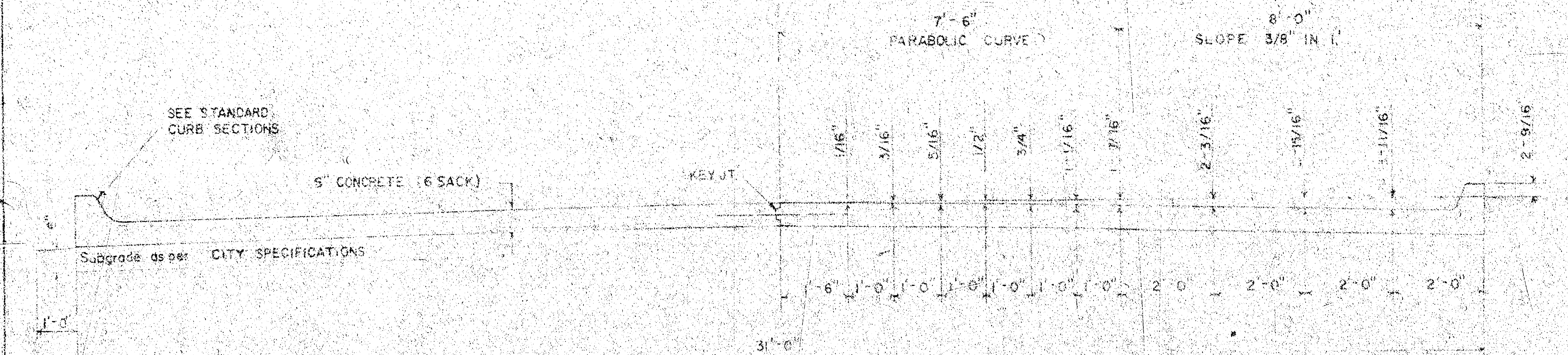
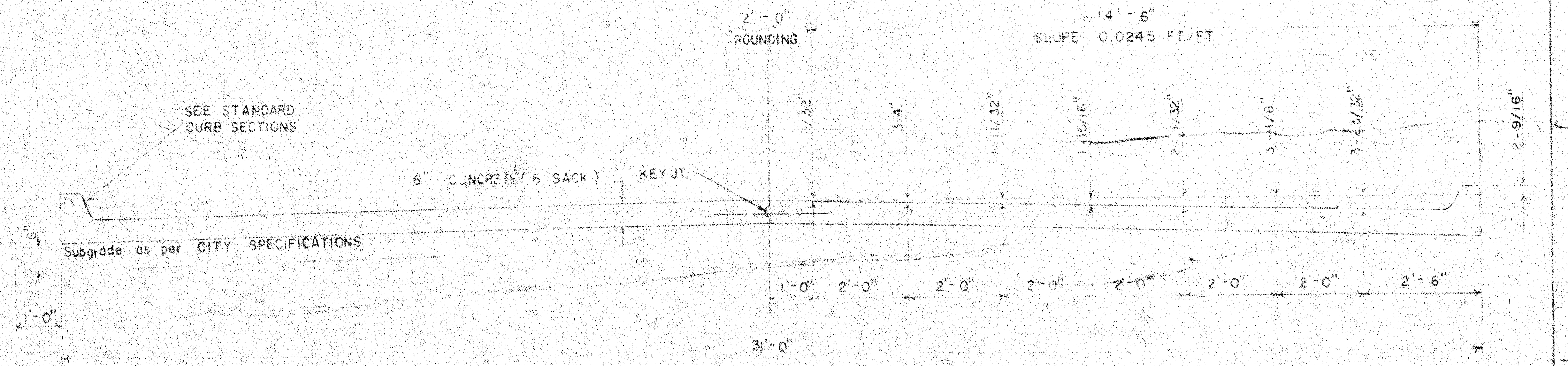
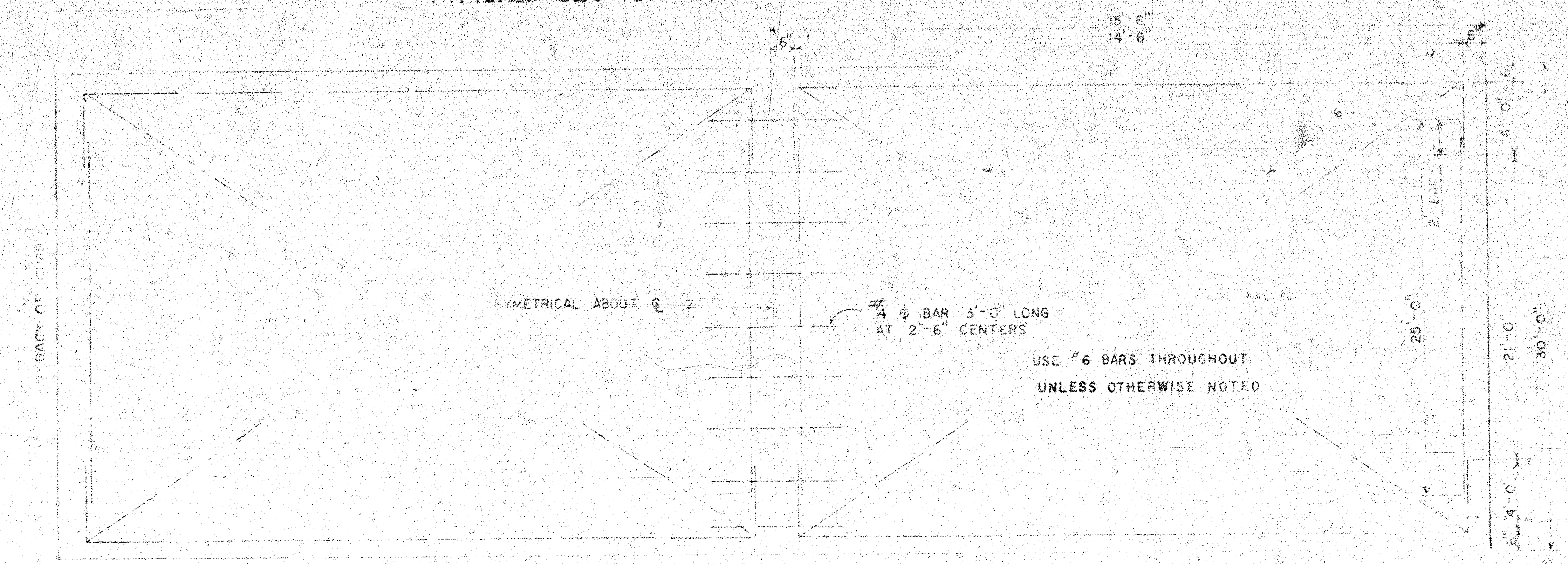
KNIGHT STREET
N. L. CALVERT - N. L. 33rd ST. SO.
TYPICAL SECTIONS OF 30' CONCRETE PAVEMENT
DAKS575016
472 76 245 80276 000 000 001



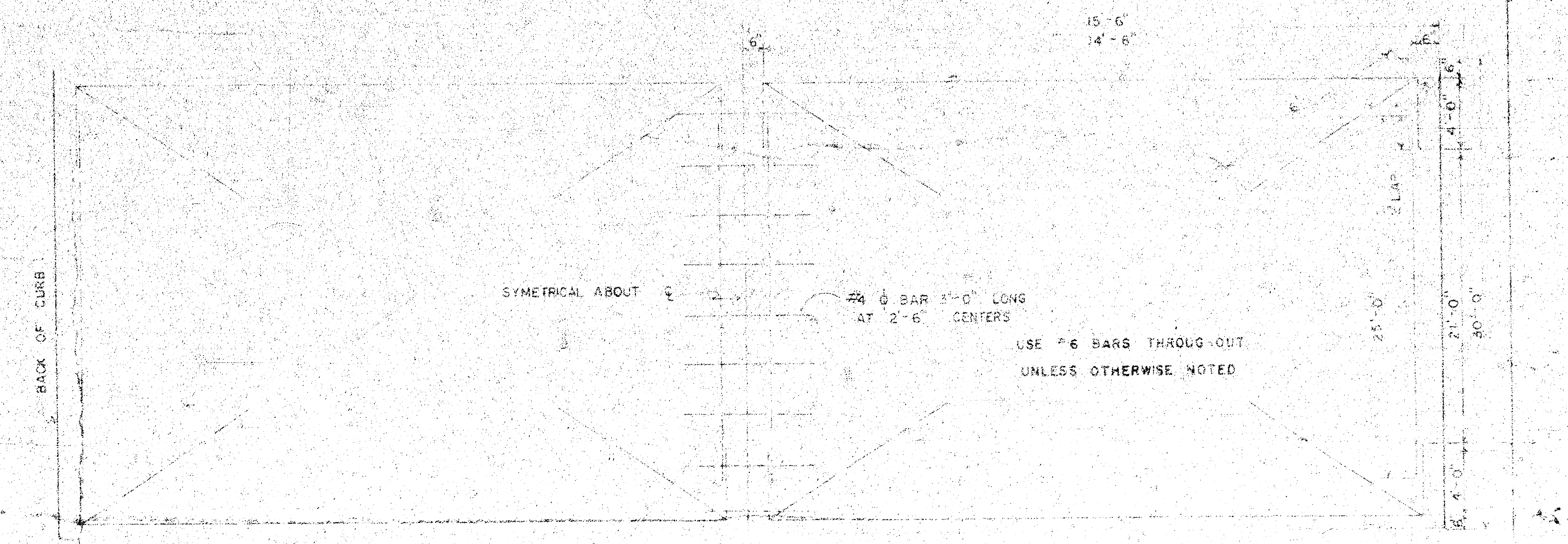
TYPICAL SECTION WITH STANDARD CROWN



TYPICAL SECTION WITH ALTERNATE CROWN

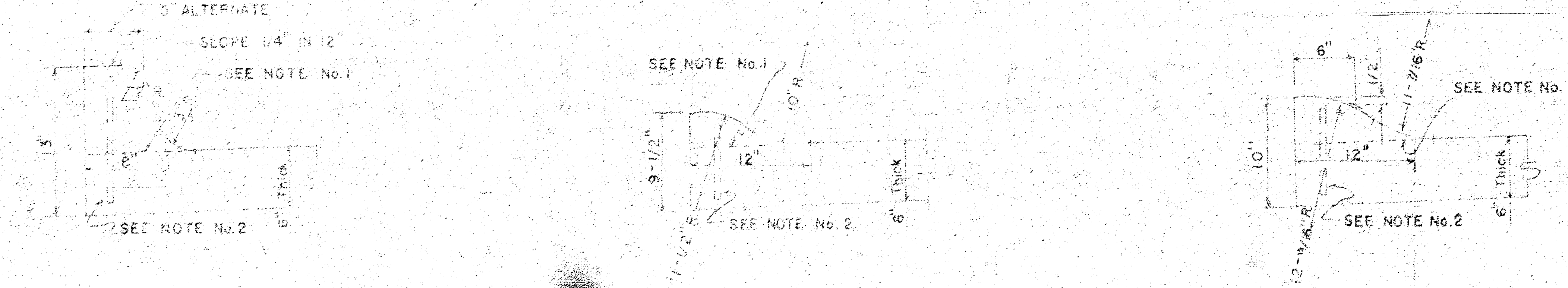


STEEL PATTERN



STEEL PATTERN

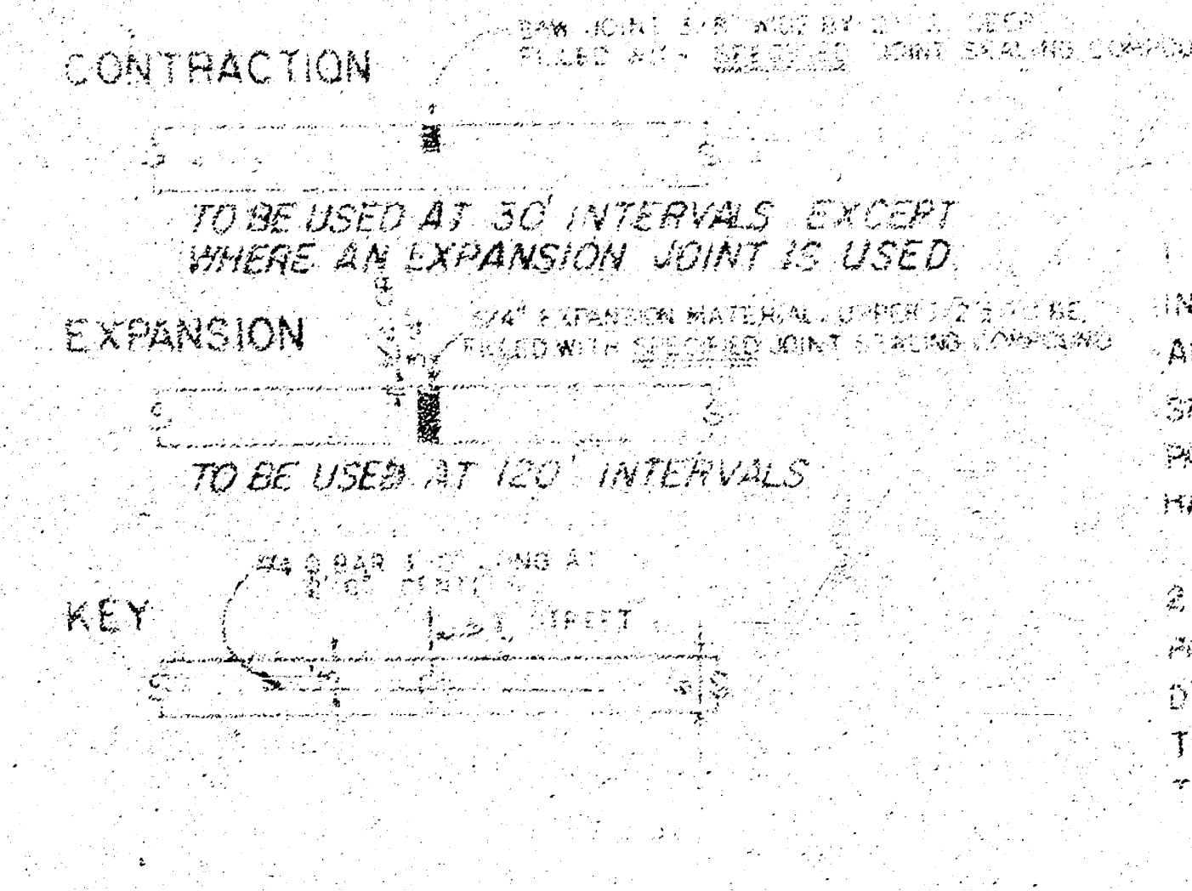
STANDARD SECTIONS OF



INTEGRAL CURB

ROLL-TYPE

ALTERNATE ROLL-TYPE


CONTRACTION

SAW JOINT 3/8" WIDE BY 1-1/2" DEEP
FILLED WITH SPECIFIED JOINT SEALING COMPOUND

TO BE USED AT 30' INTERVALS EXCEPT WHERE AN EXPANSION JOINT IS USED.

EXPANSION

3/4" EXPANSION MATERIAL UPPER 1/2" TO BE
FILLED WITH SPECIFIED JOINT SEALING COMPOUND

TO BE USED AT 120' INTERVALS

KEY

#4 ⌀ BAR 3'-0" LONG AT
2'-6" CENTERS

JOINT DETAILS

GENERAL NOTES

1. 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'.

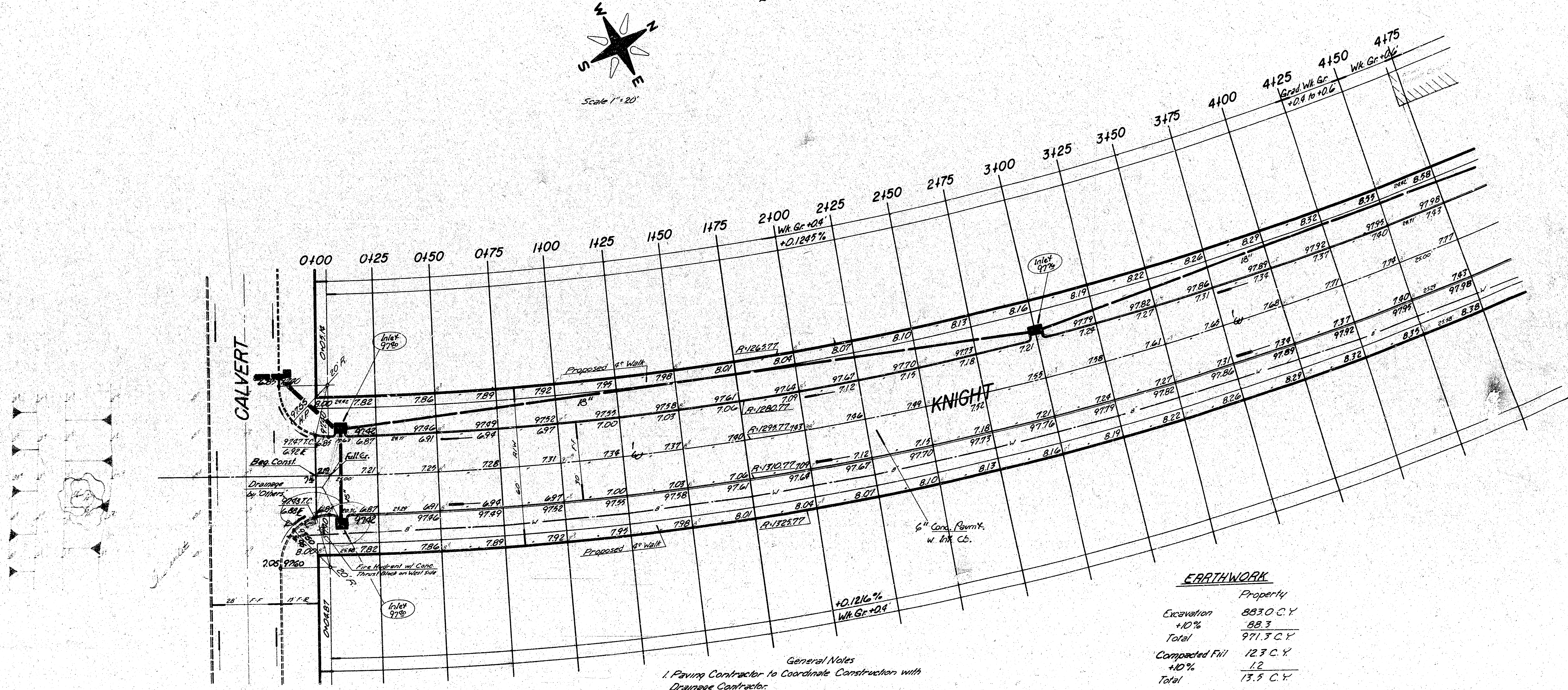
2. INTEGRAL CURB SHALL BE TIED TO THE PAVEMENT BASE WITH SHORT DEFORMED DOWEL BARS SPACED AT 2'-6" INTERVALS. THESE DOWEL BARS SHALL NOT BE LESS THAN 1/2" OR MORE THAN 3/4" IN DIAMETER.

R. W. LINN
3584

CITY OF WICHITA, KANSAS
Department of Public Works Engineering Division
R.W. Linn City Engineer
Date Project No. DAKS575016

Survey Thull [redacted] MPJ #3
Plan Breitenstein
Exc ″
Checked

B.M. 98.51 '□' Top of Curb, No. End Return, N.E. Corner
33rd St. & Leonine.
℄ is ℄ Knight



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

EARTHWORK

	Property
Excavation	883.0 C.Y.
+10%	88.3
Total	971.3 C.Y.
Compacted Fill	12.3 C.Y.
+10%	1.2
Total	13.5 C.Y.
Manipulation (Calc.)	2122.2 S.Y.

SUB-GRADE

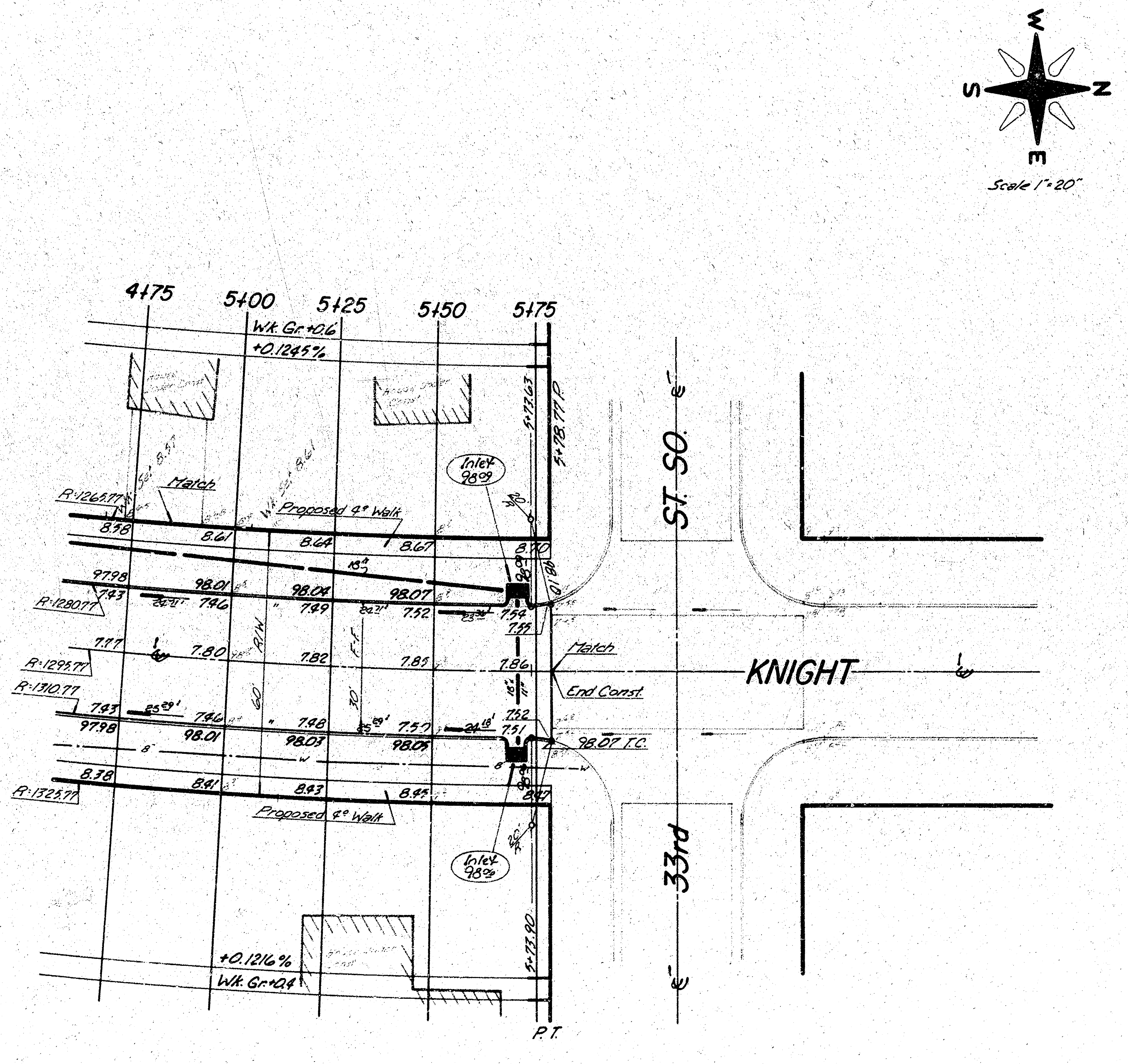
TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR
Grade parking 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

2/4

B.M. 98.51 '□' No. End Return, N.E. Corner 33rd St. & Leonine.
℄ is ℄ Knight



Δ = 25°35'30" R. = 1295.77' T. = 294.29' L. = 578.77' LC. = 573.97'

CURVE DATA BASED ON ℄ RAD. Δ/2 = 12°47'45"					
STA.	ARC.	CHORD LENGTH 8' OFF ℄ CB.	 8' OFF ℄ CB.	DEFLECTION	TOTAL DEFLECTION
0+00	-	-	-	-	0°00'00"
0+04.87	4.87	4.78	4.96	0°06'28"	0°06'28"
0+05.14	0.27	0.26	0.28	0°00'21"	0°06'49"
0+25	19.86	19.51	20.21	0°26'21"	0°33'10"
0+50	25.00	24.56	25.44	0°33'10"	1°06'20"
0+75	"	"	"	0°33'09"	1°39'29"
1+00	"	"	"	0°33'10"	2°12'39"
1+25	"	"	"	"	2°45'49"
1+50	"	"	"	"	3°18'59"
1+75	"	"	"	0°33'10"	3°52'09"
2+00	"	"	"	0°33'09"	4°25'18"
2+25	"	"	"	0°33'10"	4°58'28"
2+50	"	"	"	"	5°31'38"
2+75	"	"	"	0°33'10"	6°04'48"
3+00	"	"	"	0°33'09"	6°37'57"
3+25	"	"	"	0°33'10"	7°11'07"
3+50	"	"	"	"	7°44'17"
3+75	"	"	"	"	8°17'27"
4+00	"	"	"	0°33'10"	8°50'37"
4+25	"	"	"	0°33'09"	9°23'46"
4+50	"	"	"	0°33'10"	9°56'56"
4+75	"	"	"	"	10°30'06"
5+00	"	"	"	"	11°03'16"
5+25	"	"	"	0°33'10"	11°36'26"
5+50	25.00	24.56	25.44	0°33'09"	12°09'35"
5+73.63	23.63	23.21	24.05	0°31'21"	12°40'56"
5+73.90	0.27	0.26	0.28	0°00'22"	12°41'18"
5+78.77	4.87	4.78	4.96	0°06'27"	12°47'45"

Def'l = 1.3265266 Min./Ft.

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

KNIGHT ST.