LATERAL 1, MAIN 6, S.S. NO. 23

PROJECT NO. DBKL 572070

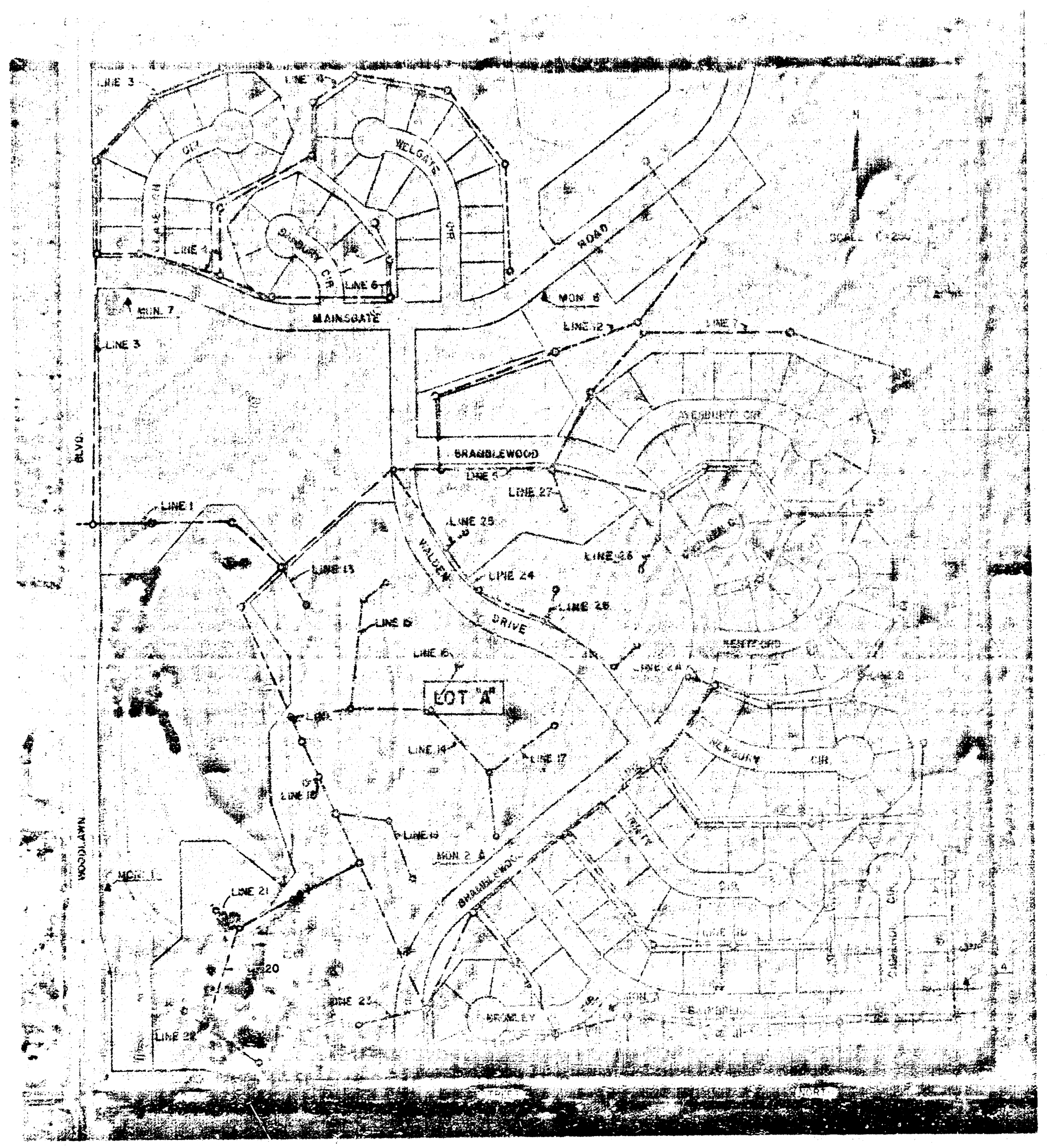
CITY OF WICHITA, KANSAS

R.W. LINN CITY ENGINEER

MAR 1973

MONUMENT NO.	COORDINATES		ELEVATION
	NORTH	EAST	
1	387,617.08	2,358,306.45	192.82
2	387,658.50	2,359,373.84	198.82
3	387,300.15	2,359,693.50	206.16
4	387,322.38	2,360,659.97	208.71
5	389,060.76	2,360,628.00	211.23
6	389,079.36	2,359,489.27	199.63
7	389,094.41	2,358,331.35	188.51

MONUMENTS SHOWN THUS: ▲ MON. NO.



AERIAL LOCATION MAP

SCALE 1"=250'

NOTES: Installation of Service Line Stubs and construction of fill around Manholes above existing ground shall be incidental to Manhole Construction.

Sand Backfill in place paid for by the Lin. Ft. shall include cost of sand, placing, jetting and vibrating.

Compacted Backfill at locations indicated on the plans to be paid for by the Lin. Ft.

Compacted Backfill of selected material at locations indicated on the plans shall be compacted to a density equal to or greater than 85% of standard density of the soil involved.

The cost of clearing right-of-way to facilitate construction of sanitary sewers shall be incidental to the project.

NOTE: Plans revised July 18, 1973. Lines 13, 14, 15, 16, 17, 18 & 19 were revised. Lines 20, 21, 22, 23, 24, 25, 26, 27 & 28 were added to the plans.

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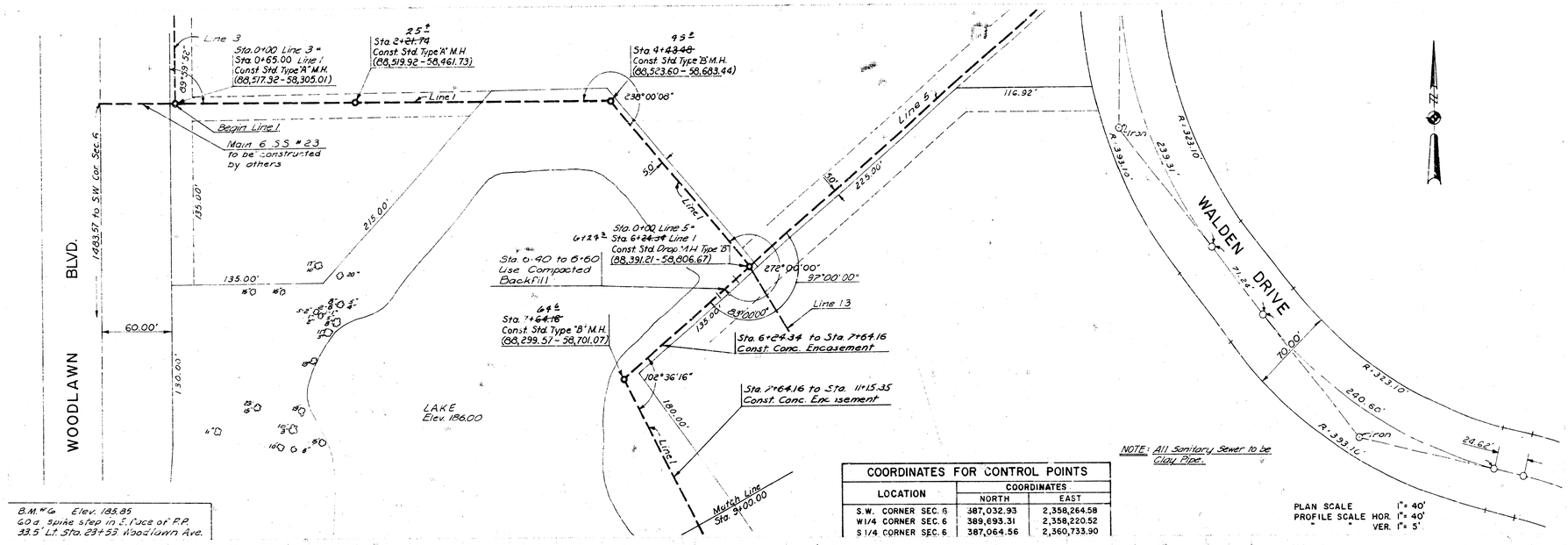
VAN DOREN-HAZARD-STALLINGS-SCHNACKE
ENGINEERS-ARCHITECTS · · WICHITA, KANSAS

SHEET 1 OF 24



COORDINATES FOR CONTROL POINTS		
LOCATION	COORDINATES	
	NORTH	EAST
S.W. CORNER SEC. 6	387,032.93	2,358,264.58
W1/4 CORNER SEC. 6	389,693.31	2,358,220.52
S 1/4 CORNER SEC. 6	387,064.56	2,360,733.90

LAT. 1, MAIN 6, SS. NO. 23
PROJ. NO. DBKL 572070
SHEET 2 OF 24 LINE NO. 1

53 Σ
Sta. 10+68.77
Const. Std. Drop M.H. Type "B"
(88,023.37 - 58,833.04)

Sta. 10+80 to 11+00
Use Compacted Backfill

19 Σ
Sta. 12+88.00
Const. Std. Outside Drop M.H. Type "B"
(87,896.53 - 58,917.77

24 Σ
Sta. 13+85.00
Const. Std. Drop M.H. Type "A"
(87,905.98 - 58,967.36)

Line 19

Line 10

20' Esmt.

Line 1

65 Σ
Sta. 14+66.34
Const. Std. Drop M.H. Type "A"
(87,601.41 - 59,034.57)

13 Σ
Sta. 11+15.35
Const. Std. Type "B" M.H.
(87,990.49 - 58,961.32)

Line 20

Match Line 9+00.00

Sta. 7+64.16 to Sta. 11+15.35
Const. Conc. Encasement

180.00'

110.01'

93.25'

185.00'

LAKE

185.05'

50.00'

Sta. 0+00 Line 2
Sta. 0+00 Line 23
Sta. 18+33.74 Line 1
Const. Std. Type "A" M.H.
(87,367.03 - 59,204.17)

Drop 20.0'

Outside - Drop West

50.00' R

70.00'

208° 11' 55"

R = 323.10'

331.63'

R = 333.10'

Iron

Line 23

120.00

119.06'

211.96'

BRAMBLEWOOD

79 Σ
Sta. 20+95.79
Const. Std. Type "A" M.H.
(87,094.99 - 59,204.87)

End Line 1

NORTH

STREET

21ST

Iron

Install one joint (6') of 8" VCP and plug

PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" " VER. 1" = 5'

B.M. #2 Elev. 199.20
80 d. spike step in N.E. face of 13" Elm, 89.5 Lt. Sta. 00+96, Bramblewood.

Fill ground M.H. @ 2'e.l by San. Sew. Contractor where shown

Sta. 10+30.00 Const. Std. Drop M.H. Type "B" Rim M.H. 199.0

Sta. 11+15.35 Const. Std. Type "B" M.H. Rim M.H. 195.1

Sta. 12+20.00 Const. Std. Outside Drop M.H. Type "B" Rim M.H. 191.0

Sta. 13+25.00 Const. Std. Drop M.H. Type "A" Rim M.H. 191.5

Sta. 14+66.34 Const. Std. Drop M.H. Type "A" Rim M.H. 193.0

Sta. 0+00 Line 2 Sta. 0+00 Line 23 Const. Std. Type "A" M.H. Rim M.H. 191.8

Sta. 20+95.79 Const. Std. Type "A" M.H. Rim M.H. 189.6

Exist. Ground

Top of curb along Bramblewood

Conc. Encasement

Approx. Lake Level

Approx. Lake Bot.

Line #1

60 LF 12" @ +0.32%

351 LF 12" @ +0.32%

105 LF 12" @ +0.30%

105 LF 12" @ +0.30%

142 LF 12" @ +0.30%

357 LF 12" @ +0.30%

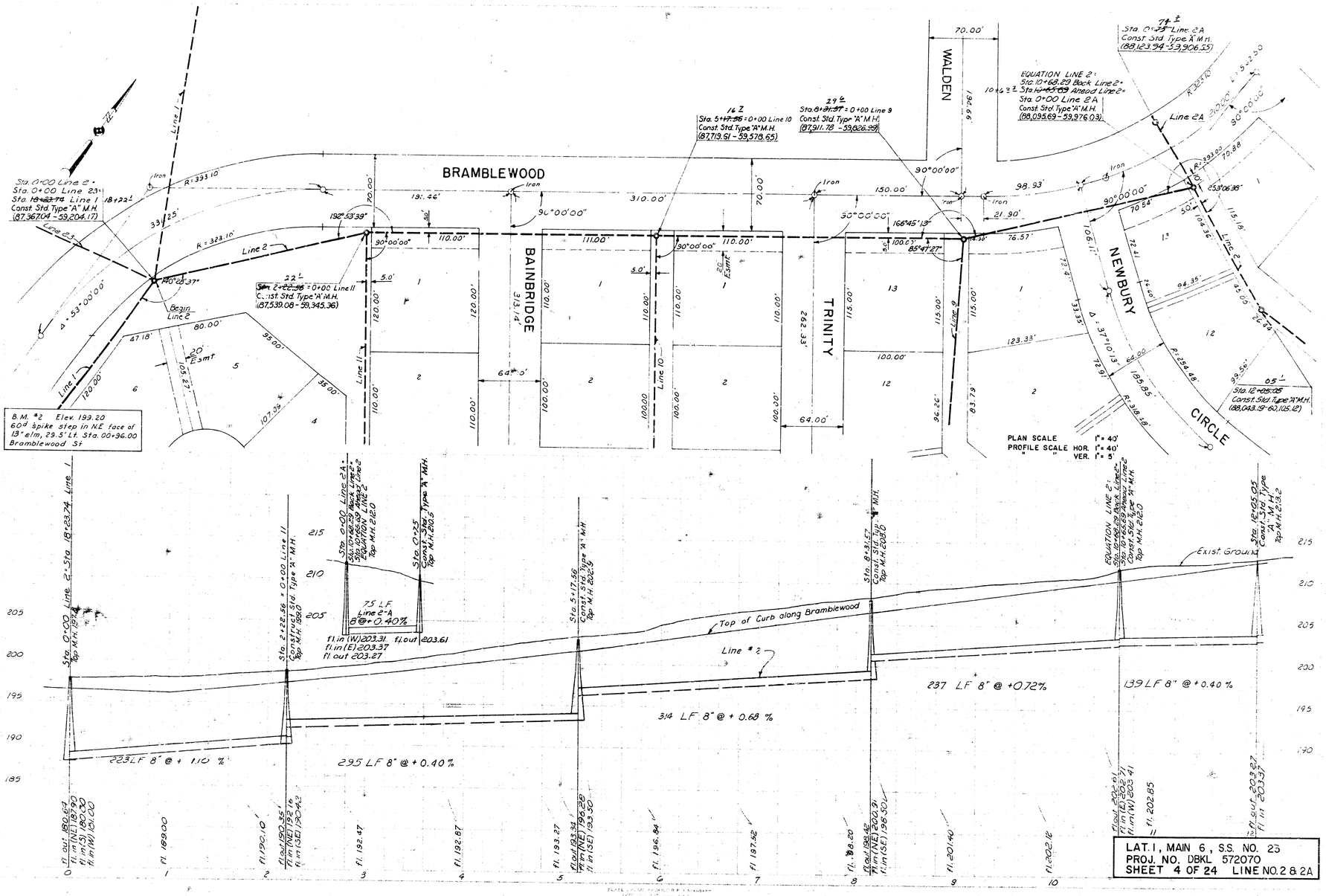
272 LF (10" @ +0.30%

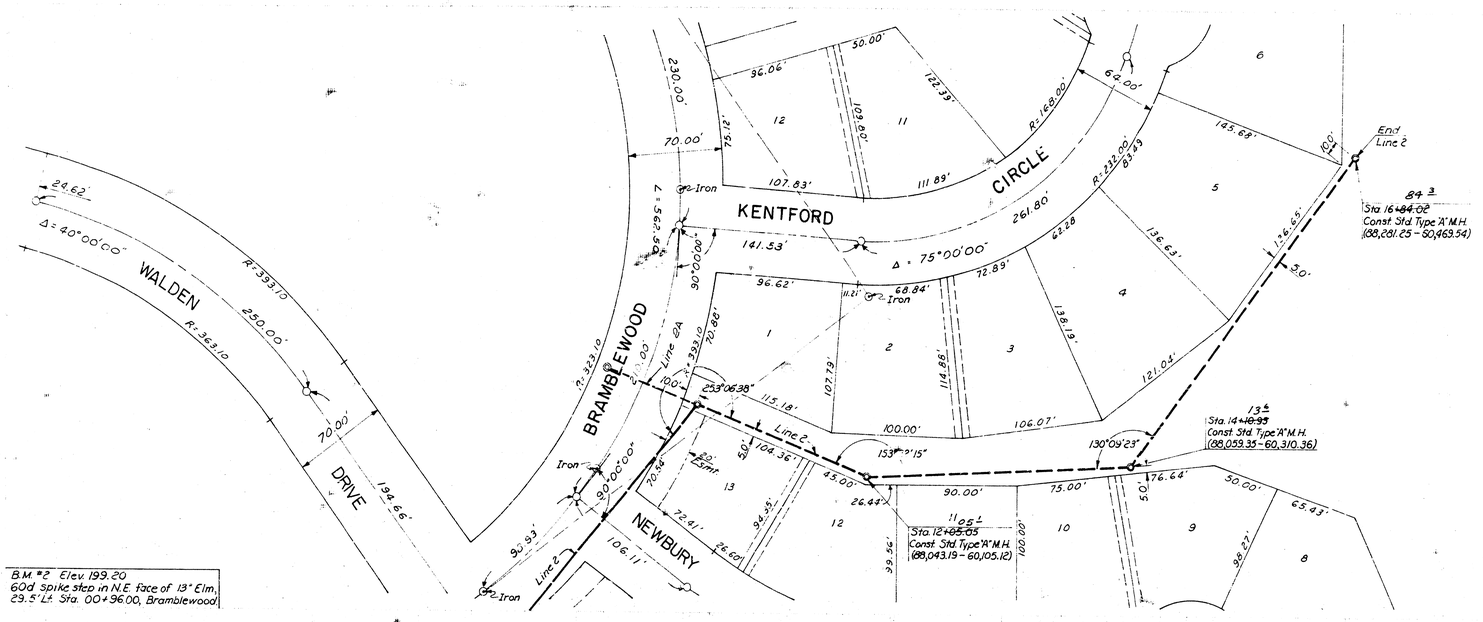
Fl. 177.82
Fl. 178.44
Fl. 178.96
Fl. 179.66
Fl. 180.26
Fl. 180.56
Fl. 181.33
Fl. 181.62

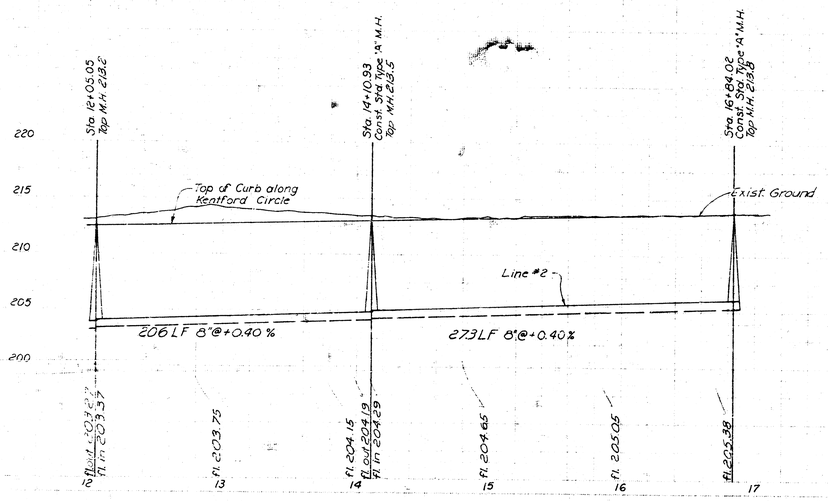
Esmt. 194.32
Encl. 190.30
Encl. 190.30
Encl. 189.60
Encl. 189.60
Encl. (W) 179.50
Encl. (W) 179.50
Encl. (S) 179.30
Encl. (S) 179.30
Encl. (N) 179.00
Encl. (N) 179.00
Encl. (E) 178.80
Encl. (E) 178.80
Fl. in (S) 180.80
Fl. in (N) 180.50
Fl. in (W) 180.00
Encl. 180.64
Fl. in (S) 180.80
Fl. in (N) 180.50
Fl. in (W) 180.00
Fl. 181.03
Fl. in 181.62

9 10 11 12 13 14 15 16 17 18 19 20

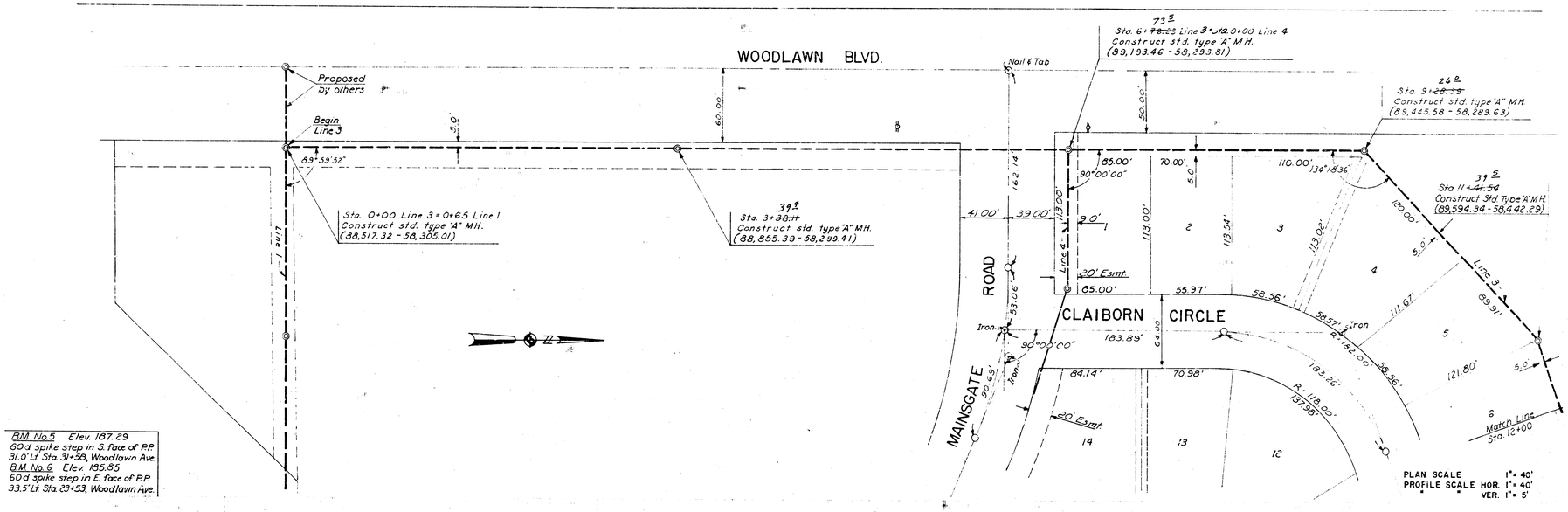
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 3 OF 24 LINE NO. 1


BRAMBLEWOOD
BAINBRIDGE
TRINITY
WALDEN
NEWBURY
CIRCLE
Line 1
Line 2
Line 2A
Line 2-A
Line 9
Line 10
Line 11
Begin Line 2
Sta. 0+00 Line 2 = Sta. 18+23.74 Line 1
Const. Std. Type "A" M.H. (87,367.04 - 59,204.17)
Sta. 2+22.68 = 0+00 Line 11
Const. Std. Type "A" M.H. (87,539.08 - 59,345.36)
Sta. 5+17.56 = 0+00 Line 10
Const. Std. Type "A" M.H. (87,713.61 - 59,578.65)
Sta. 8+31.37 = 0+00 Line 9
Const. Std. Type "A" M.H. (87,911.78 - 59,826.39)
Sta. 0+00 Line 2A
Const. Std. Type "A" M.H. (88,093.69 - 59,976.03)
EQUATION LINE 2:
Sta. 10+68.29 Back Line 2 =
Sta. 10+65.09 Ahead Line 2
Sta. 0+00 Line 2A
Const. Std. Type "A" M.H. (88,093.69 - 59,976.03)
Sta. 0+00 Line 2A
Const. Std. Type "A" M.H. (88,123.94 - 59,906.55)
Sta. 12+65.05
Const. Std. Type "A" M.H. (88,043.19 - 60,115.12)
B.M. #2 Elev. 199.20
60d spike step in N.E. face of 13" elm, 29.5' Lt. Sta. 00+96.00 Bramblewood St
PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" " VER. 1" = 5'
Top of Curb along Bramblewood
Exist Ground
Line # 2
75 LF Line 2-A @ + 0.40%
223 LF 8" @ + 1.10 %
295 LF 8" @ + 0.40 %
314 LF 8" @ + 0.68 %
237 LF 8" @ + 0.72%
139 LF 8" @ + 0.40 %
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 4 OF 24 LINE NO. 2 & 2A

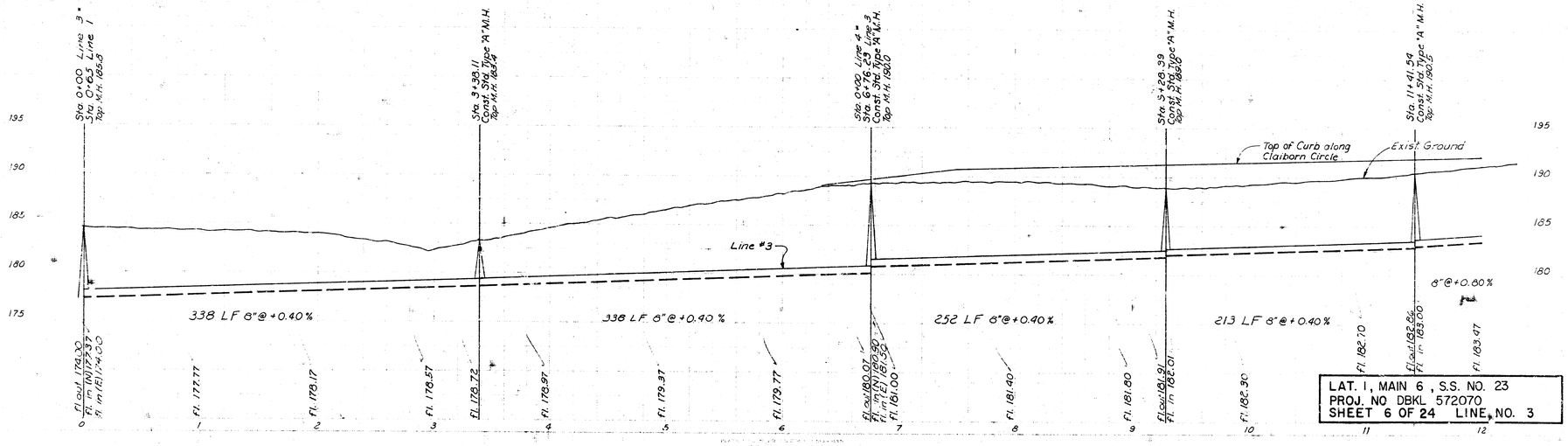




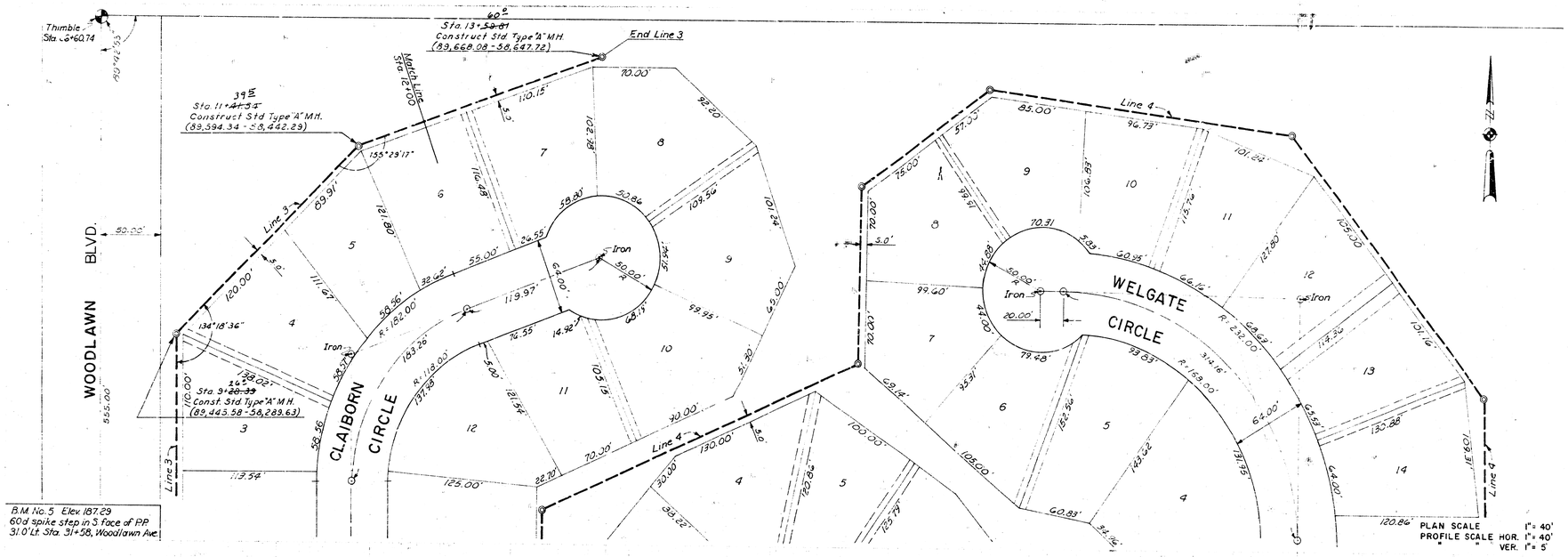
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 5 OF 24 LINE NO. 2



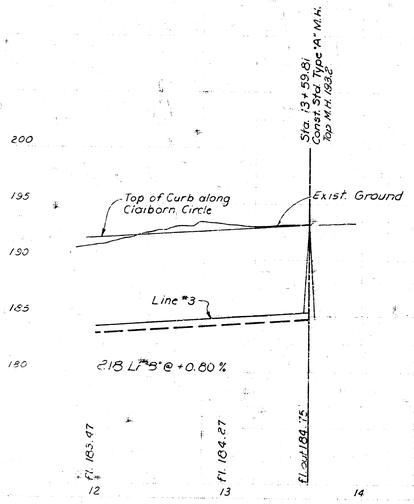
BM No. 5 Elev. 187.29
60d spike step in S. face of P.P.
31.0' Lt. Sta. 31+58, Woodlawn Ave.
BM No. 6 Elev. 135.85
60d spike step in E. face of P.P.
33.5' Lt. Sta. 23+53, Woodlawn Ave.



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO DBKL 572070
SHEET 6 OF 24 LINE, NO. 3



B.M. No. 5 Elev. 187.29
60d spike step in S. face of P.P.
31.0' Lt. Sta. 31+58, Woodlawn Ave.



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 7 OF 24 LINE NO. 3

Sta. 0+00 Line 4 = Sta. 6+76.23 Line 3
Const. Std. Type "A" M.H.
(89,198.46 - 58,293.81)

Begin Line 4

MAINSGATE ROAD

CLAIBORN CIRCLE

Line 4

Line 3

Line 6

Line 5

Iron

Iron

Iron

Iron

Iron

Iron

BANBURY CIRCLE

WELGATE CIRCLE

Sta. 0+00 Line 4 = Sta. 6+76.23 Line 3
Const. Std. Type "A" M.H.
(89,198.46 - 58,293.81)

Sta. 1+13.00
Const. Std. Type "A" M.H.
(89,195.33 - 58,406.79)

Sta. 3+23.23 Line 4 =
Sta. 0+00 Line 6
Const. Std. Type "A" M.H.
(89,127.81 - 58,606.93)

Sta. 5+04.27
Const. Std. Type "A" M.H.
(89,304.83 - 58,604.00)

Sta. 7+98.47
Const. Std. Type "A" M.H.
(89,425.77 - 58,870.00)

Sta. 9+35.18
Const. Std. Type "A" M.H.
(89,547.48 - 58,870.00)

Sta. 10+71.74
Const. Std. Type "A" M.H.
(89,630.24 - 59,978.63)

B.M. #5 Elev. 187.29
60d spike step in S. face of P.P.
31.0' Lt. Sta. 31+58 Woodlawn Ave.

PLAN SCALE 1" = 40'
PROFILE SCALE HOR 1" = 40'
" " VER. 1" = 5'

Sta. 0+00 Line 4 = Sta. 0+76.23 Line 3
Top M.H. 190.0

Sta. 1+13.00
Const. Std. Type "A" M.H.
Top M.H. 190.0

Sta. 3+23.23 Line 4
Top M.H. 190.2

Sta. 5+04.27
Const. Std. Type "A" M.H.
Top M.H. 192.3

Sta. 7+98.47
Const. Std. Type "A" M.H.
Top M.H. 194.0

Sta. 9+35.18
Const. Std. Type "A" M.H.
Top M.H. 195.0

Sta. 10+71.74
Const. Std. Type "A" M.H.
Top M.H. 196.0

Top of Curb along Claiborn Circle

Exist. Ground

Line #4

113 LF 8" @ +0.40 %

211 LF 8" @ +0.40 %

177 LF 8" @ +0.40 %

292 LF 8" @ +0.40 %

142 LF 8" @ +0.40 %

137 LF 8" @ +0.40 %

Fl. out 180.07
Fl. in (E) 181.90
Fl. in (N) 181.90

Fl. out 181.90

Fl. out 181.85
Fl. in 182.05

Fl. in 182.40

Fl. in 182.80

Fl. out 182.90
Fl. in (N) 183.34
Fl. in (W) 183.30

Fl. in 183.54

Fl. out 183.94
Fl. in 184.04

Fl. in 184.44

Fl. in 184.84

Fl. out 185.22
Fl. in 185.32

Fl. in 185.74

Fl. out 185.68
Fl. in 185.96

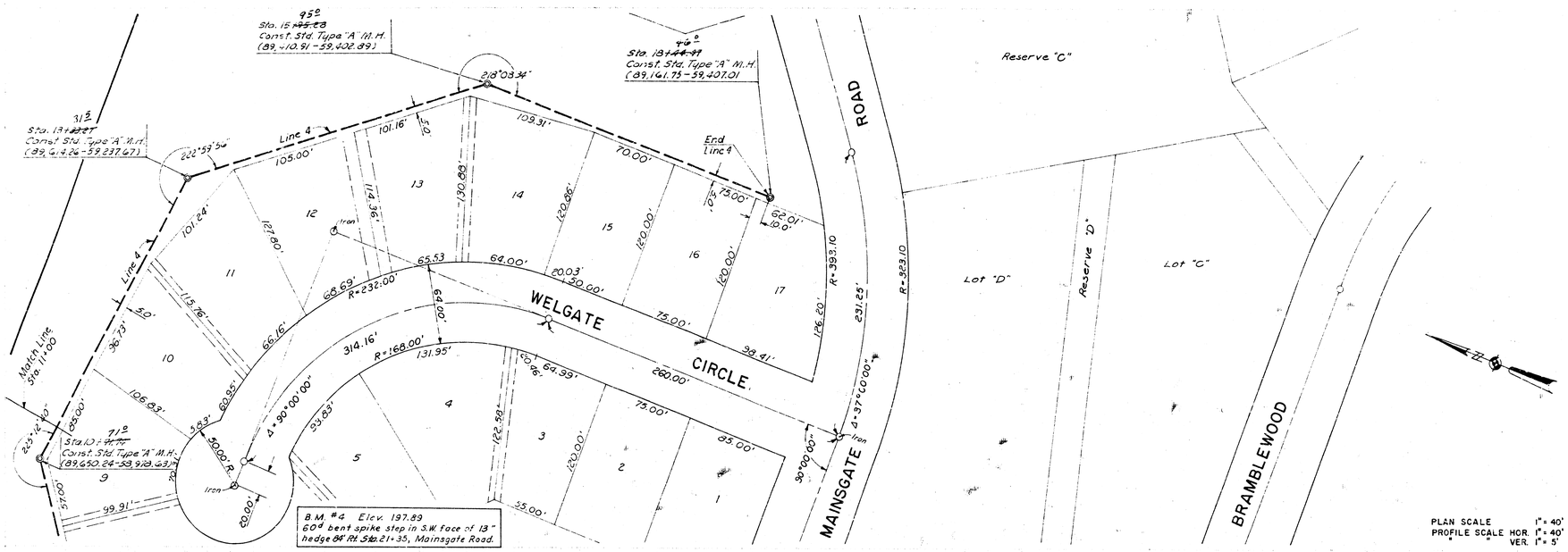
Fl. in 186.22

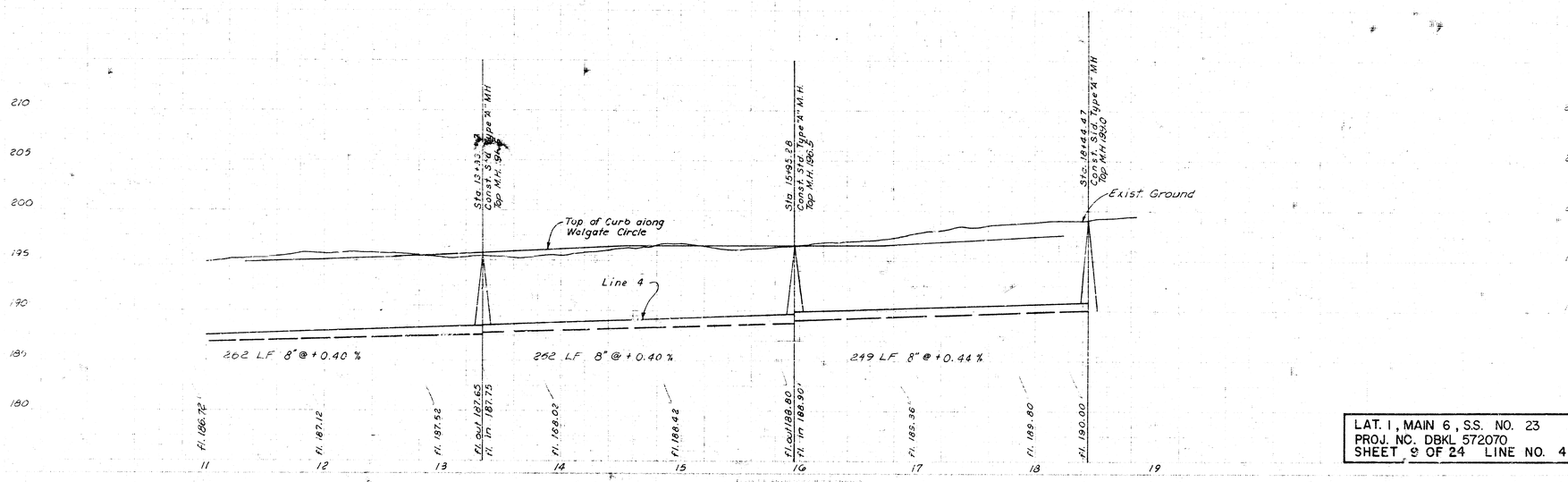
Fl. out 186.51
Fl. in 186.61

200
195
190
185
180

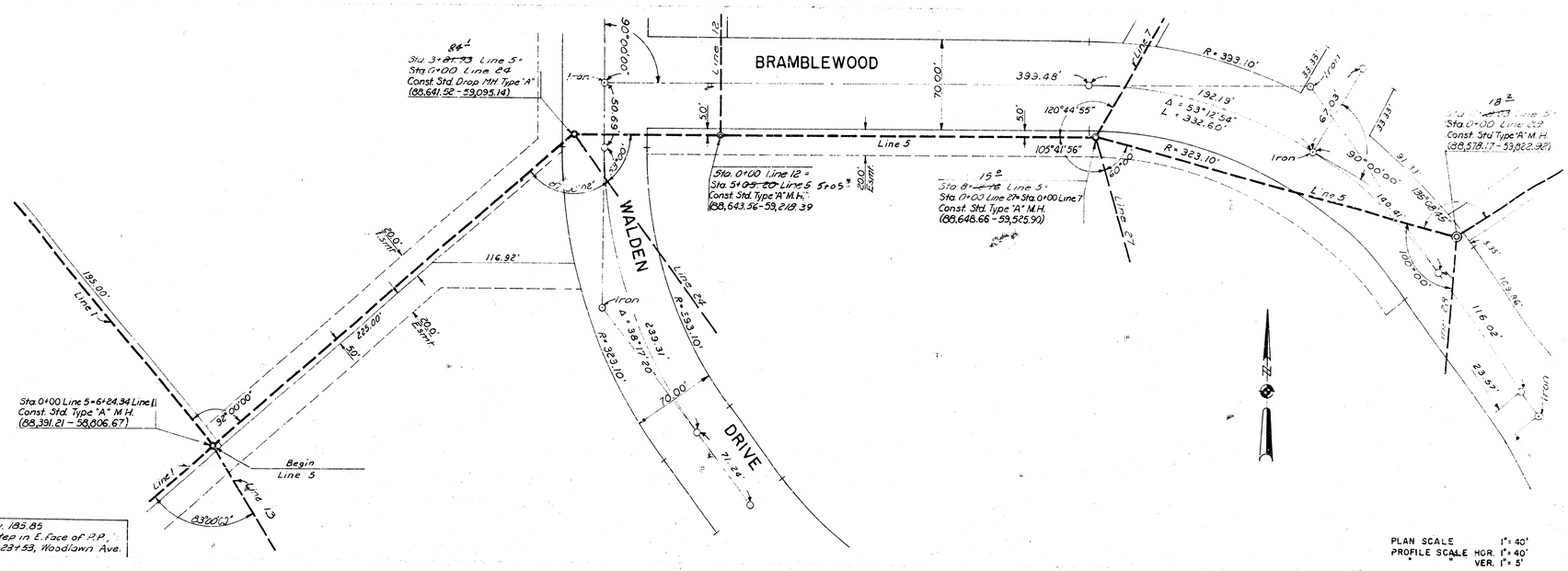
0 1 2 3 4 5 6 7 8 9 10 11 12

LAT. 1, MAIN 6, SS. NO. 23
PROJ. NO. DBKL 572070
SHEET 8 OF 24 LINE NO. 4

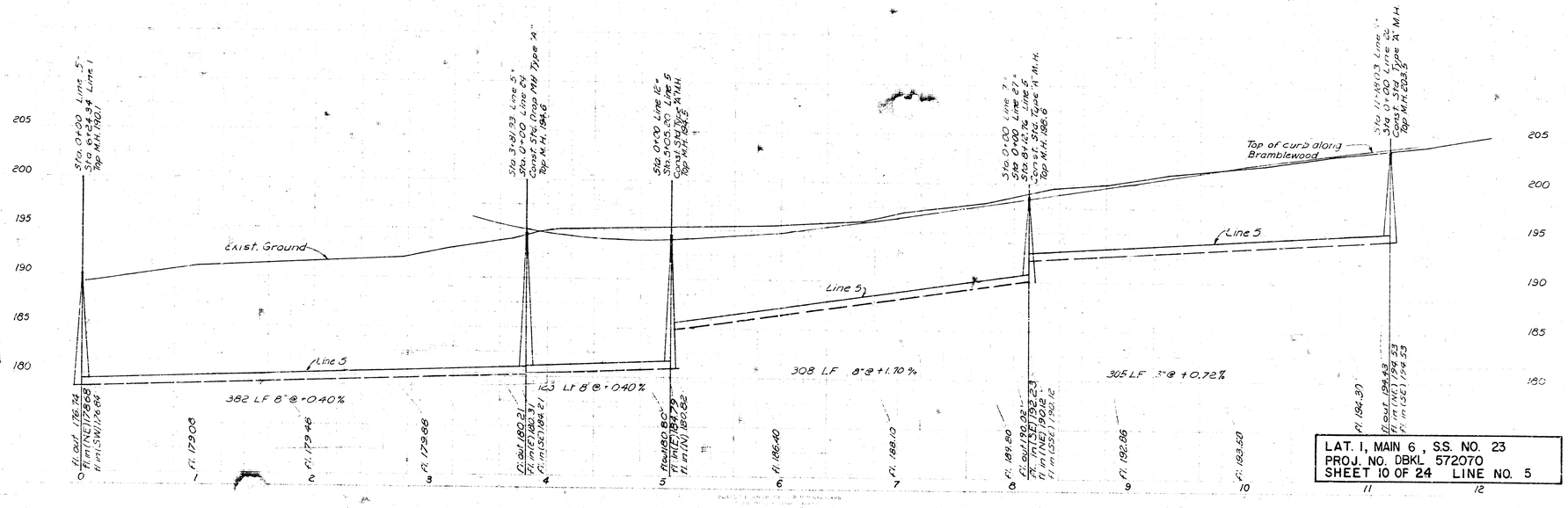




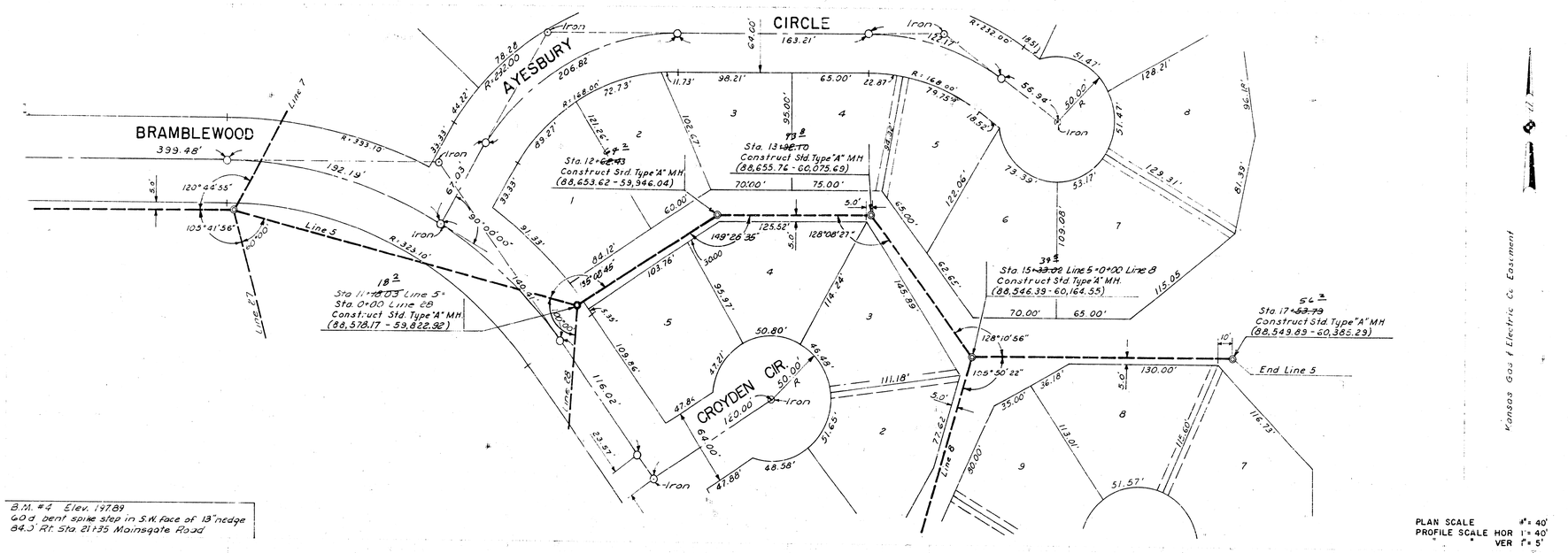
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 9 OF 24 LINE NO. 4



PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" VER. 1" = 5'



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 10 OF 24 LINE NO. 5



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 11 OF 24 LINE NO. 5

Kansas Gas & Electric Co. Easement

WOODLAWN BLVD

CLAIBORN CIRCLE

BANBURY CIRCLE

WELGATE CIRCLE

MAINSGATE ROAD

Line 3

Line 4

Line 6

End Line 6

Begin Line 6

Sta. 7+35.25
Const. Std. Type "A" M.H.
(89,297.44 - 58,904.42)

Sta. 6+80.2
Sta. 5+97.39
Const. Std. Type "A" M.H.
(89,192.97 - 59,071.28)

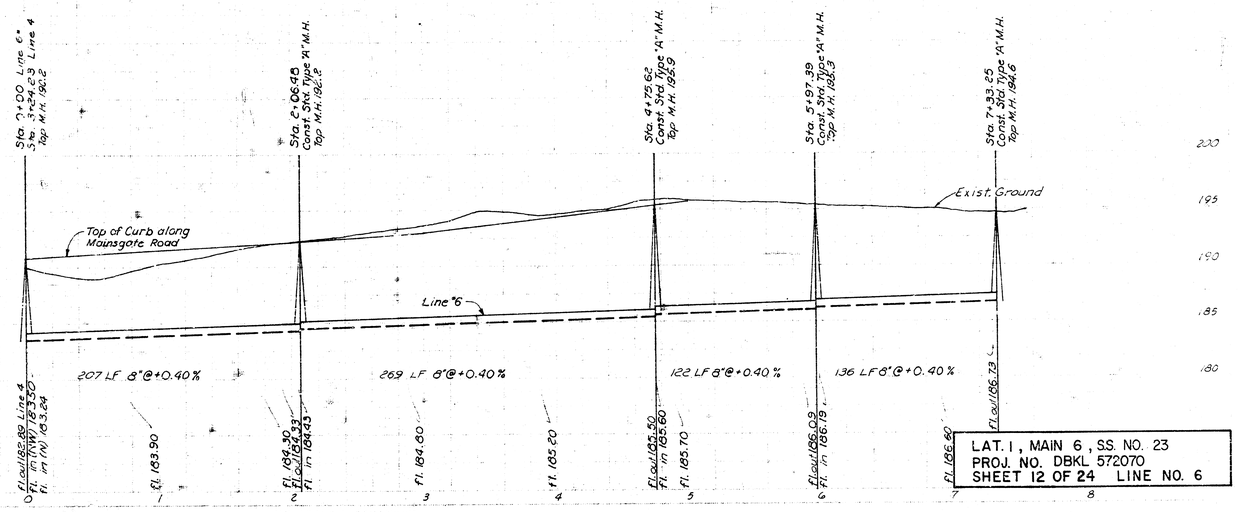
Sta. 4+75.62
Const. Std. Type "A" M.H.
(89,071.22 - 59,073.30)

Sta. 2+06.45
Const. Std. Type "A" M.H.
(89,066.76 - 58,804.19)

Sta. 0+00 Line 6 =
Sta. 3+24.23 Line 4
Const. Std. Type "A" M.H.
(89,127.61 - 58,606.93)

B.M. No. 5 Elev. 187.29
60d spike step in S face of P.P.
31.0' Lt. Sta 31+58, Woodlawn Ave.

PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" " VER. 1" = 5'



LAT. 1, MAIN 6, SS. NO. 23
PROJ. NO. DBKL 572070
SHEET 12 OF 24 LINE NO. 6

Sta. 2 1+~~77.83~~
Const. Std. Type "A" M.H.
(88,939.43-59,635.16)

Sta. 4 1+~~77.83~~
Const. Std. Type "A" M.H.
(88,750.21-59,749.83)

Sta. 8 1+~~85.71~~
Const. Std. Type "A" M.H.
(88,956.64-60,196.41)

Sta. 10 1+~~70.51~~
Const. Std. Type "A" M.H.
(88,845.60-60,427.46

End
Line 7

CIRCLE

AYESBURY

BRAMBLEWOOD
399.48'

Begin
Line 7

Sta. 0+00 Line 7 = Sta. 8+12.76 Line 5
Const. Std. Type "A" M.H.
(88,648.66-59,525.90)

Kansas Gas & Electric Co Easement

B.M. #4 Elev. 197.89
60d bent spike step in S.W. face of 13" hedge, 84.0' Rt. Sta. 21+35, Mainsgate Road.

PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" " VER. 1" = 5'

Sta. 0+00 Line 7
Sta. 8+12.76 Line 5
Top M.H. 189.6

Sta. 2+19.94
Const. Std. Type "A" M.H.
Top M.H. 200.0

Sta. 4+17.48
Const. Std. Type "A" M.H.
Top M.H. 201.3

Sta. 8+05.11
Const. Std. Type "A" M.H.
Top M.H. 205.1

Sta. 10+10.51
Const. Std. Type "A" M.H.
Top M.H. 210.8

Exist. Ground

Top of Curb along Ayesbury Circle

Top of Curb along Bramblewood

Line 7

220 LF 8" @ +1.00 %

198 LF 8" @ +0.72 %

388 LF 8" @ +1.16 %

265 LF 8" @ +1.16 %

Fl. out 190.02
Fl. in (NE) 190.12
Fl. in (SE) 190.23

Fl. out 191.12

Fl. out 192.12

Fl. out 192.32
Fl. in 192.42

Fl. out 193.00

Fl. out 193.72

Fl. out 193.84
Fl. in 193.94

Fl. out 194.30

Fl. out 196.06

Fl. out 197.22

Fl. out 198.38
Fl. in 198.48

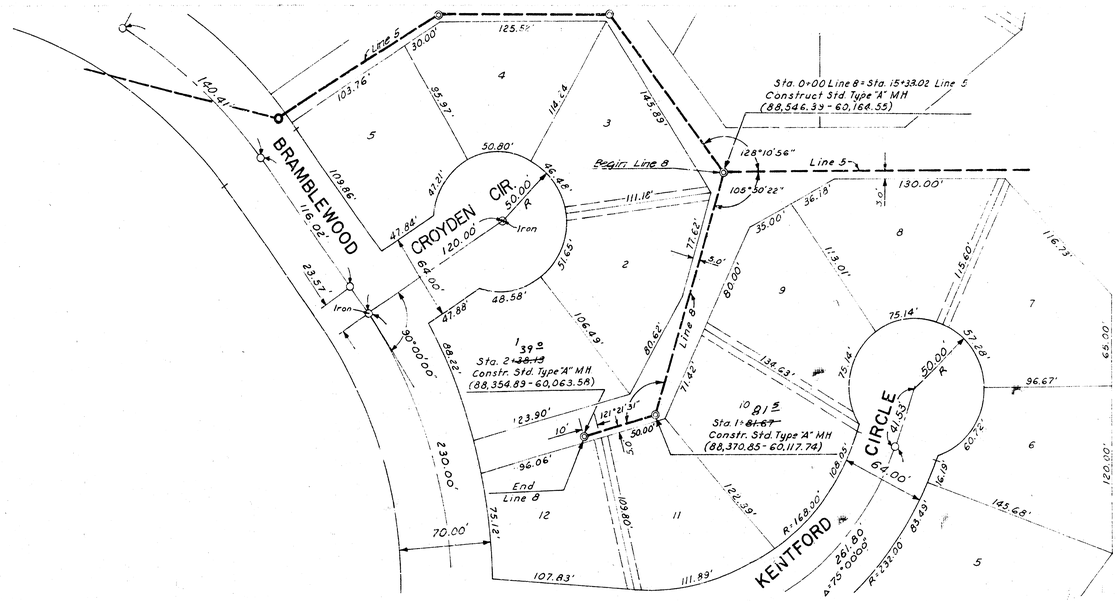
Fl. in 198.34

Fl. out 199.64

Fl. out 200.80

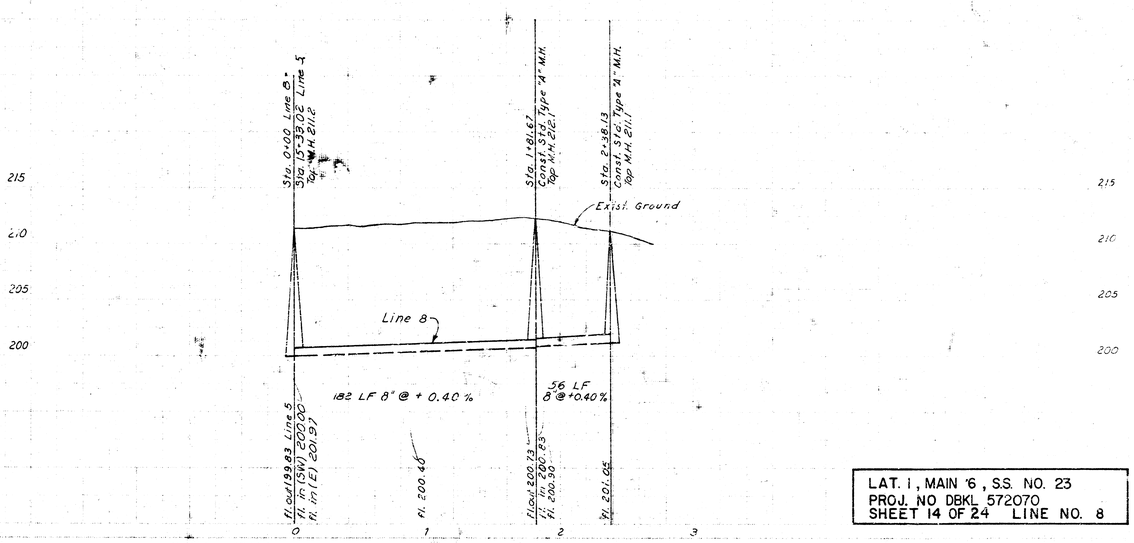
Fl. out 201.62

LAT. 1, MAIN E., SS. NO. 23
PROJ. NO. DBKL 572070
SHEET 13 OF 24 LINE NO. 7

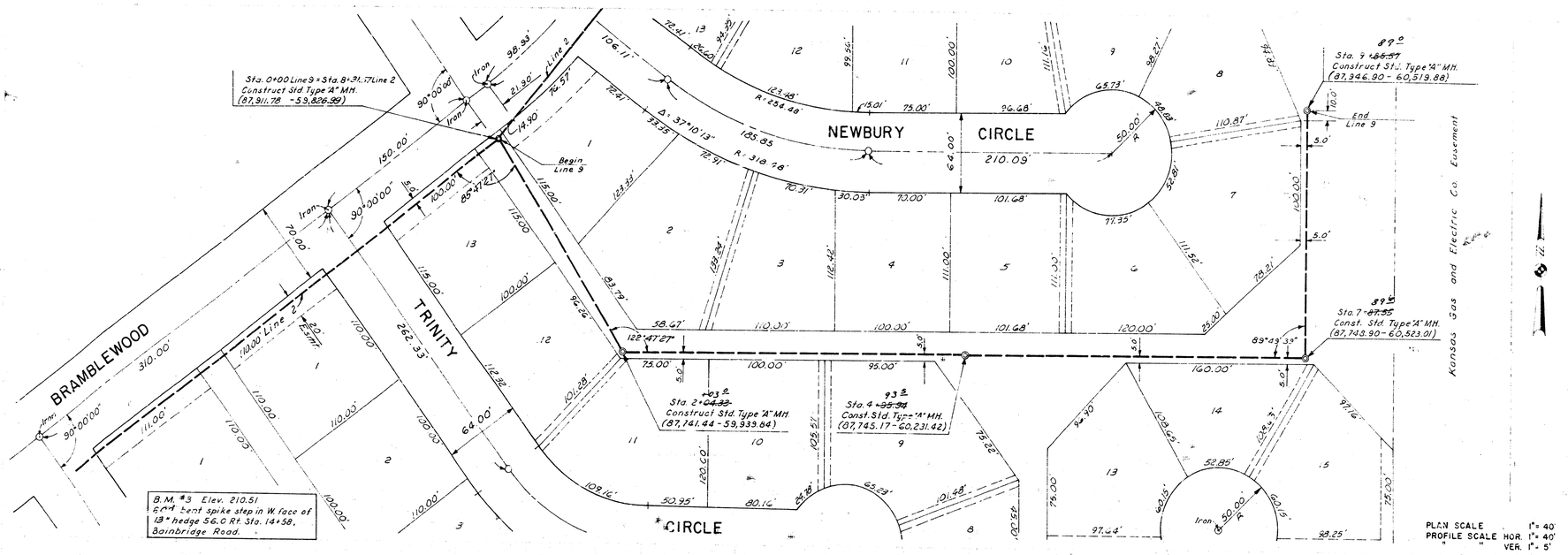


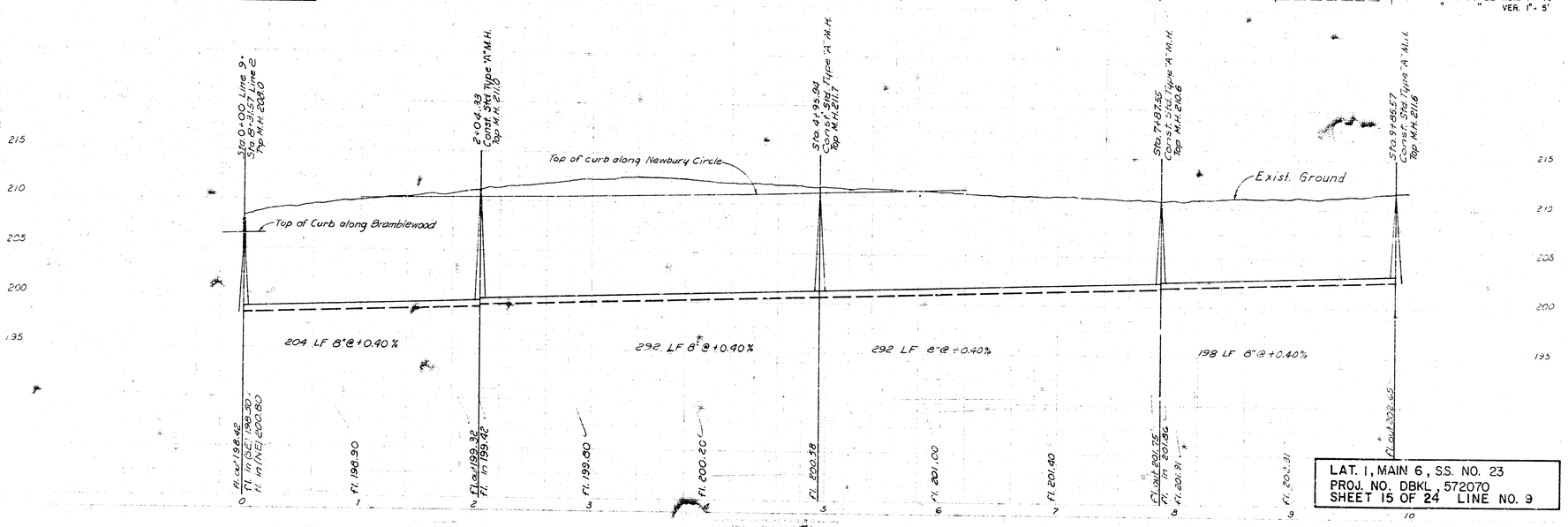
B.M. #3 Elev. 210.51
60d bent spike step in W. face of 13" hedge,
56.0' Rt. Sta. 14+58, Bainbridge Road.

PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" VER. 1" = 5'

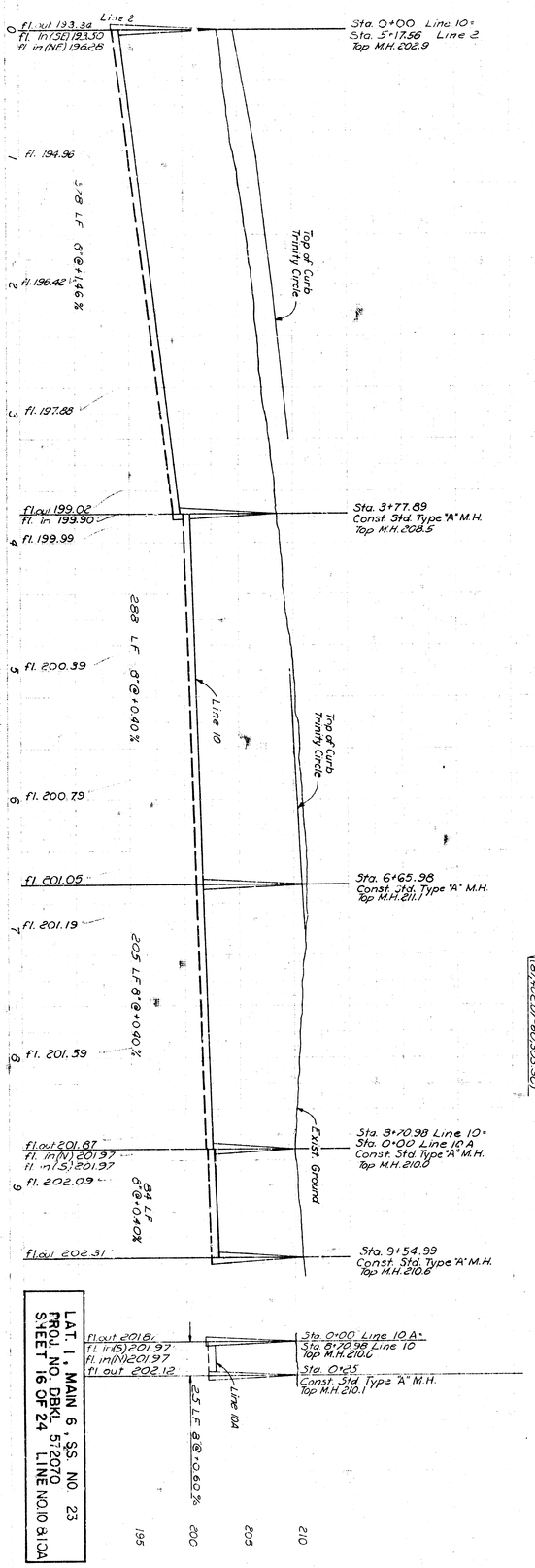


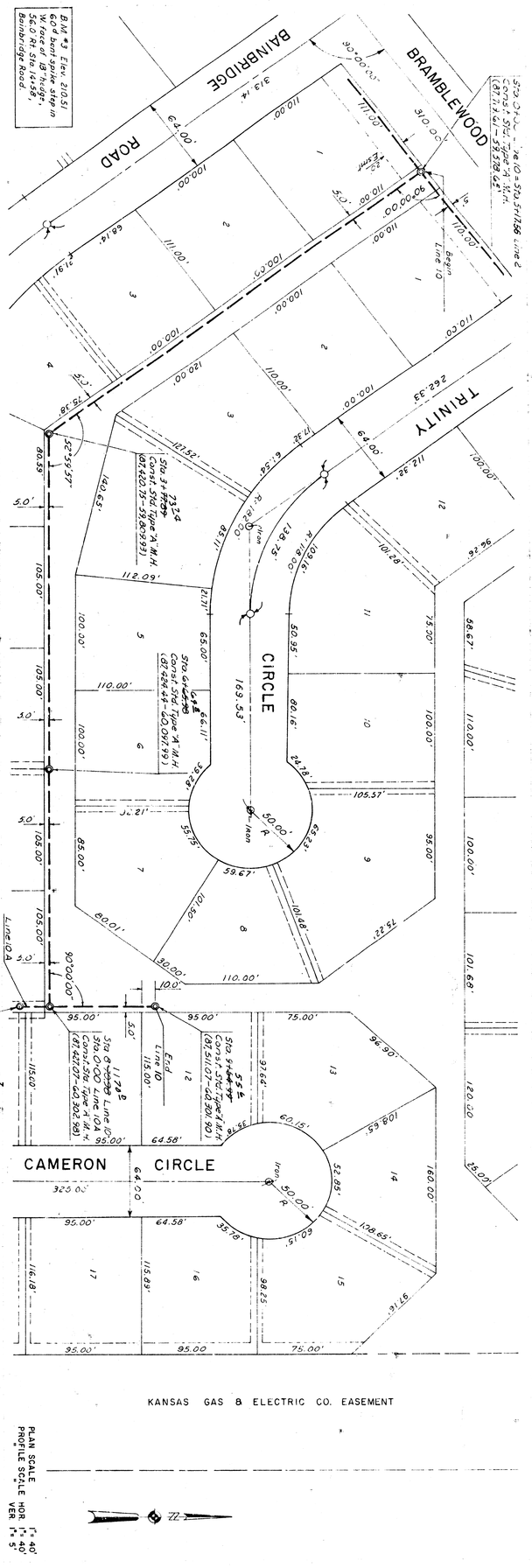
LAT. 1, MAIN 6, SS. NO. 23
PROJ. NO DBKL 572070
SHEET 14 OF 24 LINE NO. 8



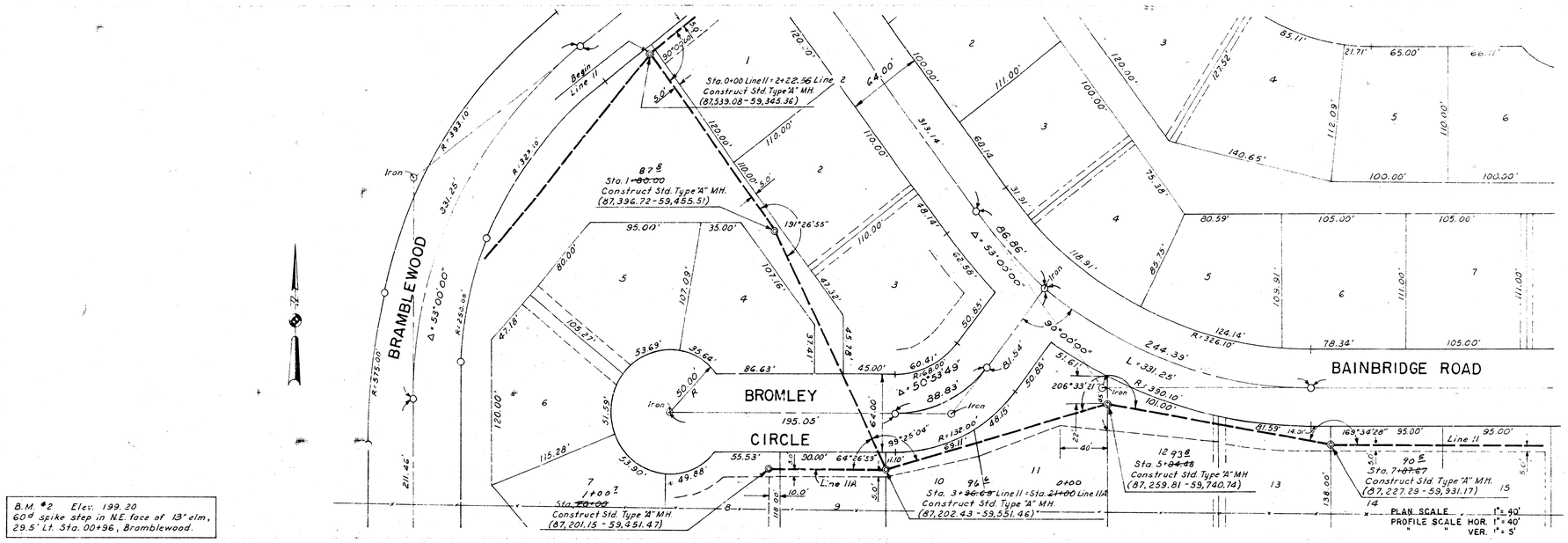


LAT. 1, MAIN 6, SS. NO. 23
PROJ. NO. DBKL, 572070
SHEET 15 OF 24 LINE NO. 9

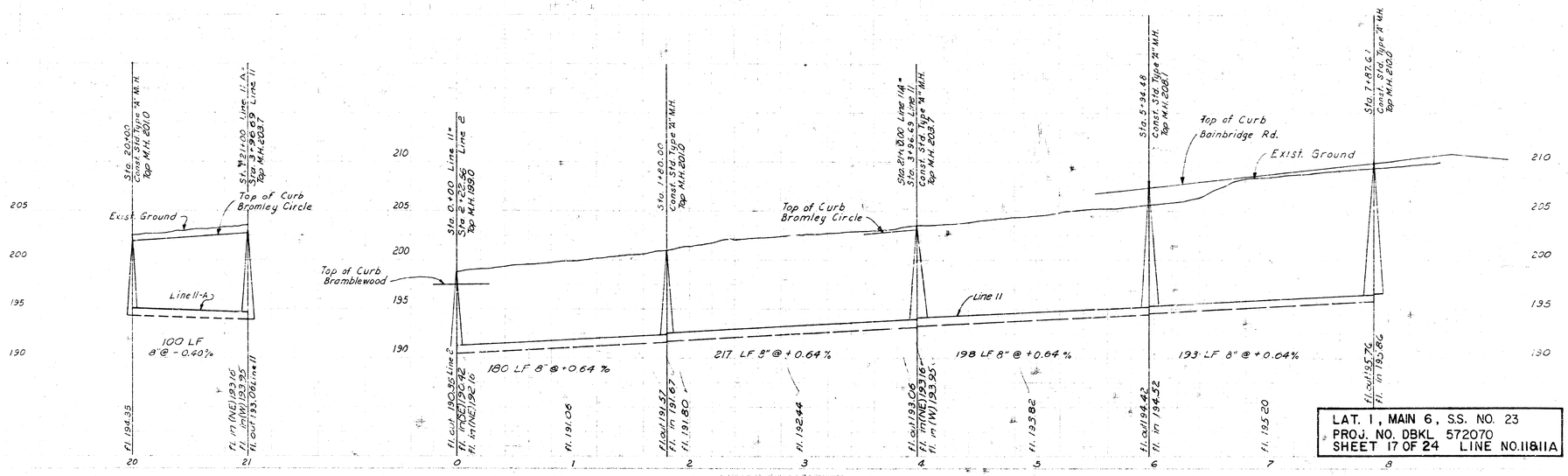




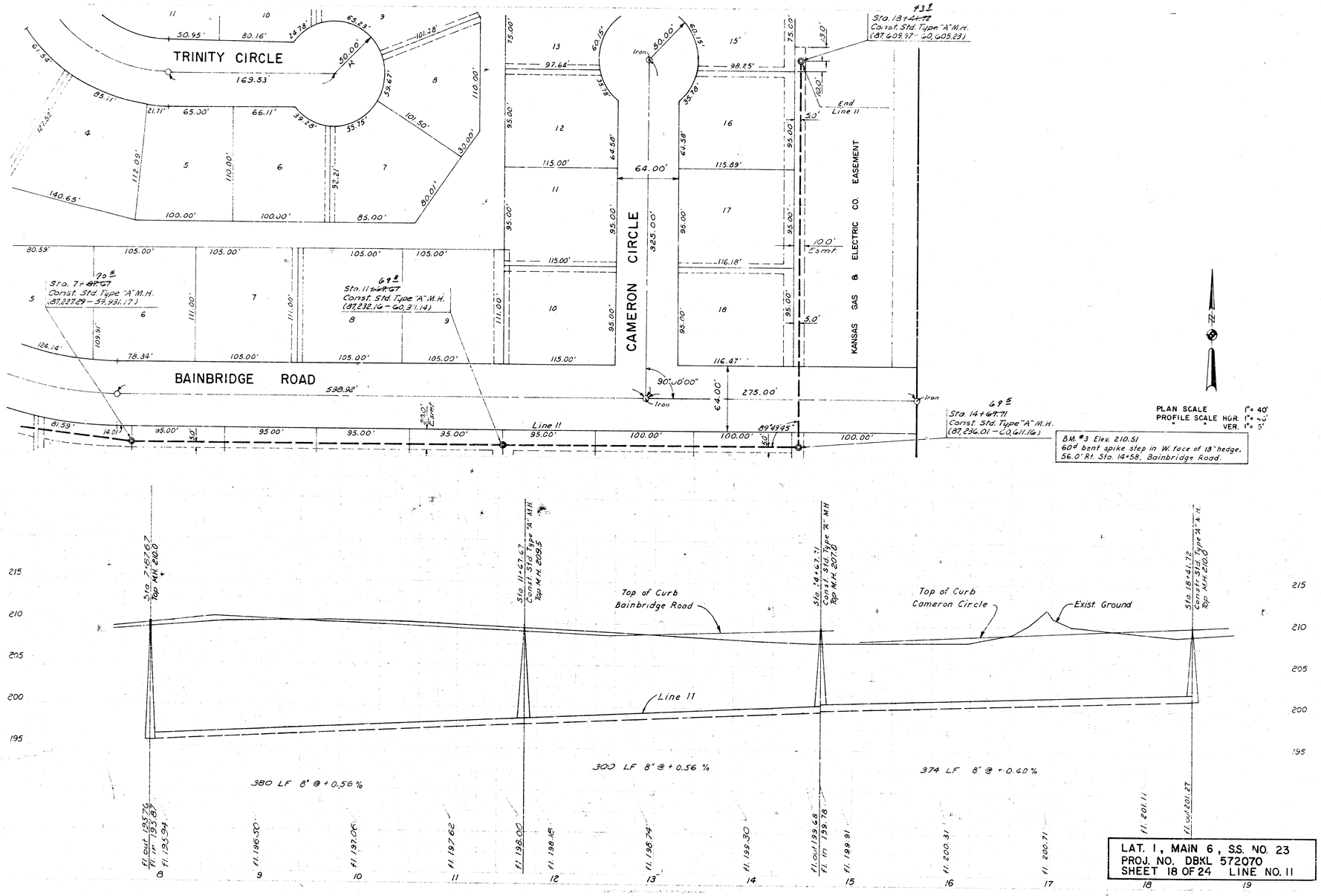
LAT. I, MAIN 6, SS. NO. 23
PROJ. NO. DBKL 5-2070
SHEET 16 OF 24 LINE NO. 10 & 10A

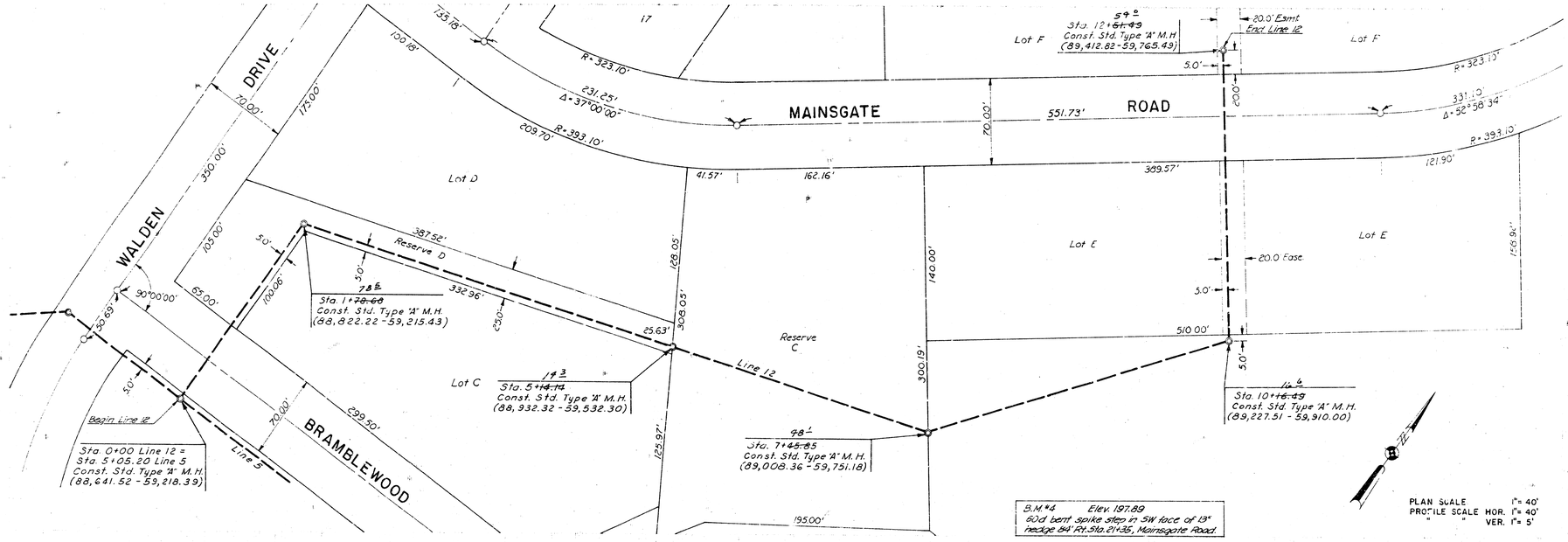


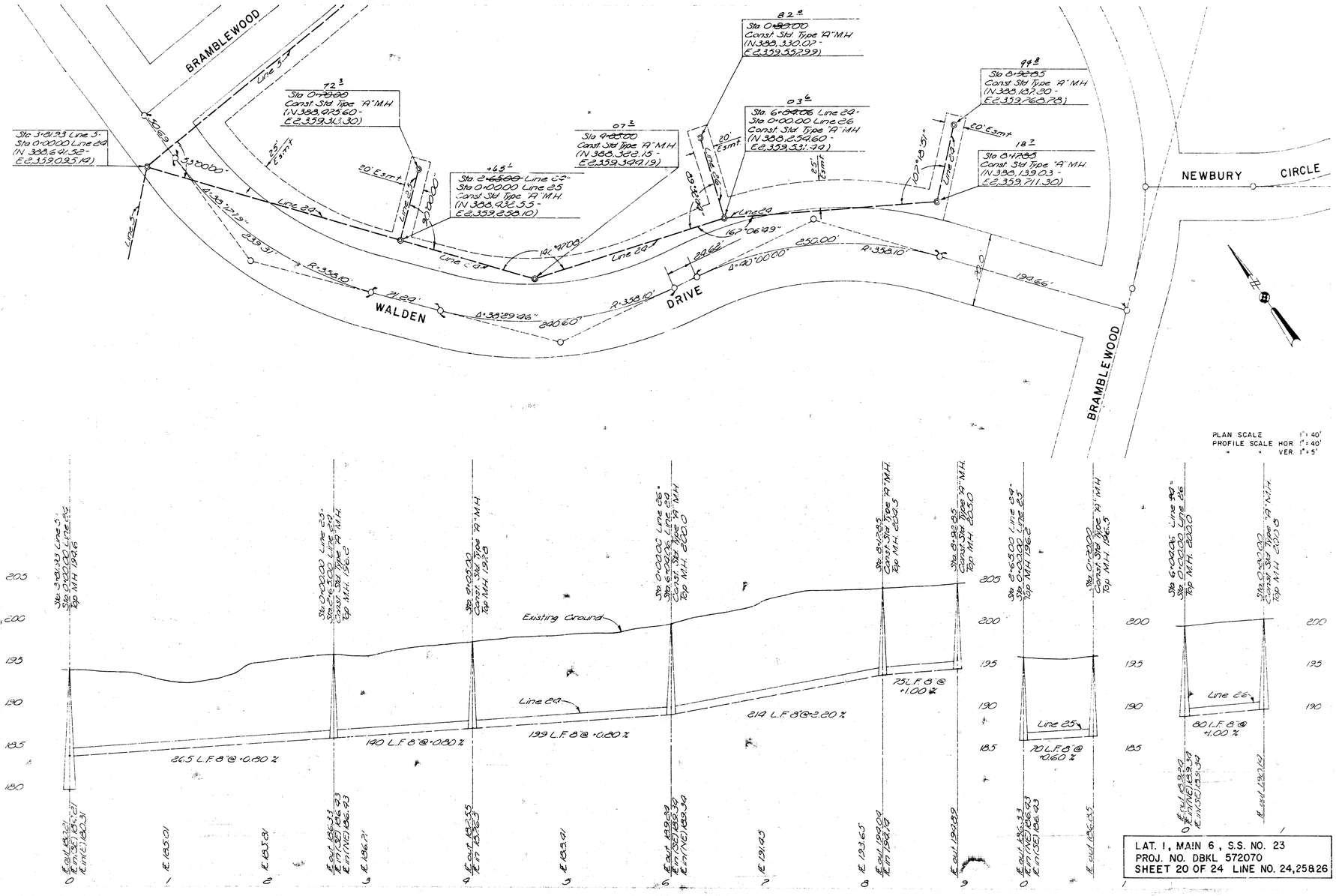
B.M. #2 Elev. 199.20
60d spike step in N.E. face of 13" elm,
29.5' Lt. Sta. 00+96, Bramblewood.

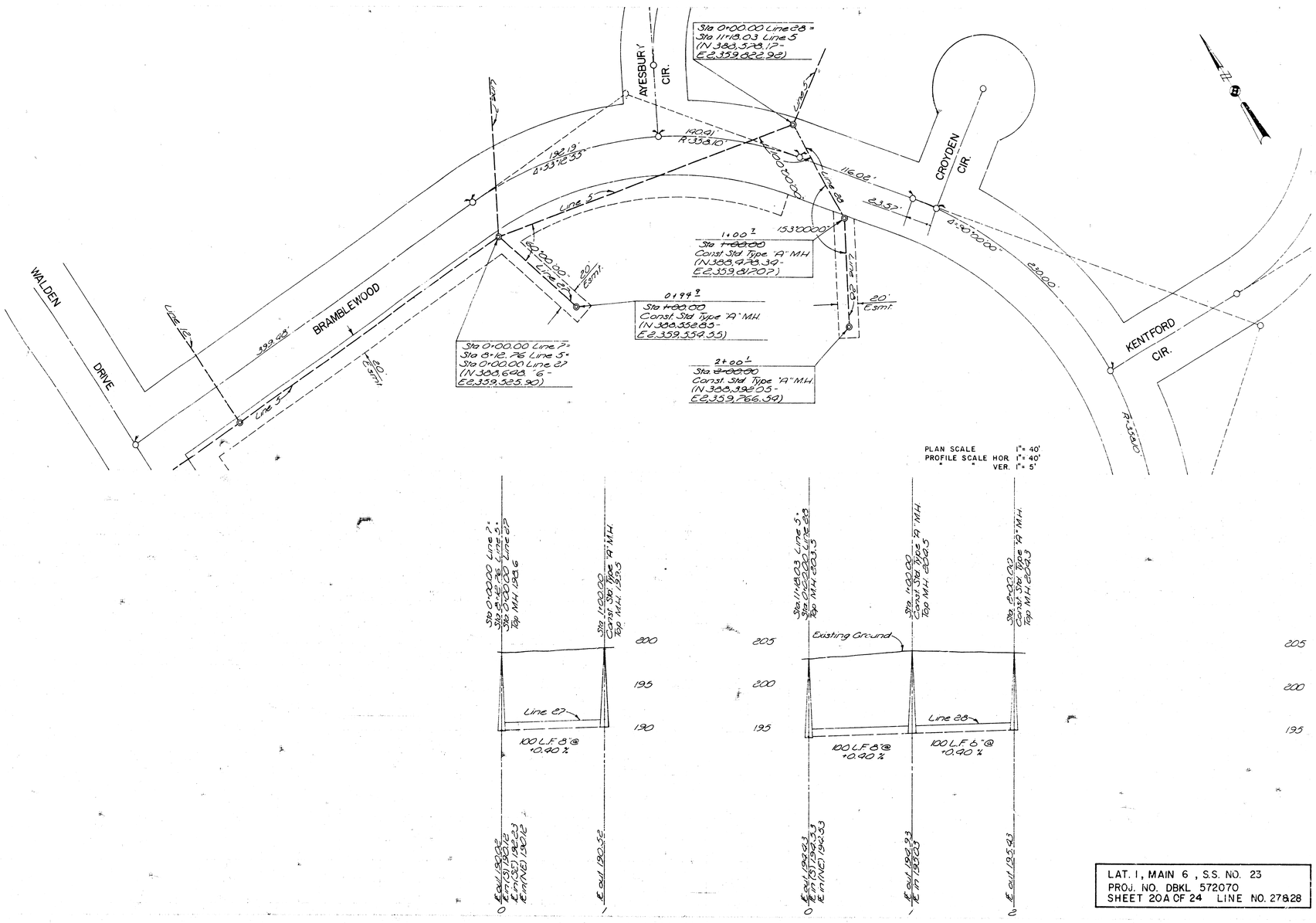


LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 17 OF 24 LINE NO. II & IIA

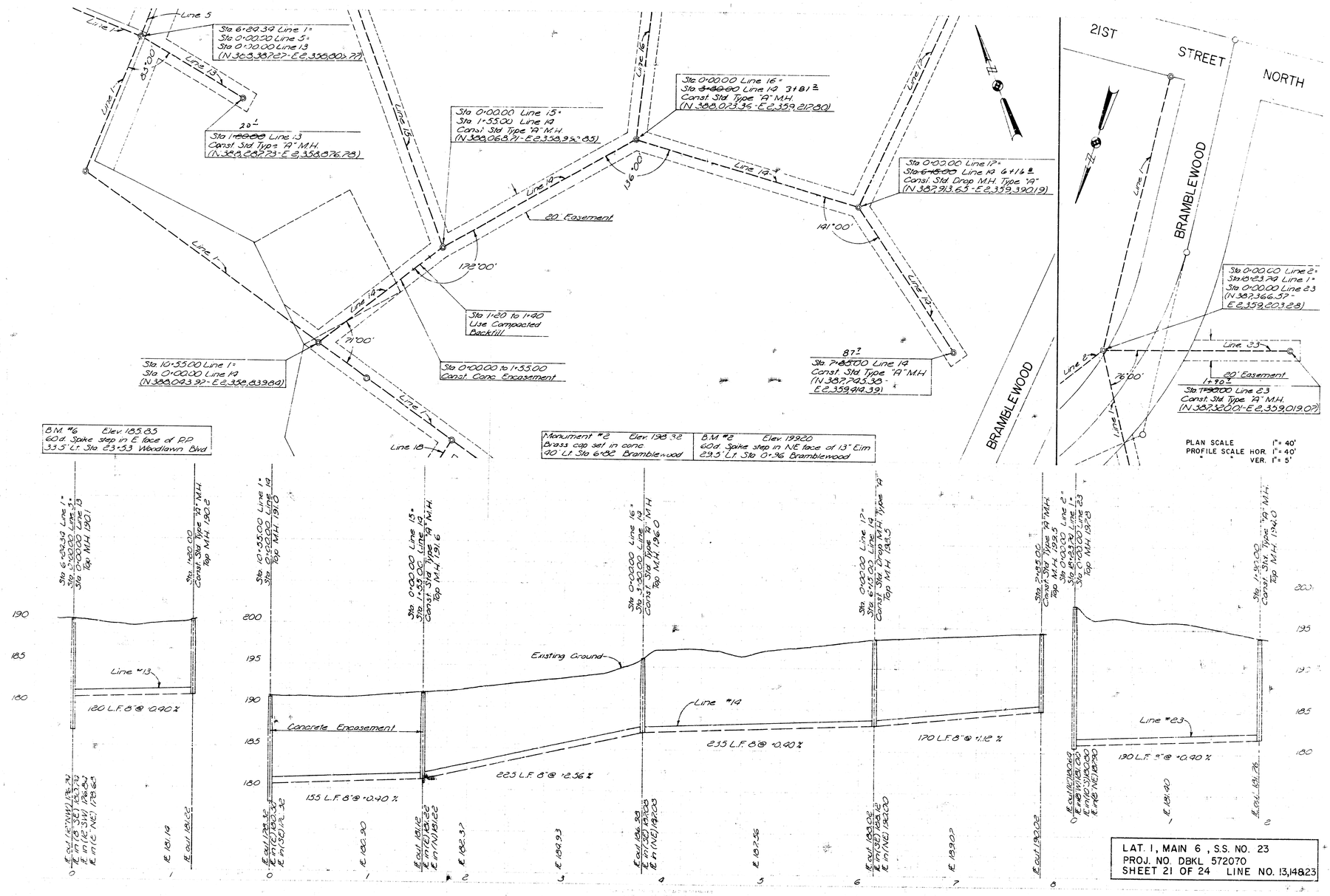

TRINITY CIRCLE
BAINBRIDGE ROAD
CAMERON CIRCLE
KANSAS GAS & ELECTRIC CO. EASEMENT
Sta. 18+41.72
Const. Std. Type "A" M.H.
(87,609.97 - 60,605.23)
Sta. 7+87.67
Const. Std. Type "A" M.H.
(87,227.29 - 59,931.17)
Sta. 11+67.67
Const. Std. Type "A" M.H.
(87,232.16 - 60,311.14)
Sta. 14+67.71
Const. Std. Type "A" M.H.
(87,236.01 - 60,611.16)
End Line 11
Line 11
PLAN SCALE 1" = 40'
PROFILE SCALE HOR. 1" = 40'
" " VER. 1" = 5'
B.M. #3 Elev. 210.51
60d bent spike step in W. face of 13" hedge,
56.0' Rt. Sta. 14+58, Bainbridge Road.
Top of Curb Bainbridge Road
Top of Curb Cameron Circle
Exist. Ground
Line 11
380 LF 8" @ +0.56 %
300 LF 8" @ +0.56 %
374 LF 8" @ +0.40 %
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 18 OF 24 LINE NO. 11


DRIVE
WALDEN
MAINSGATE
ROAD
BRAMBLEWOOD
Lot D
Lot C
Lot E
Lot F
Reserve C
Reserve D
17
Line 12
Line 5
Begin Line 12
Sta. 0+00 Line 12 = Sta. 5+05.20 Line 5
Const. Std. Type "A" M.H.
(88,641.52 - 59,218.39)
Sta. 1+78.69
Const. Std. Type "A" M.H.
Top M.H. 196.4
Sta. 5+14.14
Const. Std. Type "A" M.H.
(88,932.32 - 59,532.30)
Sta. 7+45.85
Const. Std. Type "A" M.H.
(89,008.36 - 59,751.18)
Sta. 10+16.49
Const. Std. Type "A" M.H.
(89,227.51 - 59,910.00)
Sta. 12+51.49
Const. Std. Type "A" M.H.
(89,412.82 - 59,765.49)
20.0' Esmt. Encl. Line 12
20.0 Ease.
B.M.#4 Elev. 197.89
60d bent spike step in SW face of 13" hedge 64' Rt. Sta. 21+35, Mainsgate Road.
PLAN SCALE 1"= 40'
PROFILE SCALE HOR. 1"= 40'
" " VER. 1"= 5'
Exist. Ground
Top of Curb Along Mainsgate
Top of Curb Along Walden
179 LF 8" @ +0.40 %
335 LF 8" @ +0.40 %
232 LF 8" @ +0.40 %
271 LF 8" @ +0.40 %
235 LF 8" @ +0.40 %
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 19 OF 24 LINE NO. 12


BRAMBLEWOOD
Sta 3+31.33 Line 3-
Sta 0+00.00 Line 24
(N 388,641.32 -
E 2,359,095.19)
Line 3
Line 24
Sta 0+00.00
Const Std Type 'A' M.H.
(N 388,923.60 -
E 2,359,311.30)
72 ft
25' Esmt
20' Esmt
Line 23
90.00'
+65 L
Sta 2+65.00 Line 23-
Sta 0+00.00 Line 25
Const Std Type 'A' M.H.
(N 388,825.53 -
E 2,359,238.10)
Sta 4+65.00
Const Std Type 'A' M.H.
(N 388,302.15 -
E 2,359,399.19)
07 ft
Line 25
Line 26
Sta 0+00.00
Const Std Type 'A' M.H.
(N 388,254.60 -
E 2,359,331.79)
03 ft
Sta 6+97.05 Line 29-
Sta 0+00.00 Line 26
Const Std Type 'A' M.H.
(N 388,254.60 -
E 2,359,331.79)
Sta 8+32.00
Const Std Type 'A' M.H.
(N 388,330.00 -
E 2,359,537.99)
82 ft
Sta 8+95.05
Const Std Type 'A' M.H.
(N 388,137.30 -
E 2,359,760.78)
94 ft
Sta 8+12.93
Const Std Type 'A' M.H.
(N 388,139.03 -
E 2,359,711.30)
18 ft
Line 27
102°18'51"
Line 29
Line 5
Line 24
Δ=33°00'00"
R=358.10'
235.31'
71.84'
Δ=38°29'06"
600.60'
WALDEN
DRIVE
Δ=40°00'00"
250.00'
199.66'
NEWBURY
CIRCLE
BRAMBLEWOOD
Existing Ground
Line 24
Line 26
Line 25
Line 27
265 L.F. 8" @ 0.80 %
190 L.F. 8" @ 0.80 %
139 L.F. 8" @ 0.80 %
214 L.F. 8" @ 3.20 %
75 L.F. 8" @ 1.00 %
70 L.F. 8" @ 0.60 %
80 L.F. 8" @ 1.00 %
Sta 3+31.33 Line 3
Sta 0+00.00 Line 24
Top M.H. 196.6
Sta 0+00.00 Line 23
Sta 2+65.00 Line 23
Const Std Type 'A' M.H.
Top M.H. 196.2
Sta 0+00.00 Line 23
Const Std Type 'A' M.H.
Top M.H. 193.8
Sta 0+00.00 Line 26
Sta 6+97.05 Line 29
Const Std Type 'A' M.H.
Top M.H. 196.2
Sta 0+00.00 Line 29
Const Std Type 'A' M.H.
Top M.H. 202.5
Sta 0+32.00 Line 29
Const Std Type 'A' M.H.
Top M.H. 203.0
Sta 0+00.00 Line 25
Const Std Type 'A' M.H.
Top M.H. 196.2
Sta 0+32.00 Line 25
Const Std Type 'A' M.H.
Top M.H. 196.5
Sta 0+00.00 Line 26
Sta 0+32.00 Line 26
Top M.H. 202.00
Sta 0+32.00 Line 26
Const Std Type 'A' M.H.
Top M.H. 203.0
205
200
195
190
185
180
0
1
2
3
4
5
6
7
8
9
PLAN SCALE 1" = 40'
PROFILE SCALE HOR 1" = 40'
" " VER. 1" = 5'
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 20 OF 24 LINE NO. 24,25&26



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 20A OF 24 LINE NO. 27&28



LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 21 OF 24 LINE NO. 13,14&23

WALDEN

DRIVE

BRAMBLEWOOD

50 ±
Sta 3+59.00 Line 15
Const. Std Type "A" M.H.
(N 388,391.71-
E 2,359,077.52)

Line 15

136°00'

80 ±
Sta 2+89.00 Line 15
Const. Std Type "A" M.H.
(N 388,347.01-E 2,359,023.65)

+/- ±
Sta 2+45.00 Line 17
Const. Std Type "A" M.H.
(N 388,093.59-
E 2,359,361.98)

93 ±
Sta 1+45.00 Line 16
Const. Std Type "A" M.H.
(N 388,193.83-E 2,359,238.79)

Line 16

Line 17

99°00'

20' Easement

Line 14

Line 18

100°00'

60°30'

Sta 3+80.00 Line 14 =
Sta 0+00.00 Line 16
(N 388,023.36-E 2,359,217.80)

Sta 6+15.00 Line 14 =
Sta 0+00.00 Line 17
(N 387,913.65-E 2,359,390.19)

Sta 1+35.00 Line 14
Sta 0+00.00 Line 15
(N 388,068.71-E 2,358,992.85)

Monument #2 Elev 198.02	B.M. #2 Elev 193.20
Brass cap set in conc.	60 d. Spike 3.40 in NE face of 13" Elm
90' Lt. Sta 6+82 Bramblewood	29.5' Lt. Sta 0+96 Bramblewood

45 ±
Sta 1+25.00 Line 19
Const. Std Type "A" M.H.
(N 387,793.61-E 2,359,111.85)

Sta 13+25.00 Line 1 =
Sta 0+00.00 Line 19
(N 387,803.98-E 2,359,967.36)

20' Easement

Line 19

Line 1

117°30'

52°00'

Sta 3+05.00 Line 19
Const. Std Type "A" M.H.
(N 387,696.19-
E 2,359,173.36)

Line 20

PLAN SCALE 1" = 40'
PROFILE SCALE HOR 1" = 40'
" " VER. 1" = 5'

Sta 1+35.00 Line 14
Sta 0+00.00 Line 15
Top M.H. 196.6

Sta 2+80.00
Const. Std Type "A" M.H.
Top M.H. 194.2

Sta 3+35.00
Const. Std Type "A" M.H.
Top M.H.

Line "15"

280 L.F. 8"@ +0.40 %

70 L.F. 8" @ +0.40 %

E out 191.12
E in (N) 191.22
E in (E) 191.22

E 191.62

E 192.02

E out 192.32
E in 192.98

E out 192.72

Sta 3+80.00 Line 14 =
Sta 0+00.00 Line 16
Top M.H. 196.0

Sta 1+45.00
Const. Std Type "A" M.H.
Top M.H. 193.10

Line "16"

145 L.F. 8"@ +1.00 %

E out 196.93
E in (NE) 193.23
E in (SE) 193.03

E 193.03

E out 193.53

Sta 6+15.00 Line 14 =
Sta 0+00.00 Line 17
Top M.H. 193.3

Sta 6+45.00
Const. Std Type "A" M.H.
Top M.H. 196.3

Existing Ground

Line "17"

215 L.F. 8"@ +0.92 %

E out 193.02
E in (NE) 190.22
E in (SE) 190.12

E 190.92

E out 191.32

E 191.84

E out 191.98

Sta 13+25.00 Line 1 =
Sta 0+00.00 Line 19
Top M.H. 197.6

Sta 1+45.00
Const. Std Type "A" M.H.
Top M.H. 193.5

Sta 3+55.00
Const. Std Type "A" M.H.
Top M.H. 193.3

Line "19"

195 L.F. 8"@ +1.12 %

160 L.F. 8"@ +1.12 %

E out (8"NW) 193.42
E in (E) 193.52
E in (12"SE) 193.40

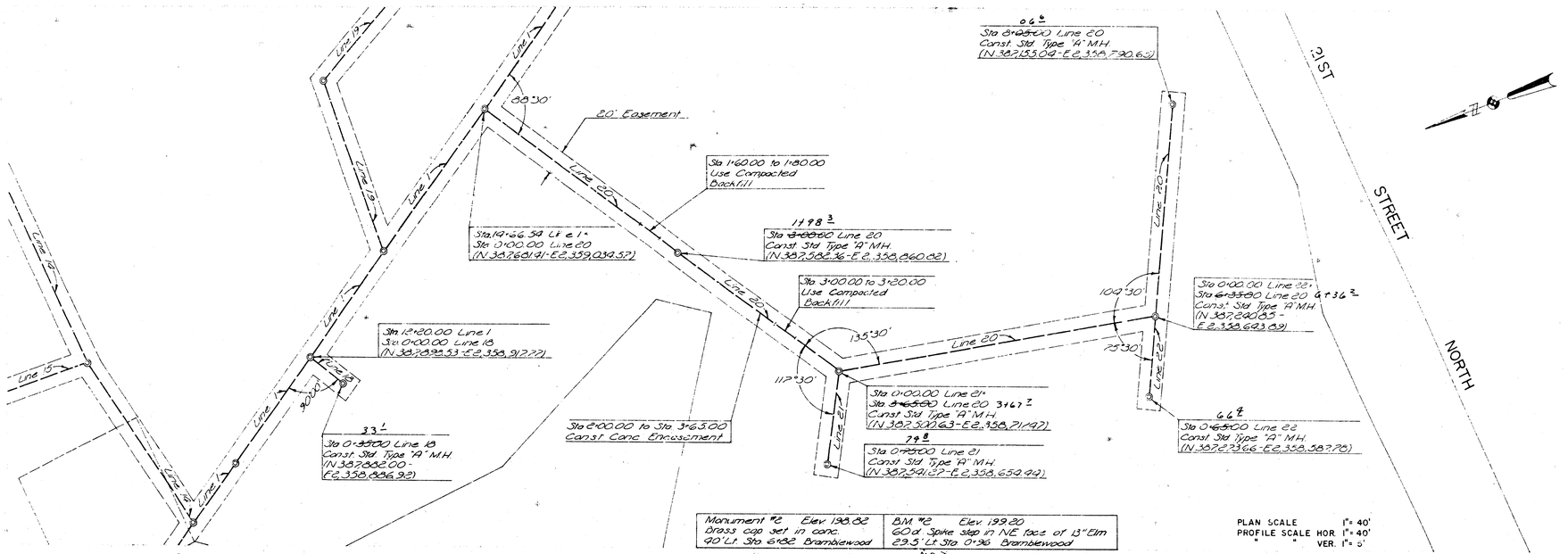
E 193.26

E out 193.76
E in 194.36

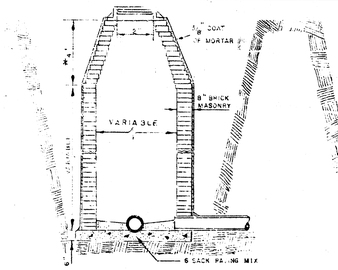
E 193.46

E out 194.65

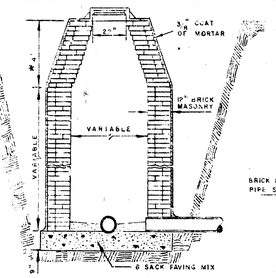
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO DBKL 572070
SHEET 22 OF 24 LINE NO. 15,16,17&19



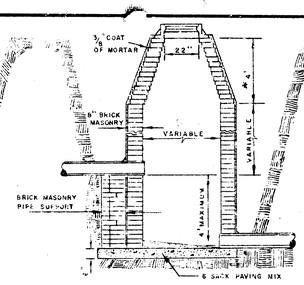
LAT. 1, MAIN 6, S.S. NO. 23
PROJ. NO. DBKL 572070
SHEET 23 OF 24 LINE NO. 18,20,21&22



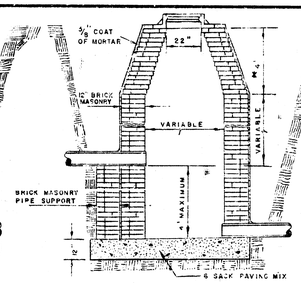
STANDARD MANHOLE
TYPE "A"



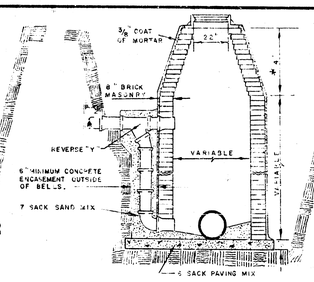
STANDARD MANHOLE
TYPE "B"



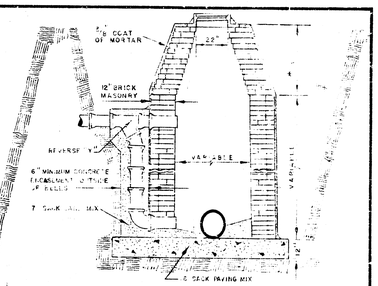
DROP MANHOLE
TYPE "A"



DROP MANHOLE
TYPE "B"



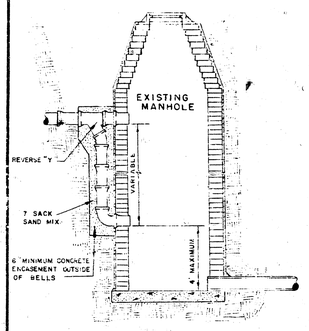
OUTSIDE DROP MANHOLE
TYPE "A"



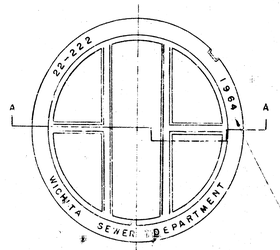
OUTSIDE DROP MANHOLE
TYPE "B"

* DRAW = 6' ON 5' DIA. M.H.

ALL "STUB-OUT LINES" FROM MANHOLES ARE TO BE PLUGGED TO PREVENT WATER INFILTRATION. ALL SERVICE LINE "STUB-OUTS" FROM MANHOLES SHALL BE INCIDENTAL TO STD. 4' DIA. MANHOLE.

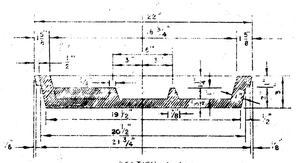


DETAIL OF DROP STACK
FOR EXISTING MANHOLES IN GROUND WATER



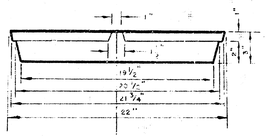
TOP VIEW

MANHOLE COVER
WEIGHT 110 lbs.



SECTION A-A

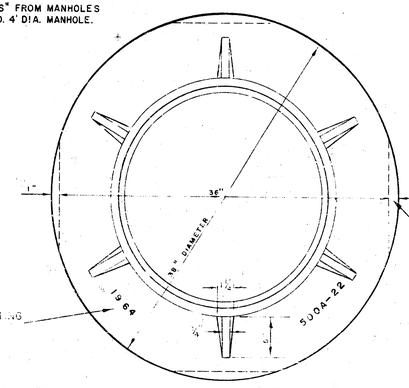
MANHOLE COVER



SIDE VIEW

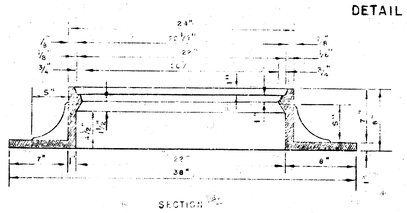
MANHOLE COVER

YEAR CASTING IS MADE



TOP VIEW

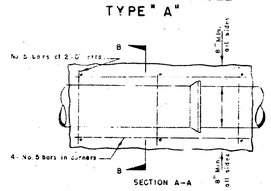
MANHOLE RING
WEIGHT 359 lbs.



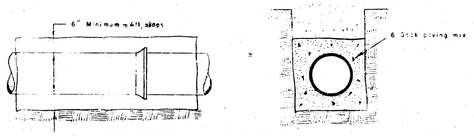
SECTION

MANHOLE RING

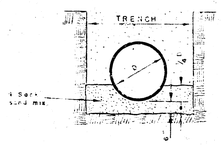
OUTSIDE CIRCUMFERENCE OF COVER AND THE INNER FACE AND SEAT OF RING TO BE MACHINE FIT.



REINFORCED CONCRETE ENCASEMENT
FOR STRENGTH



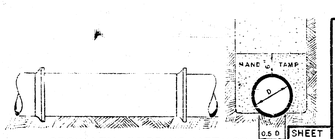
CONCRETE ENCASEMENT
FOR COVER



DETAIL OF CONCRETE CRADLE



ORDINARY BEDDING METHOD
FOR CLAY PIPE



ORDINARY BEDDING METHOD
FOR REINFORCED CONCRETE PIPE

MANHOLES

THE CONCRETE USED FOR MORTAR IN MANHOLES SHALL CONTAIN 6 SACKS OF CEMENT PER CUBIC YARD.

STANDARD MANHOLES AND DROP MANHOLES, REGARDLESS OF DIAMETER, SHALL BE BID AT ONE PRICE AS STANDARD MANHOLES.

SINGLE OR DOUBLE OUTSIDE DROP MANHOLES SHALL BE BID AT ONE PRICE AS OUTSIDE DROP MANHOLES.

ALL MANHOLES WITH PIPES LARGER THAN 24" SHALL BE 5' DIAMETER UNLESS OTHERWISE SPECIFIED ON PLAN, ALL M.H.S WITH PIPES 24" & SMALLER SHALL BE 4' DIA.

DETAILS OF
SEWER APPURTENANCES
ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN CITY ENGINEER

SHEET 24 OF 24

N 2 1964 1