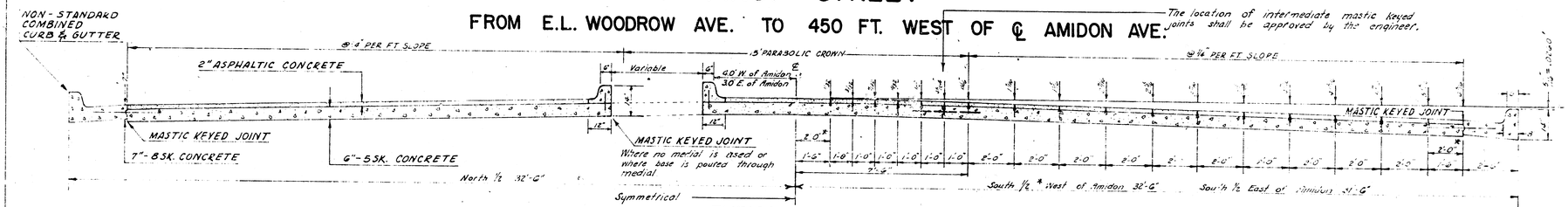
PROJECT NO. C14-44

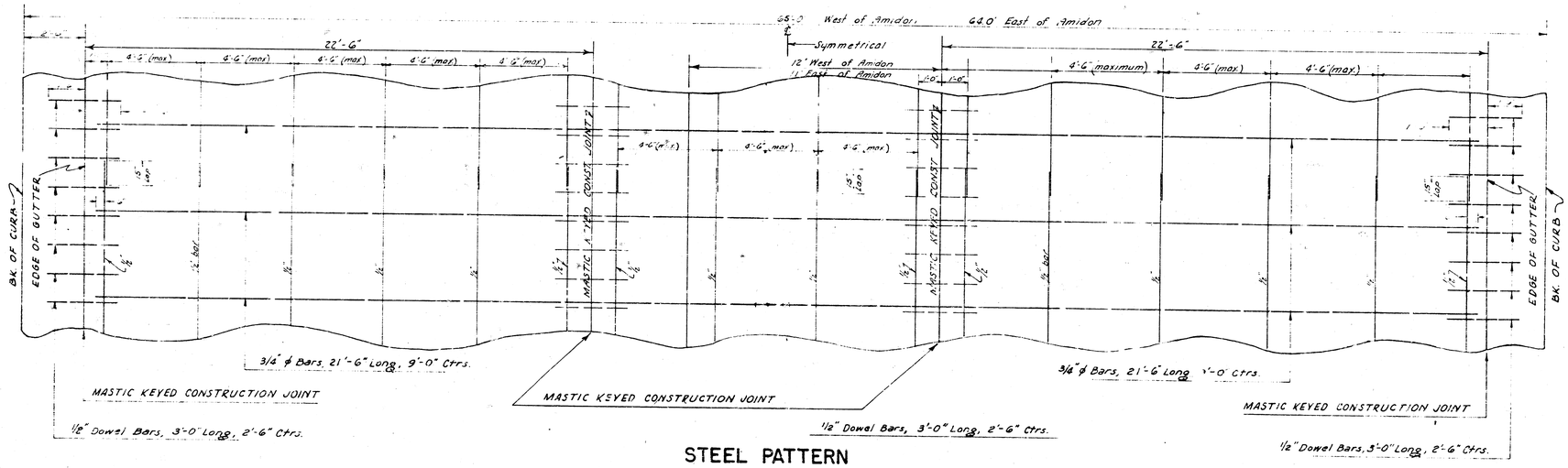
TWENTY FIRST STREET

FROM E.L. WOODROW AVE. TO 450 FT. WEST OF ℄ AMIDON AVE.



TYPICAL SECTION

NOT TO SCALE



STEEL PATTERN

NOT TO SCALE

USE 3/4" ϕ BARS EXCEPT WHERE NOTED

B.M. 128.75 "X" cut on N.E. corner conc. Base to Flood Light on N.W. cor. 21st St. & Amidon

P.O.T. Sta. 0+00 "X" cut top R.R. Spike on ℄

N

Scale: 1" = 20'

-0+50 0+00 0+50 1+00 1+50 2+00 2+50 3+00 3+50 4+00 4+50 5+00 5+50 6+00

+0.200 %

-0.609 %

-0.568 %

0.4 Wk.

3+91.3 ±

4+08.25(M)

4+88.18

5+05.5 ±

5+17.8 ±

3+34.0 ±

Sinclair Station

Conc.

3" Metal Post for Flood Light

Conc. Parking

MATCH

8" Stm. Pipe

SEE SHEET #5

AVE.

AMIDON

REFERENCE POINTS TO HOLE IN STONE STA. 4+50

1. 68.24' S.E. to "X" cut top E. cb. Amidon, 2' S. of S.L. 21st St.
2. 60.41' S.W. to "X" cut top W. cb. Amidon, 2' S. of S.L. 21st St.
3. 50.84' S. to "X" cut top cb. @ ctr. of radius on island.
4. 66.36' N.W. to "X" cut on N.E. cor. curb base to flood light.

Edge of Existing Asphalt

Grade Ditch to Drain

3' Asph. Head-up

S. Chain Link Fence

Asph. Parking

Mastic Joint

STREET

Remove Conc. Header & Make Existing Asph. Surface

City Pole for Traffic Light Cable

Conc. Parking

PROPERTY	EXC.	COMP. FILL
	1244 C.Y.	114 C.Y.
+10%	124	11
Totals	1368 C.Y.	125 C.Y.

IMPROVE & RE-IMPROVE	EXC.	COMP. FILL
	1491 C.Y.	280 C.Y.
	149	29
	1640 C.Y.	319 C.Y.

CITY	EXC.	COMP. FILL
	691 C.Y.	5 C.Y.
	69	
	760 C.Y.	5 C.Y.

NOTE: Excavations Quantities include the existing asphalt surface.

NOTE: North & South traffic to be maintained on Amidon during construction.

2/8

21 ST. STREET

FROM E.L. WOODROW AVE. to 450' W. of ℄ AMIDON AVE.

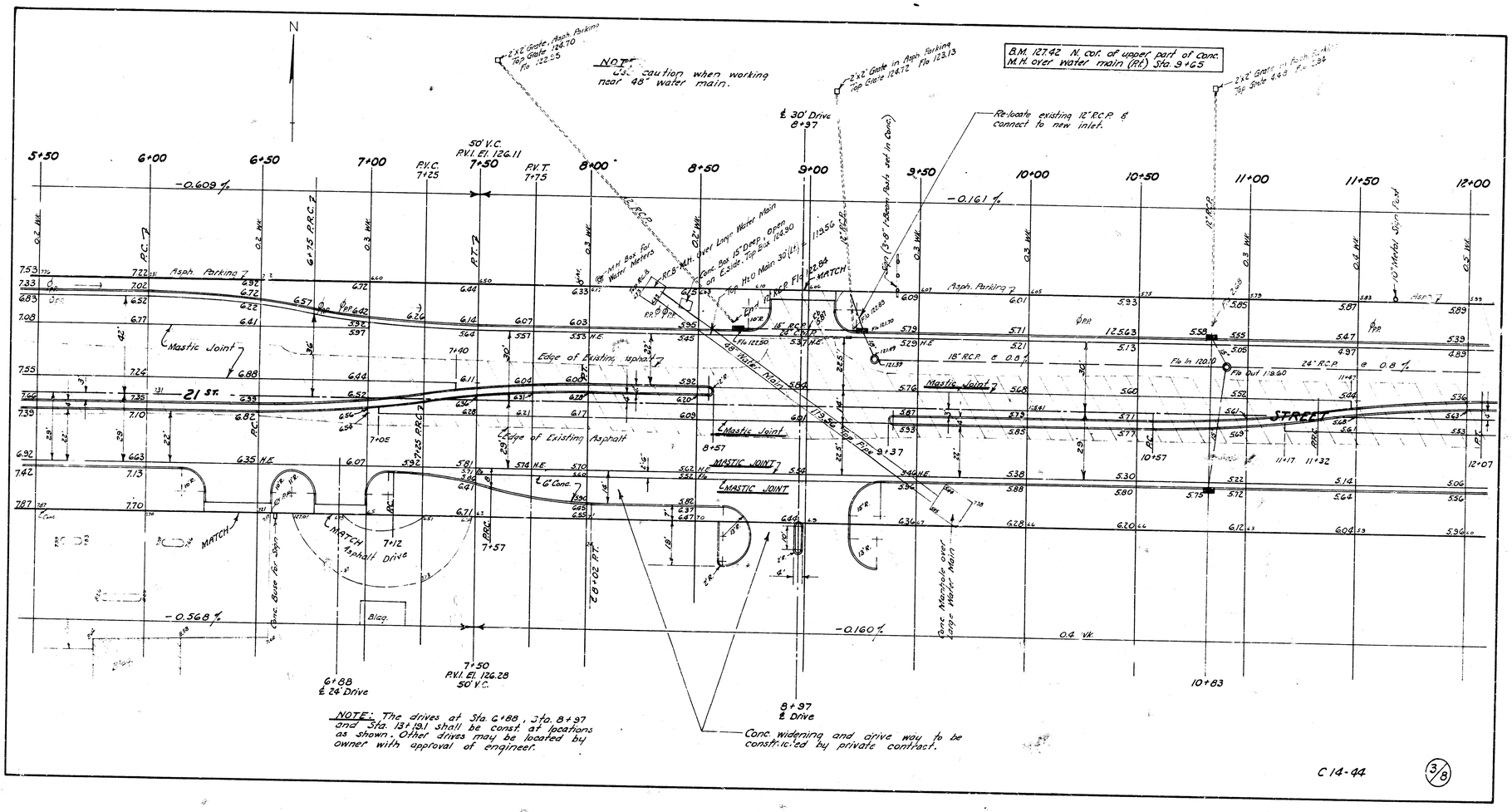
60'-2'-64' A.C. (Improve & Reimprove)

B.E. SMITH CITY ENGINEER

CITY OF WICHITA, KANSAS

Date:

Project No. C14-44


N
2'x2' Grate, Asph. Parking Top Grate 124.70 Flo 122.55
NOTE: Use caution when working near 48" water main.
2'x2' Grate in Asph Parking Top Grate 124.72 Flo 123.13
B.M. 127.42 N. cor. of upper part of conc. M.H. over water main (Rft) Sta. 9+65
2'x2' Grate in Asph Parking Top Grate 4.43 Flo 1.94
℄ 30' Drive 8+97
Re-locate existing 12" R.C.P. & connect to new inlet.
50' V.C. P.V.I. El. 126.11
P.V.C. 7+25
P.V.T. 7+75
5+50
6+00
6+50
7+00
7+50
8+00
8+50
9+00
9+50
10+00
10+50
11+00
11+50
12+00
-0.608 %
-0.161 %
-0.568 %
-0.160 %
Asph. Parking
Mastic Joint
Edge of Existing Asphalt
21 ST.
STREET
MATCH
Asphalt Drive
Bldg.
Conc. Curb for Sign
Over Long Water Main
Conc. Box 15' Deep, Open on E. Side - Top Elev. 124.30
Top H2O Main 30' (Lt.)
12" R.C.P. Flo 122.84
Sign (3'-0" "Keep Parking Off" in Conc.)
12" Water Main
10" Water Main
48" Water Main
Flo 112.50
Flo 113.94
Flo 119.60
Flo In 120.10
Flo Out 119.60
18" R.C.P. @ 0.8 %
24" R.C.P. @ 0.8 %
Conc. Manhole over Large Water Main
Conc. Manhole for Sign
Conc. Widening
0.2 W.K.
0.3 W.K.
0.4 W.K.
0.5 W.K.
6+88 ℄ 24' Drive
7+50 P.V.I. El. 126.28 50' V.C.
8+97 ℄ Drive
10+83
NOTE: The drives at Sta. 6+88 ; Jto. 8+97 and Sta. 13+19.1 shall be const. at locations as shown. Other drives may be located by owner with approval of engineer.
Conc. widening and drive way to be constructed by private contract.
C 14-44
3/8

B.M. 125.97 "a" cut on conc. parking on N. Side
of E-t-r-s Sign on S.W. corner 21st & Woodrow

REFERENCE POINTS TO IRON STA. 14+53.88

1. 49.38' N. to 'X' cut on back of 4' conc. walk.
2. 39.54' S.E. to 'X' cut top conc. headwall to R.C.P.
3. 56.78' S.W. to Iron on S.L. 21st St. on W.L. Woodrow.

N

12+84.65 13+51.68 14+86.65

12+00 12+50 14+00 14+53.88 15+00

-0.161 ft. +0.200 ft. -0.160 ft.

COOLIDGE

STREET

WOODROW

MATCH

Service Station Bldg.

Vickers Station

Mastic Joint

Conc. Walk

Conc. Flume

Chain Link Fence

Chain Rd. Wall

Ex. Water 107.95

Ex. Tel. Line

W. of End Bridge

2" R.

3" R.

30' Except From Sta. 0+48 to Sta. 2+75 (Sheet #2)

2" Asph. Surface

Compacted Fill

Non-Standard Sep. Cb.

#4 dowel bars @ 30" cts.

This part of base to be paid as Lin. Ft. Non-Standard Reinf. Separate Curb

TRAFFIC MEDIAL DETAILS FOR 21ST. ST.

No Scale

C 14-44

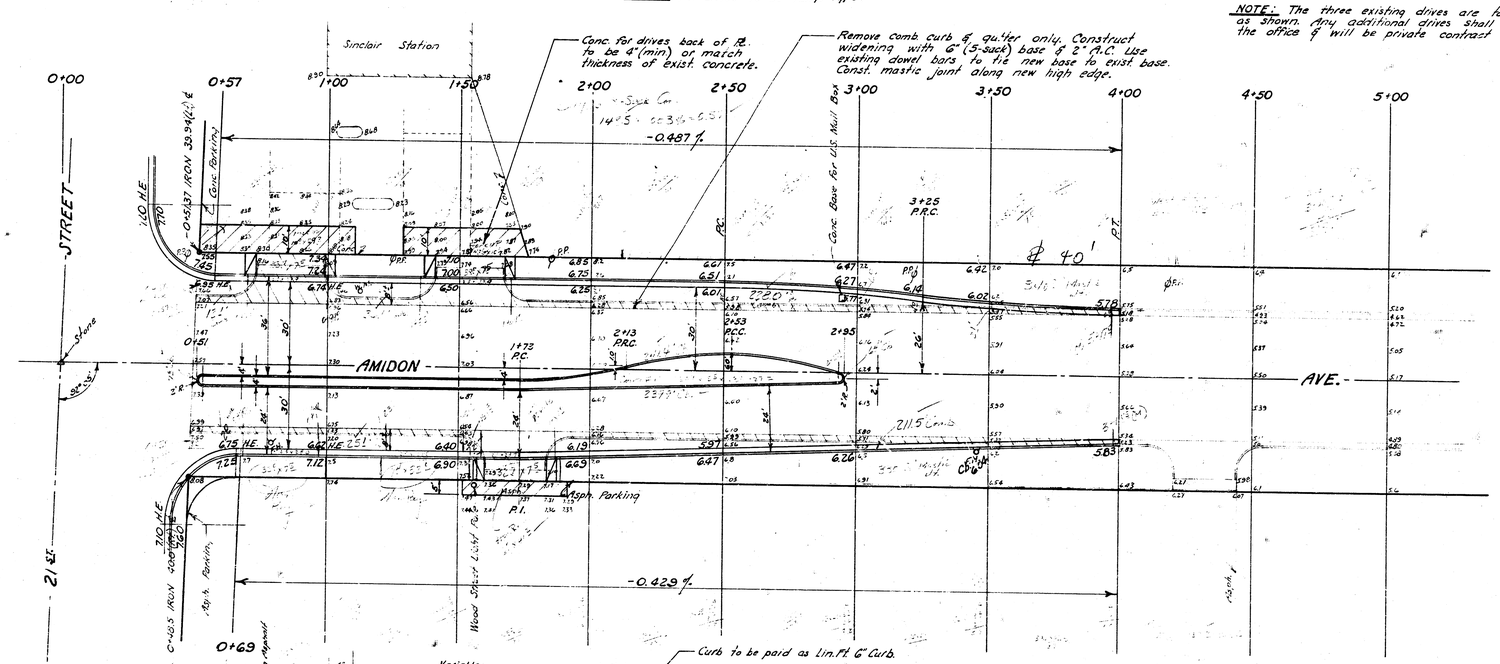
4/8

NOTE: All drives to be ramp type.

Scale: 1" = 20'

N

NOTE: The three existing drives are to be re-constructed as shown. Any additional drives shall be approved by the office & will be private contract by owner.



DETAIL SHOWING DOWELED CURB FOR TRAFFIC MEDIAL FOR AMIDON

No Scale

C 14-44

5/8

Survey By U.T. Grant Co. 117
Drawn By C. Cramer
Checked By

NOTE: TO CONTRACTOR
FLUSH ALL BACKFILL BEGIN SAND FILL
@ STATION 1+60

NOTE: TO CONTRACTOR
Headwalls, inlets, & manholes on existing pipes are to be included in the bid price of pipe removed. Asph. mat rem. is a no pay item incidental to the project.

Note: Remove 15" C.M.P.

WOODROW

T.C. 125.24
Flo in 121.30
Flo out 121.22

37.5'

30'

T.C. 126.20
Flo out 122.00

69 15" R.C.P.

21ST STREET

31.5'

Sta. 0+50 Const. Outfall Structure
See Sheet No. 2 for Details

Flo in 120.60
Flo out 116.10

Flo out 115.98
Flo in 115.48
Flo in 117.80
Flo 118.00
Flo out 110.48

8'-15" R.C.P.

Note: Remove 24" R.C.P. conc. flume & 15" stone headwall

Sta. 1+24 Const. Std. Brick M.H.

Sta. 2+17 Const. Std. Brick M.H.

Note: Remove 24" R.C.P.

Note: Remove 21" R.C.P., 9" Headwall & Brick Box M.H.

Note: Remove 20" C.M.P. & Headwall

GODDARD

LITTLE ARKANSAS RIVER

B. M. 125.97 "D" cut on conc. parting on N. side Vickers sign on S.W. cor. 21st St. & Woodrow

Plan Scale 1" = 20'
Profile Scale 1" = 20' Hor.
1" = 4' Vert.

Sta. 0+50 Const. Outfall Structure

Natural Ground

Sta. 1+24.5 Const. Std. Brick M.H.

Top M.H. 125.00

Begin Sand Fill

Sta. 2+17 Const. Std. Brick M.H.

Top M.H. 123.14

24" R.C.P. @ 1.0%

24" R.C.P. @ 0.80 %

24" R.C.P. @ 4.66%

Rip Rap @ Outfall

Flo 115.48

Flo 116.40

Flo out 110.48

116.53

111.06

111.86

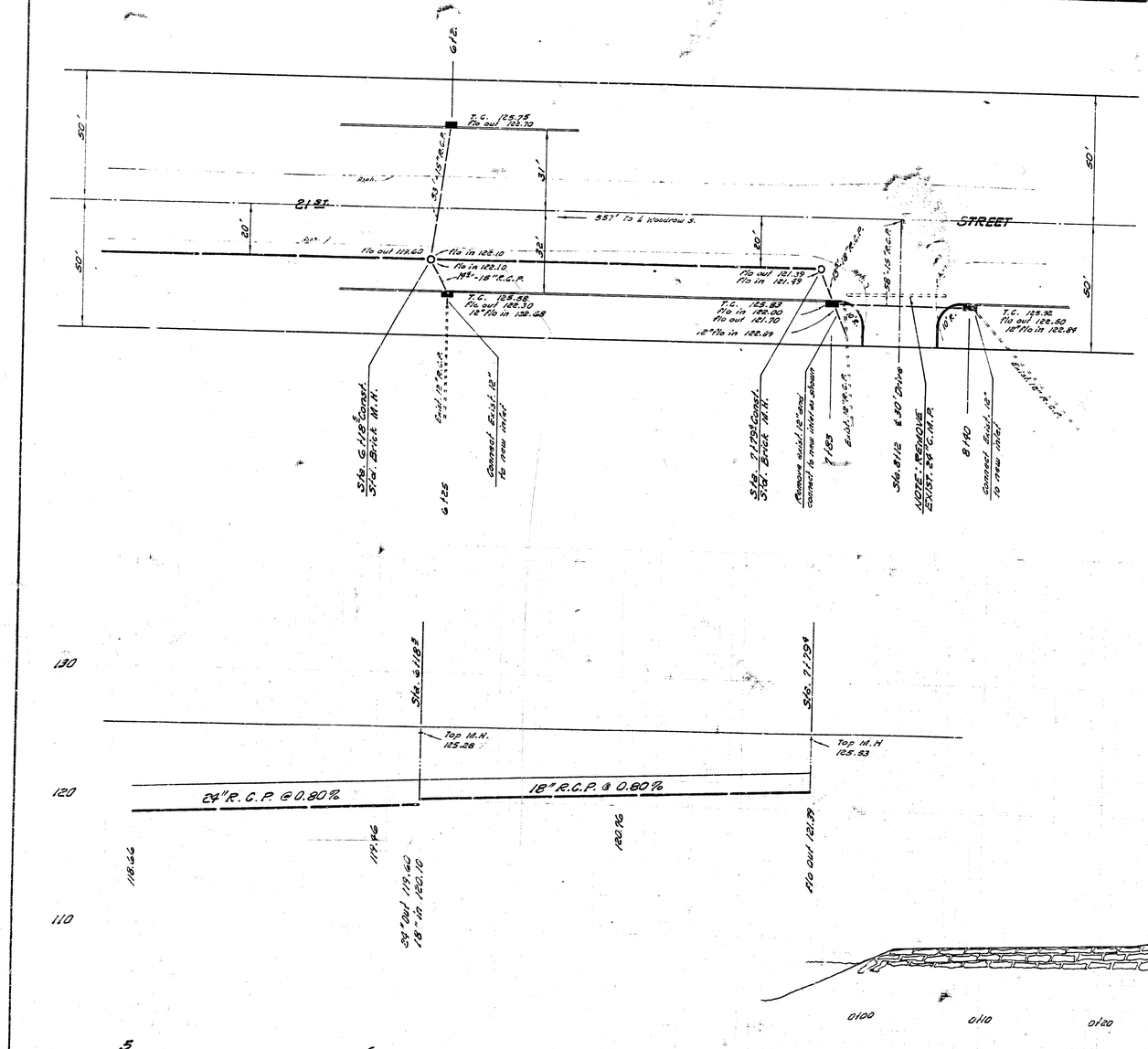
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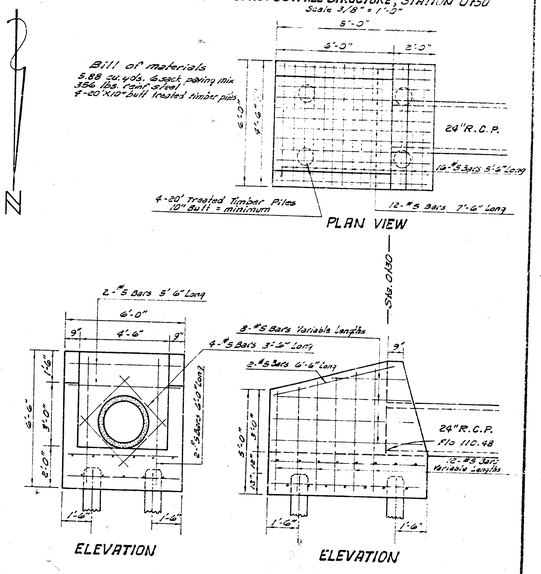
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120
110

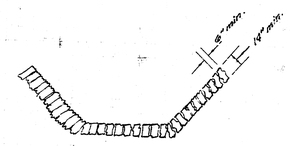
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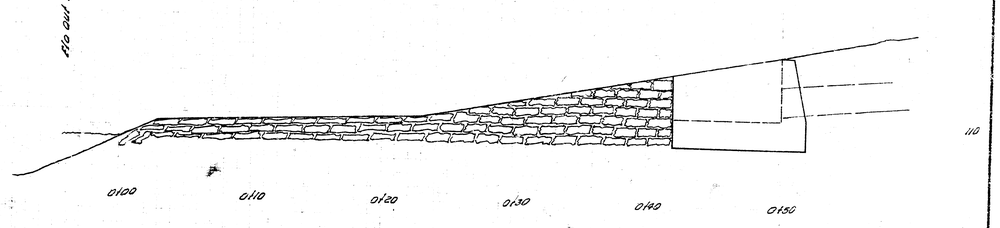
1/2

INCIDENTAL DRAINAGE
TWENTY FIRST STREET
E. L. WOODROW TO 930'+- E. OF E. HAMILTON
CITY OF WICHITA, KANS.
C. E. SMITH, CITY ENGINEER
PROJ. NO. CIA-44 DATE MARCH 1965









2/2

INCIDENTAL DRAINAGE
21 ST., E.L. WOODROW TO 450' W. OF E. AMIDON
PROJ. NO. C14-44