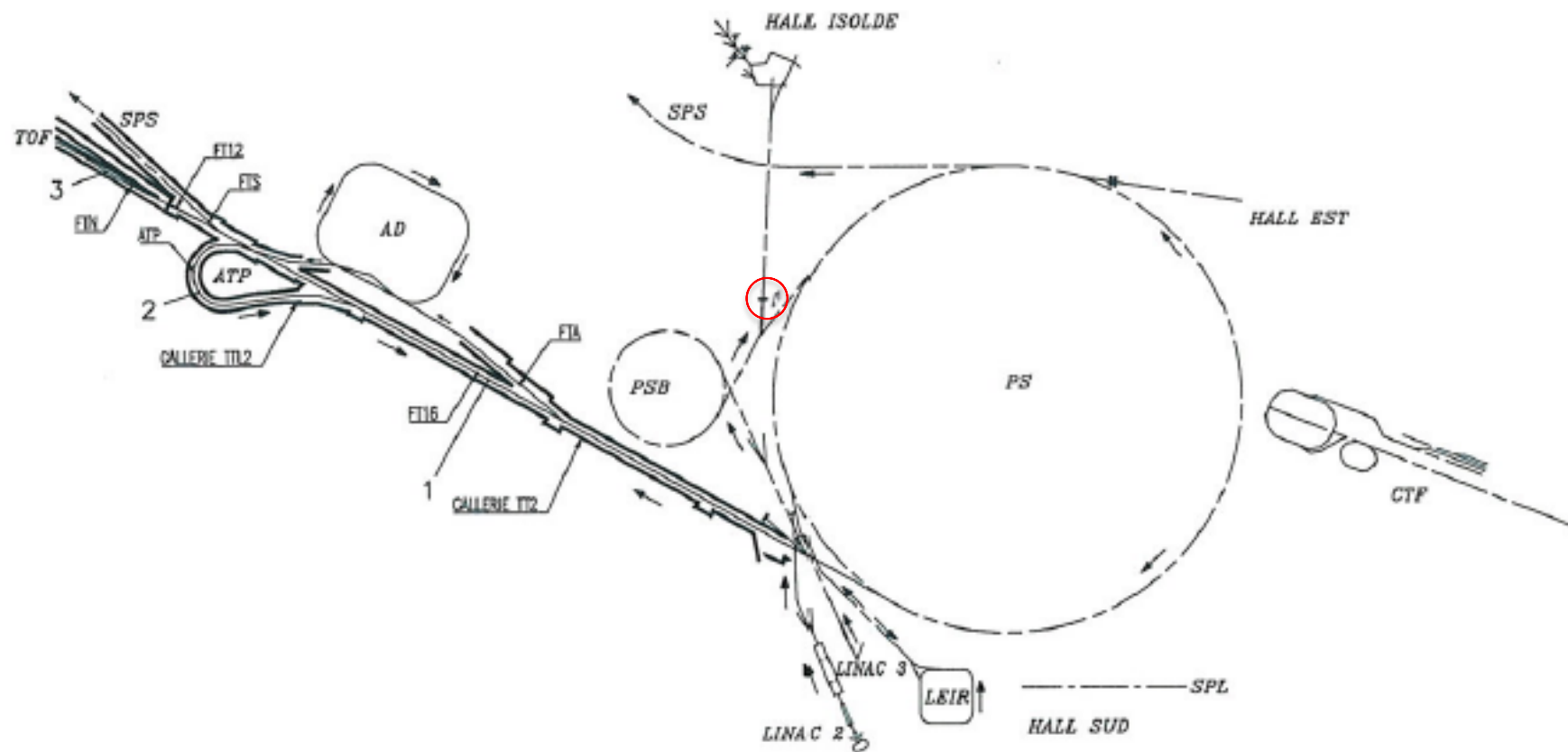
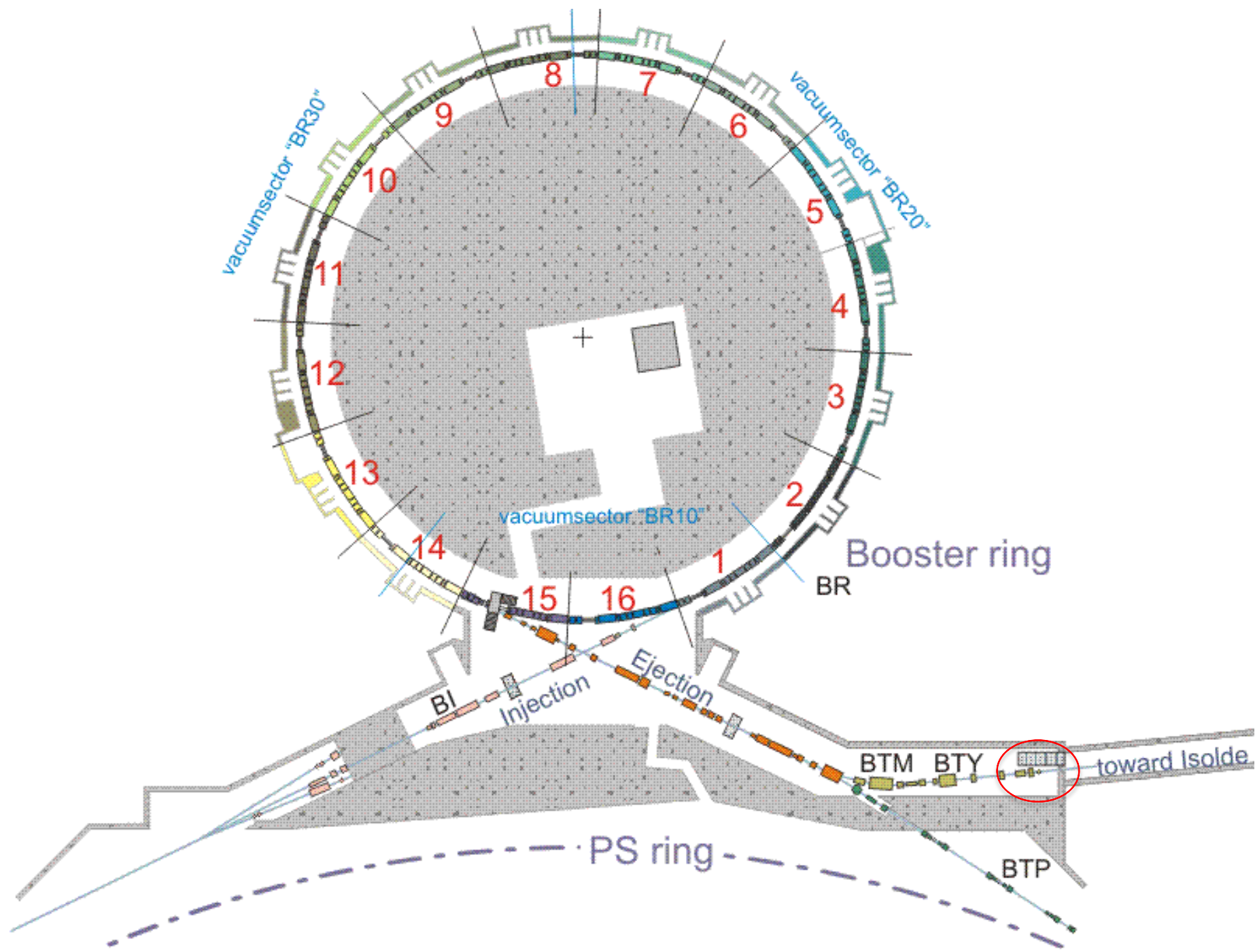


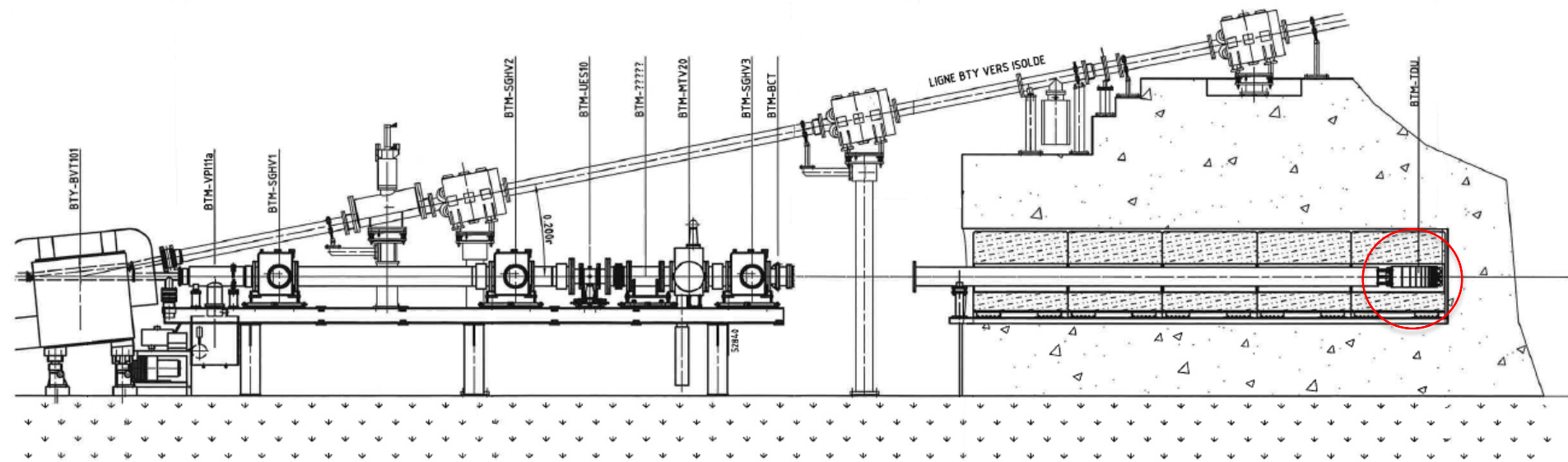
PSB DUMP ENDOSCOPY

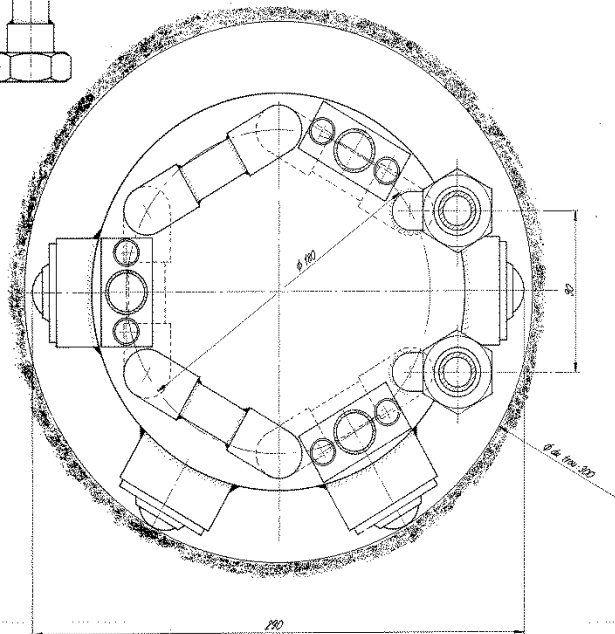
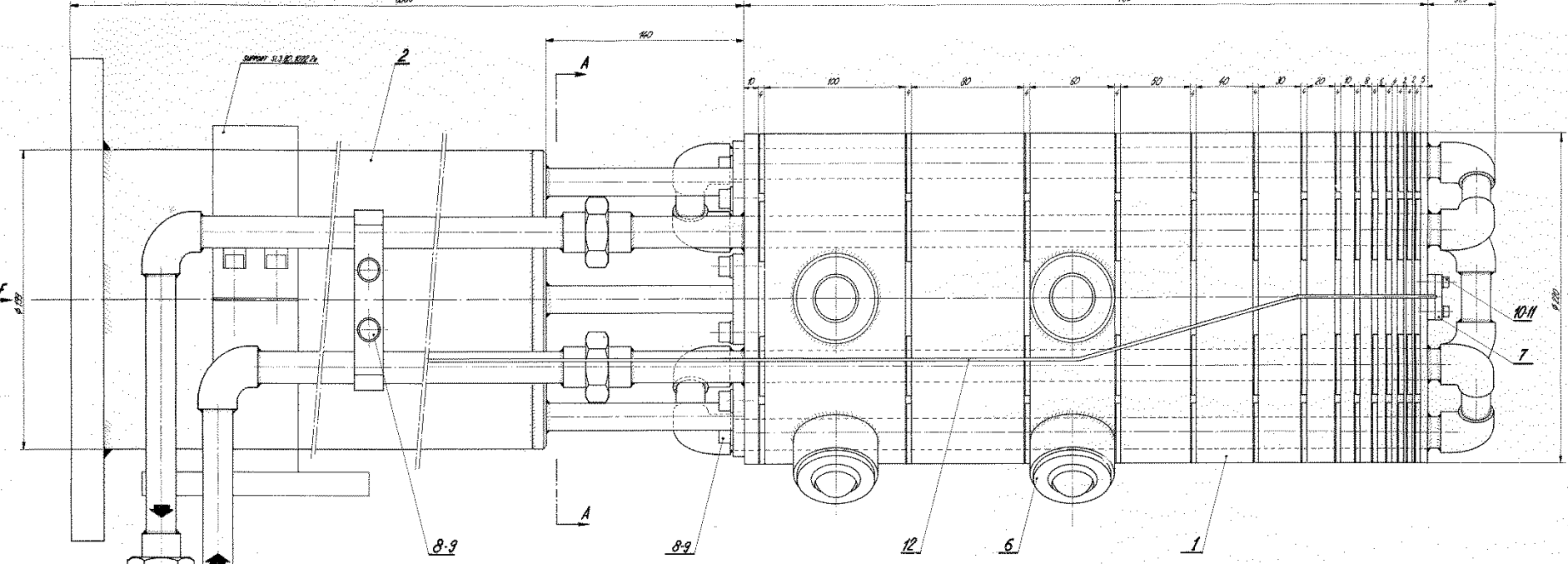
27/06/2012

Antonio Perillo-Marcone

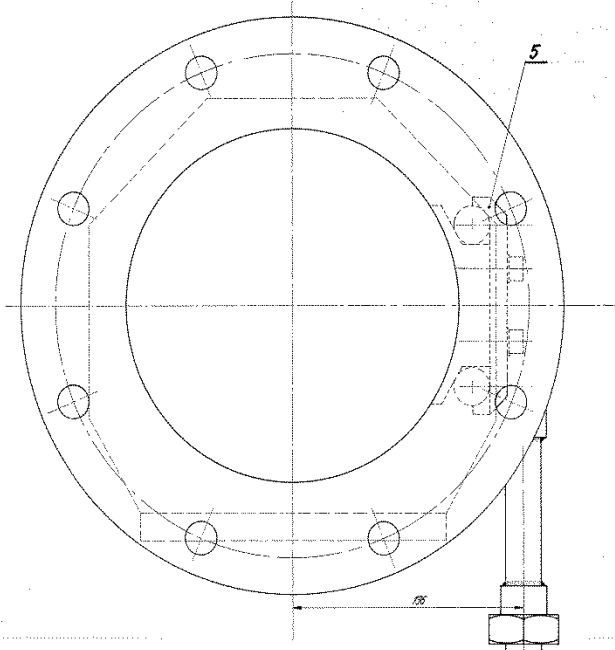








COUPE AA

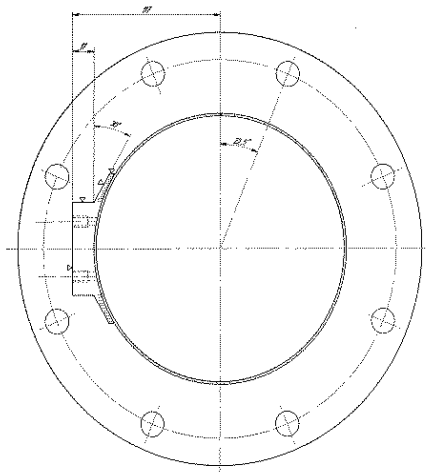
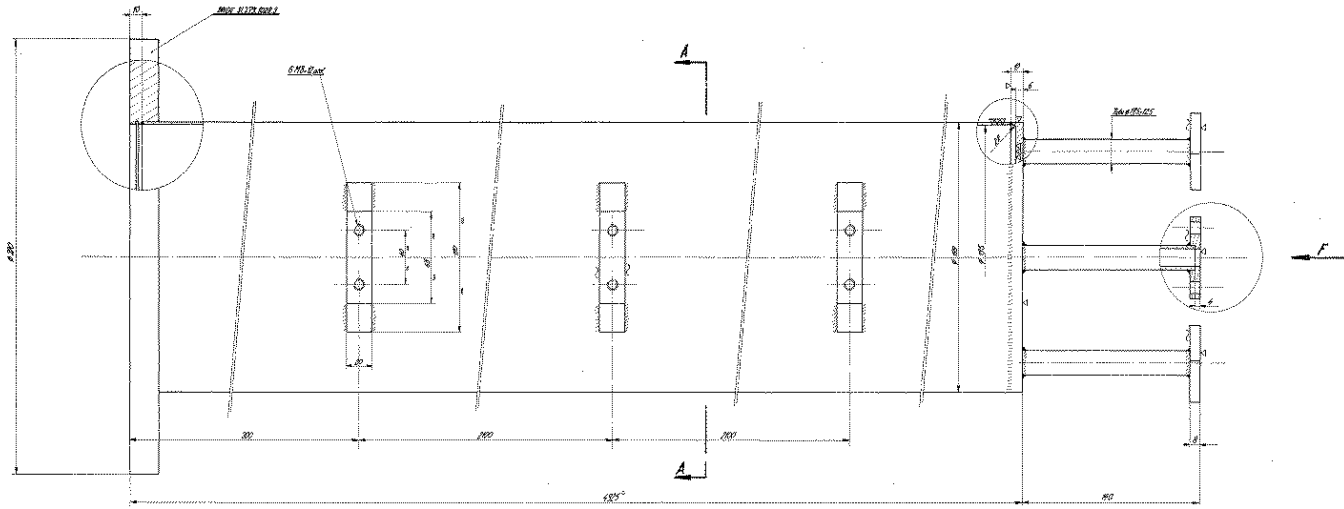


VUE SUIVANT F

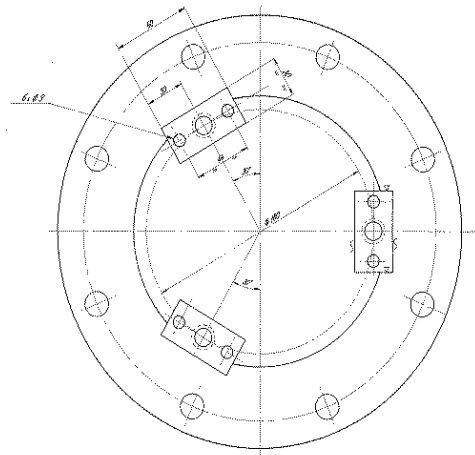
NOTE:
 Poids total ~ 150 kg
 Poids beam dump ~ 150 kg
 Pression d'essai: 25 atm

DESCRIPTION	POS	MAT	OBSERVATION
1. SUPPORT 2.881.83	0		
2. ANNEAU	10	A	
3. VIS C.H.T.	10	A	
4. ANNEAU	2	A	
5. VIS C.H.T.	10	A	
6. BRAS	2	A	
7. BRAS	2	A	
8. BRAS	2	A	
9. BRAS	2	A	
10. BRAS	2	A	
11. BRAS	2	A	
12. BRAS	2	A	

Vacuum Pipe



COUPE AA



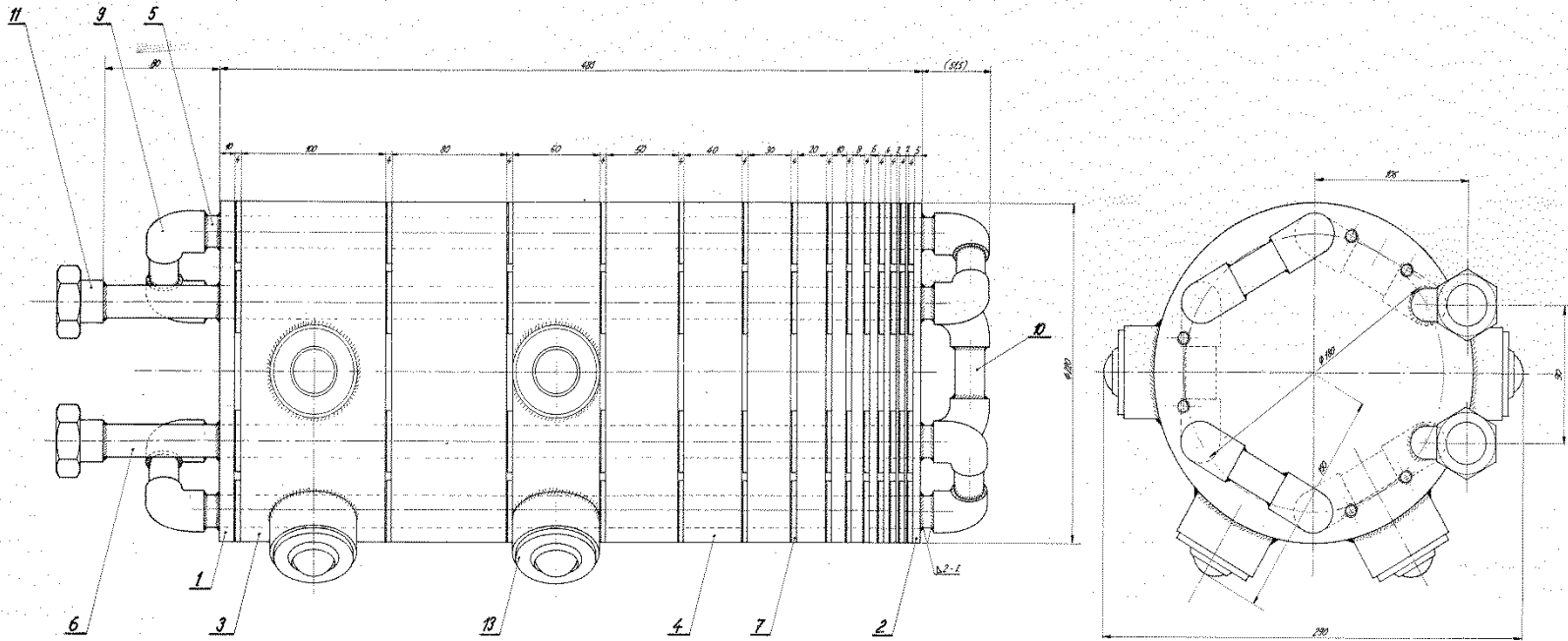
VUE SUIVANT F

RE:
 Système d'anchorage provisoire TIG
 Arêtes soudures, D₂-F
 La chambre peut être réalisée en 2 tronçons soudés bord à bord

MALC. 04-1057 et/ou 505
 MELS. 04-1057 et/ou 505

A. 201.201.001		Ouvrages	
DESCRIPTION	Q.T.	Q.T.	Q.T.
10000	1	10000	1
10001	1	10001	1
10002	1	10002	1
10003	1	10003	1
10004	1	10004	1
10005	1	10005	1
10006	1	10006	1
10007	1	10007	1
10008	1	10008	1
10009	1	10009	1
10010	1	10010	1
10011	1	10011	1
10012	1	10012	1
10013	1	10013	1
10014	1	10014	1
10015	1	10015	1
10016	1	10016	1
10017	1	10017	1
10018	1	10018	1
10019	1	10019	1
10020	1	10020	1
10021	1	10021	1
10022	1	10022	1
10023	1	10023	1
10024	1	10024	1
10025	1	10025	1
10026	1	10026	1
10027	1	10027	1
10028	1	10028	1
10029	1	10029	1
10030	1	10030	1
10031	1	10031	1
10032	1	10032	1
10033	1	10033	1
10034	1	10034	1
10035	1	10035	1
10036	1	10036	1
10037	1	10037	1
10038	1	10038	1
10039	1	10039	1
10040	1	10040	1
10041	1	10041	1
10042	1	10042	1
10043	1	10043	1
10044	1	10044	1
10045	1	10045	1
10046	1	10046	1
10047	1	10047	1
10048	1	10048	1
10049	1	10049	1
10050	1	10050	1
10051	1	10051	1
10052	1	10052	1
10053	1	10053	1
10054	1	10054	1
10055	1	10055	1
10056	1	10056	1
10057	1	10057	1
10058	1	10058	1
10059	1	10059	1
10060	1	10060	1
10061	1	10061	1
10062	1	10062	1
10063	1	10063	1
10064	1	10064	1
10065	1	10065	1
10066	1	10066	1
10067	1	10067	1
10068	1	10068	1
10069	1	10069	1
10070	1	10070	1
10071	1	10071	1
10072	1	10072	1
10073	1	10073	1
10074	1	10074	1
10075	1	10075	1
10076	1	10076	1
10077	1	10077	1
10078	1	10078	1
10079	1	10079	1
10080	1	10080	1
10081	1	10081	1
10082	1	10082	1
10083	1	10083	1
10084	1	10084	1
10085	1	10085	1
10086	1	10086	1
10087	1	10087	1
10088	1	10088	1
10089	1	10089	1
10090	1	10090	1
10091	1	10091	1
10092	1	10092	1
10093	1	10093	1
10094	1	10094	1
10095	1	10095	1
10096	1	10096	1
10097	1	10097	1
10098	1	10098	1
10099	1	10099	1
10100	1	10100	1

Dump core



Notes:
Tous les records de l'usinier seront acceptés d'ore et soutis essai
pour assurer l'exactitude

DESCRIPTION	QUANTITE	REVISIONS	REVISIONS
1. BASE METRIQUE 80x6	1	1	10.02.88
2. TUBES EN acier 100x10x1.5	1	1	10.02.88
3. TUBES EN acier 80x8x1.5	1	1	10.02.88
4. TUBES EN acier 60x6x1.5	1	1	10.02.88
5. TUBES EN acier 40x4x1.5	1	1	10.02.88
6. TUBES EN acier 30x3x1.5	1	1	10.02.88
7. TUBES EN acier 20x2x1.5	1	1	10.02.88
8. TUBES EN acier 10x1x1.5	1	1	10.02.88
9. TUBES EN acier 5x5x1.5	1	1	10.02.88
10. TUBES EN acier 5x5x1.5	1	1	10.02.88
11. TUBES EN acier 5x5x1.5	1	1	10.02.88
12. TUBES EN acier 5x5x1.5	1	1	10.02.88
13. TUBES EN acier 5x5x1.5	1	1	10.02.88
14. TUBES EN acier 5x5x1.5	1	1	10.02.88
15. TUBES EN acier 5x5x1.5	1	1	10.02.88
16. TUBES EN acier 5x5x1.5	1	1	10.02.88
17. TUBES EN acier 5x5x1.5	1	1	10.02.88
18. TUBES EN acier 5x5x1.5	1	1	10.02.88
19. TUBES EN acier 5x5x1.5	1	1	10.02.88
20. TUBES EN acier 5x5x1.5	1	1	10.02.88
21. TUBES EN acier 5x5x1.5	1	1	10.02.88
22. TUBES EN acier 5x5x1.5	1	1	10.02.88
23. TUBES EN acier 5x5x1.5	1	1	10.02.88
24. TUBES EN acier 5x5x1.5	1	1	10.02.88
25. TUBES EN acier 5x5x1.5	1	1	10.02.88
26. TUBES EN acier 5x5x1.5	1	1	10.02.88
27. TUBES EN acier 5x5x1.5	1	1	10.02.88
28. TUBES EN acier 5x5x1.5	1	1	10.02.88
29. TUBES EN acier 5x5x1.5	1	1	10.02.88
30. TUBES EN acier 5x5x1.5	1	1	10.02.88
31. TUBES EN acier 5x5x1.5	1	1	10.02.88
32. TUBES EN acier 5x5x1.5	1	1	10.02.88
33. TUBES EN acier 5x5x1.5	1	1	10.02.88
34. TUBES EN acier 5x5x1.5	1	1	10.02.88
35. TUBES EN acier 5x5x1.5	1	1	10.02.88
36. TUBES EN acier 5x5x1.5	1	1	10.02.88
37. TUBES EN acier 5x5x1.5	1	1	10.02.88
38. TUBES EN acier 5x5x1.5	1	1	10.02.88
39. TUBES EN acier 5x5x1.5	1	1	10.02.88
40. TUBES EN acier 5x5x1.5	1	1	10.02.88
41. TUBES EN acier 5x5x1.5	1	1	10.02.88
42. TUBES EN acier 5x5x1.5	1	1	10.02.88
43. TUBES EN acier 5x5x1.5	1	1	10.02.88
44. TUBES EN acier 5x5x1.5	1	1	10.02.88
45. TUBES EN acier 5x5x1.5	1	1	10.02.88
46. TUBES EN acier 5x5x1.5	1	1	10.02.88
47. TUBES EN acier 5x5x1.5	1	1	10.02.88
48. TUBES EN acier 5x5x1.5	1	1	10.02.88
49. TUBES EN acier 5x5x1.5	1	1	10.02.88
50. TUBES EN acier 5x5x1.5	1	1	10.02.88
51. TUBES EN acier 5x5x1.5	1	1	10.02.88
52. TUBES EN acier 5x5x1.5	1	1	10.02.88
53. TUBES EN acier 5x5x1.5	1	1	10.02.88
54. TUBES EN acier 5x5x1.5	1	1	10.02.88
55. TUBES EN acier 5x5x1.5	1	1	10.02.88
56. TUBES EN acier 5x5x1.5	1	1	10.02.88
57. TUBES EN acier 5x5x1.5	1	1	10.02.88
58. TUBES EN acier 5x5x1.5	1	1	10.02.88
59. TUBES EN acier 5x5x1.5	1	1	10.02.88
60. TUBES EN acier 5x5x1.5	1	1	10.02.88
61. TUBES EN acier 5x5x1.5	1	1	10.02.88
62. TUBES EN acier 5x5x1.5	1	1	10.02.88
63. TUBES EN acier 5x5x1.5	1	1	10.02.88
64. TUBES EN acier 5x5x1.5	1	1	10.02.88
65. TUBES EN acier 5x5x1.5	1	1	10.02.88
66. TUBES EN acier 5x5x1.5	1	1	10.02.88
67. TUBES EN acier 5x5x1.5	1	1	10.02.88
68. TUBES EN acier 5x5x1.5	1	1	10.02.88
69. TUBES EN acier 5x5x1.5	1	1	10.02.88
70. TUBES EN acier 5x5x1.5	1	1	10.02.88
71. TUBES EN acier 5x5x1.5	1	1	10.02.88
72. TUBES EN acier 5x5x1.5	1	1	10.02.88
73. TUBES EN acier 5x5x1.5	1	1	10.02.88
74. TUBES EN acier 5x5x1.5	1	1	10.02.88
75. TUBES EN acier 5x5x1.5	1	1	10.02.88
76. TUBES EN acier 5x5x1.5	1	1	10.02.88
77. TUBES EN acier 5x5x1.5	1	1	10.02.88
78. TUBES EN acier 5x5x1.5	1	1	10.02.88
79. TUBES EN acier 5x5x1.5	1	1	10.02.88
80. TUBES EN acier 5x5x1.5	1	1	10.02.88
81. TUBES EN acier 5x5x1.5	1	1	10.02.88
82. TUBES EN acier 5x5x1.5	1	1	10.02.88
83. TUBES EN acier 5x5x1.5	1	1	10.02.88
84. TUBES EN acier 5x5x1.5	1	1	10.02.88
85. TUBES EN acier 5x5x1.5	1	1	10.02.88
86. TUBES EN acier 5x5x1.5	1	1	10.02.88
87. TUBES EN acier 5x5x1.5	1	1	10.02.88
88. TUBES EN acier 5x5x1.5	1	1	10.02.88
89. TUBES EN acier 5x5x1.5	1	1	10.02.88
90. TUBES EN acier 5x5x1.5	1	1	10.02.88
91. TUBES EN acier 5x5x1.5	1	1	10.02.88
92. TUBES EN acier 5x5x1.5	1	1	10.02.88
93. TUBES EN acier 5x5x1.5	1	1	10.02.88
94. TUBES EN acier 5x5x1.5	1	1	10.02.88
95. TUBES EN acier 5x5x1.5	1	1	10.02.88
96. TUBES EN acier 5x5x1.5	1	1	10.02.88
97. TUBES EN acier 5x5x1.5	1	1	10.02.88
98. TUBES EN acier 5x5x1.5	1	1	10.02.88
99. TUBES EN acier 5x5x1.5	1	1	10.02.88
100. TUBES EN acier 5x5x1.5	1	1	10.02.88

AMAG603

S-ENS BEAM DUMP
CERN
1211 GENEVE 23
SI 3.83 1002.0



05/12/2011



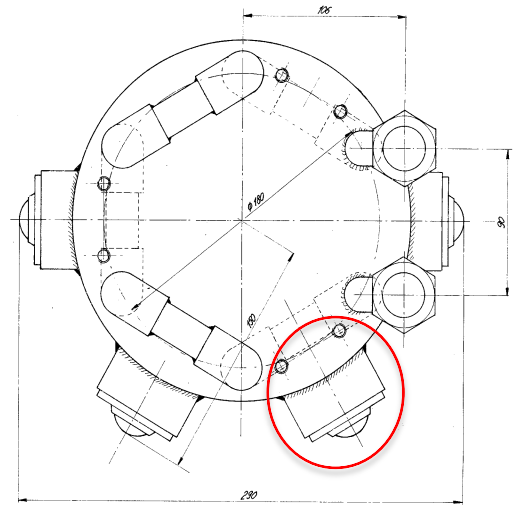
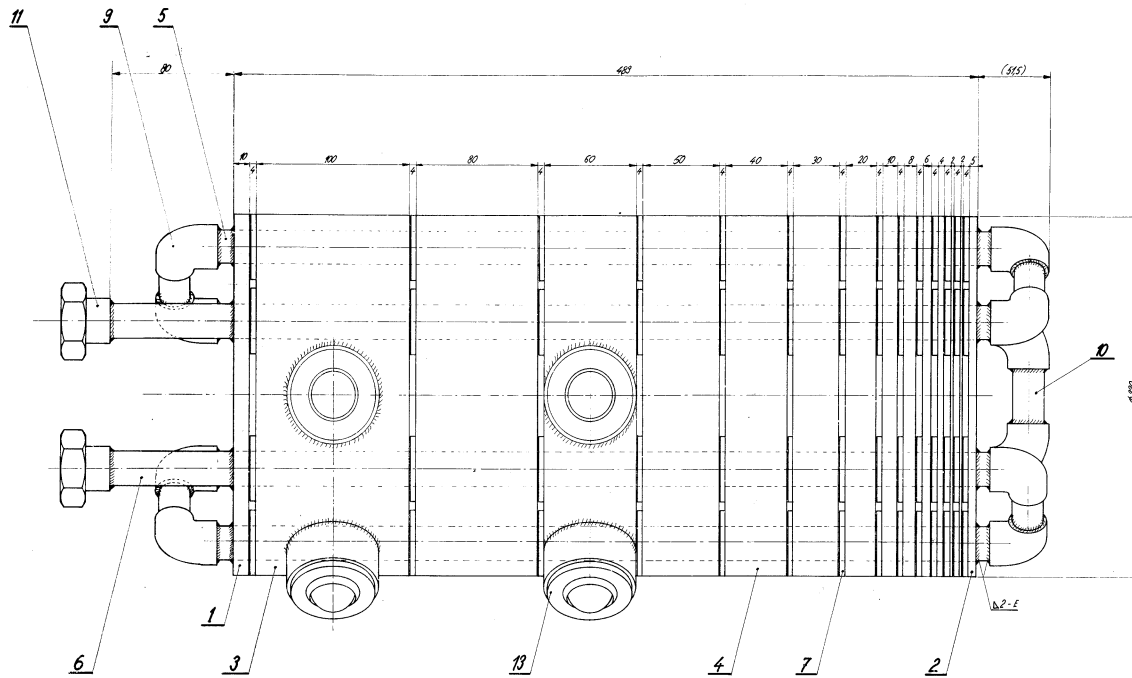
15/12/2011



15/12/2011



15/12/2011



Note

Tous les records de layouterie seront montés à sec et soudés ensuite pour assurer l'étanchéité

DESCRIPTION	POS.	MAT.	Q.TE	OBSERVATIONS
R. BASE ANTI-CHOC	13			RU 20 B
1. ANNEAU AVEC FEMELLE ALUMINUM	11	Al. max. 506	5"	2018 41.02 50 024 1
5. ANNEAU DOSSAL	5	Al. max. 506	10"	41.02 54.002 1
D. COUPE COURTOISE TIGAGE	8	Al. max. 506	3"	41.02 54.002 1
6. TIGAGE	7	Al.		
7. TIGAGE	6	Al. max. 504		
4. TIGAGE	5	Al. max. 506		
11. DOSSAL 2 x 100	4	Al.		
2. DISQUE 100 x 100	3	Al.		
1. DISQUE ANNEAU	2	Al. max. 504		
1. DISQUE ANNEAU	1	Al. max. 504		

DESCRIPTION	POS.	MAT.	Q.TE	OBSERVATIONS
1. Support 100 mm		Al.		
2. Support 100 mm		Al.		
3. Support 100 mm		Al.		
4. Support 100 mm		Al.		
5. Support 100 mm		Al.		
6. Support 100 mm		Al.		
7. Support 100 mm		Al.		
8. Support 100 mm		Al.		
9. Support 100 mm		Al.		
10. Support 100 mm		Al.		
11. Support 100 mm		Al.		
12. Support 100 mm		Al.		
13. Support 100 mm		Al.		
14. Support 100 mm		Al.		
15. Support 100 mm		Al.		
16. Support 100 mm		Al.		
17. Support 100 mm		Al.		
18. Support 100 mm		Al.		
19. Support 100 mm		Al.		
20. Support 100 mm		Al.		
21. Support 100 mm		Al.		
22. Support 100 mm		Al.		
23. Support 100 mm		Al.		
24. Support 100 mm		Al.		
25. Support 100 mm		Al.		
26. Support 100 mm		Al.		
27. Support 100 mm		Al.		
28. Support 100 mm		Al.		
29. Support 100 mm		Al.		
30. Support 100 mm		Al.		
31. Support 100 mm		Al.		
32. Support 100 mm		Al.		
33. Support 100 mm		Al.		
34. Support 100 mm		Al.		
35. Support 100 mm		Al.		
36. Support 100 mm		Al.		
37. Support 100 mm		Al.		
38. Support 100 mm		Al.		
39. Support 100 mm		Al.		
40. Support 100 mm		Al.		
41. Support 100 mm		Al.		
42. Support 100 mm		Al.		
43. Support 100 mm		Al.		
44. Support 100 mm		Al.		
45. Support 100 mm		Al.		
46. Support 100 mm		Al.		
47. Support 100 mm		Al.		
48. Support 100 mm		Al.		
49. Support 100 mm		Al.		
50. Support 100 mm		Al.		
51. Support 100 mm		Al.		
52. Support 100 mm		Al.		
53. Support 100 mm		Al.		
54. Support 100 mm		Al.		
55. Support 100 mm		Al.		
56. Support 100 mm		Al.		
57. Support 100 mm		Al.		
58. Support 100 mm		Al.		
59. Support 100 mm		Al.		
60. Support 100 mm		Al.		
61. Support 100 mm		Al.		
62. Support 100 mm		Al.		
63. Support 100 mm		Al.		
64. Support 100 mm		Al.		
65. Support 100 mm		Al.		
66. Support 100 mm		Al.		
67. Support 100 mm		Al.		
68. Support 100 mm		Al.		
69. Support 100 mm		Al.		
70. Support 100 mm		Al.		
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72. Support 100 mm		Al.		
73. Support 100 mm		Al.		
74. Support 100 mm		Al.		
75. Support 100 mm		Al.		
76. Support 100 mm		Al.		
77. Support 100 mm		Al.		
78. Support 100 mm		Al.		
79. Support 100 mm		Al.		
80. Support 100 mm		Al.		
81. Support 100 mm		Al.		
82. Support 100 mm		Al.		
83. Support 100 mm		Al.		
84. Support 100 mm		Al.		
85. Support 100 mm		Al.		
86. Support 100 mm		Al.		
87. Support 100 mm		Al.		
88. Support 100 mm		Al.		
89. Support 100 mm		Al.		
90. Support 100 mm		Al.		
91. Support 100 mm		Al.		
92. Support 100 mm		Al.		
93. Support 100 mm		Al.		
94. Support 100 mm		Al.		
95. Support 100 mm		Al.		
96. Support 100 mm		Al.		
97. Support 100 mm		Al.		
98. Support 100 mm		Al.		
99. Support 100 mm		Al.		
100. Support 100 mm		Al.		

AN06603

S-ENS BEAM DUMP
 ORGANISATION FOR EUROPEAN RESEARCH INFRASTRUCTURE
 ORGANISATION FOR NUCLEAR RESEARCH
 CERN
 1211 GENEVE 23
 SI 3.88.1009.0

2012/06/27 11:40:09

0 cm



2012/06/27 11:40:40

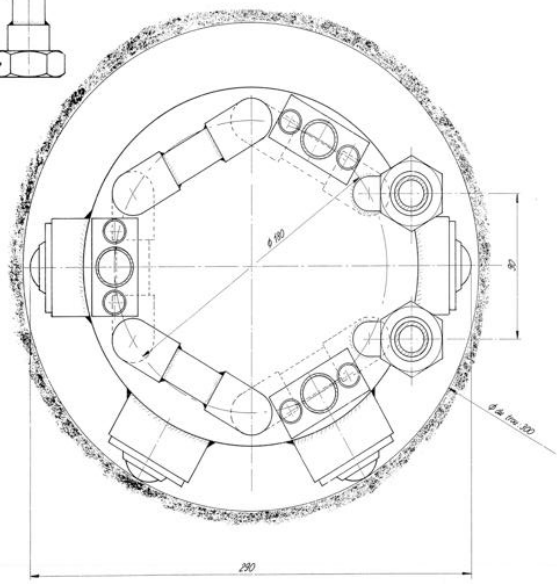
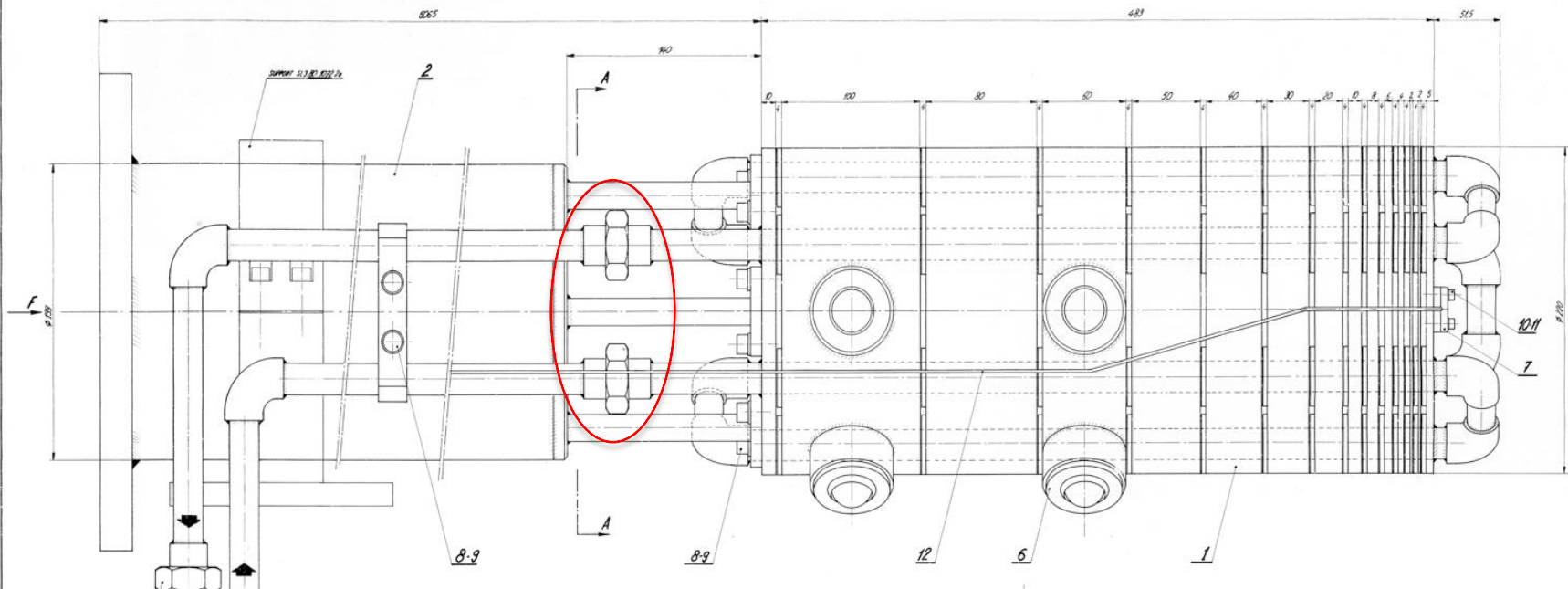
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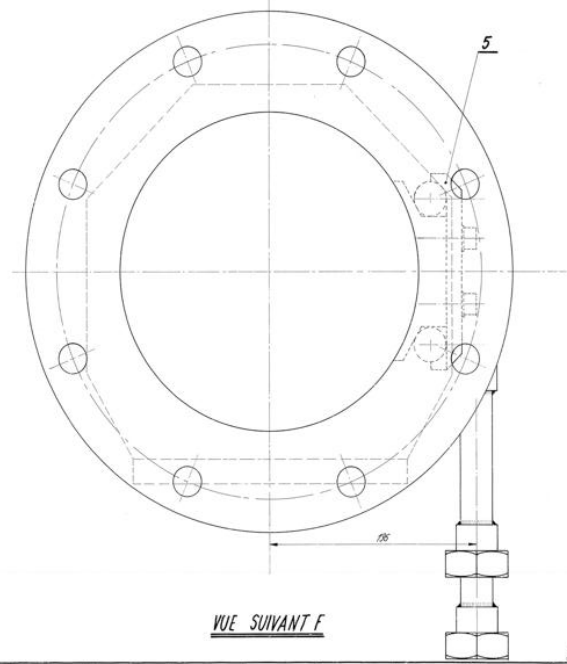
2012/06/27 11:40:53

0 cm





COUPE AA



VUE SUIVANT F

NOTA:
 Poids total ~ 200 kg
 Poids beam dump ~ 150 kg
 Pression d'eau: 15 atm

DESCRIPTION	QTY	REMARKS	DATE
1. Thermocouple 2 ABX 25	10		
2. Flange	10		
3. VCS CVC	10		
4. Flange	10		
5. VCS CVC	10		
6. Flange	10		
7. Flange	10		
8. Flange	10		
9. Flange	10		
10. Flange	10		
11. Flange	10		
12. Flange	10		

REVISION	DATE	DESCRIPTION
1	1977.02.21	PROJETS
2	1977.02.21	REVISION
3	1977.02.21	REVISION
4	1977.02.21	REVISION
5	1977.02.21	REVISION
6	1977.02.21	REVISION
7	1977.02.21	REVISION
8	1977.02.21	REVISION
9	1977.02.21	REVISION
10	1977.02.21	REVISION
11	1977.02.21	REVISION
12	1977.02.21	REVISION
13	1977.02.21	REVISION
14	1977.02.21	REVISION
15	1977.02.21	REVISION
16	1977.02.21	REVISION
17	1977.02.21	REVISION
18	1977.02.21	REVISION
19	1977.02.21	REVISION
20	1977.02.21	REVISION

AM00404

BEAM DUMP
 Ensemble
 CERN
 SI 3.83.1008.0

2012/06/27 11:42:56

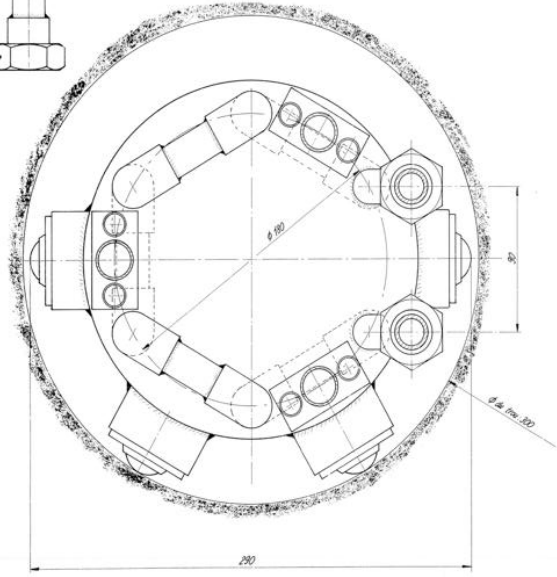
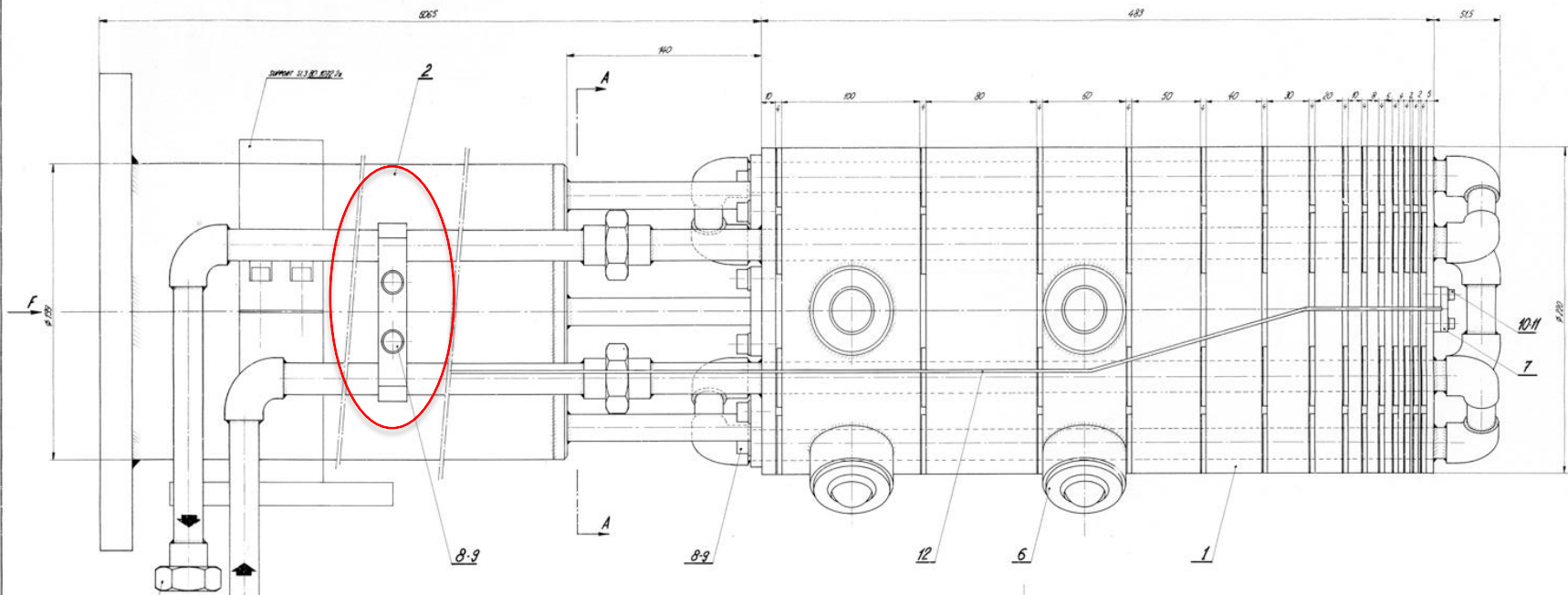
0 cm



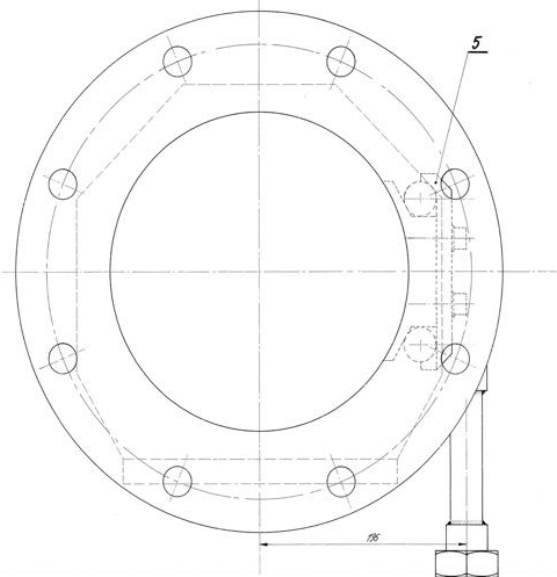
2012/06/27 11:38:27

0 cm





COUPE AA



VUE SUIVANT F

NOTA:
 Poids total ~ 200 kg
 Poids beam dump ~ 150 kg
 Pression d'eau: 15 atm

DESCRIPTION	QTY	REMARKS	DATE
1. Thermocouple 2 ABX 25	10		
2. Flange	10		
3. VCS CVC	10		
4. Flange	10		
5. VCS CVC	10		
6. VCS CVC	10		
7. VCS CVC	10		
8. VCS CVC	10		
9. VCS CVC	10		
10. VCS CVC	10		
11. VCS CVC	10		
12. VCS CVC	10		

DESCRIPTION	QTY	REMARKS	DATE
1. Beam dump	1		
2. Beam dump	1		
3. Beam dump	1		
4. Beam dump	1		
5. Beam dump	1		
6. Beam dump	1		
7. Beam dump	1		
8. Beam dump	1		
9. Beam dump	1		
10. Beam dump	1		
11. Beam dump	1		
12. Beam dump	1		

AM00404

BEAM DUMP
 Ensemble
 CERN
 SI 3.83.008.0

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0 cm



CONCLUSIONS

- No sign of catastrophic damage/corrosion
- Very little space for manoeuvring
- Ball bearings/supports look OK but could be stuck (?)
- Videos and photos on G:\Users\a\aperillo\Public\2012-06-27_Endoscopy_old_dump