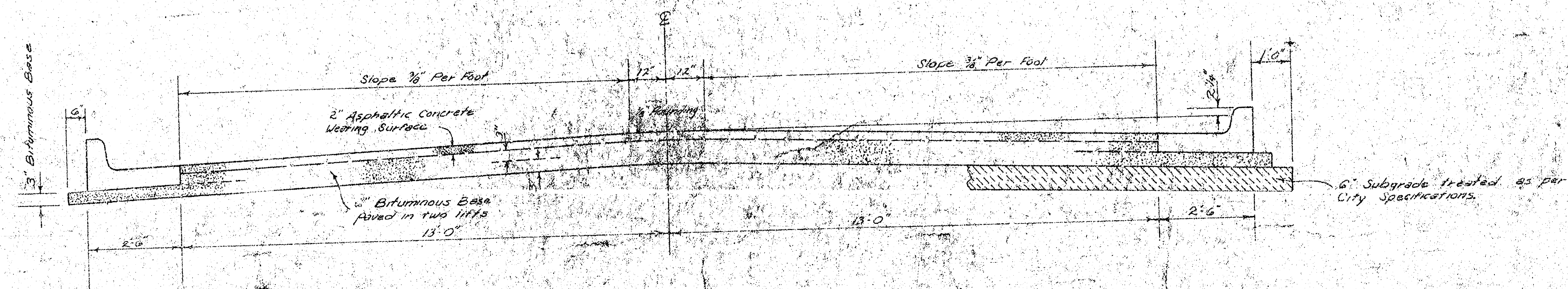


FRIAR LN. & GARLAND
 E. L. Lot 1, Blk. 3, Sherwood Glen 4th Add'n. -
 N. L. 37th St. No.
GARLAND
 N. L. Friar Ln. - N. L. Sherwood Glen 4th. Add'n.
SOMERSET
 N. L. 37th St. No. - S. L. Friar Ln.
 472-76-245-80418-000-000-001

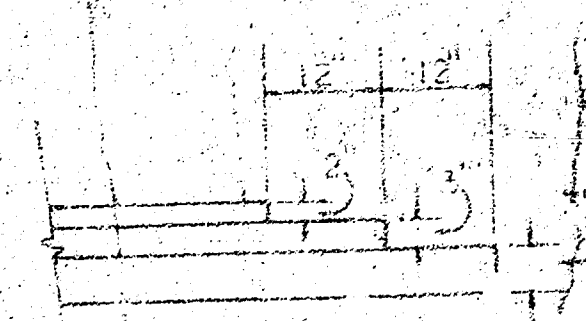


TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-IH) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBORDINARY 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' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

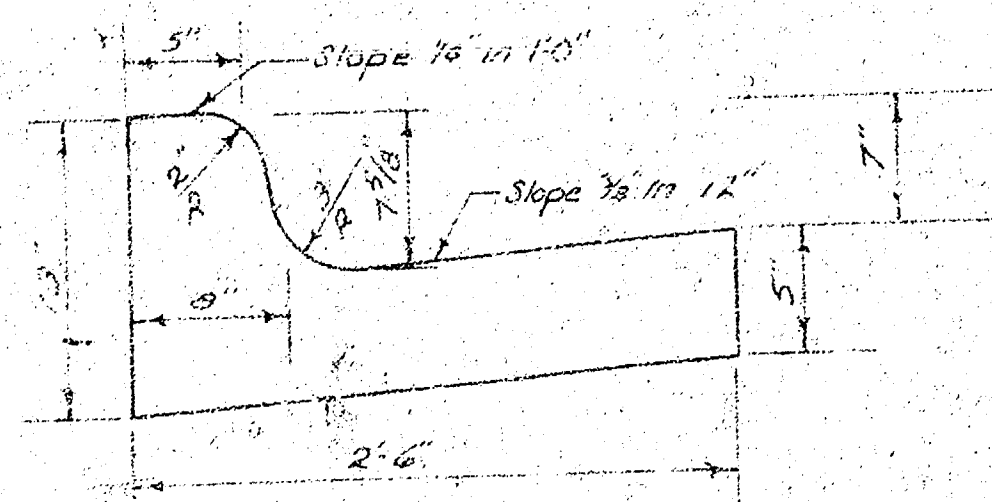
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



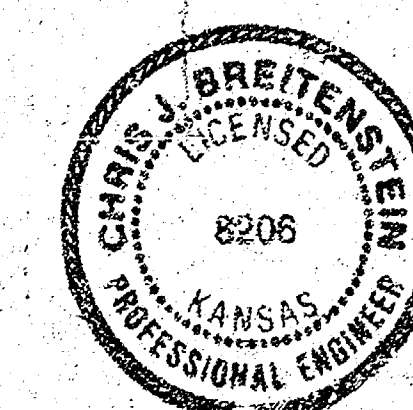
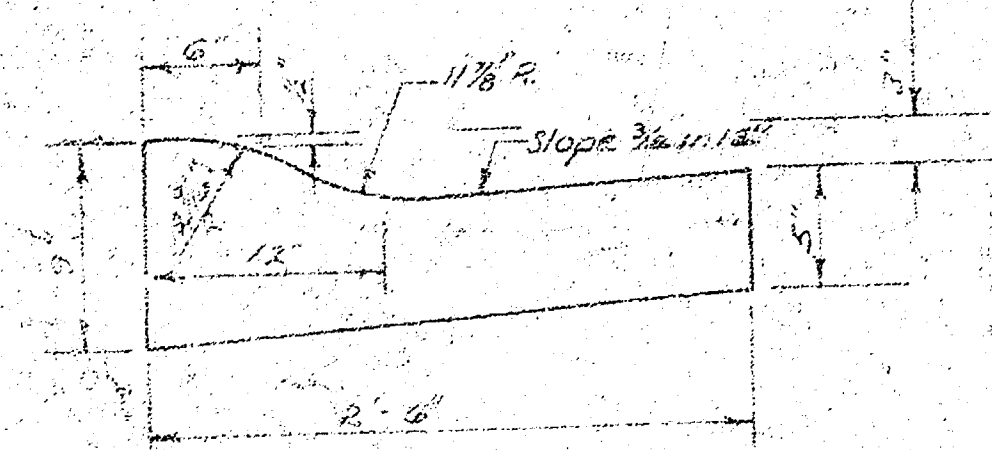
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as 31 Yds. 6" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as 31 Yds. 3" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

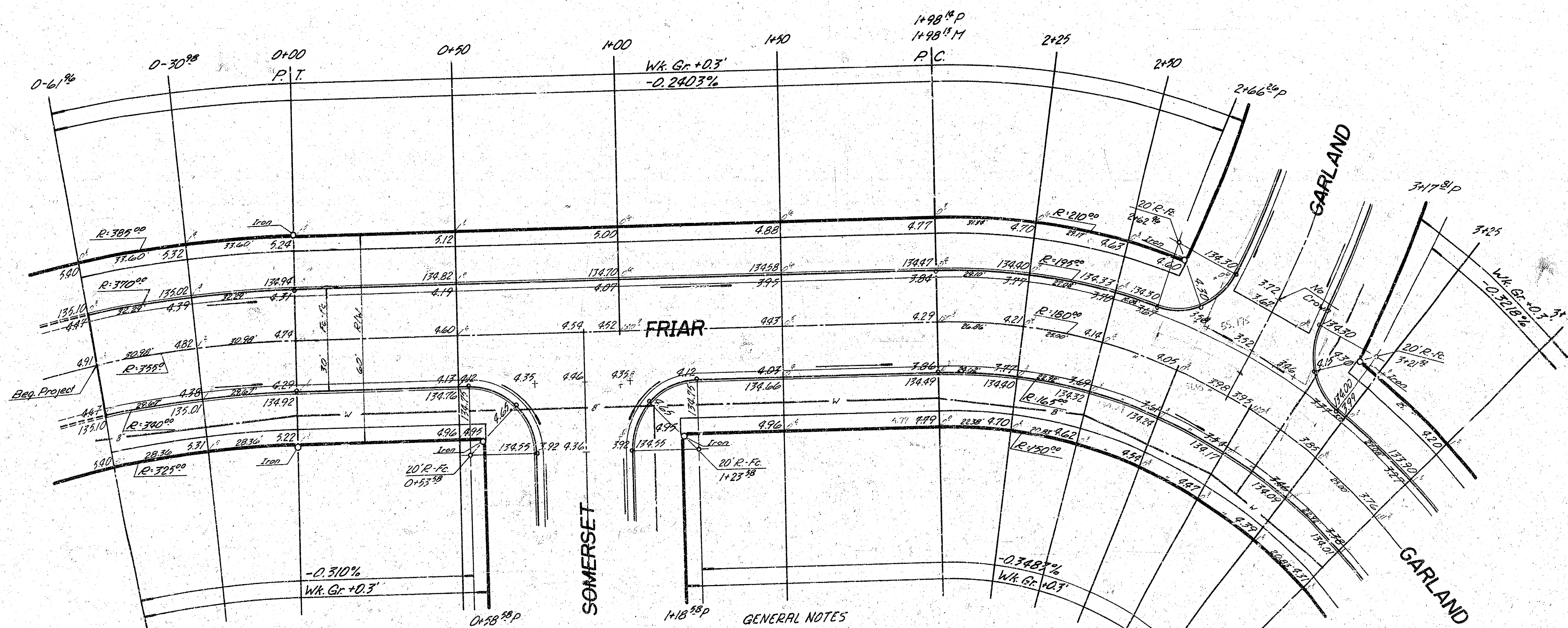
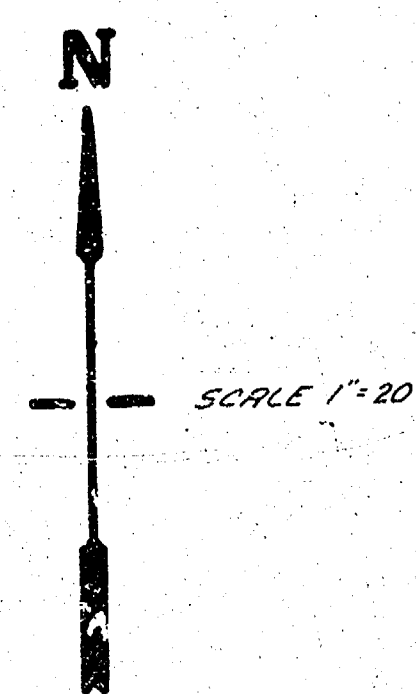
R. W. LINN CITY ENGINEER

DATE: PROJ. NO.

FILMED FROM THE BEST
 AVAILABLE COPY.....

Survey, Layout, Bk. Dec 51
Plan
Scale

B.M. 17301 'D' E. End Return N.E. Corner
Friar & Woodrow
E is E. Friar & Garland



CURVE DATA BASED ON $\Delta = 90^\circ$ RAD. $\Delta = 90^\circ$

STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+00	30.98	32.98	28.96	2° 30' 00"
0+30.98	30.98	32.98	28.96	2° 30' 00"
0+61.96	30.98	32.98	28.96	2° 30' 00"

Def'n = 9.5492284886 Min/171

- GENERAL NOTES
1. Paving Contractor to Coordinate Construction with Drainage & Sanitary Sewer Contractors.
 2. Earthwork Quantities are for Bidding Only. Earthwork Pay Quantities are to be Co-ordinated at Time of Final Estimate.
 3. Field Engineer to take Cross-Sections Before Beginning Construction.
 4. Contractor to Contact Utility Companies for Location of Underground Lines.
 5. Flared End Sections to be Paid as L.F. Pipe.
 6. No more than 20' Drives or the Equivalent may be Constructed on this Project.
 7. Field Engineer to Return Cross-Section Book to Office 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.

$\Delta = 90^\circ$ R = 180.00' T = 180.00' L = 283.27' LC = 254.95'

CURVE DATA BASED ON $\Delta = 90^\circ$ RAD. $\Delta = 90^\circ$

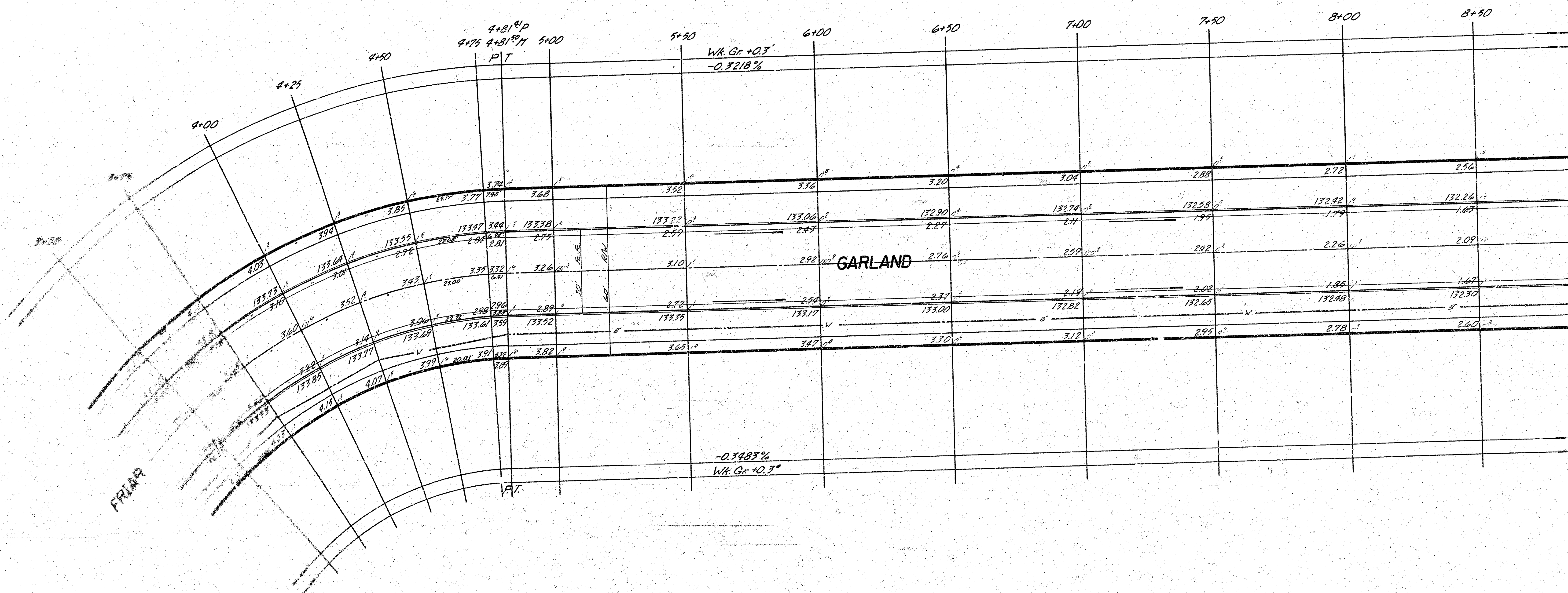
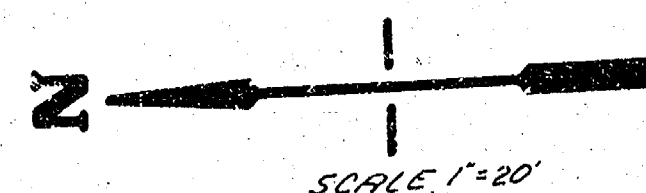
STA.	ARC.	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
1+88.11	-	-	-	0° 00' 00"
2+25	26.86	30.26	23.41	6° 16' 30"
2+40	25.00	28.17	21.79	5° 58' 48"
2+65	12.76	14.61	11.30	2° 58' 45"
2+75	12.04	13.98	10.90	1° 54' 58"
3+00	25.00	28.17	21.79	5° 58' 45"
3+25	21.92	24.26	18.96	5° 25' 31"
3+25	3.68	3.92	3.04	0° 35' 15"
3+30	25.00	28.17	21.79	5° 58' 45"
3+75	-	-	-	28° 28' 55"
4+00	-	-	-	32° 01' 31"
4+25	-	-	-	36° 06' 21"
4+50	-	-	-	40° 25' 05"
4+75	25.00	28.17	21.79	5° 58' 45"
4+81.61	6.41	7.23	5.59	1° 01' 11"

Def'n = 9.5492284886 Min/171

FRIAR & GARLAND
E.L. Lot 1, Blk. 3, Sherwood Glen 4th Add'n.
N.L. 37th St. No.

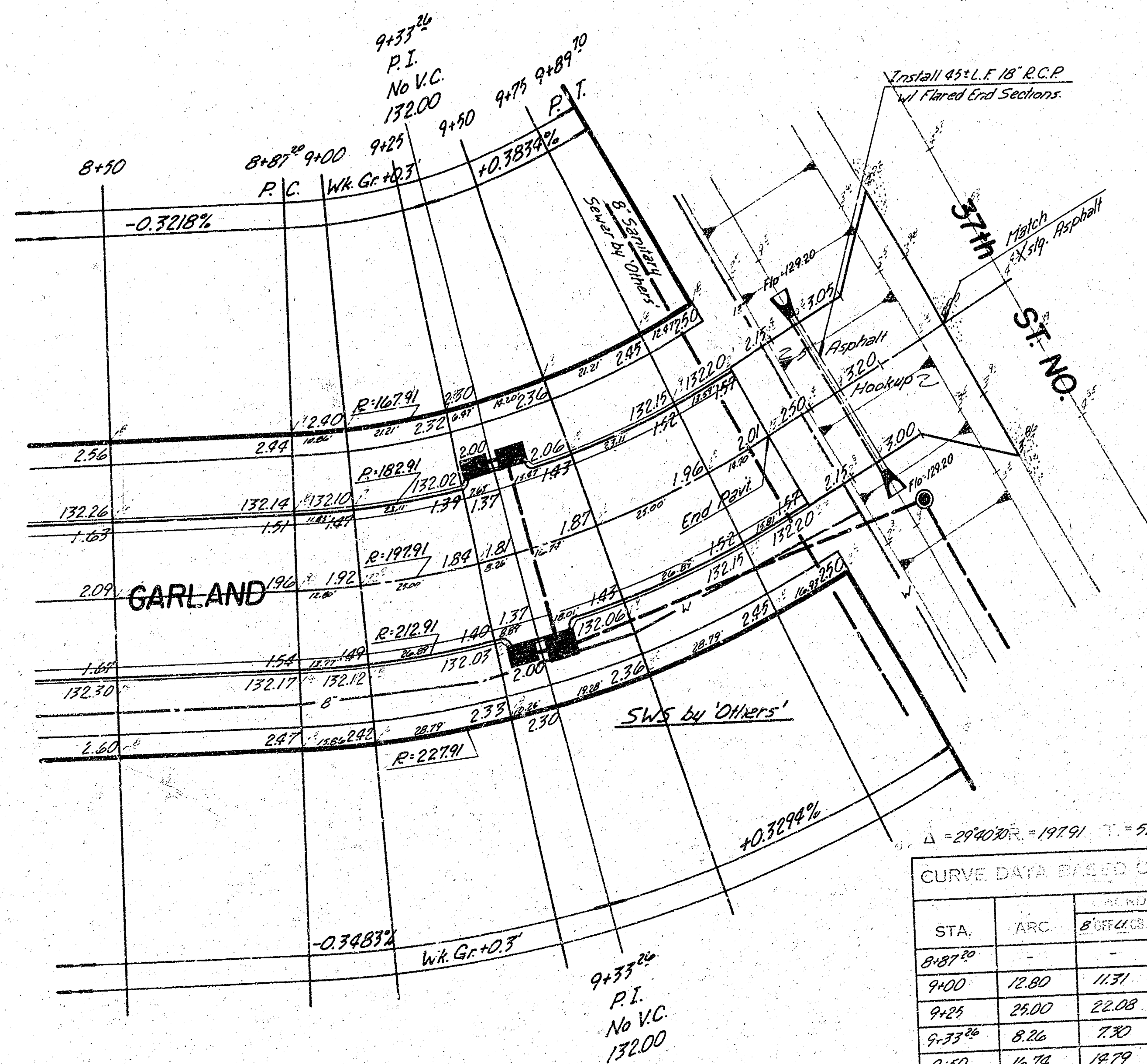
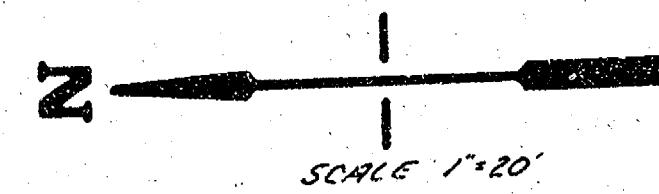
FILMED FROM THE BEST
AVAILABLE COPY

B.M. 172.32 R.R. Spike N Side Power Pole
 91' W. & 37' S. of E. Garland & 37th St. No.
 E is E. Garland



FRIAR & GARLAND
 E.L. Lot 1, Blk 3, Sherwood Glen 4th Add'n.
 N.L. 37th St. No.

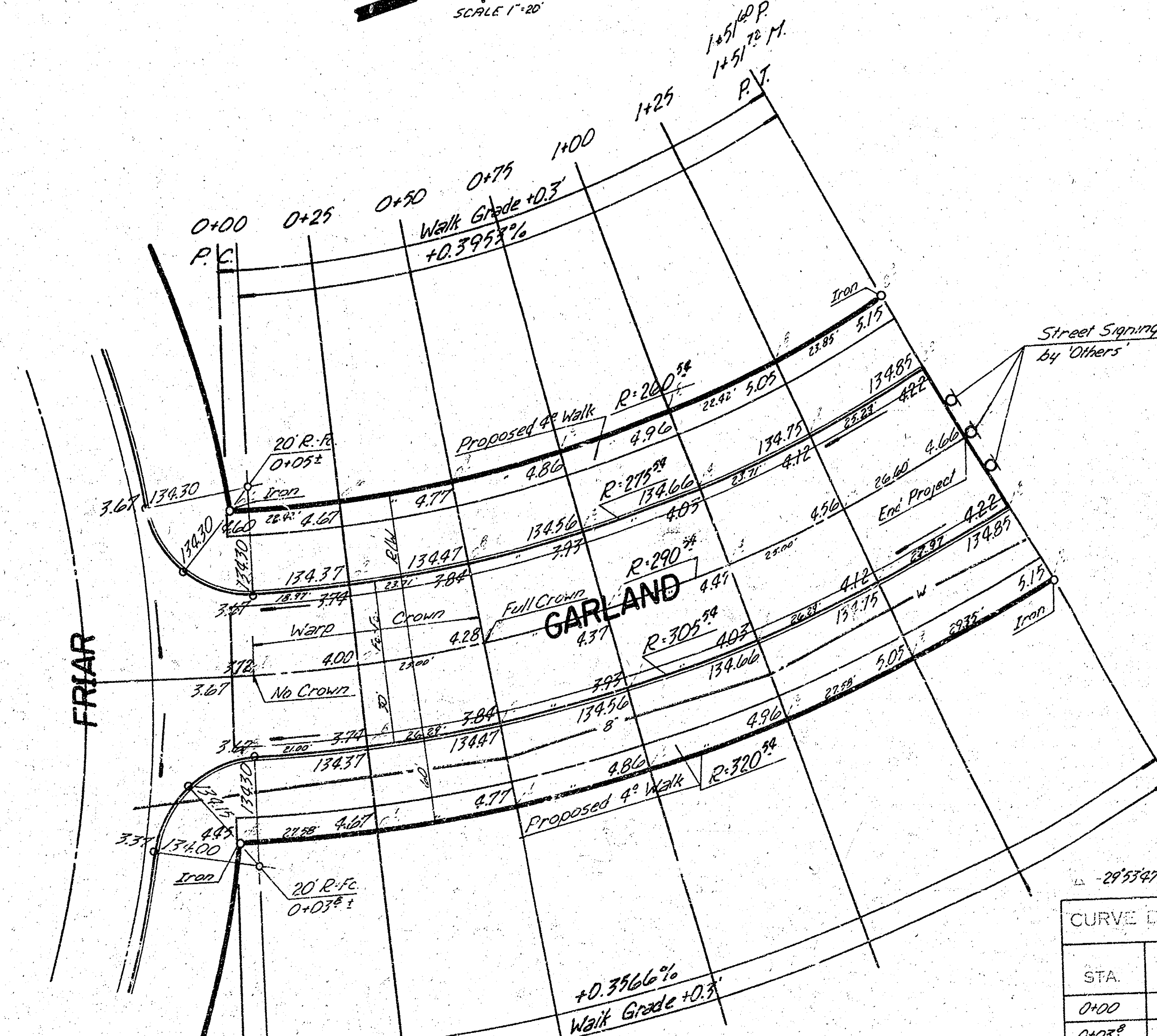
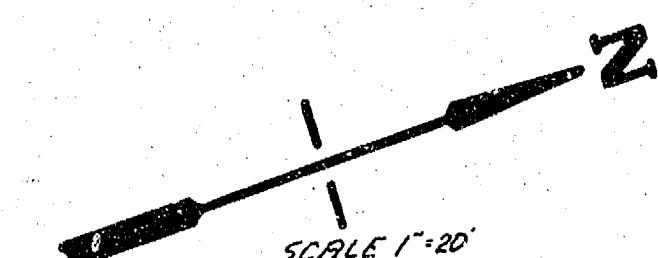
B.M. 132.30 R.R. Spike N. Side Power Pole
91' W. & 37' S. of E. Garland & 37th St. No.
E. is E. Garland



$\Delta = 29^\circ 40' 20'' = 197.91$ $T = 52.43$ $L = 102.80$ $LC = 101.36$

STA.	ARC	8' OFFSET	8' OFFSET	DEFLECTION	TOTAL DEFLECTION
8+87.20	-	-	-	-	0°00'00"
9+00	12.80	11.31	14.29	1°51'10"	1°51'10"
9+29	26.00	22.08	27.89	3°37'08"	5°28'18"
9+33.24	8.26	7.30	9.22	1°11'48"	6°40'02"
9+50	16.74	14.79	18.68	2°25'28"	9°05'30"
9+75	25.00	22.08	27.89	3°37'08"	12°42'38"
9+89.70	14.76	12.99	16.90	2°07'41"	14°50'15"

20' P.C. 0+00.00 10' P.T. 101.36



$\Delta = 29^\circ 55' 20'' = 200.54$ $T = 57.57$ $L = 116.60$ $LC = 149.89$

STA.	ARC	8' OFFSET	8' OFFSET	DEFLECTION	TOTAL DEFLECTION
0+00	-	-	-	-	0°00'00"
0+03.8	3.8	3.40	4.10	0°22'29"	0°22'29"
0+08	1.2	1.11	1.29	0°07'06"	0°29'35"
0+25	22.00	18.61	21.98	1°45'19"	2°04'54"
0+50	25.00	21.01	26.97	2°27'54"	4°32'48"
0+75	-	-	-	2°27'54"	7°00'42"
1+00	-	-	-	2°27'54"	9°28'36"
1+25	25.00	23.01	26.97	2°27'54"	11°56'30"
1+50	26.60	24.49	28.70	2°37'26"	14°33'56"

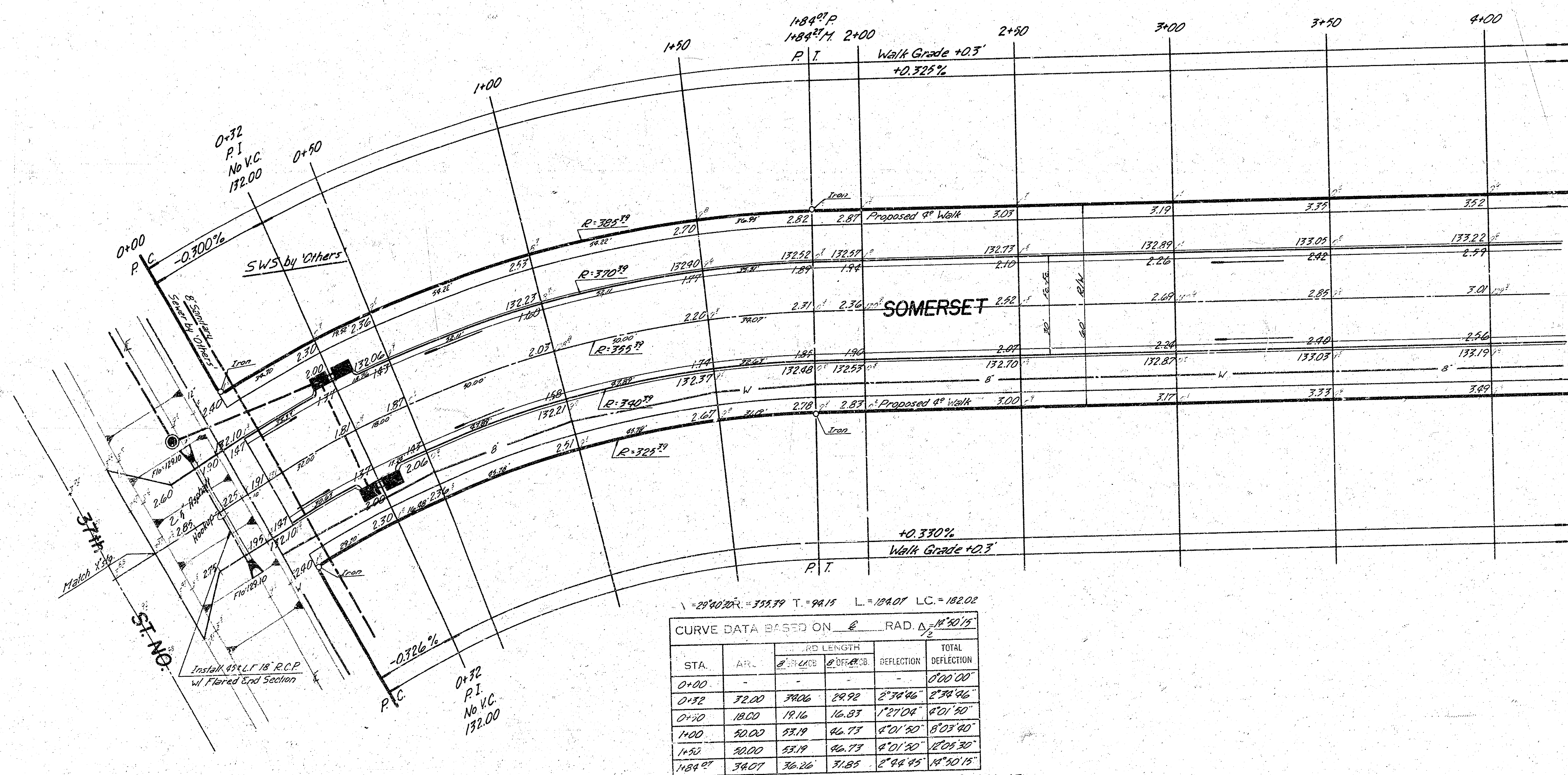
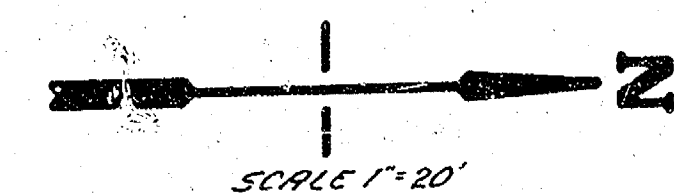
20' P.C. 0+00.00 10' P.T. 101.36

FRIAR & GARLAND
N.L. Lot 1, Blk. 3, Sherwood Glen 4th Add'n.
N.L. 37th St. No.

GARLAND
N.L. Friar-N.L. Sherwood
Glen 4th Addition

FILMED FROM THE BEST
AVAILABLE COPY

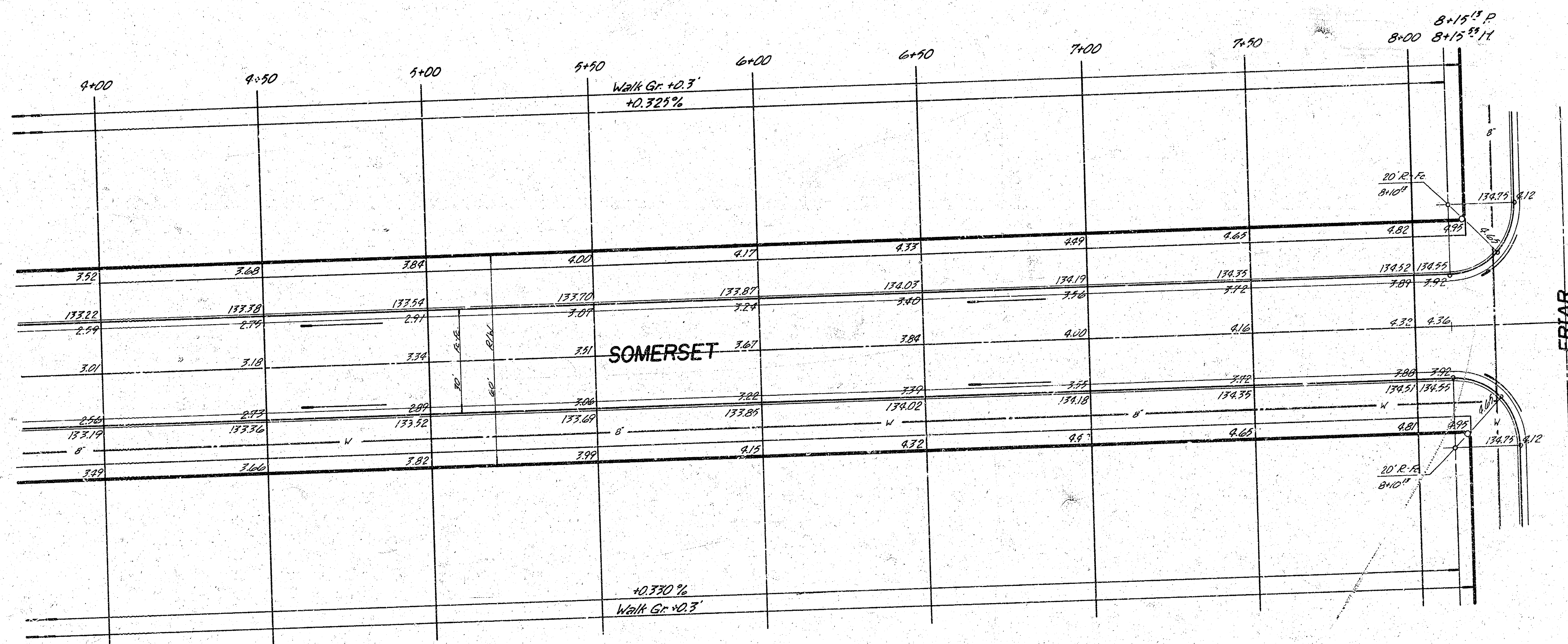
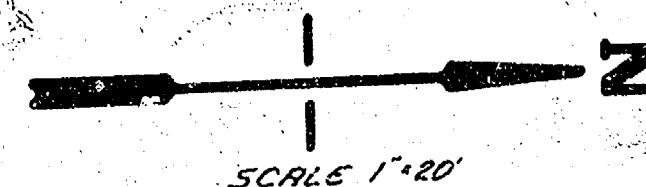
B.M. 132.30 R.R. Spike N.S. Power Pole 91' W. &
 37' S. of E. Garland & 37th St. No.
 R is E Somerset



SOMERSET
 N.L. 37th St. No. S.L. FRIDAR

FILMED FROM THE BEST
 AVAILABLE COPY

B.M. 132.30 R.R. Spike N.S. Power Pole 91' W. &
 371' S. of E. Garland & 377th St No
 15 is E Somerset



SOMERSET
 N.L. 377th St No. - S.L. Friar

6/6

FILMED FROM THE BEST
 AVAILABLE COPY.....