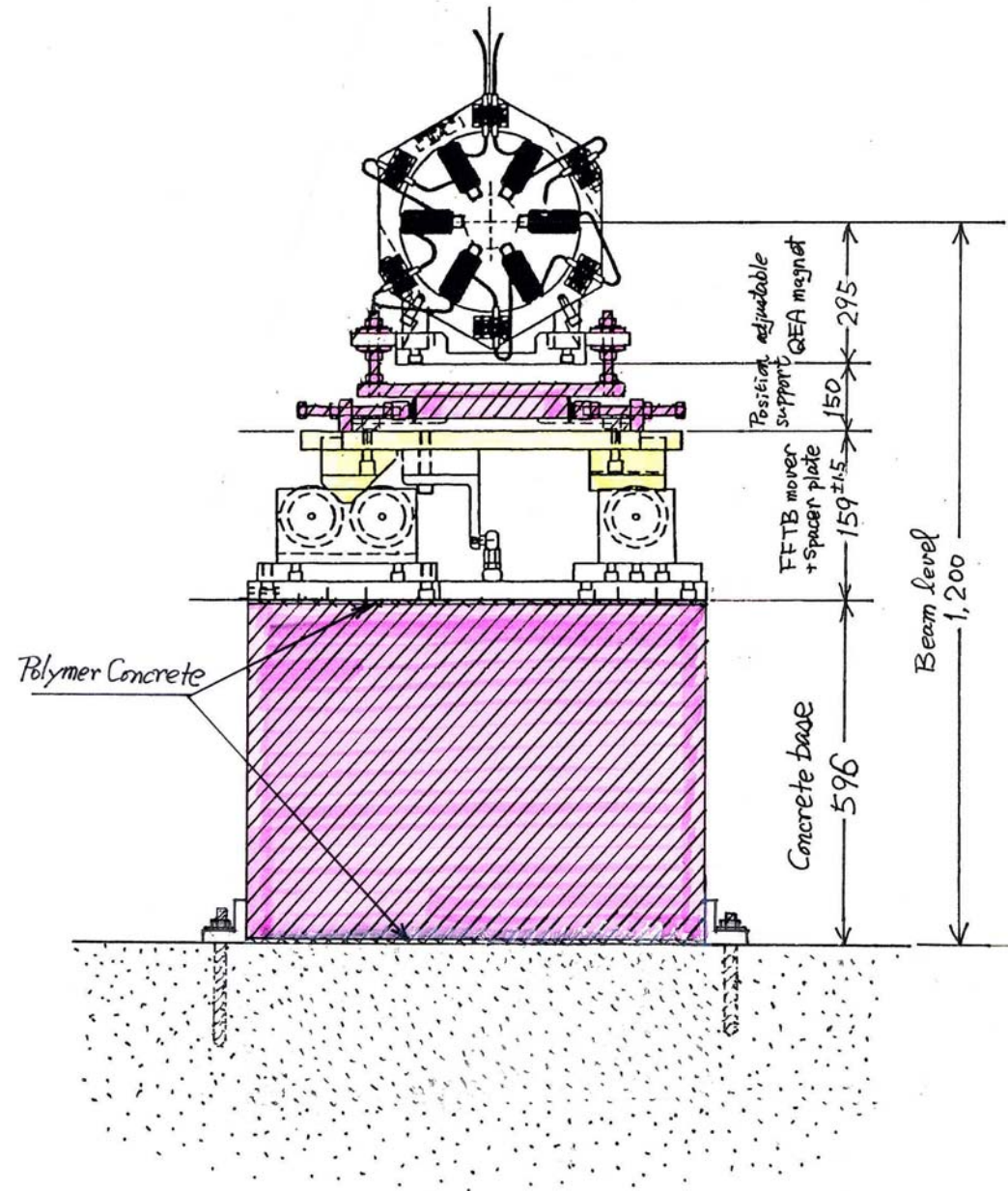




Magnet Support System

Ryuhei Sugahara

KEK



* Drawing is not scaled.

2006. 5. 17
R. Sugahara



- Spacer plates were made last fiscal year
Number of them is 28
- Concrete base blocks and position adjusting plates are made this fiscal year
- Existing magnets in the extraction line are moved to new position
- Do those existing magnets not need any new supports?



New magnets

Dipoles 3

--> Produced this fiscal year (SLAC group)

Beam line Quadrupoles 28

24 magnets were produced last fiscal year, and
4+1(spare) are produced this fiscal year

FF Quadrupoles 2

--> Reuse FFTB magnets

Sextupoles 5

--> Produced this fiscal year (SLAC group)

Octupoles 0 (?)

Steering magnets and Skew Q ?



- KEK will make concrete base blocks for all new magnets except for FF quads
- Who make position adjusting plates for dipoles and sextupoles? KEK or SLAC?
- How many movers do we need, and which magnets need movers?



Schedule of this fiscal year, FY2006

Beam line quads

August rest 5 magnets will be delivered

Concrete base blocks and position adjusting plates

Middle of July position of magnets has to be fixed
End of July finish design
Early August ordered to companies
January get delivery

FFTB cam movers

August (?) come to KEK