B.M. 118.12 R.R. Spk. N.S. P. Pole
S.S. Douglas & 15'E. ℄ Flora N.

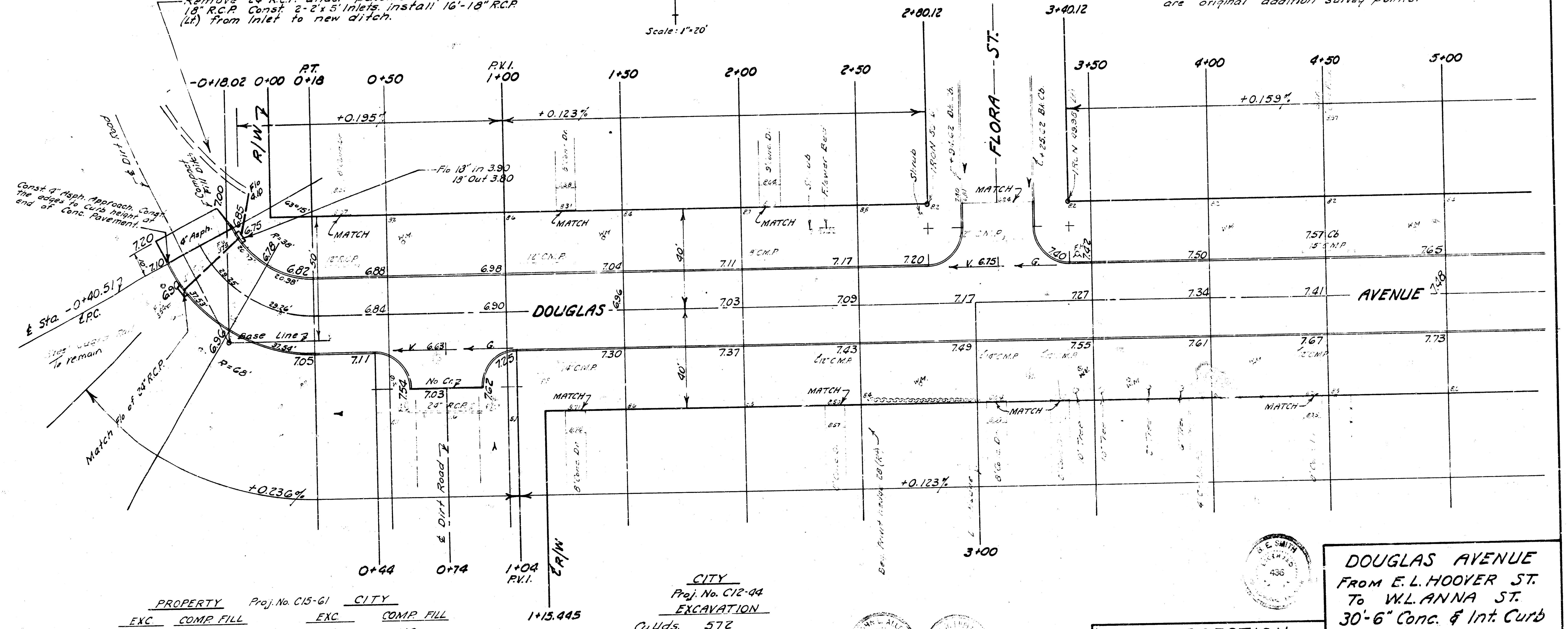
NOTE-FIELD ENGINEER: Take original & final X-Sections from beginning of new ditch to Sta. 0+18

NOTE-CONTRACTOR: Utility service lines may be located unusually close to the surface. Therefore, extreme care shall be used in excavating & grading in connection with this project.

NOTE: All monuments shown on base line are original addition survey points.

Remove 24" R.C.P. under pavement & Install 30'-18" R.C.P. Const. 2-2'x 5' Inlets. install 16'-18" R.C.P. (Lt.) from Inlet to new ditch.

Scale: 1"=20'


N
-0+18.02
0+00
P.T.
0+18
0+50
P.V.I.
1+00
1+50
2+00
2+50
2+80.12
FLORA ST.
3+40.12
3+50
4+00
4+50
5+00
+0.195%
+0.123%
+0.159%
+0.236%
+0.123%
R/W
℄ Dirt Road
Compact Fill Ditch
Flo 4.10
Flo 18" in 3.90
18" Out 3.80
Const. 4" Asph. Approach. Const. the edges to Curb height at end of Conc. Pavement.
4" Asph.
7.00
6.85
6.75
7.20
7.10
6.90
6.96
6.78
63°15'
R=38'
R=68'
20.98'
29.25
29.26'
37.53'
37.54'
℄ Sta. -0+40.51
℄ P.C.
Steel Guard Rail To remain
Match Flo of 24" R.C.P.
Base Line
MATCH
12" R.C.P.
12" C.M.P.
6.82
6.88
6.98
7.04
7.11
7.17
7.20
6.84
6.90
6.96
DOUGLAS
7.03
7.09
7.17
7.27
7.34
7.41
AVENUE
7.48
7.40
7.42
7.50
7.57 Cb
15" C.M.P.
7.65
V. 6.63
G.
V. 6.75
50'
40'
40'
7.05
7.11
7.54
No Cr.
7.03
24" R.C.P.
7.62
7.25
7.30
7.37
7.43
7.49
7.55
7.61
7.67
7.73
14" C.M.P.
12" C.M.P.
W.M.
Shrub
Flower Bed
Iron N 49.96
℄ +25.62 Bk. Cb.
3+00
0+44
0+74
1+04
P.V.I.
℄ R/W
1+15.445

	PROPERTY EXC	PROPERTY COMP. FILL	Proj. No. C15-61 CITY EXC.	CITY COMP. FILL
Cu. Yds.	4612	10	1343	10
+10%	461	1	134	1
Totals	5073	11	1477	11 Cu. Yds.

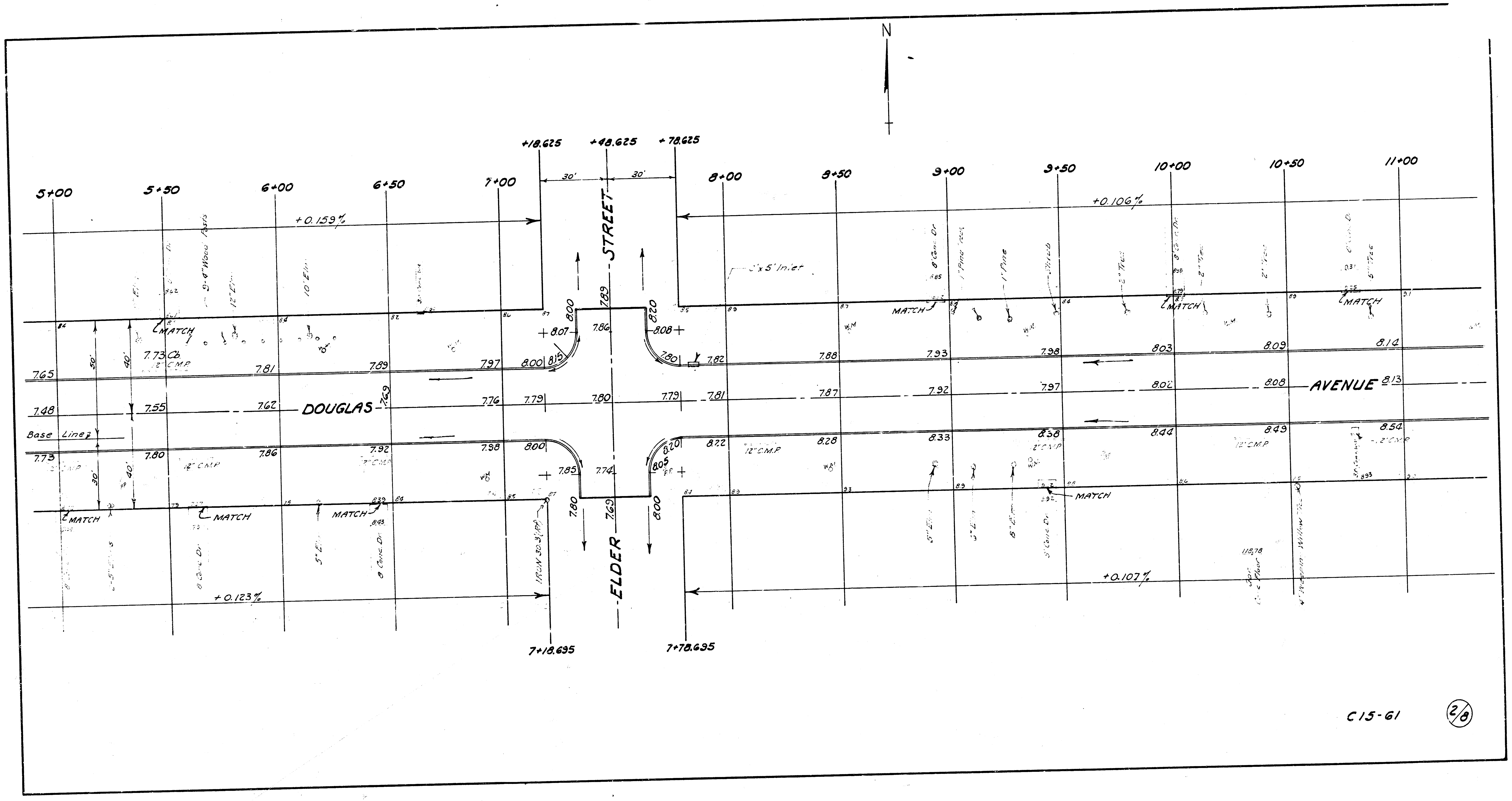
CITY
Proj. No. C12-44
EXCAVATION

Cu. Yds.	572
+10%	57
Total	629 Cu. Yds.

B. E. SMITH
436

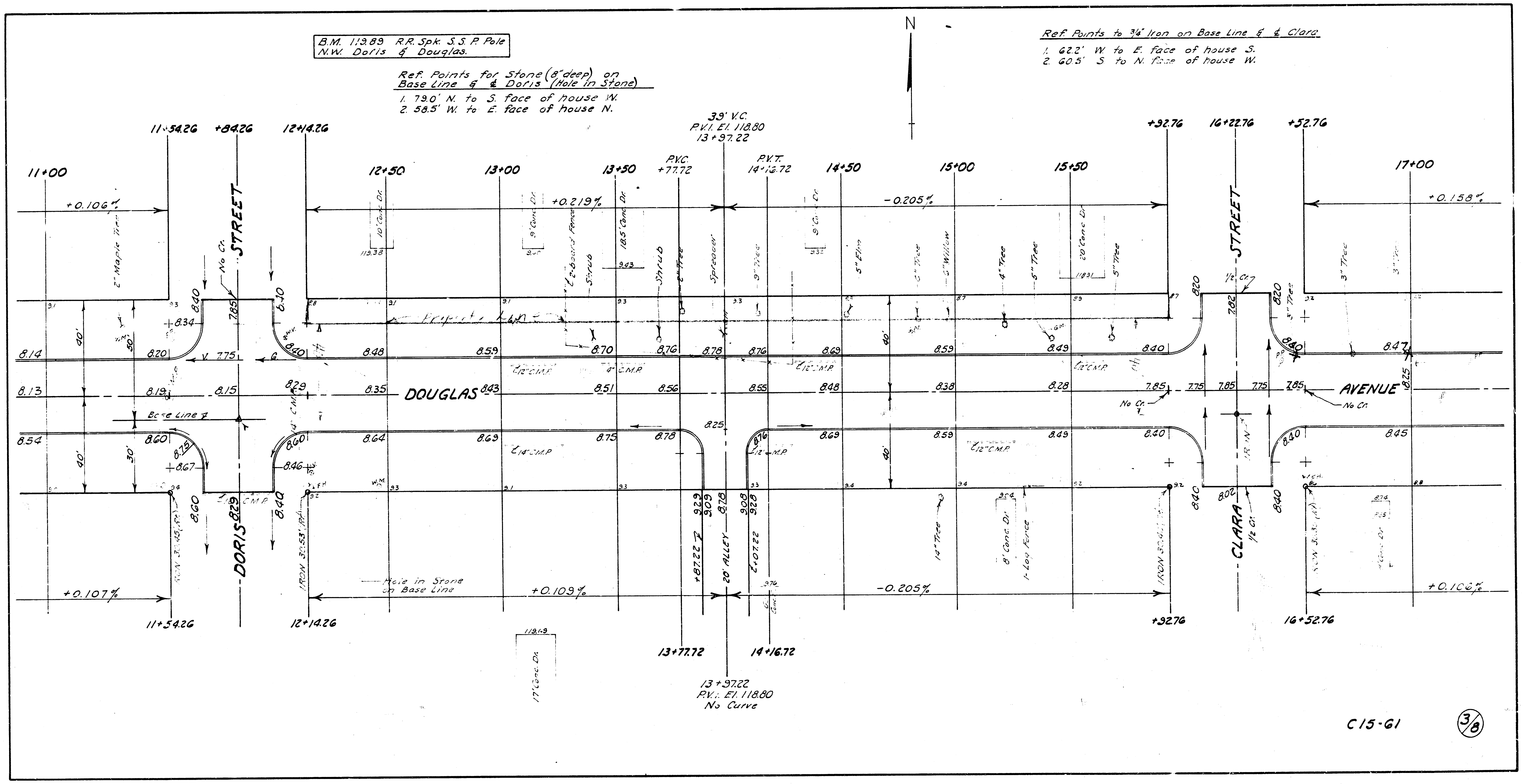
INTERSECTION
ANNA & DOUGLAS
Project No. C12-44

# DOUGLAS AVENUE
FROM E. L. HOOVER ST.
To W. L. ANNA ST.
30'-6" Conc. & Int. Curb
B. E. SMITH CITY ENGINEER
CITY OF WICHITA, KANSAS
SEPT. 1952
1/8 Project No. C15-61


N
5+00
5+50
6+00
6+50
7+00
+18.625
+48.625
+78.625
30'
30'
8+00
8+50
9+00
9+50
10+00
10+50
11+00
+0.159%
+0.106%
STREET
ELDER
DOUGLAS
AVENUE
Base Line
MATCH
MATCH
MATCH
MATCH
MATCH
MATCH
MATCH
12" C.M.P.
12" C.M.P.
2' x 5' Inlet
IRON 30.3' (Rt)
7.65
7.48
7.73
7.73 Cb.
7.55
7.80
7.81
7.62
7.86
7.89
7.69
7.92
7.97
7.76
7.98
8.00
7.79
8.00
8.15
8.07
8.00
7.89
7.86
7.80
7.85
7.74
7.80
7.69
8.20
8.08
7.80
7.79
8.20
8.05
8.00
7.82
7.81
8.22
7.88
7.87
8.28
7.93
7.92
8.33
7.98
7.97
8.38
8.03
8.02
8.44
8.09
8.08
8.49
8.14
8.13
8.54
50'
40'
30'
40'
+0.123%
+0.107%
7+18.695
7+78.695

C15-61

2/8



B.M. 119.89 R.R. Spk. S.S.P. Pole
N.W. Doris & Douglas.

Ref. Points for Stone (8" deep) on Base Line & ℄ Doris (Hole in Stone)

1. 79.0' N. to S. face of house W.
2. 58.5' W. to E. face of house N.

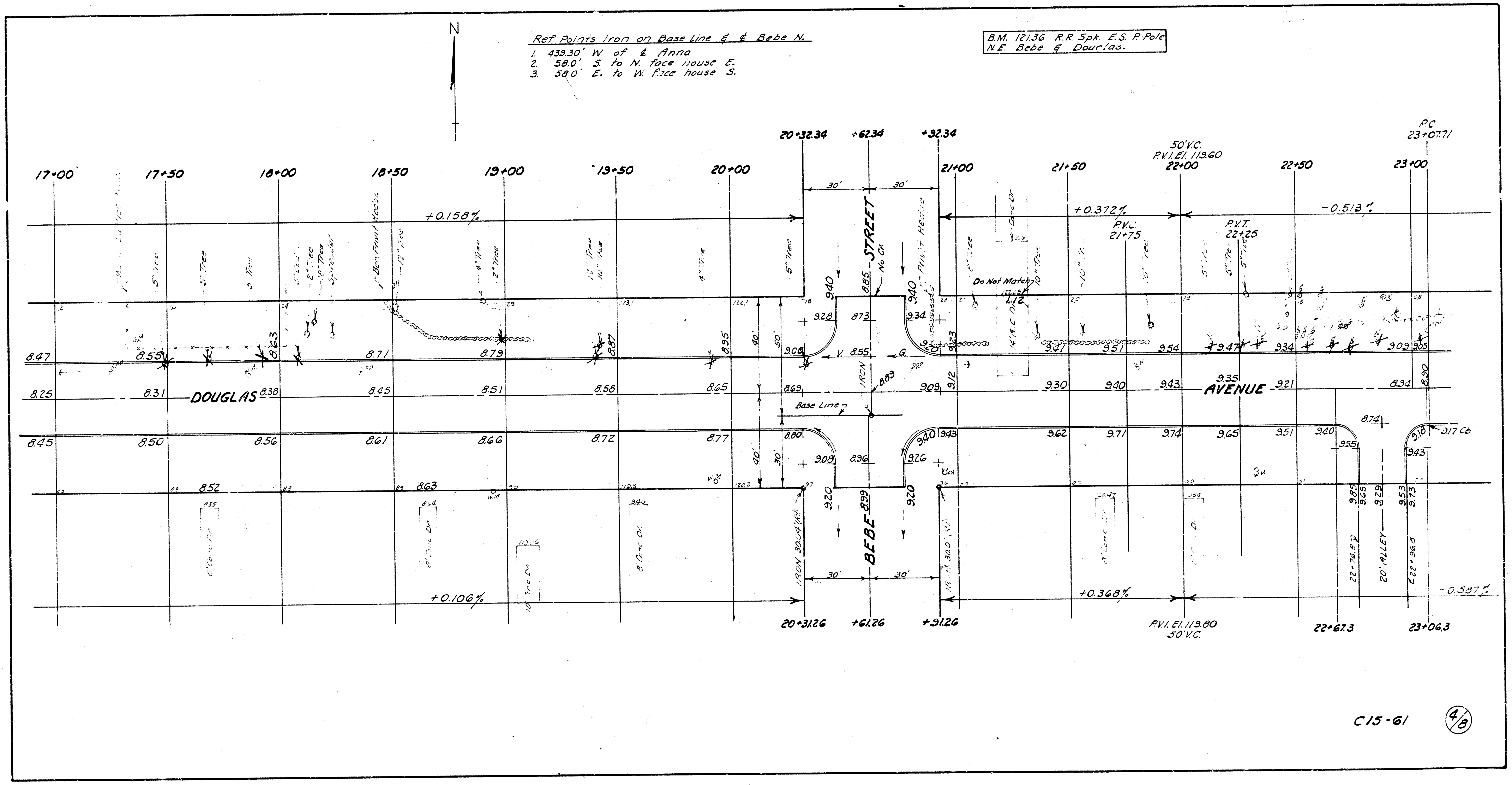
Ref. Points to 3/4" Iron on Base Line & ℄ Clara

1. 62.2' W. to E. face of house S.
2. 60.5' S to N. face of house W.

C15-61

3/8

N
11+00
11+54.26
+84.26
12+14.26
12+50
13+00
13+50
P.V.C. +77.72
39' V.C. P.V.I. El. 118.80 13+97.22
P.V.T. 14+16.72
14+50
15+00
15+50
+92.76
16+22.76
+52.76
17+00
+0.106%
+0.219%
-0.205%
+0.158%
+0.107%
+0.109%
-0.205%
+0.106%
DORIS STREET
DOUGLAS
AVENUE
CLARA STREET
20' ALLEY
Base Line
No Cr.
1/2 Cr.
40'
30'
2" Maple Tree
10' Conc. Dr.
9' Conc. Dr.
18.5' Conc. Dr.
20' Conc. Dr.
8' Conc. Dr.
17' Conc. Dr.
2-board Fence
1-Log Fence
Shrub
Spreader
9" Tree
5" Elm
6" Tree
6" Willow
4" Tree
5" Tree
3" Tree
14" Tree
Property Line
12" C.M.P.
14" C.M.P.
4" C.M.P.
W.M.
G.M.
F.H.
Hole in Stone on Base Line
Iron 30.53' (Rt.)
Iron 30.45' (Rt.)
+87.22
+07.22
13+77.72
14+16.72
13+97.22 P.V.I. El. 118.80 No Curve
11+54.26
12+14.26
+92.76
16+52.76
8.14
8.13
8.54
8.20
8.19
8.60
8.34
8.67
7.75
8.15
7.85
8.40
8.10
8.29
8.40
8.60
8.46
8.75
8.29
8.60
8.40
8.48
8.35
8.64
8.59
8.43
8.69
8.70
8.51
8.75
8.76
8.56
8.78
8.78
8.25
8.76
8.55
8.76
8.69
8.48
8.69
8.59
8.38
8.59
8.49
8.28
8.49
8.40
7.85
8.40
8.20
7.82
7.75
7.85
7.75
7.85
8.02
8.40
8.47
8.45
8.25
9.29
9.09
8.78
9.08
9.28
119.38
119.69
118.31
9.76
9.04


N
20+32.34
+62.34
+92.34
50'V.C.
P.V.I. El. 119.60
P.C.
23+07.71
17+00
17+50
18+00
18+50
19+00
19+50
20+00
21+00
21+50
22+00
22+50
23+00
+0.158%
+0.372%
-0.513%
P.V.C.
21+75
P.V.T.
22+25
STREET
BEBE
DOUGLAS
AVENUE
Base Line
Do Not Match
IRON
8.47
8.55
8.63
8.71
8.79
8.87
8.95
8.25
8.31
8.38
8.45
8.51
8.58
8.65
8.69
8.45
8.50
8.56
8.61
8.66
8.72
8.77
8.52
8.63
9.08
9.28
8.73
8.55
8.65
9.40
9.34
8.89
9.09
9.12
9.23
9.41
9.51
9.54
9.47
9.34
9.09
9.05
9.30
9.40
9.43
9.35
9.21
8.94
8.90
8.80
9.08
8.96
8.99
9.40
9.43
9.26
9.20
9.62
9.71
9.74
9.65
9.51
9.40
9.55
8.74
9.18
9.43
317 Cb.
9.85
9.65
9.29
9.53
9.73
30'
40'
50'
22+76.8
20' ALLEY
22+96.8
+0.106%
+0.368%
-0.587%
20+31.26
+61.26
+91.26
P.V.I. El. 119.80
50'V.C.
22+67.3
23+06.3

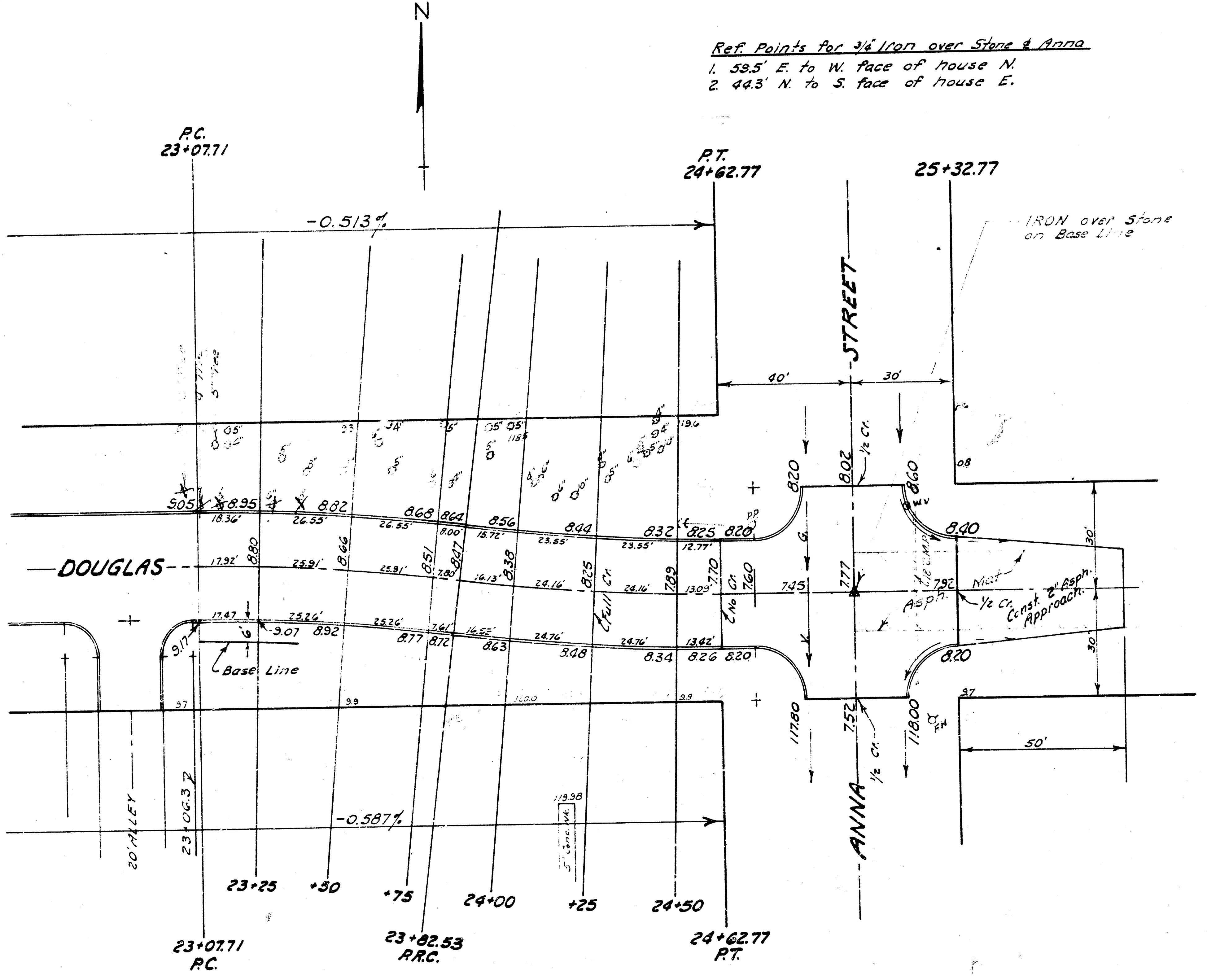
Ref. Points Iron on Base Line & ℄ Bebe N.
1. 439.30' W. of ℄ Anna
2. 58.0' S. to N. face house E.
3. 58.0' E. to W. face house S.

B.M. 121.36 R.R. Spk. E.S. P. Pole
N.E. Bebe & Douglas.

C15-61 4/8

Ref. Points for 3/4" Iron over Stone ℄ Anna

1. 59.5' E. to W. face of house N.
2. 44.3' N. to S. face of house E.


N
P.C.
23+07.71
P.T.
24+62.77
25+32.77
IRON over Stone on Base Line
-0.513%
STREET
40'
30'
DOUGLAS
ANNA
Base Line
½ Cr.
Full Cr.
No Cr.
Asph.
Mat
Const. 2" Asph. Approach.
30'
30'
50'
20' ALLEY
23+06.37
-0.587%
23+25
+50
+75
24+00
+25
24+50
23+07.71
P.C.
23+82.53
P.R.C.
24+62.77
P.T.

Curve Data is 6.0' Offset from face (Rt) Curb.

Station	Point	Alignment	Deflection	Chord	Arc.
24+62.77	P.T.	Δ = 7° 24'	3° 42'	12.77	12.77'
24+50		R = 621.31'	3° 06' 40"	24.99	25.00'
24+25		T = 40.18'	1° 57' 30"	24.99	25.00'
24+00		L = 80.24'	0° 48' 20"	17.47	17.47'
23+82.53	P.R.C.				
23+82.53	P.R.C.	Δ = 7° 24'	3° 42'	7.53	7.53'
23+75		R = 579.31'	3° 19' 39"	24.99	25.00'
23+50		T = 37.46'	2° 05' 28"	24.99	25.00'
23+25		L = 74.82'	0° 51' 18"	17.29	17.29'
23+07.71	P.C.				

C12-44 C15-61 ⑤/8