

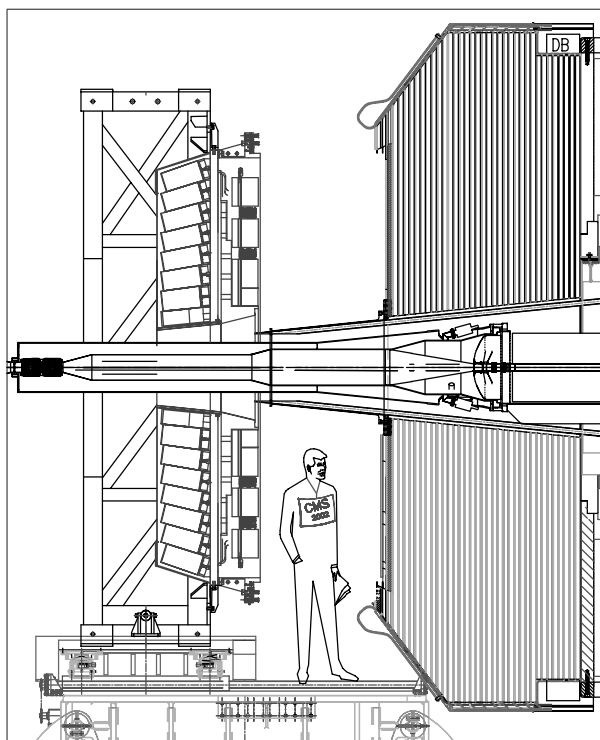
CERN CMS

EE Workshop, March,12–14,2002

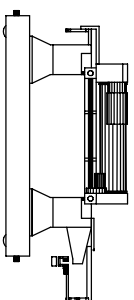
EE Assembly, Installation, Maintenance

General Scenario

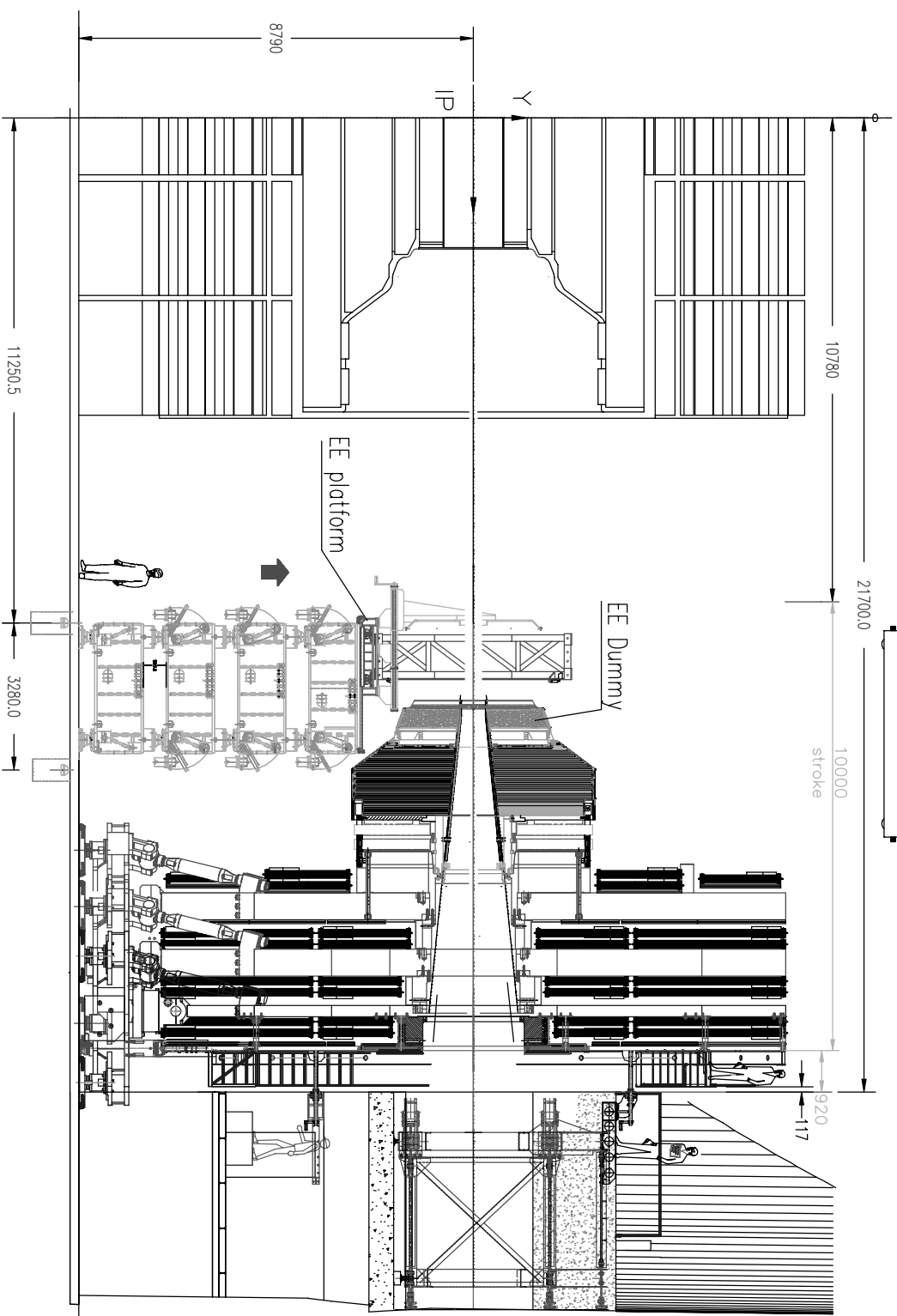
A.Surkov



CERN,CMS Working Group for Engineering
and Integration



(-) Endcap



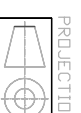
SE/EE (EE Dummy) installation

ACAD version: 14 Date:10.03.02

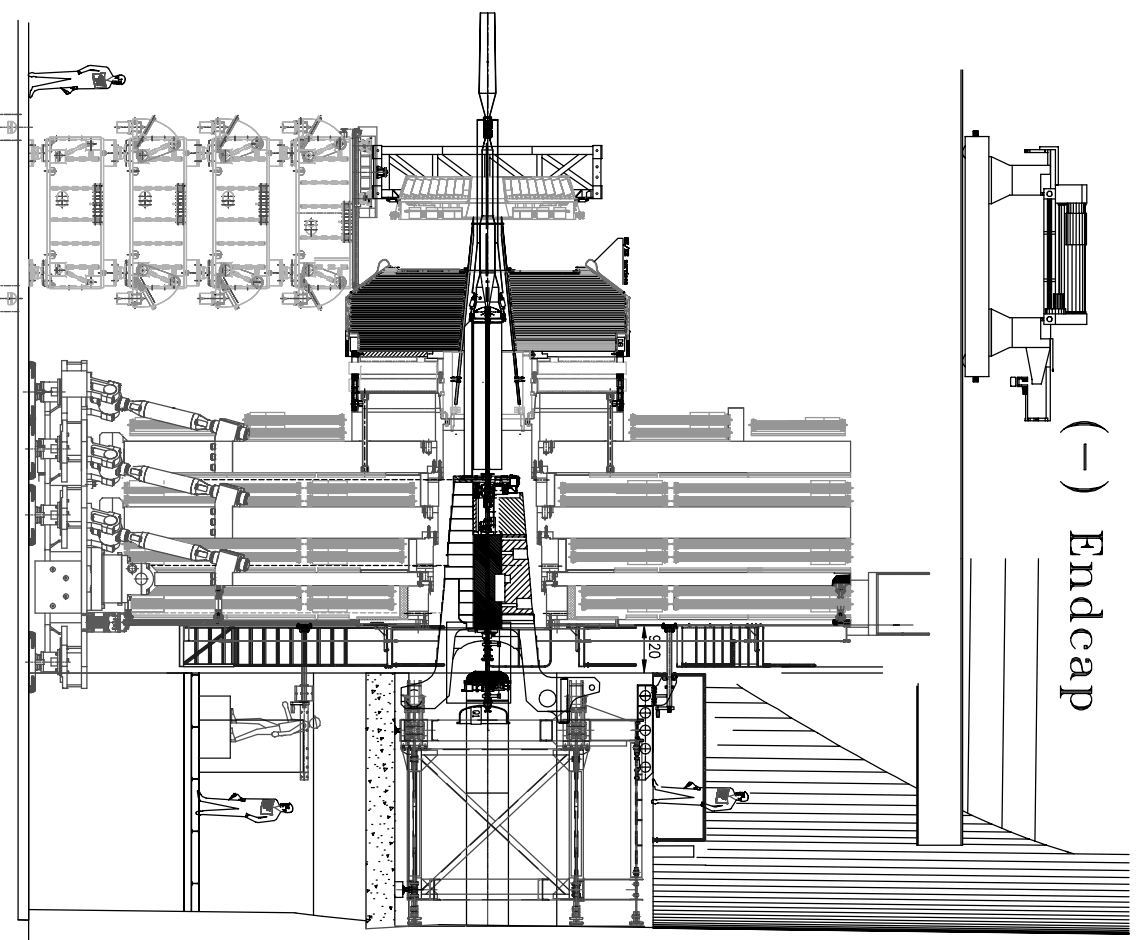
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CMS Endcap Detectors

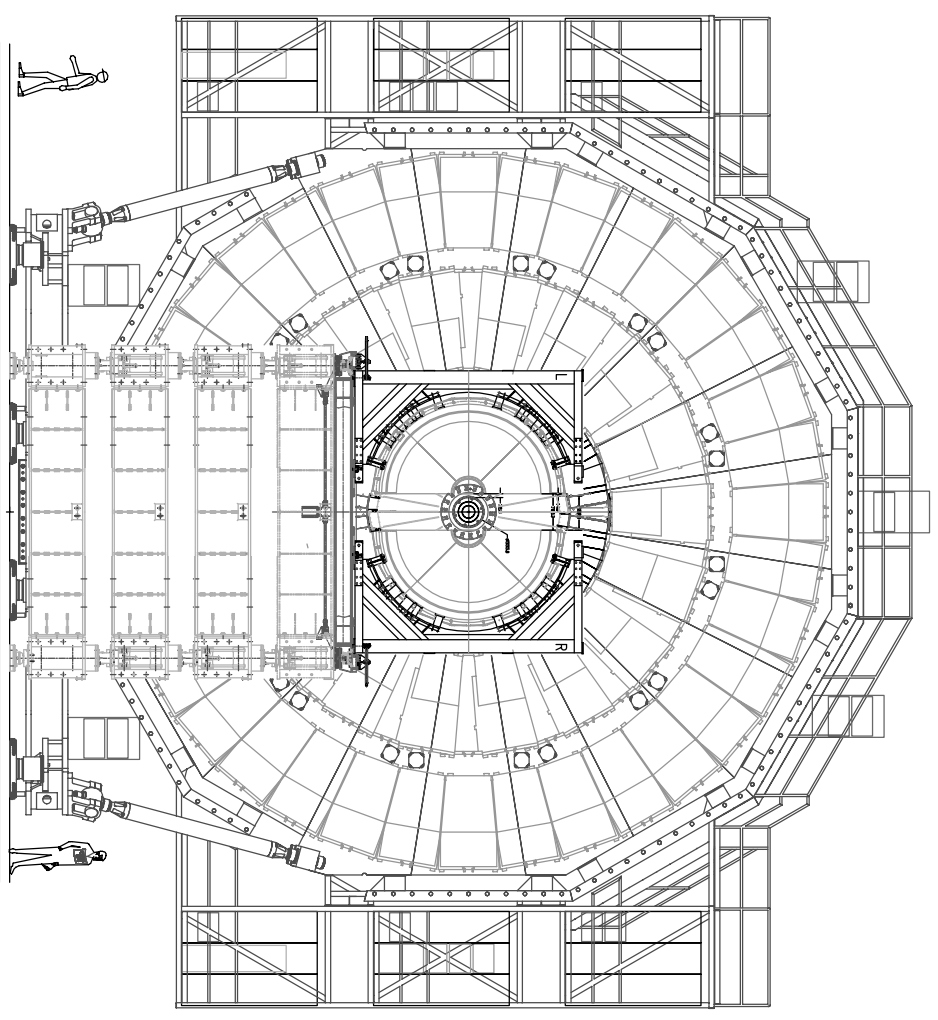
CERN, Integration Group of CMS. A.Surkov



(-) Endcap



EE installation



EE installation in
beam pipe position



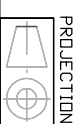
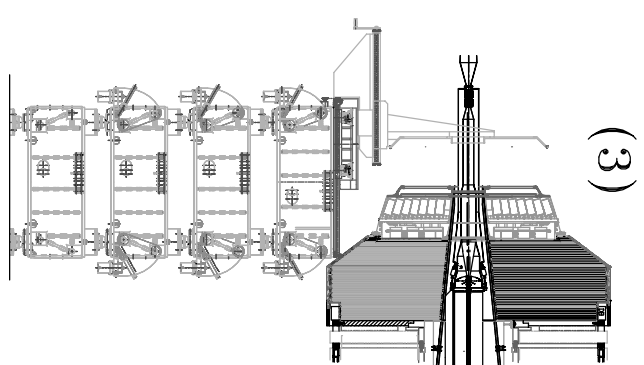
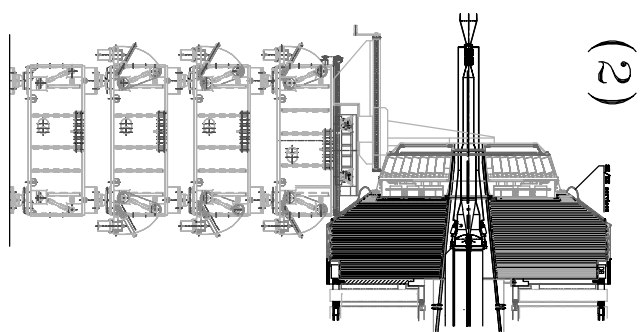
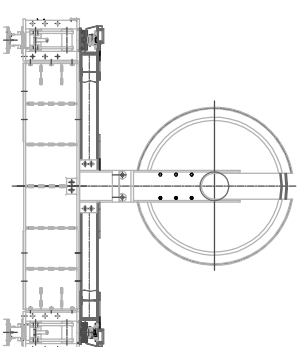
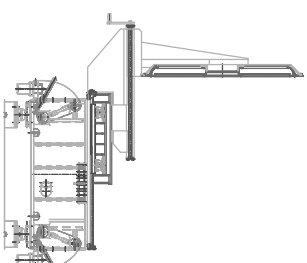
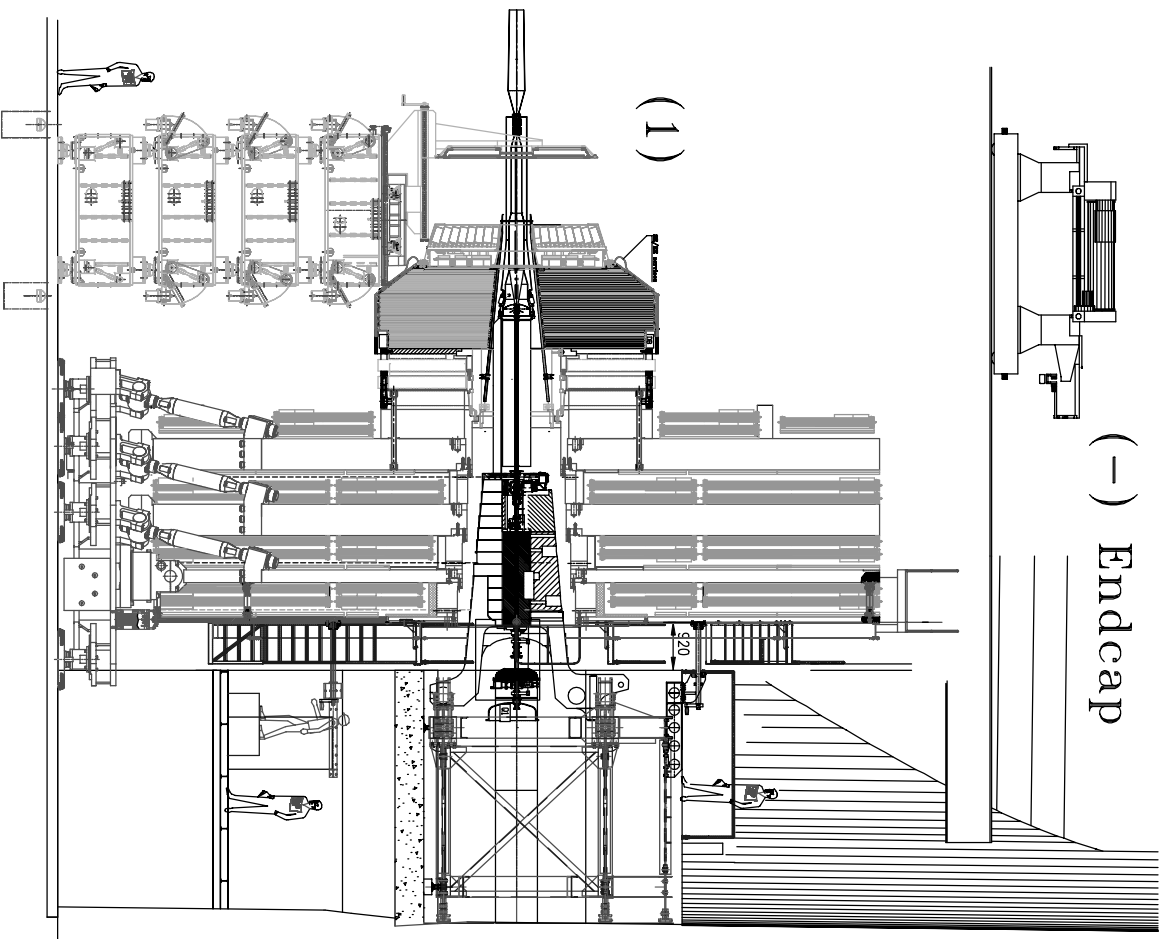
ACAD version: 14 Date: 07.03.02

File name: EEass047.dwg

CMS Endcap Detectors

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(-) Endcap



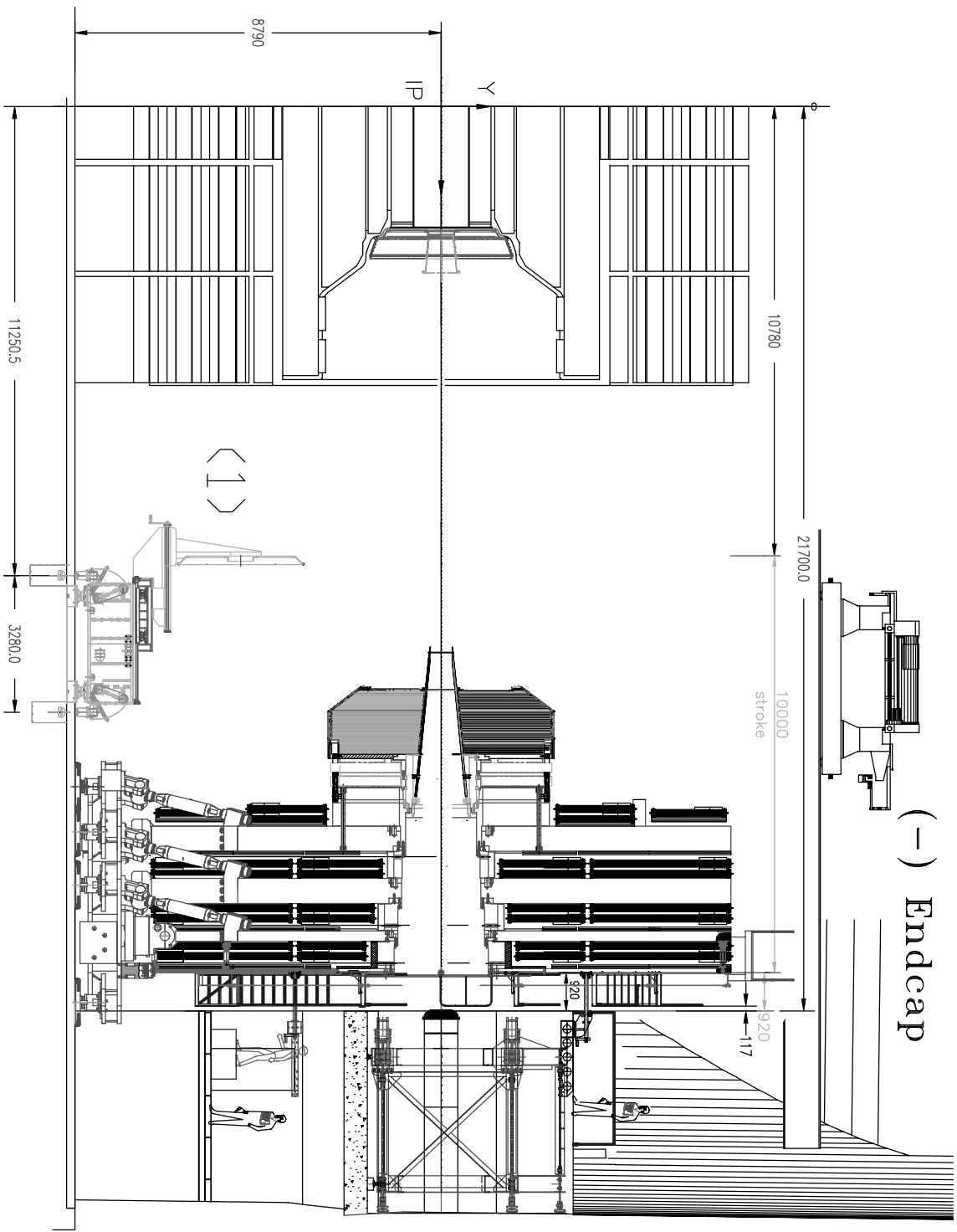
EE/SE installation in
final position

ACAD version: 14 Date: 08.03.02

File name: EEass049.dwg

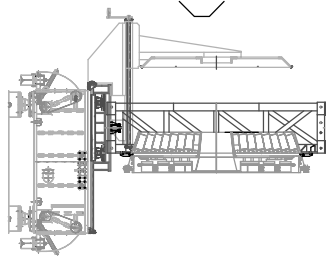
CMS Endcap Detectors

CERN, Integration Group of CMS. A.Surkov

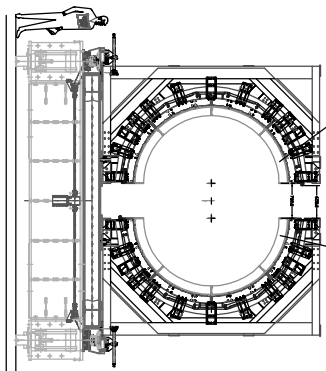


(-) Endcap

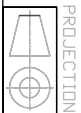
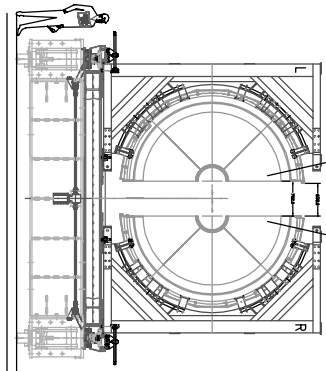
(2)



Dummy



Dees



SE tool, EE (EE Dummy) installation
on riser

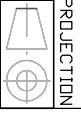
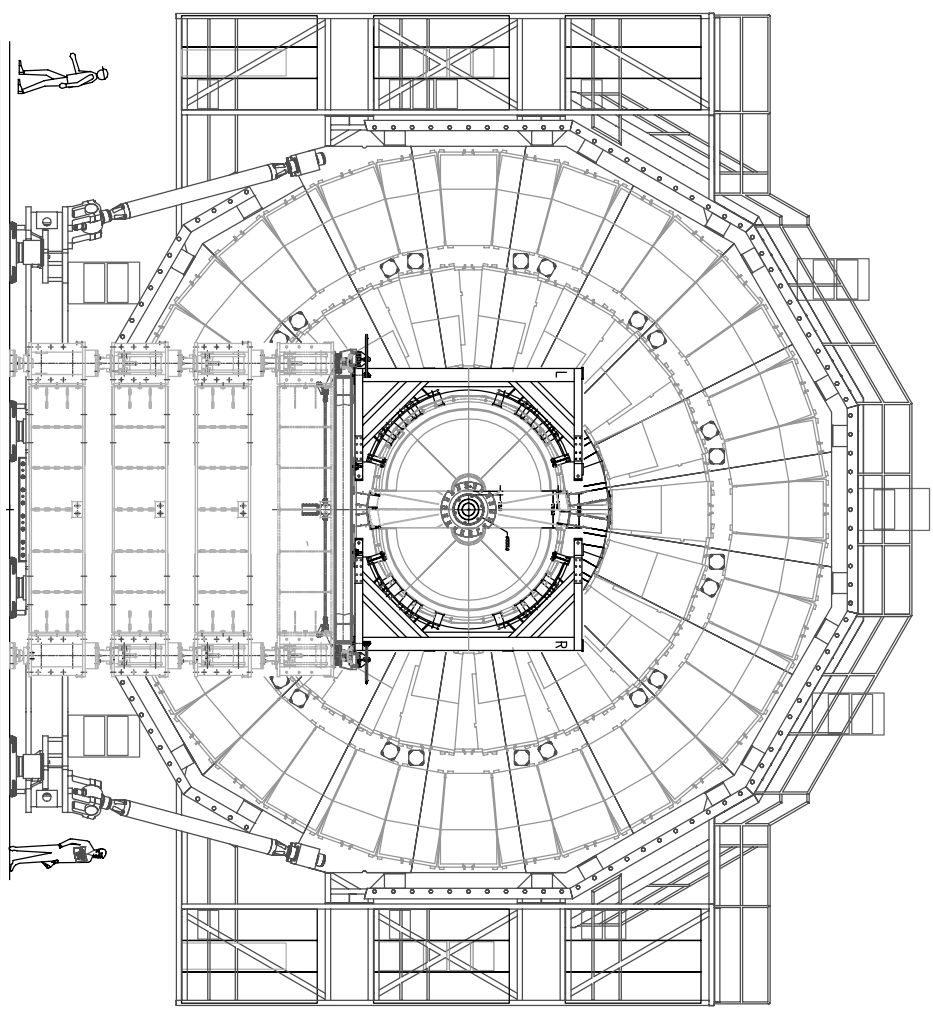
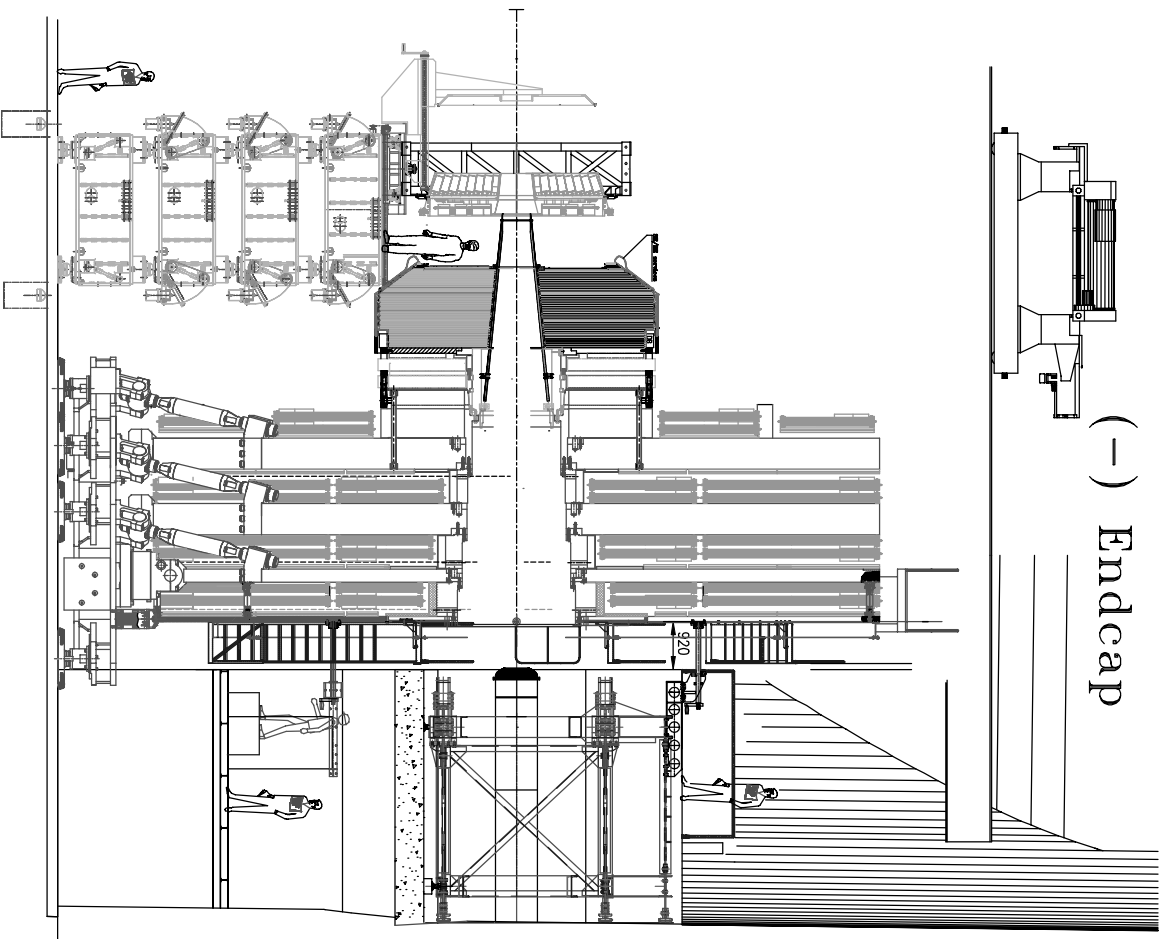
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File name: EEass050.dwg

CMS Endcap Detectors

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(-) Endcap



EE installation in
beam pipe position

ACAD version: 14 Date: 11.03.02

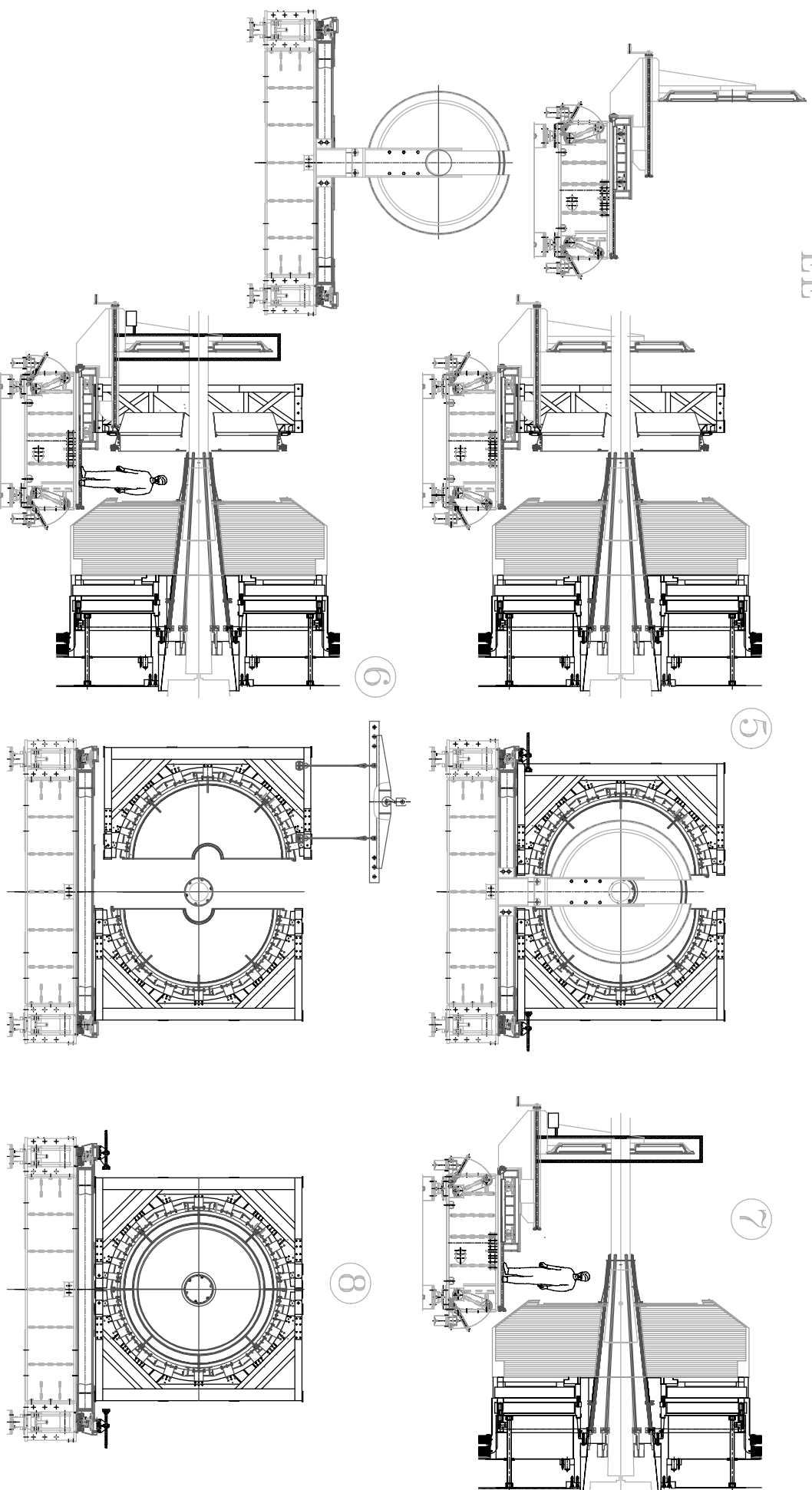
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CMS Endcap Detectors

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—EE

Preliminary



SE/EE maintenance

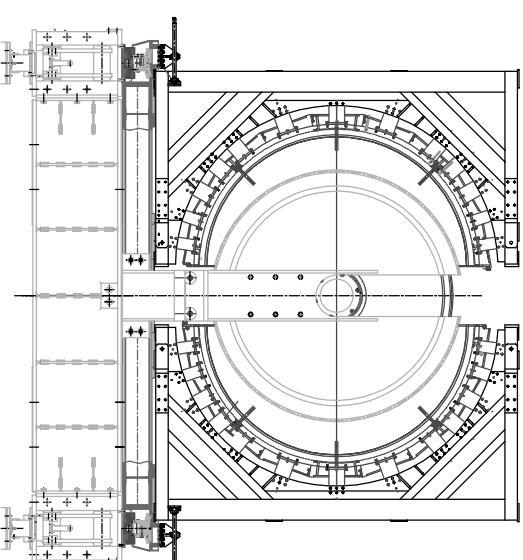
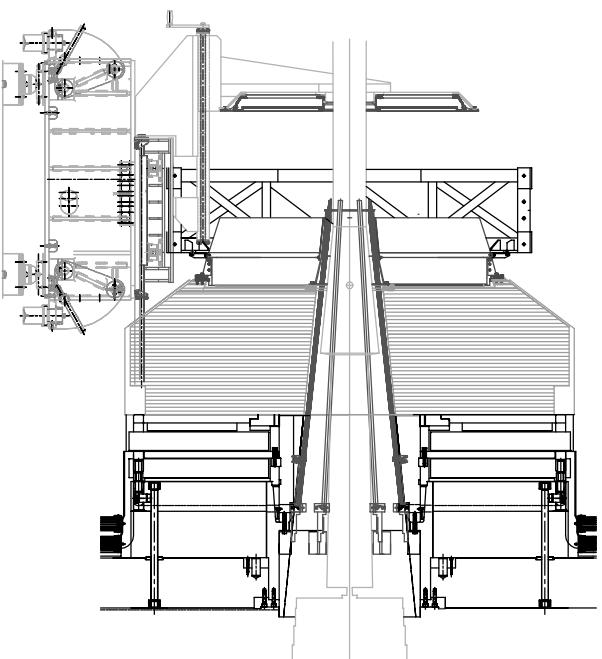
ACAD version: 14 | Date: 17.08.01

File name: Eeass062(4).dwg

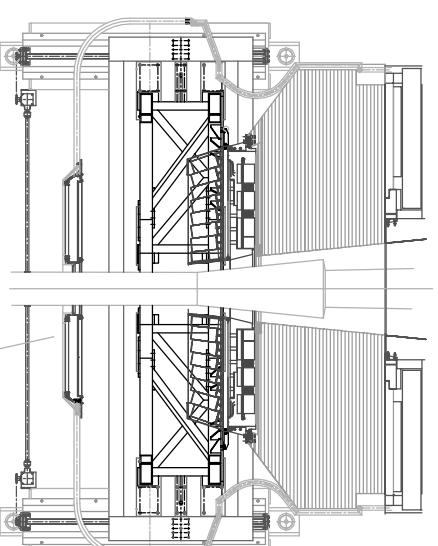
CMS End Cap Detectors

CERN, Integration group of CMS, A.Surkov

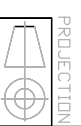




LHC shut down
SE cooling
Option II



T=0-5°C Temporary t. screen



PROJECTION

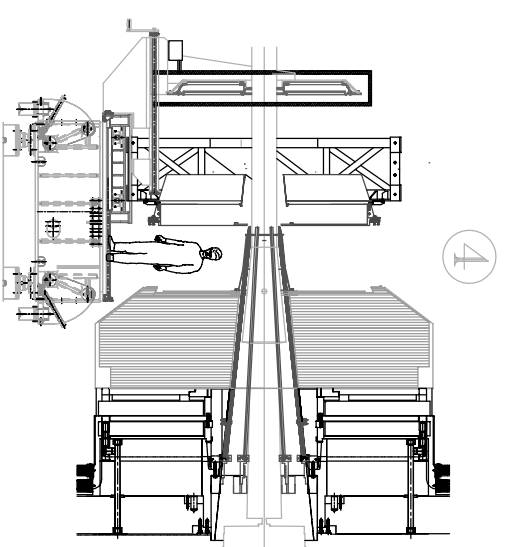
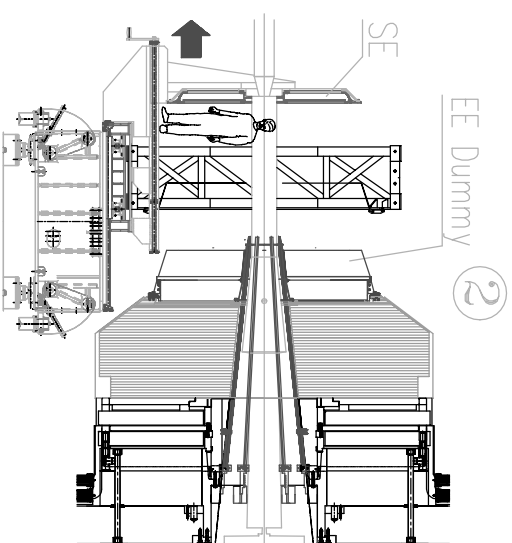
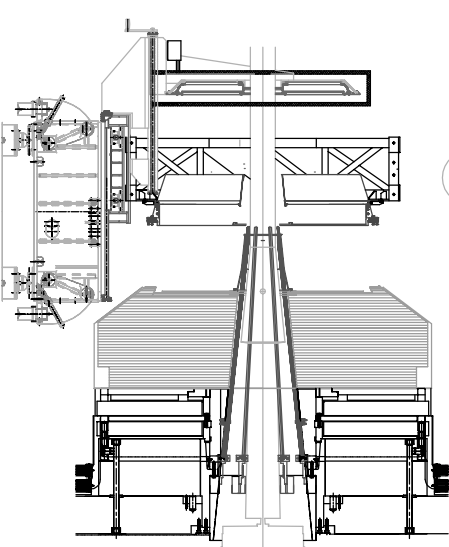
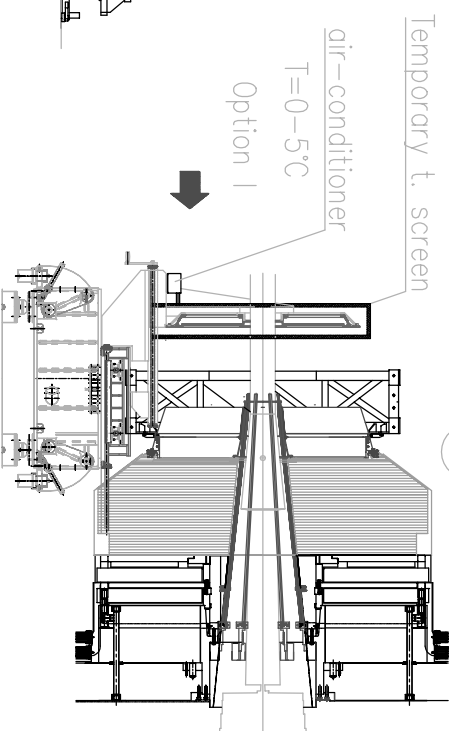
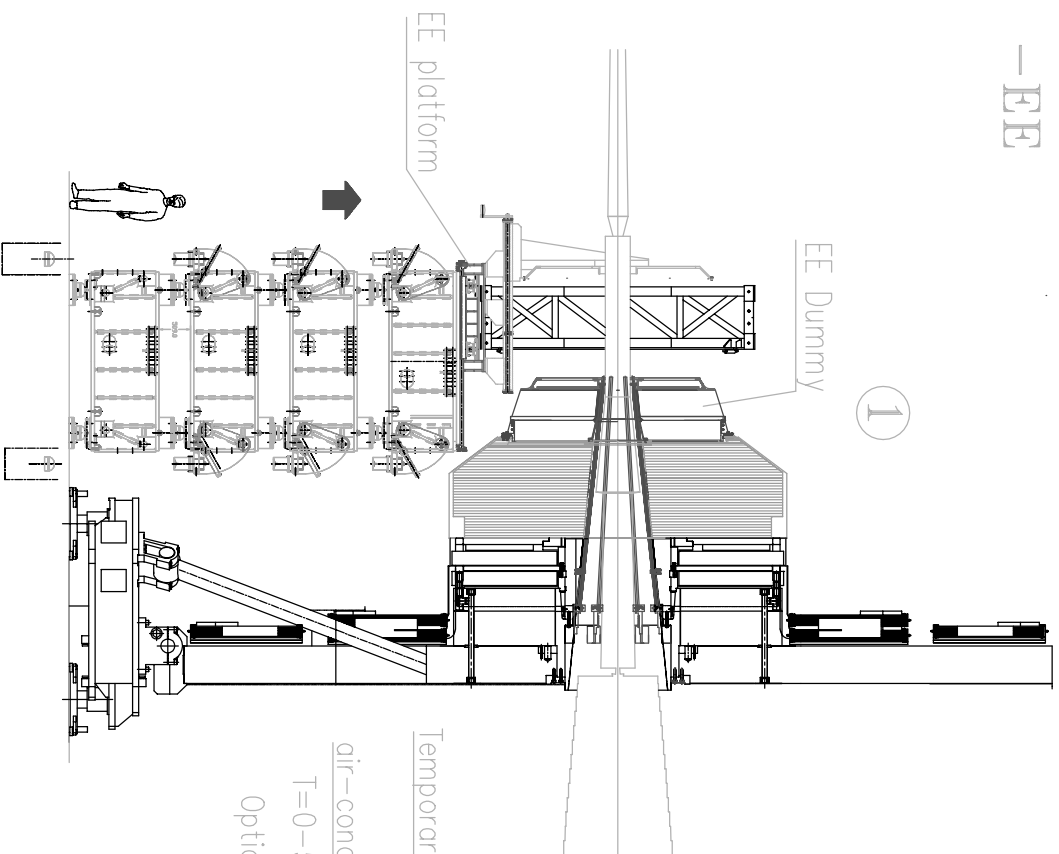
ACAD version: 14 Date: 17.08.01

File name: Eclass062(5).dwg

CMS End Cap Detectors

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— EE



SE/EE maintenance

ACAD version: 14 Date: 17.08.01
File name: EEass062.dwg

CMS End Cap Detectors
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