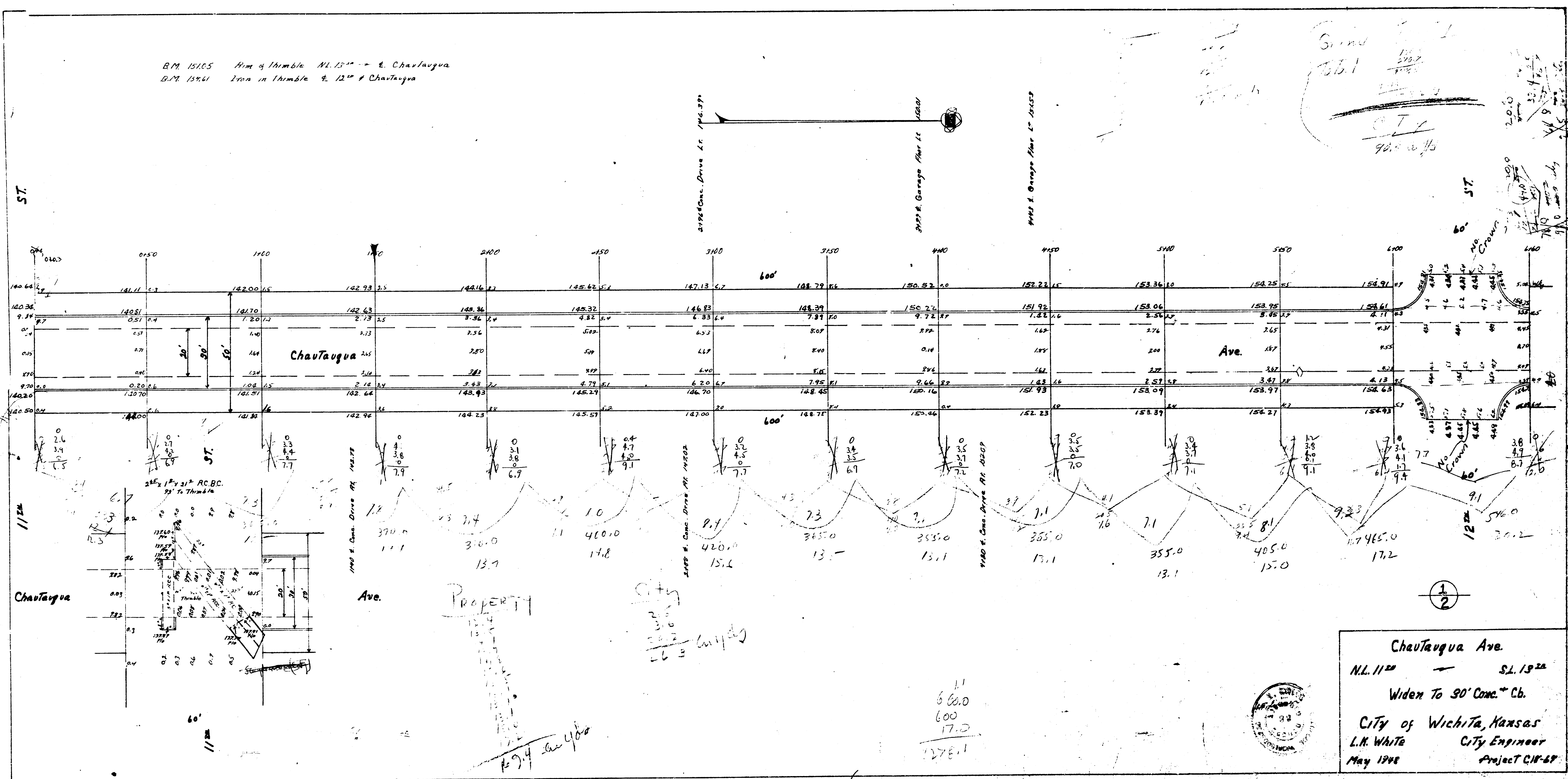
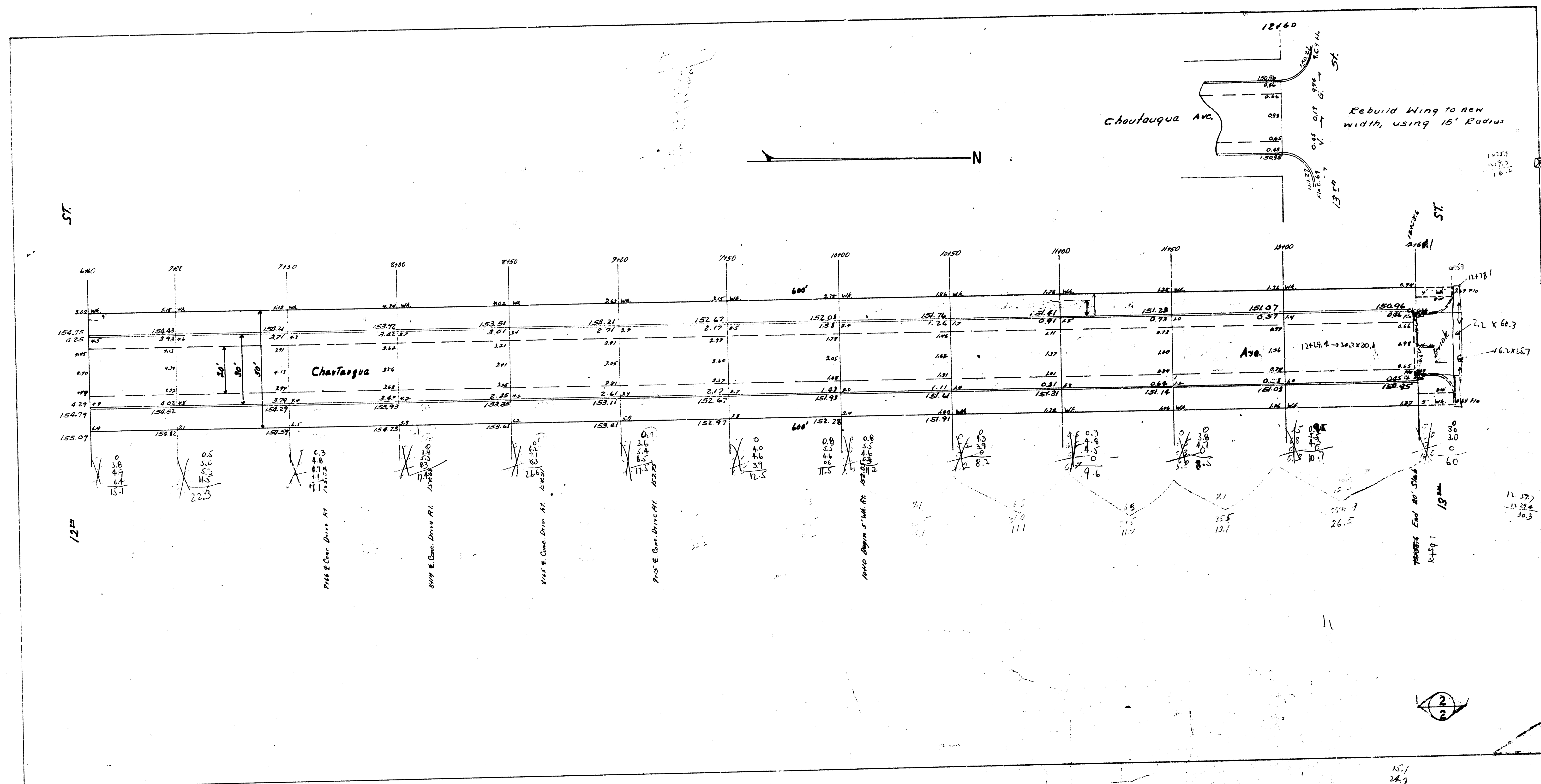


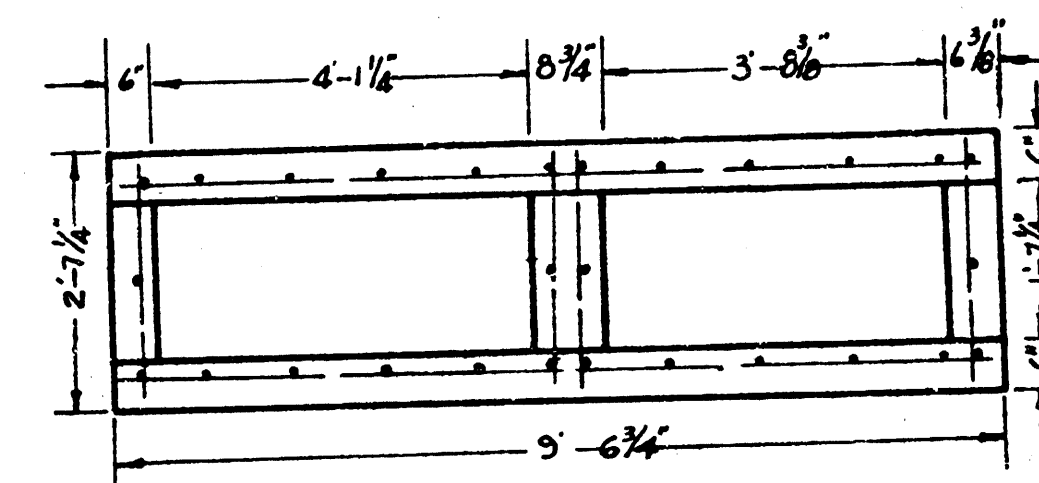
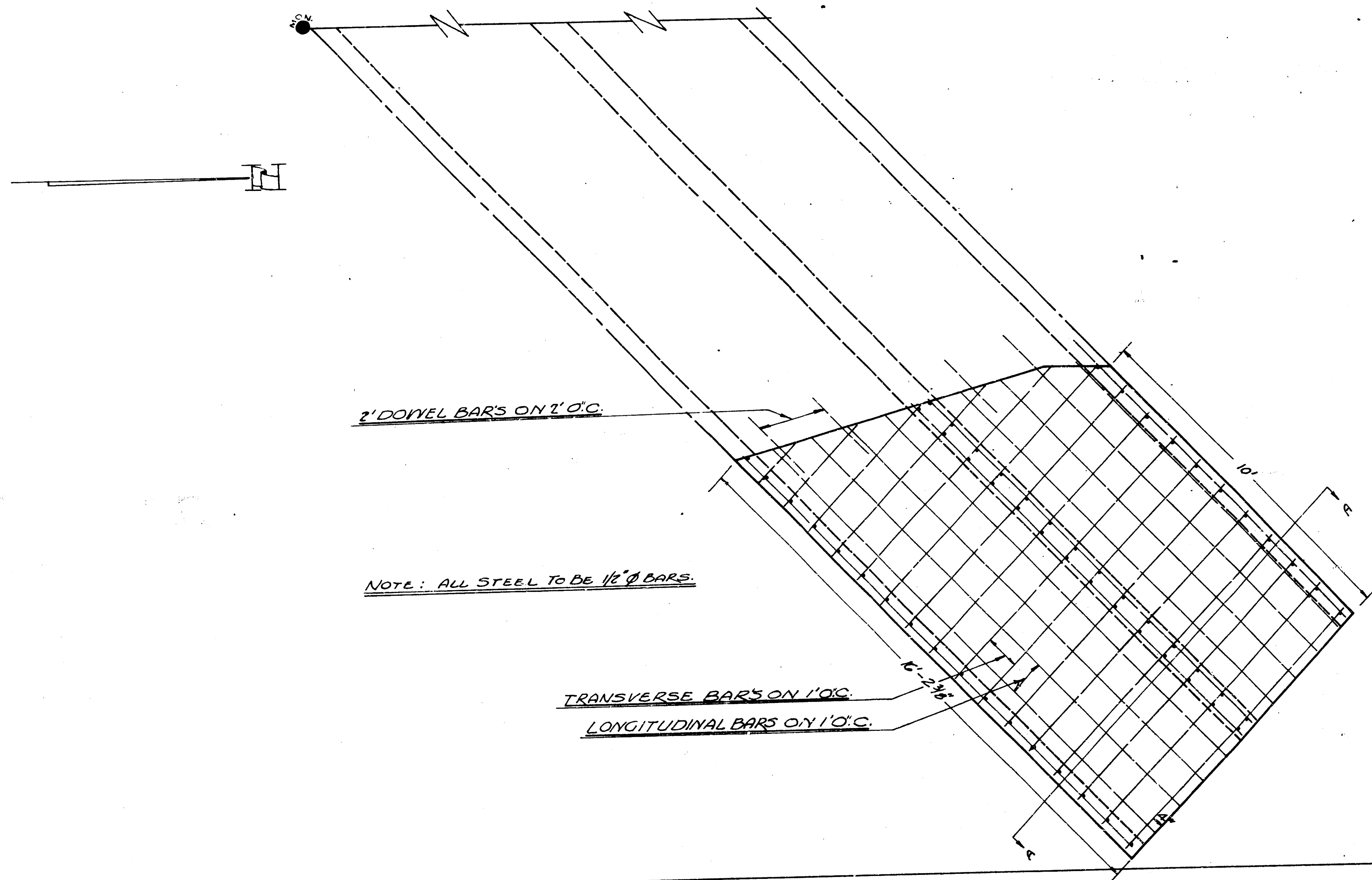
B.M. 15105 Him & Thimble N. 15° E. Chautauqua
 B.M. 15106 Him & Thimble S. 12° E. Chautauqua

Grind 11.1
 11.1
 90.0 w/ 1/2





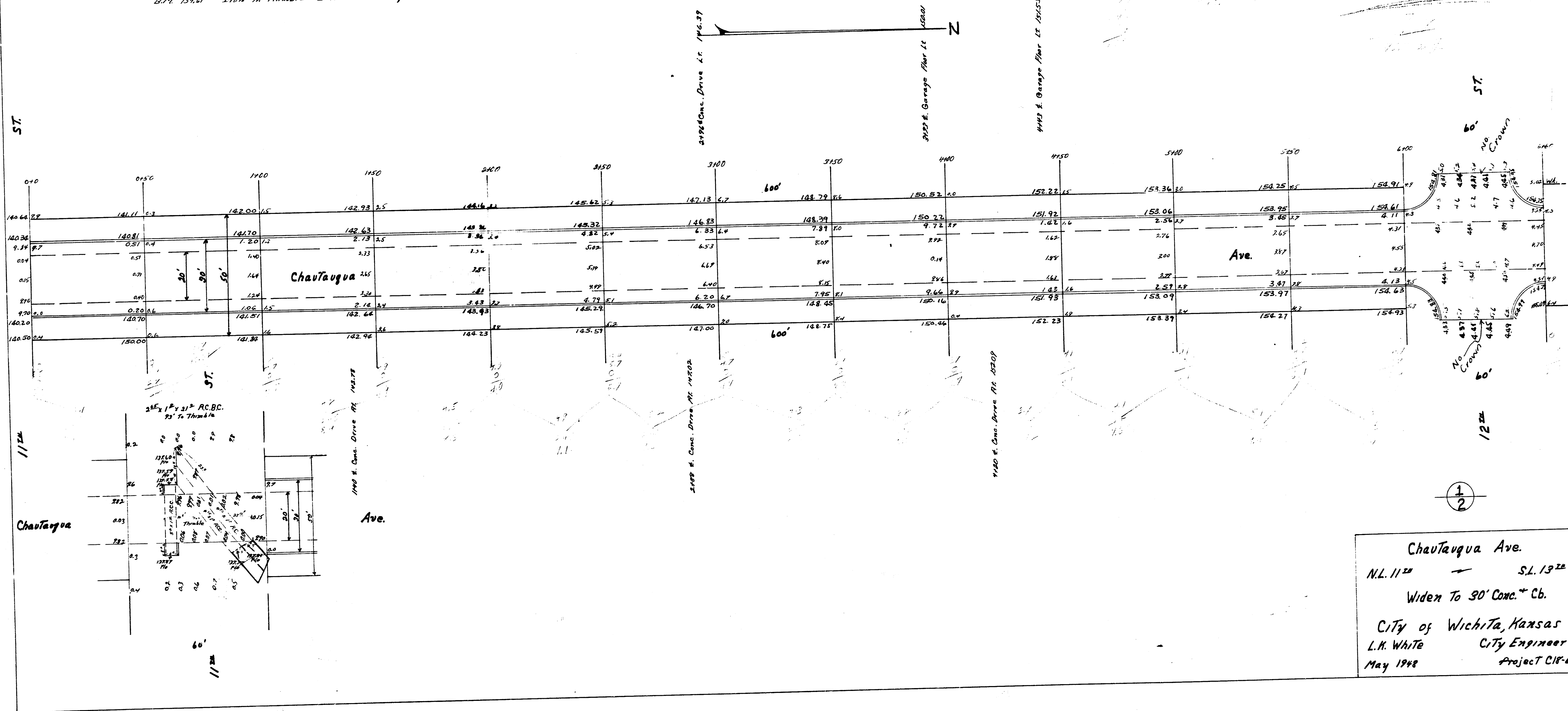
EXTENSION OF BOX CULVERT AT 11TH ST. & CHAUTAUQUA
SCALE - 1" = 2'-0"

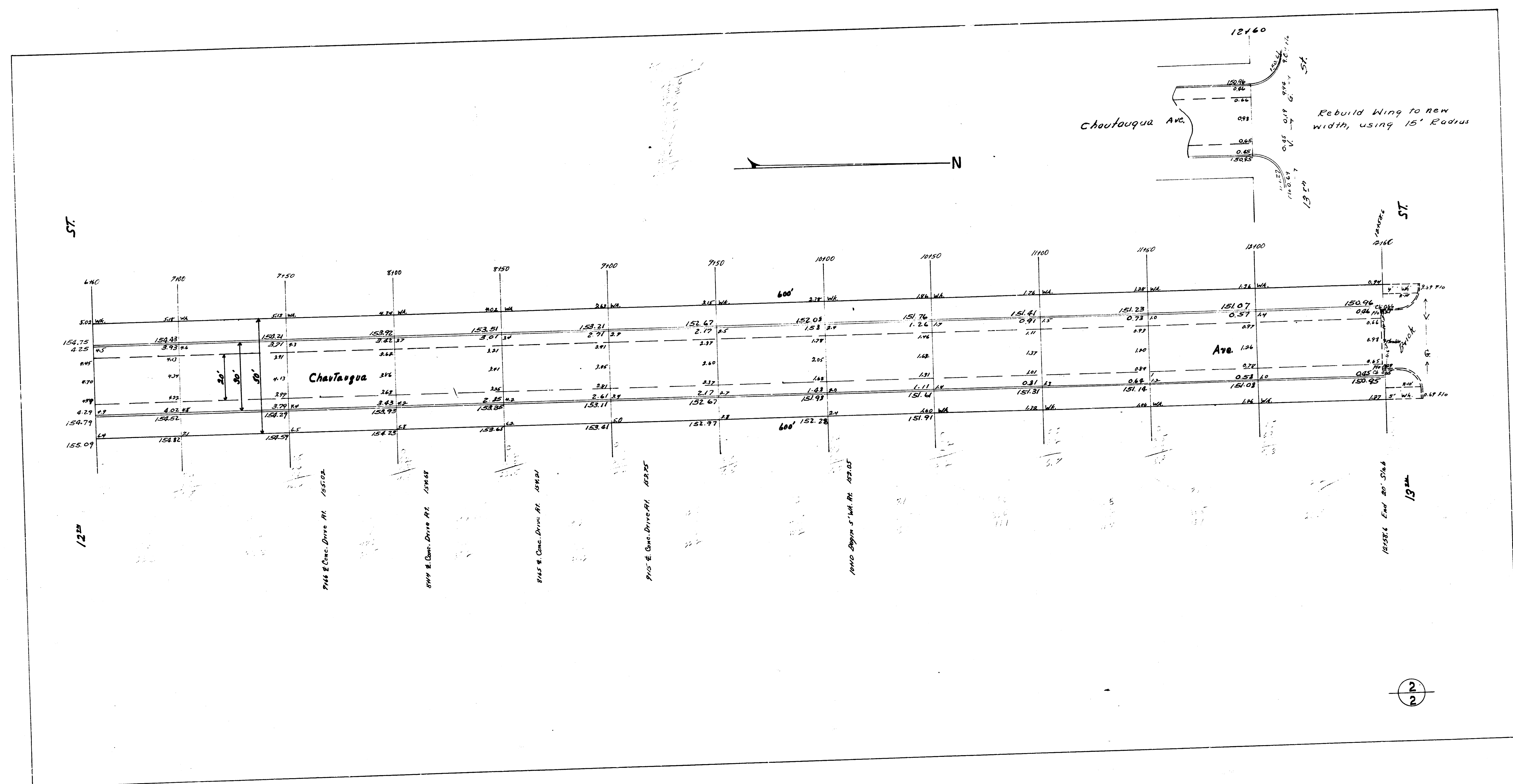


CROSS SECTION A-A

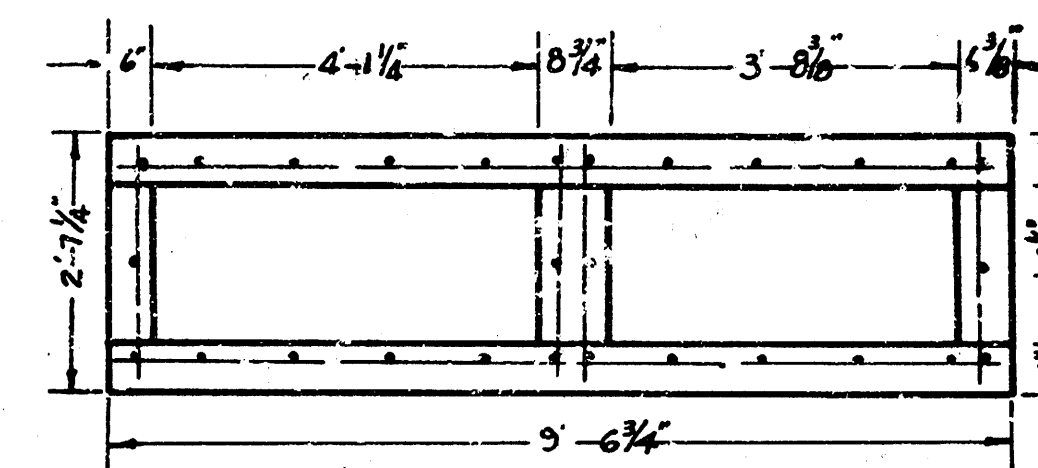
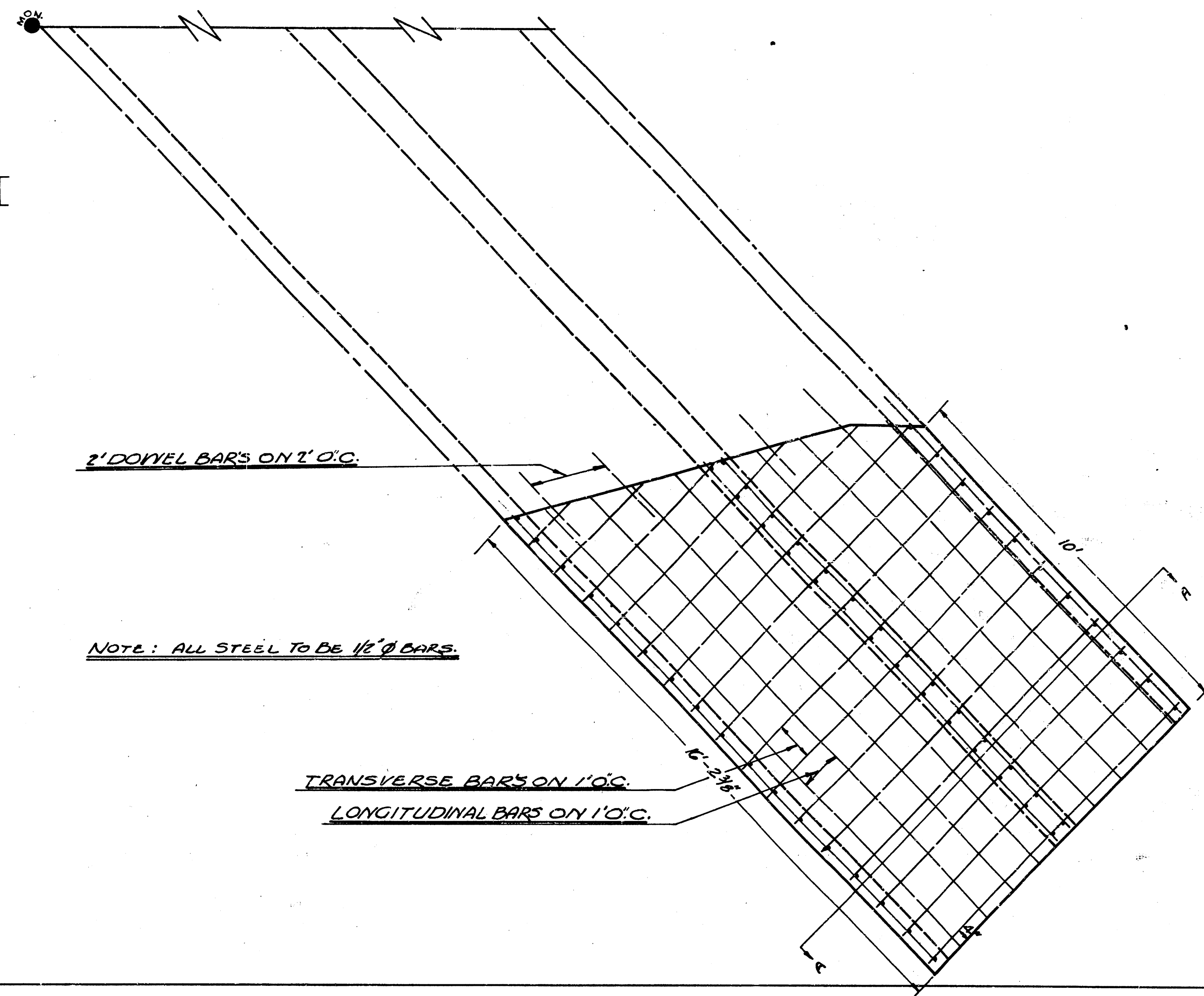
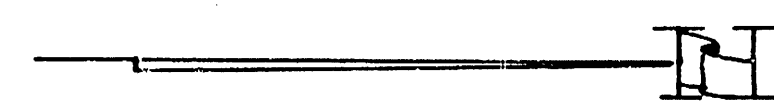
605 1/2" x 4' x 4' = 4.08
 11" x 4' x 4' = 1.76
 4.08 + 1.76 = 5.84

B.M. 15105 Point of Verticality N.L. 12th & E. ChauTaugua
 B.M. 15161 Iron in Thimble @ 12th & ChauTaugua





EXTENSION OF BOX CULVERT AT 11TH ST. & CHAUTAUQUA
SCALE - 1" = 2'-0"



CROSS SECTION A-A

615 1/2" x 2 1/2" x 1/2" = 4198
+ 10
#9518

25
1/2" x 1/2" x 1/2"