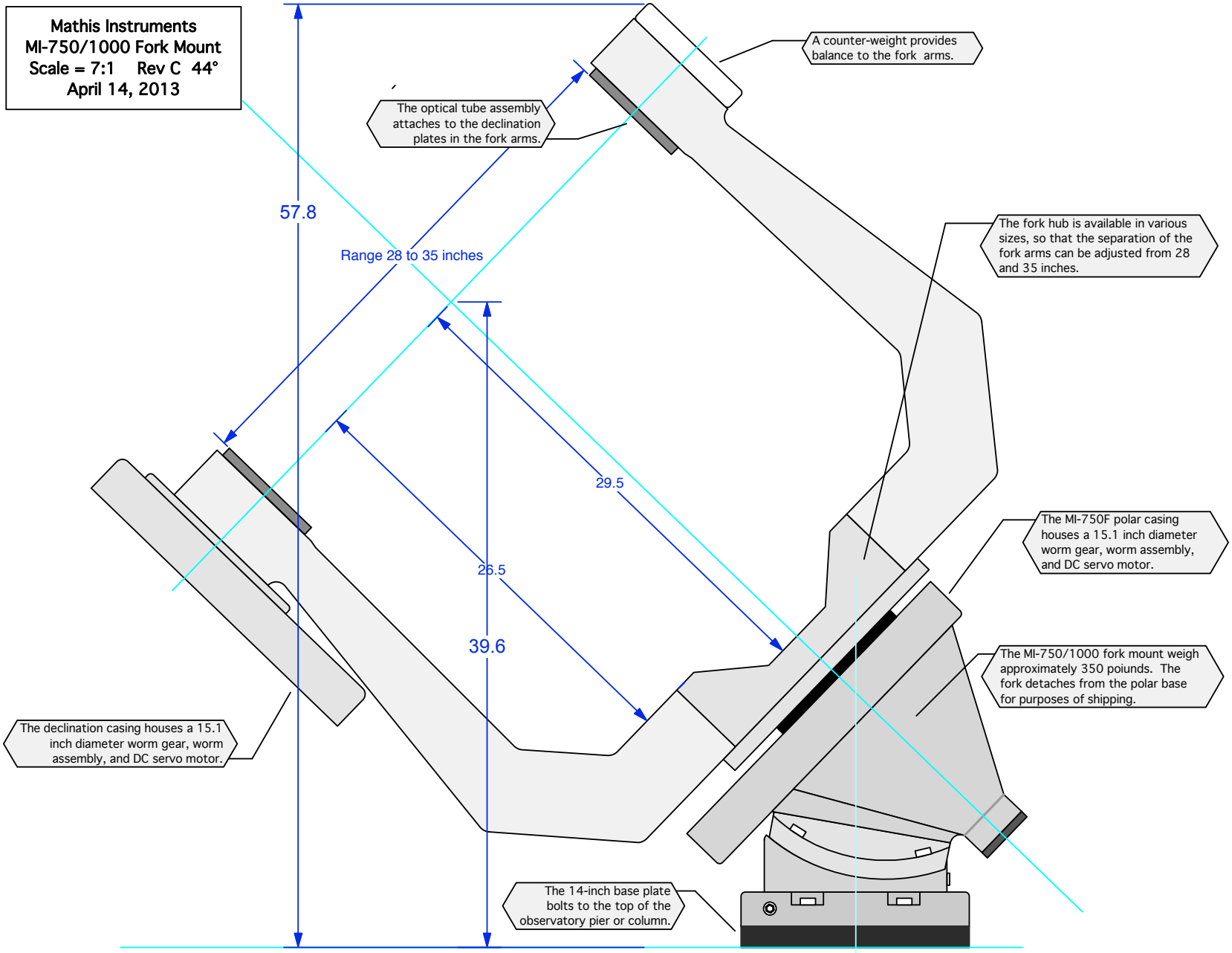
Mathis Instruments
MI-750/1000 Fork Mount
Scale = 7:1 Rev C 44°
April 14, 2013
A counter-weight provides balance to the fork arms.
The optical tube assembly attaches to the declination plates in the fork arms.
57.8
Range 28 to 35 inches
The fork hub is available in various sizes, so that the separation of the fork arms can be adjusted from 28 and 35 inches.
29.5
26.5
39.6
The MI-750F polar casing houses a 15.1 inch diameter worm gear, worm assembly, and DC servo motor.
The MI-750/1000 fork mount weigh approximately 350 poiunds. The fork detaches from the polar base for purposes of shipping.
The declination casing houses a 15.1 inch diameter worm gear, worm assembly, and DC servo motor.
The 14-inch base plate bolts to the top of the observatory pier or column.