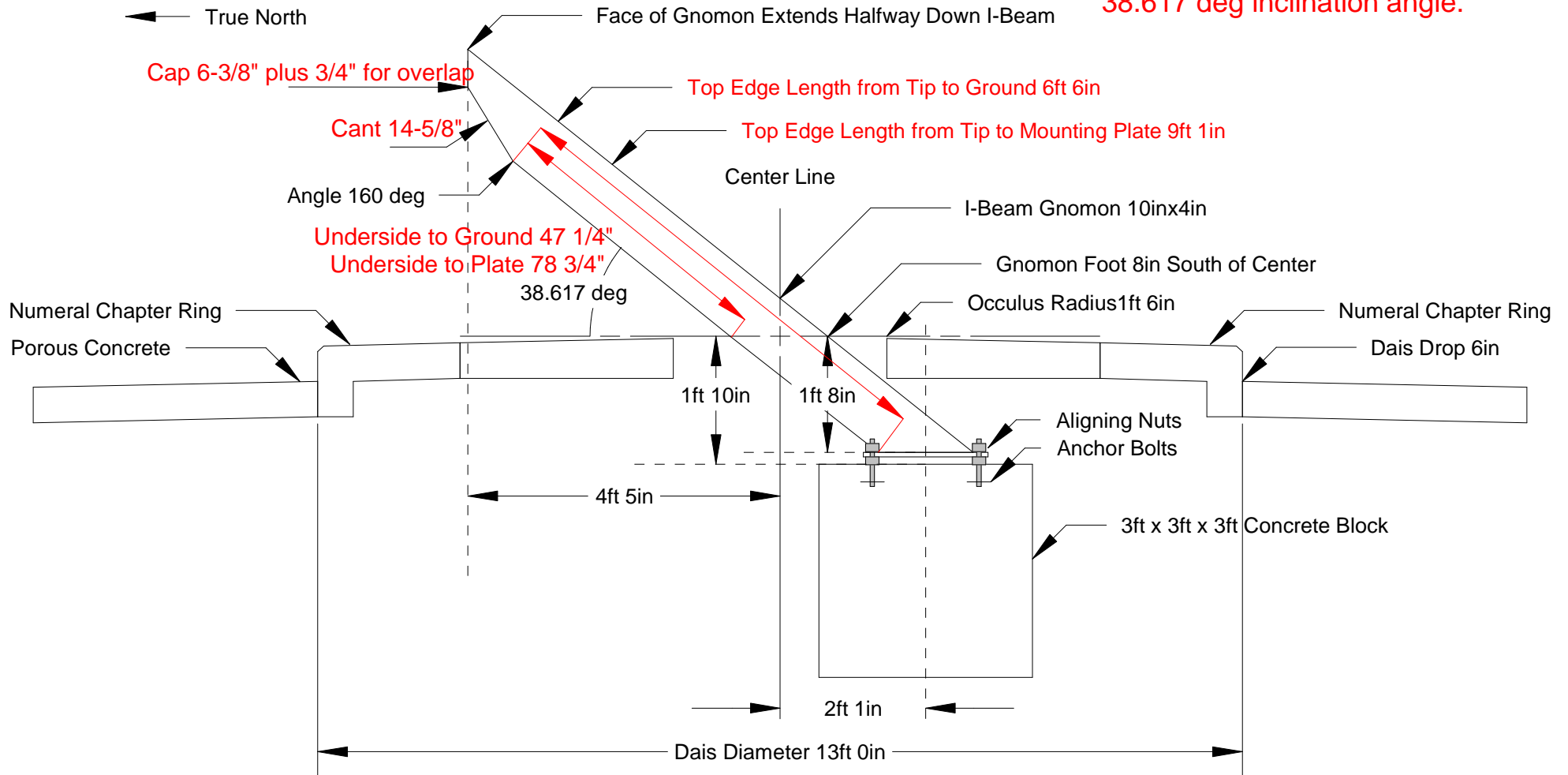


Elevation of I-Beam Gnomon and Base with 13ft 0in Diam Dais

Note: Cap and Cant are endplates on the I-Beam. The Cap comes half-way down face of the I-Beam at acute angle 51.38 degrees for distance 6 3/8" and then add 3/4" more to cover Cant plate. The Cant Plate extends from Cap to the I-Beam flange

Note: Length of I-Beam gnomon allows for a 3/4" mounting plate and a 1-1/4" gap to the concrete block. Gap allows for alignment nuts to trim the gnomon tilt to 38.617 deg inclination angle.



ELEVATION PLAN Ver-3 DWG 3A1
6 March 2013

SUNDIAL PLOT PLAN
NORTHERN VIRGINIA COMMUNITY COLLEGE
DESIGNED FOR
THE WHITING-TURNER CONTRACTING COMPANY

First Principles
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