Survey F.J.R. Bk 26
Plan D.E.C.
Exc D.E.C.
Checked J.

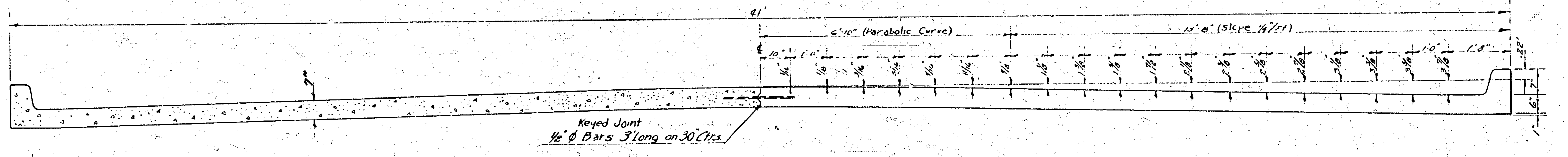
TYPICAL SECTION

41'-7" CONCRETE

GREENWAY B'L'V'D

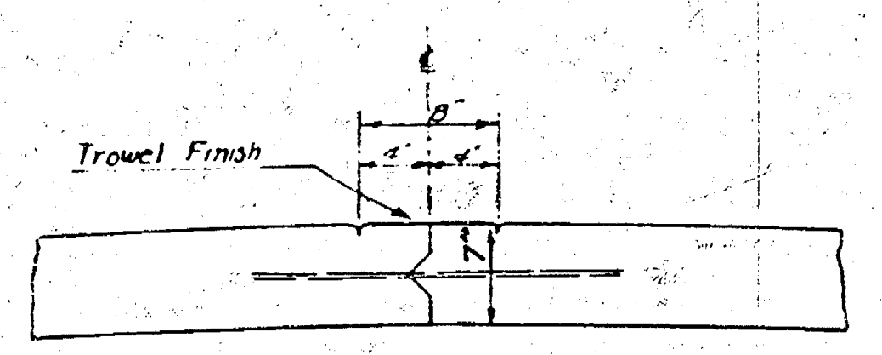
N.L. MT. VERNON TO N.L. SKINNER

PROJ. NO.S C14-264 & C14-265


41'
6'-10" (Parabolic Curve)
13'-8" (Slope 1/4"/ft)
7"
6"
Keyed Joint
1/2" ϕ Bars 3' Long on 30" Ctrs.

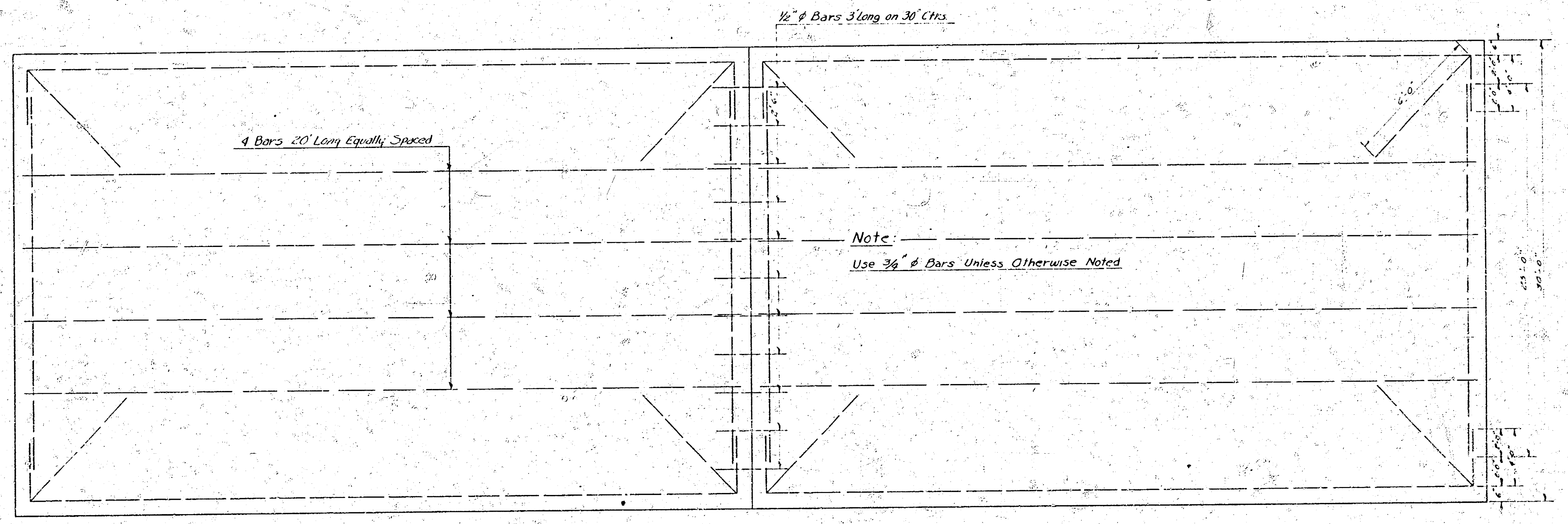
TYPICAL SECTION

NO SCALE


Trowel Finish
8"
4"
4"
7"

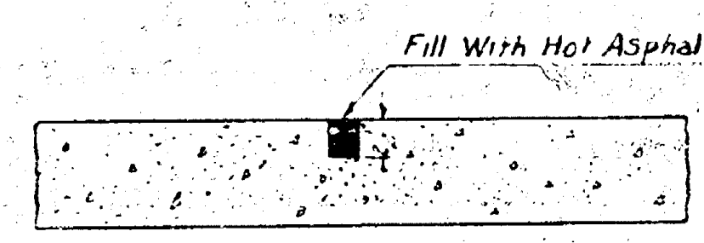
DETAIL OF KEYED JOINT

NO SCALE


1/2" ϕ Bars 3' Long on 30" Ctrs.
4 Bars 20' Long Equally Spaced
6'-0"
Note:
Use 3/4" ϕ Bars Unless Otherwise Noted

STEEL PATTERN

NO SCALE


Fill With Hot Asphalt

DETAIL OF CONTRACTION JOINT

NO SCALE

B. E. SMITH
436

1/5

B.M. 101.80 Top Iron In Conc. Mon. 27.5' W. Of P.C. Iron ¢ Greenway & 437± N. ¢ Mt. Vernon
B.M. 103.71 N.W. Cor. Conc. Porch Ho. # ~~824~~ 842 Greenway Ct.

Chain N. on ¢

TIES TO P.C. IRON AT STA. 4+37.45
1. 27.5' W. To Pipe In Conc. Mon.
2. 43.5' S.E. To Block Bldg

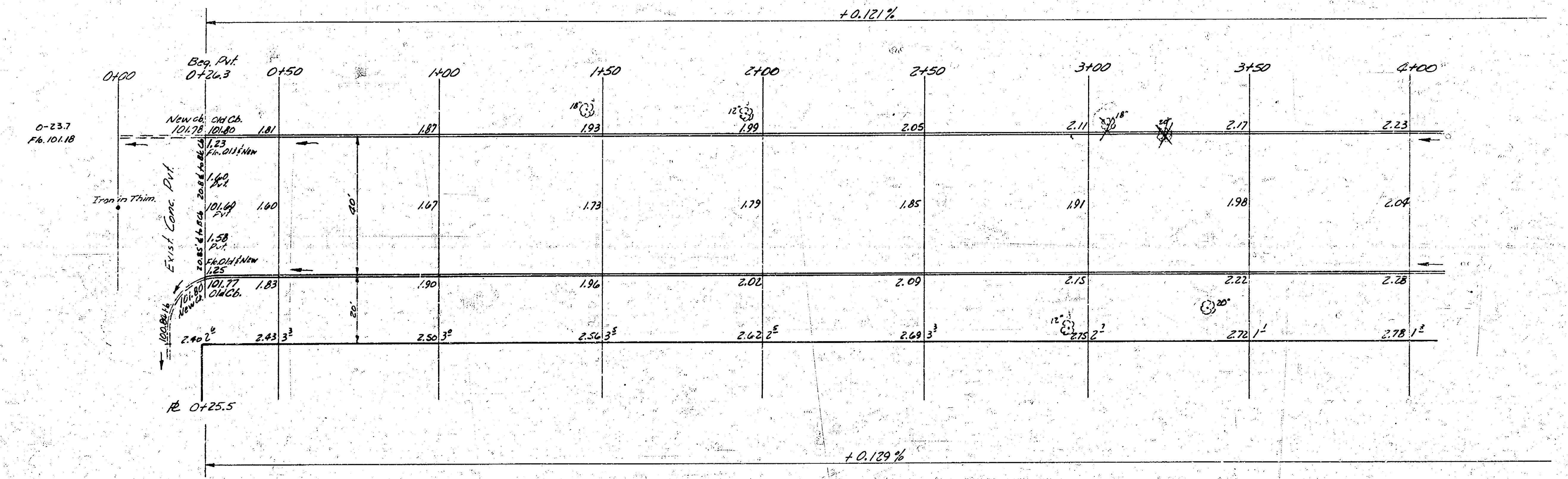
Survey F.J.R. Bk R-G
Plan D.E.C.
Exc D.E.C.
Checked

Grand Total Excav.

Widening
623.9
1.5
625.4
+10% 62.5
Total 687.9 cu. yds.

Prop.
1671.6
+10% 167.2
Total 1838.8 cu. yds.

City
56.6
8.2
64.8
+10% 6.5
Total 71.3 cu. yds.



+0.121%
0+00
Beg. Pvt. 0+26.3
0+50
1+00
1+50
2+00
2+50
3+00
3+50
4+00
0-23.7
Flo. 101.18
New cb. 101.78
Old Cb. 101.80
1.81
1.87
1.93
1.99
2.05
2.11
2.17
2.23
1.23
Flo. Old & New
1.60
Pvt.
101.69
Pvt.
1.58
Pvt.
Flo. Old & New
1.25
20.85' ¢ to B.Cb
20.8' ¢ to Bk Cb
Iron in Thim.
Exist. Conc. Pvt.
40'
20'
1.60
1.67
1.73
1.79
1.85
1.91
1.98
2.04
101.77
Old Cb.
101.80
New Cb.
100.84
1.83
1.90
1.96
2.02
2.09
2.15
2.22
2.28
2.40 2.6
2.43 3.3
2.50 3.0
2.56 3.5
2.62 2.5
2.69 3.3
2.75 2.7
2.72 1.1
2.78 1.3
18"
12"
18"
24"
12"
20"
℞ 0+25.5
+0.129%

WK. 0.6' Sta. 0+26.3 to Sta 3+00

Grad. Wk 0.6' to 0.5'
Sta 3+00 to 3+50

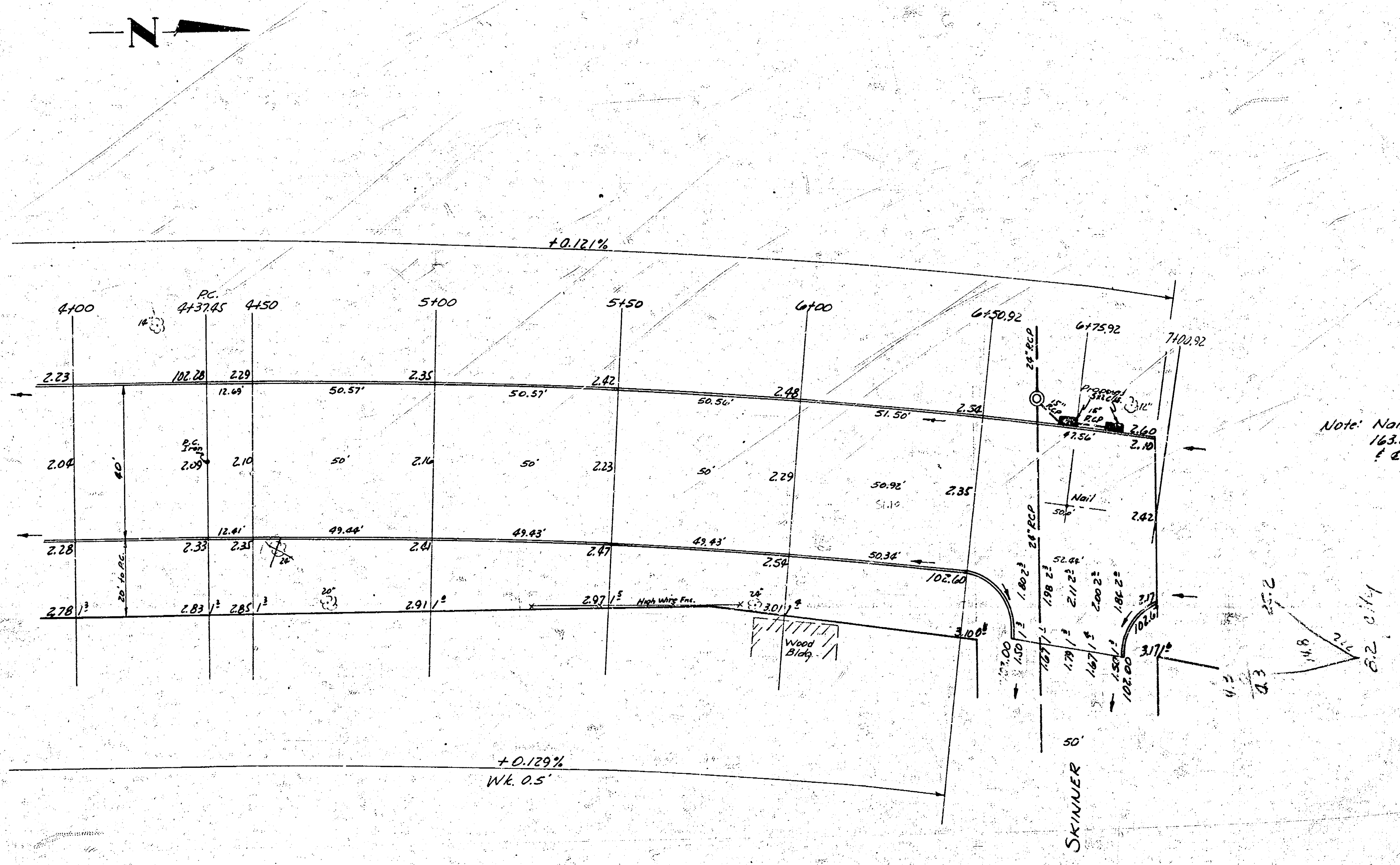
2
5

B.E. SMITH
LICENSED
436
KANSAS
PROFESSIONAL ENGINEER

GREENWAY B'L'V'D
N.L. MT. VERNON - N.L. SKINNER
7"-40' CONC. & CB.
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
OCT. 1954 PROJ. NO'S. C14-264 & C14-265

Excav.

City
8.2 Cu.yds.


N
+0.121%
4+00
P.C.
4+37.45
4+50
5+00
5+50
6+00
6+50.92
6+75.92
7+00.92
2.23
102.28
2.29
2.35
2.42
2.48
2.54
2.60
2.10
12.69'
50.57'
50.57'
50.56'
51.50'
47.56'
P.C. Iron
2.04
40'
2.09
2.10
50'
2.16
50'
2.23
50'
2.29
50.92'
2.35
Nail
50.0'
2.42
12.41'
49.44'
49.43'
49.43'
50.34'
2.28
2.33
2.35
2.41
2.47
2.54
102.60
20' to P.C.
2.78
2.83
2.85
2.91
2.97
High Wire Fnc.
3.01
3.10
Wood Bldg.
24" RCP
15" RCP
15" RCP
Proposed 3x2 C.B.
12"
52.44'
1.80
1.98
2.11
2.00
1.86
3.17
102.61
102.00
1.50
1.67
1.79
1.67
1.50
102.00
3.17
50'
SKINNER
+0.129%
Wk. 0.5'
25.2
14.8
8.2 c.y.
4.3

Note: Nail at ℄ Greenway ℄ & ℄ Skinner is 163.85' W. of Iron at ℄ Skinner ℄ & Silver.

CURVE DATA STA. 4+37.45 TO STA. 7+00.92 - STA. ON ℄

TOTAL CURVE P.C. TO P.C.C. Δ = 14°24' ℄ RAD. = 1764.29'

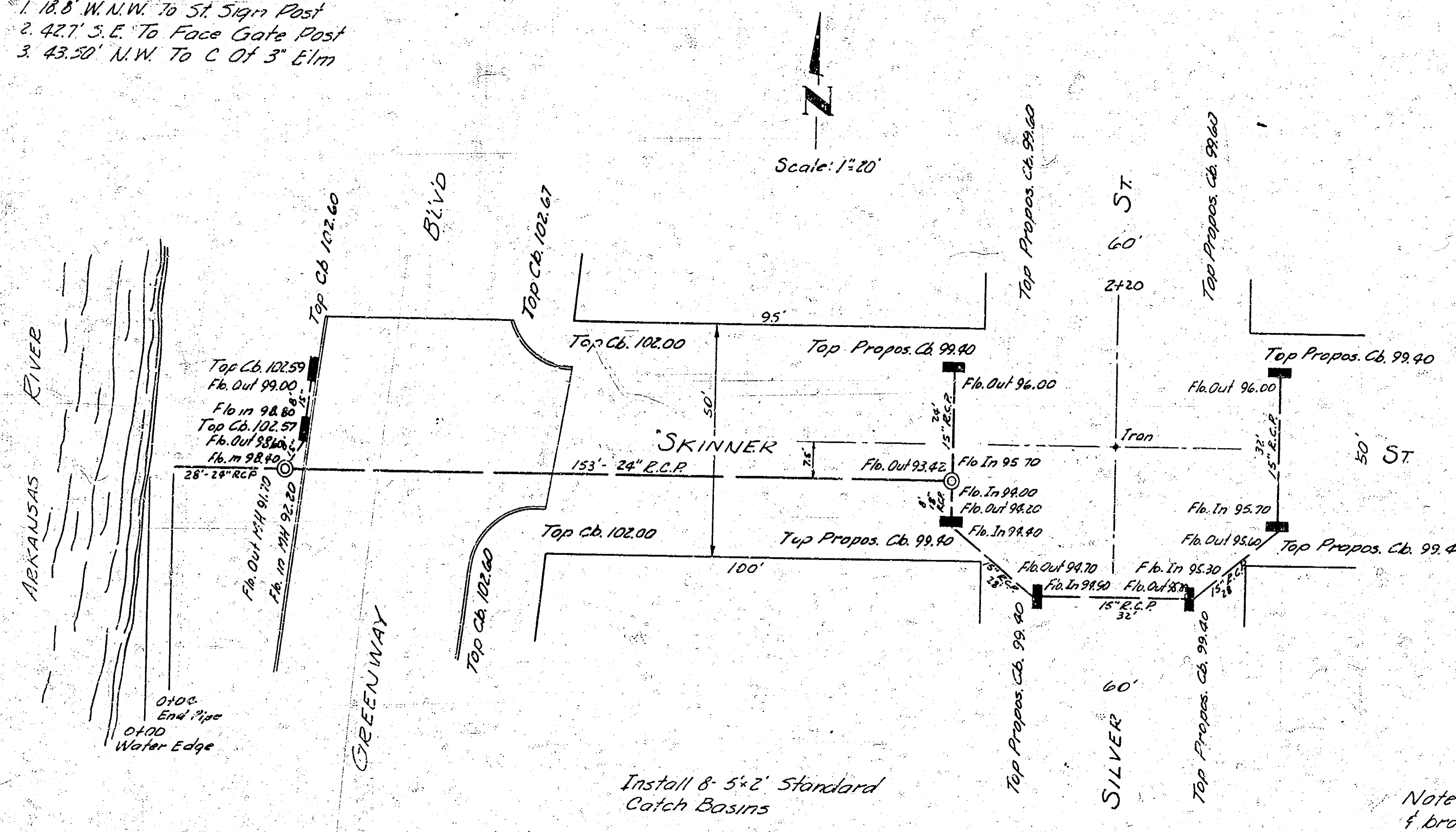
CURVE DATA FOR 6.0' OFFSET FROM E. C.B. Δ = 8°33'26" RAD: 1738.29'

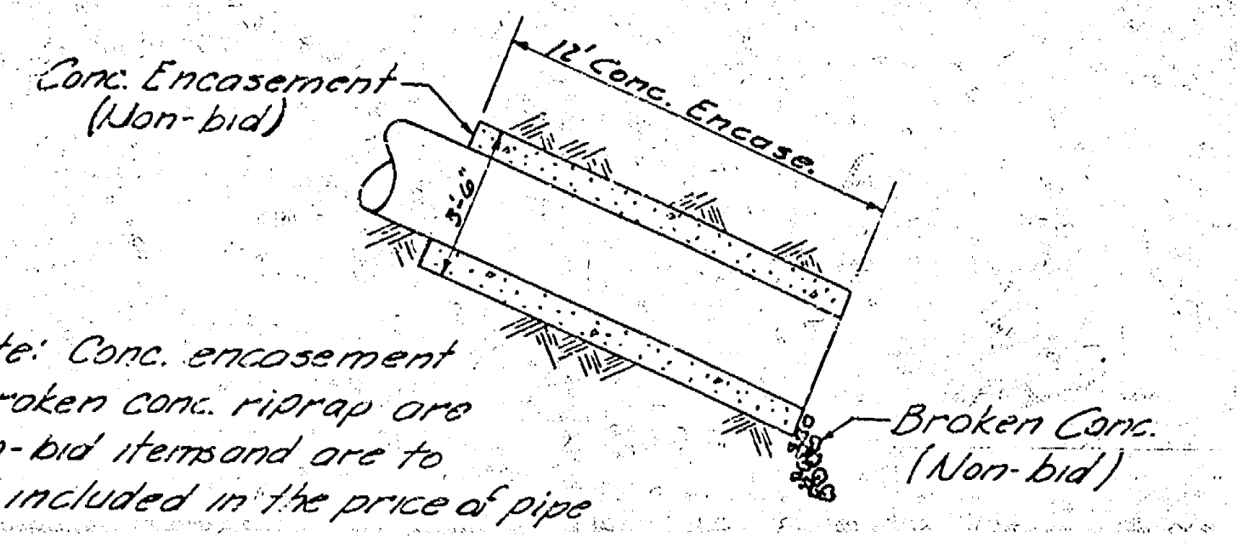
STA.	ARC LENGTH	CHORD 6.0' OFFSET E. C.B.	CHORD 6.0' OFFSET W. C.B.	DEFLECT. ∡	TOTAL DEFLECT.
4+37.45 P.C.					
4+50	12.37'	12.37	12.88'	0° 12' 14"	0° 12' 14"
5+00	49.26'	49.26'	50.74'	0° 48' 43"	1° 00' 57"
5+50	49.26'	49.26'	50.74'	0° 48' 43"	1° 49' 40"
6+00	49.26'	49.26'	50.74'	0° 48' 43"	2° 38' 23"
6+50.92	50.17'	50.17'	51.67'	0° 49' 36"	3° 27' 59"
6+75.92	24.63'	24.63'	25.36'	0° 24' 22"	3° 52' 21"
7+00.92	24.63'	24.63'	25.36'	0° 24' 22"	4° 16' 43"

Survey C.H.M. Bk 87
Plan O.E.C.
Exc
Checked

B.M. 101.41 "G" In Globe E. End N.E. Return Mt. Vernon & Greenway
B.M. 100.35 "□" On C Of Wk. E., S.E. Cor. Silver & Skinner

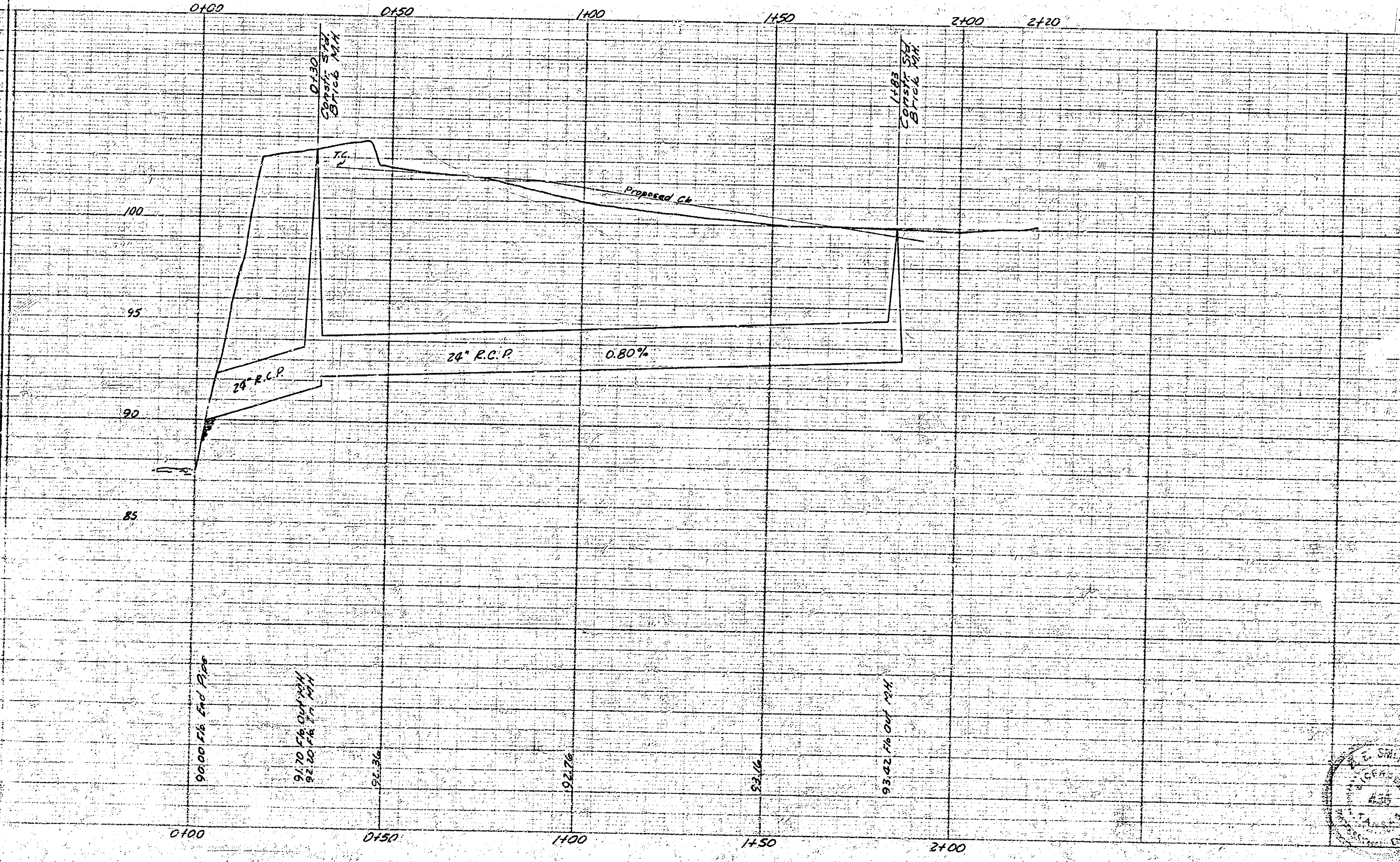
Ties: Iron & Skinner & Silver
1. 18.8' W.N.W. To St. Sign Post
2. 42.7' S.E. To Face Gate Post
3. 43.50' N.W. To C Of 3" Elm


N
Scale: 1"=20'
Arkansas River
Greenway B'l'v'd
Top Cb. 102.60
Top Cb. 102.67
Top Cb. 102.59
Fb. Out 99.00
Flo in 98.80
Top Cb. 102.57
Fb. Out 98.60
Fb. in 98.40
28'-24" RCP
Fb. Out MH 91.70
Fb. in MH 92.20
0+00 End Pipe
0+00 Water Edge
Top Cb. 102.00
Top Cb. 102.00
Top Cb. 102.60
Skinner
153'- 24" R.C.P.
95'
50'
100'
7.5'
Top Propos. Cb. 99.40
Fb. Out 96.00
24' 15" R.C.P.
Flo. Out 93.42
Flo In 95.70
Flo. In 94.00
Flo. Out 94.20
Flo. In 94.40
8' 18" R.C.P.
Top Propos. Cb. 99.40
Flo. Out 94.70
Flo. In 94.90
15" R.C.P. 28'
15" R.C.P. 32'
Flo. In 95.30
Flo. Out 95.10
15" R.C.P. 28'
Top Propos. Cb. 99.60
Top Propos. Cb. 99.60
St. 60'
2+20
Iron
Top Propos. Cb. 99.40
Flo. Out 96.00
32' 15" R.C.P.
Flo. In 95.70
Flo. Out 95.60
Top Propos. Cb. 99.40
50' St.
Top Propos. Cb. 99.40
Top Propos. Cb. 99.40
60'
Silver
Install 8- 5'x2' Standard Catch Basins


Conc. Encasement (Non-bid)
12' Conc. Encase.
3'-6"
Broken Conc. (Non-bid)

Note: Conc. encasement & broken conc. riprap are non-bid items and are to be included in the price of pipe

DETAIL OF PIPE AT RIVER OUTFALL No Scale


0+00
0+50
1+00
1+50
2+00
2+20
0+30 Constr. Std. Brick M.H.
1+83 Constr. Std. Brick M.H.
T.C.
Proposed Cb
100
95
90
85
24" R.C.P.
24" R.C.P.
0.80%
90.00 Fb. End Pipe
91.70 Fb. Out M.H.
92.20 Fb. In M.H.
92.36
92.76
93.16
93.42 Fb. Out M.H.
0+00
0+50
1+00
1+50
2+00

INCIDENTAL DRAINAGE
GREENWAY BLVD
CITY OF WICHITA, KANSAS
B.E. SMITH CITY ENGINEER
OCT. 1954 PROJ. NOS. C14-264 & C14-265

2 11 5 13