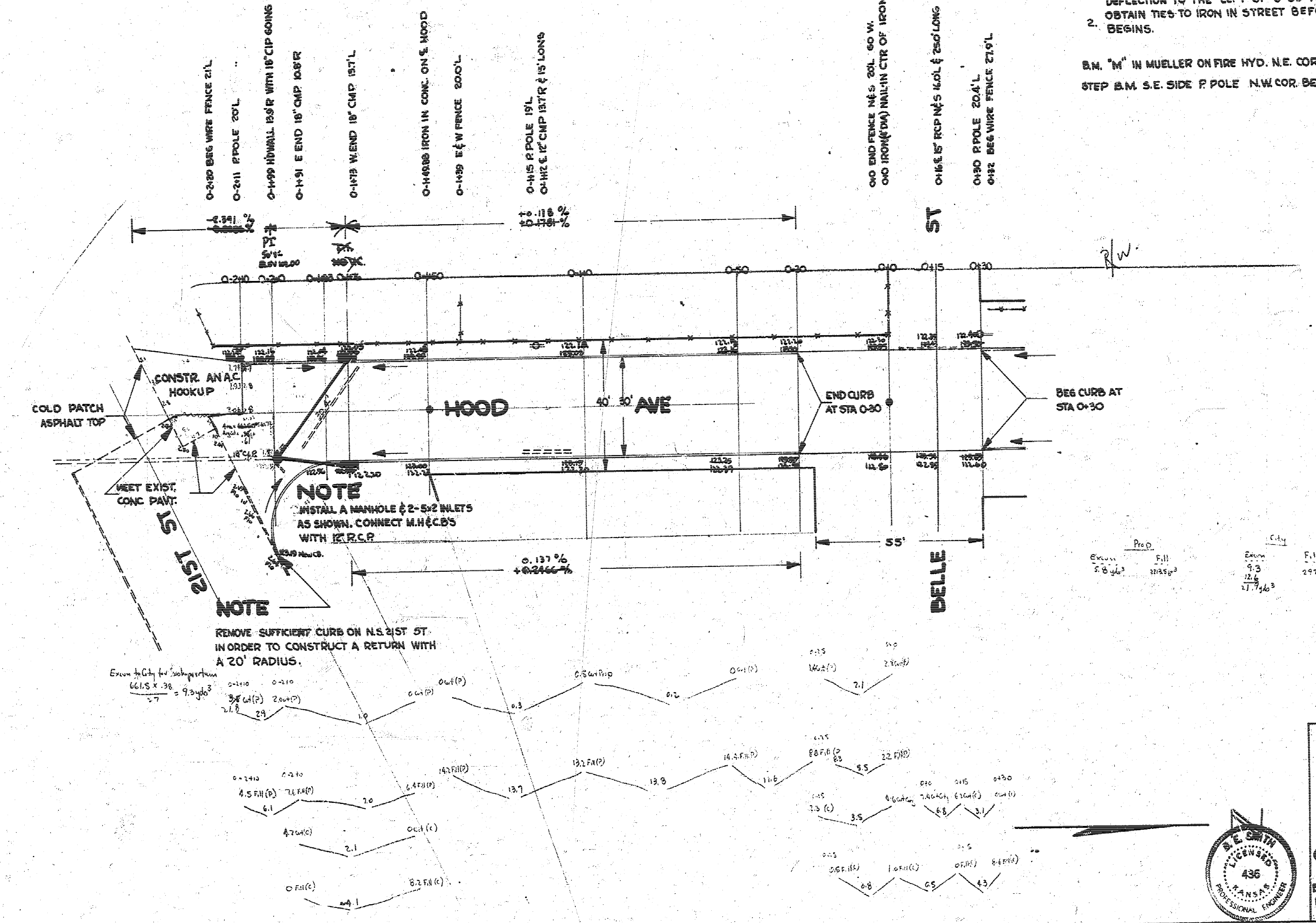
NOTE TO CONTRACTOR & FIELD ENGINEER

ENTRANCE PIPE WILL BE DISPOSED OF IN ACCORDANCE WITH INSTRUCTIONS OF DIRT CHECKER.

NOTE TO FIELD ENGINEER

1. CHAIN NORTH ON ℄ OF HOOD. ℄ HOOD HAS A DEFLECTION TO THE LEFT OF 0°05' AT STA 0+0.
2. OBTAIN TIES TO IRON IN STREET BEFORE CONSTR. BEGINS.

B.M. "M" IN MUELLER ON FIRE HYD. N.E. COR PAYNE & BELLE ELEV. 125.48
STEP B.M. S.E. SIDE P. POLE N.W. COR. BELLE & HOOD ELEV. 123.47


0-2+30 BEG WIRE FENCE 21'L
0-2+11 P. POLE 20'L
0-1+99 HDWALL 13.9'R WITH 18" CIP GOING SO.
0-1+91 E END 18" CMP 10.8'R
0-1+73 W. END 18" CMP 19.7'L
0-1+49.88 IRON IN CONC. ON ℄ HOOD
0-1+39 E & W FENCE 20.0'L
0-1+15 P. POLE 19'L
0-1+12 ℄ 12" CMP 13.7'R & 15' LONG
0+0 END FENCE N & S 30'L 60 W.
0+0 IRON (¾" DIA) NAIL IN CTR OF IRON
0+16 ℄ 15" RCP N & S 16.0'L & 25.0' LONG
0+30 P. POLE 20.4'L
0+32 BEG WIRE FENCE 27.9'L
PT
PC
0-2+40
0-2+0
0-1+83
0-1+50
0-1+0
0-0+50
0-0+20
0+0
0+15
0+30
+0.118 %
0.137 %
R/W
CONSTR. AN A.C. HOOKUP
COLD PATCH ASPHALT TOP
MEET EXIST. CONC PAVT.
18" C.I.P.
HOOD
AVE
40'
30'
END CURB AT STA 0-30
BEG CURB AT STA 0+30
55'
21ST ST
BELLE ST

NOTE
INSTALL A MANHOLE & 2-5x2 INLETS AS SHOWN. CONNECT M.H. & C.B'S WITH 12" R.C.P.

NOTE
REMOVE SUFFICIENT CURB ON N.S. 21ST ST IN ORDER TO CONSTRUCT A RETURN WITH A 20' RADIUS.

Excav to City for [illegible]
661.5 × .38 / 27 = 9.3 yds³

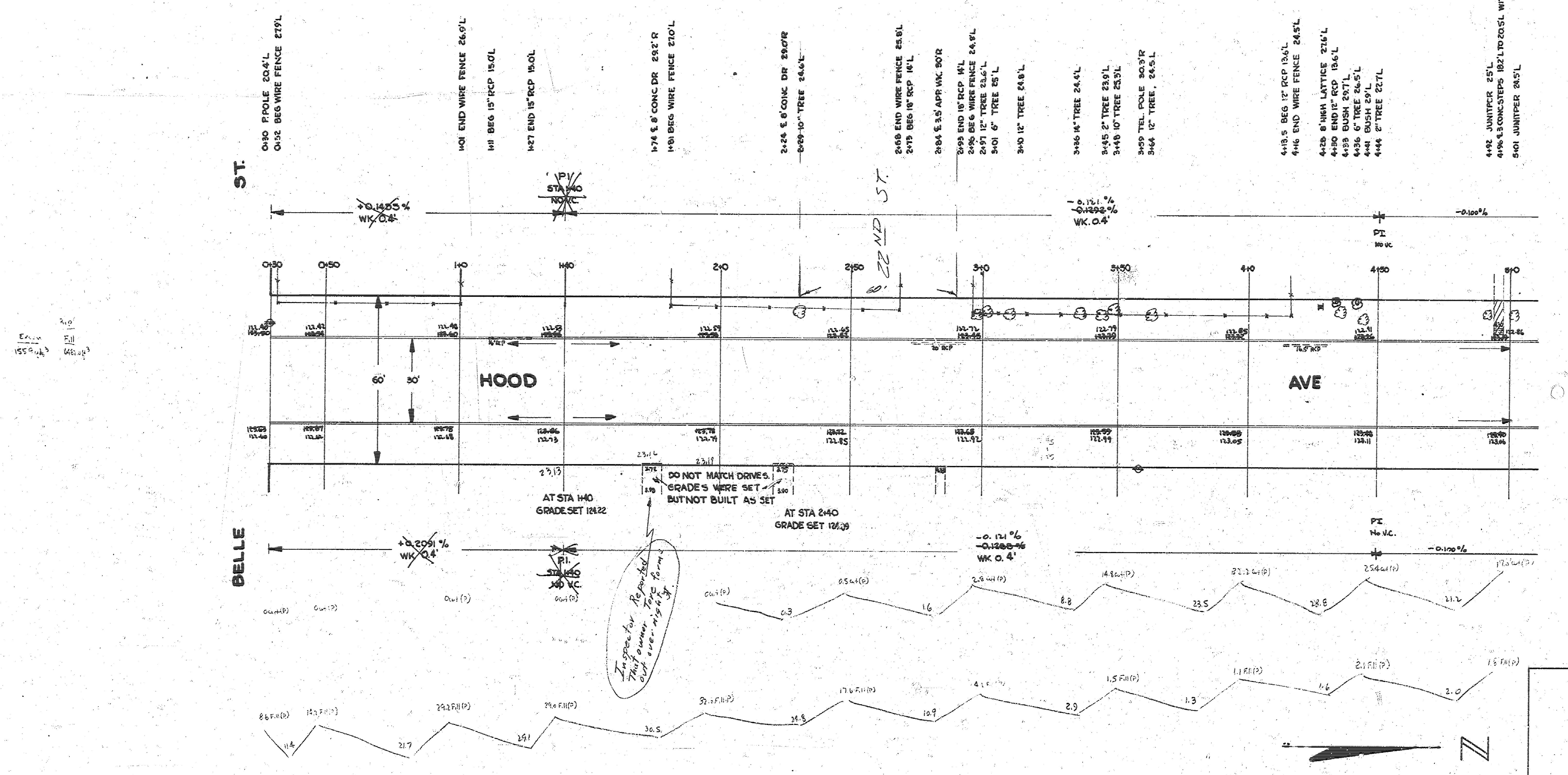
1/12

Revised 4-14-54 JD

HOOD AVE
N.L. 21 ST TO S.L. 27TH
30' CONC & CURB
CITY OF WICHITA, KANSAS
B.E. SMITH
MAR 1954
CITY ENGINEER
PROJ. NO. C13-138

B.E. SMITH 436

Survey
Plan JD
Exc JD
Checked

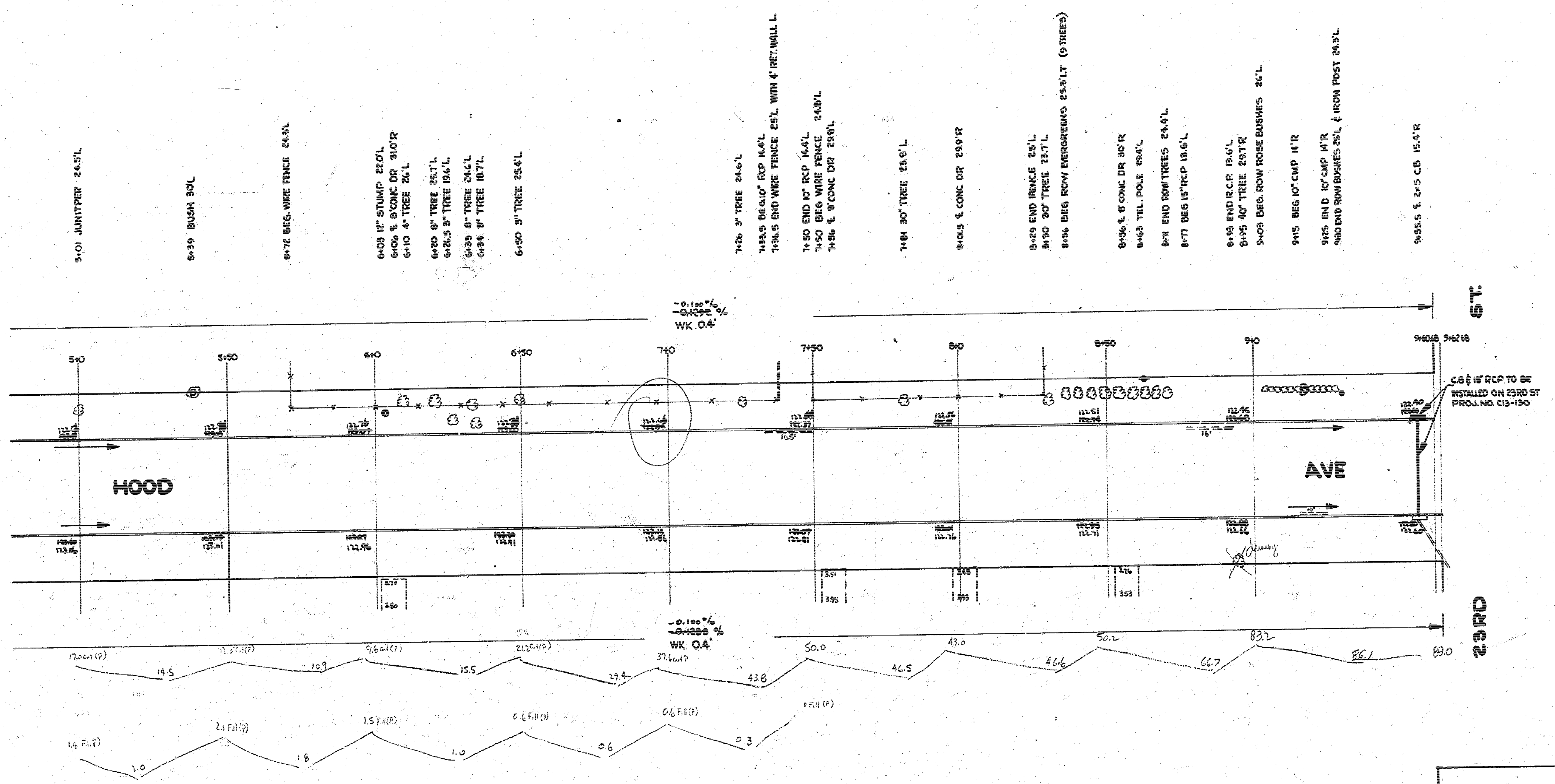

ST.
0+30 P.POLE 20.4'L.
0+32 BEG WIRE FENCE 27.9'L.
1+01 END WIRE FENCE 26.9'L.
1+11 BEG 15" RCP 15.0'L.
1+27 END 15" RCP 15.0'L.
1+74 ℄ 8' CONC DR 29.2' R
1+91 BEG WIRE FENCE 27.0'L.
2+24 ℄ 8' CONC DR 29.0'R
~~2+29 10" TREE 24.6'L~~
2+68 END WIRE FENCE 25.8'L.
2+79 BEG 18" RCP 14'L.
2+84 ℄ 3.5' APR WK. 90'R
2+93 END 18" RCP 14'L.
2+96 BEG WIRE FENCE 24.8'L.
2+97 12" TREE 23.6'L.
3+01 6" TREE 25'L.
3+10 12" TREE 24.8'L.
3+36 14" TREE 24.4'L.
3+45 2" TREE 23.9'L.
3+48 10" TREE 25.3'L.
3+59 TEL. POLE 30.3'R
3+64 12" TREE, 24.5'L.
4+13.5 BEG 12" RCP 13.6'L.
4+16 END WIRE FENCE 24.5'L.
4+28 8' HIGH LATTICE 27.6'L.
4+30 END 12" RCP 13.6'L.
4+33 BUSH 29.7'L.
4+36 6" TREE 26.5'L.
4+41 BUSH 29'L.
4+44 2" TREE 22.7'L.
4+92 JUNIPER 25'L.
4+96 ℄ 3 CONC.STEPS 18.2'L TO 20.5'L WITH 4' APR WK. L.
5+01 JUNIPER 24.5'L.
~~+0.1455 %~~
~~WK. 0.4'~~
~~P.I.~~
~~STA 1+40~~
~~NO V.C.~~
22 ND ST.
− 0.121 %
~~−0.1292 %~~
WK. 0.4'
P.I.
NO V.C.
−0.100 %
0+30
0+50
1+0
1+40
2+0
2+50
3+0
3+50
4+0
4+50
5+0
60'
30'
HOOD
AVE
122.73
122.92
122.99
123.05
123.11
123.06
23.13
23.16
23.19
DO NOT MATCH DRIVES.
GRADES WERE SET
BUT NOT BUILT AS SET
AT STA 1+40
GRADE SET 124.22
AT STA 2+40
GRADE SET 124.39
BELLE
~~+0.2091 %~~
~~WK. 0.4'~~
~~P.I.~~
~~STA 1+40~~
~~NO V.C.~~
−0. 121 %
~~−0.1288 %~~
WK 0. 4'
P.I.
No V.C.
−0.100 %
Inspector Reported
That owner tore forms
out over night.
Out (P)
Out (P)
Out (P)
Out (P)
Out (P)
0.3
0.5 cut (P)
1.6
2.8 cut (P)
8.8
14.8 cut (P)
23.5
32.2 cut (P)
28.8
25.4 cut (P)
21.2
17.0 cut (P)
8.6 Fill (P)
11.4
14.3 Fill (P)
21.7
29.2 Fill (P)
29.1
29.0 Fill (P)
30.5
32.3 Fill (P)
24.8
17.6 Fill (P)
10.9
4.1
2.9
1.5 Fill (P)
1.3
1.1 Fill (P)
1.6
2.1 Fill (P)
2.0
1.8 Fill (P)
N

2/12

HOOD AVE

PROJ. NO. C13-138

Prop
Cut Fill
78.9 285.0


5+01 JUNITPER 24.5'L
5+39 BUSH 30'L
5+72 BEG. WIRE FENCE 24.3'L
6+03 12" STUMP 22.0'L
6+06 ℄ 8'CONC DR 31.0'R
6+10 4" TREE 26'L
6+20 8" TREE 25.7'L
6+26.5 9" TREE 19.6'L
6+39 8" TREE 24.6'L
6+34 9" TREE 18.7'L
6+50 9" TREE 25.4'L
7+26 3" TREE 24.6'L
7+35.5 BEG.10" RCP 14.4'L
7+36.5 END WIRE FENCE 25'L WITH 4' RET. WALL L
7+50 END 10" RCP 14.4'L
7+50 BEG WIRE FENCE 24.9'L
7+56 ℄ 8'CONC DR 29.8'L
7+81 30" TREE 23.9'L
8+05.5 ℄ CONC DR 29.9'R
8+29 END FENCE 25'L
8+30 30" TREE 23.7'L
8+36 BEG ROW EVERGREENS 25.3'LT (9 TREES)
8+56 ℄ 8' CONC DR 30'R
8+63 TEL. POLE 29.4'L
8+71 END ROW TREES 24.4'L
8+77 BEG 15" RCP 13.6'L
8+93 END R.C.P. 13.6'L
8+95 40" TREE 29.7'R
9+03 BEG. ROW ROSE BUSHES 26'L
9+15 BEG 10" CMP 14'R
9+25 END 10" CMP 14'R
9+30 END ROW BUSHES 25'L ℄ IRON POST 24.3'L
9+55.5 ℄ 2×5 CB 15.4'R
-0.100%
~~-0.1298~~%
WK. 0.4'
5+0
5+50
6+0
6+50
7+0
7+50
8+0
8+50
9+0
9+60.68
9+62.68
ST.
HOOD
AVE
C.B & 15" RCP TO BE
INSTALLED ON 23RD ST
PROJ. NO. C13-130
122.90
-0.100%
~~-0.1288~~%
WK. 0.4'
23RD
17.0 cut (P)
14.5
11.5 cut (P)
10.9
9.6 cut (P)
15.5
21.2 cut (P)
29.4
37.6 cut (P)
43.8
50.0
46.5
43.0
46.6
50.2
66.7
83.2
86.1
89.0
1.6 Fill (P)
1.0
2.1 Fill (P)
1.8
1.5 Fill (P)
1.0
0.6 Fill (P)
0.6
0.6 Fill (P)
0.3
0 Fill (P)

3/12

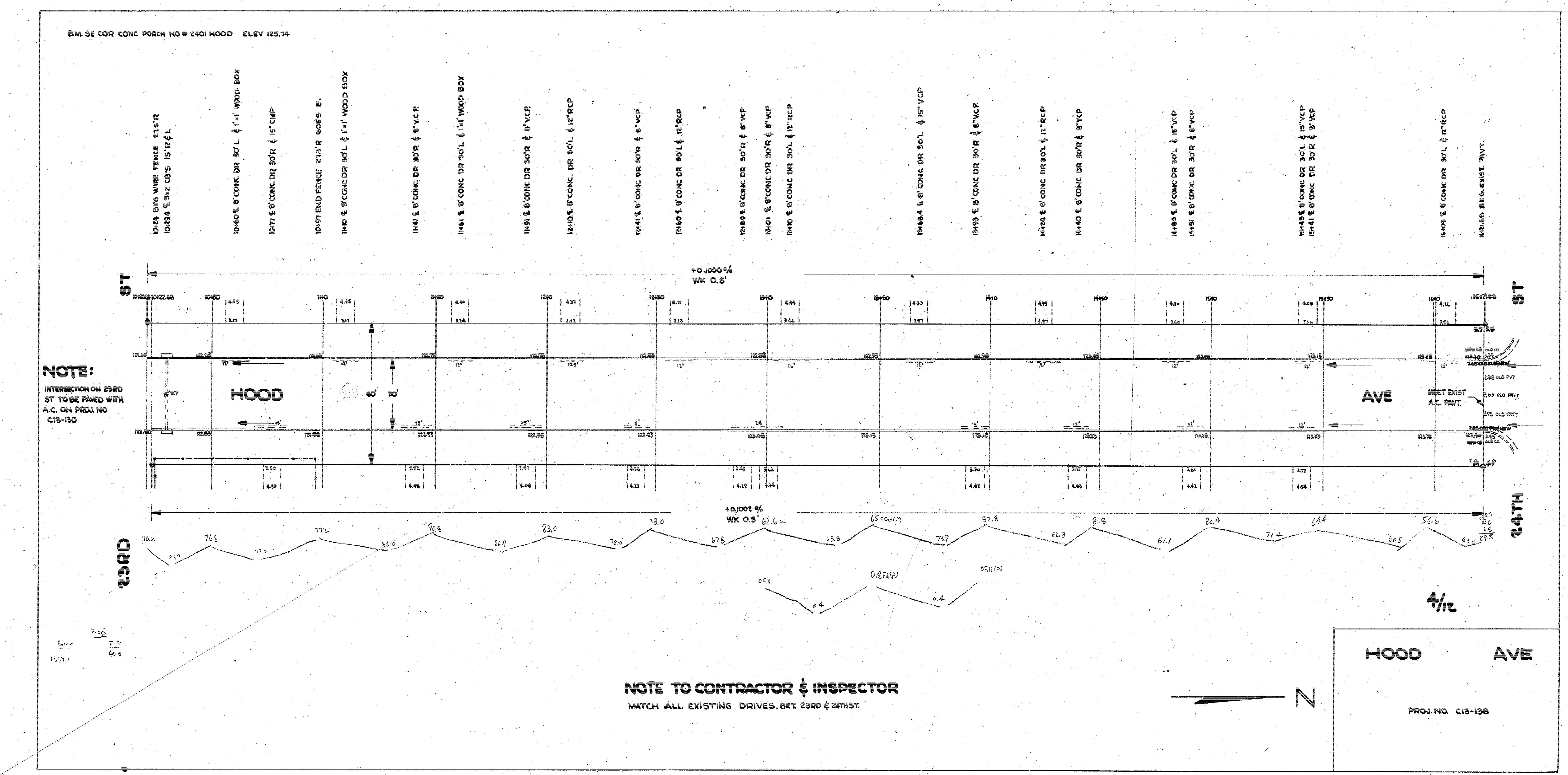
NOTE :
MATCH DR'S BET STA 6+0 & 8+60 E.S.

N

HOOD AVE

PROJ. NO. C13-138

9


B.M. SE COR CONC PORCH NO # 2401 HOOD ELEV 125.74
10+24 BEG WIRE FENCE 27.5'R
10+29.4 ℄ 5×2 CB'S 15'R & L
10+60 ℄ 8' CONC DR 30'L & 1'×1' WOOD BOX
10+77 ℄ 8' CONC DR 30'R & 15" CMP
10+97 END FENCE 27.3'R GOES E.
11+10 ℄ 8' CONC DR 30'L & 1'×1' WOOD BOX
11+41 ℄ 8' CONC DR 30'R & 8" V.C.P.
11+61 ℄ 8' CONC DR 30'L & 1'×1' WOOD BOX
11+91 ℄ 8' CONC DR 30'R & 8" V.C.P.
12+10 ℄ 8' CONC. DR 30'L & 12" RCP
12+41 ℄ 8' CONC DR 30'R & 8" VCP
12+60 ℄ 8' CONC DR 30'L & 12" RCP
12+89 ℄ 8' CONC DR 30'R & 8" VCP
13+01 ℄ 8' CONC DR 30'R & 8" VCP
13+10 ℄ 8' CONC DR 30'L & 12" RCP
13+68.4 ℄ 8' CONC DR 30'L & 15" VCP
13+93 ℄ 8' CONC DR 30'R & 8" V.C.P.
14+24 ℄ 8' CONC DR 30'L & 12" RCP
14+40 ℄ 8' CONC DR 30'R & 8" VCP
14+89 ℄ 8' CONC DR 30'L & 15" VCP
14+91 ℄ 8' CONC DR 30'R & 8" VCP
15+43 ℄ 8' CONC DR 30'L & 15" VCP
15+41 ℄ 8' CONC DR 30'R & 8" VCP
16+03 ℄ 8' CONC DR 30'L & 12" RCP
16+21.68 BEG. EXIST. PAVT.
+0.1000 %
WK 0.5'
23RD ST
24TH ST
HOOD
AVE
60'
30'
MEET EXIST A.C. PAVT.
+0.1002 %
WK 0.5'
4/12
N

NOTE:
INTERSECTION ON 23RD
ST TO BE PAVED WITH
A.C. ON PROJ. NO
C13-130

NOTE TO CONTRACTOR & INSPECTOR
MATCH ALL EXISTING DRIVES. BET 23RD & 24TH ST.

HOOD AVE

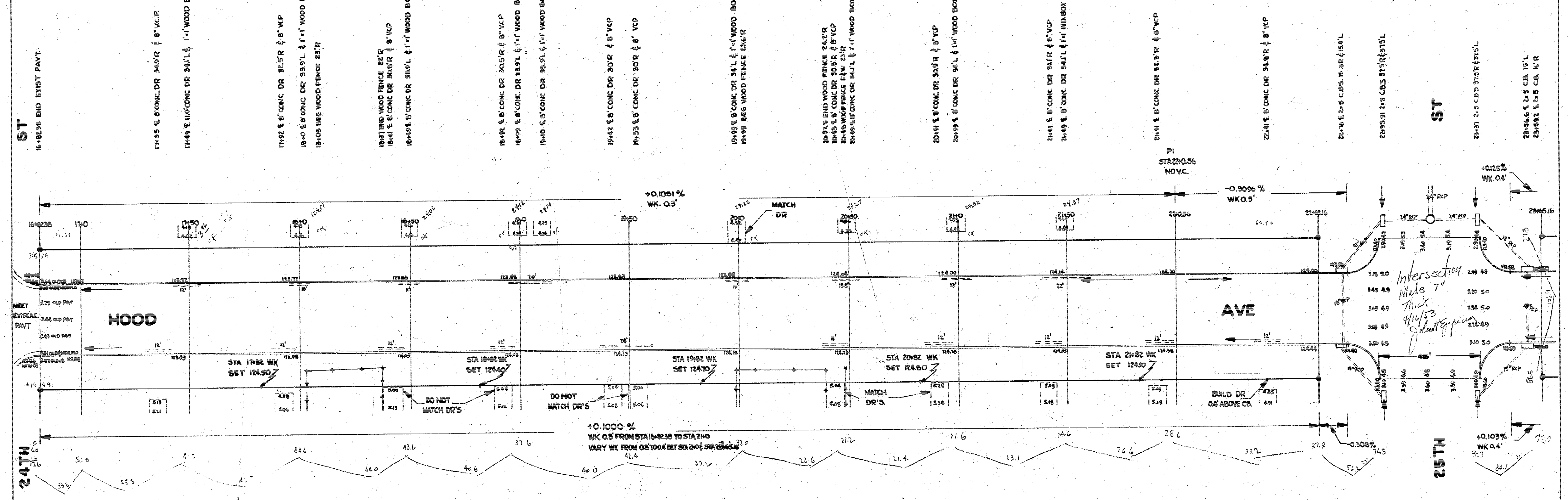
PROJ. NO. C13-138

9

B.M. 60d NAIL NS P.POLE SW COR GARLAND & 25TH ELEV 125.68
STEP B.M. N.S. P.POLE S.W. COR 25TH & HOOD ELEV 125.08

NOTE:

STONE IS DESTROYED AT
℄ HOOD & 25TH


24TH ST
16+82.38 END EXIST PAVT.
17+35 ℄ 8'CONC. DR 34.9'R & 8" V.C.P.
17+49 ℄ 11.0'CONC DR 34.1'L & 1'x1' WOOD BOX
17+92 ℄ 8' CONC DR 32.5'R & 8" VCP
18+0 ℄ 8'CONC DR 33.9'L & 1'x1' WOOD BOX
18+03 BEG WOOD FENCE 23'R
18+37 END WOOD FENCE 22'R
18+41 ℄ 8' CONC DR 30.8'R & 8" VCP
18+49 ℄ 8' CONC DR 33.9'L & 1'x1' WOOD BOX
18+92 ℄ 8' CONC DR 30.5'R & 8" VCP
18+99 ℄ 8' CONC DR 33.9'L & 1'x1' WOOD BOX
19+10 ℄ 8' CONC DR 33.9'L & 1'x1' WOOD BOX
19+42 ℄ 8' CONC DR 30'R & 8" VCP
19+53 ℄ 8' CONC DR 30'R & 8" VCP
19+99 ℄ 8' CONC DR 34'L & 1'x1' WOOD BOX
19+99 BEG WOOD FENCE 23.6'R
20+37.5 END WOOD FENCE 24.2'R
20+43 ℄ 8' CONC DR 30.3'R & 8" VCP
20+46 WOOD FENCE E&W 23'R
20+49 ℄ 8' CONC DR 34.1'L & 1'x1' WOOD BOX
20+91 ℄ 8' CONC DR 30.9'R & 8" VCP
20+99 ℄ 8' CONC DR 34'L & 1'x1' WOOD BOX
21+41 ℄ 8' CONC DR 31.1'R & 8" VCP
21+49 ℄ 8' CONC DR 34.1'L & 1'x1' WD. BOX
21+91 ℄ 8' CONC DR 32.3'R & 8" VCP
22+41 ℄ 8' CONC DR 34.8'R & 8" VCP
22+76 ℄ 2x5 C.B'S. 15.3'R & 15.4'L
22+95.91 2x5 C.B.S 37.5'R & 37.5'L
ST
23+37 2x5 C.B.S 37.5'R & 37.5'L
23+56.6 ℄ 2x5 C.B. 15'L
23+59.2 ℄ 2x5 C.B. 16'R
PI
STA 22+0.56
NO V.C.
+0.1051 %
WK. 0.3'
MATCH
DR
-0.3096 %
WK 0.5'
+0.125%
WK. 0.4'
16+82.38
17+0
17+50
18+0
18+50
19+0
19+50
20+0
20+50
21+0
21+50
22+0.56
22+65.16
23+65.16
24" RCP
18" RCP
15" RCP
MEET
EXIST A.C.
PAVT
3.29 OLD PAVT
3.46 OLD PAVT
3.43 OLD PAVT
HOOD
AVE
STA 17+82 WK
SET 124.50
STA 18+82 WK
SET 124.60
STA 19+82 WK
SET 124.70
STA 20+82 WK
SET 124.80
STA 21+82 WK
SET 124.90
DO NOT
MATCH DR'S
DO NOT
MATCH DR'S
MATCH
DR'S.
BUILD DR
0.4' ABOVE CB.
45'
+0.1000 %
WK 0.8' FROM STA 16+82.38 TO STA 21+0
VARY WK FROM 0.8' TO 0.4' BET STA 21+0 & STA 22+65.16
-0.308%
+0.103%
WK 0.4'
25TH
Intersection
Made 7"
Thick
4/16/53

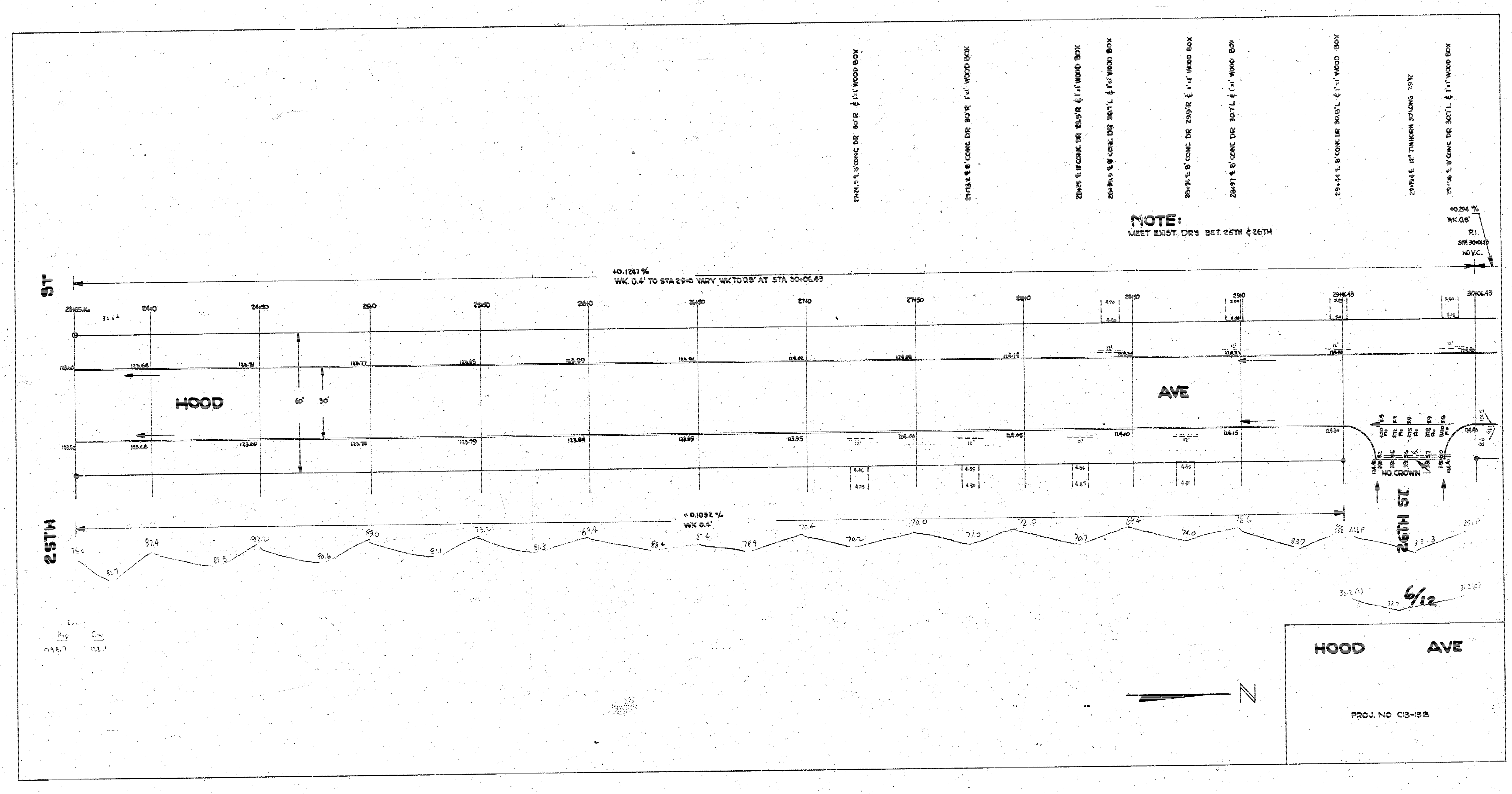
S/12

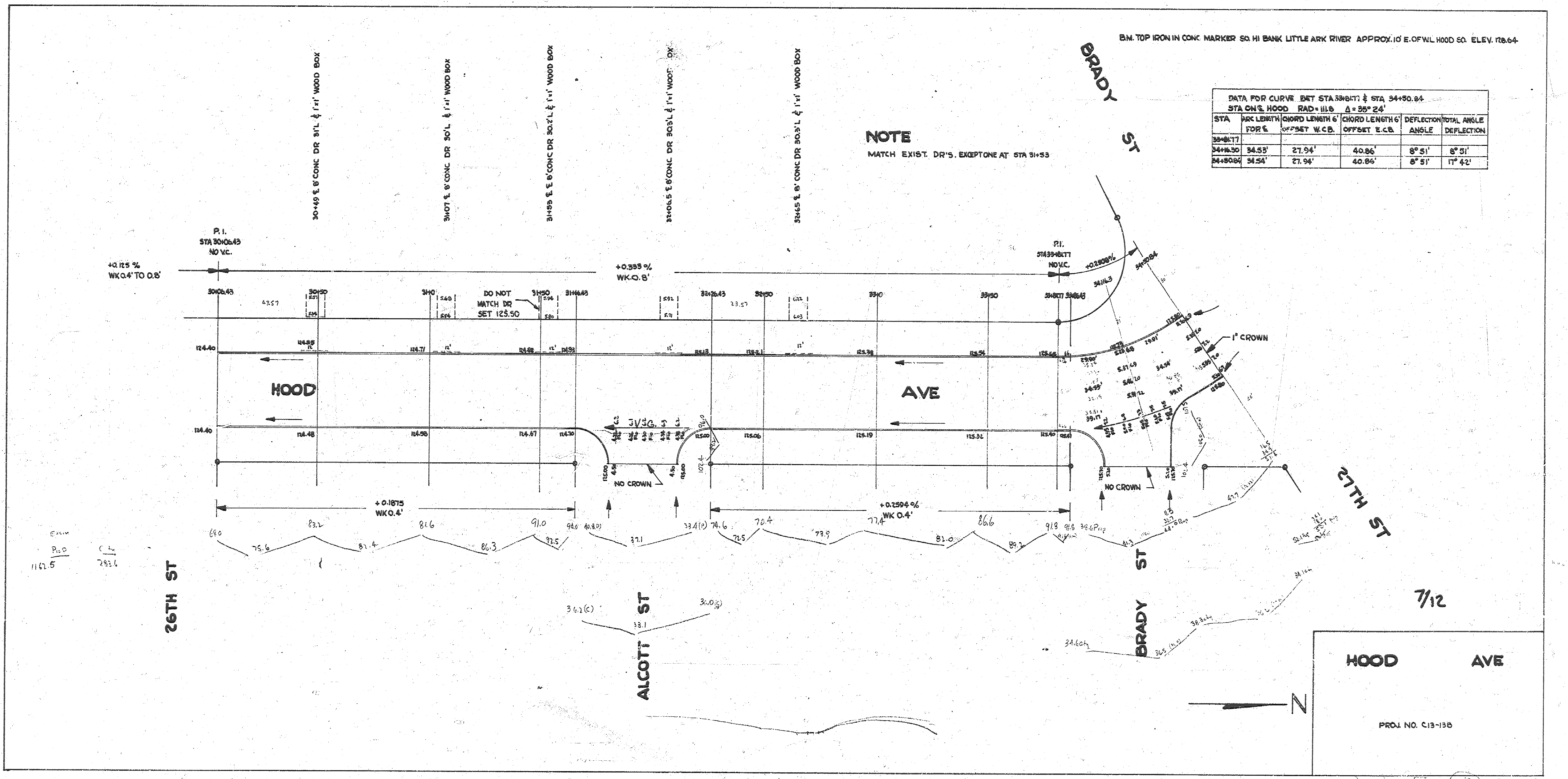
NOTE:

DRIVES ON E.S. HOOD WERE SET
TO GRADE, BUT NOT BUILT TO GRADE.

HOOD AVE

PROJ. NO C13-138


27+24.5 ℄ 8" CONC DR 30'R & 1'x1' WOOD BOX
27+78.2 ℄ 8" CONC DR 30'R 1'x1' WOOD BOX
28+25 ℄ 8" CONC DR 29.9'R & 1'x1' WOOD BOX
28+38.9 ℄ 8" CONC DR 30.1'L & 1'x1' WOOD BOX
28+74 ℄ 8" CONC DR 29.9'R & 1'x1' WOOD BOX
28+97 ℄ 8" CONC DR 30.1'L & 1'x1' WOOD BOX
29+44 ℄ 8" CONC DR 30.8'L & 1'x1' WOOD BOX
29+79.4 ℄ 12" TINHORN 30'LONG 29'R
29+56 ℄ 8" CONC DR 30.1'L & 1'x1' WOOD BOX
NOTE:
MEET EXIST. DR'S BET. 25TH & 26TH
+0.294 %
WK. 0.8'
P.I.
STA 30+06.43
NO V.C.
+0.1247 %
WK. 0.4' TO STA 29+0 VARY WK TO 0.8' AT STA 30+06.43
25TH ST
23+65.16
24+0
24+50
25+0
25+50
26+0
26+50
27+0
27+50
28+0
28+50
29+0
29+46.43
30+06.43
123.60
123.64
123.71
123.77
123.83
123.89
123.96
124.02
124.08
124.14
123.60
123.64
123.69
123.74
123.79
123.84
123.89
123.95
124.00
124.05
124.10
124.15
124.20
HOOD
AVE
60'
30'
12'
4.46
4.35
4.55
4.80
4.56
4.85
4.55
4.81
4.95
4.60
5.00
4.90
5.25
5.0
5.40
5.18
NO CROWN
26TH ST
30'
+0.1032 %
WK 0.4'
73.0
81.7
83.4
89.8
92.2
90.6
89.0
81.1
73.2
81.3
89.4
88.4
81.4
78.9
70.4
70.2
70.0
71.0
72.0
70.7
69.4
74.0
78.6
83.7
41.6 P
33.3
25.0 P
36.2 (L)
33.7
31.2 (L)
6/12
34.3 4
Exist.
Prop
Grav
1798.7
122.1
N
HOOD AVE
PROJ. NO C13-158


BRADY ST
30+49 ℄ 8' CONC DR 31'L. & 1'x1' WOOD BOX
31+07 ℄ 8' CONC DR 30'L. & 1'x1' WOOD BOX
31+53 ℄ 8' CONC DR 30.2'L & 1'x1' WOOD BOX
32+06.5 ℄ 8' CONC DR 30.3'L & 1'x1' WOOD BOX
32+65 ℄ 8' CONC DR 30.3'L & 1'x1' WOOD BOX
P. I.
STA 30+06.43
NO V.C.
+0.125 %
WK 0.4' TO 0.8'
+0.335 %
WK 0.8'
P.I.
STA 33+81.77
NO V.C.
+0.2808%
30+06.43
30+50
31+0
31+50
31+66.43
32+26.43
32+50
33+0
33+50
33+81.77
DO NOT
MATCH DR
SET 125.50
43.57
23.57
124.40
124.85
124.71
124.88
124.92
125.13
125.21
125.38
125.54
125.66
124.48
124.58
124.67
124.70
125.00
125.06
125.19
125.32
125.40
125.41
12'
HOOD
AVE
1" CROWN
NO CROWN
NO CROWN
+0.1875
WK 0.4'
+0.2594 %
WK 0.4'
34+11.3
34+50.84
68.0
75.6
83.2
81.4
81.6
86.3
91.0
92.5
94.0
40.8(P)
37.1
33.4(P)
74.6
72.5
70.4
73.9
77.4
81.0
86.6
89.2
91.8
91.8
38.6 Prop
36.2(C)
33.1
30.0(C)
34.60
36.5
38.3
26TH ST
ALCOTT ST
BRADY ST
27TH ST
N

B.M. TOP IRON IN CONC. MARKER SO. HI BANK LITTLE ARK RIVER APPROX. 10' E. OF W.L. HOOD SO. ELEV. 128.64

DATA FOR CURVE BET STA 33+81.77 & STA 34+50.84
STA ON ℄ HOOD RAD = 111.8 Δ = 35° 24'

STA	ARC LENGTH FOR ℄	CHORD LENGTH 6' OFFSET W.C.B.	CHORD LENGTH 6' OFFSET E.C.B.	DEFLECTION ANGLE	TOTAL ANGLE DEFLECTION
33+81.77					
34+16.30	34.53'	27.94'	40.86'	8° 51'	8° 51'
34+50.84	34.54'	27.94'	40.86'	8° 51'	17° 42'

NOTE

MATCH EXIST. DR'S. EXCEPT ONE AT STA 31+53

7/12

HOOD AVE

PROJ. NO. C13-138

3187.3
154.2
3341.5
64.8

16.0
54
154.2

3005.1
154.2
3159.3