ACTIVITIES PLAN

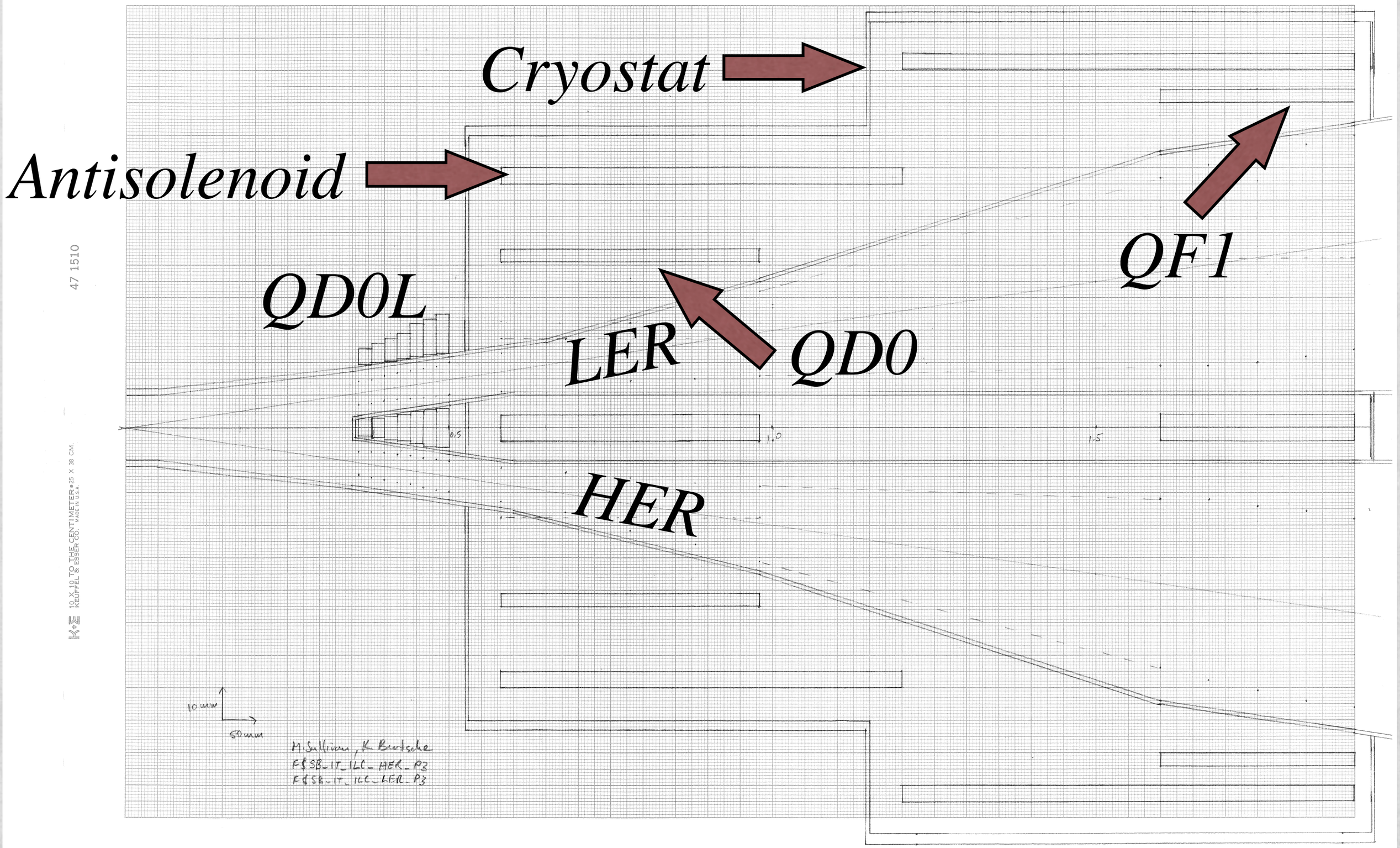
Eugenio

PHYSICS: WHAT?

- Radiative Bhabha (BBREM)
- Pairs production (Diag36)
- Touschek (Manuela's tool)
- Beam gas (Turtle? Manuela's tool?)
- Beam halo (Life track?)
- Injection, Catastrophic events (?)

IR DESIGN

- The IR now coded in GDML is outdated
- Mike Sullivan designed a new one
- Who is going to translate in GDML the new IR design? (~1 week)


Cryostat
Antisolenoid
QD0L
QF1
LER
QD0
HER
10 mm
50 mm
M. Sullivan, K. Bertsche
FSSB_IT_ILC_HER_P3
FSSB_IT_ILC_LER_P3

TIME LINE: WHEN?

- Radiative Bhabha (BBREM)
- Pairs production (Diag36)
- Touschek (Manuela's tool)
- Beam gas (Turtle? Manuela's tool? January?)
- Beam halo (Life track?)
- Injection, Catastrophic events (?)

January

CODE DEVELOPMENT

- Monte Carlo truth?
- New scorers for doses?
- New informations in the ntuple?

NON PHYSICAL PARAMETERS

- Production cuts: tuning speed vs accuracy
  - Small pre production?
- Physics list: we have to include neutron production

CPU & DISK

- Padova Farm (Roberto Stroili)
- Xrootd server to store and distribute the data
- Front end machine for code test & development?
- Job size: book keeping complexity vs speed

MAN POWER

- Book keeping?
- Job submission and management?
- If there will be a small pre production: 1 week person /detector in January is needed