LATERAL 18, MAIN 22, W.I.S.

PROJECT NO.

468-76-245-81239-000-000-001

CITY OF WICHITA, KANSAS

R.W. BRUGGEMAN, CITY ENGINEER

NOVEMBER, 1982

As Built

BENCHMARKS

B.M. #1:
Top of iron at the N.E. corner, Lot 5, Block 2
ELEVATION = 213.97'

B.M. #2:
Top of iron at the S.W. corner, Lot 10, Block 1
ELEVATION = 220.47'

B.M. #3:
Top of iron at the S.W. corner, Lot 1, Block 2
ELEVATION = 219.13'

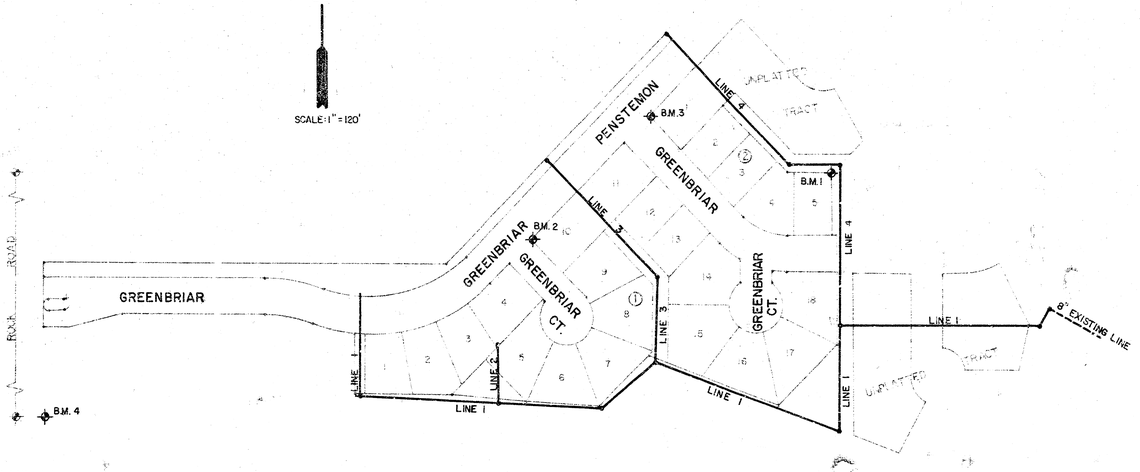
B.M. #4:
Railroad spike in power pole 200' ± S. of Greenbriar Street
ELEVATION = 222.44'

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

N

SCALE: 1" = 120'



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SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1
3	LINE 1
4	LINE 2
5	LINE 3 & LINE 4
6	PLAT

PENSTEMON - PHASE 1

MID-KANSAS ENGINEERING CONSULTANTS PA
262-5561
280 N. ROCK ROAD SUITE 245
WICHITA KANSAS 67206

1/6

1
6

PENSTEMON
LATERAL 18, MAIN 22
468-76-245-91239-000-000-001

N SCALE: 1"=40'

Sta. 0+35.4 - Line 1 - Const.
Std. Type "A" or "C" M.H.

EXIST. LINE 8" P.V.C.

Sta. 0+00.0 - Line 1 - Remove Existing 8" Plug - Const. Std. Type "A" MH. (8" Stub NE)

20' 15' Utility Easement 15'

5' N.89°06'30"E.

Sta. 4+07.2 - Line 1 = Sta. 0+00.0 - Line 4 - Const. Std. Type "A" or "C" MH.

Sta. 3+39.2 - Line 1 - Const. Std. Type "A" or "C" M.H.

Utility Easement 20'

Sta. 3+39.2 - Line 1 = Sta. 0+00.0 - Line 3 - Const. Std. Type "A" or "C" M.H.

20' Utility Easement 15'

17 16 15 18

GREENBRIAR CT.

RES. "E"

LINE 3

LINE 4

AS BUILT J.L.L. 8-83

PLAN LINE 1

PROFILE LINE 1

B.M. #1: Top of iron at the N.E. corner of Lot 5, Block 2 ELEVATION = 213.97'

Sta. 0+00.0 - Line/- Remove Existing 8" Plug - Const. Std. Type "A" MH. Top of MH. Elev. = 198.03

Sta. 0+35.4 - Line/- Const. Std. Type "A" or "C" MH. Top of MH. Elev. = 200.2± 2±

Sta. 4+07.2 - Line 1 = Sta. 0+00.0 - Line 4 - Const. Std. Type "A" or "C" MH. Top of M.H. Elev. = 208.9± 2±

Sta. 3+39.2 - Line 1 - Const. Std. Type "A" or "C" MH. Top of MH. Elev. = 211.4± 2±

Sta. 3+53.2 - Line 1 = Sta. 0+00.0 - Line 3 - Const. Std. Type "A" or "C" MH. Top of MH. Elev. = 213.9± 2±

Existing Ground

203 L.F. Existing 8" pipe @ 0.40 %

372.4 L.F. of 8" ABS, VCP, or PVC pipe @ 0.80 %

35.4 L.F. of 8" ABS, VCP, or PVC pipe @ 0.68 %

187.3 L.F. of 8" ABS, VCP, or PVC pipe @ 0.80 %

364.7 L.F. of 8" ABS, VCP, or PVC pipe @ 0.40 %

220 215 210 205 200 195

0 1 2 3 4 5 6 7 8 9 10

RE (OUT) SE = Exist. 192.10
RE (IN) SW. = 192.10
8" Stub NE = 198.10

RE (OUT) NE = 198.04±37
RE (IN) W = 198.44±40

RE (OUT) E = 201.52
RE (IN) S = 201.52

RE (IN) N = 204.57 (Line 4)

RE (OUT) N = 204.82±
RE (IN) NW = 205.42±

RE (OUT) SE = 206.89±
RE (IN) SW = 206.89±
RE (IN) N = 208.14 (Line 3)

2/6

vhs 81

PENSTEMON
LATERAL 18, MAIN 22
463-76-245-81239-000-000-001

N

SCALE: 1" = 40'

Sta. 10+39.0 - Line 1 Const.
Std. Type "A" "C" M.H.

Sta. 12+37.3 - Line 1 =
Sta. 0+00.0 - Line 2 - Const.
Std. Type "A" "D" M.H.

Sta. 15+ - Line 1 - Const.
Std. Type "A" "C" M.H.

Sta. 9+69.3 - Line 1 -
Sta. 0+00.0 - Line 3 - Const.
Std. Type "A" "C" M.H.

15' Utility Easement (Varies) 15'

30' Utility Easement

20' 2.84' 20' 5'

RES. "E"

RES. "D"

RES. "C"

RES. "B"

LINE 2

LINE 3

10' Utility Easement

20' Drng. Esmt.

Utility Esmt.

Sta. 1+07.8 - Line 2 - Const.
Std. Type "A" "C" M.H.
(4" Stub N.)

GREENBRIAR CT.

GREENBRIAR

Future Water line

Sta. 17+27.1 - Line 1 - Install
8" Plug

1 2 3 4 5 6 7 8

15' 5'

REC.

PLAN LINE 1 & LINE 2

PROFILE LINE 1

Sta. 9+69.3 - Line 1 =
Sta. 0+00.0 - Line 3 - Const.
Std. Type "A" "C" M.H.
Top of M.H. Elev. = 217.5

Sta. 10+39.0 - Line 1 Const.
Std. Type "A" "C" M.H.
Top of M.H. Elev. = 209.8

Sta. 12+37.3 - Line 1 =
Sta. 0+00.0 - Line 2 - Const.
Std. Type "A" "D" M.H.
Top of M.H. Elev. = 212.5

Sta. 15+ - Line 1 - Const.
Std. Type "A" "C" M.H.
Top of M.H. Elev. = 210.8

Sta. 17+27.1 - Line 1 - Install
8" Plug
Elev. @ Plug = 210.7

220
215
210
205

Existing Ground

133.2 L.F. of 8" ABS, PVC, or VCP pipe @ 0.4 %

194.6 L.F. of 8" ABS, PVC, or VCP pipe @ 0.4 %

257.8 L.F. of 8" ABS, PVC, or VCP pipe @ 0.4 %

182 L.F. of 8" ABS, PVC, or VCP pipe @ 0.40 %

9 10 11 12 13 14 15 16 17

PROFILE LINE 2

Sta. 0+00.0 - Line 2 =
Sta. 12+81.8 - Line 1 - Const.
Std. Type "A" "C" M.H.
Top of M.H. Elev. = 211.8

Sta. 1+07.8 - Line 2 - Const.
Std. Type "A" "C" M.H.
Top of M.H. Elev. = 217.3
4" Stub (N.)

220
215
210
205

Existing Ground

107.8 L.F. of 8" ABS, PVC, or VCP pipe @ 0.9%

0 1

B.M. #2:
Top of iron at the S.W. corner of Lot 10, Block 1
ELEVATION = 220.37'

B.M. #4:
Railroad spike in power pole 200' ± S. of Greenbriar Street.
ELEVATION = 222.44'

3/6

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PENSTEMON
LATERAL 18, MAIN 22
468-76-245-81239-000-000-001

Sta. 3+00.0 - Line 3=
Sta. 3+59.8 - Line 1 - Const.
Std. Type ~~"A"~~ "C" MH.

LINE 1

LINE 1

RES. "E"

7

8

9

10

15

14

13

12

11

10' Utility Esmt.

20' Utility Esmt.

10' Utility Esmt.

GREENBRIAR

Future Water line

"B"

RESERVE

5'

5'

5'

5'

15'

15'

10'

10'

79.8'

162.7'

Sta. 4+~~00.0~~ 71.8 - Line 3 - Const.
Std. Type ~~"A"~~ "C" MH.
8" Stub (N.W.)

Sta. 1+55.8 - Line 3 - Const.
Std. Type ~~"A"~~ "C" M.H.

N SCALE: 1"=40'

As Built
J.L.L.
8-83

B.M. #2:
Top of iron at the S.W. corner of Lot 10, Block 1
ELEVATION = 220.47'

PLAN LINE 3

PROFILE LINE 3

Sta. 0+00.0 - Line 3=
Sta. 3+59.8 - Line 1 Const.
Std. Type ~~"A"~~ "C" MH.
Top of M.H. Elev. = 217.85 41

Sta. 1+55.8 - Line 3 = Const.
Std. Type ~~"A"~~ "C" MH.
Top of M.H. Elev. = 214.25

Sta. 4+~~00.0~~ 71.8 - Line 3 - Const.
Std. Type ~~"A"~~ "C" MH.
Top of M.H. Elev. = 220.05
8" Stub (N.W.)

Existing Ground

155.3 L.F. of 8" ABS, PVC, or VCP pipe @ 0.40 %

286.0 L.F. of 8" ABS, PVC, or VCP pipe @ 0.90 %

220
215
210

0 1 2 3 4

FE (OUT) SE = 209.46
FE (IN) SW = ~~209.46~~
FE (IN) NE = 209.44
209.91

5.5

FE (OUT) SW = 208.76
FE (IN) NW = 208.66
208.61

5.8

209.01

4.9

209.11

7.0

FE (OUT) SE = 210.66
Stand NW = 210.56
C.S.

4/6

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PENSTEMON
LATERAL 18, MAIN 22
468-76-245-31239-000-000-001

N SCALE: 1" = 40'

18

20' Utility Easement

LINE 1

GREENBRIAR

PENSTEMON

RESERVE "B"

10' Utility Esmt.

Utility Easement

Sta. 0+00.0 - Line 4 =
Sta. 4+07.8 - Line 1 - Const.
Std. Type "~~A~~C" M.H.

Sta. 2+84.0 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.

Sta. 3+76.2 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.

Sta. 6+99.3 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.
8" Stub (NW)

As Built
J.L.L.
8-83

B.M. #1:
Top of iron at the N.E. corner of lot 5, Block 2
ELEVATION = 213.97'

B.M. #2:
Top of iron at the S.W. corner of Lot 1, Block 2
ELEVATION = 219.13'

PLAN LINE 4

PROFILE LINE 4

Sta. 0+00.0 - Line 4 - Const.
Sta. 4+07.8 - Line 1 - Const.
Std. Type ~~"A"~~ "C" M.H.
Top of M.H. Elev. = 213.97

Sta. 2+84.0 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.
Top of M.H. Elev. = 214.29

Sta. 3+76.2 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.
Top of M.H. Elev. = 215.97

Sta. 6+99.3 - Line 4 - Const.
Std. Type ~~"A"~~ "C" M.H.
Top of M.H. Elev. = 219.13
8" Stub (NW)

Existing Ground

284.0 L.F. of 8" ABS, PVC, or VCP pipe @ 0.40 %

98.2 L.F. of 8" ABS, PVC, or VCP pipe @ 0.60 %

321.9 L.F. of 8" ABS, PVC, or VCP pipe @ 0.80 %

220
215
210
205
200

0 1 2 3 4 5 6 7

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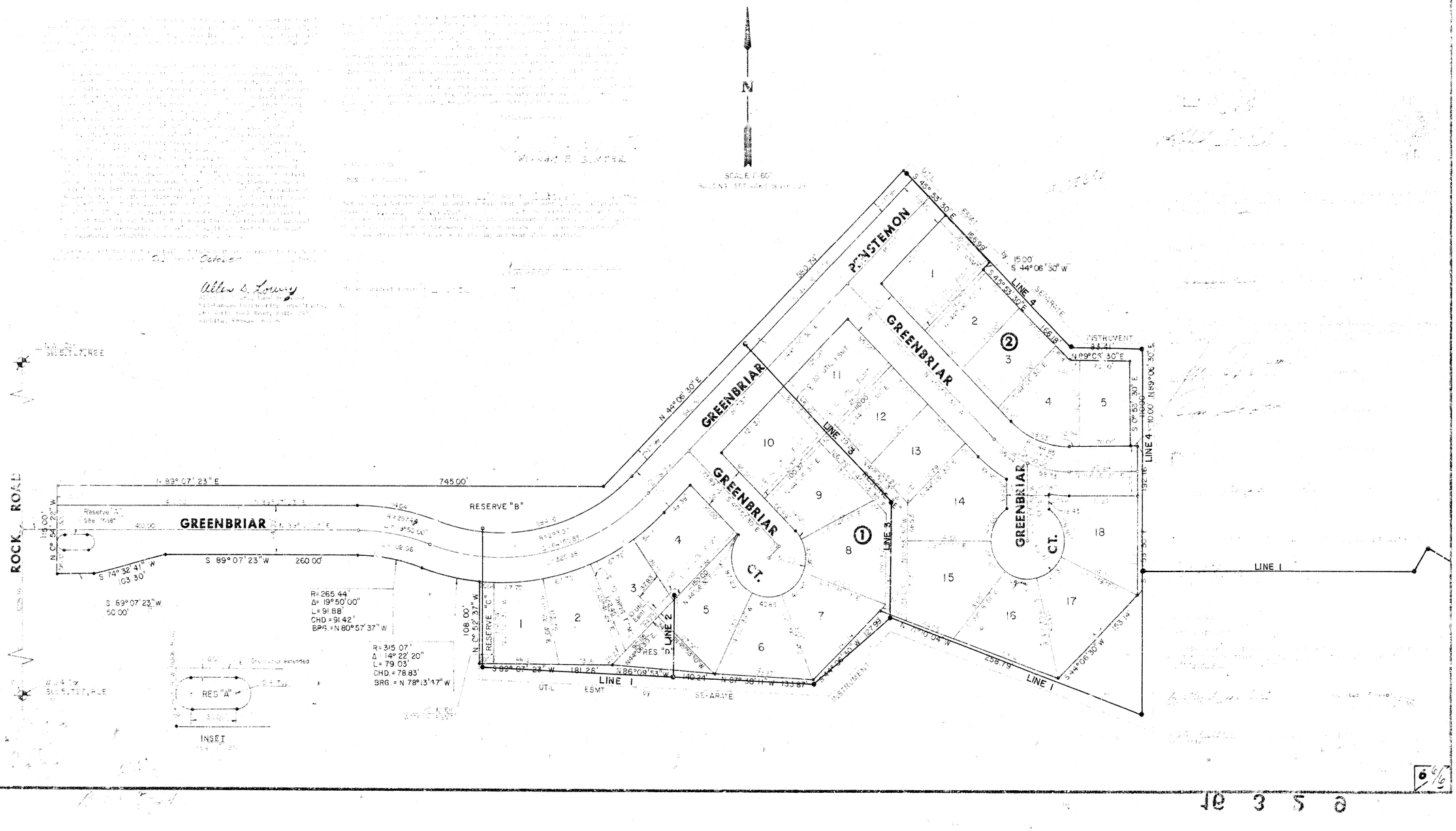
FINAL PLAT OF

PENSTEMON

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



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