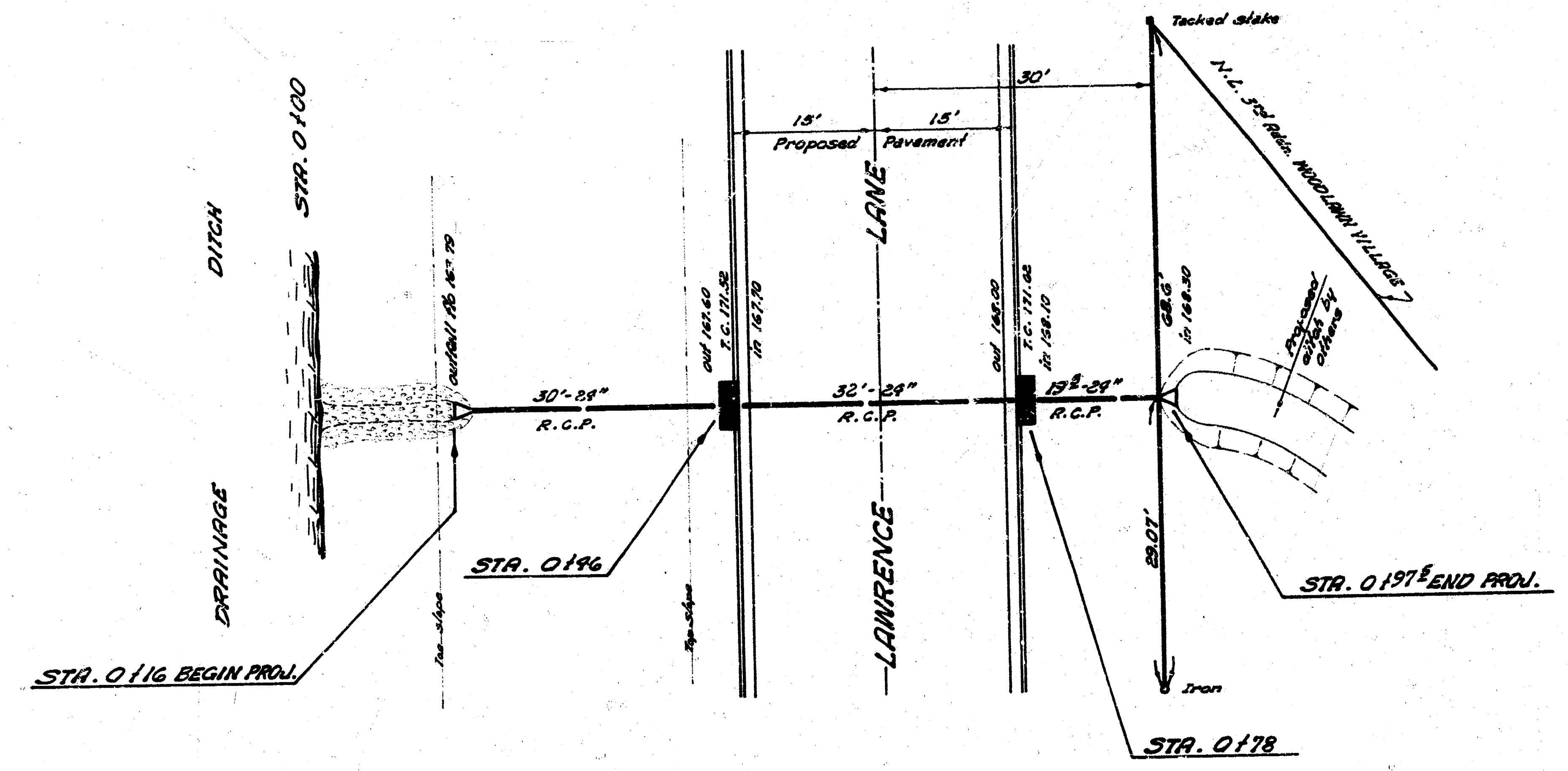
J. Glantz J.F.G.-136
D. Cramer

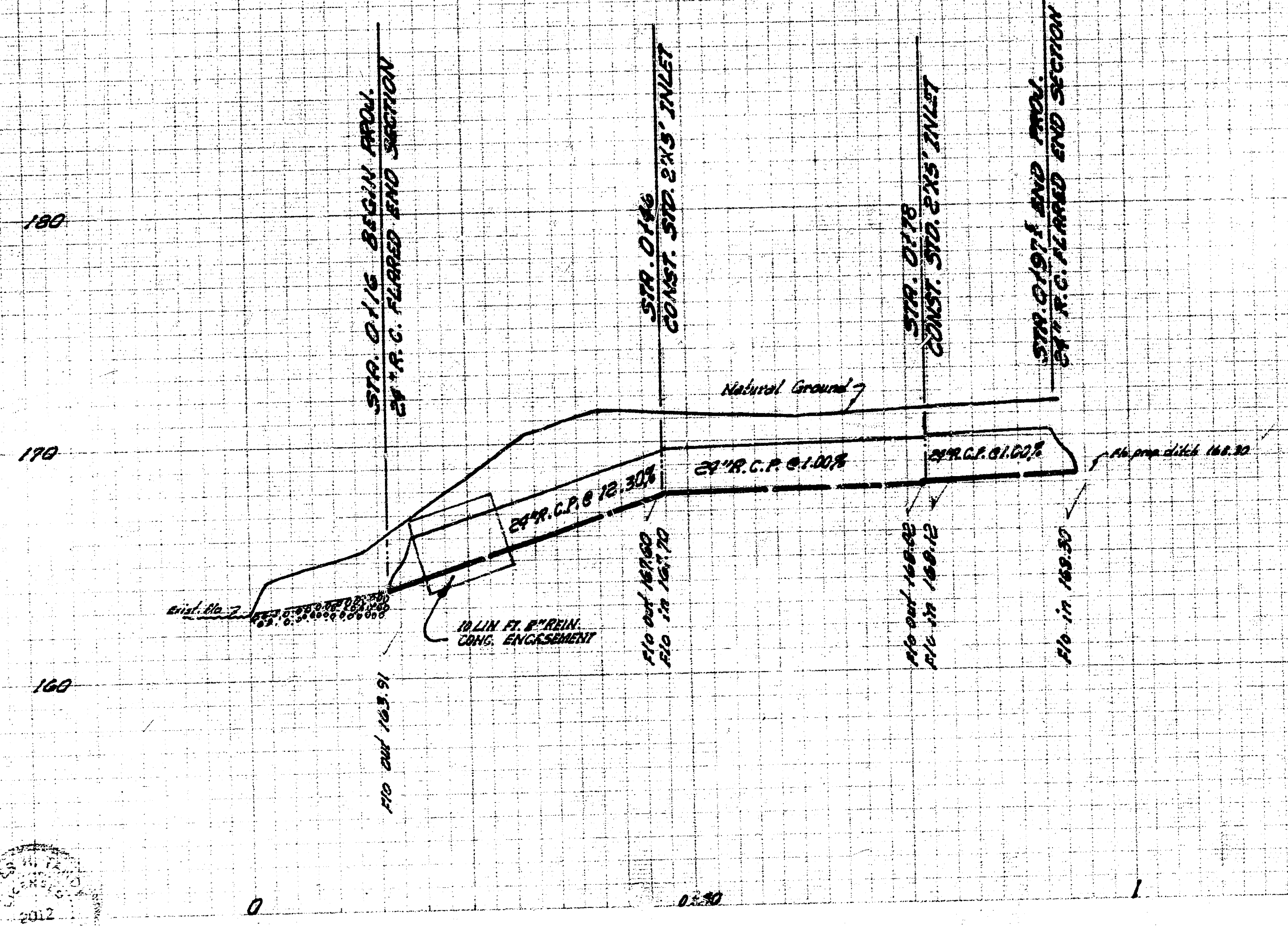

DRAINAGE DITCH
STA. 0+00
outfall flo 163.79
Toe-slope
30'-24" R.C.P.
STA. 0+16 BEGIN PROJ.
STA. 0+46
Top-slope
out 167.60
T.C. 171.52
in 167.70
15' Proposed
15' Pavement
30'
LAWRENCE — LANE
32'-24" R.C.P.
out 168.00
T.C. 171.02
in 168.10
19±-24" R.C.P.
STA. 0+78
Tacked stake
N.L. 3rd Addn. WOODLAWN VILLAGE
68.6'
in 168.30
29.07'
Iron
Proposed ditch by others
STA. 0+97± END PROJ.

NOTE TO CONTRACTOR

#1 - Mechanically compact backfill between Sta. 0+16 & 0+78
#2 - Flared end sections to be bid as lin ft. of pipe

PLAN SCALE 1" = 10'
PROFILE SCALE 1" = 10' HOR.
1" = 4' VERT.

B.M. 171.73 R.R. SPIKE W. S. P. POLE ON E. SIDE LAWRENCE LN. @ N.L. WOODLAWN VILLAGE 3RD ADDN.


180
170
160
STA. 0+16 BEGIN PROJ.
24" R.C. FLARED END SECTION
STA. 0+46
CONST. STD. 2'X5' INLET
STA. 0+78
CONST. STD. 2'X5' INLET
STA. 0+97± END PROJ.
24" R.C. FLARED END SECTION
Natural Ground
24" R.C.P. @ 12.30%
24" R.C.P. @ 1.00%
24" R.C.P. @ 1.00%
Flo prop. ditch 168.30
Exist. Elo.
10 LIN FT. 8" REIN. CONC. ENCASEMENT
Flo out 163.91
Flo out 167.60
Flo in 167.70
Flo out 168.02
Flo in 168.12
Flo in 168.30
0
0+50
1

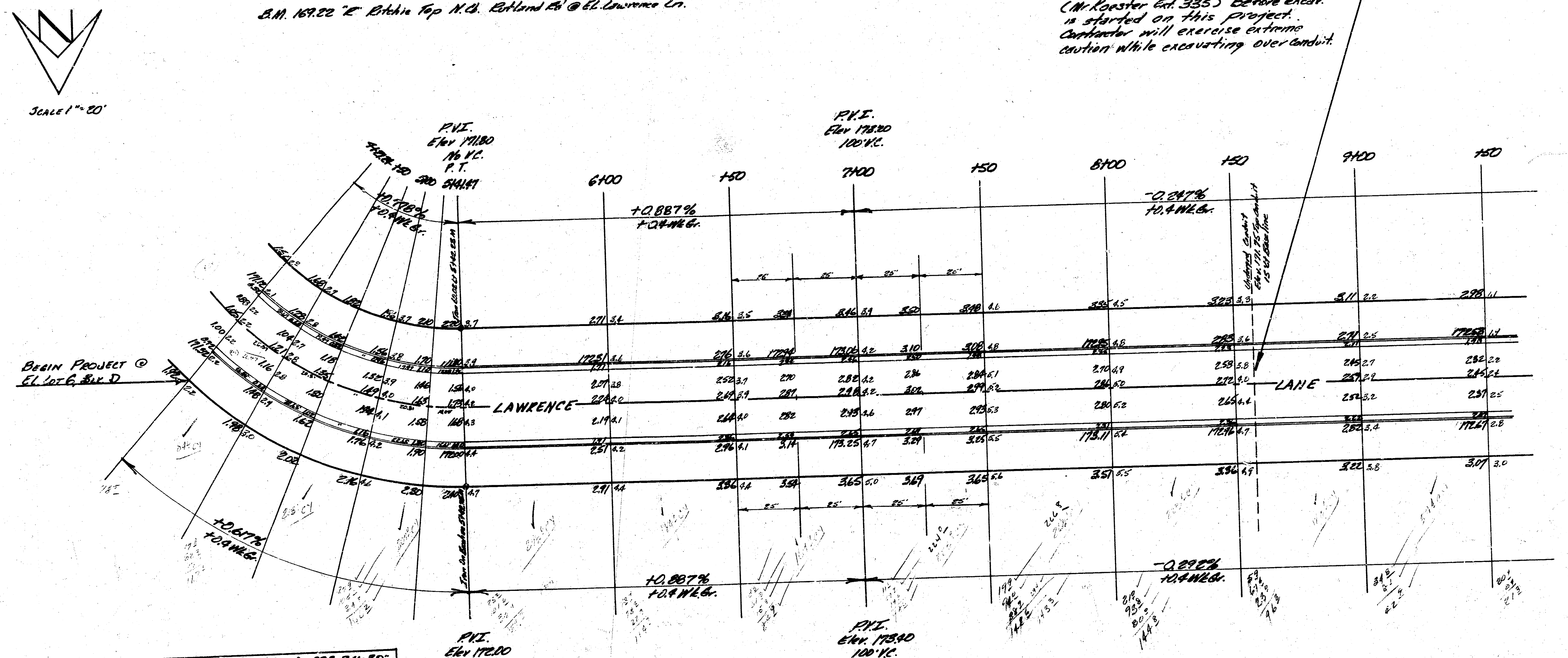
INCIDENTAL DRAINAGE
LAWRENCE LANE
E.L. LOT 6, BLK. D., 3RD ADDN. WOODLAWN
VILLAGE TO N.L. LOT. 14, BLK. D., SD. ADDN.
CITY OF WICHITA, KANSAS
B.E. SMITH, CITY ENGINEER
PROJ. NO. C13-8 DATE: MAR 1966

Survey Blunt Bk 156 186
Plan R.K.B.
Exc R.B.
Checked

NOTE TO CONTRACTOR:

Contractor Will Notify K.G.E. (Mr Koester Ext. 335) Before excav. is started on this project. Contractor will exercise extreme caution while excavating over conduit.

B.M. 169.22 "R" Ritchie Top N.Cb. Rutland Rd @ E.L. Lawrence Ln.


Scale 1" = 20'
P.V.I.
Elev 171.80
16' V.C.
P.T. 5+42.25
+0.776%
+0.4 W.G.
6+00
+50
7+00
+50
8+00
+50
9+00
+50
+0.887%
+0.4 W.G.
P.V.I.
Elev 178.20
100' V.C.
-0.292%
+0.4 W.G.
Begin Project @ E.L. Lot 6, Blk D
LAWRENCE
LANE
+0.617%
+0.4 W.G.
+0.887%
+0.4 W.G.
-0.292%
+0.4 W.G.
P.V.I.
Elev 172.00
16' V.C.
P.V.I.
Elev 173.40
100' V.C.

CURVE DATA BASED ON E. R. R=160' Δ 89° 36' 30"					
Sta	Arc	Chd 8' @ N Cb	Chd 8' @ S Cb	Deflection	Total Defl's
P.C. 2+92					
4+21.24	129.24	120.26'	84.10'	23° 08' 27"	25° 08' 27"
+50	28.76	27.46'	19.21'	5° 08' 57"	28° 17' 24"
+75	25.0	23.88'	16.70'	4° 28' 35"	32° 45' 59"
5+00	"	"	"	" " "	37° 14' 34"
+25	25.0	23.88'	16.70'	4° 28' 35"	41° 43' 09"
P.T. 5+42.25	19.25	16.47'	11.52'	3° 05' 06"	44° 48' 15"

10.7430 Min. I Ft.

Excavation
Prop.
2127.9
~~2225.9~~* C.Y.
222.6 +10%
2448.5 C.Y. Total

* Includes 100 C.Y. Ditch Excav.

JAMES H. 2012 KANSAS

Comp. Fill
Prop.
462.2
~~450.2~~ C.Y.
45.0 +10%
495.2 C.Y. Total

Sl
Ex 357

4085 KANSAS

B. E. SMITH 436 KANSAS

LAWRENCE LANE

E.L. Lot 6, Blk. D, 3rd. Addn. Woodlawn Village
To N.L. Lot 14, Blk. D, 3rd Addn. Woodlawn Village

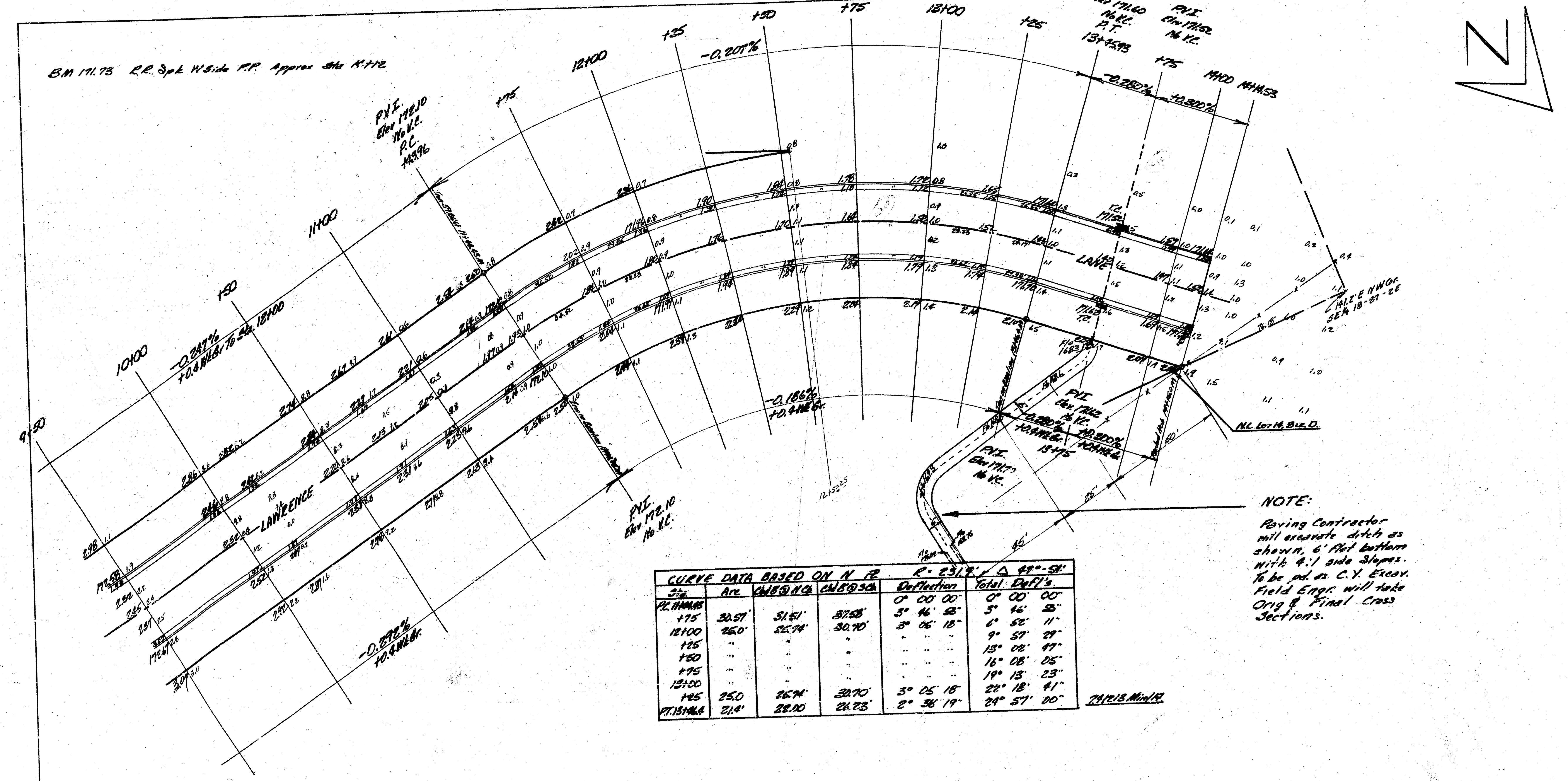
26' - 2' - 30' A.C.

City Of Wichita, Kansas
B.E. Smith City Engineer
Date MAR. 1966 Prou. C13-8

1/3

14-Eng
1-Wade

BM 171.73 R.R. Spk W Side P.P. Approx Sta 11+12


9+50
10+00
+50
11+00
+75
12+00
+25
+50
+75
12+00
+25
+75
14+00
LAWRENCE
LANE
-0.287%
-0.207%
-0.186%
-0.250%
+0.500%
P.V.I. Elev 172.10 No V.C. P.C. 11+43.96
P.V.I. Elev 172.10 No V.C.
P.V.I. Elev 171.60 No V.C. P.T. 13+
P.V.I. Elev 171.52 No V.C.
P.V.I. Elev 171.77 No V.C.
N.L. Lot 14, Blk. D.
6'
45'
25'
50'

CURVE DATA BASED ON N ℄ R = 231.9' Δ 49°-54'

Sta.	Arc	Ch'd@N Ch.	Ch'd@S Ch.	Deflection	Total Defl's.
P.C. 11+44.43				0° 00' 00"	0° 00' 00"
+75	30.57'	31.51'	37.58'	3° 46' 53"	3° 46' 53"
12+00	25.0'	25.74'	30.70'	3° 06' 18"	6° 52' 11"
+25	"	"	"	" " "	9° 57' 29"
+50	"	"	"	" " "	13° 02' 47"
+75	"	"	"	" " "	16° 08' 05"
13+00	"	"	"	" " "	19° 13' 23"
+25	25.0	25.74'	30.70'	3° 05' 18"	22° 18' 41"
P.T. 13+46.4	21.4'	22.00'	26.23'	2° 38' 19"	24° 57' 00"

7.4/1213 Min/ft.

NOTE:

Paving Contractor will excavate ditch as shown, 6' Flat bottom with 4:1 side Slopes. To be pd. as C.Y. Excav. Field Engr. will take Orig & Final Cross Sections.

2/3