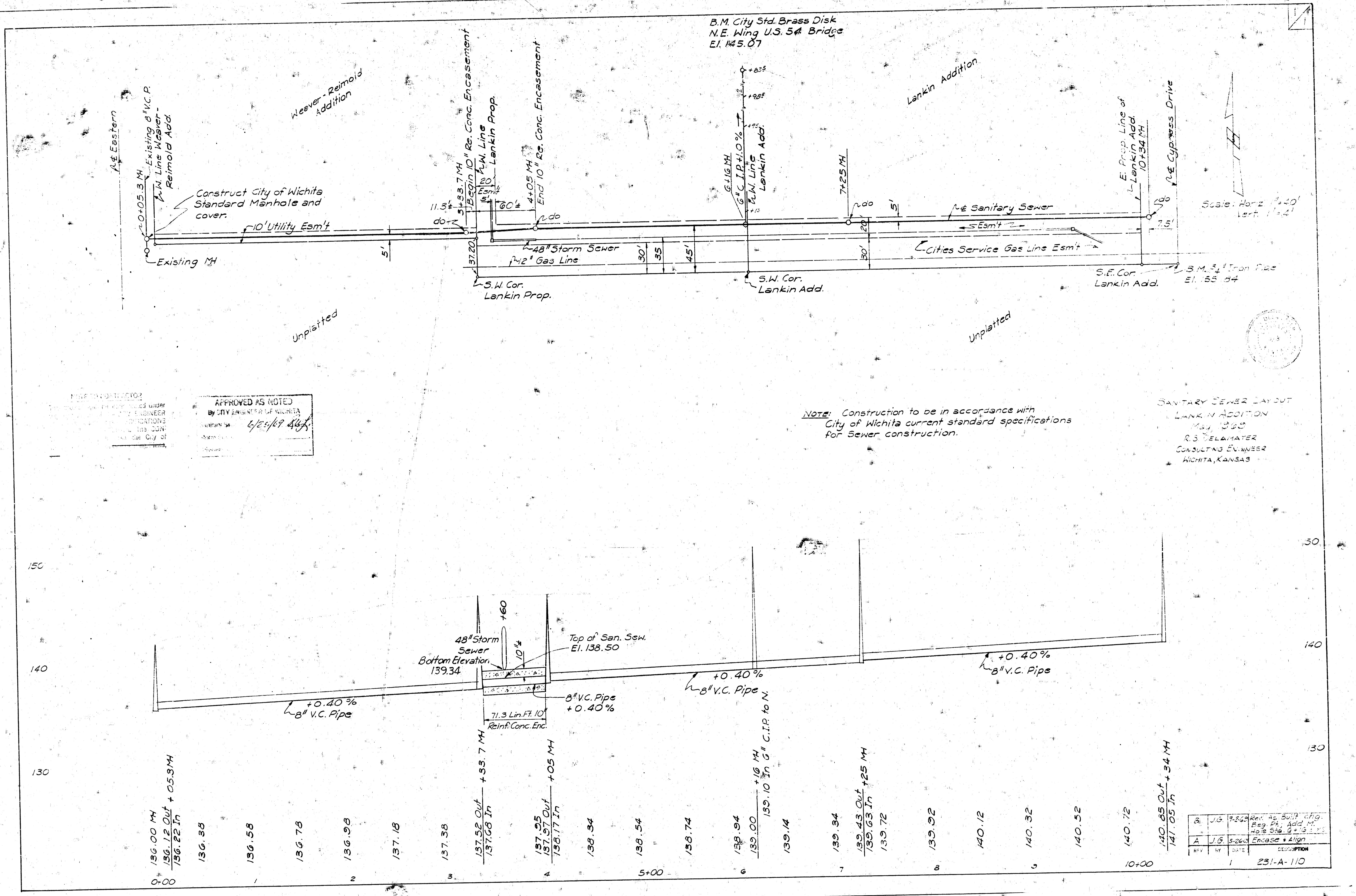

B.M. City Std. Brass Disk
N.E. Wing U.S. 54 Bridge
El. 145.07
Weever-Reimold Addition
Lankin Addition
℄ Eastern
0+05.3 MH
Existing 8" V.C.P.
W. Line Weever-Reimold Add.
Construct City of Wichita Standard Manhole and cover.
10' Utility Esm't
Existing MH
3+33.7 MH
Begin 10" Re. Conc. Encasement
W. Line Lankin Prop.
4+05 MH
End 10" Re. Conc. Encasement
Esm't
60'±
48" Storm Sewer
12" Gas Line
S.W. Cor. Lankin Prop.
6+16 MH
6" C.I.P. @ 1.0%
W. Line Lankin Add.
S.W. Cor. Lankin Add.
7+25 MH
℄ Sanitary Sewer
Esm't
Cities Service Gas Line Esm't
E. Prop. Line of Lankin Add.
10+34 MH
℄ Cypress Drive
S.E. Cor. Lankin Add.
B.M. 3/4" Iron Pipe
El. 155.54
Scale: Horiz. 1"=40'
Vert. 1"=4'
Unplatted
Unplatted
do
5'
20
30'
35
45'
7.5'
37.20
11.5'
150
140
130
48" Storm Sewer
Bottom Elevation 139.34
Top of San. Sew. El. 138.50
71.3 Lin. Ft. 10" Reinf. Conc. Enc.
+0.40 %
8" V.C. Pipe
8" V.C. Pipe
+0.40 %
8" C.I.P. to N.
136.00 MH
136.12 Out / 136.22 In +05.3 MH
136.38
136.58
136.78
136.98
137.18
137.38
137.52 Out / 137.66 In +33.7 MH
137.55 Out / 137.57 In / 138.17 In +05 MH
138.34
138.54
138.74
138.94
139.00 / 139.10 In +16 MH
139.14
139.34
139.43 Out / 139.63 In +25 MH
139.72
139.92
140.12
140.32
140.52
140.72
140.85 Out / 141.05 In +34 MH
0+00
1
2
3
4
5+00
6
7
8
9
10+00

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

SANITARY SEWER LAYOUT
LANKIN ADDITION
May, 1969
R.S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS

NOTE TO CONTRACTOR
... constructed under
... CITY ENGINEER
... SPECIFICATIONS
... the CON-
... the City of

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sw. 6/25/69

B.	J.G.	7-2-69	Rev. As Built chg. Beg. Pt.; Add M. Hole Sta. 6+16
A	J.G.	5-26-69	Encase & Align
REV	BY	DATE	DESCRIPTION

1 231-A-110

TELEPHONE
(316) 262-8293

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.

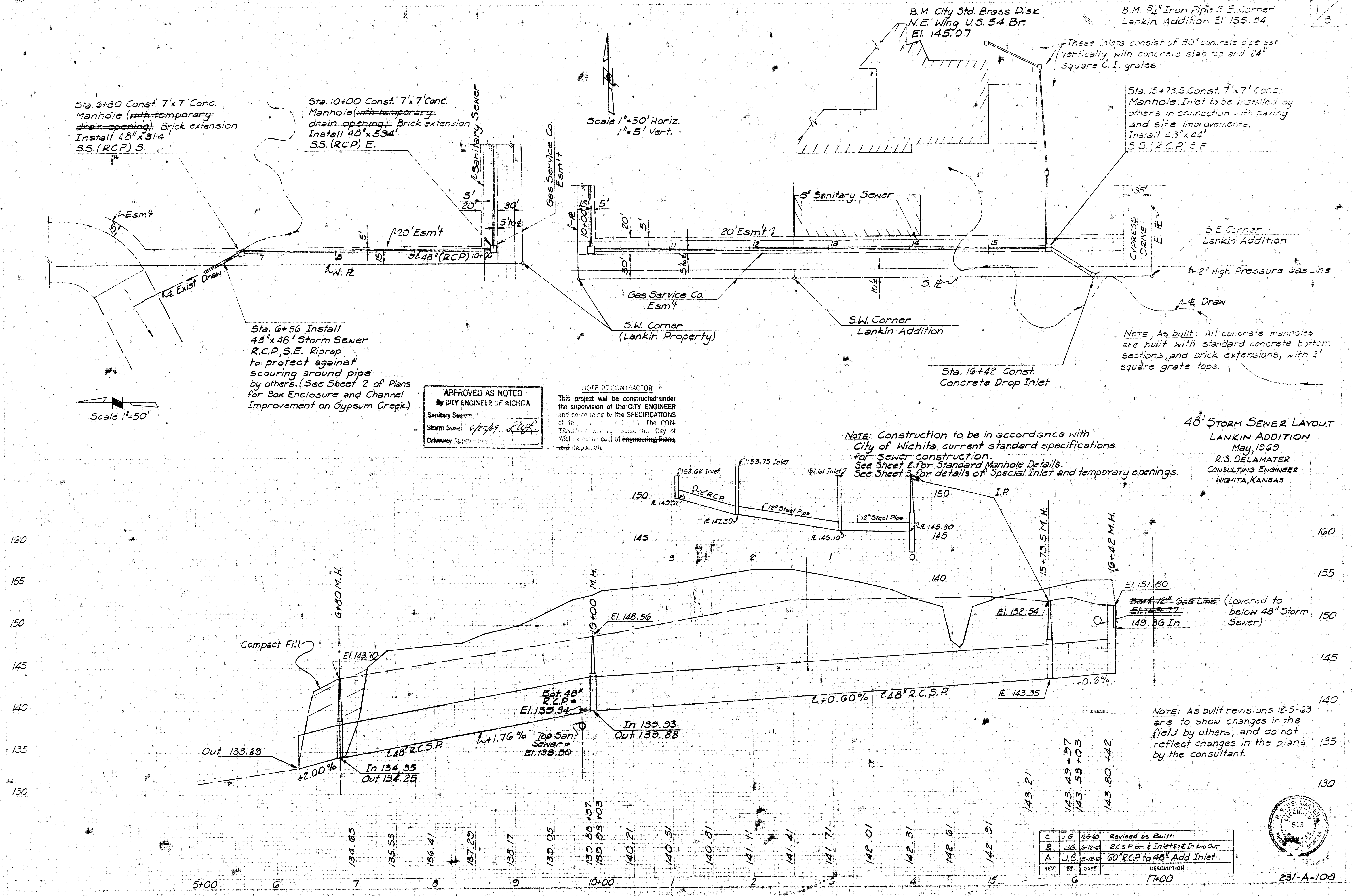
These tracings have been corrected to indicate the grades and dimensions as built and also to include the connecting lines into the sewers; in the case of the storm sewer we have indicated the location, flowline and grate elevation of the inlets which discharge into the manhole at the eastern end of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

Yours very truly,

R. S. Delamater, P.E.

RSD:rms

Enclosures


Sta. 6+80 Const. 7'x7' Conc. Manhole (~~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' S.S.(RCP) E.
℄ Sanitary Sewer
Gas Service Co. Esm't
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. 3/4" Iron Pipe S.E. Corner Lankin Addition El. 155.84
1/5
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"x44' S.S.(RCP) S.E.
8" Sanitary Sewer
20' Esm't
℄ Esm't
5'
20'
30'
5' to ℄
15'
10+00
5
7
8
11
12
13
14
15
3' ℄ 48" (RCP)
℄ W. ℄
℄ Exist Draw
35'
Cypress Drive E. ℄
S.E. Corner Lankin Addition
2" High Pressure Gas Line
℄ Draw
S. ℄
Gas Service Co. Esm't
S.W. Corner (Lankin Property)
S.W. Corner Lankin Addition
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'
Sta. 16+42 Const. Concrete Drop Inlet
152.62 Inlet
153.73 Inlet
152.61 Inlet
12" R.C.P.
12" Steel Pipe
12" Steel Pipe
E. 143.02
E. 147.90
E. 146.10
E. 145.90
150
145
140
I.P.
3
2
1
0
6+80 M.H.
10+00 M.H.
15+73.5 M.H.
16+42 M.H.
Compact Fill
El. 143.70
El. 148.56
El. 152.54
El. 151.80
~~Bott. 12" Gas Line El. 149.77~~
149.36 In
(Lowered to below 48" Storm Sewer)
Bot. 48" R.C.P. = El. 139.34
In 139.93
Out 139.88
Top San. Sewer = El. 138.50
℄ +1.76%
℄ 48" R.C.S.P.
℄ +0.60% ℄ 48" R.C.S.P.
E. 143.35
+0.6%
Out 133.29
+2.00%
In 134.35
Out 134.25
160
155
150
145
140
135
130
134.65
135.53
136.41
137.29
138.17
139.05
139.88 +97
139.93 +03
140.21
140.51
140.81
141.11
141.41
141.71
142.01
142.31
142.61
142.91
143.21
143.49 +97
143.53 +03
143.80 +42
5+00
6
7
8
9
10+00
1
2
3
4
15
6
17+00

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

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers
Storm Sewer 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 CITY OF WICHITA. The CONTRACTOR will reimburse the City of Wichita for all 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.

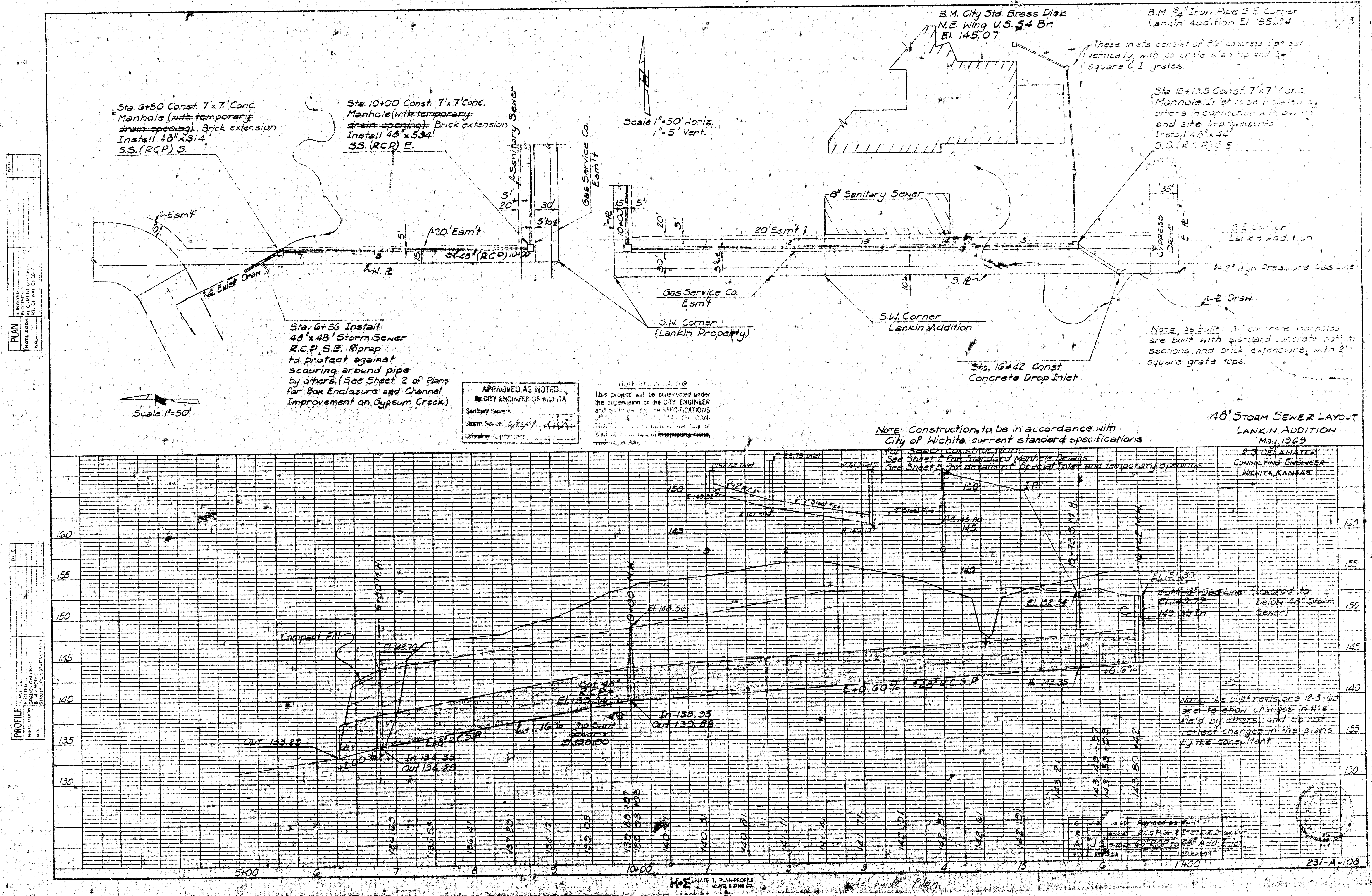
48" STORM SEWER LAYOUT
LANKIN ADDITION
May, 1969
R.S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS

NOTE: As built revisions 12-5-69 are to show changes in the field by others, and do not reflect changes in the plans by the consultant.

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

R.S. DELAMATER 513

231-A-108


PLAN
PROFILE
Sta. 6+80 Const. 7'x7' Conc. Manhole (~~with temporary drain opening~~). Brick extension Install 48" x 314' S.S. (RCP) S.
Sta. 10+00 Const. 7'x7' Conc. Manhole (~~with temporary drain opening~~). Brick extension Install 48" x 594' S.S. (RCP) E.
Sanitary Sewer
Gas Service Co. Esm't
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. 3/4" Iron Pipe S.E. Corner Lankin Addition El. 155.34
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" x 44' S.S. (RCP) S.E.
Esm't
20' Esm't
S.S. 48" (RCP)
W.R.
Exist. Draw
8" Sanitary Sewer
20' Esm't
Cypress Drive
S.E. Corner Lankin Addition
2" High Pressure Gas Line
Draw
Gas Service Co. Esm't
S.W. Corner (Lankin Property)
S.W. Corner Lankin Addition
Sta. 6+56 Install 48" x 48' 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'
Sta. 16+42 Const. Concrete Drop Inlet
Note: As Built: All concrete manholes are built with standard concrete bottom sections, and brick extensions, with 2' square grate tops.
Compact Fill
El. 143.70
Out 133.89
In 134.35
Out 134.25
48" R.C.S.P.
+0.76%
Top Soil Sewer El. 136.50
Bot. 48" R.C.P. El. 135.34
El. 148.56
In 135.93
Out 135.88
+0.60% 48" R.C.S.P.
El. 143.35
+0.6%
El. 152.62 Inlet
12" Steel Pipe
El. 145.80
I.P.
El. 151.80
Bottom 12" Gas Line El. 149.77 (Lowered to below 48" Storm Sewer)
149.86 In
15+73.5 M.H.
16+42 M.H.
6+80 M.H.
10+00 M.H.
Note: As built revisions 12-5-69 are to show changes in the field by others and do not reflect changes in the plans by the consultant.
160
155
150
145
140
135
130
134.85
135.53
136.41
137.29
138.17
139.05
139.93
140.81
141.11
141.71
142.01
142.31
142.61
142.91
143.21
143.49
143.59
143.80
5+00
6
7
8
9
10+00
1
2
3
4
15
6
17+00
C J.G. Revised as Built
B J.G. R.C.S.P. Sc. Inlet In and Out
A J.G. 5-12-69 60" RCP to 48" Adj. Inlet
REV. BY DATE DESCRIPTION
231-A-108

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

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

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of [illegible] the CONTRACTOR [illegible] reimburse the City of Wichita [illegible] cost of ~~Engineering Plans, and~~ Inspection.

As Built Plan