NOTE TO CONTRACTOR & FIELD ENGINEER

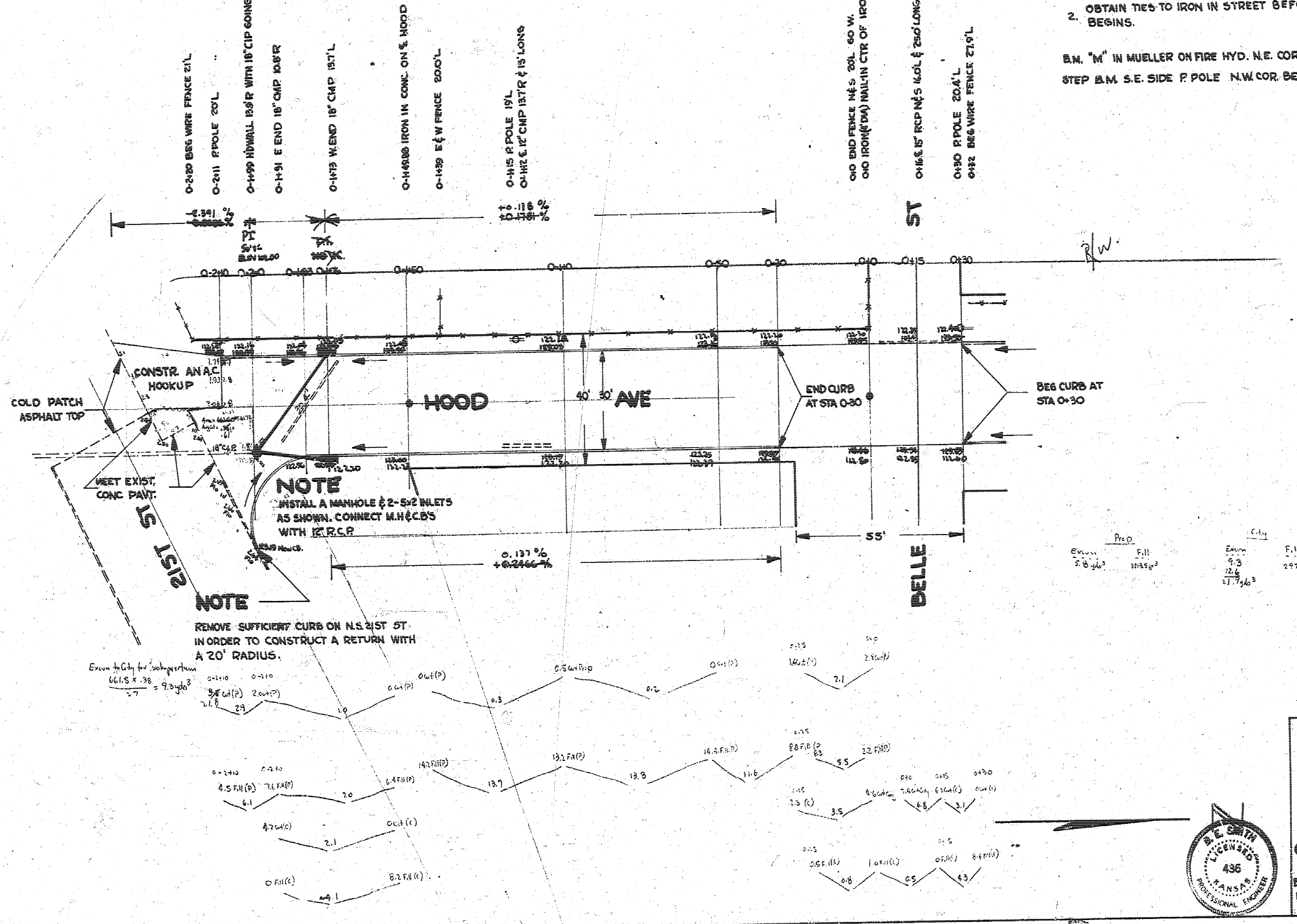
ENTRANCE PIPE WILL BE DISPOSED OF IN ACCORDANCE WITH INSTRUCTIONS OF DIRT CHECKER.

NOTE TO FIELD ENGINEER

1. CHAIN NORTH ON ℄ OF HOOD. ℄ HOOD HAS A DEFLECTION TO THE LEFT OF 0°03' 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+20 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 20'L. 60 W.
0+0 IRON (1" 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.
P.I.
P.T.
+0.118 %
R/W
COLD PATCH ASPHALT TOP
CONSTR. AN A.C. HOOKUP
MEET EXIST. CONC. PAVT.
HOOD AVE
40' 30'
END CURB AT STA 0-30
BEG CURB AT STA 0+30
21ST ST
BELLE ST
55'
0.137 %
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.
Survey
Plan JD
Exc JD
Checked

1/12

Revised 4-14-54 JD

HOOD AVE

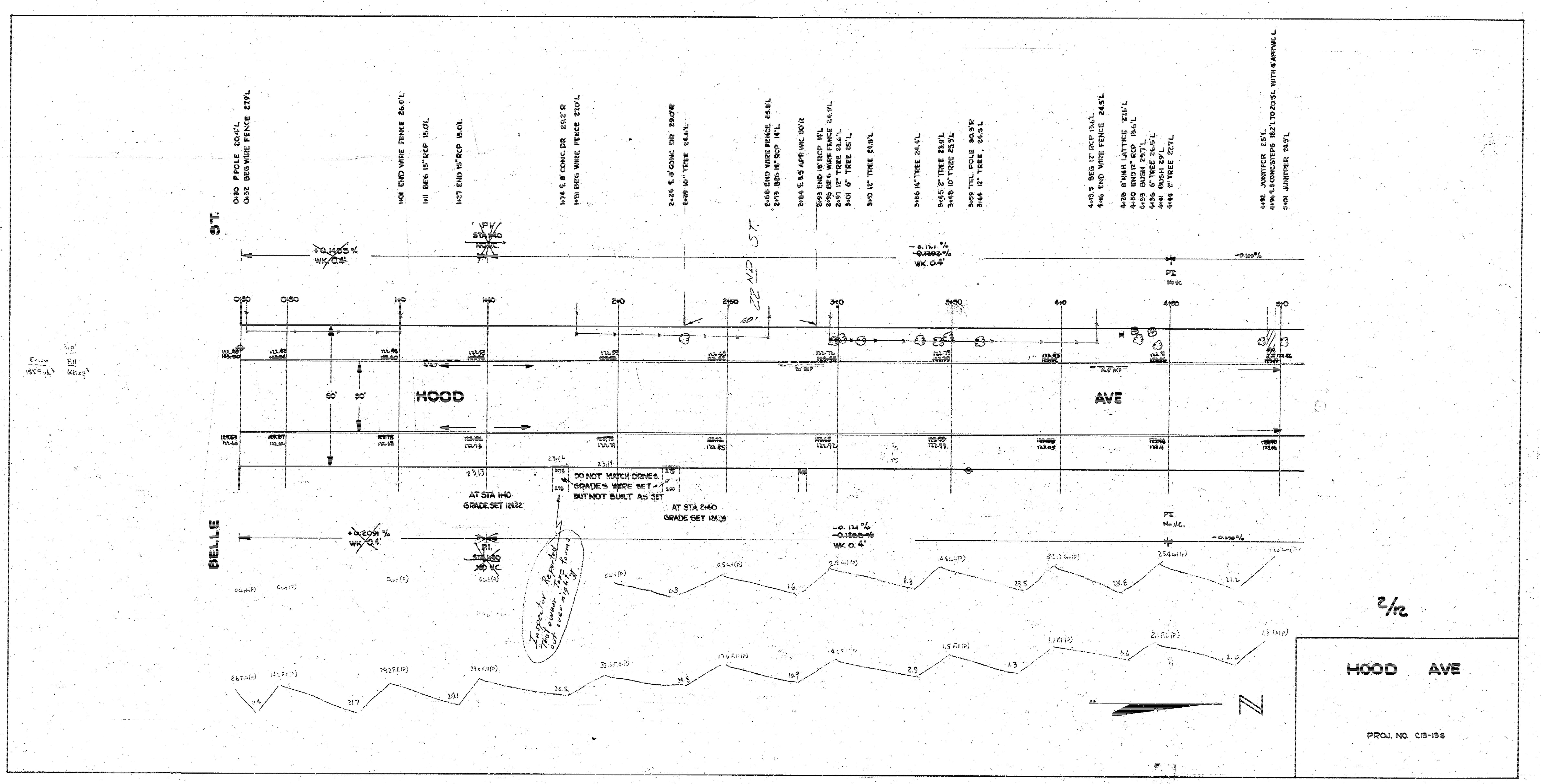
N.L. 21 ST TO S.L. 27TH

30' CONC & CURB

CITY OF WICHITA, KANSAS

B.E. SMITH
MAR 1954

CITY ENGINEER
PROJ. NO. C13-138


ST.
BELLE
HOOD
AVE
22ND 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+81 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 23.8'L
2+79 BEG 18" RCP 14'L
2+84 ℄ 3.5' APP WK 30'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' APP. WK. L.
5+01 JUNIPER 24.5'L
~~+0.1455%~~
~~WK. 0.4'~~
~~P.I.~~
~~STA 1+40~~
~~NO V.C.~~
-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'
~~+0.2091%~~
~~WK. 0.4'~~
~~P.I.~~
~~STA 1+40~~
~~100 V.C.~~
-0.121%
~~-0.1288%~~
WK. 0.4'
P.I.
No V.C.
-0.100%
23.13
23.16
23.19
0.5 cut(P)
0.3
cut(P)
0cut(P)
29.0 Fill(P)
30.5
32.5 Fill(P)
17.5 cut(P)
1.8 Fill(P)

AT STA 1+40
GRADE SET 124.22

DO NOT MATCH DRIVES.
GRADES WERE SET
BUT NOT BUILT AS SET

AT STA 2+40
GRADE SET 126.09

Inspector Reported
That owner Tore forms
out every night.

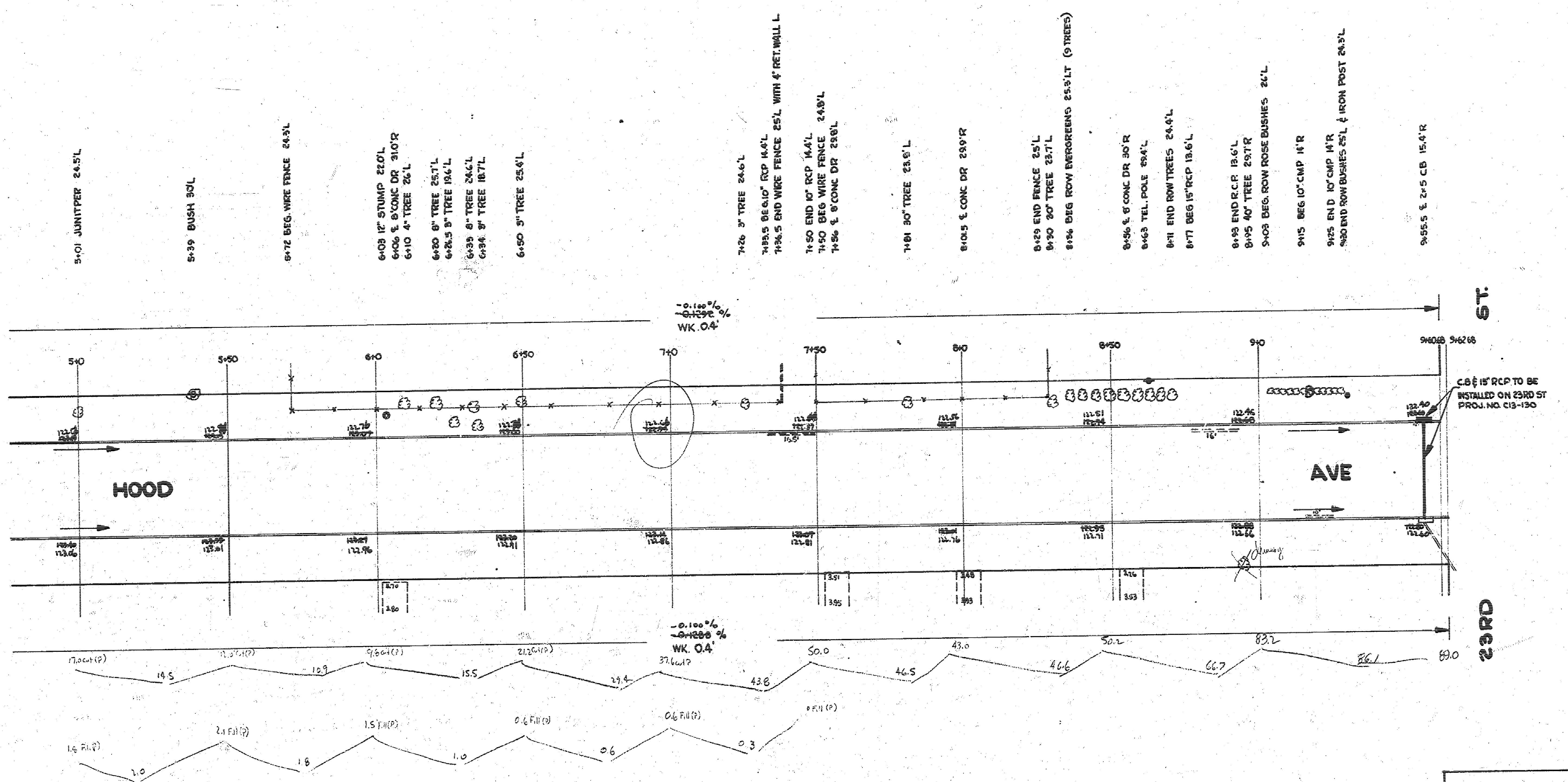
2/12

HOOD AVE

PROJ. NO. C13-138

9

Prop
Cut Fill
703.9 285.0


5+01 JUNIPER 24.5'L
5+39 BUSH 30'L
5+72 BEG. WIRE FENCE 24.9'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 9" TREE 24.6'L
7+33.5 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 29.9'L
7+81 30" TREE 23.8'L
8+00.5 ℄ 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
5+0
5+50
6+0
6+50
7+0
7+50
8+0
8+50
9+0
9+60.68
9+62.68
-0.100%
~~-0.1292%~~
WK. 0.4'
-0.100%
~~-0.1288%~~
WK. 0.4'
HOOD
AVE
ST.
23RD
C.B & 15" RCP TO BE INSTALLED ON 23RD ST PROJ. NO. C13-130
122.46
122.40
122.66
122.60
3.51
3.95
3.68
3.26
3.53
17.0 cut (P)
14.5
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)
2.0
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.

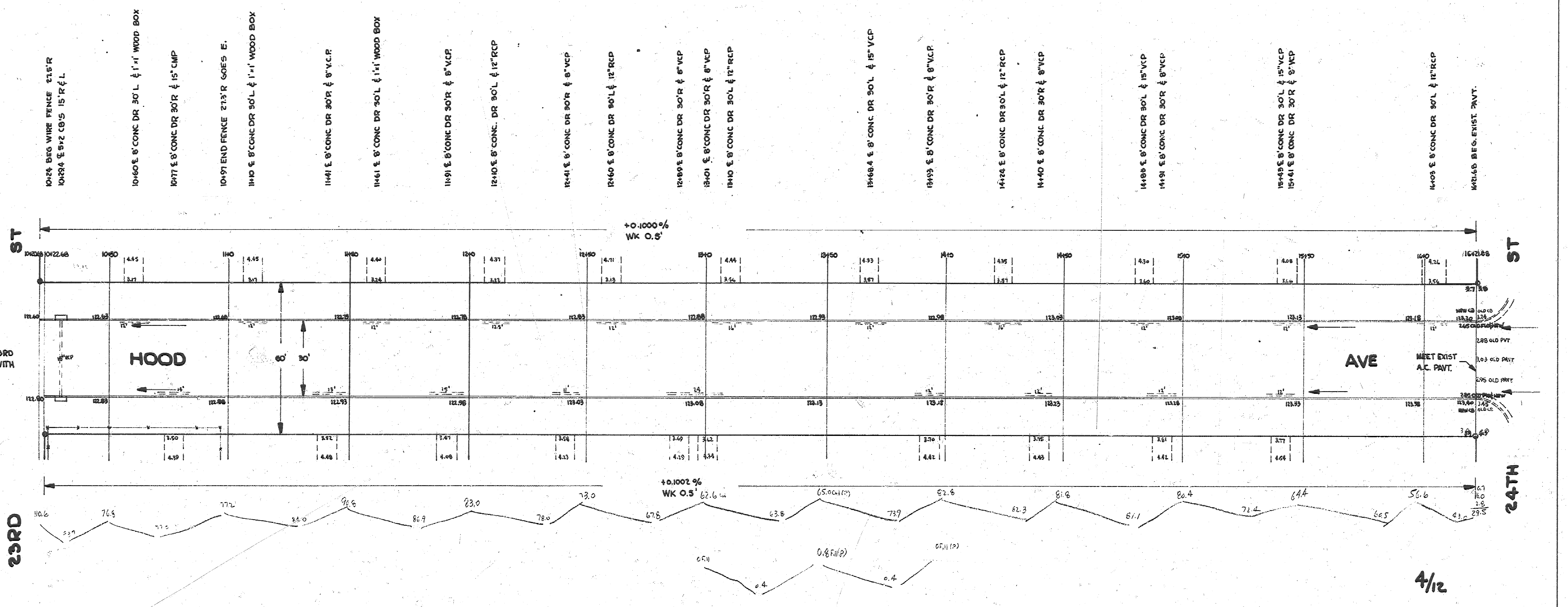
N

HOOD AVE

PROJ. NO. C13-138

9

B.M. SE COR CONC PORCH HO # 2401 HOOD ELEV 125.74


10+24 BEG WIRE FENCE 27.5'R
10+29.4 ℄ 9x2 CB'S 15'R ℄ L
10+60 ℄ 8' CONC DR 30'L ℄ 1'x1' 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'x1' WOOD BOX
11+41 ℄ 8' CONC DR 30'R ℄ 8" V.C.P.
11+61 ℄ 8' CONC DR 30'L ℄ 1'x1' WOOD BOX
11+91 ℄ 8' CONC DR 30'R ℄ 8" V.C.P.
12+10 ℄ 8' CONC. DR 30'L ℄ 12" RCP
12+41 ℄ 6' 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+88 ℄ 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+21.65 BEG. EXIST. PAVT.
+0.1000 %
WK 0.5'
+0.1002 %
WK 0.5'
ST
23RD
ST
24TH
HOOD
AVE
60'
30'
12'
MEET EXIST
A.C. PAVT.
2.88 OLD PVT
3.03 OLD PAVT
2.95 OLD PAVT
NEW CB
OLD CB
10+22.68
10+50
11+0
11+50
12+0
12+50
13+0
13+50
14+0
14+50
15+0
15+50
16+0
16+21.88
4.45
3.17
4.44
3.26
4.37
4.71
3.13
3.64
4.33
3.57
4.35
4.30
3.60
4.08
3.66
4.26
3.54
122.40
122.63
122.90
122.89
122.98
123.13
123.33
123.18
123.38
123.20
123.40
3.50
4.39
3.77
4.64
76.5
77.2
82.8
81.8
80.4
64.4
56.6
72.4
60.5
43.0
29.5

NOTE:

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

4/12

NOTE TO CONTRACTOR & INSPECTOR

MATCH ALL EXISTING DRIVES. BET. 23RD & 24TH ST.

N

HOOD AVE

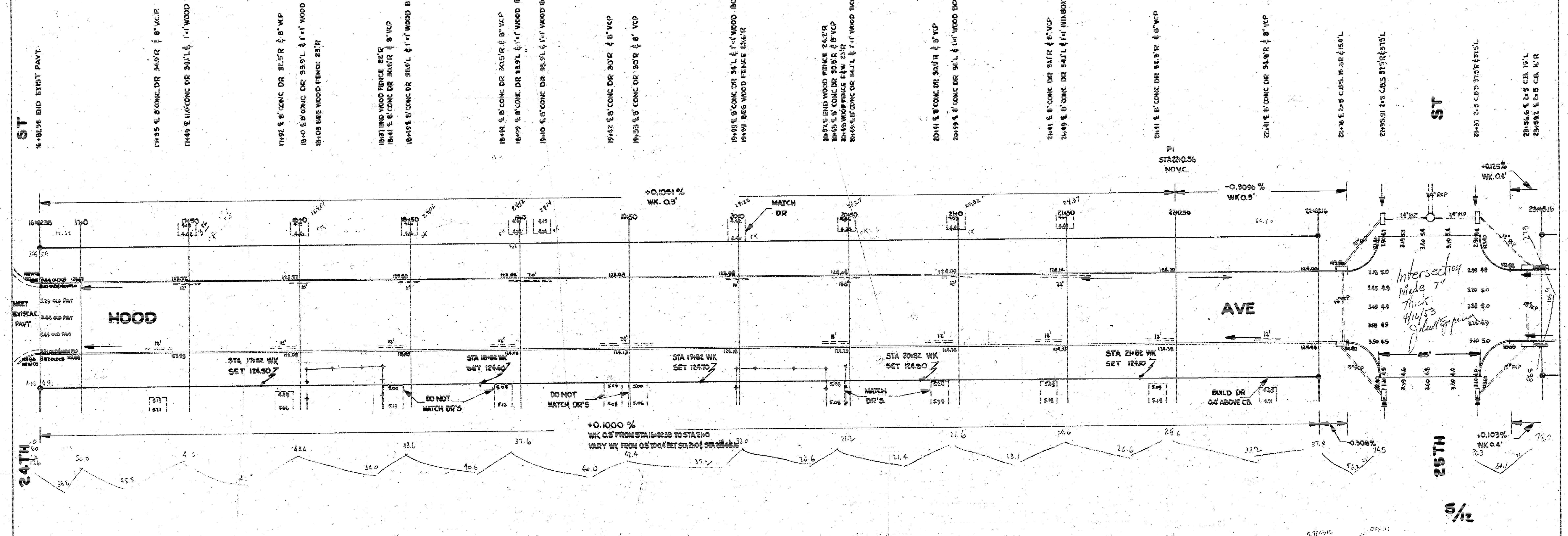
PROJ. NO. C13-138

9

B.M. 60d NAIL N.S. P.POLE S.W. 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
HOOD AVE
25TH ST
16+82.38 END EXIST PAVT.
MEET EXIST. AC. PAVT
PI STA 22+10.56 NO V.C.
+0.1051 % WK. 0.3'
-0.9096 % WK 0.5'
+0.1000 % WK 0.8' FROM STA 16+82.38 TO STA 21+0 VARY WK FROM 0.8' TO 0.6' BET STA 21+0 & STA 22+45.16
+0.125% WK. 0.4'
+0.103% WK 0.4'
-0.308%
MATCH DR
DO NOT MATCH DR'S
MATCH DR'S
BUILD DR 0.8' ABOVE CL
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
22+45.16
23+45.16
24" RCP
18" RCP
15" RCP
45'
S/12

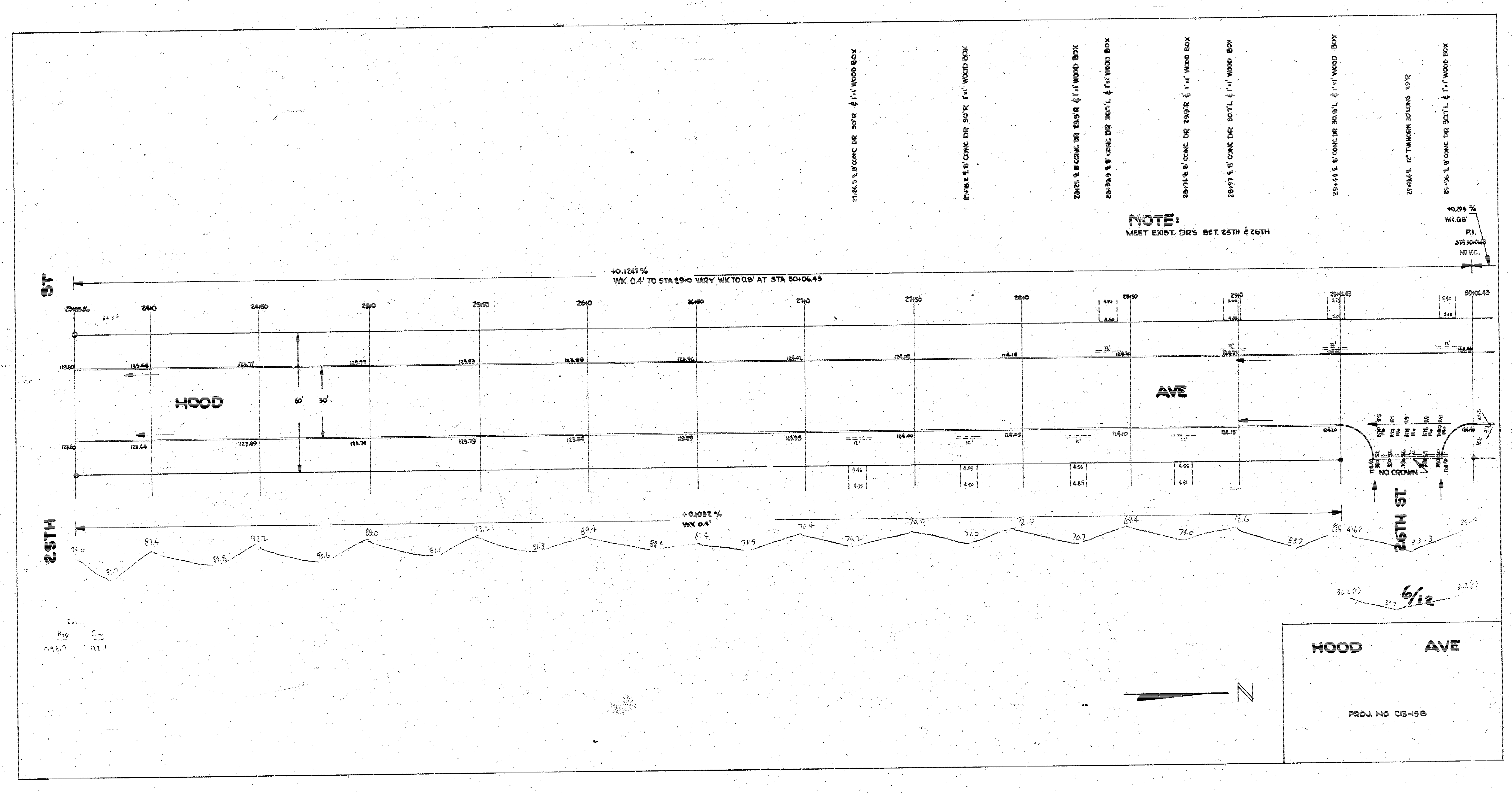
Intersection Made 7" Thick 4/16/53

NOTE:

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

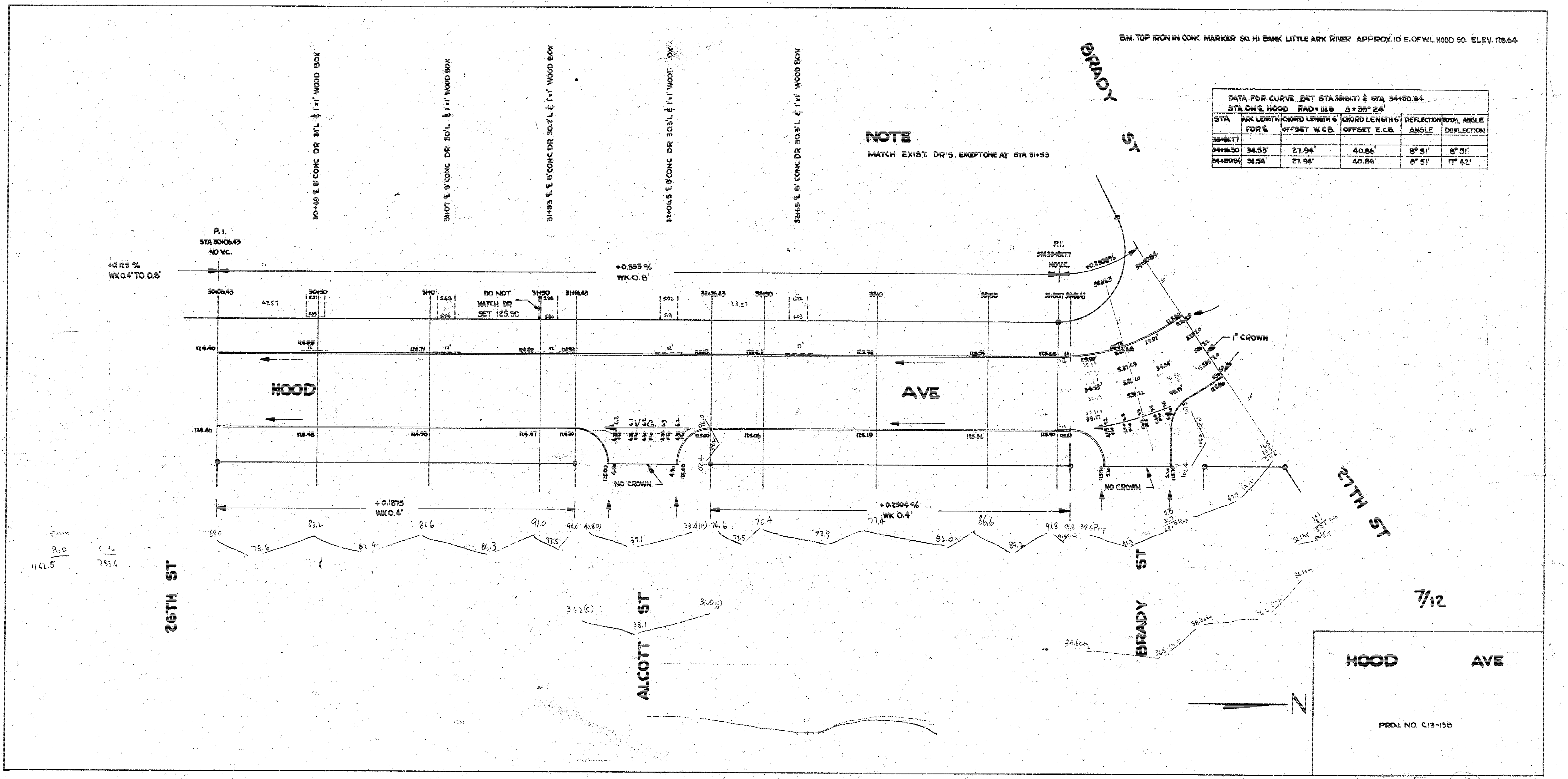
HOOD AVE

PROJ. NO C13-138


27+24.5 ℄ 8" CONC DR 30'R ₤ 1'x1' WOOD BOX
27+79.8 ℄ 8" CONC DR 30'R 1'x1' WOOD BOX
28+25 ℄ 8" CONC DR 29.5'R ₤ 1'x1' WOOD BOX
28+39.5 ℄ 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 30.7'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+96 ℄ 8" CONC DR 30.7'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
ST
25TH
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
124.30
124.33
124.50
123.60
123.64
123.69
123.74
123.79
123.84
123.89
123.95
124.00
124.05
124.10
124.15
124.30
124.40
HOOD
AVE
60'
30'
12'
NO CROWN
26TH ST
+0.1032 %
WK 0.4'
6/12
HOOD AVE
N
PROJ. NO C13-138

78.0
81.7
87.4
89.8
92.2
90.6
89.0
81.1
73.2
81.3
89.4
88.4
87.4
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)
34.3
Rig
1148.7
122.1

9


BRADY ST
HOOD
AVE
26TH ST
ALCOTT ST
BRADY ST
27TH ST
N
P.I. STA 30+06.43 NO V.C.
+0.125 % WK 0.4' TO 0.8'
+0.333 % WK 0.8'
P.I. STA 33+81.77 NO V.C.
+0.1875 WK 0.4'
+0.2594 % WK 0.4'
DO NOT MATCH DR SET 125.50
NO CROWN
NO CROWN
1" CROWN
30+49 ℄ 8" CONC DR 31'L & 1'x1' WOOD BOX
31+07 ℄ 8" CONC DR 30'L & 1'x1' WOOD BOX
31+55 ℄ ℄ 8" CONC DR 30.2'L & 1'x1' WOOD BOX
31+06.5 ℄ 8" CONC DR 30.5'L & 1'x1' WOOD BOX
31+65 ℄ 8" CONC DR 30.5'L & 1'x1' WOOD BOX

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

NOTE

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

DATA FOR CURVE BET STA 33+81.77 & STA 34+50.84
STA ON ℄ HOOD RAD = 111.6 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'

7/12

HOOD AVE

PROJ. NO. C13-136