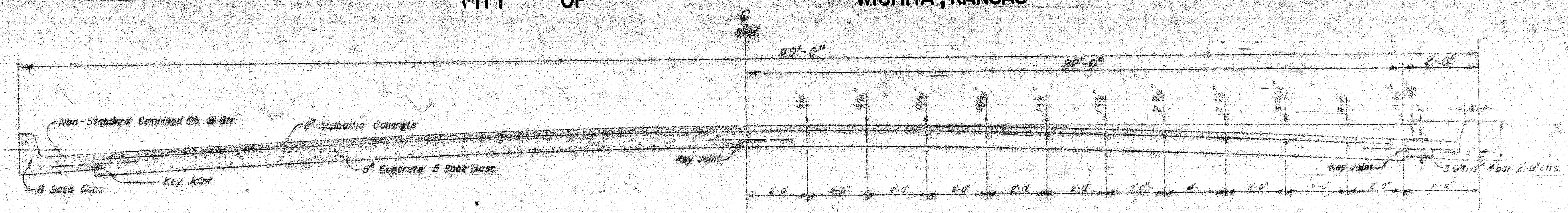
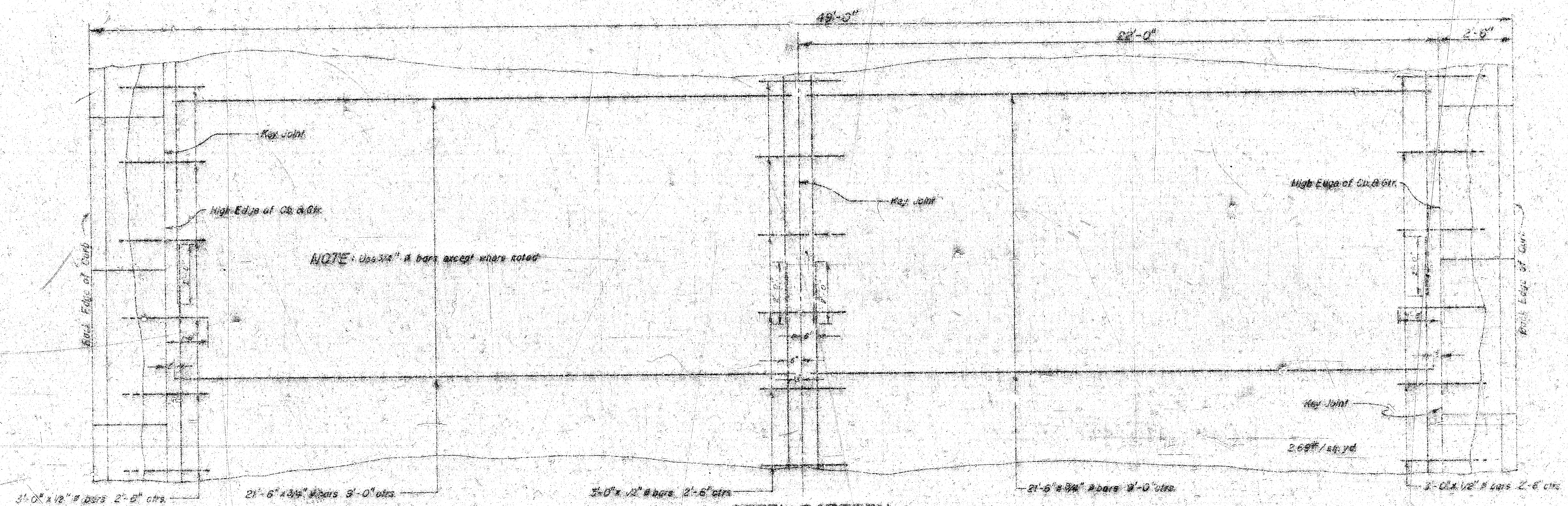


WEST STREET
 N.L. 17TH STREET TO S.L. 21ST STREET
 B.E. SMITH CITY ENGINEER
 CITY OF WICHITA, KANSAS

PROJ No. C10-3

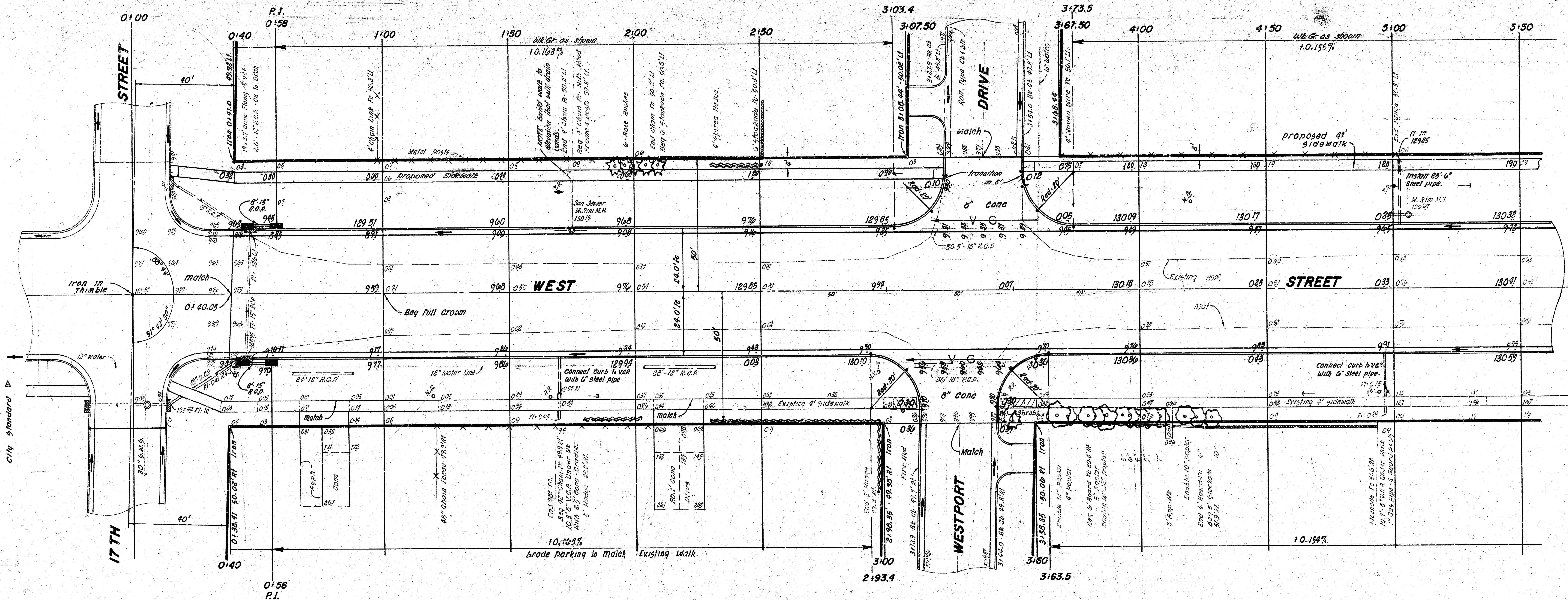


TYPICAL SECTION
 Scale 1" = 2'-0"



STEEL PATTERN
 Scale 1" = 2'-0"

B.M. 12964 CITY STANDARD on S.E. COR. 17TH ST and WEST ST - 34' E. and 49' S. of B.M.
 B.M. 12964 R.R. Spike N.S. Pole on N.E. COR. WEST ST and WESTPORT.
 Base Line: Center Line

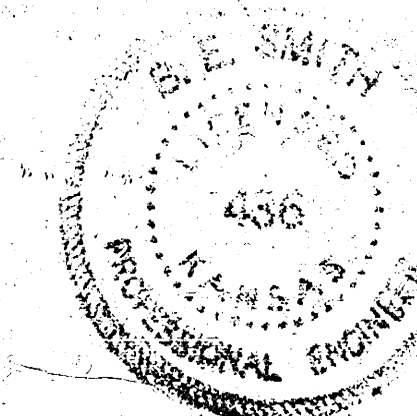
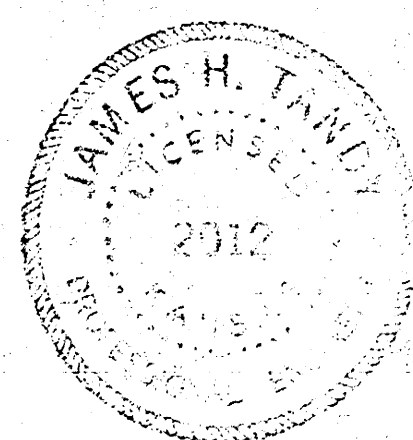


• EARTHWORK •

Excavation	Comp Fill
3774.0	1257.6 Cu Yds
1596.0	1071.25.8
3186.0	1383.4 Cu Yds
2629.1	
1071.25.8	
2892.0 Cu Yds	

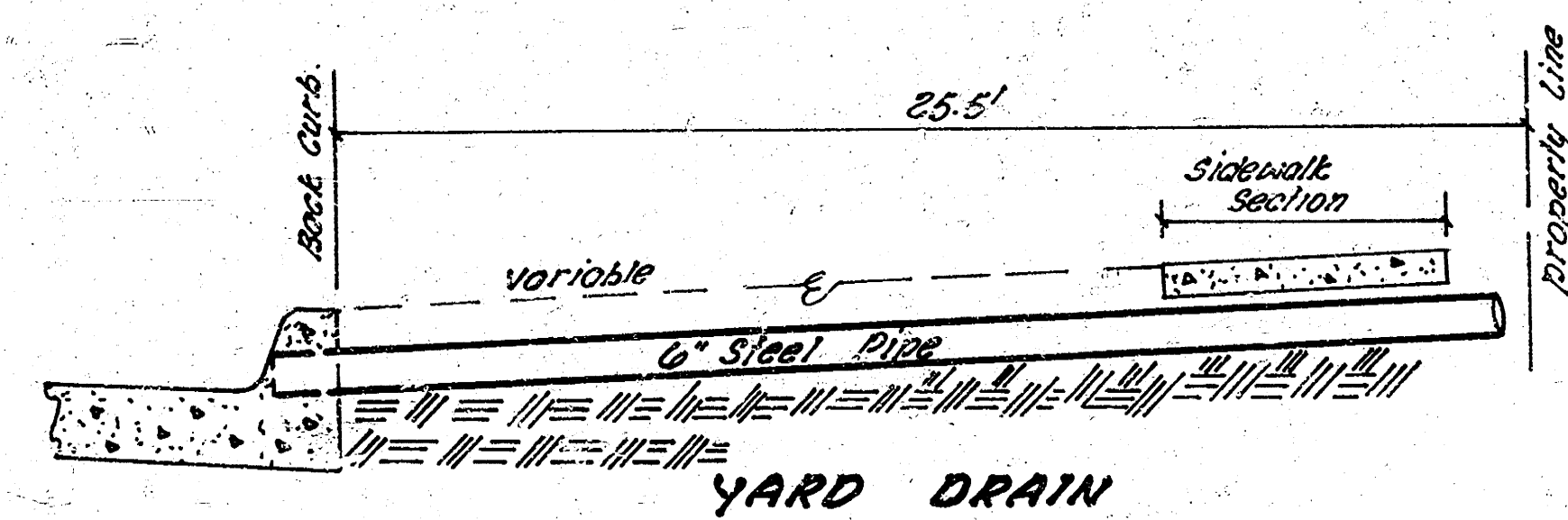
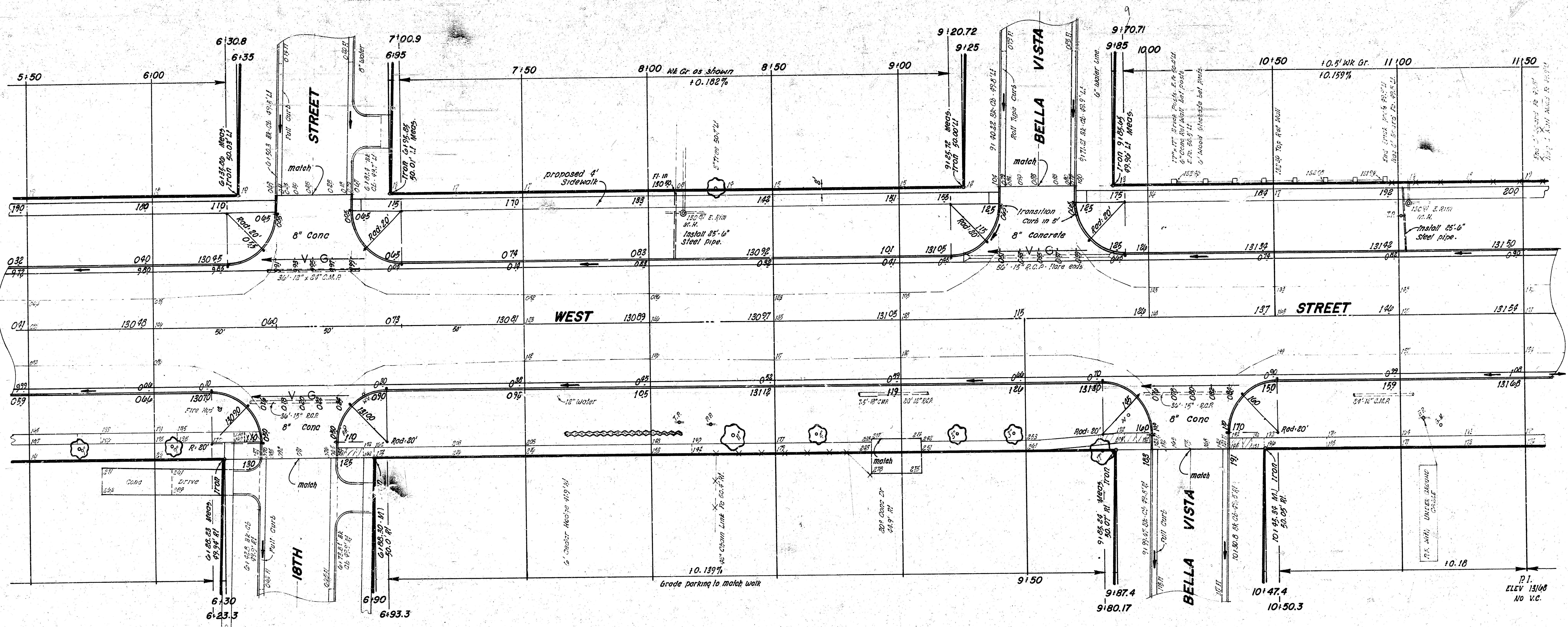
54M. 2598.8
 Comp Fill 1237.2
 3, 236.0 cu
 LUL

WEST STREET
 N.L. 17TH STREET to S.L. 21ST STREET
44' - 2' - 48' ASPHALTIC-CONC
 CITY OF WICHITA, KANSAS
 B.E. SMITH CITY ENGINEER
 DATE FEB. 1971 PROJECT No. C10-3



2/14

B.M. 131.84 R.R. Spike N. Side P. Pole. East Side WEST ST. 130.4' N. of M.L. 18TH ST.
 B.M. 131.84 R.R. Spike " " " " " " 145.1' N. of M.L. BELLA VISTA



3/4

PROJ No. C10-3

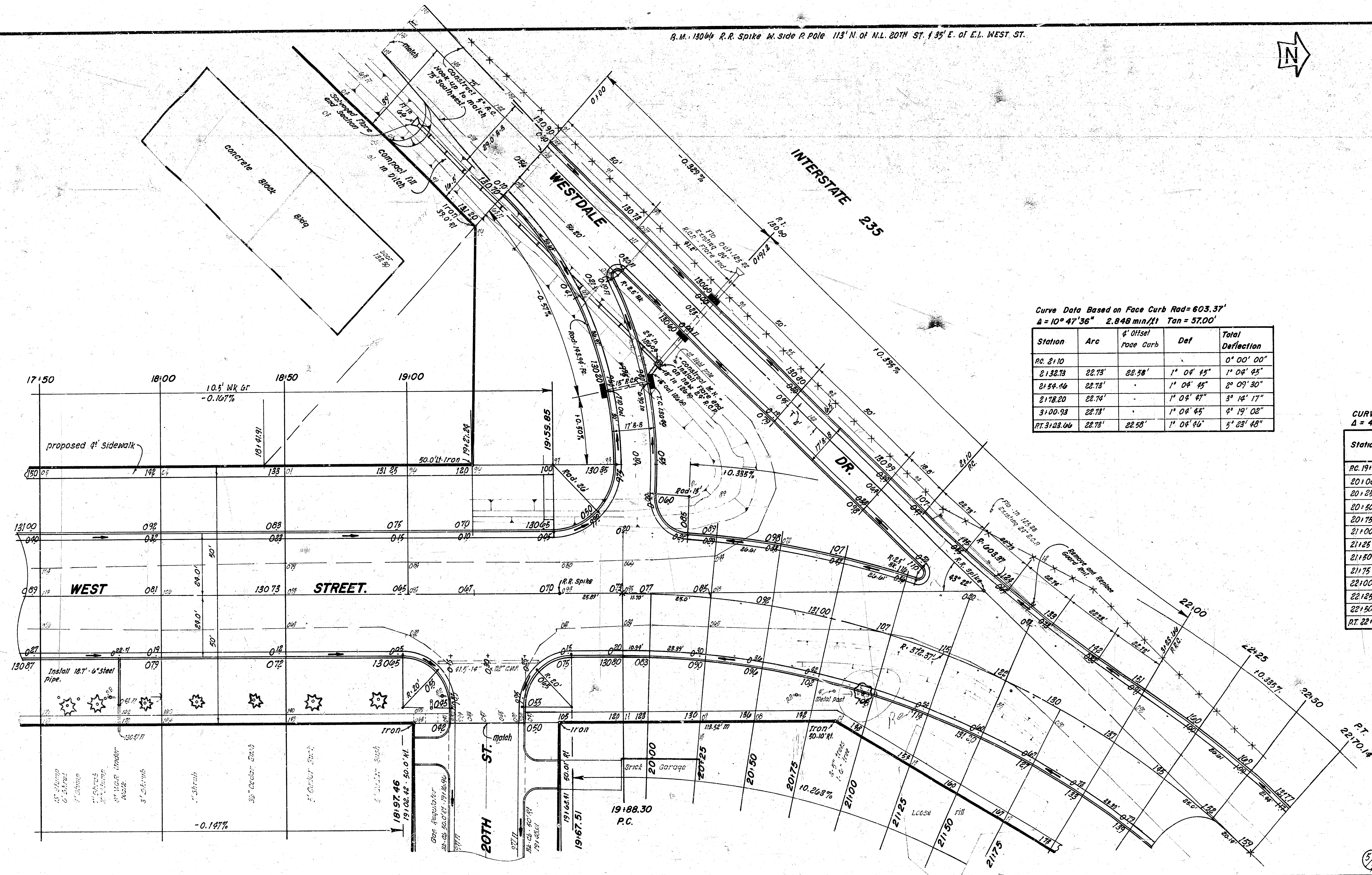
B.M. 130 86 R.R. Spike W. Side. P. Pole on N.E. Cor. WEST ST & WESTLAWN

This technical drawing is a plan view of a sewer extension project. It illustrates the layout of a new sewer line connecting Westlawn Street to 19th Street. The main sewer line runs horizontally at the top of the sheet, with several vertical branches labeled "WESTLAWN STREET" and "19TH STREET". The drawing specifies pipe diameters such as 18 inches, 24 inches, and 30 inches, along with materials like iron and concrete. Elevation points are marked throughout the system, and stationing is provided for key locations. Slope percentages are indicated for different segments of the sewer line. The plan also shows existing features including sidewalks, trees, a fire hydrant, and a proposed 5-inch private sewer extension. A north arrow is located near the center of the drawing.

Project Details:

- Project Name:** Sewer Extension from Westlawn Street to 19th Street
- Date:** 12-15-10
- Drawn by:** [Name]
- Checked by:** [Name]
- Scale:** As Shown

B.M. 13064 R.R. Spike W. side R. Pole 113' N. of N.L. 20TH ST. 135' E. of E.L. WEST ST.

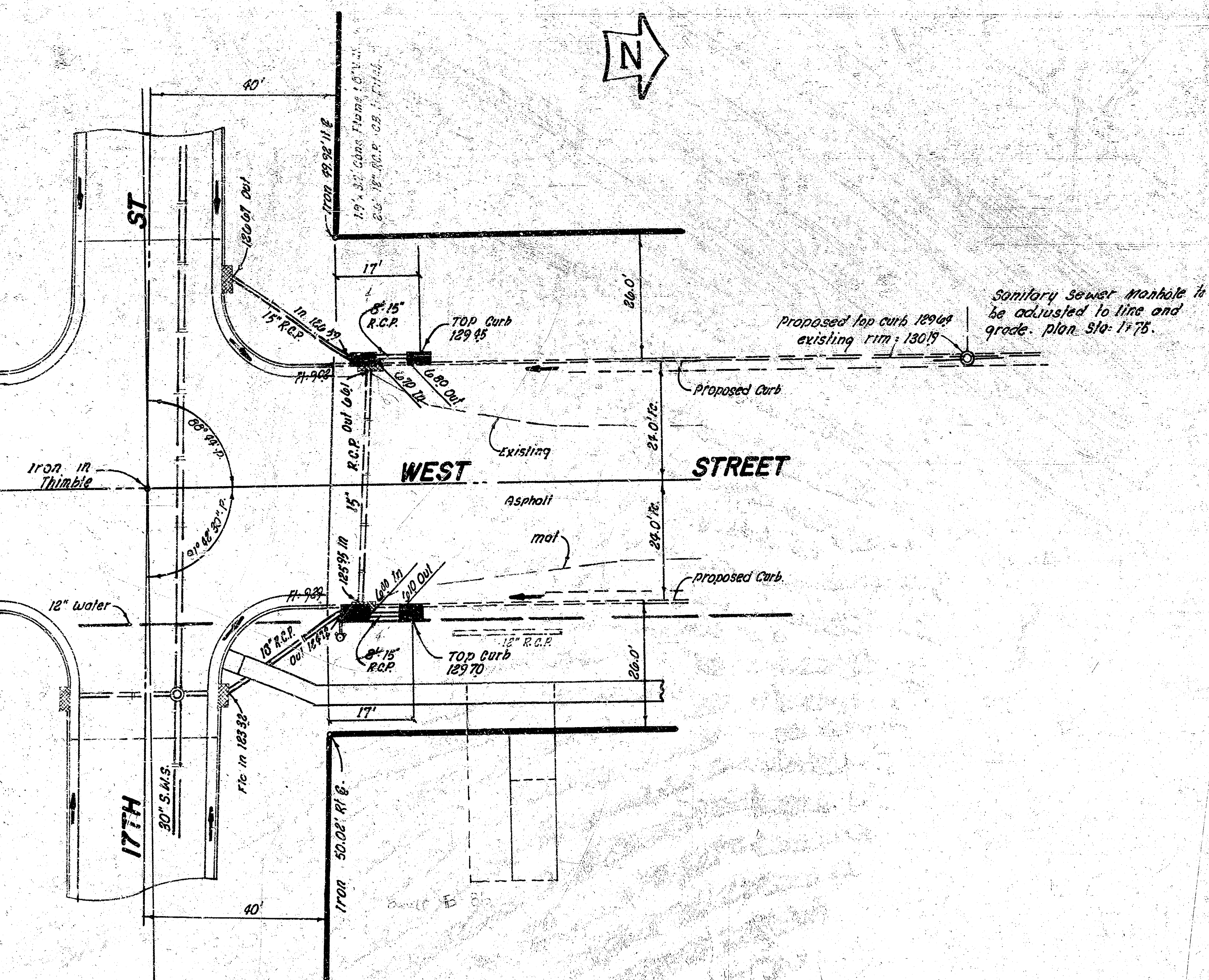


Curve Data Based on Face Curb Rad=603.37'
 $\Delta = 10^\circ 47' 36''$ 2.848 min/ft Tan = 57.00'

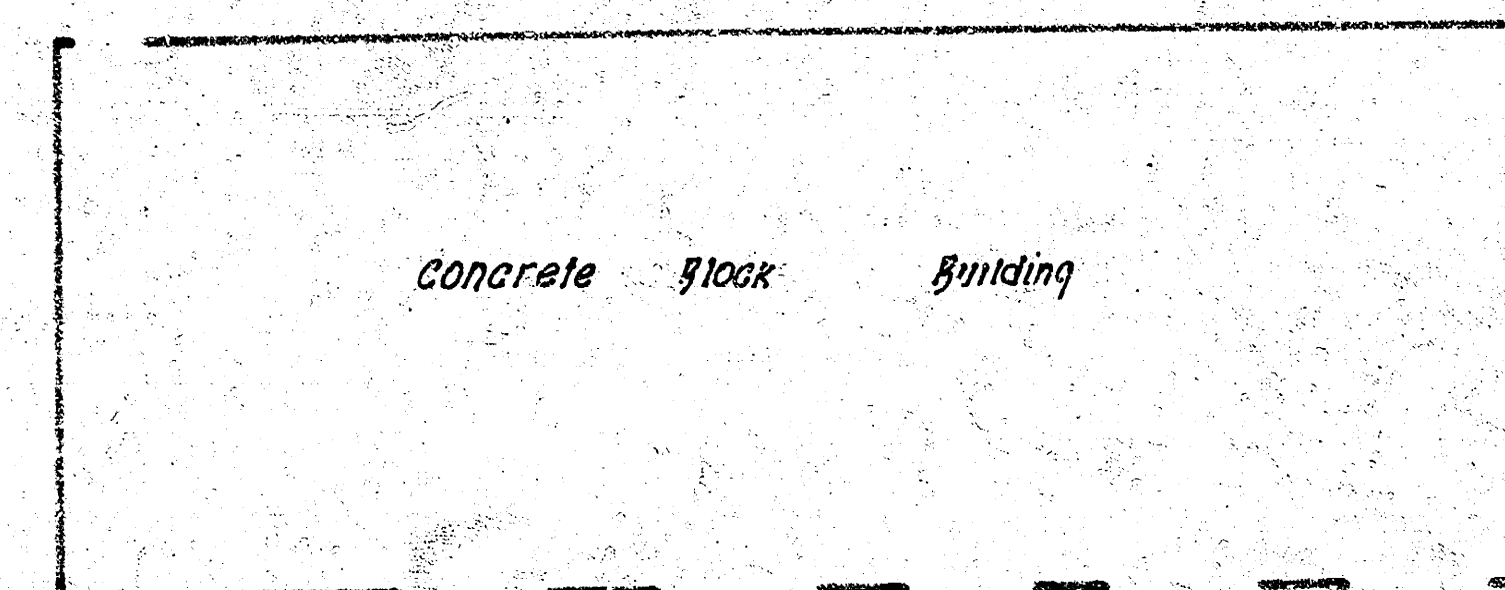
Station	Arc	4' Offset Face Curb	Def	Total Deflection
P.C. 2110				0° 00' 00"
2132.73	22.73'	22.58'	1° 04' 45"	1° 04' 45"
2154.46	22.73'		1° 04' 45"	2° 09' 30"
2178.20	22.74'		1° 04' 47"	3° 14' 17"
3100.93	22.73'		1° 04' 45"	4° 19' 02"
P.T. 3123.66	22.73'	22.58'	1° 04' 46"	5° 23' 48"

CURVE DATA BASED ON Δ RAD = 372.37'
 $\Delta = 43^\circ 22'$ 4.616 min per ft Arc Tan = 148.06'

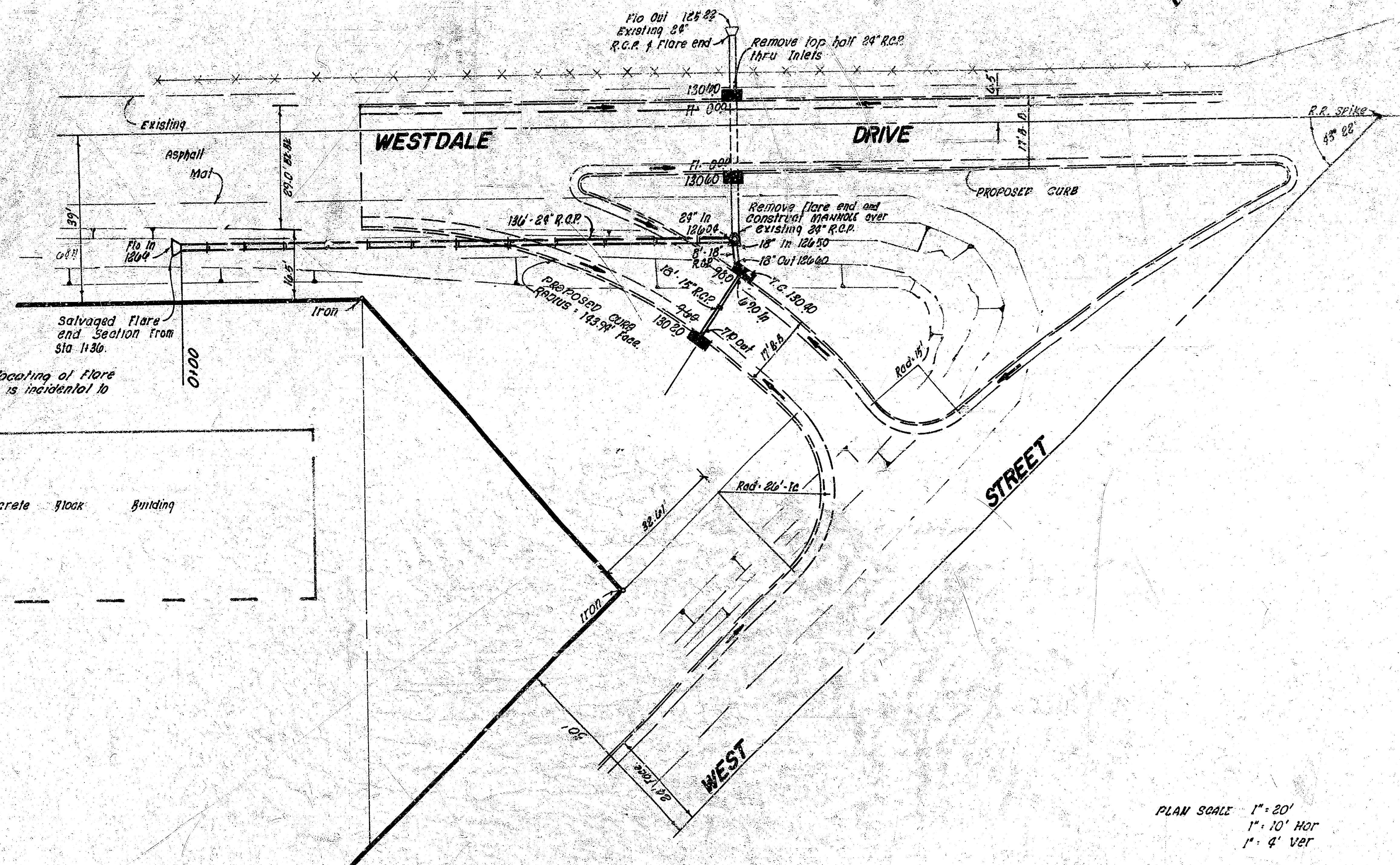
Station	Arc	Chord	Length	Deflection	Total Deflection
		8' Offset East Curb	4' Offset West Curb		
P.C. 19188.90				0° 00' 00"	0° 00' 00"
20100	11.70	10.49'	12.58'	0° 54' 00"	0° 54' 00"
20125	25.00'	22.84	26.87'	1° 55' 24"	2° 49' 24"
20150	"	"	"	"	4° 44' 48"
20175	"	"	"	"	6° 40' 12"
21100	"	"	"	"	8° 35' 36"
21125	"	"	"	"	10° 31' 00"
21150	"	"	"	"	12° 26' 24"
21175	"	"	"	"	14° 21' 48"
22100	"	"	"	"	16° 17' 12"
22125	"	"	"	1° 55' 24"	18° 12' 36"
22150	25.00'	22.84'	26.87'	1° 55' 24"	20° 08' 00"
P.T. 22170.14	20.14'	18.90'	21.65'	1° 33'	21° 41' 00"



NOTE: Relocating of Flare and section is incidental to project.



Concrete Block Building



PLAN SCALE 1" = 20'
1" = 10' Hor
1" = 4' Ver

