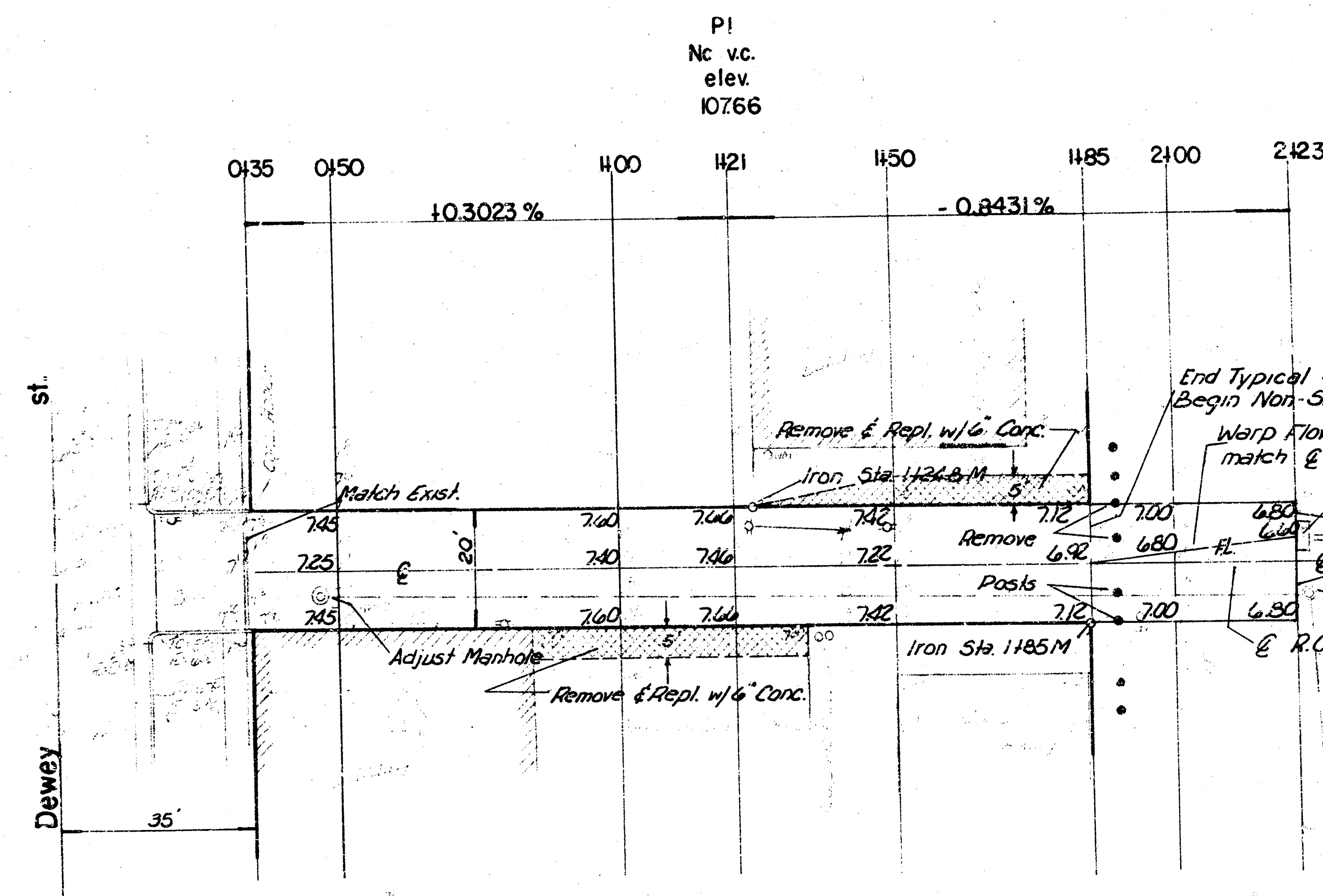
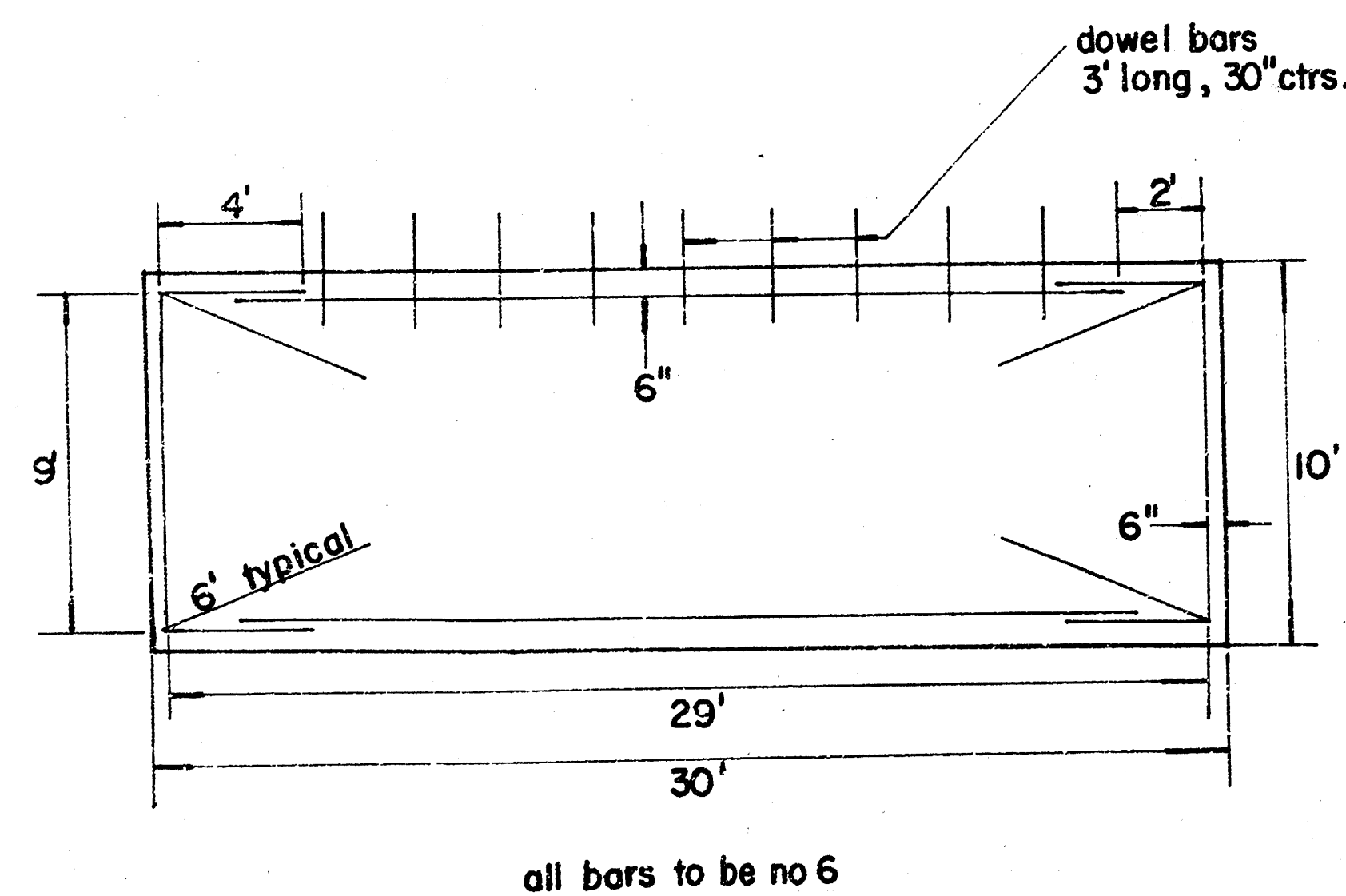
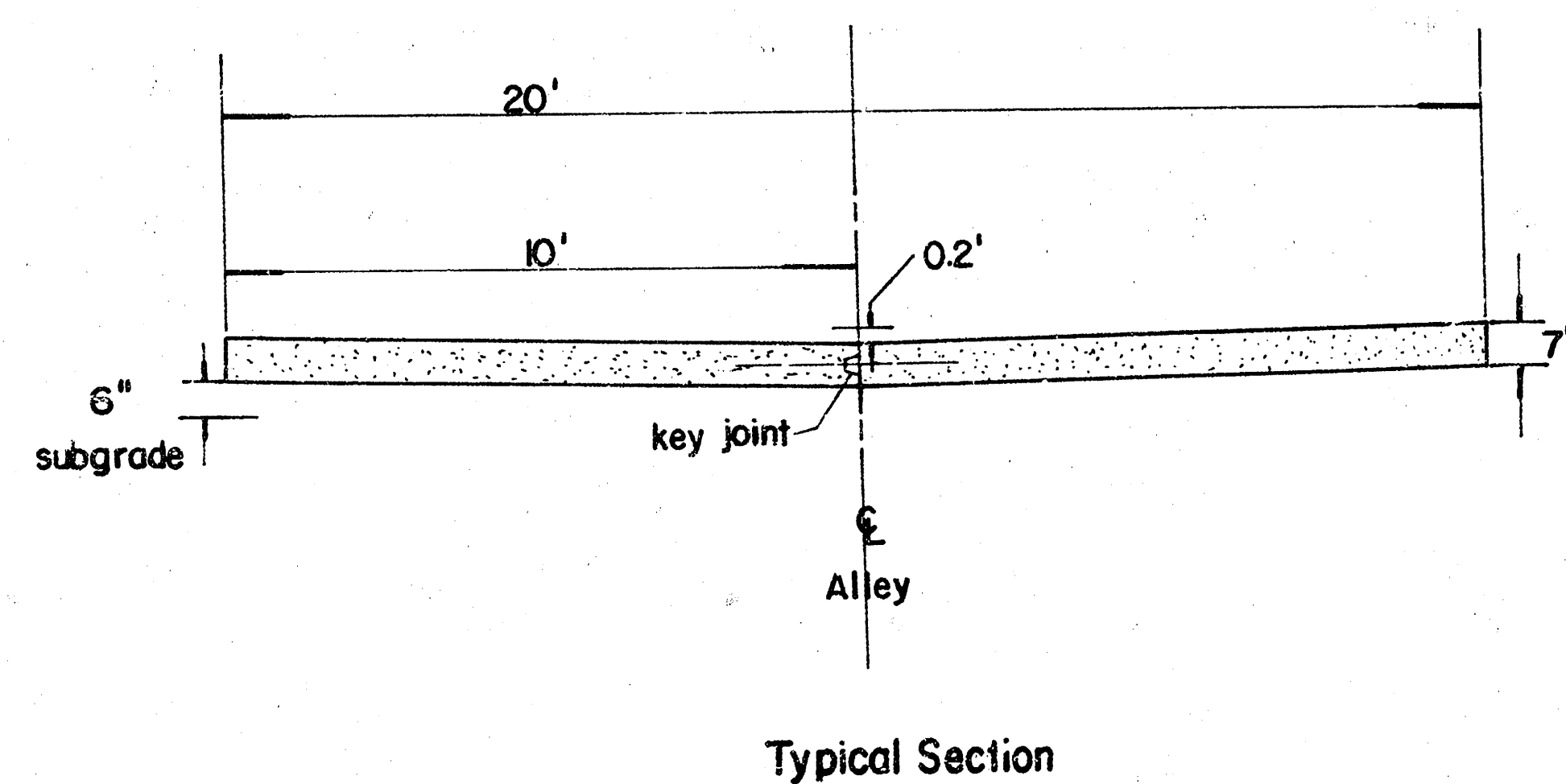


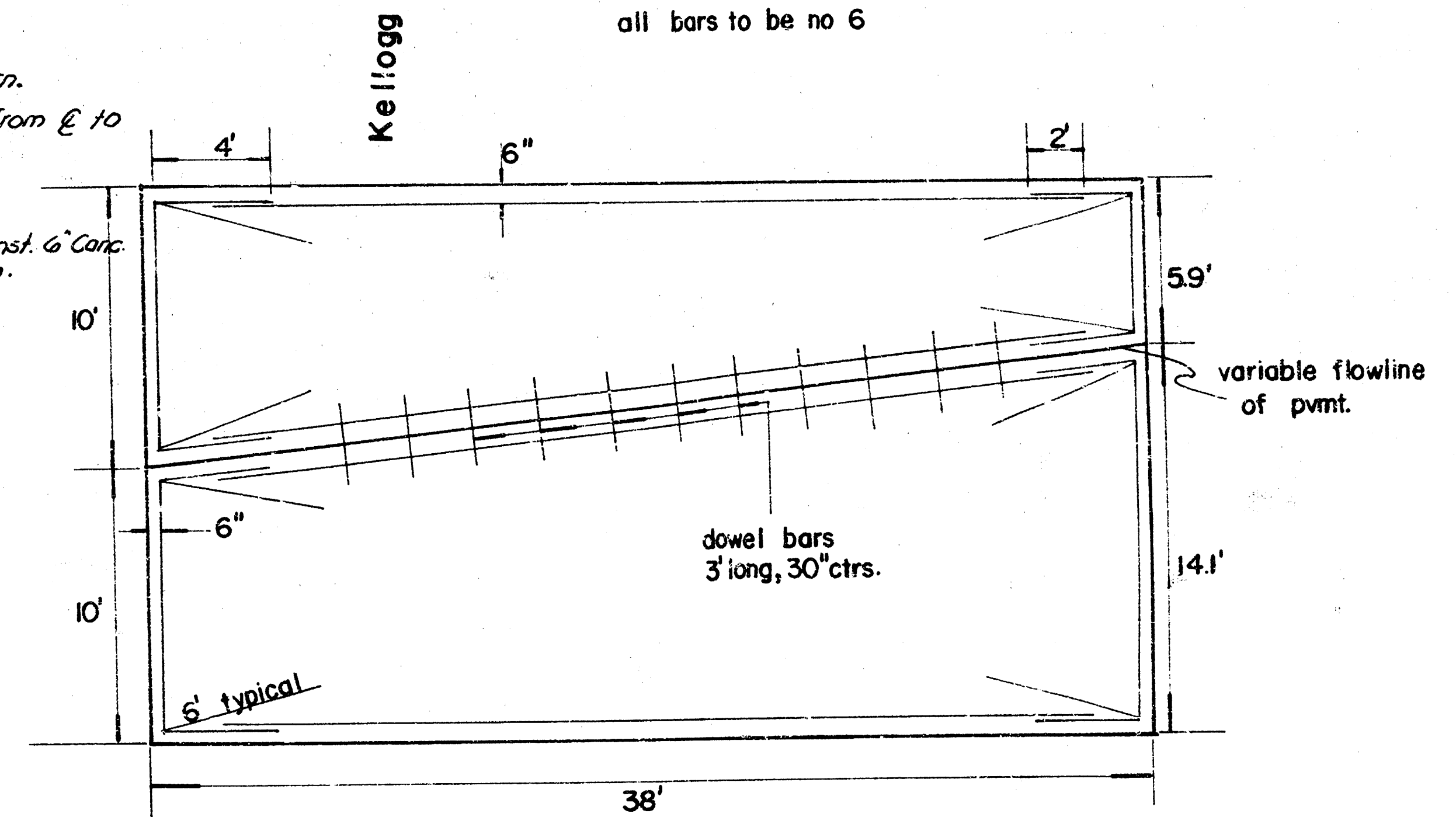
Sub-Grade
Planning
10-77

BM 107.59 "M" in Mueller on fire hydrant, NW cor. Kellogg & Emporia
BM 107.36 "D" SW cor. of sidewalk on the NE cor. of alley bet. Topeka & Emporia on Dewey
BL is ϕ of Alley.



N
Scale 1"=20'

Non Standard Steel Pattern
for variable flowline pvmt.
all bars to be no 6



Earthwork
Property

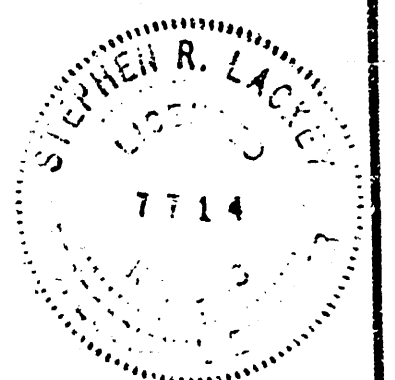
Excavation	17.8 cy
10%	1.8 cy
Total	19.6 cy
Manipulation	47.8 sy

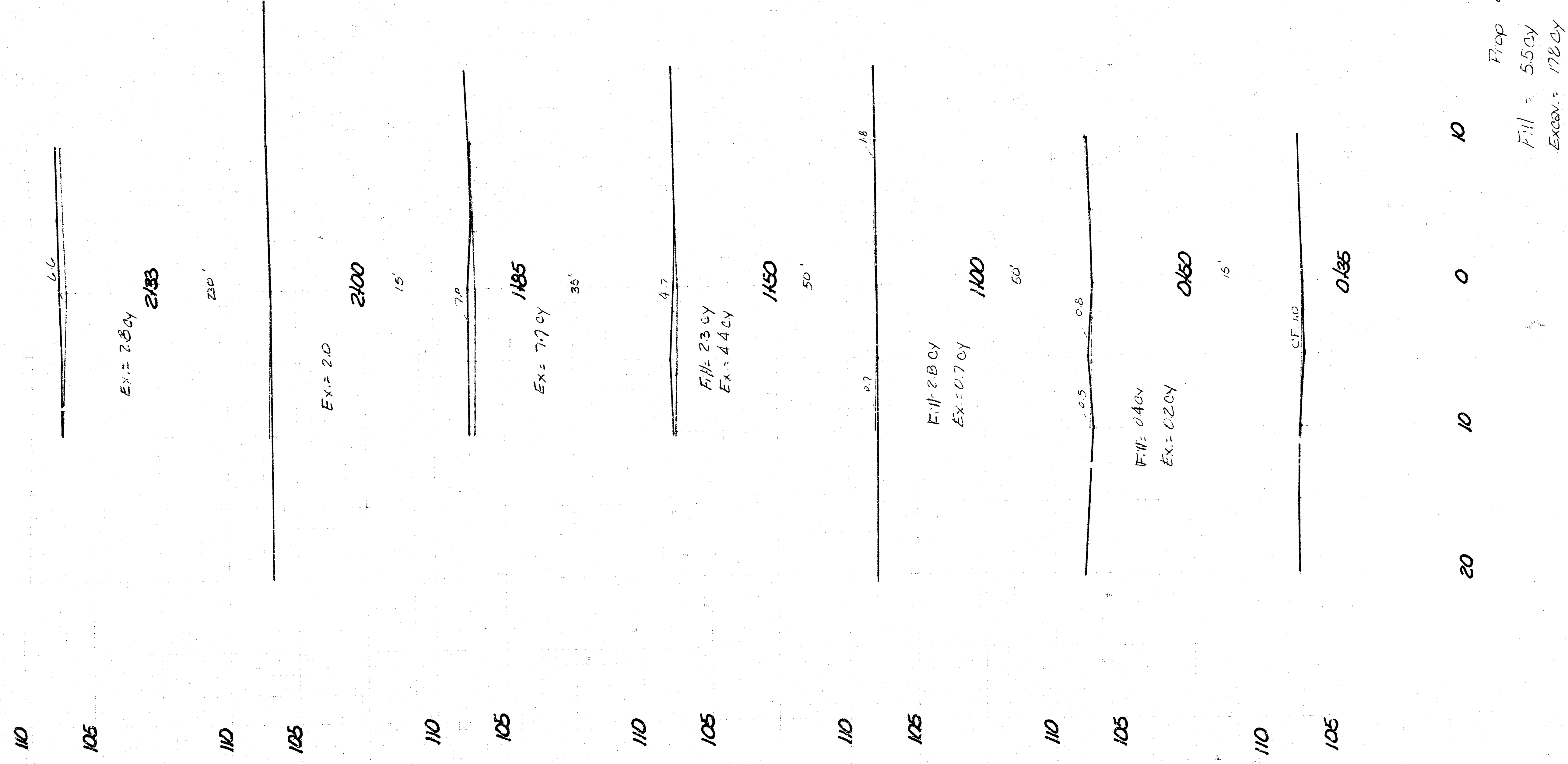
THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS, AND FOR STOPPING ANY DAMAGE TO THE PROPERTY OF ANY ADJACENT PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STOPPING ANY DAMAGE TO THE PROPERTY OF ANY ADJACENT PROPERTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STOPPING ANY DAMAGE TO THE PROPERTY OF ANY ADJACENT PROPERTY.

SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

Alley between Topeka and Emporia Ave
from 42' S. of SL lot 16 on Topeka Ave and lot 21
on Emporia Ave in N.A. English 5th Addition to
the SL Dewey.

Department of Engineering
City of Wichita, Kansas
R.W. Bruggeman Dir. Eng. / City Engineer
Proj. no. 472-76-245-81130-000-000-001





10 20 Prop Earthwork
Fill = 55cy
Excav. = 178cy