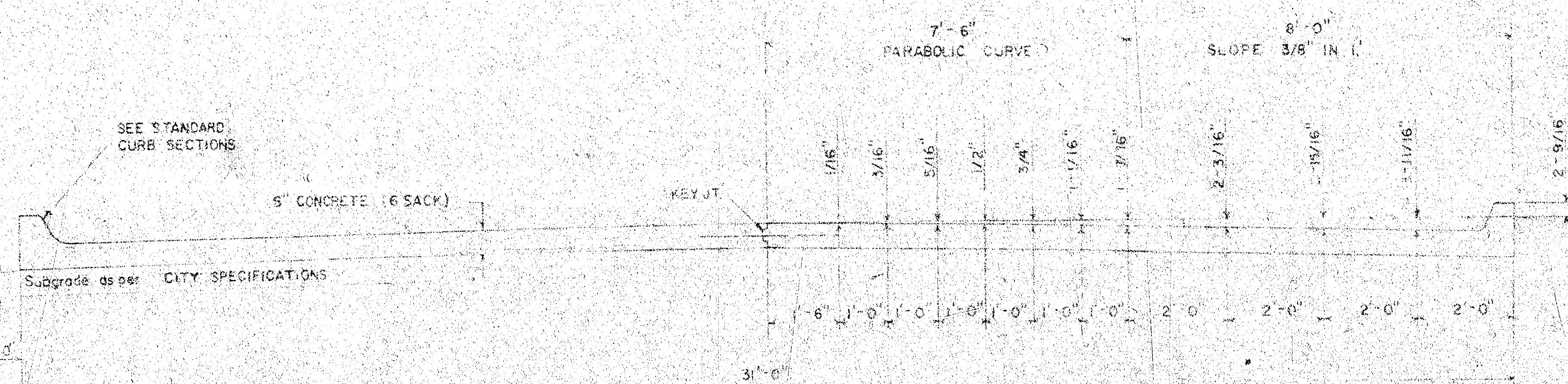


KNIGHT STREET **N. L. CALVERT - N. L. 33rd ST. SO.**

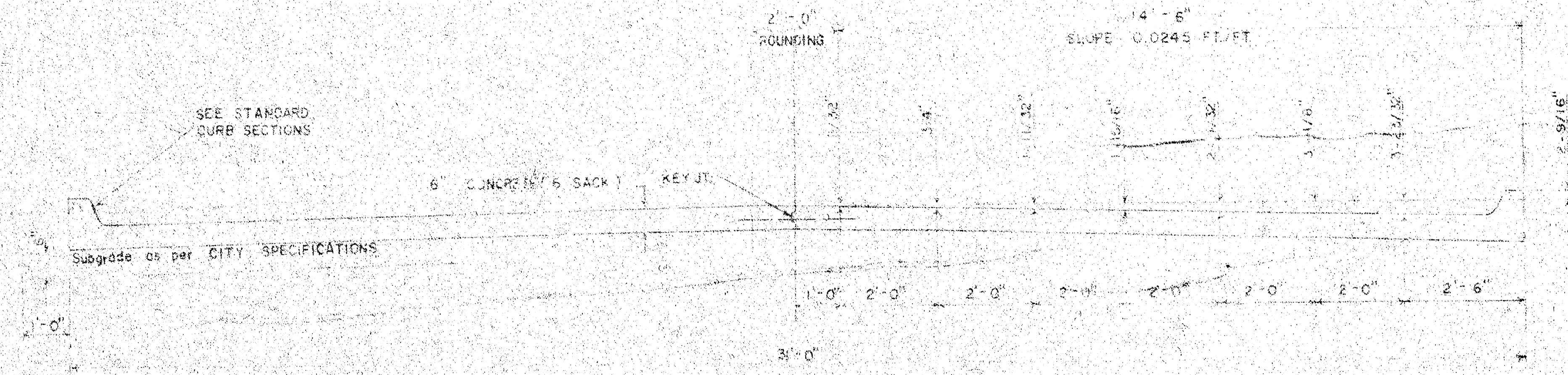
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT

DAKS575016

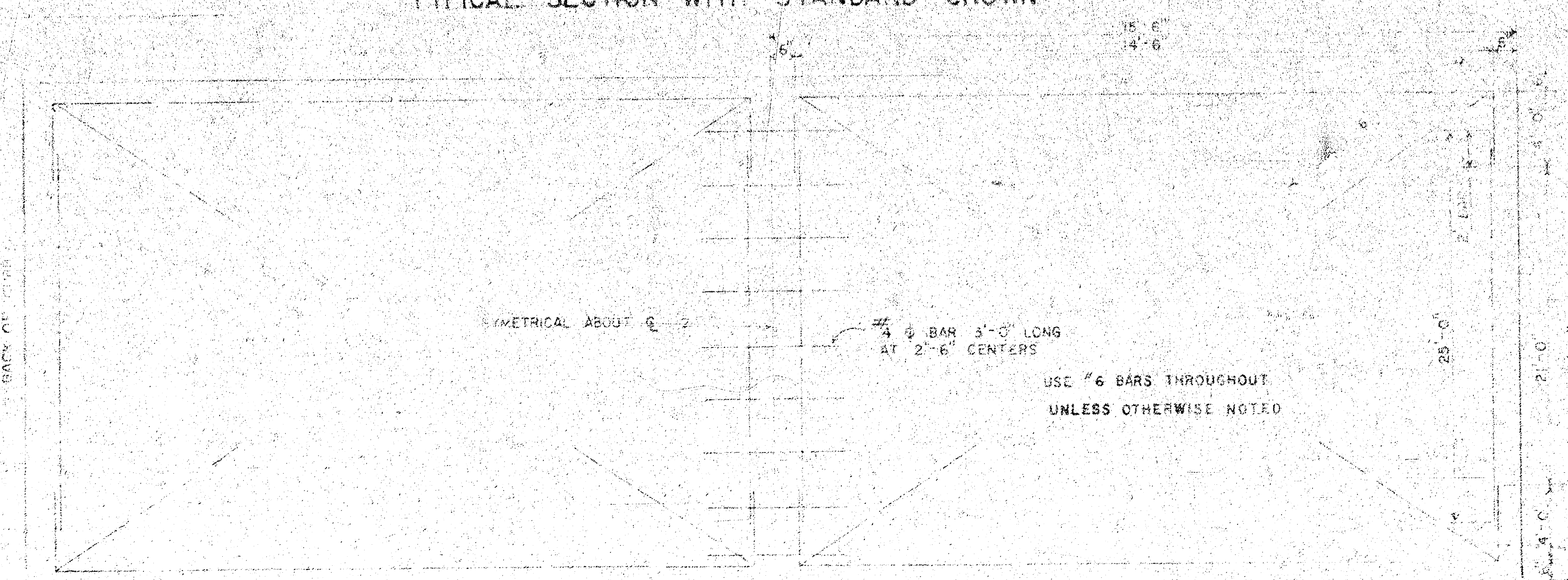
472 76 245 80276 000 000 001



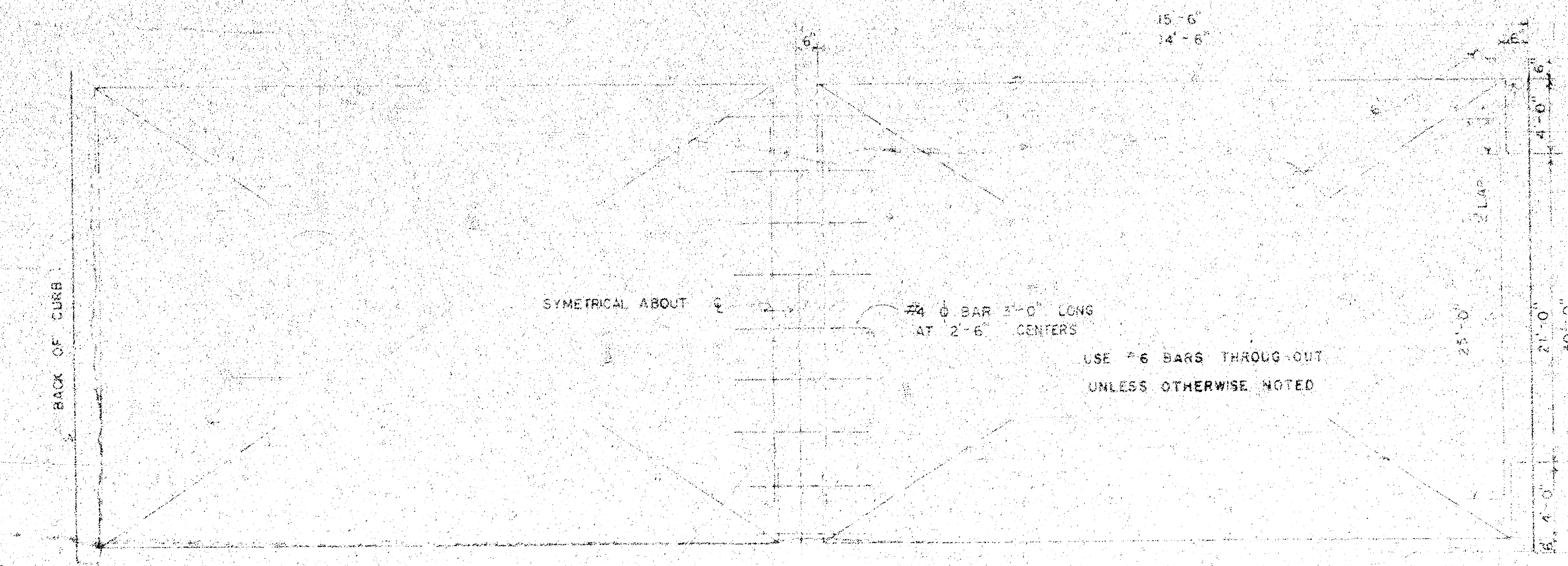
TYPICAL SECTION WITH STANDARD CROWN



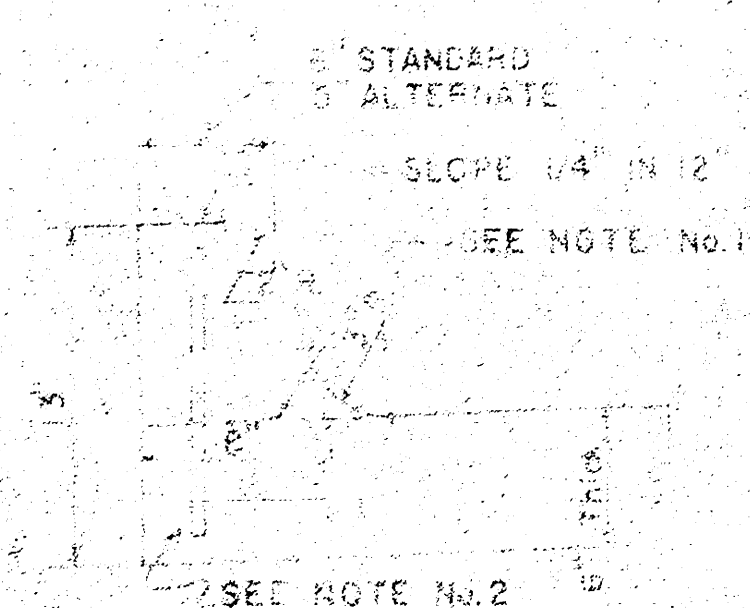
TYPICAL SECTION WITH ALTERNATE CROWN



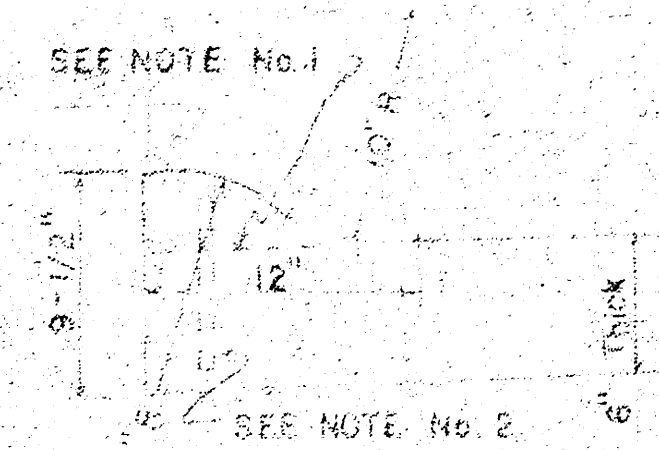
STEEL PATTERN



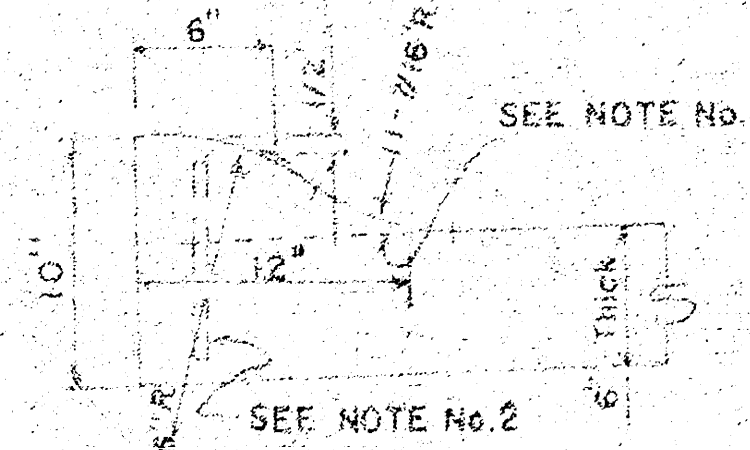
STEEL PATTERN



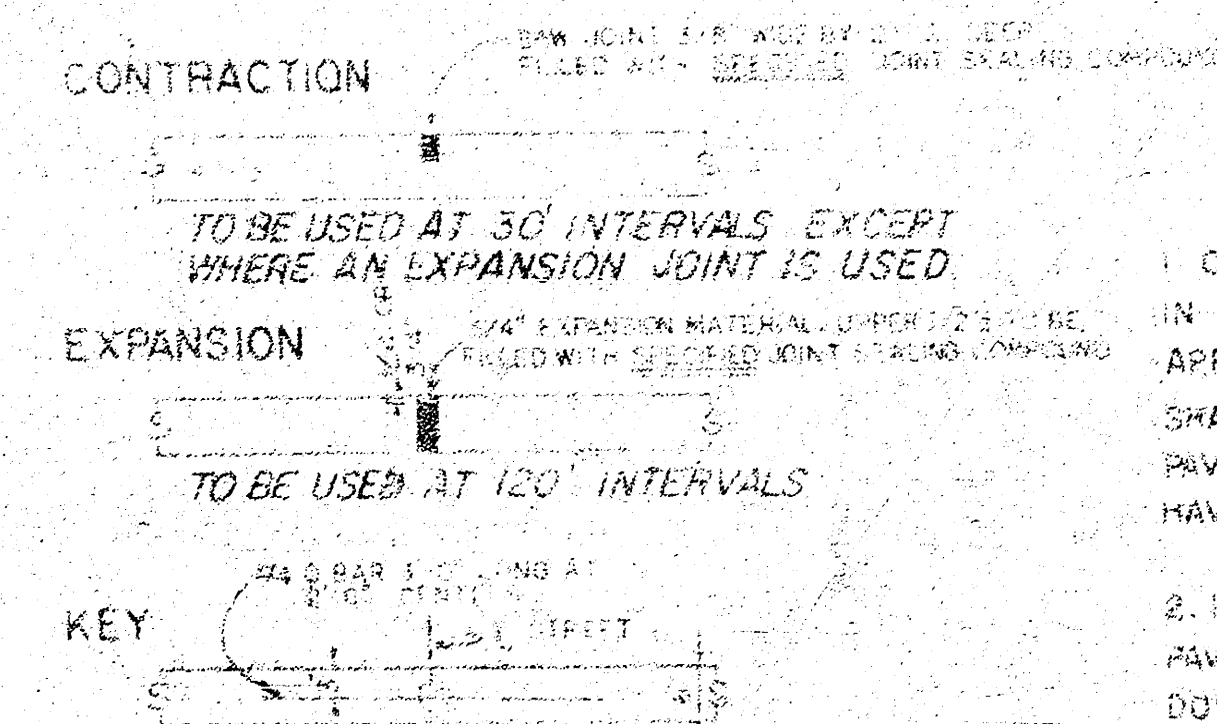
INTEGRAL CURB



ROLL-TYPE



ALTERNATE ROLL-TYPE



JOINT DETAILS

GENERAL NOTES

- CONTRACTION JOINTS MAY BE CONSTRUCTED IN INTEGRAL CURB BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND THROUGH THE CURB TO THE PAVEMENT. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10'.
- INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.



CITY OF WICHITA, KANSAS

Department of Public Works Engineering Division

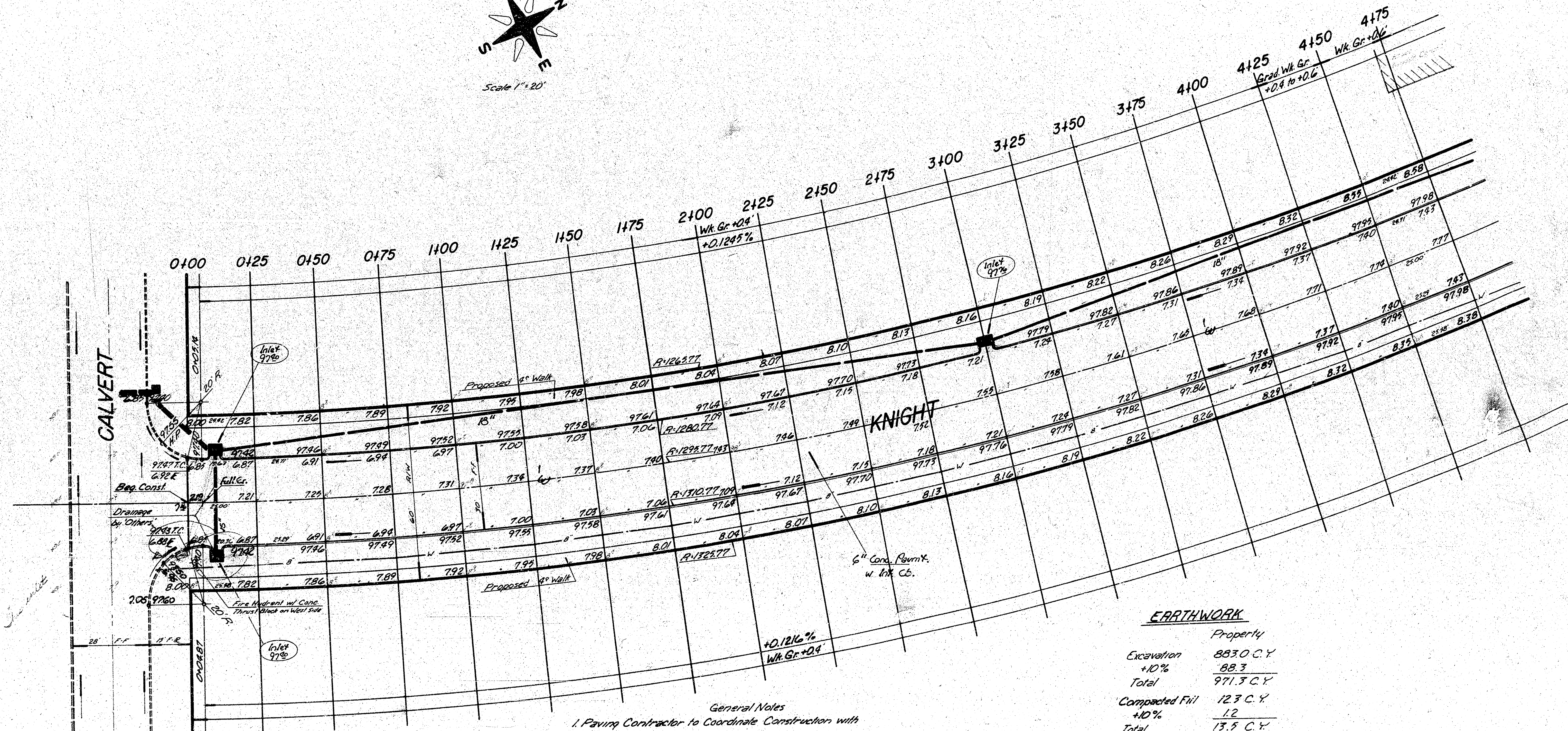
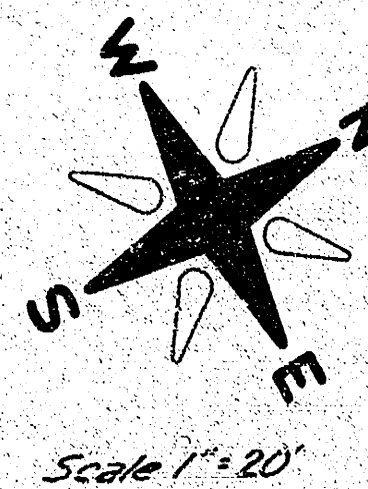
R. W. Linn

City Engineer

Date

Project **DAKS575016**

B.M. 98.51 'D' Top of Curb, No. End Return, N.E. Corner
33rd St. & Leaning.
R is Knight.



EARTHWORK

	Property
Excavation	8830 C.Y.
+10%	88.3
Total	971.3 C.Y.
Compacted Fill	123 C.Y.
+10%	12.3
Total	135.3 C.Y.
Manipulation	21222.5 Y
(Calc.)	

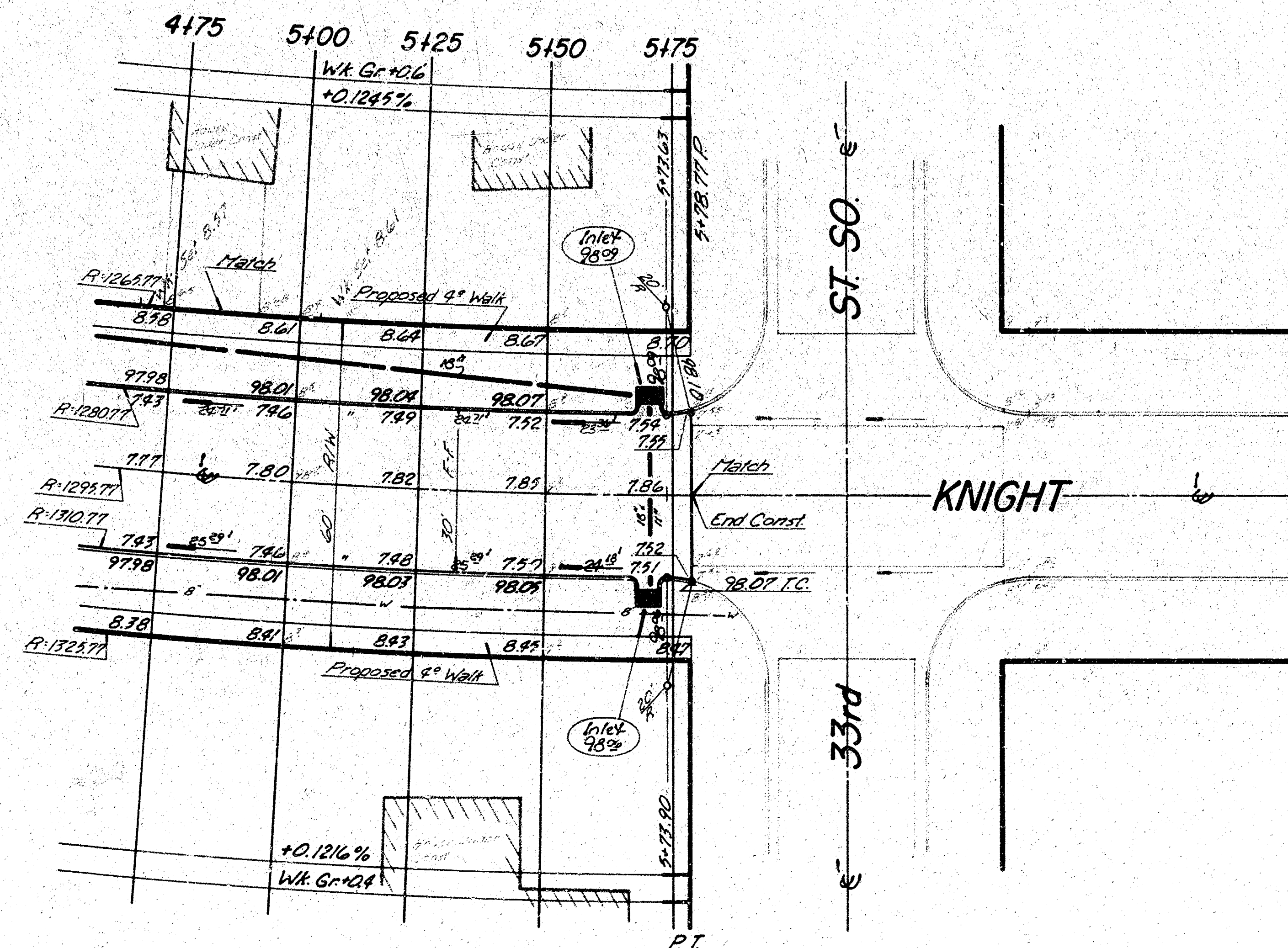
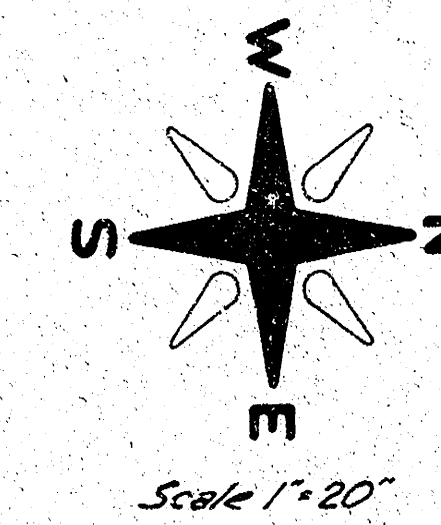
- General Notes
1. Paving Contractor to Coordinate Construction with Drainage Contractor.
 2. Field Engineer to Take Cross-Sections Before Beginning Construction.

SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

NOTE: THE FIELD ENGINEER & CONTRACTOR shall prepare and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

KNIGHT STREET
N.L. Calvert - N.L. 33rd St. So.
DAKS575016
472-76-245-80276-000-000-001

B.M. 98.71 'D' No. End Return, N.E. Corner 33rd St. & Leaning.
 15 Knight



$\Delta = 25.7502^\circ$ $R = 1295.77'$ $T = 294.29'$ $L = 578.77'$ $LC = 575.97'$

STA	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		$2 \sin \frac{\Delta}{2} R$	$2 \sin \frac{\Delta}{2} R$		
0+00	-	-	-	-	0°00'00"
0+04.87	4.87	4.78	4.78	0°06'28"	0°06'28"
0+09.74	9.74	9.56	9.56	0°12'56"	0°12'56"
0+14.61	14.61	14.34	14.34	0°19'24"	0°19'24"
0+19.48	19.48	19.01	19.01	0°25'52"	0°25'52"
0+24.35	24.35	23.78	23.78	0°32'20"	0°32'20"
0+29.22	29.22	28.64	28.64	0°38'48"	0°38'48"
0+34.09	34.09	33.50	33.50	0°45'16"	0°45'16"
0+38.96	38.96	38.36	38.36	0°51'44"	0°51'44"
0+43.83	43.83	43.22	43.22	0°58'12"	0°58'12"
0+48.70	48.70	48.08	48.08	1°04'40"	1°04'40"
0+53.57	53.57	52.94	52.94	1°11'08"	1°11'08"
0+58.44	58.44	57.80	57.80	1°17'36"	1°17'36"
0+63.31	63.31	62.66	62.66	1°24'04"	1°24'04"
0+68.18	68.18	67.52	67.52	1°30'32"	1°30'32"
0+73.05	73.05	72.38	72.38	1°37'00"	1°37'00"
0+77.92	77.92	77.24	77.24	1°43'28"	1°43'28"
0+82.79	82.79	82.10	82.10	1°49'56"	1°49'56"
0+87.66	87.66	86.96	86.96	1°56'24"	1°56'24"
0+92.53	92.53	91.82	91.82	2°02'52"	2°02'52"
0+97.40	97.40	96.68	96.68	2°09'20"	2°09'20"
0+102.27	102.27	101.54	101.54	2°15'48"	2°15'48"
0+107.14	107.14	106.40	106.40	2°22'16"	2°22'16"
0+112.01	112.01	111.26	111.26	2°28'44"	2°28'44"
0+116.88	116.88	116.12	116.12	2°35'12"	2°35'12"
0+121.75	121.75	120.98	120.98	2°41'40"	2°41'40"
0+126.62	126.62	125.84	125.84	2°48'08"	2°48'08"
0+131.49	131.49	130.70	130.70	2°54'36"	2°54'36"
0+136.36	136.36	135.56	135.56	3°01'04"	3°01'04"
0+141.23	141.23	140.42	140.42	3°07'32"	3°07'32"
0+146.10	146.10	145.28	145.28	3°14'00"	3°14'00"
0+150.97	150.97	150.14	150.14	3°20'28"	3°20'28"
0+155.84	155.84	155.00	155.00	3°26'56"	3°26'56"
0+160.71	160.71	159.86	159.86	3°33'24"	3°33'24"
0+165.58	165.58	164.72	164.72	3°39'52"	3°39'52"
0+170.45	170.45	169.58	169.58	3°46'20"	3°46'20"
0+175.32	175.32	174.44	174.44	3°52'48"	3°52'48"
0+180.19	180.19	179.30	179.30	3°59'16"	3°59'16"
0+185.06	185.06	184.16	184.16	4°05'44"	4°05'44"
0+189.93	189.93	189.02	189.02	4°12'12"	4°12'12"
0+194.80	194.80	193.88	193.88	4°18'40"	4°18'40"
0+199.67	199.67	198.74	198.74	4°25'08"	4°25'08"
0+204.54	204.54	203.60	203.60	4°31'36"	4°31'36"
0+209.41	209.41	208.46	208.46	4°38'04"	4°38'04"
0+214.28	214.28	213.32	213.32	4°44'32"	4°44'32"
0+219.15	219.15	218.18	218.18	4°51'00"	4°51'00"
0+224.02	224.02	223.04	223.04	4°57'28"	4°57'28"
0+228.89	228.89	227.90	227.90	5°03'56"	5°03'56"
0+233.76	233.76	232.76	232.76	5°10'24"	5°10'24"
0+238.63	238.63	237.62	237.62	5°16'52"	5°16'52"
0+243.50	243.50	242.48	242.48	5°23'20"	5°23'20"
0+248.37	248.37	247.34	247.34	5°29'48"	5°29'48"
0+253.24	253.24	252.20	252.20	5°36'16"	5°36'16"
0+258.11	258.11	257.06	257.06	5°42'44"	5°42'44"
0+262.98	262.98	261.92	261.92	5°49'12"	5°49'12"
0+267.85	267.85	266.78	266.78	5°55'40"	5°55'40"
0+272.72	272.72	271.64	271.64	6°02'08"	6°02'08"

Def. 1" = 326.5866 Min. 1 ft.

Note: Contractor to use caution when working equipment over SWS line due to shallow fill over the pipe.

KNIGHT ST.