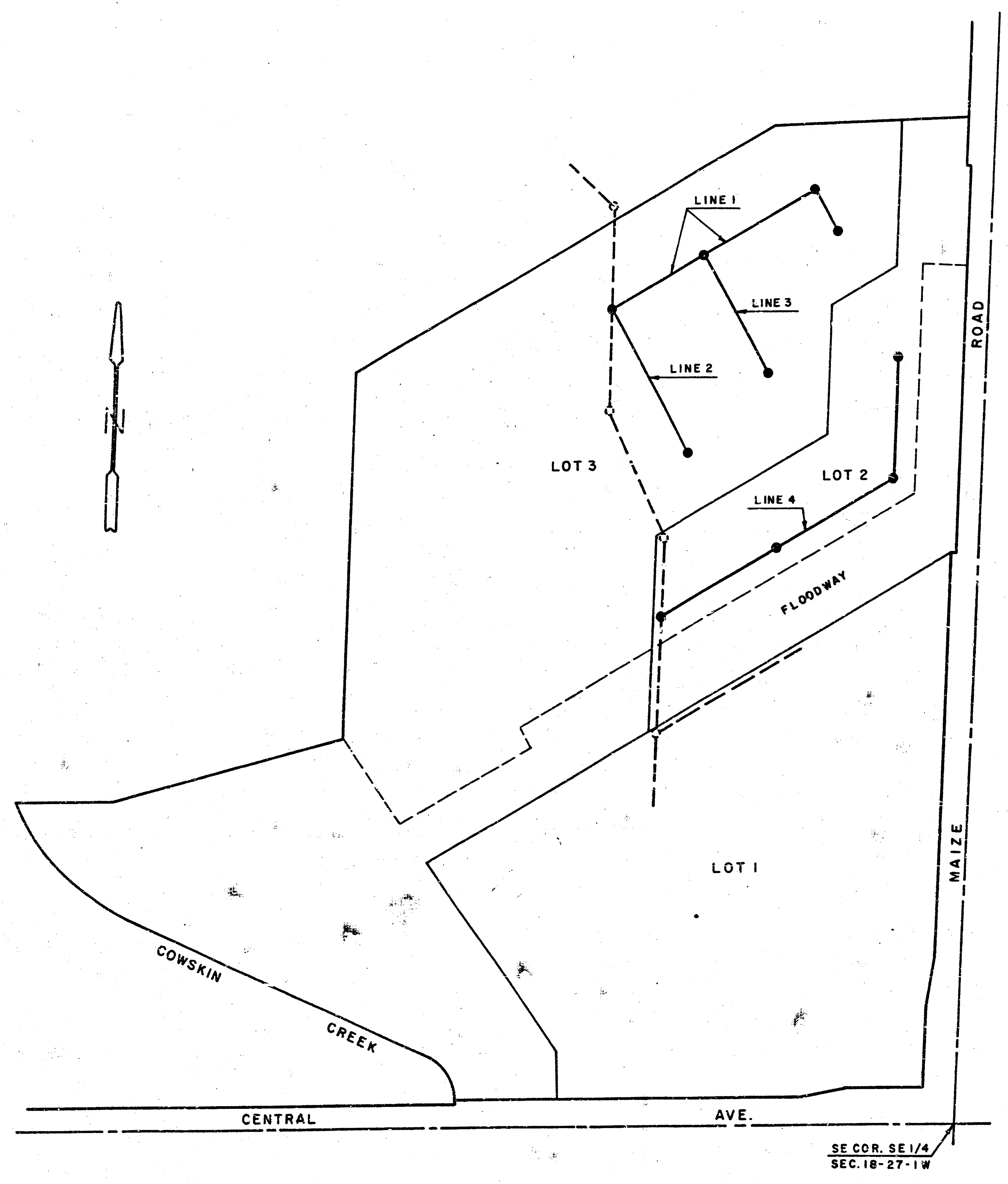
PHASE I SITE DEVELOPMENT PLANS

LOTS 2 & 3, TIMBER GROVE LAKES ADDITION

WICHITA, KANSAS


N
LINE 1
LINE 3
LINE 2
LOT 3
LOT 2
LINE 4
FLOODWAY
ROAD
MAIZE
LOT 1
COWSKIN
CREEK
CENTRAL
AVE.
SE COR. SE 1/4
SEC. 18-27-1W

LOCATION MAP

INDEX TO DRAWINGS

SH. TITLE
1 TITLE SHEET
2 STREETS & STORM SEWERS
3 PAVING DETAILS
4-5 STREET PROFILES
6 WATER LINE SYSTEM
7 SANITARY SEWER SYSTEM
8-8A SANITARY & STORM SEWER PROFILES
9 MISC. DRAINAGE DETAILS
10 STD. CURB INLET-TYPE I
11 STD. DROP INLET

SANITARY SEWER PROJECT NO.
468-76-245-80000-000-000-008

7-12-84

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA
Sanitary Sewers P.E.F.
Storm Sewers
Driveway Approaches

Line 4 Approved EOB 9/27/84

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 prepay the City of Wichita for all costs of Inspection.

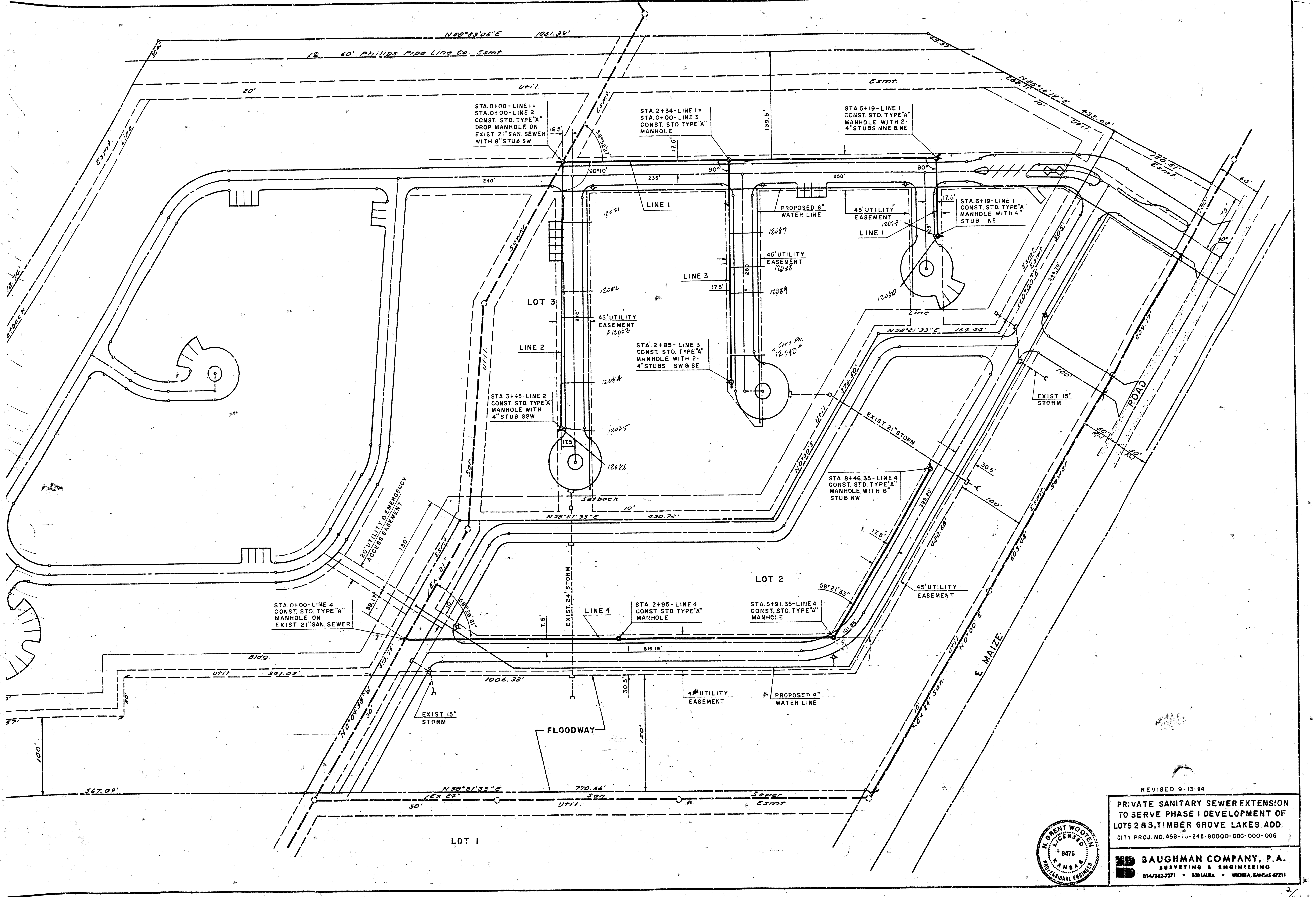
M. BRENT WOOTEN 3470

1/4

JUNE 1984

REVISED 9-13-84, ADDED LINE 4

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7[illegible]1 • 330 LAURA • WICHITA, KANSAS 67211


N58°23'06"E 1061.39'
50.81'
℄ 60' Philips Pipe Line Co. Esmt.
20'
Util.
Esmt.
45.37'
N85°16'19"E 433.68'
282.11'
10'
Util.
150.31'
Esmt.
139.5'
Esmt. Line
Setback
16.5'
58°52'27"
Esmt.
17.5'
90°10'
90°
90°
240'
235'
250'
LINE 1
PROPOSED 8" WATER LINE
45'UTILITY EASEMENT
12077
LINE 1
17.5'
25'
12081
12087
45'UTILITY EASEMENT
12088
28'
LINE 3
17.5'
12089
12080
Line
N58°21'33"E 164.44'
Esmt.
Esmt.
N0°00'E
305'
244.79'
60'
73'
100'
90°
209.17'
Sewer
LOT 3
12082
370'
45'UTILITY EASEMENT
# 12083
LINE 2
Util.
# Cond. Per. 12090 #
12084
12085
17.5'
12086
Setback
10'
N58°21'33"E 430.72'
Util.
276.50'
N0°00'E
EXIST. 21" STORM
EXIST. 15" STORM
ROAD
50' R/W
50' R/W
30.5'
100'
399.20'
482.68'
603.42'
Esmt. Sewer
17.5'
San.
20' UTILITY & EMERGENCY ACCESS EASEMENT
130'
Esmt.
Ex. 21"
39.17'
10
58°26'31"
LOT 2
58°21'33"
17.5'
EXIST. 24" STORM
LINE 4
101.86'
519.19'
45'UTILITY EASEMENT
Bldg.
Util. 341.09'
1006.32'
410.75'
N0°04'58"W
30'
30'
30.5'
4" UTILITY EASEMENT
PROPOSED 8" WATER LINE
EXIST. 15" STORM
FLOODWAY
150'
100'
Util.
℄ MAIZE
N0°00'E
Ex 24" San.
10
567.09'
N58°21'33"E 770.66'
Ex 24" San. Sewer Esmt.
30' Util.
LOT 1
57'
30'
Setback

STA. 0+00 - LINE 1 =
STA. 0+00 - LINE 2
CONST. STD. TYPE "A"
DROP MANHOLE ON
EXIST. 21" SAN. SEWER
WITH 8" STUB SW

STA. 2+34 - LINE 1 =
STA. 0+00 - LINE 3
CONST. STD. TYPE "A"
MANHOLE

STA. 5+19 - LINE 1
CONST. STD. TYPE "A"
MANHOLE WITH 2-
4" STUBS NNE & NE

STA. 6+19 - LINE 1
CONST. STD. TYPE "A"
MANHOLE WITH 4"
STUB NE

STA. 2+85 - LINE 3
CONST. STD. TYPE "A"
MANHOLE WITH 2-
4" STUBS SW & SE

STA. 3+45 - LINE 2
CONST. STD. TYPE "A"
MANHOLE WITH
4" STUB SSW

STA. 8+46.35 - LINE 4
CONST. STD. TYPE "A"
MANHOLE WITH 6"
STUB NW

STA. 0+00 - LINE 4
CONST. STD. TYPE "A"
MANHOLE ON
EXIST. 21" SAN. SEWER

STA. 2+95 - LINE 4
CONST. STD. TYPE "A"
MANHOLE

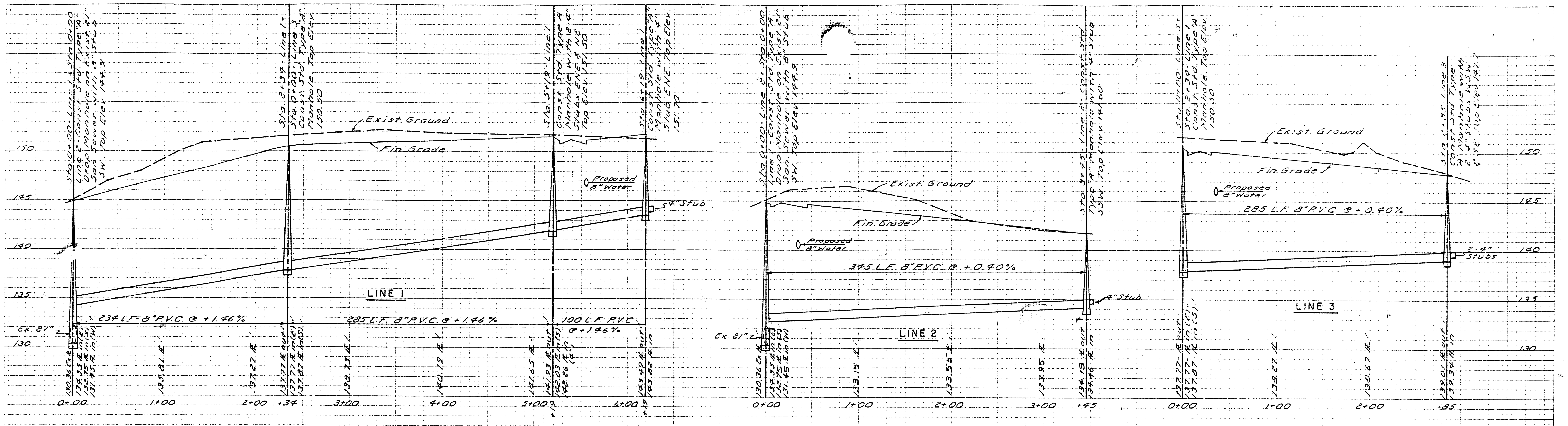
STA. 5+91.35 - LINE 4
CONST. STD. TYPE "A"
MANHOLE

REVISED 9-13-84

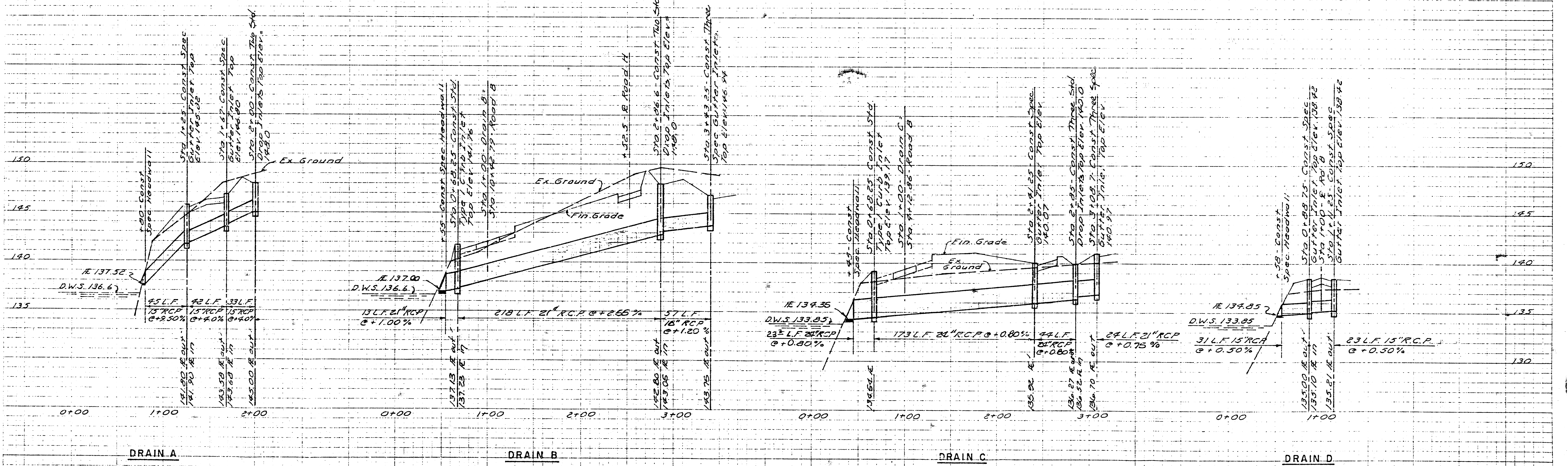
PRIVATE SANITARY SEWER EXTENSION
TO SERVE PHASE I DEVELOPMENT OF
LOTS 2 & 3, TIMBER GROVE LAKES ADD.
CITY PROJ. NO. 468-7?-245-80000-000-000-008

N. BRENT WOOTEN
LICENSED
8470
KANSAS
PROFESSIONAL ENGINEER

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211


Sta. 0+00 - Line 1 = Sta. 0+00 Line 2 - Const. Std. Type "A" Drop Manhole on Exist. 21" San. Sewer with 8" Stub SW. Top Elev. 144.9
Sta. 2+34 - Line 1 = Sta. 0+00 - Line 3 Const. Std. Type "A" Manhole Top Elev. 150.50
Sta. 5+19 - Line 1 Const. Std. Type A Manhole with 2-4" Stubs ENE & NE Top Elev. 151.50
Sta. 6+19 - Line 1 Const. Std. Type "A" Manhole with 4" Stub ENE. Top Elev. 151.70
Exist. Ground
Fin. Grade
Proposed 8" Water
4" Stub
LINE 1
Ex. 21"
234 L.F. 8" P.V.C. @ +1.46%
285 L.F. 8" P.V.C. @ +1.46%
100 L.F. P.V.C. @ +1.46%
130.36 Ex. FL
134.35 FL in (E)
132.75 FL in (S)
131.45 FL in (W)
135.81 FL
137.27 FL
137.77 FL out
137.77 FL in (E)
137.87 FL in (S)
138.73 FL
140.19 FL
141.65 FL
141.93 FL out
142.03 FL in (S)
142.26 FL in (4")
143.49 FL out
143.82 FL in
0+00
1+00
2+00
+34
3+00
4+00
5+00
+19
6+00
+19
Sta. 0+00 - Line 2 = Sta. 0+00 Line 1 - Const. Std. Type "A" Drop Manhole on Exist. 21" San. Sewer with 8" Stub SW Top Elev. 144.9
Sta. 3+45 Line 2 - Const. Std. Type "A" Manhole with 4" Stub SSW Top Elev. 141.60
Exist. Ground
Fin. Grade
Proposed 8" Water
345 L.F. 8" P.V.C. @ +0.40%
4" Stub
LINE 2
Ex. 21"
130.36 Ex. FL
134.35 FL in (E)
132.75 FL in (S)
131.45 FL in (W)
133.15 FL
133.55 FL
133.95 FL
134.13 FL out
134.46 FL in
0+00
1+00
2+00
3+00
+45
Sta. 0+00 - Line 3 = Sta. 2+34 Line 1 Const. Std. Type "A" Manhole Top Elev. 150.50
Sta. 2+85 Line 3 Const. Std. Type "A" Manhole with 2-4" Stubs WSW & SE Top Elev. 147
Exist. Ground
Fin. Grade
Proposed 8" Water
285 L.F. 8" P.V.C. @ +0.40%
2-4" Stubs
LINE 3
137.77 FL out
137.77 FL in (E)
137.87 FL in (S)
138.27 FL
138.67 FL
139.01 FL out
139.34 FL in
0+00
1+00
2+00
+85
150
145
140
135
130

SANITARY SEWER PROFILES

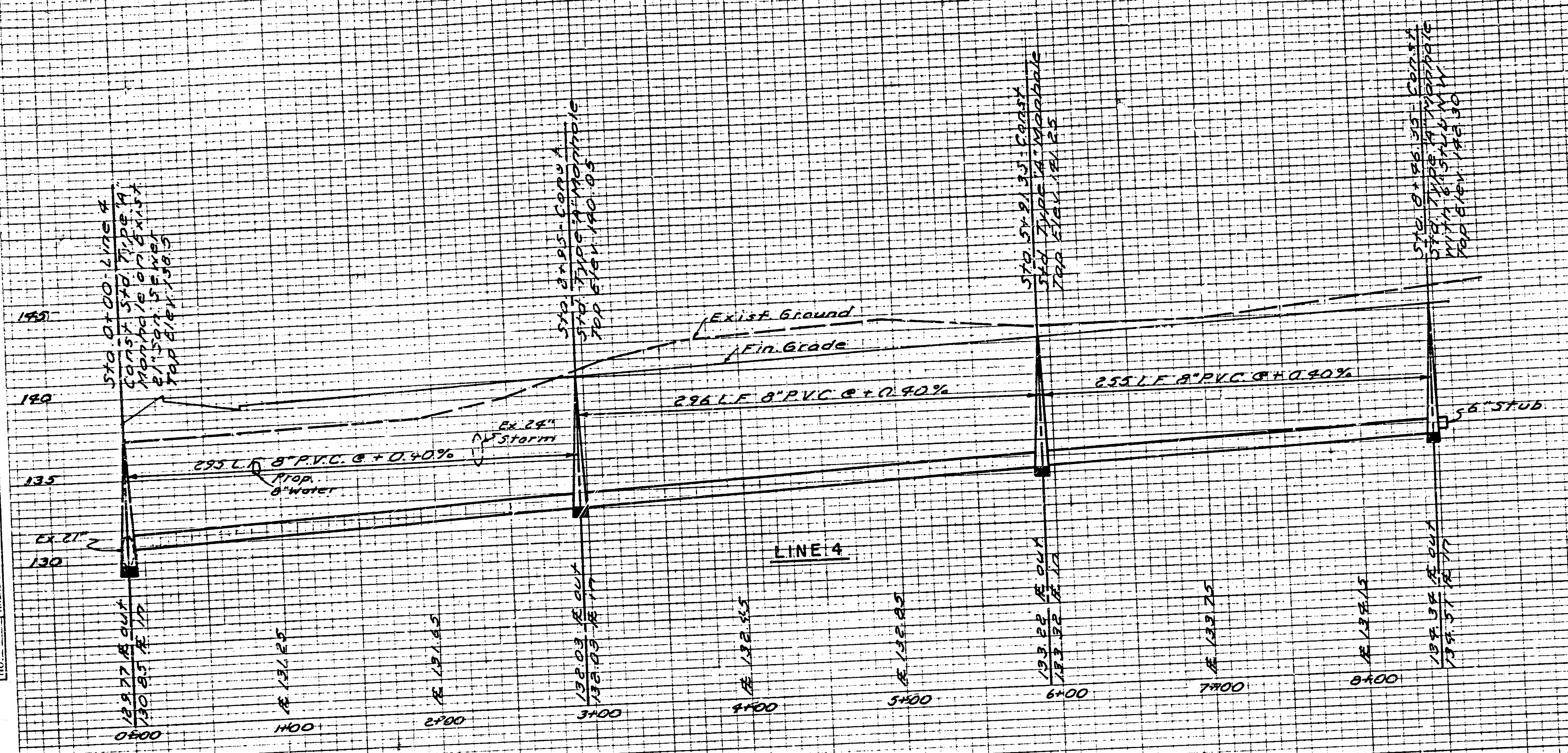

+80 - Const. Spec. Headwall
Sta. 1+25 - Const. Spec. Gutter Inlet. Top Elev. 145.32
Sta. 1+67 - Const. Spec. Gutter Inlet Top Elev. 146.90
Sta. 2+00 - Const. Two Std. Drop Inlets Top Elev. = 149.0
Ex. Ground
FL 137.52
D.W.S. 136.6
45 L.F. 15" RCP @ +9.50%
42 L.F. 15" RCP @ +4.0%
33 L.F. 15" RCP @ +4.0%
141.80 FL out
141.90 FL in
143.58 FL out
143.68 FL in
145.00 FL out
0+00
1+00
2+00
DRAIN A
+55 - Const. Spec. Headwall
Sta. 0+68.25 - Const. Std. Type 1 C Curb Inlet Top Elev. 141.76
Sta. 1+00 - Drain B = Sta. 10+42.79 - Road B
+52.5 - ℄ Road H
Sta. 2+86.6 - Const. Two Std. Drop Inlets Top Elev. = 148.0
Sta. 3+43.25 - Const. Three Spec. Gutter Inlets Top Elev. 146.94
Ex. Ground
Fin. Grade
FL 137.00
D.W.S. 136.6
13 L.F. 21" RCP @ +1.00%
218 L.F. 21" R.C.P. @ +2.55%
57 L.F. 18" RCP @ +1.20%
137.13 FL out
137.23 FL in
142.80 FL out
143.05 FL in
143.75 FL out
0+00
1+00
2+00
3+00
DRAIN B
+45 - Const. Spec. Headwall
Sta. 0+68.25 - Const. Std. Type 1 Curb Inlet Top Elev. 139.17
Sta. 1+00 - Drain C = Sta. 9+12.86 - Road B
Sta. 2+41.25 - Const. Spec. Gutter Inlet Top Elev. 140.07
Sta. 2+85 - Const. Three Std. Drop Inlets Top Elev. 140.0
Sta. 3+08.7 - Const. Three Spec. Gutter Inlet Top Elev. 140.97
Fin. Grade
Ex. Ground
FL 134.35
D.W.S. 133.85
23± L.F. 24" RCP @ +0.80%
173 L.F. 24" R.C.P. @ +0.80%
44 L.F. 24" RCP @ +0.80%
24 L.F. 21" RCP @ +0.75%
134.54 FL
135.92 FL
136.27 FL out
136.52 FL in
136.70 FL out
0+00
1+00
2+00
3+00
DRAIN C
+58 - Const. Spec. Headwall
Sta. 0+88.75 - Const. Spec. Gutter Inlet Top Elev. 138.42
Sta. 1+00 - ℄ Rd. B
Sta. 1+11.25 - Const. Spec. Gutter Inlet Top Elev. 138.42
FL 134.85
D.W.S. 133.85
31 L.F. 15" RCP @ +0.50%
23 L.F. 15" R.C.P. @ +0.50%
135.00 FL out
135.10 FL in
135.21 FL out
0+00
1+00
DRAIN D
150
145
140
135
130

PRIVATE SANITARY SEWER & STORM
SEWER TO SERVE PHASE I DEVELOPMENT
TIMBER GROVE LAKES ADDITION
CITY PROJ NO. 468-76-245-80000-000-000-008

STORM SEWER PROFILES

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL


Sta. 0+00 - Line 4
Const. Std. Type 'A' Manhole on Exist. 21" San. Sewer
Top Elev. 138.5
Sta. 3+95 - Const. Std. Type 'A' Manhole
Top Elev. 140.05
Sta. 5+91.35 - Const. Std. Type 'A' Manhole
Top Elev. 141.25
Sta. 8+46.75 - Const. Std. Type 'A' Manhole With 6" Stub N.
Top Elev. 142.30
Exist. Ground
Fin. Grade
295 L.F. 8" P.V.C. @ + 0.40%
296 L.F. 8" P.V.C. @ + 0.40%
255 L.F. 8" P.V.C. @ + 0.40%
Ex. 24" Storm
Prop. 8" Water
Ex. 21"
6" Stub
LINE 4
145
140
135
130
129.77 ℄ out
130.85 ℄ in
℄ 131.25
℄ 131.65
132.03 ℄ out
132.03 ℄ in
℄ 132.45
℄ 132.85
133.22 ℄ out
133.32 ℄ in
℄ 133.75
℄ 134.15
134.37 ℄ out
134.51 ℄ in
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00

FINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK
NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

PRIVATE SANITARY SEWER EXTENSION
TO SERVE PHASE I DEVELOPMENT OF
LOT 2, TIMBER GROVE LAKES ADD.
CITY PROJ. NO. 468-76-245-80000-000-000-008

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