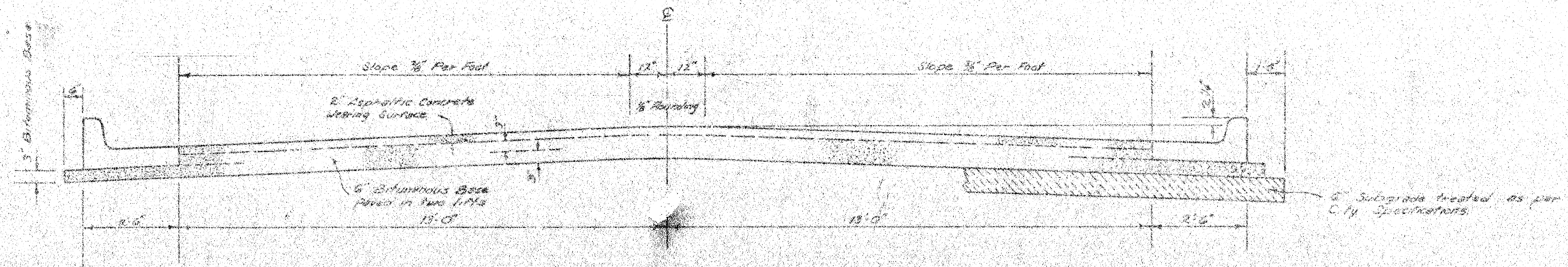


LAWRENCE LANE

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



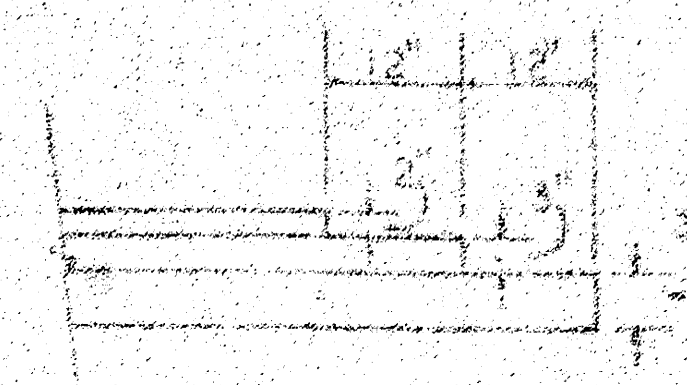
TYPICAL SECTION

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.

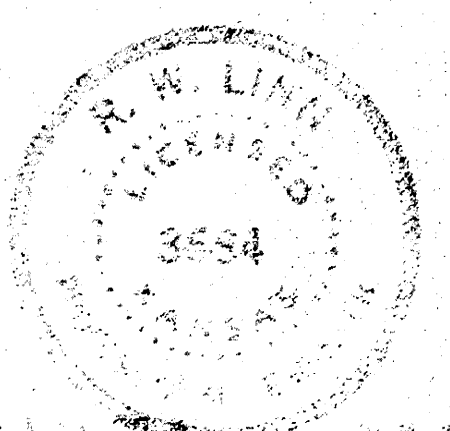
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED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



CITY OF WICHITA, KANSAS

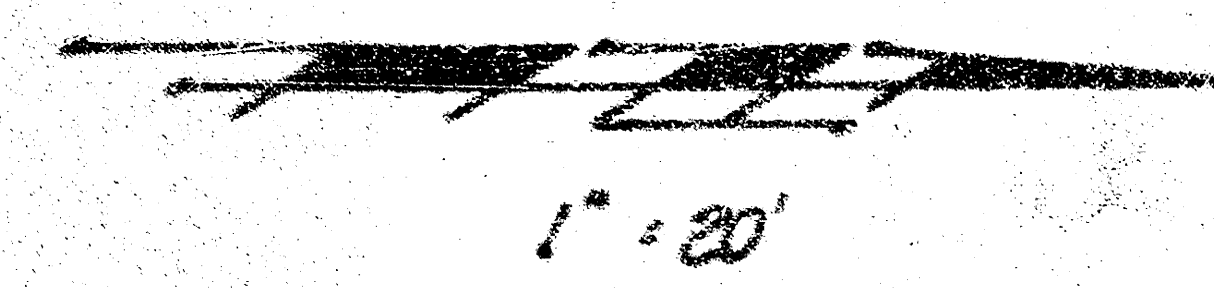
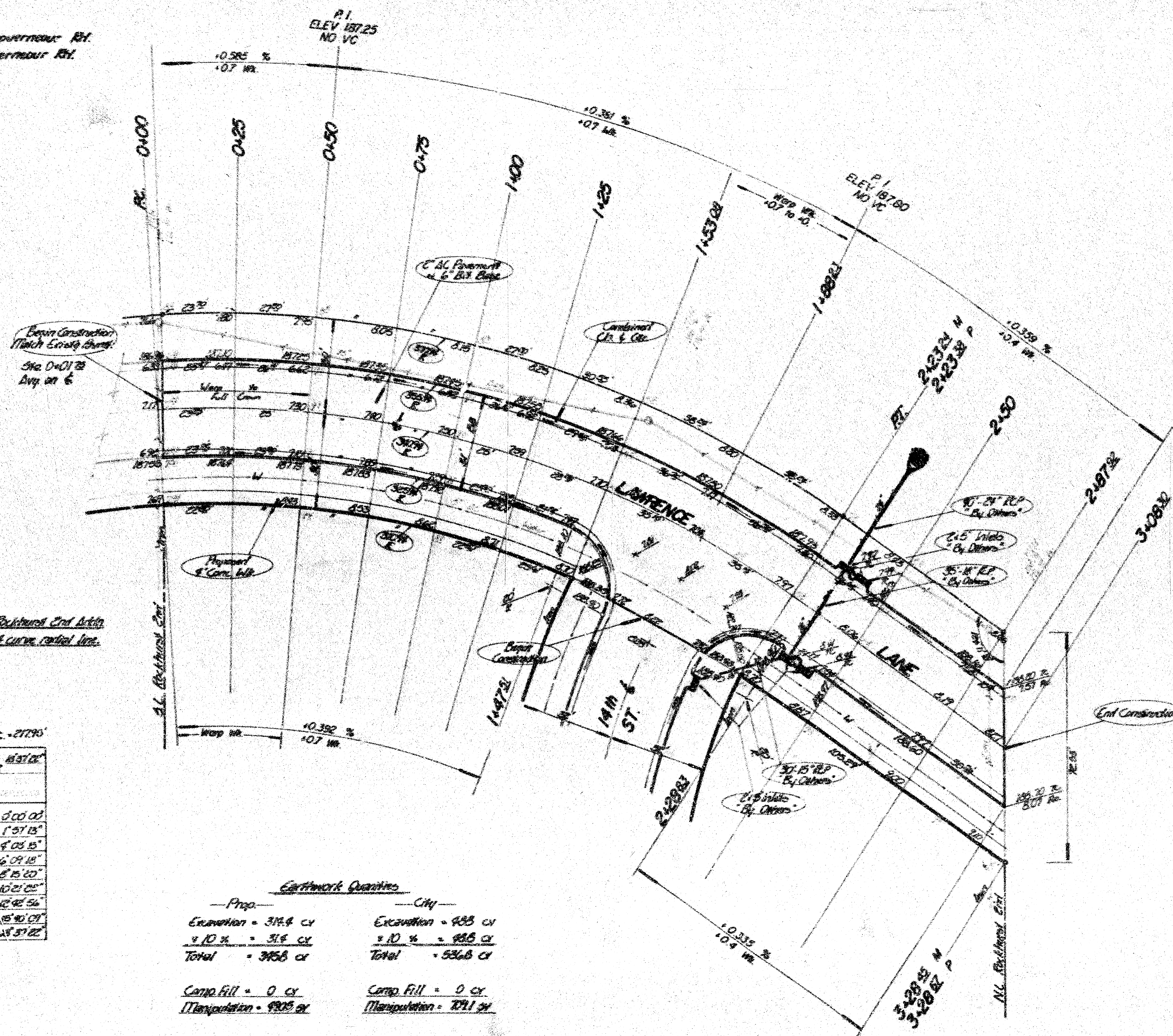
DEPARTMENT OF PUBLIC WORKS - ENGINEERING

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	CH	ST	CH	ST	CH	ST
0+00	25.25	24.81	21.66	1' 57' 15"	1' 57' 15"	1' 57' 15"
0+25	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
0+50	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
0+75	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
1+00	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
1+25	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
1+50	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
1+75	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
2+00	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
2+25	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
2+50	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
2+75	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"
3+00	25.00	24.68	23.31	2' 06' 08"	2' 06' 08"	2' 06' 08"

Dist. / R. = 504/5715 Mm.

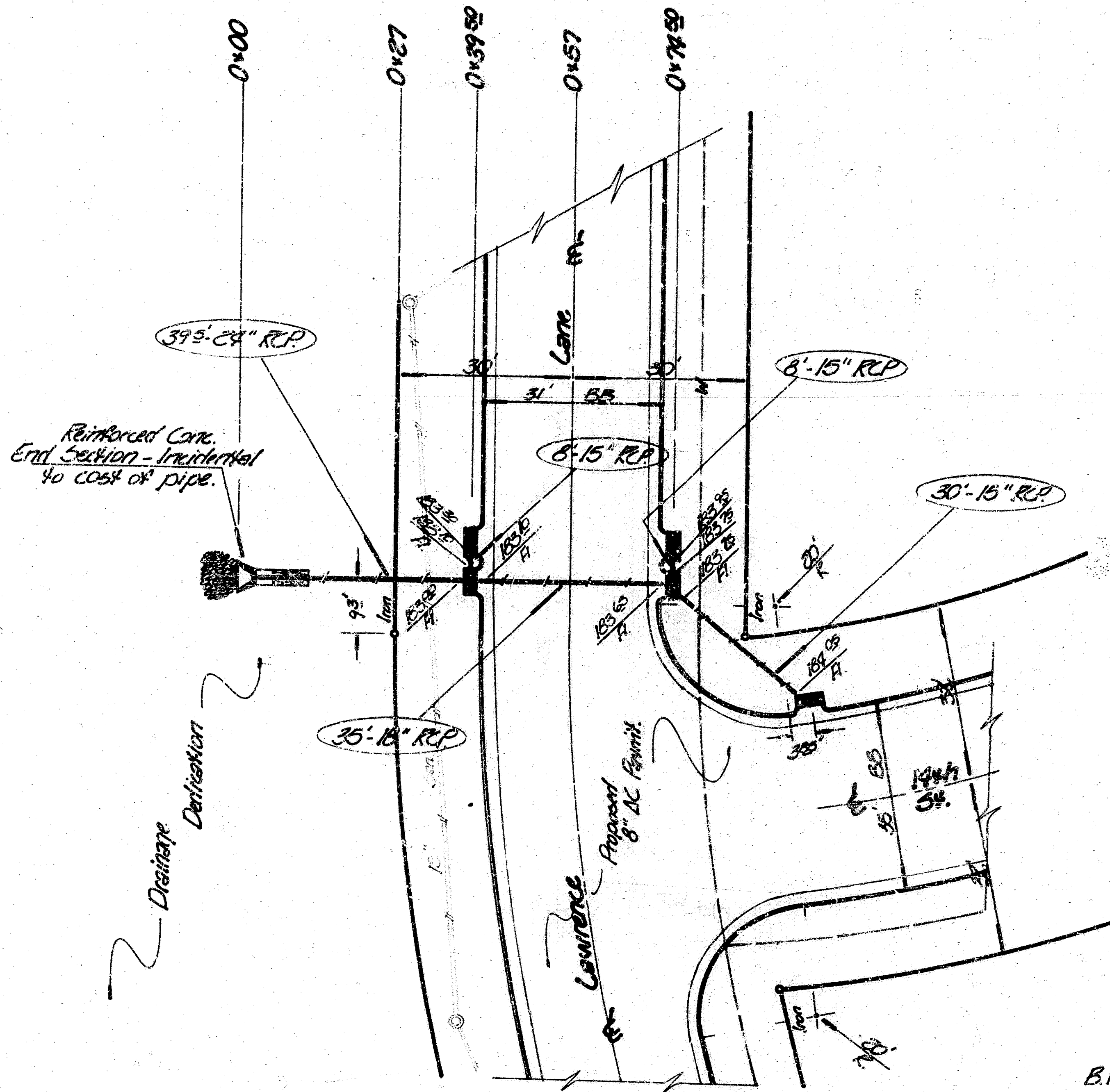
Earthwork Quantities	
Prop.	City
Excavation = 314.4 cy	Excavation = 988 cy
+ 10% = 345.8 cy	+ 10% = 1086.8 cy
Total = 345.8 cy	Total = 1086.8 cy
Comp. Fill = 0 cy	Comp. Fill = 0 cy
Manipulation = 988 cy	Manipulation = 988 cy

NOTE TO READ: This plan view shows the proposed and existing alignments of Lawrence Lane. The proposed alignment is shown with a solid line and the existing alignment is shown with a dashed line. The plan view also shows the intersection of Lawrence Lane with 14th St. and 15th St. The plan view is drawn to a scale of 1" = 20'.

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

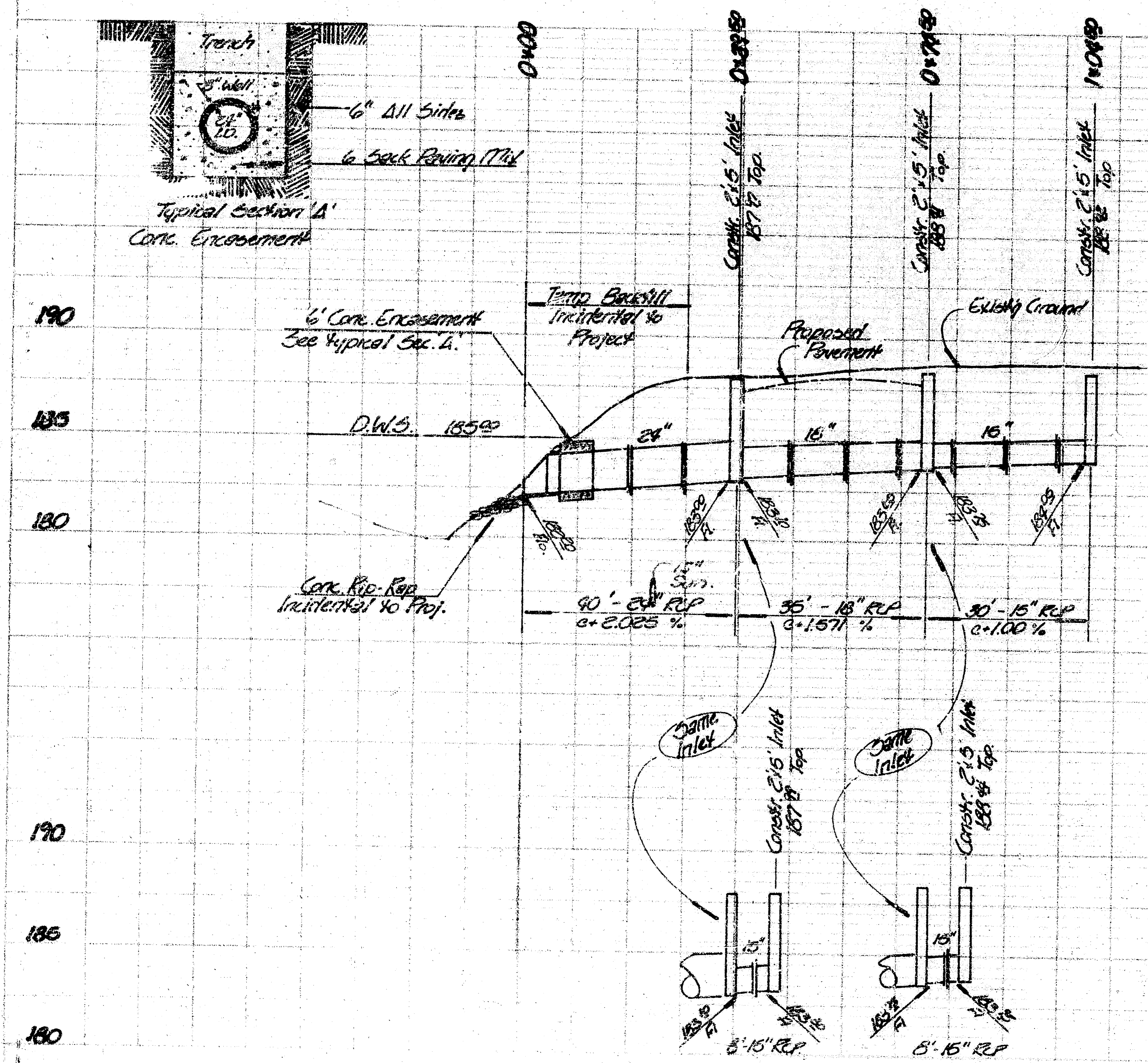
LAWRENCE LANE
S.L. to N.L. Rockhurst 2nd Add.
3' BB 2" AC w 6" Bit. Base w Comp.
CITY of WICHITA
R.W. Linn
Project No.
Date 10/1/76

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

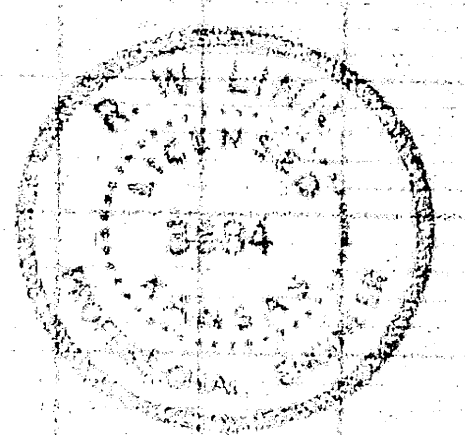


Plan Scale: 1" = 20'
Profile Scale: 1" = 20' Hor., 1" = 5' Vert.

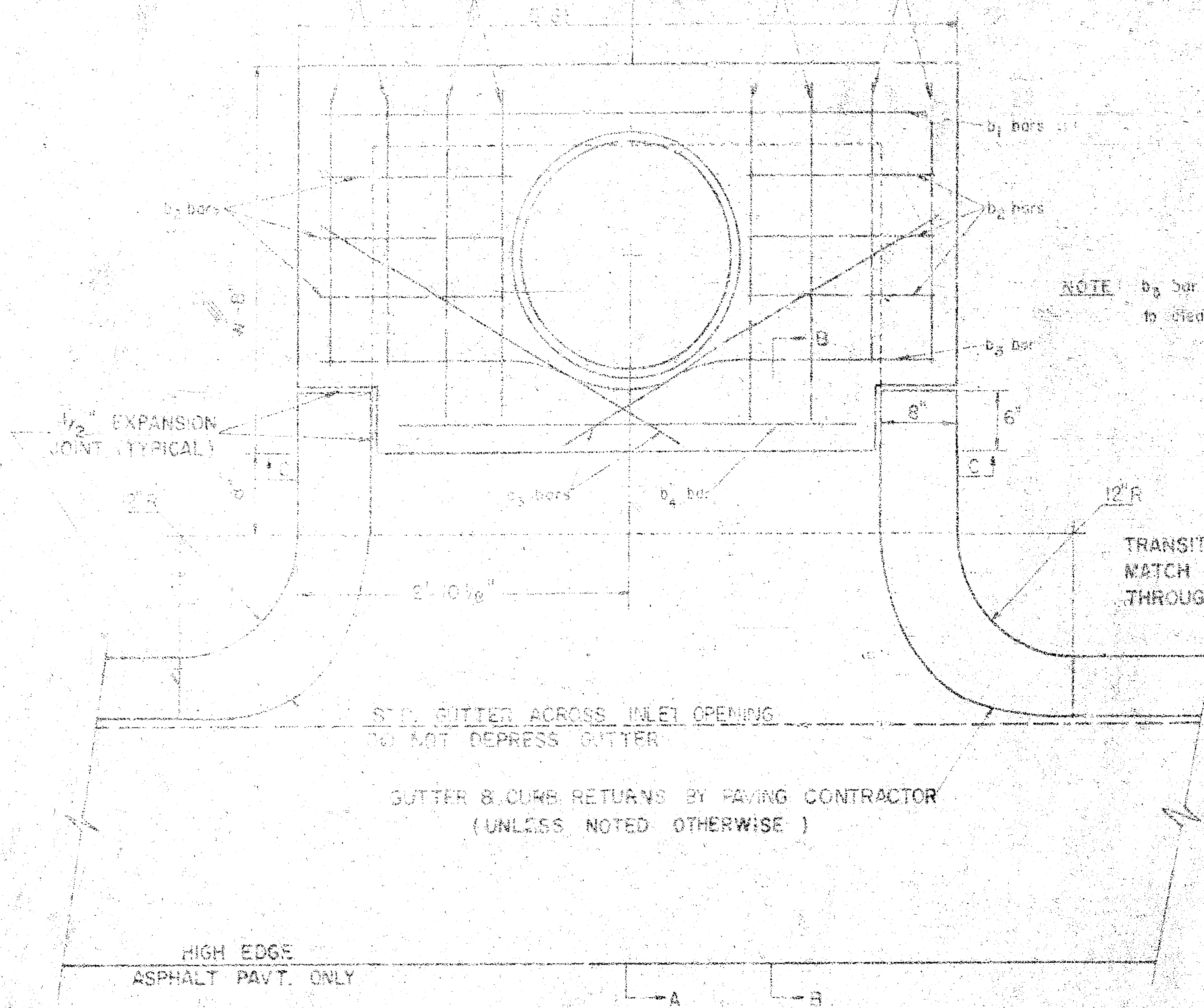
B.M. 197.82 City Sta. NE Cor. 13th & Governor Rd.
B.M. 200.97 R.R. Spk. W/S R.P. W/S Governor Rd.
+ 55 14th St. No.



Note: Inlets to be Type I-A Construction



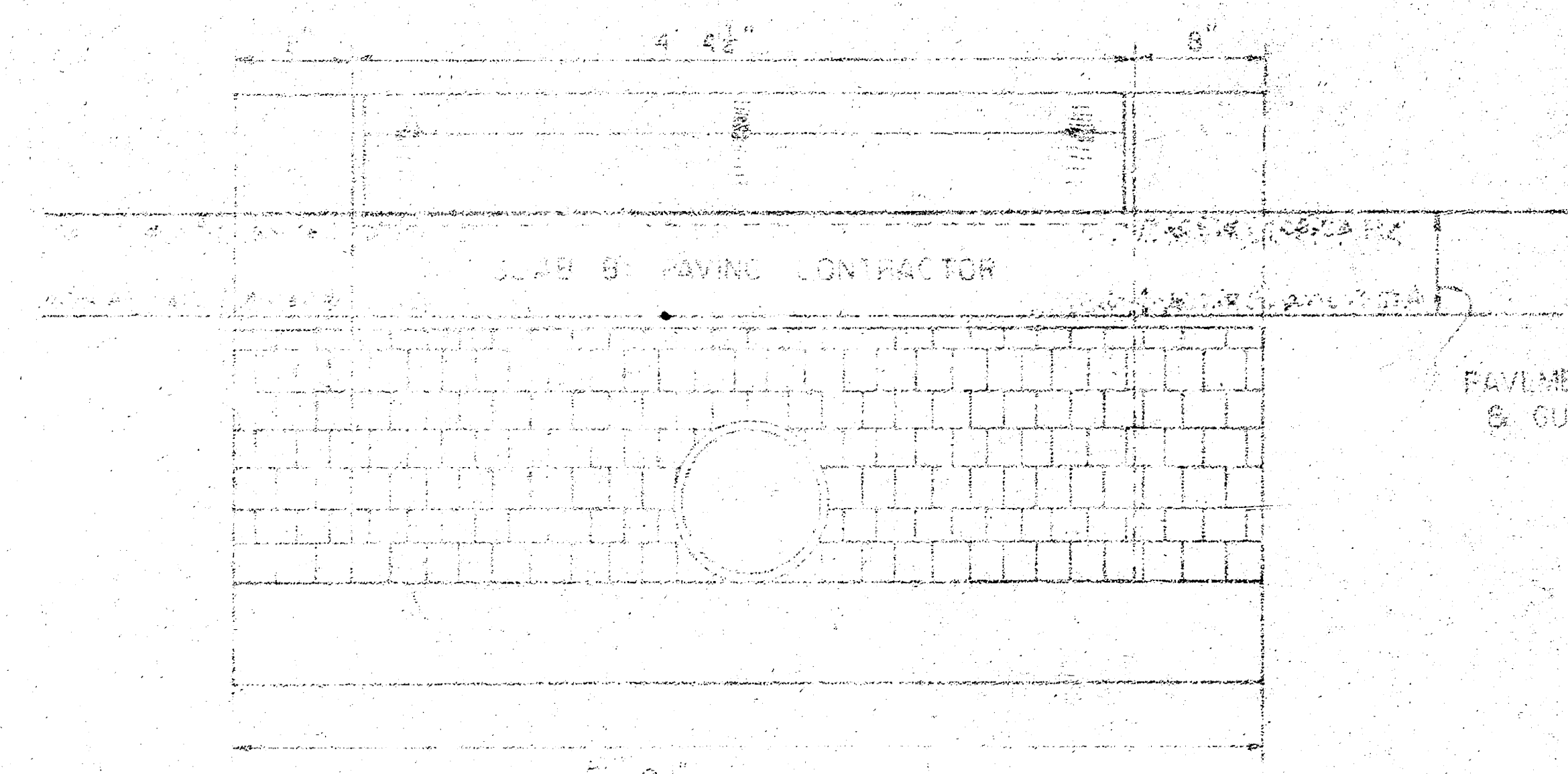
- INCIDENTAL DRAINAGE -
in connection w. Lawrence Lane
CITY of WICHITA
R. W. Linn — City Engineer
Project No. — DAKD 576029
Date: Sept. 1976 (1/2)



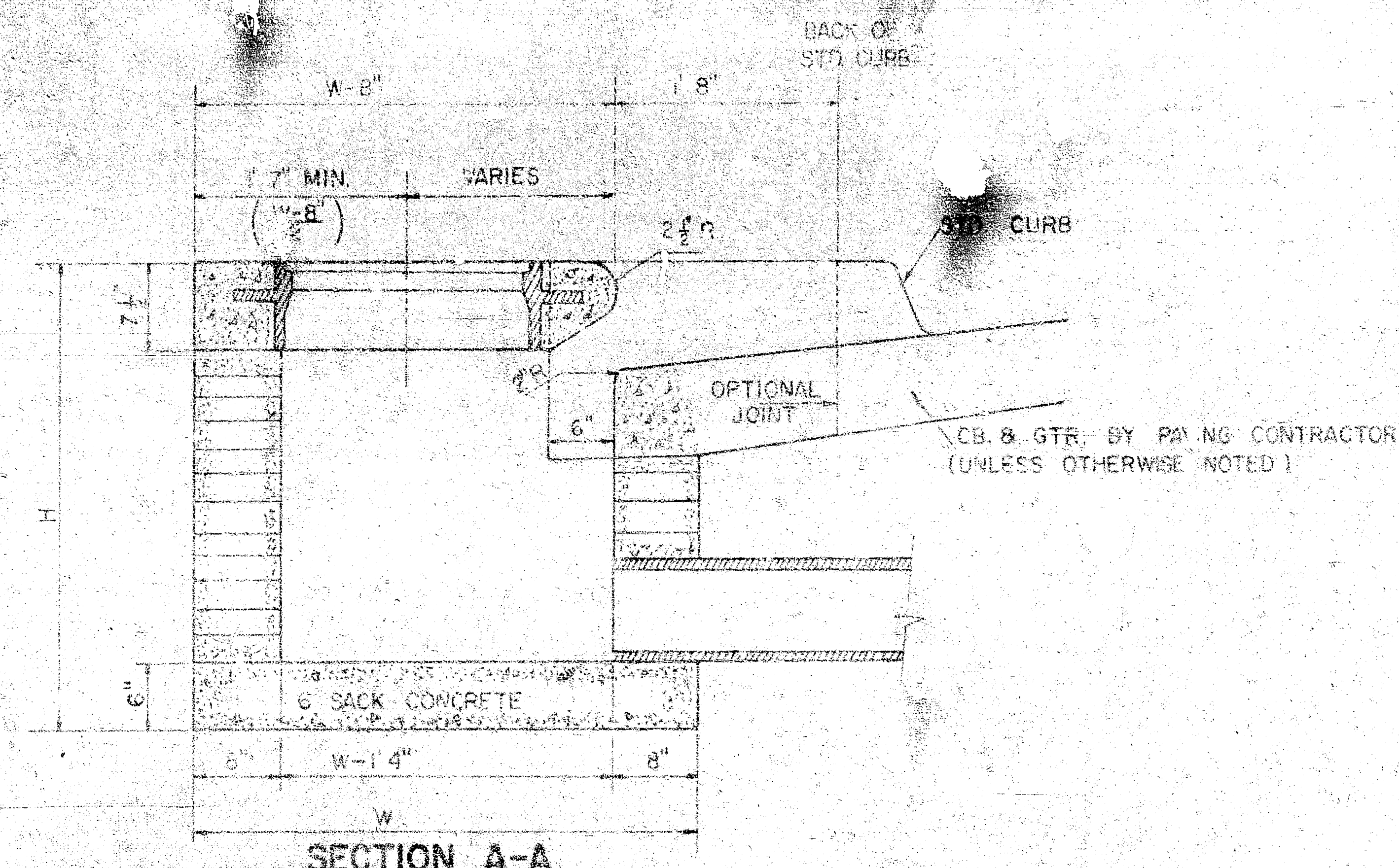
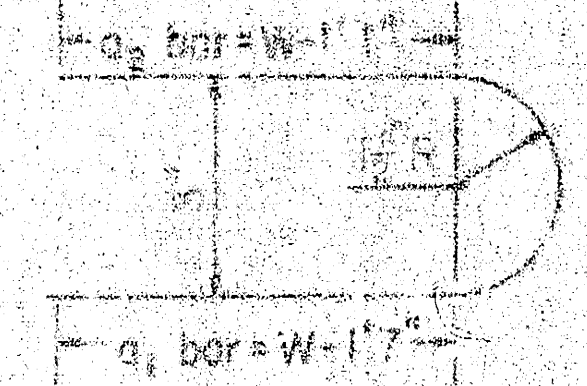
STEEL SCHEDULE

BAR		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Diameter		1/2"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/4"	3 1/2"	3 3/4"	4"	4 1/4"	4 1/2"	4 3/4"	5"	5 1/4"	5 1/2"	5 3/4"	6"	6 1/4"	6 1/2"	6 3/4"	7"	7 1/4"	7 1/2"	7 3/4"	8"	8 1/4"	8 1/2"	8 3/4"	9"	9 1/4"	9 1/2"	9 3/4"	10"	10 1/4"	10 1/2"	10 3/4"	11"	11 1/4"	11 1/2"	11 3/4"	12"	12 1/4"	12 1/2"	12 3/4"	13"	13 1/4"	13 1/2"	13 3/4"	14"	14 1/4"	14 1/2"	14 3/4"	15"	15 1/4"	15 1/2"	15 3/4"	16"	16 1/4"	16 1/2"	16 3/4"	17"	17 1/4"	17 1/2"	17 3/4"	18"	18 1/4"	18 1/2"	18 3/4"	19"	19 1/4"	19 1/2"	19 3/4"	20"	20 1/4"	20 1/2"	20 3/4"	21"	21 1/4"	21 1/2"	21 3/4"	22"	22 1/4"	22 1/2"	22 3/4"	23"	23 1/4"	23 1/2"	23 3/4"	24"	24 1/4"	24 1/2"	24 3/4"	25"	25 1/4"	25 1/2"	25 3/4"	26"	26 1/4"	26 1/2"	26 3/4"	27"	27 1/4"	27 1/2"	27 3/4"	28"	28 1/4"	28 1/2"	28 3/4"	29"	29 1/4"	29 1/2"	29 3/4"	30"	30 1/4"	30 1/2"	30 3/4"	31"	31 1/4"	31 1/2"	31 3/4"	32"	32 1/4"	32 1/2"	32 3/4"	33"	33 1/4"	33 1/2"	33 3/4"	34"	34 1/4"	34 1/2"	34 3/4"	35"	35 1/4"	35 1/2"	35 3/4"	36"	36 1/4"	36 1/2"	36 3/4"	37"	37 1/4"	37 1/2"	37 3/4"	38"	38 1/4"	38 1/2"	38 3/4"	39"	39 1/4"	39 1/2"	39 3/4"	40"	40 1/4"	40 1/2"	40 3/4"	41"	41 1/4"	41 1/2"	41 3/4"	42"	42 1/4"	42 1/2"	42 3/4"	43"	43 1/4"	43 1/2"	43 3/4"	44"	44 1/4"	44 1/2"	44 3/4"	45"	45 1/4"	45 1/2"	45 3/4"	46"	46 1/4"	46 1/2"	46 3/4"	47"	47 1/4"	47 1/2"	47 3/4"	48"	48 1/4"	48 1/2"	48 3/4"	49"	49 1/4"	49 1/2"	49 3/4"	50"	50 1/4"	50 1/2"	50 3/4"	51"	51 1/4"	51 1/2"	51 3/4"	52"	52 1/4"	52 1/2"	52 3/4"	53"	53 1/4"	53 1/2"	53 3/4"	54"	54 1/4"	54 1/2"	54 3/4"	55"	55 1/4"	55 1/2"	55 3/4"	56"	56 1/4"	56 1/2"	56 3/4"	57"	57 1/4"	57 1/2"	57 3/4"	58"	58 1/4"	58 1/2"	58 3/4"	59"	59 1/4"	59 1/2"	59 3/4"	60"	60 1/4"	60 1/2"	60 3/4"	61"	61 1/4"	61 1/2"	61 3/4"	62"	62 1/4"	62 1/2"	62 3/4"	63"	63 1/4"	63 1/2"	63 3/4"	64"	64 1/4"	64 1/2"	64 3/4"	65"	65 1/4"	65 1/2"	65 3/4"	66"	66 1/4"	66 1/2"	66 3/4"	67"	67 1/4"	67 1/2"	67 3/4"	68"	68 1/4"	68 1/2"	68 3/4"	69"	69 1/4"	69 1/2"	69 3/4"	70"	70 1/4"	70 1/2"	70 3/4"	71"	71 1/4"	71 1/2"	71 3/4"	72"	72 1/4"	72 1/2"	72 3/4"	73"	73 1/4"	73 1/2"	73 3/4"	74"	74 1/4"	74 1/2"	74 3/4"	75"	75 1/4"	75 1/2"	75 3/4"	76"	76 1/4"	76 1/2"	76 3/4"	77"	77 1/4"	77 1/2"	77 3/4"	78"	78 1/4"	78 1/2"	78 3/4"	79"	79 1/4"	79 1/2"	79 3/4"	80"	80 1/4"	80 1/2"	80 3/4"	81"	81 1/4"	81 1/2"	81 3/4"	82"	82 1/4"	82 1/2"	82 3/4"	83"	83 1/4"	83 1/2"	83 3/4"	84"	84 1/4"	84 1/2"	84 3/4"	85"	85 1/4"	85 1/2"	85 3/4"	86"	86 1/4"	86 1/2"	86 3/4"	87"	87 1/4"	87 1/2"	87 3/4"	88"	88 1/4"	88 1/2"	88 3/4"	89"	89 1/4"	89 1/2"	89 3/4"	90"	90 1/4"	90 1/2"	90 3/4"	91"	91 1/4"	91 1/2"	91 3/4"	92"	92 1/4"	92 1/2"	92 3/4"	93"	93 1/4"	93 1/2"	93 3/4"	94"	94 1/4"	94 1/2"	94 3/4"	95"	95 1/4"	95 1/2"	95 3/4"	96"	96 1/4"	96 1/2"	96 3/4"	97"	97 1/4"	97 1/2"	97 3/4"	98"	98 1/4"	98 1/2"	98 3/4"	99"	99 1/4"	99 1/2"	99 3/4"	100"	100 1/4"	100 1/2"	100 3/4"																																																																																																																																																																																																																																																																																																																									
Weight		1.10	1.57	2.00	2.57	3.10	3.67	4.20	4.77	5.30	5.87	6.40	6.97	7.50	8.07	8.60	9.17	9.70	10.27	10.80	11.37	11.90	12.47	13.00	13.57	14.10	14.67	15.20	15.77	16.30	16.87	17.40	17.97	18.50	19.07	19.60	20.17	20.70	21.27	21.80	22.37	22.90	23.47	24.00	24.57	25.10	25.67	26.20	26.77	27.30	27.87	28.40	28.97	29.50	30.07	30.60	31.17	31.70	32.27	32.80	33.37	33.90	34.47	35.00	35.57	36.10	36.67	37.20	37.77	38.30	38.87	39.40	39.97	40.50	41.07	41.60	42.17	42.70	43.27	43.80	44.37	44.90	45.47	46.00	46.57	47.10	47.67	48.20	48.77	49.30	49.87	50.40	50.97	51.50	52.07	52.60	53.17	53.70	54.27	54.80	55.37	55.90	56.47	57.00	57.57	58.10	58.67	59.20	59.77	60.30	60.87	61.40	61.97	62.50	63.07	63.60	64.17	64.70	65.27	65.80	66.37	66.90	67.47	68.00	68.57	69.10	69.67	70.20	70.77	71.30	71.87	72.40	72.97	73.50	74.07	74.60	75.17	75.70	76.27	76.80	77.37	77.90	78.47	79.00	79.57	80.10	80.67	81.20	81.77	82.30	82.87	83.40	83.97	84.50	85.07	85.60	86.17	86.70	87.27	87.80	88.37	88.90	89.47	90.00	90.57	91.10	91.67	92.20	92.77	93.30	93.87	94.40	94.97	95.50	96.07	96.60	97.17	97.70	98.27	98.80	99.37	99.90	100.47	101.00	101.57	102.10	102.67	103.20	103.77	104.30	104.87	105.40	105.97	106.50	107.07	107.60	108.17	108.70	109.27	109.80	110.37	110.90	111.47	112.00	112.57	113.10	113.67	114.20	114.77	115.30	115.87	116.40	116.97	117.50	118.07	118.60	119.17	119.70	120.27	120.80	121.37	121.90	122.47	123.00	123.57	124.10	124.67	125.20	125.77	126.30	126.87	127.40	127.97	128.50	129.07	129.60	130.17	130.70	131.27	131.80	132.37	132.90	133.47	134.00	134.57	135.10	135.67	136.20	136.77	137.30	137.87	138.40	138.97	139.50	140.07	140.60	141.17	141.70	142.27	142.80	143.37	143.90	144.47	145.00	145.57	146.10	146.67	147.20	147.77	148.30	148.87	149.40	149.97	150.50	151.07	151.60	152.17	152.70	153.27	153.80	154.37	154.90	155.47	156.00	156.57	157.10	157.67	158.20	158.77	159.30	159.87	160.40	160.97	161.50	162.07	162.60	163.17	163.70	164.27	164.80	165.37	165.90	166.47	167.00	167.57	168.10	168.67	169.20	169.77	170.30	170.87	171.40	171.97	172.50	173.07	173.60	174.17	174.70	175.27	175.80	176.37	176.90	177.47	178.00	178.57	179.10	179.67	180.20	180.77	181.30	181.87	182.40	182.97	183.50	184.07	184.60	185.17	185.70	186.27	186.80	187.37	187.90	188.47	189.00	189.57	190.10	190.67	191.20	191.77	192.30	192.87	193.40	193.97	194.50	195.07	195.60	196.17	196.70	197.27	197.80	198.37	198.90	199.47	200.00	200.57	201.10	201.67	202.20	202.77	203.30	203.87	204.40	204.97	205.50	206.07	206.60	207.17	207.70	208.27	208.80	209.37	209.90	210.47	211.00	211.57	212.10	212.67	213.20	213.77	214.30	214.87	215.40	215.97	216.50	217.07	217.60	218.17	218.70	219.27	219.80	220.37	220.90	221.47	222.00	222.57	223.10	223.67	224.20	224.77	225.30	225.87	226.40	226.97	227.50	228.07	228.60	229.17	229.70	230.27	230.80	231.37	231.90	232.47	233.00	233.57	234.10	234.67	235.20	235.77	236.30	236.87	237.40	237.97	238.50	239.07	239.60	240.17	240.70	241.27	241.80	242.37	242.90	243.47	244.00	244.57	245.10	245.67	246.20	246.77	247.30	247.87	248.40	248.97	249.50	250.07	250.60	251.17	251.70	252.27	252.80	253.37	253.90	254.47	255.00	255.57	256.10	256.67	257.20	257.77	258.30	258.87	259.40	259.97	260.50	261.07	261.60	262.17	262.70	263.27	263.80	264.37	264.90	265.47	266.00	266.57	267.10	267.67	268.20	268.77	269.30	269.87	270.40	270.97	271.50	272.07	272.60	273.17	273.70	274.27	274.80	275.37	275.90	276.47	277.00	277.57	278.10	278.67	279.20	279.77	280.30	280.87	281.40	281.97	282.50	283.07	283.60	284.17	284.70	285.27	285.80	286.37	286.90	287.47	288.00	288.57	289.10	289.67	290.20	290.77	291.30	291.87	292.40	292.97	293.50	294.07	294.60	295.17	295.70	296.27	296.80	297.37	297.90	298.47	299.00	299.57	300.10	300.67	301.20	301.77	302.30	302.87	303.40	303.97	304.50	305.07	305.60	306.17	306.70	307.27	307.80	308.37	308.90	309.47	310.00	310.57	311.10	311.67	312.20	312.77	313.30	313.87	314.40	314.97	315.50	316.07	316.60	317.17	317.70	318.27	318.80	319.37	319.90	320.47	321.00	321.57	322.10	322.67	323.20	323.77	324.30	324.87	325.40	325.97	326.50	327.07	327.60	328.17	328.70	329.27	329.80	330.37	330.90	331.47	332.00	332.57	333.10	333.67	334.20	334.77	335.30	335.87	336.40	336.97	337.50	338.07	338.60	339.17	339.70	340.27	340.80	341.37	341.90	342.47	343.00	343.57	344.10	344.67	345.20	345.77	346.30	346.87	347.40	347.97	348.50	349.07	349.60	350.17	350.70	351.27	351.80	352.37	352.90	353.47	354.00	354.57	355.10	355.67	356.20	356.77	357.30	357.87	358.40	358.97	359.50	360.07	360.60	361.17	361.70	362.27	362.80	363.37	363.90	364.47	365.00	365.57	366.10	366.67	367.20	367.77	368.30	368.87	369.40	369.97	370.50	371.07	371.60	372.17	372.70	373.27	373.80	374.37	374.90	375.47	376.00	376.57	377.10	377.67	378.20	378.77	379.30	379.87	380.40	380.97	381.50	382.07	382.60	383.17	383.70	384.27	384.80	385.37	385.90	386.47	387.00	387.57	388.10	388.67	389.20	389.77	390.30	390.87	391.40	391.97	392.50	393.07	393.60

* NOTE: d_3 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER.



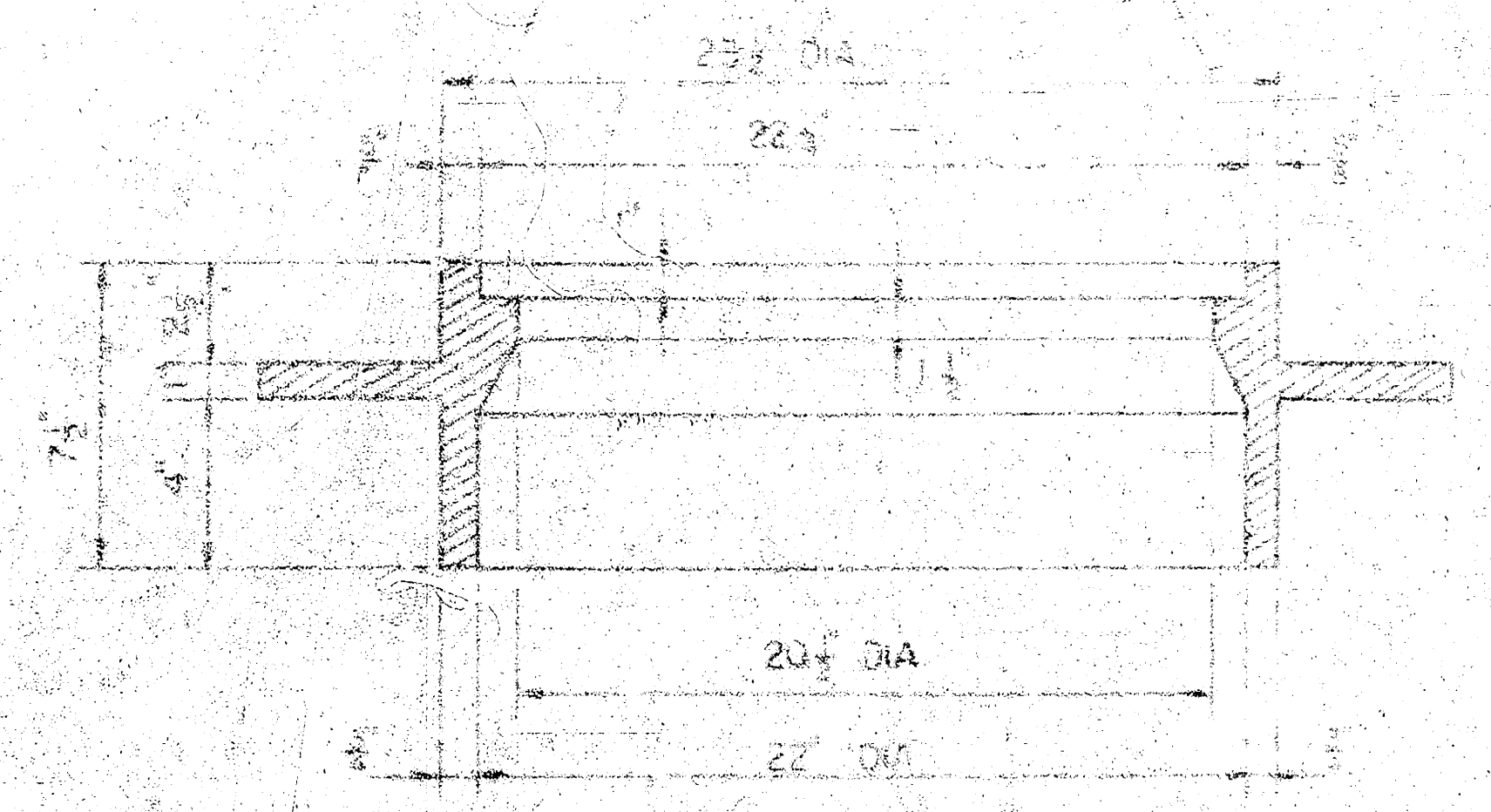
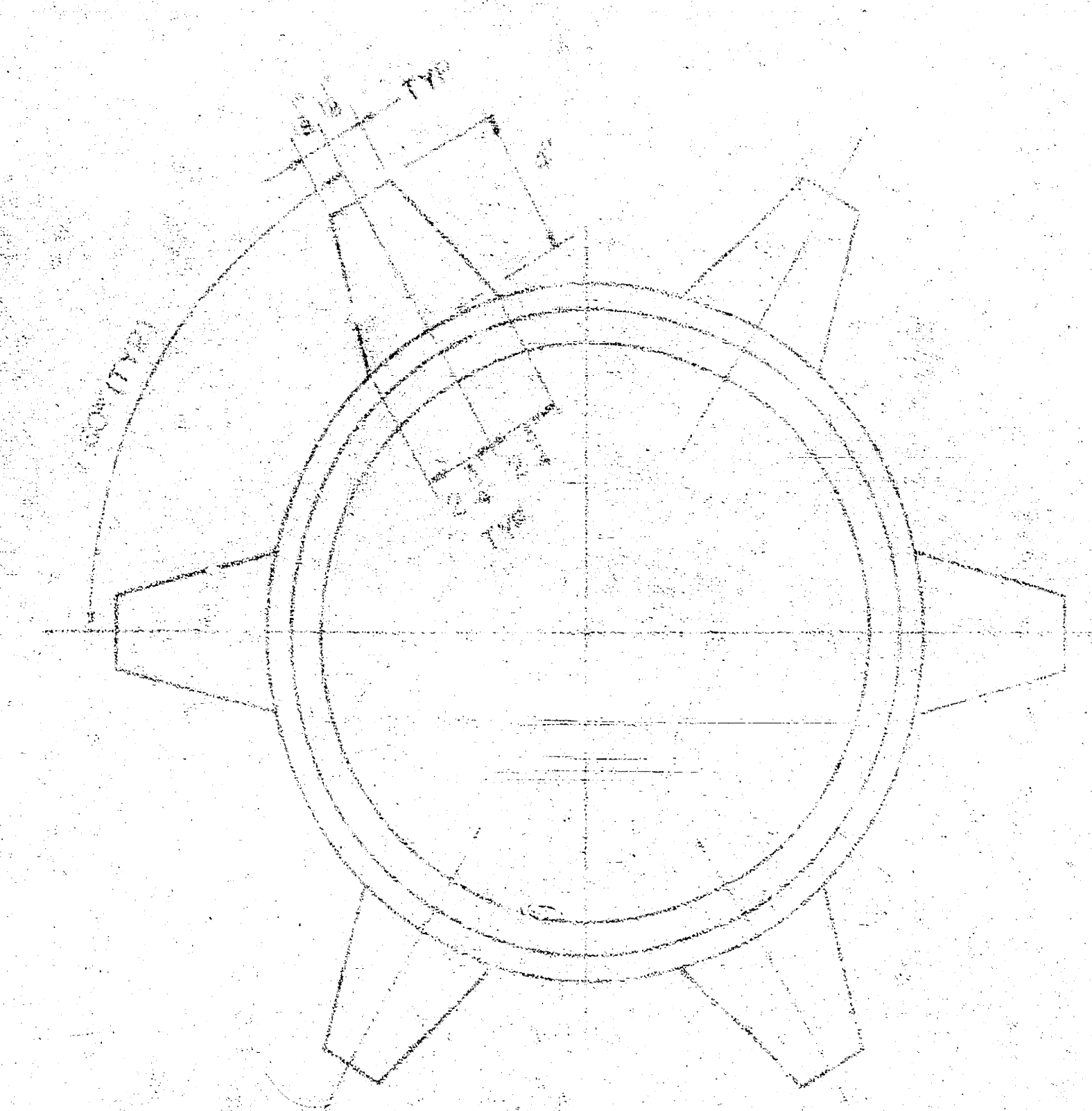
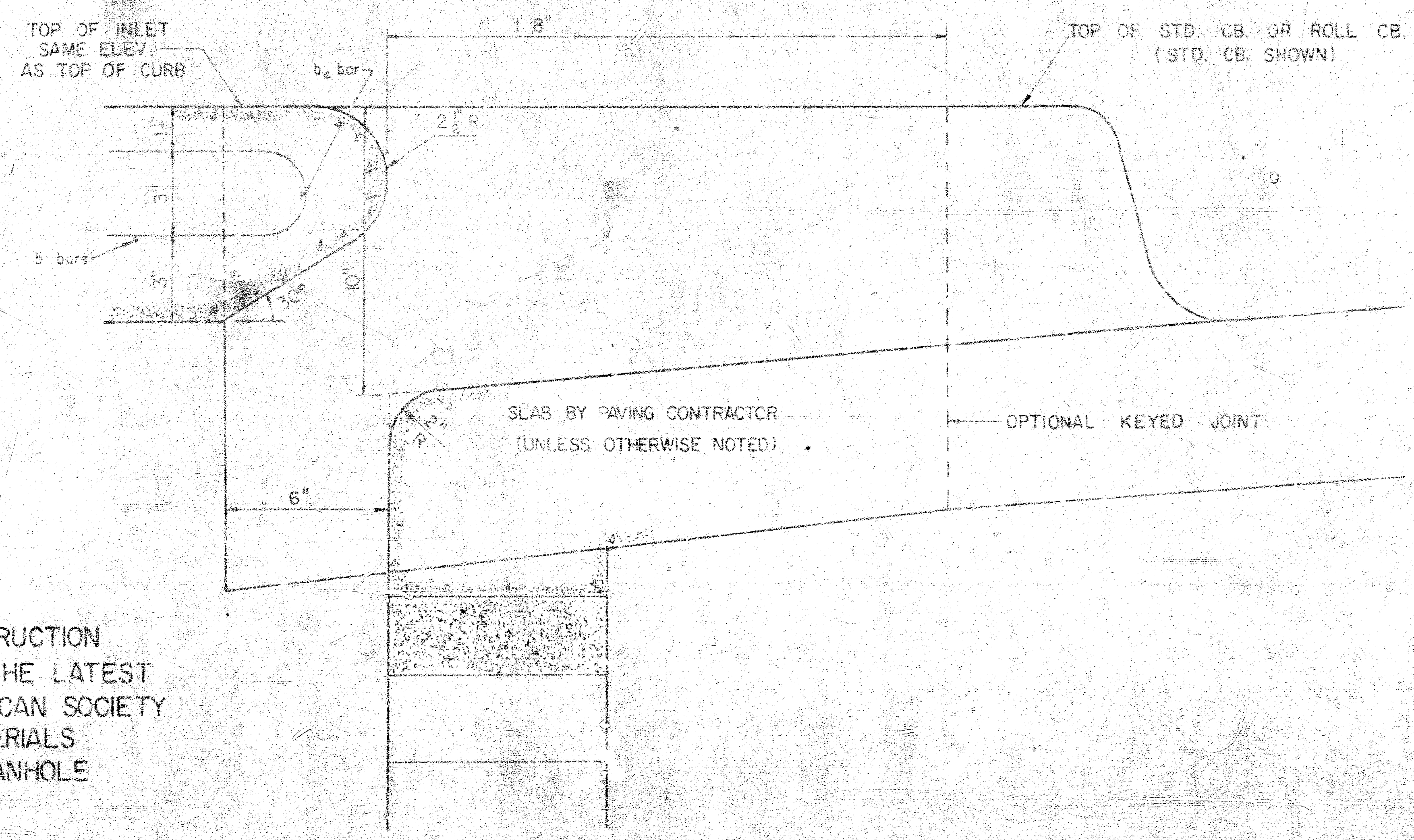
BENDING DIAGRAM



W	PRE-CAST TOP SIZE	PIPE SIZE	CONC. TO CONC.
3'10"	2'2" X 5'8" X 7 1/2"	24" & SMALLER	0.42"
4'10"	3'2" X 5'8" X 7 1/2"	30" & 36"	0.55"
5'10"	4'2" X 5'8" X 7 1/2"	42" & 48"	0.68"
6'10"	5'2" X 5'8" X 7 1/2"	54" & 60"	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.



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