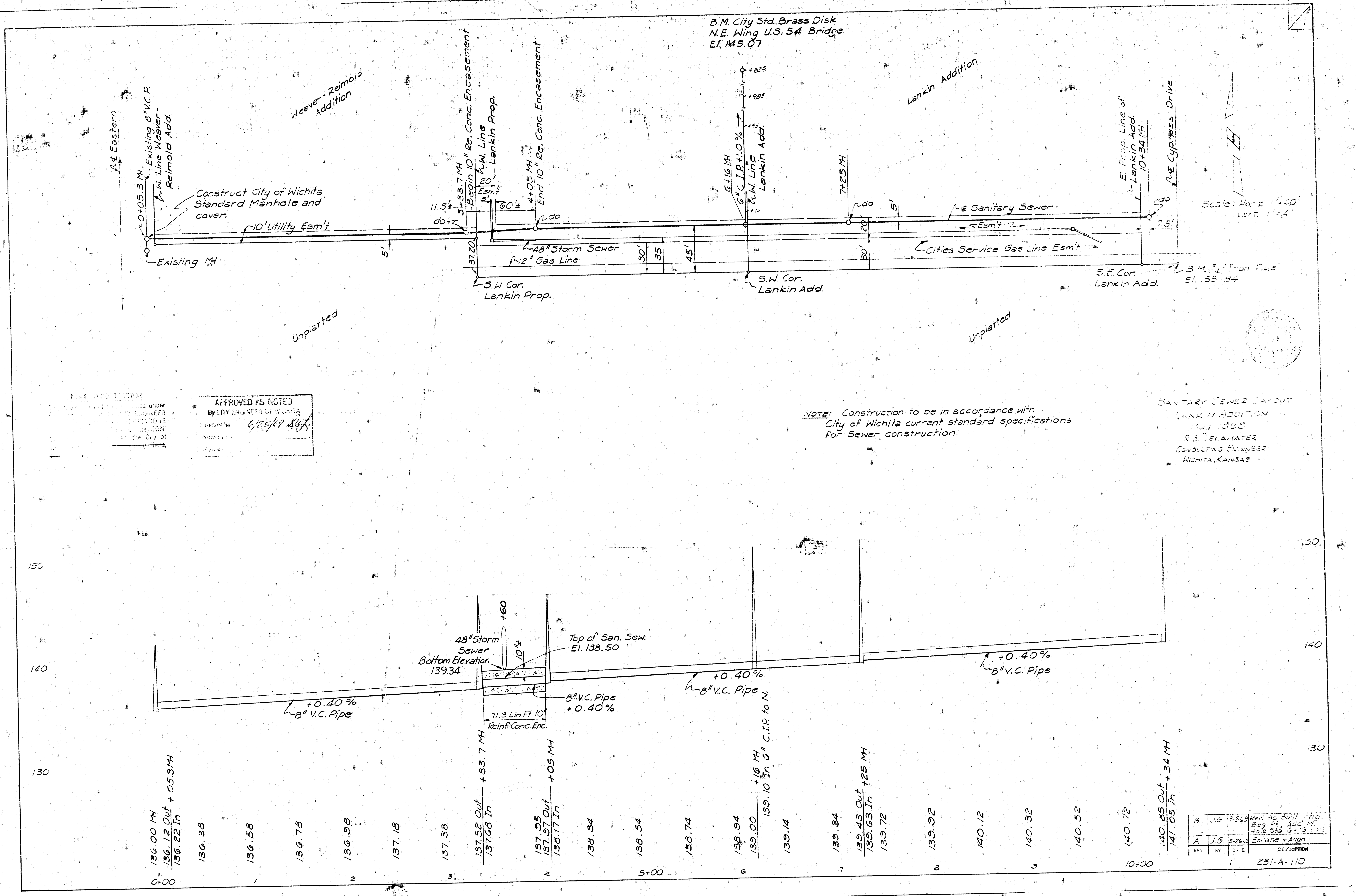

B.M. City Std. Brass Disk
N.E. Wing U.S. 54 Bridge
El. 145.07
Weaver-Reimold Addition
Lankin Addition
℄ Eastern
0+05.3 MH
Existing 8" V.C.P.
W. Line Weaver-Reimold Add.
Construct City of Wichita Standard Manhole and cover.
10' Utility Esm't
Existing MH
5'
11.3'±
do
3+33.7 MH
Begin 10" Re. Conc. Encasement
W. Line Lankin Prop.
20' Esm't
5'
60'±
4+05 MH
End 10" Re. Conc. Encasement
do
48" Storm Sewer
12" Gas Line
37.20
30'
35
45'
S.W. Cor. Lankin Prop.
6+16 MH
6" C.I.P. +1.0%
+83.5
+98.5
+95
+13
W. Line Lankin Add.
7+25 MH
do
5'
20'
30'
℄ Sanitary Sewer
Esm't
Cities Service Gas Line Esm't
S.W. Cor. Lankin Add.
E. Prop. Line of Lankin Add.
10+34 MH
℄ Cypress Drive
do
7.5'
S.E. Cor. Lankin Add.
B.M. 3/4" Iron Pipe
El. 155.84
Scale: Horiz 1"=40'
Vert. 1"=4'
Unplatted
Unplatted
150
140
130
48" Storm Sewer
Bottom Elevation
139.34
+60
10"±
Top of San. Sew.
El. 138.50
+0.40%
8" V.C. Pipe
8" V.C. Pipe
+0.40%
71.3 Lin. Ft. 10" Reinf. Conc. Enc.
+0.40%
8" V.C. Pipe
+0.40%
8" V.C. Pipe
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
137.68 In
+33.7 MH
137.95
137.97 Out
138.17 In
+05 MH
138.34
138.54
138.74
138.94
139.00
139.10 In 6" C.I.P. to N.
+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 TO CONTRACTOR
... under
... CITY ENGINEER
... CATIONS
... the CON-
... the City of
~~... ations,~~

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

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

REV	BY	DATE	DESCRIPTION
B	J.G.	9-2-69	Rev. As Built chg. Beg. Pt.; Add M. Hole Sta. 6+16 ± MS
A	J.G.	5-26-69	Encase & Align

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.

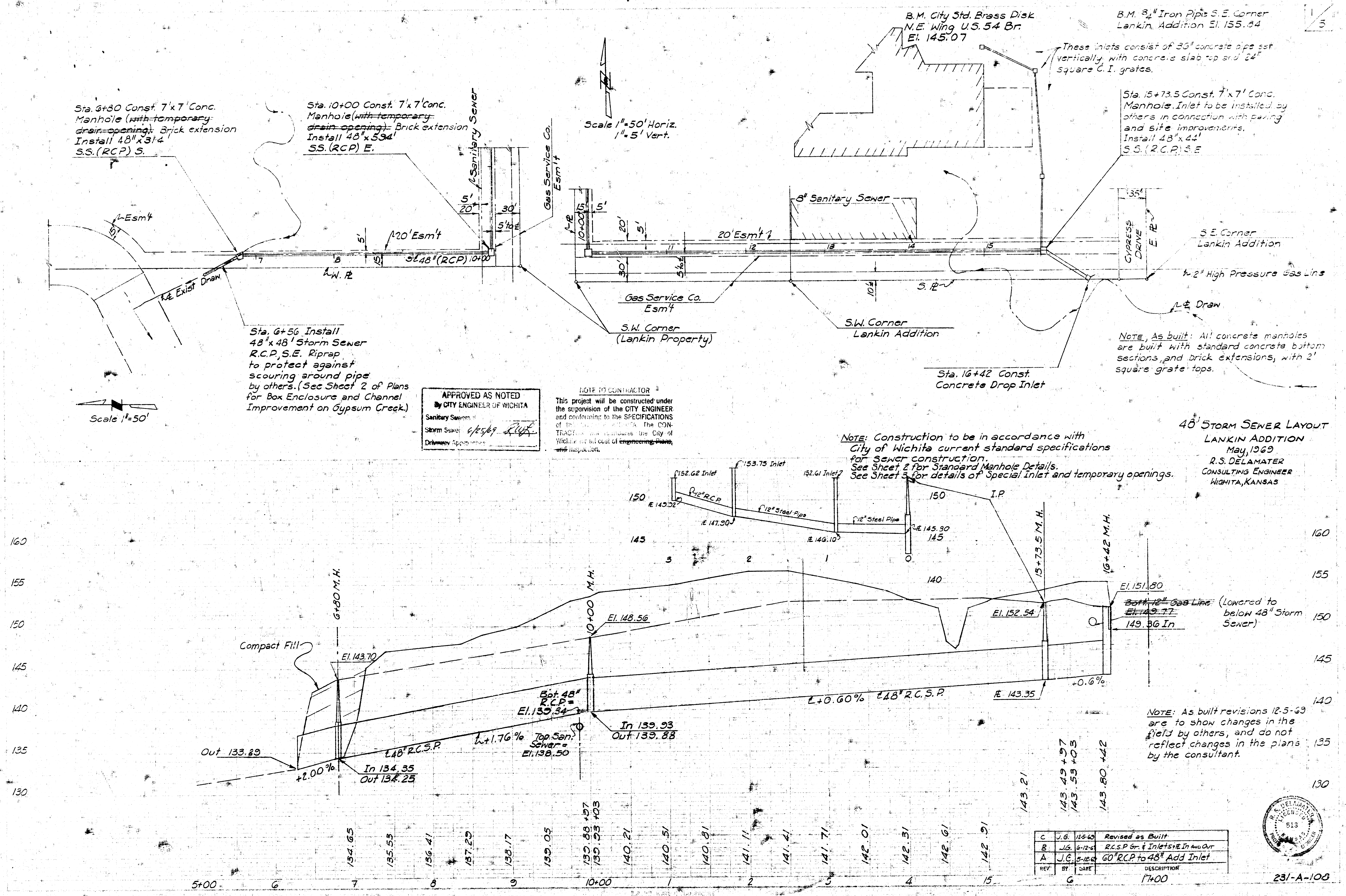
These tracings have been corrected to indicate the grades and dimensions as built and also to include the connecting lines into the sewers; in the case of the storm sewer we have indicated the location, flowline and grate elevation of the inlets which discharge into the manhole at the eastern end of 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
35'
Cypress Drive E. ℄
S.E. Corner
Lankin Addition
2" High Pressure Gas Line
℄ Draw
℄ Esm't
15'
5'
20'
30'
5' to ℄
20' Esm't
7
8
9
10+00
11
12
13
14
15
℄ 48" (RCP)
℄ W. ℄
℄ Exist Draw
S. ℄
10'
Gas Service Co.
Esm't
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.)
Scale 1"=50'
152.62 Inlet
153.75 Inlet
152.61 Inlet
12" R.C.P.
12" Steel Pipe
12" Steel Pipe
℄ 149.02
℄ 147.90
℄ 146.10
℄ 145.90
I.P.
160
155
150
145
140
135
130
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
Bot. 48" R.C.P. = El. 139.34
In 139.93
Out 139.88
℄ +1.76%
Top San. Sewer = El. 138.50
℄ 48" R.C.S.P.
Out 133.29
+2.00%
In 134.35
Out 134.25
℄ +0.60%
℄ 48" R.C.S.P.
El. 152.54
℄ 143.35
+0.6%
El. 151.80
~~Bott. 12" Gas Line El. 149.77~~
(Lowered to below 48" Storm Sewer)
149.36 In
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 Rlf
Driveway Approaches

NOTE TO CONTRACTOR
This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the [illegible] 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.

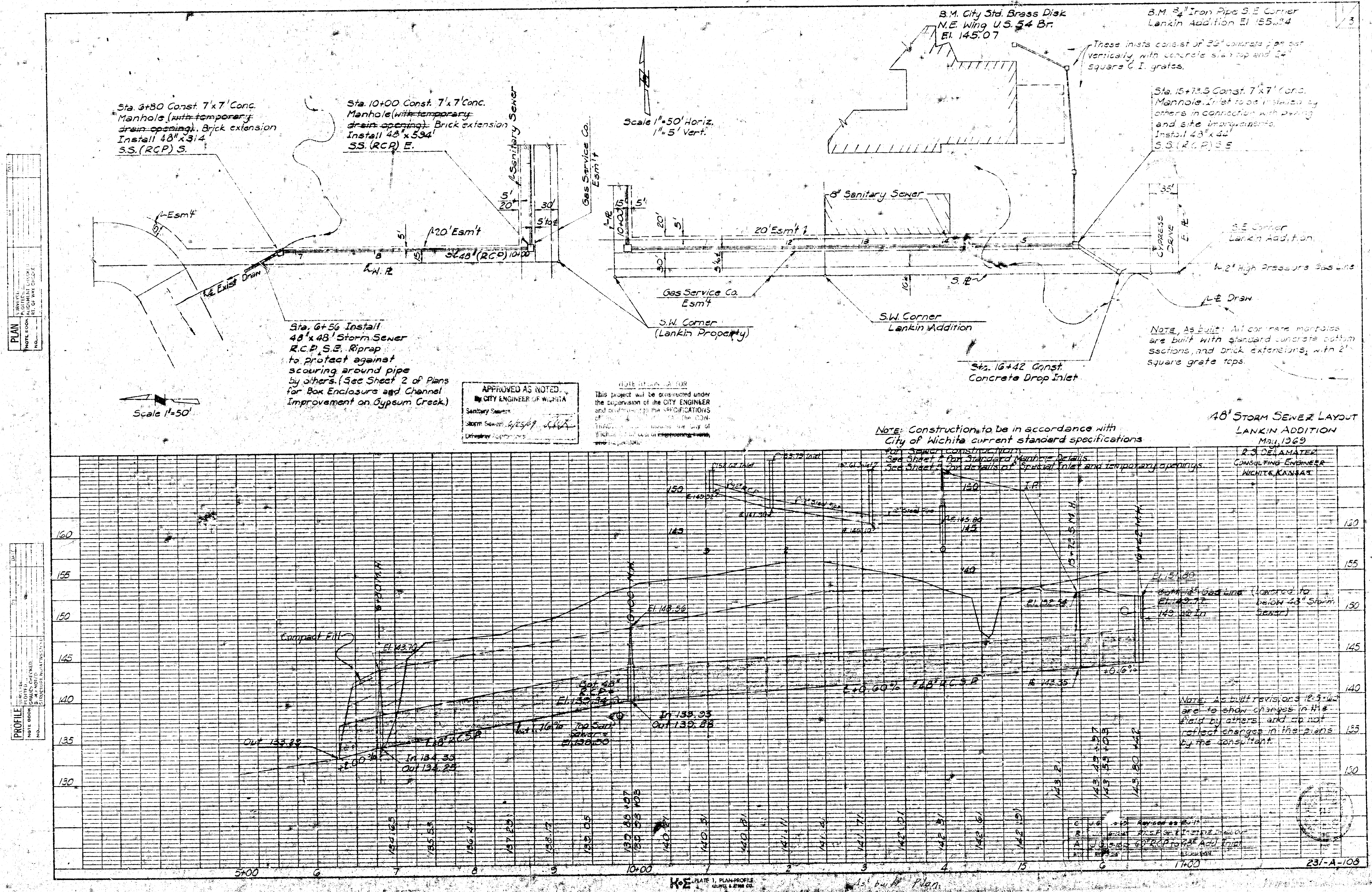
48" STORM SEWER LAYOUT
LANKIN ADDITION
May, 1969
R.S. DELAMATER
CONSULTING ENGINEER
WICHITA, KANSAS

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.

R.S. Delamater 513

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

231-A-108


1/3
PLAN
PROFILE
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
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.
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 Creck.)
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.
Sta. 16+42 Const. Concrete Drop Inlet
These inlets consist of 36" concrete pipe set vertically with concrete slab top and 24" square C.I. grates.
Scale 1"=50'
Scale 1"=50' Horiz. 1"=5' Vert.
Esm't
15'
℄ Exist Draw
℄ W. R.
20' Esm't
5'
15'
S℄ 48" (RCP) 10+00
7
8
℄ Sanitary Sewer
5'
20'
30'
5' to ℄
Gas Service Co. Esm't
℄ R
10+00
15
5'
20'
5'
30'
5' to ℄
20' Esm't
12
13
14
15
8" Sanitary Sewer
10'±
S. ℄
Gas Service Co. Esm't
S.W. Corner (Lankin Property)
S.W. Corner Lankin Addition
35'
CYPRESS DRIVE
E. ℄
S.E. Corner Lankin Addition
℄ 2" High Pressure Gas Line
℄ Draw
150
155.72 Inlet
152.62 Inlet
152.61 Inlet
E 149.32
15" R.C.P.
12" Steel Pipe
E 147.30
12" Steel Pipe
E 146.10
F.E. 145.80
145
150
I.P.
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
Out 133.88
+2.00%
In 134.35
Out 134.25
℄ 48" R.C.S.P.
+1.16%
Top San. Sewer El. 138.50
Bot. 48" R.C.P. El. 139.34
In 139.93
Out 139.88
℄ +0.60% ℄ 48" R.C.S.P.
℄ 143.35
El. 152.54
El. 151.80
Bott. 12" Gas Line (Lowered to below 48" Storm Sewer)
El. 149.77
149.86 In
+0.6%
130
135
140
145
150
155
160
134.65
135.53
136.41
137.29
138.17
139.05
139.80 +97
139.93 +98
140.21
140.51
140.81
141.11
141.41
141.71
142.01
142.31
142.61
142.91
143.21
143.49 +57
143.59 +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.

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.~~

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.

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 [illegible] the CONTRACTOR [illegible] reimburse the City of Wichita [illegible] cost of ~~Engineering, Plans, and Inspection.~~

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

REV.	BY	DATE	DESCRIPTION
C	J.G.	[illegible]	Revised as Built
B	J.G.	6-[illegible]	R.C.S.P. for [illegible] Inlet & Drainage
A	J.G.	5-69	60" RCP to 48" Add. Inlet

231-A-108

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

As built Plan