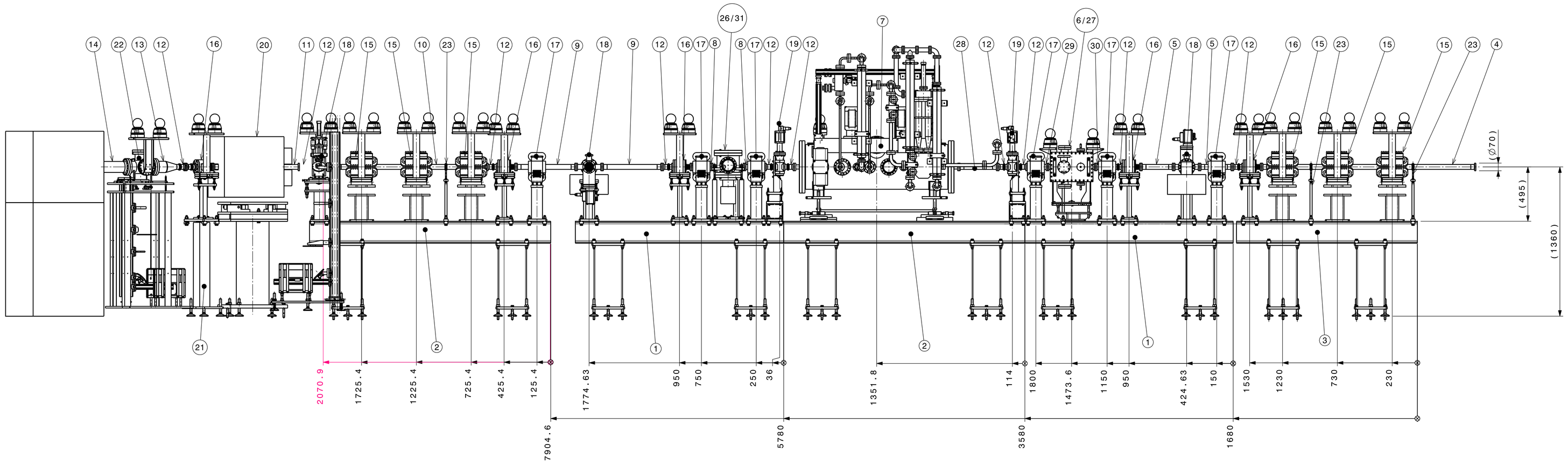


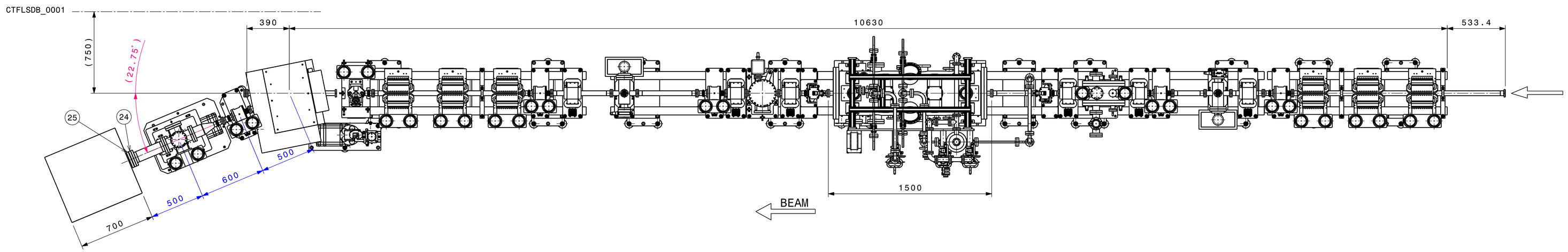


| QUA | DESCRIPTION | POS | MAT. | OBSERVATIONS | REF.CERN |
|---|---|---|---|---|---|
| 1 | ALUMICUM VACUUM CHAMBER - BTG REF. - BAO (877.5) - BTG REF. | 31 | | | CTFVCTUB0225 |
| | CHAMBRE A VIDE ALUMICUM - BTG REF. - BAO (877.5) - BTG REF. | | | | REPLACEMENT VACUUM CHAMBER FOR FARADAY CUP |
| 1 | VACUUM CHAMBER ASSEMBLY - ALUMICUM, L=543.5, 2X DN40 FLYDE | 30 | | | CTFVCTUB0307 |
| | ENSEMBLE CHAMBRE A VIDE - ALUMICUM, L=543.5, 2X DN40 FLYDE | | | | |
| 1 | VACUUM CHAMBER ASSEMBLY - ALUMICUM, L=186.2, 2X DN40 FLYDE | 29 | | | CTFVCTUB0306 |
| | ENSEMBLE CHAMBRE A VIDE - ALUMICUM, L=186.2, 2X DN40 FLYDE | | | | |
| 1 | VACUUM CHAMBER ASSEMBLY - ALUMICUM, L=333.6, 2X DN40 FLYDE | 28 | | | CTFVCTUB0304 |
| | ENSEMBLE CHAMBRE A VIDE - ALUMICUM, L=333.6, 2X DN40 FLYDE | | | | |
| 1 | VACUUM CHAMBER ASSEMBLY - ALUMICUM, L=440, 2X DN40 FLYDE | 27 | | | CTFVCTUB0303 |
| | ENSEMBLE CHAMBRE A VIDE - ALUMICUM, L=440, 2X DN40 FLYDE | | | | REPLACEMENT VACUUM CHAMBER FOR FLASH BOX |
| 1 | PROBE BEAM LINE TBTS - TANK FOR FARADAY CUP ASSEMBLY | 26 | | | CTFBIFMA0001 |
| | LIGNE PROBE BEAM TBTS - ENSEMBLE TANK POUR FARADAY CUP | | | | |
| 1 | FIXED UHV FLANGE 152 - FOR TUBE 100/103 | 25 | | | STDVFUHV0052 |
| | BRIDE FIXE UHV 152 - POUR TUBE 100/103 | | | | |
| 1 | TRANSITION FLANGE - DN100CF/DN100 FOR ALUMICIUM SEAL | 24 | | | CTFVCTUB0217 |
| | BRIDE DE TRANSITION - DN100CF/DN100 POUR JOINT ALUMICIUM | | | | |
| 3 | VACUUM CHAMBER SUPPORT ON GIRDER - ASSEMBLY | 23 | | | CTFVCTUB0221 |
| | SUPPORT SUR POUTRE CHAMBRE A VIDE - ENSEMBLE | | | | |
| 1 | TL2 MTV - ASSEMBLY | 22 | | | CTFBIMTV0058 |
| | TL2 MTV - ENSEMBLE | | | | |
| 1 | PICK-UP ASSEMBLY - FOOT | 21 | | | CTFBIPU_0049 |
| | ENSEMBLE PICK-UP - PIED | | | | |
| 1 | CTF3 MAGNET BENDING - BHB DIPOLE | 20 | | | CTFMBHZ_0088 |
| | AIMANT CTF3 - DIPOLE BHB | | | | |
| 2 | VALVE SUPPORT - ASSEMBLY | 19 | | | CTFVSV__0051 |
| | SUPPORT VANNE - ENSEMBLE | | | | |
| 3 | STAINLESS STEEL PUMPING POT - ASSEMBLY | 18 | | | CTFVGPUM0058 |
| | POT DE POMPAGE INOX - ENSEMBLE | | | | |
| 6 | CORRECTOR - ASSEMBLY | 17 | | | CTFMHVC_0028 |
| | CORRECTEUR - ENSEMBLE | | | | |
| 5 | PICK-UP - ASSEMBLY | 16 | | | CTFBIPU_0047 |
| | PICK-UP - ENSEMBLE | | | | |
| 6 | QUADRUPOLE Q'D" - ASSEMBLY | 15 | | | CTFMQUA_0186 |
| | QUADRUPOLE Q'D" - ENSEMBLE | | | | |
| 1 | ALUMICIUM VACUUM CHAMBER - BTG2 F.TA. - BAO (215) - BTG2 F.TA. | 14 | | | CTFVCTUB0239 |
| | CHAMBRE A VIDE ALUMICIUM - BTG2 F.TA. - BAO (215) - BTG2 F.TA. | | | | |
| 1 | STAINLESS STEEL VACUUM CHAMBER - BTG2F2+BTG1-BELLOW/SOFT AL+BTG1F1 | 13 | | | CTFVCTUB0229 |
| | CHAMBRE A VIDE INOX - BTG2F2+BTG1-SOUFFLET/SOFT AL+BTG1F1 | | | | |
| 10 | VACUUM CHAMBER L=86.2 - DN40 FIXED, BELLOWS, DN40 ROTATABLE | 12 | | | CTFVCTUB0205 |
| | CHAMBRE A VIDE L=86.2 - N40 FIXE, SOUFFLET, DN40 ROTATIVE | | | | |
| 1 | BHB MAGNET - "(±22.75°)" VACUUM CHAMBER ASSEMBLY | 11 | | | CTFMBHZ_0106 |
| | DIPOLE BHB - ENSEMBLE CHAMBRE A VIDE "(±22.75°)" | | | | |
| 1 | ALUMICIUM VACUUM CHAMBER - BTG REF. - BAO (1374.2) - BTG REF. | 10 | | | CTFVCTUB0227 |
| | CHAMBRE A VIDE ALUMICIUM - BTG REF. - BAO (1374.2) - BTG REF. | | | | |
| 2 | ALUMICIUM VACUUM CHAMBER - BTG REF. - BAO (568) - BTG REF. | 9 | | | CTFVCTUB0224 |
| | CHAMBRE A VIDE ALUMICIUM - BTG REF. - BAO (568) - BTG REF. | | | | |
| 2 | ALUMICIUM VACUUM CHAMBER - DN40 FIXED - DN40 ROTATABLE | 8 | | | CTFVCTUB0295 |
| | CHAMBRE A VIDE ALUMICIUM - DN40 FIXE - DN40 ROTATIVE | | | | |
| 1 | MAIN ASSEMBLY | 7 | | | CLIAV1220001 |
| | | | | | |
| 1 | FLASHBOX ASSEMBLY | 6 | | | CTFBIFEA0001 |
| | ENSEMBLE FLASH BOX | | | | |
| 2 | ALUMICIUM VACUUM CHAMBER - BTG REF. - BAO (286) - BTG REF. | 5 | | | CTFVCTUB0222 |
| | CHAMBRE A VIDE ALUMICIUM - BTG REF. - BAO (286) - BTG REF. | | | | |
| 1 | ALUMICIUM VACUUM CHAMBER - BTG REF. - BAO (1664) - BTG REF. | 4 | | | CTFVCTUB0226 |
| | CHAMBRE A VIDE ALUMICIUM - BTG REF. - BAO (1664) - BTG REF. | | | | |
| 1 | GIRDER L=1650MM - ASSEMBLY | 3 | | | CTFHBEAM0078 |
| | POUTRE L= 1650MM - ENSEMBLE | | | | |
| 2 | GIRDER L= 2200MM - ASSEMBLY | 2 | | | CTFHBEAM0024 |
| | POUTRE L= 2200MM - ENSEMBLE | | | | |
| 2 | GIRDER L=1900MM - ASSEMBLY | 1 | | | CTFHBEAM0022 |
| | POUTRE L= 1900MM - ENSEMBLE | | | | |

ENS/ASS CTFLSCLX0001 S.ENS/S.ASS

Schematic Layout of the Probe Beam (CLEX)

DRAWN B. FAVRAT 2007-10-23
CONTROLLED
RELEASED
APPROVED

TWO BEAM TEST STAND
PROBE BEAM LINE
TWO BEAM TEST STAND
LIGNE PROBE BEAM

SCALE 1:15

CTF\LSPB_0\CTFLSPB_0001

REPLACES

NON VALABLE POUR EXECUTION
NOT VALID FOR EXECUTION

GAC -

CTFLSPB_0001 SIZE A IND. 0

| IND. | DATE | NOM/NAME | ZONE | MODIFICATION |
|---|---|---|---|---|
| A | 2010-01-27 | N. CHRITIN | | structure tank, flash box and farady cup added |

DESSIN DIMENSIONNE, TOLERANCES
DRAWING DIMENSIONS, TOLERANCES
ACCORDING TO ISO STANDARDS

PROJECTION

ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE
EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

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