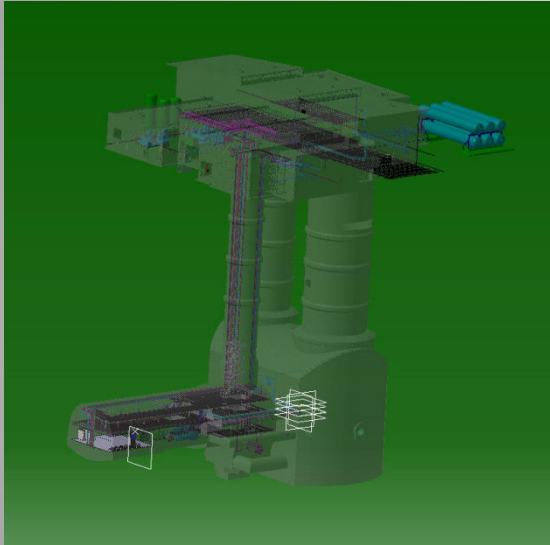


Thermo-Siphon Workshop
6th of July

Pipe and station integration

EDMS Id: 1004110



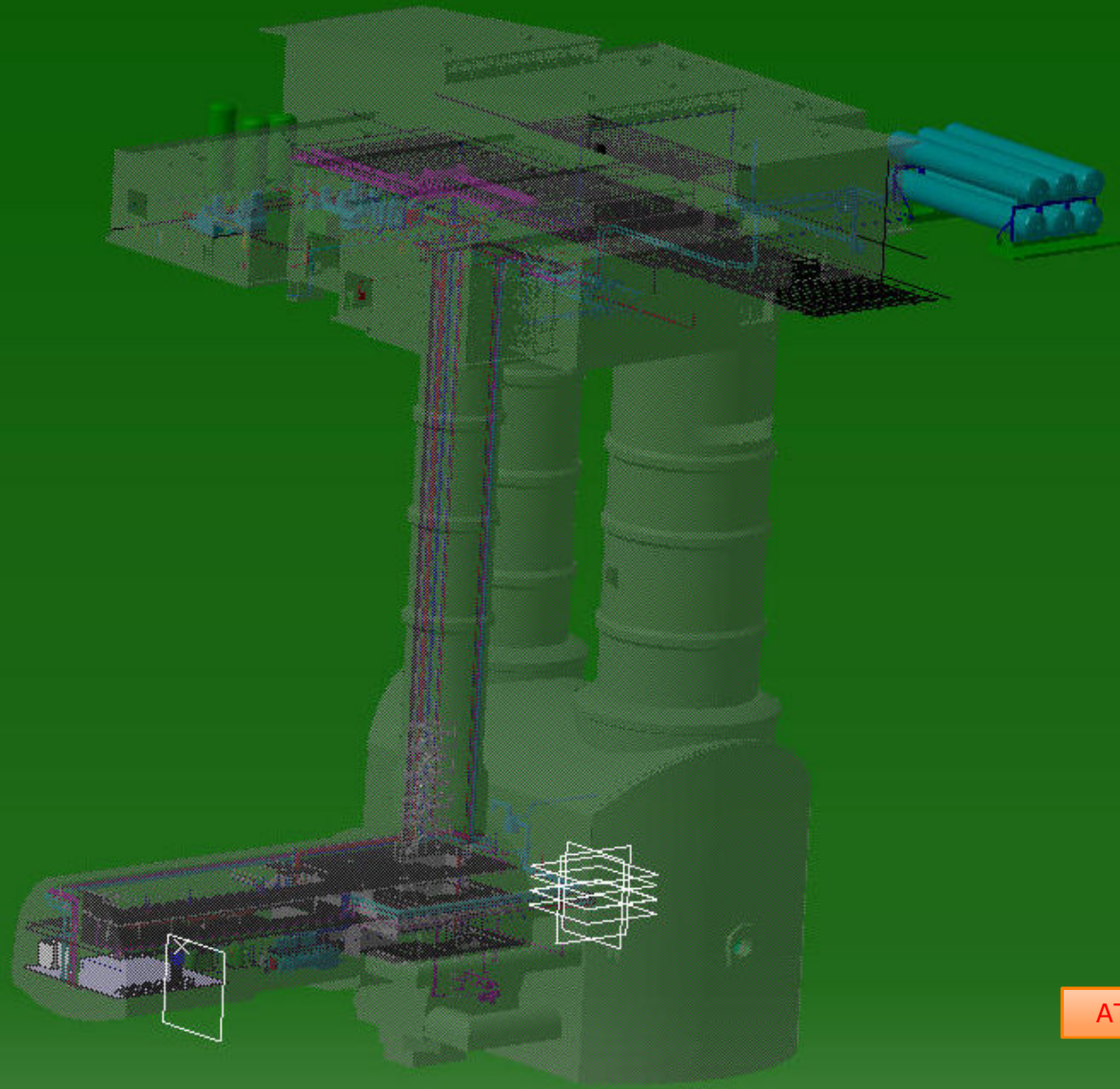
ALEX BITADZE

CERN- European Organization for Nuclear Research
ATLAS Experiment

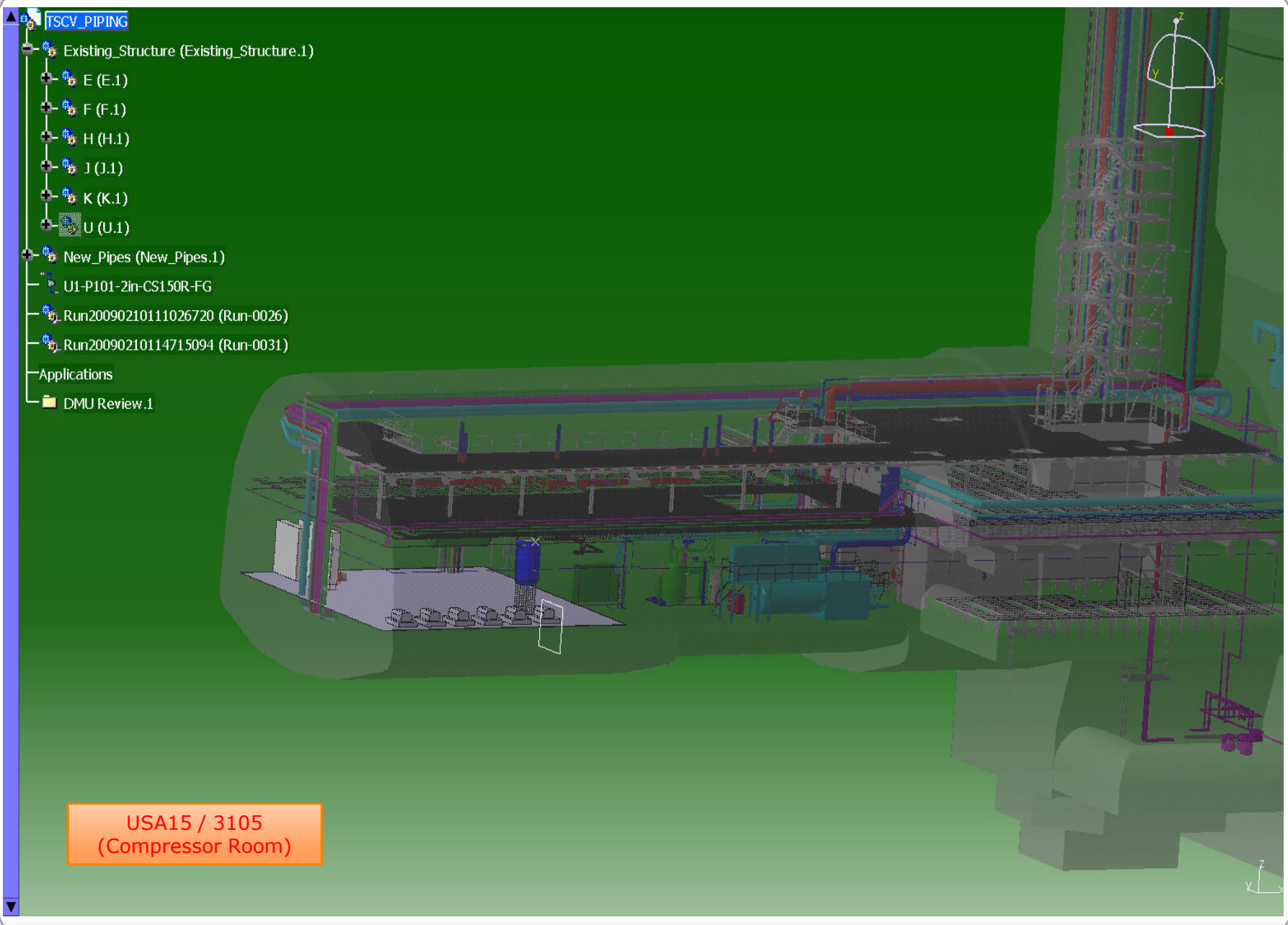
E-mail: Alexander.Bitadze@cern.ch

Home institute:

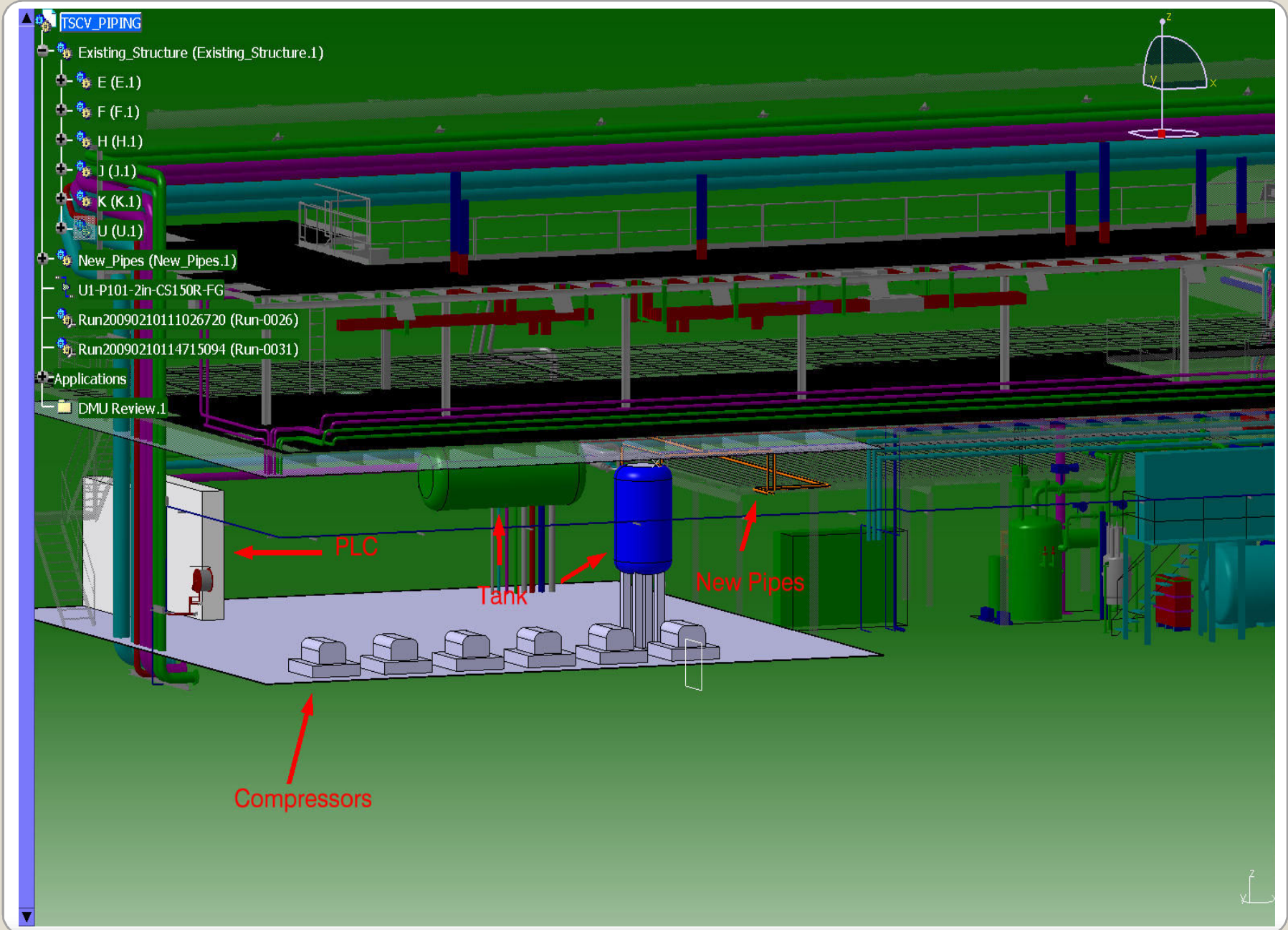
Department of Physics and Astronomy
University of Glasgow

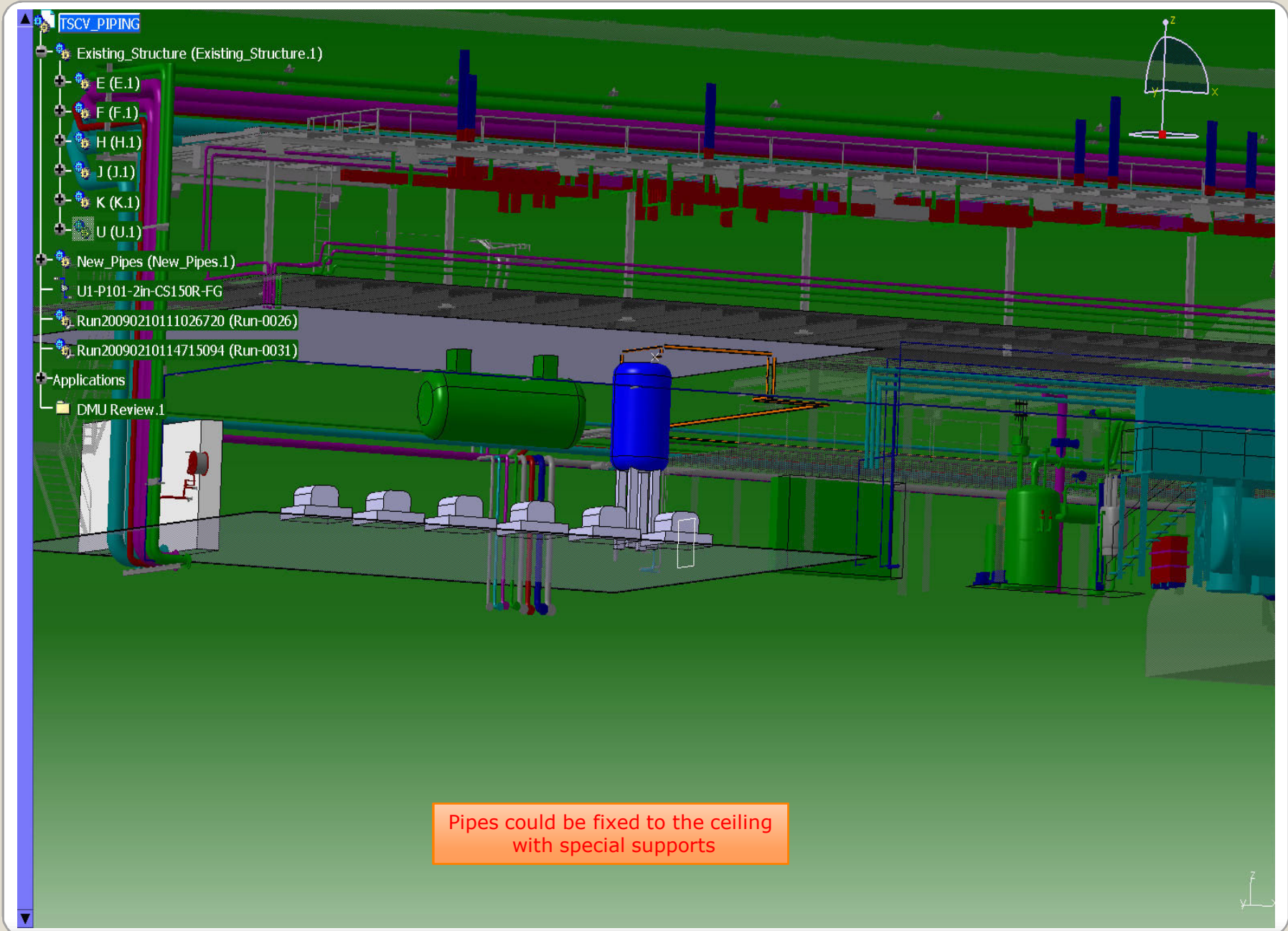


ATLAS Cavern



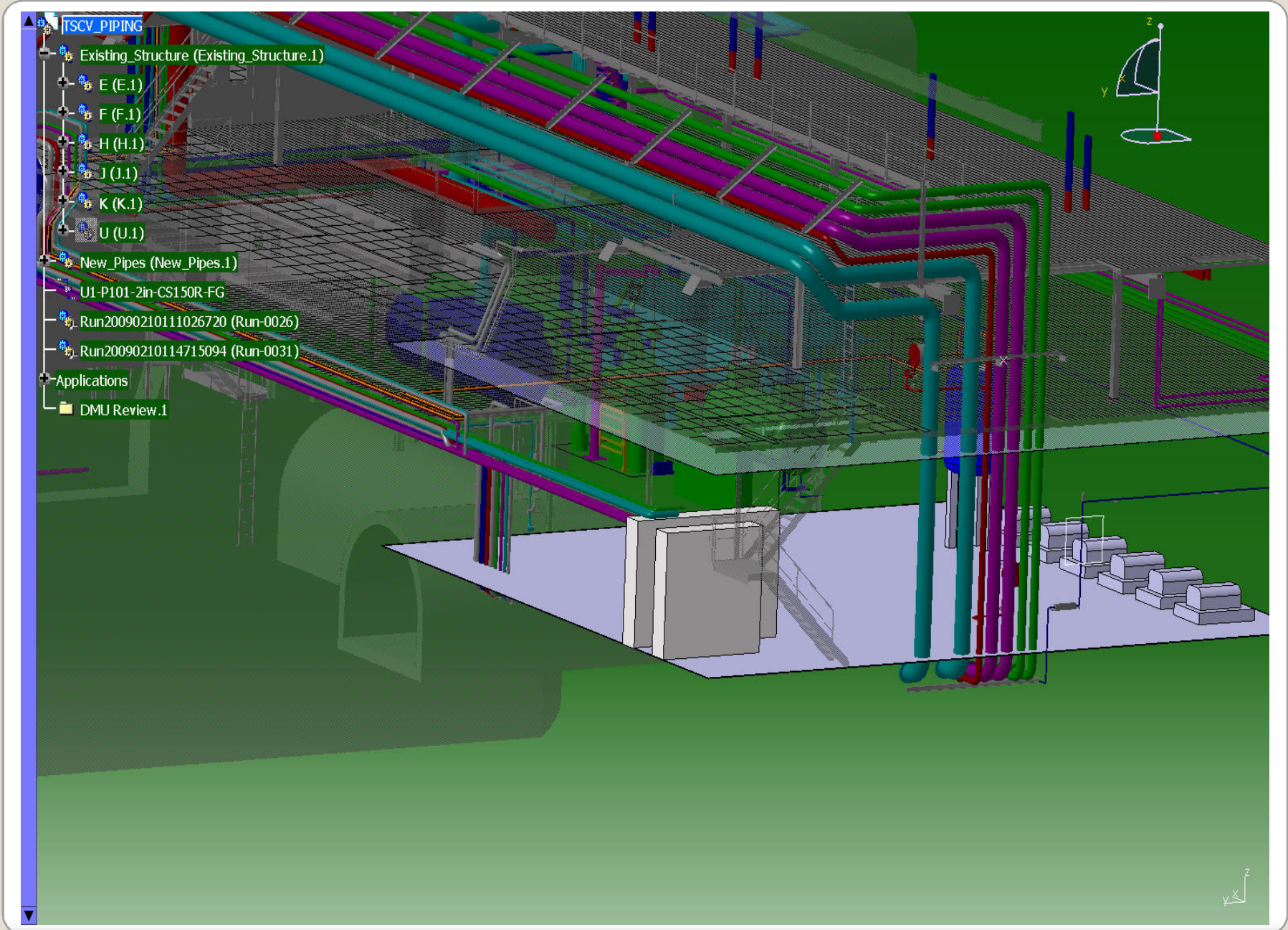
USA15 / 3105
(Compressor Room)

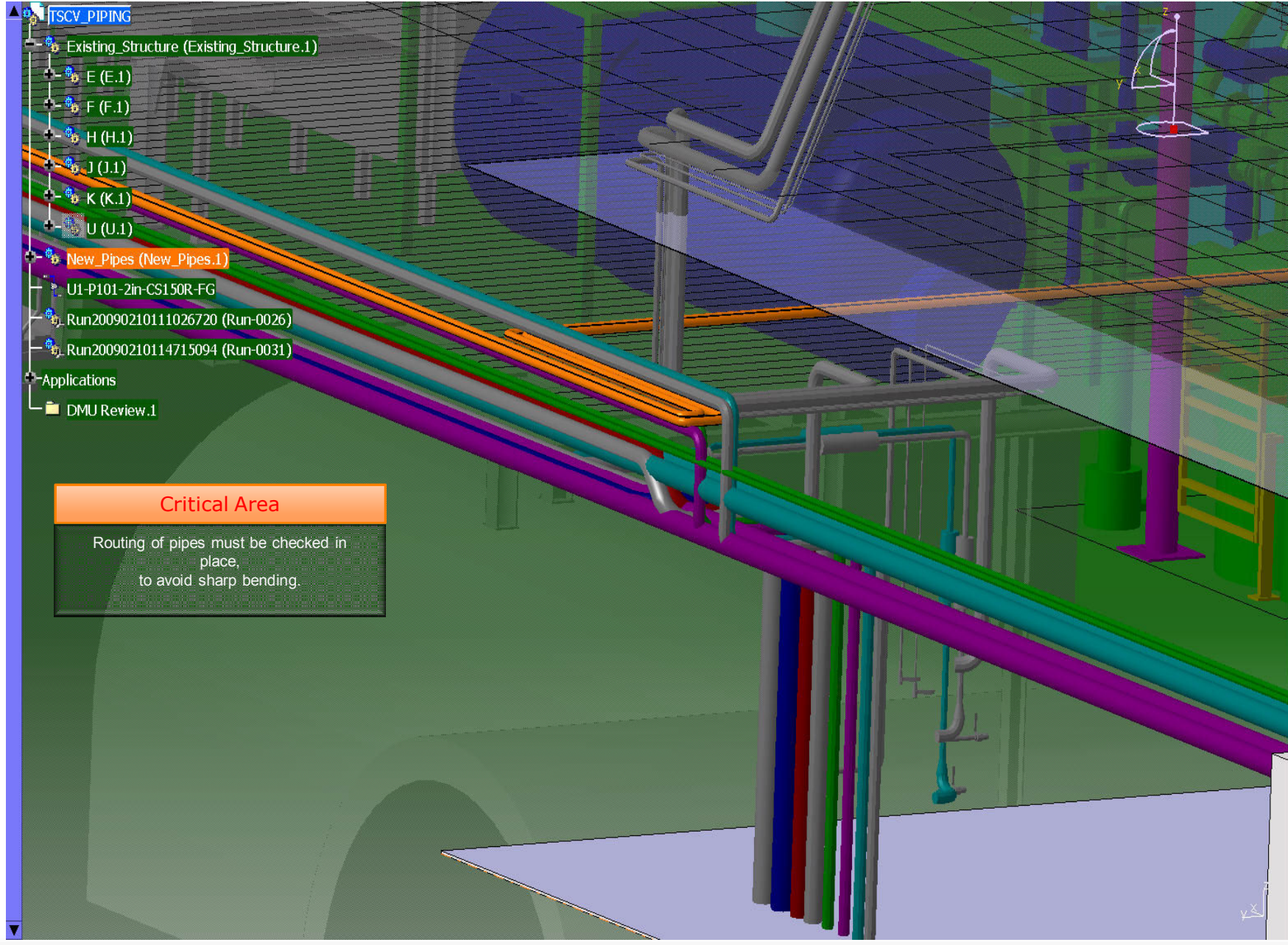




Pipes could be fixed to the ceiling with special supports

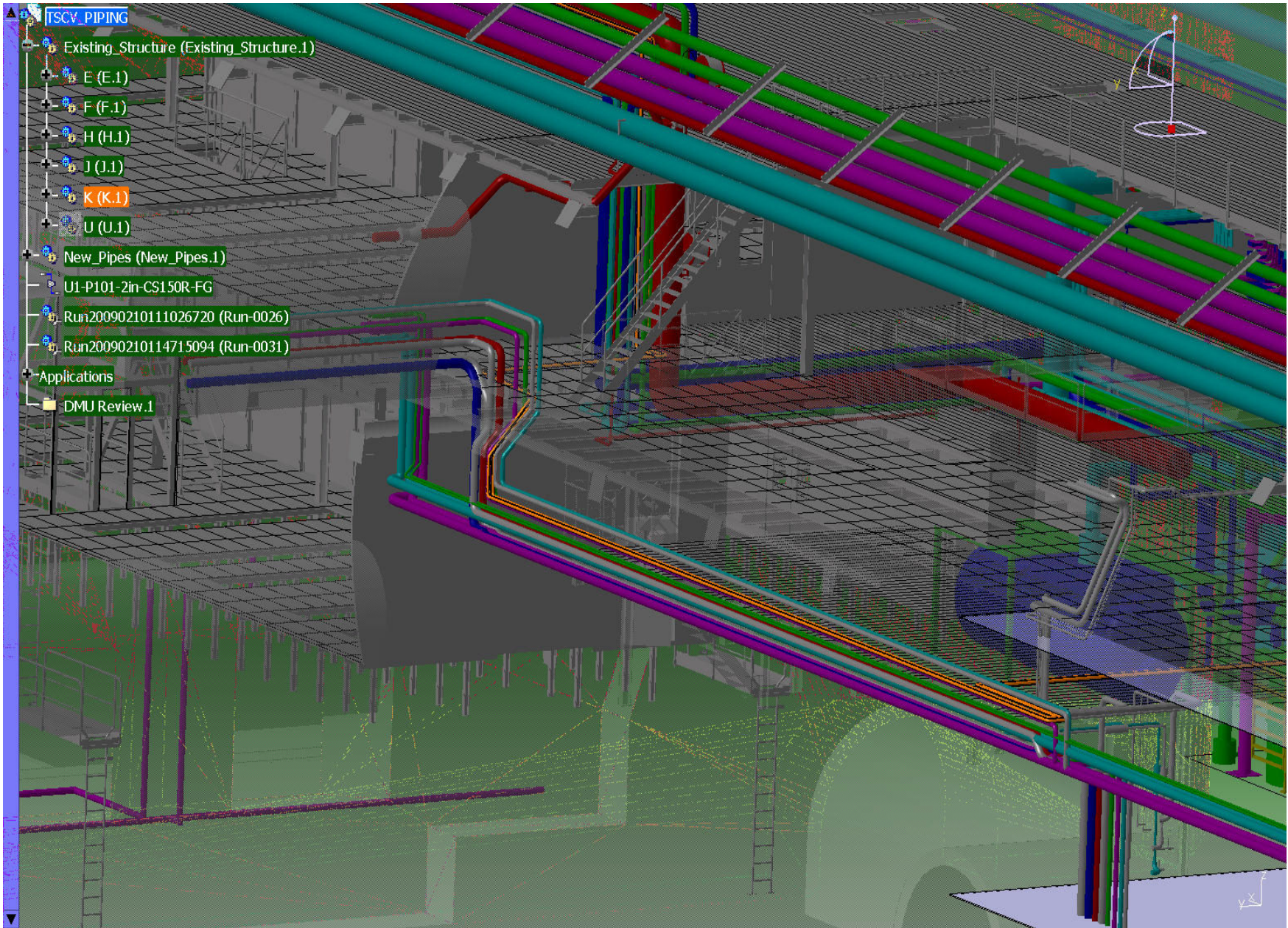






Critical Area

Routing of pipes must be checked in place, to avoid sharp bending.



TSCV_PIPING

Existing_Structure (Existing_Structure.1)

E (E.1)

F (F.1)

H (H.1)

J (J.1)

K (K.1)

U (U.1)

New_Pipes (New_Pipes.1)

U1-P101-2in-CS150R-FG

Run20090210111026720 (Run-0026)

Run20090210114715094 (Run-0031)

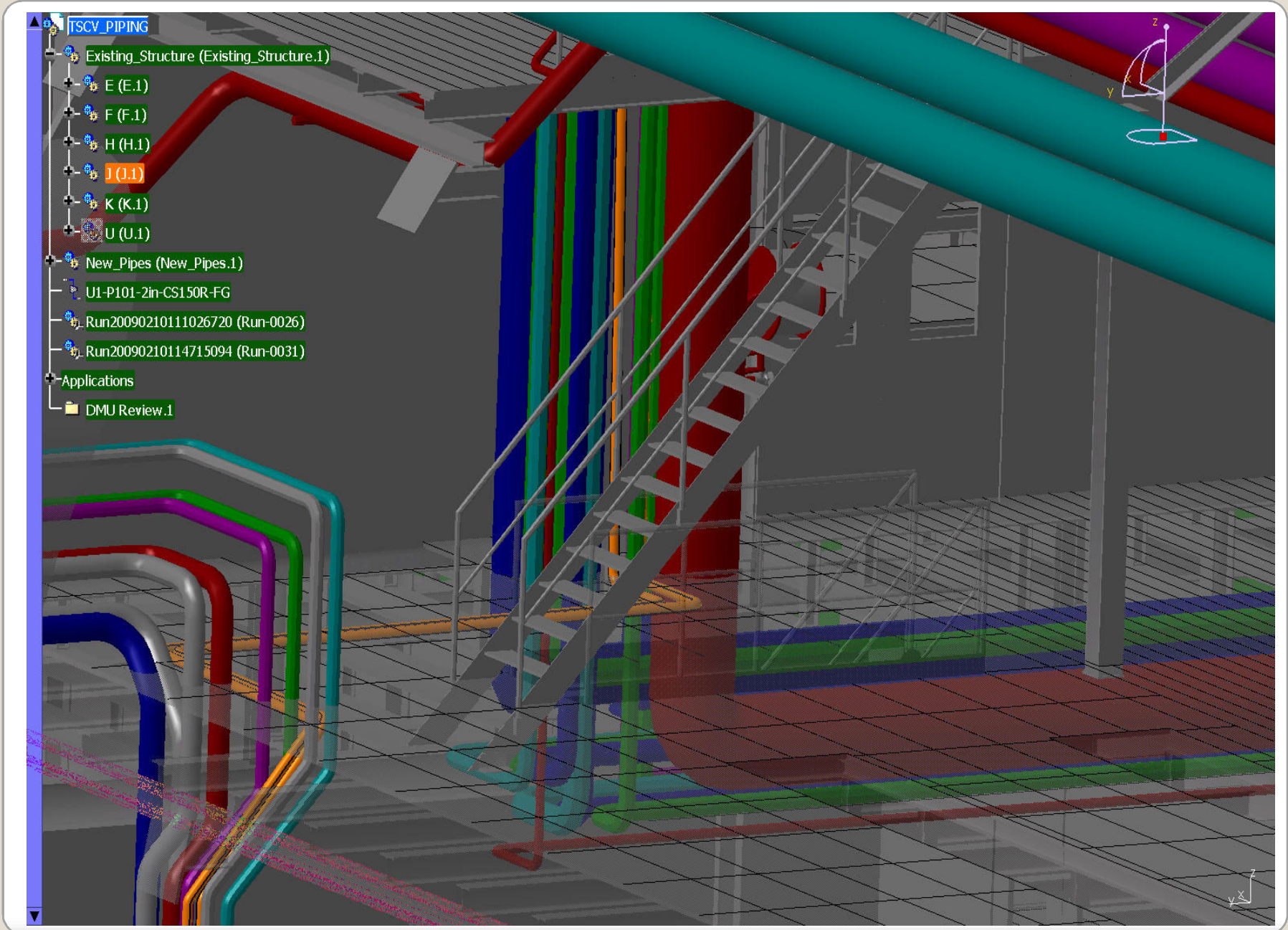
Applications

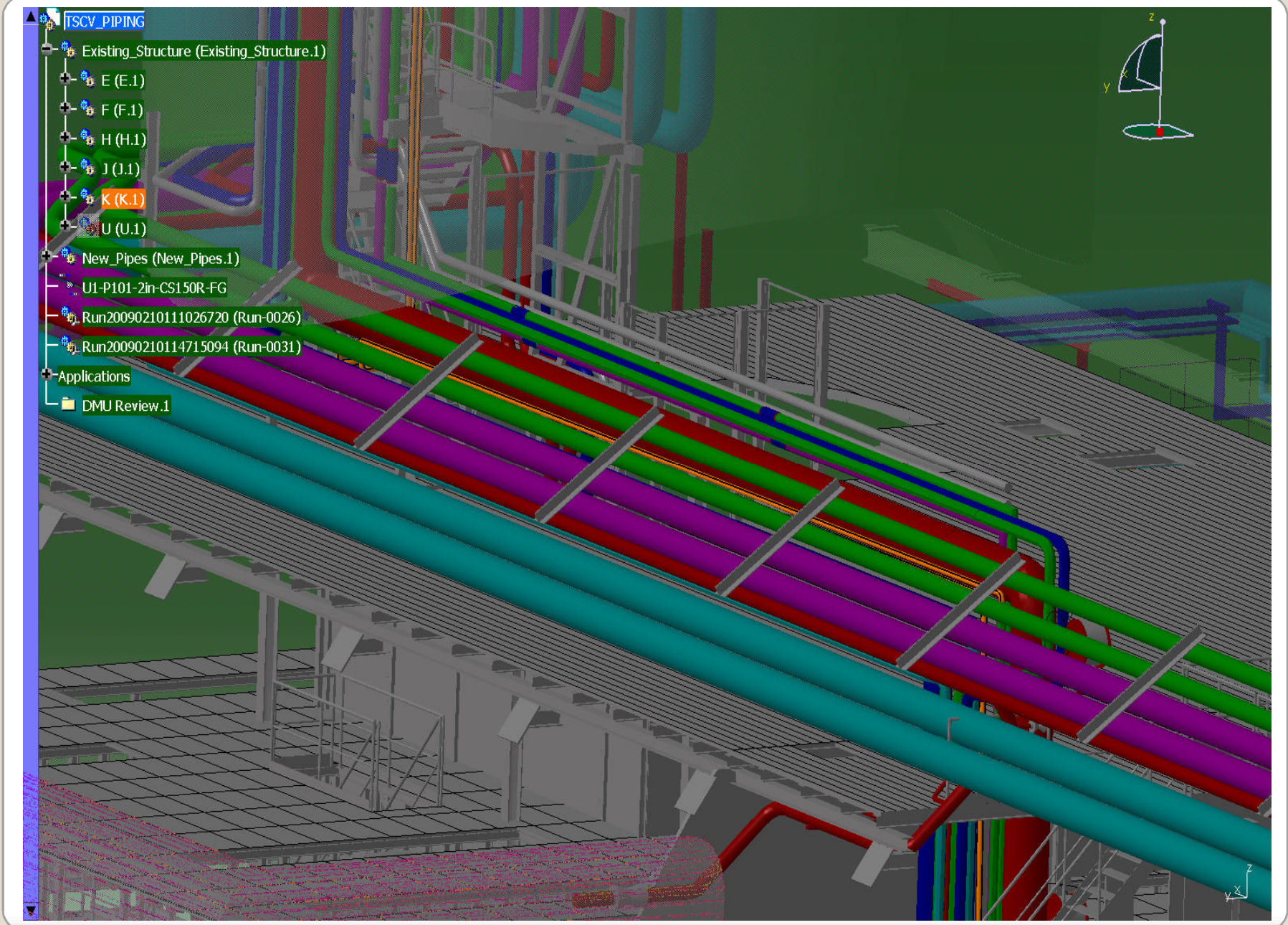
DMU Review.1

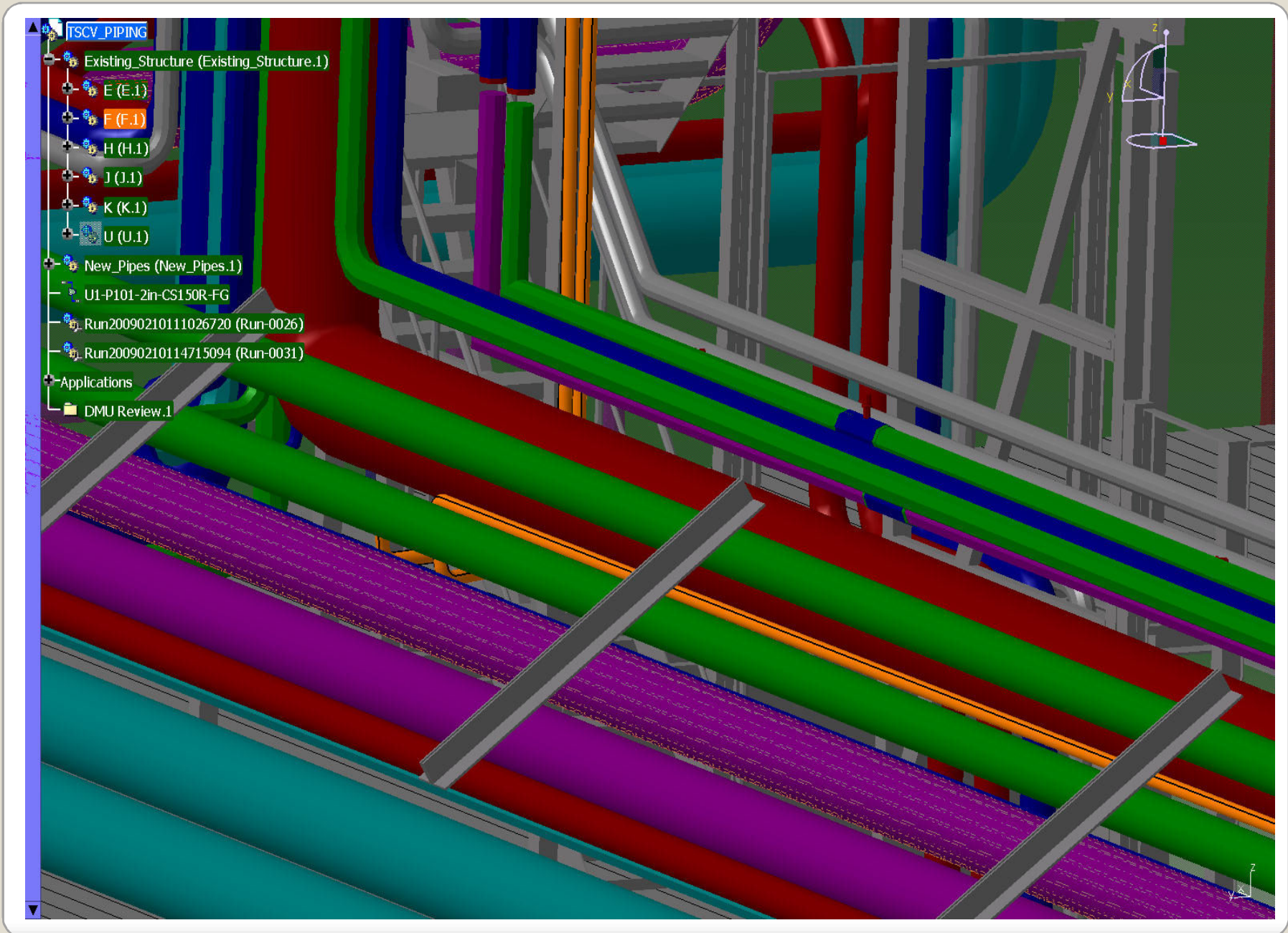
Level change

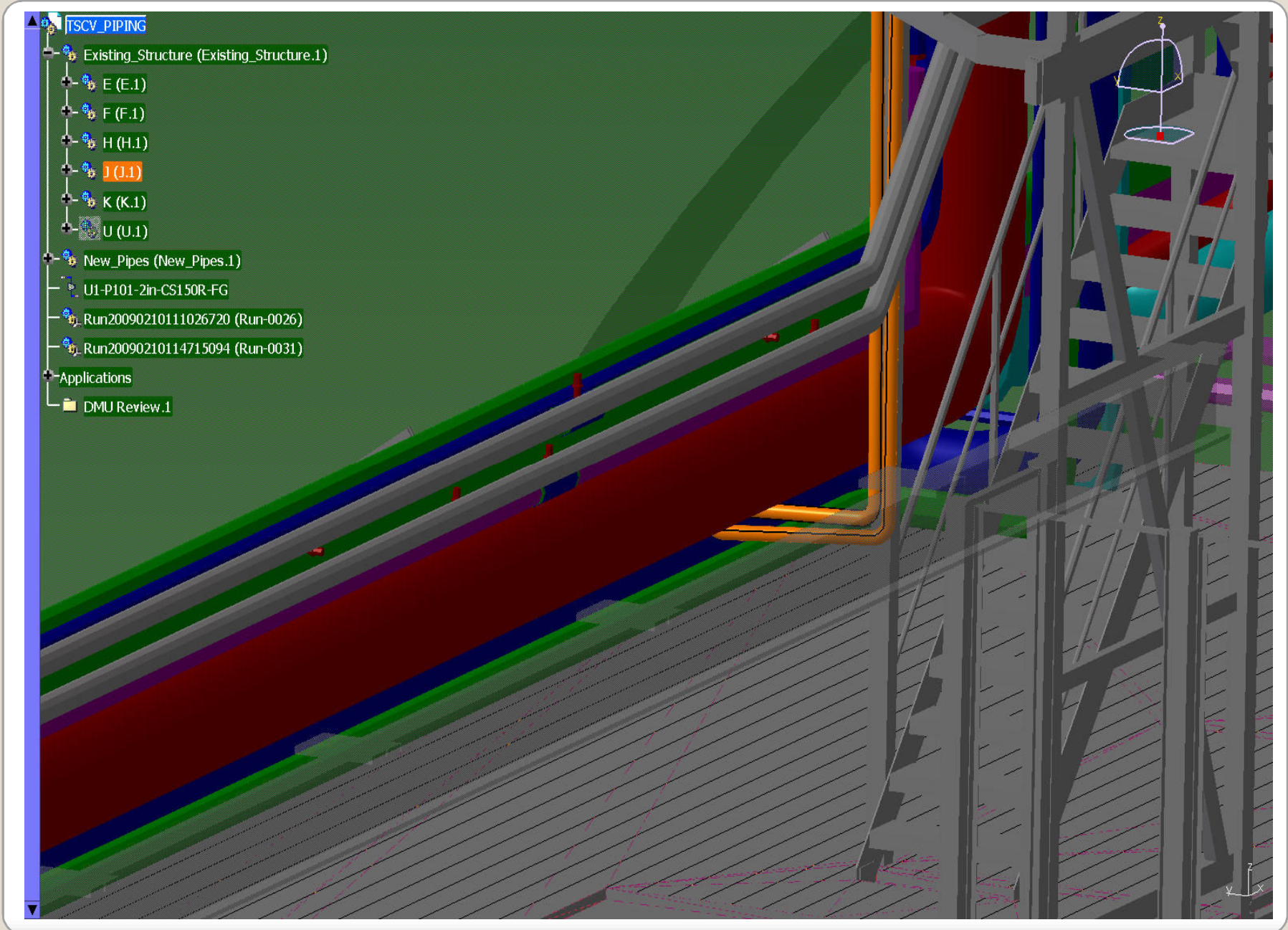
From A1 to A2





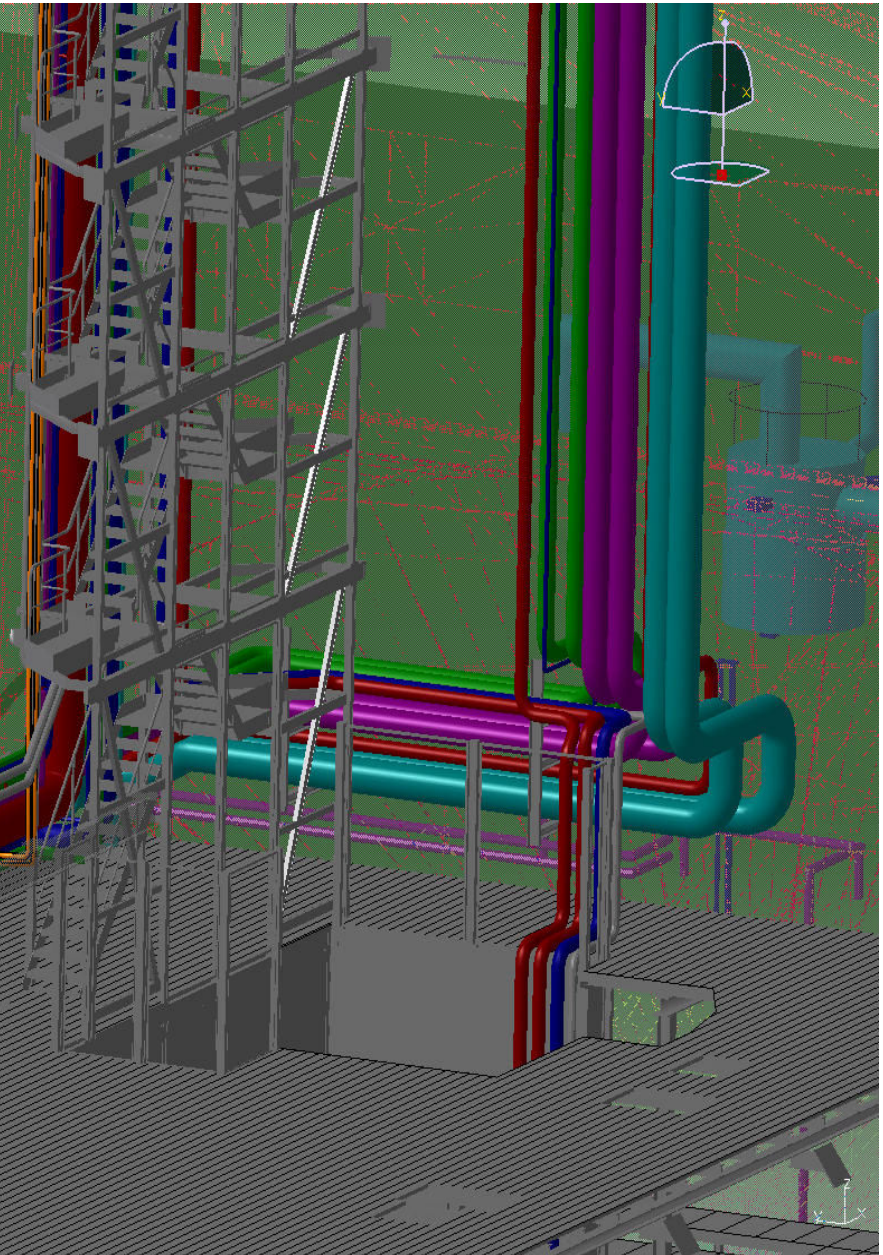


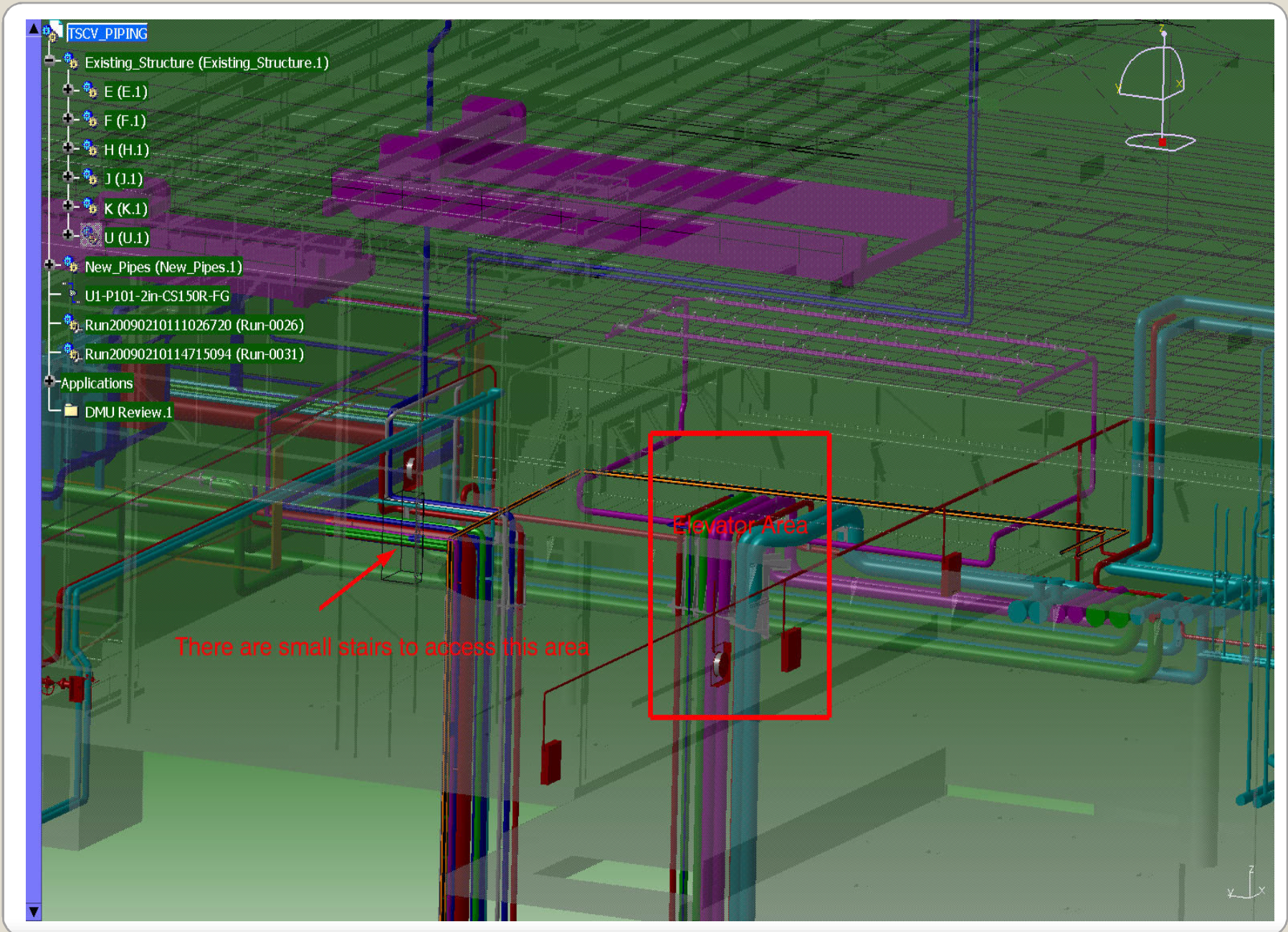




FSCV_PIPING

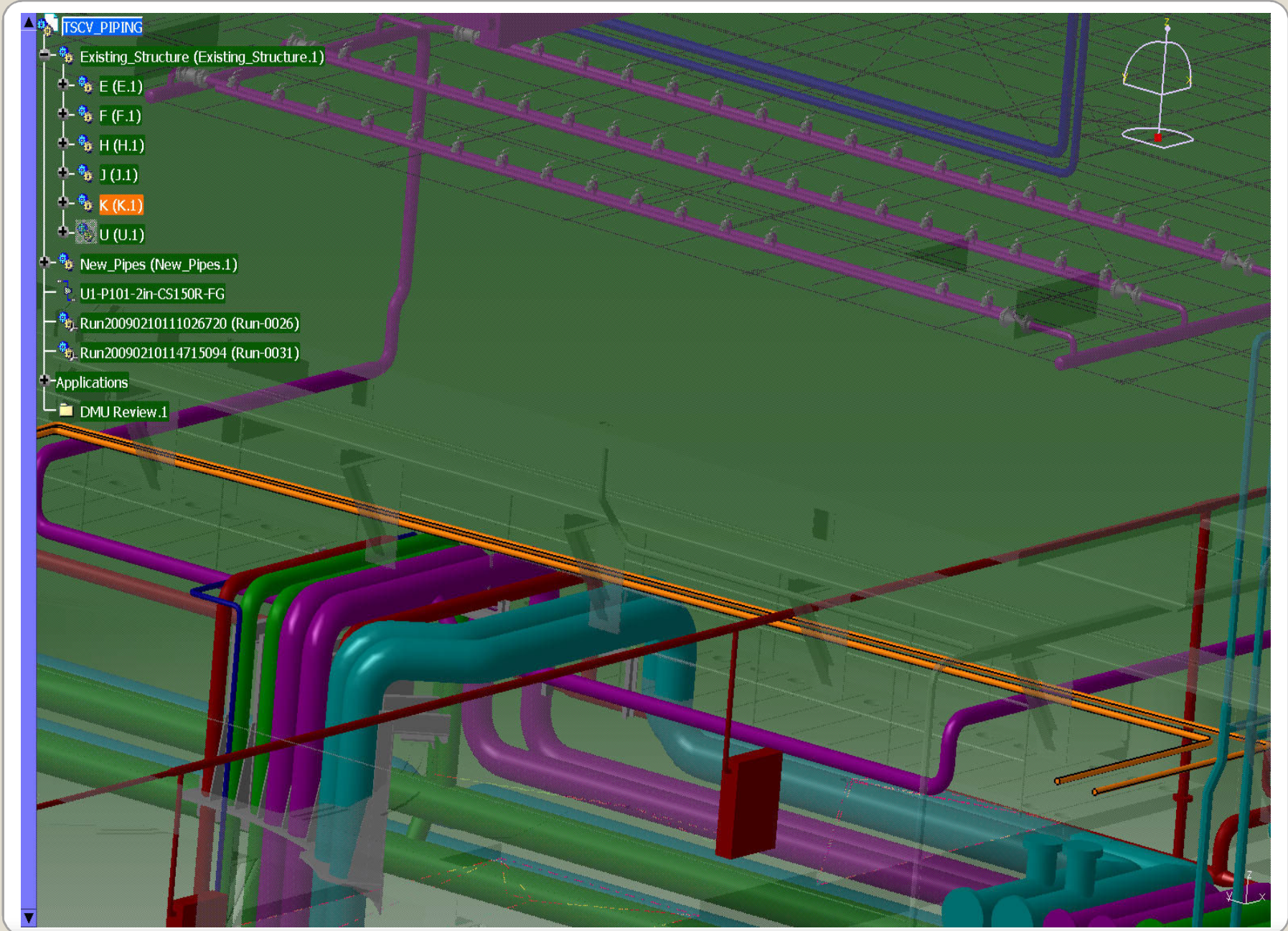
- Existing_Structure (Existing_Structure.1)
 - E (E.1)
 - F (F.1)
 - H (H.1)
 - J (J.1)
 - K (K.1)**
 - U (U.1)
- New_Pipes (New_Pipes.1)
 - U1-P101-2in-CS150R-FG
 - Run20090210111026720 (Run-0026)
 - Run20090210114715094 (Run-0031)
- Applications
 - DMU Review.1

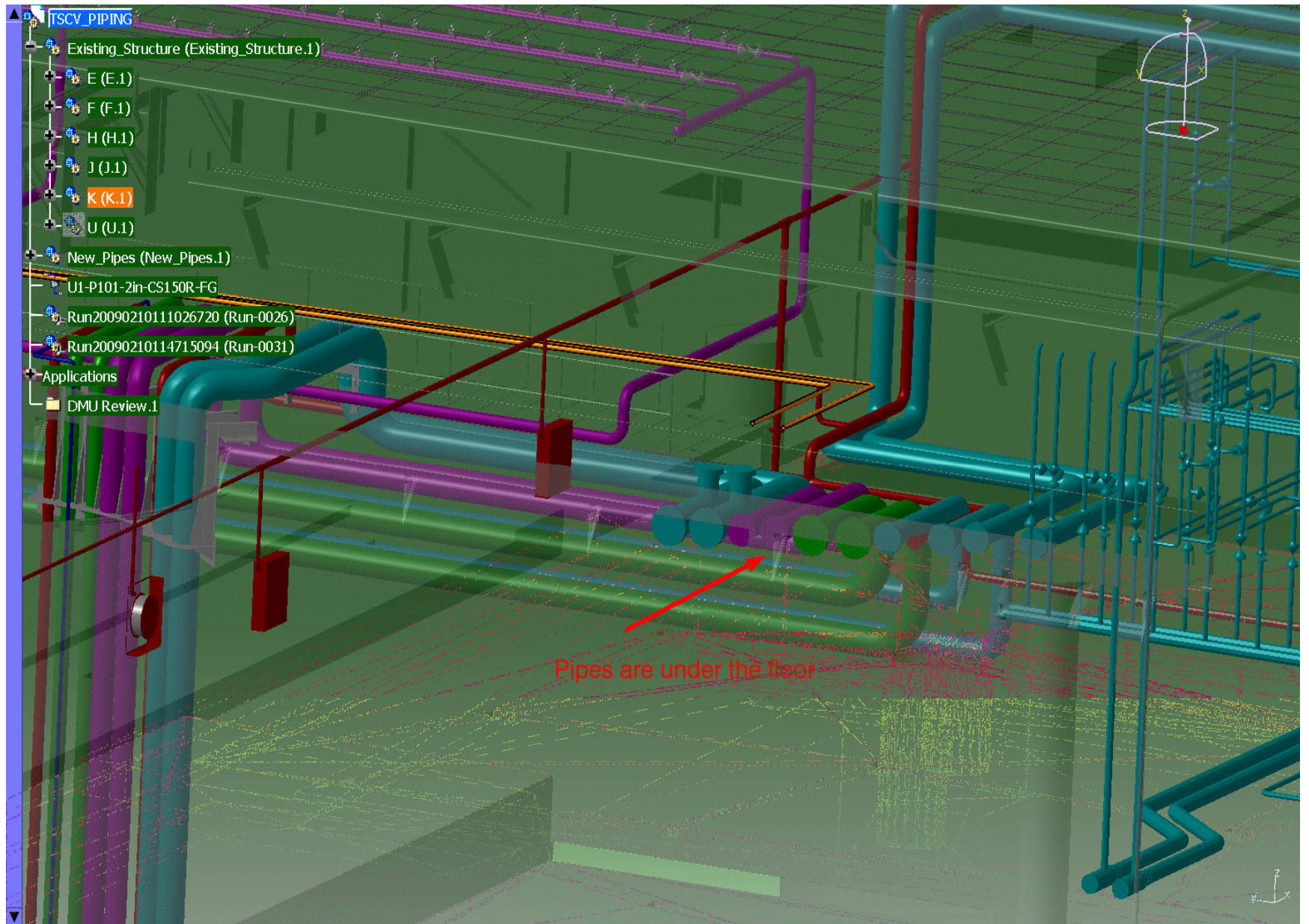




There are small stairs to access this area

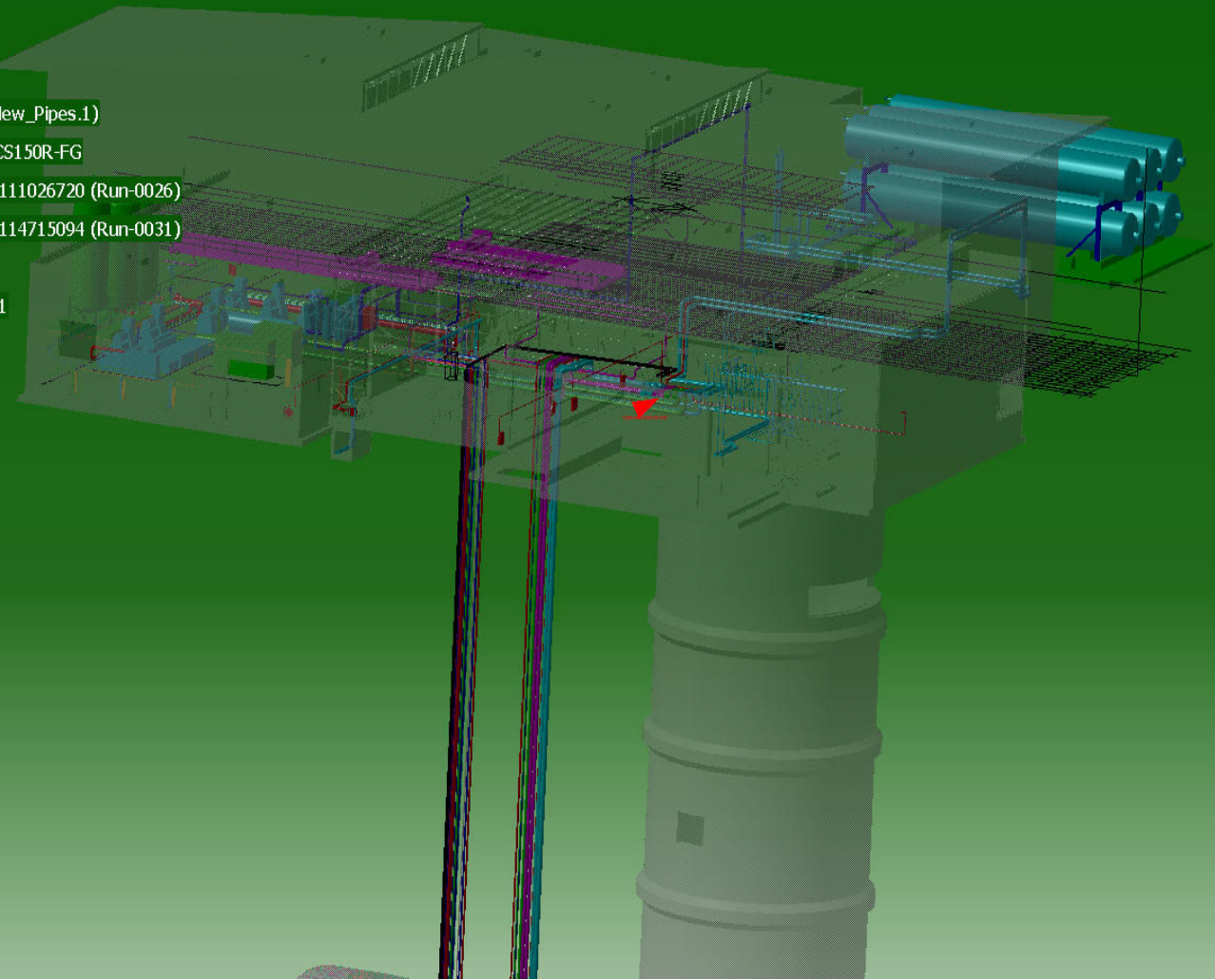
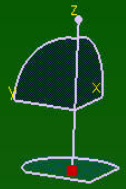
Elevator Area





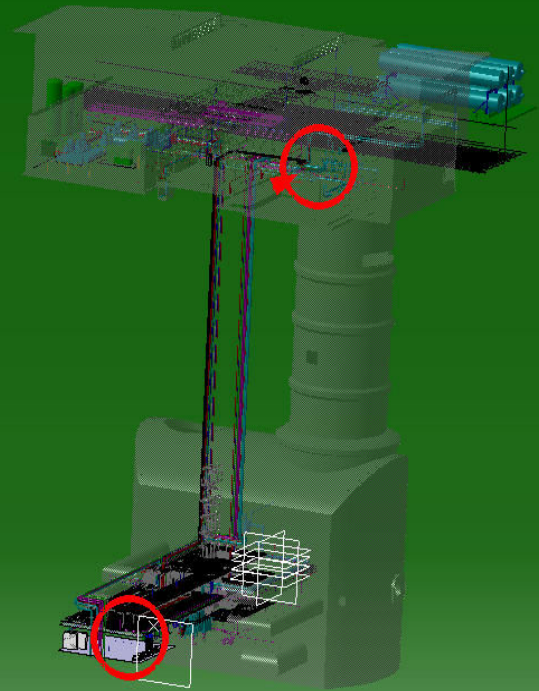
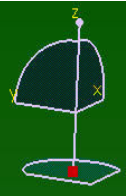
TSCV_PIPING

- Existing_Structure (Existing_Structure.1)
- E (E.1)
- F (F.1)
- H (H.1)
- J (J.1)
- K (K.1)**
- U (U.1)
- New_Pipes (New_Pipes.1)
 - U1-P101-2in-CS150R-FG
 - Run20090210111026720 (Run-0026)
 - Run20090210114715094 (Run-0031)
- Applications
 - DMU Review.1



TSCV_PIPING

- Existing_Structure (Existing_Structure.1)
 - E (E.1)
 - F (F.1)
 - H (H.1)
 - J (J.1)
 - K (K.1)
 - U (U.1)
- New_Pipes (New_Pipes.1)
 - U1-P101-2in-CS150R-FG
 - Run20090210111026720 (Run-0026)
 - Run20090210114715094 (Run-0031)
- Applications
 - DMU Review.1



Total Length of Pipes:

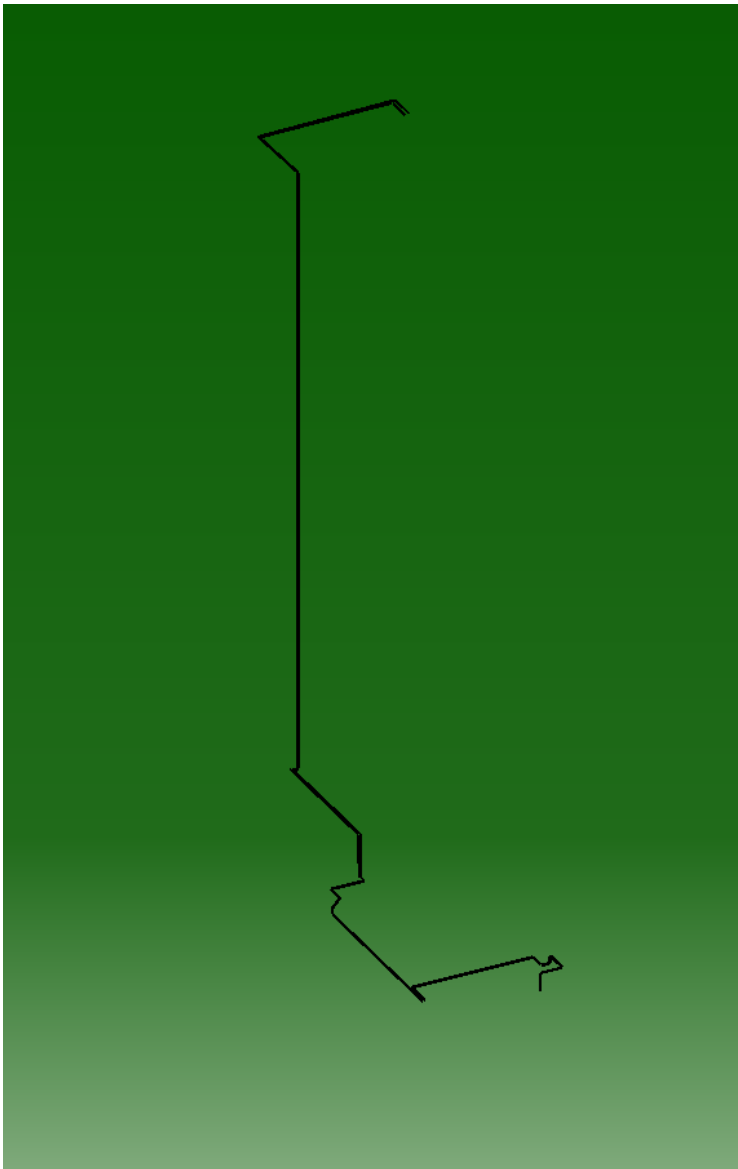
~185m

~177m

Outer Diameter of Pipes:

Inlet Line: 65mm

Outlet Line: 65mm



**Thank You For Your
Attention**

A.BITADZE