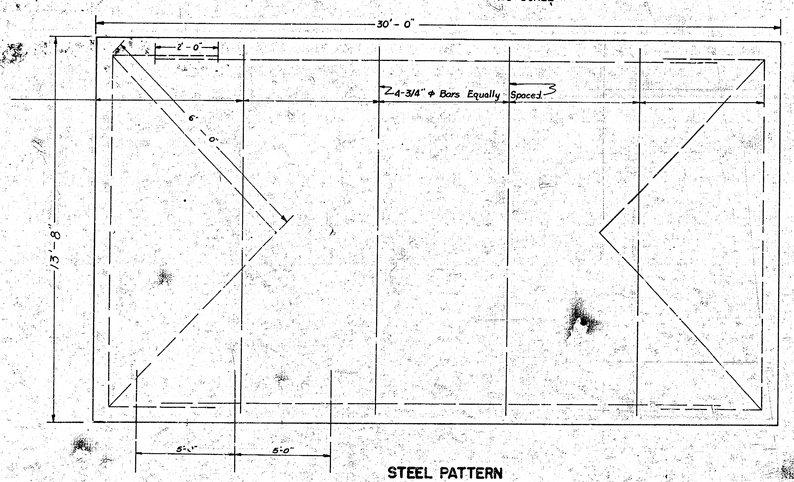
GROVE AVENUE

NL 21ST ST. to SL 25TH ST.

TYPICAL SECTION

NO SCALE

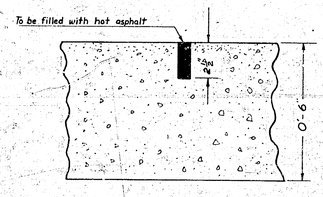
NOTE:
"4-3/4"ø Bars to be used in center section only from NL. 21st St - Sta. 0+00 to NL 23rd St - Sta. 13+173.



1/2"ø Bars-4-Long-5' Centers.

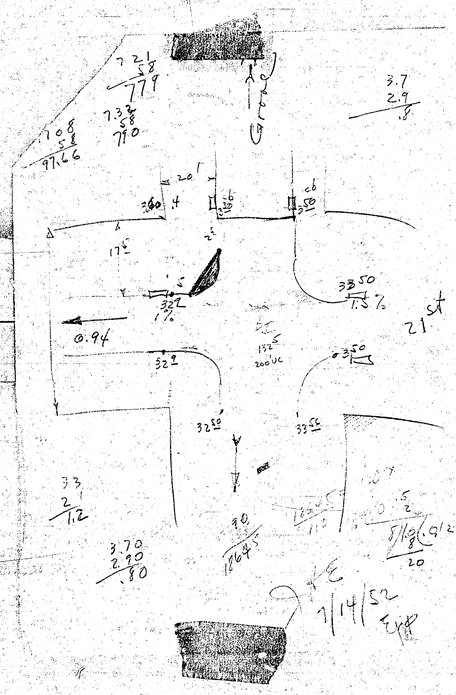
STEEL PATTERN

NO SCALE



DETAILS OF CONTRACTION JOINT

NO SCALE



B.M. 1335.5 G in Globe E.cb Grove S.L. 21st N.end 40' Radius

Excavation	Property	City
	167.4	94.4
	207.0	26.4
	232.2	15.5
	248.0	118.0
	245.7	43.7
	91.7	63.4
	52.3	36.5 d
	72.7	+10% 36.5
	114.3	401.9 cu yds.
	165.4	
	147.6	
	191.3	
	64.0	
	1930.6	
	+10% 193.1	
	2123.7 cu yds	

NOTE: Circled grades are at const. joint.

Scale 1" = 20'

Excavation Totals.

Property	City
2123.7	401.9
8195.9	863.0
3264.8	490.9
3705.2	
17,289.6 cu.yds.	1355.8 cu.yds.

ST.

+0.879%

WK 0.4'

0+00 +50 1+00 +50 2+00 +50 +70 2+90 3+50 4+00 +50 5+00 +50 6+10

Alley

10" V.C.P.

54" RCP

48" RCP

8" V.C.P.

GROVE AVE.

WK 0.8'

+0.207%

WK 0.8'

+0.15%

21 ST

AUDREY ST.

22 ND ST.

N.J.C.

P.I.

26.4 c.y. 72.7 Prop. 64.0 Prop

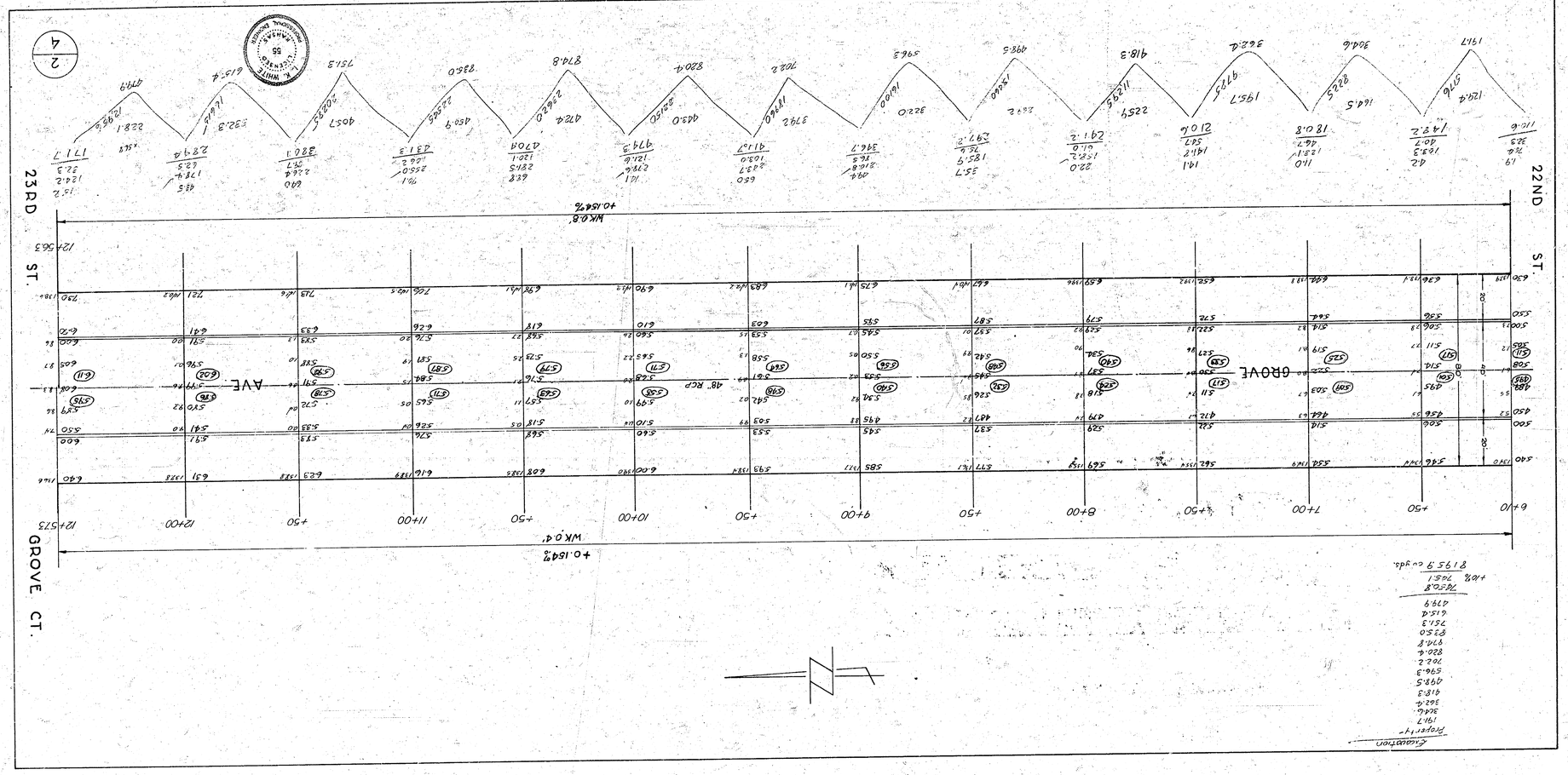
91.4 c.y. 119.0 c.y.

GROVE AVE.
N.L. 21ST ST. TO S.L. 25TH ST.
40' Conc. & Cb.

CITY OF WICHITA, KANSAS.
L.K. WHITE CITY ENGINEER
SEPT. 1951 PROJ. NO. C 11-70

L. K. WHITE LICENSED 55 KANSAS PROFESSIONAL ENGINEER

1/4


2/4
23RD ST.
22ND ST.
GROVE CT.
GROVE AVE
48" RCP
WK 0.8'
+0.164%
WK 0.4'
+0.164%
12+563
12+573
12+00
+50
11+00
10+00
+50
9+00
+50
8+00
+50
7+00
+50
6+10
Excavation
Profile
1917
3246
3624
4183
4793
5263
7061
8209
9748
8250
7513
6154
4799
7851
8195.9 cu yds.
+10%

Excavation

Property	City
33.6	173.3
105.4	50.0
216.9	158
248.5	239.1
247.2	23.9
249.6	263.0 cuyds.
266.1	
292.8	
318.1	
320.2	
326.3	
343.3	
2968.0	
+10% 296.8	
3264.8 cuyds.	

GROVE CT.

GROVE AVE.

23 RD.

P.I. 200 V.C. 136.50

P.I. 200 V.C. 137.00

+0.184% WK. 0.4

+2.38% WK. 0.4

WK. 0.8' +0.184%

WK. 0.8' -2.28%

P.C.

P.T.

48" RCP

36" RCP

8" VCP

8" VCP

8" VCP

8" VCP

8" VCP

30.0 C.Y.

15.8 C.Y.

12+57.3 | 13+17.3 | +50 | 14+00 | +25 | +50 | 15+00 | +25 | +50 | 16+00 | +50 | 17+00 | +50 | 18+00 | +25 | +50 | 19+00

12+56.3 | 13+16.3

+2.5 P.C.

+2.5 P.C.

6.40	6.70	6.79	7.15	7.85	8.72	9.48	1.07	2.26	3.44	4.64	5.83	7.02	7.71			
6.00	6.30	6.39	6.75	7.45	8.32	9.48	0.67	1.86	3.04	4.24	5.43	6.62	7.31			
5.50	5.80	5.89	6.25	6.95	7.82	8.98	0.17	1.36	2.54	3.74	4.93	6.12	6.81			
5.89	6.19	6.28	6.64	7.31	8.18	9.33	0.50	1.67	2.84	4.02	5.19	6.27	6.98			
(5.75)	(6.04)	(6.14)	(6.50)	(7.17)	(8.04)	(9.19)	(0.36)	(1.73)	(2.90)	(4.08)	(5.25)	(6.33)	(7.04)			
6.08	6.39	6.47	6.83	7.49	8.36	9.50	0.66	1.83	2.99	4.16	5.32	6.34	7.07			
(6.11)	(6.41)	(6.50)	(6.86)	(7.51)	(8.38)	(9.51)	(0.66)	(1.83)	(2.98)	(4.14)	(5.29)	(6.25)	(7.00)			
6.05	6.35	6.44	6.80	7.45	8.32	9.45	0.60	1.76	2.92	4.08	5.23	6.19	6.94			
6.00	6.30	6.39	6.75	7.36	8.24	9.35	0.49	1.63	2.77	3.91	5.05	5.90	6.67			
6.50	6.80	6.89	7.24	7.86	8.79	9.85	0.99	2.13	3.27	4.41	5.55	6.60	7.17			
7.30	7.60	7.69	8.04	8.66	9.54	0.55	1.79	2.93	4.07	5.21	6.35	7.20	7.97			

12+57.3	13+17.3	+50	14+00	+25	+50	15+00	+25	+50	16+00	+50	17+00	+50	18+00	+25	+50	19+00
6.40	6.70	6.79	7.15	7.85	8.72	9.48	1.07	2.26	3.44	4.64	5.83	7.02	7.71			
6.00	6.30	6.39	6.75	7.45	8.32	9.48	0.67	1.86	3.04	4.24	5.43	6.62	7.31			
5.50	5.80	5.89	6.25	6.95	7.82	8.98	0.17	1.36	2.54	3.74	4.93	6.12	6.81			
5.89	6.19	6.28	6.64	7.31	8.18	9.33	0.50	1.67	2.84	4.02	5.19	6.27	6.98			
(5.75)	(6.04)	(6.14)	(6.50)	(7.17)	(8.04)	(9.19)	(0.36)	(1.73)	(2.90)	(4.08)	(5.25)	(6.33)	(7.04)			
6.08	6.39	6.47	6.83	7.49	8.36	9.50	0.66	1.83	2.99	4.16	5.32	6.34	7.07			
(6.11)	(6.41)	(6.50)	(6.86)	(7.51)	(8.38)	(9.51)	(0.66)	(1.83)	(2.98)	(4.14)	(5.29)	(6.25)	(7.00)			
6.05	6.35	6.44	6.80	7.45	8.32	9.45	0.60	1.76	2.92	4.08	5.23	6.19	6.94			
6.00	6.30	6.39	6.75	7.36	8.24	9.35	0.49	1.63	2.77	3.91	5.05	5.90	6.67			
6.50	6.80	6.89	7.24	7.86	8.79	9.85	0.99	2.13	3.27	4.41	5.55	6.60	7.17			
7.30	7.60	7.69	8.04	8.66	9.54	0.55	1.79	2.93	4.07	5.21	6.35	7.20	7.97			

12+56.3	13+16

B.M. 144.59 Standard S.E. Cor. Grove & 25th

Excavation

Property	City
76.6	153.1
239.1	84.7
192.0	67.3
288.9	53.1
570.2	92.1
508.1	173.8
115.8	628.1
123.9	+10% 62.8
292.8	690.9 cu yds.
223.1	
146.5	
105.9	
95.0	
124.4	
323.1	
3568.4	
+10% 136.8	
3705.2 cu yds.	

153.1 City

15:25 P.I. 200' V.C. 14840

76.6 Prop. 67.3 City 239.1 Prop.

+2.38% WK 0.4' — −1.14% WK 0.4'

19+00 19+26.7 24TH ST. 19+86.7 +2.5 P.T. 20+50 21+00 +143 +34.3 Alley 21+83.7 22+00 +50 23+00 +50 24+00 +50 25+00 +67.2 ST.

GROVE AVE.

P.T. 21+23.7 DR. No Crown

RALIEGH 173.8 City

25+66 25TH

WK 0.8' +2.28% — WK 0.8' −2.42% — WK 0.8' −1.07%

19+25 P.I. 200' V.C. 14840

192.0 288.9 570.2 508.1 115.8 123.9 292.8 203.1 146.5 108.9 95.0 124.4 323.1

D. K. WHITE L.S. No. 55 KANSAS PROFESSIONAL ENGINEER

4/4

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