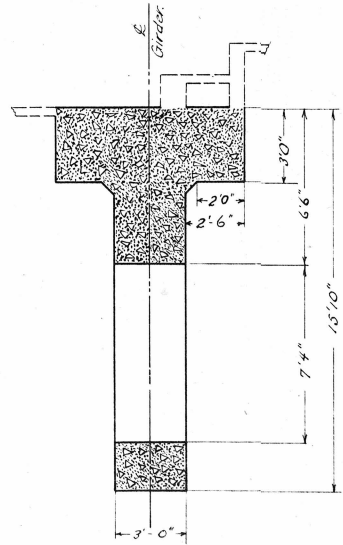
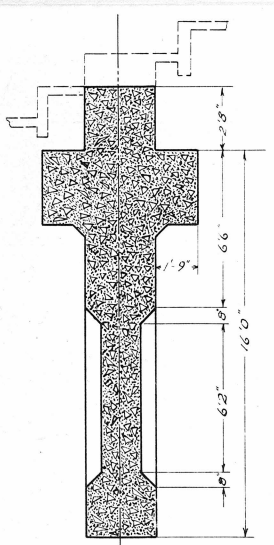
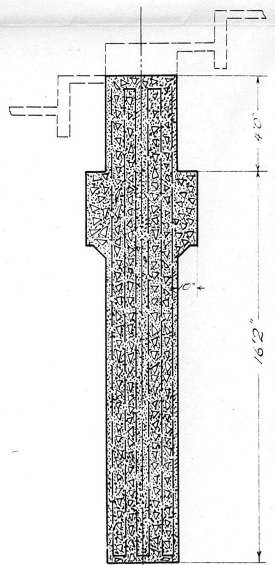


BALCONY GIRDER - FRONT VIEW.

Section AA.

Section BB.

Section CC.



Maximum Bending Moment. 326,400,000 in. lbs.
 Maximum Shear. 1,113,000 lbs.
 Maximum Column Load. 1,713,000 lbs.
 $f_c = 800 \text{ psi}$ $v = 150 \text{ psi}$ } Maximum Allowable
 $f_s = 18000 \text{ psi}$ } Unit Stresses.

CALIFORNIA INSTITUTE OF TECHNOLOGY
 Course Th-100.
REINFORCED CONCRETE BALCONY GIRDER
 For the Balcony of the Pasadena Auditorium,
 Pasadena California.
 Clear Span 93'0" C-C of Columns 96'0"

Scale $\frac{1}{4}'' = 1'$
 Designed and Drawn by
 Traced by C.A.B.
 Clarence A. Burmeister.
 June 3, 1925