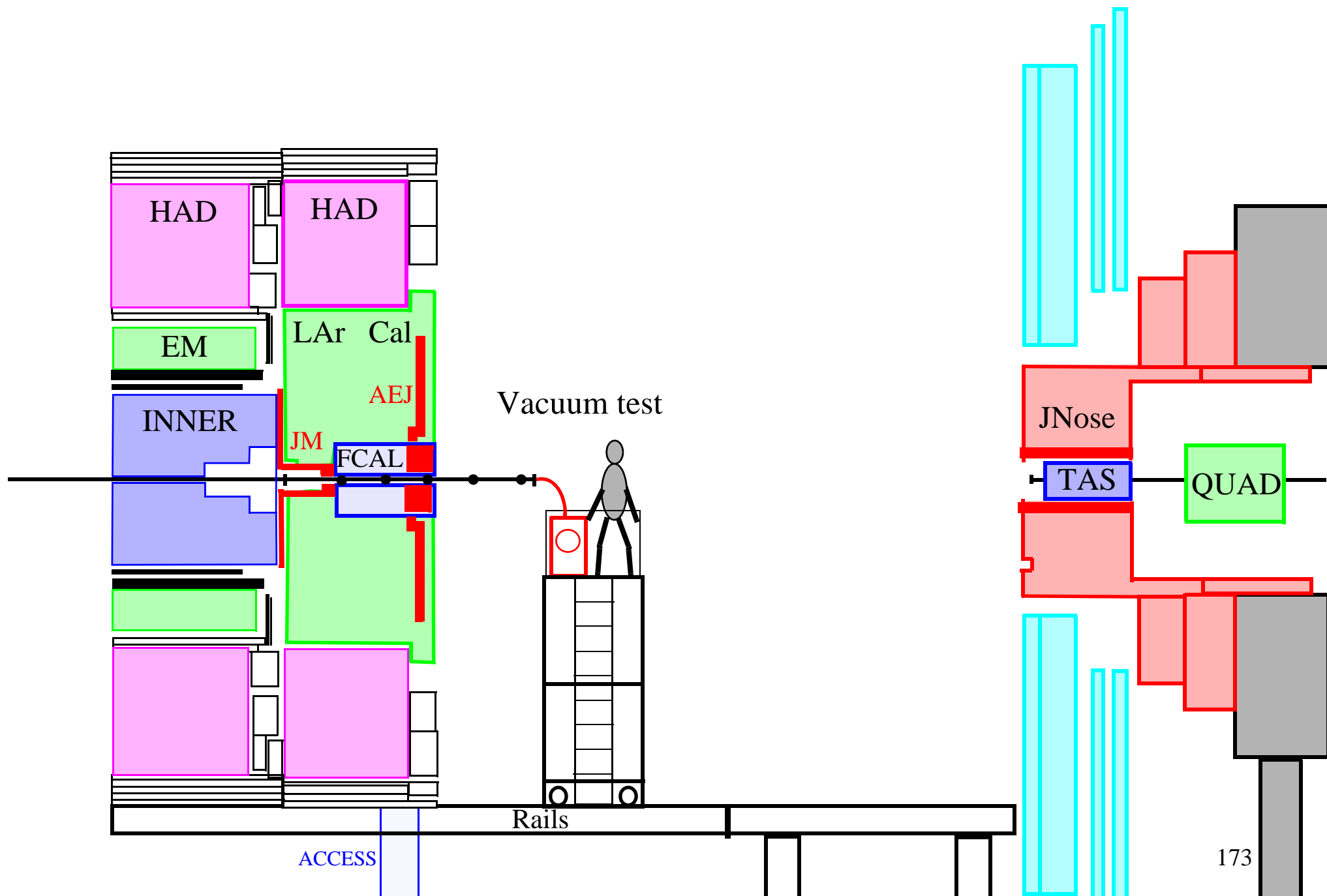


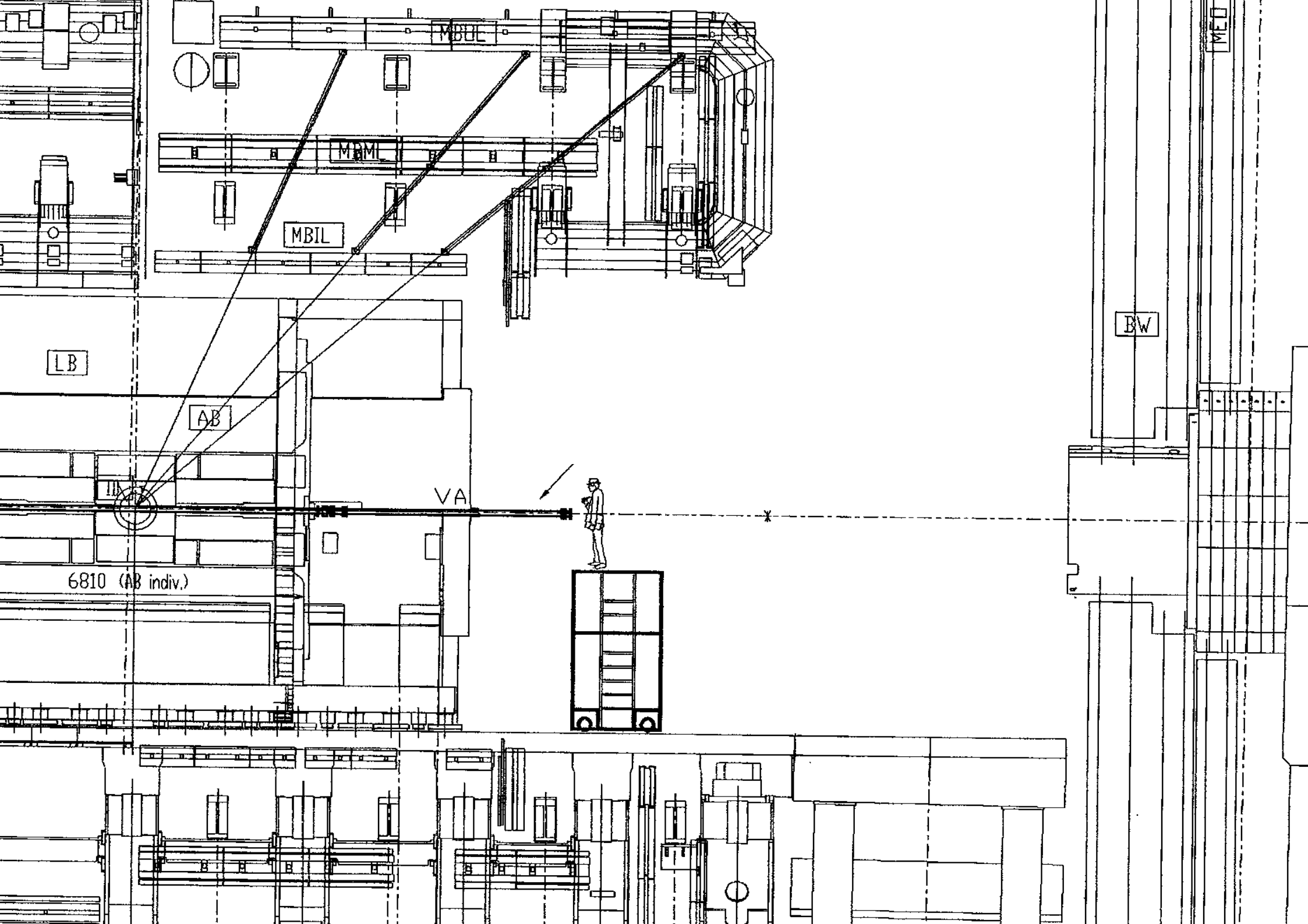


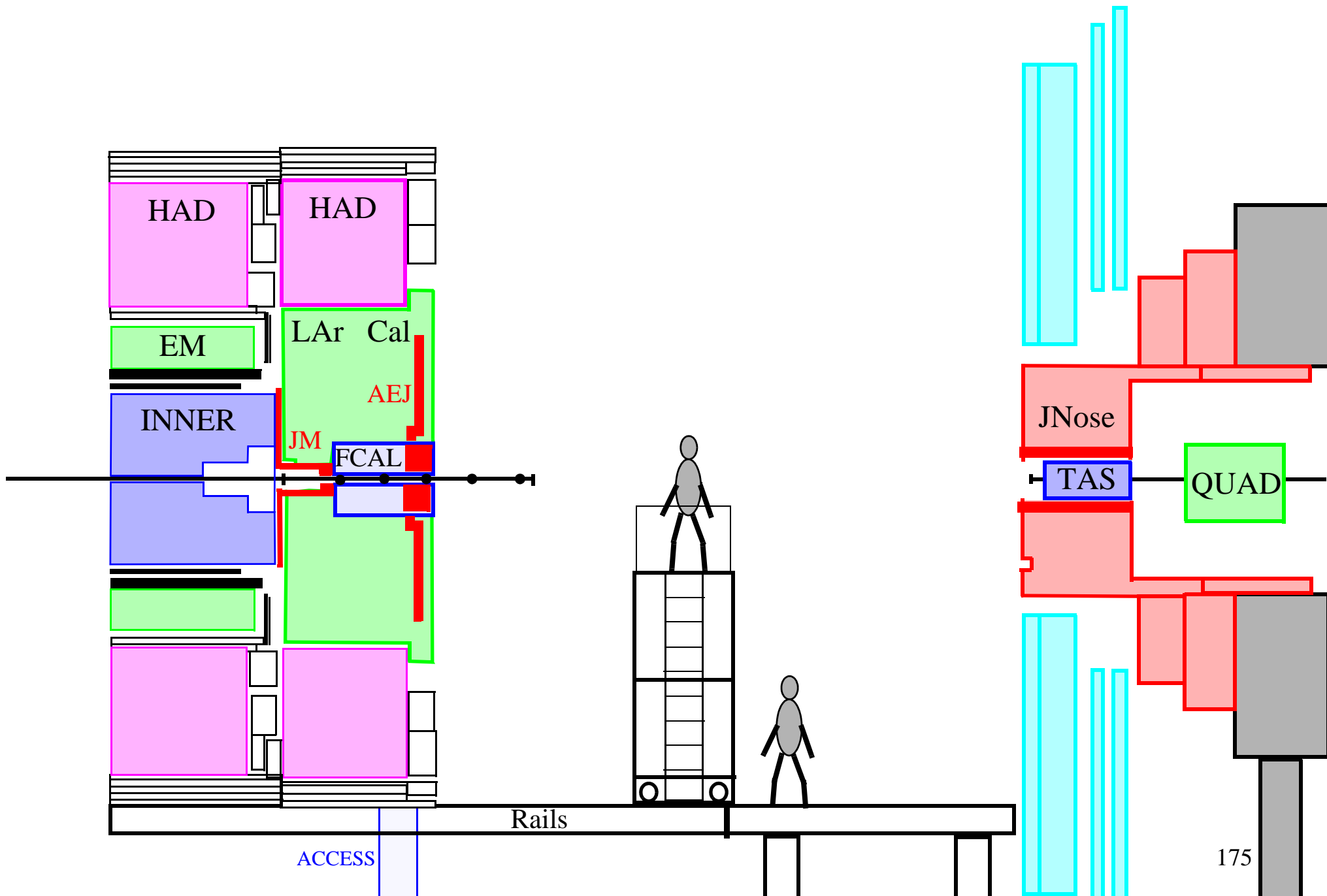


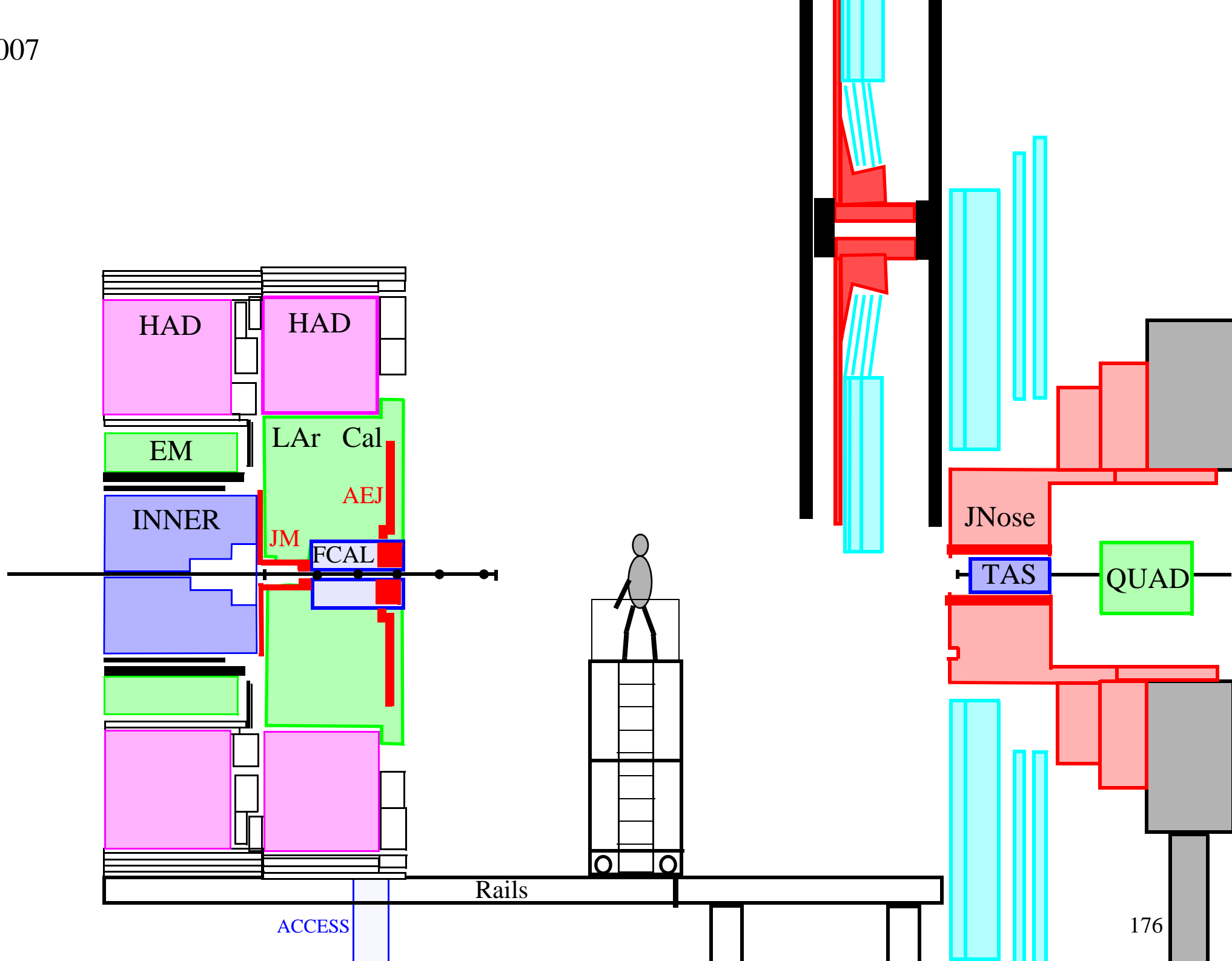


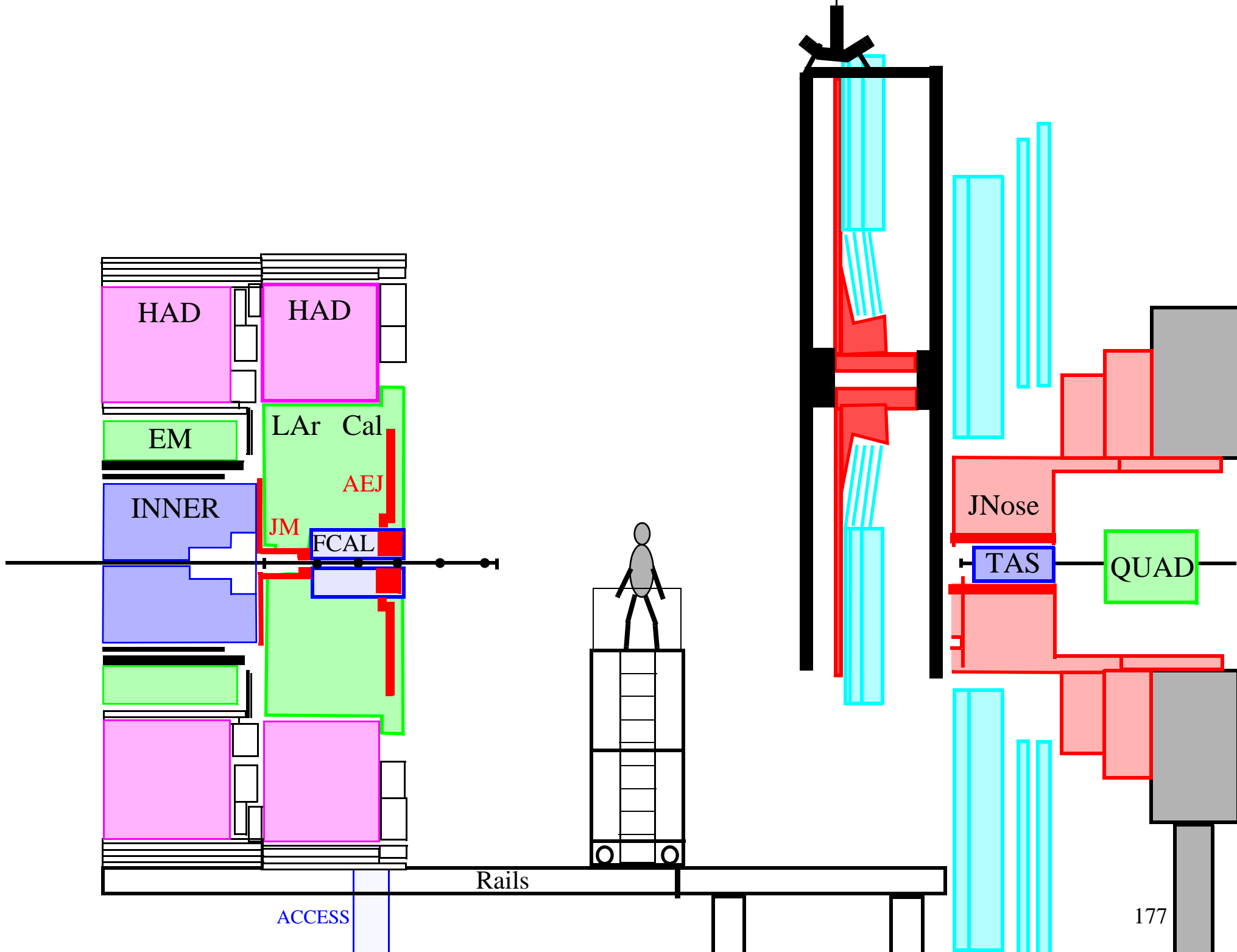




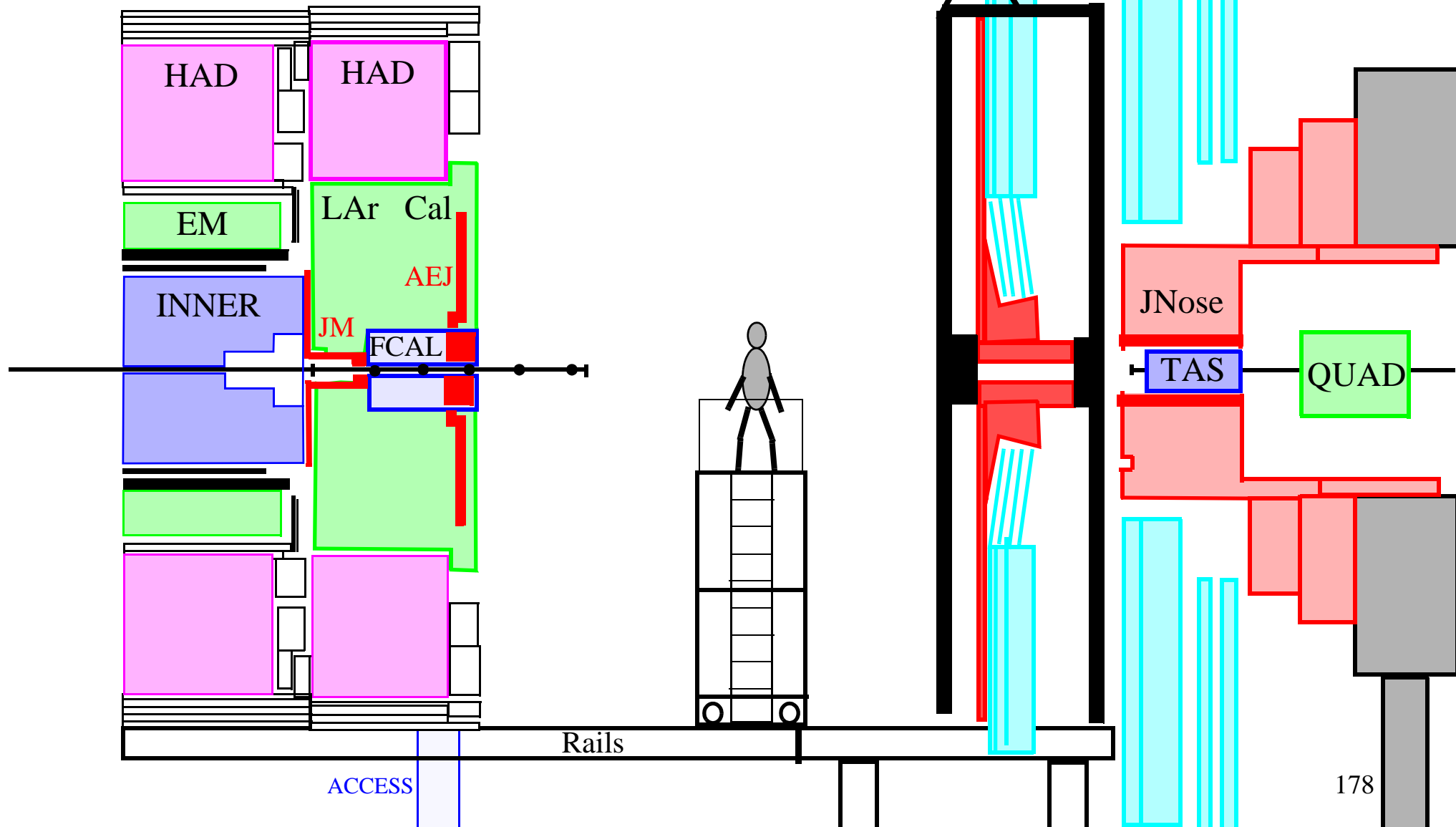








The JD/SW has to be moved in sideways to get under the ECT services.



20 T THEORETICAL ZONE

20 T SAFETY ZONE

20 F EXTENDED ZONE

ECT

Liftingpoints

JD

JN

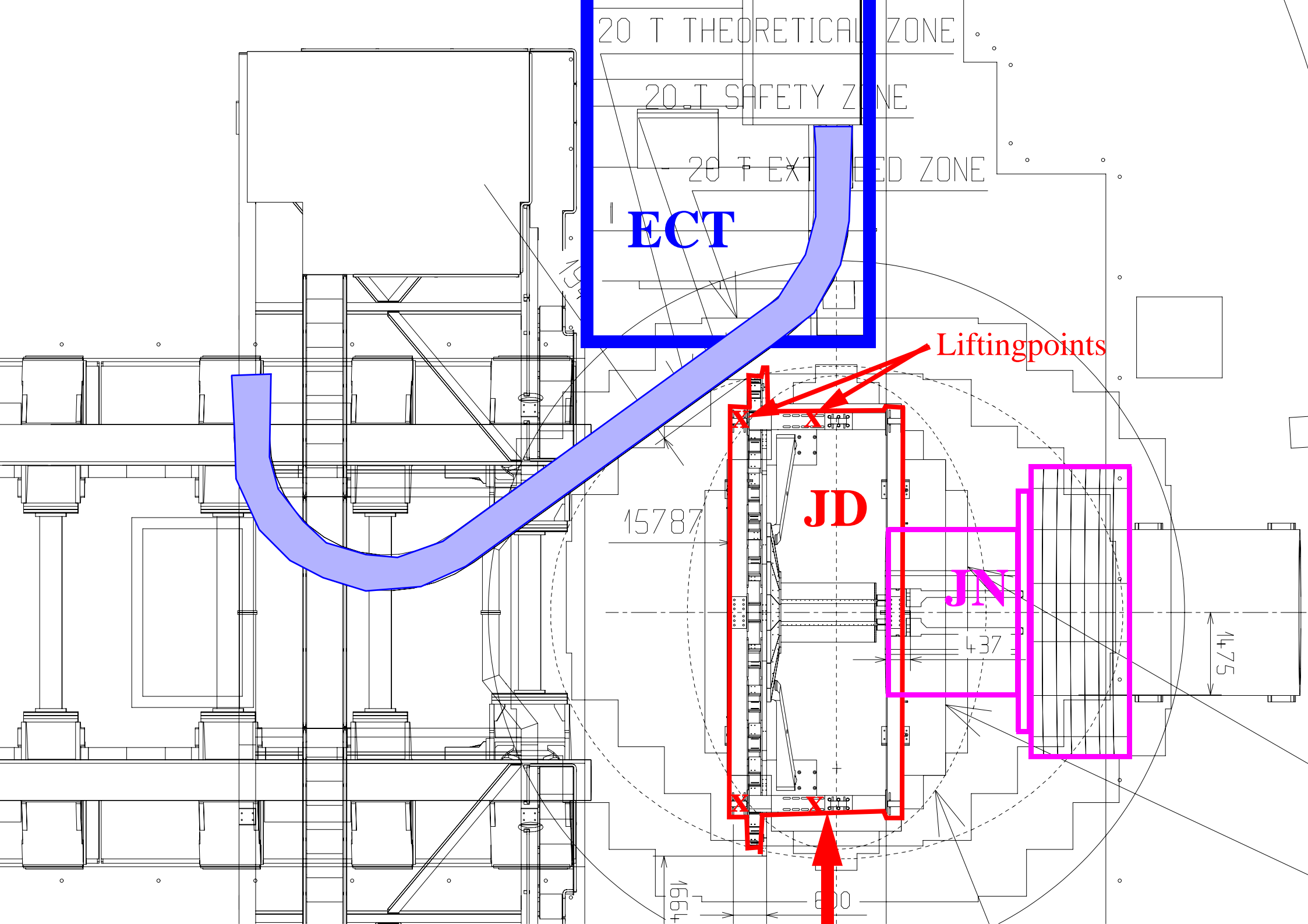
15787

437

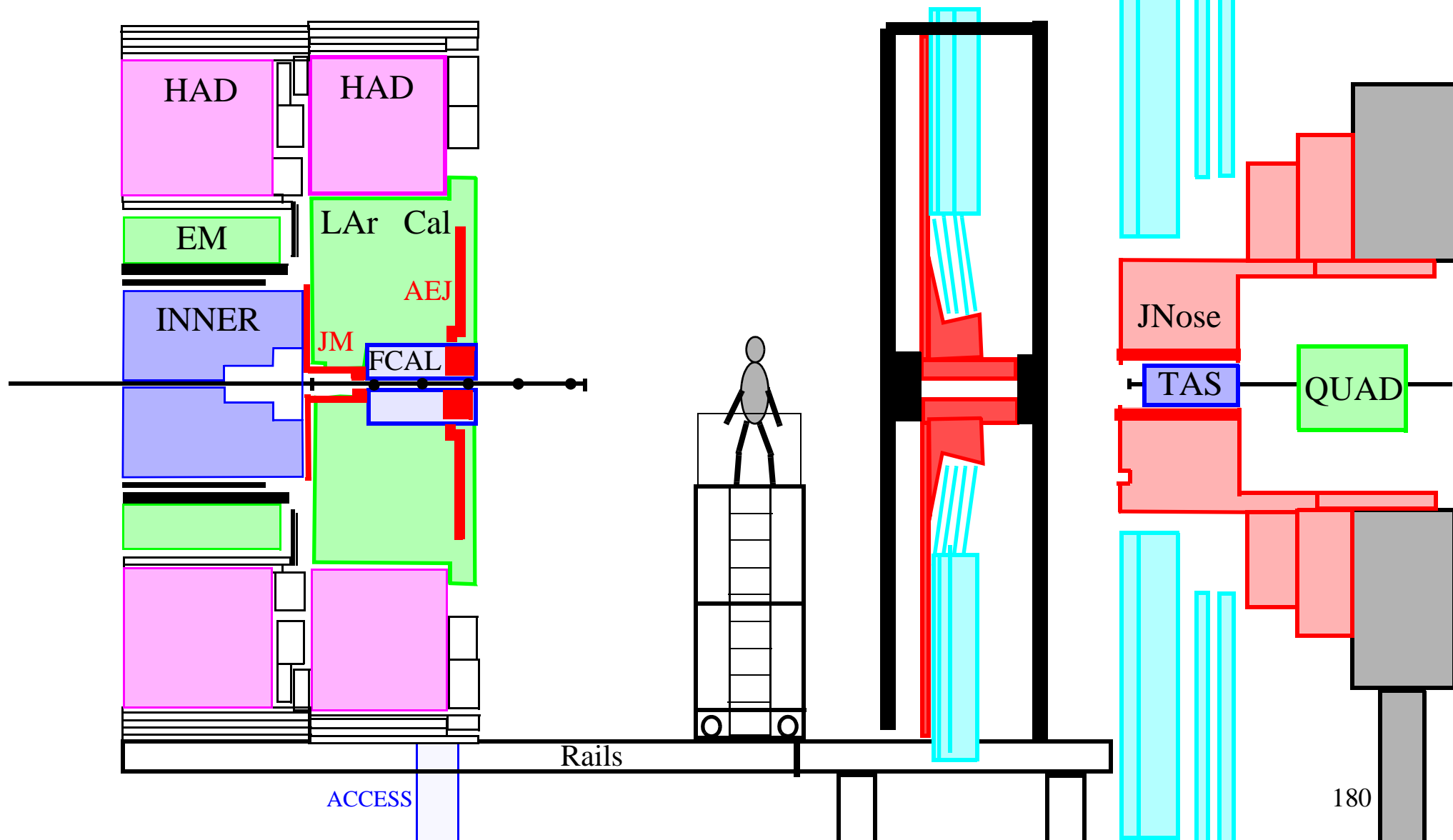
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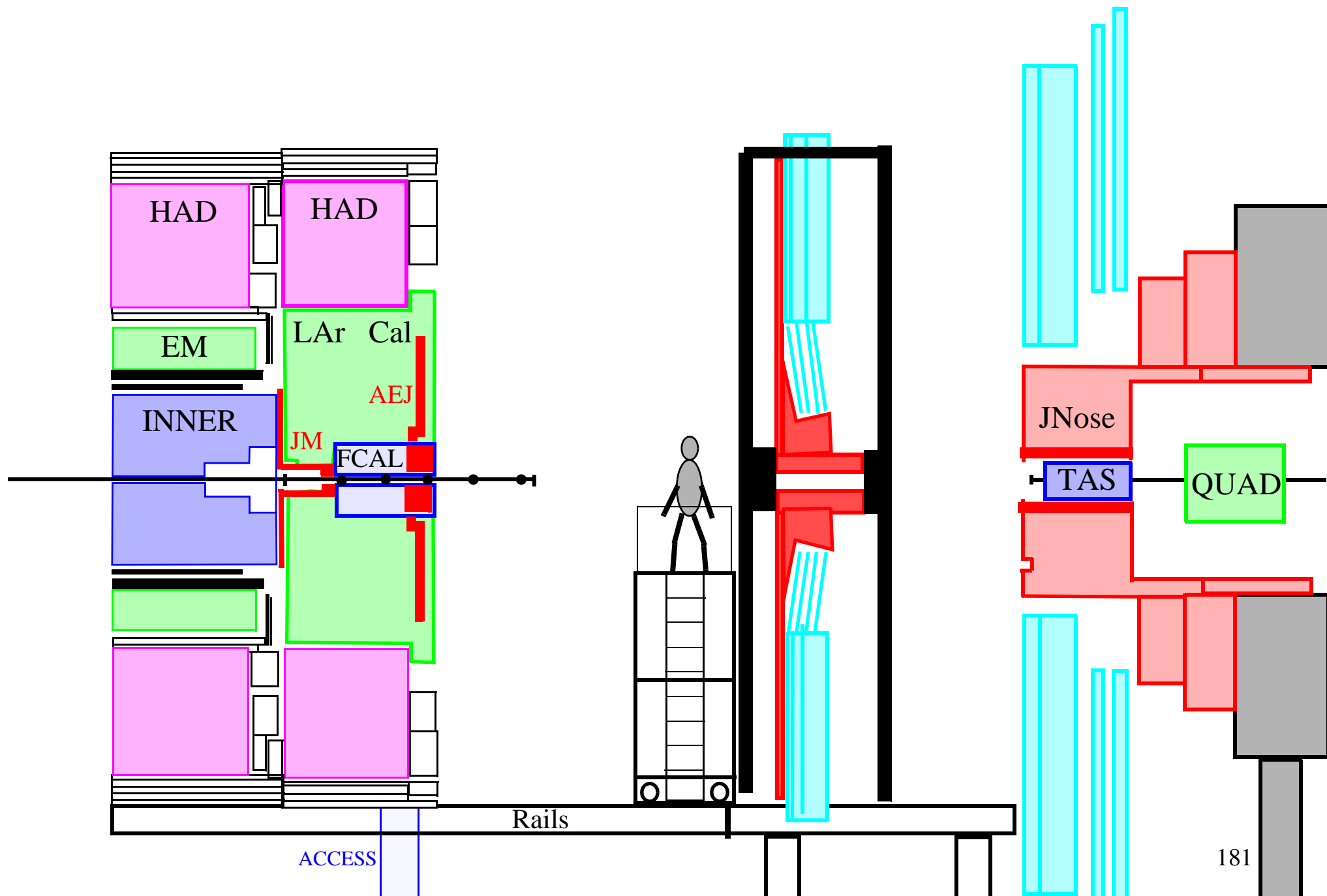
1664

800



The JD/SW has to be moved towards the IP on its airpads.





20 T THEORETICAL ZONE

20 T SAFETY ZONE

20 F EXTENDED ZONE

ECT

JD

15787

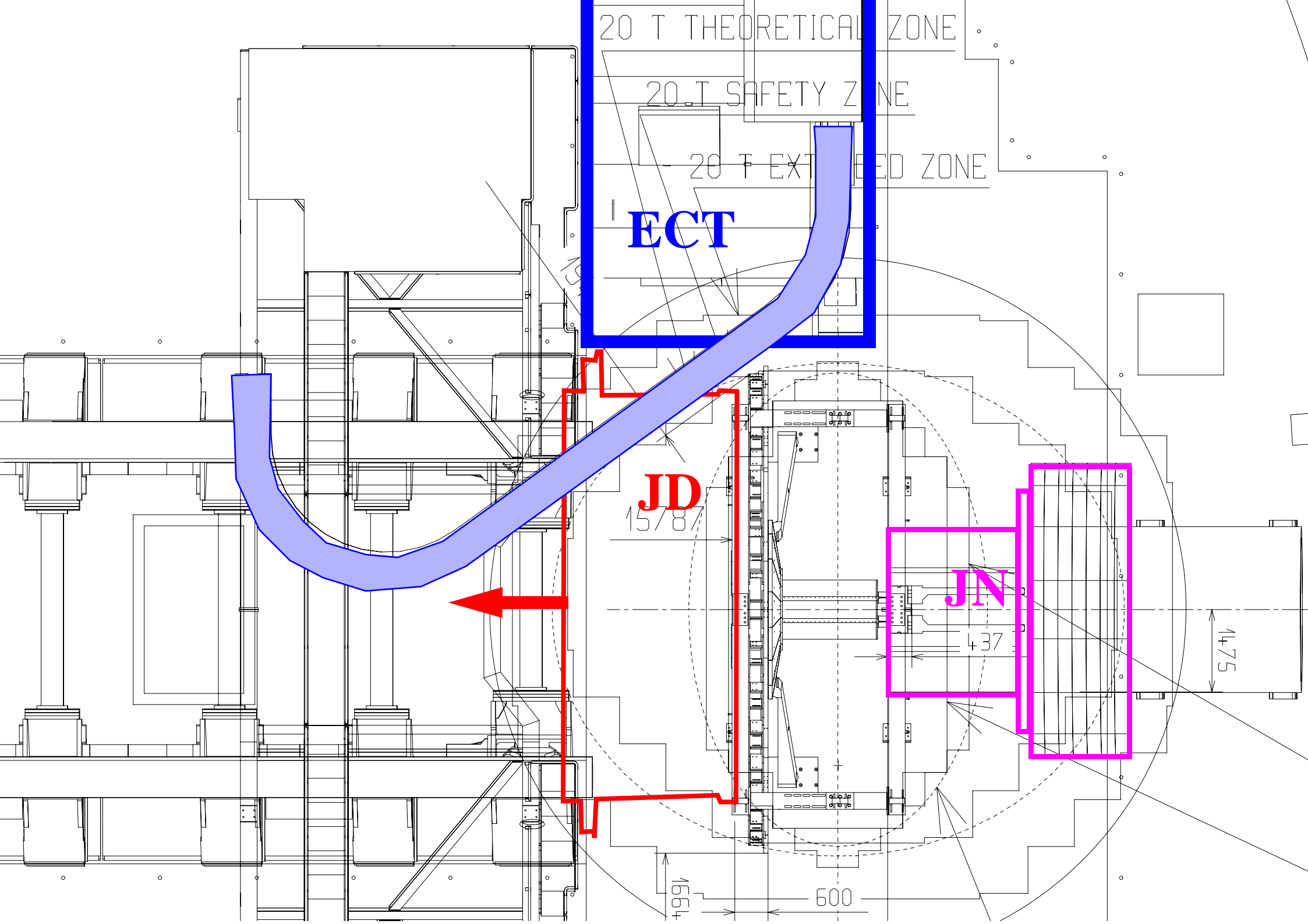
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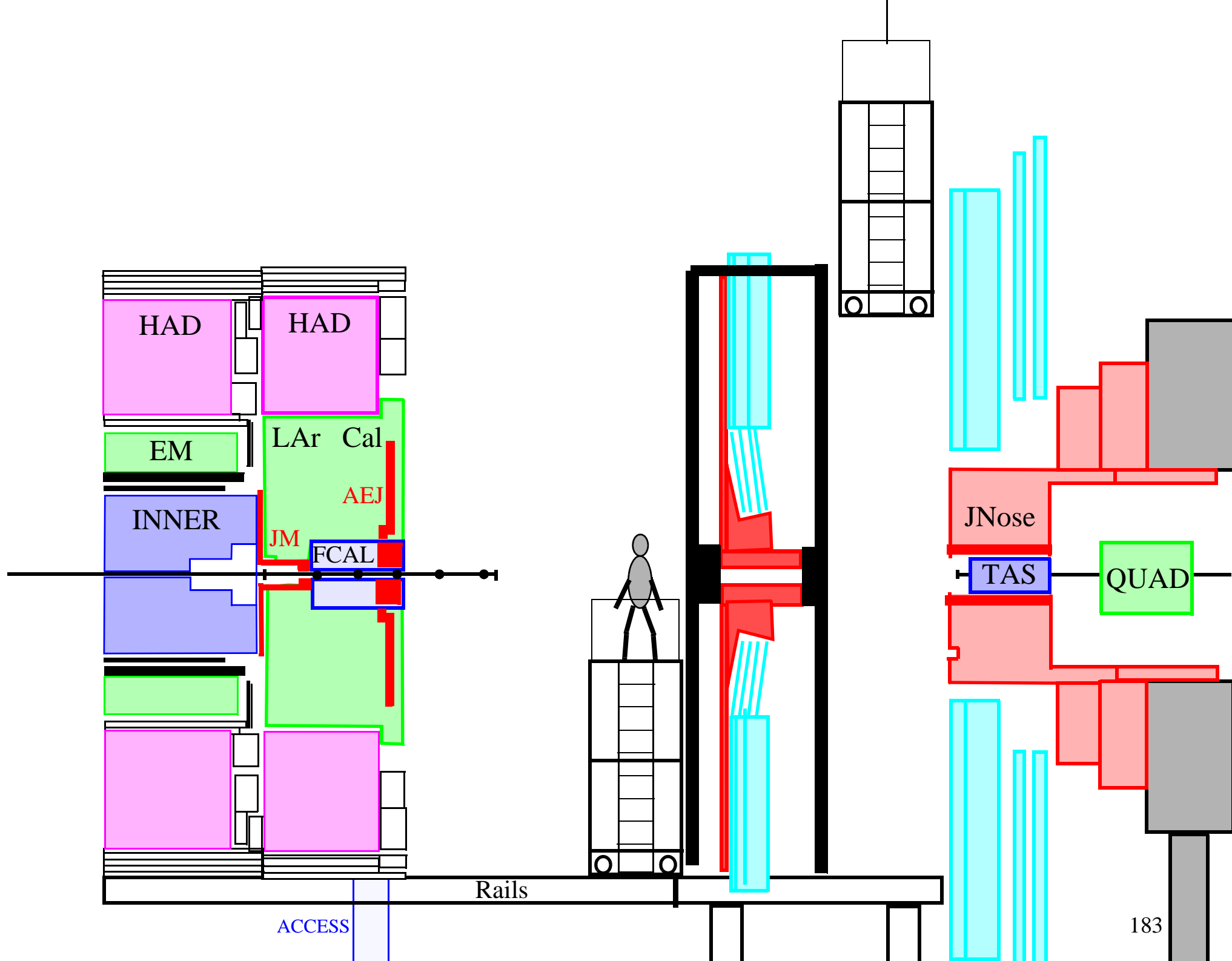
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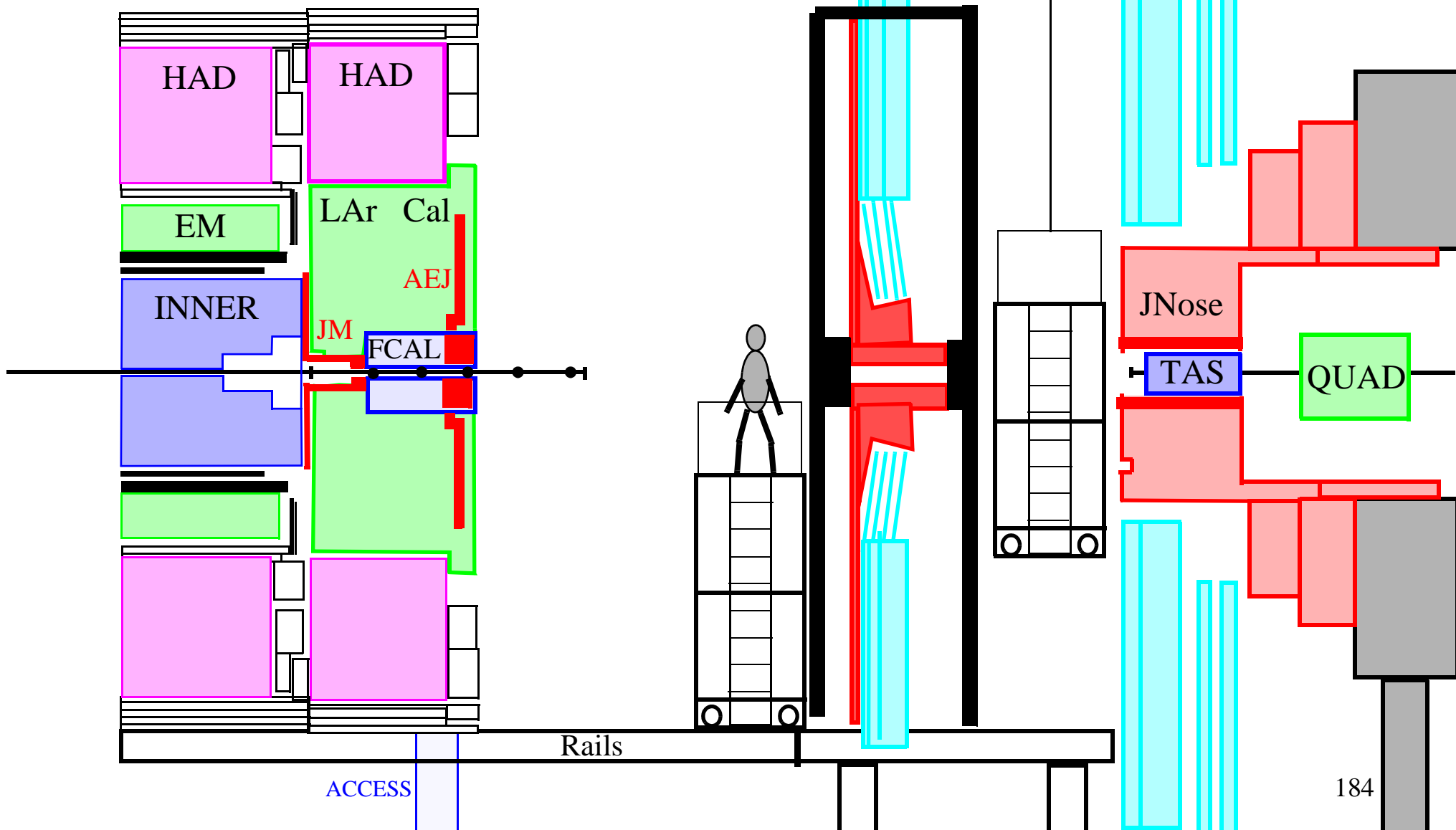
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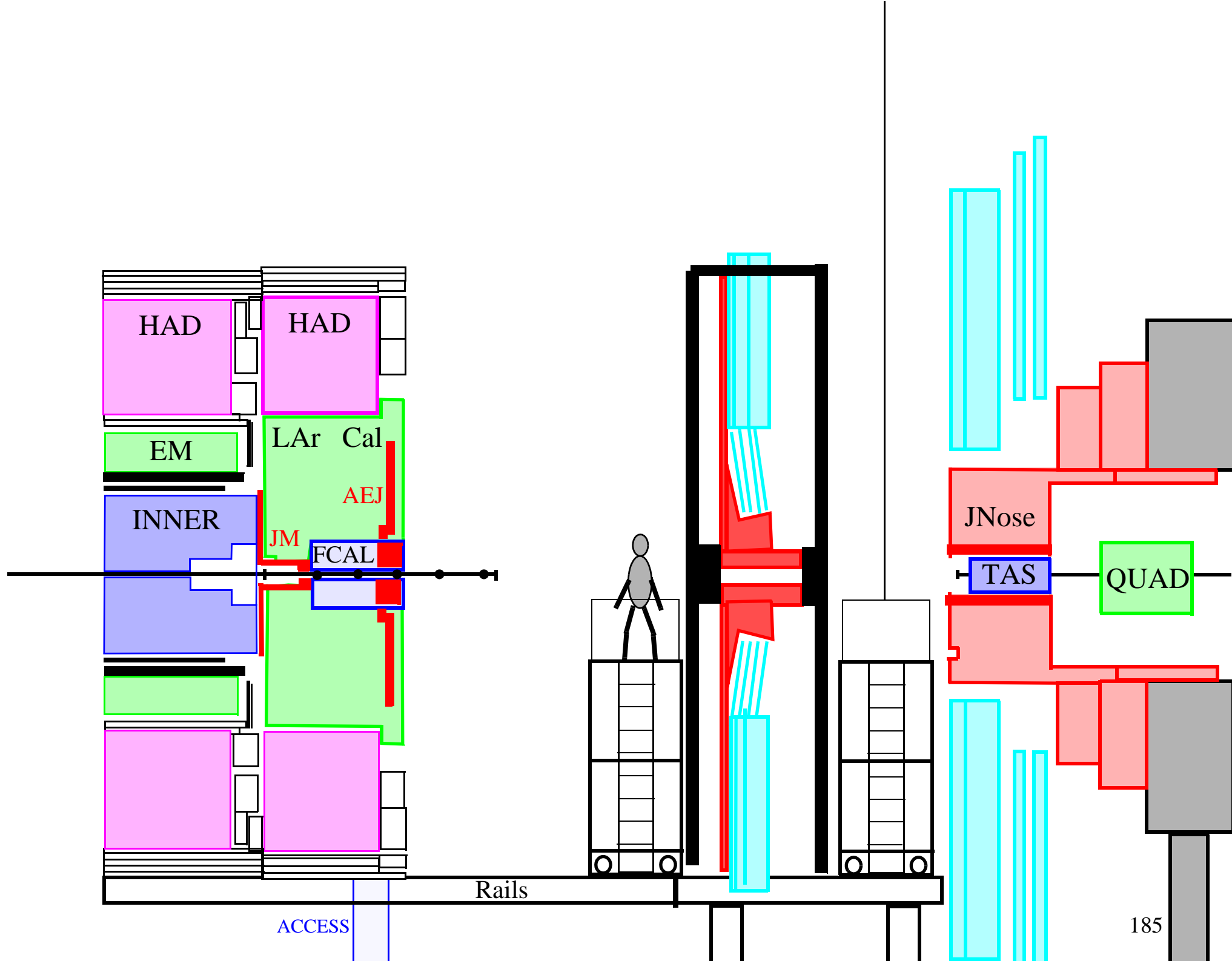
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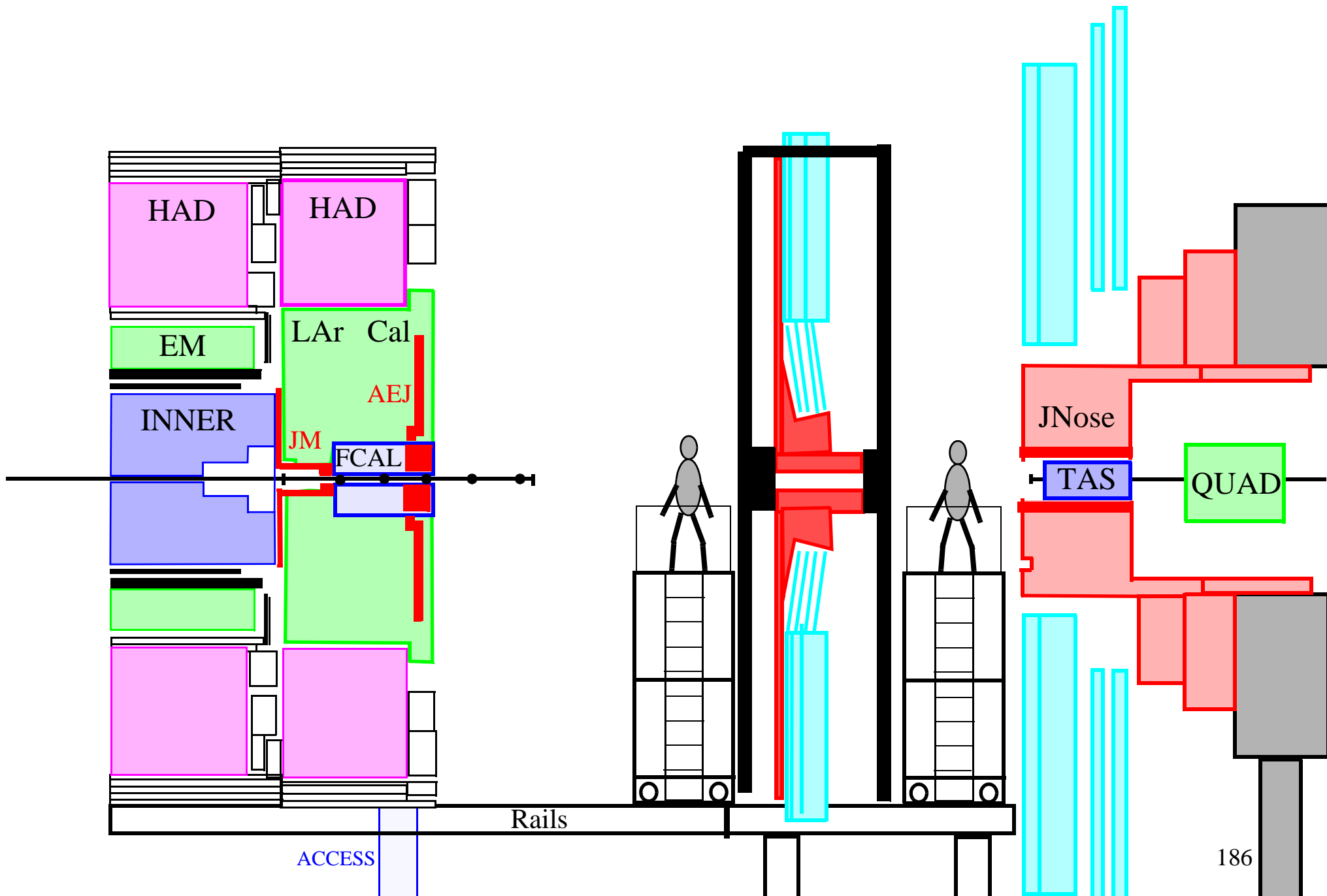
600

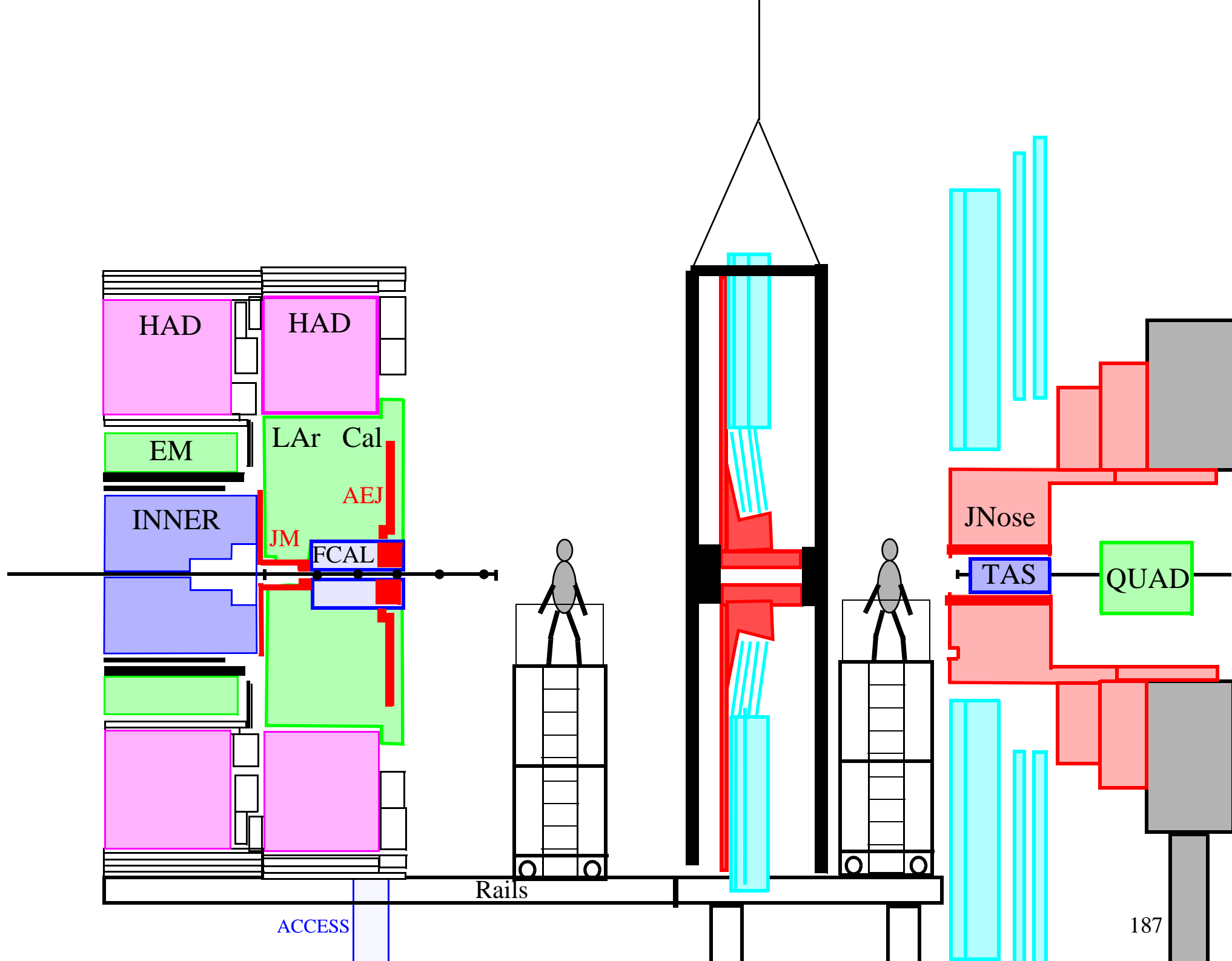












HAD

HAD

EM

LAr Cal

INNER

AEJ

JM

FCAL

JNose

TAS

QUAD

RAILS

ACCESS

20 T THEORETICAL ZONE

20 T SAFETY ZONE

20 F EXTENDED ZONE

ECT

New
Liftingpoints

JD

JN

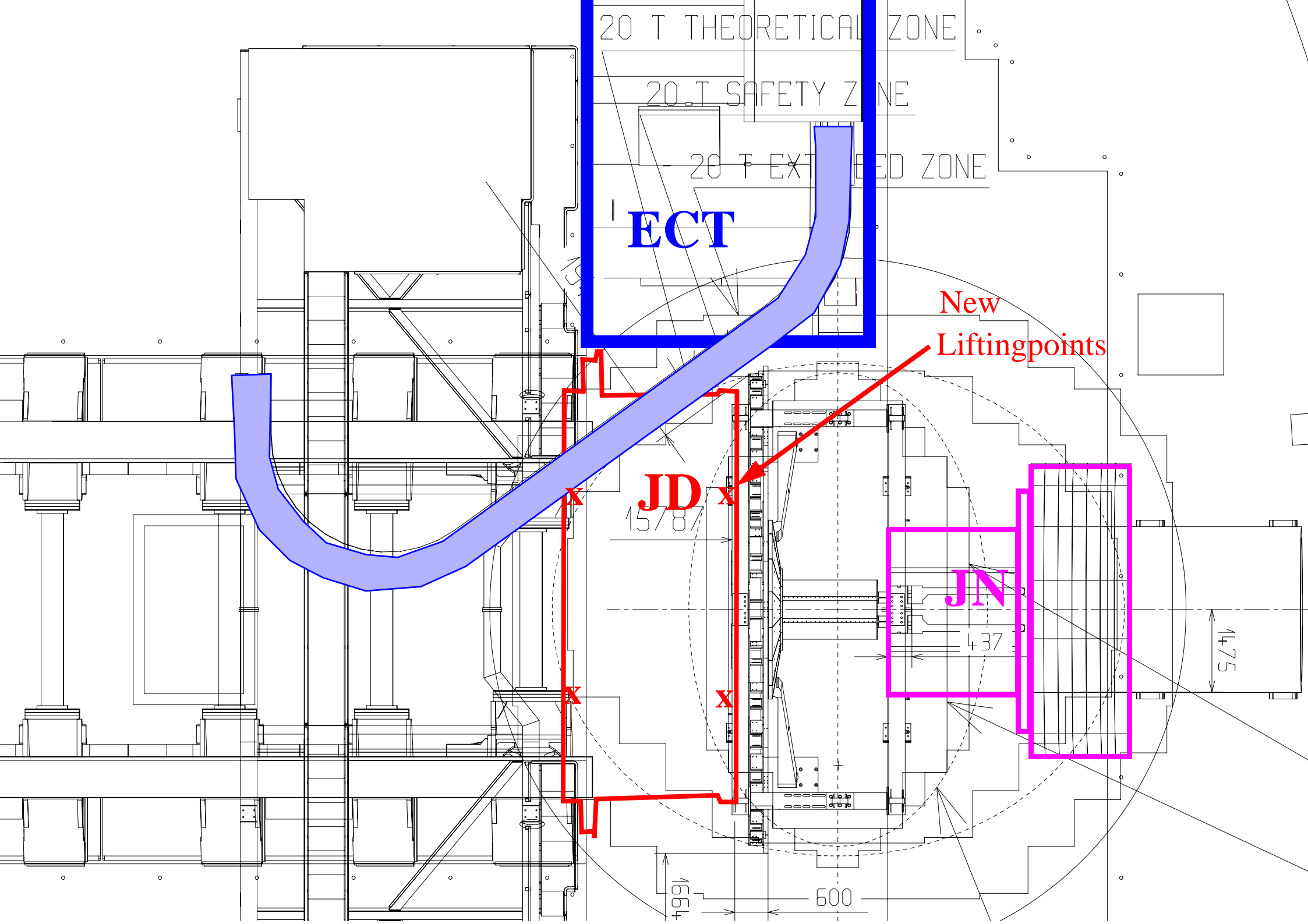
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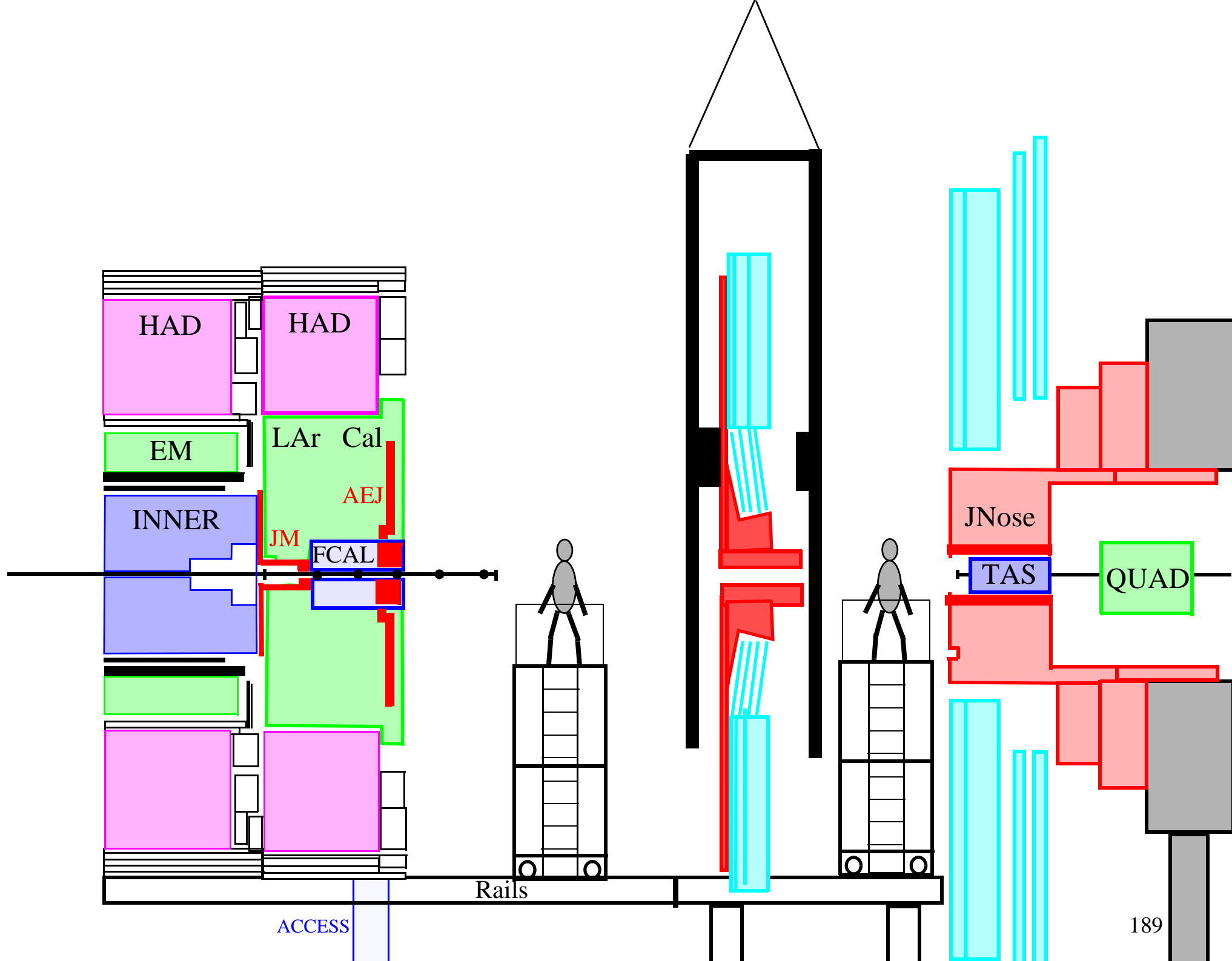
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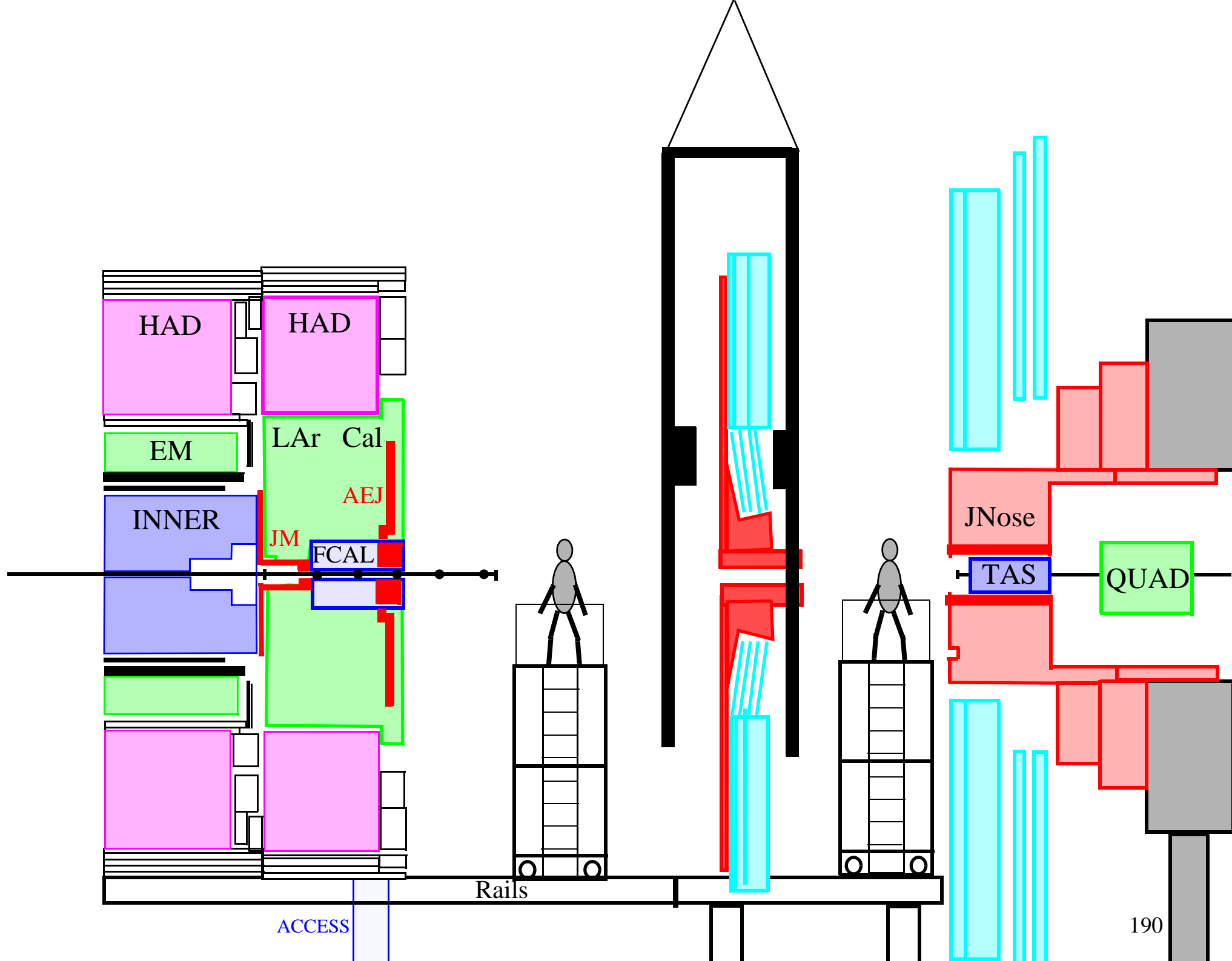
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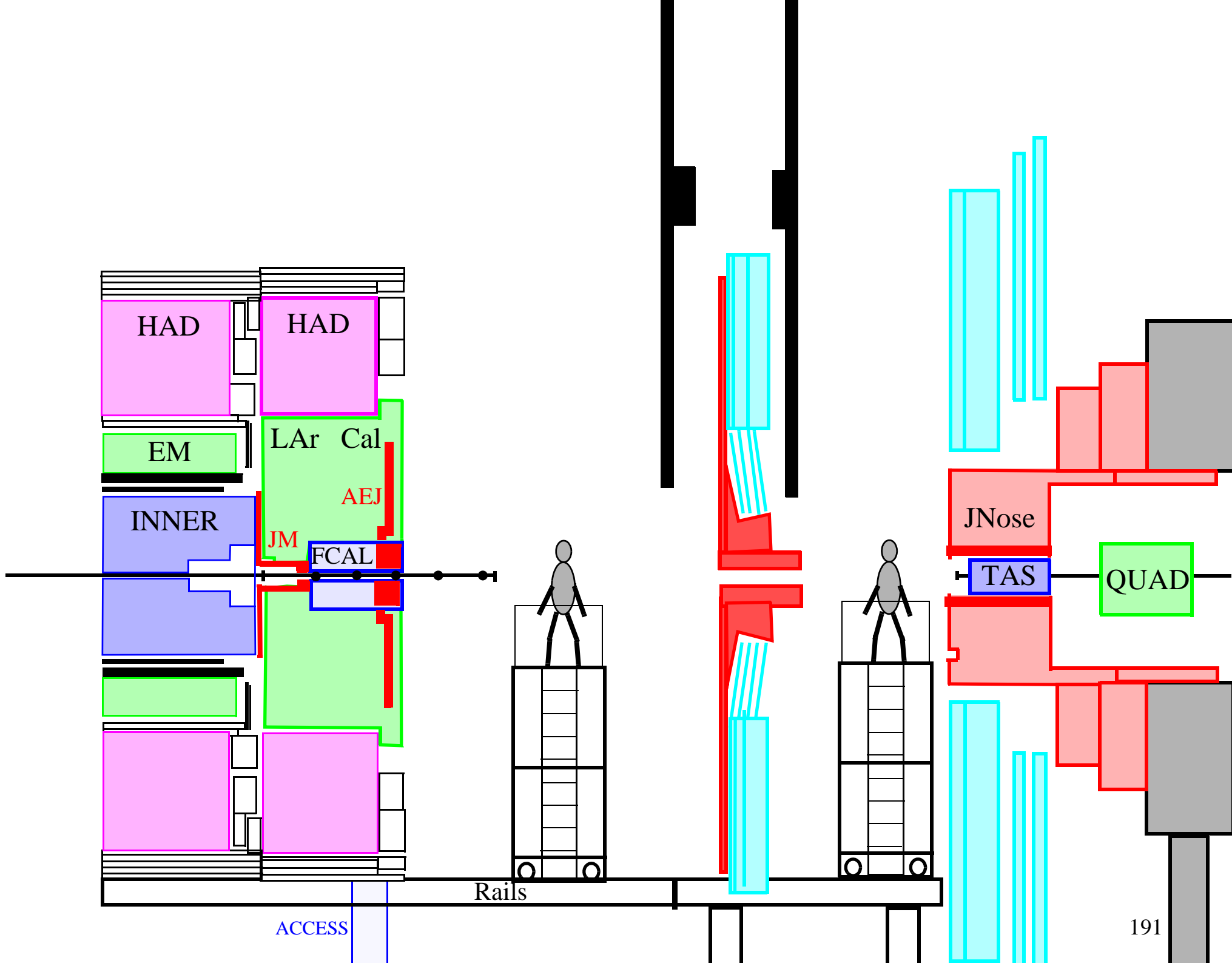
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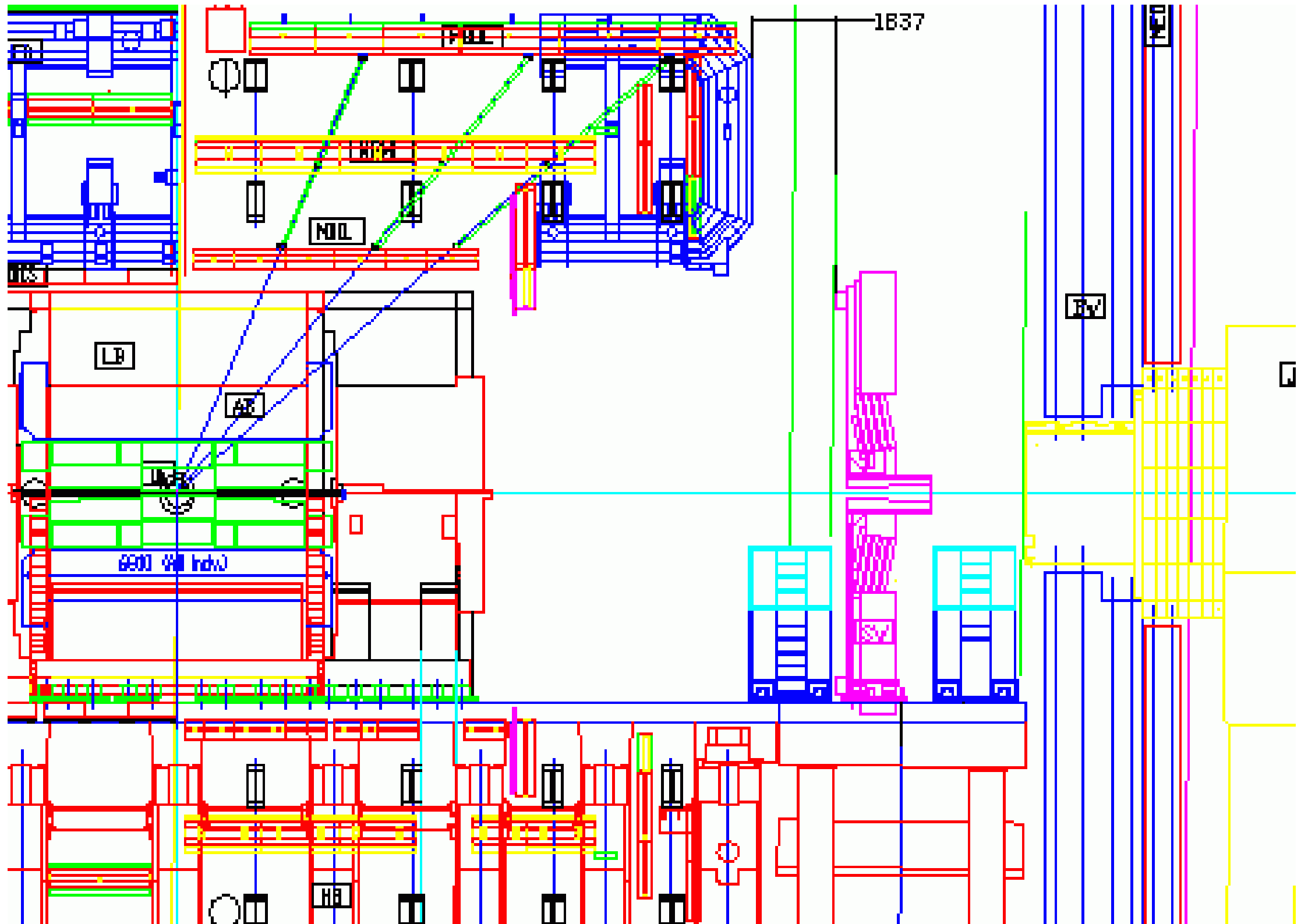
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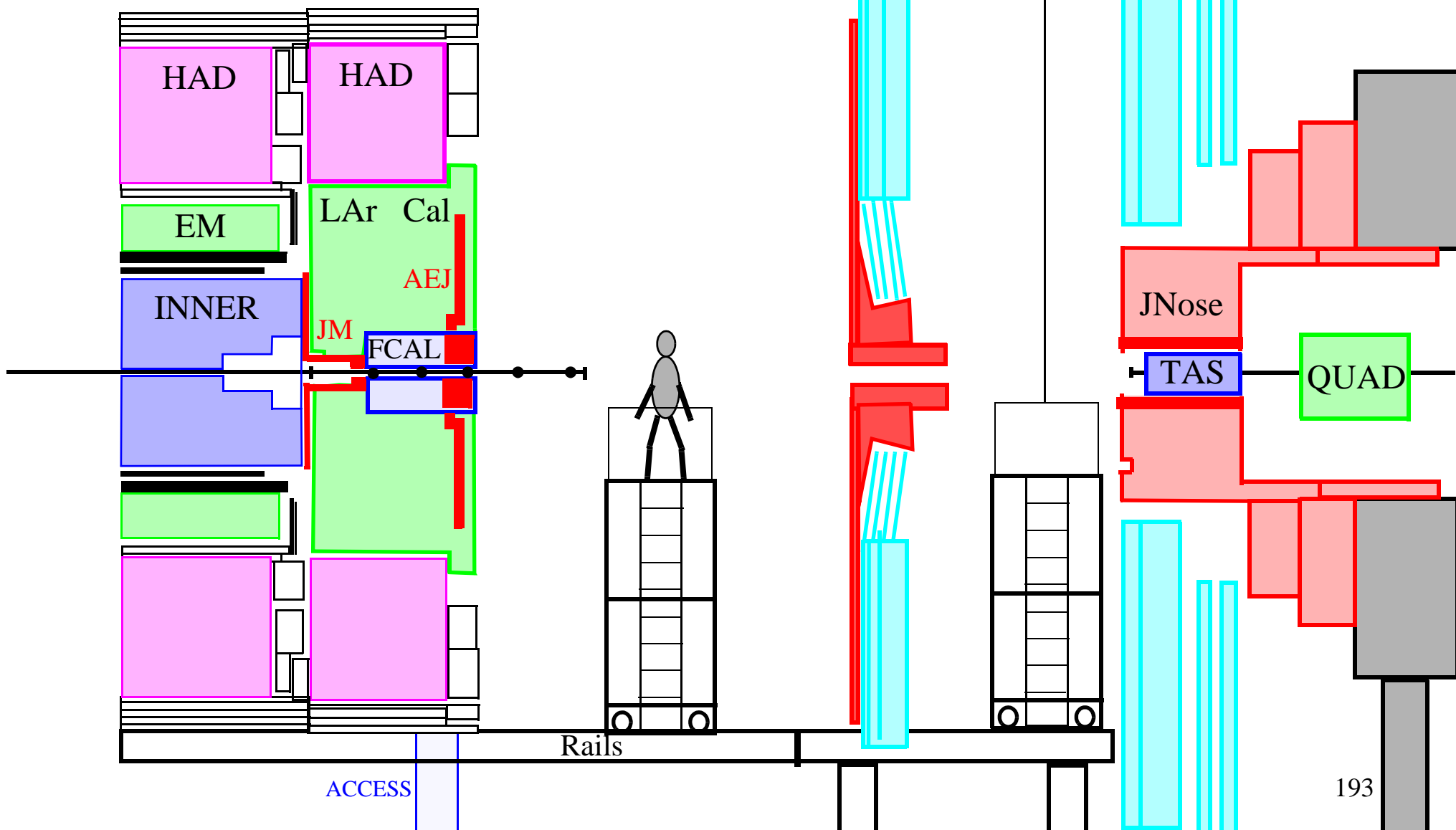


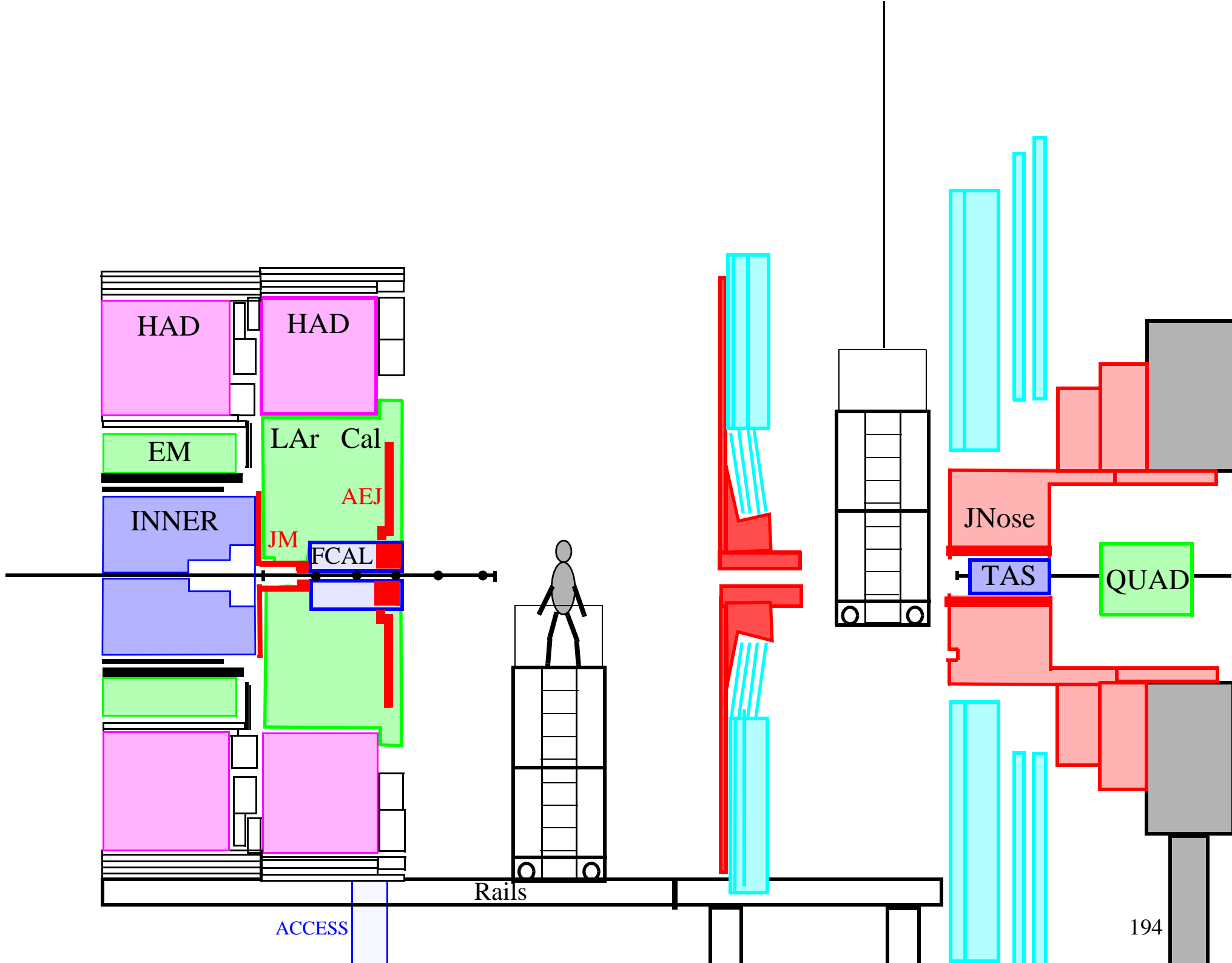












HAD

HAD

EM

LAr Cal

INNER

AEJ

JM

FCAL

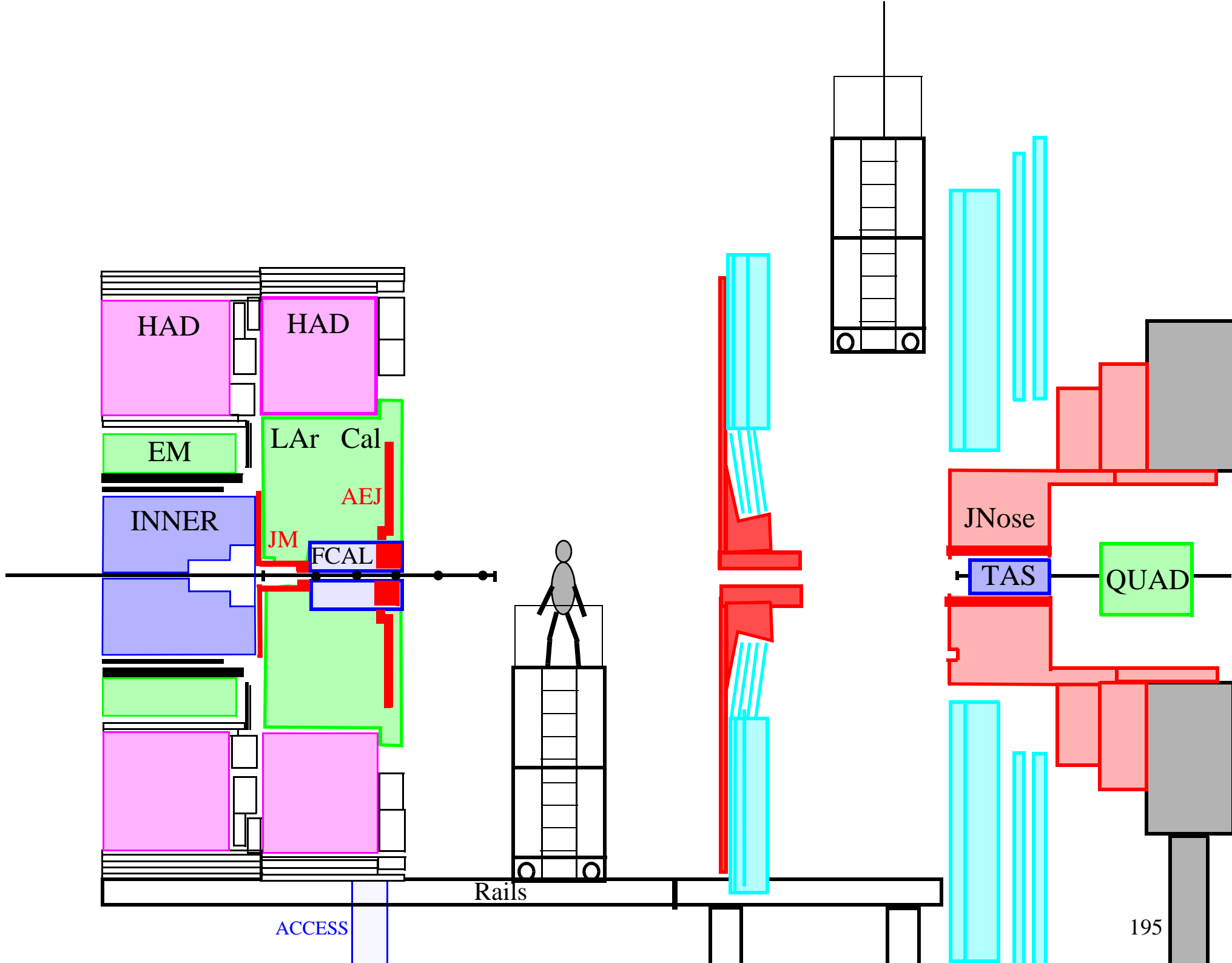
Rails

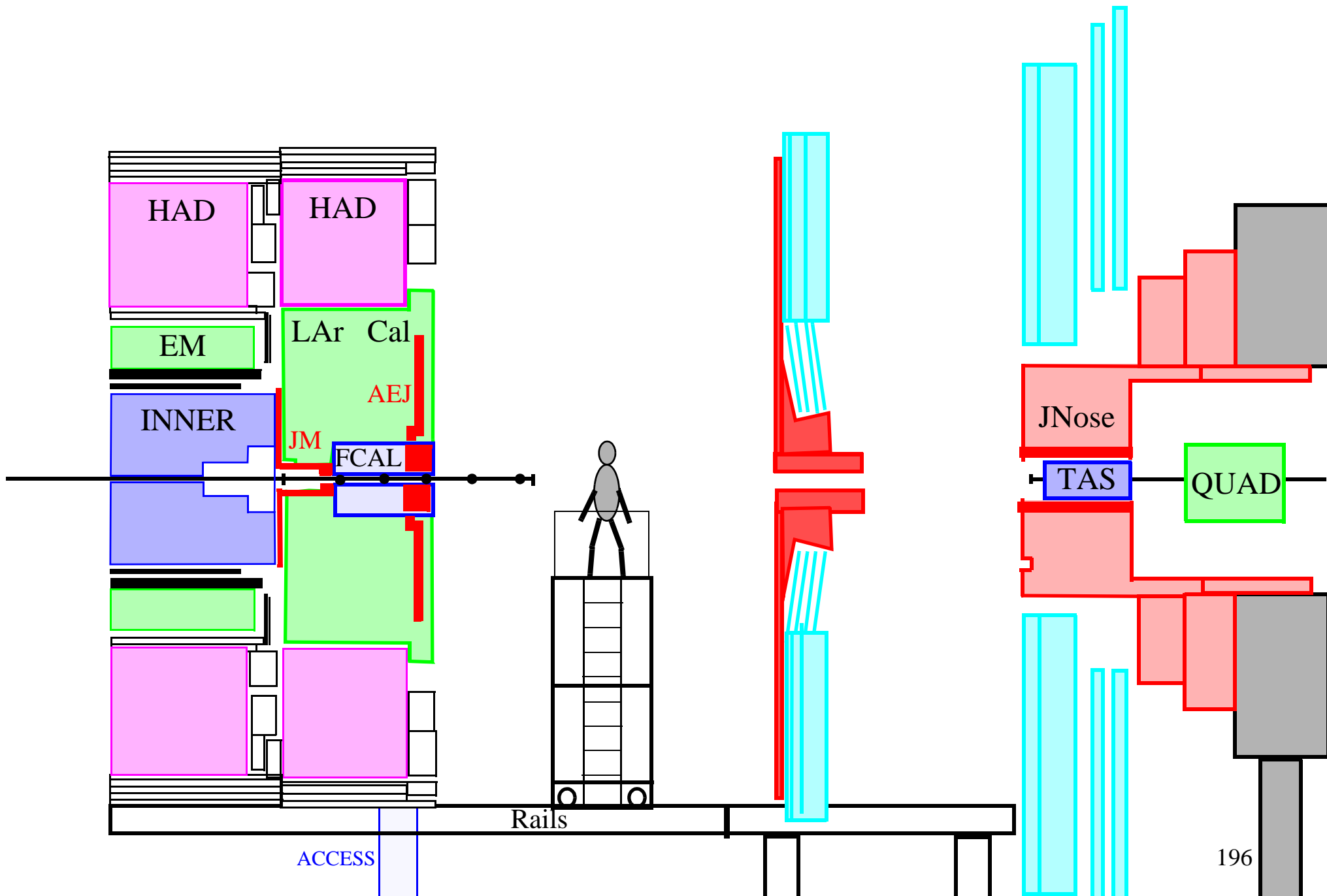
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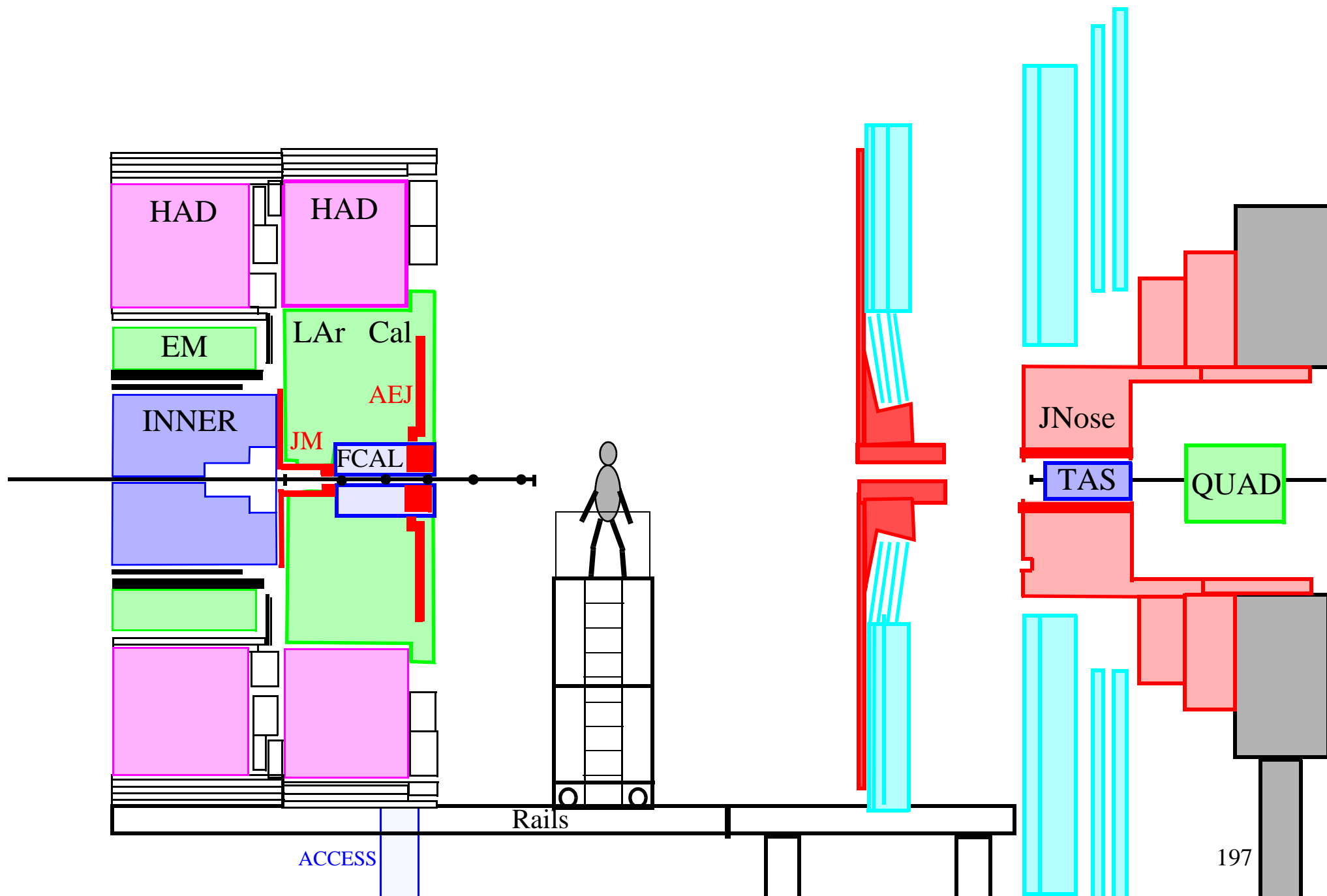
JNose

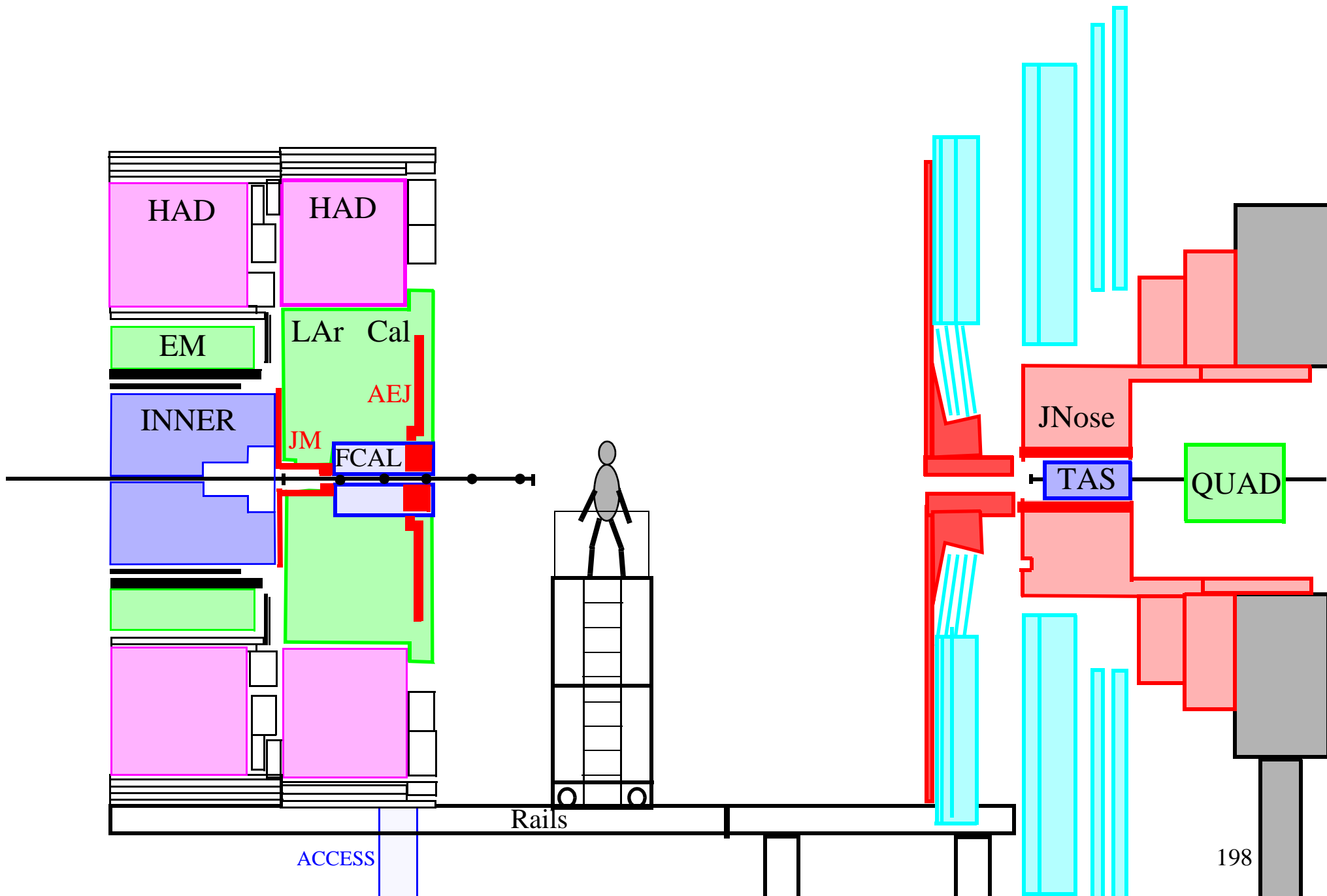
TAS

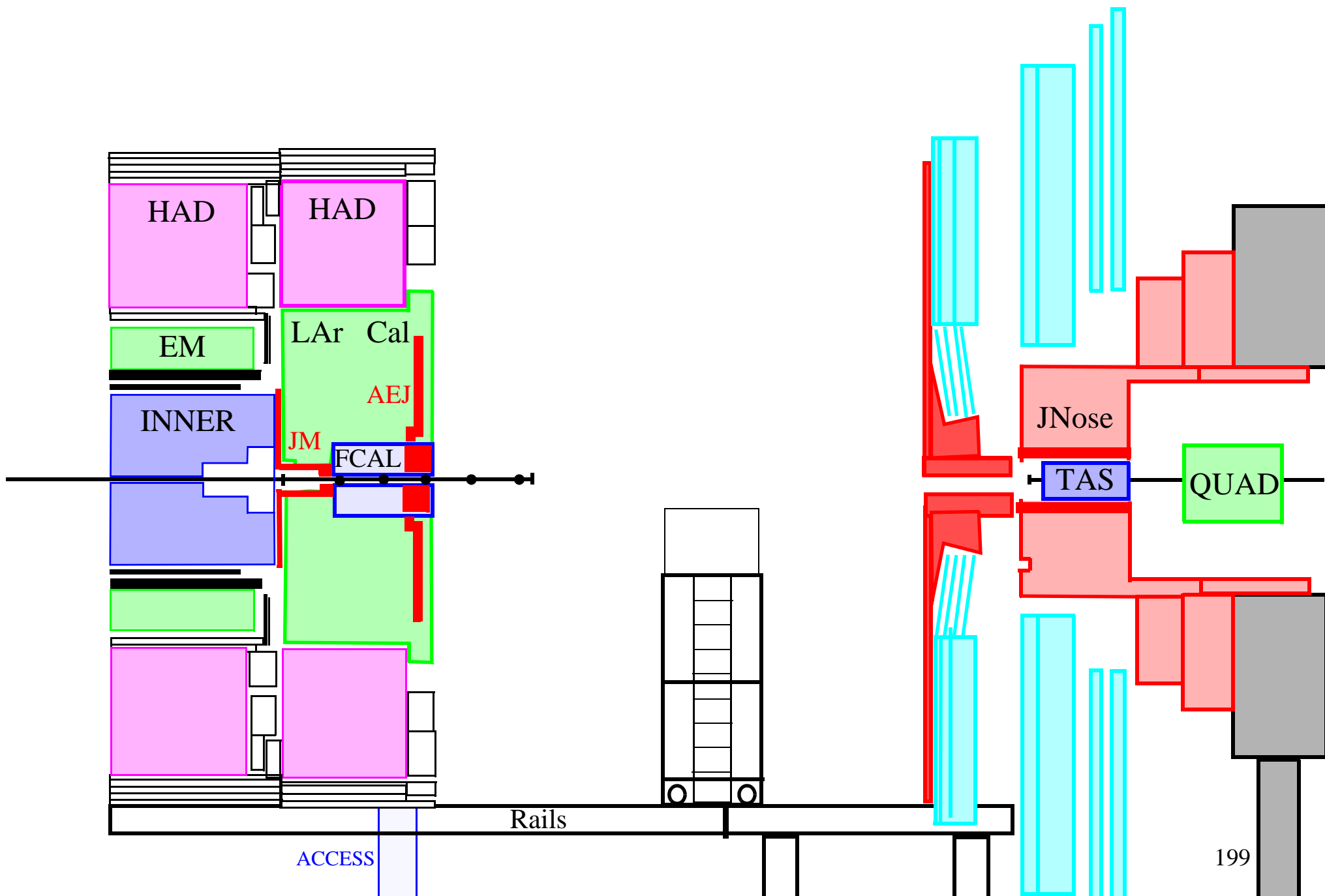
QUAD

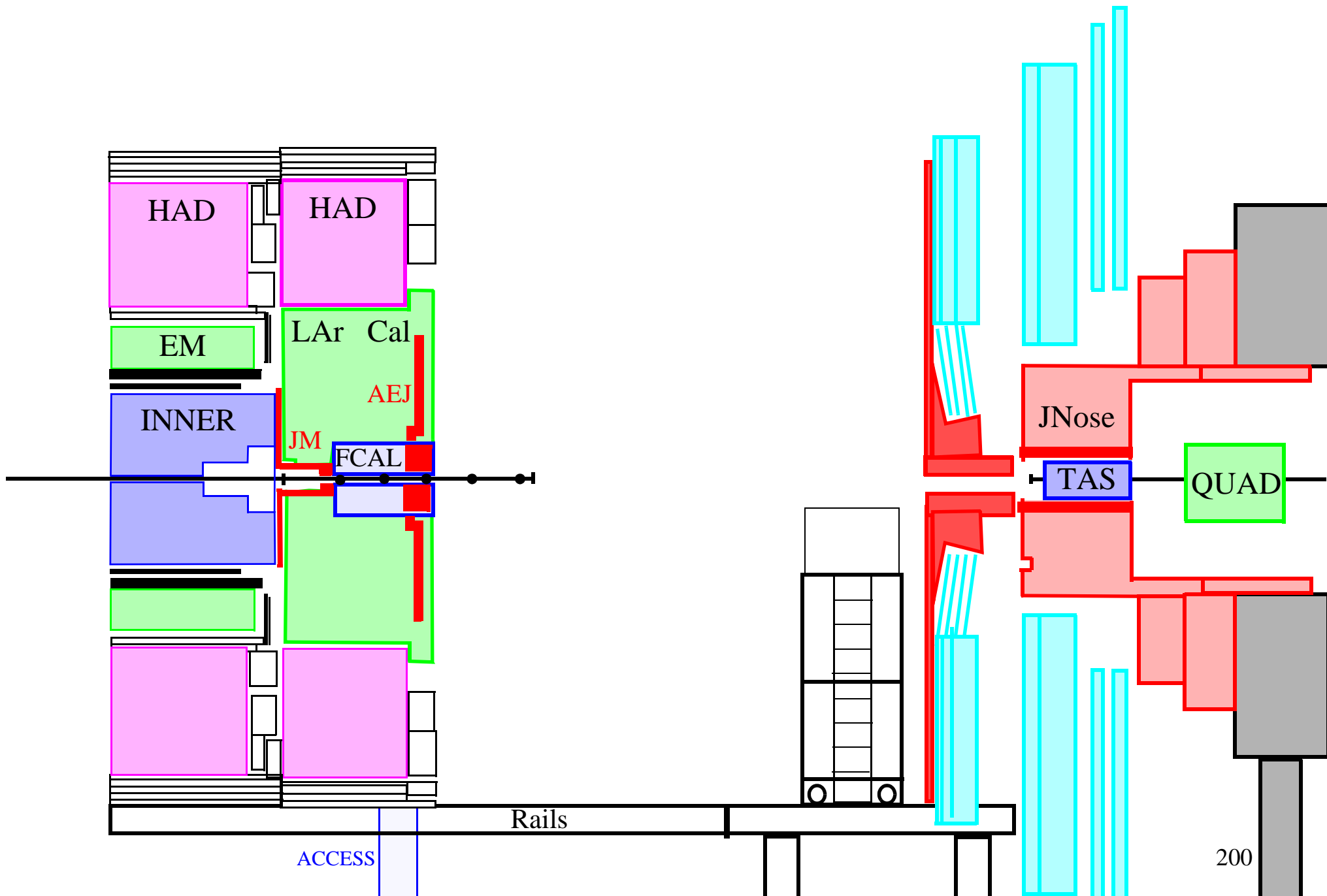


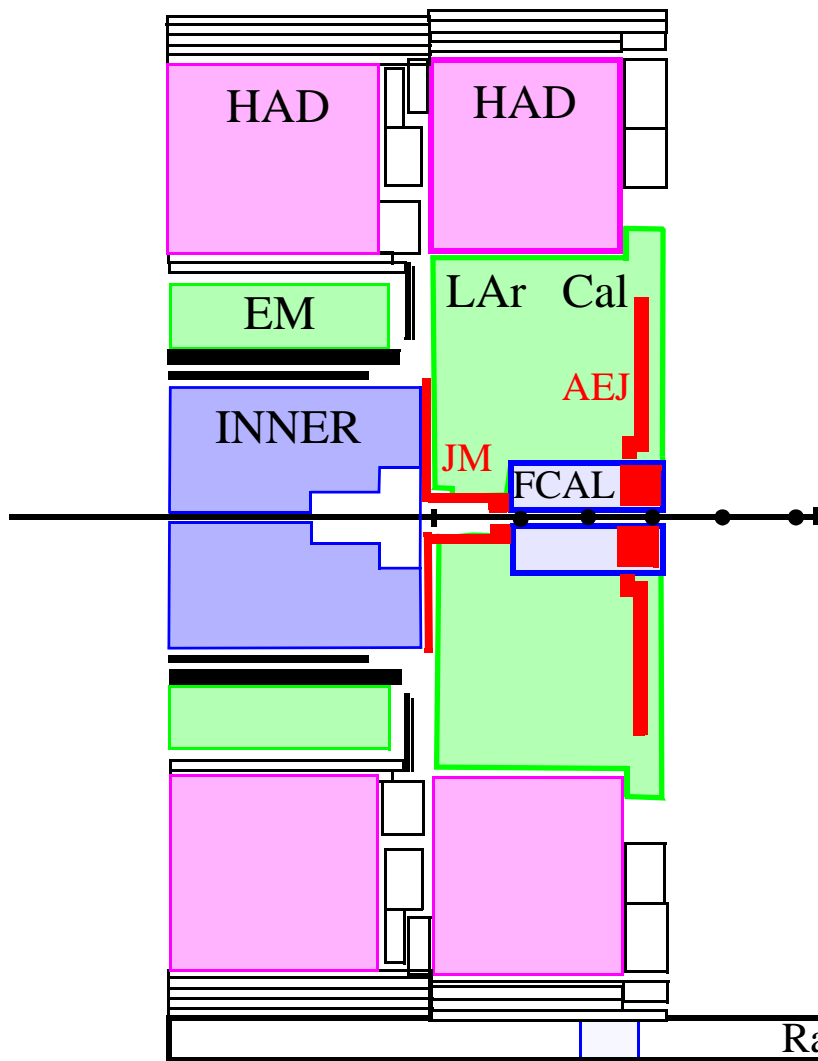




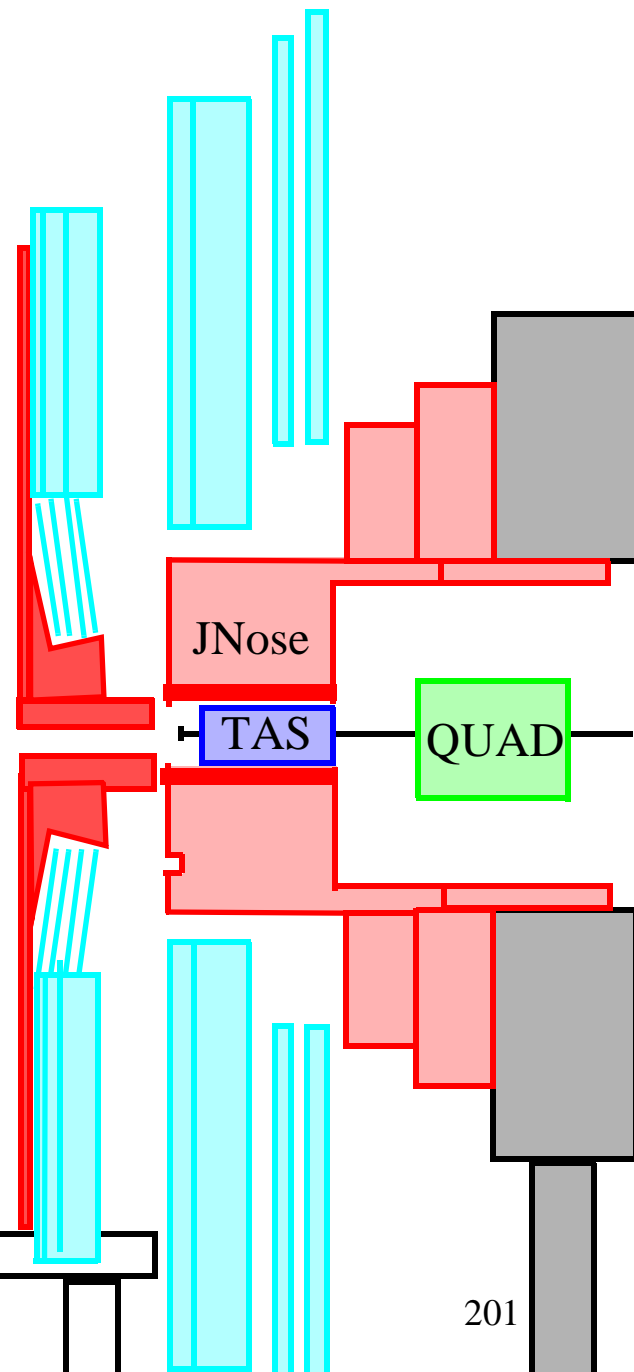
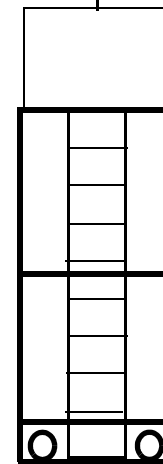




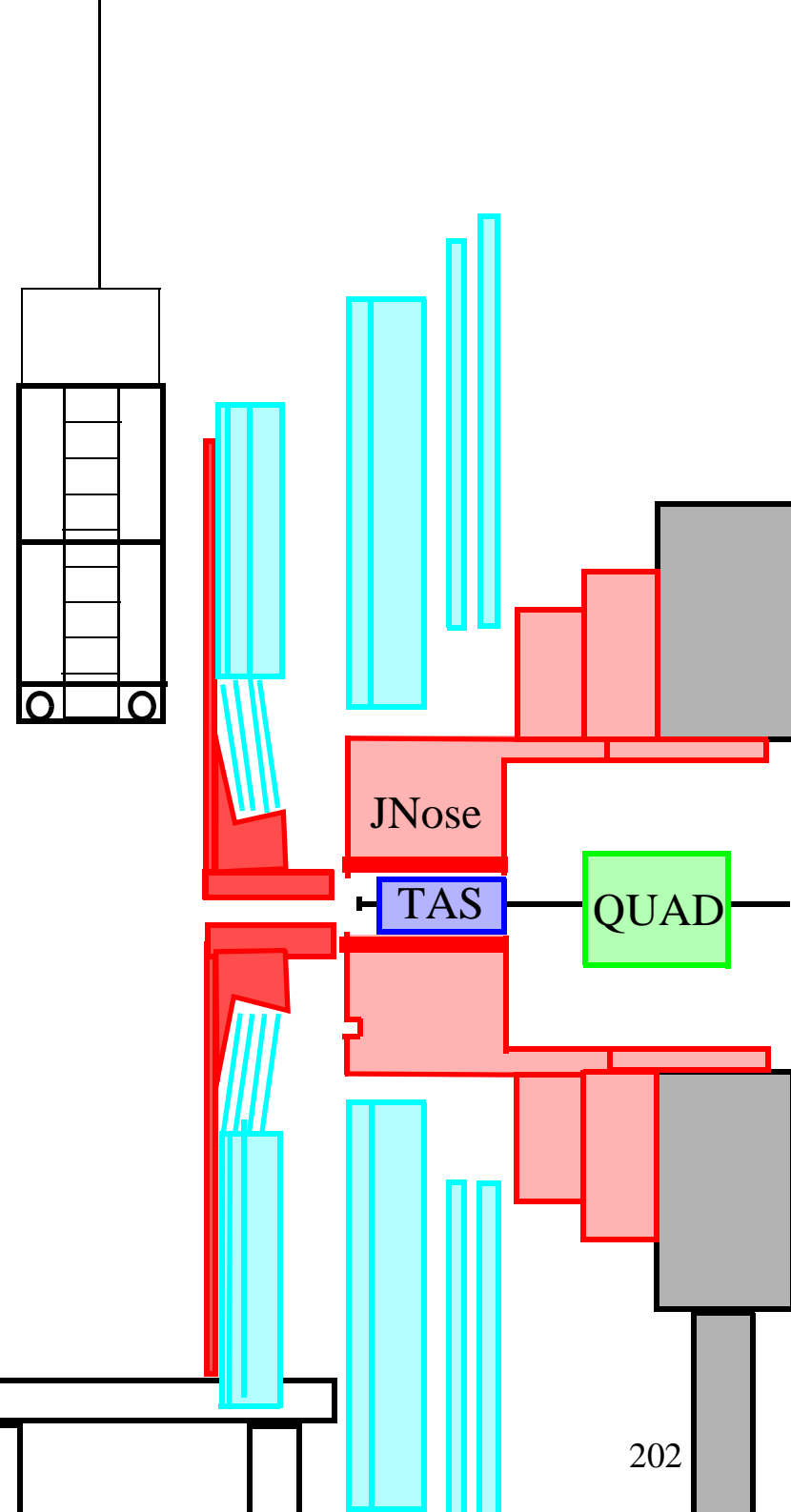
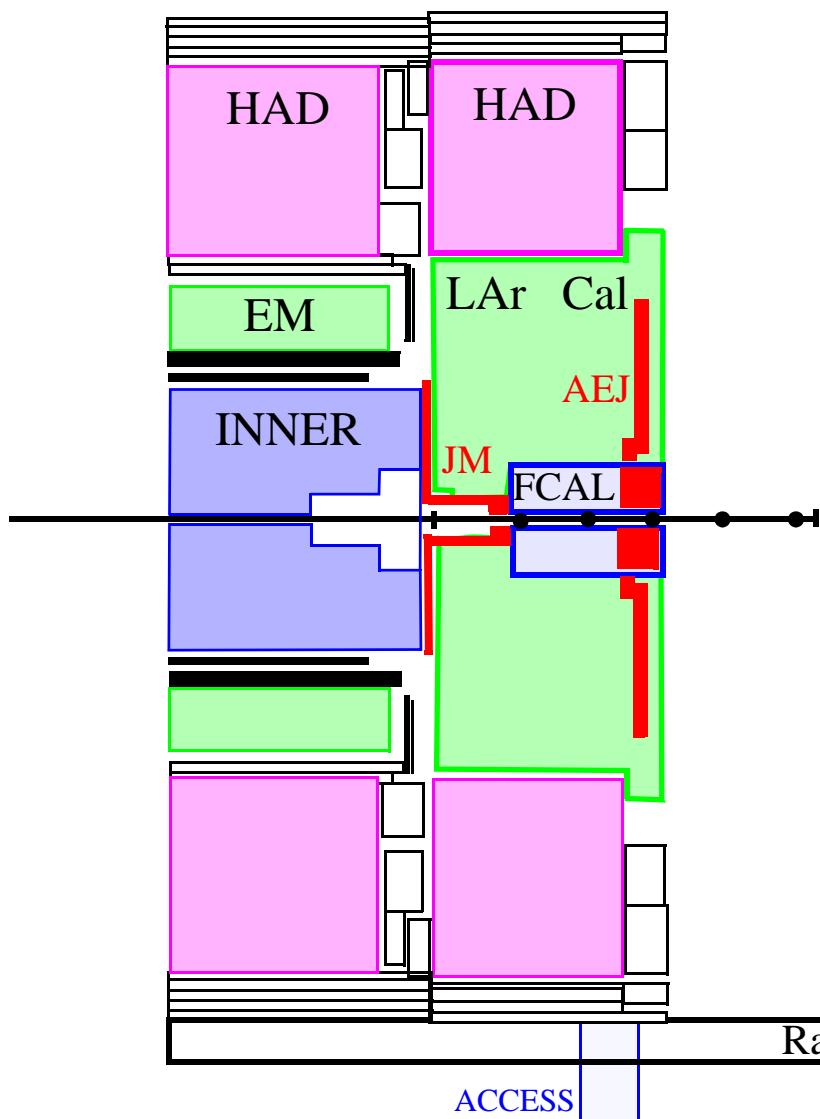


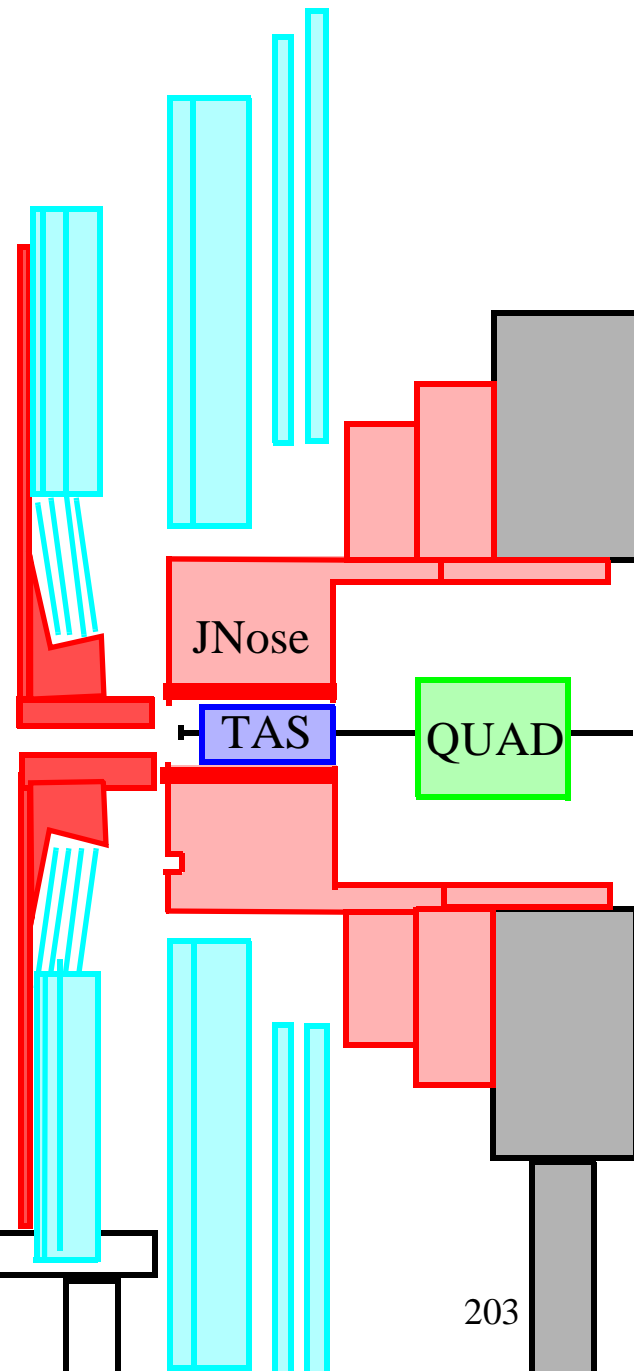
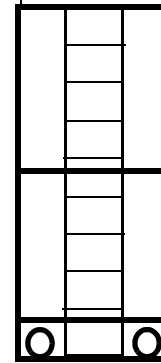
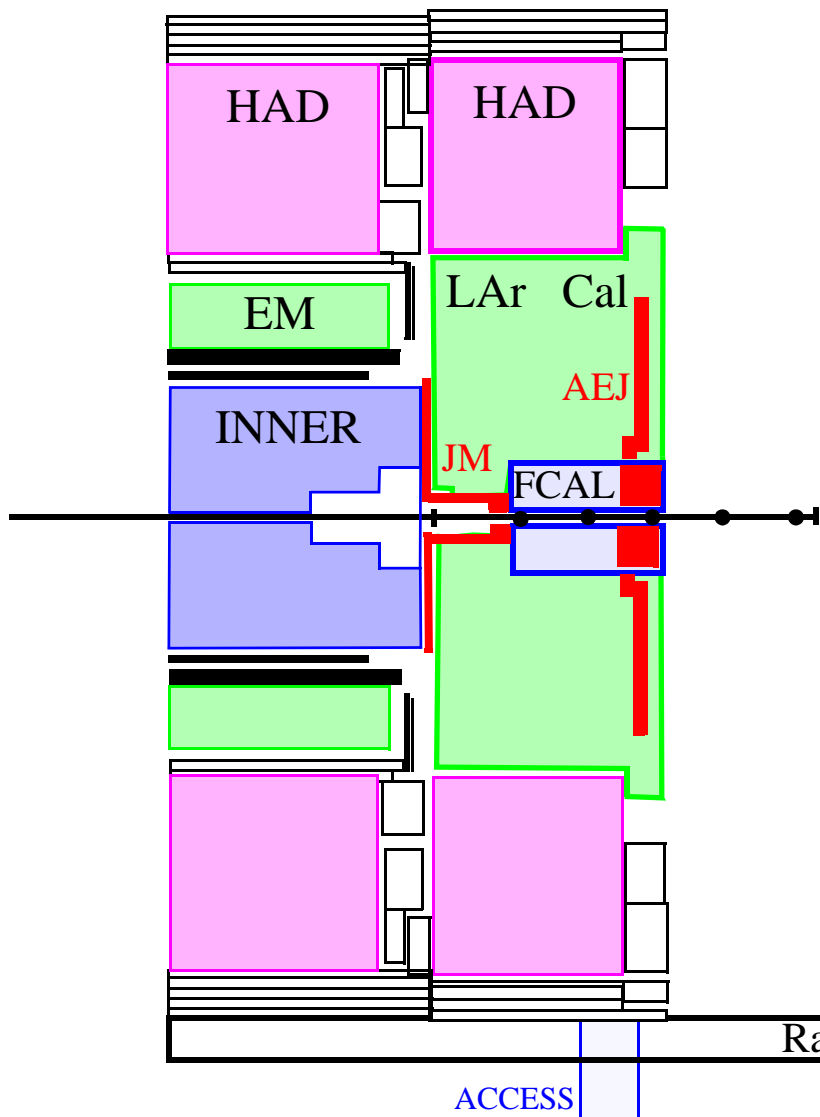


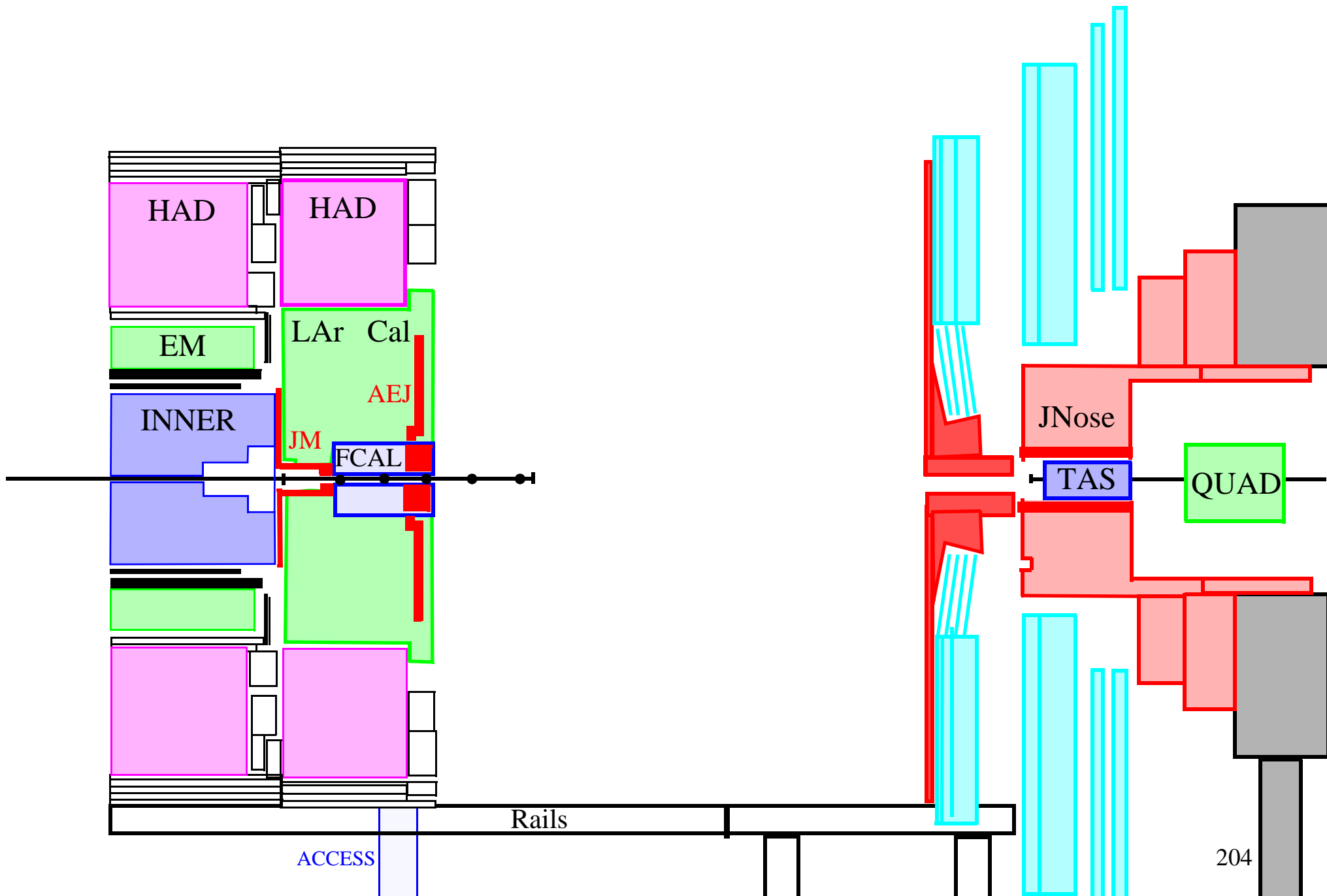
ACCESS

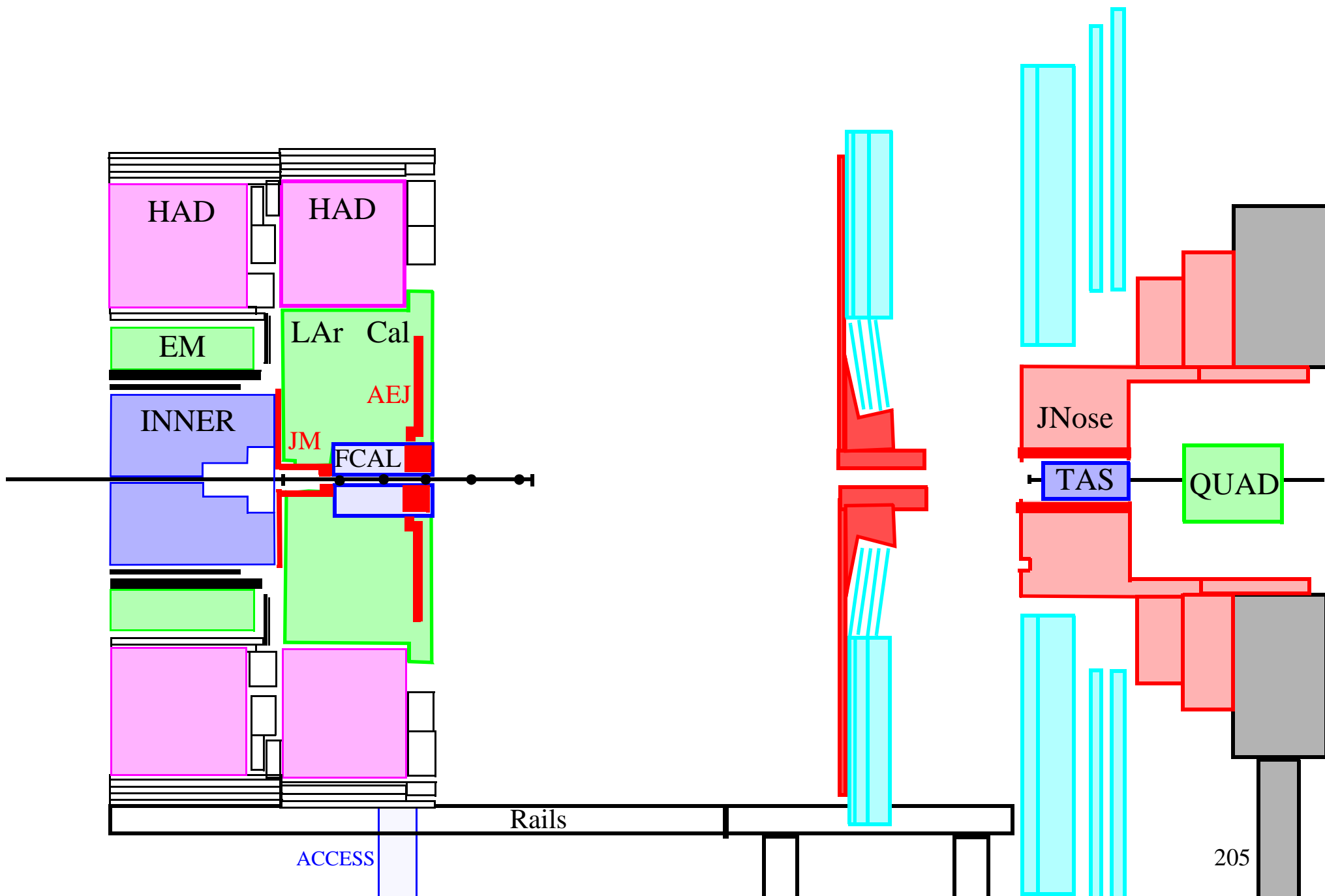


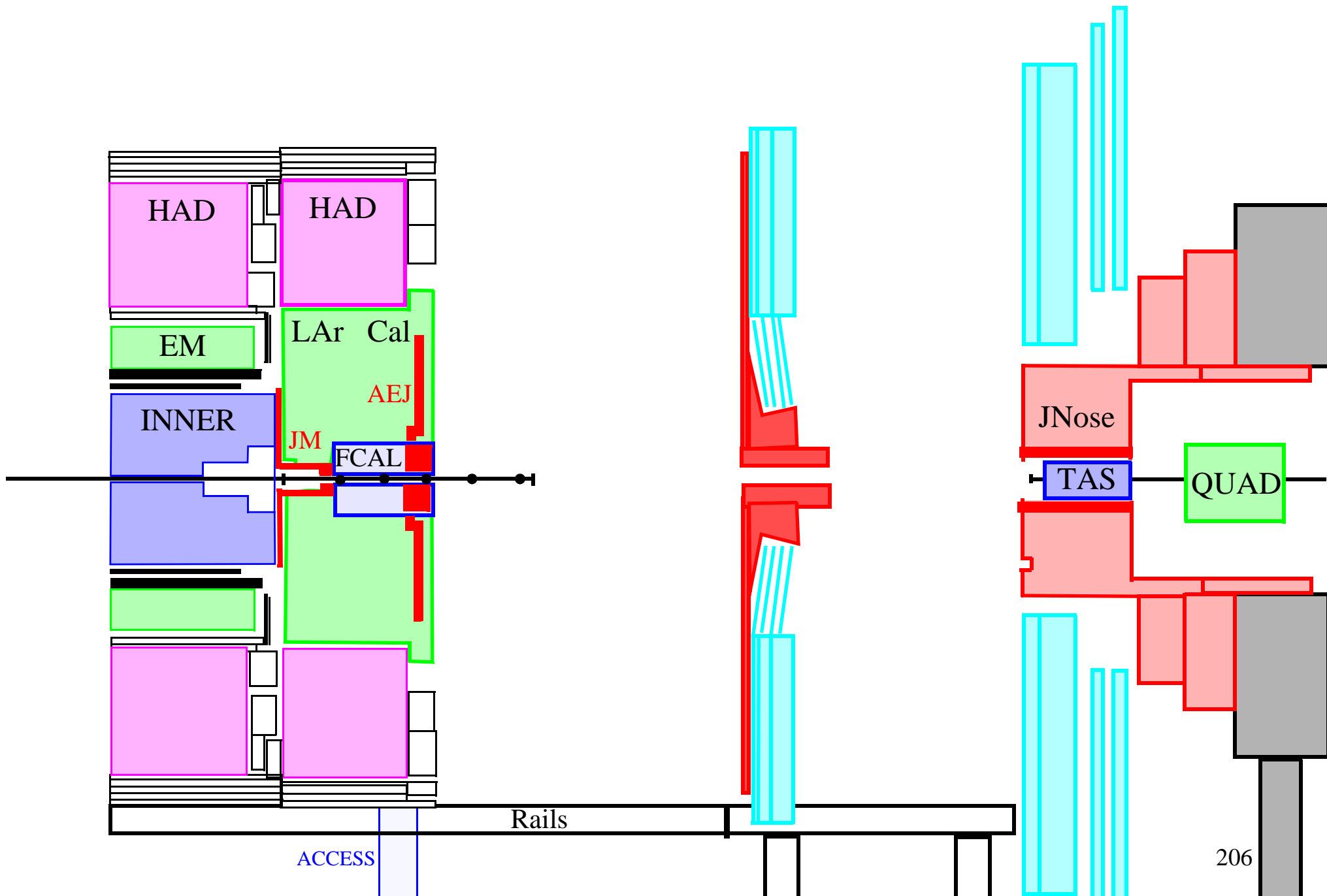
201

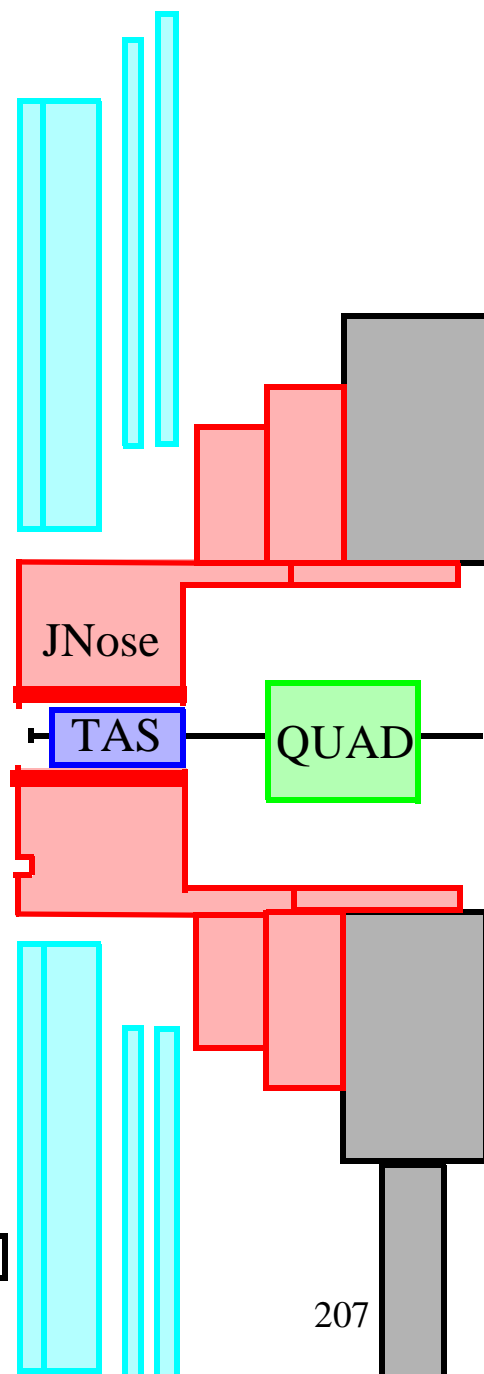
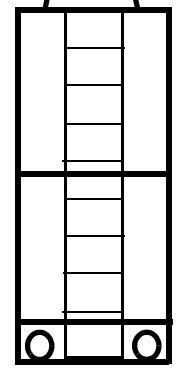
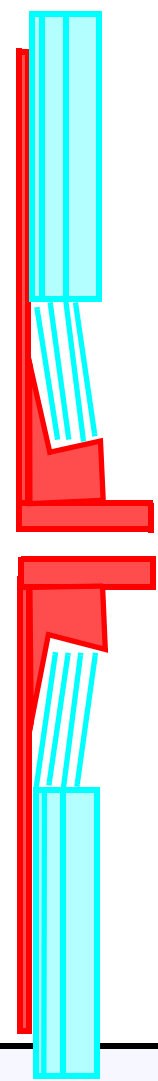
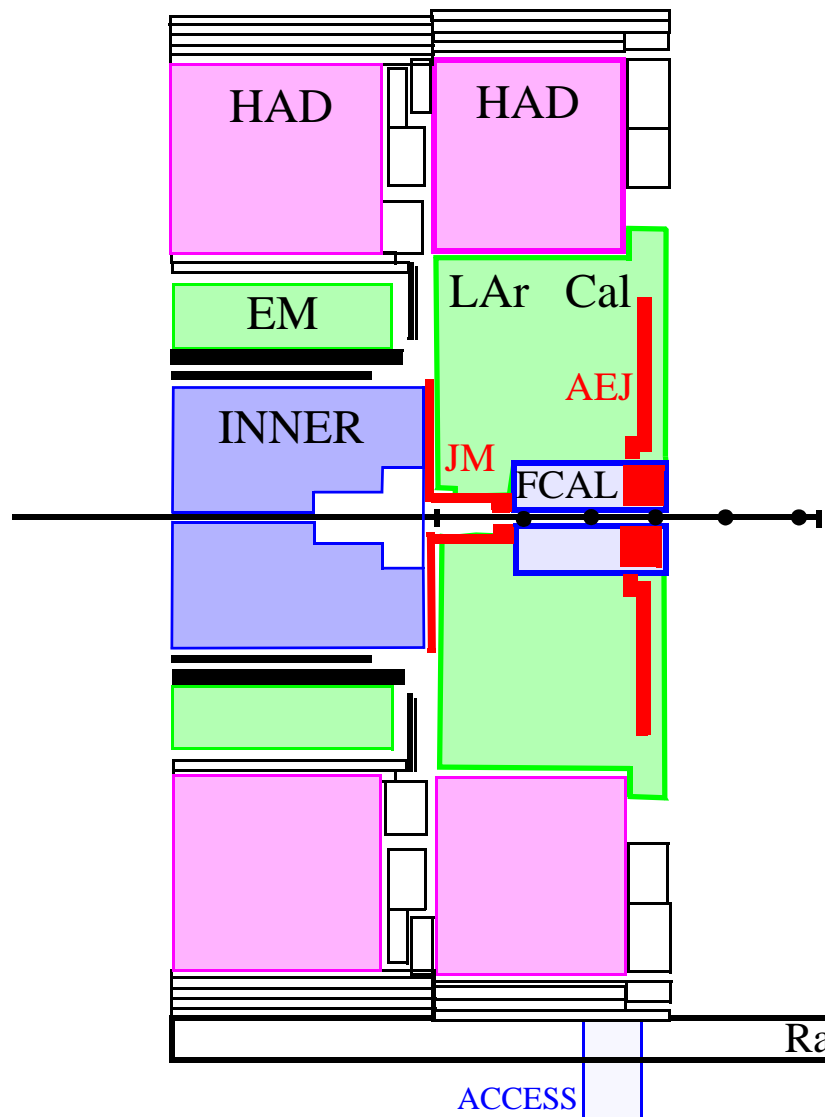


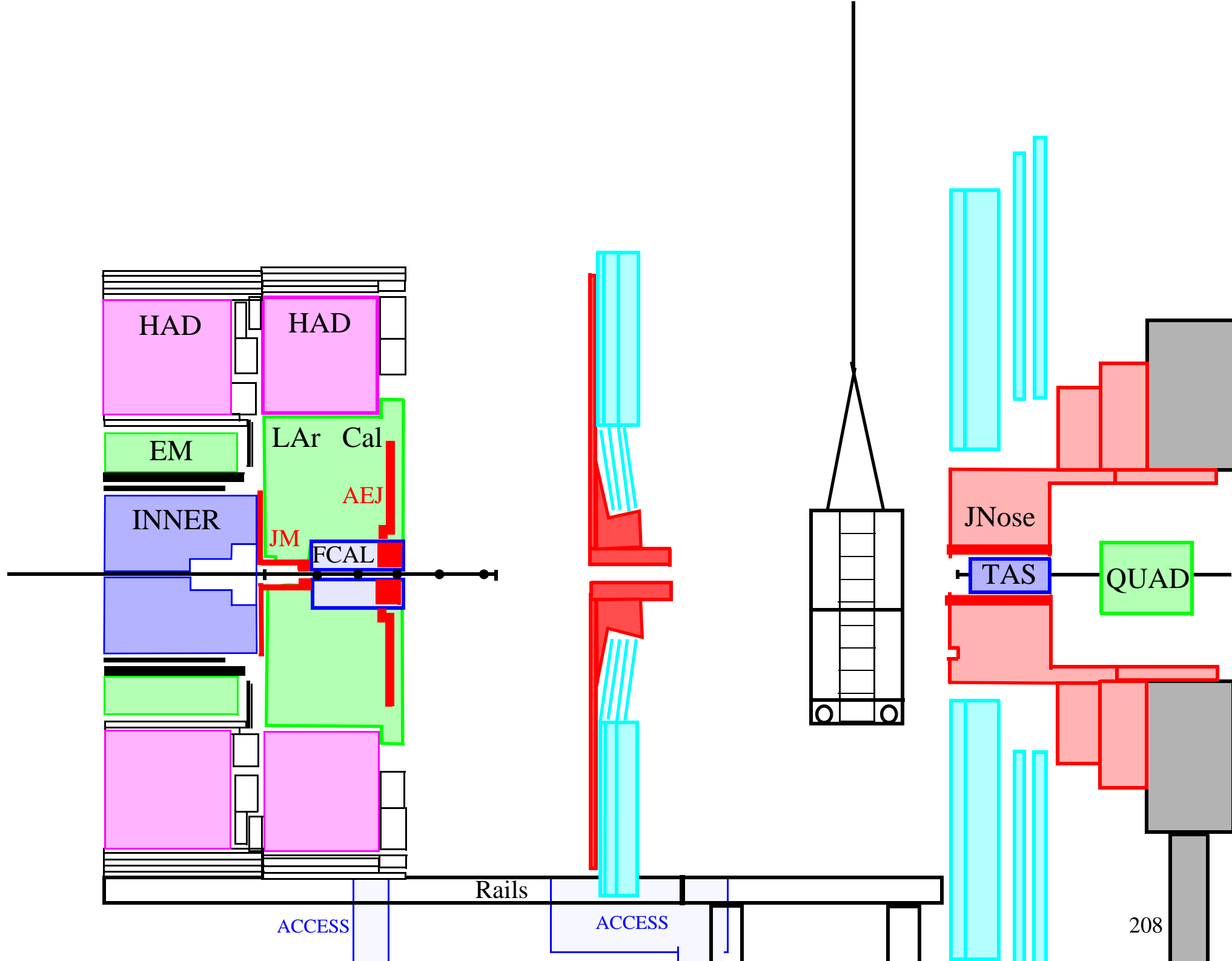


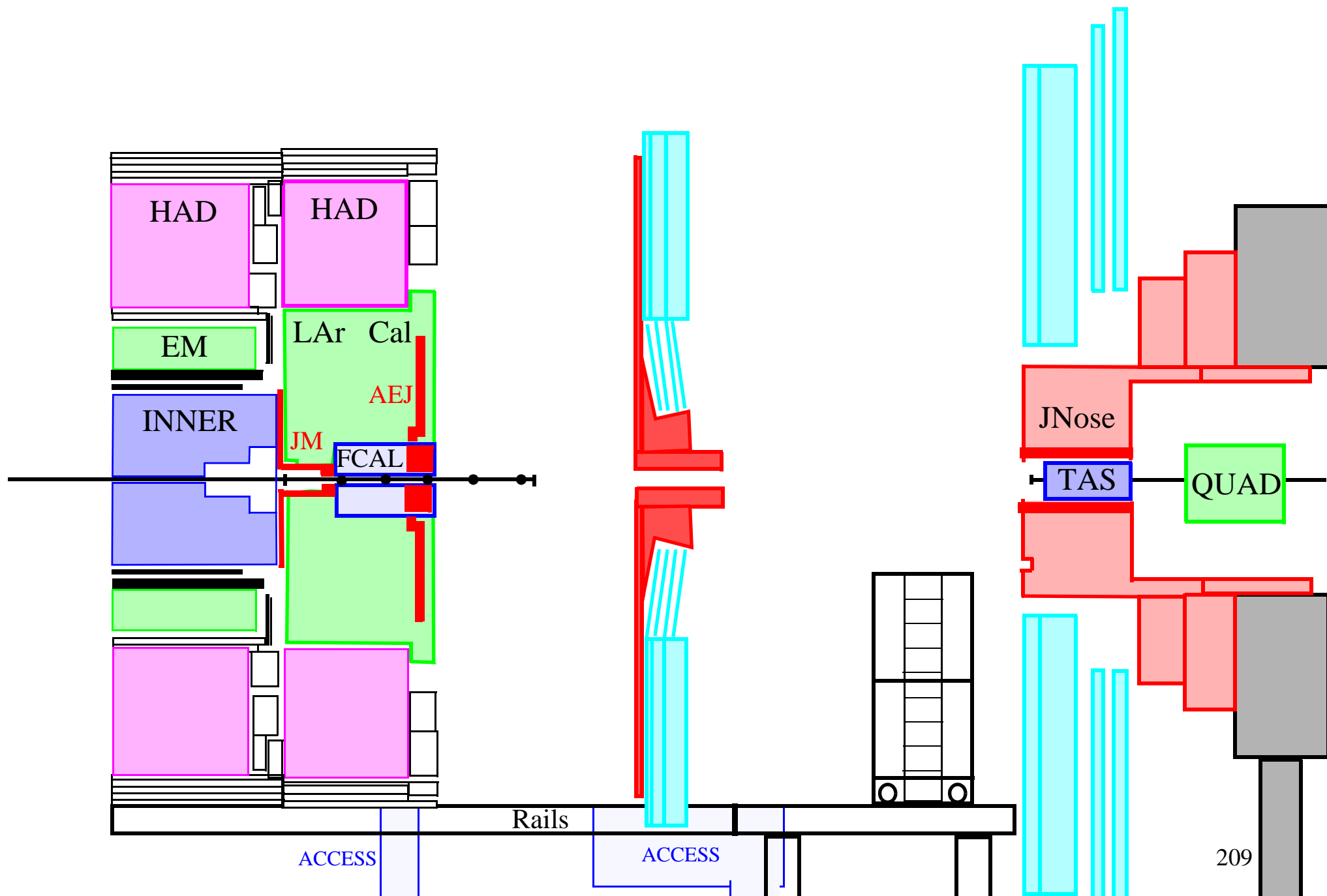


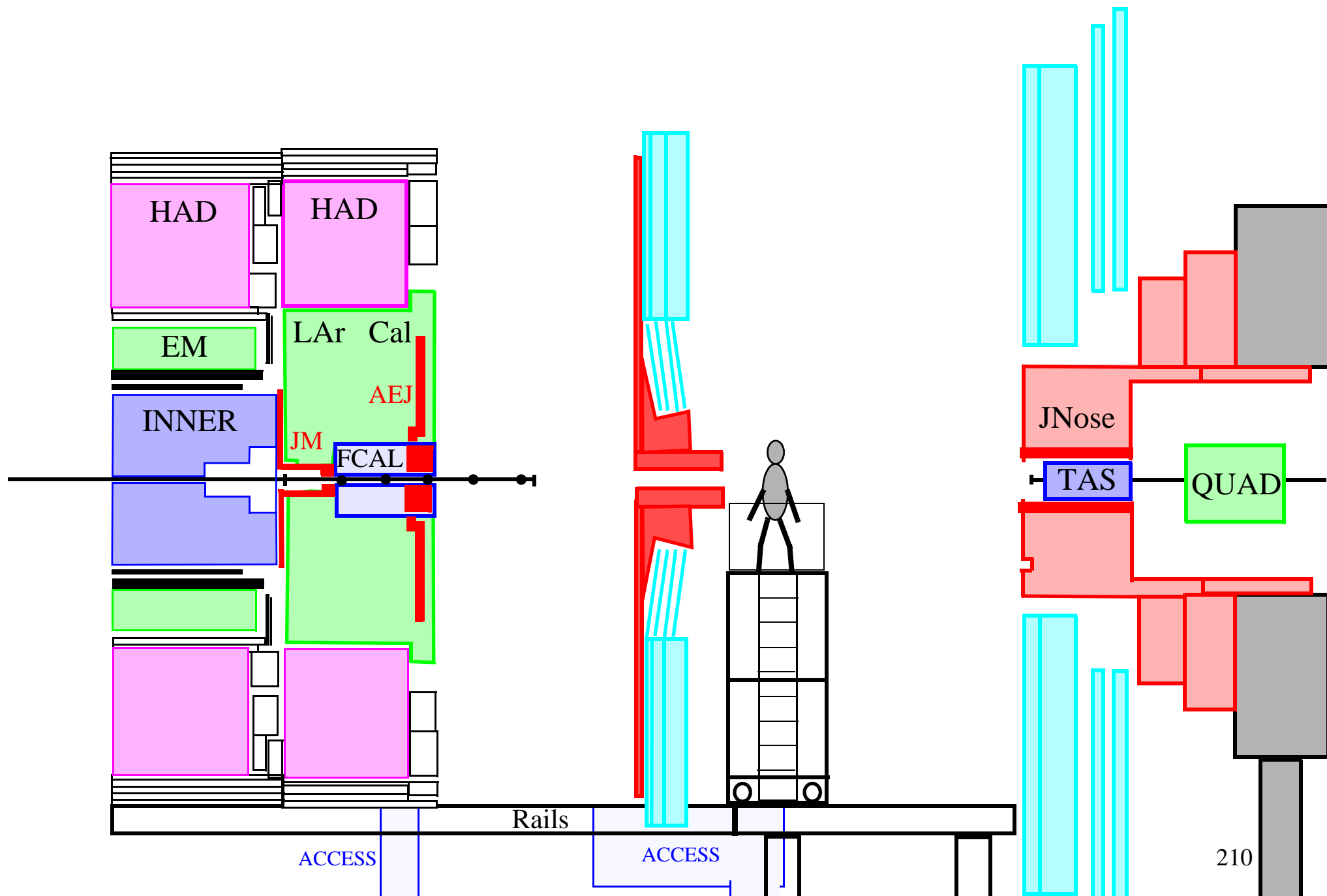


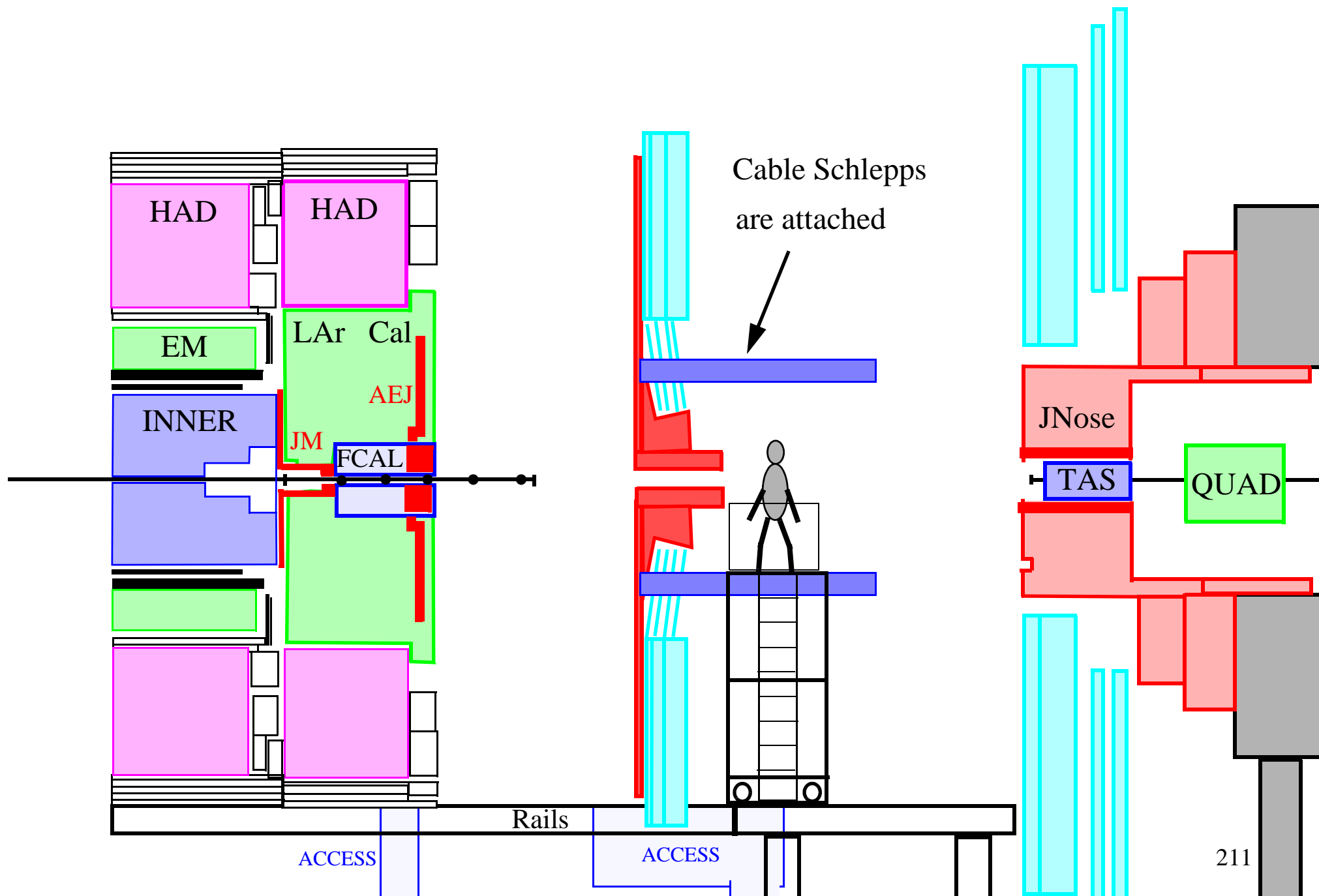










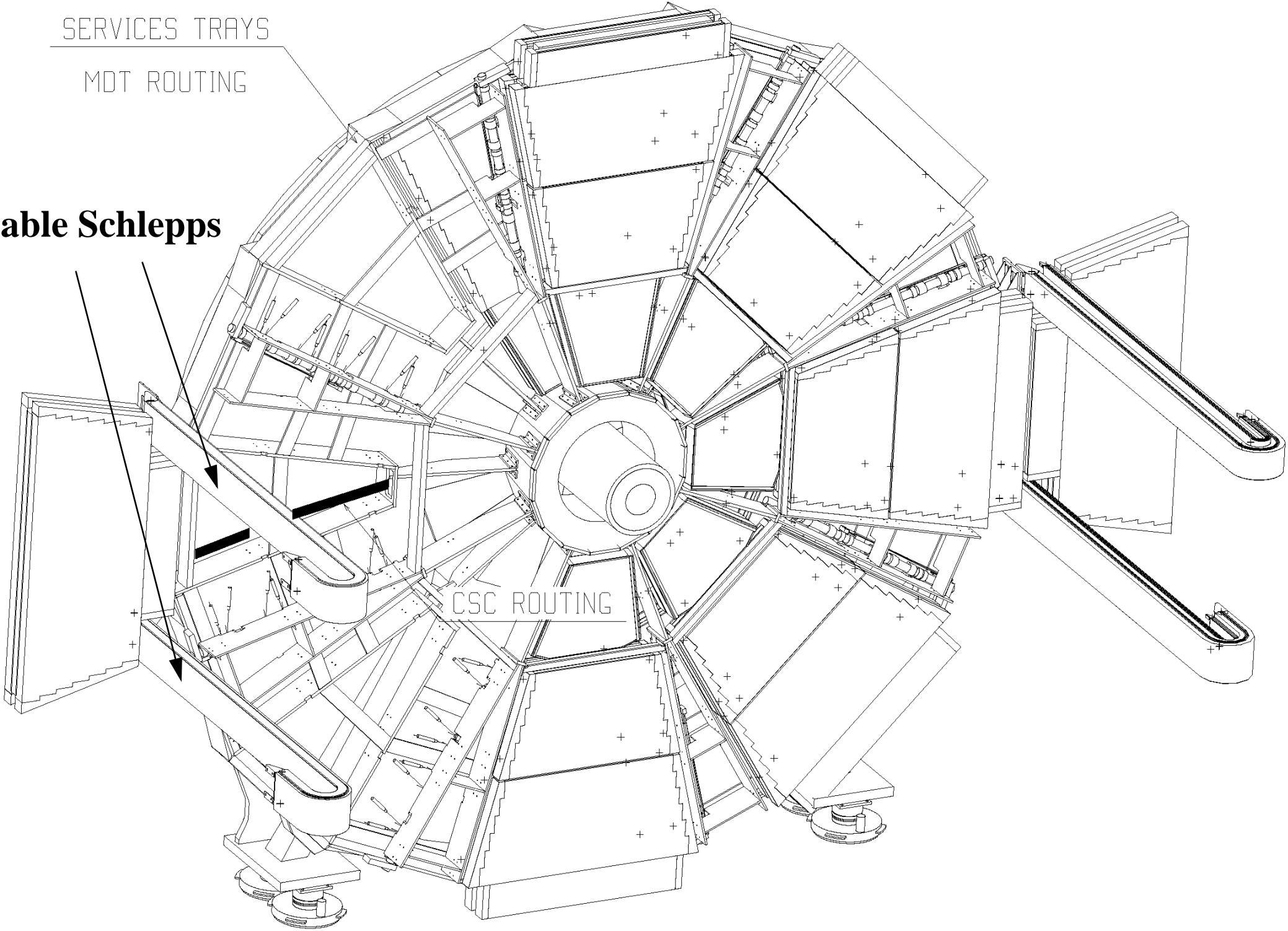


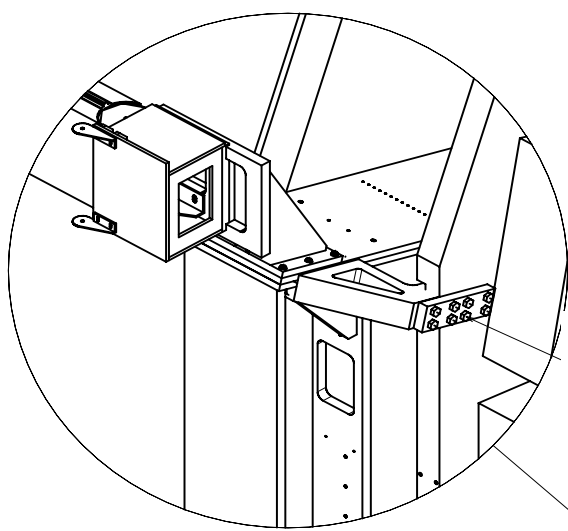
SERVICES TRAYS

MDT ROUTING

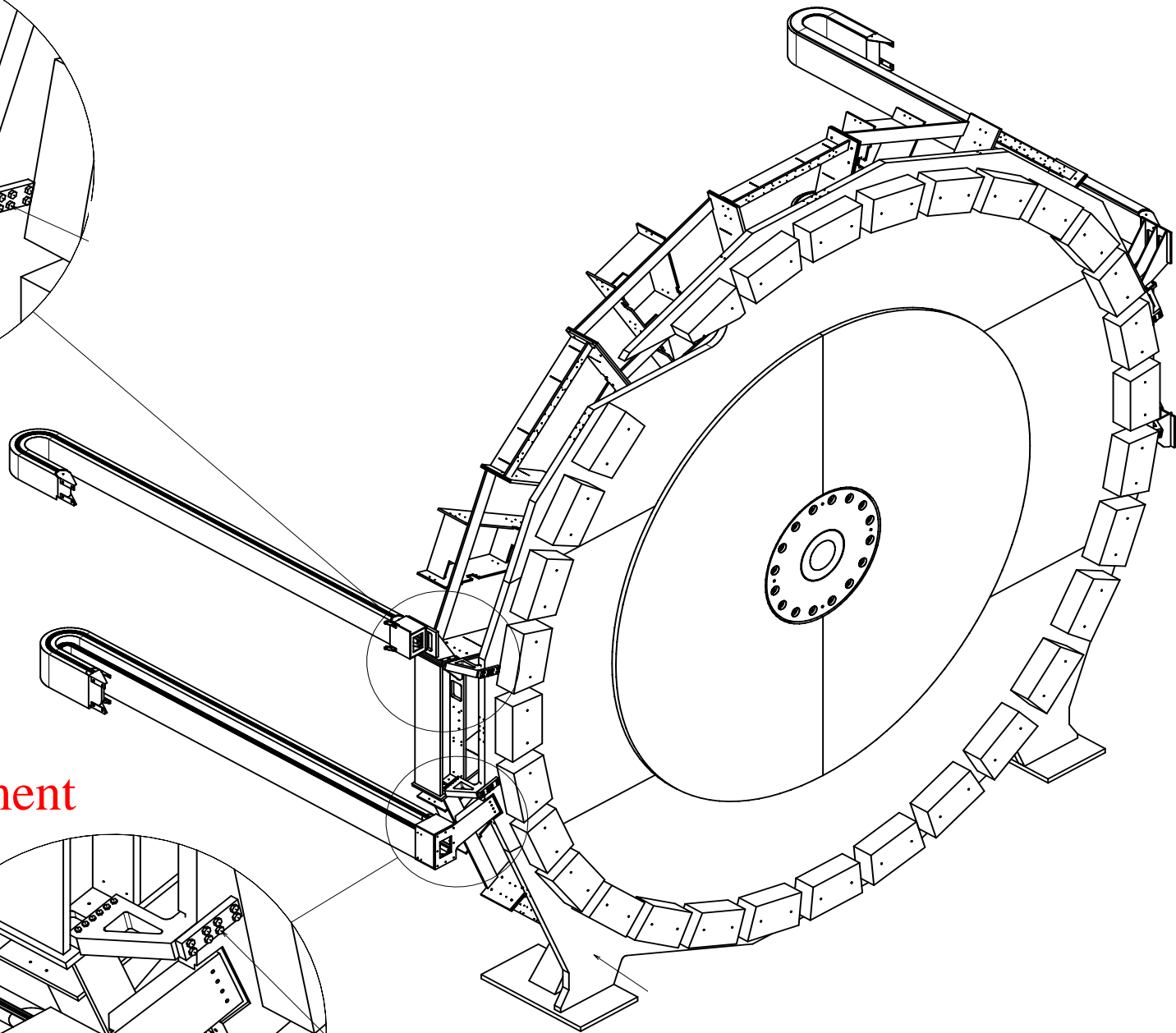
Cable Schlepps

CSC ROUTING

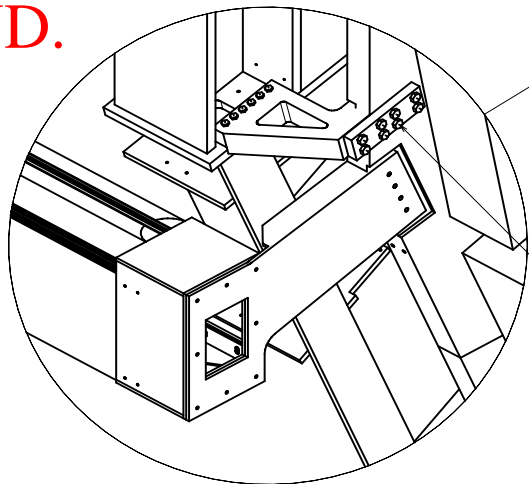


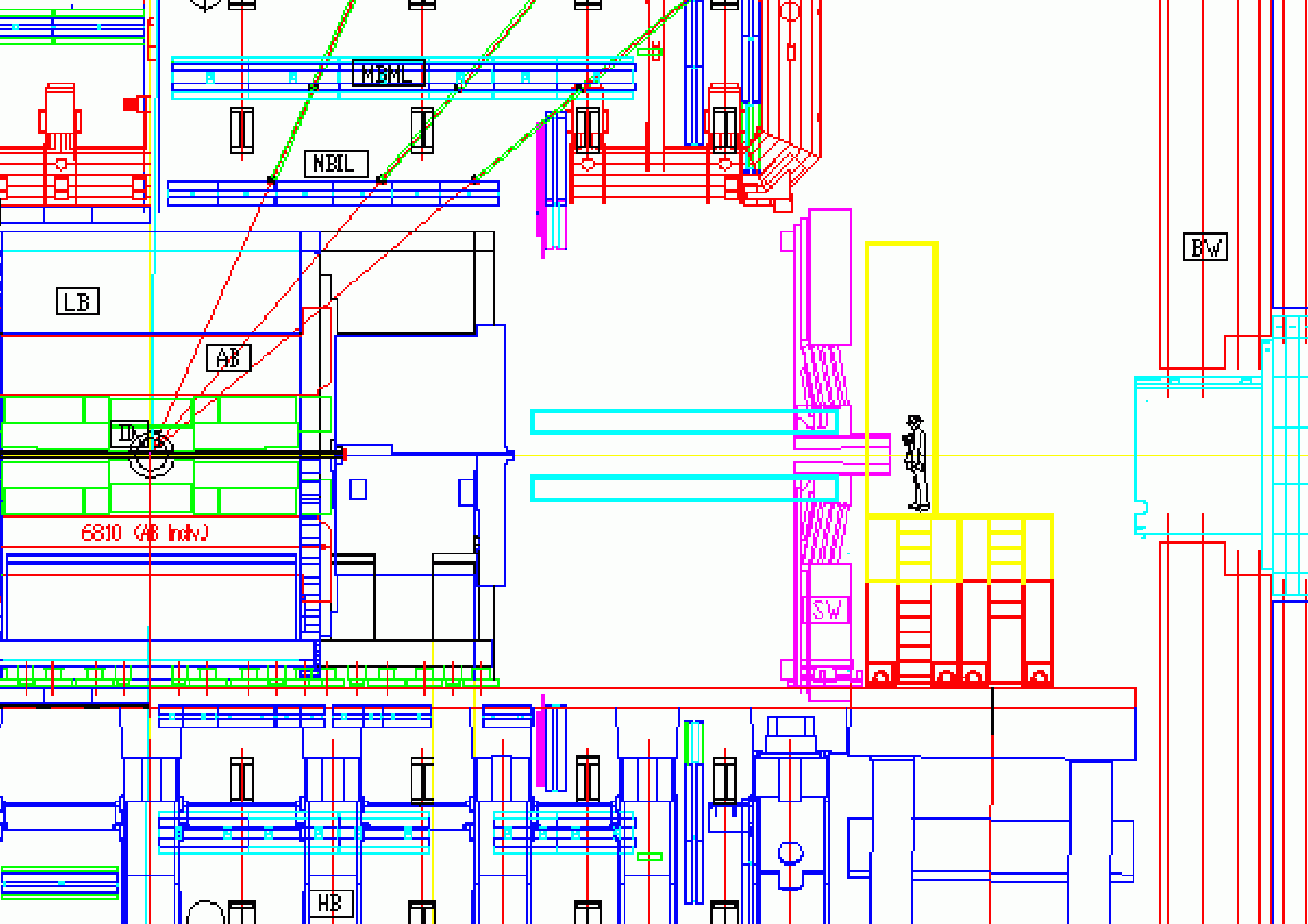


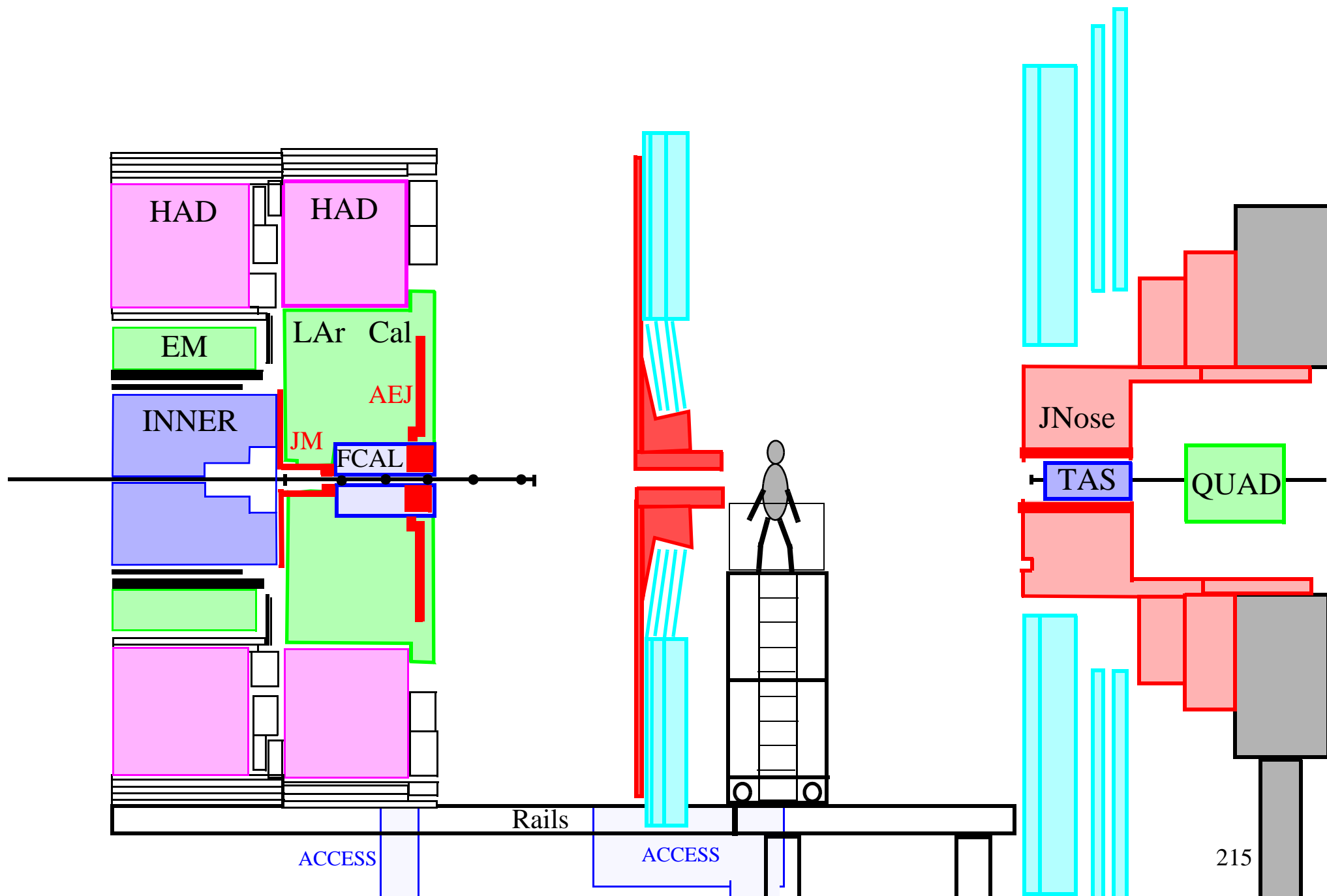
3 attachments
to the SW

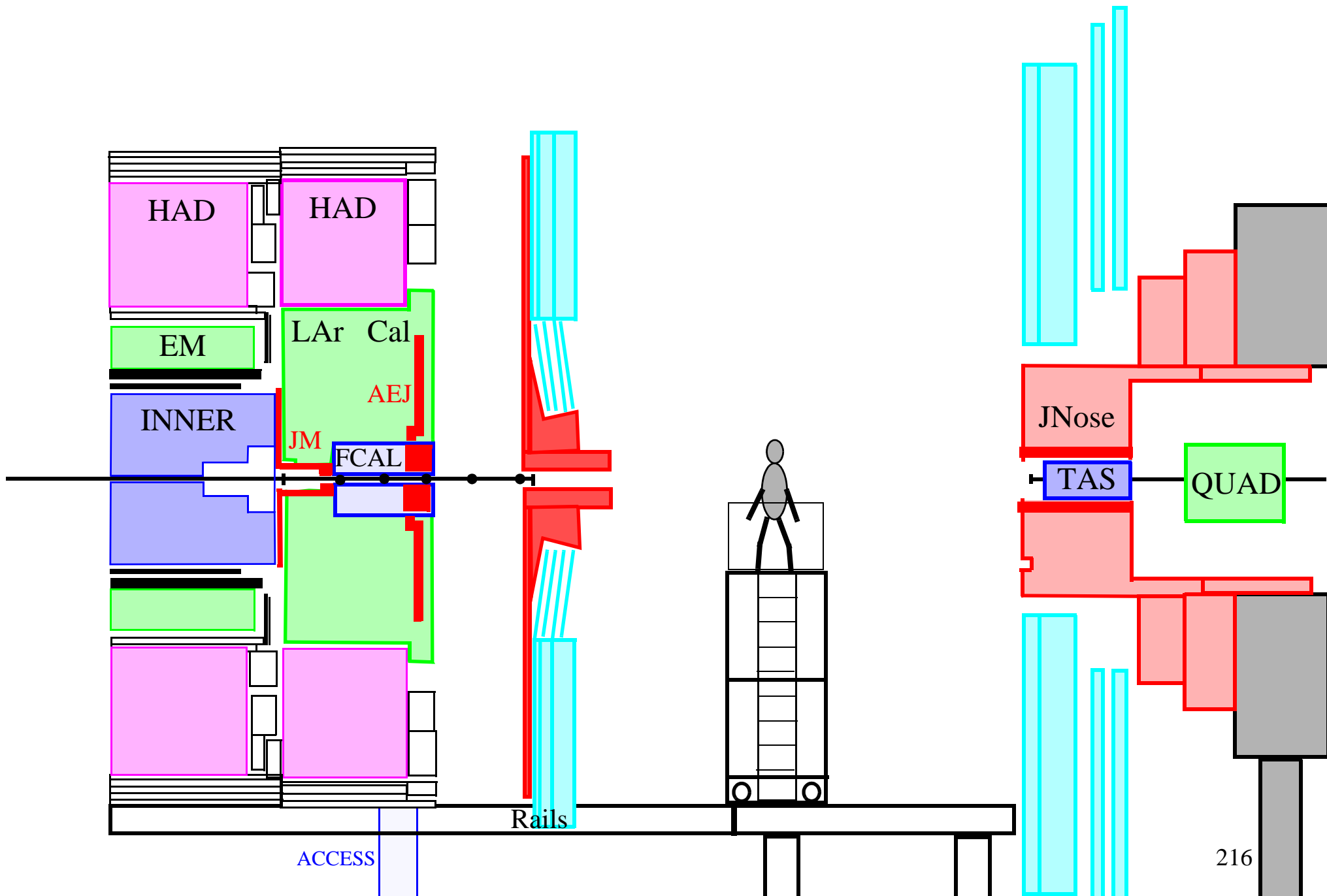


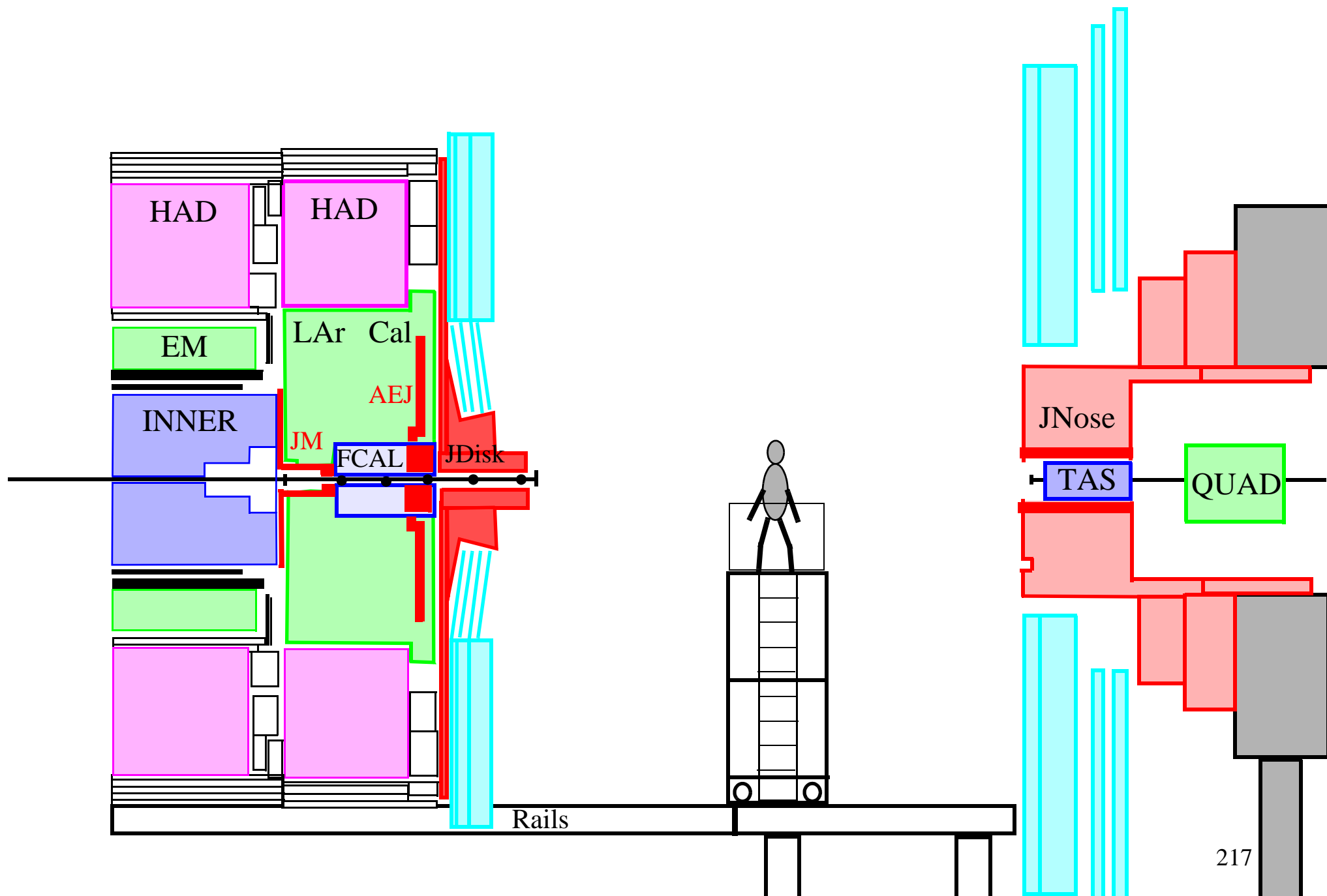
One attachment
to the JD.

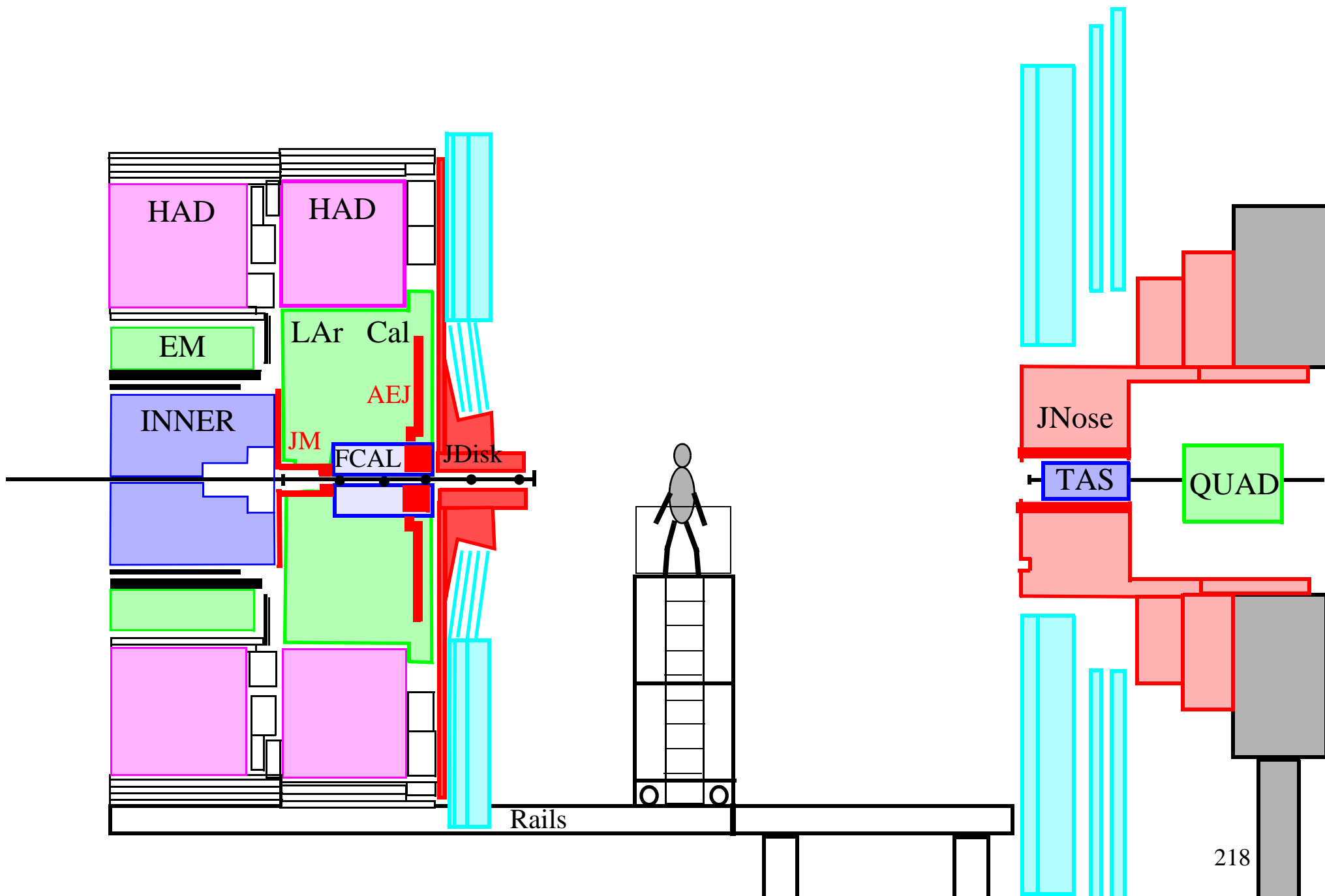


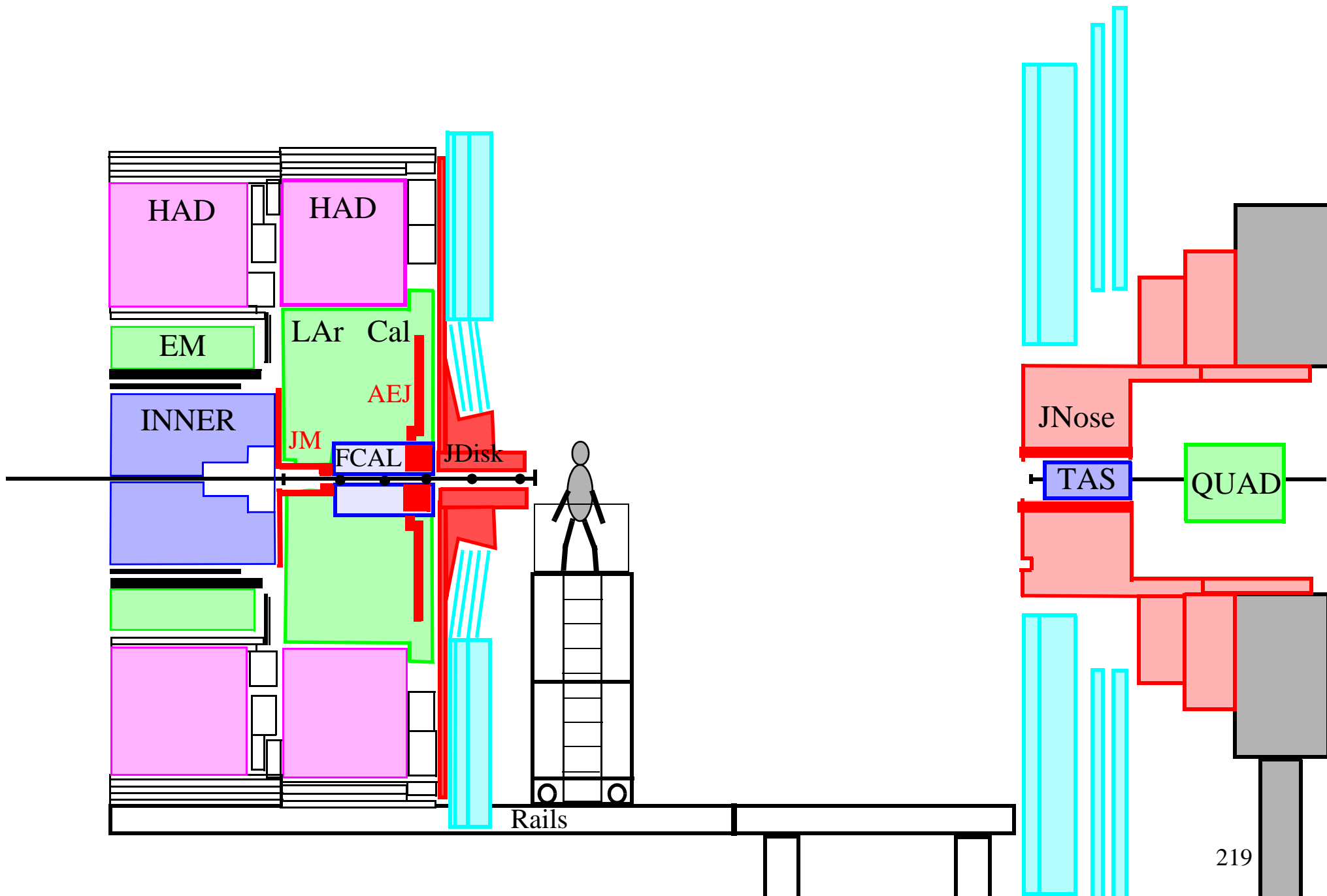






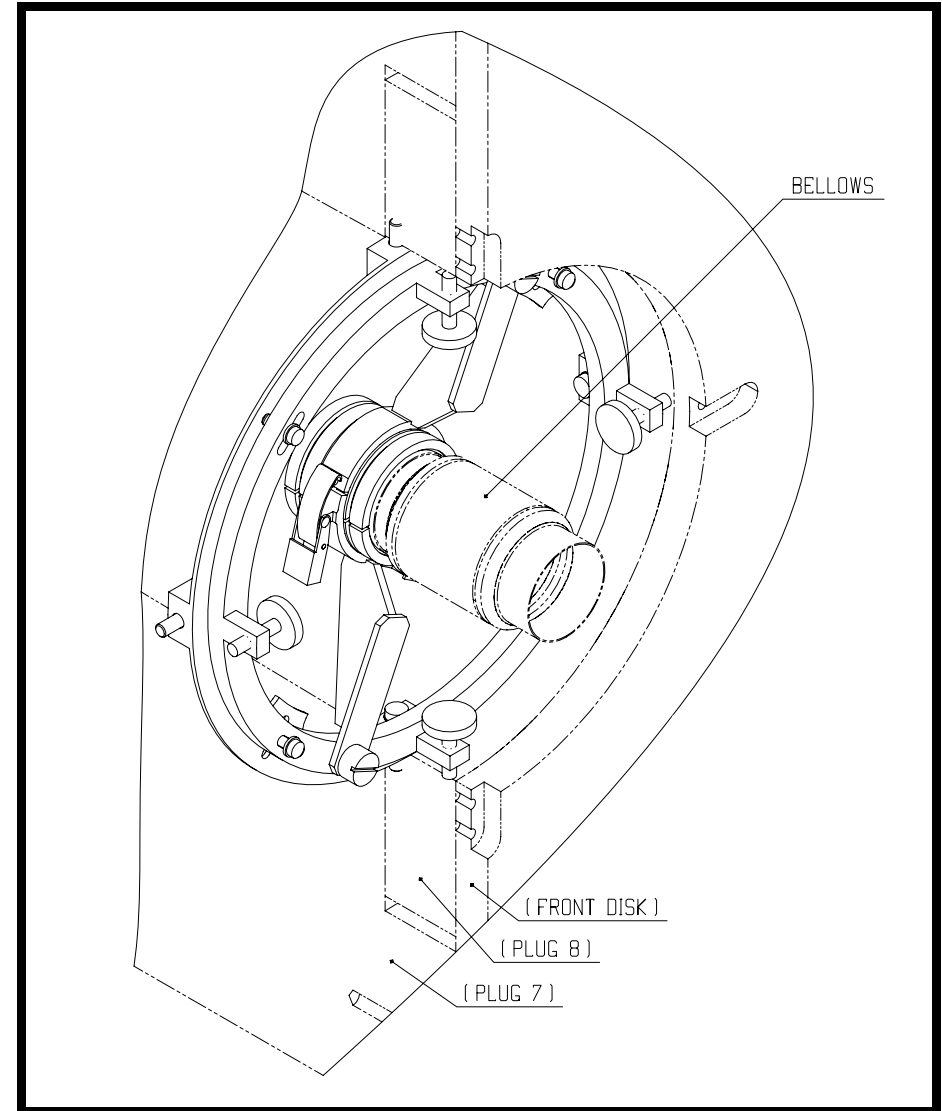
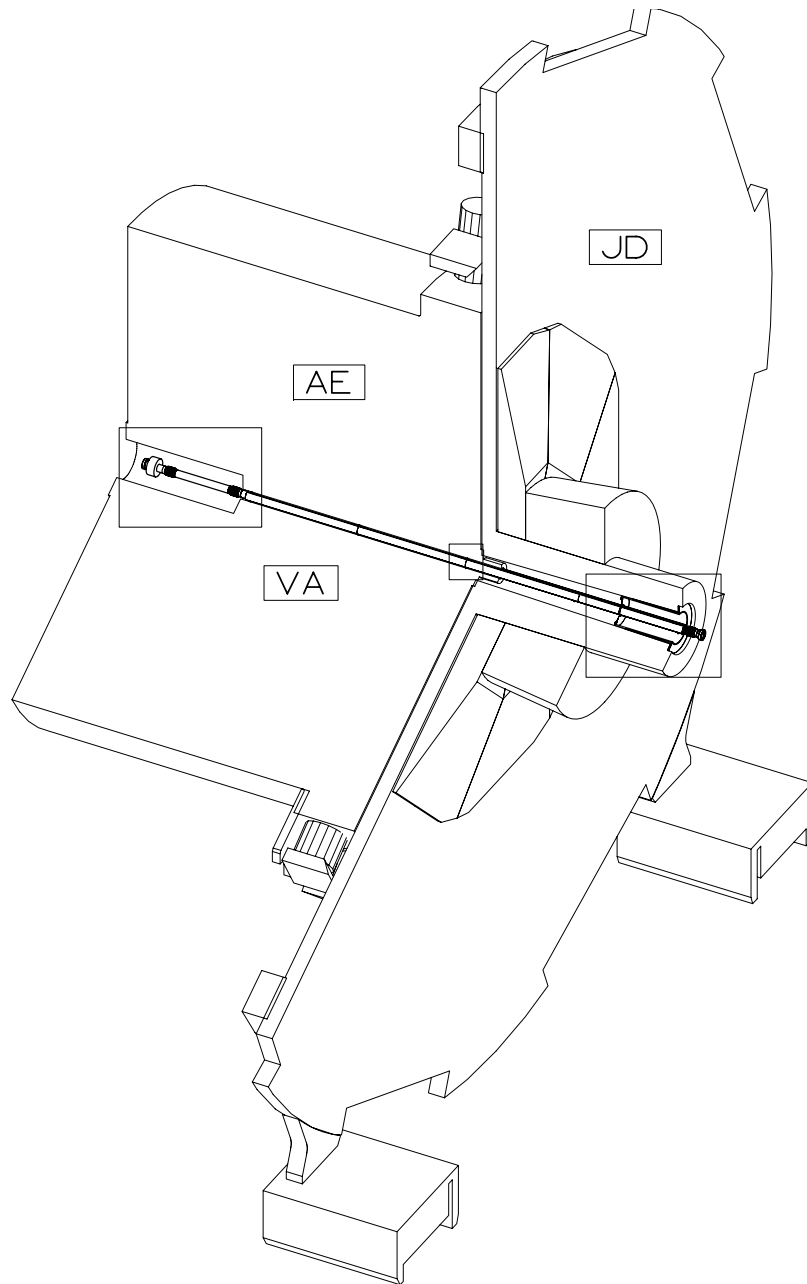


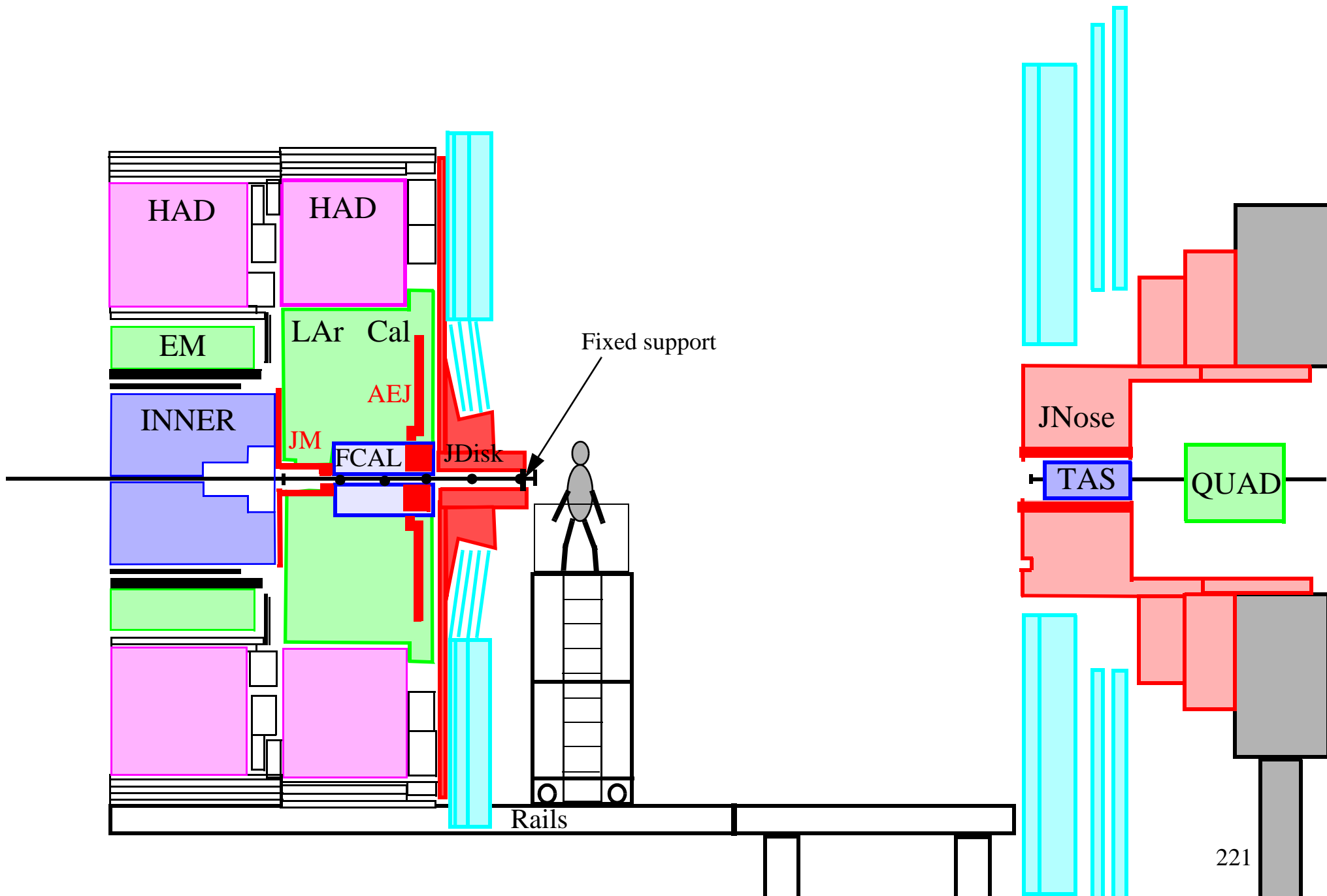


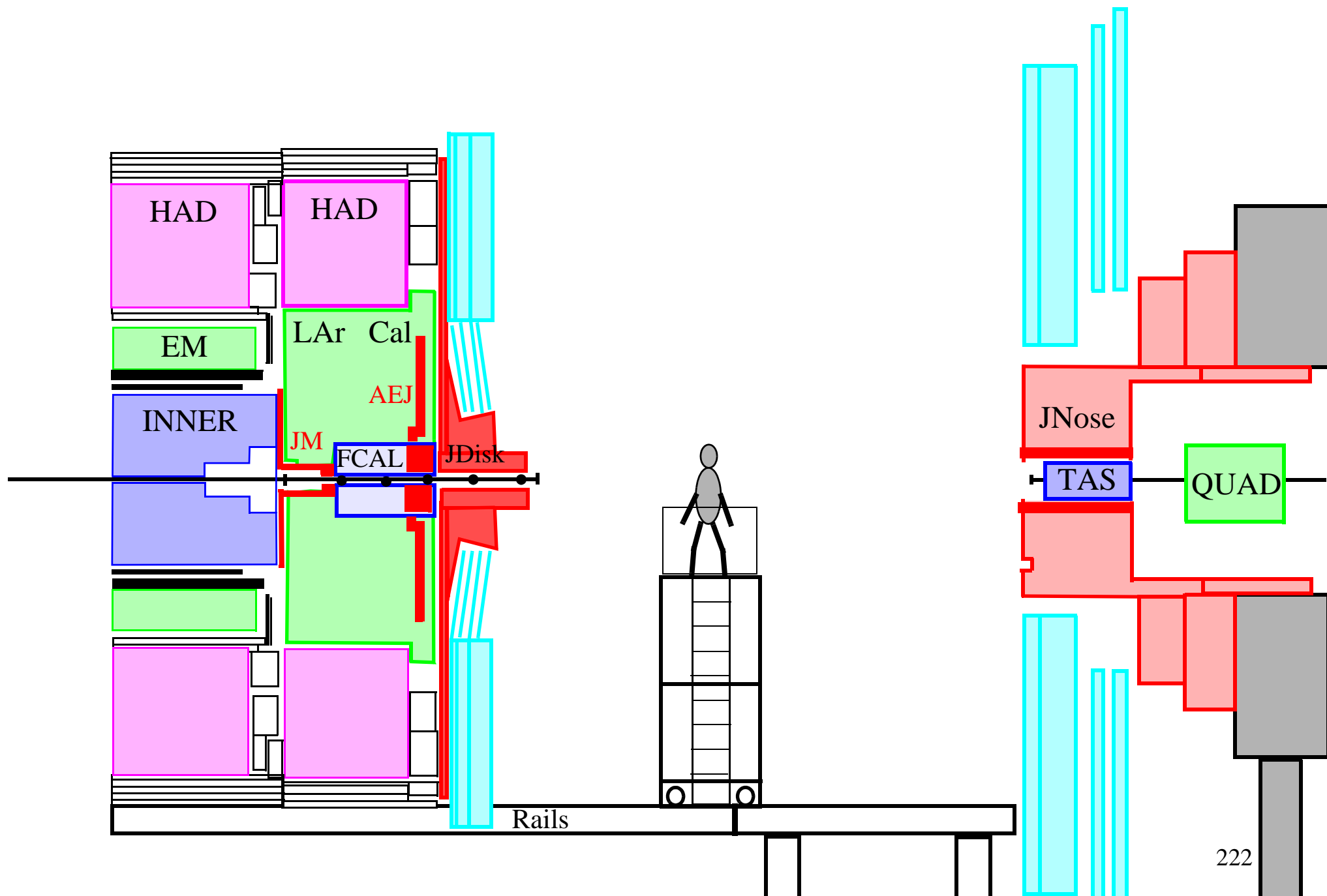


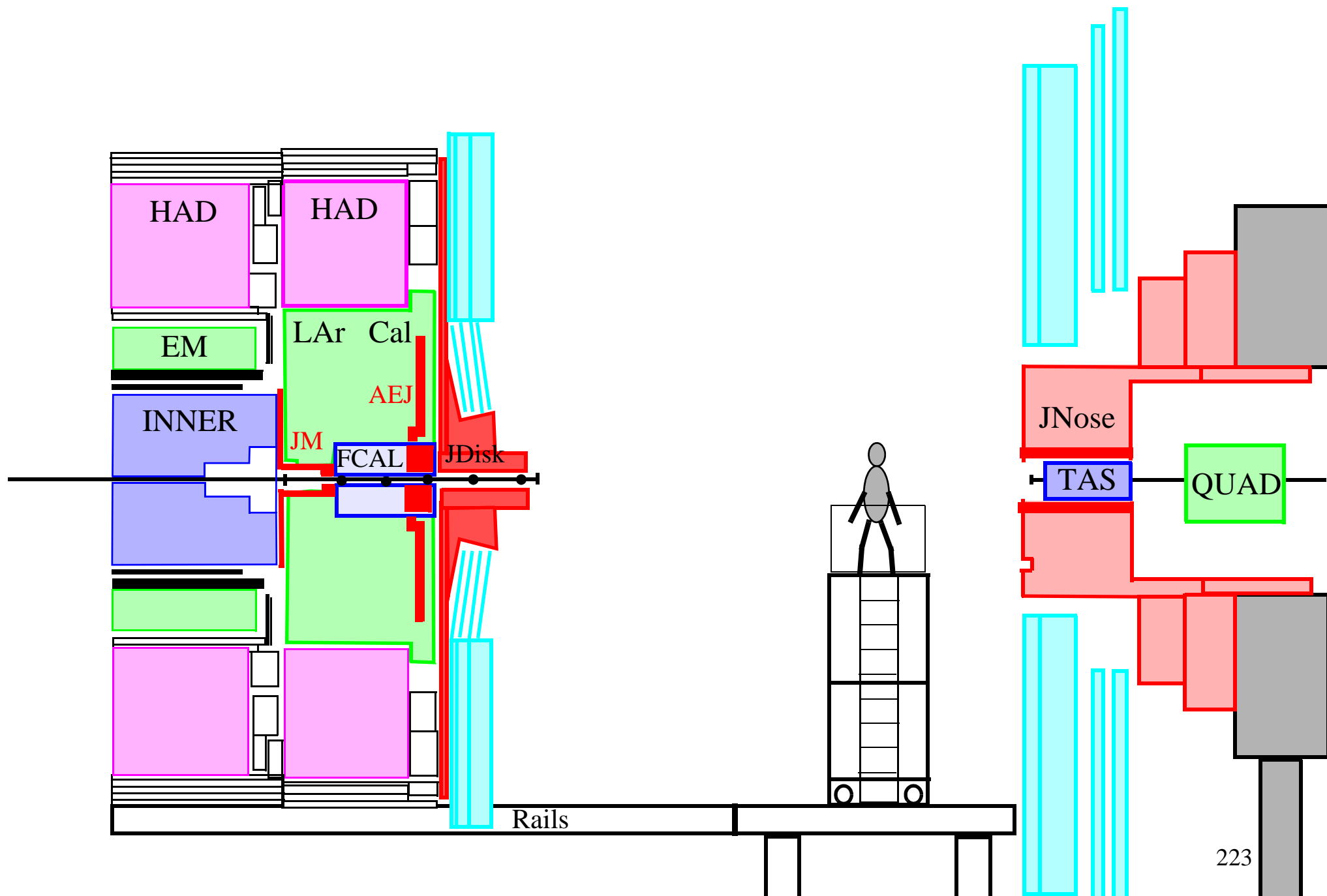
Beampipe supports

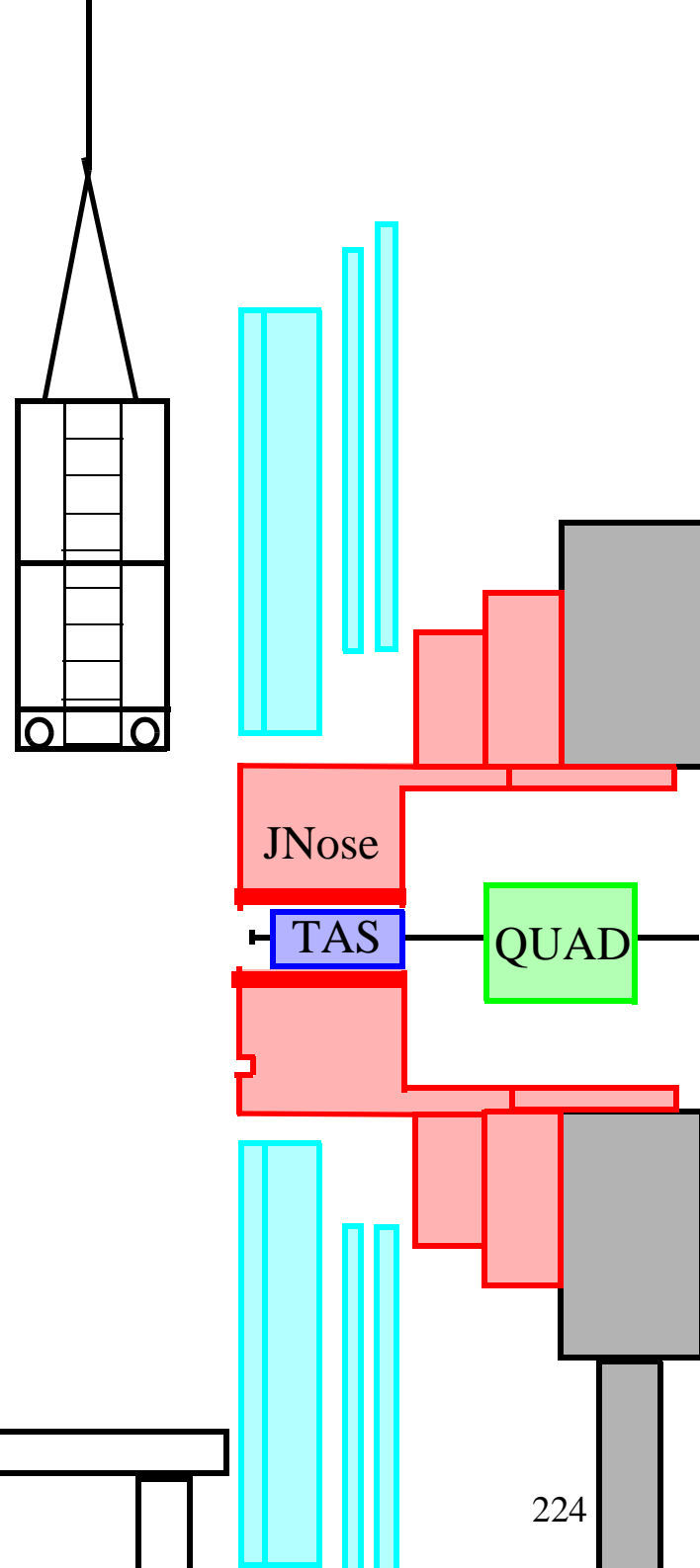
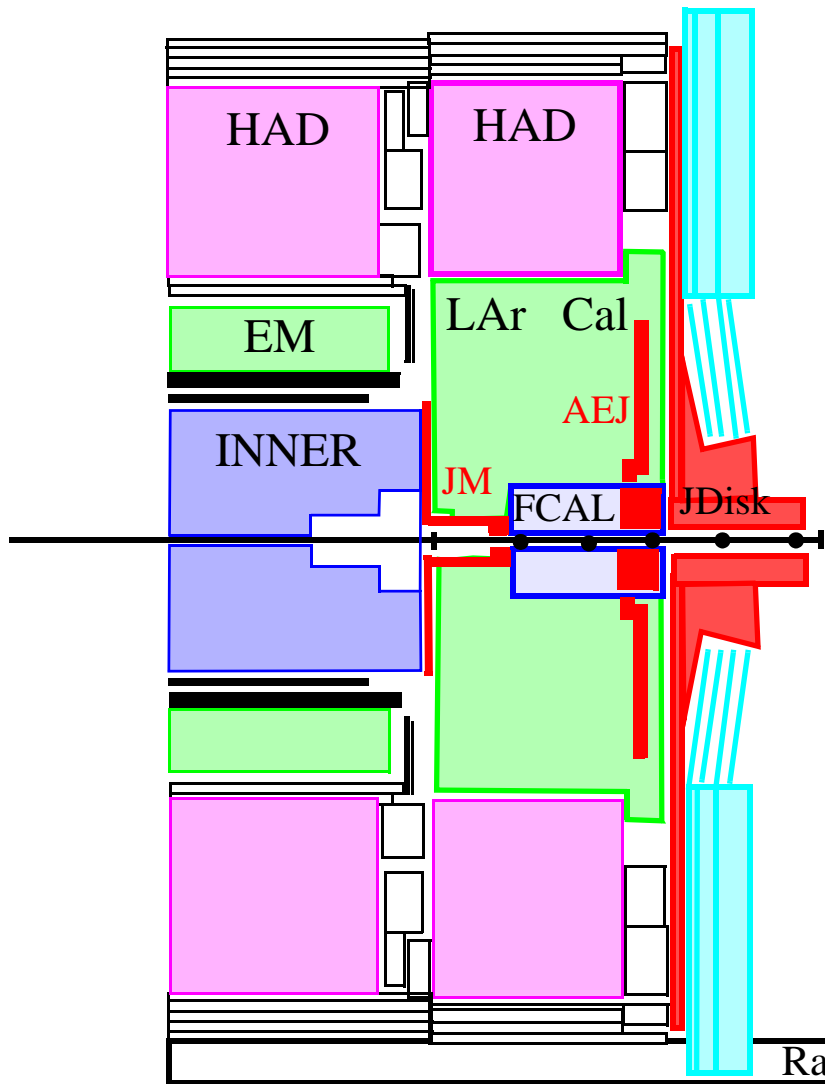
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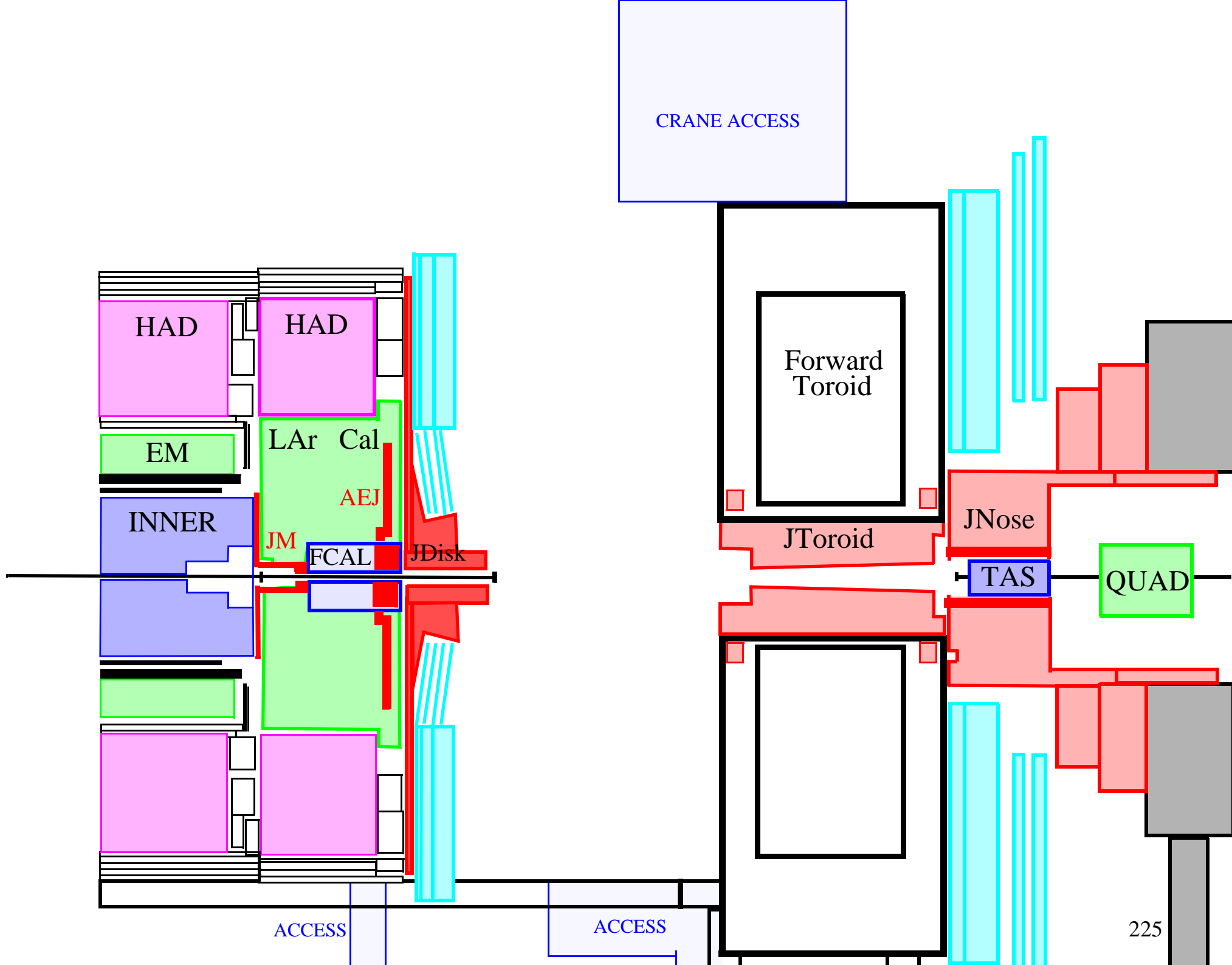


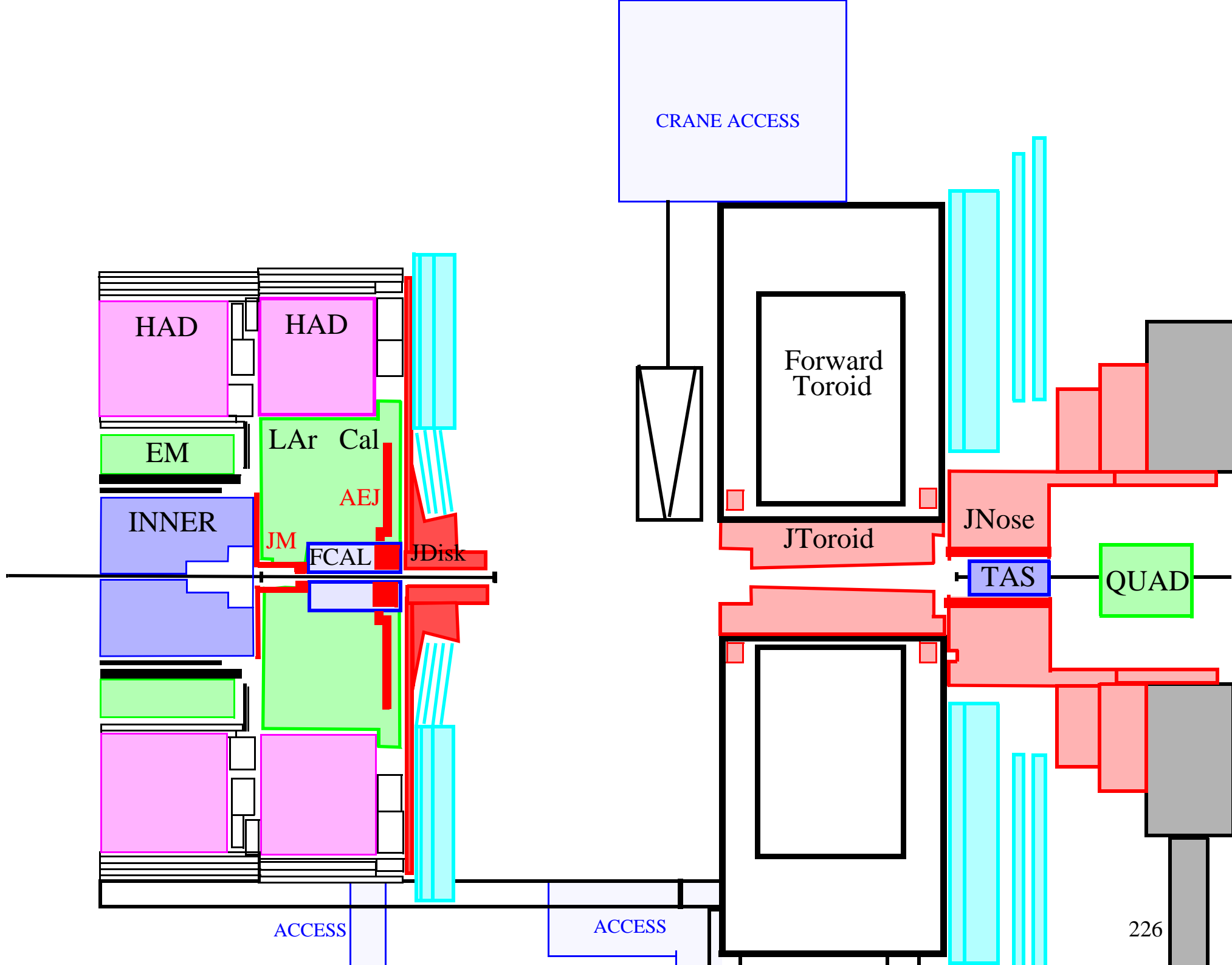


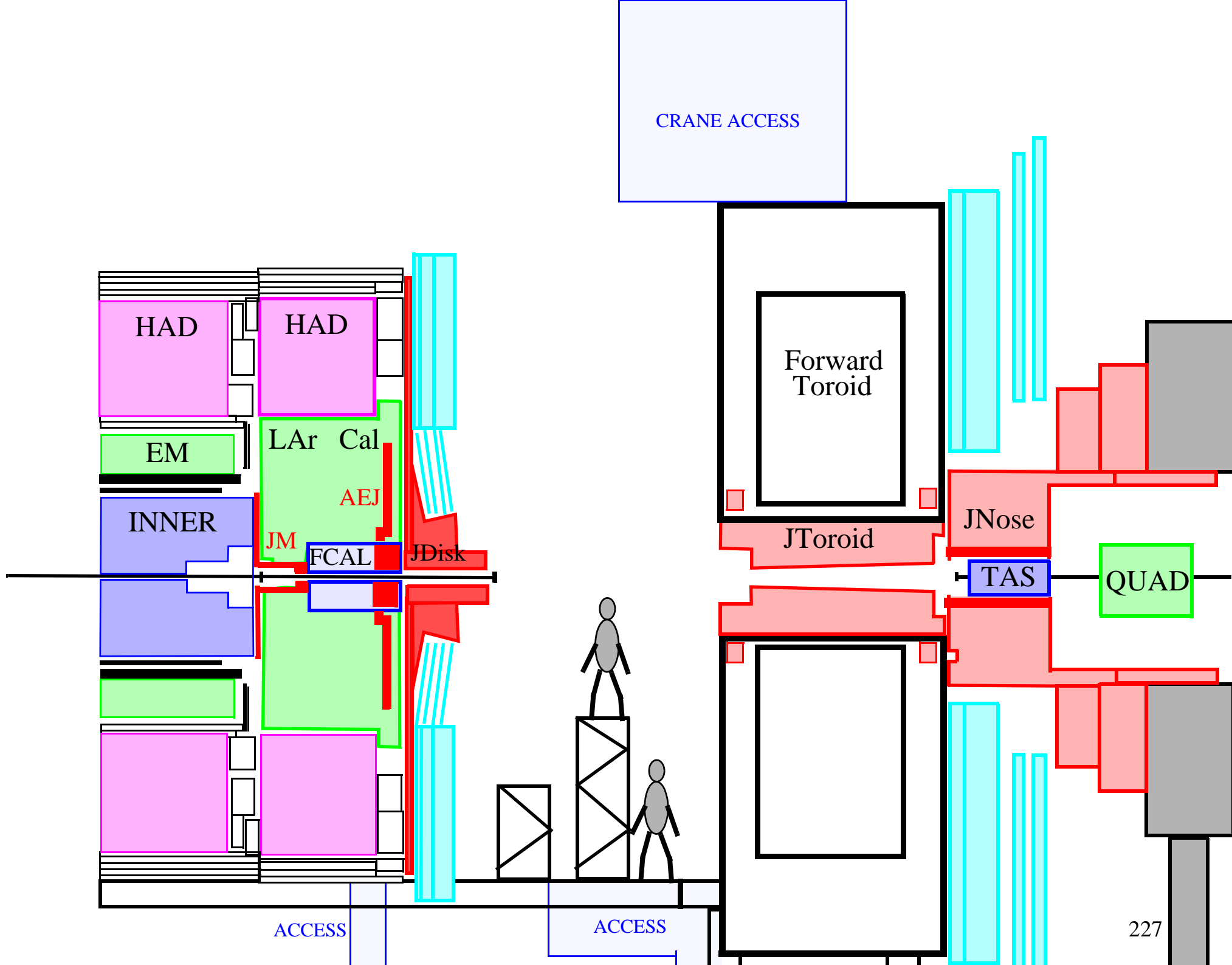


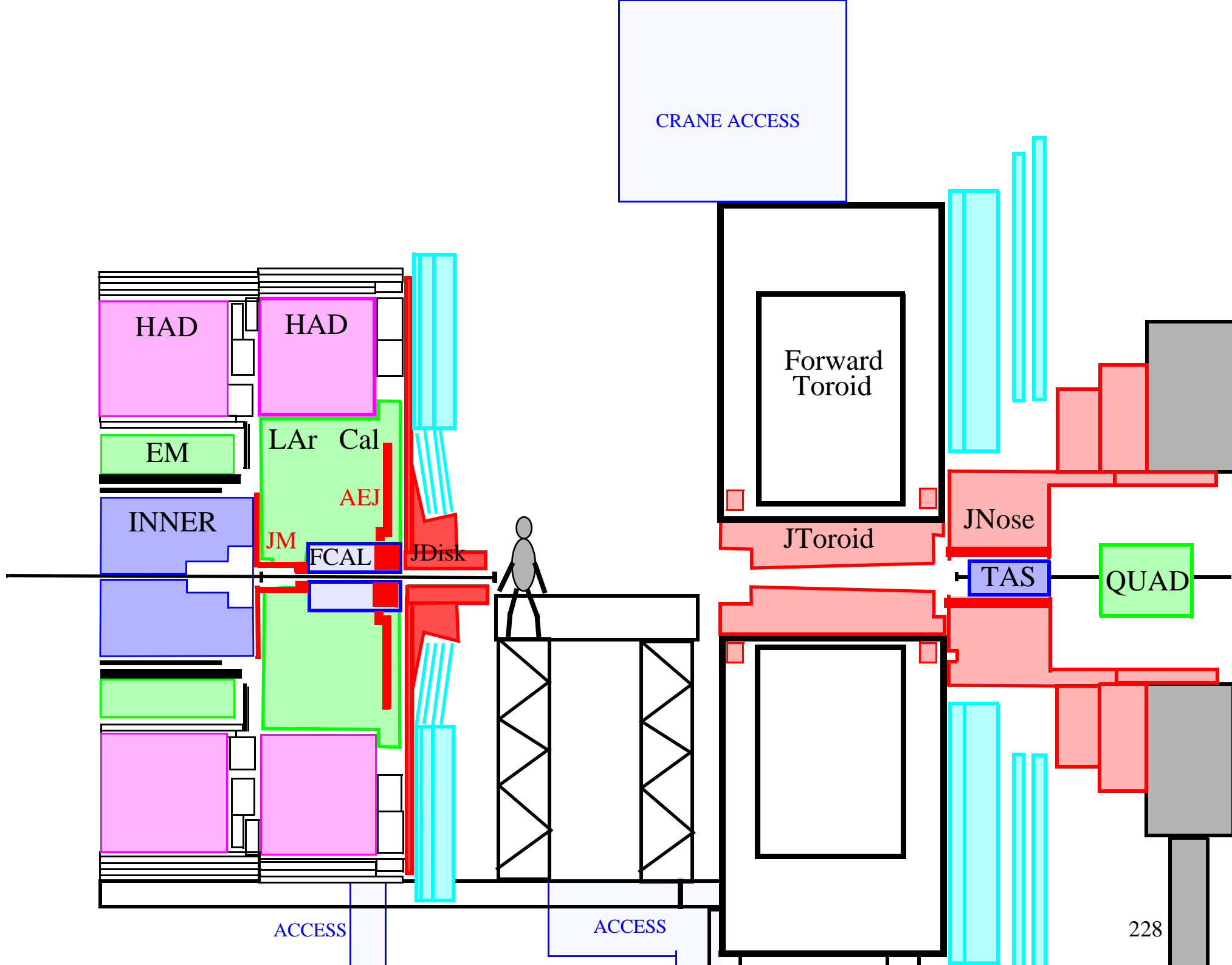


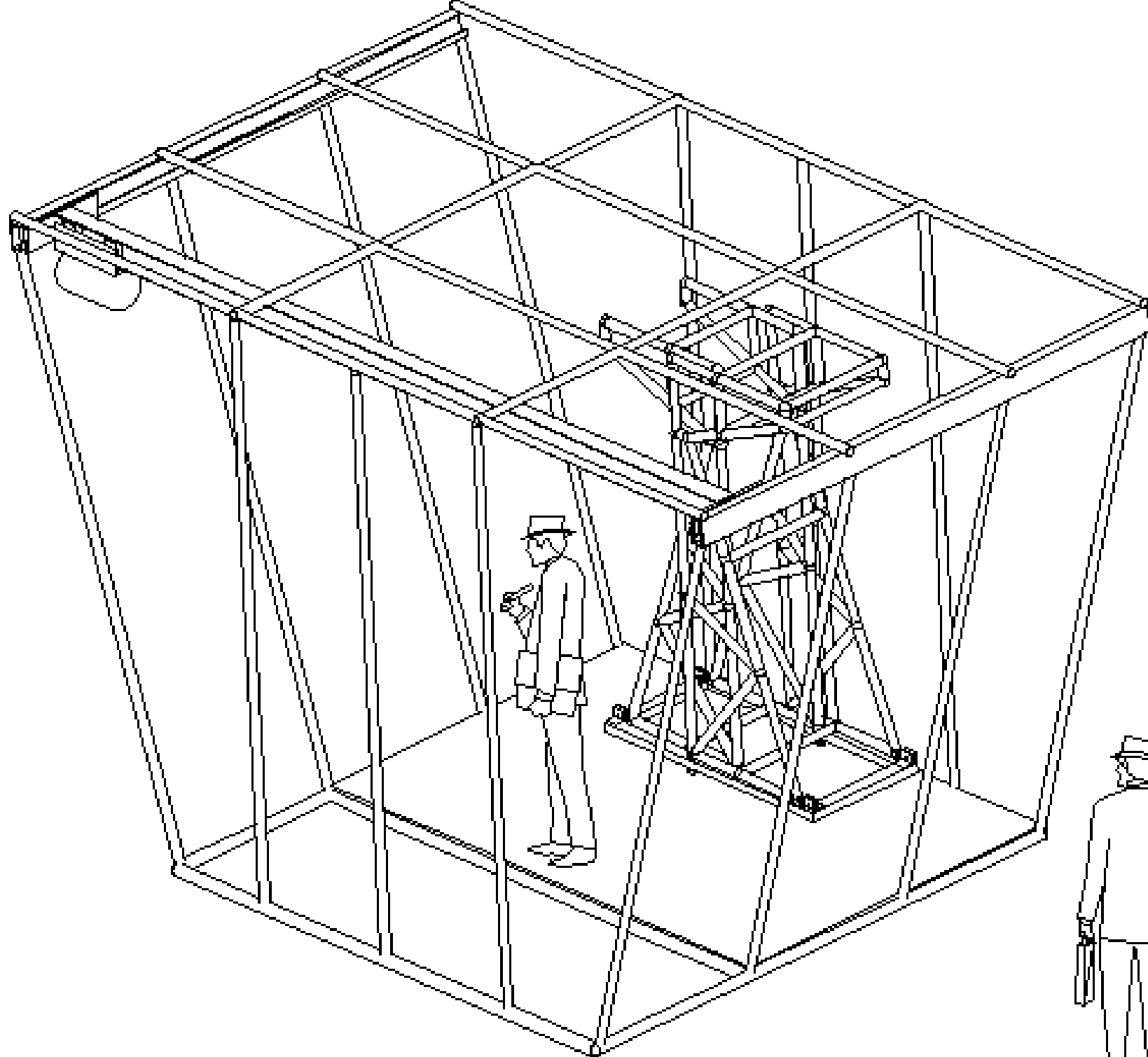


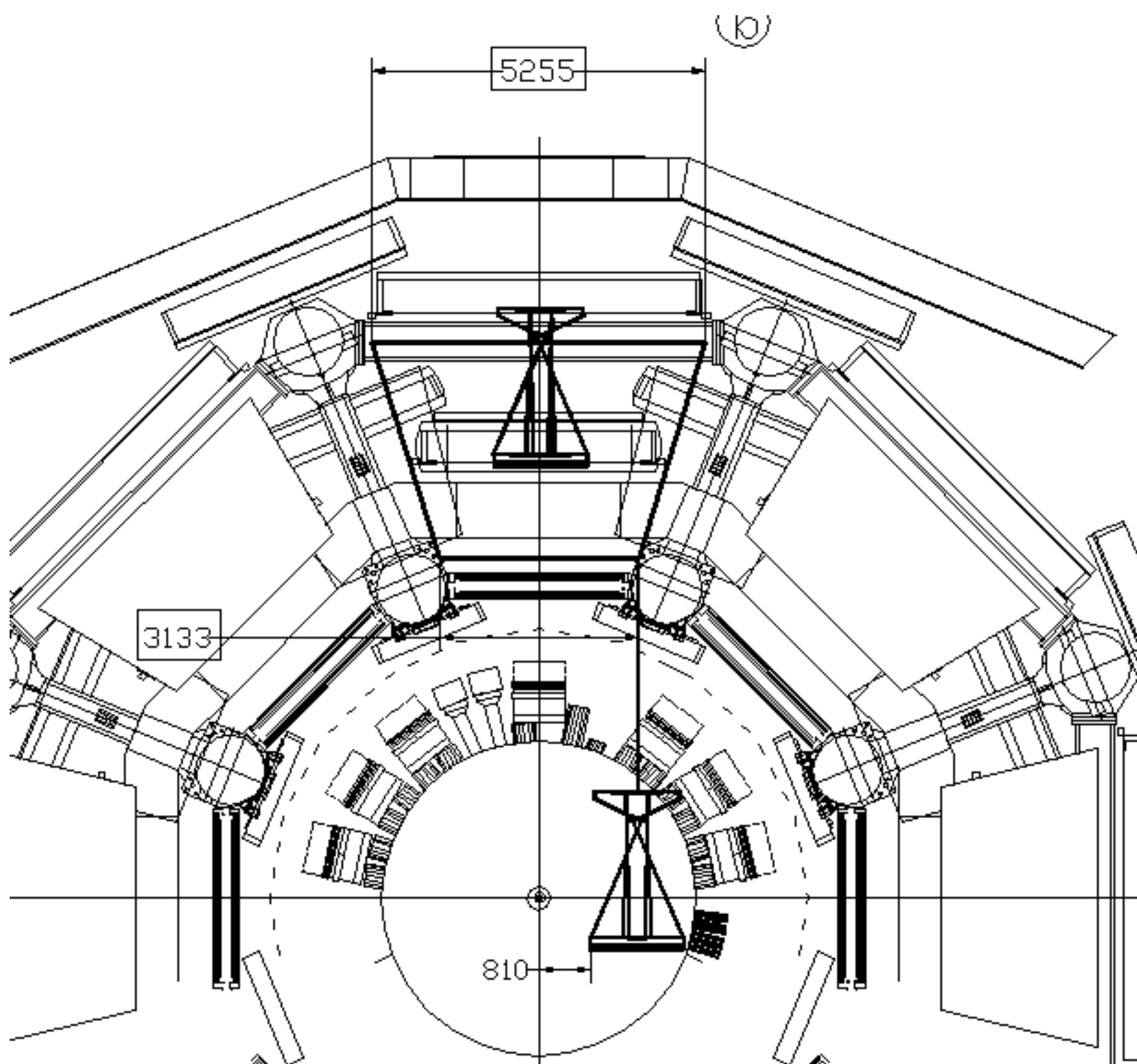


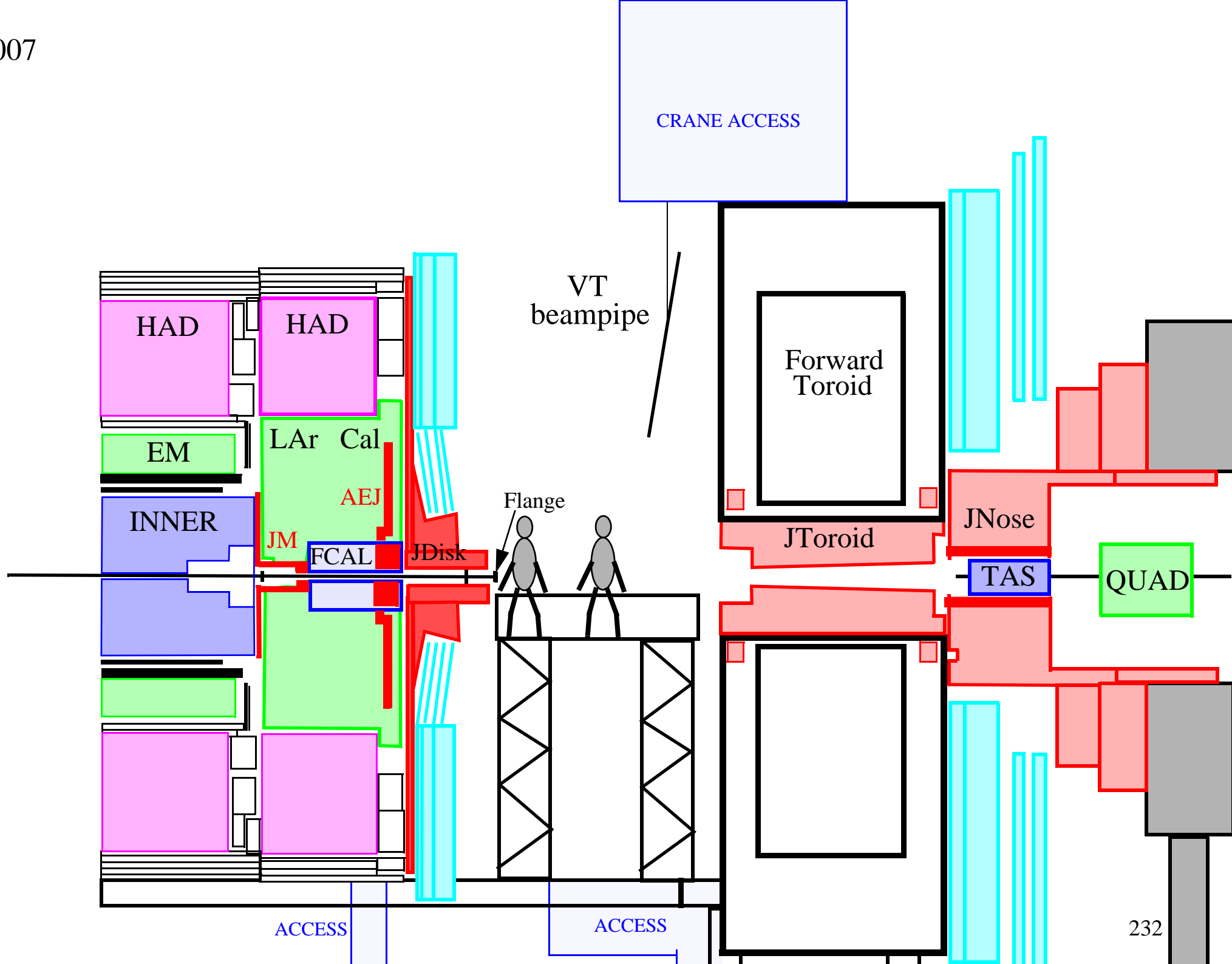


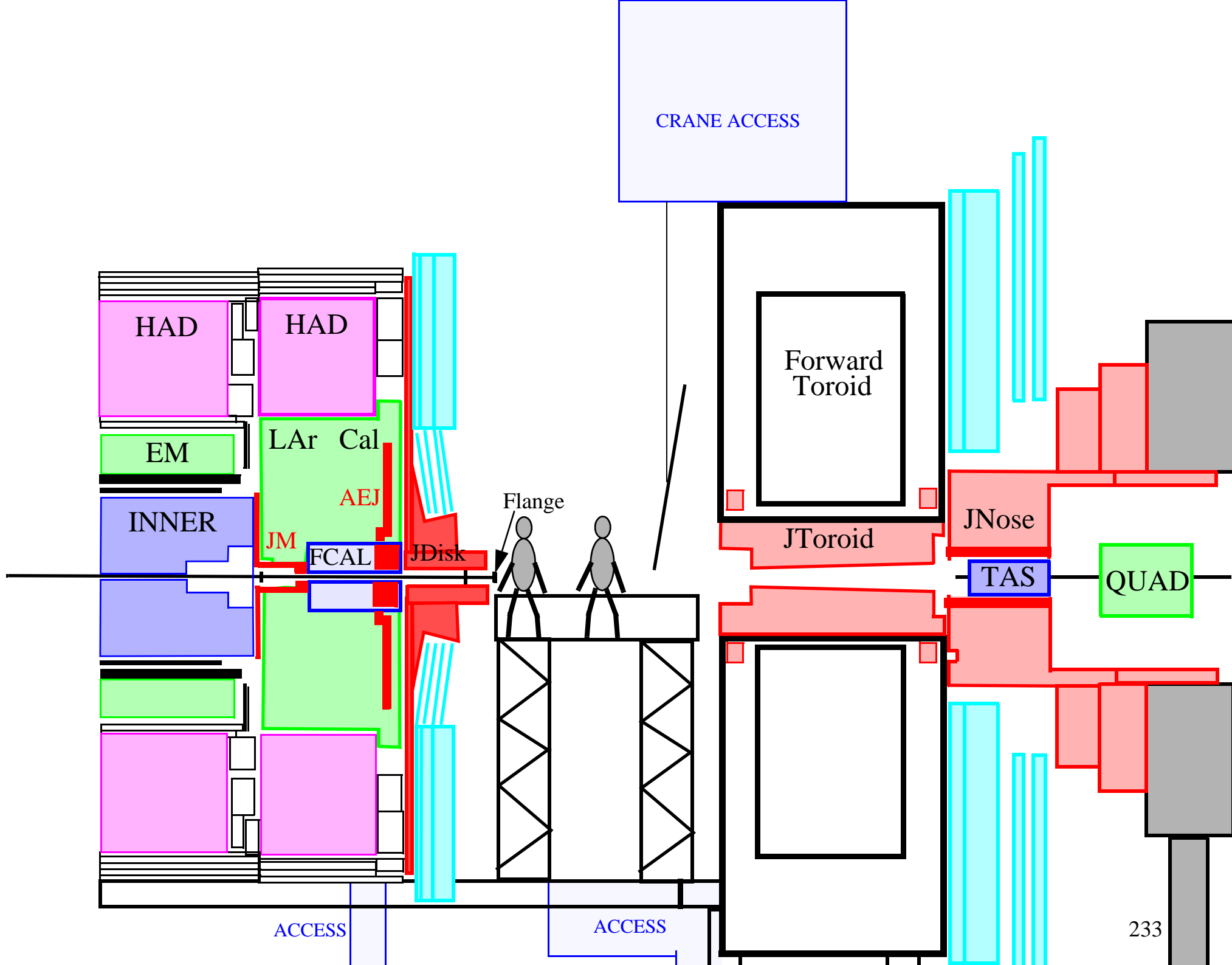


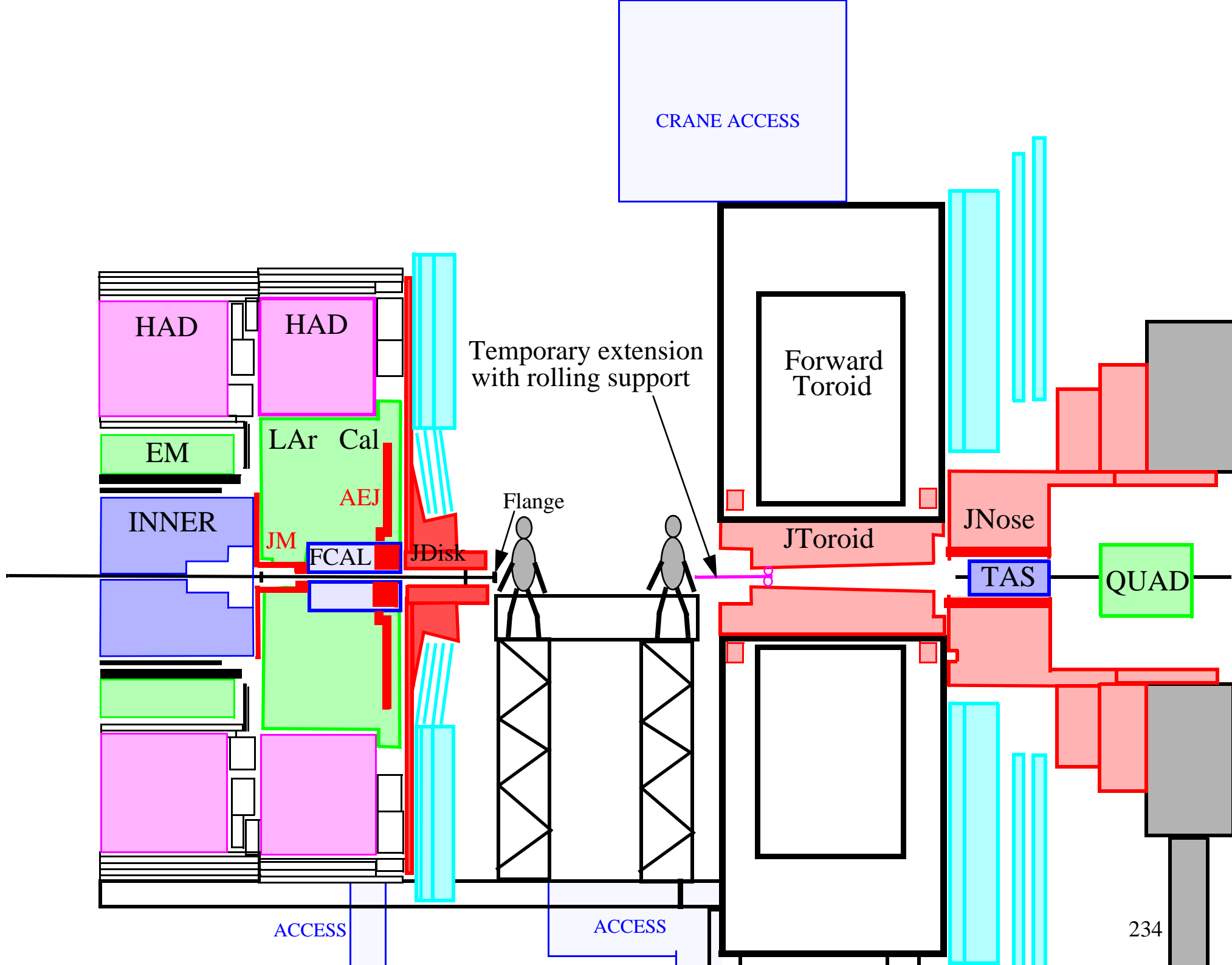












CRANE ACCESS

HAD

HAD

EM

INNER

JM

FCAL

JDisk

Temporary extension with rolling support

Flange

Forward Toroid

JToroid

JNose

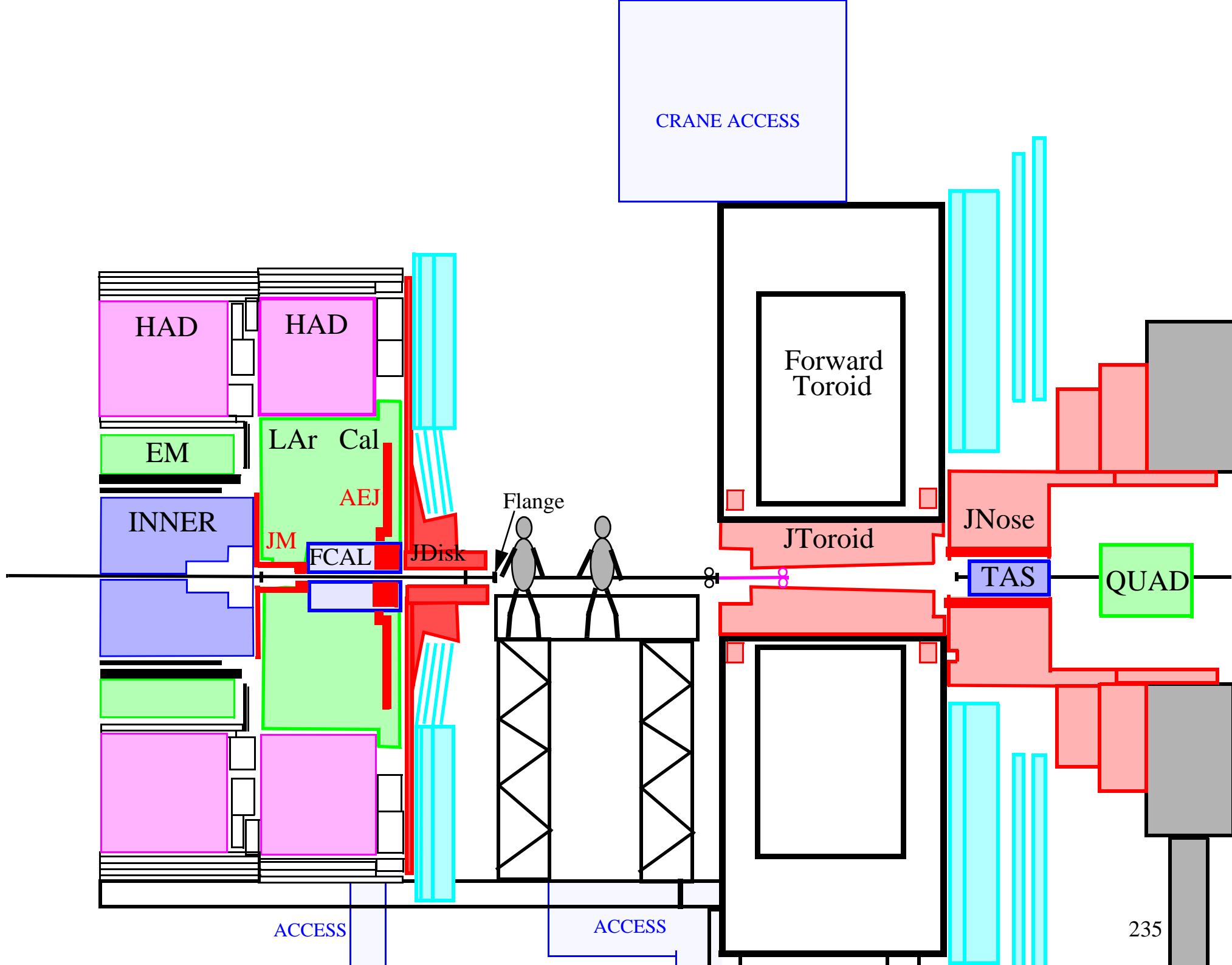
TAS

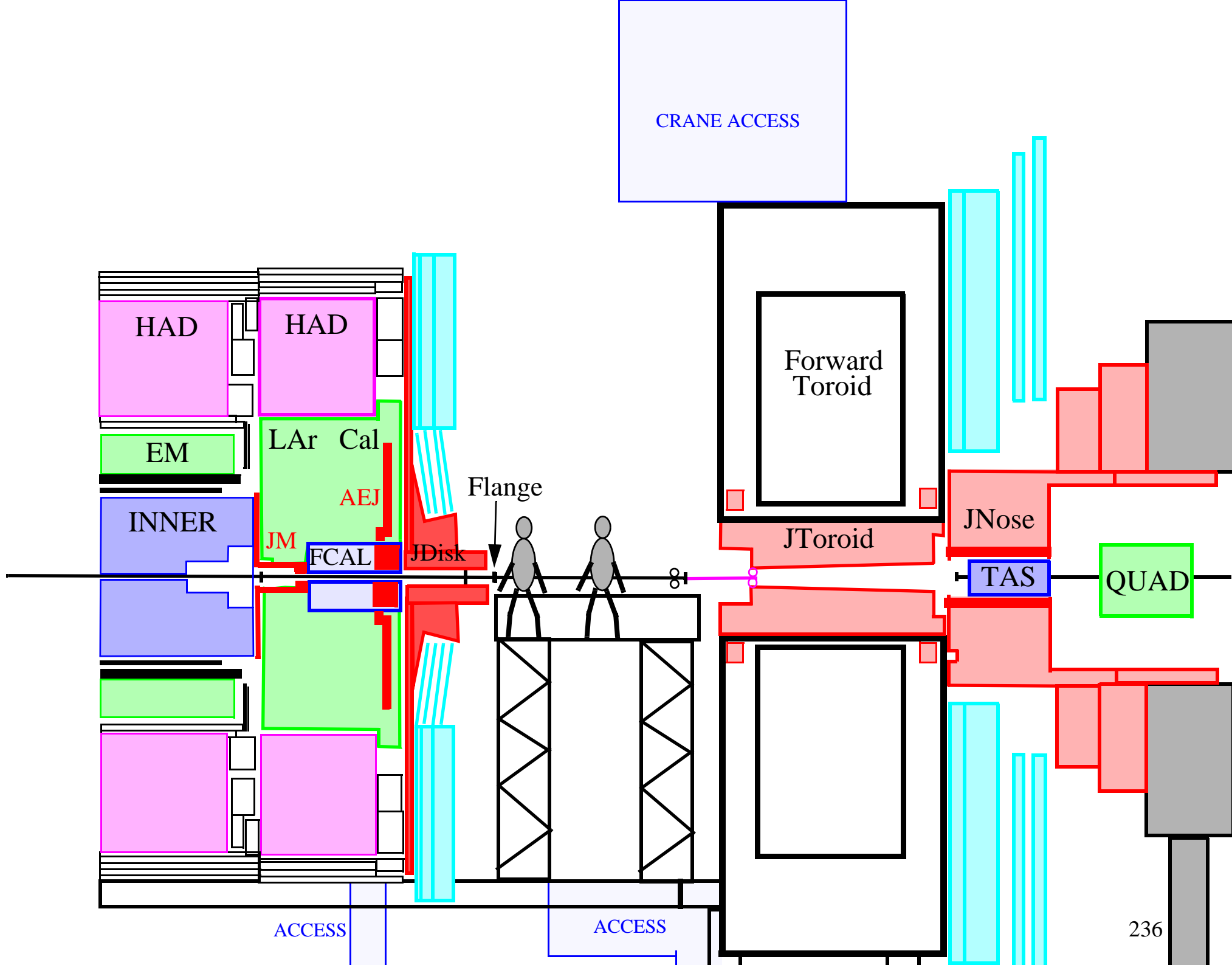
QUAD

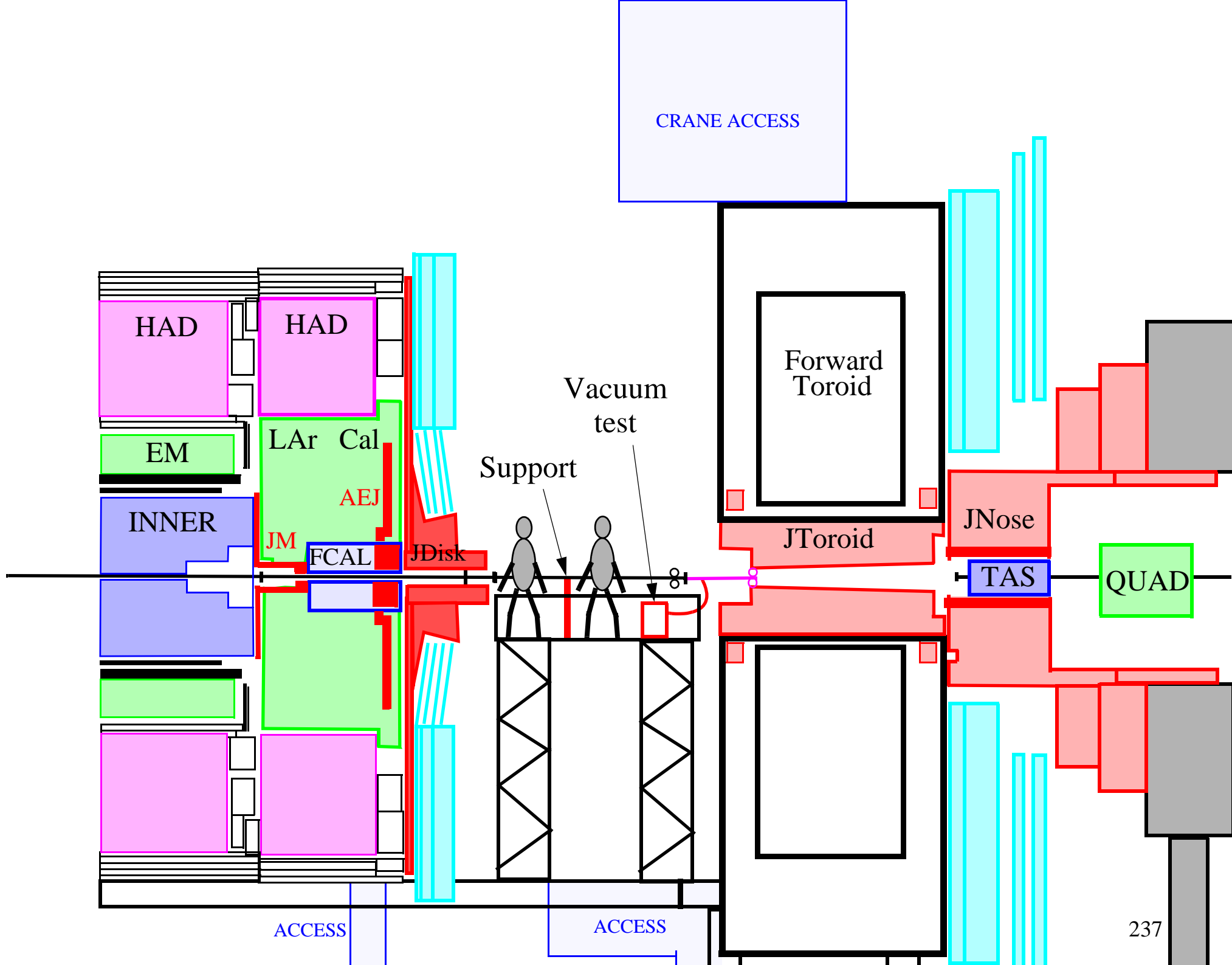
ACCESS

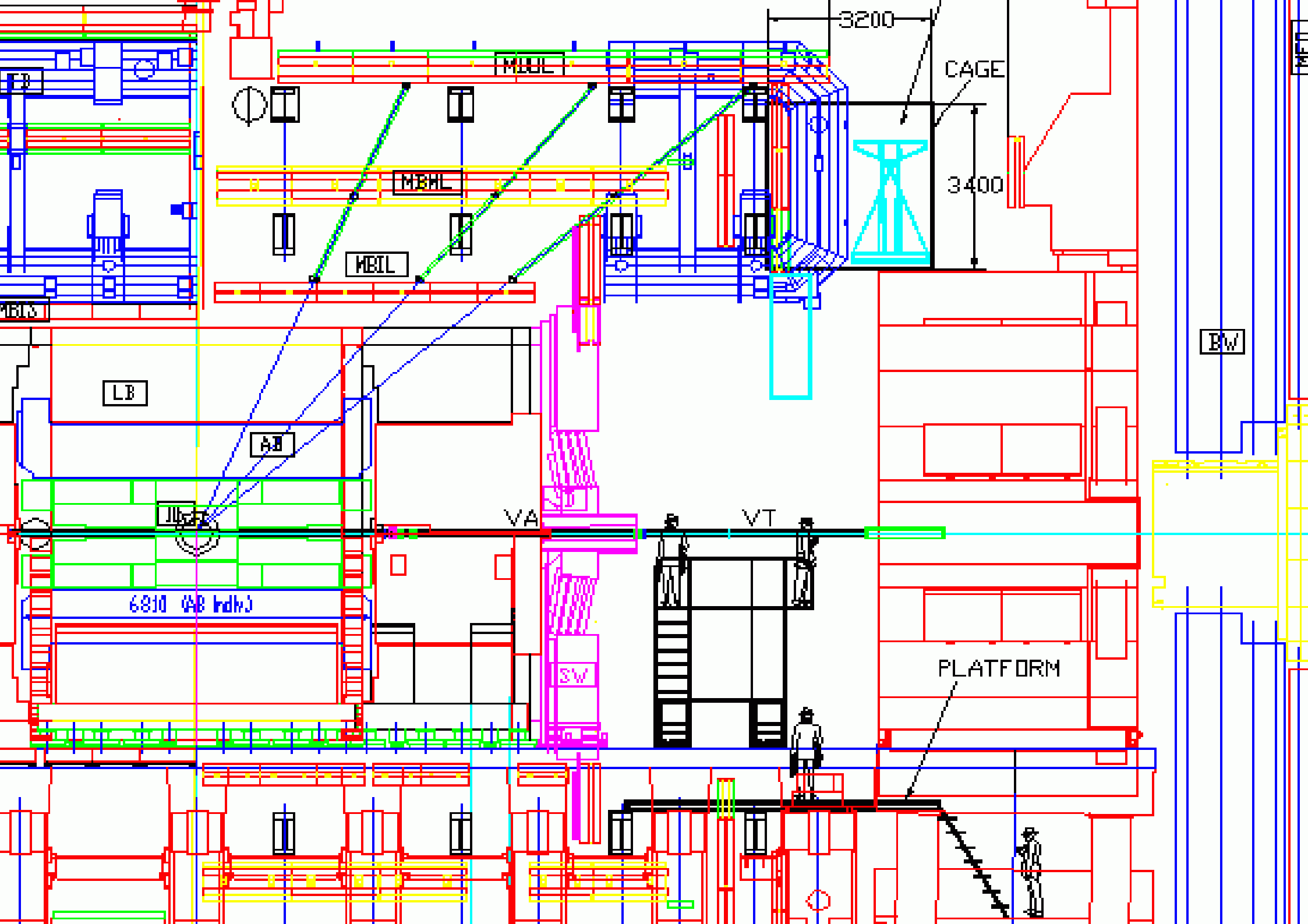
ACCESS

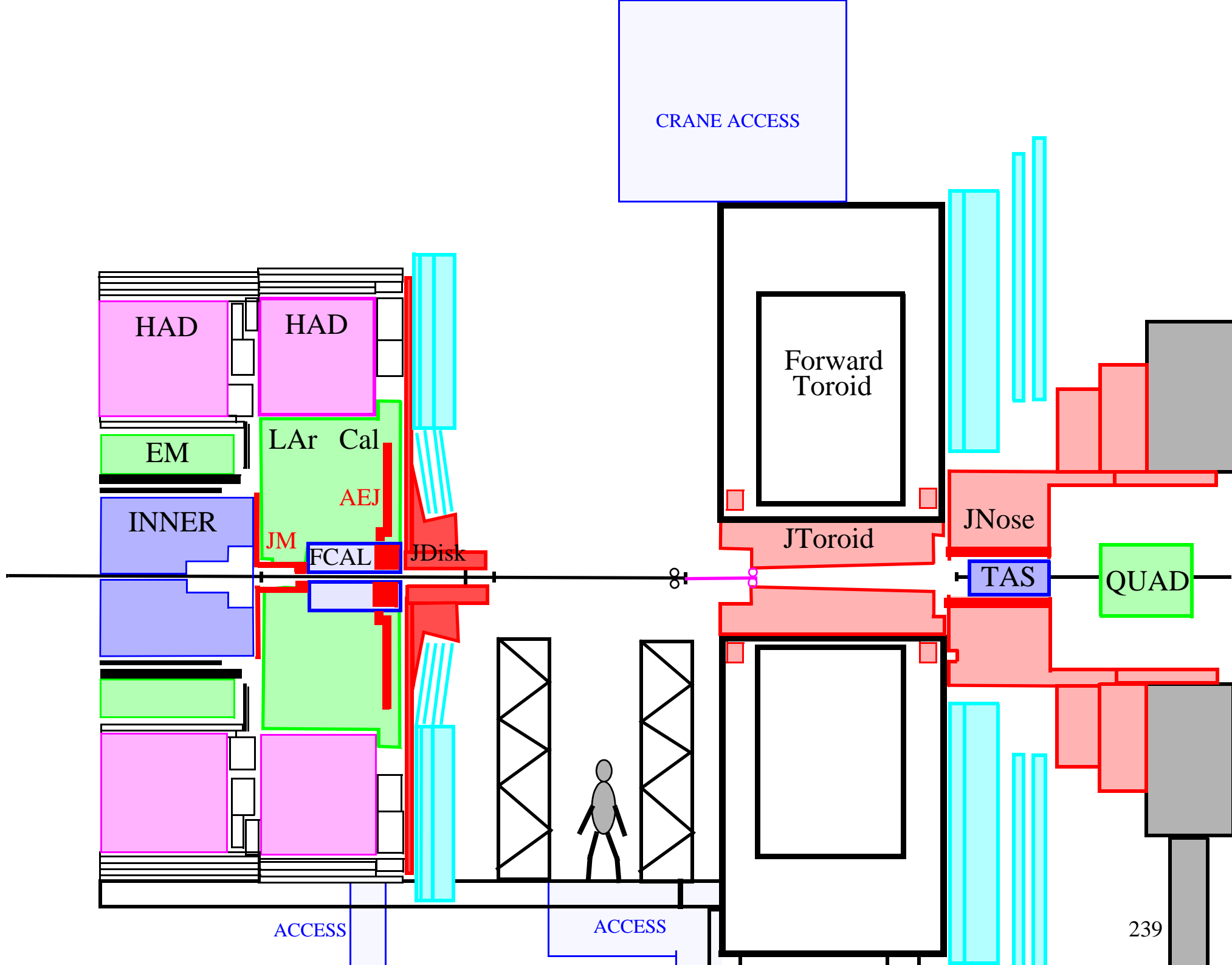
234











HAD

HAD

EM

LAr Cal

INNER

AEJ

JM

FCAL

JDisk

Forward Toroid

JToroid

JNose

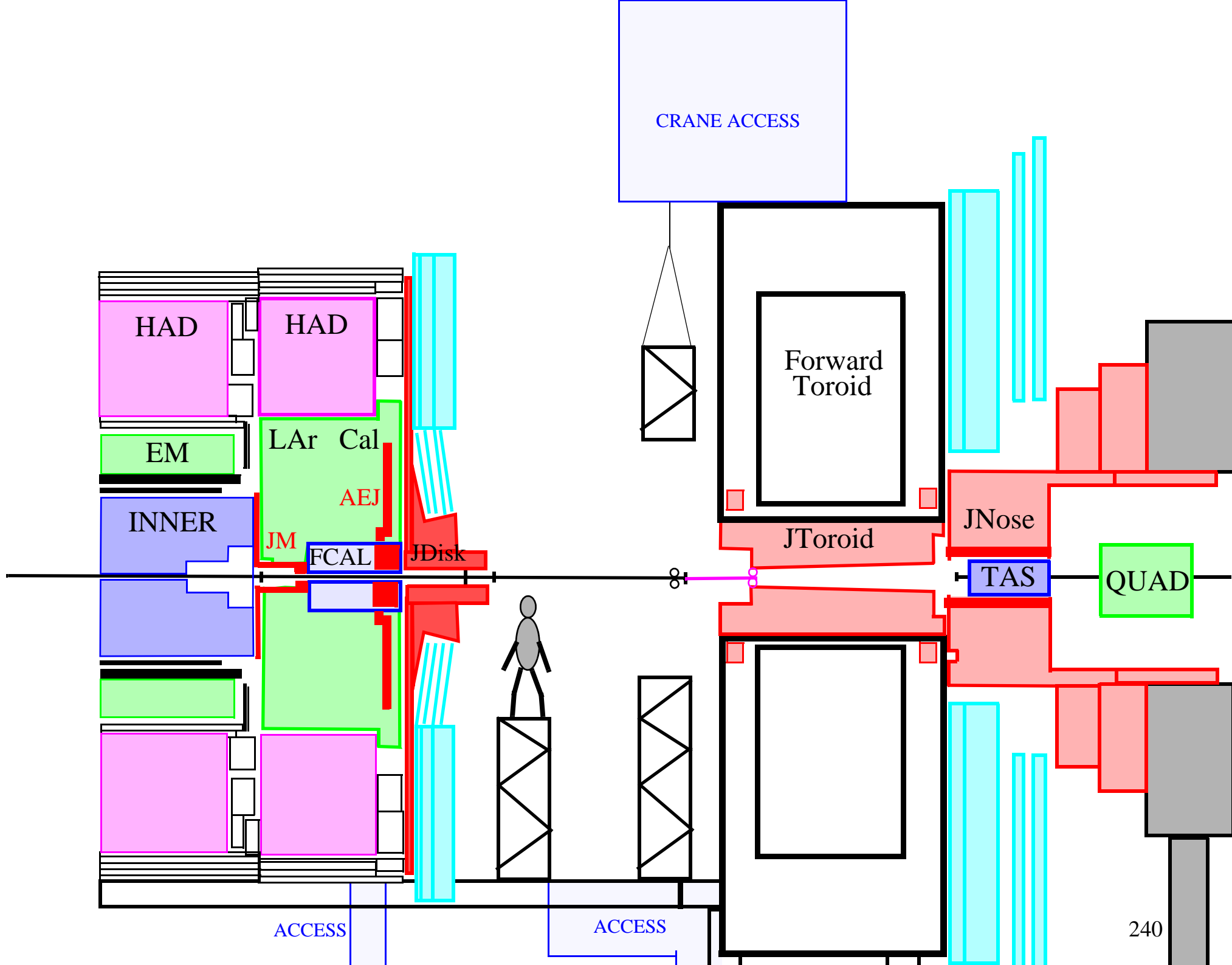
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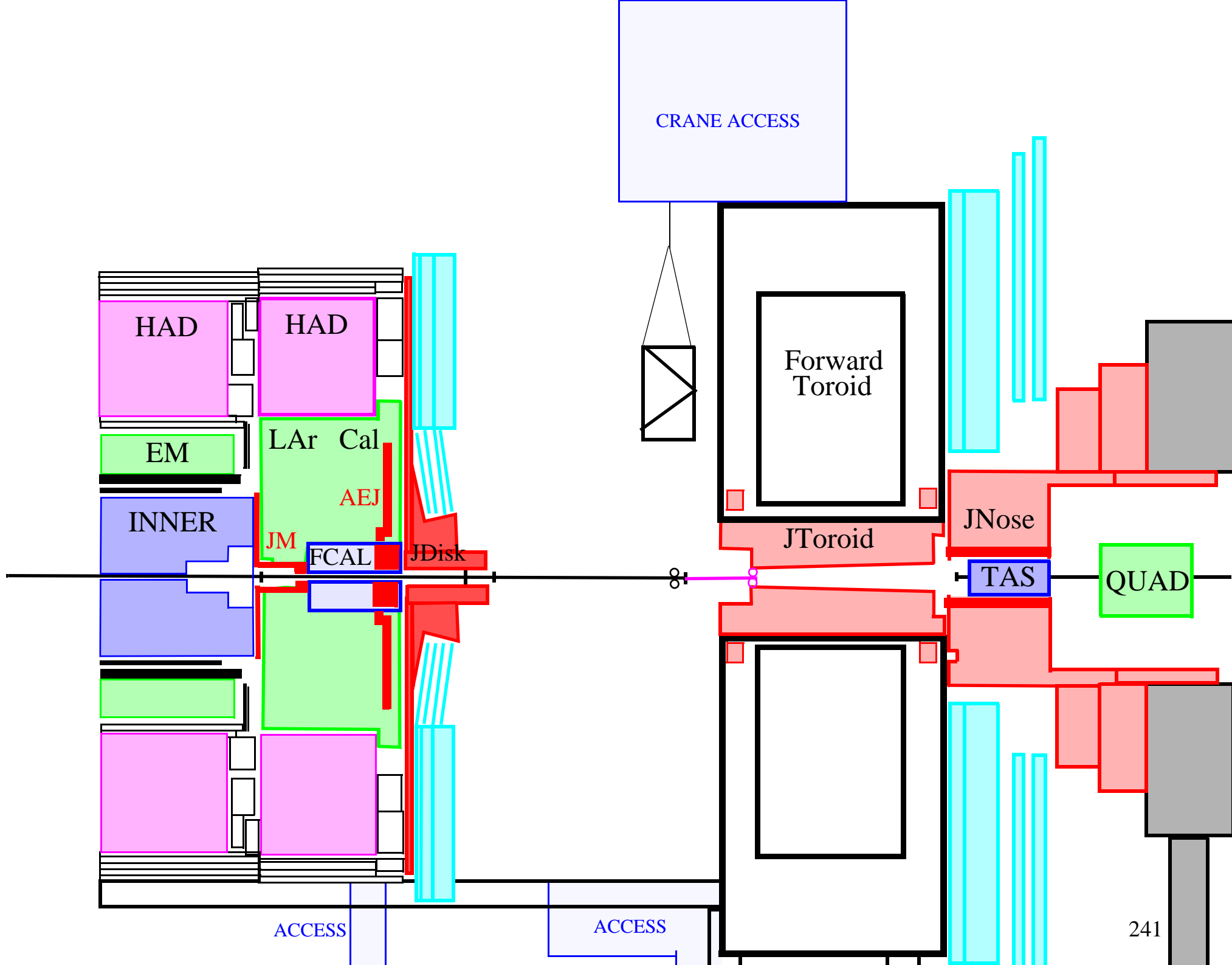
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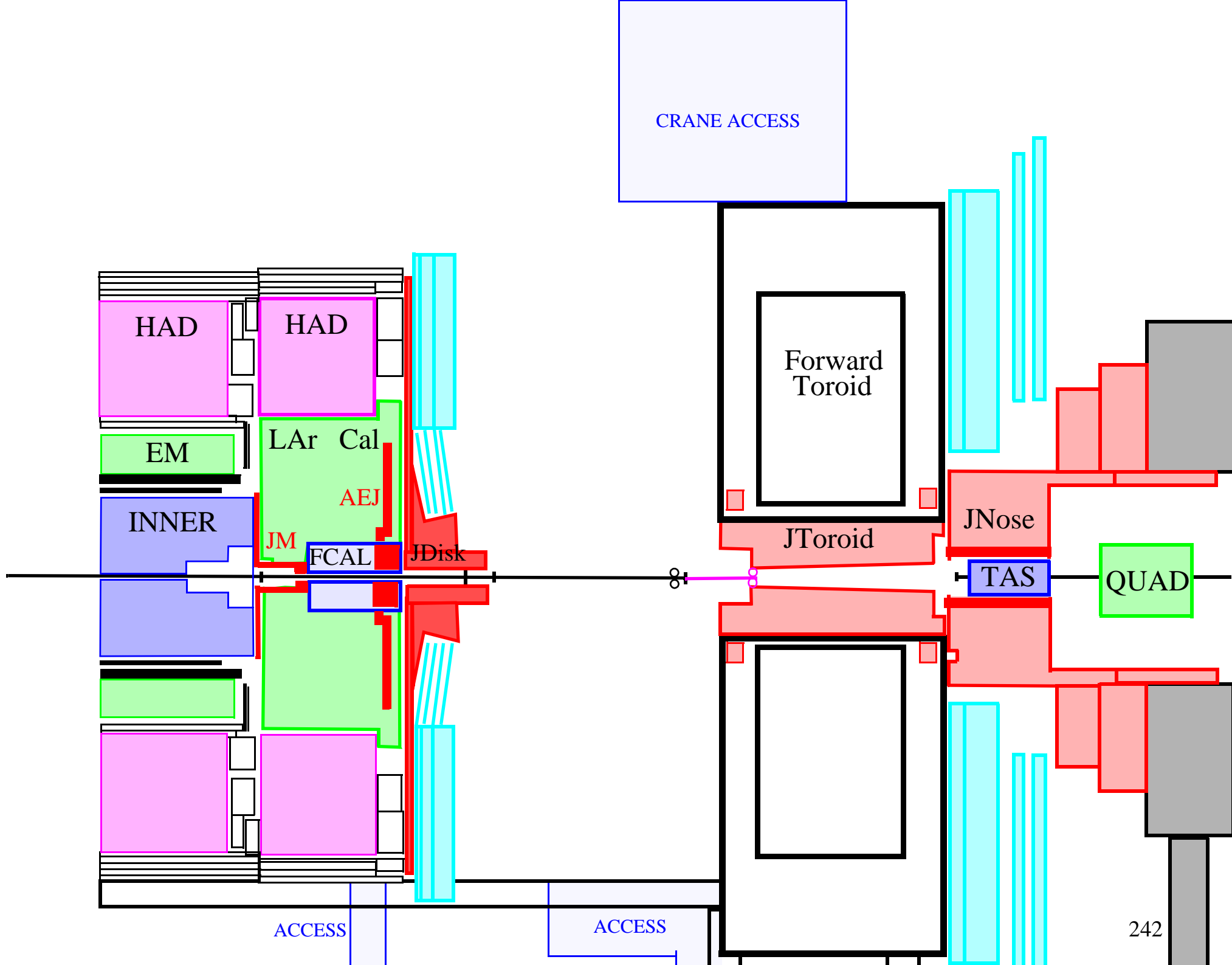
CRANE ACCESS

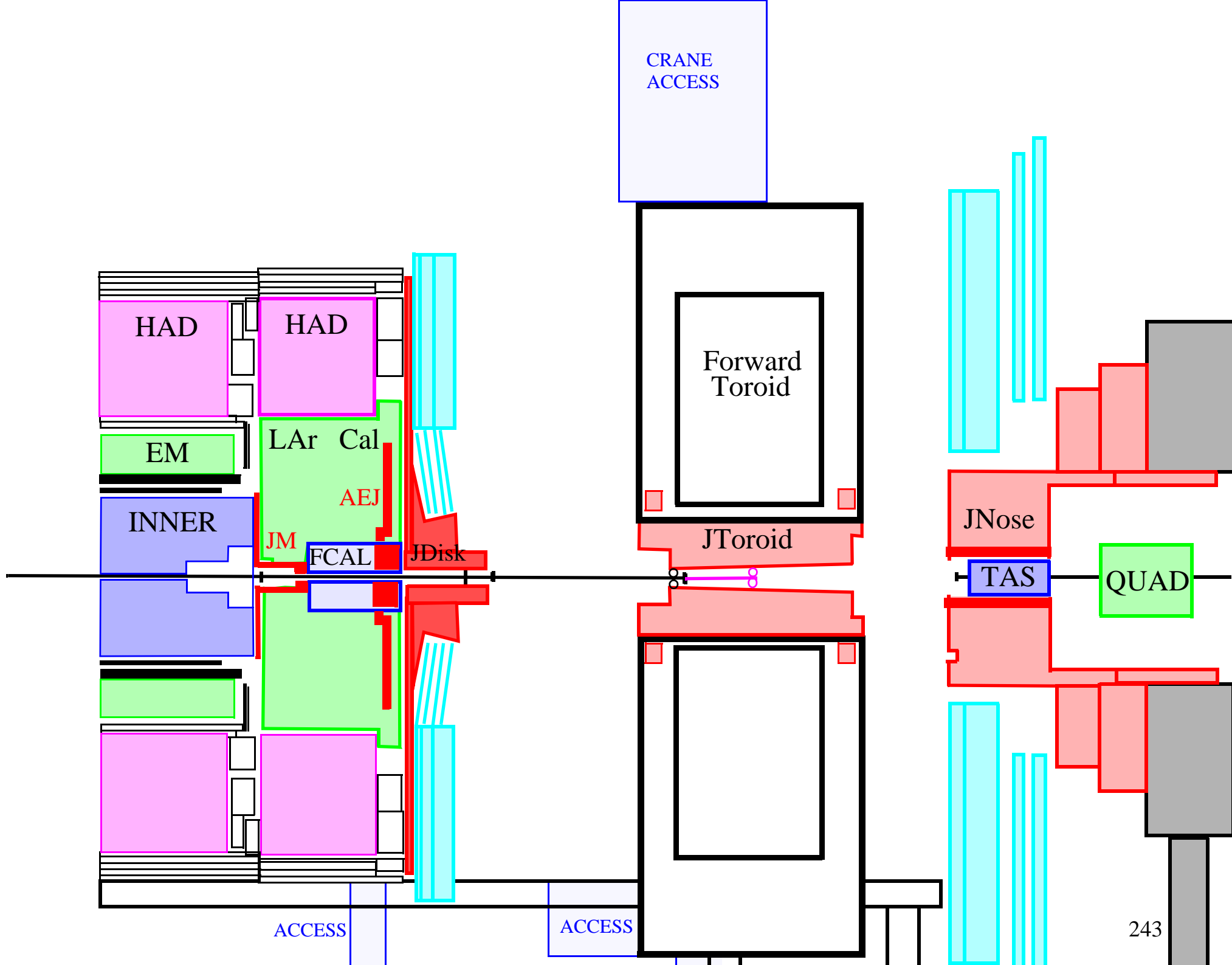
ACCESS

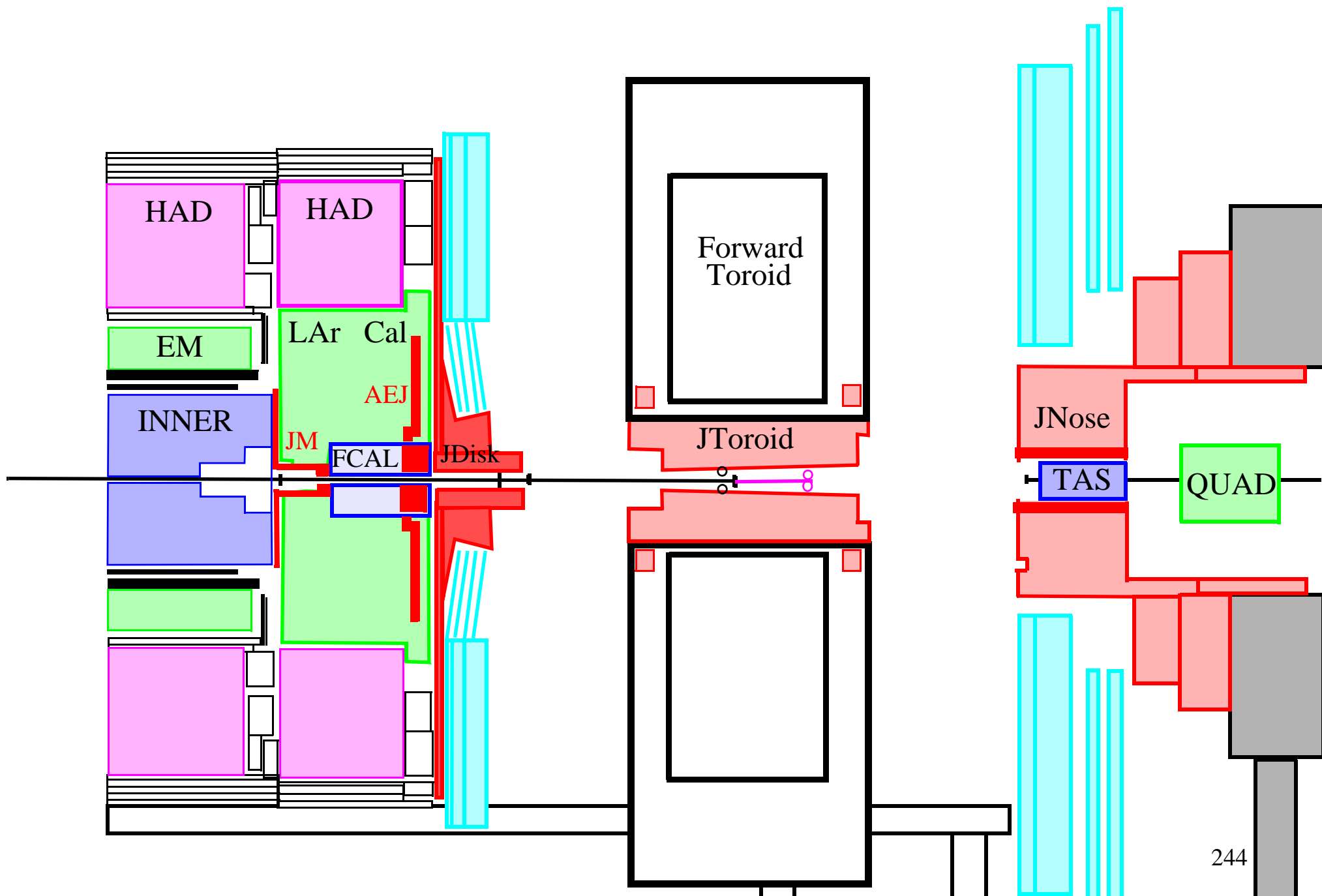
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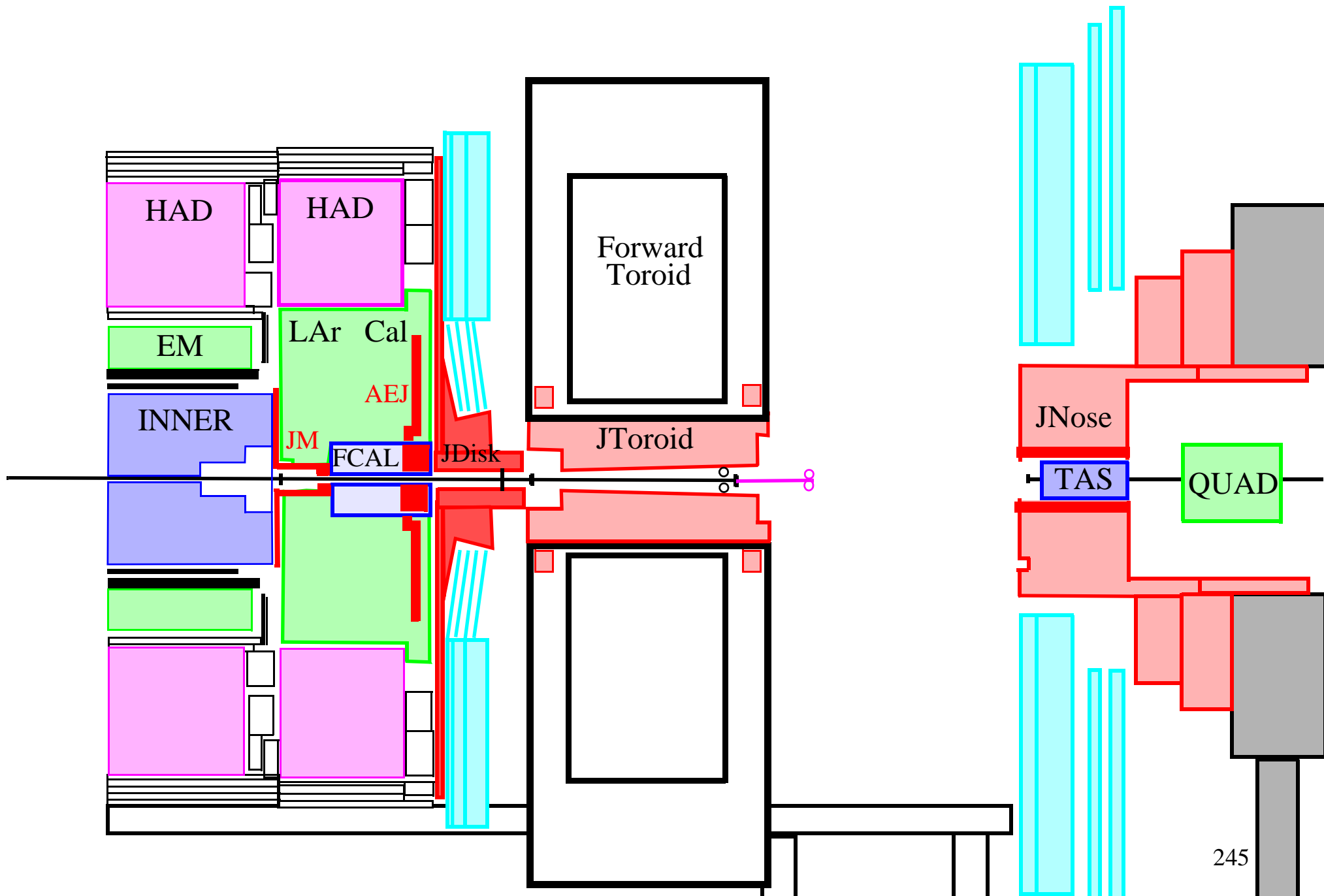


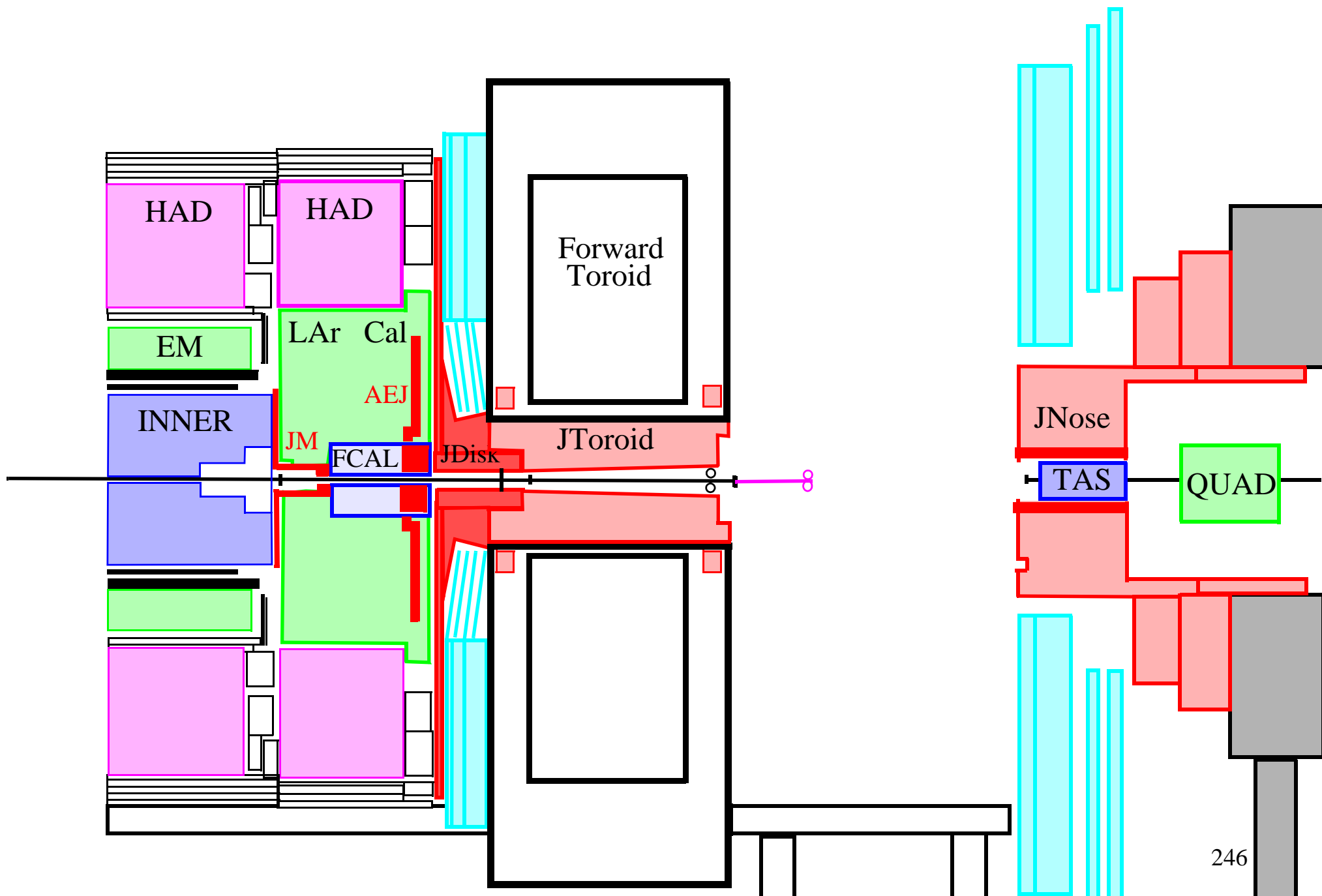


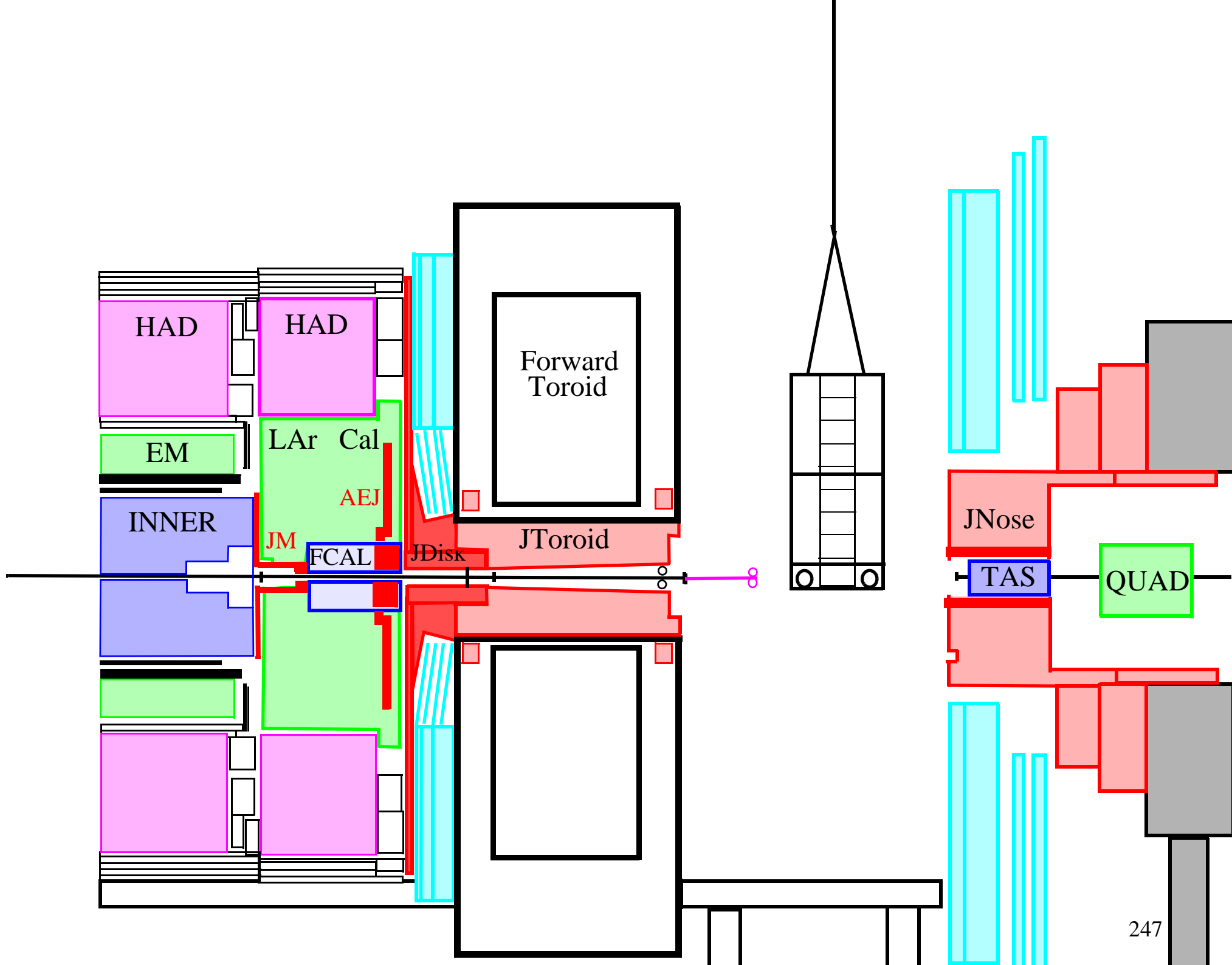


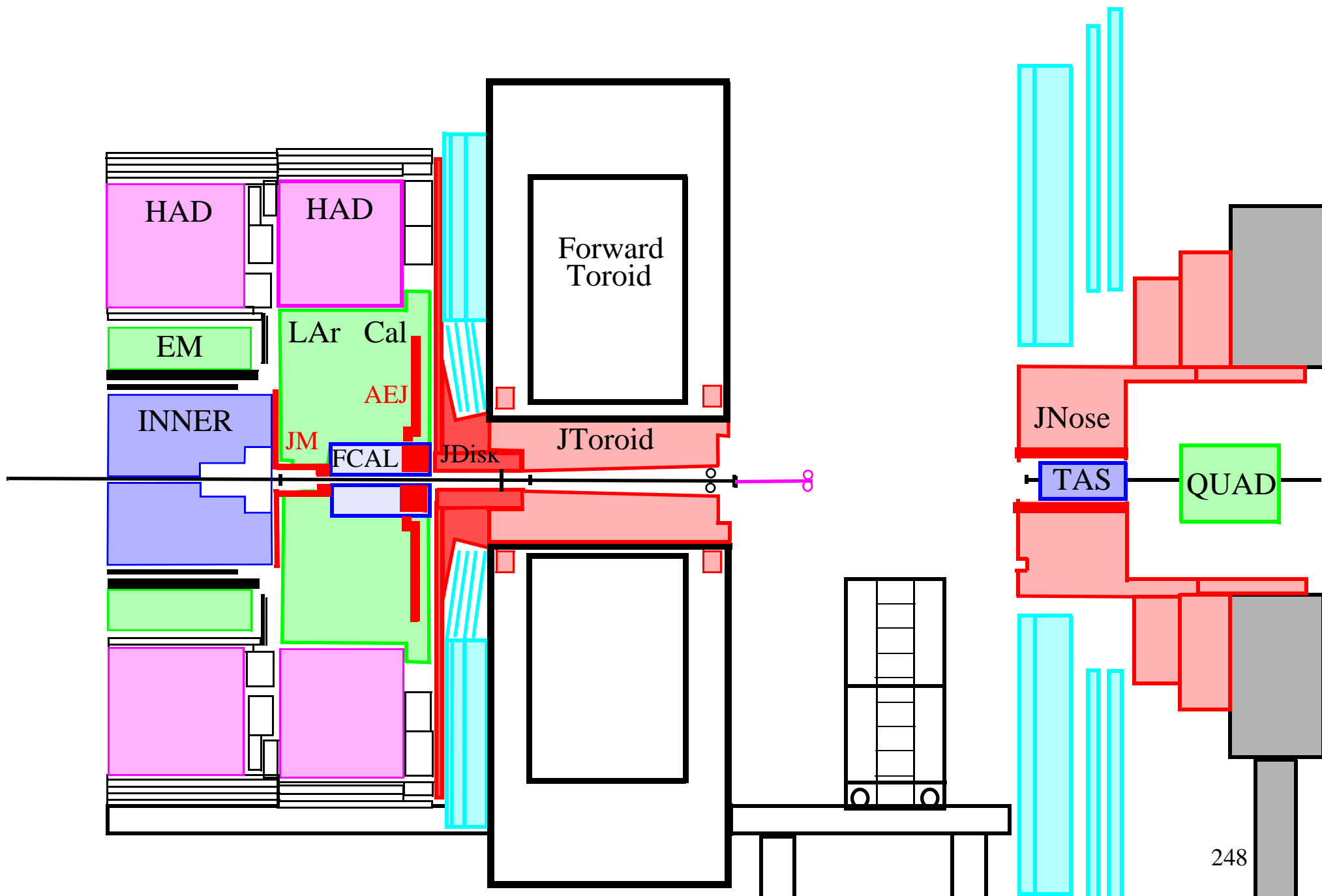


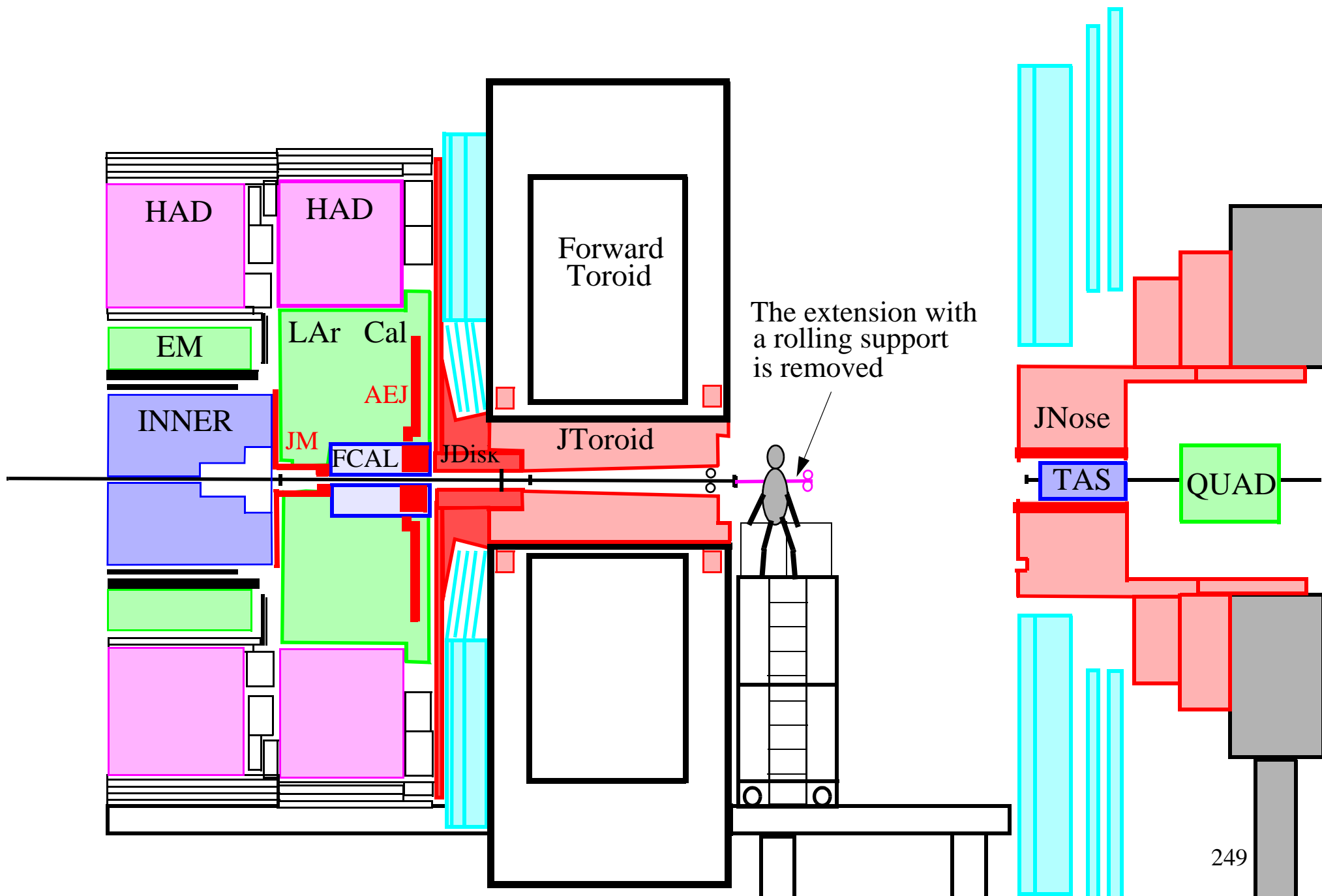


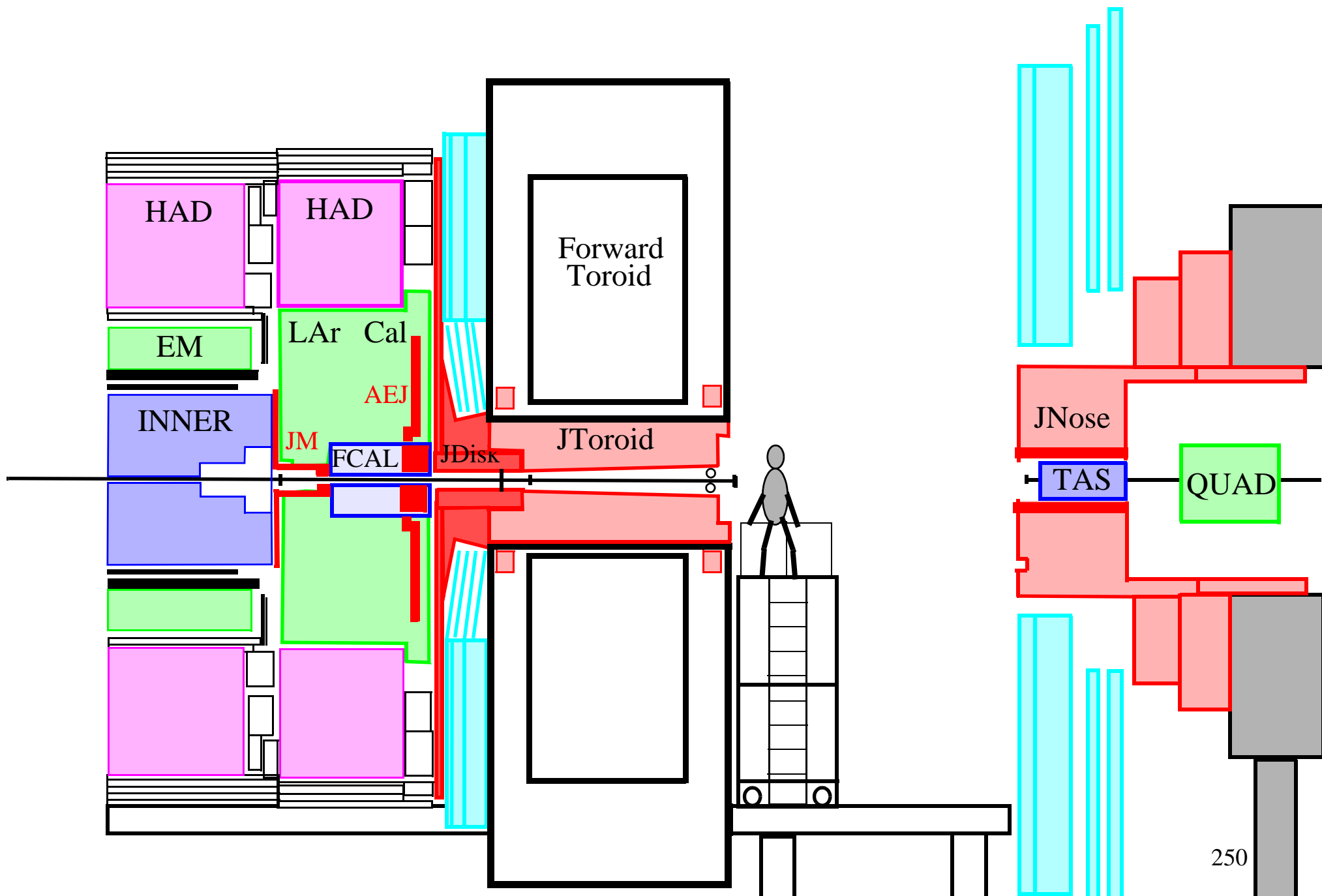


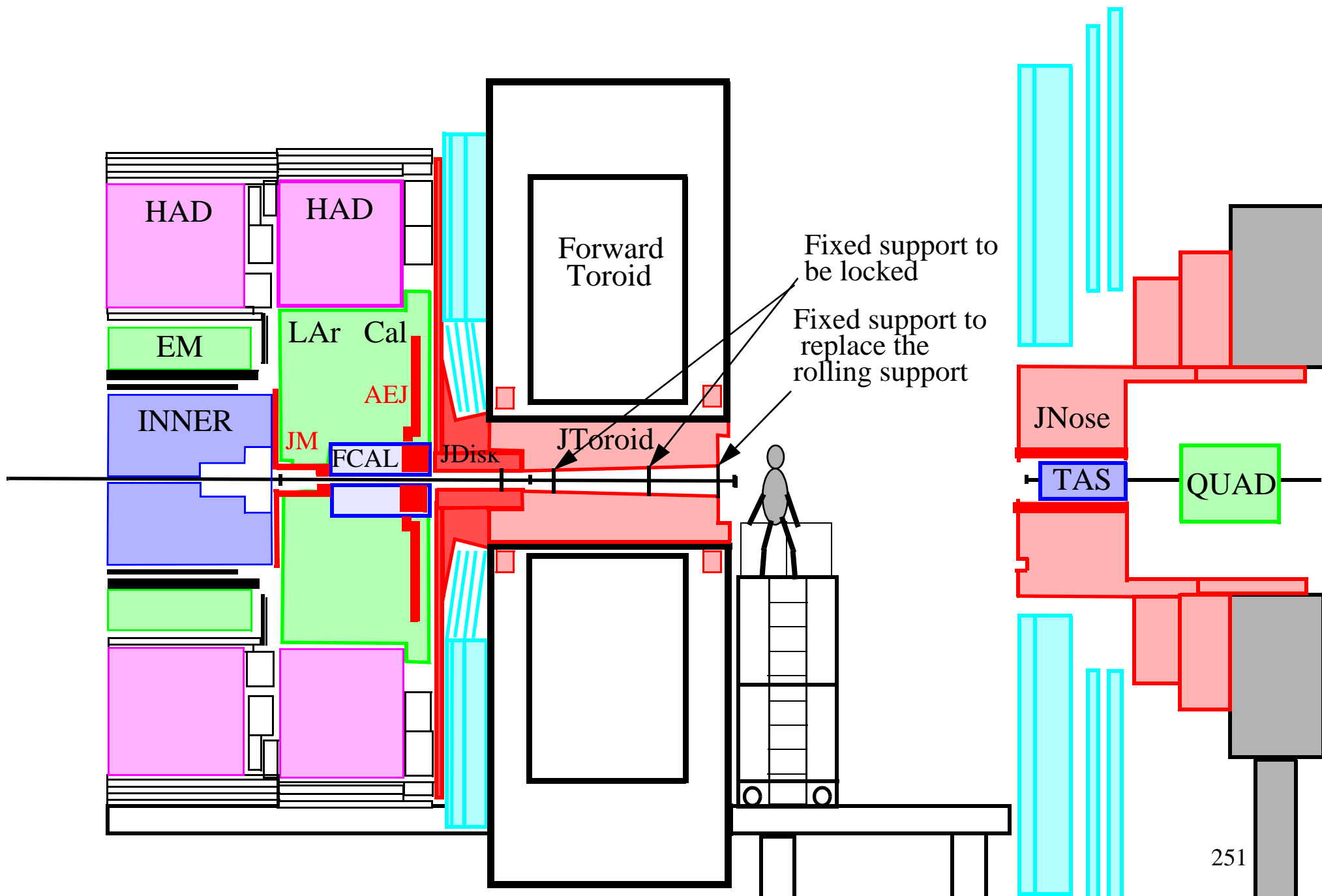




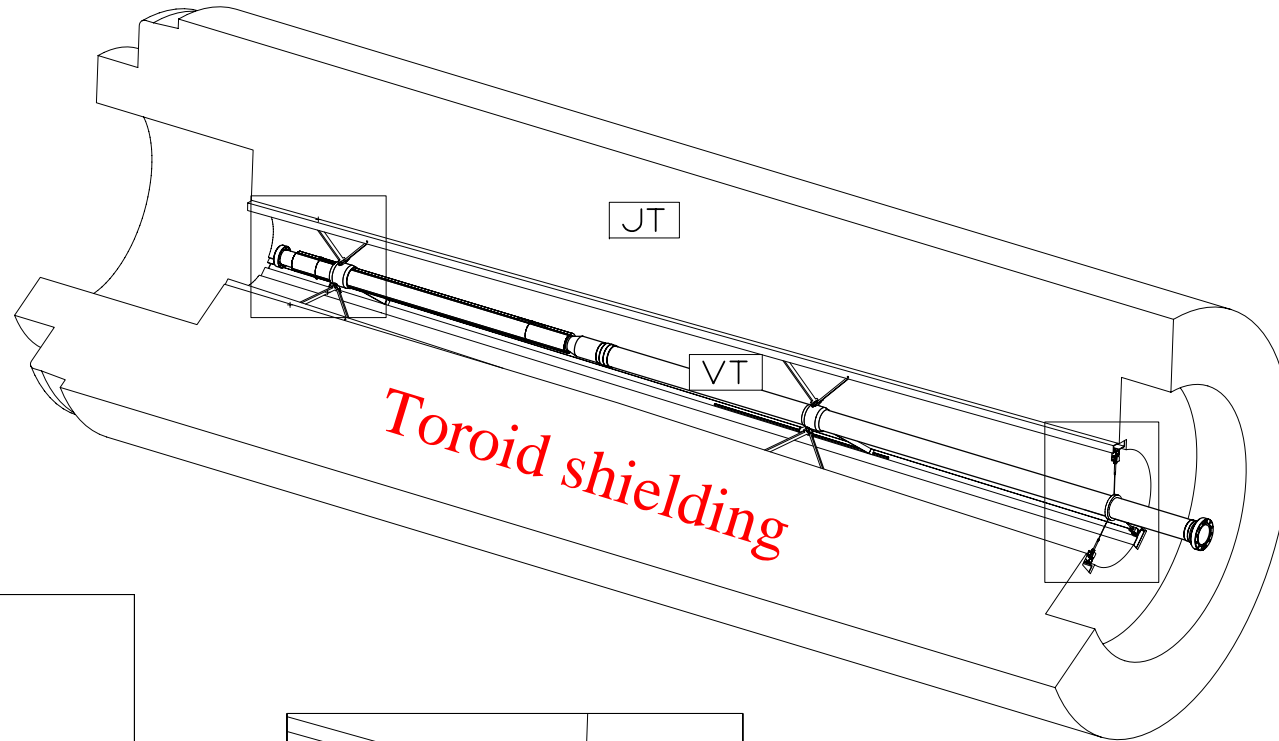




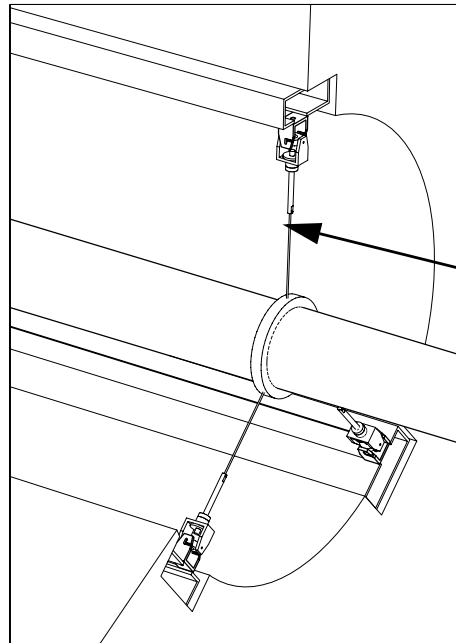
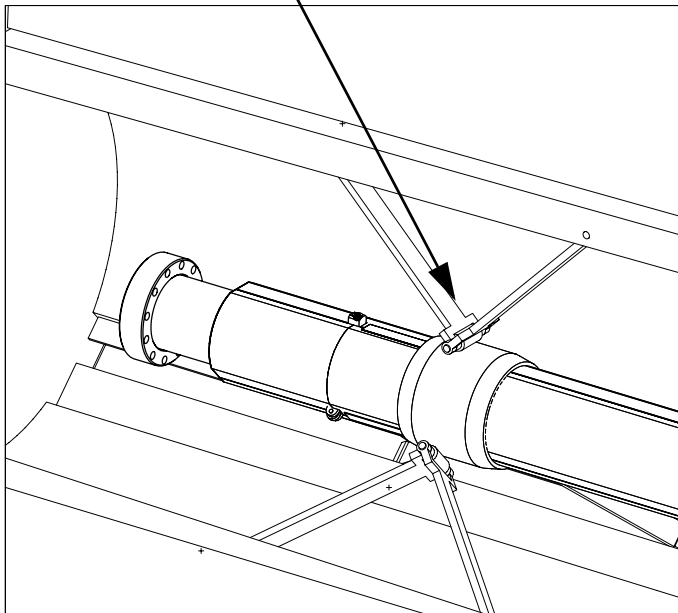
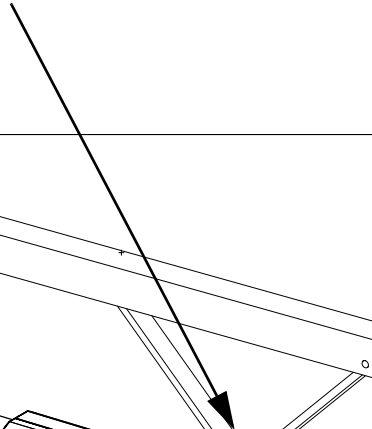




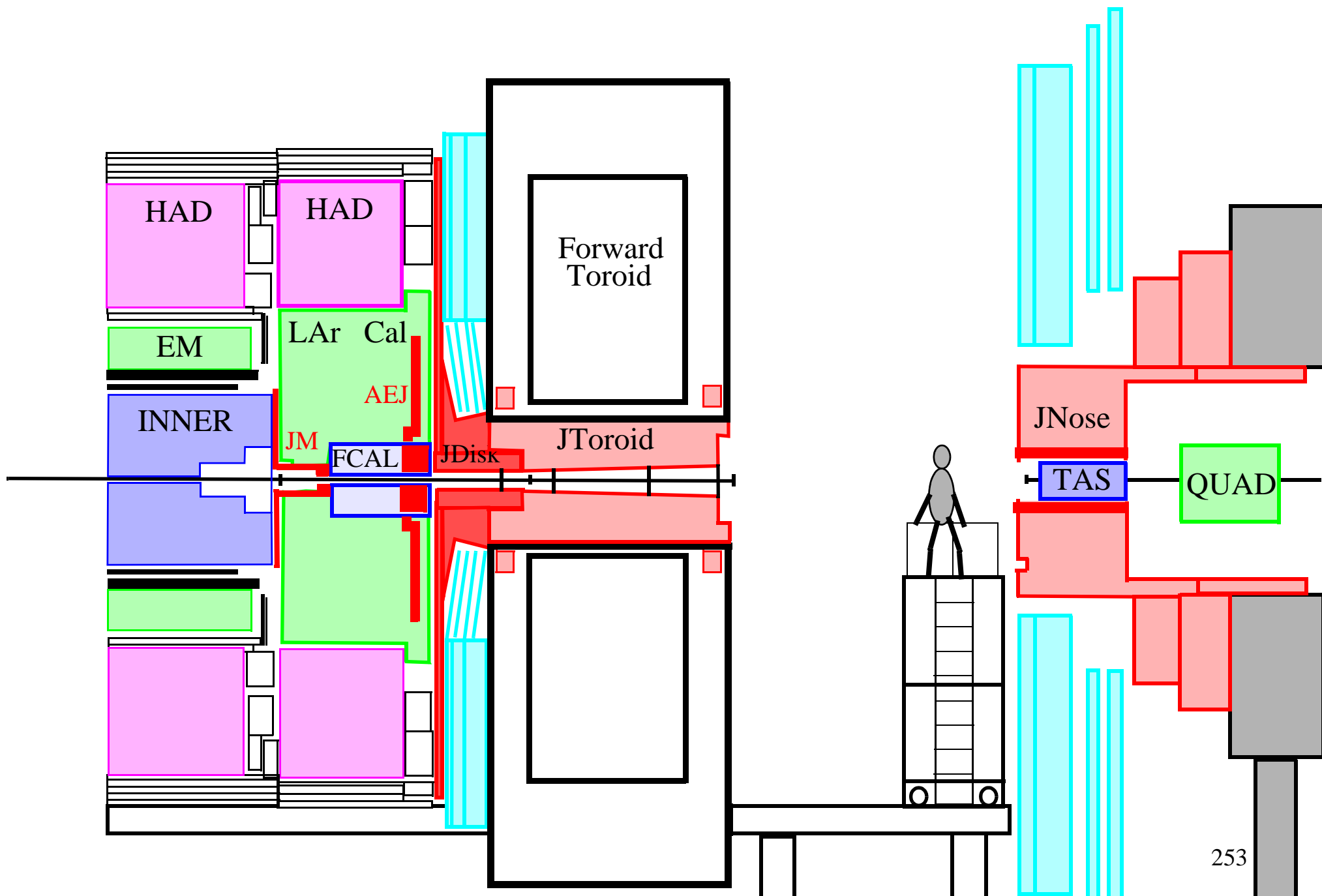
Beampipe supports

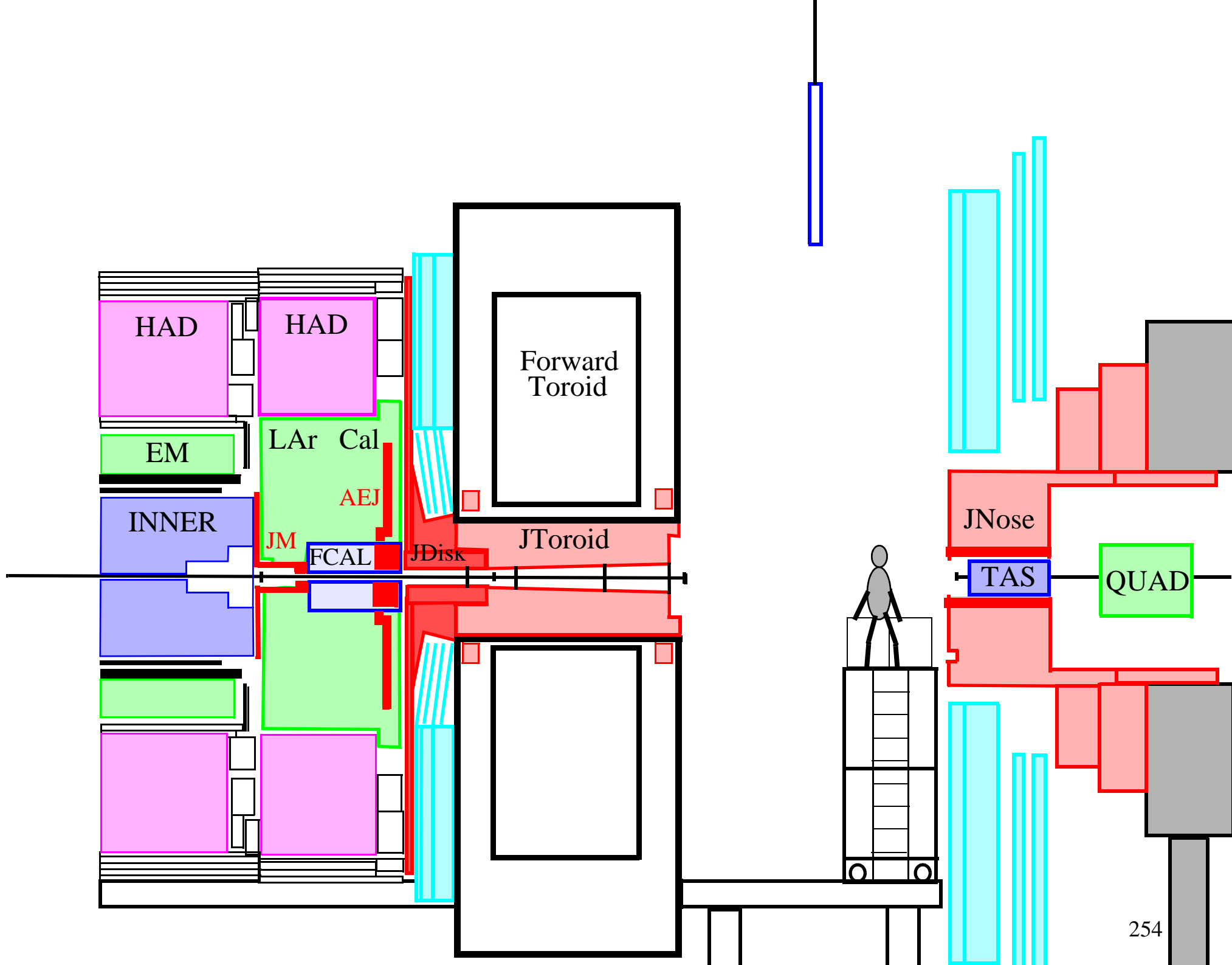


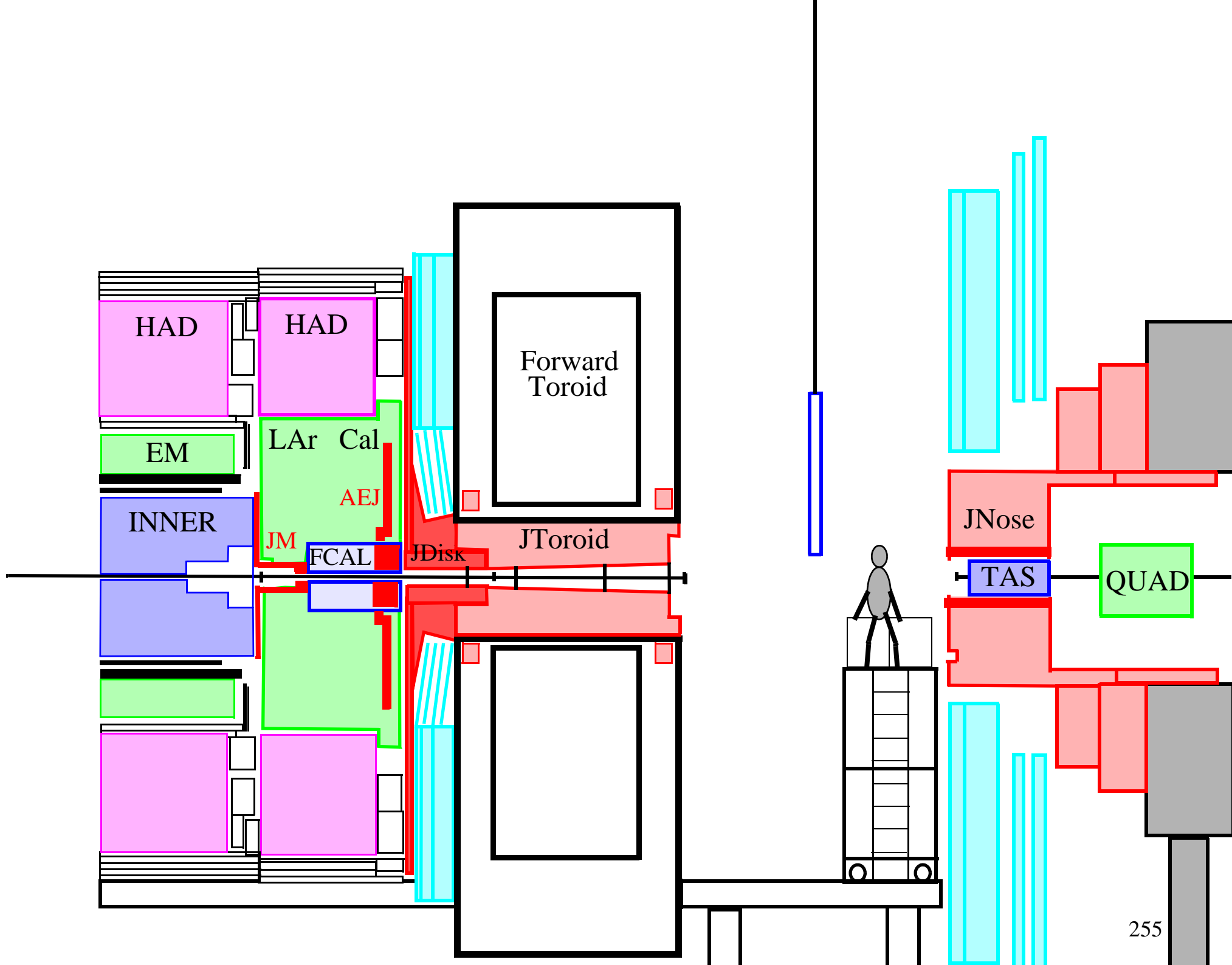
This support has to be locked.

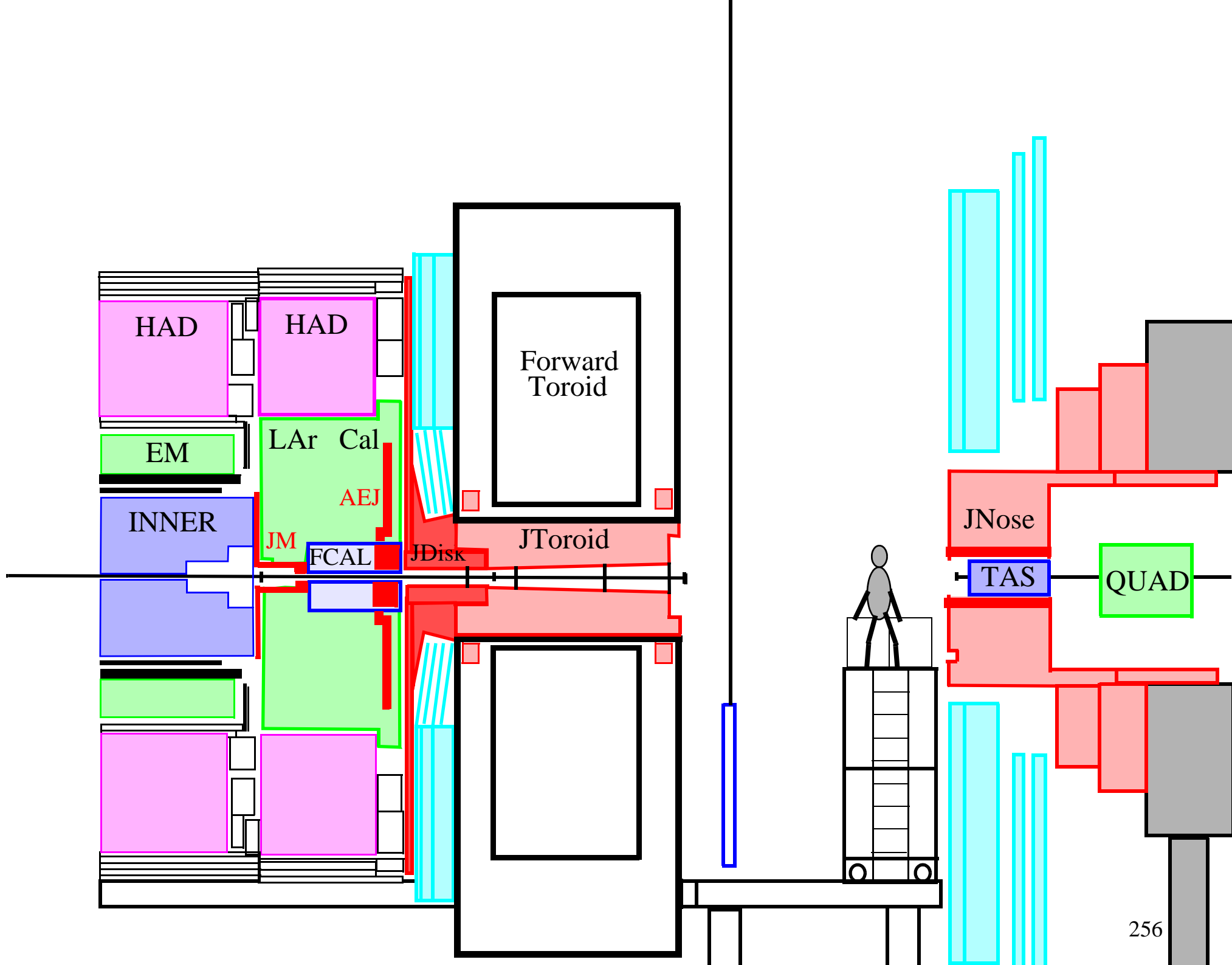


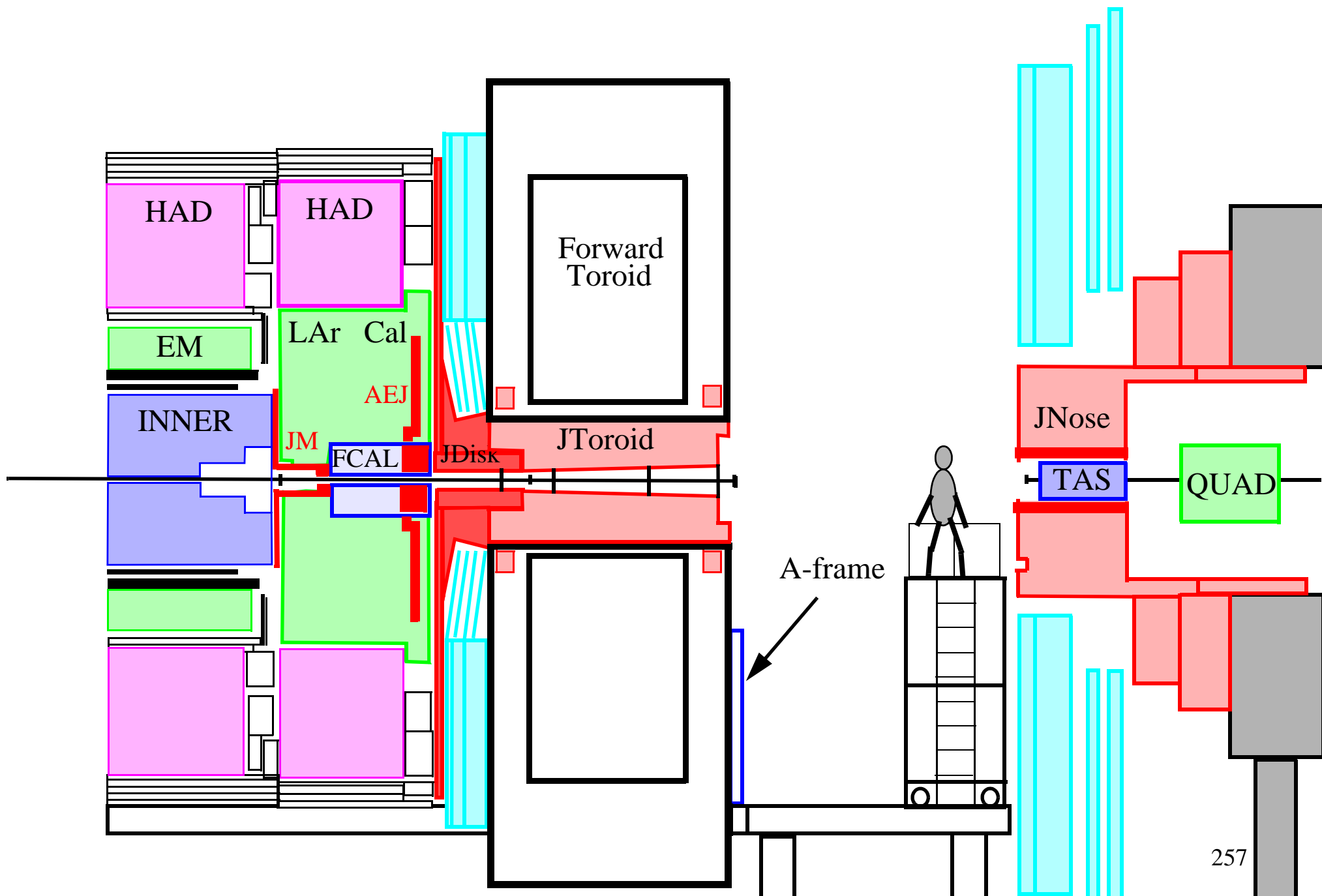
This support has to be attached and the rolling support has to be removed.

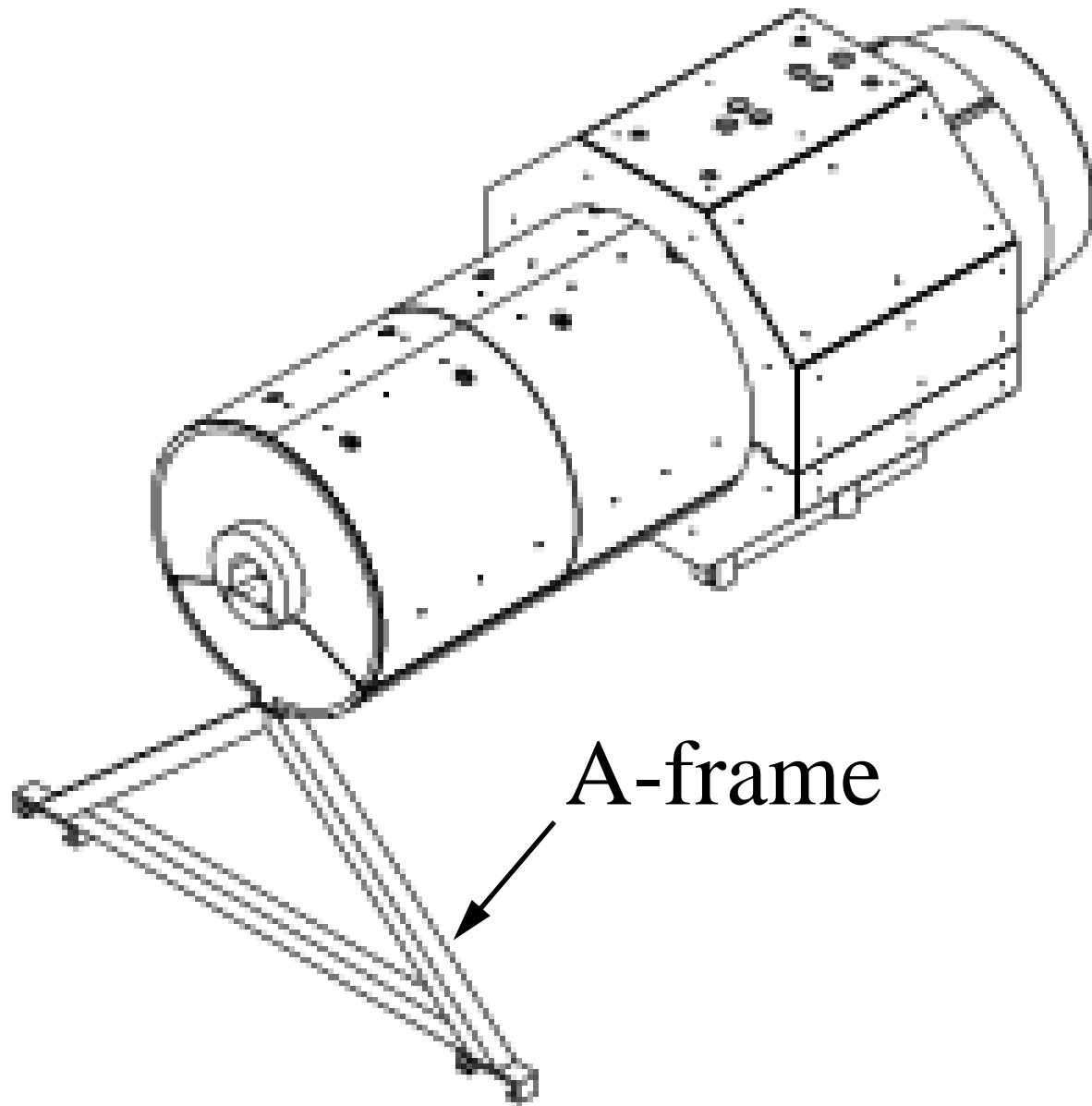




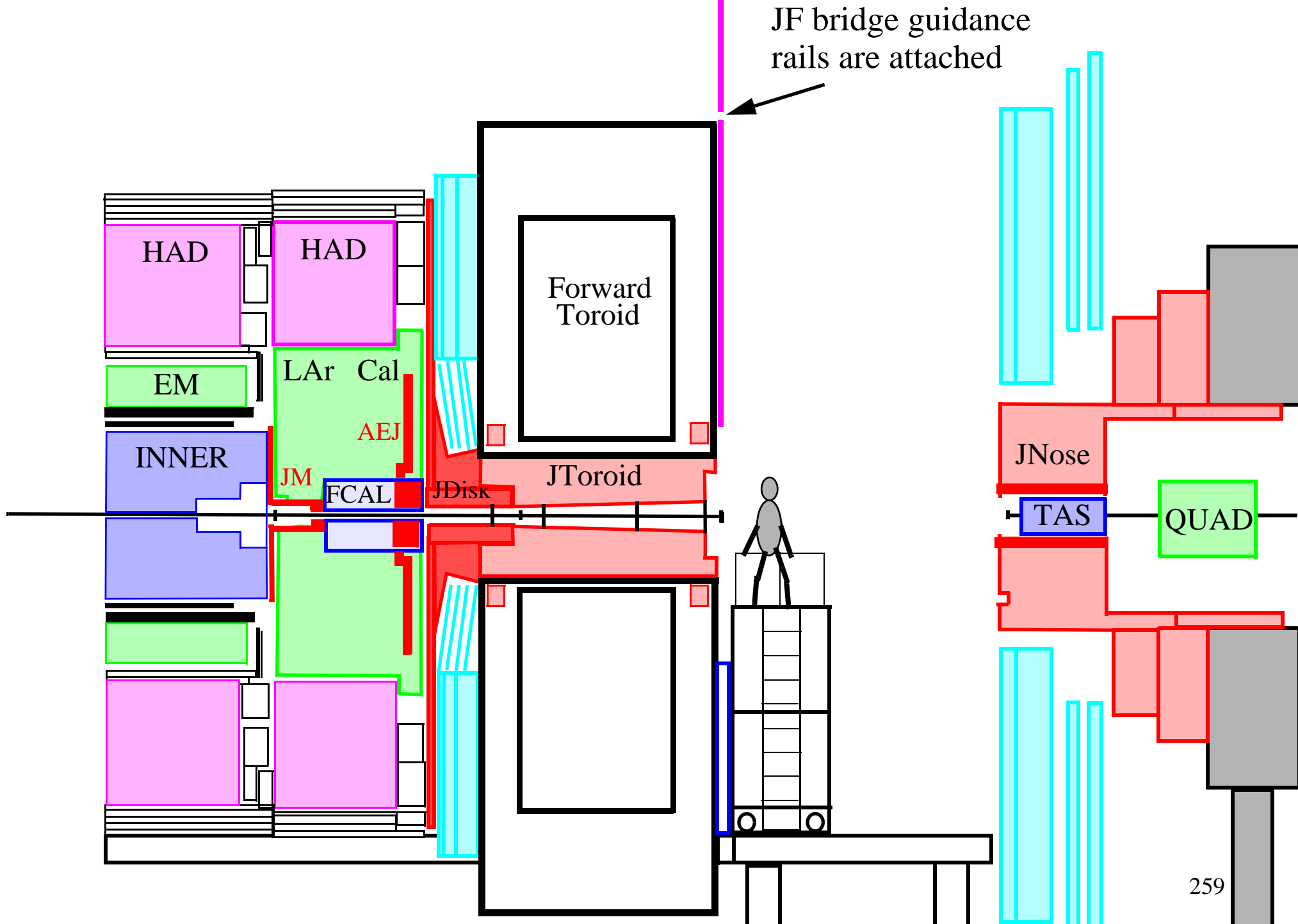






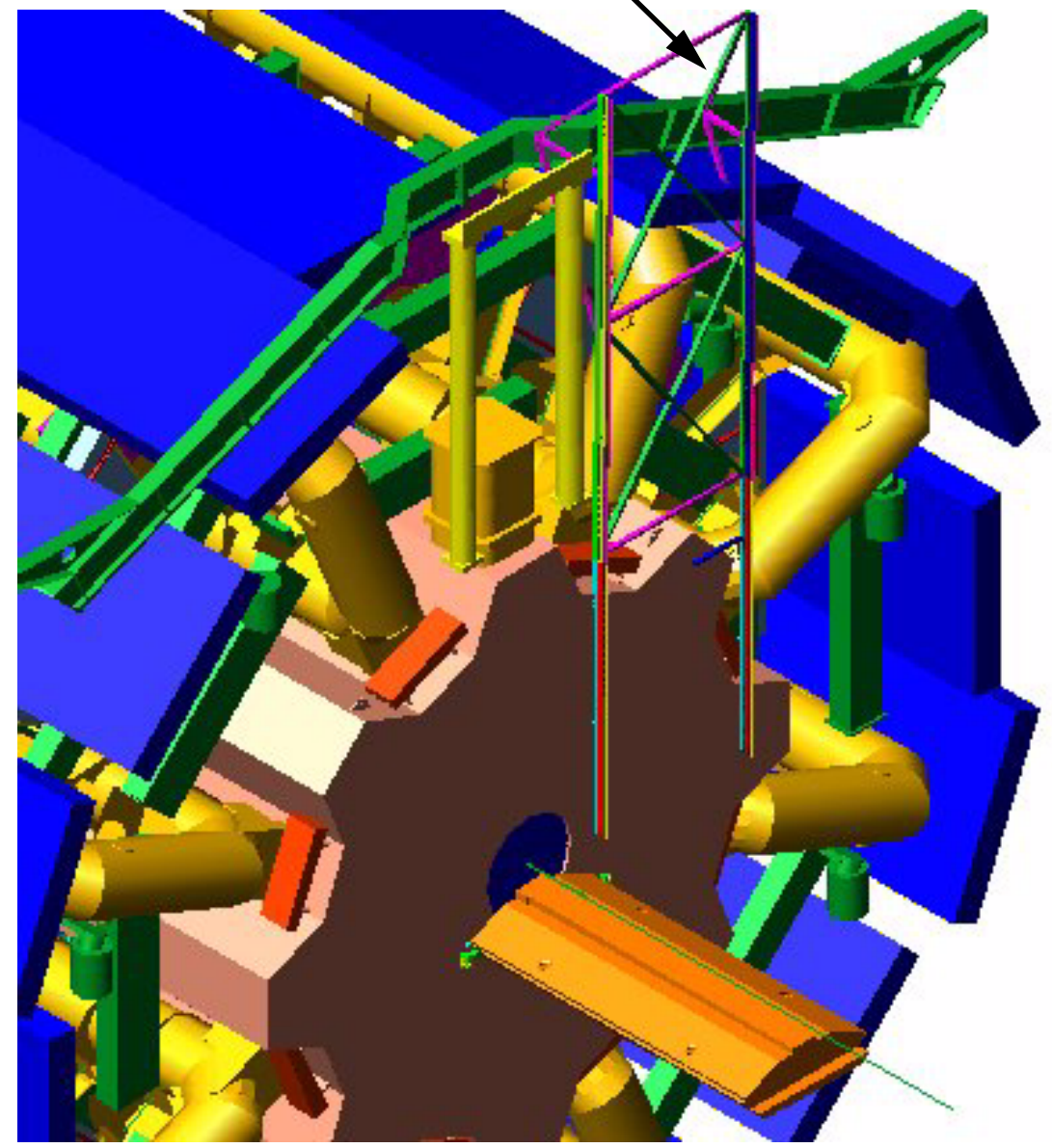
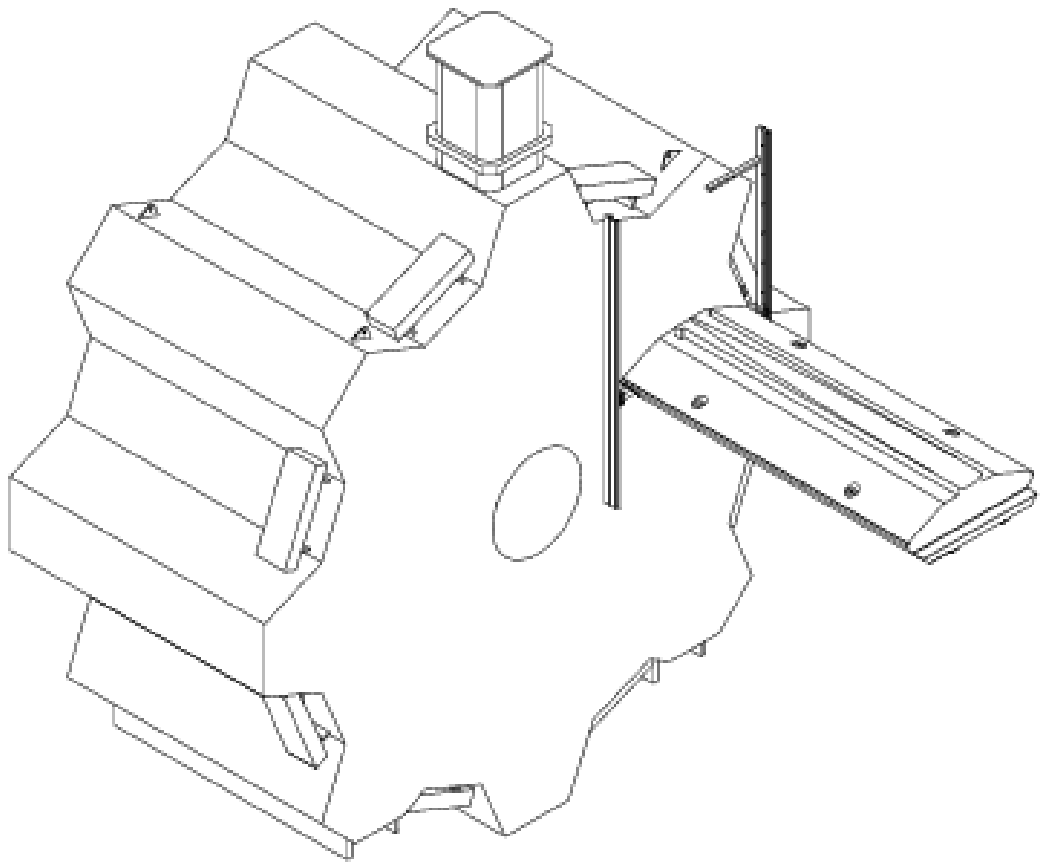


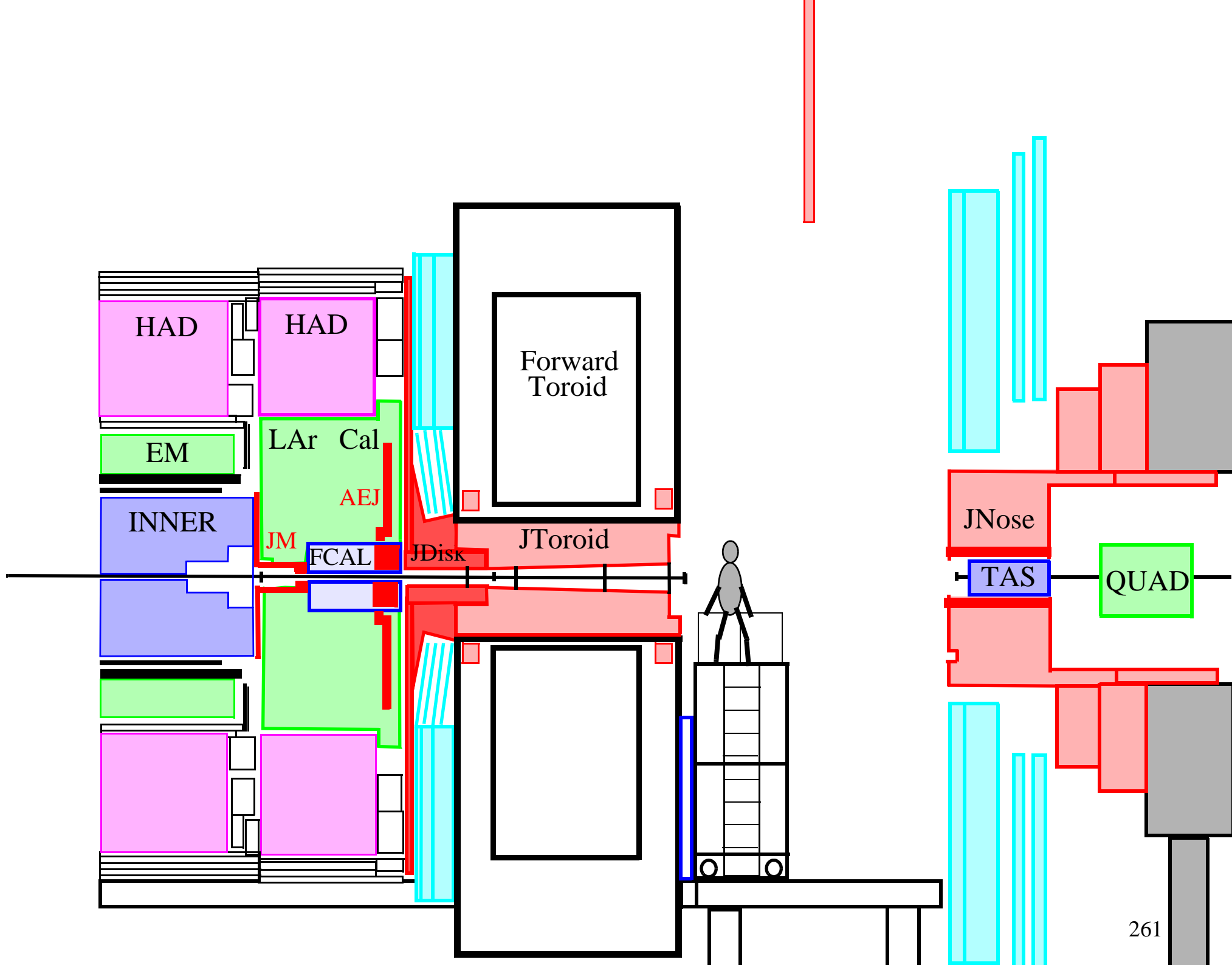
A-frame

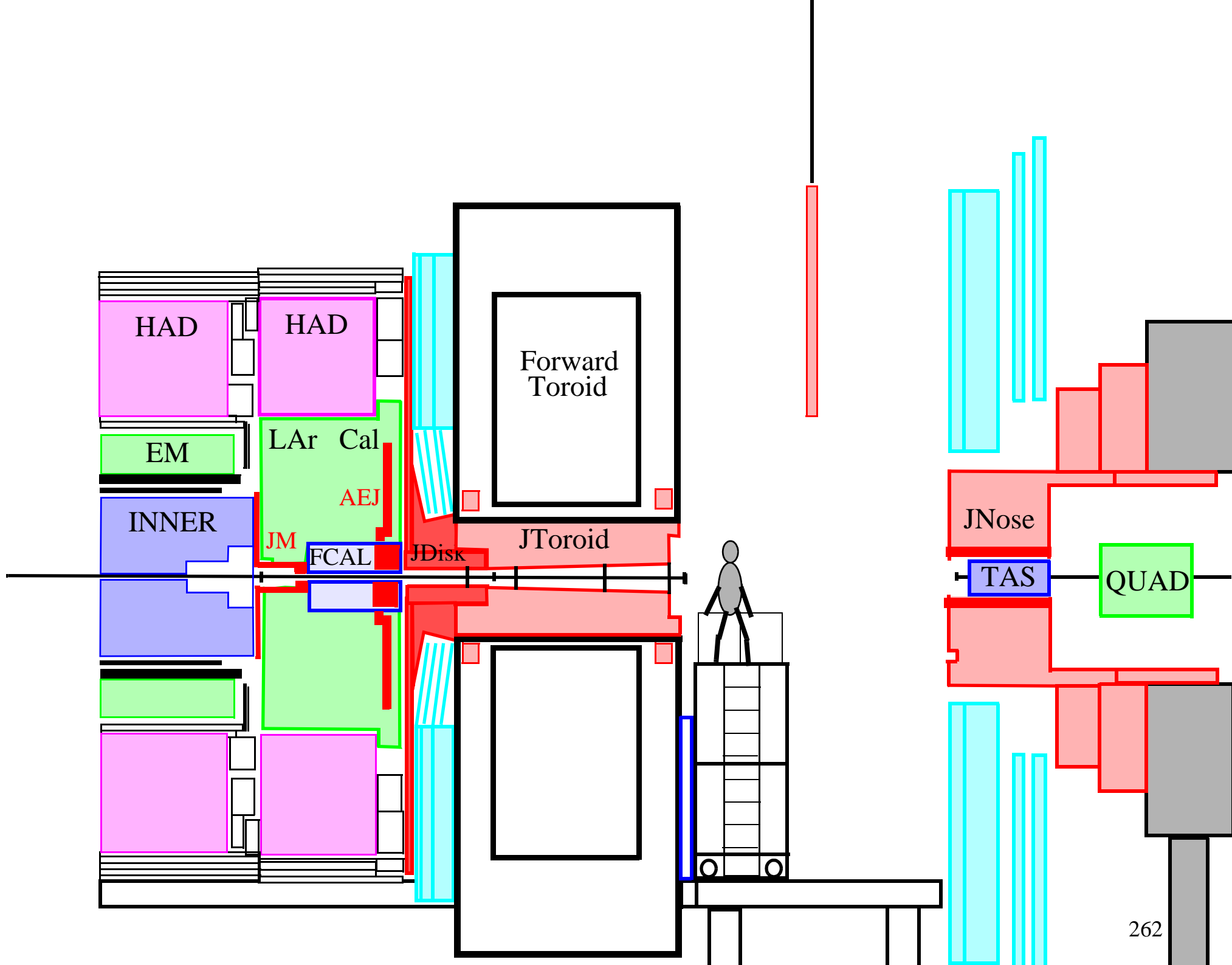


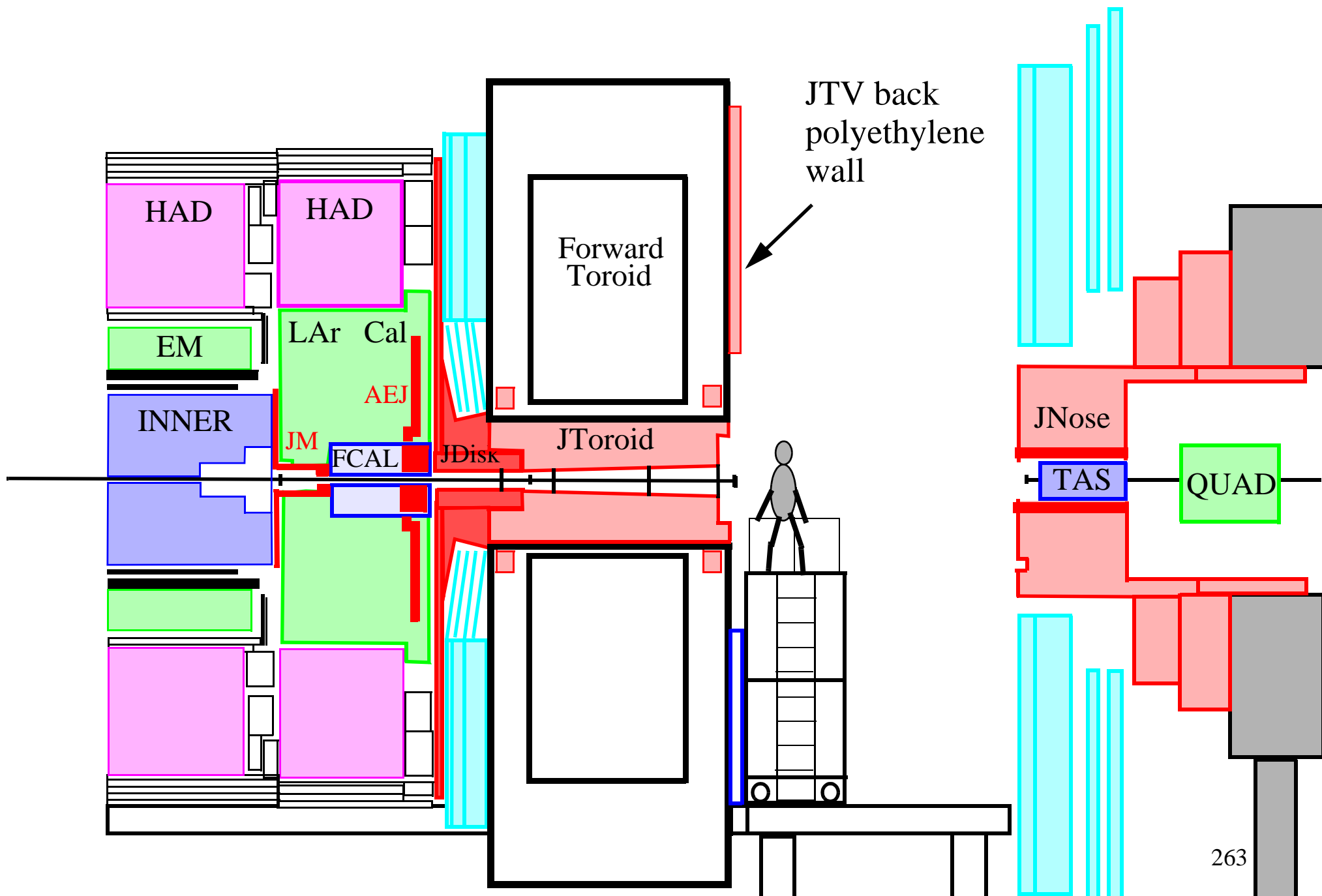
JF bridge guidance rails are attached

JF bridge guidance rails are attached to the rails above the toroid.









HAD

HAD

EM

LAr Cal

INNER

AEJ

JM

FCAL

JDisk

Forward
Toroid

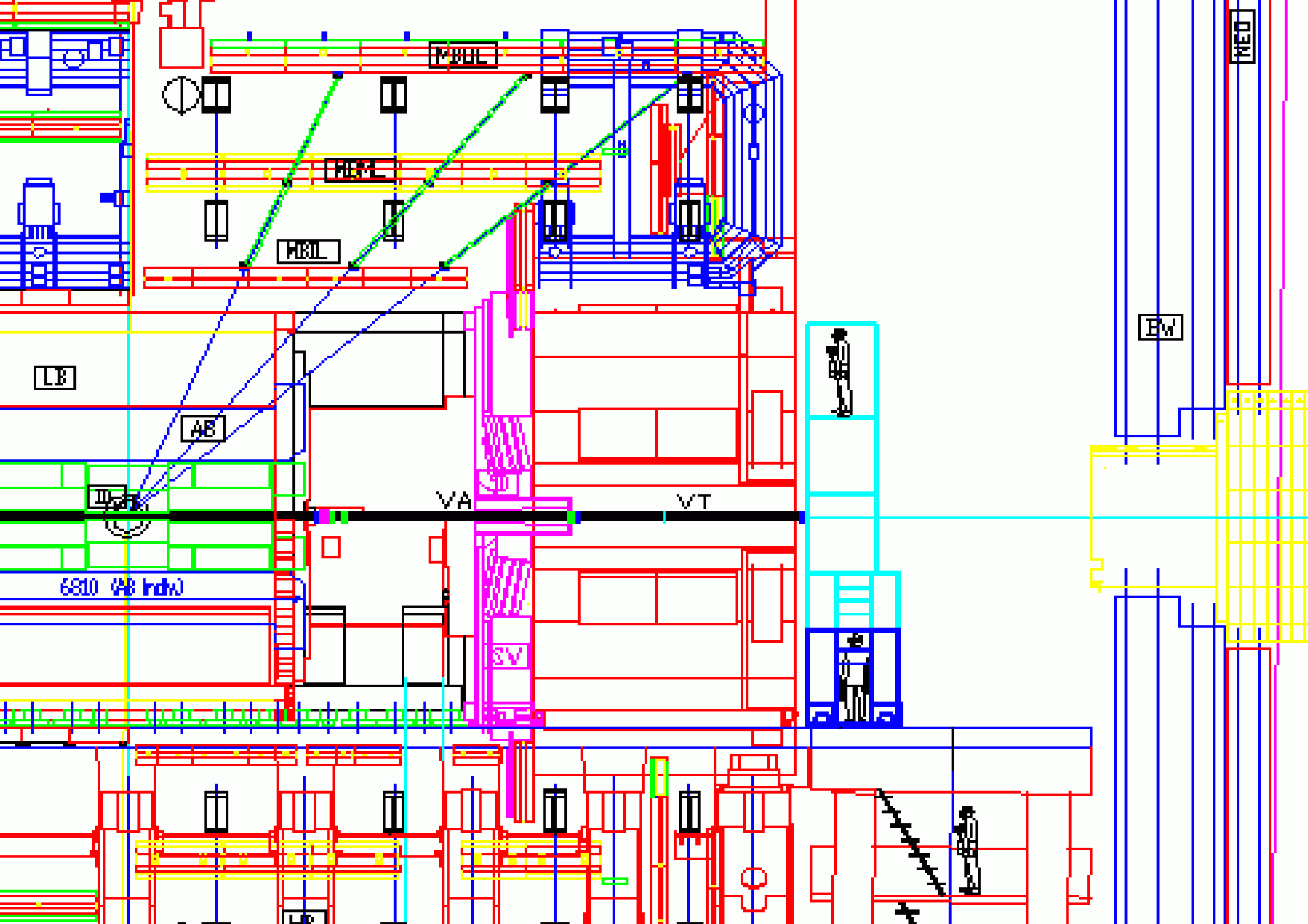
JToroid

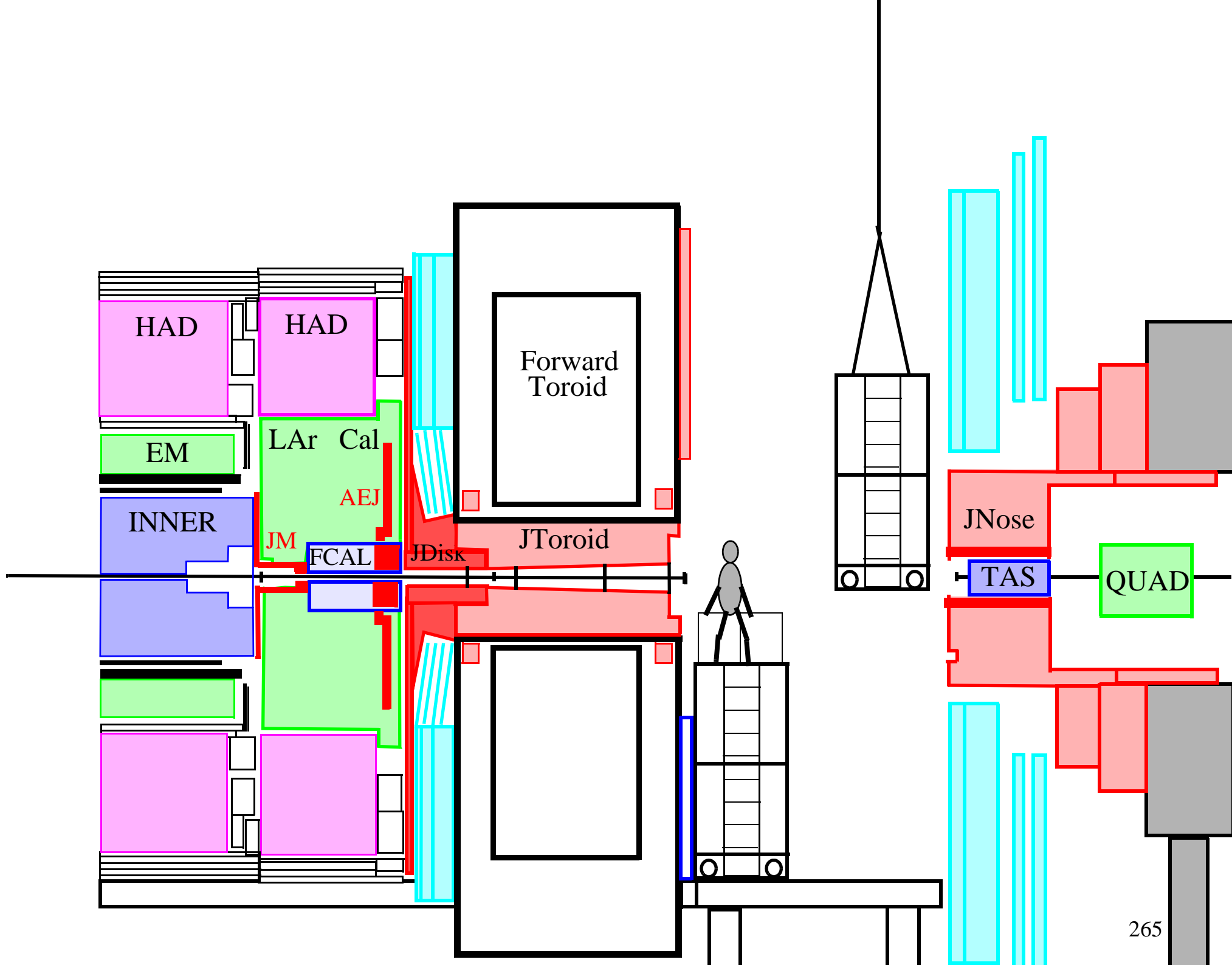
JTV back
polyethylene
wall

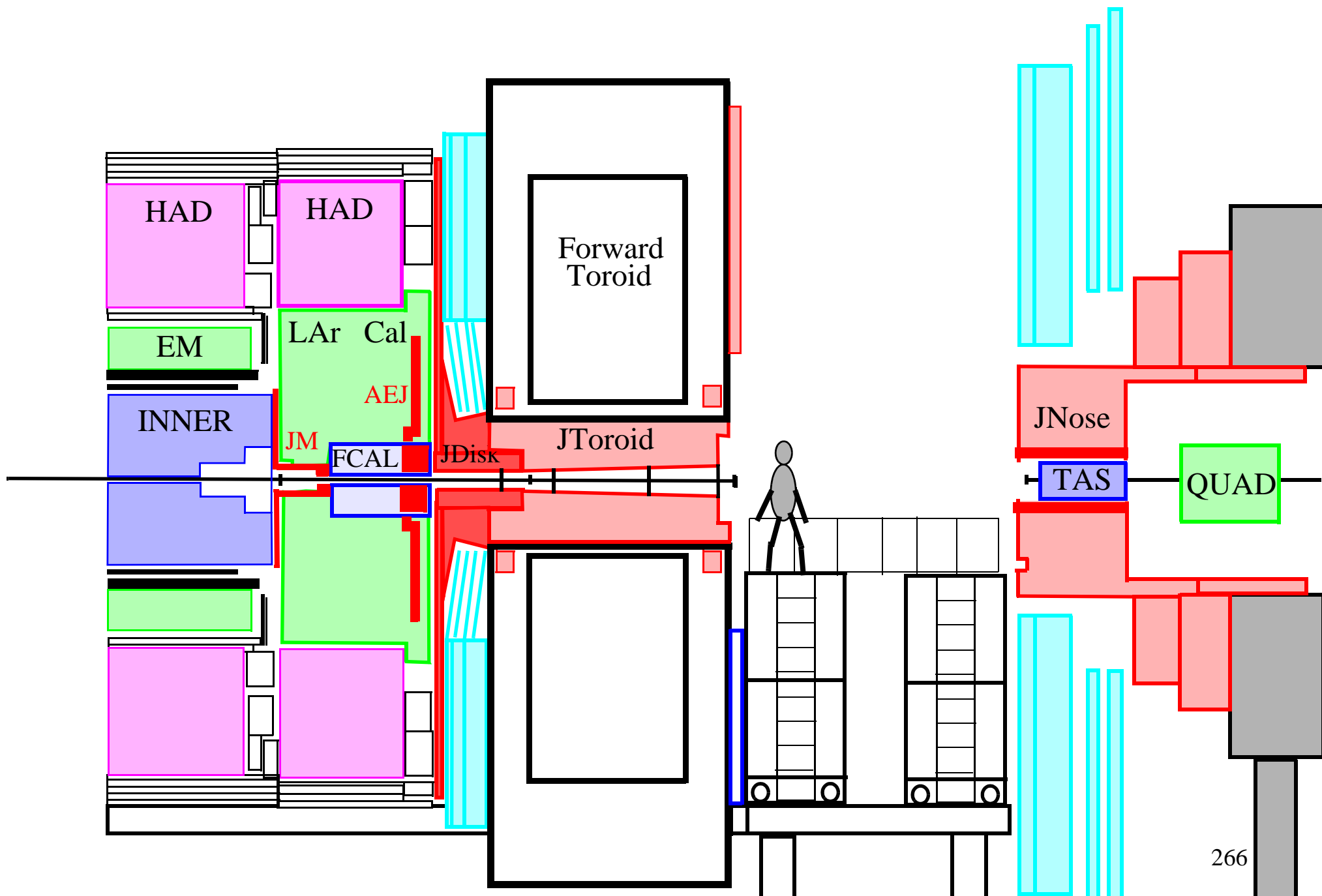
JNose

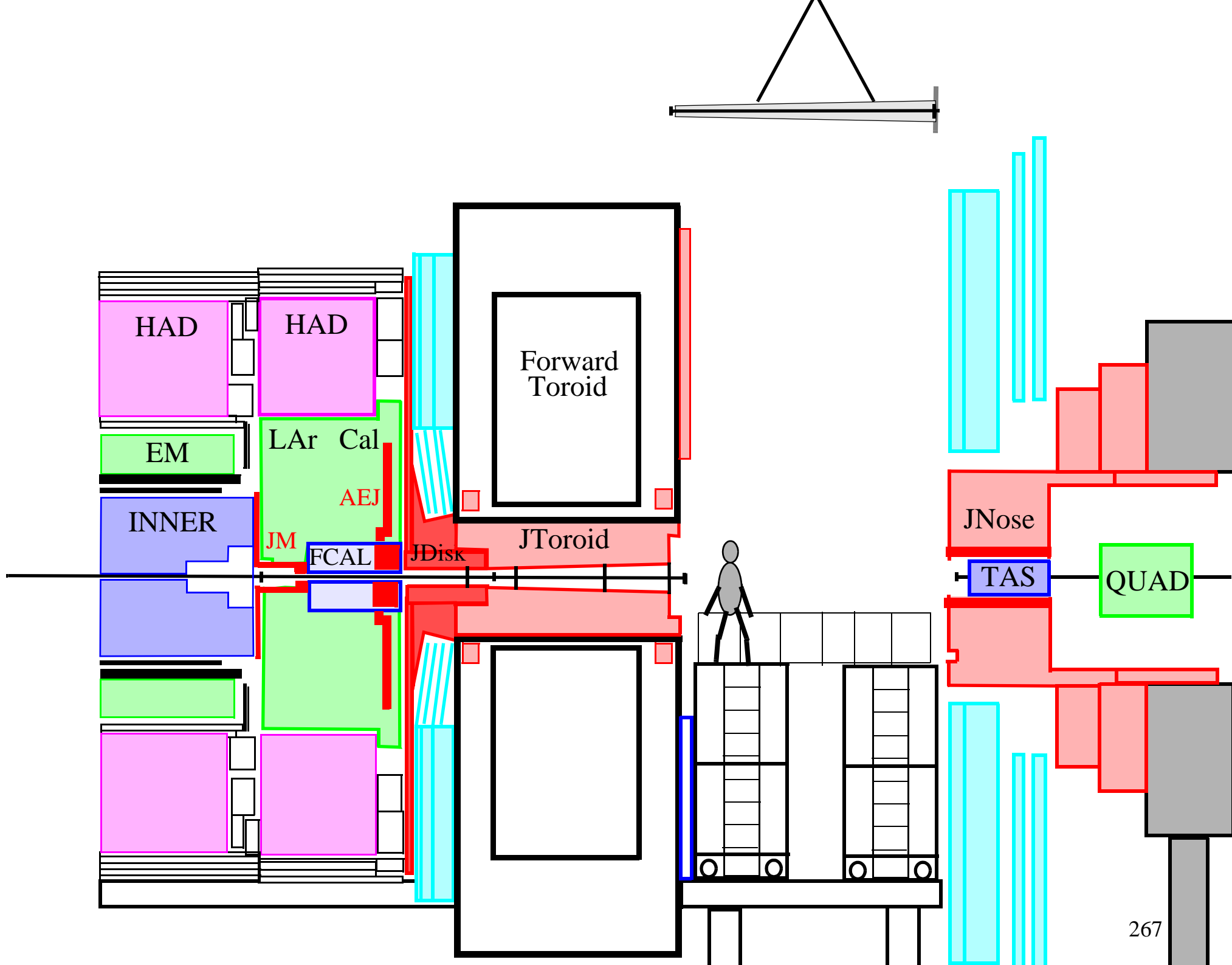
TAS

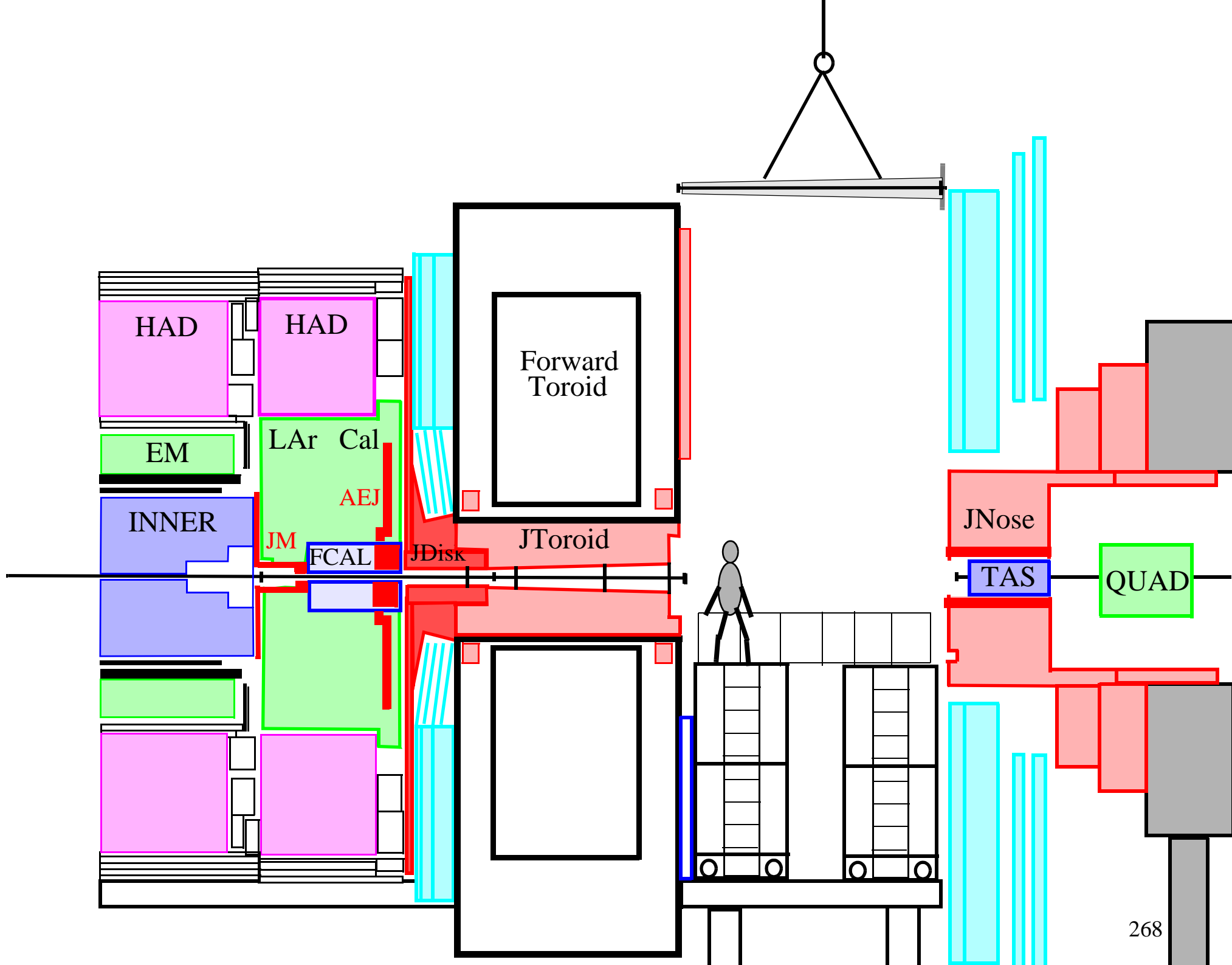
QUAD

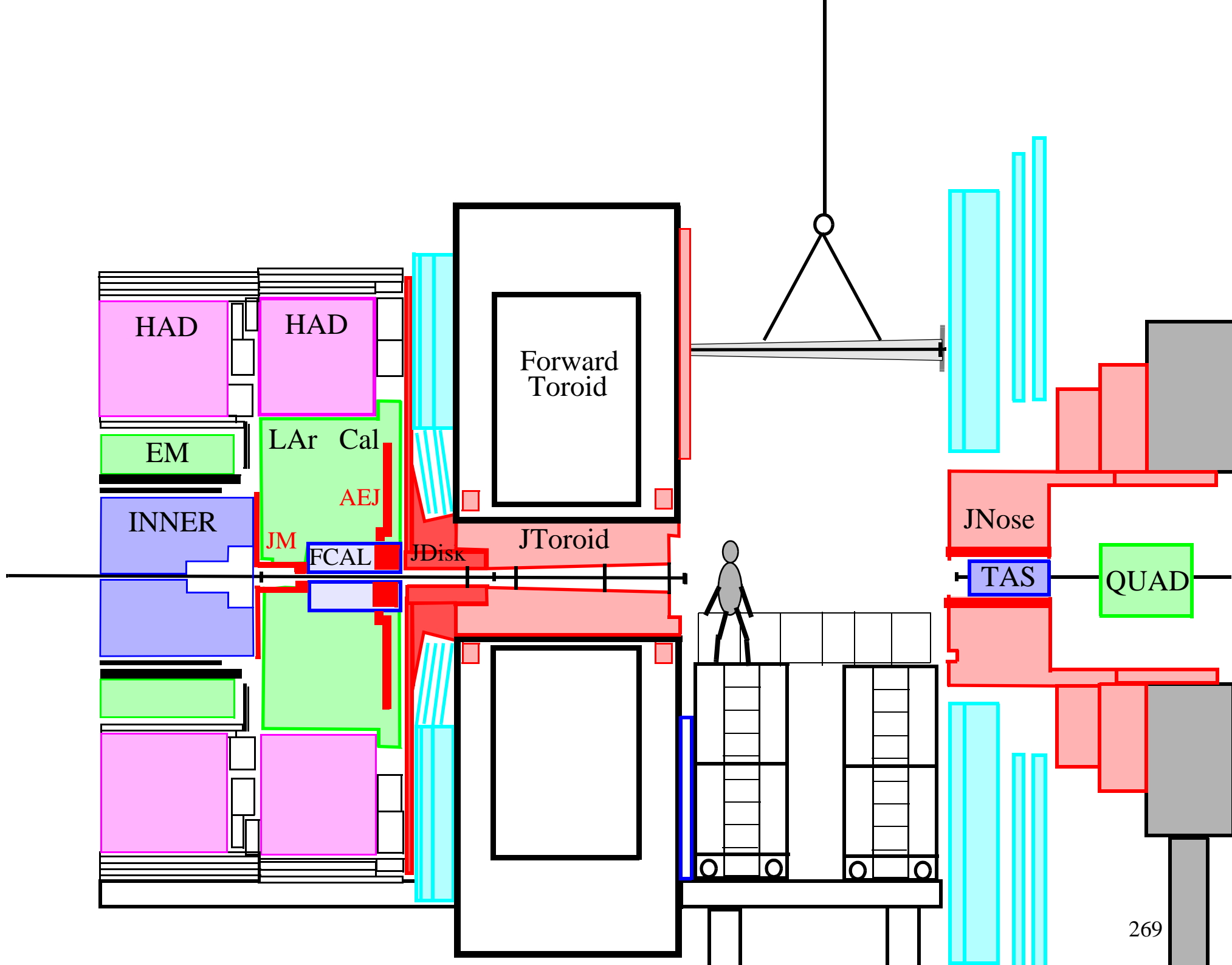


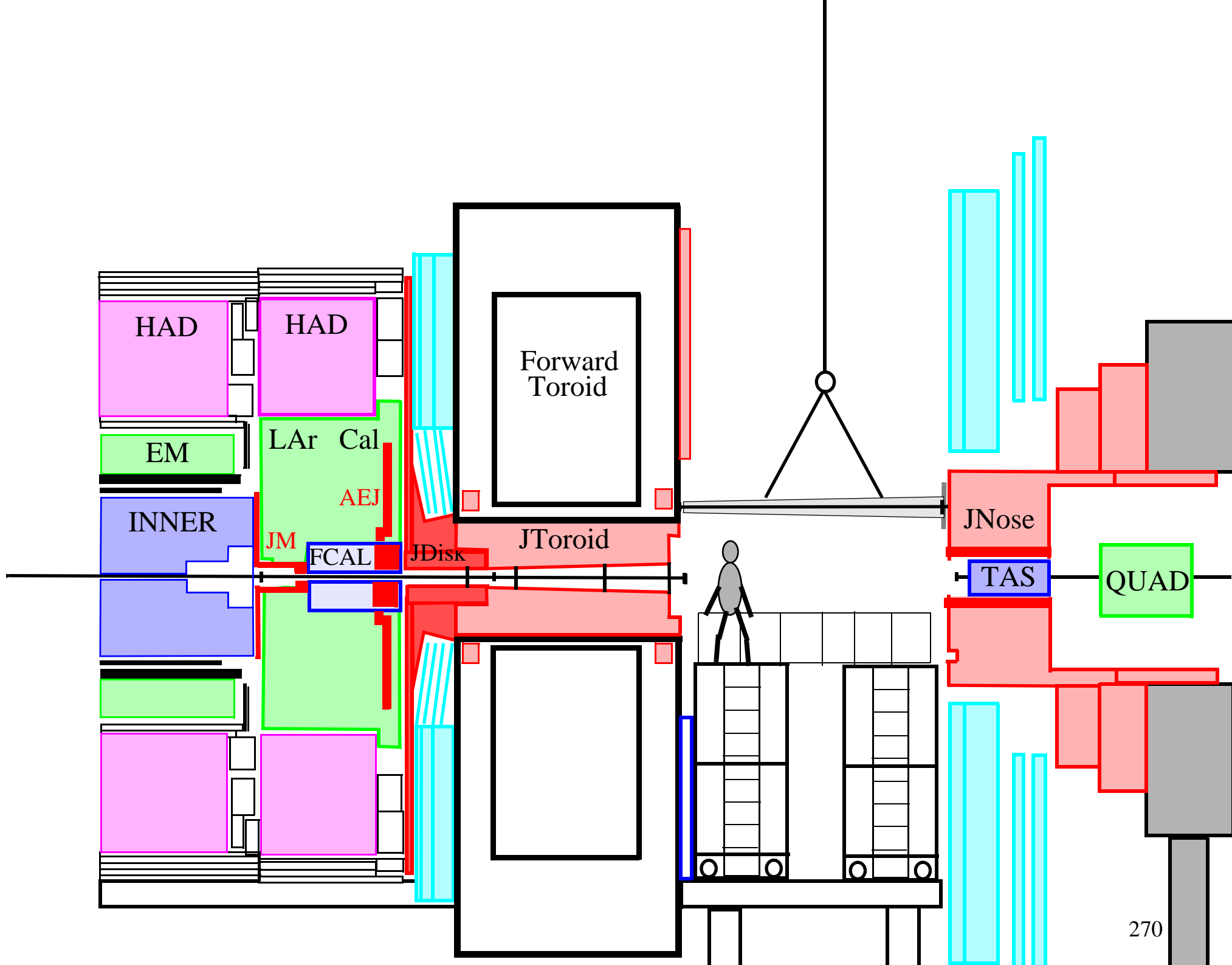


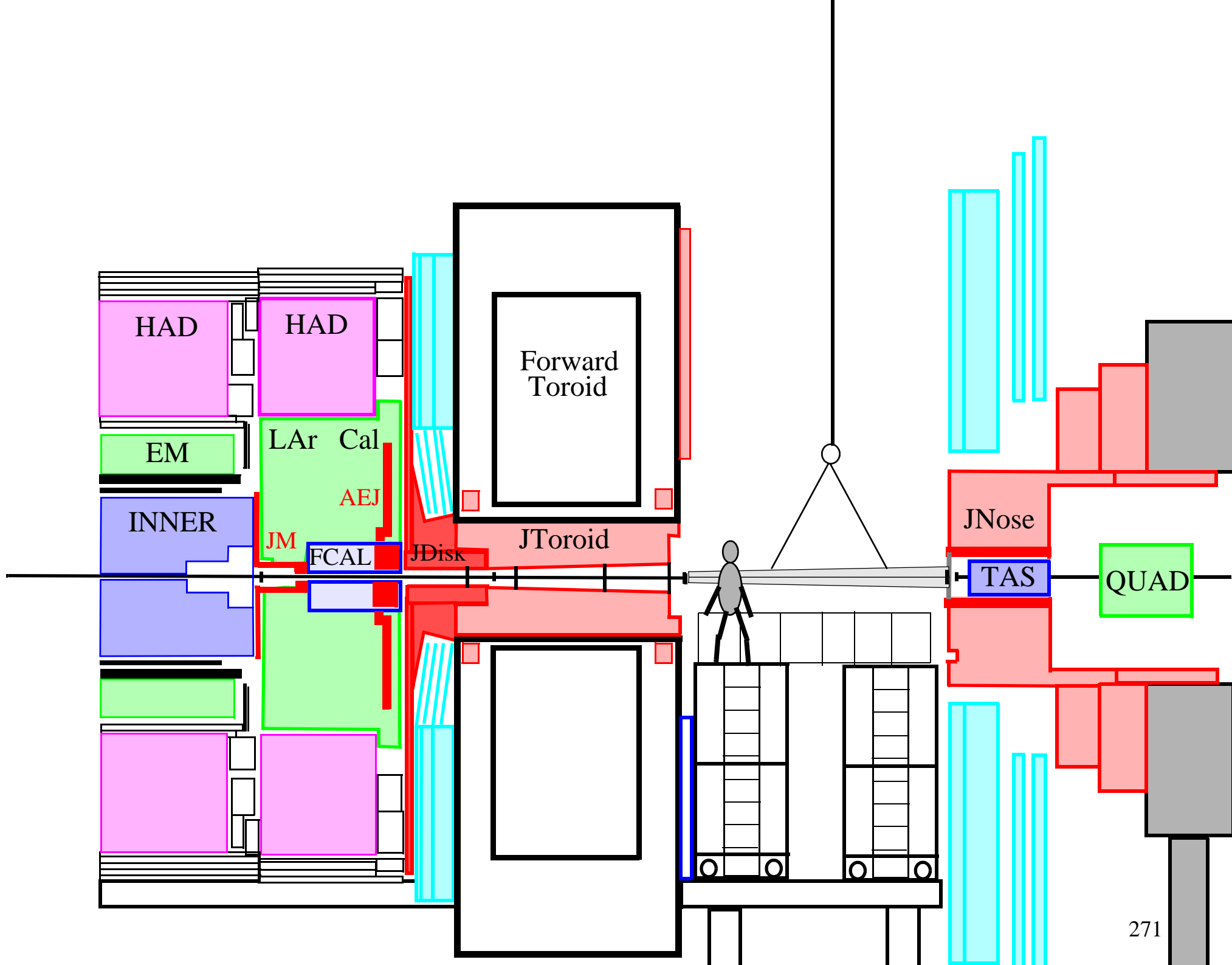


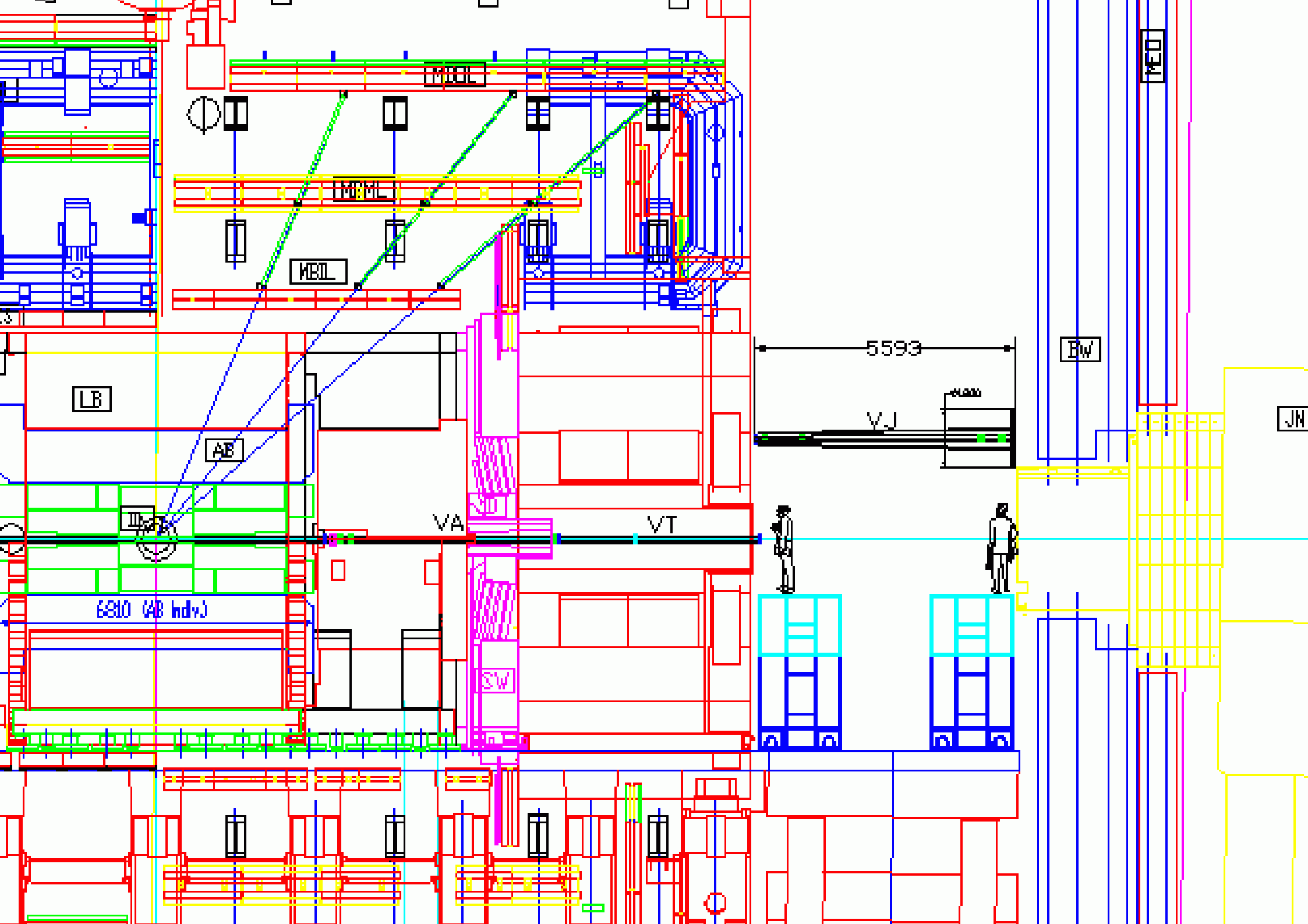


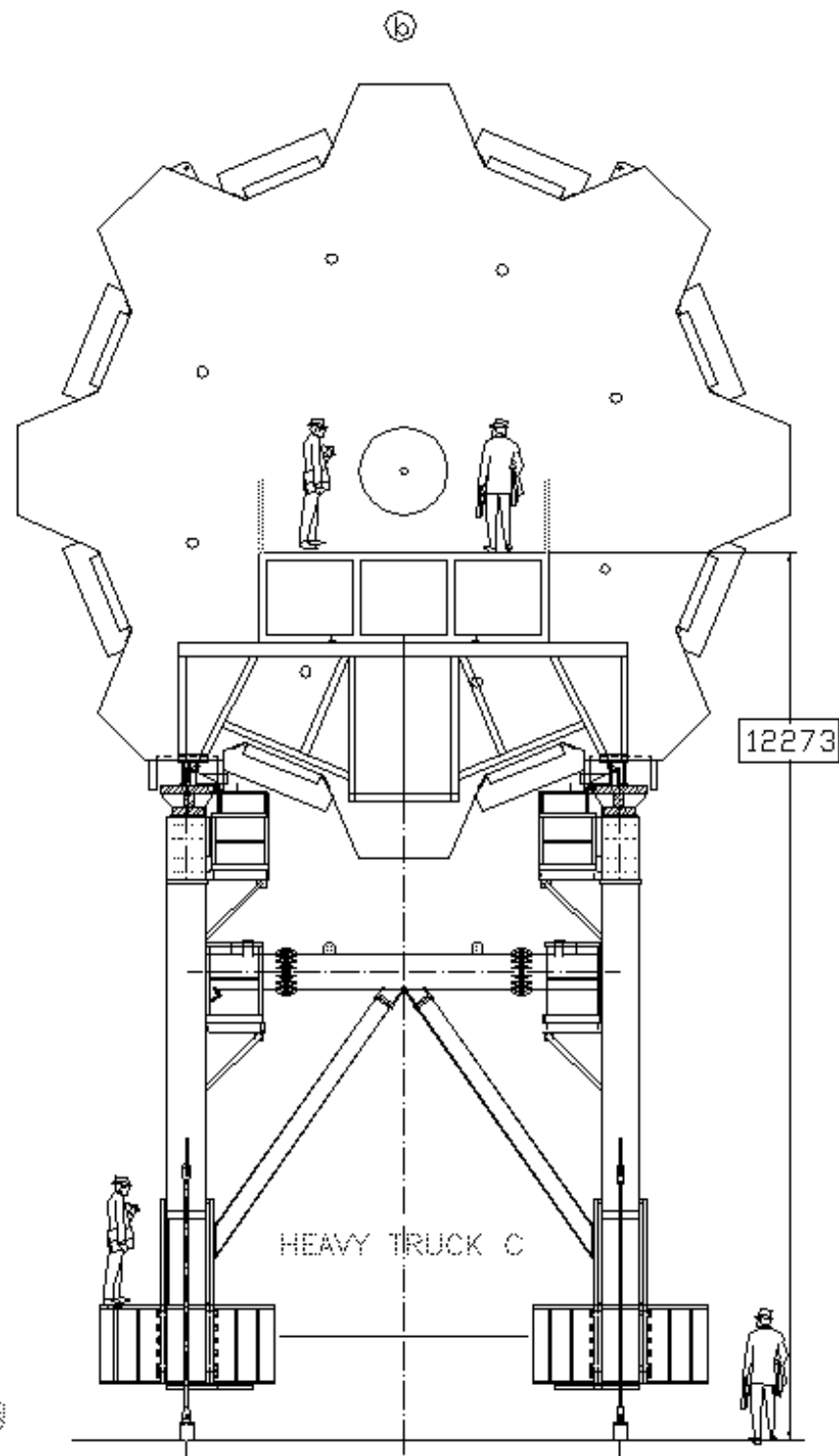


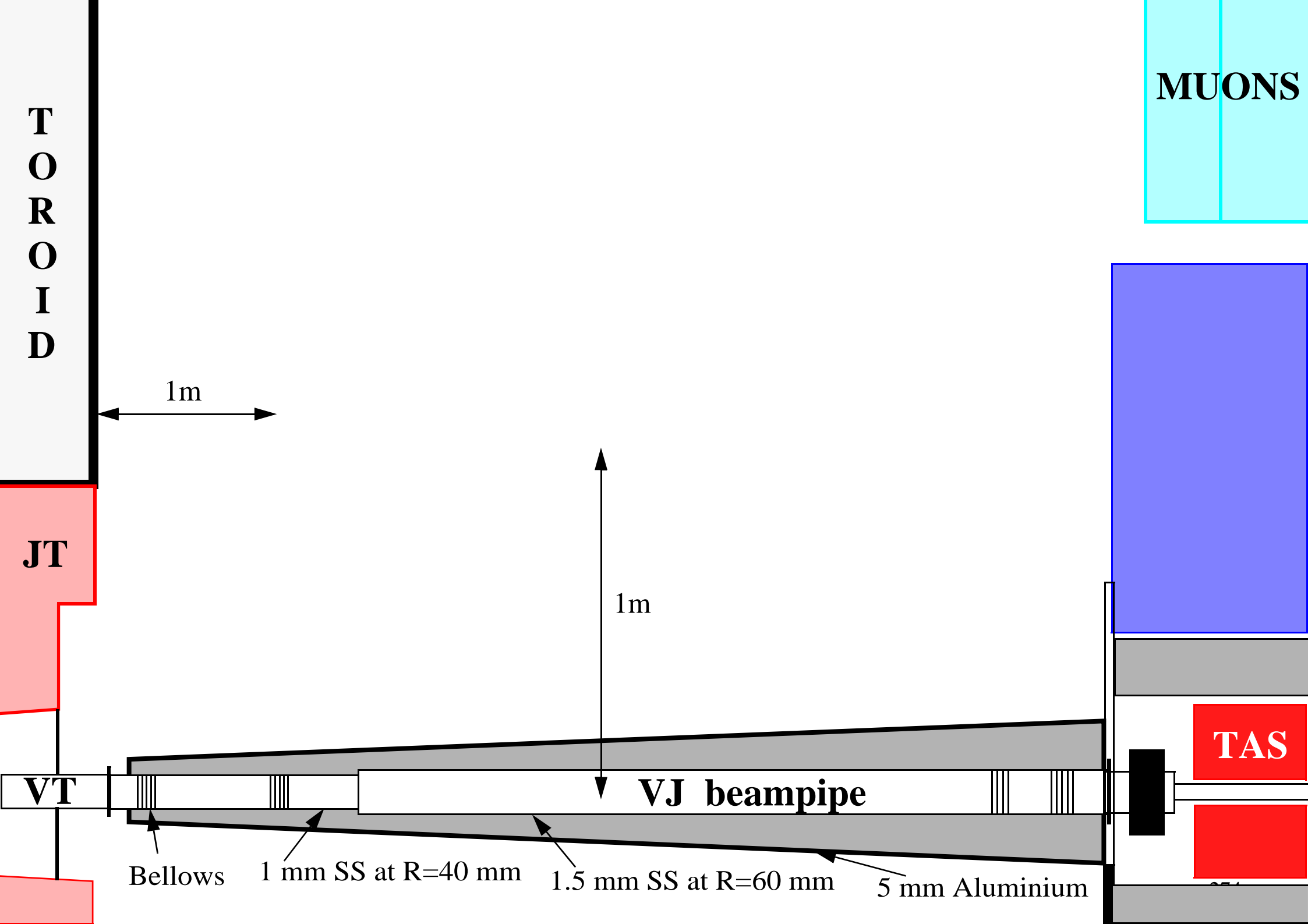


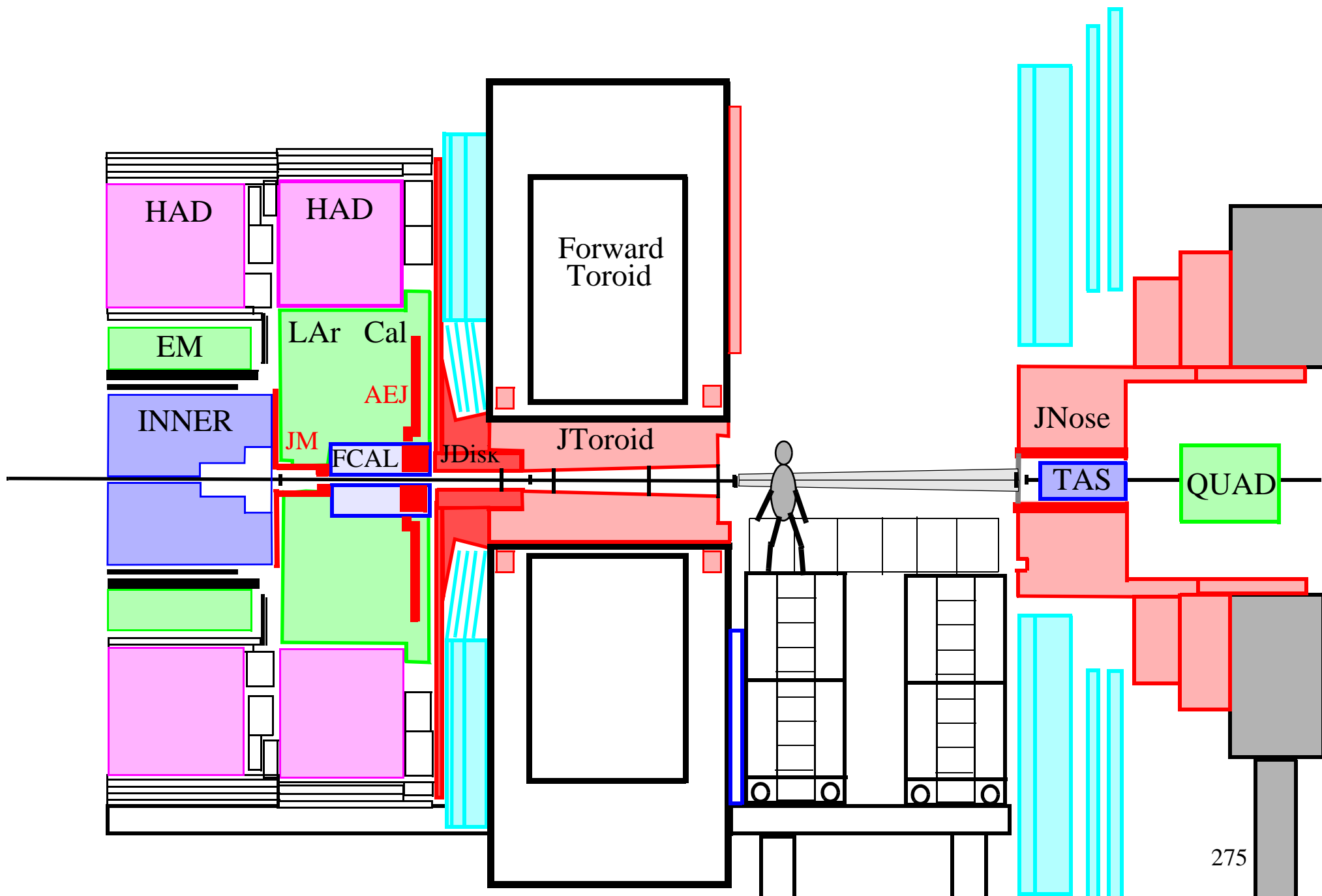


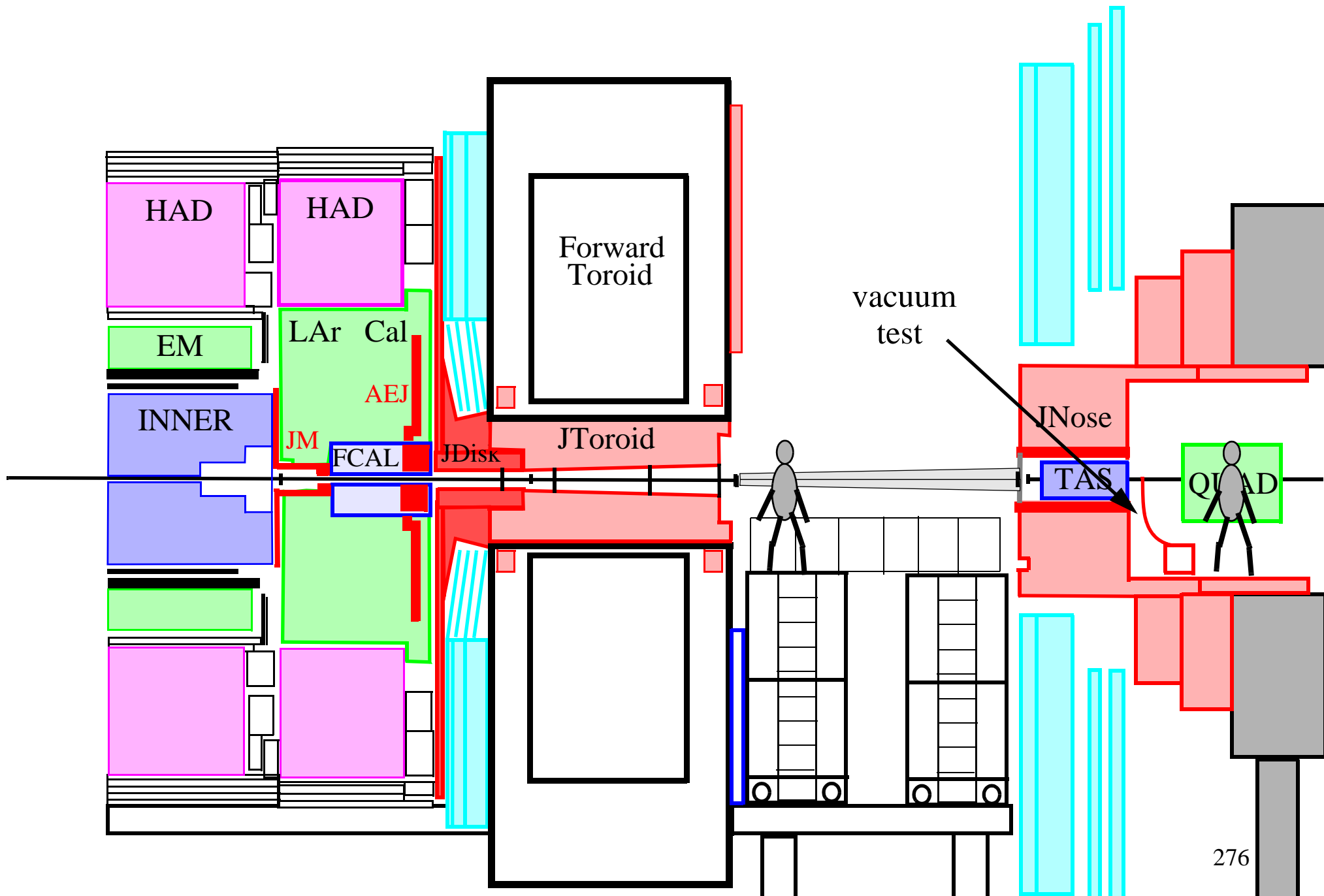


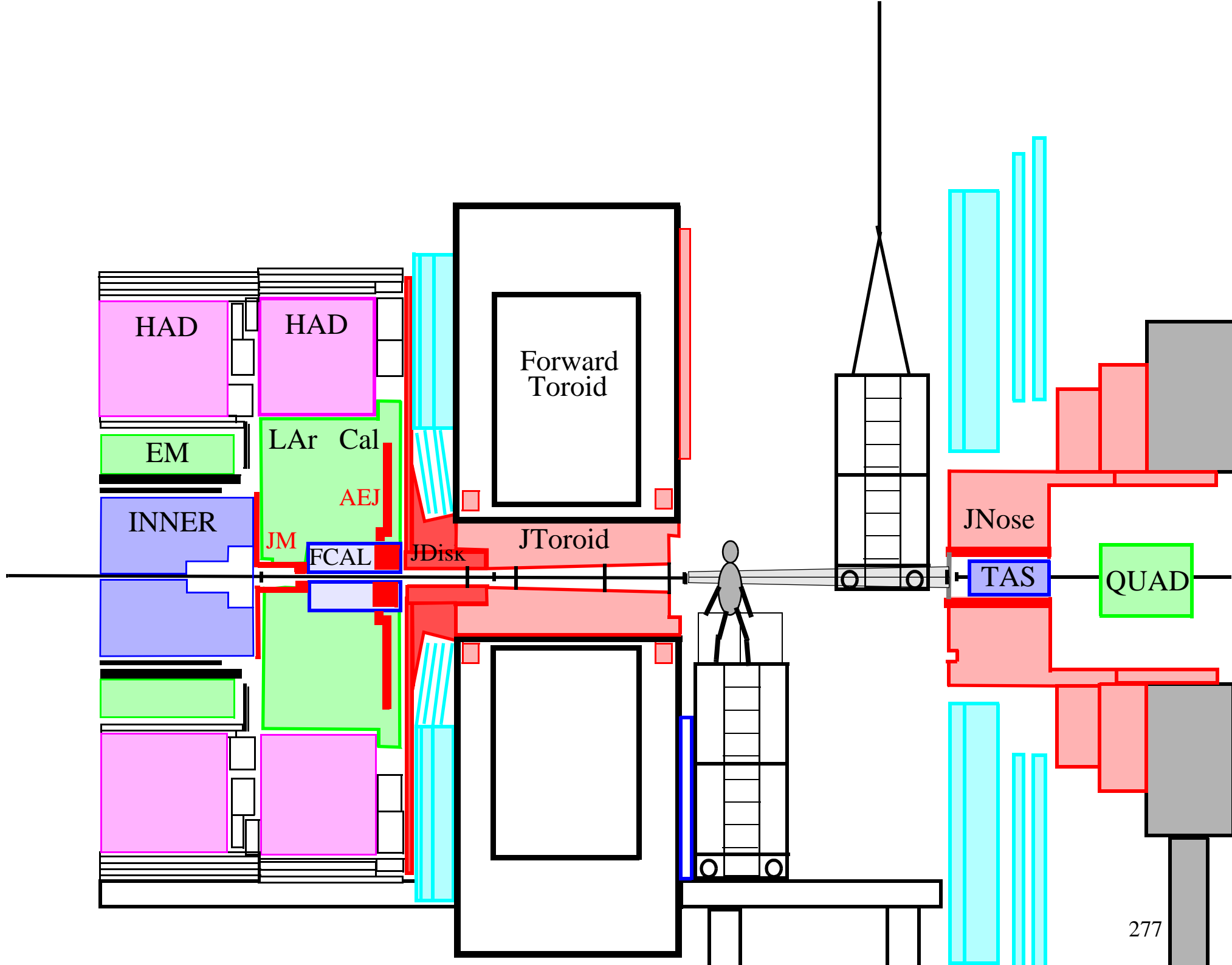


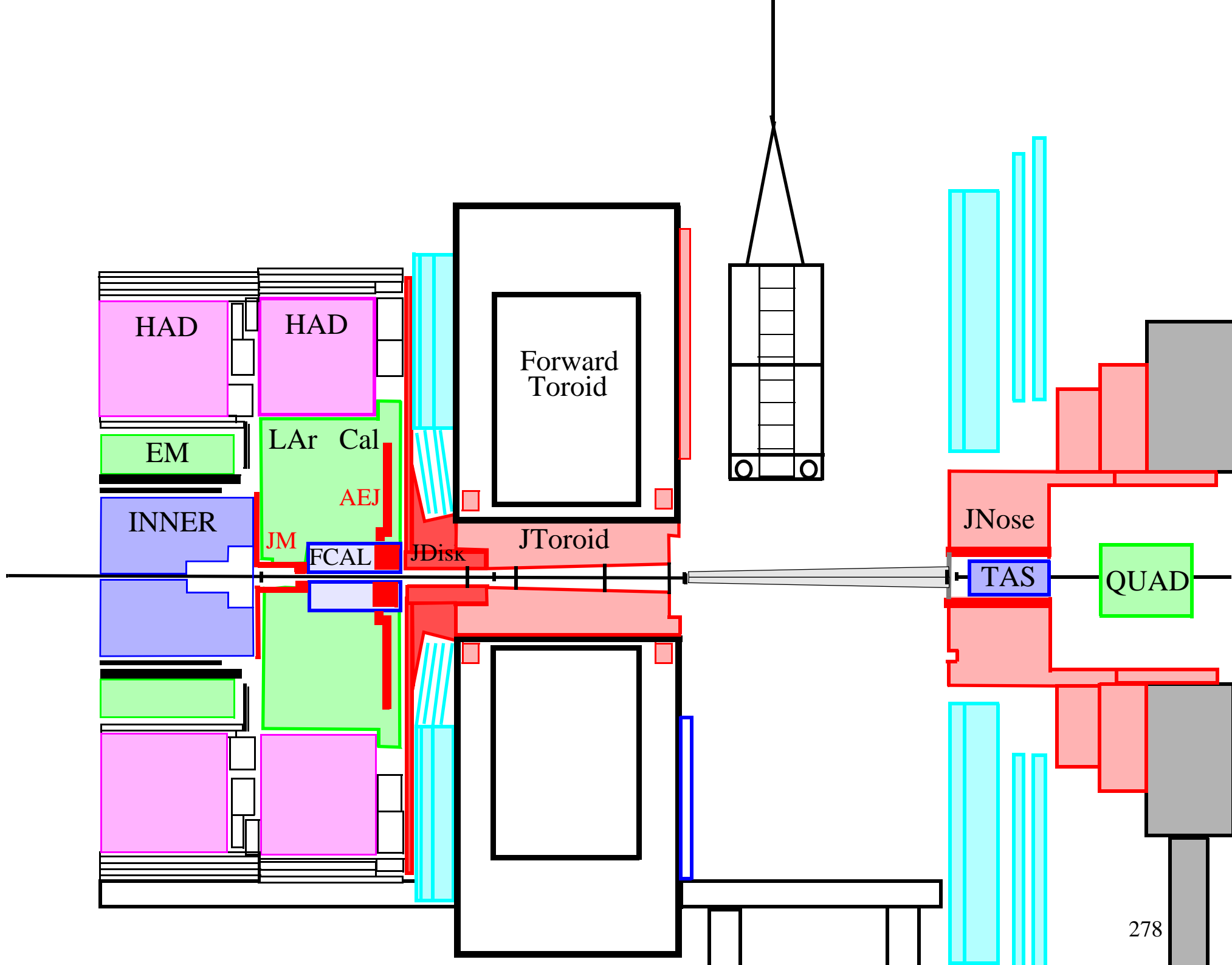


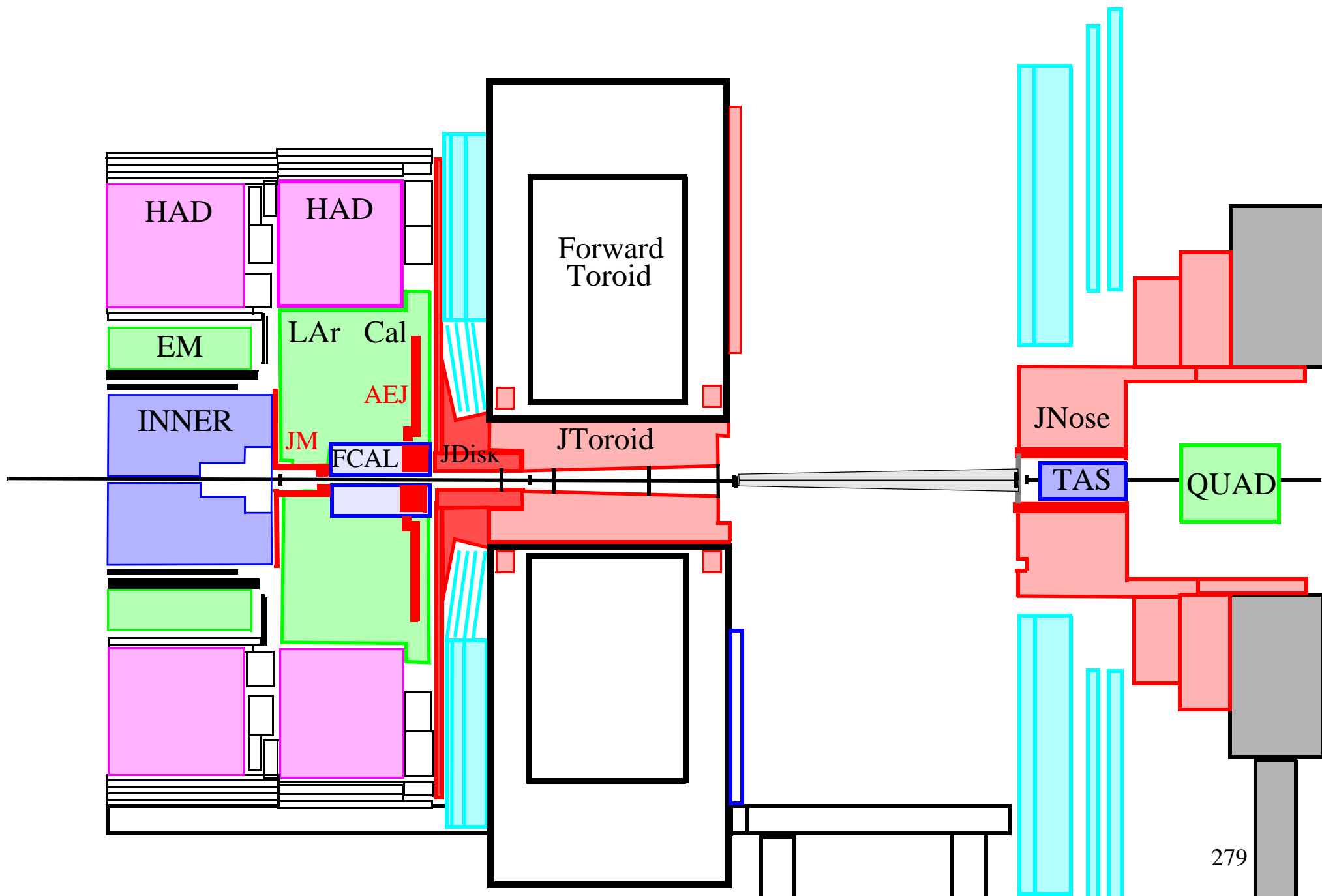


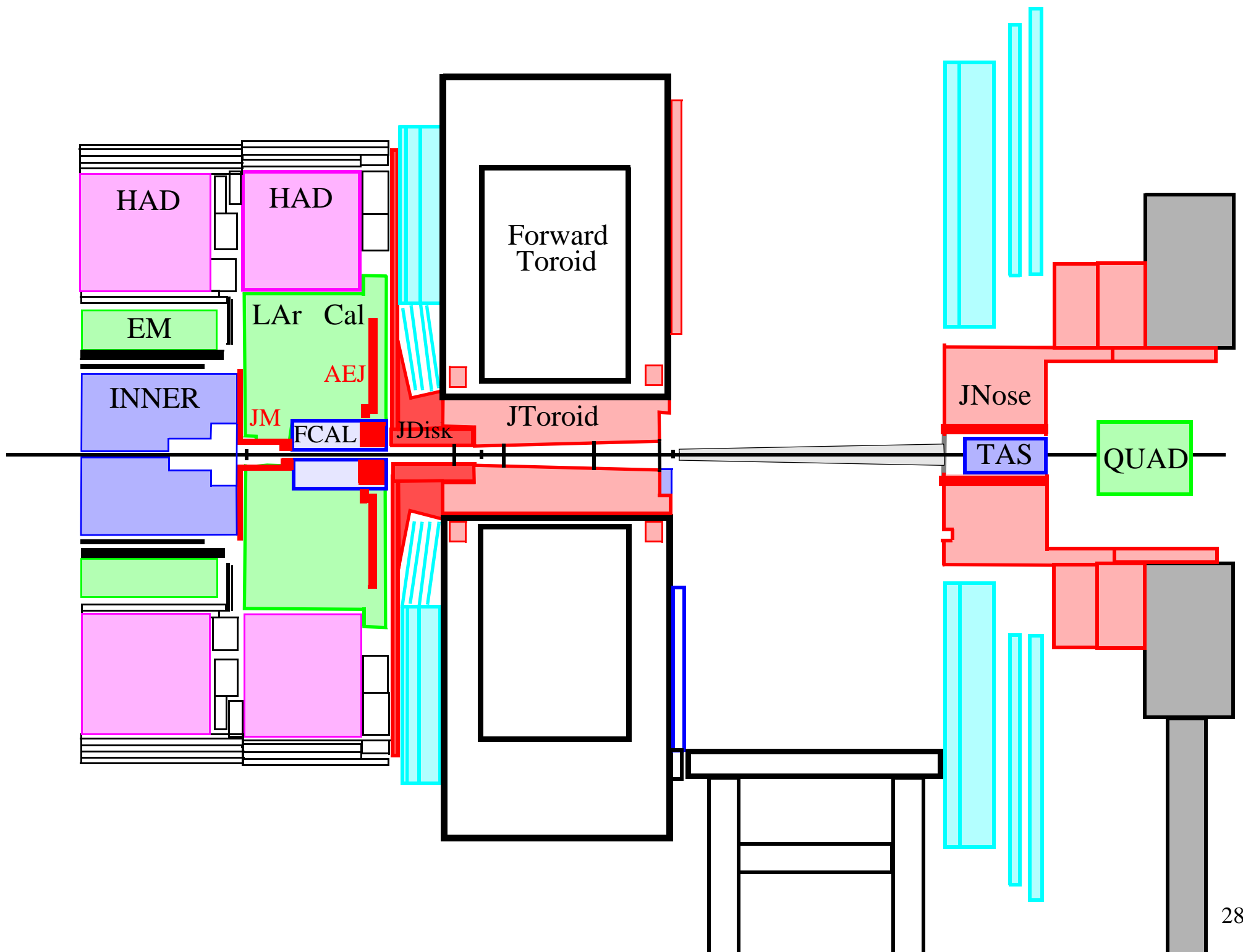


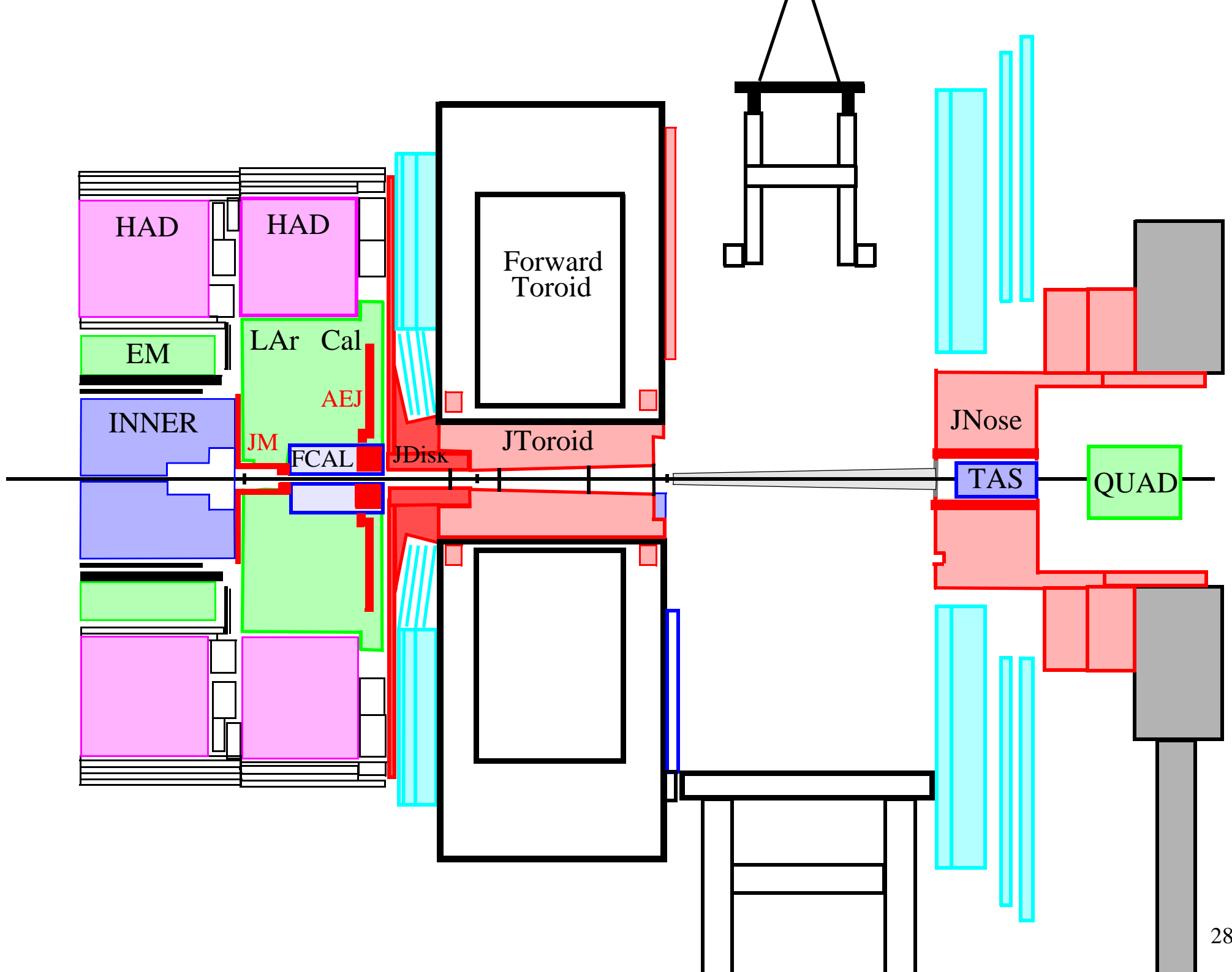


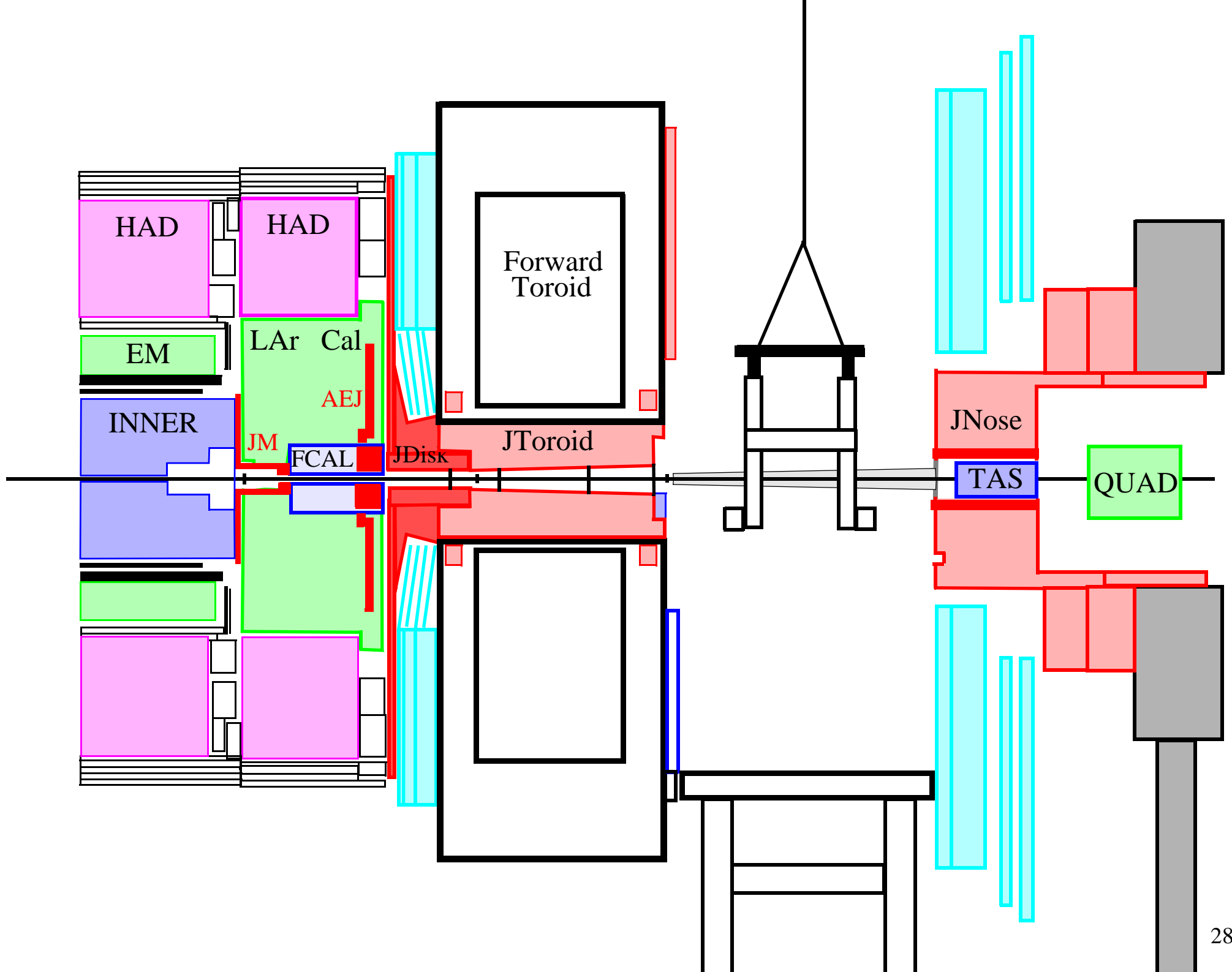


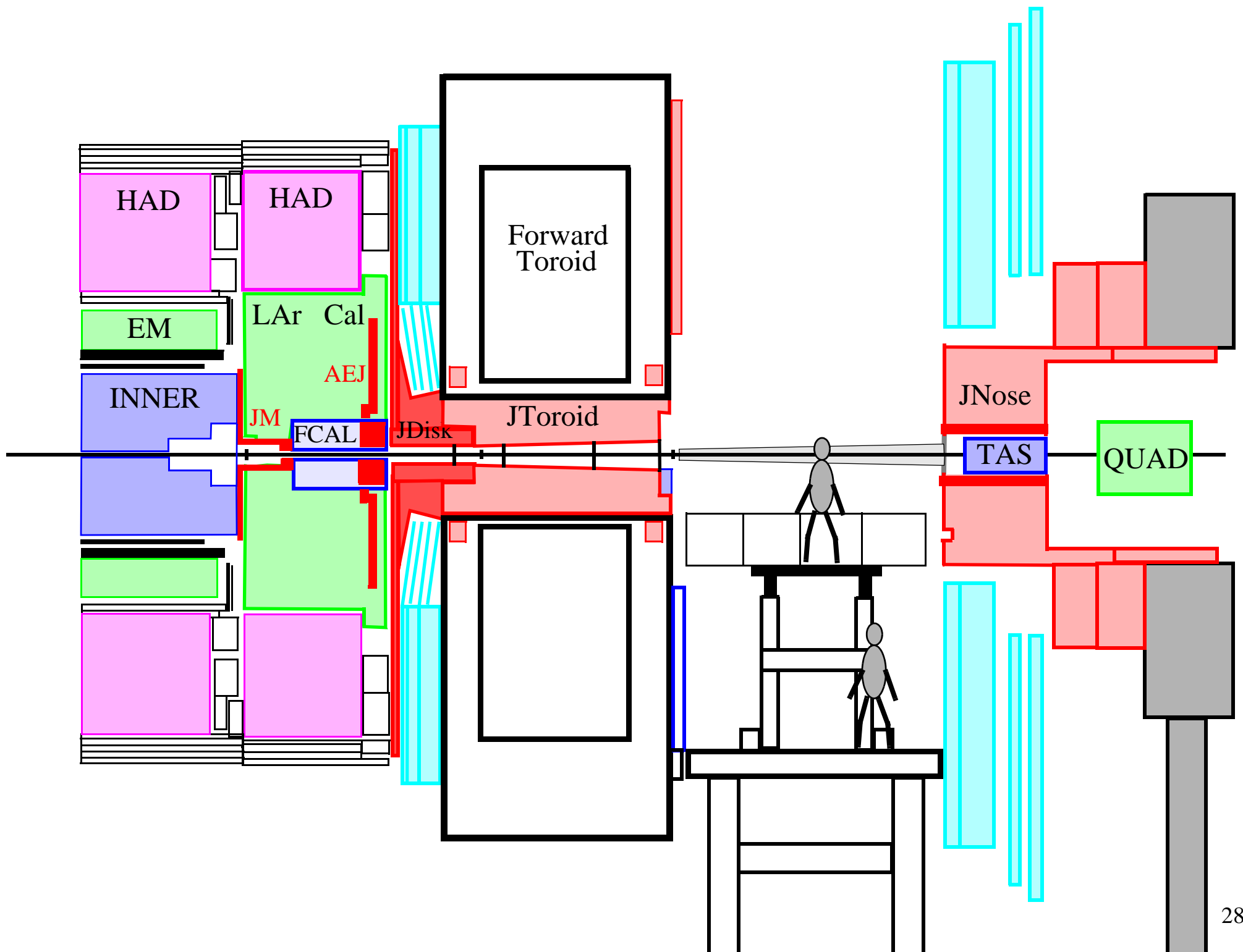




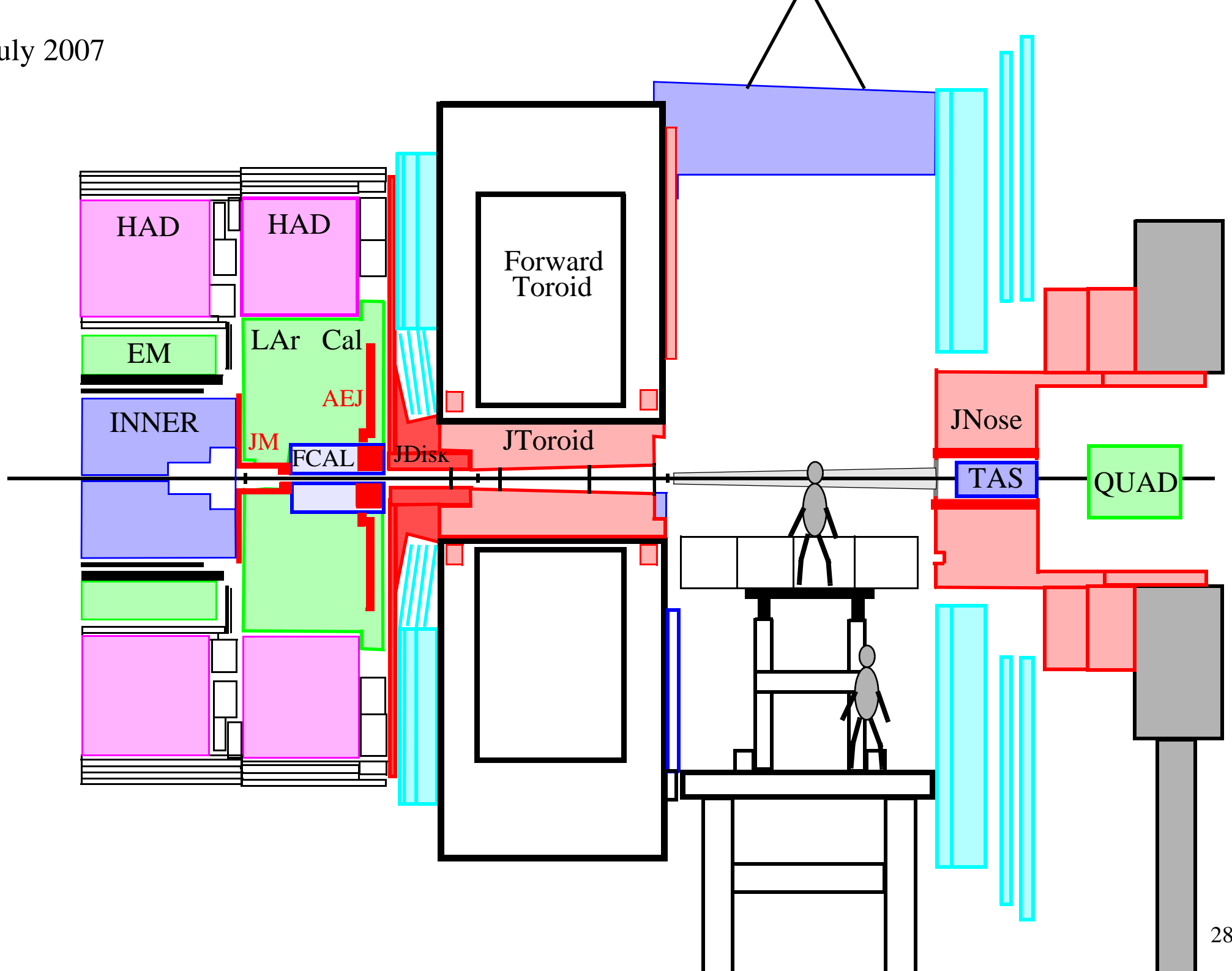


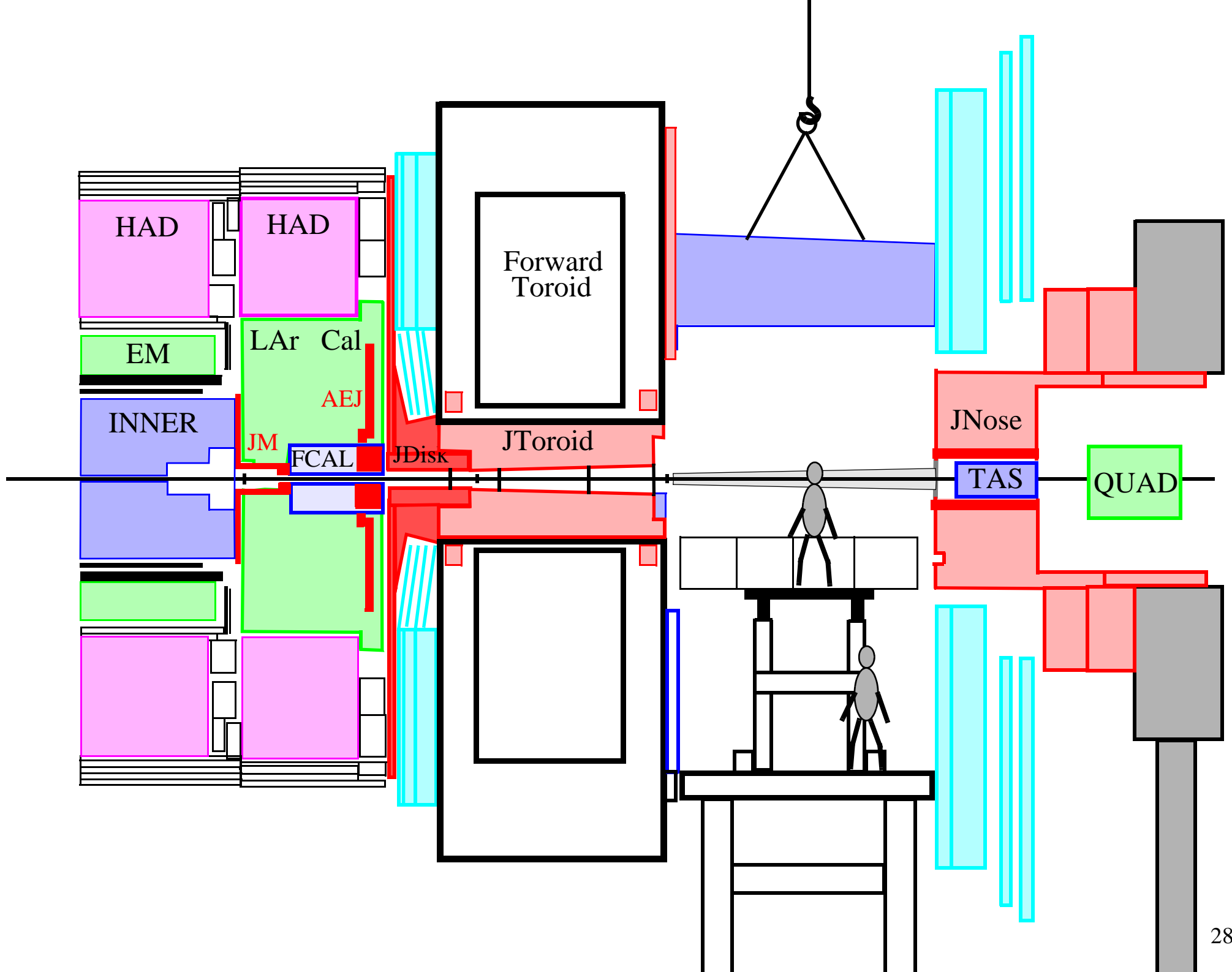


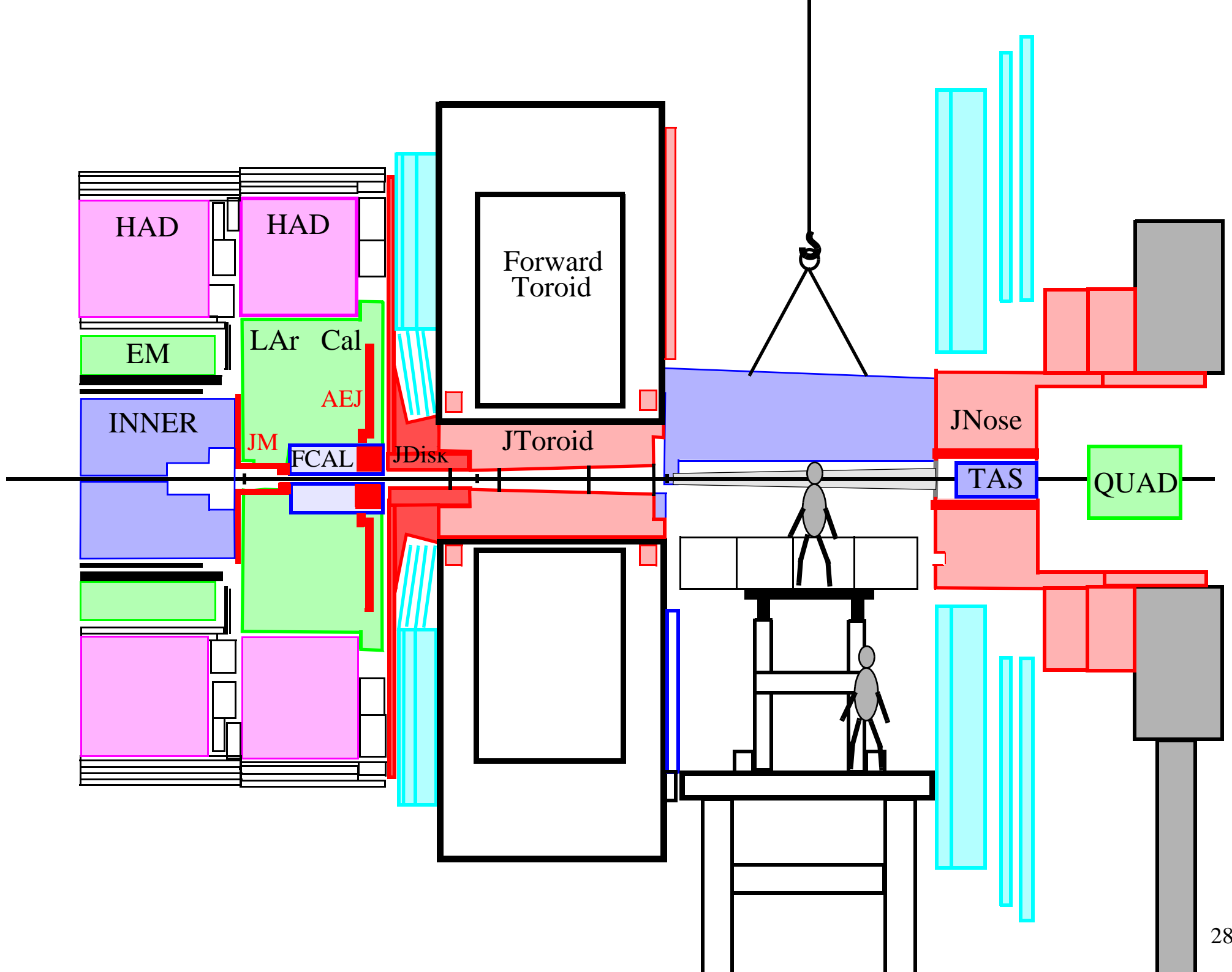


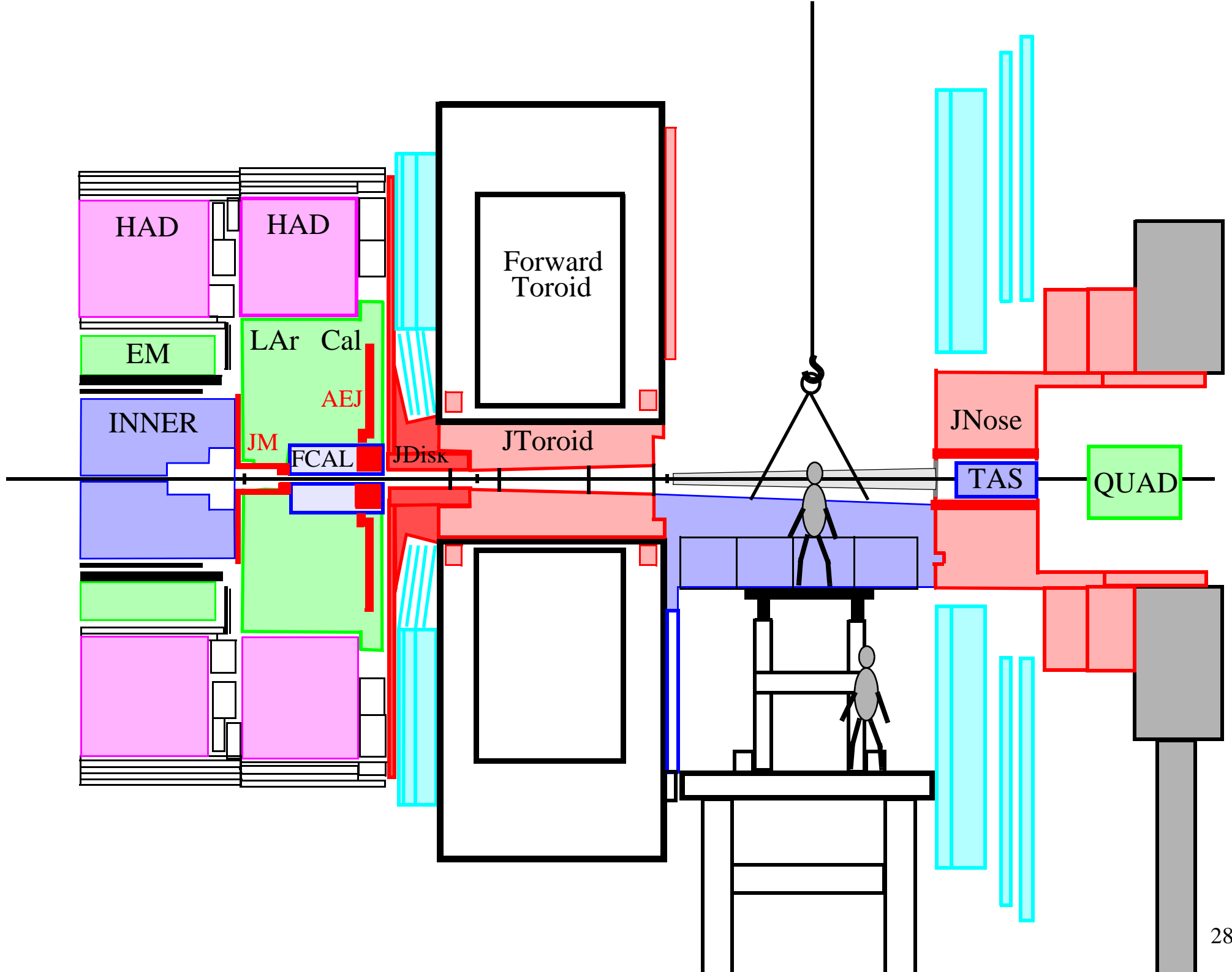


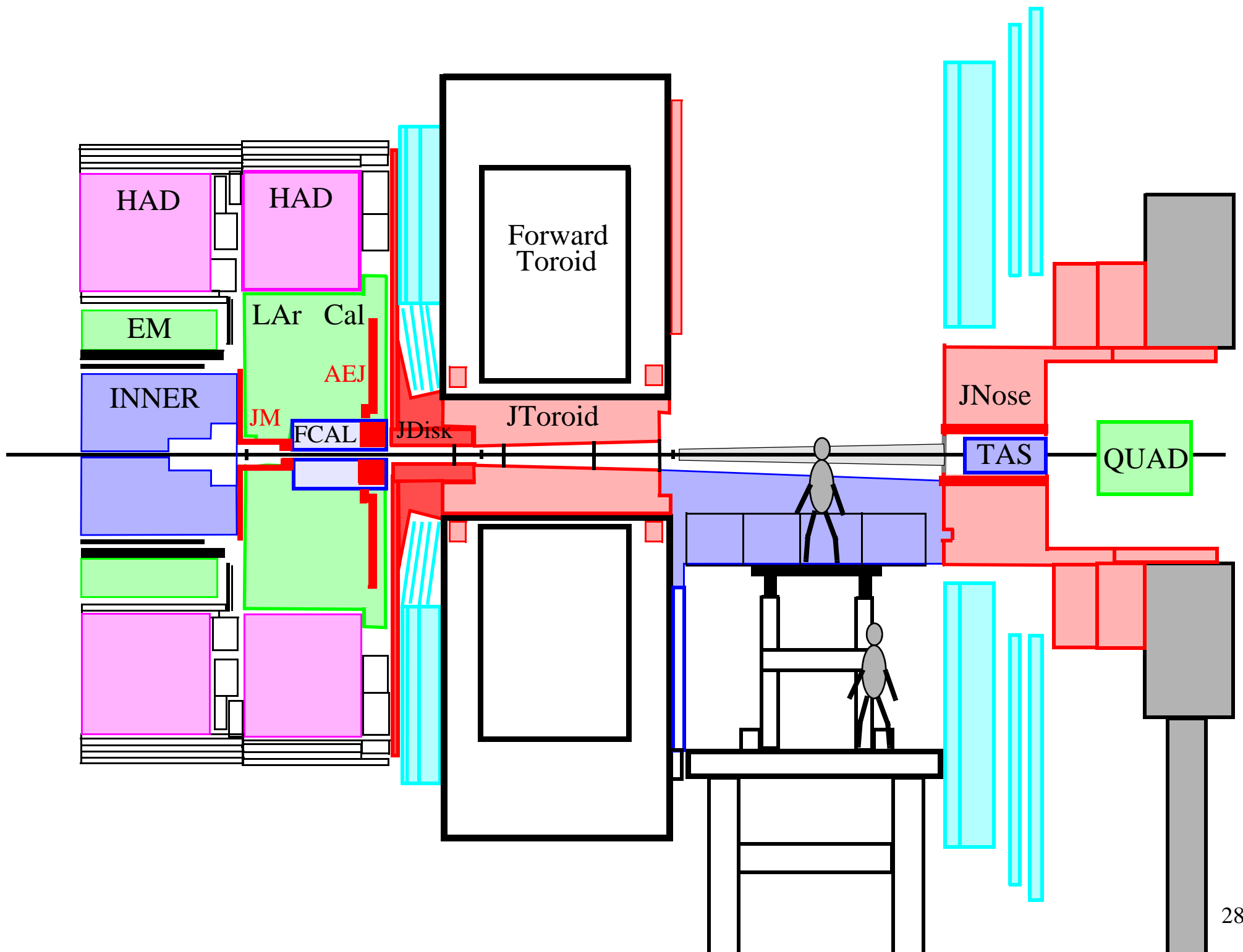
July 2007

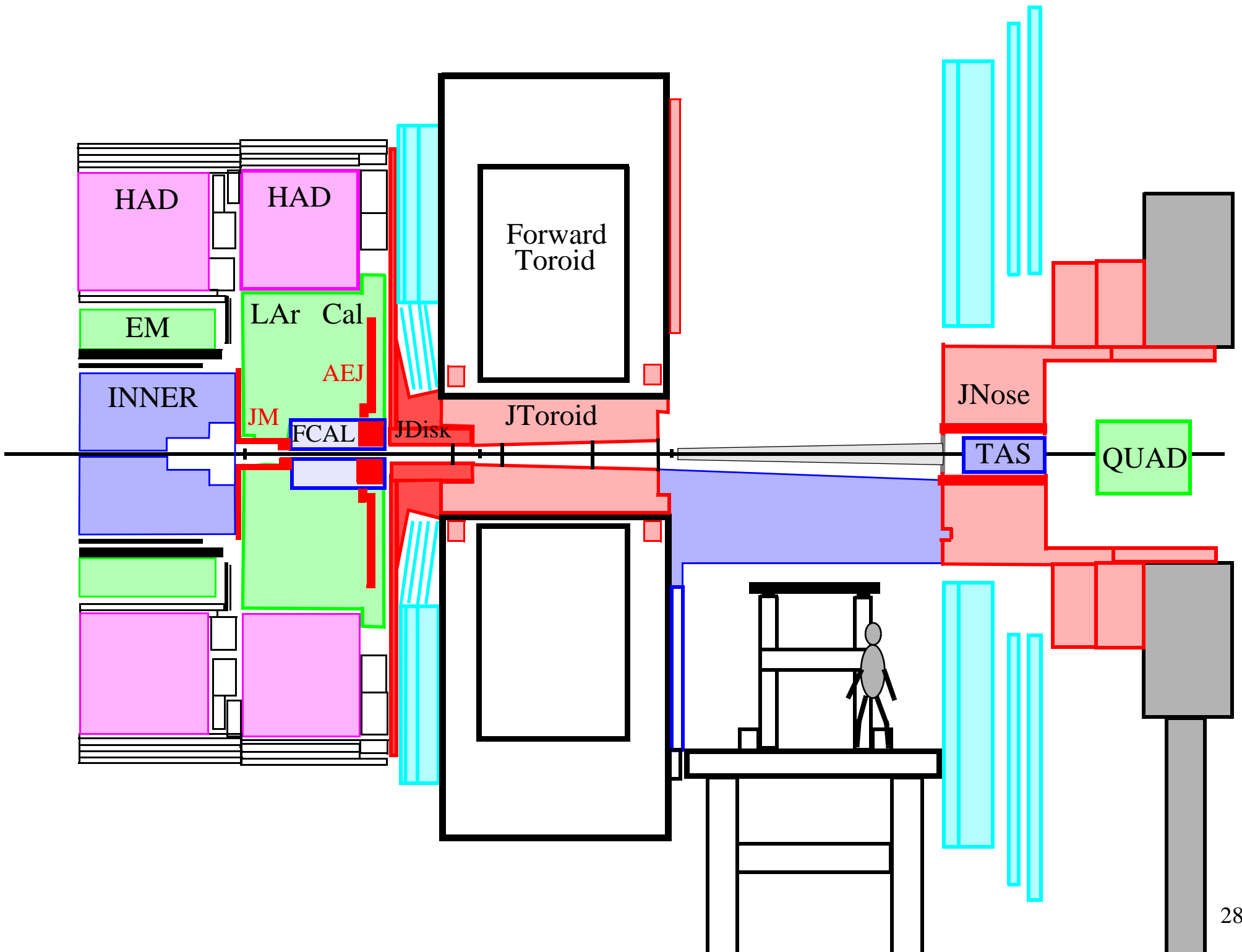


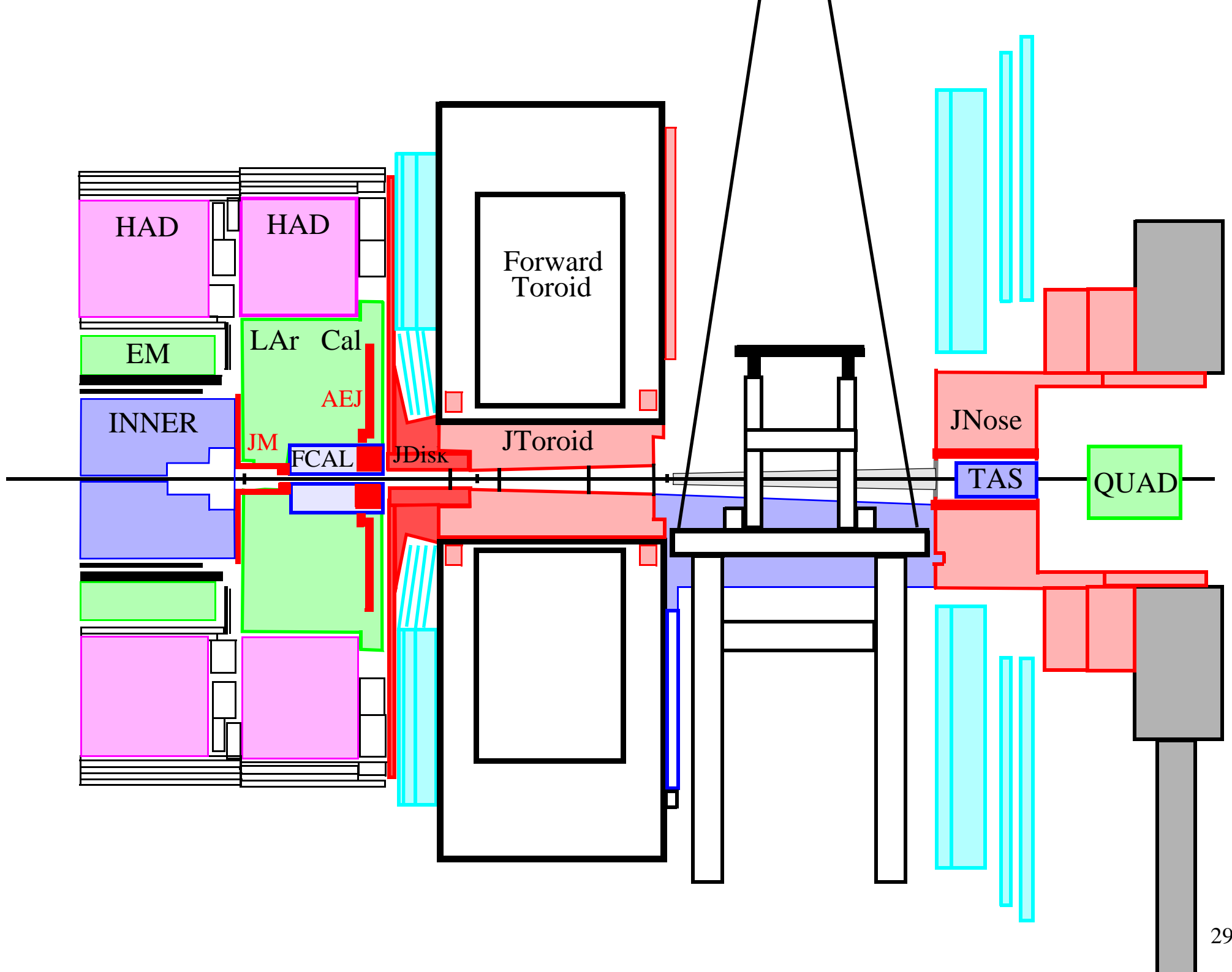


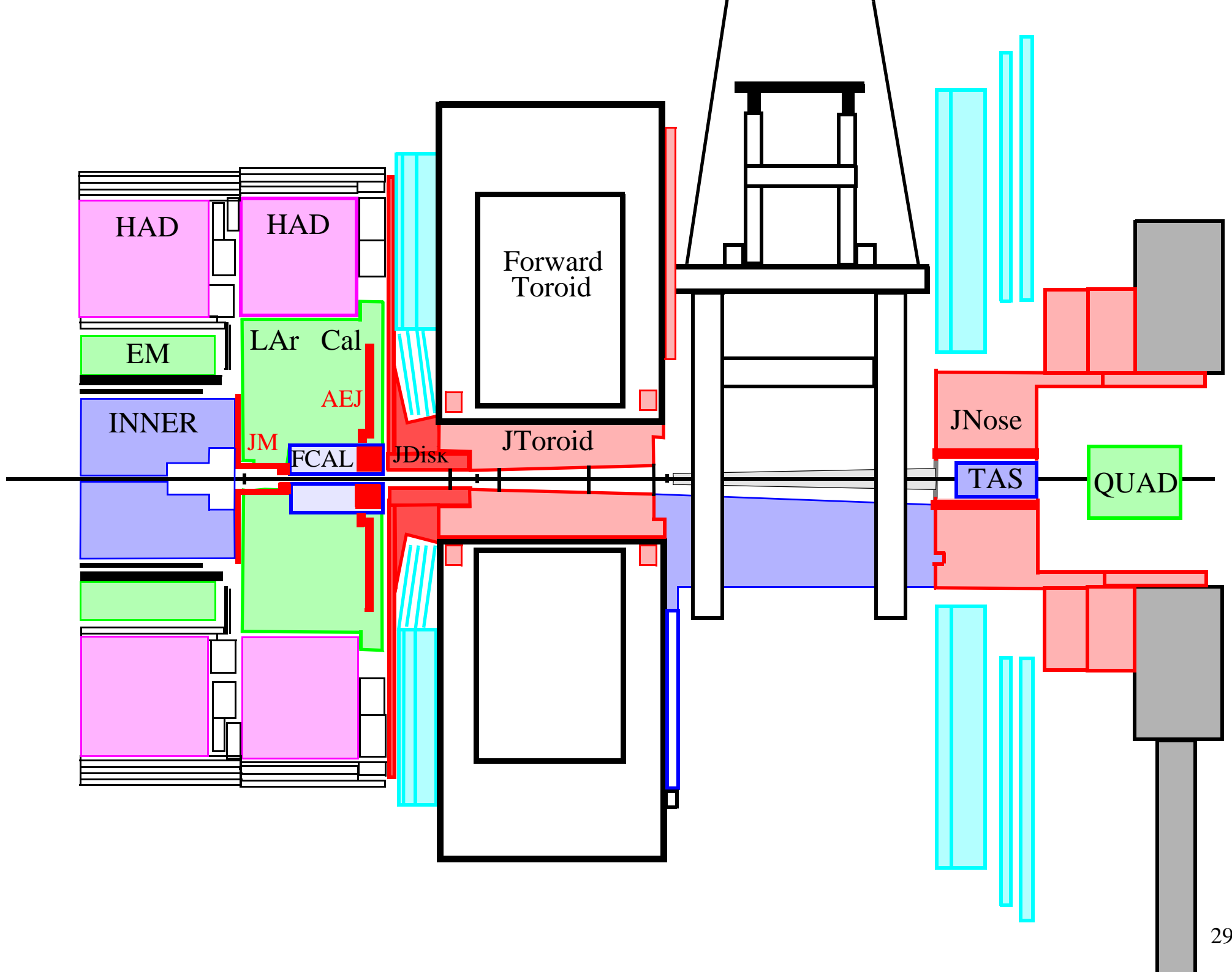


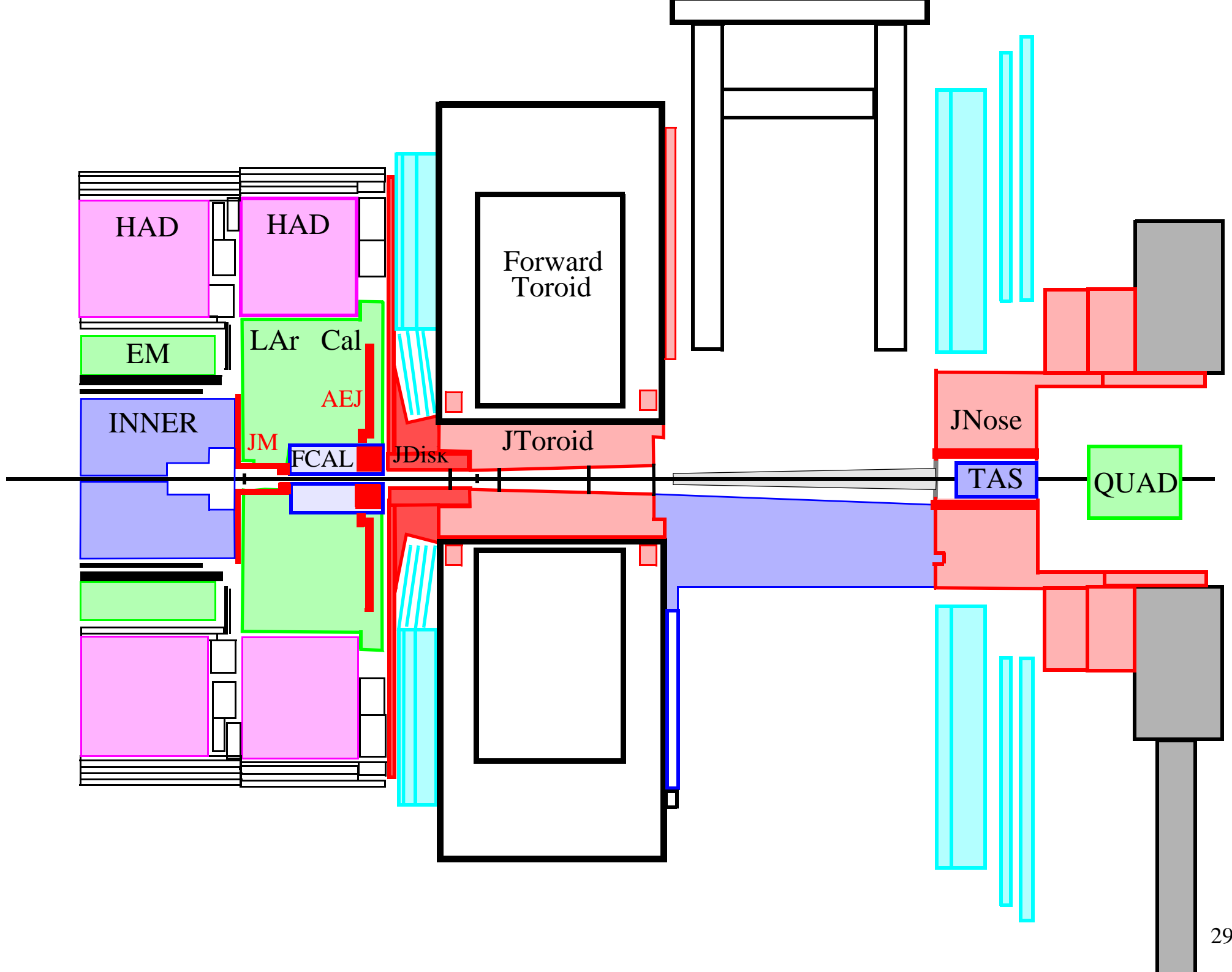


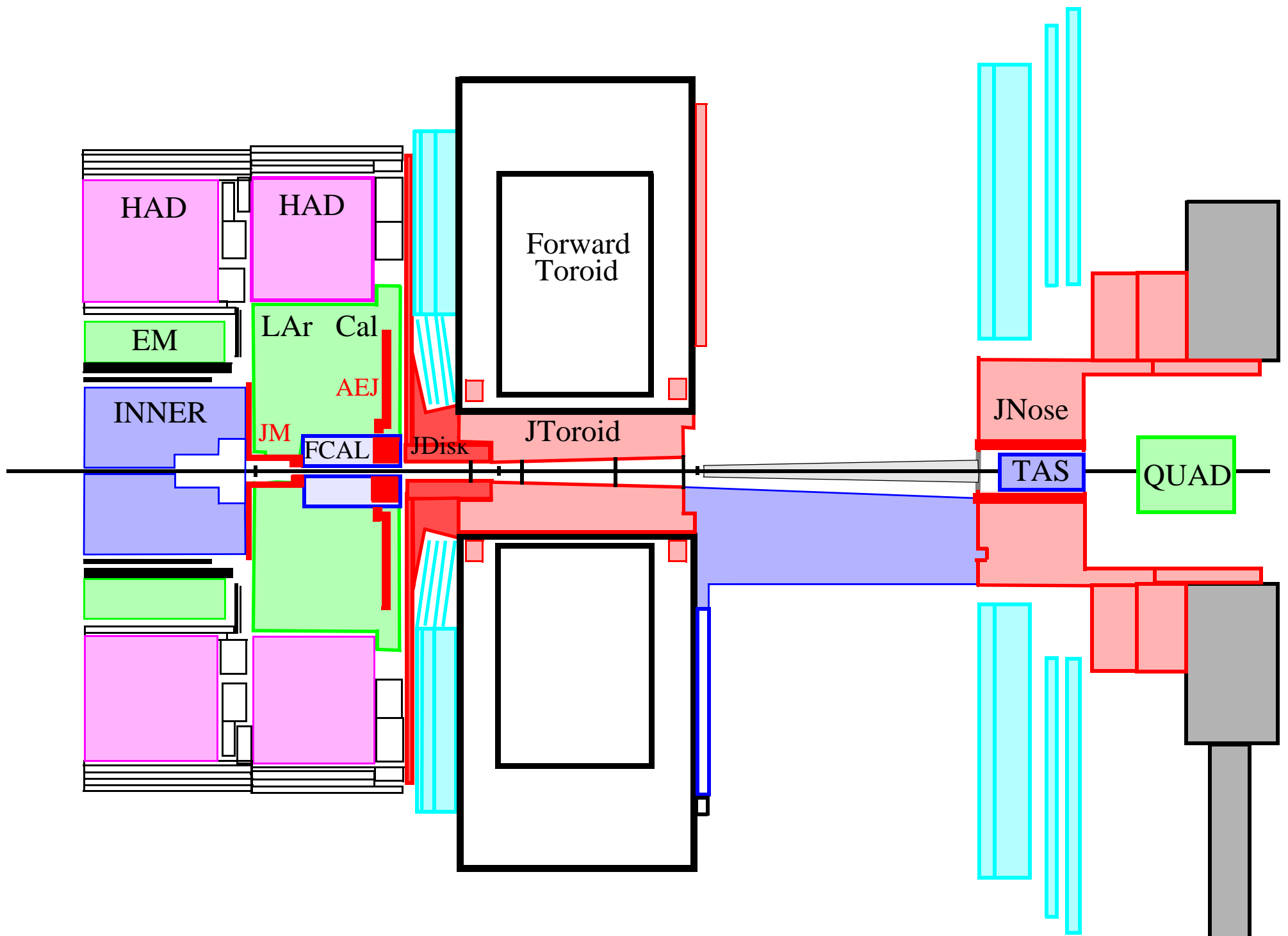


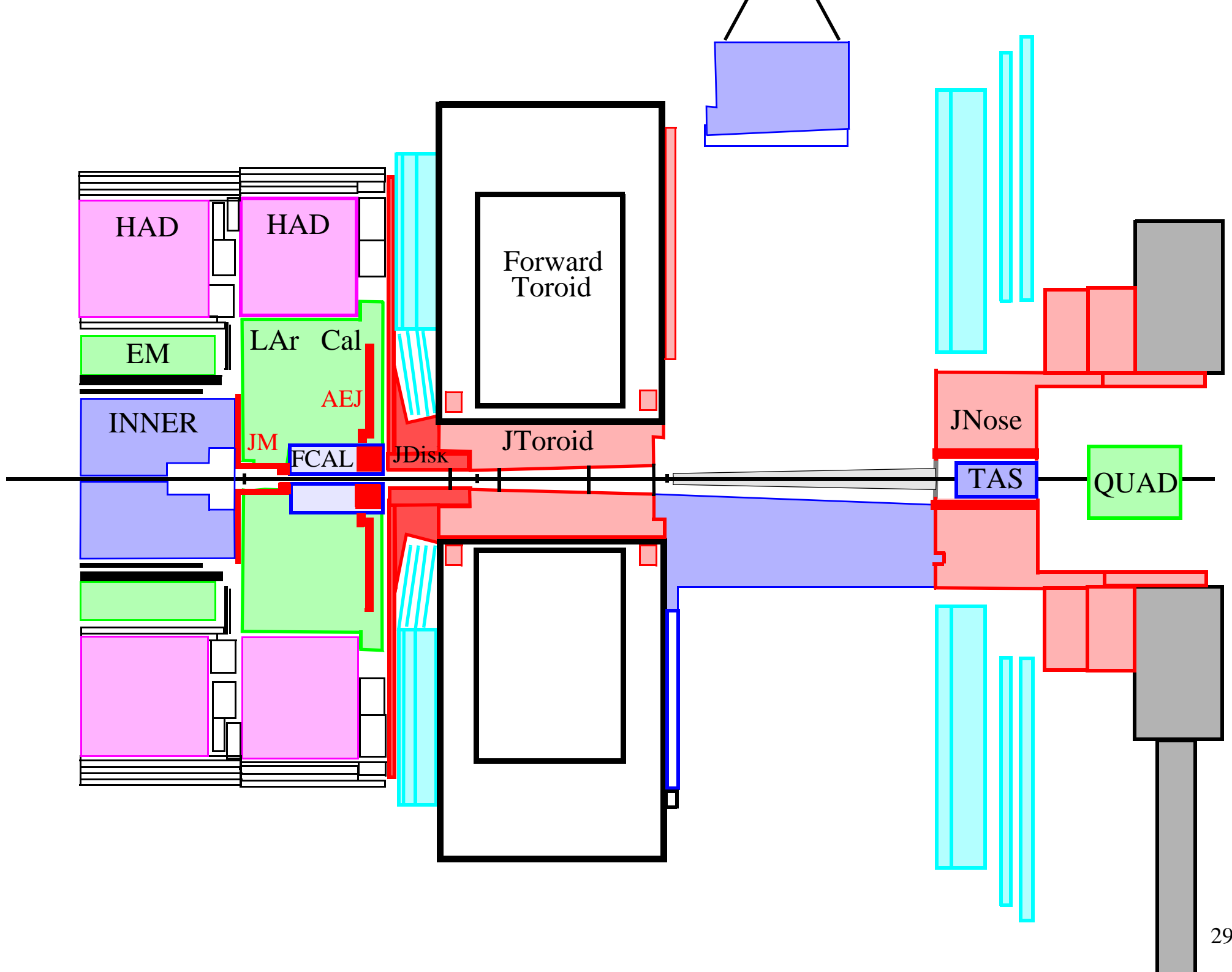


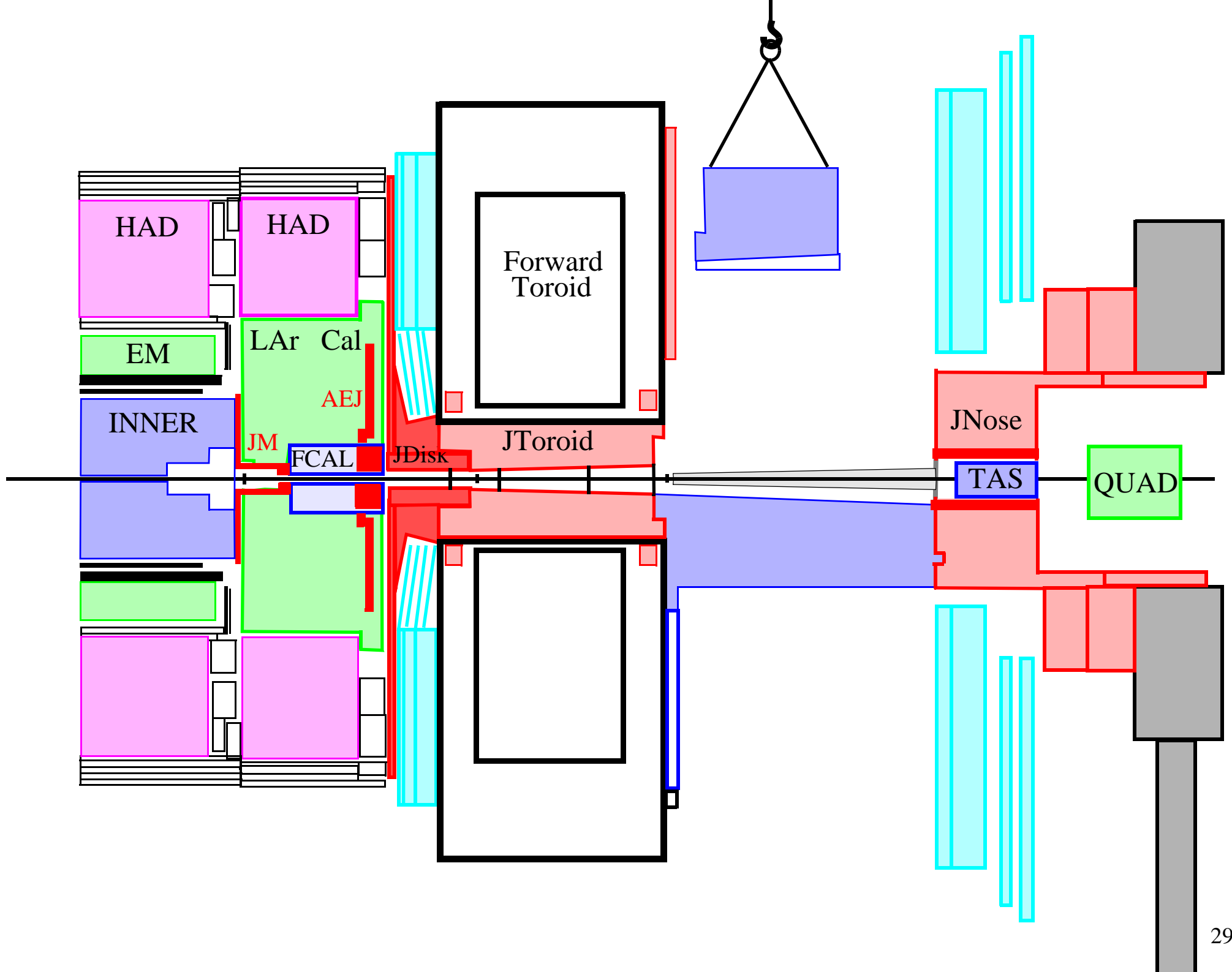


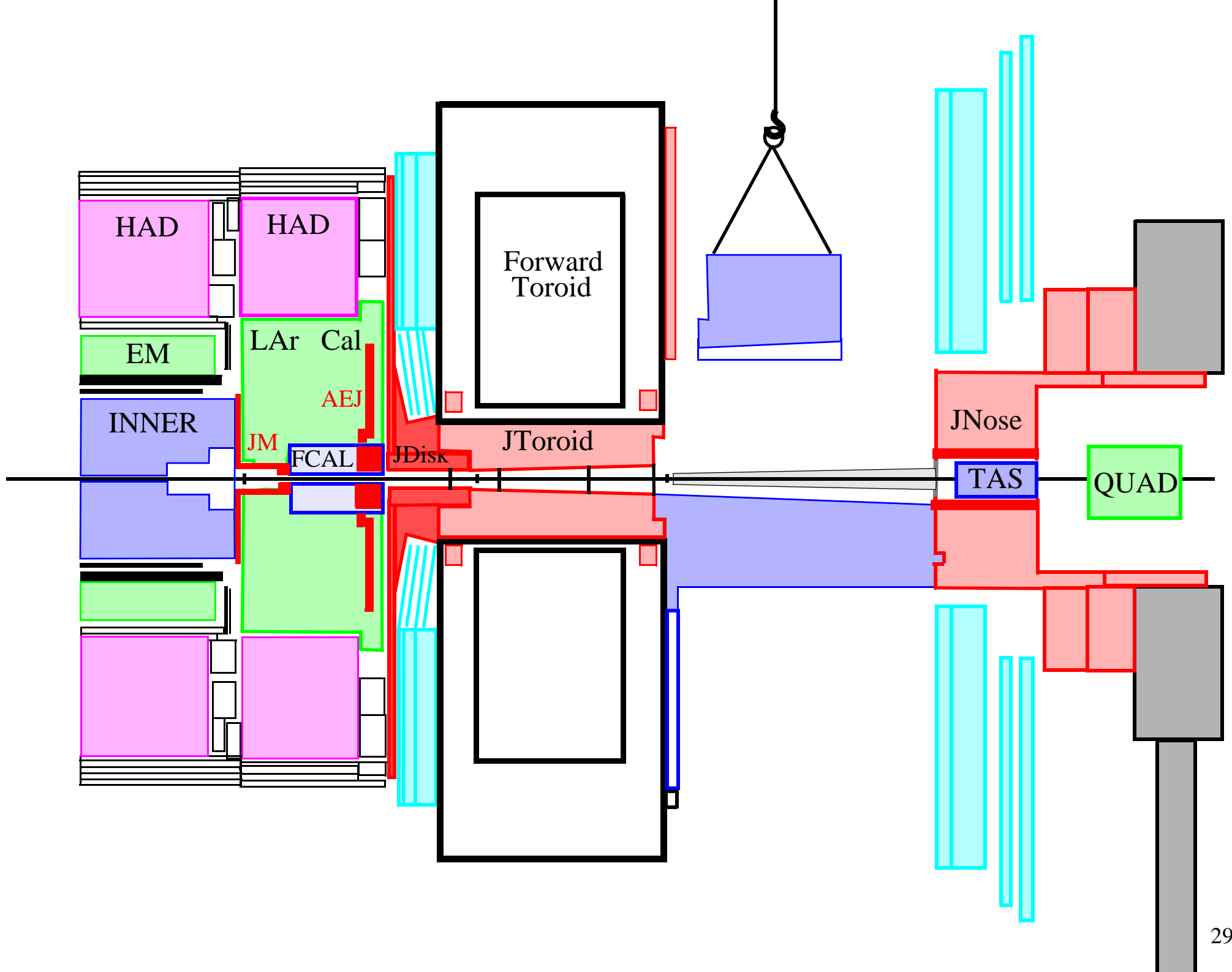


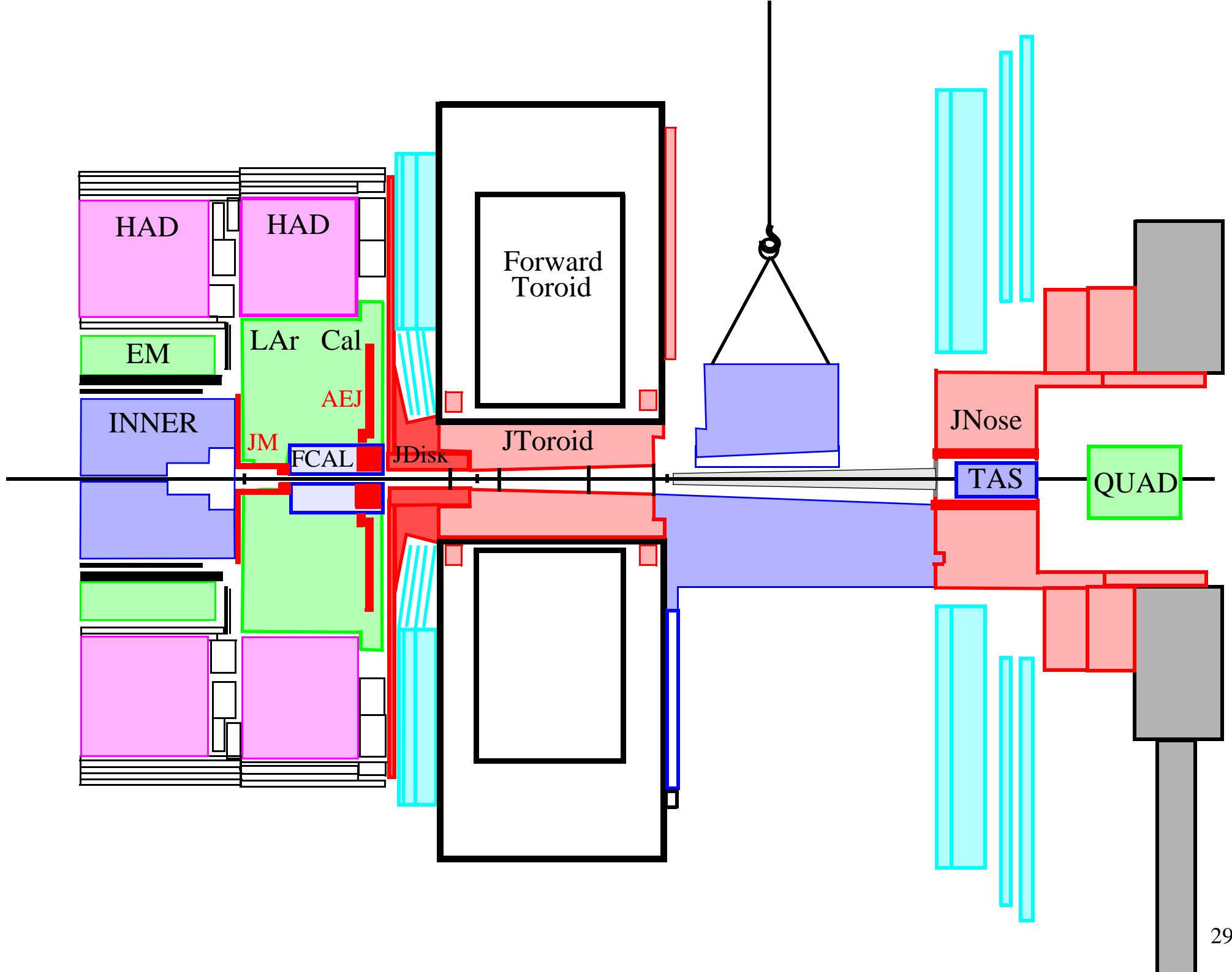


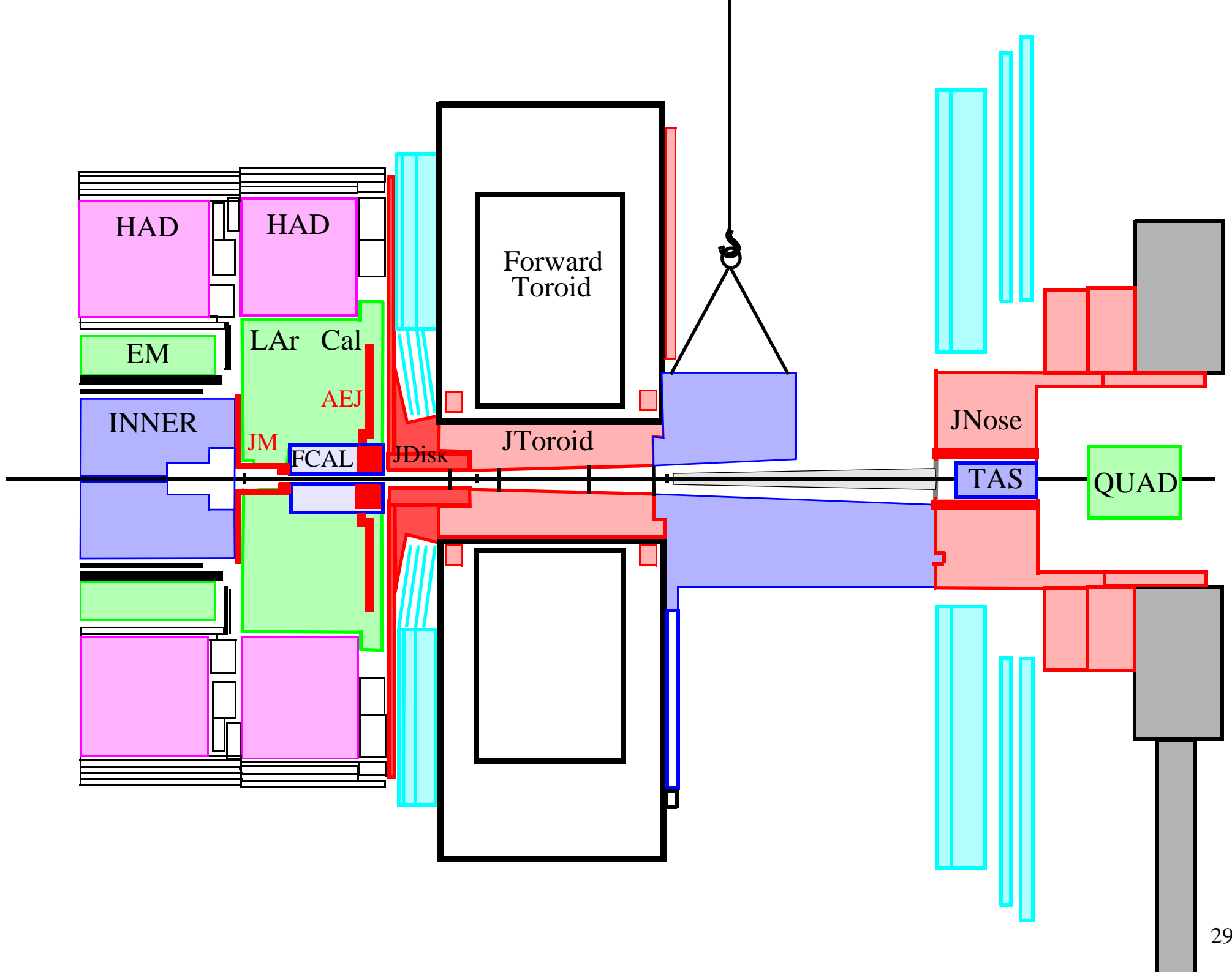


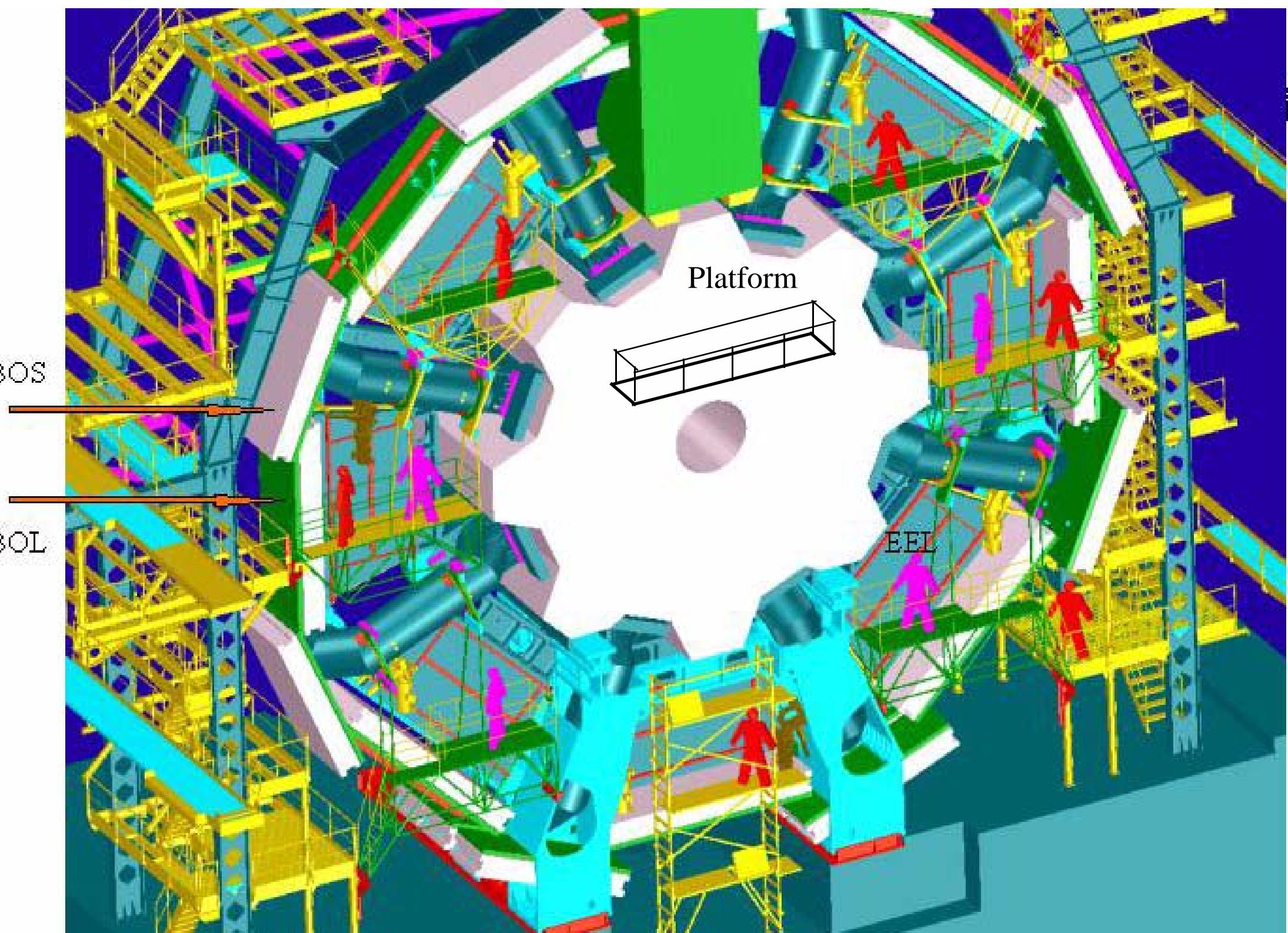










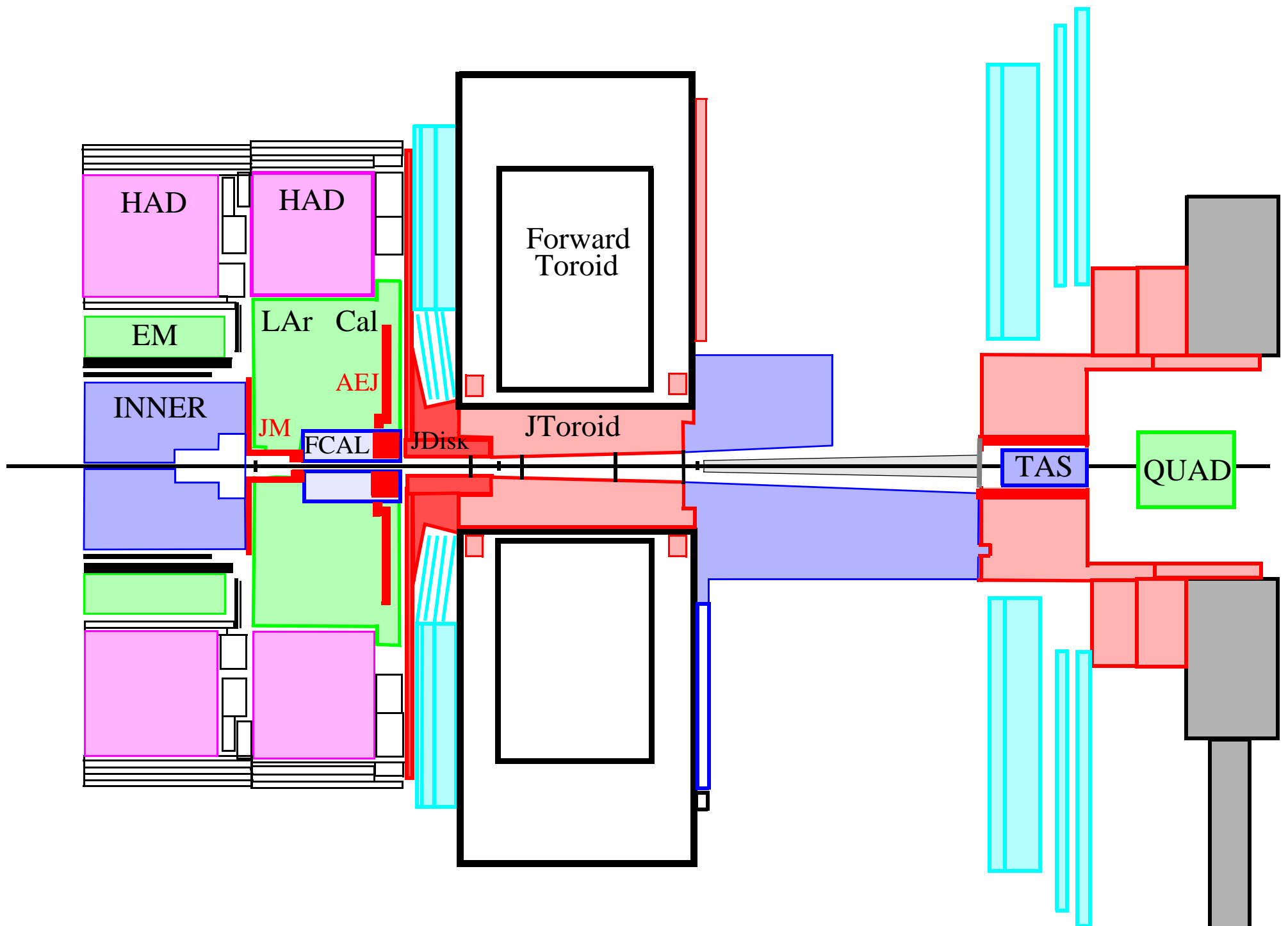


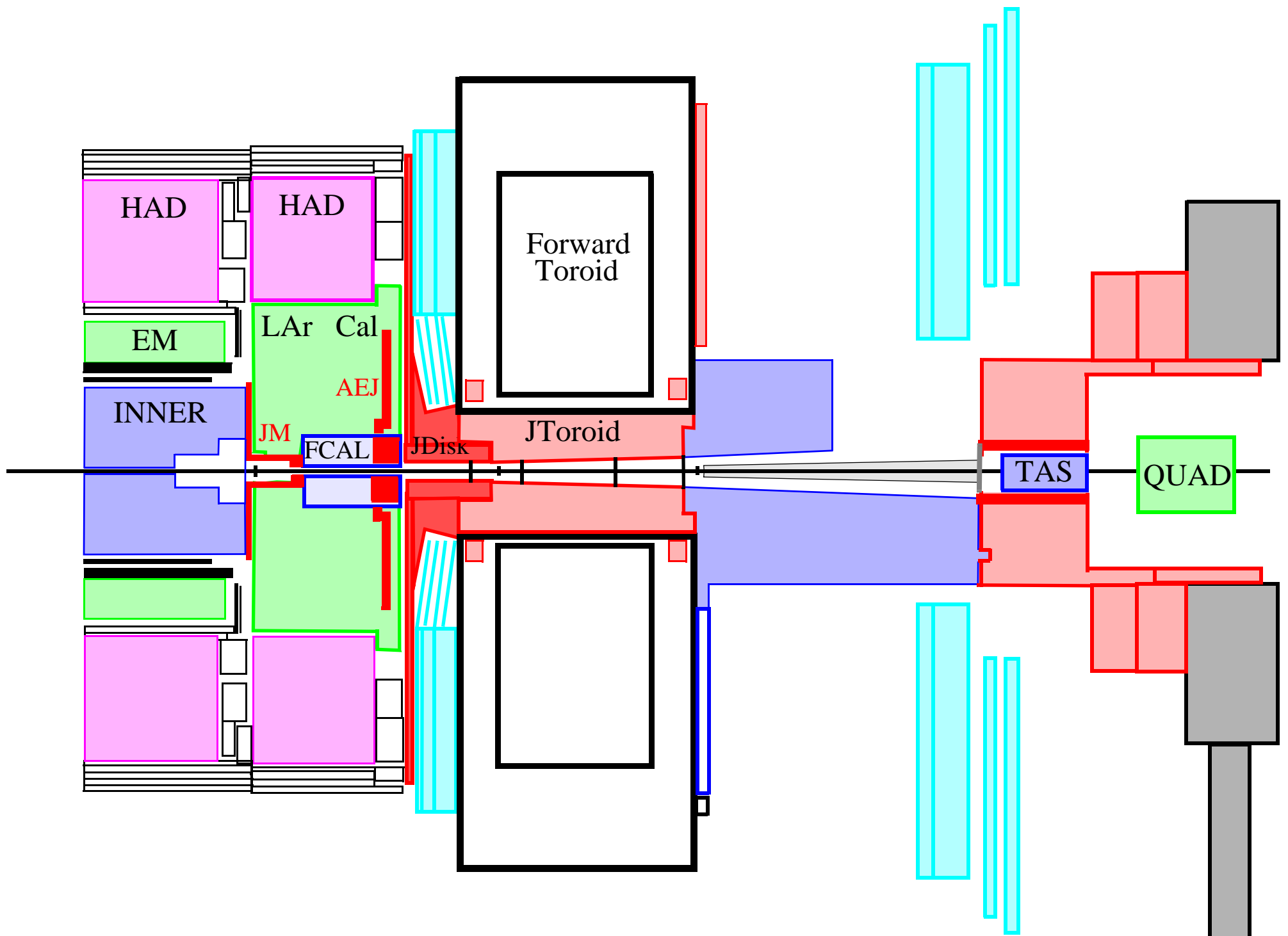
Platform

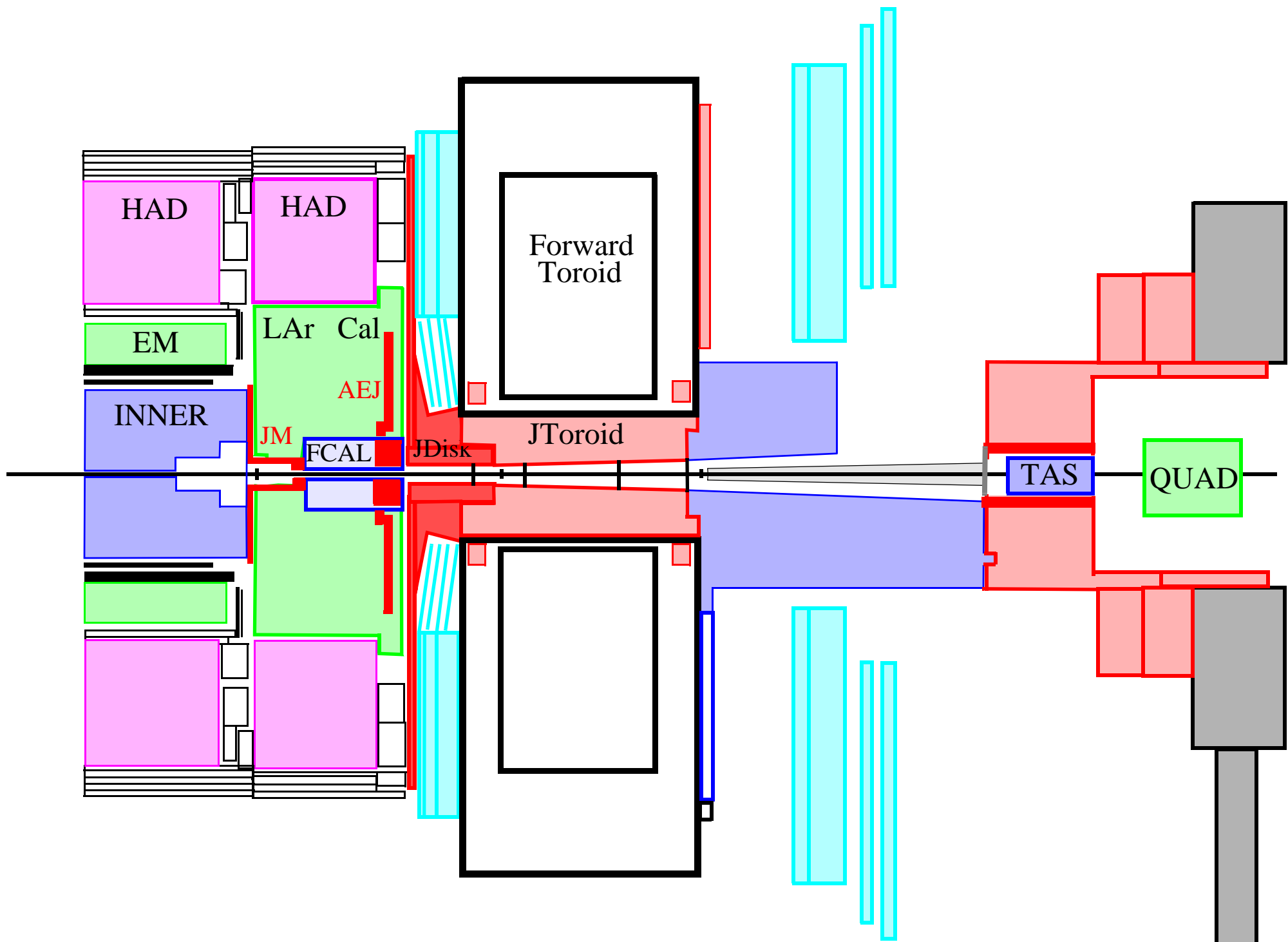
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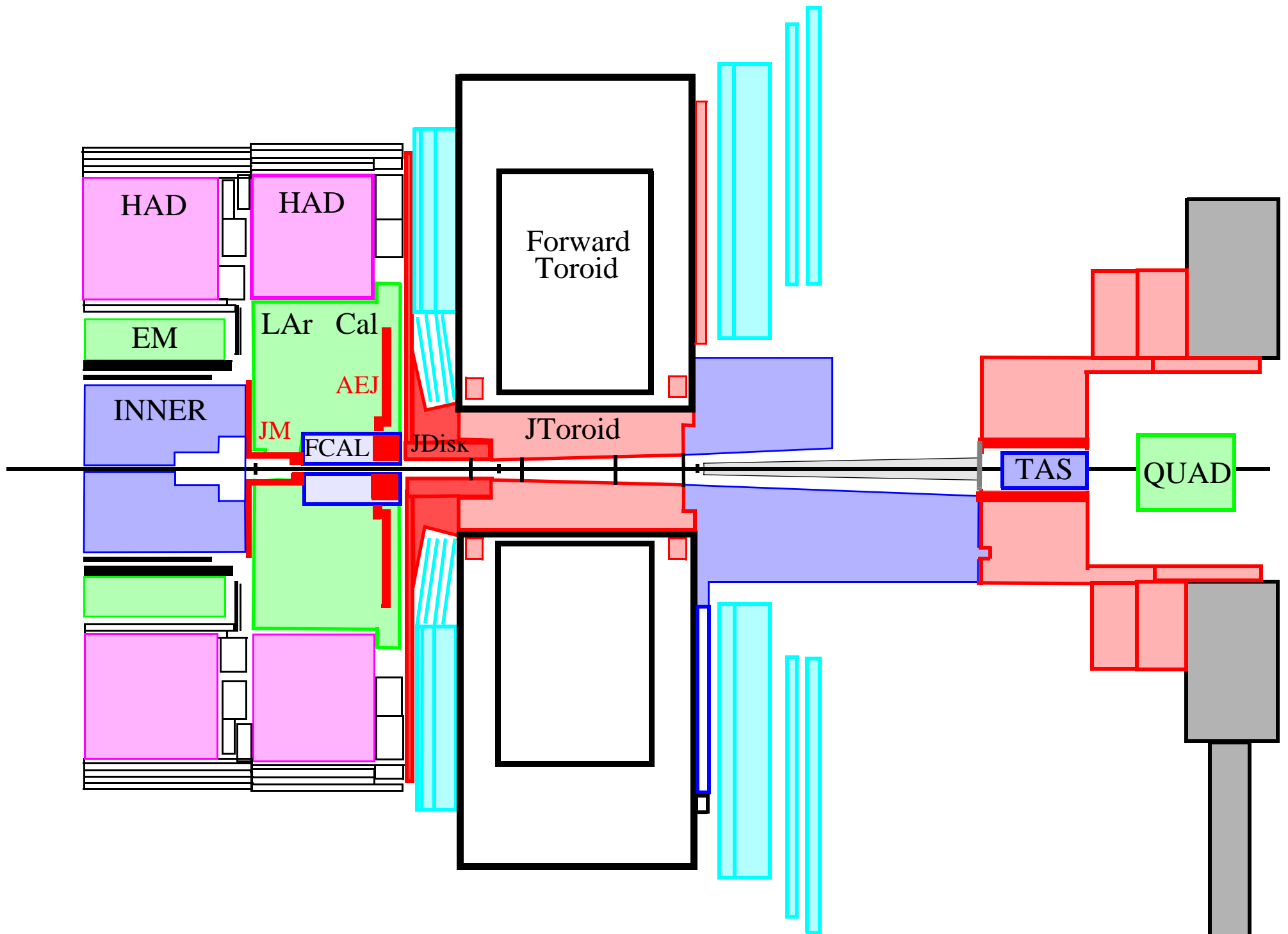
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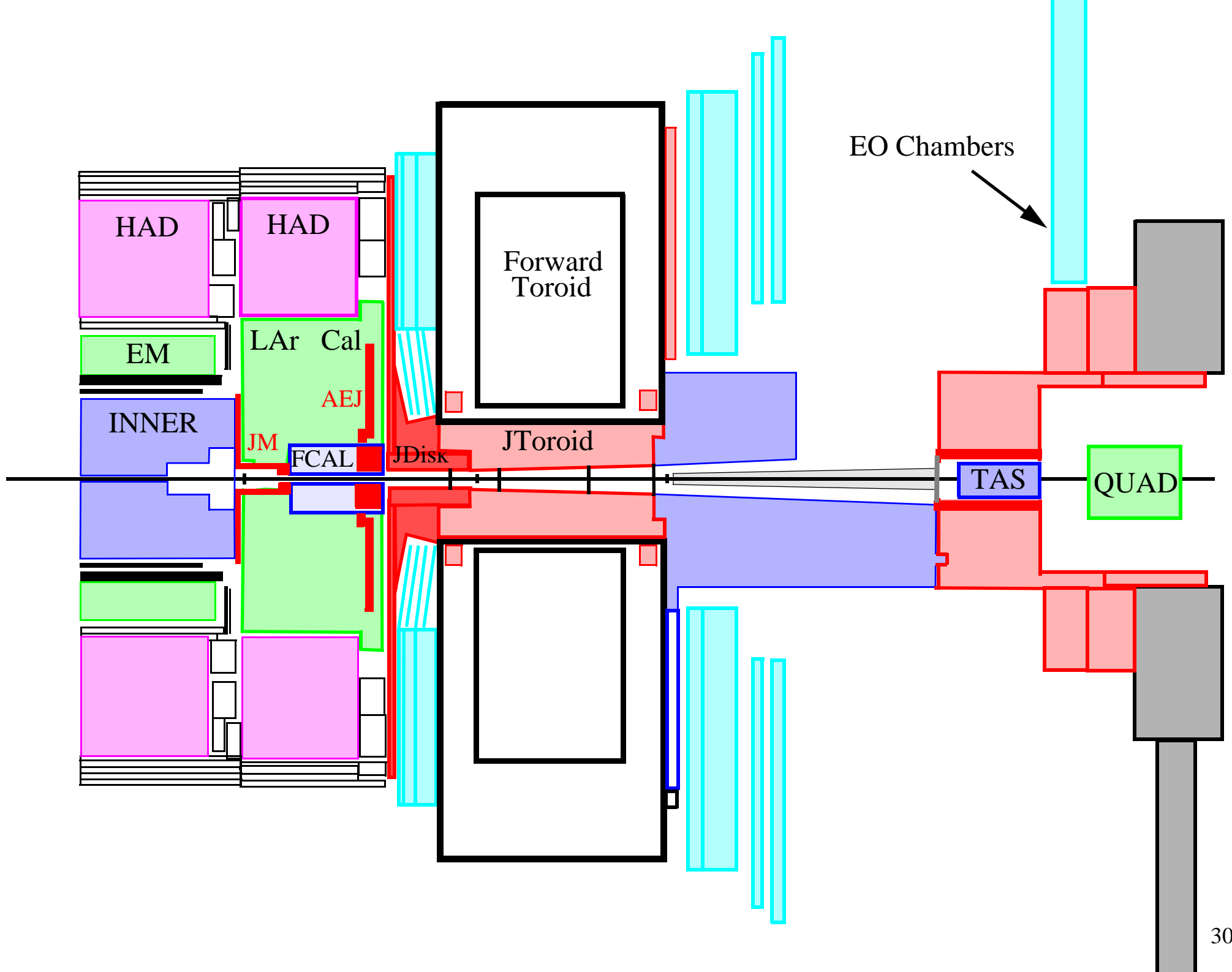
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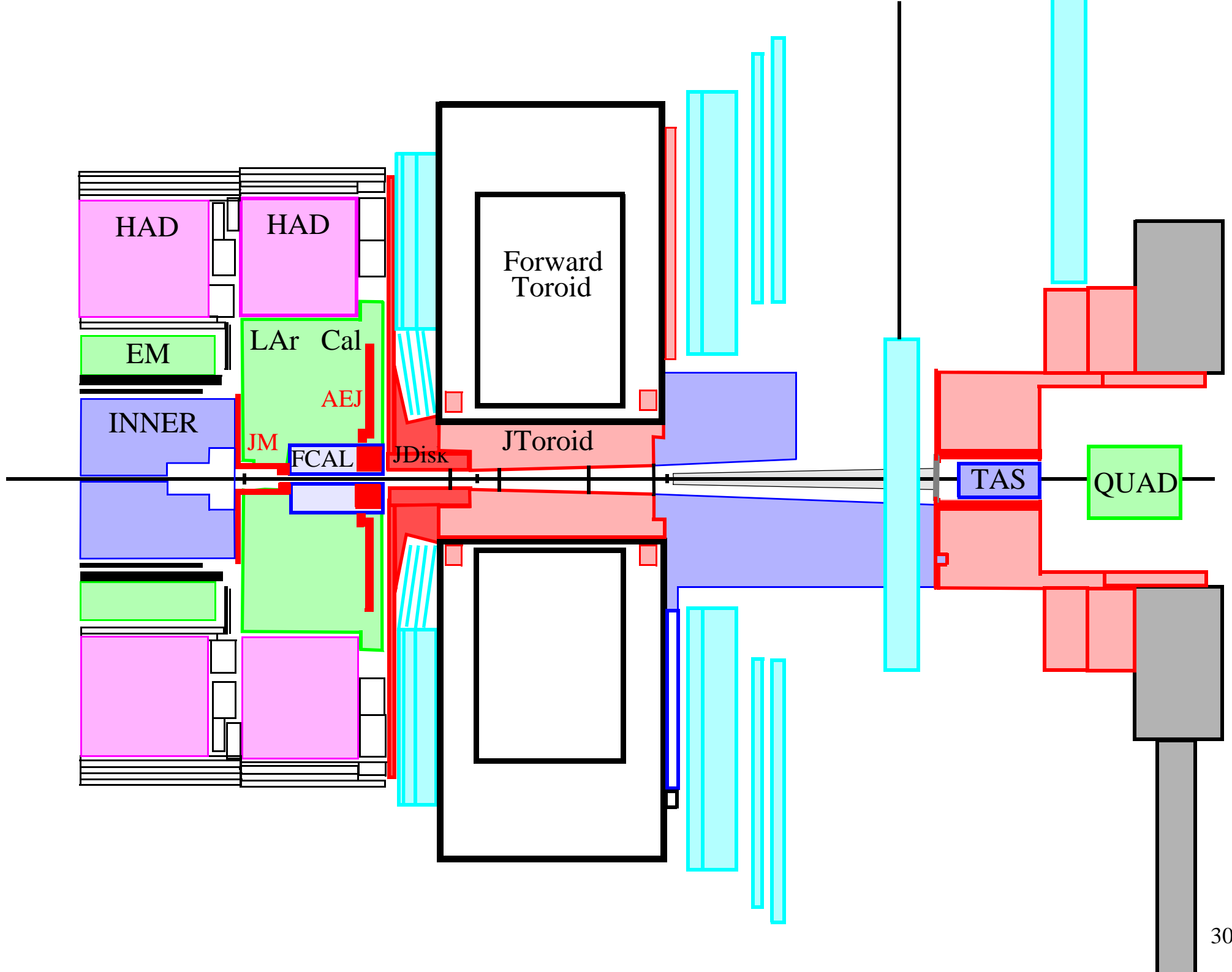


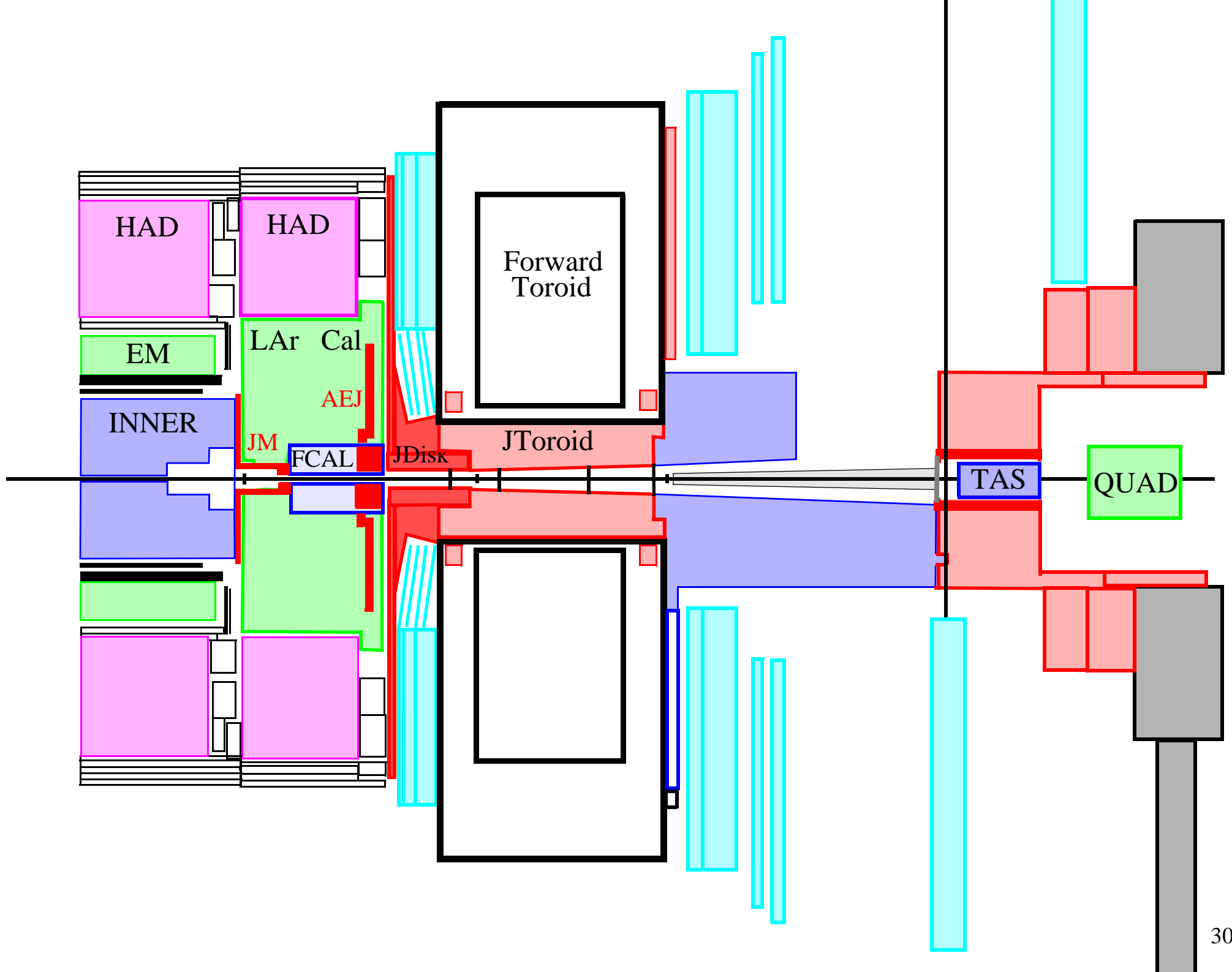


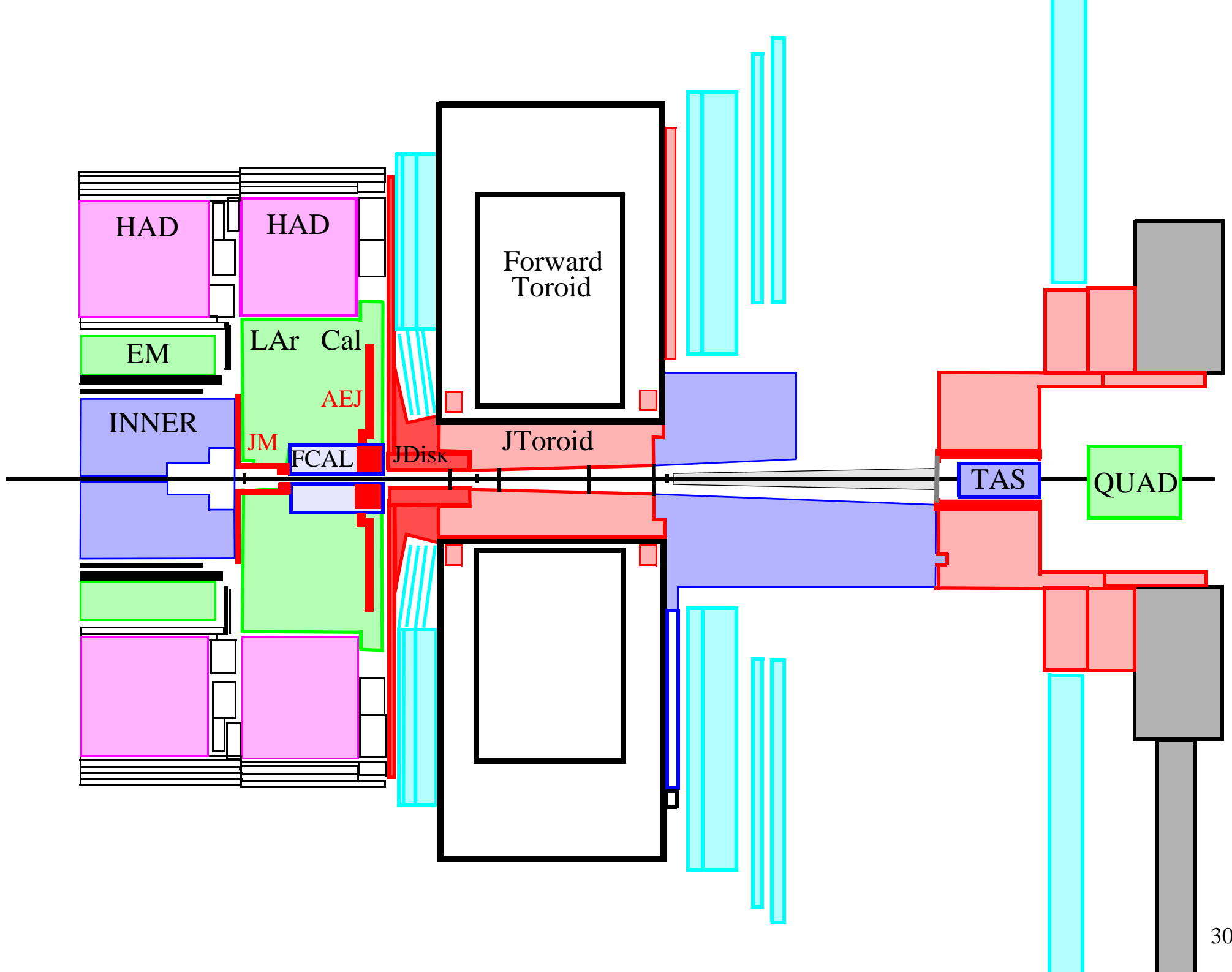


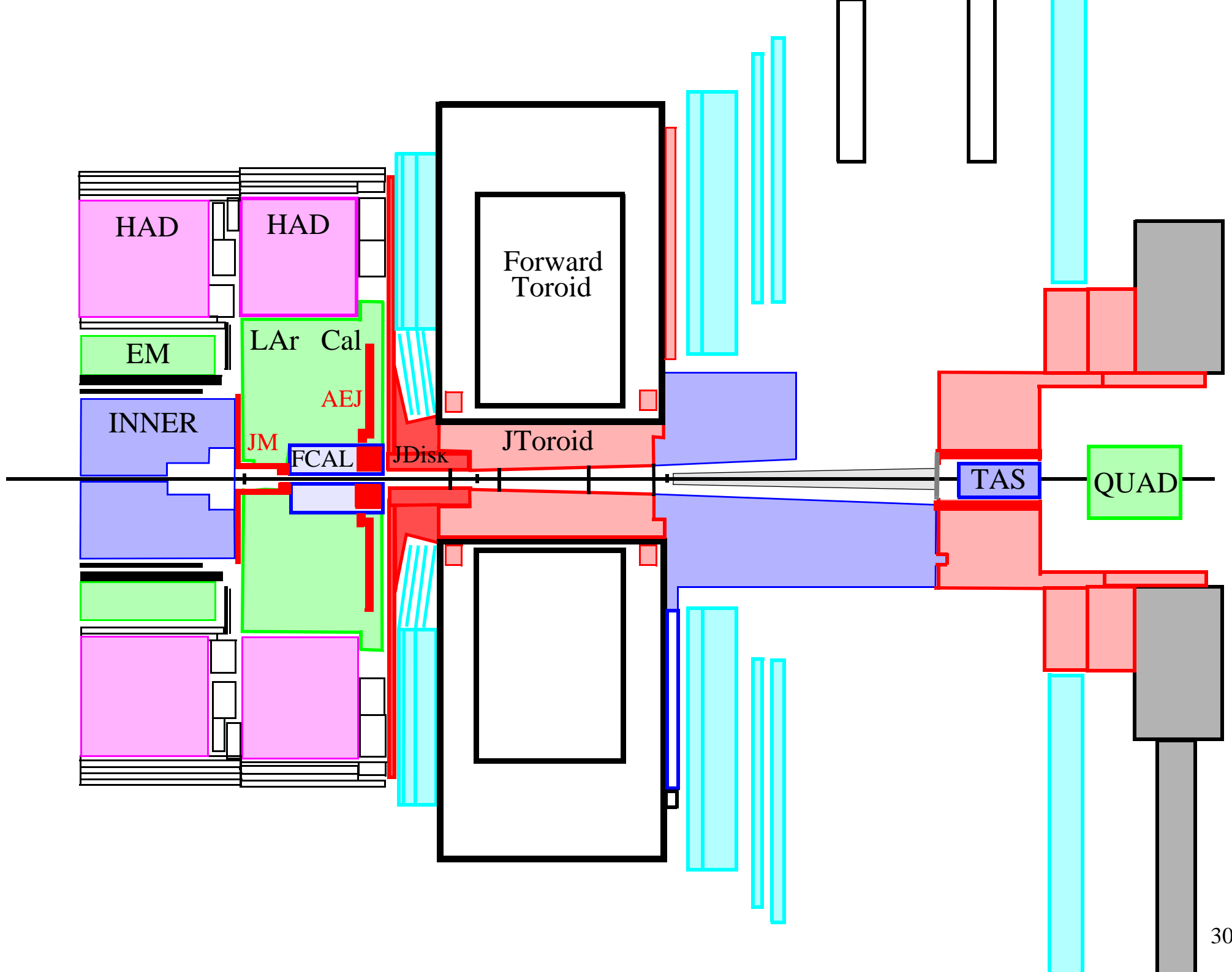


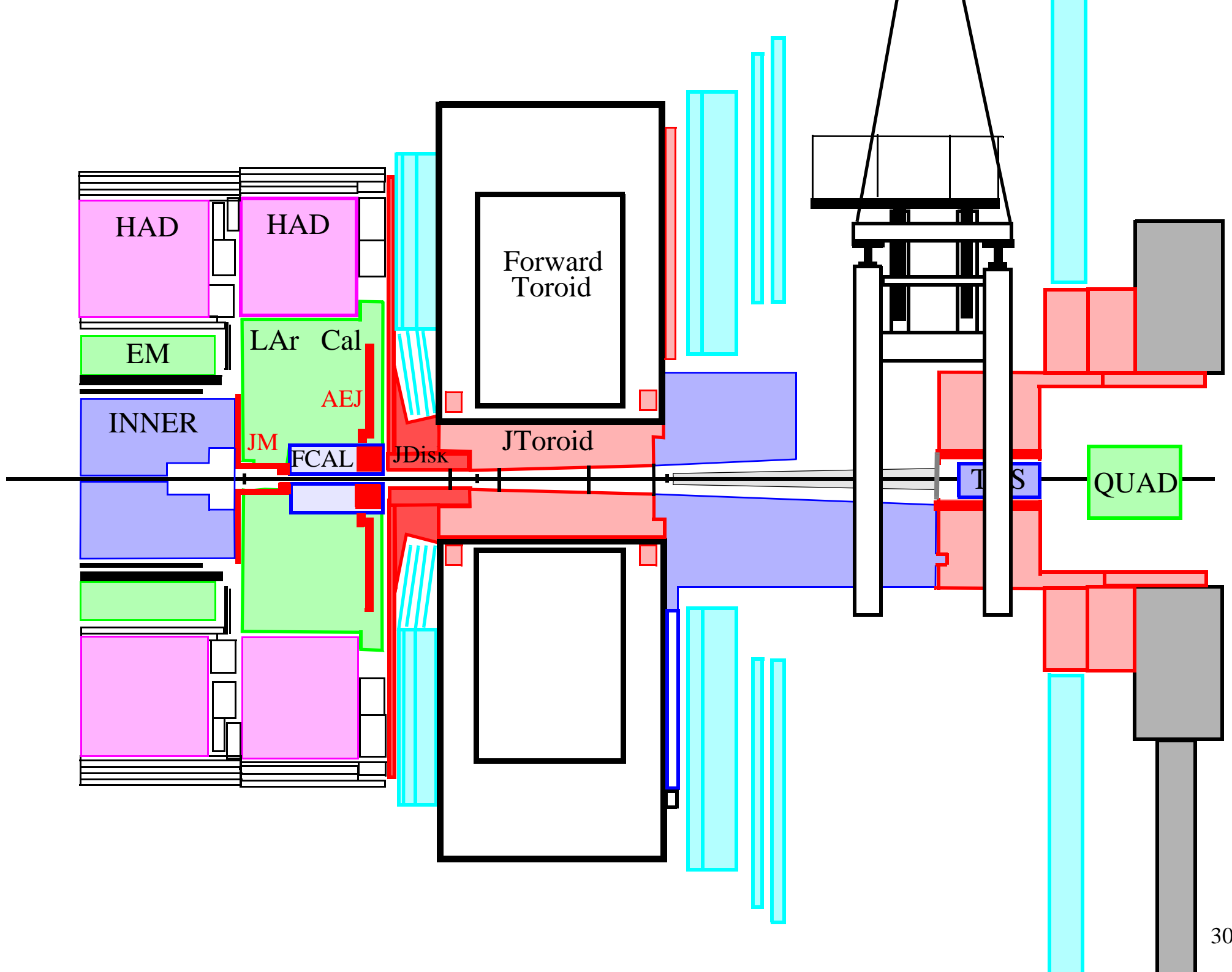


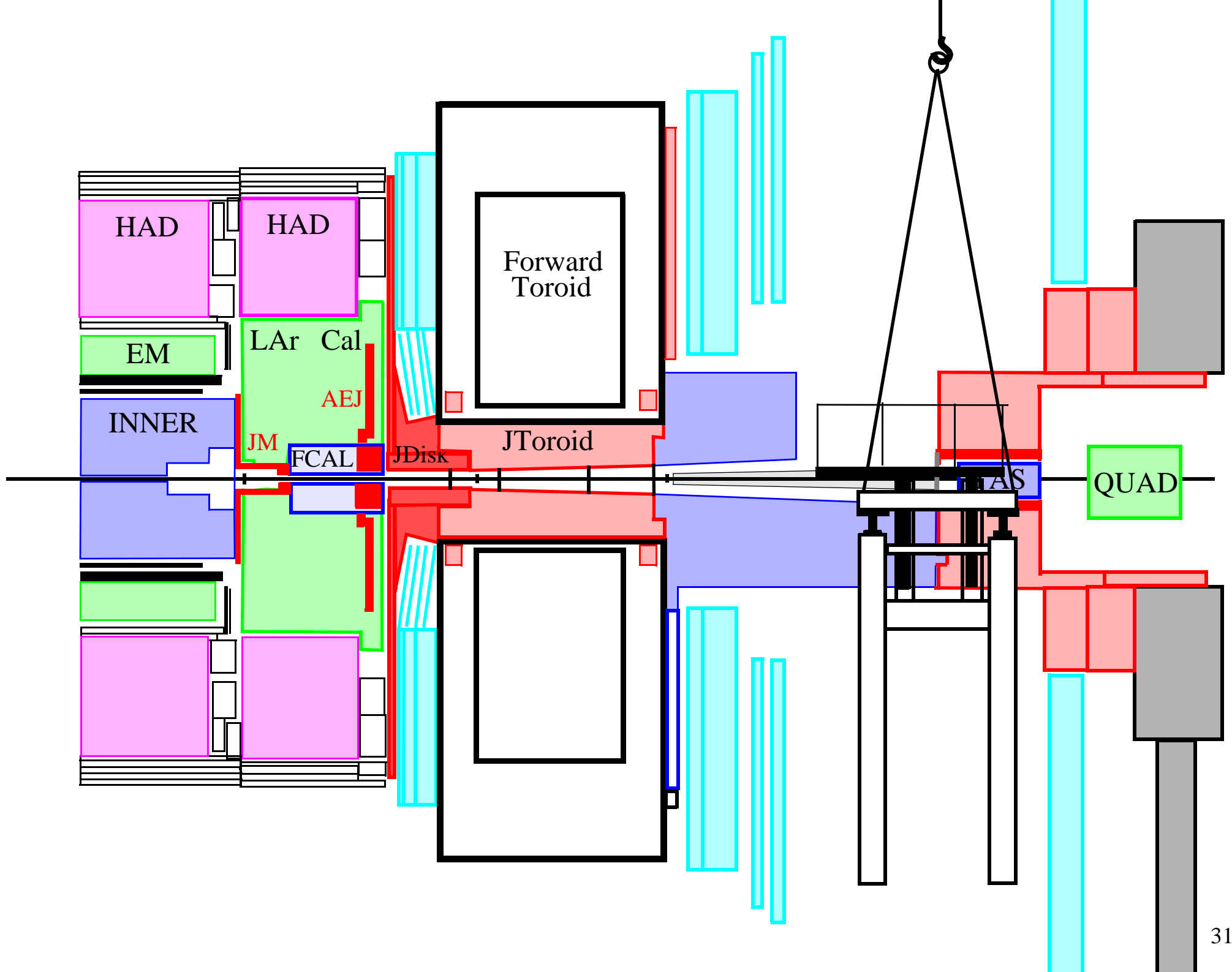


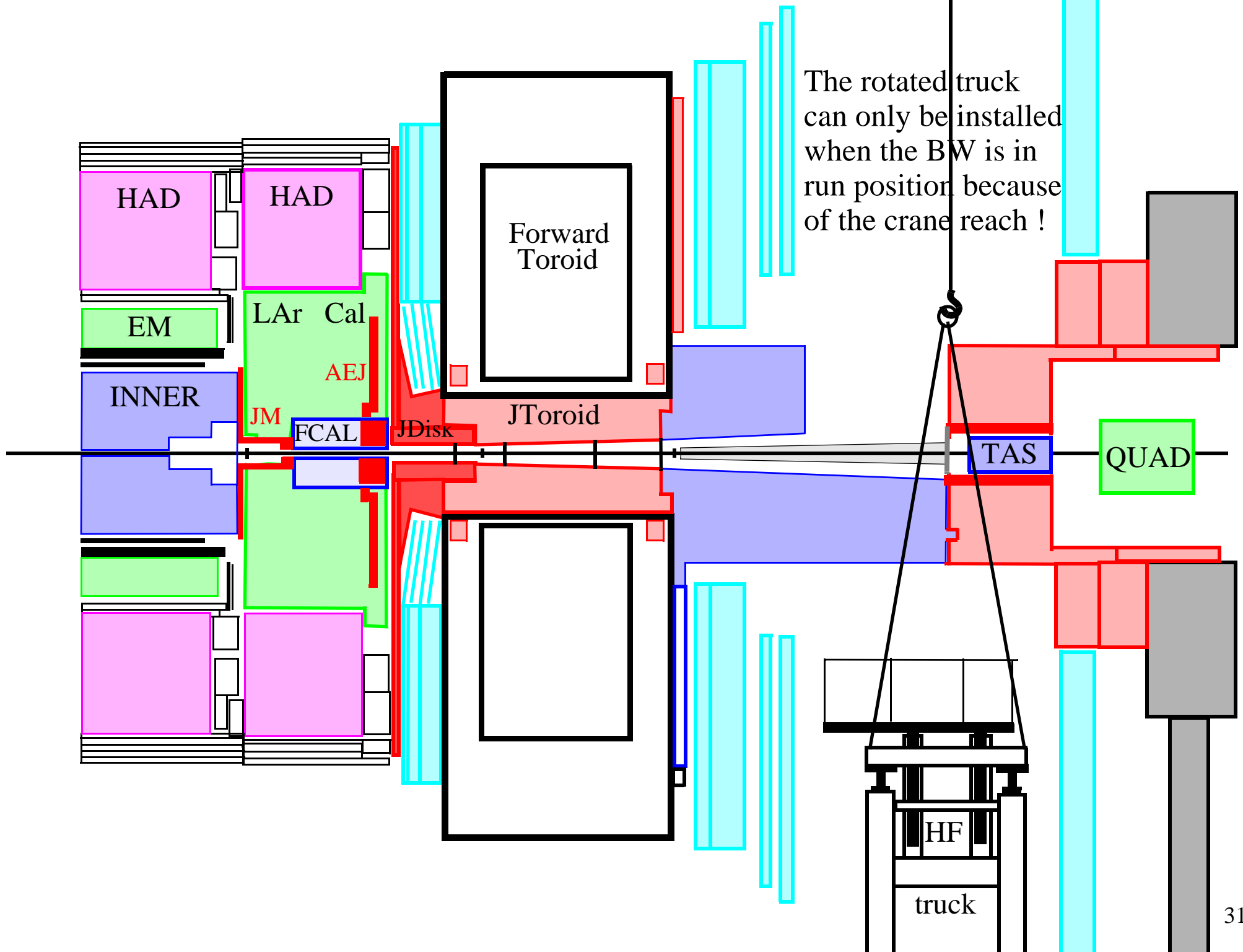


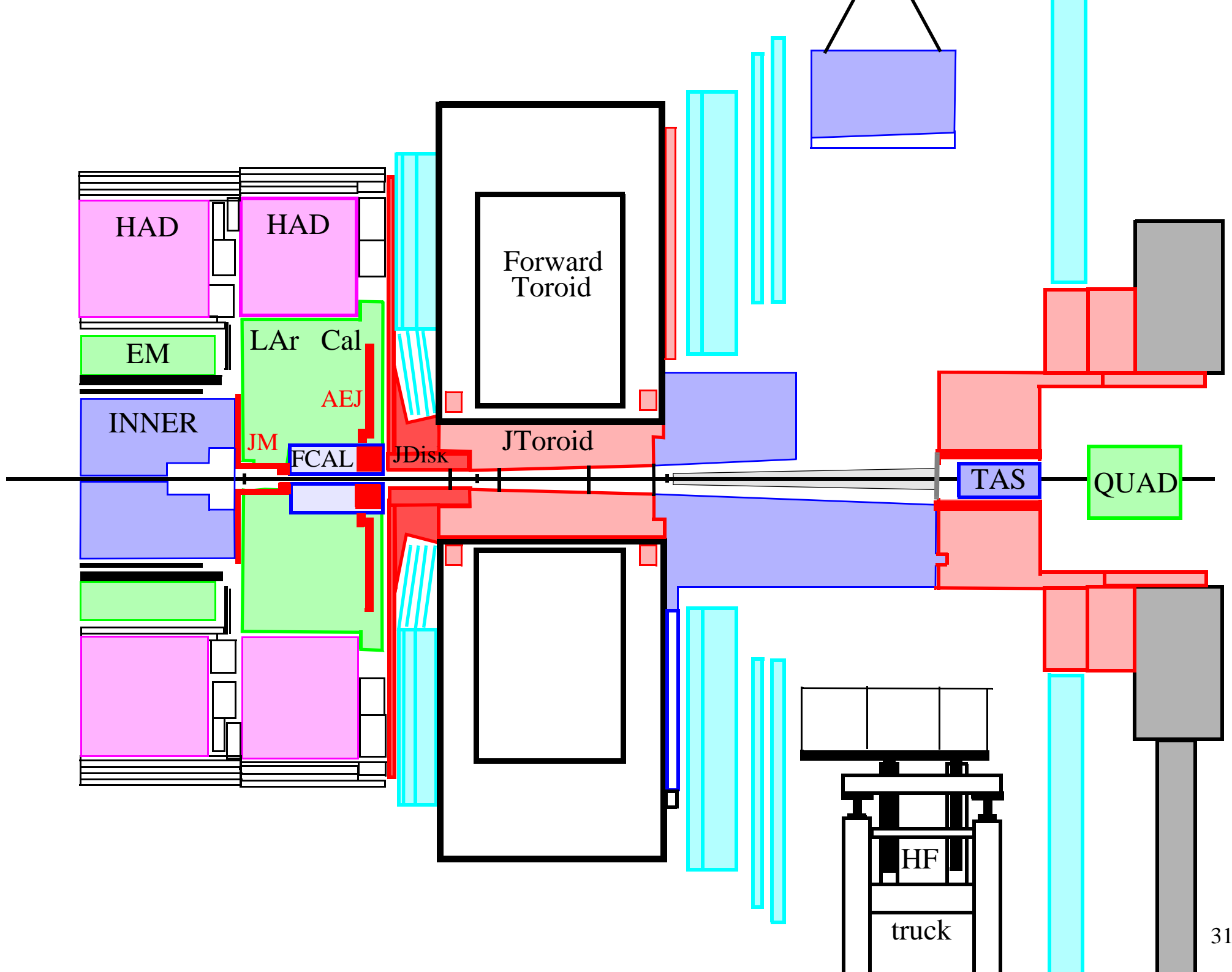


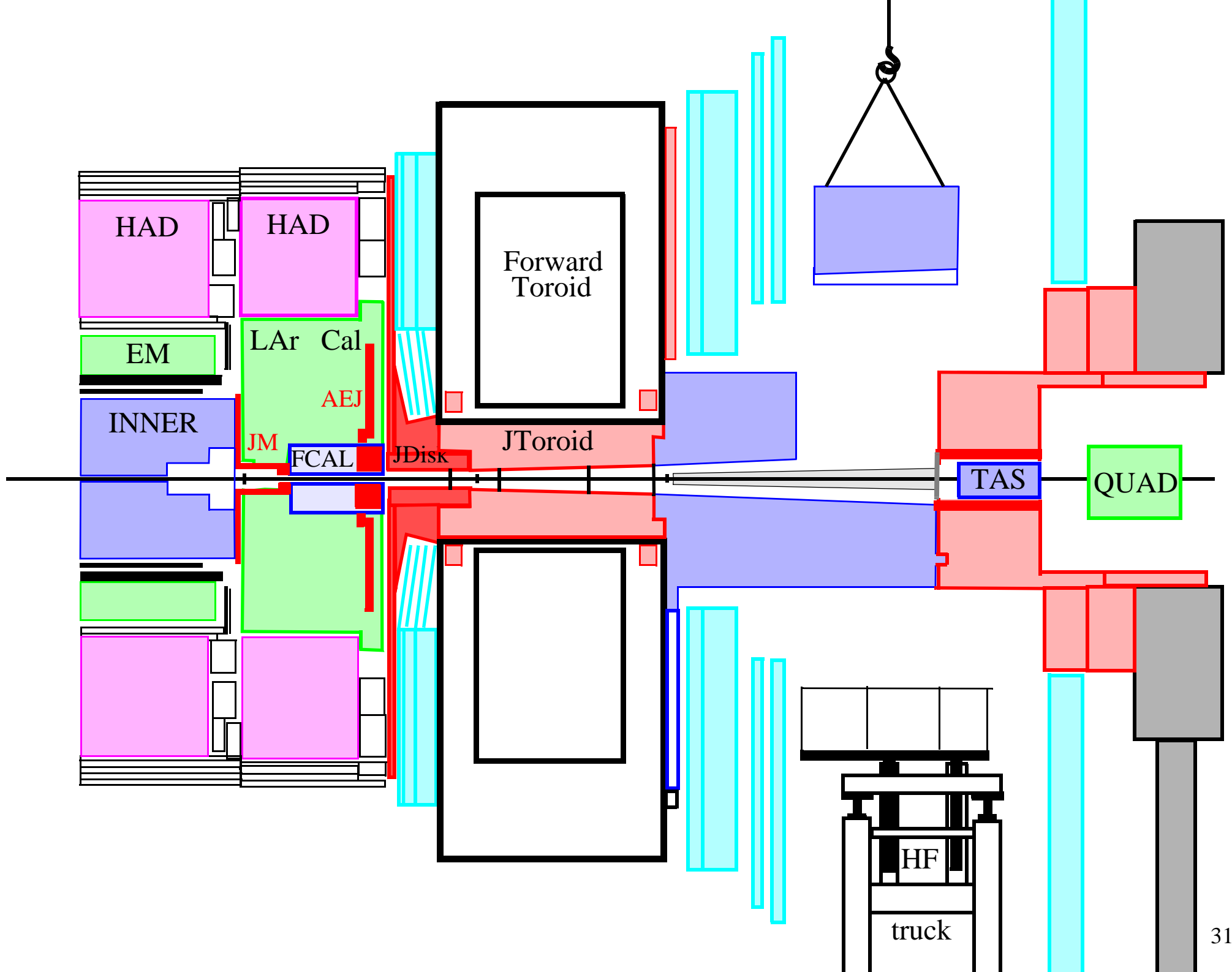


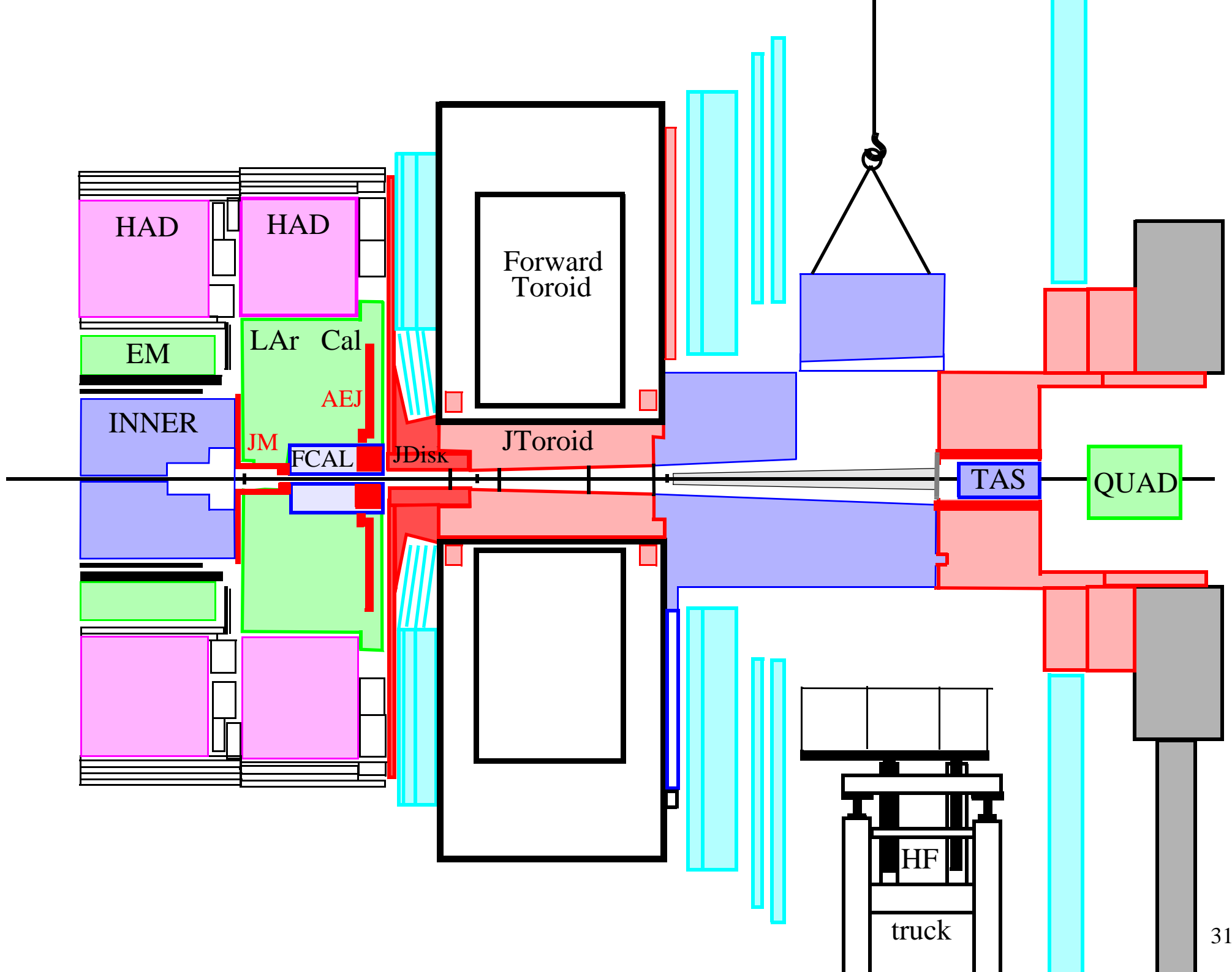


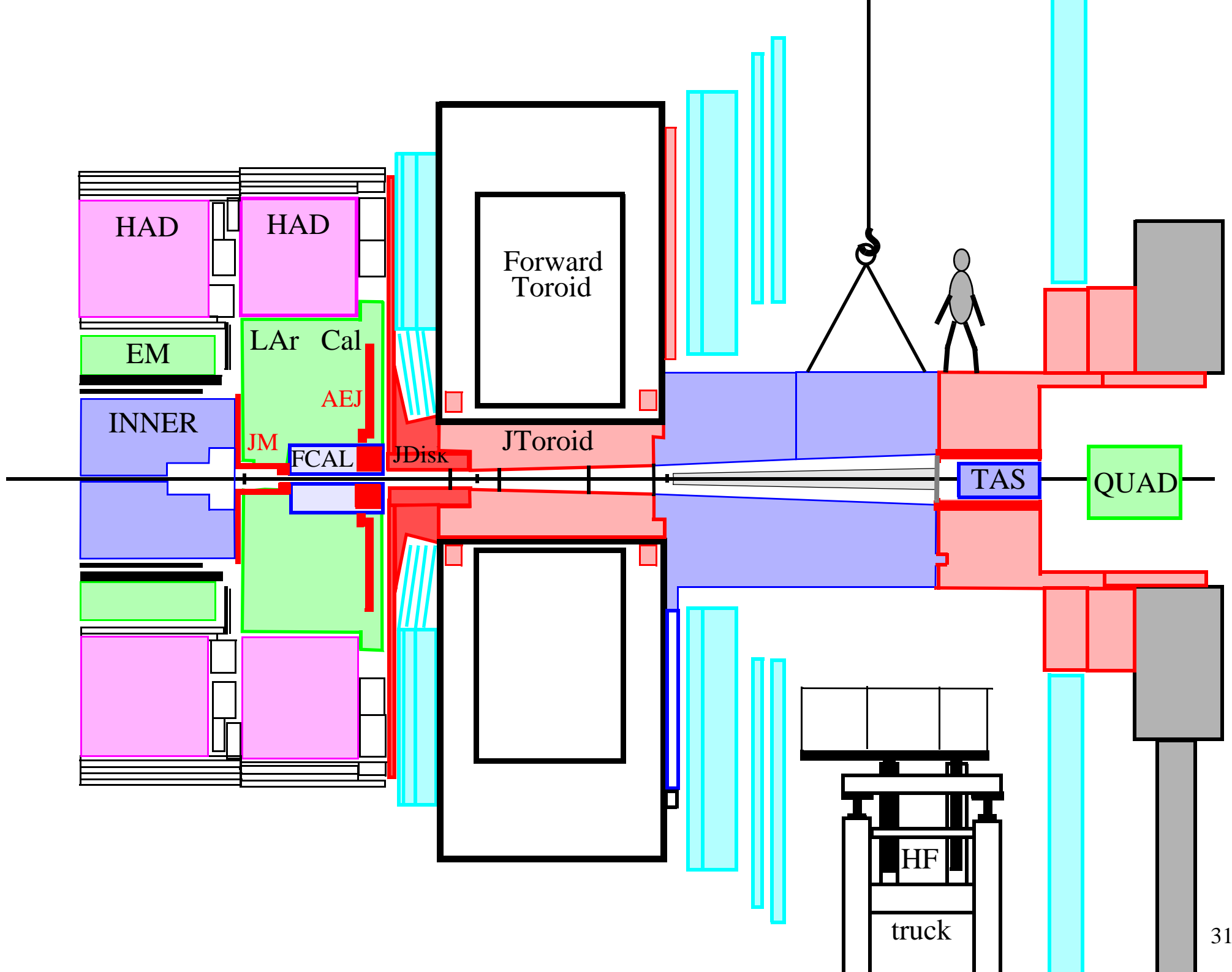


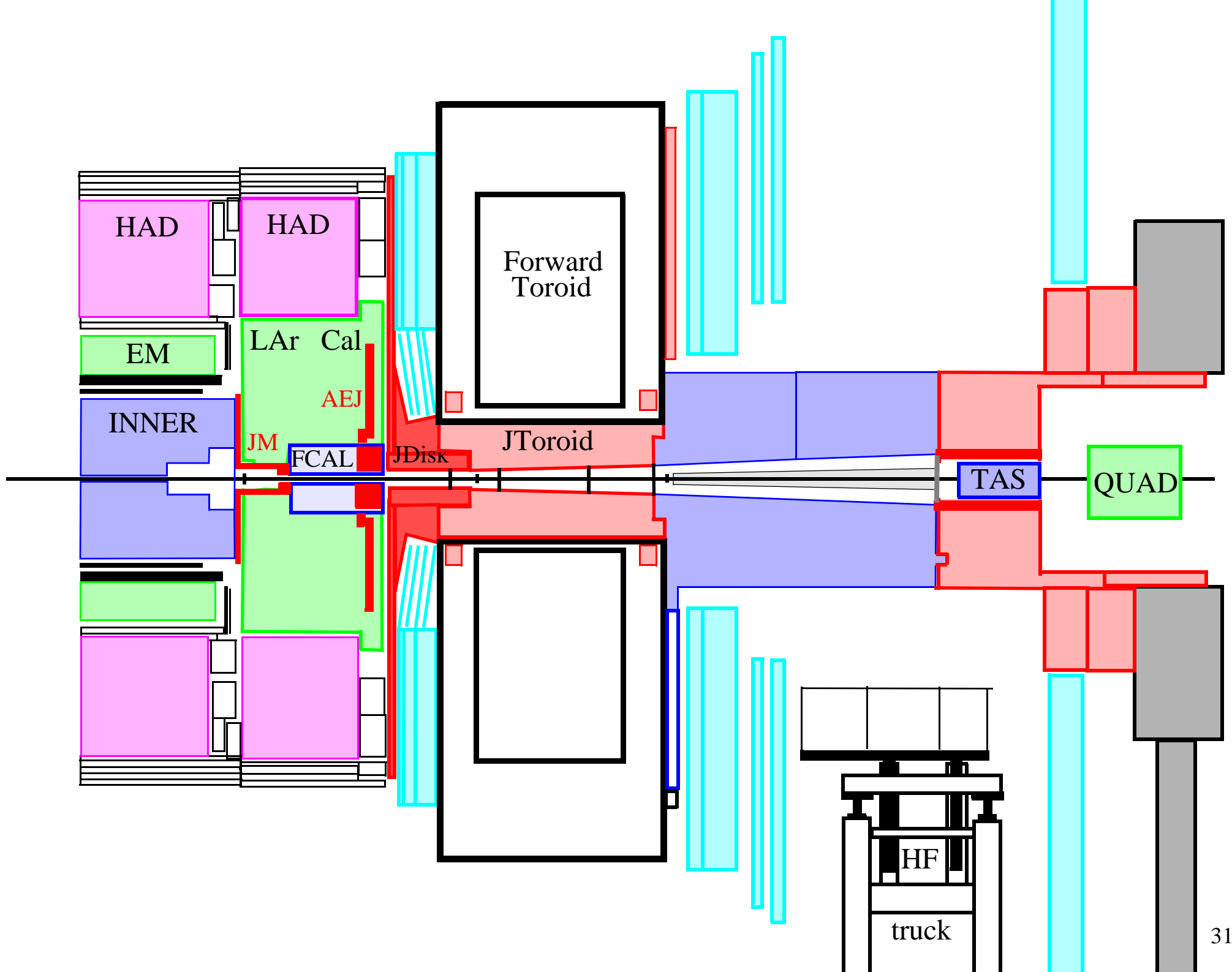












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