

Configuration Management for East Area Renovation

Giulia



ENGINEERING
DEPARTMENT































Layout Database

<https://layout.cern.ch/search>

	Functional Positions	Relative Positioning	EDMS ITEMS	Drawings and Dimensions	Magnets Data for MADX
F61	Finished	On-going	On-going	On-going	To be done
F62	On-going	On-going	To be done	To be done	To be done
F63	To be done	To be done	To be done	To be done	To be done
F6D	On-going	To be done	To be done	To be done	To be done
T08	To be done	To be done	To be done	To be done	To be done
T09	To be done	To be done	To be done	To be done	To be done
T10	To be done	To be done	To be done	To be done	To be done
T11	To be done	To be done	To be done	To be done	To be done

	Finished
	On-going
	To be done

Layout Database

- ▼  PS East Hall Complex
 - ▼  **F61 Transfer Line**
 - ▼  **F61.MQNCL007**
 -  F61.HMQAD007
 -  F61.BLM008
 -  F61.BTV012
 -  **F61.MCXCE013**
 -  **F61.MQNEL014**
 -  F61.HLMAC014
 - ▼  **F61.MCXCE015**
 -  F61.HMCAD015
 -  F61.TBS016
 -  F61.TBS017
 -  F61.TBS018
 -  F61.TBS019
 -  F61.TBS020
 - ▼  **F61.MQNEF021**
 -  F61.HMQAN021
 - ▼  **F61.BCTF022**
 -  F61.HBCTF022
 -  F61.BCGAA023
 -  F61.XSEC0.23
 - ▼  **F61.MBXHD025**
 -  F61.HMBAD025
 -  F61.BLM027
 - ▼  **F61.MQNEG030**
 -  F61.HMQAH030
 - ▼  **F61.MBXHD033**
 -  F61.HMBAD033
 -  F61.BLM035

All functional position of equipment for F61 line



(no vacuum elements so far)

Quality

Quality Management Support for the Accelerators & Technology Sector

[About](#) [Processes](#) [Roles](#) [Conventions](#) [Templates](#) [FAQ](#) [Contact](#)

Conventions

- [Applicable Standards at CERN](#) (Quality website)
-  [Naming Conventions](#) (Quality website) 
- [Project Codes and Naming Conventions](#) (Quality website)
- [List of PS Machine Systems Codes](#) (Quality website)

East Area Renovation Naming

<https://edms.cern.ch/document/1723747/1.3>

EDMS Hardware Baseline

<https://edms.cern.ch/project/CERN-0000171687>

- [-]
- East Area Renovation Project
 - Project management
 - Presentations
 - East Area Renovation HARDWARE BASELINE**
 - Magnets
 - Power Converters
 - Beam instrumentation
 - Beam intercepting devices
 - Vacuum system
 - Networks
 - Controls
 - Electrical Systems
 - Cooling and Ventilation
 - Handling
 - Civil Engineering
 - Radiation Protection
 - Machine Interlocks
 - Alarms
 - Personnel Protection System
 - Survey
 - Operation
 - Safety
 - Shielding
 - Collimation
 - Gaz
 - Exp. Areas & Layout change
 - Dismantling
 - Layout and database
 - Mechanical Supports
 - Budget
 - Schedule

Drawing folder

- Mechanical Supports
 - Magnets Supports
 - DRAWINGS
 - MAGNET QFL PLUG IN
 - PSZ-H-DF-0002 (v.0.1) MAGNET QFL PLUG IN
 - PSZHMQA0013 (v.0) WEDGE JACK STAND QFS
 - PSZHMQA0006 (v.0) FRAME QFL SET
 - LHCHCMAB0327 (v.0) PLANIMETRIC ADJUSTMENT MECHANISM -
 - LHCHCMAB0326 (v.0) PLANIMETRIC ADJUSTMENT MECHANISM -
 - PSZHMQA0005 (v.0) LOWER FRAME QFL
 - PS_TDIL_0285 (v.0) ASSEMBLY FOOT WITH BALL PS DUMP
 - PS_TDIL_0286 (v.0) BALL SUPPORT (before machining PS_TDIL_(
 - PSZHMQA0004 (v.0) QFL SUPPORT BASE PLATE
 - LHCHCMAB0328 (v.0) PLANIMETRIC ADJUSTMENT MECHANISM -
 - PSZHMQA0006 (v.0) CENTRING PIN PLANIMETRIC TABLE
 - PSZHMQA0012 (v.0) PLATE SYSTEME ALIGNEMENT PLUG IN
 - PSZHMQA0003 (v.0) UPPER FRAME QFL SET
 - PSZHMQA0007 (v.0) UPPER FRAME QFL
 - PS_TDIL_0288 (v.0) BALL SUPPORT IN V PS DUMP
 - PSZHMQA0018 (v.0) CLAVETTE 3061081_12_8_32
 - PSZHMQA0009 (v.0) FIXATION PLATE FUNNEL
 - PSZHMQA0010 (v.0) FIXATION PLATE V_BALL
 - PSZHMQA0014 (v.0) RONDELLE Ø60
 - PSZHMQA0009 (v.0) SYSTEME ALIGNEMENT QFL
 - PSZHMQA0008 (v.0) QFL ROD OF ADJUSTMENT
 - PSZHMQA0010 (v.0) PALPEUR QFL
 - PSZHMQA0002 (v.0) MAGNET SET QFL PLUG IN
 - 2244146 (v.1) ENTONNOIR SYSTEME ALIGNEMENT 8088.6010.1
 - 2244159 (v.1) APPUI VERIN 8088.5863.4
 - 2244498 (v.1) PIED DE CENTRAGE 8088_6009_2

2261166 v.0.1 | PSZ-H-DF-0002 v.0.1 ● In Work 🛡️ Sensitive
MAGNET QFL PLUG IN by VINCENT CLERC ✉️

Naming

File with East Area EN-EA Equipment and Support:

“Naming Equipment EN-EA”

\\cern.ch\dfs\Workspaces\e\EastAreaRenovation\Work_packages\EN-EA

Action: create name for Universal Supports!

Documents

RELEASED

- ECR F61 Line 2038214 <https://edms.cern.ch/document/2038214/1.0>
- Access Specification EA1 990209 – New Version **Under Approval**
<https://edms.cern.ch/document/990209/5.1>
- Access Specification IRRAD: 990210 – New Version **Under Approval**
- <https://edms.cern.ch/document/990210/5.1>



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Thank you!