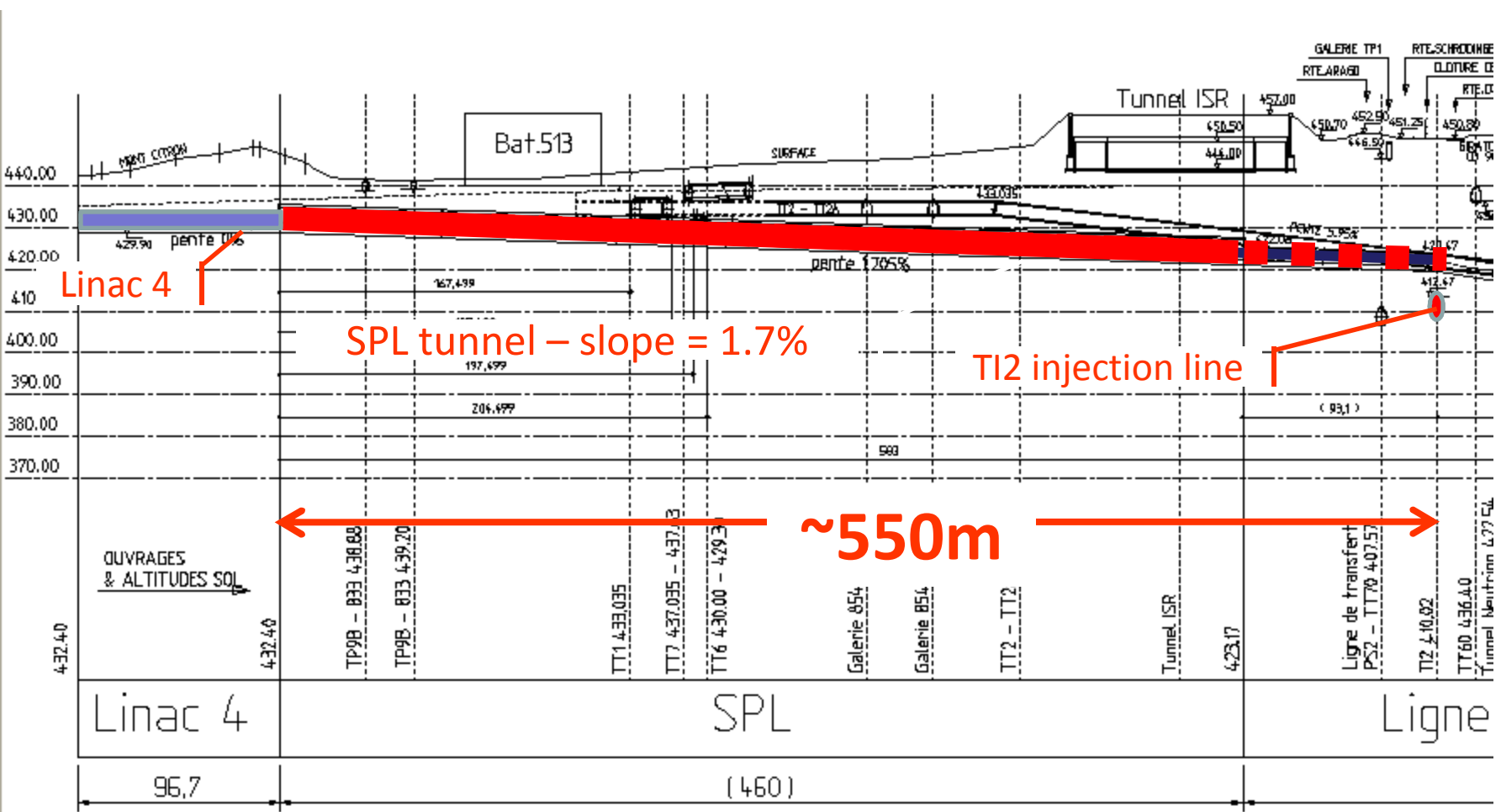


Cryo-module longitudinal layouts

T. Renaglia

Constraints on slope and length of the SPL

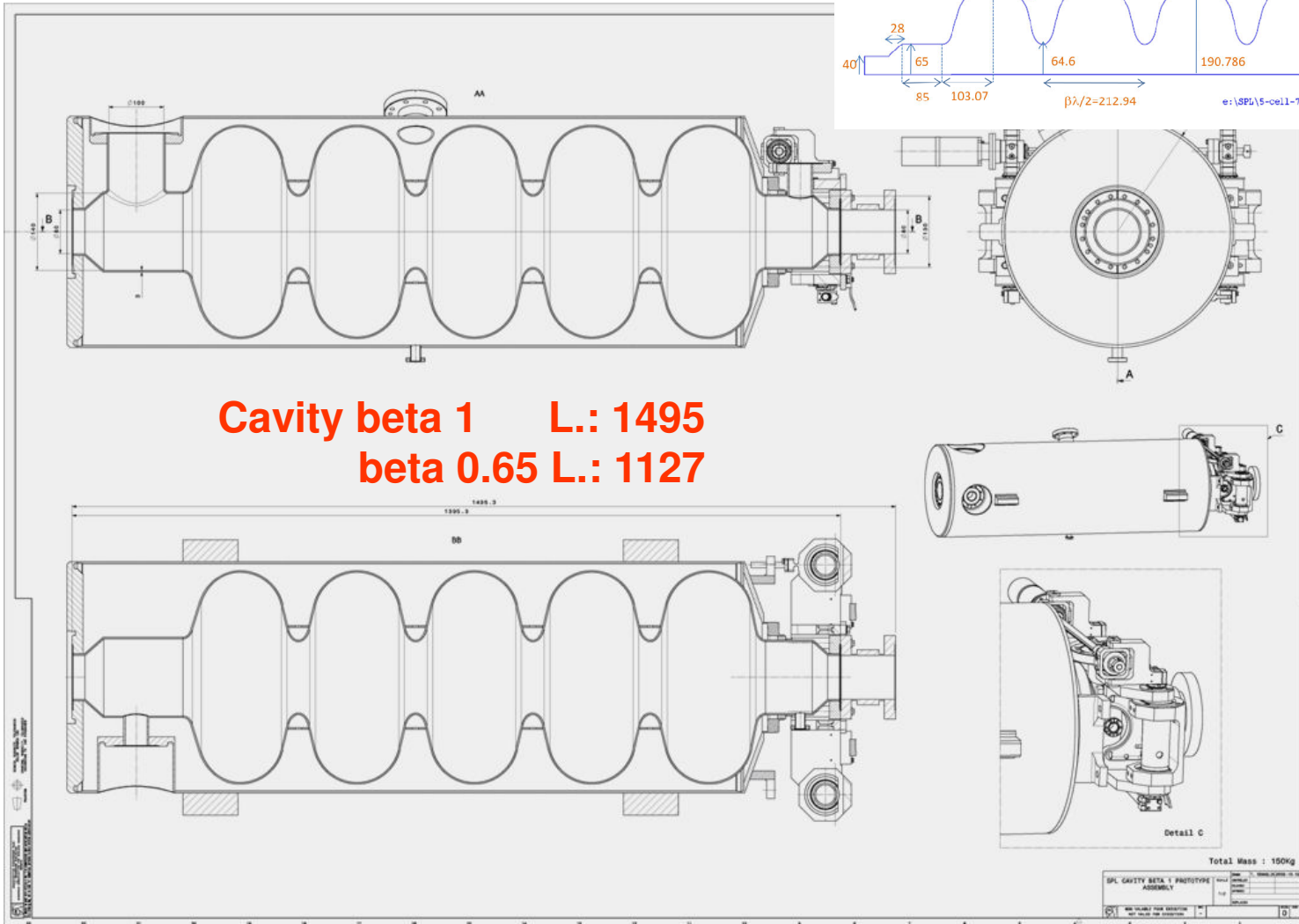
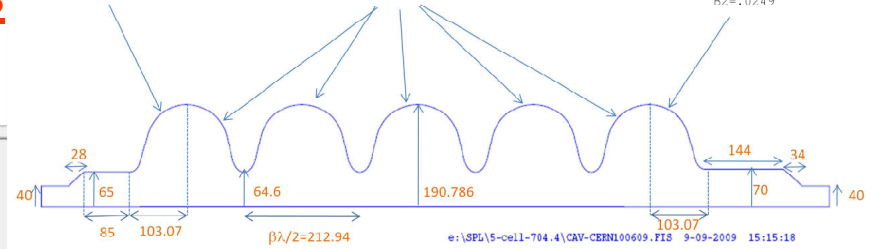


CEA Calculations

REX=-.190786
 RI=-.065
 AL=.10307
 A1=.07445
 E1=.08327
 ALPD=0.
 A2=-.0185
 B2=-.0249

REX=-.190786
 RI=.0646
 AL=.10647
 A1=.0775
 B1=-.0775
 ALPD=0.
 A2=.0221
 B2=.0351

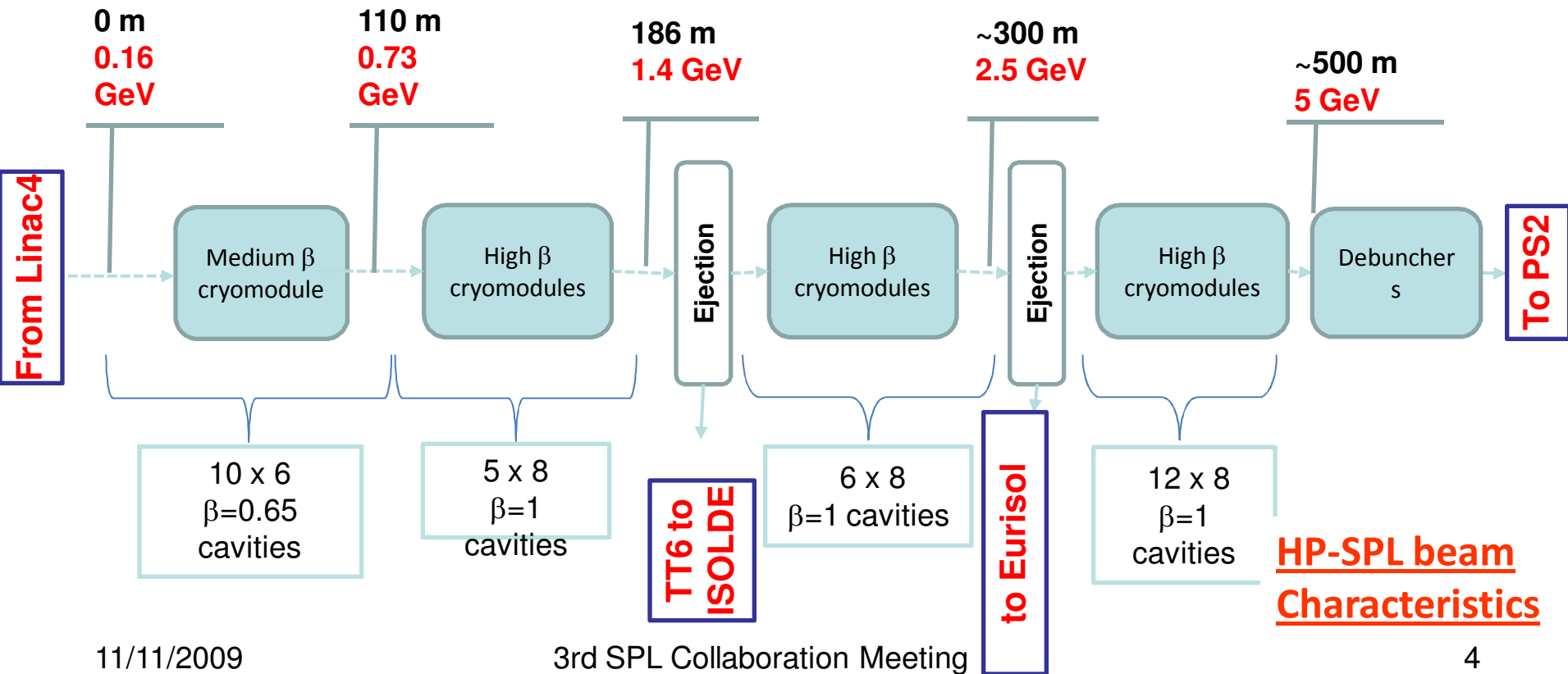
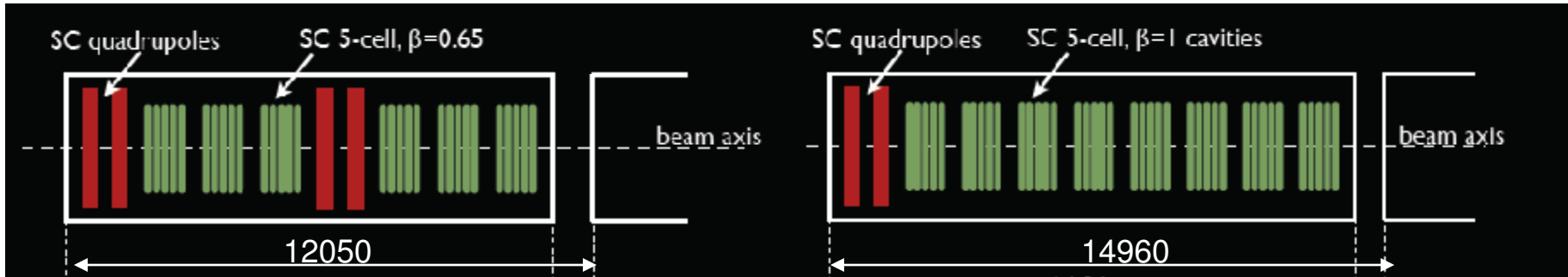
REX=-.190786
 RI=.070
 AL=.10307
 A1=.07445
 B1=.07689
 ALPD=0.
 A2=-.0185
 B2=-.0249



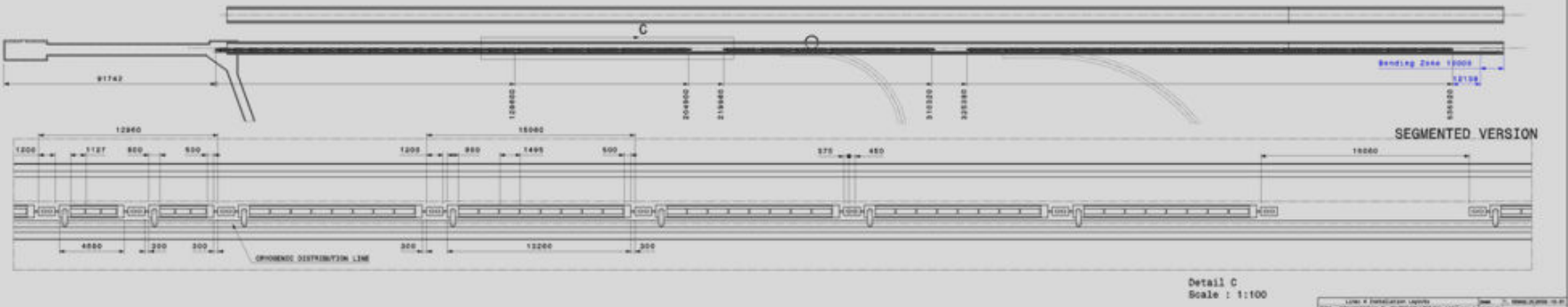
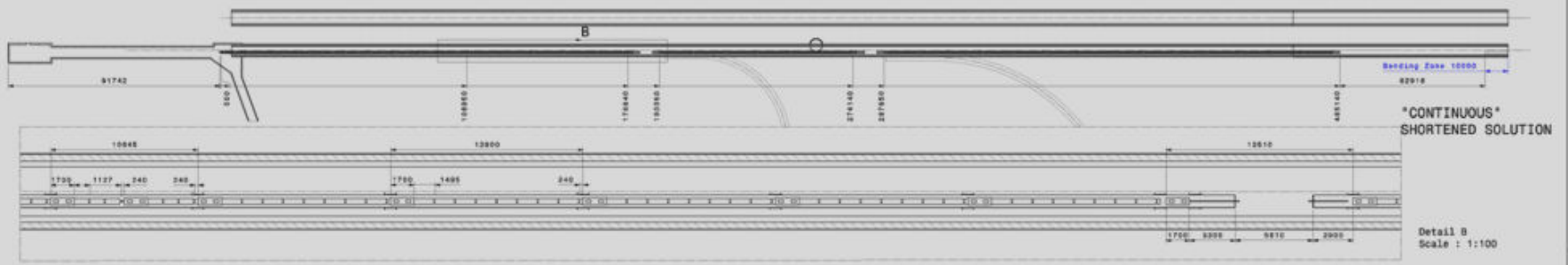
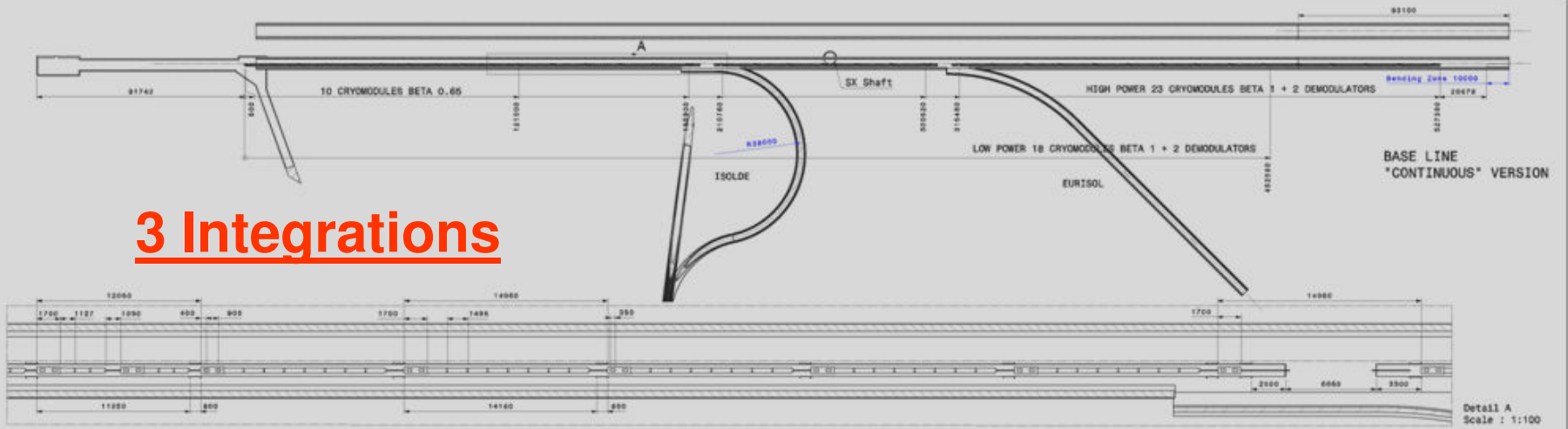
Cavity beta 1 L.: 1495
beta 0.65 L.: 1127

Total Mass : 150Kg	
SPL CAVITY BETA 1 PROTOTYPE ASSEMBLY	REV: 1
DATE: 09/09/09	TIME: 15:15:18
DESIGNED BY: [blank]	CHECKED BY: [blank]
DRAWN BY: [blank]	APPROVED BY: [blank]

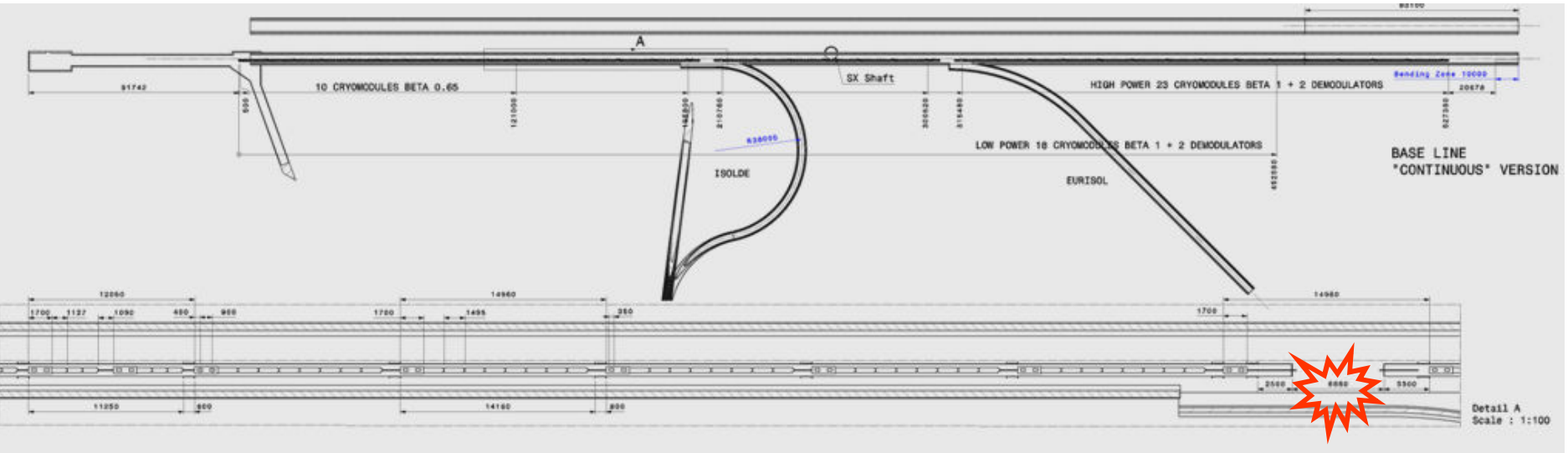
Cryo-module Lengths



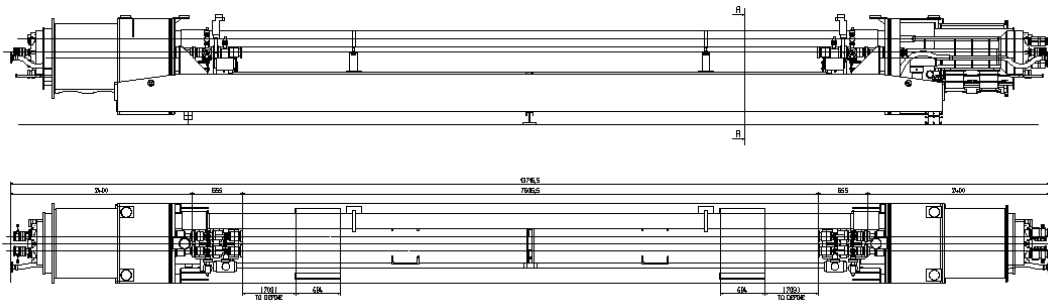
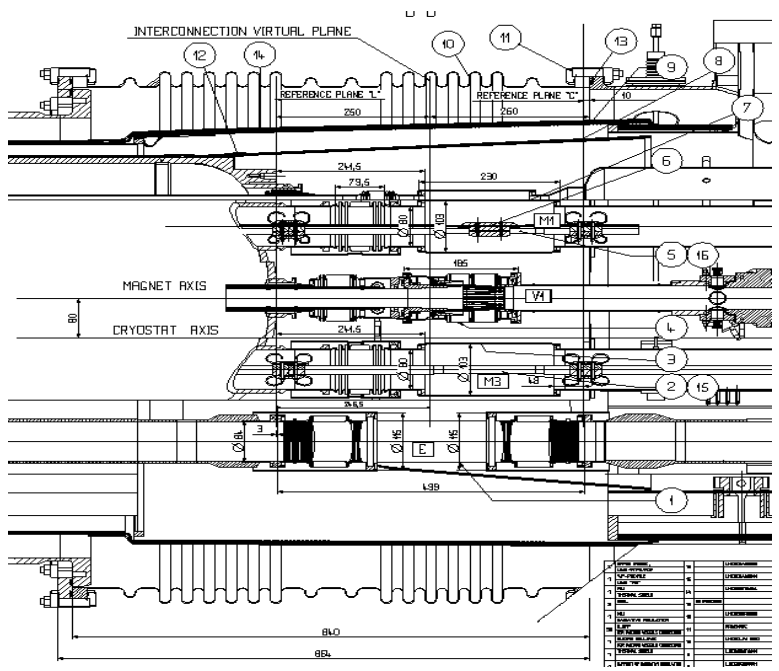
3 Integrations

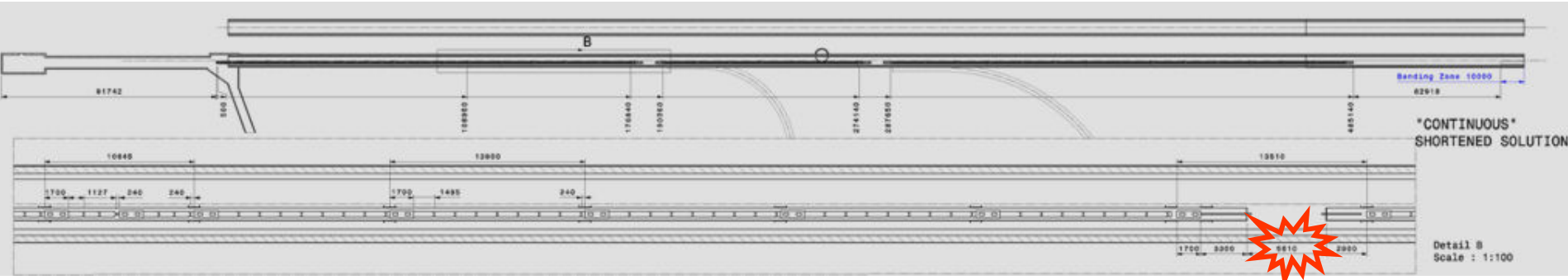


DATE: 11/11/2009	SCALE: 1:100	PROJECT: SPL CRYOMODULE INTEGRATION V2	DESIGNER: SPLLJL
APP: SPLLJL	CHK: SPLLJL	DATE: 11/11/2009	SCALE: 1:100
SPL CRYOMODULE INTEGRATION V2			SPLLJL_0014

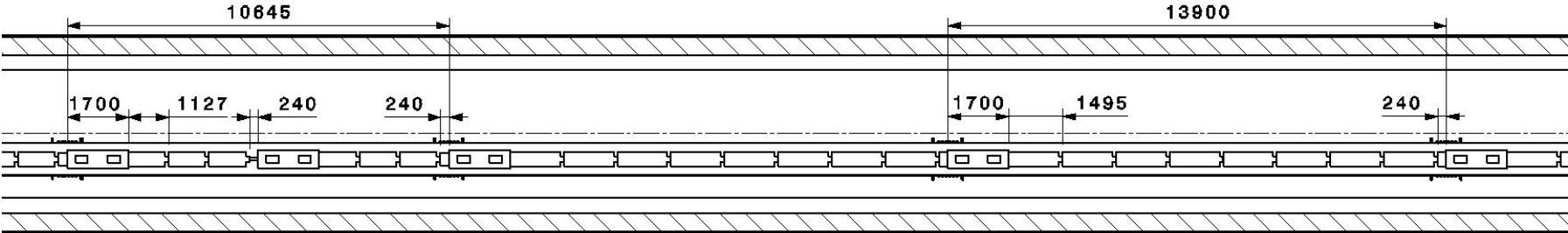


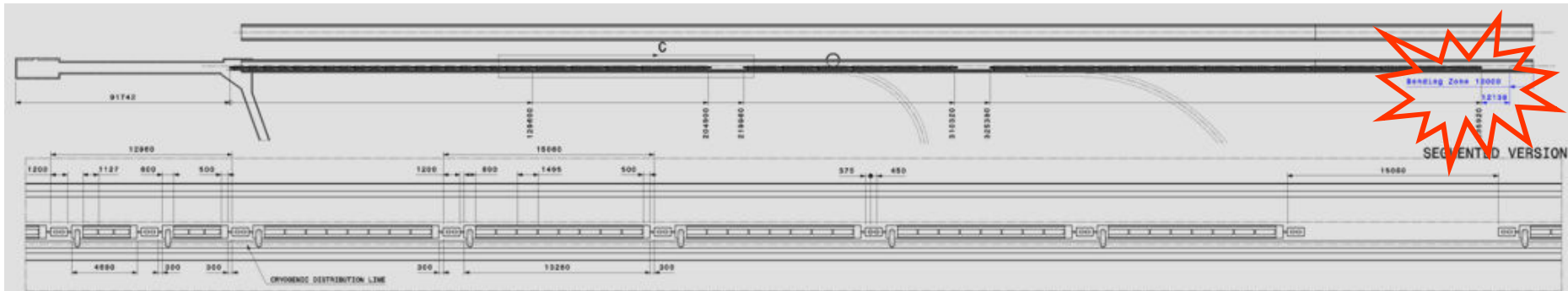
Based on SSS / Dipole interconnect of LHC and FP 420 Connection Cryostat



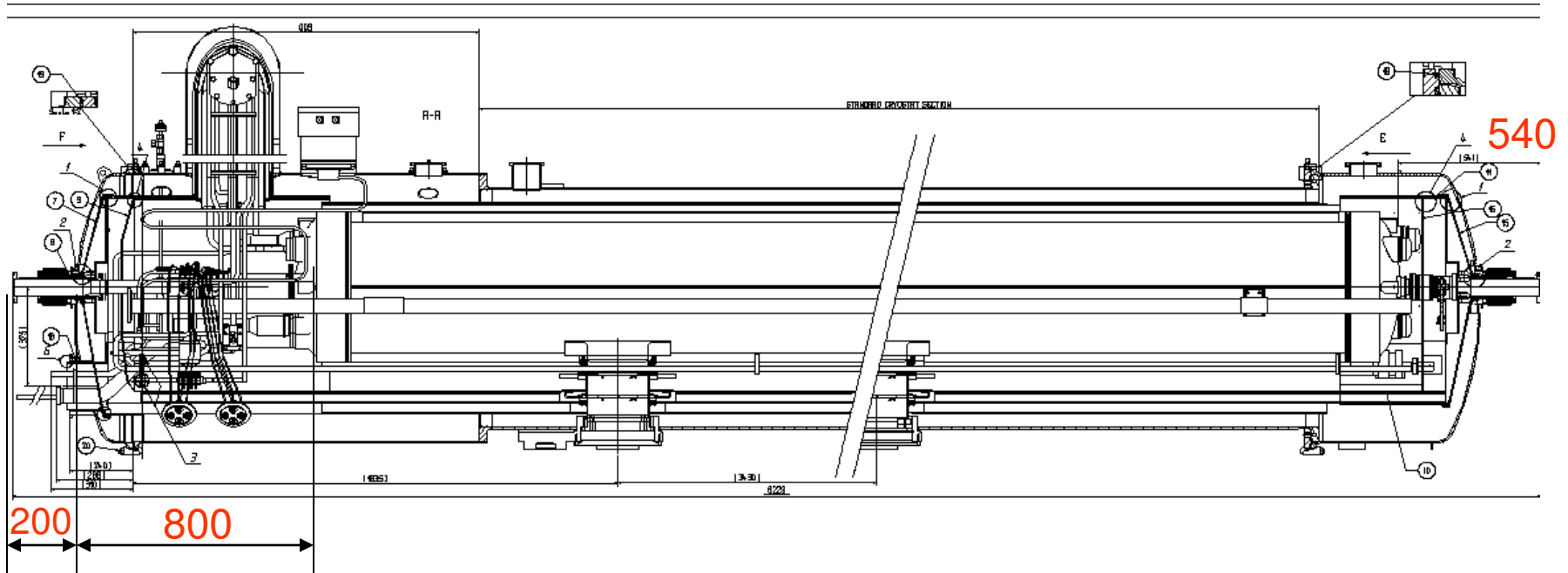


Minimum Length of Mechanical Integration





Based on LHC Standalone SSS



Thank you for your attention

Special Thanks to : Frank, Sylvain and Vittorio for Slides