LATERAL 19, MAIN 7, S.S. NO. 23

PROJECT NO.

468-76-245-80797-000-000-001

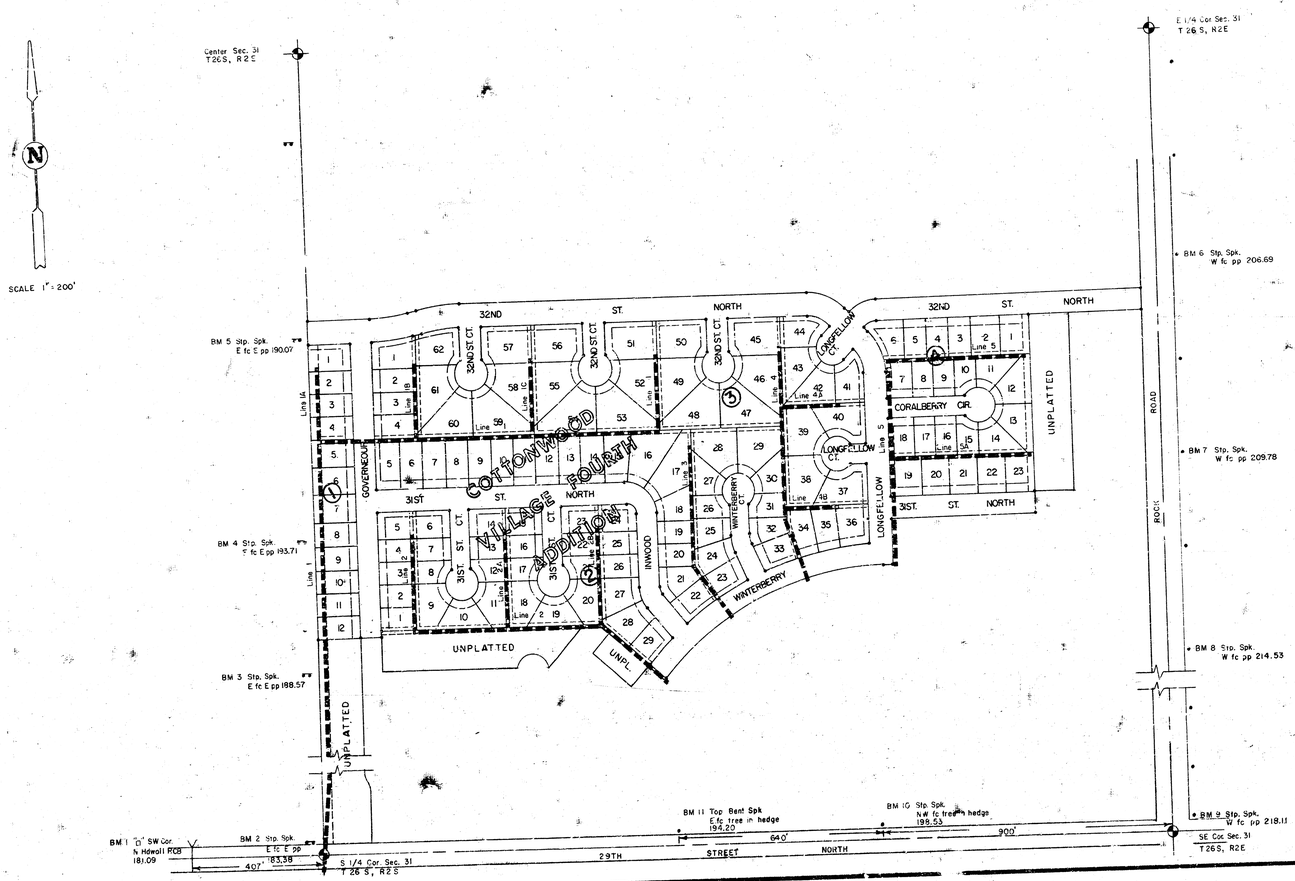
CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

NOTE: FIELD ENGINEER SHALL SET TOPS OF MANHOLES TO MATCH PROPOSED FINISHED GRADE AS DETERMINED BY THE DEVELOPER. RISERS AND ADDITIONAL STUBS SHALL BE INSTALLED ON THIS PROJECT TO SERVE INDIVIDUAL LOTS WHEN ORDERED BY THE FIELD ENGINEER. RISER CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SHOWN ON STANDARD RISER DETAIL SHEET. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN PLASTIC COLORED TAPE TO THE END OF THE RISER AND BROUGHT TO THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED. ALL RISERS SHALL BE CONSTRUCTED USING S.D.R. 23.5 A.B.S. OR P.V.C. PIPE. ELEVATIONS OF STUBS AND TOPS OF RISERS SHALL BE SUCH THAT WILL FACILITATE CONNECTION OF BASEMENT DRAINS WHEN THESE LOTS ARE DEVELOPED.

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1, LINE 1A, LINE 1B
3	LINE 1, LINE 1C
4	LINE 2, LINE 2A, LINE 2B
5	LINE 3, LINE 4, LINE 4A, LINE 4B
6	LINE 5, LINE 5A
7	VERTICAL RISER DETAIL



Van Doren · Hazard - Stallings

Architects · Engineers · Planners

Topeka Wichita Minneapolis

Sheet 1 of 6

General Note: Contractor may use either VCP, ABS or PVC pipe.

S ¼ Cor. Sec. 31
T 26 S R 2E

Scale: 1"= 50' Horz.
1"= 5' Vert.

NORTH ST.

Existing R/W

10' W

60' W

29TH ST.

See Line 2

Existing R/W

2 W.B.

Osage Orange Hedge With 2-W.B. Fence in Hedge

Sta. 0+00.0-Line I Connect To Exist. M.H.

Remove 250 L.F. Hedge, Maximum

Sta. 3+26.0-Line I Const. Std. Type "A" Or "C" M.H.

Trim Hedge as Read

30' Util. Esmt.

Sta. 6+51.0-Line I Const. Std. Type "A" Or "C" M.H.

Sta. 9+76.0-Line I Const. Std. Type "A" Or "C" M.H.

Sta. 12+69.0-Line I Const. Std. Type "B" Or "C" M.H.

25'

5'

67.00' 67.00' 67.00' 70.00' 70.00' 70.00'

12 11 10 9 8 7

Line I

1

Trim Hedge as Read

14'

GOVERNEOUR

Top MH Elev-184.0

IDENTICAL ELEVATIONS

Top MH Elev-190.0

Top MH Elev-189.5

Top MH Elev-194.3

386 L.F. 8" Pipe @ 0.4%

325 L.F. 8" Pipe @ 0.4%

328 L.F. 8" Pipe @ 0.4%

690 L.F. 8" Pipe @ 0.4%

185 180 175 170

190 185 180 175

Rim Elev-179.29
Invert Elev-172.25

Rim Elev-179.00
Invert Elev-172.25

Rim Elev-178.84
Invert Elev-173.84

Rim Elev-178.30
Invert Elev-173.80

Rim Elev-178.18
Invert Elev-173.30

Rim Elev-178.69
Invert Elev-173.69

Rim Elev-178.58
Invert Elev-173.58

Rim Elev-178.98
Invert Elev-173.98

Rim Elev-178.18
Invert Elev-173.18

Rim Elev-178.49
Invert Elev-174.49

Rim Elev-178.98
Invert Elev-174.98

Rim Elev-179.65
Invert Elev-175.65

122.98 123.38 123.78 124.18 124.59 124.98 125.38 125.78 126.18 126.58 126.98 127.38

0 1 2 3 4 5 6 7 8 9 10 11 12

Scale: 1"= 50' Horz.
1"= 5' Vert.

Sta. 12+69.0-Line I Const. Std. Type "B" Or "C" M.H. Wild

Sta. 15+69.0-Line I
Sta. 0+00-Line IA
Const. Std. Type "B"
Or "C" M.H.

Sta. 21+80-Line IA Const. Std. Type "A" Or "C" M.H. Wild Stub N.E.

70.00' 70.00' 70.00' 90.00' 83.00' 74.00' 67.00' 67.00' 80.00'

Line I Line IA

30' Util. Esmt.

Trim Hedge as Read

16'

5'

25'

9 8 7 6 5 4 3 2 1

1

20' Util. Esmt.

194.28'

GOVERNEOUR

Top MH Elev-194.3

Top MH Elev-195.0

Top MH Elev-191.75

294 L.F. 8" Pipe @ 0.4%

218 L.F. 8" Pipe @ 0.4%

190 185 180 175

Rim Elev-179.25
Invert Elev-172.25

Rim Elev-178.63
Invert Elev-173.63

Rim Elev-178.63
Invert Elev-173.63

Rim Elev-178.70
Invert Elev-173.70

Rim Elev-178.23
Invert Elev-174.23

Rim Elev-178.23
Invert Elev-182.23

177.63 178.18 178.58 179.18 179.23 179.23

13 14 15 0 1 2

Sta. 0+00-Line 1B
Sta. 18+75.26-Line 1
Const. Std. Type "A"
Or "C" M.H.

Sta. 2+20-Line 1B Const. Std. Type "A" Or "C" M.H. Wild Stub NW & NE

NORTH

ST.

32ND

Scale: 1"= 50' Horz.
1"= 5' Vert.

80.00' 142.00' 102.65'

72.00' 67.00' 67.00' 93.65'

Line 1B 190.00'

20' Util. Esmt.

71.32' 71.00' 70.00'

5 4 3 2 1

6 7 8

61 62 60

3

Top MH Elev-193.6

Top MH Elev-188.6

220 L.F. 8" Pipe @ 0.4%

190 185 180

Rim Elev-178.18
Invert Elev-173.18

Rim Elev-178.18
Invert Elev-173.18

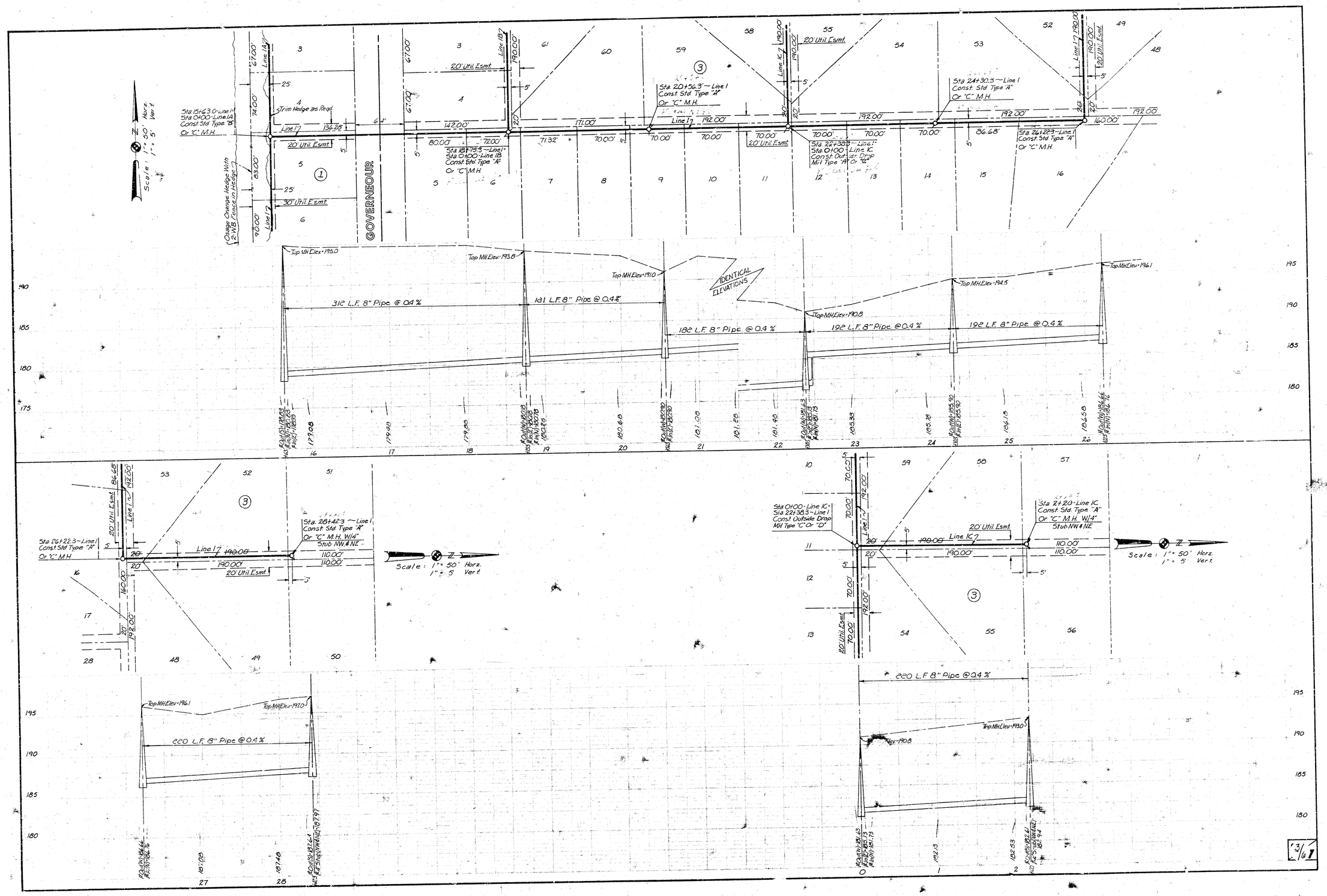
Rim Elev-178.59
Invert Elev-174.59

Rim Elev-178.99
Invert Elev-181.99

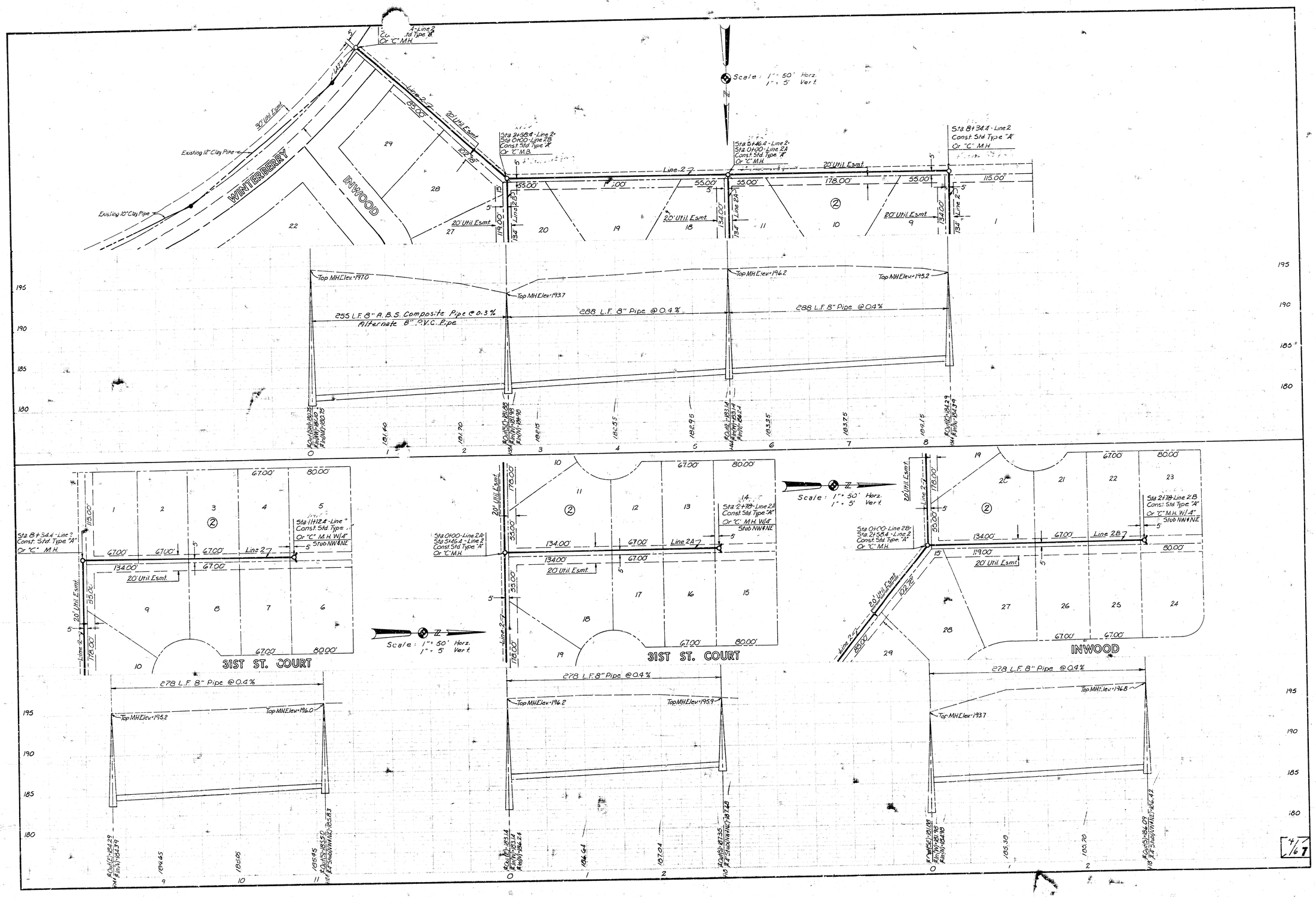
181.18 181.18 181.59

0 1 2

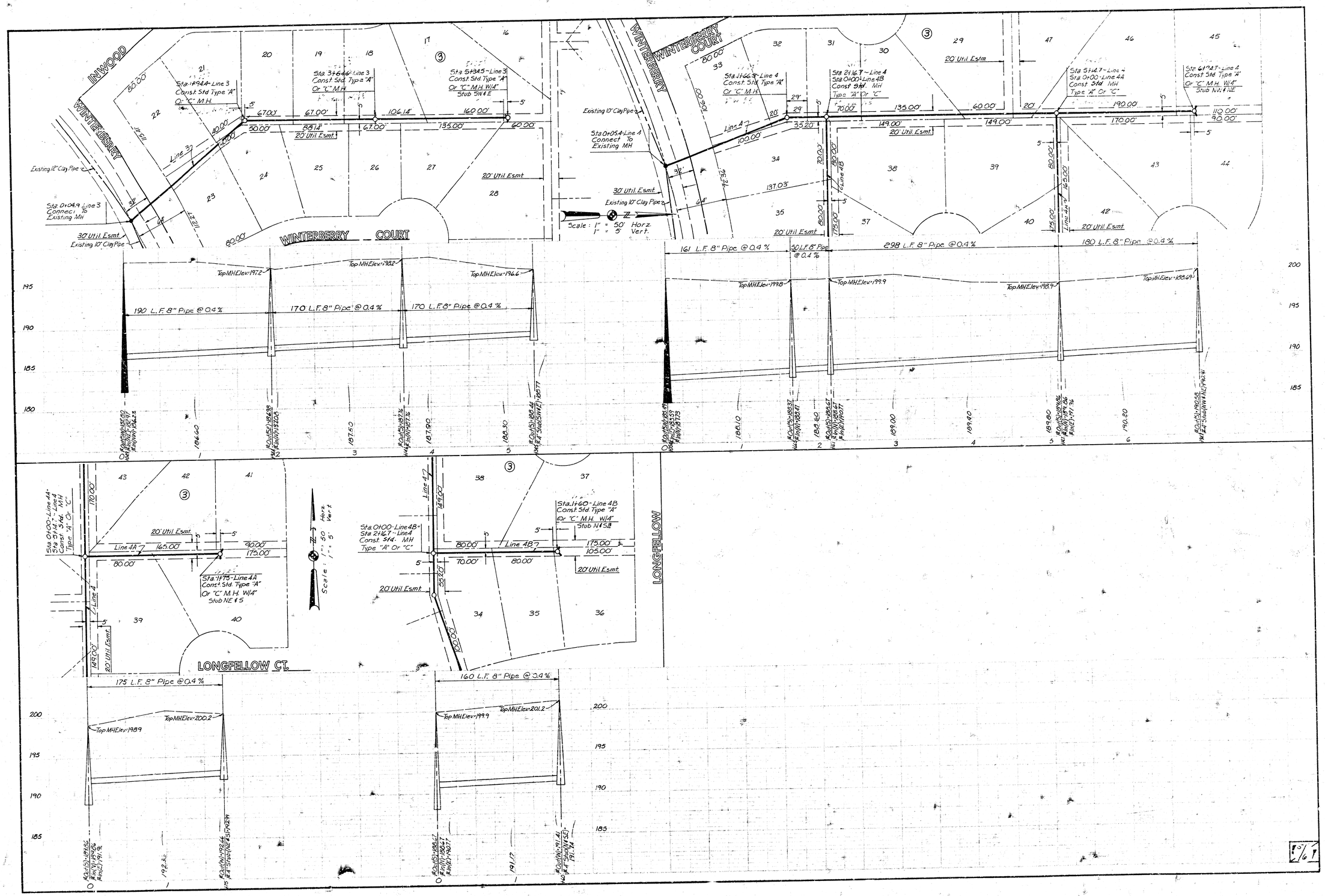
2/6



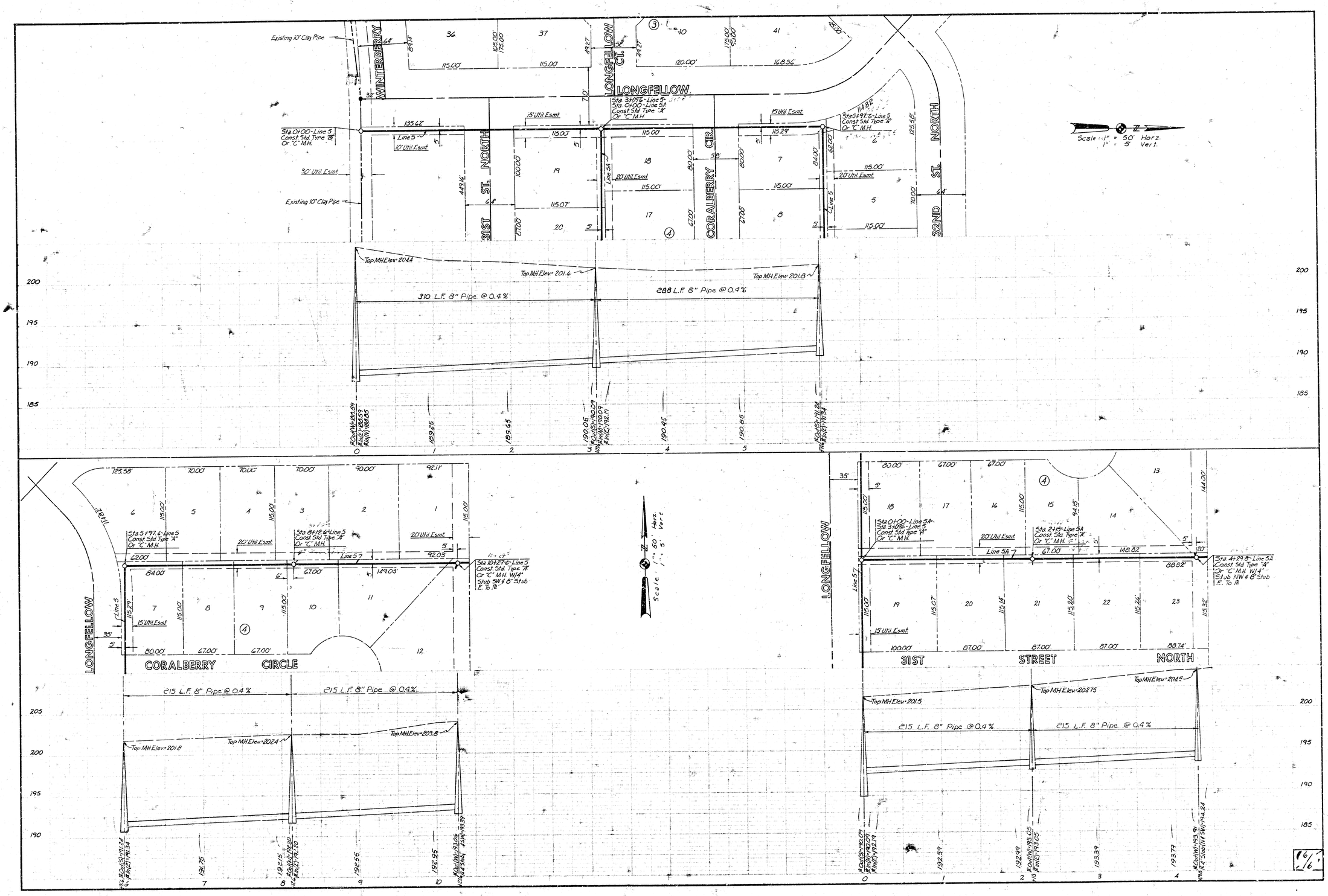
GOVERNEOUR
Scale: 1" = 50' Horz. 1" = 5' Vert.
Sta 15+63.0 - Line 1
Sta 0+00 - Line 1A
Const Std Type "B"
Or "C" M.H.
Trim Hedge as Reqd.
Osage Orange Hedge With 2-WB Fence in Hedge
20' Util. Esmt.
30' Util. Esmt.
Sta 18+75.3 - Line 1
Sta 0+00 - Line 1B
Const Std Type "A"
Or "C" M.H.
Sta 20+56.3 - Line 1
Const Std Type "A"
Or "C" M.H.
Sta 22+38.3 - Line 1
Sta 0+00 - Line 1C
Const Outside Drop
Mil Type "A" Or "C"
Sta 24+30.3 - Line 1
Const Std Type "A"
Or "C" M.H.
Sta 26+22.3 - Line 1
Const Std Type "A"
Or "C" M.H.
Sta 28+42.3 - Line 1
Const Std Type "A"
Or "C" M.H. W/4"
Stub NW & NE
Sta 0+00 - Line 1C
Sta 22+38.3 - Line 1
Const Outside Drop
MH Type "C" Or "D"
Sta 2+20 - Line 1C
Const Std Type "A"
Or "C" M.H. W/4"
Stub NW & NE
Top MH Elev. 195.0
Top MH Elev. 193.8
Top MH Elev. 191.0
Top MH Elev. 190.8
Top MH Elev. 194.5
Top MH Elev. 196.1
Top MH Elev. 197.0
Top MH Elev. 193.0
IDENTICAL ELEVATIONS
312 L.F. 8" Pipe @ 0.4%
181 L.F. 8" Pipe @ 0.4%
182 L.F. 8" Pipe @ 0.4%
192 L.F. 8" Pipe @ 0.4%
192 L.F. 8" Pipe @ 0.4%
220 L.F. 8" Pipe @ 0.4%
220 L.F. 8" Pipe @ 0.4%



WINTERBERRY
INWOOD
Existing 12" Clay Pipe
Existing 10" Clay Pipe
30' Util. Esmt.
20' Util. Esmt.
Line 2
Scale: 1" = 50' Horz. 1" = 5' Vert.
Sta. 2+58.4 - Line 2 Sta. 0+00 - Line 2B Const. Std. Type "A" Or "C" M.B.
Sta. 5+46.4 - Line 2 Sta. 0+00 - Line 2A Const. Std. Type "A" Or "C" M.H.
Sta. 8+34.4 - Line 2 Const. Std. Type "A" Or "C" M.H.
Top MH Elev. 197.0
Top MH Elev. 193.7
Top MH Elev. 196.2
Top MH Elev. 195.2
255 L.F. 8" A.B.S. Composite Pipe @ 0.3%
Alternate 8" P.V.C. Pipe
288 L.F. 8" Pipe @ 0.4%
288 L.F. 8" Pipe @ 0.4%
31ST ST. COURT
31ST ST. COURT
INWOOD
278 L.F. 8" Pipe @ 0.4%
278 L.F. 8" Pipe @ 0.4%
278 L.F. 8" Pipe @ 0.4%
Top MH Elev. 195.2
Top MH Elev. 196.0
Top MH Elev. 196.2
Top MH Elev. 195.9
Top MH Elev. 193.7
Top MH Elev. 196.8



INWOOD
WINTERBERRY
WINTERBERRY COURT
LONGFELLOW
LONGFELLOW CT.
Sta. 1+94.4 - Line 3 Const. Std. Type "A" Or "C" M.H.
Sta. 3+64.6 - Line 3 Const. Std. Type "A" Or "C" M.H.
Sta. 5+34.5 - Line 3 Const. Std. Type "A" Or "C" M.H. W/4" Stub SW & E
Sta. 0+04.9 Line 3 Connect To Existing MH
Sta. 1+66.5 - Line 4 Const. Std. Type "A" Or "C" M.H.
Sta. 2+16.7 - Line 4 Sta. 0+00 - Line 4B Const. Std. MH Type "A" Or "C"
Sta. 5+14.7 - Line 4 Sta. 0+00 - Line 4A Const. Std. MH Type "A" Or "C"
Sta. 6+94.7 - Line 4 Const. Std. Type "A" Or "C" M.H. W/4" Stub NW & NE
Sta. 0+05.4 - Line 4 Connect To Existing MH
Sta. 0+00 - Line 4A Sta. 5+14.7 - Line 4 Const. Std. MH Type "A" Or "C"
Sta. 1+75 - Line 4A Const. Std. Type "A" Or "C" M.H. W/4" Stub NE & S
Sta. 0+00 - Line 4B Sta. 2+16.7 - Line 4 Const. Std. MH Type "A" Or "C"
Sta. 1+60 - Line 4B Const. Std. Type "A" Or "C" M.H. W/4" Stub N & SE
Existing 12" Clay Pipe
Existing 10" Clay Pipe
30' Util. Esmt.
20' Util. Esmt.
Line 3
Line 4
Line 4A
Line 4B
Scale: 1" = 50' Horz. 1" = 5' Vert.
190 L.F. 8" Pipe @ 0.4%
170 L.F. 8" Pipe @ 0.4%
170 L.F. 8" Pipe @ 0.4%
161 L.F. 8" Pipe @ 0.4%
50 L.F. 8" Pipe @ 0.4%
298 L.F. 8" Pipe @ 0.4%
180 L.F. 8" Pipe @ 0.4%
175 L.F. 8" Pipe @ 0.4%
160 L.F. 8" Pipe @ 0.4%
Top MH Elev. 197.2
Top MH Elev. 198.2
Top MH Elev. 196.6
Top MH Elev. 199.8
Top MH Elev. 199.9
Top MH Elev. 198.9
Top MH Elev. 188.69
Top MH Elev. 200.2
Top MH Elev. 198.9
Top MH Elev. 199.9
Top MH Elev. 201.2



LONGFELLOW
WINTERBERRY
LONGFELLOW CT.
CORALBERRY CIR.
31ST ST. NORTH
32ND ST. NORTH
Existing 10" Clay Pipe
Sta 0+00-Line 5 Const Std Type "B" Or "C" M.H.
Sta 3+09.6-Line 5 Sta 0+00-Line 5A Const Std Type "A" Or "C" M.H.
Sta 5+97.6-Line 5 Const Std Type "A" Or "C" M.H.
Sta 0+00-Line 5A Sta 3+09.6-Line 5 Const Std Type "A" Or "C" M.H.
Sta 2+15-Line 5A Const Std Type "A" Or "C" M.H.
Sta 4+29.8-Line 5A Const Std Type "A" Or "C" M.H. W/4" Stub NW & 8" Stub E. To ℄
Scale 1" = 50' Horz. 1" = 5' Vert.
Top MH Elev. 204.4
Top MH Elev. 201.6
Top MH Elev. 201.8
310 L.F. 8" Pipe @ 0.4%
288 L.F. 8" Pipe @ 0.4%
CORALBERRY CIRCLE
215 L.F. 8" Pipe @ 0.4%
Top MH Elev. 201.8
Top MH Elev. 202.4
Top MH Elev. 203.8
31ST STREET NORTH
Top MH Elev. 201.5
Top MH Elev. 202.75
Top MH Elev. 204.5