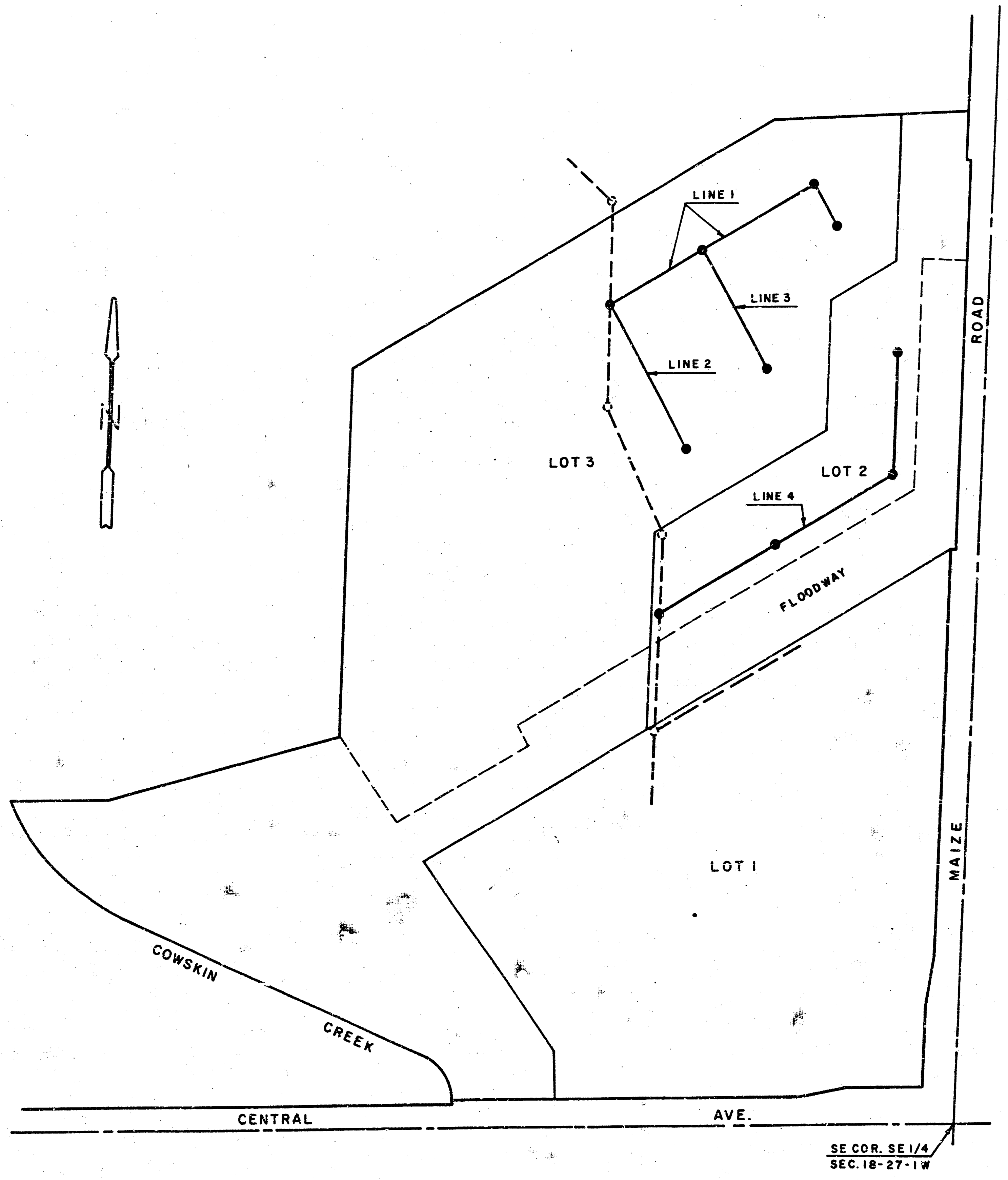
PHASE I SITE DEVELOPMENT PLANS

LOTS 2 & 3, TIMBER GROVE LAKES ADDITION

WICHITA, KANSAS


LINE 1
LINE 3
LINE 2
LINE 4
LOT 3
LOT 2
LOT 1
FLOODWAY
ROAD
MAIZE
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
Storm Sewers
Driveway Approaches

Line 4 Approved CDB 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] • 330 LAURA • WICHITA, KANSAS 67211

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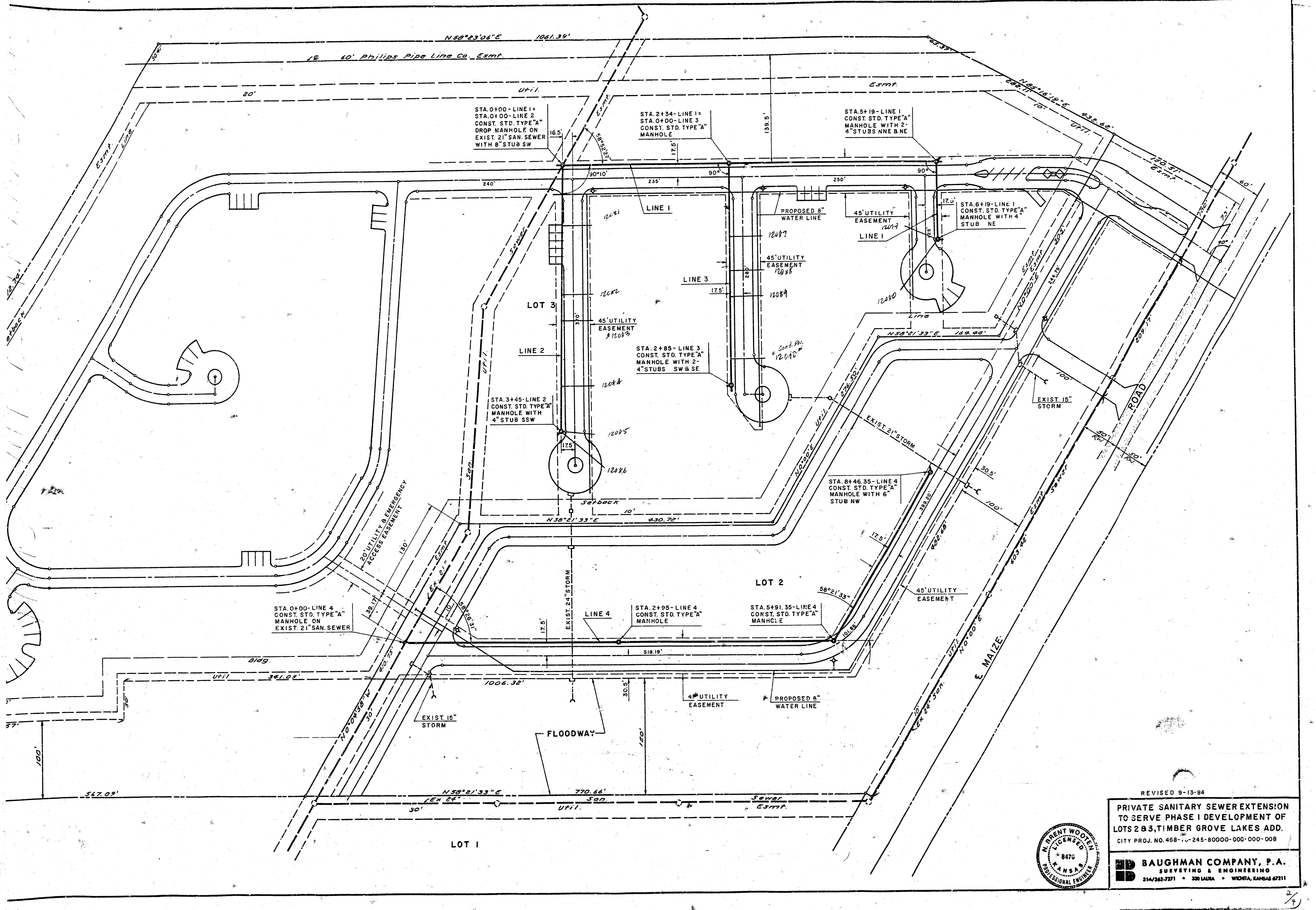
N58°23'06"E 1061.39'
50.41'
℄ 60' Philips Pipe Line Co. Esmt.
45.37'
20'
Util.
Esmt.
N85°16'19"E 433.62'
288.11'
10'
Util.
Esmt. Line
STA. 0+00 - LINE 1 = STA. 0+00 - LINE 2 CONST. STD. TYPE "A" DROP MANHOLE ON EXIST. 21" SAN. SEWER WITH 8" STUB SW
16.5'
58°52'27"
Esmt.
STA. 2+34 - LINE 1 = STA. 0+00 - LINE 3 CONST. STD. TYPE "A" MANHOLE
17.5'
139.5'
STA. 5+19 - LINE 1 CONST. STD. TYPE "A" MANHOLE WITH 2 - 4" STUBS NNE & NE
90°10'
240'
235'
90°
250'
90°
130.51'
Esmt.
60'
73'
LINE 1
PROPOSED 8" WATER LINE
45' UTILITY EASEMENT
12079
LINE 1
17.5'
STA. 6+19 - LINE 1 CONST. STD. TYPE "A" MANHOLE WITH 4" STUB NE
25'
90°
12081
12087
45' UTILITY EASEMENT
12088
LINE 3
17.5'
280'
12089
12080
Line
Esmt.
Esmt.
N00°00'E
305'
244.79'
209.17'
Sewer
LOT 3
370'
45' UTILITY EASEMENT
#12083
12082
LINE 2
Util.
12084
STA. 2+85 - LINE 3 CONST. STD. TYPE "A" MANHOLE WITH 2 - 4" STUBS SW & SE
Cond. Per. #12090
N58°21'33"E 164.44'
276.50'
Util.
N00°00'E
EXIST. 15" STORM
100'
ROAD
50'
50'
EXIST. 21" STORM
STA. 3+45 - LINE 2 CONST. STD. TYPE "A" MANHOLE WITH 4" STUB SSW
17.5'
12085
12086
San.
Setback
10'
N58°21'33"E 430.72'
STA. 8+46.35 - LINE 4 CONST. STD. TYPE "A" MANHOLE WITH 6" STUB NW
30.5'
399.20'
100'
Esmt.
Sewer
20' UTILITY & EMERGENCY ACCESS EASEMENT
130'
Esmt.
Ex. 21"
17.5'
432.68'
603.42'
LOT 2
58°21'33"
45' UTILITY EASEMENT
39.17'
10'
58°26'31"
STA. 0+00 - LINE 4 CONST. STD. TYPE "A" MANHOLE ON EXIST. 21" SAN. SEWER
17.5'
EXIST. 24" STORM
LINE 4
STA. 2+95 - LINE 4 CONST. STD. TYPE "A" MANHOLE
STA. 5+91.35 - LINE 4 CONST. STD. TYPE "A" MANHOLE
101.86'
519.19'
Bldg.
410.75'
Util. 341.09'
1006.32'
30.5'
4' UTILITY EASEMENT
PROPOSED 8" WATER LINE
Util.
N00°00'E
℄ MAIZE
N00°04'58"W
30'
EXIST. 15" STORM
FLOODWAY
150'
100'
10'
Ex. 24" San.
567.09'
N58°21'33"E 770.66'
Ex. 24" San. Sewer
30'
Util. Esmt.
LOT 1
setback
12.73'

REVISED 9-13-84

PRIVATE SANITARY SEWER EXTENSION TO SERVE PHASE I DEVELOPMENT OF LOTS 2 & 3, TIMBER GROVE LAKES ADD.

CITY PROJ. NO. 468-70-245-80000-000-000-008

N. BRENT WOOTEN LICENSED 8476 KANSAS PROFESSIONAL ENGINEER

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
314/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

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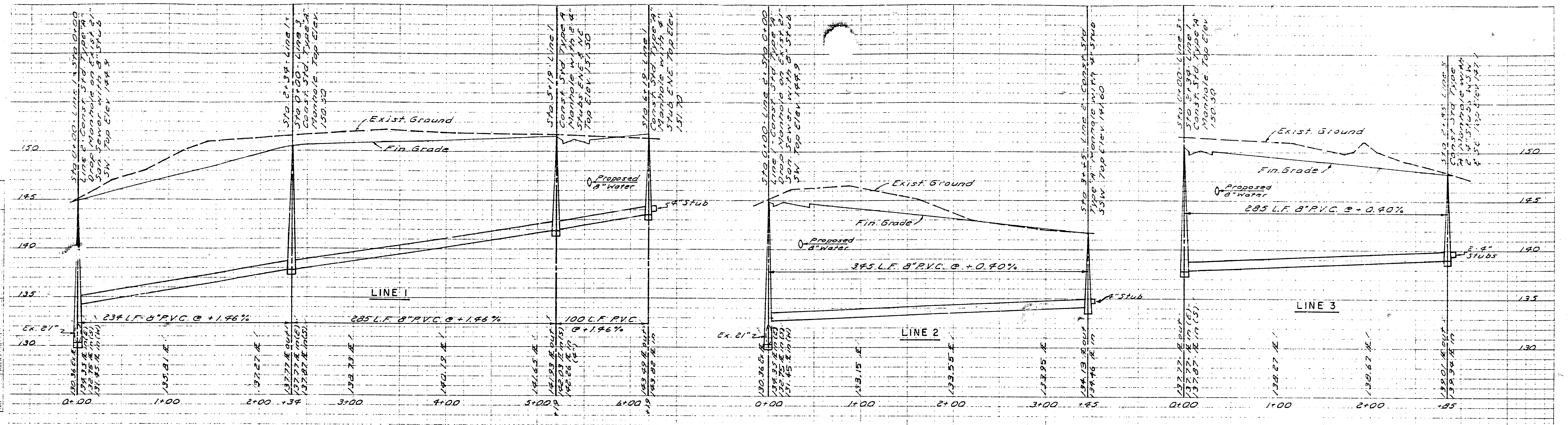
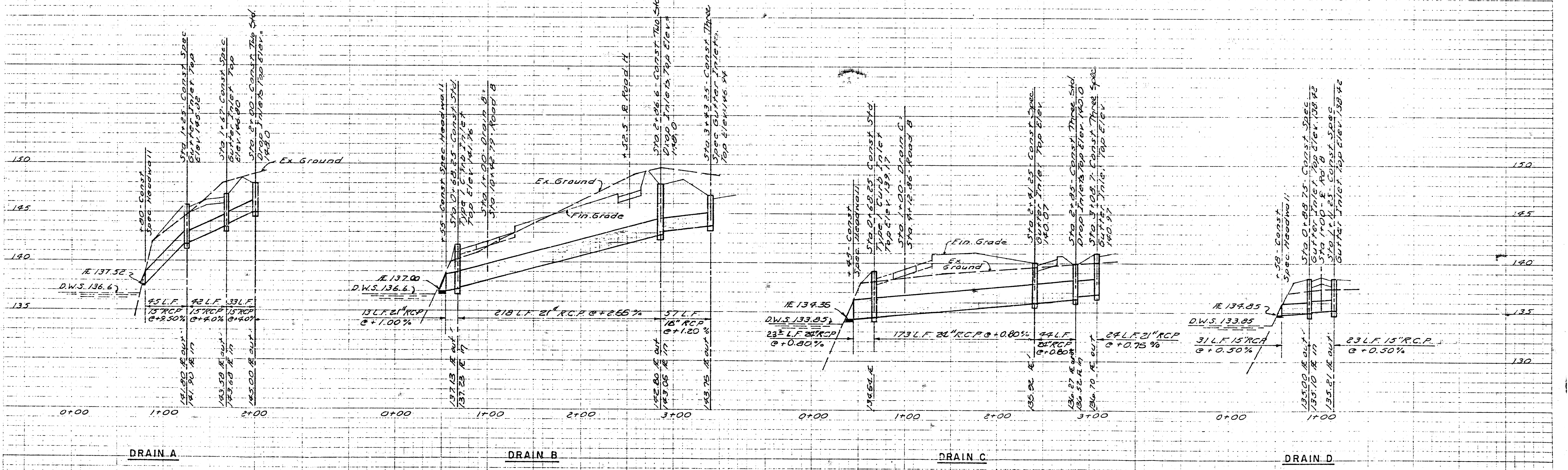

Sta 0+00 · Line 1 = Sta 0+00 Line 2 · Const. Std. Type "A" Drop Manhole on Exist. 21" San. Sewer with 8" Stub SW. Top Elev 149.9
Sta 2+34 · Line 1 = Sta 0+00 · Line 3 Const. Std. Type "A" Manhole Top Elev. 150.50
Sta 5+19 · Line 1 Const. Std. Type A Manhole with 4" Stubs ENE & NE Top Elev. 151.50
Sta 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
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%
Ex. 21"
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
150
145
140
135
130
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 149.9
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


+90 - Const. Spec. Headwall
Sta 1+25 · Const. Spec. Gutter Inlet Top Elev. 145.32
Sta 1+67 · Const. Spec. Gutter Inlet Top Elev. 146.80
Sta 2+00 · Const. Two Std. Drop Inlets Top Elev. = 148.0
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 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. @ +2.66%
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

STORM SEWER PROFILES

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

BAUGHMAN COMPANY, P.A.
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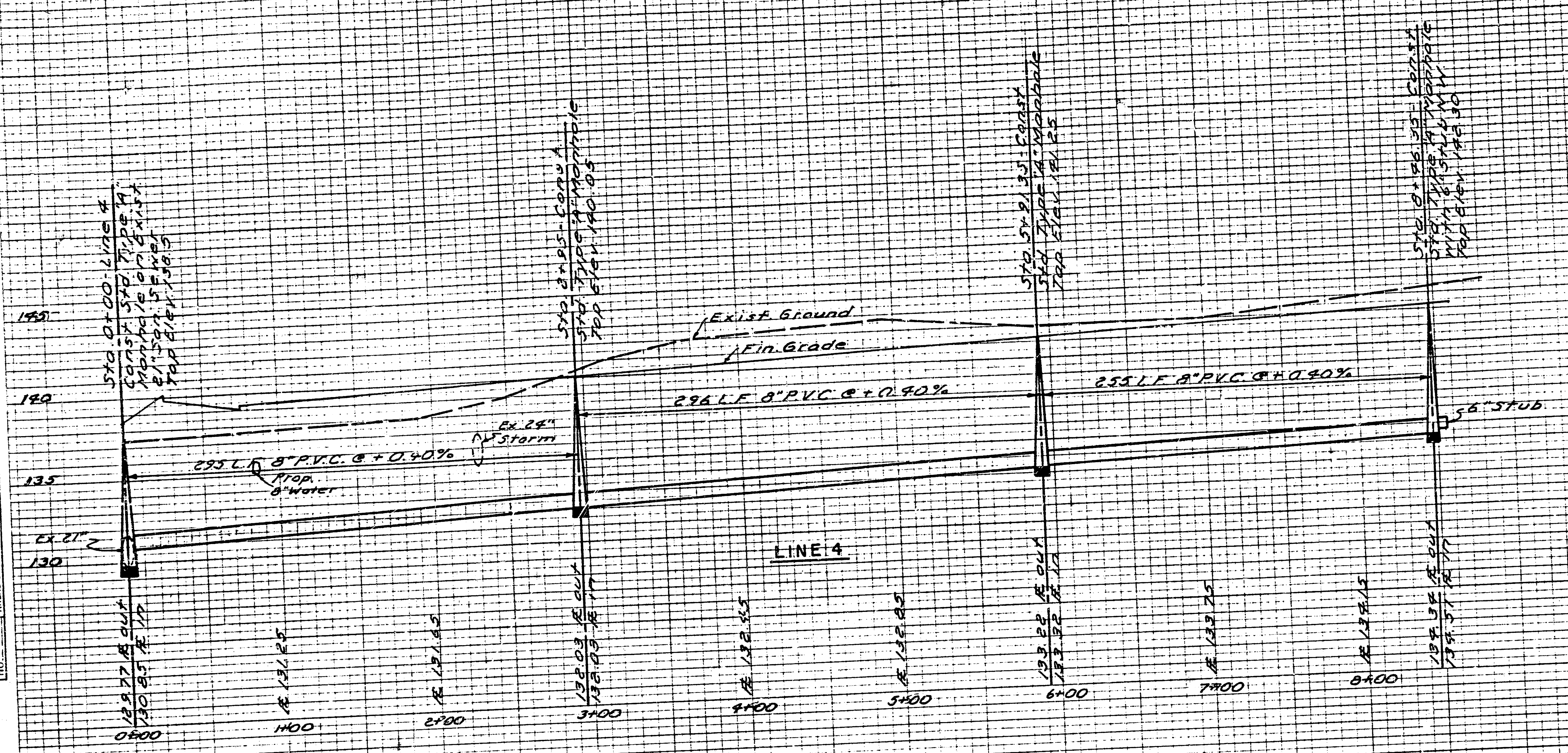
Sta. 0+00-Line 4
Const. Std. Type "A" Manhole on Exist. 21" San. Sewer
Top Elev. 138.5
Sta. 2+95-Const. Std. Type "A" Manhole
Top Elev. 140.05
Sta. 5+91.35-Const. Std. Type "A" Manhole
Top Elev. 142.25
Sta. 8+46.35-Const. Std. Type "A" Manhole With 6" Stub N.
Top Elev. 142.30
145
140
135
130
Exist. Ground
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
129.77 FL out
130.85 FL in
FL 131.25
FL 131.65
132.03 FL out
132.03 FL in
FL 132.45
FL 132.85
133.22 FL out
133.32 FL in
FL 133.75
FL 134.15
134.34 FL out
134.51 FL in
0+00
1+00
2+00
3+00
4+00
5+00
6+00
7+00
8+00

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

ORIGINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED
NOTE BOOK
NO.
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

BAUGHMAN COMPANY, P.A.
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