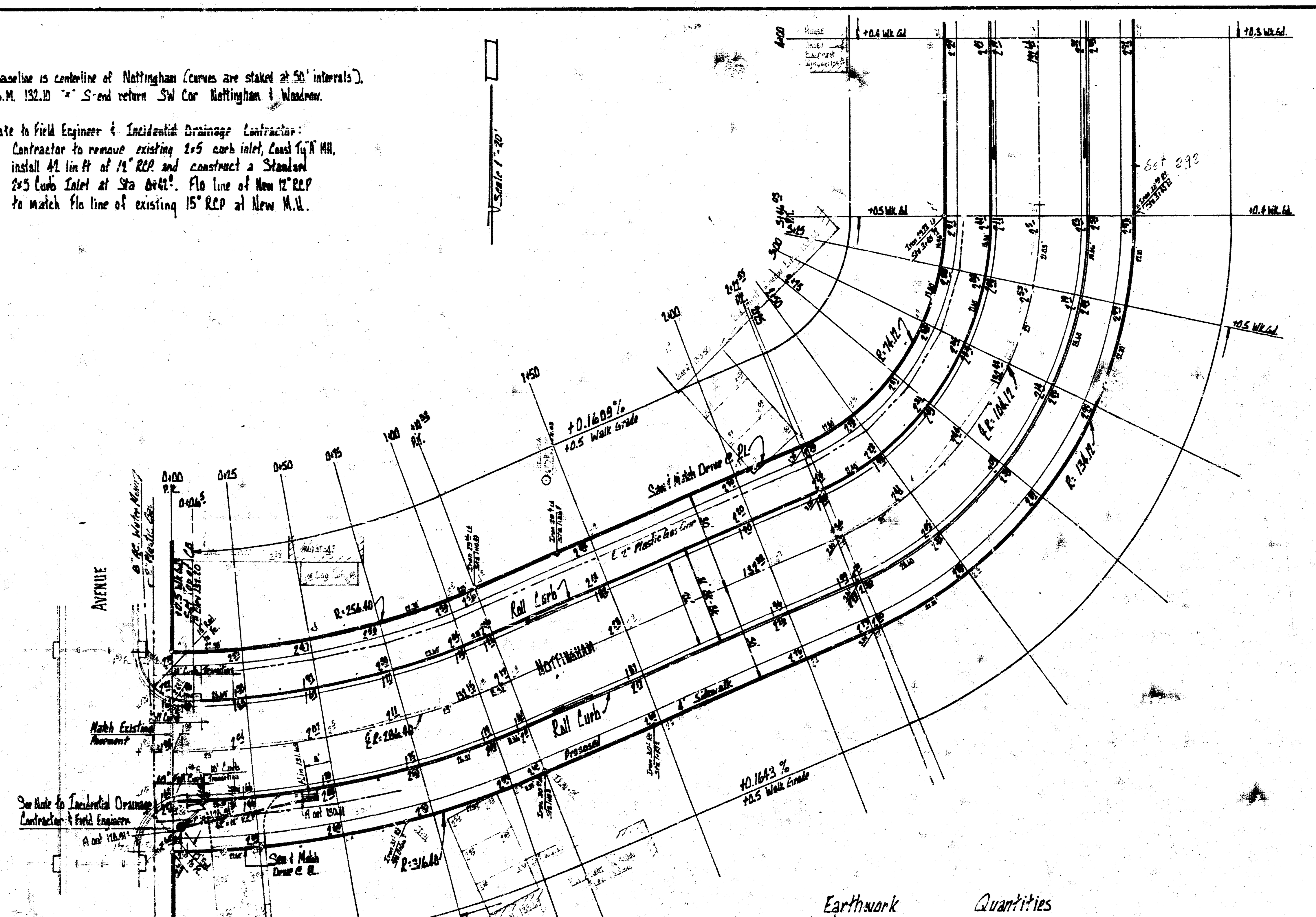
Survey : Krus Bk: DLK 167
Plan : J. Ukena
Excavation: J. Ukena
Checked: ______

Baseline is centerline of Nottingham (curves are staked at 50' intervals).
B.M. 132.10 "x" S-end return SW Cor Nottingham & Woodrow.

Note to Field Engineer & Incidential Drainage Contractor:
Contractor to remove existing 2x5 curb inlet, Const Ty A MH, install 42 lin ft of 12" RCP and construct a Standard 2x5 Curb Inlet at Sta 0+42±. Flo line of New 12" RCP to match flo line of existing 15" RCP at New M.H.



CAUTION
UNDERGROUND UTILITIES

Δ 22°04'10" R. 286.40 55.85' 110.51 109.65

CURVE DATA BASED ON 286.40 C.L. RAD. Δ/2 11°02'05"					
STA.	ARC	CHORD LENGTH ℄ off N C.	CHORD LENGTH ℄ off S C.	DEFLECTION	TOTAL DEFLECTION
0+00 P.C.	—	—	—	—	0°00'00"
0+25	25'	23.00	27.00	2°30'02"	2°30'02"
0+50	25'	23.00	27.00	2°30'02"	5°00'04"
0+75	25'	23.00	27.00	2°30'02"	7°30'06"
1+00	25'	23.00	27.00	2°30'02"	10°00'08"
1+10.32 P.T.	10.32'	9.50	11.14	1°01'57"	11°02'05"

Deflection = 6.0016 min/ft.

Δ 67°57' R. = 104.12 T. = 70.16 L. = 123.48 L.C. = 116.37

CURVE DATA BASED ON 104.12 C.L. RAD. Δ/2 = 33°58'30"					
STA.	ARC.	CHORD LENGTH ℄ off N C.	CHORD LENGTH ℄ off S C.	DEFLECTION	TOTAL DEFLECTION
2+42.55 P.C.	—	—	—	—	0°00'00"
2+25	2.45'	1.91	2.99	0°40'27"	0°40'27"
2+50	25'	19.48	30.52	6°52'43"	7°33'10"
2+75	25'	19.48	30.52	6°52'43"	14°25'53"
3+00	25'	19.48	30.52	6°52'43"	21°18'36"
3+25	25'	19.48	30.52	6°52'43"	28°11'19"
3+46.03 P.T.	21.03'	16.38	26.68	5°47'11"	33°58'30"

Deflection = 16.5085 min/ft.

General Notes

1. Contractor to clear and grade parking for proposed sidewalk. Sidewalk to be built by "Others".
2. Type of subgrade treatment shall be as determined by the Field Engineer. Subgrade treatment may consist of Lime or Cement treatment, subgrade modification, or any combination of these.
3. Bid item of "Borrow Material" is to include all costs of acquiring, excavating and delivering material to the project for the use of compacted or loose fill.

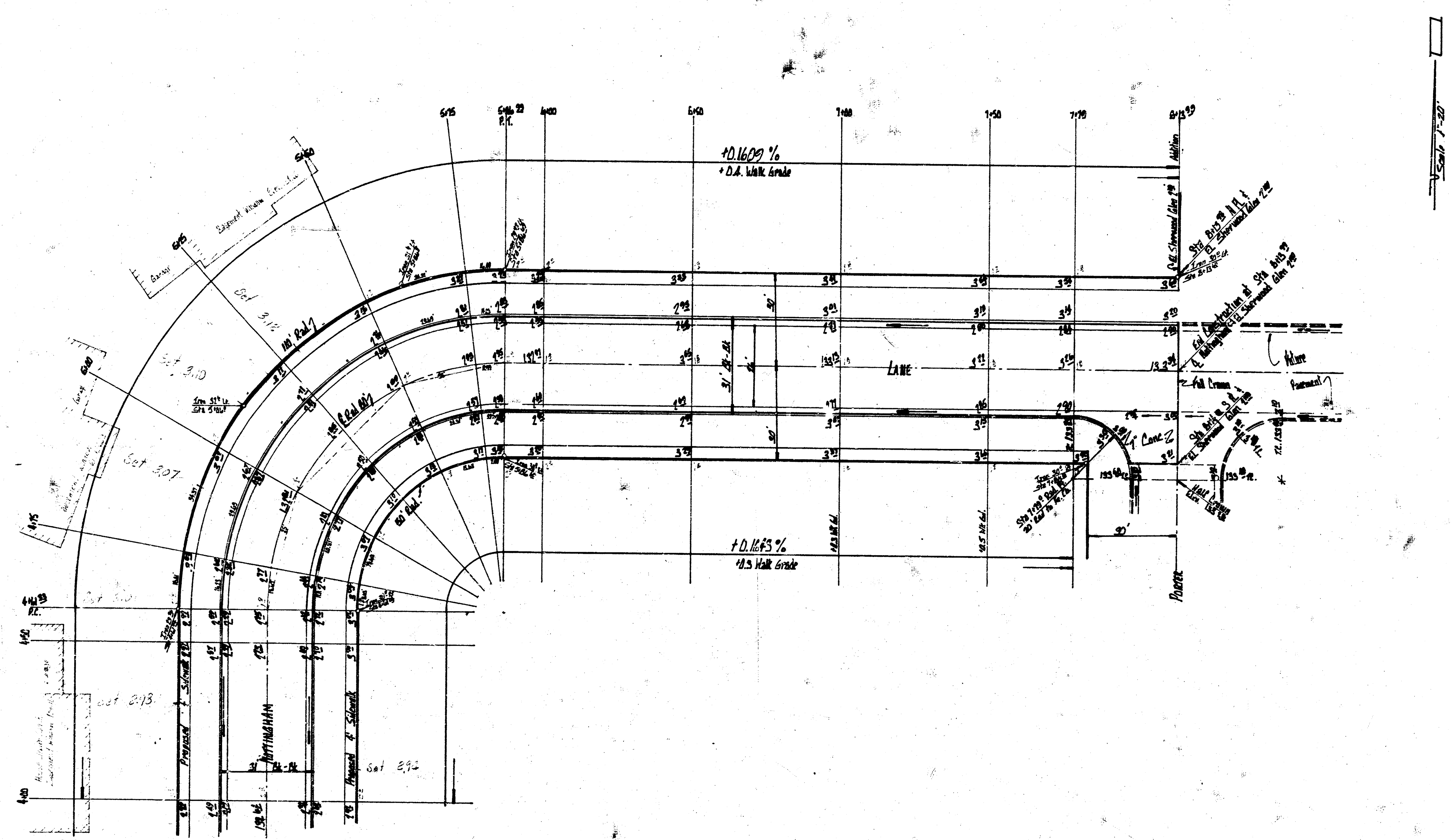
Earthwork Quantities

Excavation Property		Excavation City	Compacted Fill Property		Compacted Fill City	Borrow Property		Borrow City
464.8	Cu.Yds.	0	206.5	Cu.Yds.	24.6	391.4	Cu.Yds.	70.5
46.5	+10%	0	20.7	+10%	2.5	—		—
511.3	Cu.Yds.	0	227.2	Cu.Yds.	27.1	391.4	Cu.Yds.	70.5
Treated Subgrade			3,020 sq.Yds Property			90 sq.Yds City		

DONALD E. SCHNEIDER
LICENSED
6311
KANSAS
PROFESSIONAL ENGINEER

INCIDENTIAL DRAINAGE

Nottingham Lane
from the EL of Woodrow Avenue to the EL of Sherwood Glen 2nd Addition
26-2-30 Asphaltic Concrete
R.W. LINN City Engineer
City of Wichita, Kansas
Project Number DAKS 565007
DATE: Sept. 1973 SHEET 1 of 4

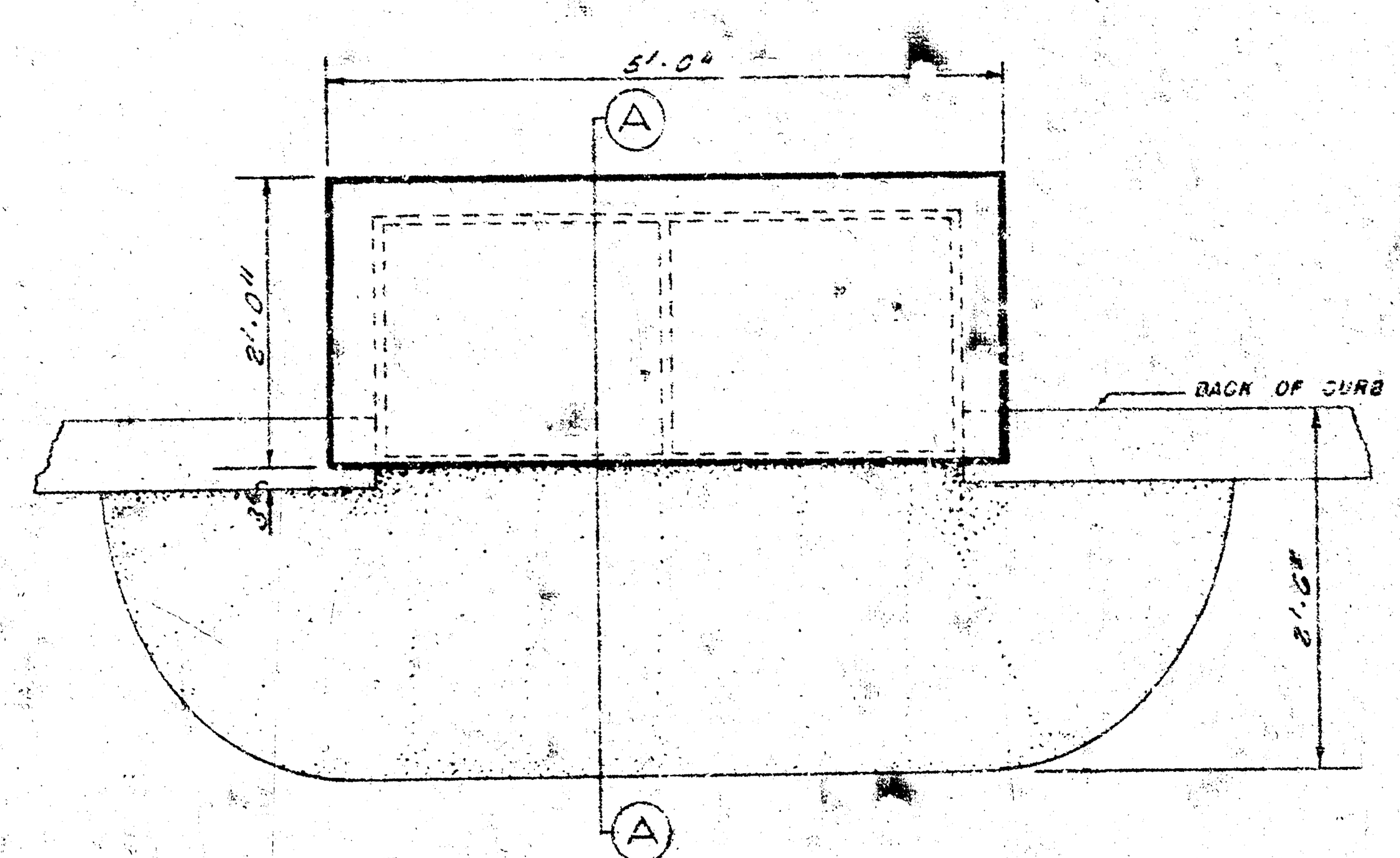


Δ = 90° R. = 80' T. = 80' L. = 125.66' L.C. = 113.14'

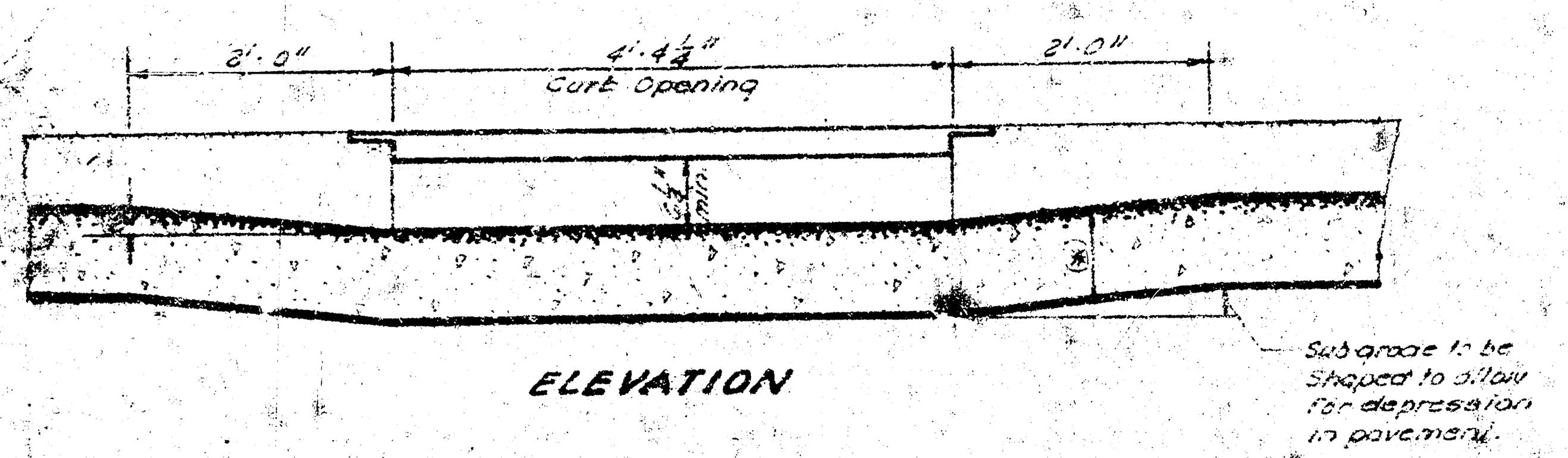
CURVE DATA BASED ON 80' C.L. RAD. Δ/2 = 45°					
STA.	ARC.	CHORD LENGTH ℄ OFF ℄ CB	CHORD LENGTH ℄ OFF S CB	DEFLECTION	TOTAL DEFLECTION
4+61.33 PC	—	—	—	—	0°00'00"
4+75	13.67	17.60	9.16	4°53'43"	4°53'43"
5+00	25	32.19	17.81	8°57'10"	13°50'53"
5+25	25	32.19	17.81	8°57'10"	22°48'03"
5+50	25	32.19	17.81	8°57'10"	31°45'13"
5+75	25	32.19	17.81	8°57'10"	40°42'23"
5+86.99 PT	11.99	15.44	8.54	4°17'37	45°00'00"

Deflection = 21.4859 min/ft.

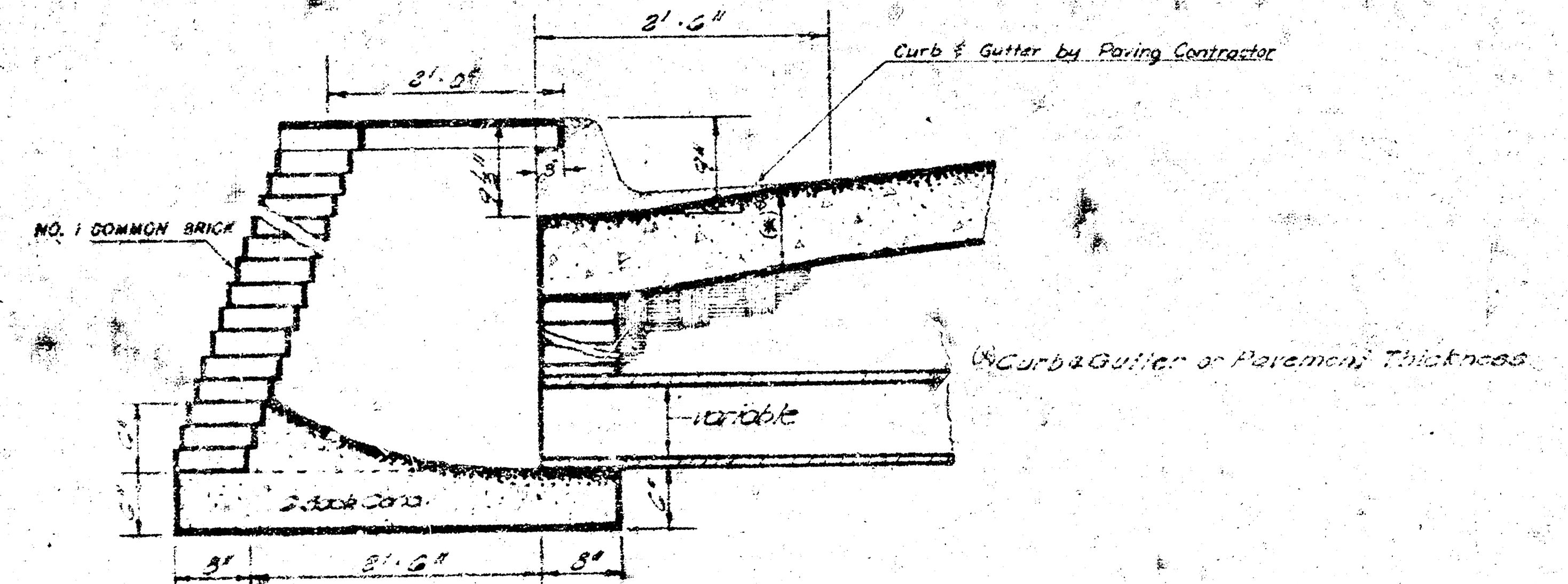
Nottingham Lane
from the EL of Woodrow Avenue to the EL of Sherwood Glen 2nd Addition
DAKS 565007 Sheet 2a of 4



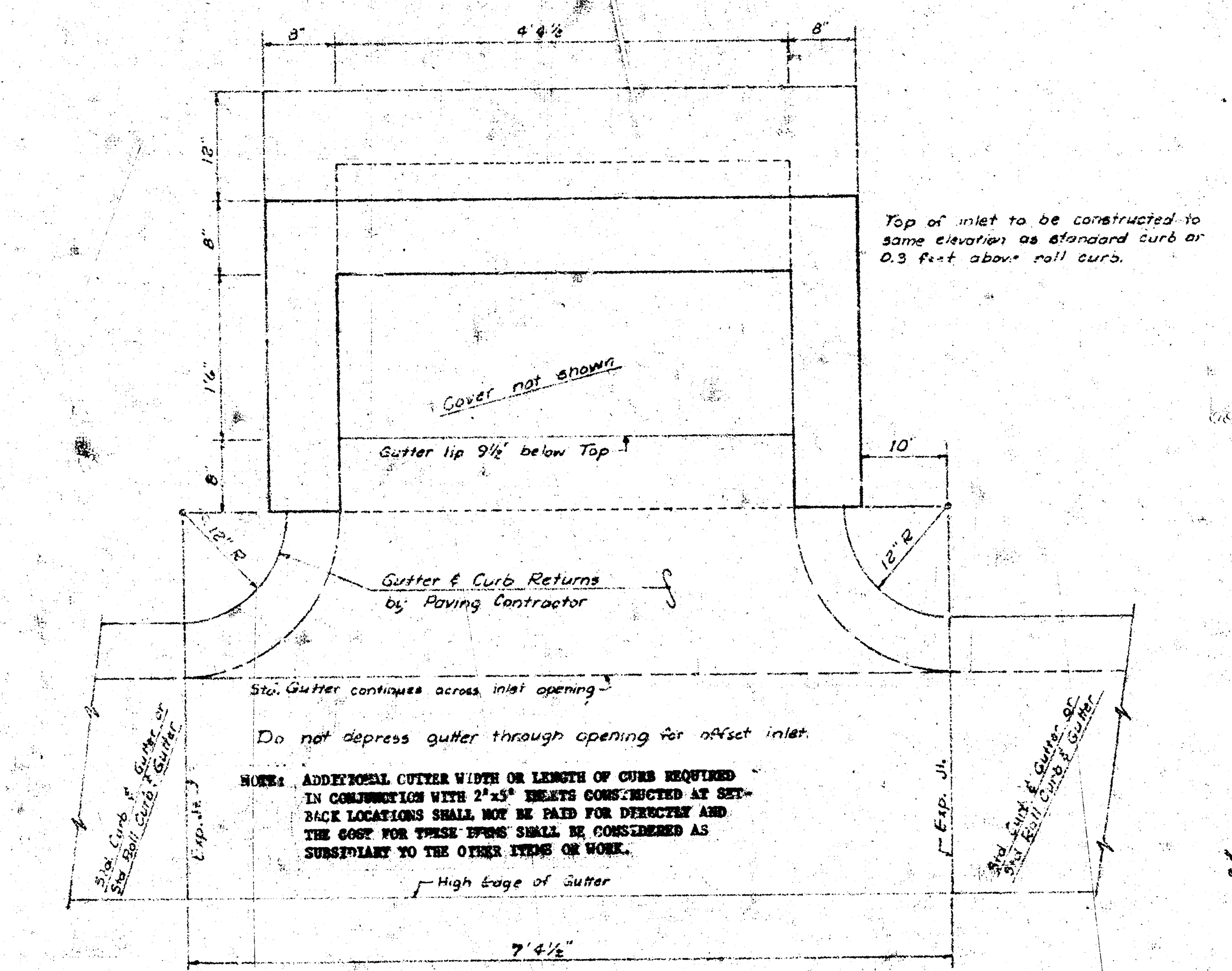
PLAN



ELEVATION



SECTION THRU INLET
2'x5' INLET DETAIL
Scale 1" = 1'-0"

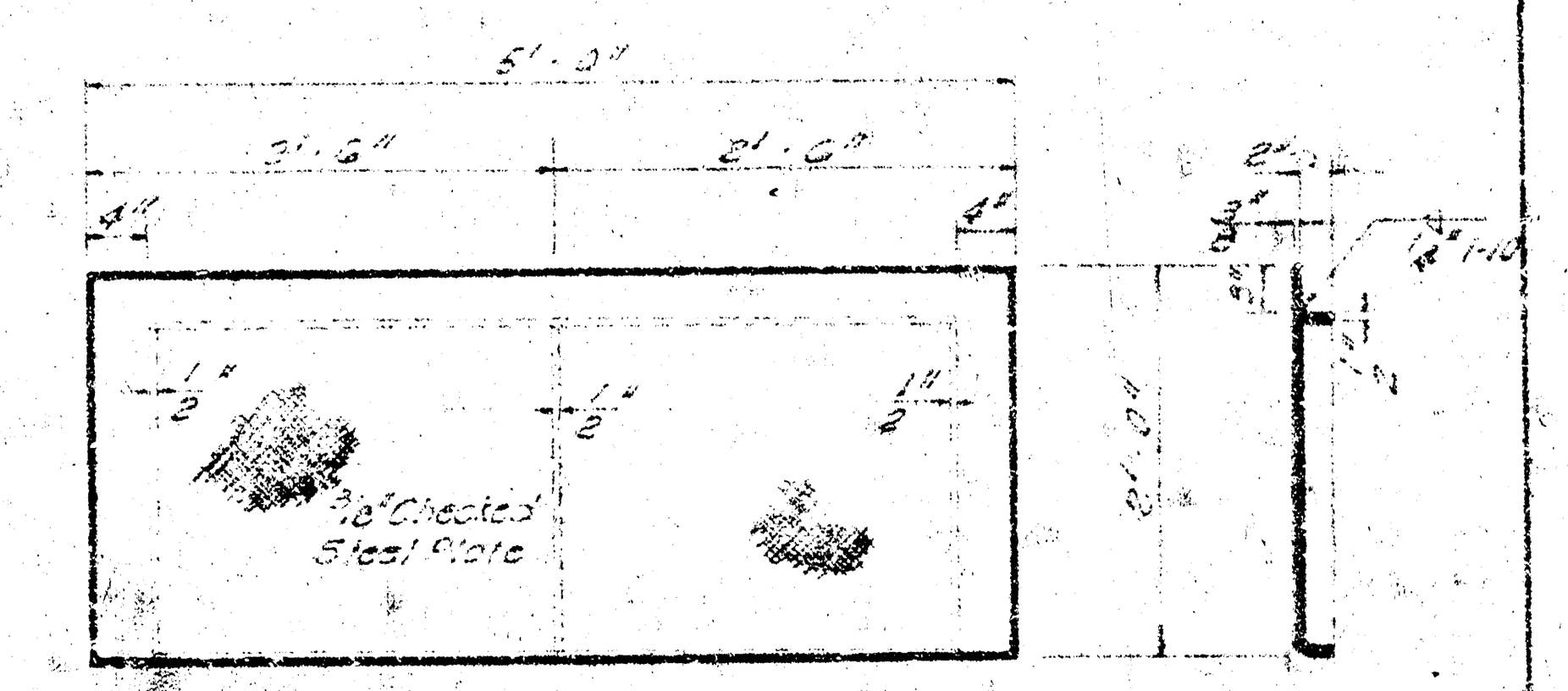


PLAN
STANDARD 2'x5' INLET AT SET-BACK LOCATION
Scale: 1"=1'0"

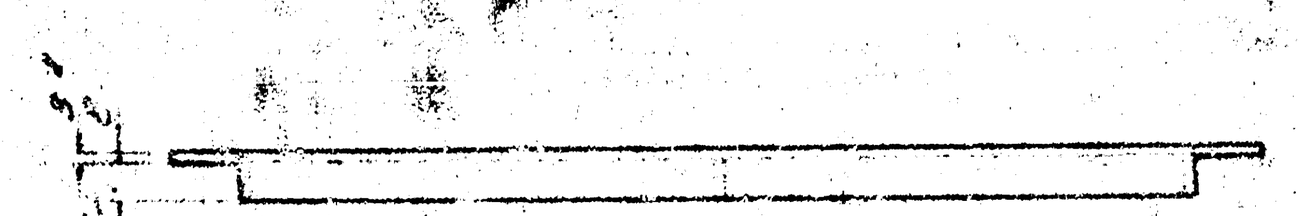
DETAIL
STANDARD 2'x 5' INLET.
CITY OF WICHITA, KANSAS

R. W. LINN CITY ENGINEER

SEPT. 1973



PLAN SECTION



ELEVATION

CITY OF WICHITA
STEEL INLET COVER

Sheet 2b of 4