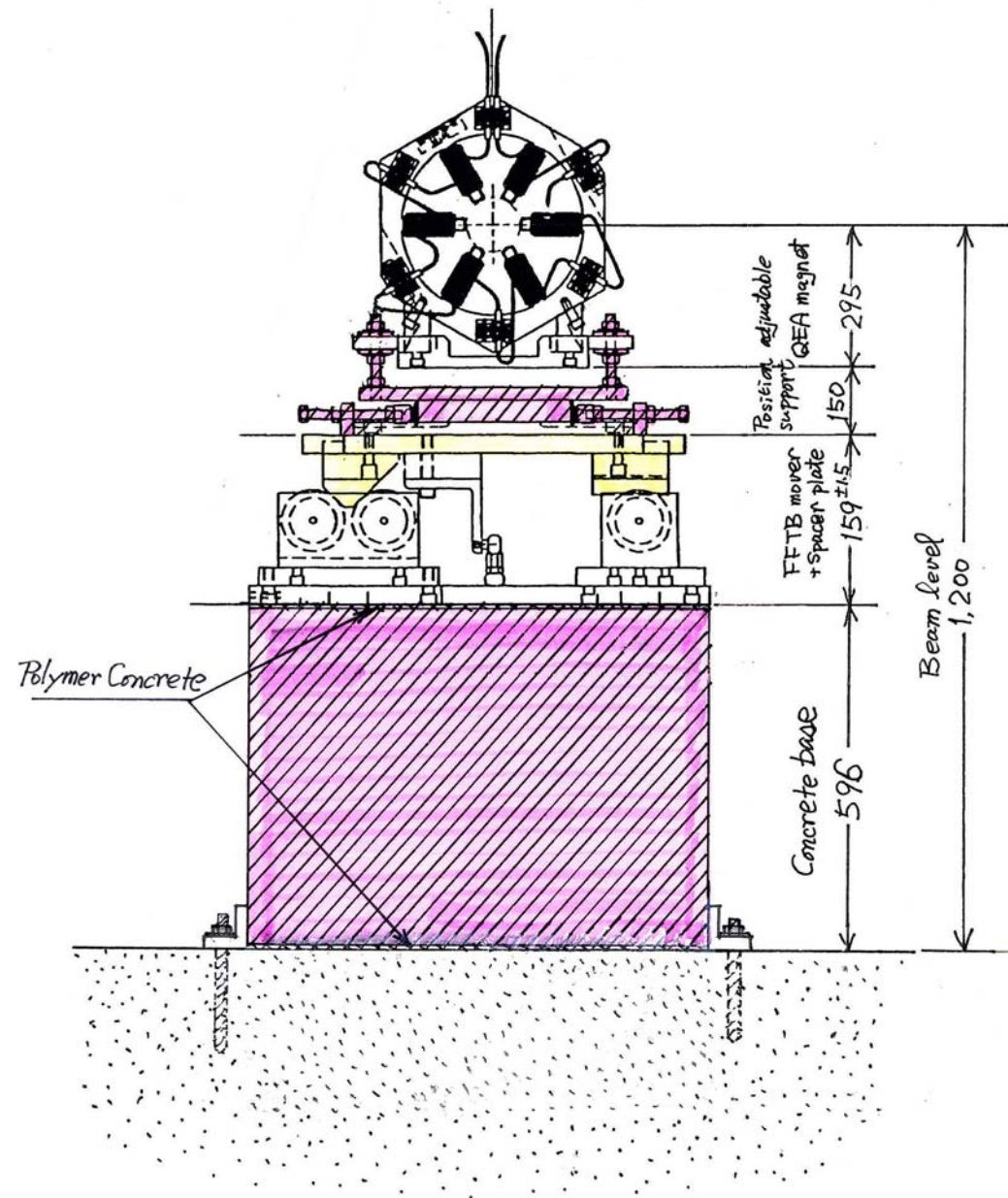




# Magnet Support System

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**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 ?



- 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