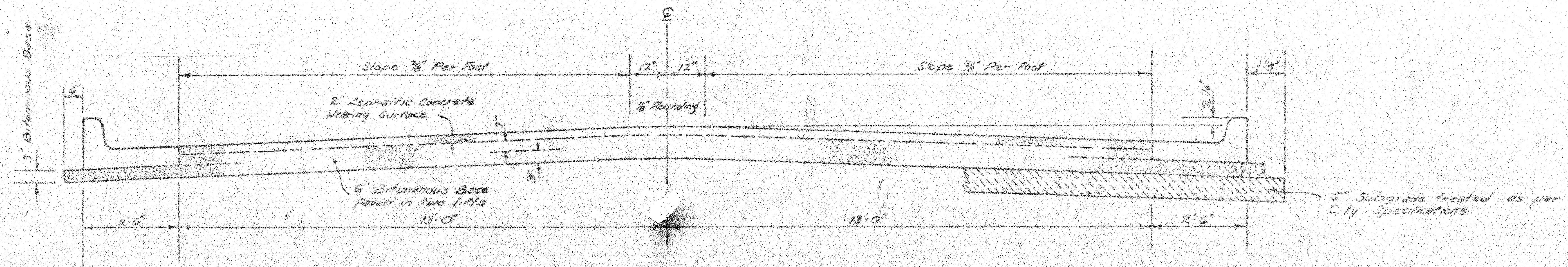


LAWRENCE LANE

S.L. ROCKHURST 2ND ADDN. TO N.L. ROCKHURST 2ND ADDN.



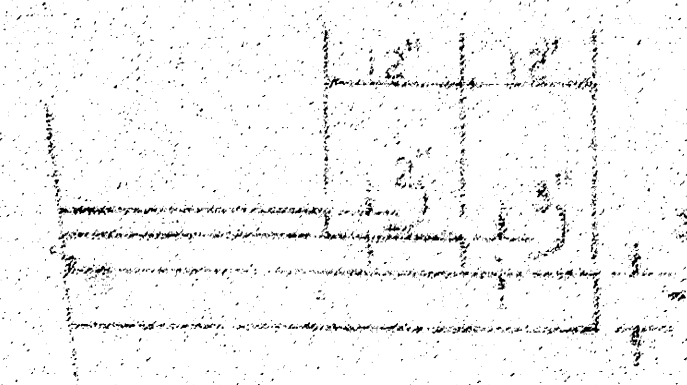
TYPICAL SECTION

3' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

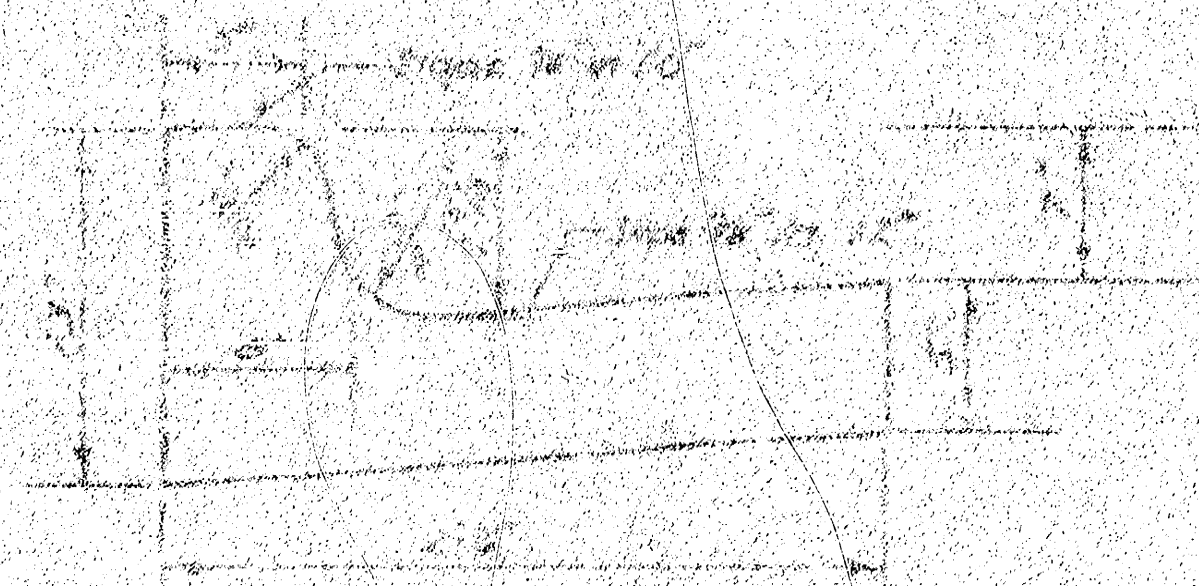
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



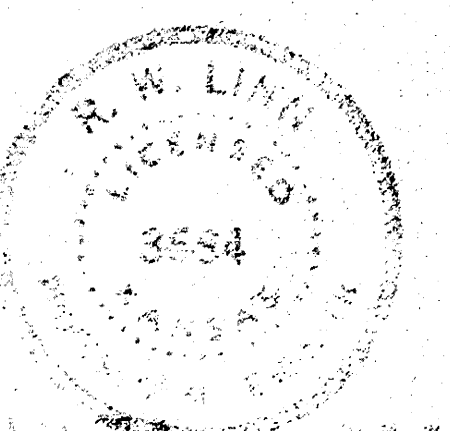
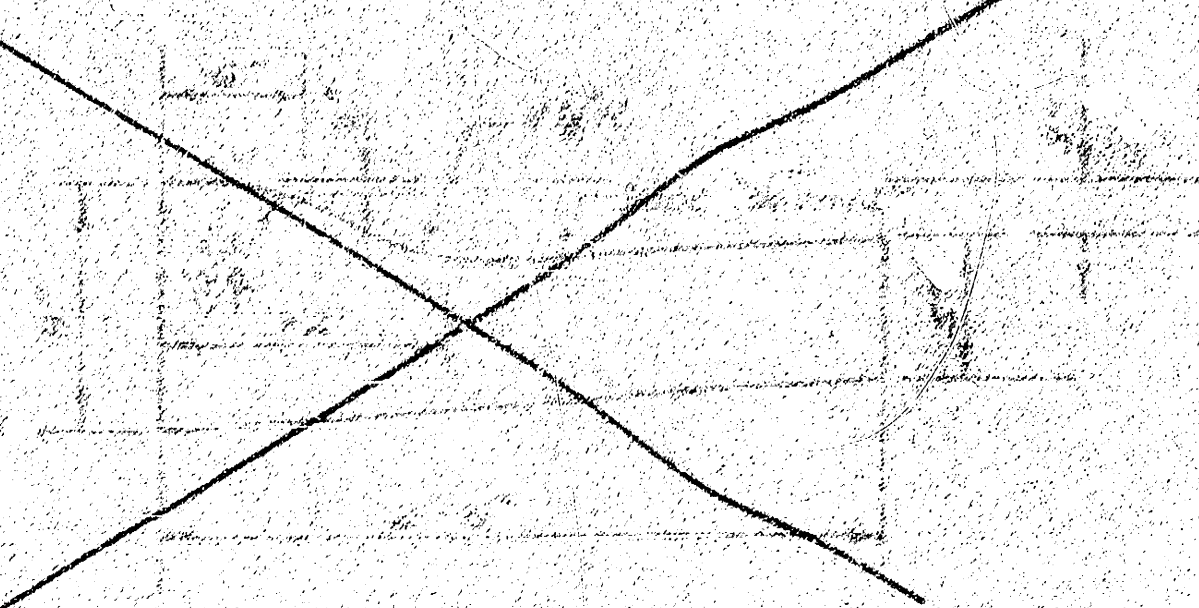
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

The A.C. pavement between the Comb. Curb & Gutter and the 3' Bituminous Base shall be paid as 3' A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as 3' Bituminous Base.

COMBINED CURB & GUTTER



ROLL THE CURB & GUTTER



CITY OF WICHITA, KANSAS

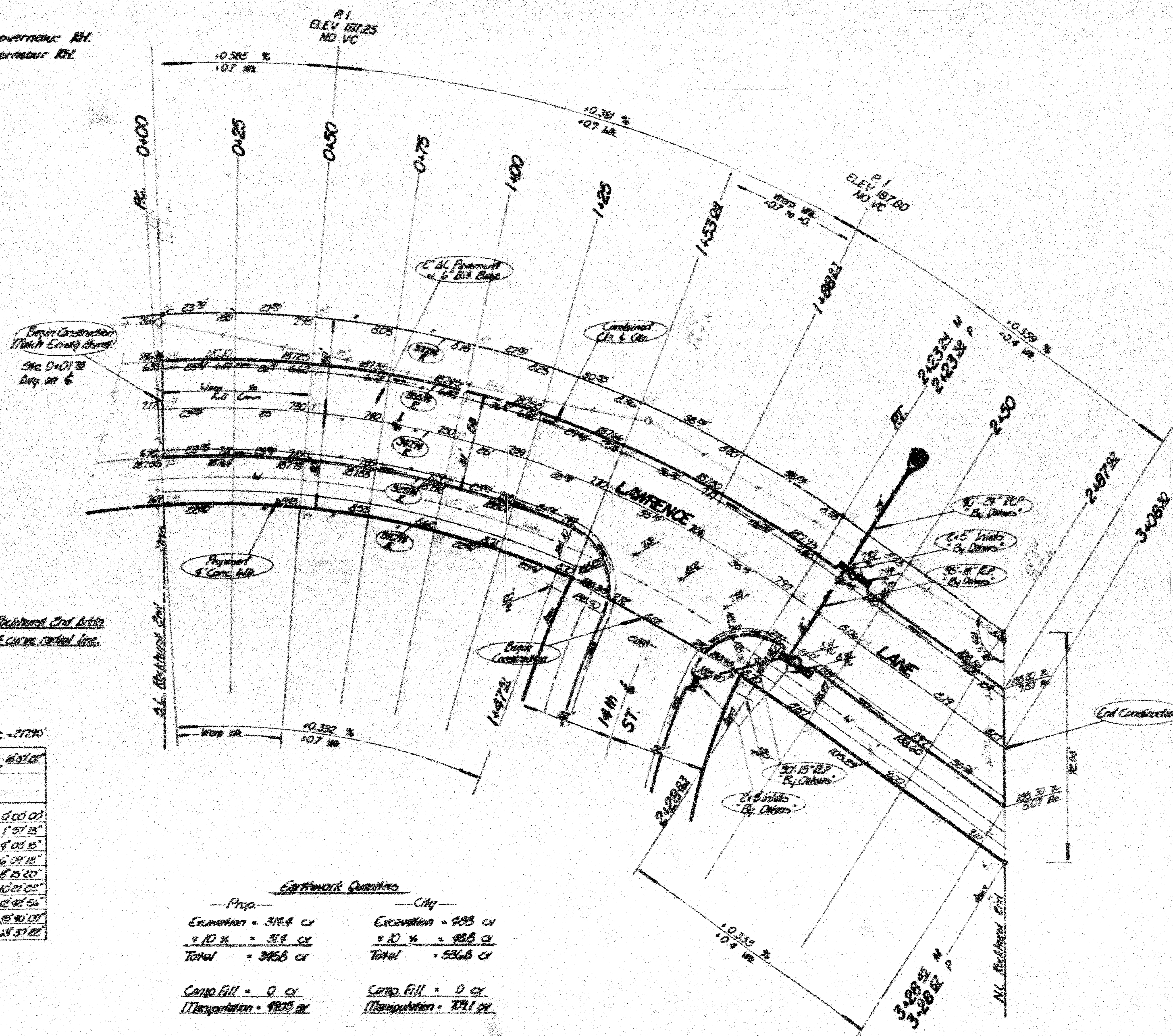
DEPARTMENT OF PUBLIC WORKS - ENGINEER

R. W. LINN CITY ENGINEER

DATE: SEPT. 1976 DRAWING NO. DAKS 576029

B.M. 197.82 City St. N.E. Cor. 23rd & Gouverneur St.
B.M. 200.97 R.R. Spk. W.S. P.P. 14th, Gouverneur St.
& 53. 14th St. N.E.

Baseline is 6 Lawrence Lane.



Note: S.L. Rockhurst End Station
is not curve radial line.

Δ = 57°16'44" R = 390.74' T = 114.87' L = 221.65' LC = 272.75'

STA	Δ	R	T	L	LC	Station
0+00.00	—	—	—	0+00.00	0+00.00	0+00.00
0+25	23.25	24.81	21.66	1' 57' 15"	1' 57' 15"	0+25.00
0+50	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	0+50.00
0+75	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	0+75.00
1+00	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	1+00.00
1+25	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	1+25.00
1+50.00	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	1+50.00
1+75.00	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	1+75.00
2+00.00	25.00	26.68	23.31	2' 06' 08"	2' 06' 08"	2+00.00

Dist. / R. = 504/5715 Mm.

Earthwork Quantities

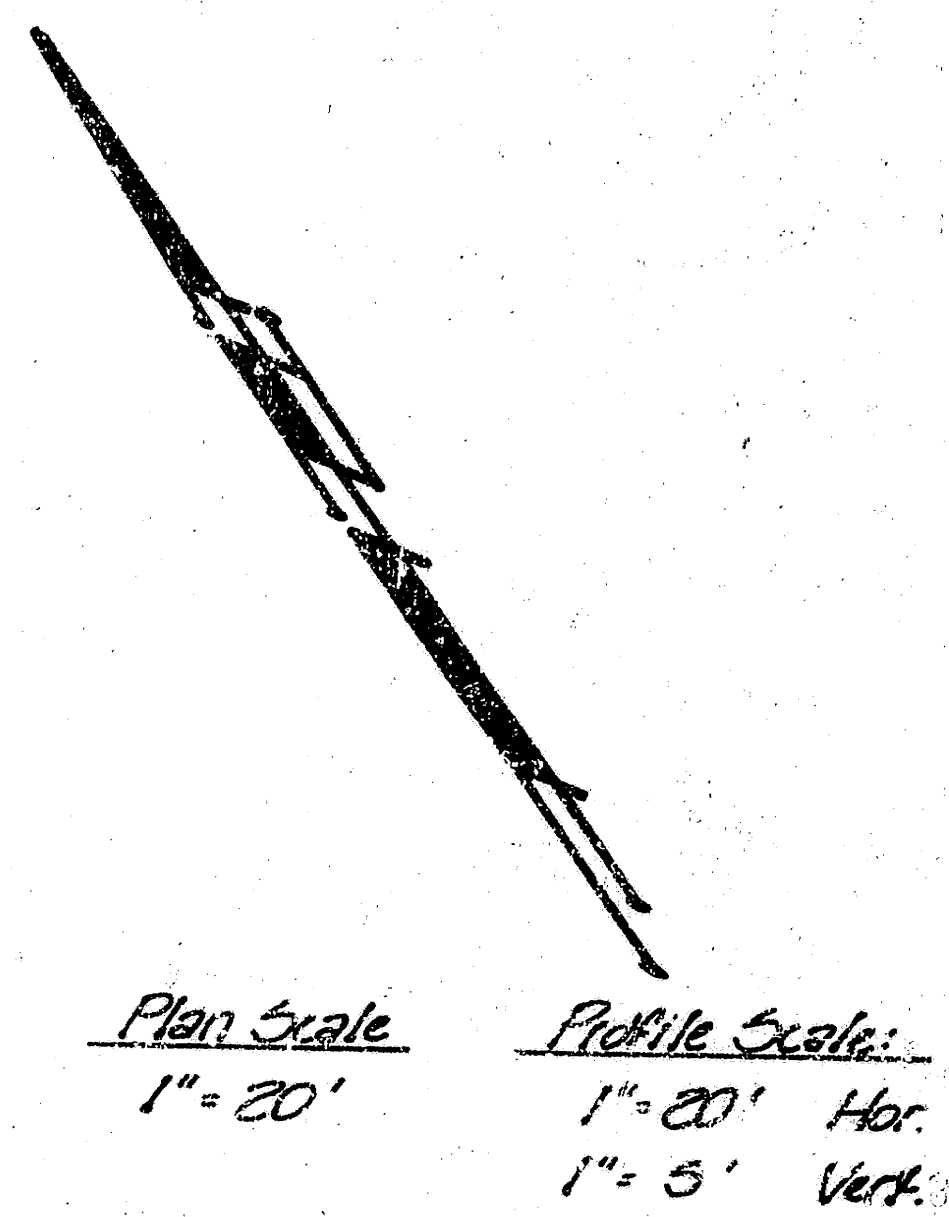
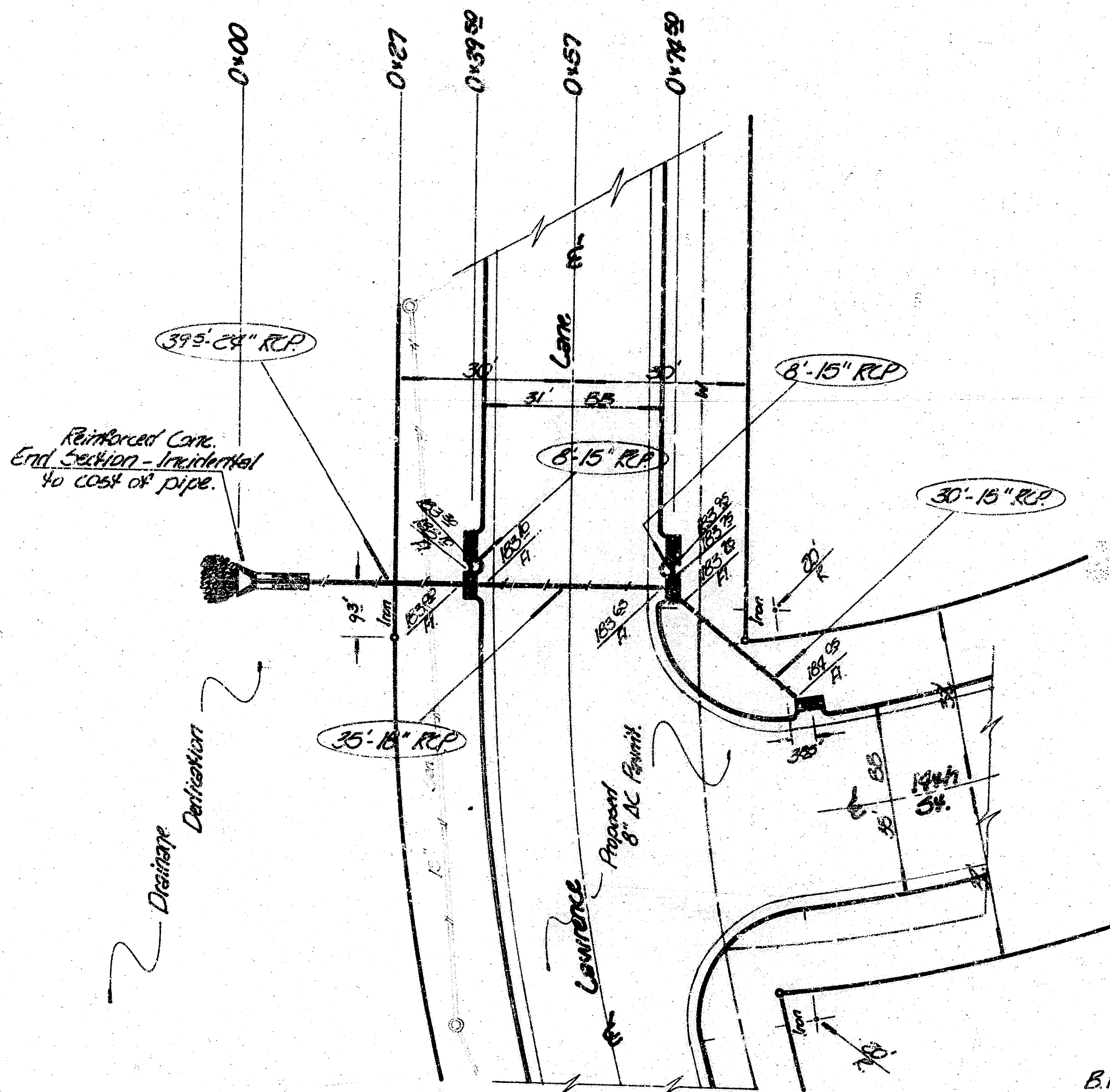
Prop.	City
Excavation = 314.4 cy	Excavation = 988 cy
+ 10% = 345.8 cy	+ 10% = 1086.8 cy
Total = 345.8 cy	Total = 1086.8 cy
Comp. Fill = 0 cy	Comp. Fill = 0 cy
Manipulation = 988 cy	Manipulation = 988 cy

NOTE TO ALL ENGINEERS: THIS PLAN IS A PRELIMINARY DESIGN AND IS NOT TO BE USED FOR CONSTRUCTION WITHOUT THE APPROVAL OF THE CITY ENGINEER. THE CITY ENGINEER'S OFFICE IS NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS PLAN.

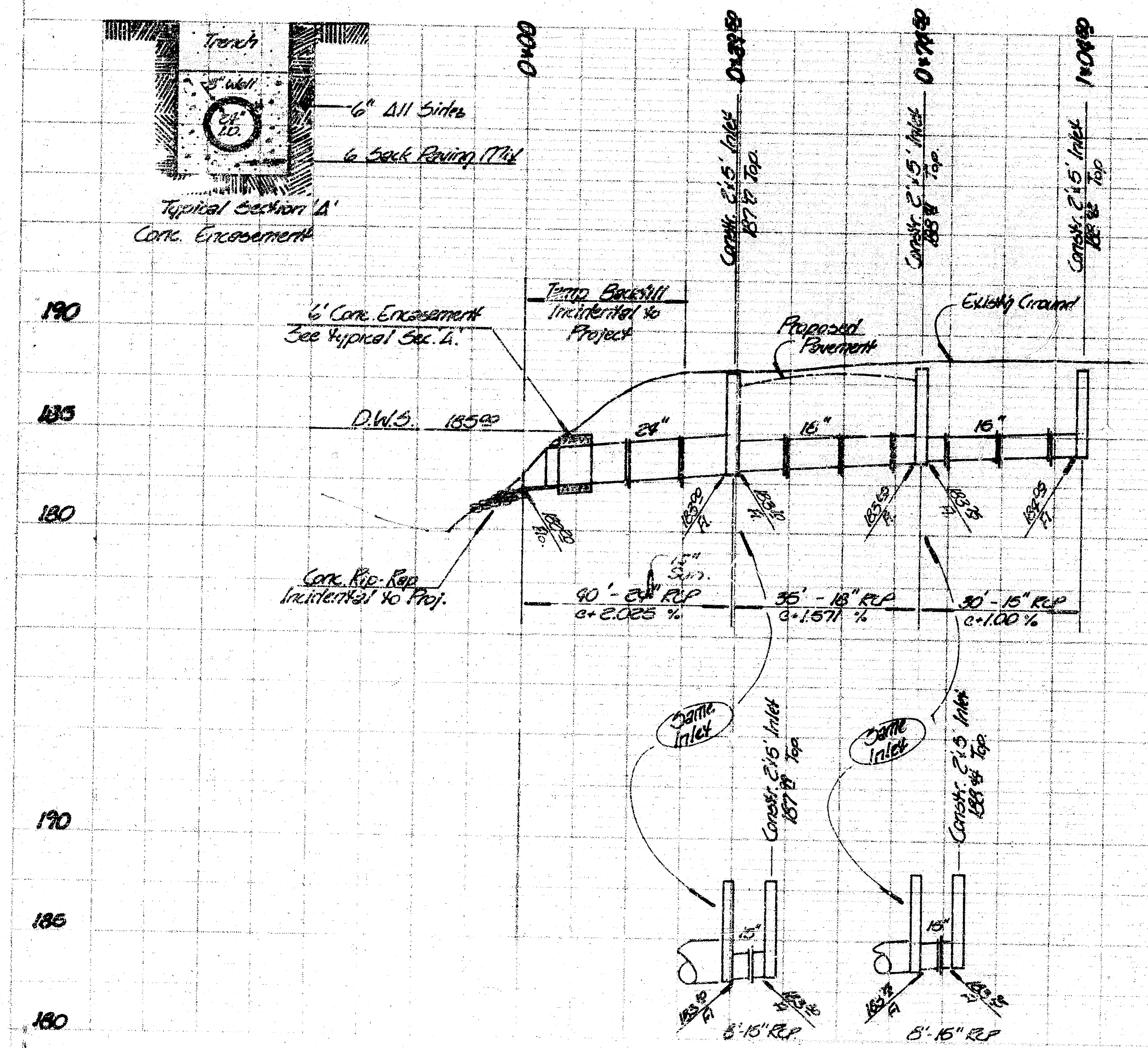
Note: Standard City & Co. to be used on this project.
Trees to be taken & transplanted when moved or destroyed during construction.

LAWRENCE LANE
S.L. to N.L. Rockhurst 2nd Add.
3' BB 2" AC w 6" Bit. Base w Comp.
CITY of WICHITA
R.W. Linn
Project No.
Date 10/1/76

Sheet: D.A.D. 183
Plan: Main



B.M. 197.82 City Sta. NE Cor. 13th & Governor Rd.
B.M. 200.97 R.R. Spk. W.S. P.P. W.S. Governor Rd.
+ 55 14th St. No.



Note: Inlets to be Type I-A Construction



- INCIDENTAL DRAINAGE -
in connection w. Lawrence Lane
CITY of WICHITA
R. W. Linn — City Engineer
Project No. — DAKD 576029
Date: Sept. 1976 (1/2)

PLAN (SCALE: 1" = 1'0")

STEEL SCHEDULE

BAR	L		S		P		T			P ₂	P ₃	Wt. lbs.
	#1	#2	#1	#2	#1	#2	#3	#4	#5			
NUMBER	4	4	2	1	3	5	7	6	1	1		
SIZE	#3	#1	#1	#3	#3	#4	#4	#5	#4	#6		
INCHES	4 1/2"	4 1/2"	3 7/8"	5 3/8"	—	—	—	17"	5 6"	4 0"	53	
	4 4 1/4"	4 2 1/2"	3 7/8"	4 7/8"	—	5 5"	—	—	17"	5 6"	4 0"	72
	4 1/2"	4 1/2"	3 7/8"	5 1/8"	—	—	5 5"	—	17"	5 6"	4 0"	91
	4 1/2"	4 1/2"	3 7/8"	5 1/8"	—	—	—	5 5"	17"	5 6"	4 0"	110

* NOTE: 6 BARS TO BE PLACED APPROX 2' BELOW TOP OF INLET COVER

[illegible]

BRICK FOR INLET CONSTRUCTION
SHALL CONFORM WITH THE LATEST
REVISION OF THE AMERICAN SOCIETY
FOR TESTING AND MATERIALS
DESIGNATION C32 FOR MANHOLE
BRICK GRADE MS.

BACK OF
STD CURB

7" MIN.

1 1/2"

VARIES

2 1/2"

6"

OPTIONAL
JOINT

CB. & GTR. BY PAVING CONTRACTOR
(UNLESS OTHERWISE NOTED)

6 SACK CONCRETE

6"

W-1 1/4"

8"

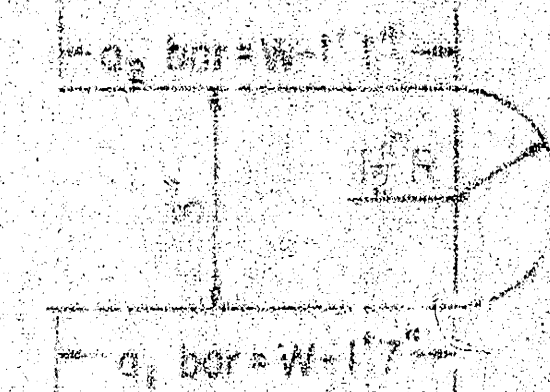
W

STANDARD CURB INLET PRECAST TOPS			
W	PRE CAST TOP SIZE	PIPE SIZE	DI. TO CONC.
3' 0"	3' 2" X 5' 6" X 7' 1/2"	24" 8" SMALLER	1/4"
4' 0"	4' 0" X 5' 6" X 7' 1/2"	30" 8" 36"	0.56"
5' 0"	5' 0" X 5' 6" X 7' 1/2"	36" 8" 48"	0.88"
6' 0"	6' 0" X 5' 6" X 7' 1/2"	54" 8" 50"	0.82"

* GROSS VOLUME

NOTE: CONCRETE TOPS TO BE INSTALLED ON
THIN MORTAR CUSHION TO INSURE FULL
SUPPORT ALONG BRICK WALLS. CONCRETE
TOPS MAY BE CAST IN PLACE OR
PRECAST. CONCRETE FOR INLET TOPS
AND FLOORS SHALL BE 6-SACK
PAVING MIX.

BENDING DIAGRAM



TOP OF INLET
SAME ELEV.
AS TOP OF CURB

1' 8"

2' 4"

5 bars

6"

TOP OF STD. CB. OR ROLL CR.
(STD. CB. SHOWN)

SLAB BY PAVING CONTRACTOR
(UNLESS OTHERWISE NOTED)

OPTIONAL KEYED JOINT

The technical drawing consists of two views of a mechanical component:

- Top View:** A circular part with eight radial fins. The outer diameter is labeled as 200 ± .012. One fin has a width of 8, a height of 4, and a base thickness of 1.5. The distance between the bases of adjacent fins is 2.4. There are concentric circles with diameters of 176 and 192.
- Side View:** Shows the profile of the part. The total height is 20 ± .012. The base has a thickness of 4. The inner cavity has a depth of 17.6. The top surface is flat at a height of 20 from the base.

MANHOLE RING
SEE SEWER APPURTENANCES DETAIL
SHEET FOR MANHOLE COVER

THIS TYPE INLET TO BE USED WHEN
PAVEMENT IS ASPHALT PAVEMENT WITH
ASPHALT BASE COURSE AND/OR WHEN
PAVEMENTS HAVE ROLL CURB

DETAIL
STANDARD TYPE 1A CURB INLET
(SET BACK LOCATION)

CITY OF WICHITA, KANSAS
R.W. LINN-CITY ENGINEER
FEBRUARY 1975