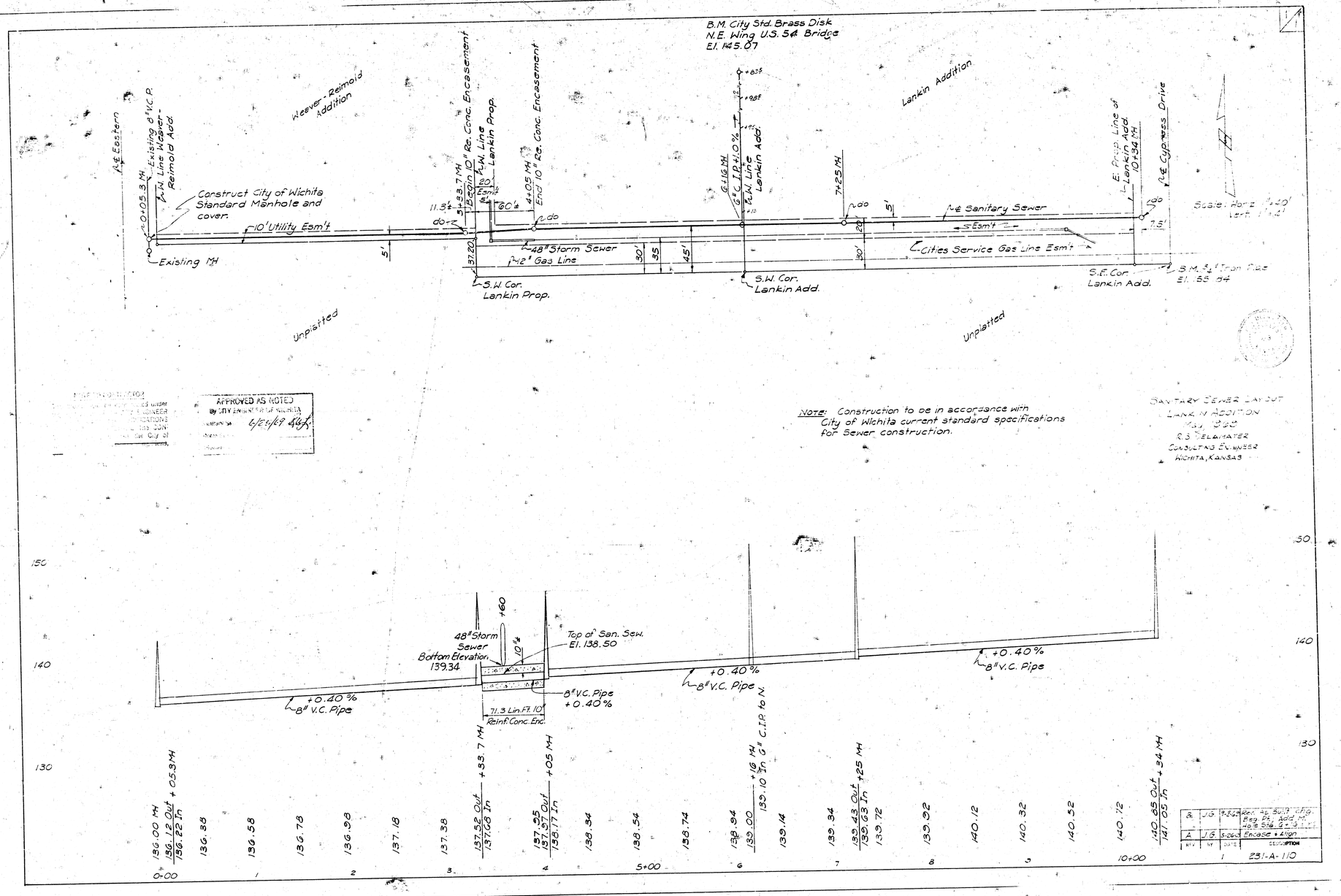

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
6/24/69

Note: Construction to be in accordance with City of Wichita current standard specifications for sewer construction.

SANITARY SEWER LAY OUT
LANKIN ADDITION
Wichita, Kansas
R.S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS

B	JG	9-26-69	Rev. to Suit City Req. Pr. Add M.H. & Sta. 5+13
A	JG	5-26-69	Encase & Align
No.	By	Date	Description

TELEPHONE
(316) 262-2293

R. S. DELAMATER
CONSULTING ENGINEER

512 CENTURY PLAZA
WICHITA, KANSAS 67202

January 6, 1970

Mr. R. E. Smith, P.E.
City Engineer
City of Wichita
Wichita, Kansas 67202

Attention: Mr. James Tandy
Office Engineer

Dear Mr. Tandy:

We are handing you herewith the tracings for the 48" storm sewer and the sanitary sewer which have been constructed to serve the Lankin Addition.

These tracings have been corrected to indicate the grades and dimensions as built and also to include the connecting lines into the sewers; in the case of the storm sewer we have indicated the location, flowline and grate elevation of the inlets which discharge into the manhole at the eastern end of the line.

Yours very truly,

R. S. Delamater, P.E.

RSDirms

Enclosures

Sta. 6+80 Const. 7'x7' Conc. Manhole (~~with temporary drain opening~~). Brick extension Install 48"x81.4' S.S.(RCP) S.

Sta. 10+00 Const. 7'x7' Conc. Manhole (~~with temporary drain opening~~). Brick extension Install 48"x59.4' SS.(RCP) E.

Scale 1"=50' Horiz. 1"=5' Vert.

B.M. City Std. Brass Disk N.E. Wing U.S. 54 Br. El. 145.07

B.M. ¾" Iron Pipe S.E. Corner Lankin Addition El. 155.84

These inlets consist of 36" concrete pipe set vertically with concrete slab top and 24" square C.I. grates.

Sta. 15+73.5 Const. 7'x7' Conc. Manhole. Inlet to be installed by others in connection with paving and site improvements. Install 48"x42' S.S.(R.C.P.) S.E.

8" Sanitary Sewer

Gas Service Co. Esm't

20' Esm't

30' Esm't

5' Esm't

Cypress Drive

S.E. Corner Lankin Addition

4" High Pressure Gas Line

℄ Drain

℄ Exist Drain

℄ W. 12

S. 12

S.W. Corner (Lankin Property)

S.W. Corner Lankin Addition

Sta. 16+42 Const. Concrete Drop Inlet

Sta. 6+56 Install 48"x48' Storm Sewer R.C.P., S.E. Riprap to protect against scouring around pipe by others. (See Sheet 2 of Plans for Box Enclosure and Channel Improvement on Gypsum Creek.)

NOTE, As built: All concrete manholes are built with standard concrete bottom sections, and brick extensions, with 2' square grate tops.

Scale 1"=50'

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewers 6/25/69
Driveway Approaches

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the ... The CONTRACTOR ... the City of Wichita ... cost of ~~engineering, plans,~~ and inspection.

NOTE: Construction to be in accordance with City of Wichita current standard specifications for sewer construction.
See Sheet 2 for Standard Manhole Details.
See Sheet 3 for details of Special Inlet and temporary openings.

48" Storm Sewer Layout
Lankin Addition
May, 1969
R.S. Delamater
Consulting Engineer
Wichita, Kansas

152.62 Inlet — 153.75 Inlet — 152.61 Inlet — I.P.

96" R.C.P. — 12" Steel Pipe — 12" Steel Pipe

IE 145.02 — IE 147.30 — IE 146.10 — IE 145.90

15+73.5 M.H. — 16+42 M.H.

Compact Fill — 6+80 M.H. — 10+00 M.H.

El. 143.70 — El. 148.56 — El. 152.54 — El. 151.80

Bot. 48" R.C.P. = El. 139.34

In 139.93 Out 139.88

Out 133.89 — In 134.35 Out 134.25

+2.00% — 48" R.C.S.P. — +1.76% — Top San. Sewer = El. 138.50 — +0.60% — 48" R.C.S.P. — +0.6%

~~Bott. 12" Gas Line El. 149.77~~ 149.36 In (Lowered to below 48" Storm Sewer)

IE 143.35

Note: As built revisions 12.5-69 are to show changes in the fields by others, and do not reflect changes in the plans by the consultant.

160	155	150	145	140	135	130

5+00 — 6 — 7 — 8 — 9 — 10+00 — 1 — 2 — 3 — 4 — 15 — 16+00

134.65 — 135.58 — 136.41 — 137.25 — 138.17 — 139.05 — 139.88 — 140.21 — 140.51 — 140.81 — 141.11 — 141.41 — 141.71 — 142.01 — 142.31 — 142.61 — 142.91 — 143.21 — 143.49 — 143.53 — 143.80

+37 +03 +42

REV.	BY	DATE	DESCRIPTION
C	J.G.	11-5-69	Revised as Built
B	J.G.	6-12-69	R.C.S.P. on ℄ Inlets at E. In and Out
A	J.G.	5-12-69	60" R.C.P. to 48" Add Inlet

231-A-100

Sta. 3+80 Const. 7'x7' Conc. Manholé (~~with temporary drain opening~~). Brick extension Install 48"x314' S.S. (RCP) S.

Sta. 10+00 Const. 7'x7' Conc. Manhole (~~with temporary drain opening~~). Brick extension Install 48"x594' SS. (RCP) E.

Scale 1"=50' Horiz, 1"=5' Vert.

B.M. City Std. Brass Disk N.E. Wing U.S. 54 Br. El. 145.07

B.M. ¾" Iron Pipe S.E. Corner Lankin Addition El 155.14

These insts consist of 36" concrete pipe set vertically with concrete slab top and 24" square C.I. grates.

Sta. 15+73.5 Const. 7'x7' Conc. Manhole. Inlet to be installed by others in connection with paving and site improvements. Install 48"x 44' S.S. (R.C.P.) S.E.

Esm't

Sta. 6+56 Install 48"x48' Storm Sewer R.C.P. S.E. Riprap to protect against scouring around pipe by others. (See Sheet 2 of Plans for Box Enclosure and Channel Improvement on Gypsum Creek.)

Scale 1"=50'

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewers 6/25/69
Driveway

This project will be constructed under the supervision of the CITY ENGINEER and in accordance with the SPECIFICATIONS of the CONTRACT dated the ... day of ... 19..., and ... pages.

Gas Service Co. Esm't

8" Sanitary Sewer

20' Esm't

S.W. Corner (Lankin Property)

S.W. Corner Lankin Addition

Sta. 16+42 Const. Concrete Drop Inlet

Cypress Drive

S.E. Corner Lankin Addition

4" High Pressure Gas Line

Lt. Drain

Note: As built: All concrete manholes are built with standard concrete bottom sections, and brick extensions, with 24" square grate tops.

Note: Construction to be in accordance with City of Wichita current standard specifications

Part Special Construction See Sheet 4 for Standard Manhole Details See Sheet 4 for details of Special Inlet and Temporary openings

48" Storm Sewer Layout
Lankin Addition
May, 1969

J.C. Delamater
Consulting Engineer
Wichita, Kansas

PLAN
Horiz. Scale 1"=50'
Vert. Scale —
Plotted from Aerial Survey
Dated —
Drawn —
Checked —
Traced —
Approved —

PROFILE
Horiz. Scale 1"=50'
Vert. Scale 1"=5'
Plotted from Aerial Survey
Dated —
Drawn —
Checked —
Traced —
Approved —

Compact Fill

El. 143.70

Out 133.89

Ln 134.33
Out 134.28

El. 148.56

Ln 135.93
Out 135.88

Top Sand Shield El. 139.50

Ln 136.16

El. 152.45

El. 143.35

Note: As built revisions 18-5-10 are to show changes in this plan by others, and do not reflect changes in the plans by the consultant.

No.	Date	By	Revised as Built
C	6-10		
B			
A	9-6-69		

231-A-106

K&E PLATE 1, PLAN-PROFILE. KEUFFEL & ESSER CO.

As built Plan.