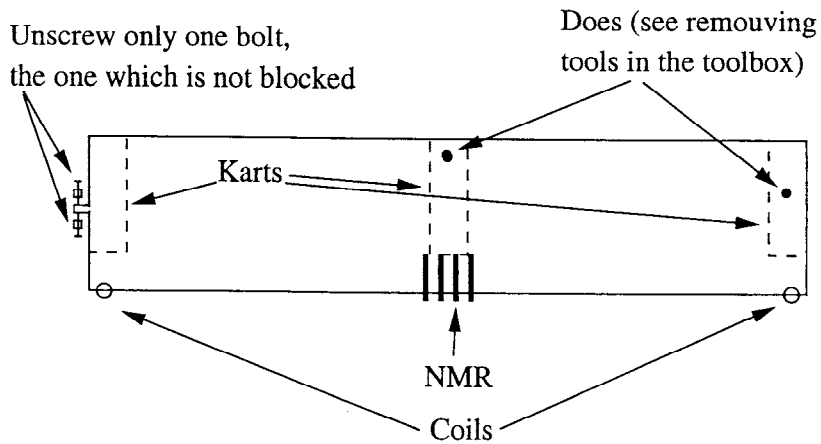


Side/end view

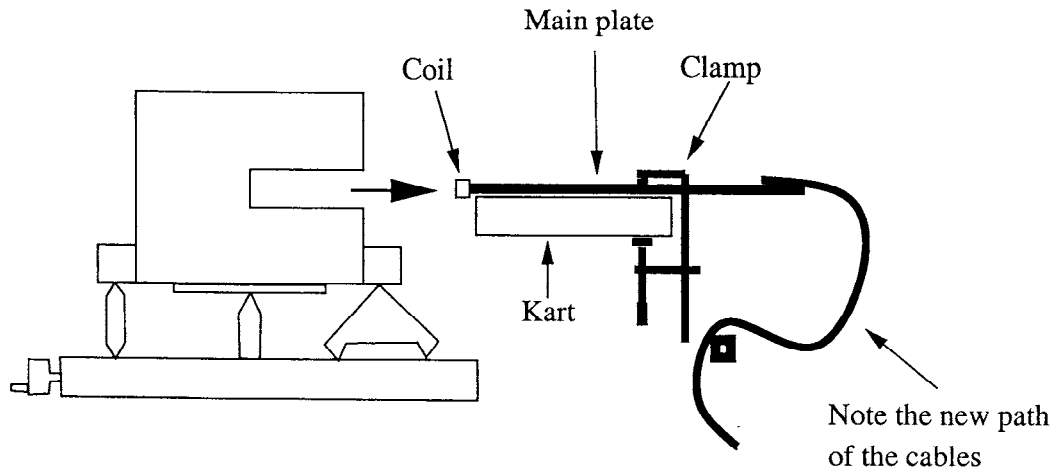
0-set the main plate at its central position ($z=1604\text{mm}$) and turn OFF the motor power box (see ARC operations, section #30)

1- Remove current lead, cover (3 items) and the tube

1bis-dismount the main plate from the 3 karts:

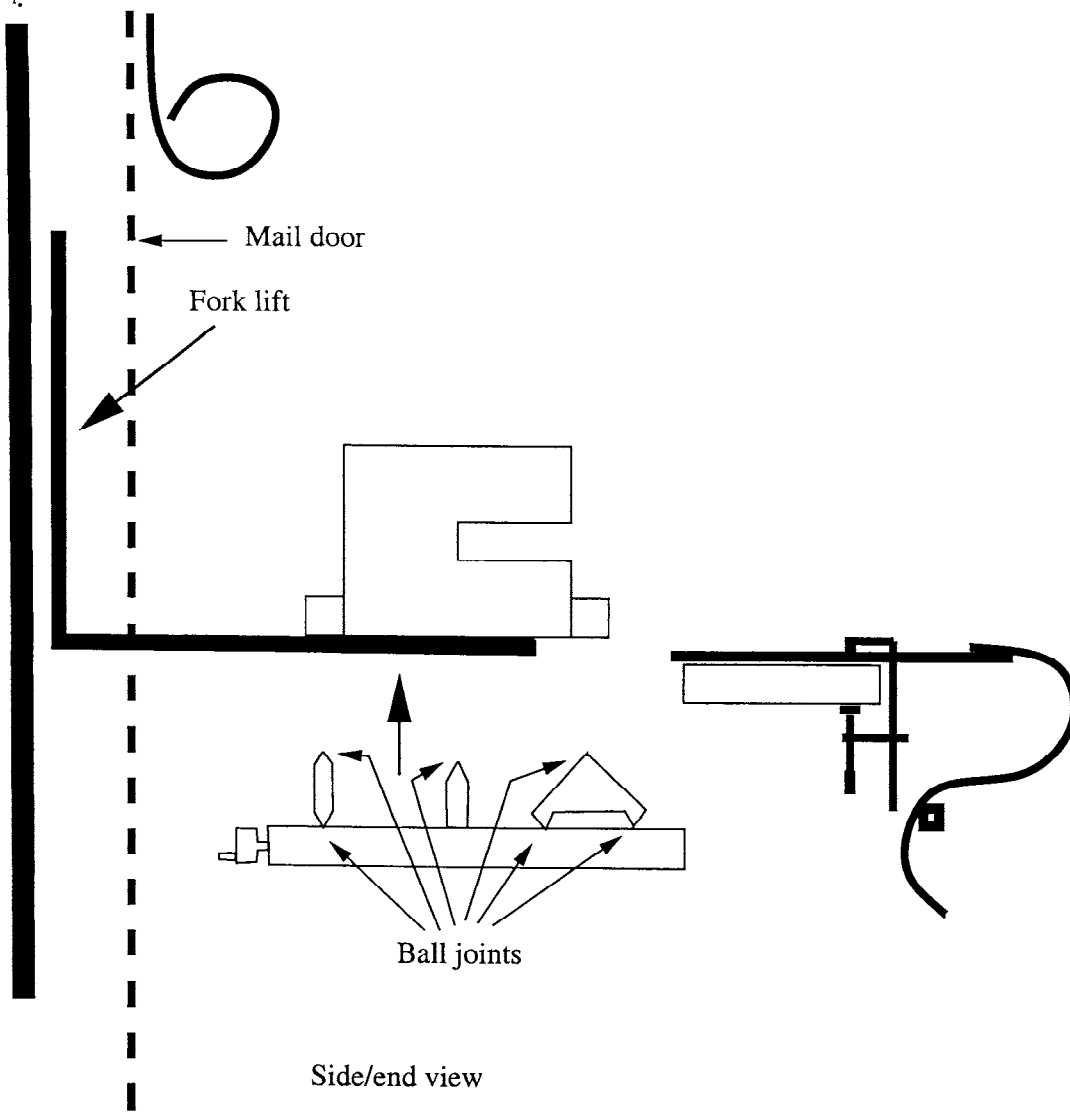


TOP VIEW

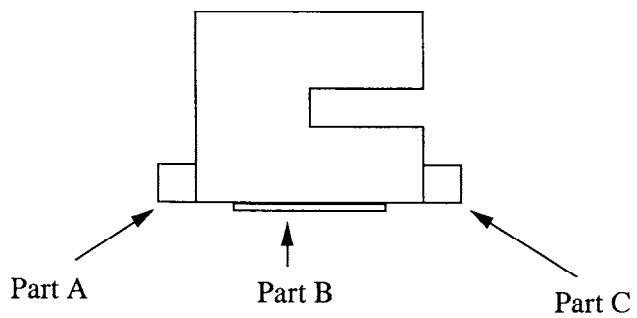


Side/end view

2-dismount the main plate, move it at right (see figure) and clamp it safely on its karts in its new position



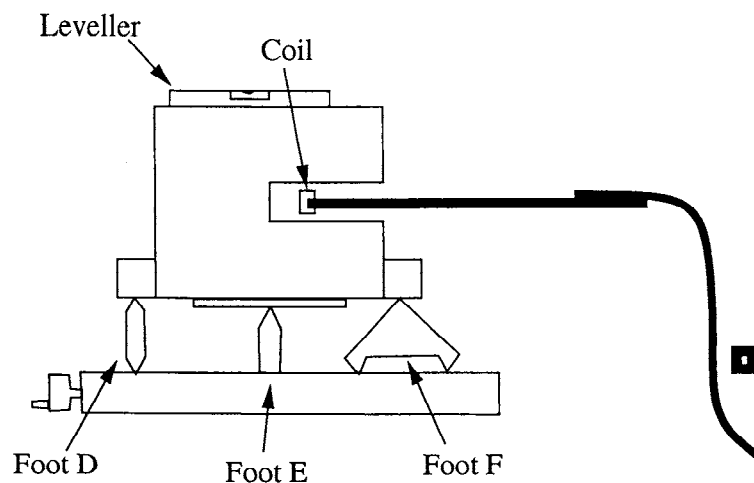
3-Lift the magnet (the fork lift itself stays outside the building, just the end of the fork penetrates through the main door)



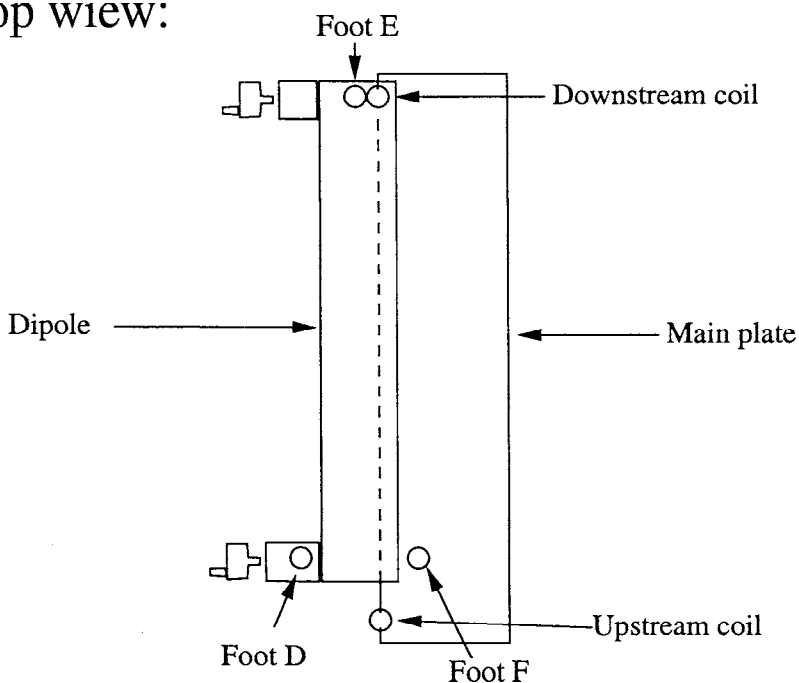
Side/end view

- 4- Remove parts A, B and C from 9th magnet, mount them on the new magnet
- 5-install the new magnet on the measurement device
- 6-re-install the main plate in its initial position

Side/end view:



Top view:



7-Adjust feet D and F to get the transverse levelling

8-Turn manually the motor to have downstream coil in front of foot E

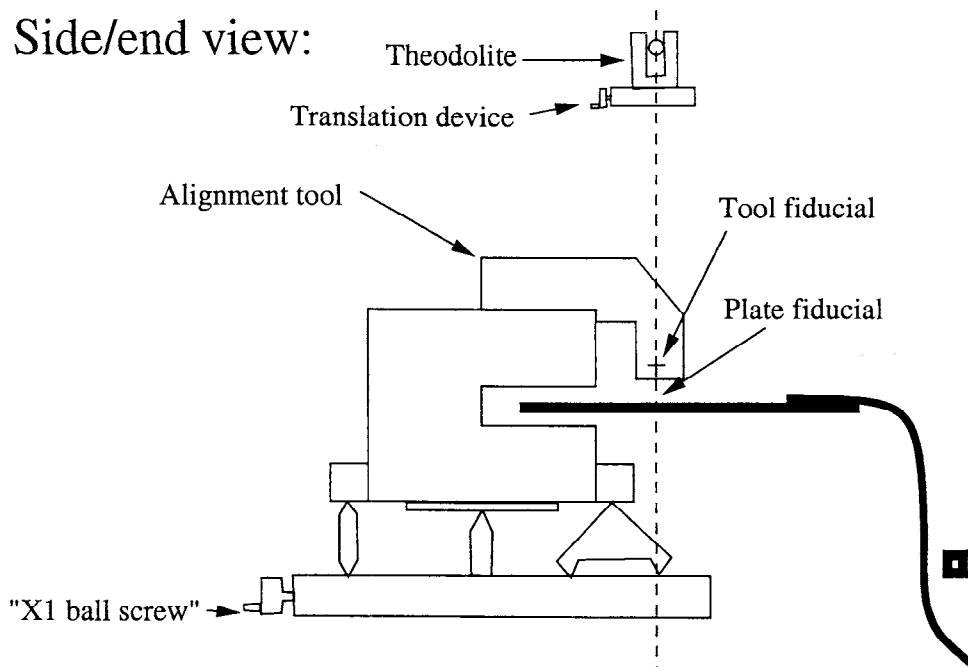
9-Adjust foot E to have the gap vertically centred on the down coil

10-Turn manually the motor to have the up coil in front of feet D/F

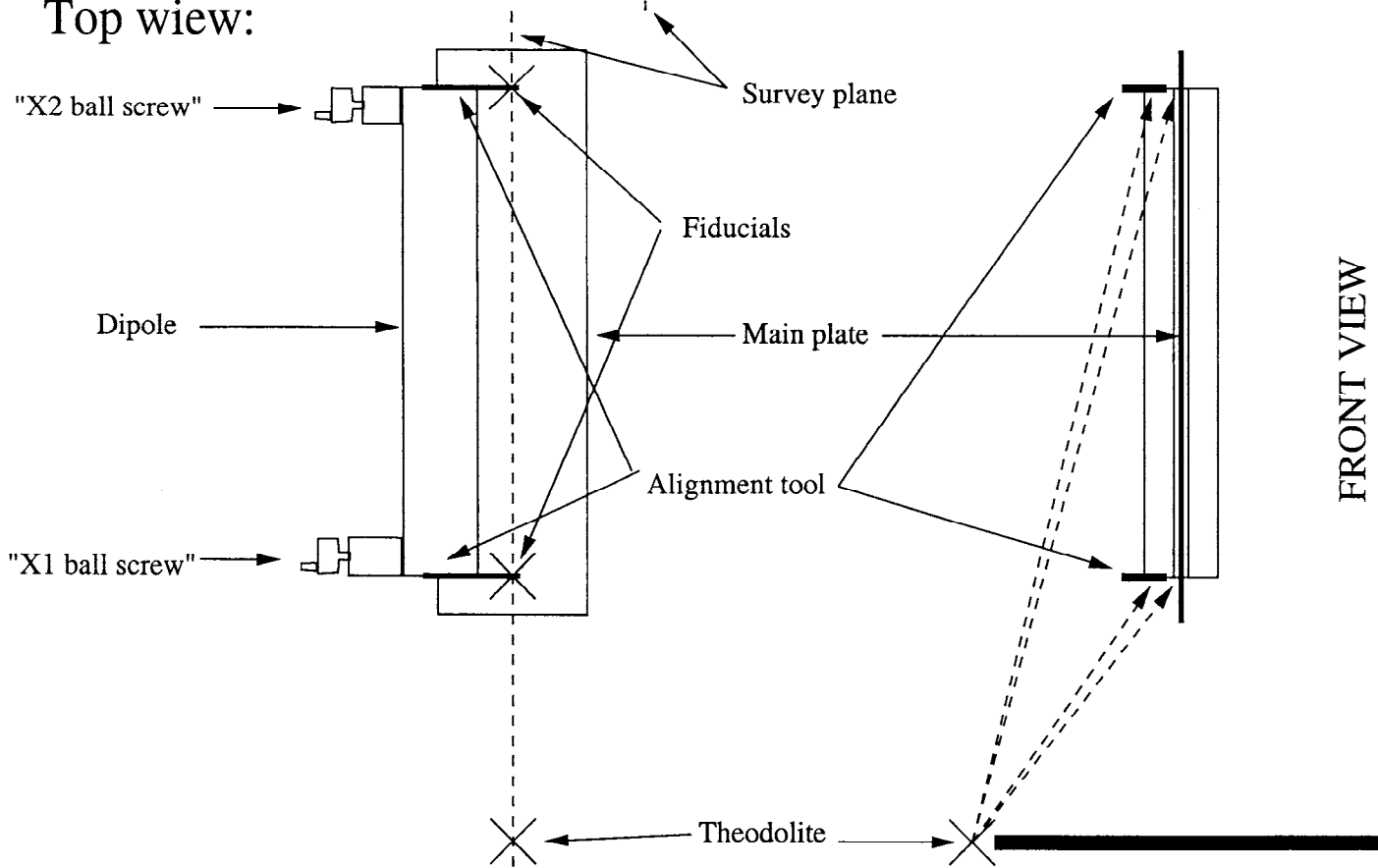
11-Adjust D and F to have the gap vertically centred on the up coil and a good transverse levelling

Important--> 12-Check the clearance between the main plate (coils and NMR probes) and the dipole (gap, coil wedges inside the gap and coil clamps outside the gap) by turning manually the motor through the full z range (from $z=0$ to $z=3200\text{mm}$)

Side/end view:



Top view:



The "survey plane" is the vertical plane containing both plate fiducials.

13-Adjust the theodolite in the survey plane, at about 2m height from the ground

14-Mount the "alignmant tools" on both ends of the dipole(they are stored close to the tool box)

15-Adjust "X1" and "X2" ball screws to get both tool fiducials in the survey plane. Note X1 and X2 readings

6-check again the clearance, turn ON the motor and reboot --->the magnet is at "X=0", ready to be mapped