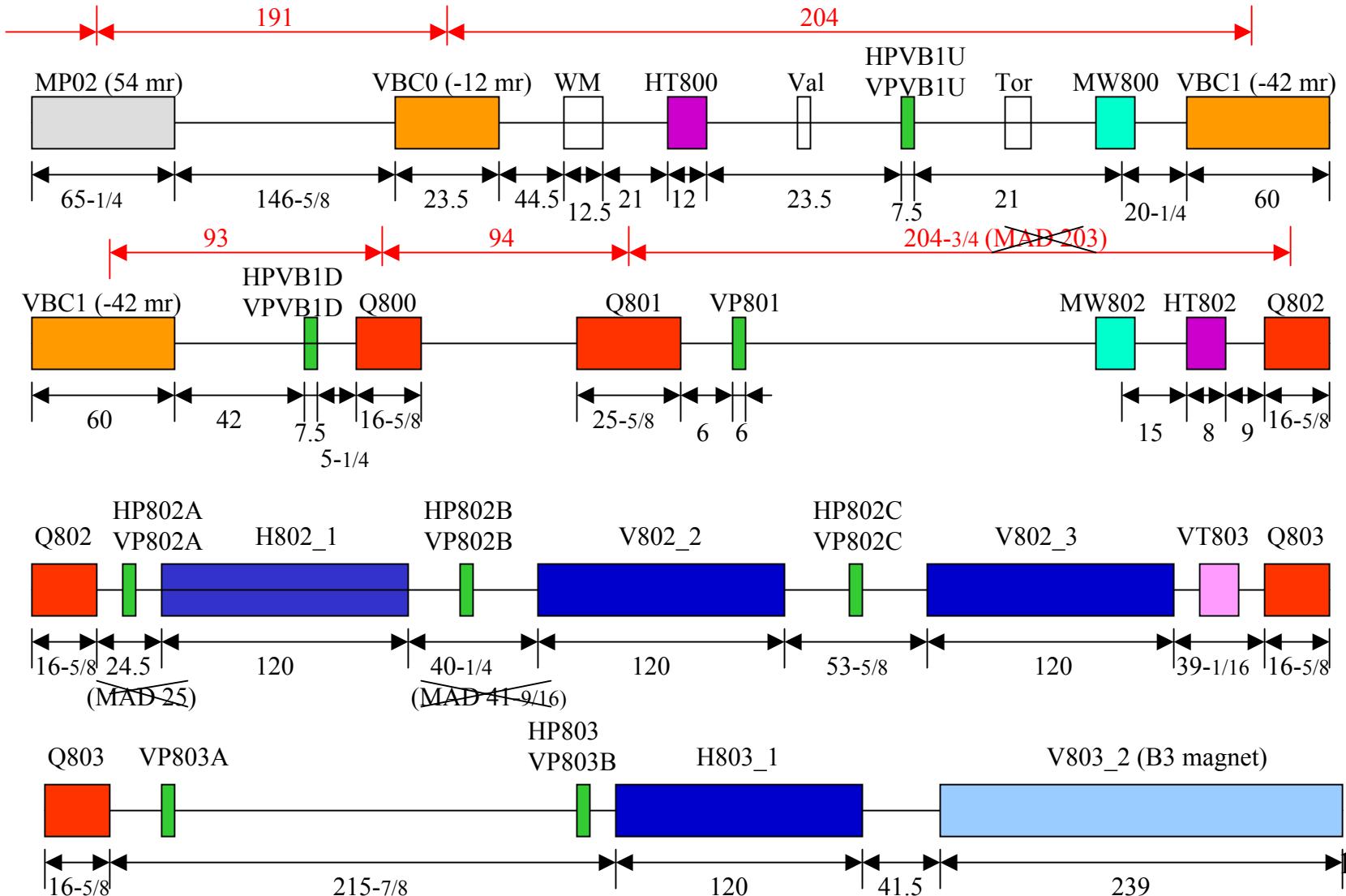


New MI-8 Line Layout

(Oct 29, 2003, unit in inches, not to scale)

109.71 (from D magnet)



Changes in the New MI-8 Line

- *VBC0*: new addition (C-magnet)
- *MP02*: slight movement in location and change in bending angle
- *VBC1*: slight change in bending angle
- *H802_1, V802_2, V802_3, H803_1*: new magnets with larger aperture and sagitta, replacing the old ones
- Corrections in the MAD file:
 - Use the measured component lengths (some of them are different from that in the present MAD file)
 - Switch the position of Multiwire *MW800* and BPM *HPVB1U/VPVB1U*
 - Move the BPM *HPVB1D/VPVB1D* closer to *Q800*
 - Change the trim dipoles *HT800* and *HT802* from “kicker” to “Rbend”
- Some discrepancies between measurement and the original MAD file in magnet spacing were found. The measured values are used in the new MAD file.