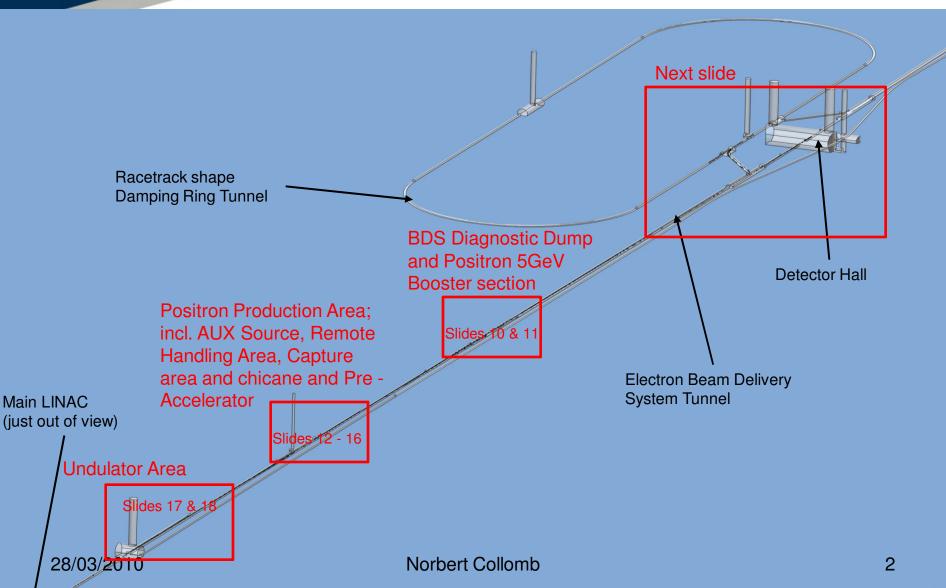


Interpretation of available data into CAD 3D virtual model to serve as true scale graphical representation.

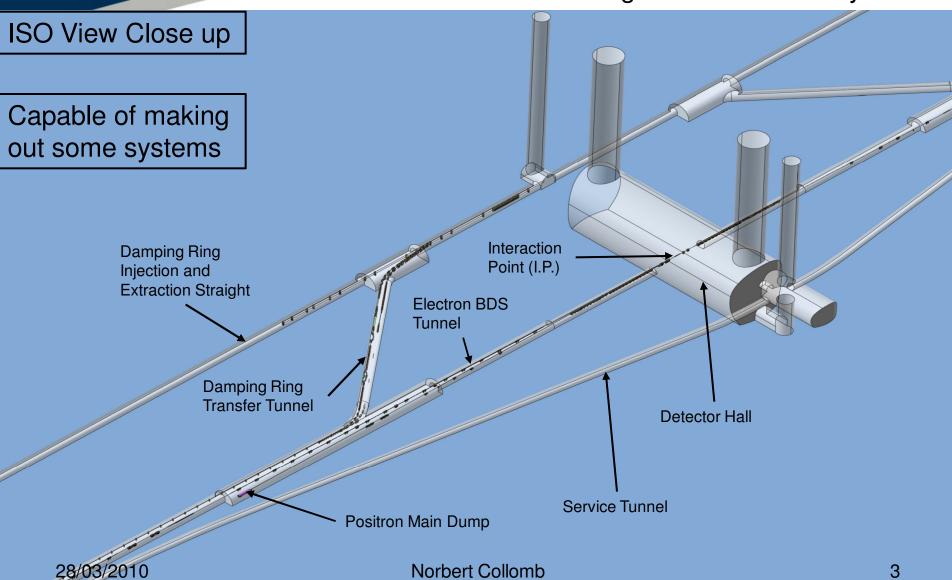
by N.Collomb

28/03/2010

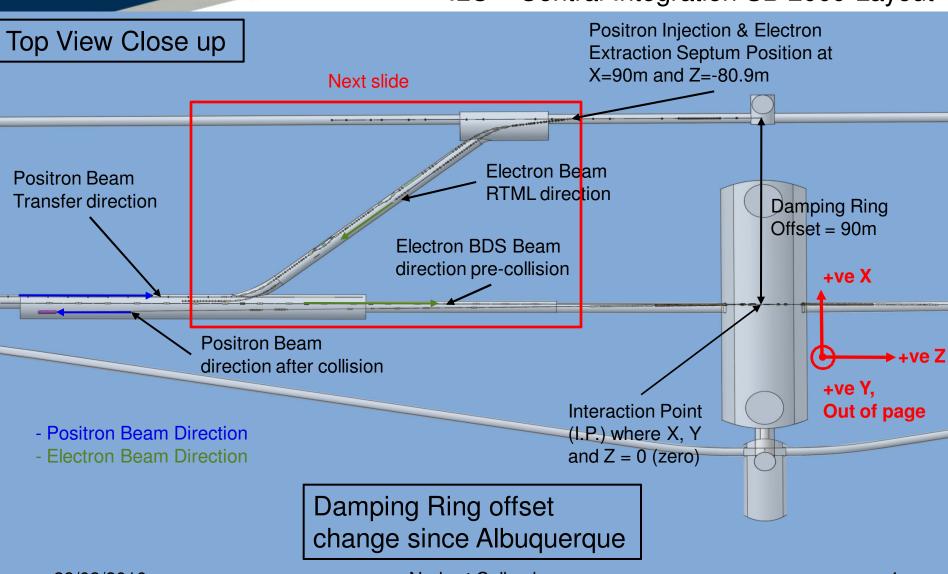












28/03/2010

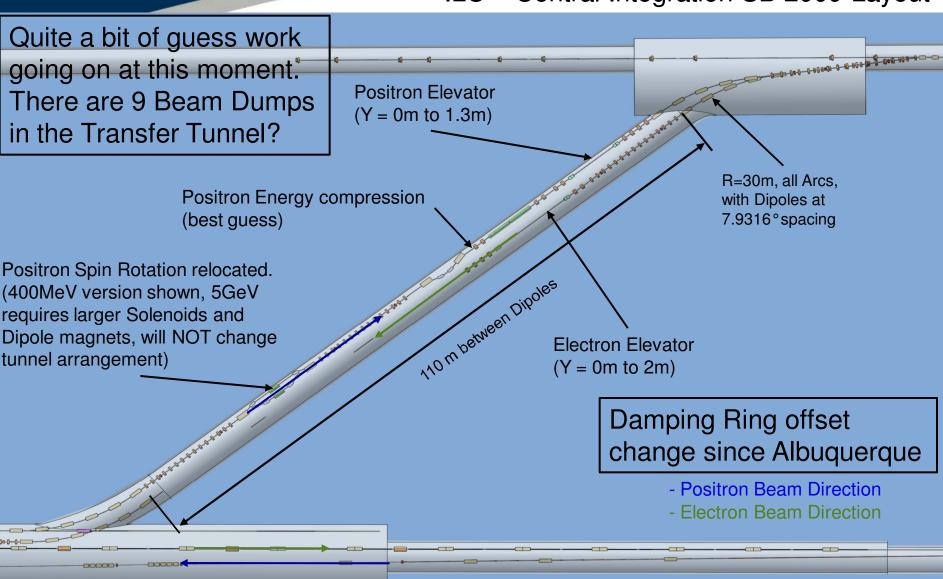
Norbert Collomb

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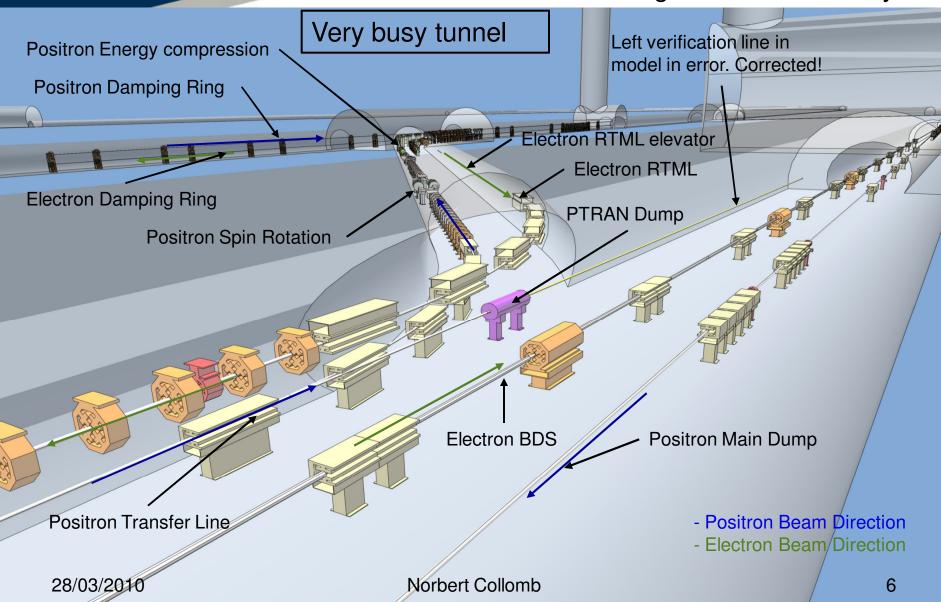
28/03/2010

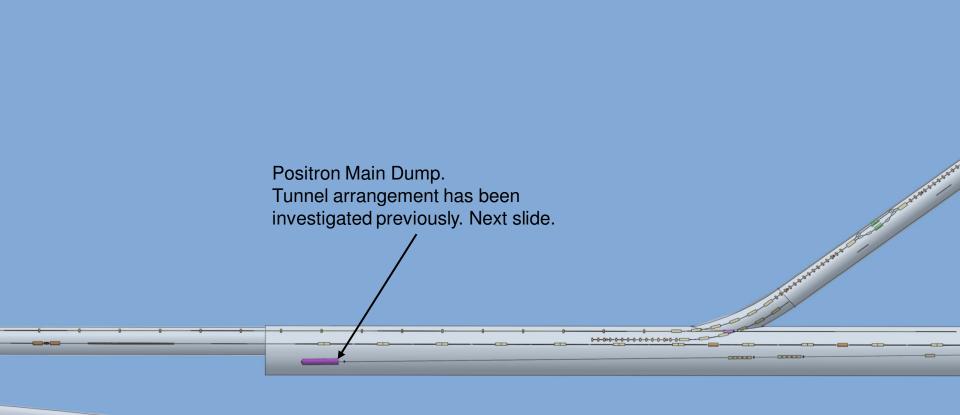
ILC – Central Integration SB 2009 Layout



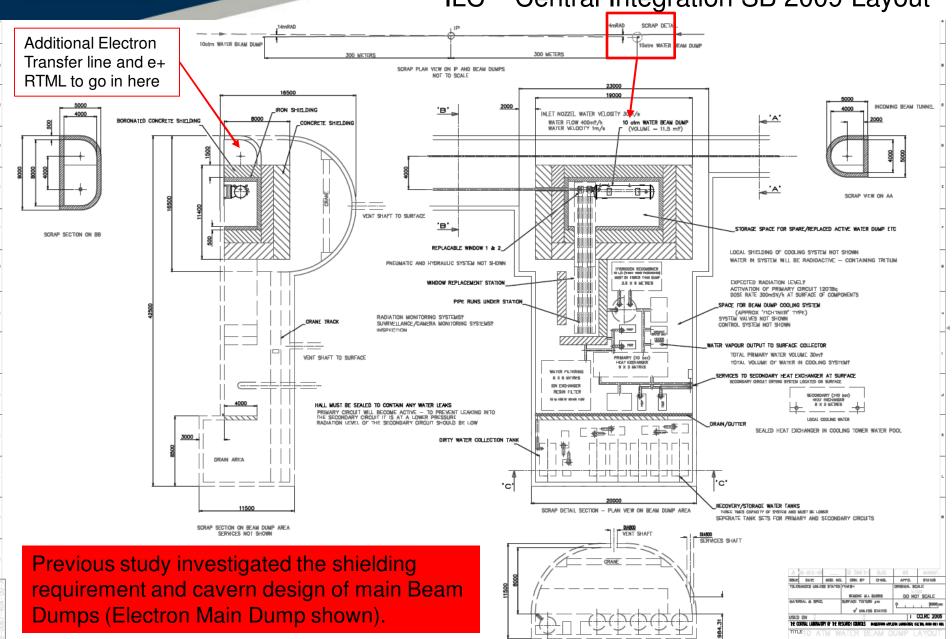
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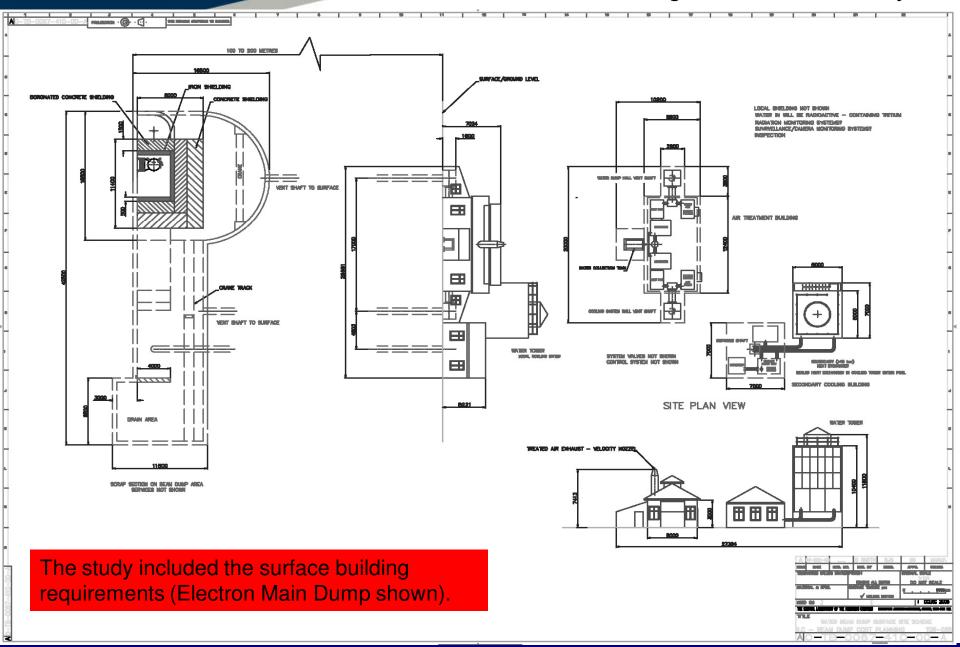




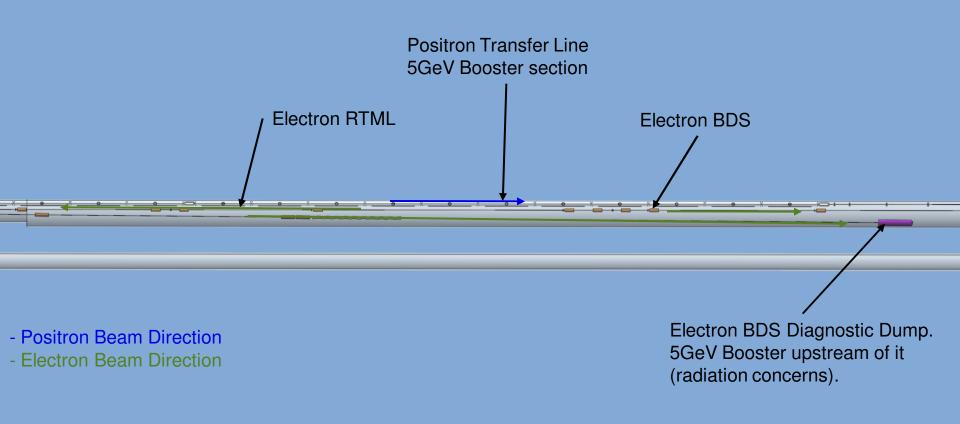




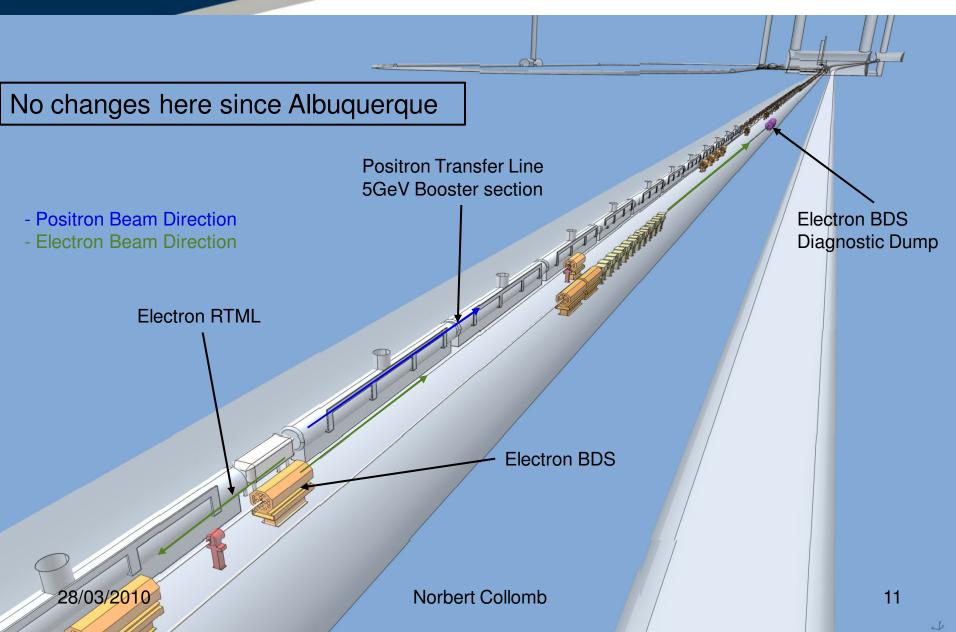




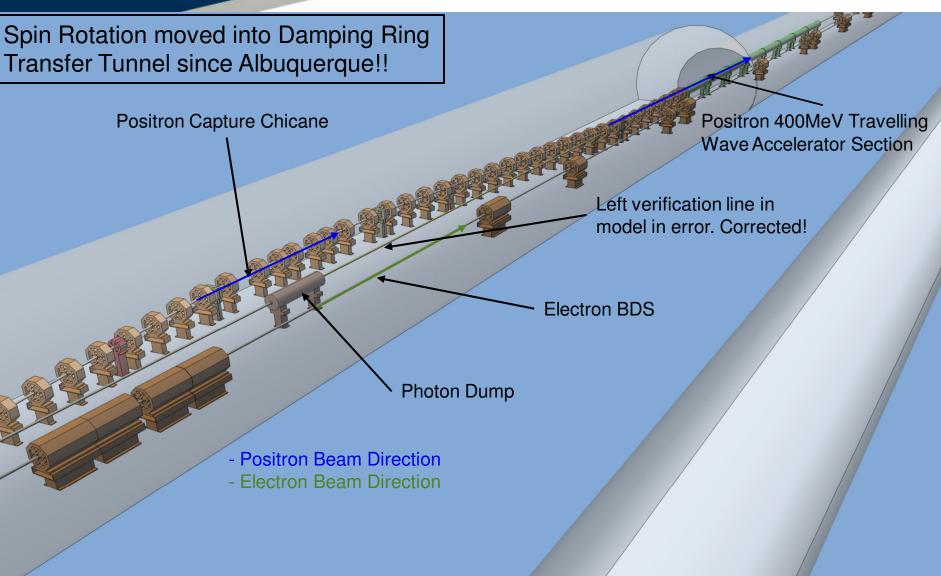
No changes here since Albuquerque



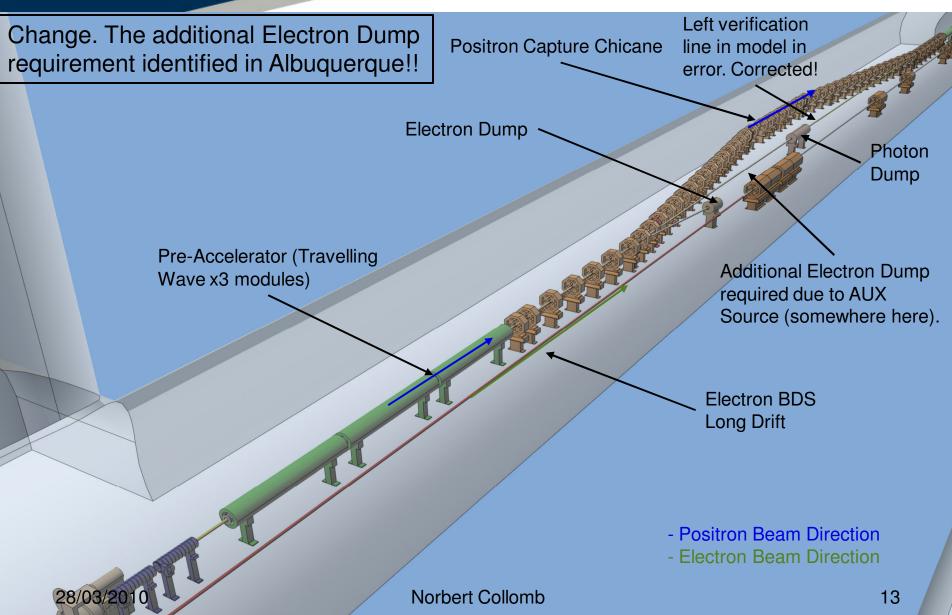




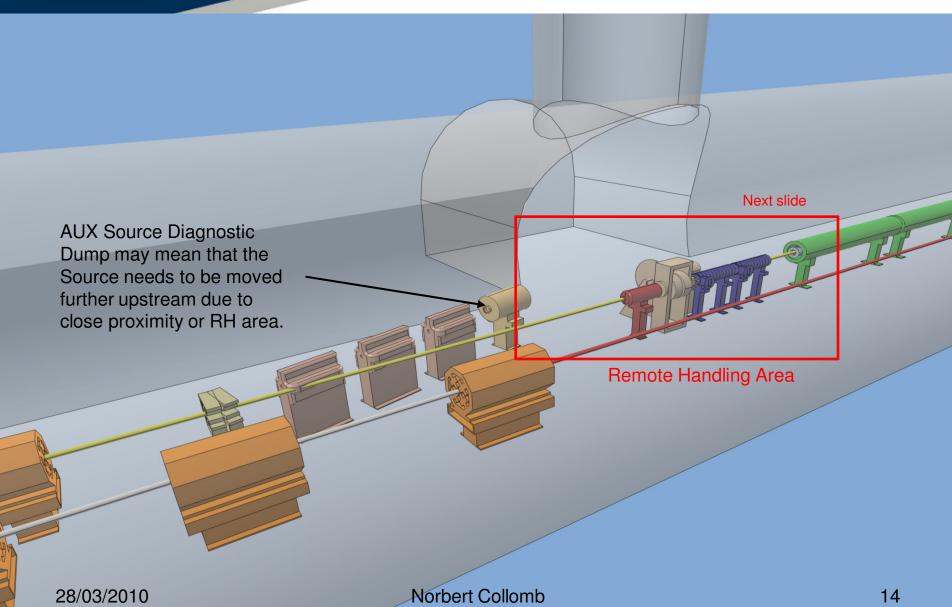




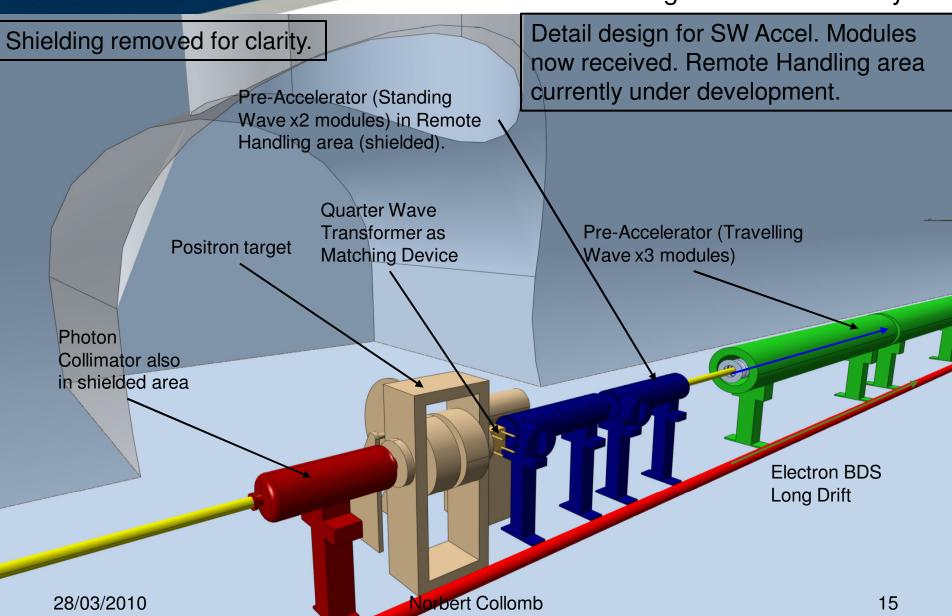




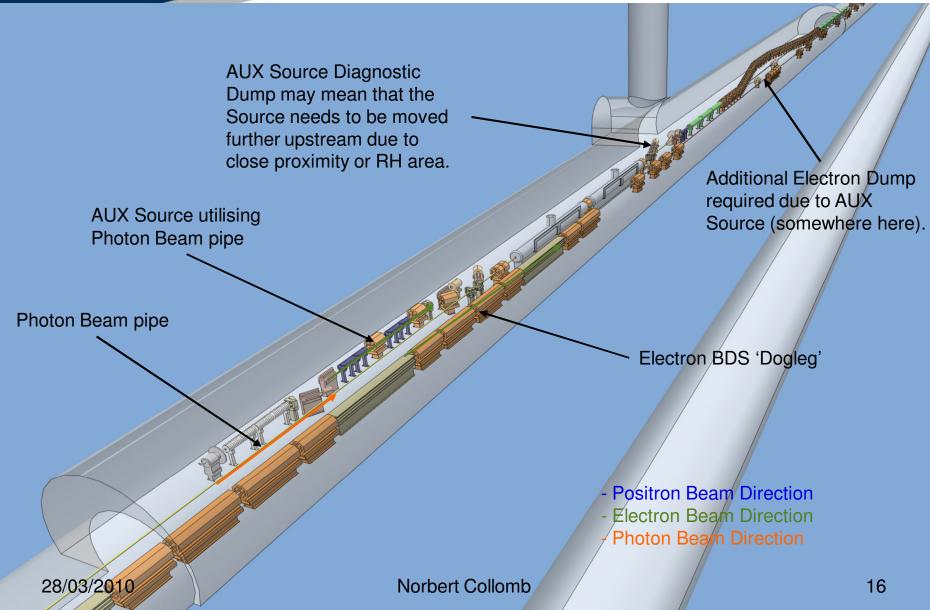










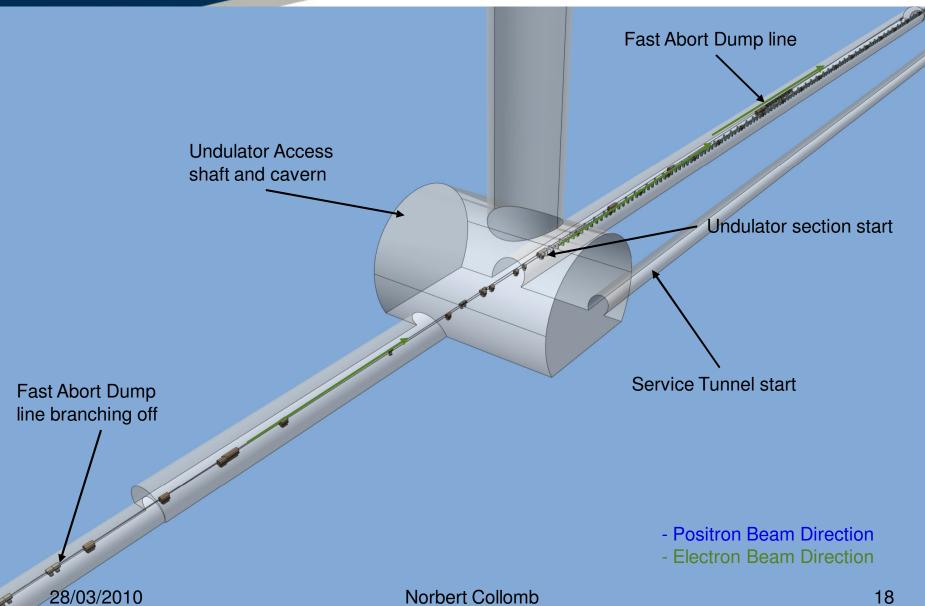




'Big' change since Albuquerque. 3 additional Undulator modules + 1 Quadrupole magnet due to 'Low Energy requirement'. **Fast Abort Dump** Undulator section

- Positron Beam Direction
- Electron Beam Direction







Summary:

- Relatively small changes since Albuquerque and Pre-AAP meeting at DESY in Dec. 2009.
- To get model and layout done some guess work had to be made especially in the Damping Ring Transfer Tunnel (but these are based on conversations with WG leaders). Components there are mainly place-holders awaiting confirmation.
- RTML requests have been taken into consideration. Length of elevator straight needs to be revised.
- No concerns from CF&S with regards to Damping Ring Tunnel being too close to Target Hall (yet?).
- Next level of detail can commence if all agree the solution presented is viable (Area System representatives) and the Undulator remains at the end of the Main LINAC (still uncertain at time of writing this).

Many thanks to all who contributed or aided otherwise.

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