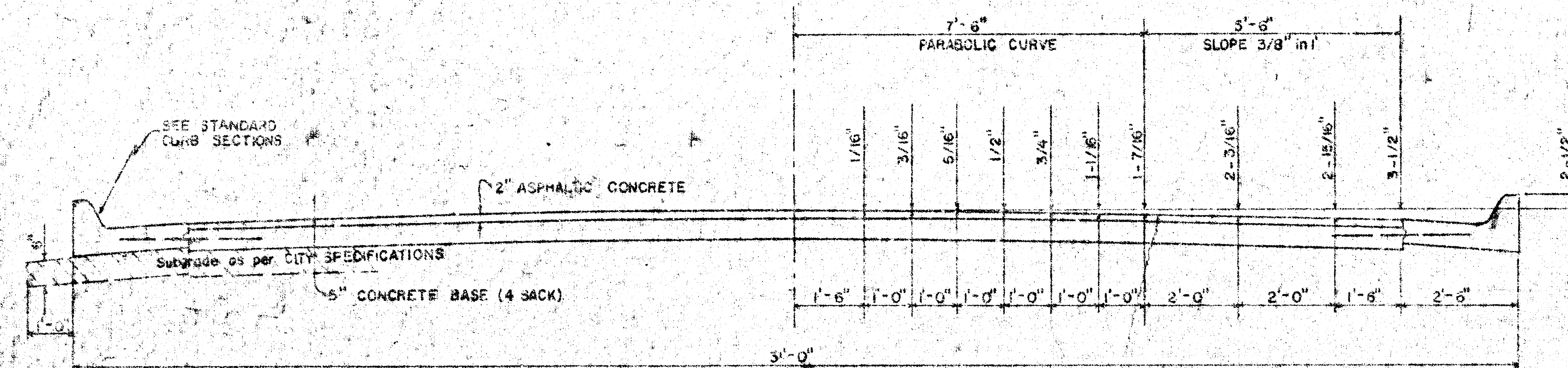


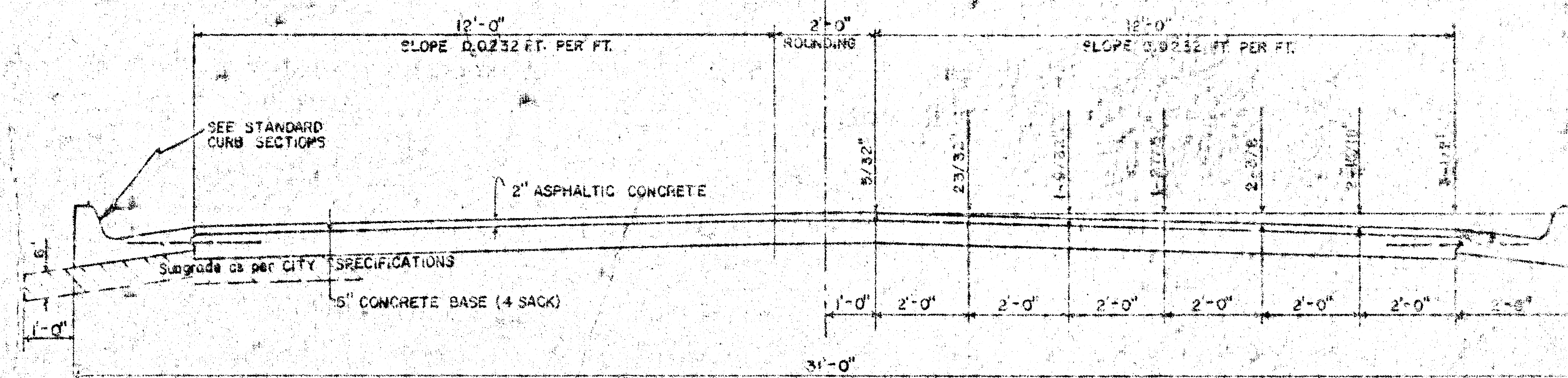
Columbine Lane

S.L. Red Bud Lane To S.L. 25th St. N.

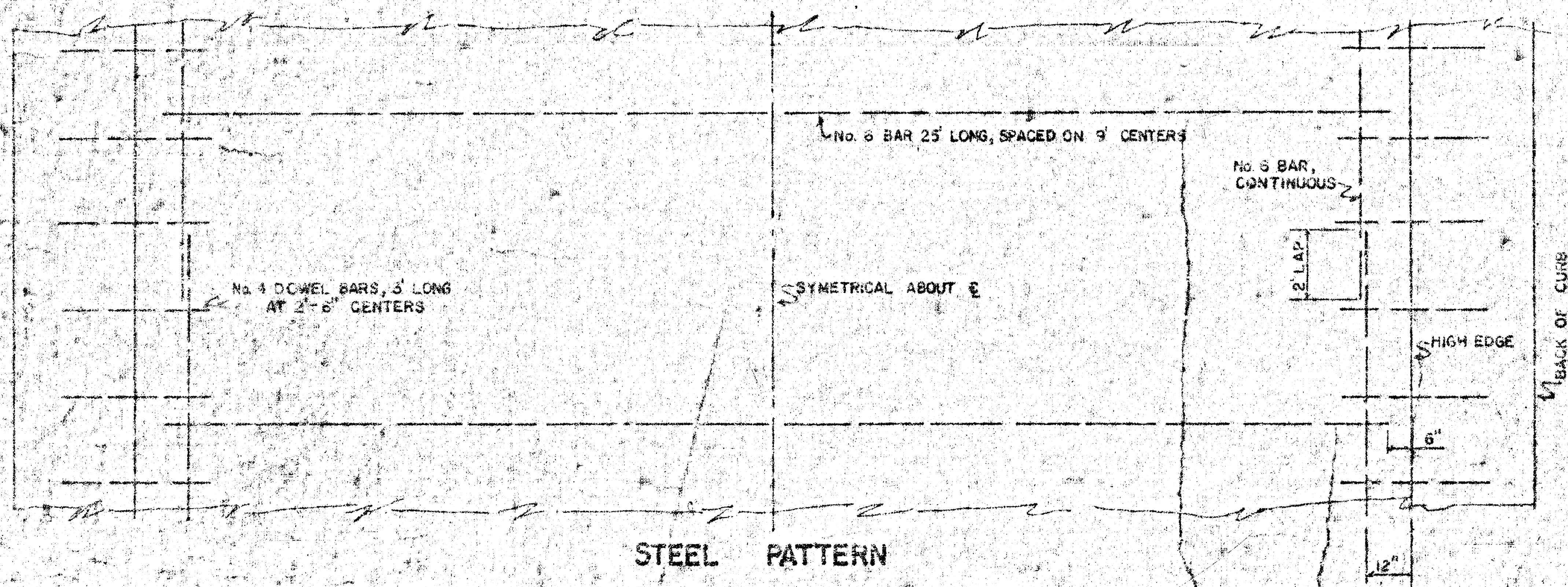
TYPICAL SECTIONS of 30' ASPHALTIC CONCRETE PAVEMENT



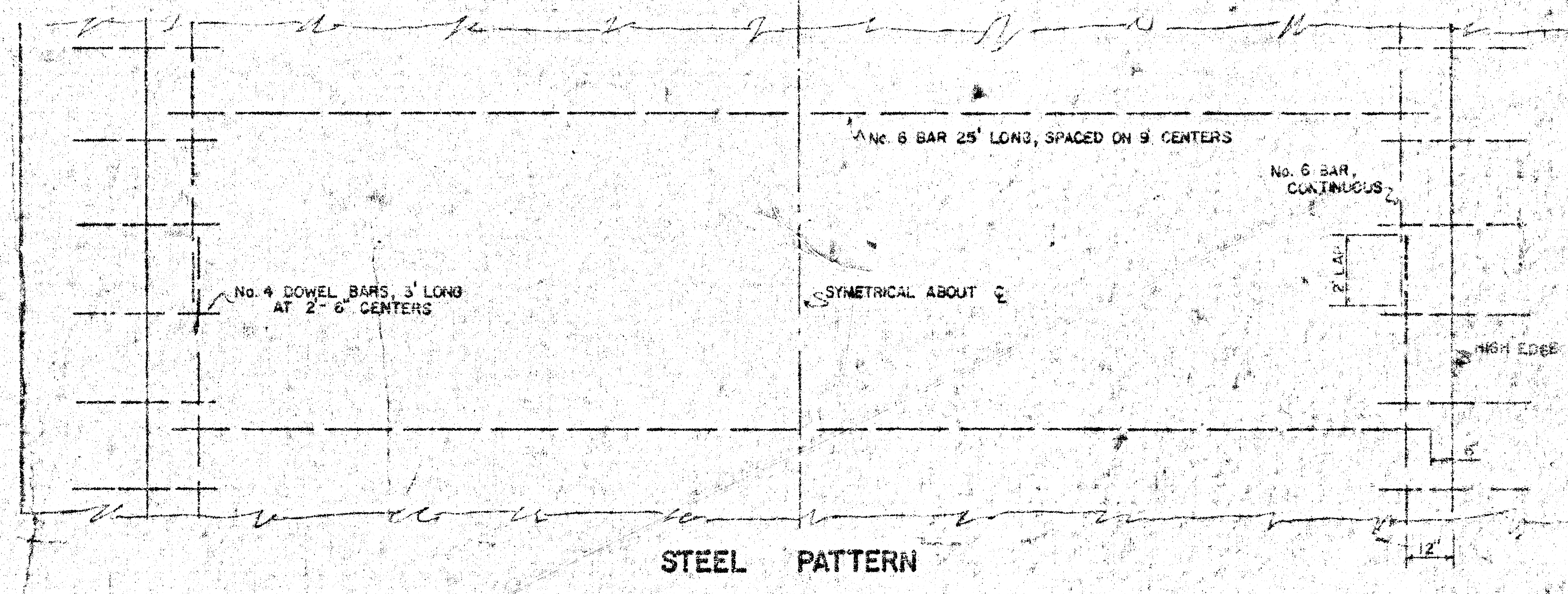
TYPICAL SECTION WITH STANDARD CROWN



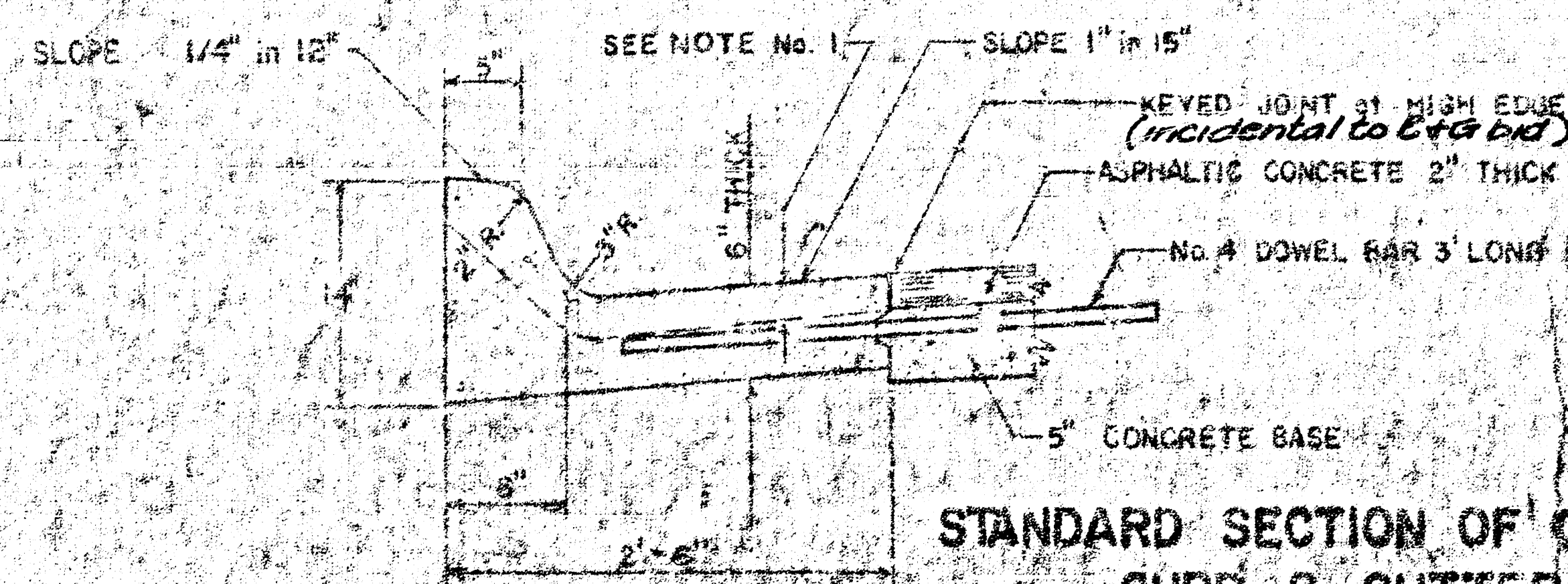
TYPICAL SECTION WITH ALTERNATE CROWN



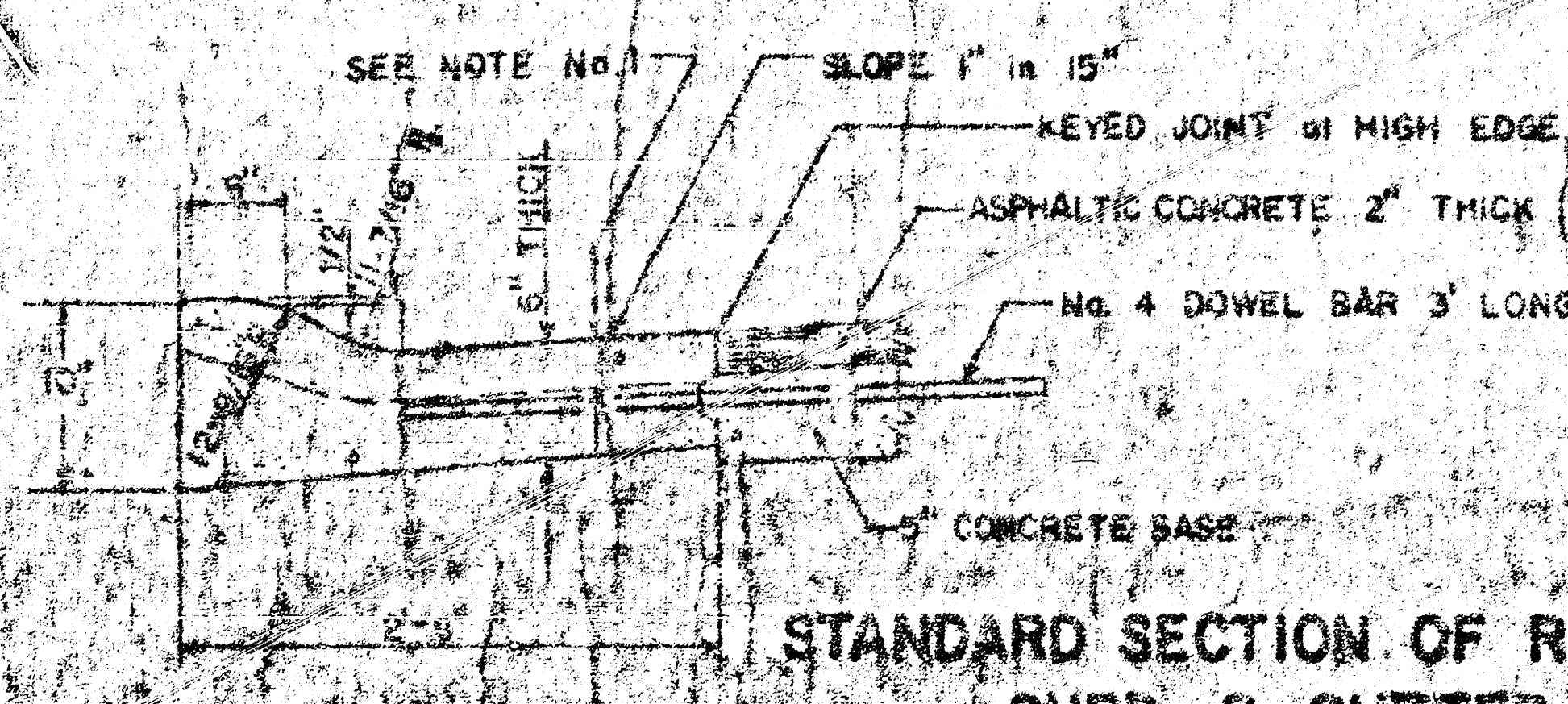
STEEL PATTERN



STEEL PATTERN



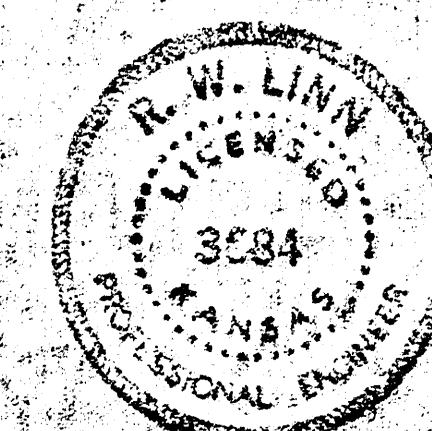
STANDARD SECTION OF COMBINED CURB & GUTTER



STANDARD SECTION OF ROLL-TYPE CURB & GUTTER

GENERAL NOTES

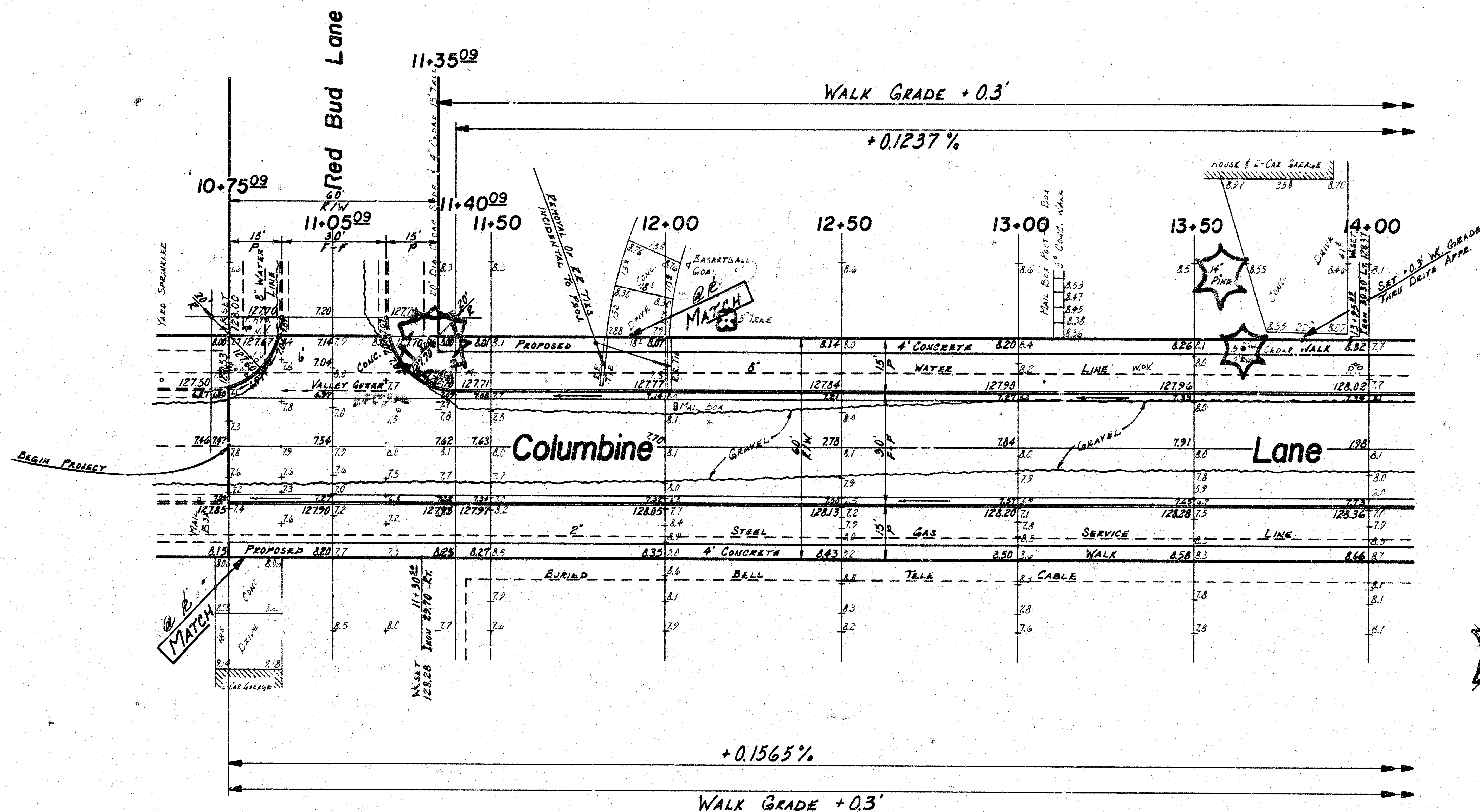
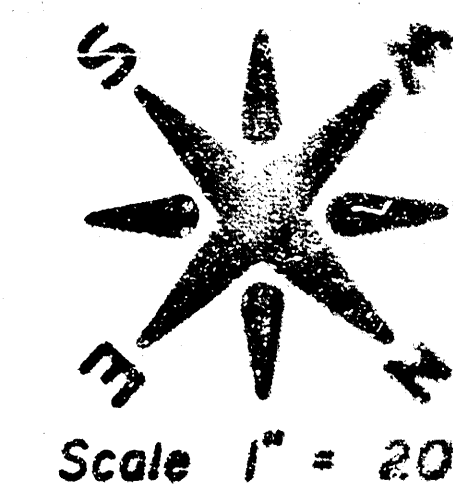
1. CONTRACTION JOINTS MAY BE CONSTRUCTED IN COMBINED CURB AND GUTTER BY SAWING WITH AN APPROVED CONCRETE SAW. THE SAW CUT SHALL EXTEND 2-1/2" BELOW THE SURFACE OF THE GUTTER AND CURB. SAWED CONTRACTION JOINTS SHALL HAVE A MAXIMUM SPACING OF 10' AND BE FILLED WITH A SPECIFIED JOINT FILLER, SUCH THAT THE JOINT IN THE GUTTER SECTION WILL BE COMPLETELY FILLED.



CITY OF WICHITA, KANSAS
 Department of Public Works - Engineering Division
 R.W. Linn City Engineer
 Date: _____ Project No. 472 76 245 80016 000 000 000
 Proj. No. 472 76 245 80016 000 000 000

B.M. 128.65 CITY STD. SW COR. CARDINAL DRIVE & McLEAN BLYD.
B.M. 129.31 NE COR. CONC. PORCH HOUSE # 3045 COLUMBINE LANE
B.M. 129.64 SW COR. CONC. PORCH HOUSE # 2938 COLUMBINE LANE
B.M. 129.65 SE COR. CONC. PORCH HOUSE # 2824 COLUMBINE LANE

NO MORE THAN 8-20' DRIVES ARE TO BE CONSTRUCTED ON THIS PROJECT



NOTE: TREES MARKED THUS ARE TO BE REMOVED EXCEPT THAT ANY TREE MARKED FOR REMOVAL WHICH IN THE OPINION OF THE ENGINEER CAN BE SAVED, SHALL BE SAVED.

NOTE: MAIL BOX REMOVAL AND REPLACEMENT
TO BE INCIDENTAL TO PROJECT.

CAUTION
UNDERGROUND
UTILITIES

Please check with K G & E or
Southwestern Bell
Telephone Co. for Location

SUBGRADE

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 pro-~~
~~posed sidewalk. Compact fill-in sidewalk area~~
~~TO BE CONSTRUCTED BY OTHERS.~~

EARTHWORK PROPERTY

EXCAVATION	497.3	Cu. Yds.
+ 10%	497	Cu. Yds.
TOTAL	547.0	Cu. Yds.

COMPACTED FILL	44.5	CU. YDS.
+ 10 %	4.5	CU. YDS.
TOTAL	49.0	CU. YDS.

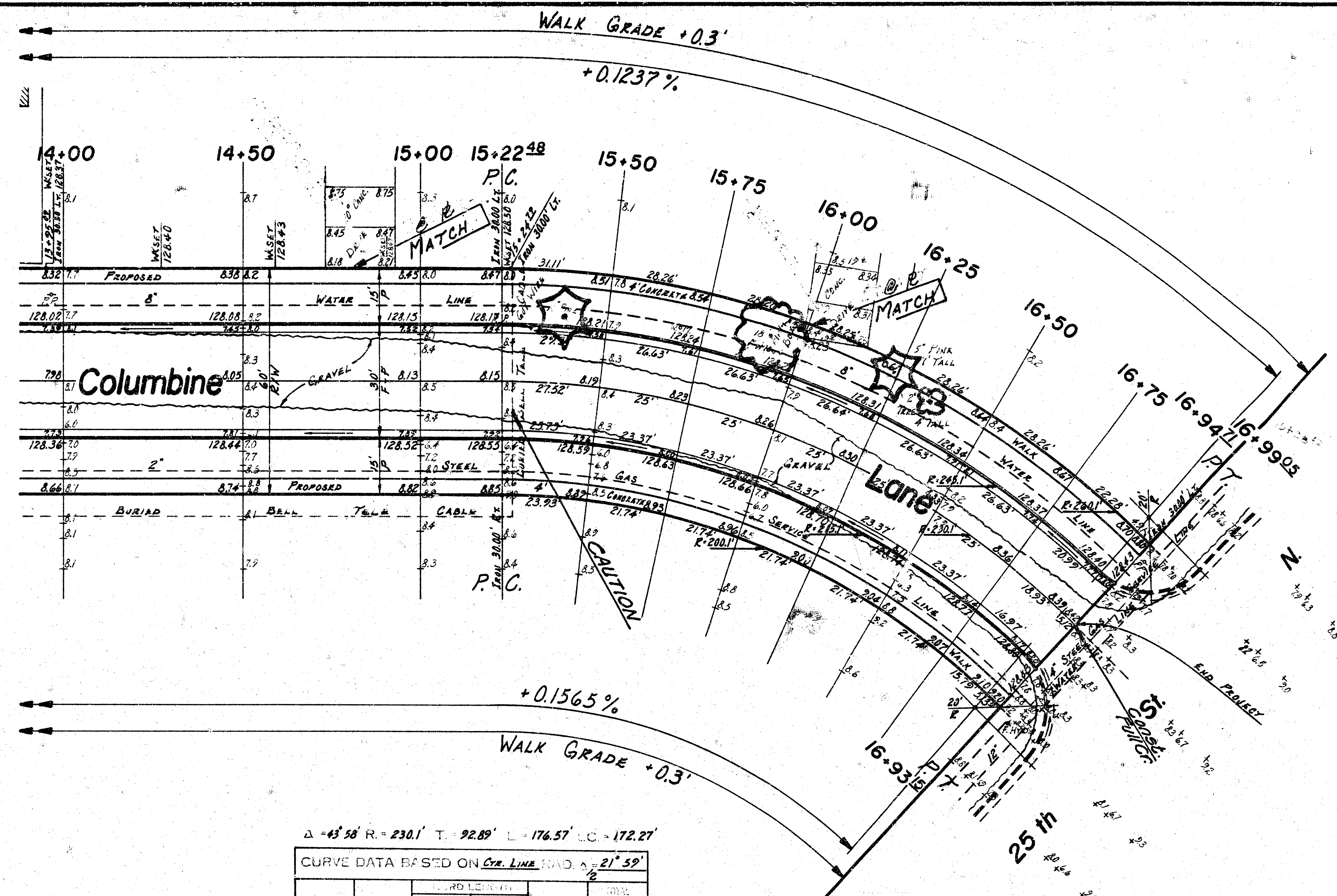
EARTHWORK CITY

EXCAVATION	56.8	CU. YDS.
40 %	5.7	CU. YDS.
TOTAL	62.5	CU. YDS.

COMPACTED FILL	0.6	CU. YDS.
+ 10 %	0.1	CU. YDS.
TOTAL	0.7	CU. YDS.

MANIPULATION 2353.2 Sq. Yds.

Columbine Lane
S.L. Red Bud Lane To
25th St. N.
Asphaltic Concrete Pavement
30' F-F With Comb. Cb. &
City Of Wichita, Kansas
R. W. Linn City Engineer
Proj. No. 472 76 245 80016 000 000
Proj. No. DAKS566052 Date: Sht. 2



$\Delta = 45^\circ 58' R = 230.1' T = 92.89' L = 176.57' LC = 172.27'$

CURVE DATA BASED ON C.Y.R. LINE RAD. $\Delta = 21^\circ 59'$

STA.	ARC	CHORD	DEFLECTION	CHORD	DEFLECTION
15+22.48			0° 00' 00"	0° 00' 00"	
15+50	27.52'	30.23'	24.75'	3° 25' 35"	3° 25' 35"
15+75	25'	27.49'	22.49'	3° 06' 45"	6° 32' 20"
16+00	25'	27.49'	22.49'	3° 06' 45"	9° 39' 05"
16+25	25'	27.49'	22.49'	3° 06' 45"	12° 45' 50"
16+50	25'	27.49'	22.49'	3° 06' 45"	15° 52' 35"
16+75	25'	27.49'	22.49'	3° 06' 45"	18° 59' 21"
16+93.15	18.15'	19.96'	16.33'	2° 15' 34"	21° 14' 35"
16+94.21	1.56'	1.72'	1.40'	0° 11' 48"	21° 26' 35"
16+99.95	4.34'	4.77'	3.91'	0° 32' 25"	21° 59' 00"

DEFL./FT. = 7.470114669 MIN.

Columbine Lane
 S.L. Red Bud Lane To S.L.
 25th St. N.
 Asphaltic Concrete Pavement
 30' F-F With Comb. Cb. & Gr.
 City Of Wichita, Kansas
 R. W. Linn City Engineer
 Proj. No. 472 76 245 80016 000 000 001
 Proj. No. DAKS566052 Date: Sht. 3 of