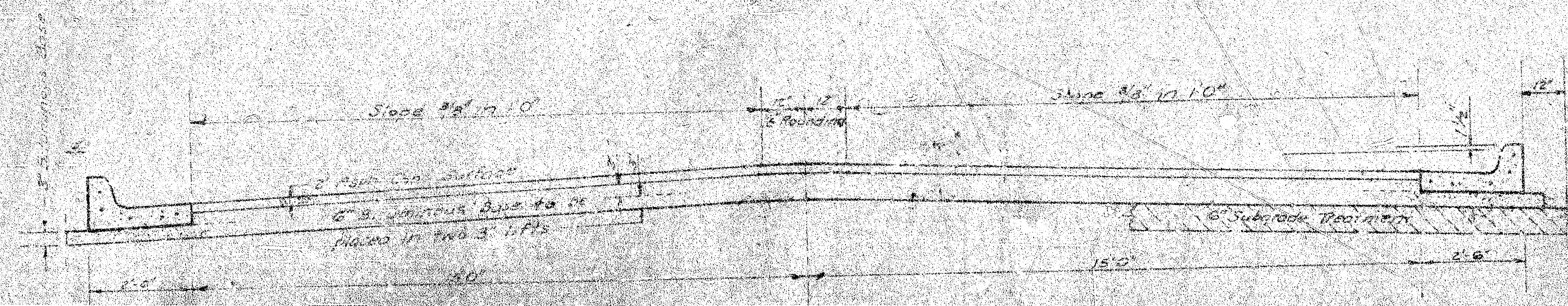


WESTGATE
 N. L. 13th to the E. L. Lark
 Proj. No. DAKS577029



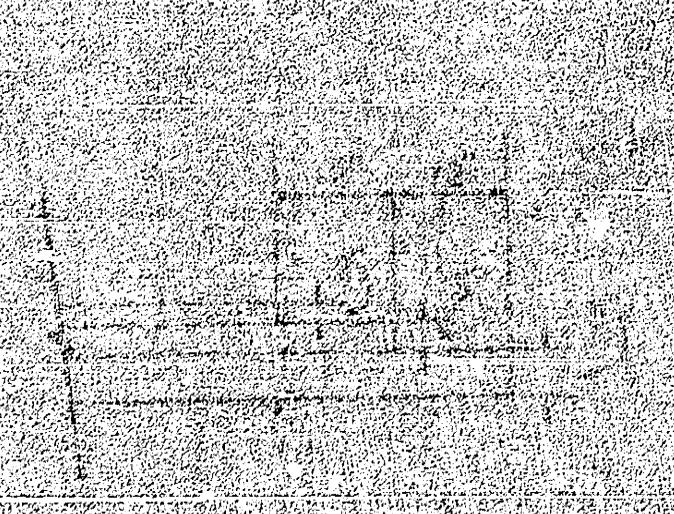
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (1/2% BY WEIGHT) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALT. 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 CEMENT 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 PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

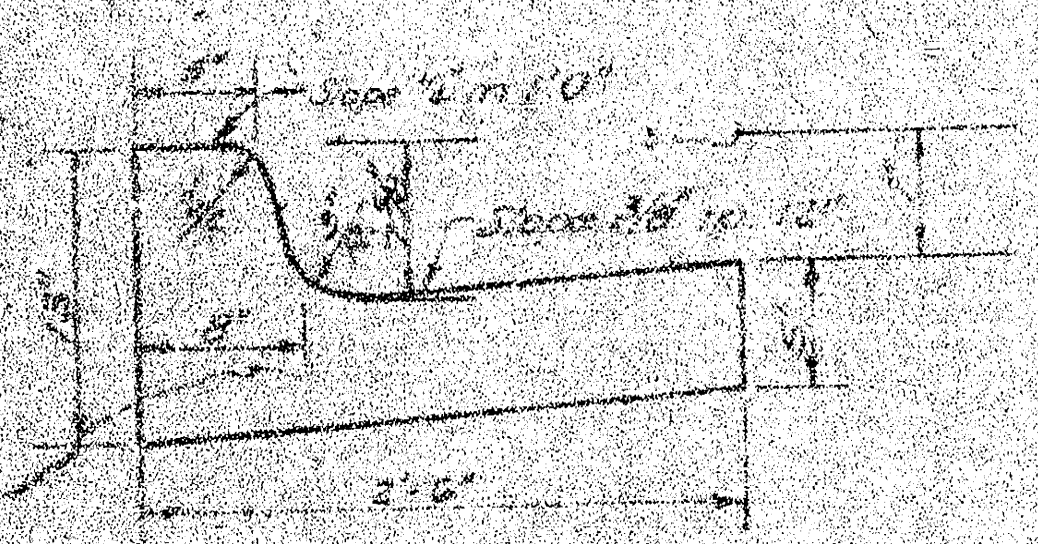
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



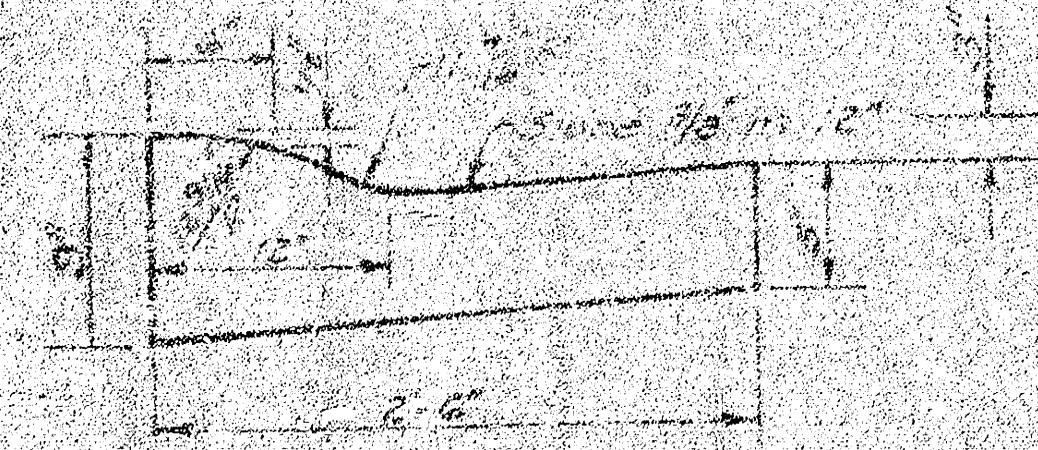
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The A.C. Pavement between the curb & gutter shall be paid as Square Yards of Bituminous Base.
 The Bituminous Base under the curb & gutter shall be paid as Square Yards of Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



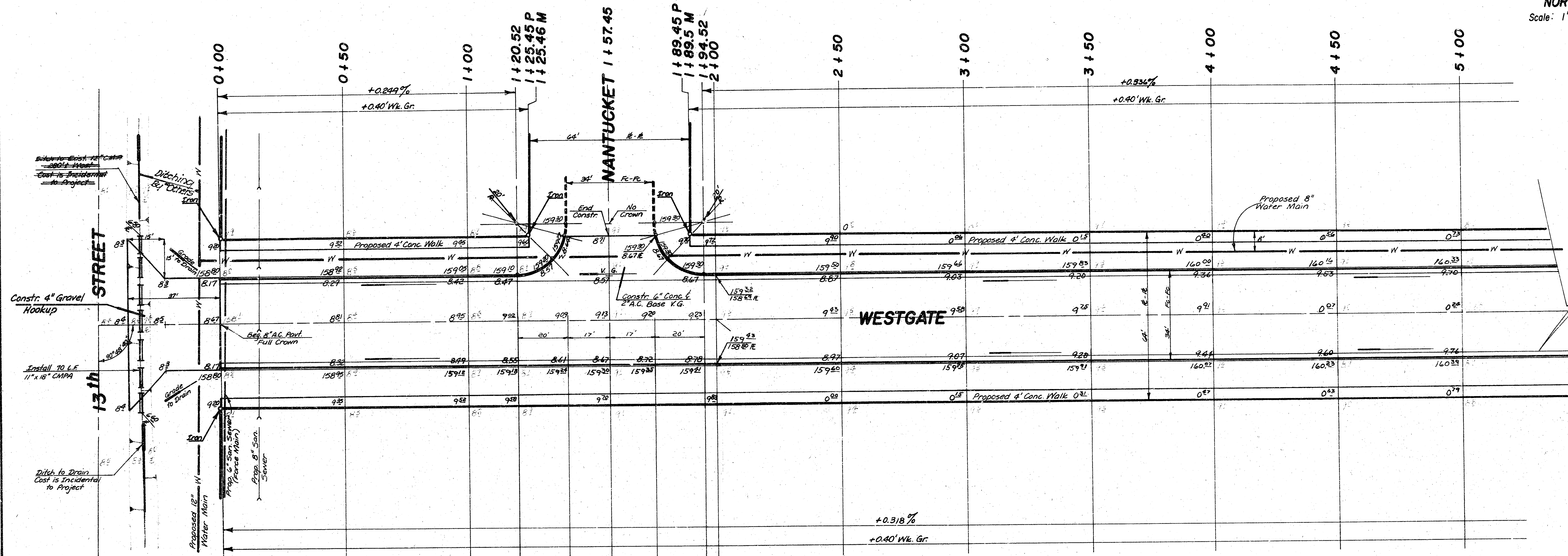
CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering
 Division _____
 R. W. LIND _____ CITY ENGINEER
 DATE _____ Proj. No. DAKS577029

1/7

B.M. = 158.85 R.R. Spike N. Fc. PP. N.W. Cor. Westgate & 13th St.
Baseline is 1/2 Westgate

NORTH
Scale: 1" = 20'



Survey J.L.A. Bl. 2
Plus L.D.H.
Exc L.D.H.
Checked

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 paving and clear right-of-way for proposed sidewalks. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

General Notes:

1. ~~Excavation for water sewer shall be included in the project.~~
2. Paving Contractor is to Co-Ordinate Construction with Sanitary & Storm Water Sewer Contractors.
3. No More than 7-20 ft. Driveways, or the Equivalent, are to be Included in this Project.

Borrow material shall be obtained from excess material from other projects in the area.

EARTHWORK

	Property	City
Excavation	342.5 C.Y.	97.0 C.Y.
+10%	37.7 C.Y.	9.7 C.Y.
Total	376.3 C.Y.	106.7 C.Y.
Compacted Fill	1413.6 C.Y.	16.4 C.Y.
+10%	155.0 C.Y.	1.6 C.Y.
Total	1568.6 C.Y.	18.0 C.Y.
Manipulation	5426.4 sy	390.8 sy

WESTGATE
N.L. 13th St. to the E.L. Lark
(34' Fc-Fc Asph. Pavt. w/ Comb. Cb. & Gtr.)
CITY OF WICHITA, KANSAS
R.W. Linn—City Engineer
Proj. No. DAKS577029
Date: _____

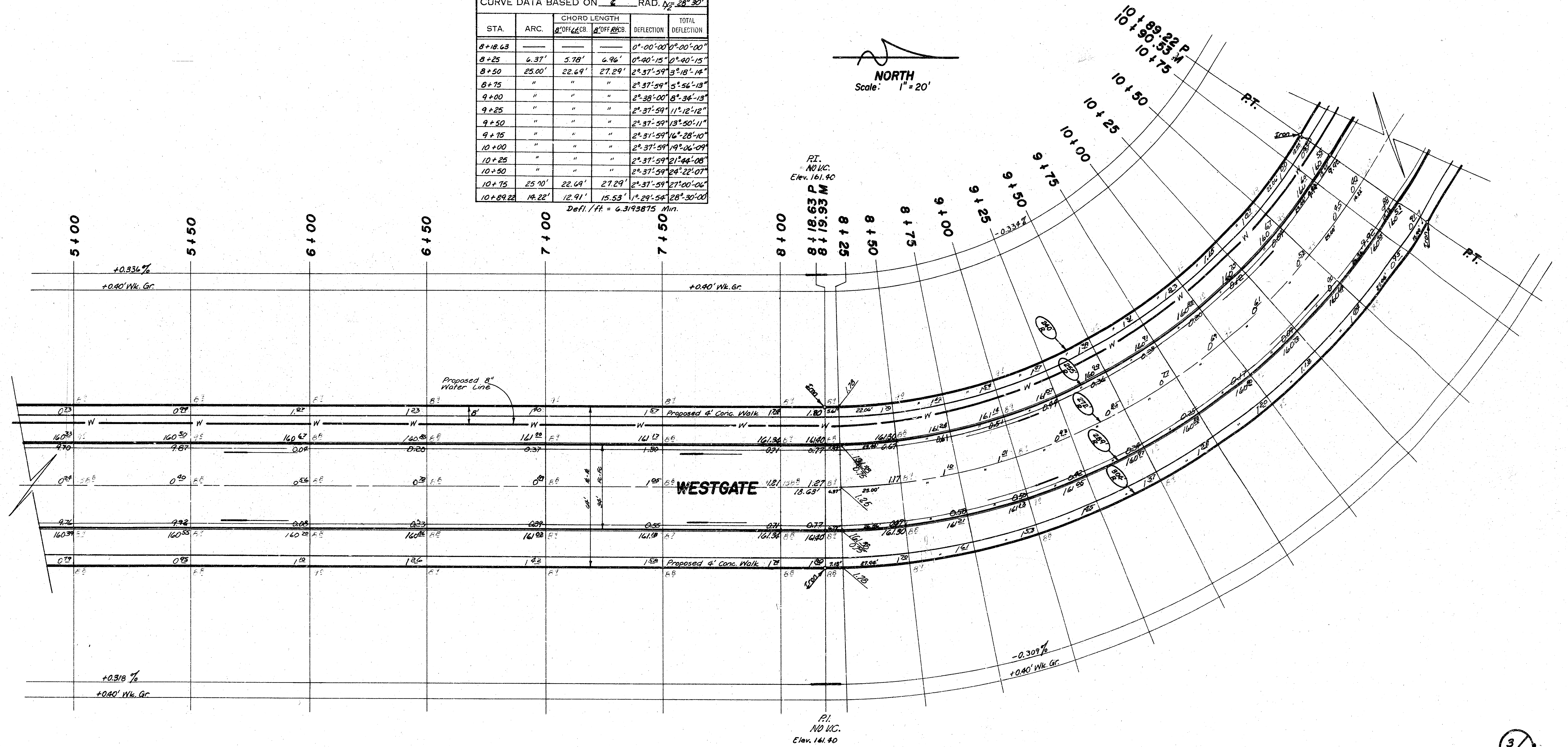
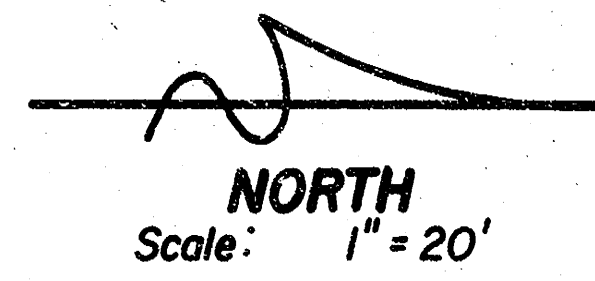
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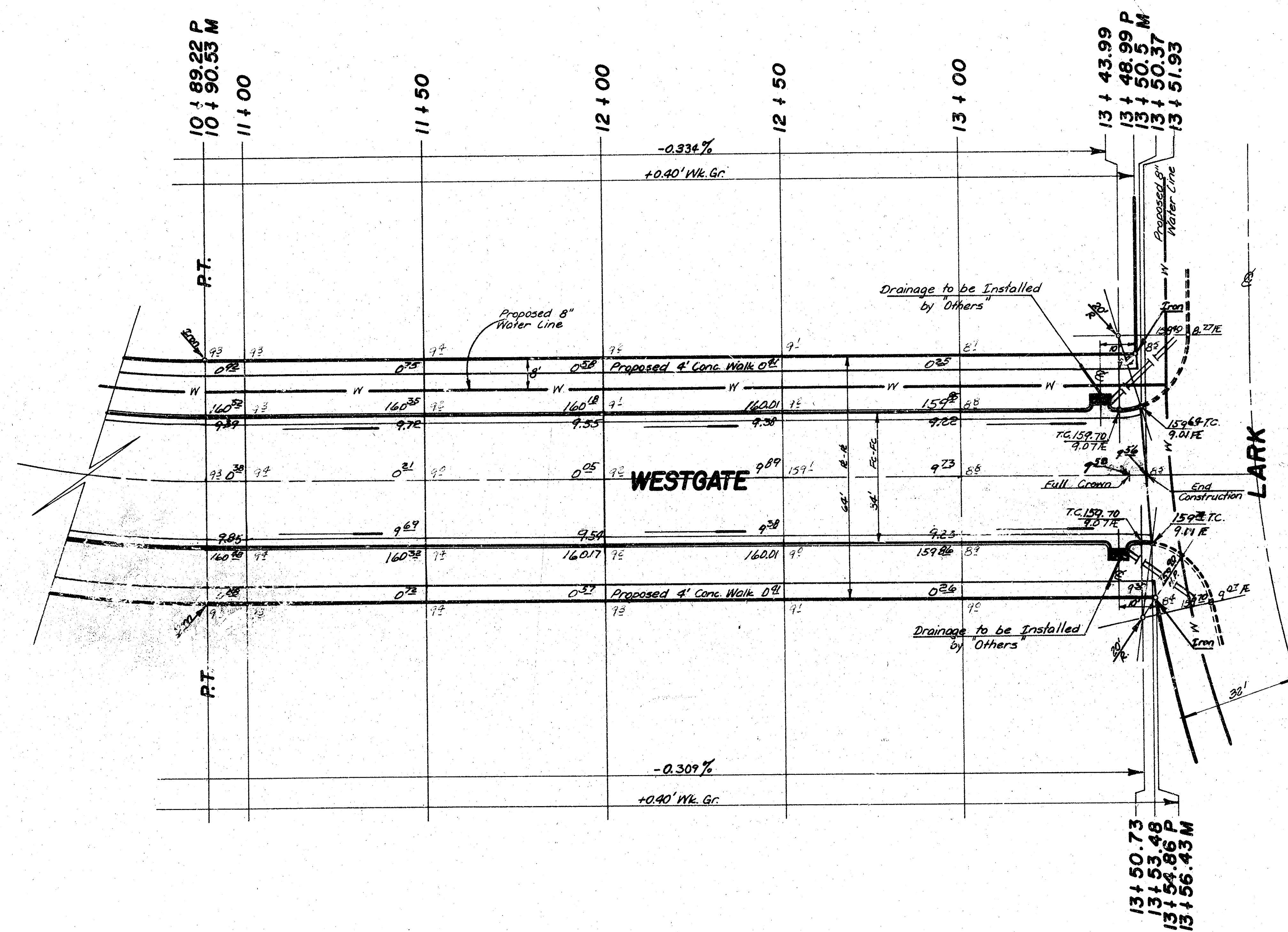
$\Delta = 57^{\circ}00'$ R. = 272.00' T. = 147.68' L. = 270.59' LC. = 259.57'

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta = 28^{\circ}30'$

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		CHORD	CHORD		
8+18.63				0°-00'-00"	0°-00'-00"
8+25	6.37'	5.78'	6.96'	0°-40'-15"	0°-40'-15"
8+50	25.00'	22.69'	27.29'	2°-37'-59"	3°-18'-14"
8+75	"	"	"	2°-37'-59"	5°-56'-13"
9+00	"	"	"	2°-38'-00"	8°-34'-13"
9+25	"	"	"	2°-37'-59"	11°-12'-12"
9+50	"	"	"	2°-37'-59"	13°-50'-11"
9+75	"	"	"	2°-37'-59"	16°-28'-10"
10+00	"	"	"	2°-37'-59"	19°-06'-09"
10+25	"	"	"	2°-37'-59"	21°-44'-08"
10+50	"	"	"	2°-37'-59"	24°-22'-07"
10+75	25.00'	22.69'	27.29'	2°-37'-59"	27°-00'-06"
10+89.28	14.22'	12.91'	15.55'	1°-29'-54"	28°-30'-00"

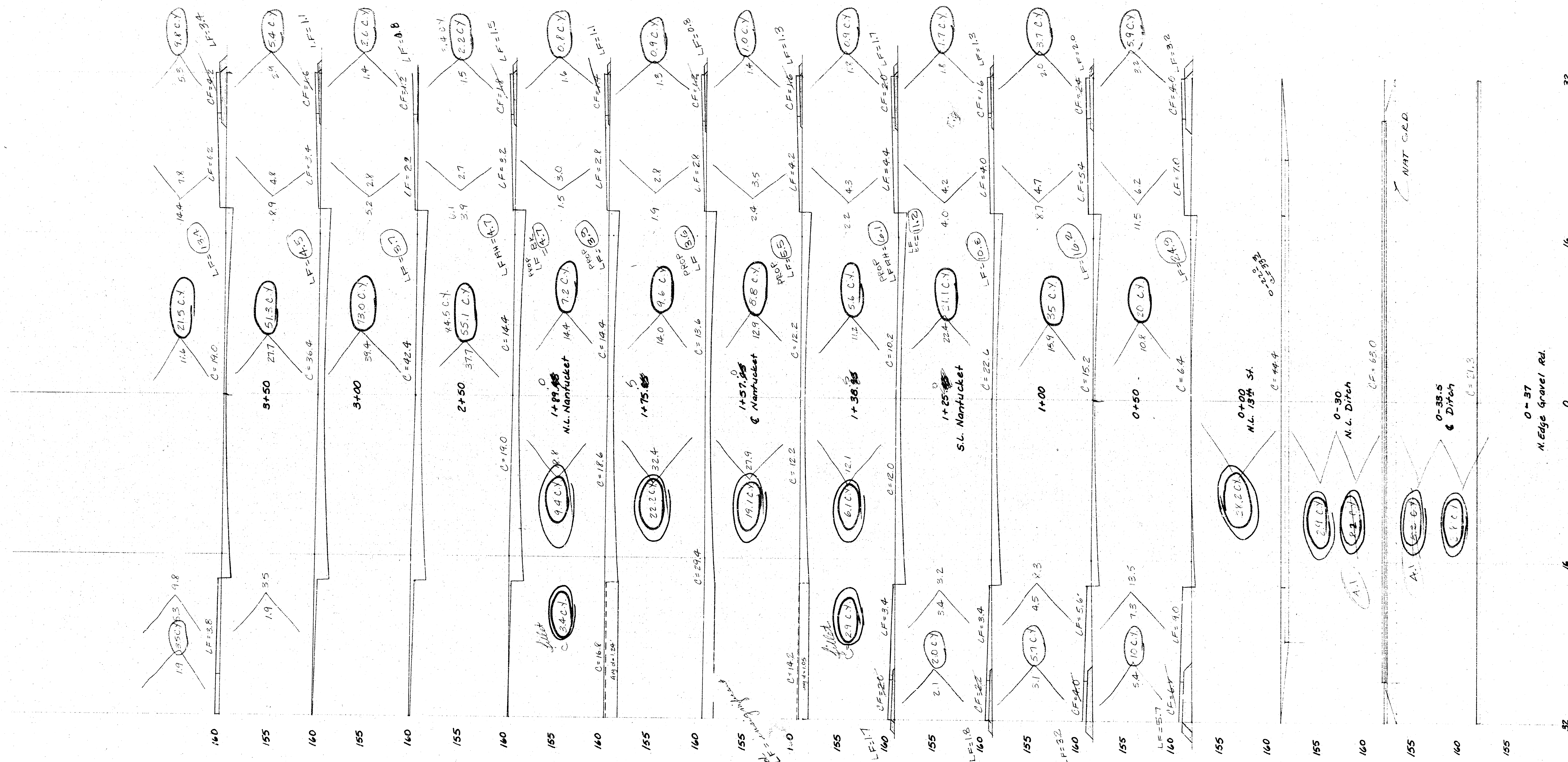
Defl. / ft = 4.3193875 Min.





NORTH
Scale: 1" = 20'

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0+37
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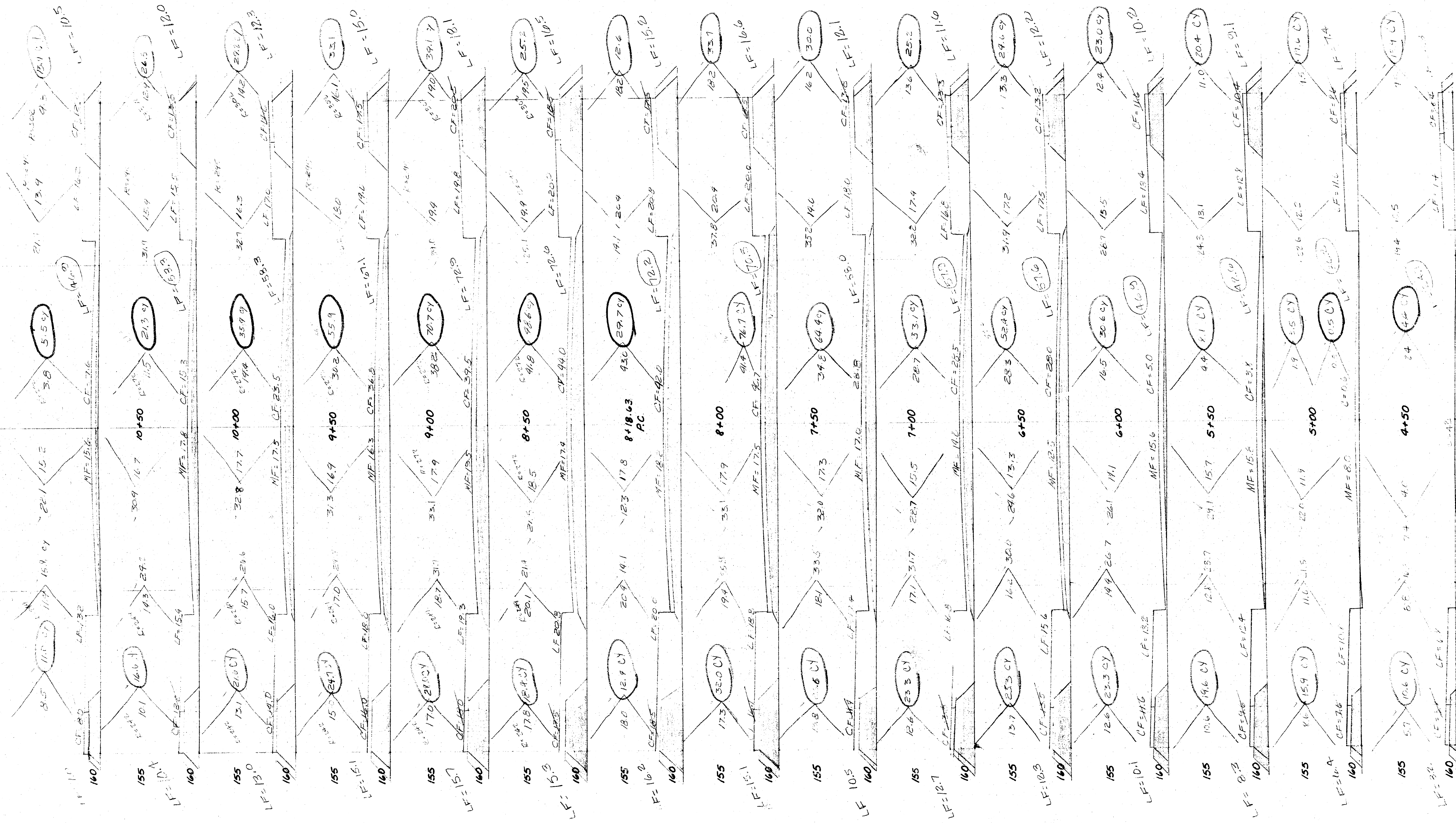
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SHEET TOTALS
 EXCAV. 357.6 CY
 PROP. CITY 97.0 CY
 WESTGATE
 DAKS577029

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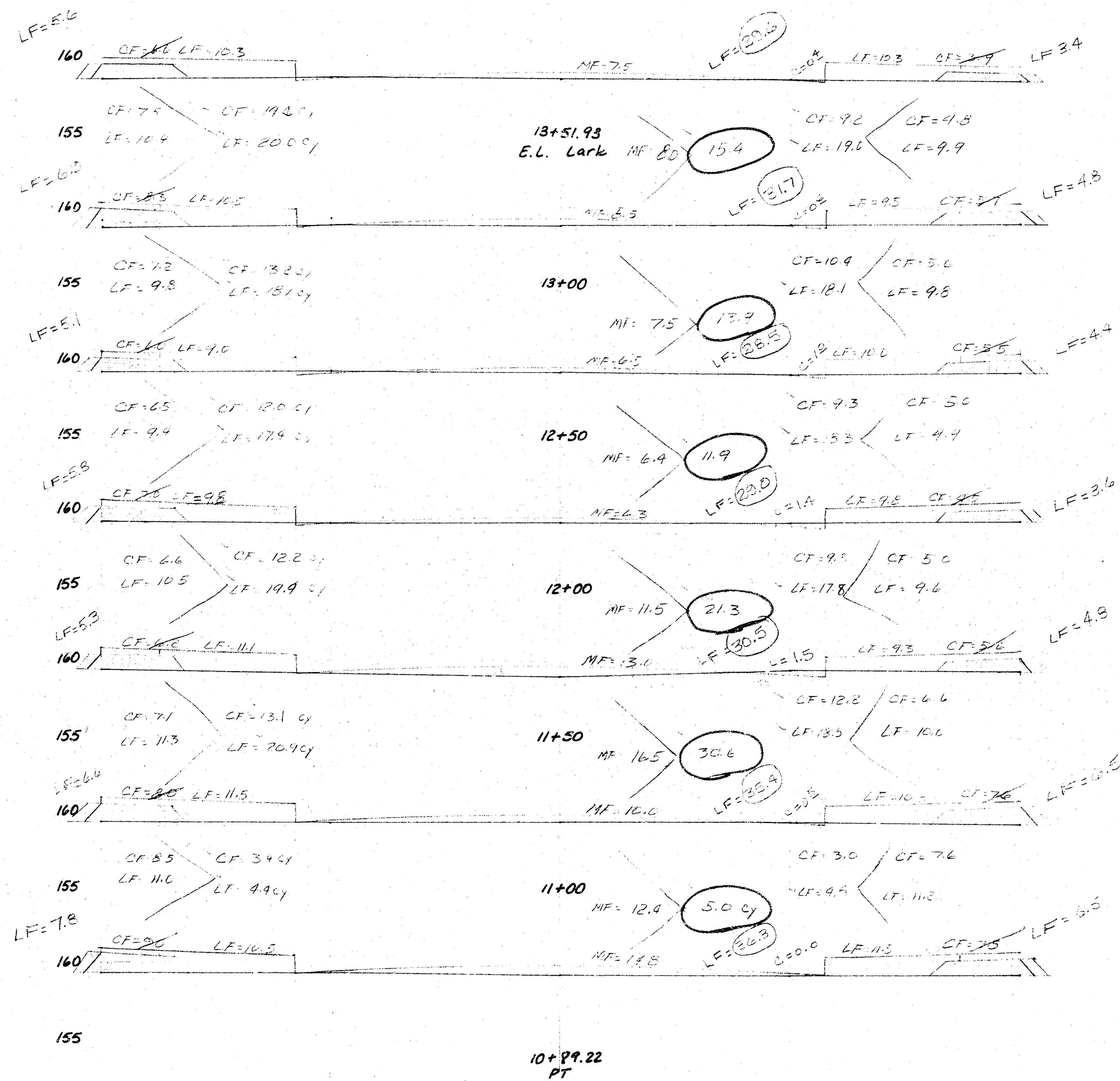


155	32	4+00	32
160	0	0	16

SHEET TOTALS
EXCAV. 1534.6 CY
PROR 4.4 CY

WESTGATE
DAKS577029

7



- Total EXCAV = 439.5' x 0.7 = 307.6
 + Total Comp. Fill = 1430.0 cy x 1.2 = 1716.0
 + Total Conc. Fill = 1116.4 cy x 1.0 = 1116.4
 + Total Manup. Fill = 485.1 cy x 1.2 = 582.1
 Paved = 3065.9 CY
 = 816.3 CY from string base

SHEET TOTALS:
 EXCAV. C.F.
 Prop. 121.9 cy

WESTGATE
 DAKS 577029

7/7