

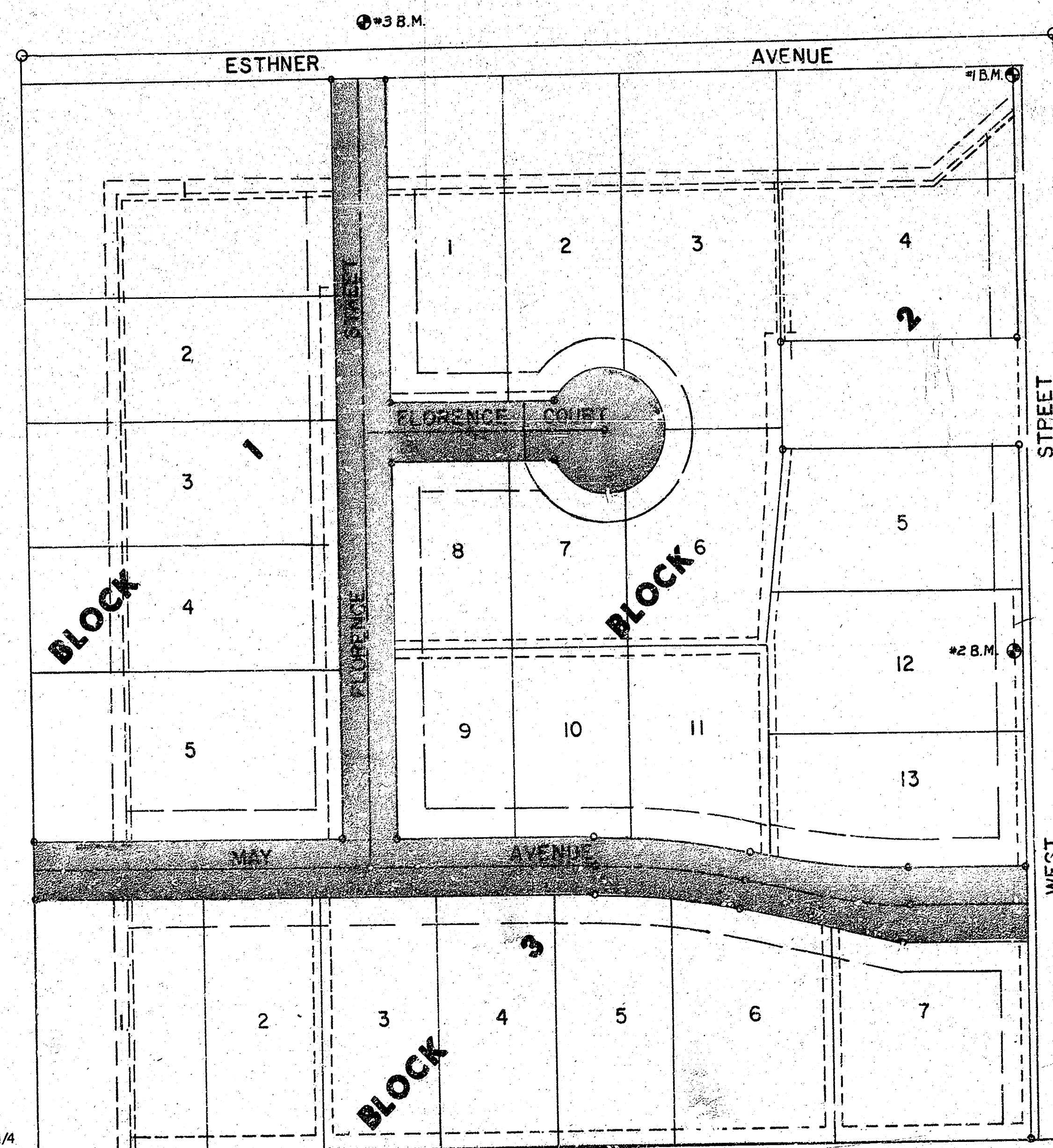
STREETS IN WESTPARK ADDITION

PROJECT NO.
472-76-245-80807-000-000-001

CITY OF WICHITA, KANSAS
DEAN SELLERS
ACTING CITY ENGINEER

FLORENCE STREET - N.L. MAY AVE. TO S.L. ESTHNER AVE.
FLORENCE COURT - E.L. FLORENCE ST. TO & INCLUDING CUL-DE-SAC
MAY AVE. - W.L. WESTPARK ADDITION TO W.L. WEST ST.

NW Corner SE 1/4
NE 1/4 Section
35-27-1W



NE Corner SE 1/4
NE 1/4 Section
35-27-1W

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PAVING DETAILS
3-5	MAY AVENUE
6-7	FLORENCE AVENUE
8	FLORENCE COURT
9-15	CROSS SECTIONS

SW Corner SE 1/4
NE 1/4 Section
35-27-1W

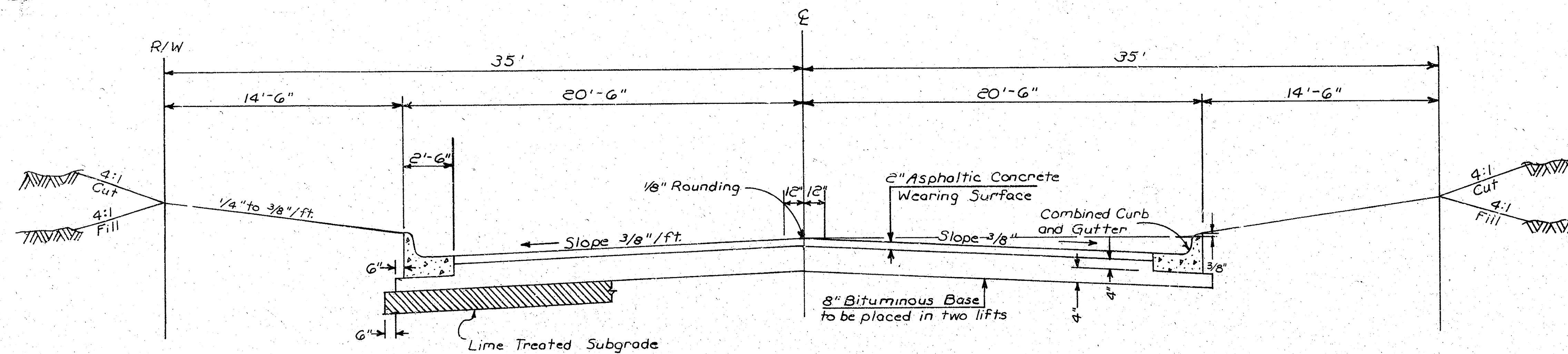
SE Corner SE 1/4
NE 1/4 Section
35-27-1W



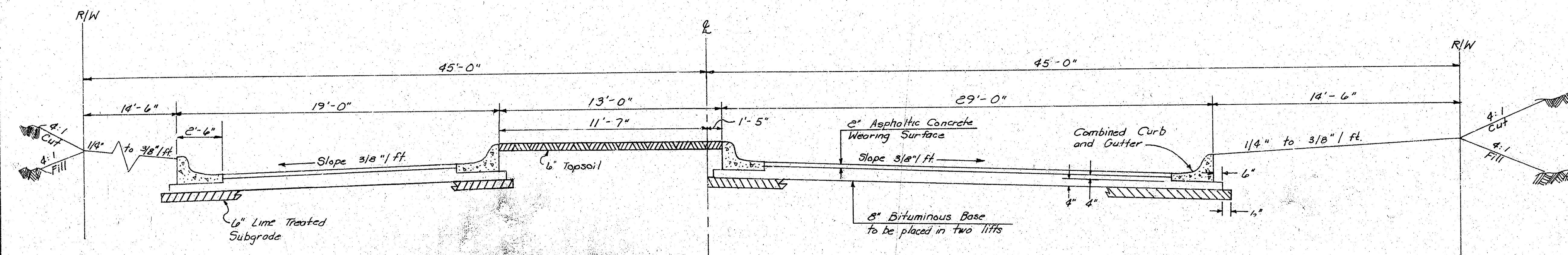
Van Doren - Hazard - Stallings

Architects • Engineers • Planners
Topeka Wichita Minneapolis

Sheet 1
of 15

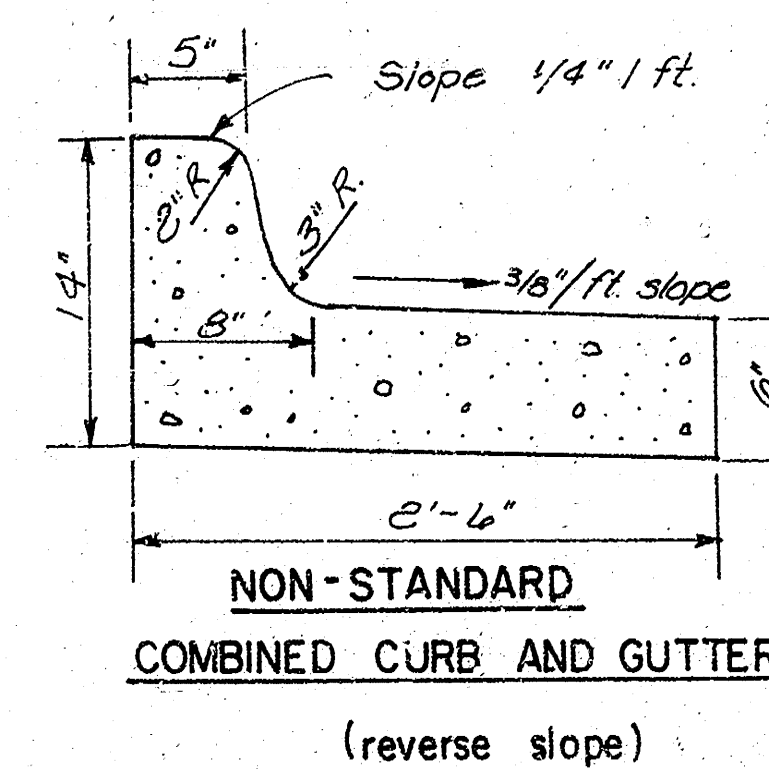
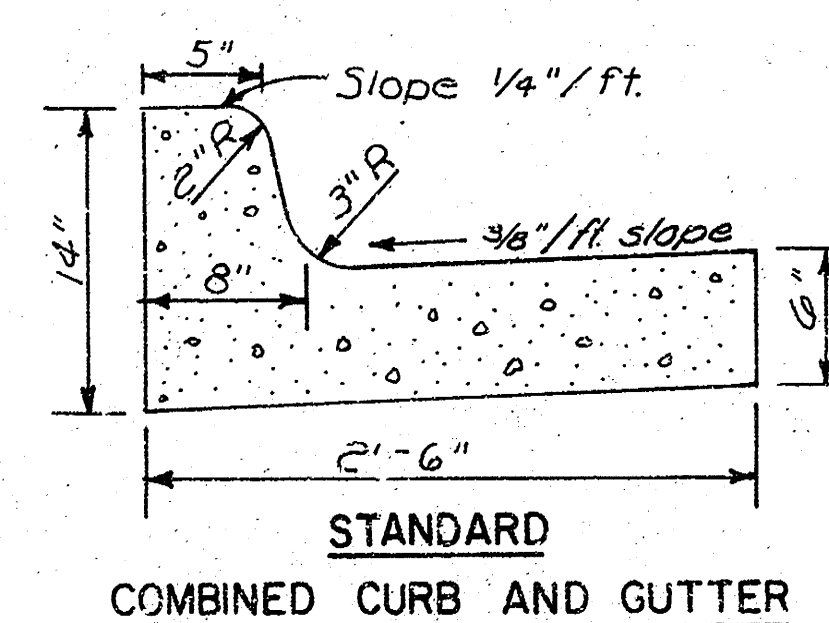


41' BACK TO BACK TYPICAL SECTION



61' BACK TO BACK TYPICAL MEDIAN SECTION

(looking east)



GENERAL NOTES

1. A Tack Coat of Emulsified Asphalt (SS - 1H) shall be applied at an approximate rate 0.05 gallons per square yard 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 foot with joints in preceding lifts and such that a joint will be constructed on the pavement centerline in the top lift.
2. The A.C. Pavement between combined curb and gutter shall be paid as square yards 10" A.C. Pavement (8" Bituminous Base). The Bituminous Base under the combined curb and gutter shall be paid as square yards 4" Bituminous Base.
3. Ground elevation at right of way line equals top of curb plus 0.3 feet.

Scale: 1" = 20' Horiz.
1" = 5' Vert.

Hedge

Remove 70 L.F. Hedge

Street Signs By Others

Sta. 0+00 May Ave.
Begin Construction

Block 1
Lot 5

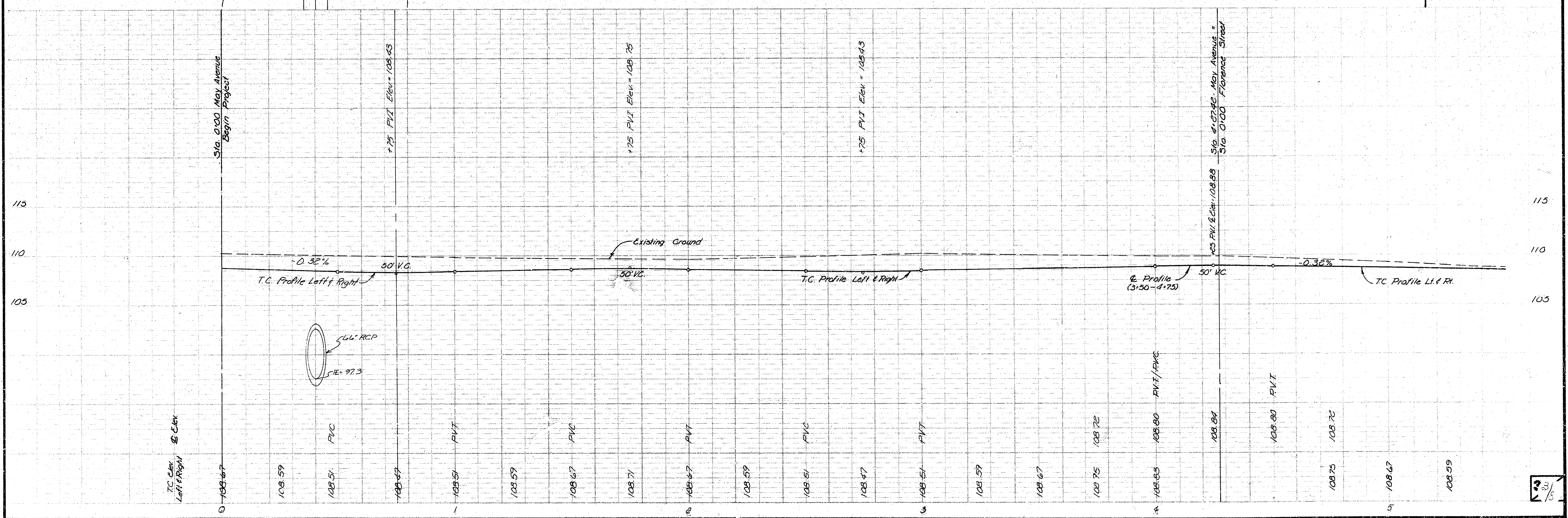
Block 2
Lot 9

FLORENCE ST.

MAY AVE.

Sta. 4+67.45 - May Ave. =
Sta. 0+00 - Florence St.

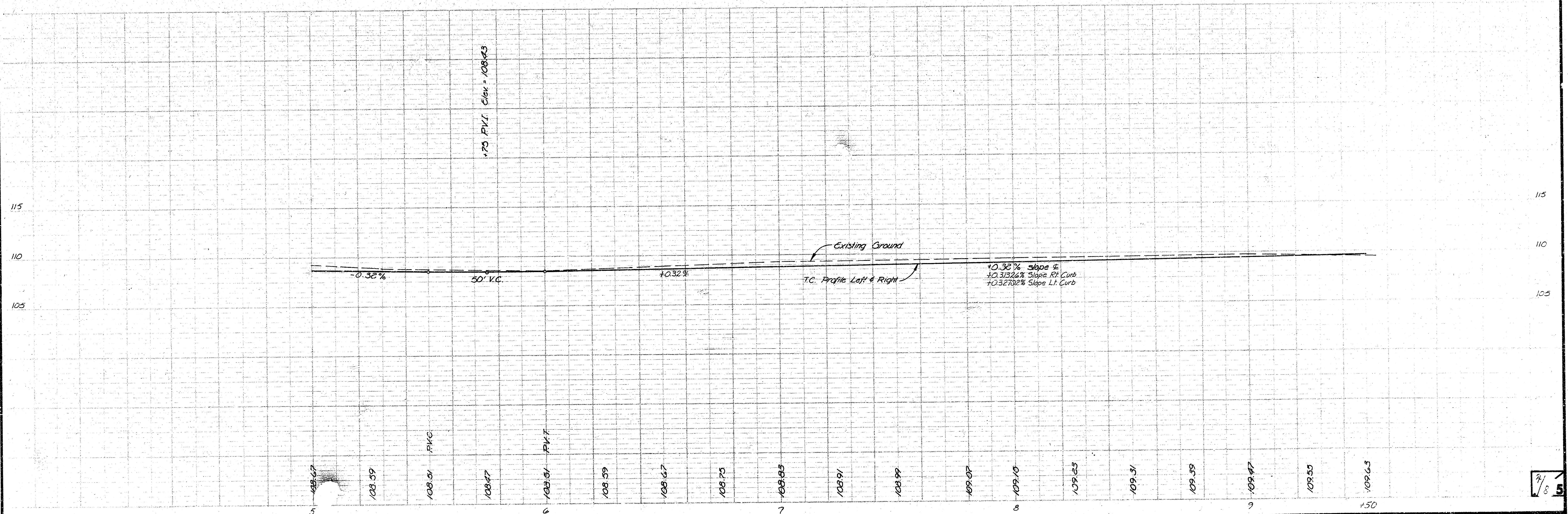
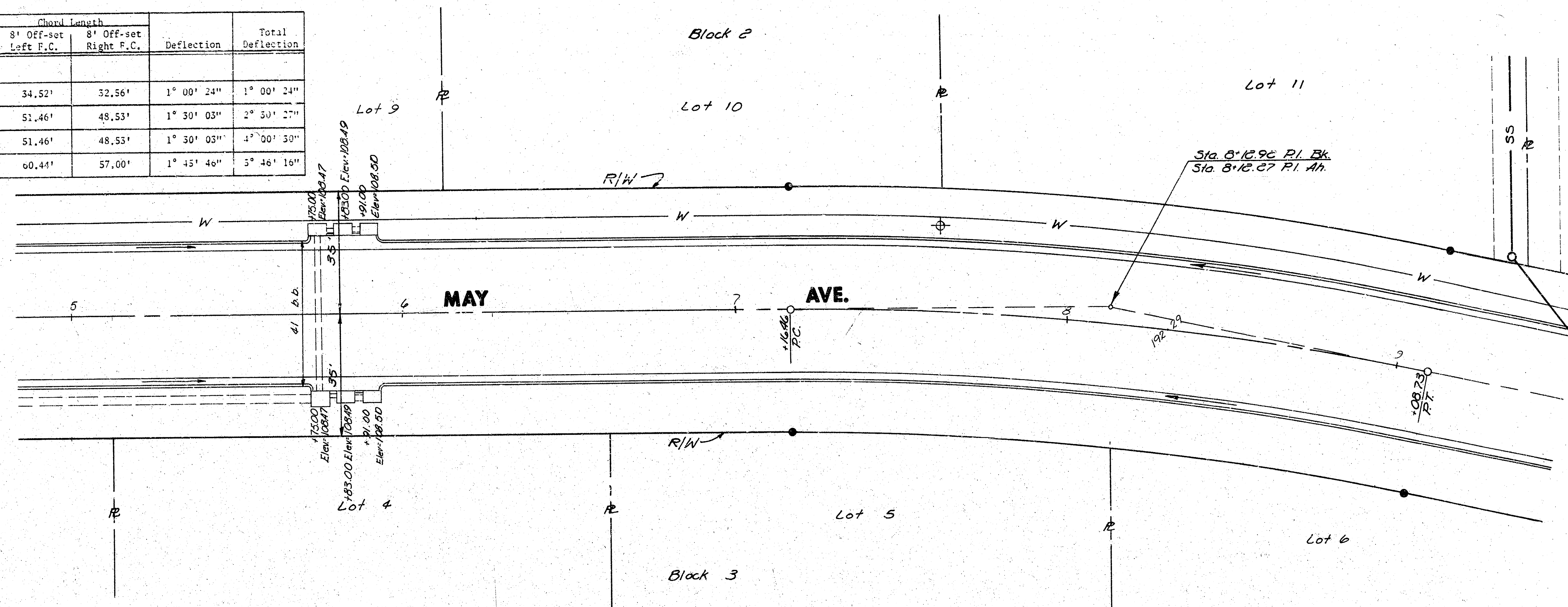
Bench Marks:
*1, Stp. Spk. on W. face of
PP on SW corner of
Esthner & West Street
(Elevation = 112.10)
*2, Stp. Spk. on N.W. face of
2nd PP heading N. from
May Ave. on W. side of
West St. (Elevation = 110.06)
*3 Stp. Spk. on S. face of
PP P.C. of E. of Florence
Street on N. R/W of
Esthner Avenue
(Elevation = 112.95)



CURVE DATA BASED ON 954.45' R. (C.L.)
 $\Delta/2 = 5^\circ 46' 16''$

C.L. Sta.	C.L. Arc	Chord Length		Deflection	Total Deflection
		8' Off-set Left F.C.	8' Off-set Right F.C.		
7 + 18.48 P.C.					
+ 50	33.54'	34.52'	32.56'	1° 00' 24"	1° 00' 24"
S + 00	50'	51.46'	48.53'	1° 30' 03"	2° 30' 27"
+ 50	50'	51.46'	48.53'	1° 30' 03"	4° 00' 30"
9 + 03.73 P.T.	58.73'	60.44'	57.00'	1° 45' 46"	5° 46' 16"

Scale: 1" = 20' Horiz.
 1" = 5' Vert.

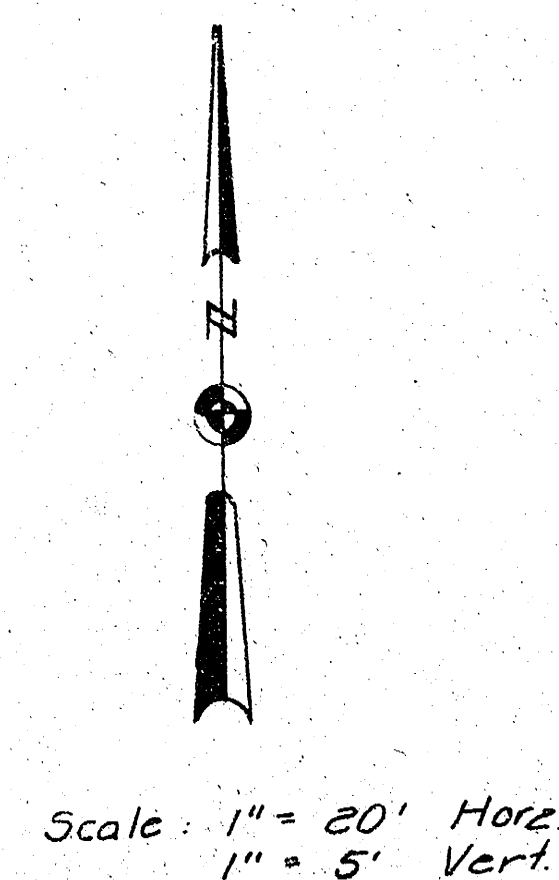


CURVE DATA BASED ON 539.94' R. (C.L.)
 $\Delta/2 = 5^\circ 46' 16''$

C.L. Sta.	C.L. Arc.	C.L. Chord	Deflection	Total Deflection
10 + 07.68 P.C.				
10 + 50	42.32'	42.31'	2° 14' 43"	2° 14' 43"
11 + 0	50'	49.98'	2° 39' 10"	4° 53' 53"
11 + 16.45 P.T.	16.45'	16.45'	0° 53' 23"	5° 46' 16"

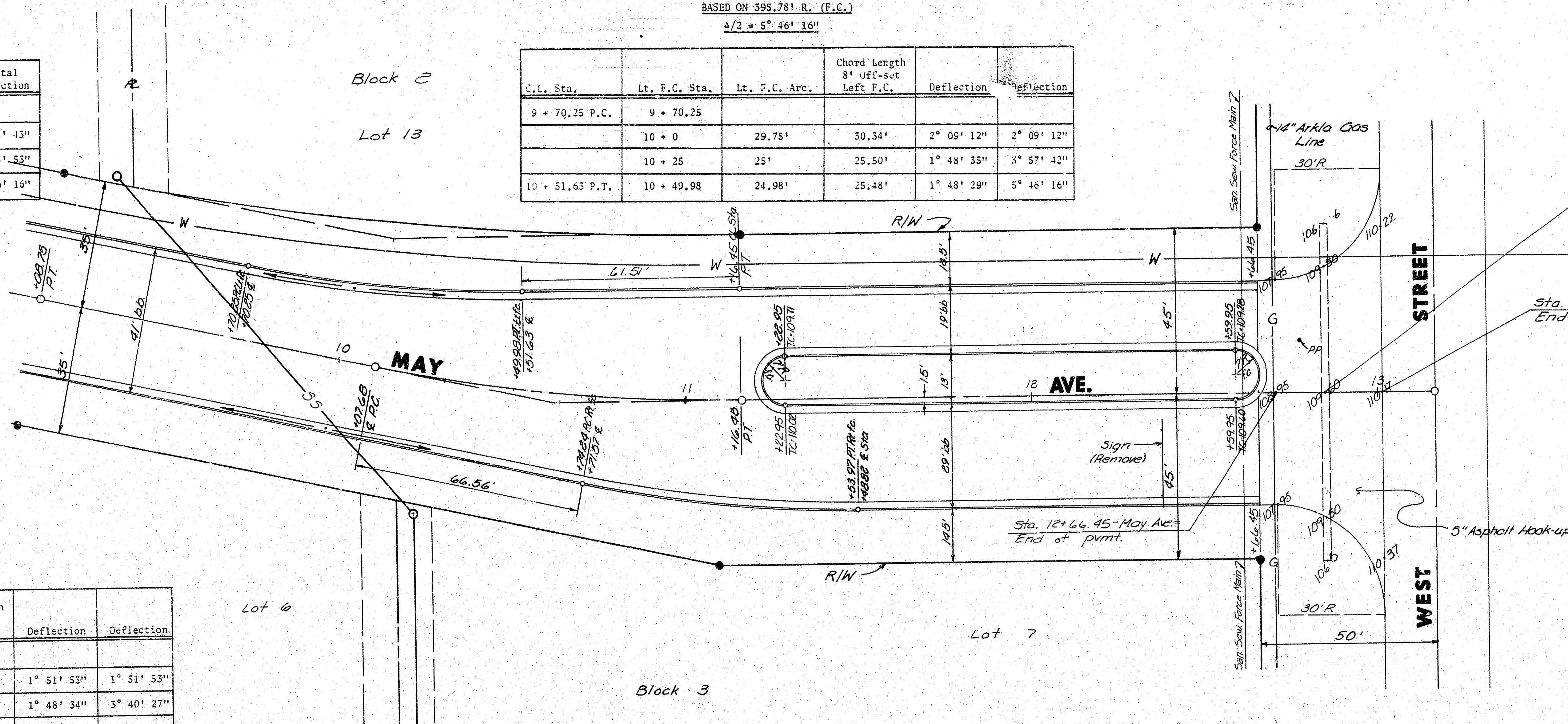
LEFT F.C. CURVE DATA
 BASED ON 395.78' R. (F.C.)
 $\Delta/2 = 5^\circ 46' 16''$

C.L. Sta.	Lt. F.C. Sta.	Lt. F.C. Arc.	Chord Length 8' Off-set Left F.C.	Deflection	Deflection
9 + 70.25 P.C.	9 + 70.25				
	10 + 0	29.75'	30.34'	2° 09' 12"	2° 09' 12"
	10 + 25	25'	25.50'	1° 48' 55"	3° 57' 42"
10 + 51.63 P.T.	10 + 49.98	24.98'	25.48'	1° 48' 29"	5° 46' 16"



RIGHT F.C. CURVE DATA
 BASED ON 395.87' R. (F.C.)
 $\Delta/2 = 5^\circ 46' 16''$

C.L. Sta.	Rt. F.C. Sta.	Rt. F.C. Arc.	Chord Length 8' Off-set Right F.C.	Deflection	Deflection
10 + 71.57 P.C.	10 + 74.24				
	11 + 0	25.76'	26.28'	1° 51' 53"	1° 51' 53"
	11 + 25	25'	25.50'	1° 48' 34"	3° 40' 27"
11 + 48.85 P.T.	11 + 57.97	28.97'	29.55'	2° 05' 49"	5° 46' 16"



Sta. 12+86.00 - 46' Lt. to 46' Rt.
 Install 92 L.F. 18" x 29" CMPA

Sta. 13+1.45 - May Ave. =
 End of Construction

Note
 Contractor shall be
 responsible for contacting
 Power Company to coordinate
 removal and/or relocation
 of power poles.

