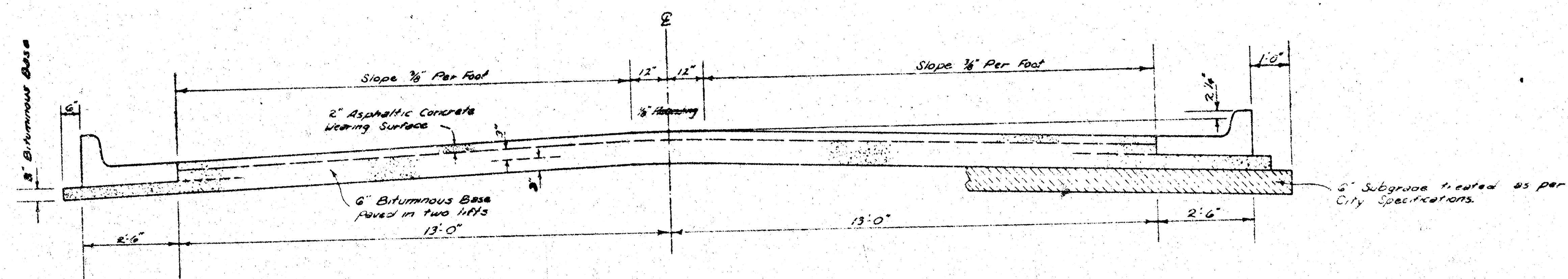


SUNNYBROOK LANE
E.L. RICHMOND AVE.
TO & INCLUDING CUL-DE-SAC

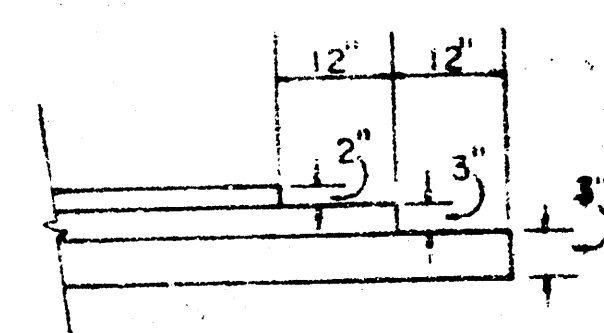


TYPICAL SECTION

31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

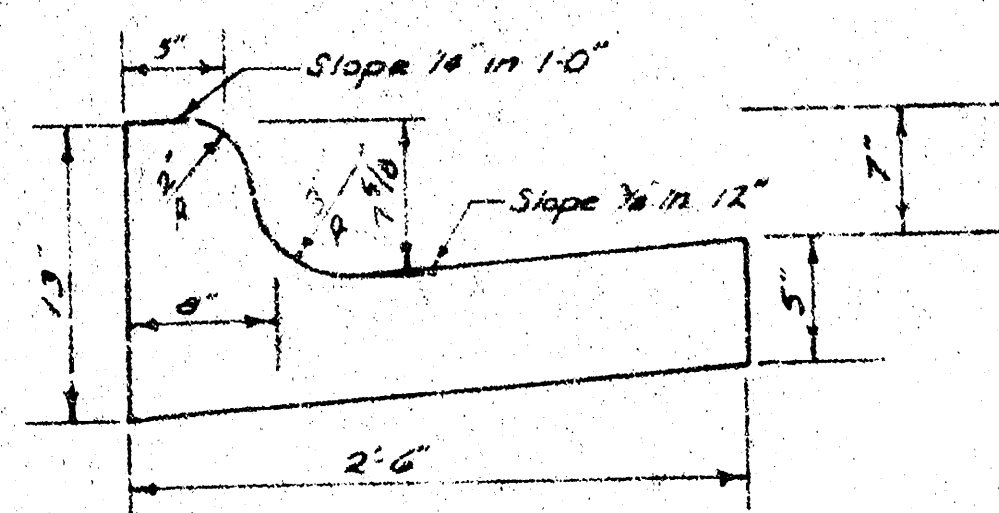
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT. BITUMINOUS 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' 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

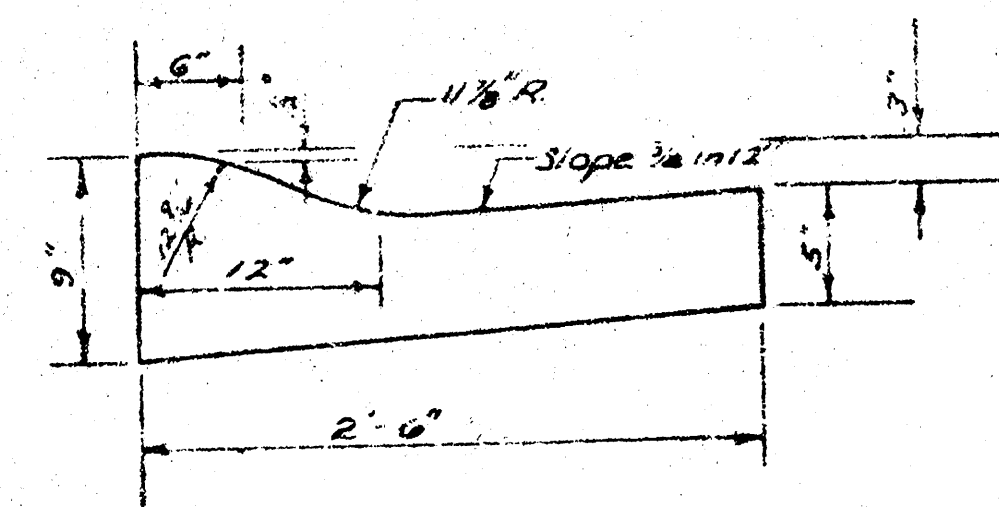


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

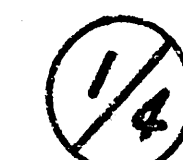
COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sec. 105. B. A.C. Pavement (6 Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sec. 105. 3 Bituminous Base.



CITY OF WICHITA, KANSAS

DEPARTMENT OF PUBLIC WORKS — ENGINEERING

R. W. LINN

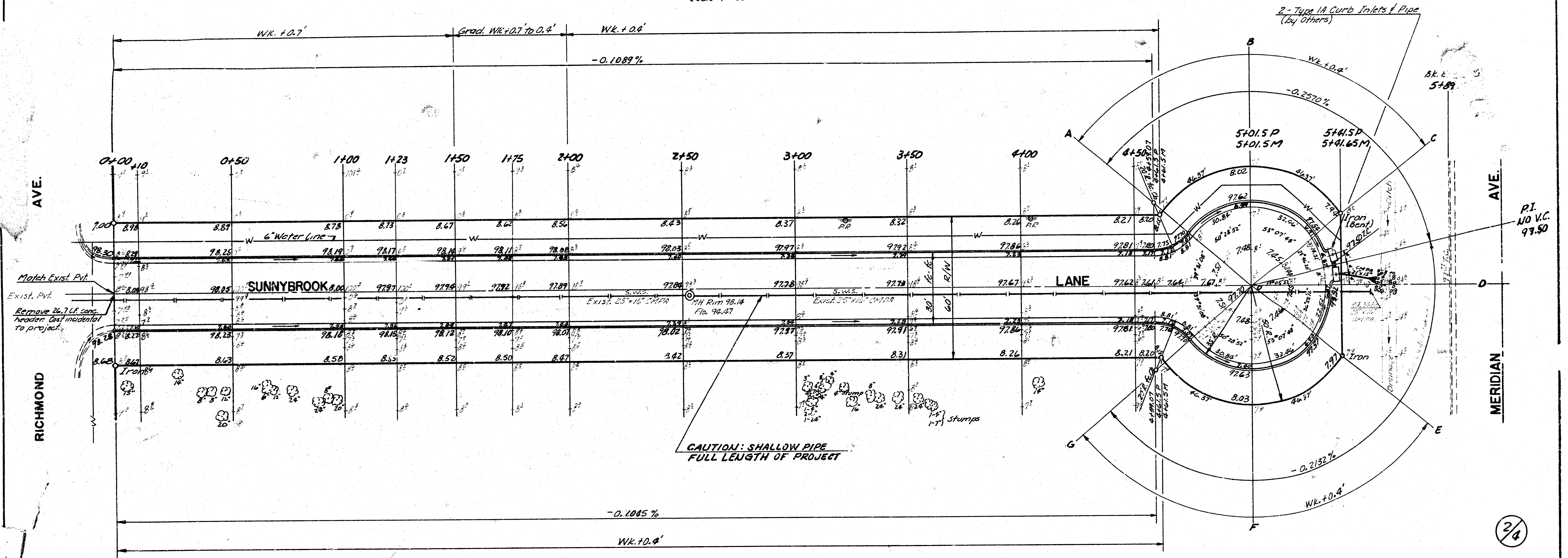
CITY ENGINEER

DATE

PROJ. NO. 472 76 245 80841 000 000 001

B.M. 78.55 "d Top N. Cb. Sunnybrook 5' W. of W.L. Richmond
B.M. 78.80 R.E. Spk. N.W. 1/4 P.P. S.E. Cor. Richmond & Southgate

Scale: 1" = 20'



Match Exist. Pnt.
Exist. Pnt.
Remove 26.7 LF conc.
header. Cost incidental
to project.

RICHMOND

SUNNYBROOK LANE

CAUTION: SHALLOW PIPE
FULL LENGTH OF PROJECT

-0.1085 %
Wk. +0.4'

NOTE: No more than 16-20' Drives to be
constructed on this project.

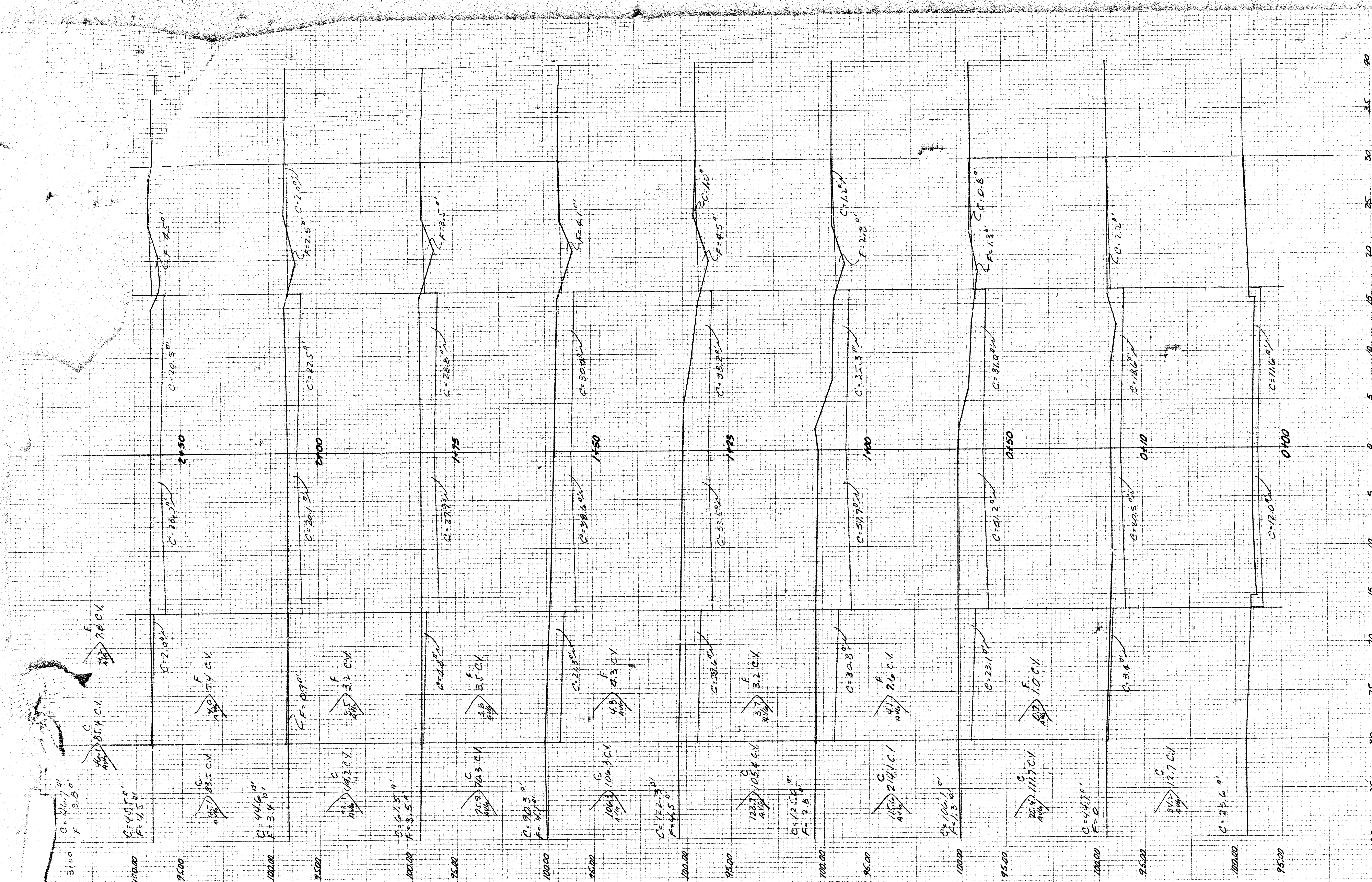
SUB-GRADE
TYPE OF SUB-GRADE TREATMENT SHALL BE DE-
TERMINED BY THE FIELD ENGINEER. SUB-GRADE
TREATMENT MAY CONSIST OF LIME TREATMENT,
CEMENT TREATMENT, SUB-GRADE MODIFICA-
TION, OR ANY COMBINATION OF THESE.

Earthwork
Excavation
1393.1 C.Y.
+10 % 139.3
Total 1532.4 C.Y.

Total Manipulation 2535.0 S.Y.

SUNNYBROOK LANE
E.L. RICHMOND AVE.
TO & INCLUDING CUL-DE-SAC
CITY OF WICHITA, KANSAS
R.W. LINN CITY ENGINEER
DATE
PROJ. NO. 472 76 245 80641 000 000 001

2/4



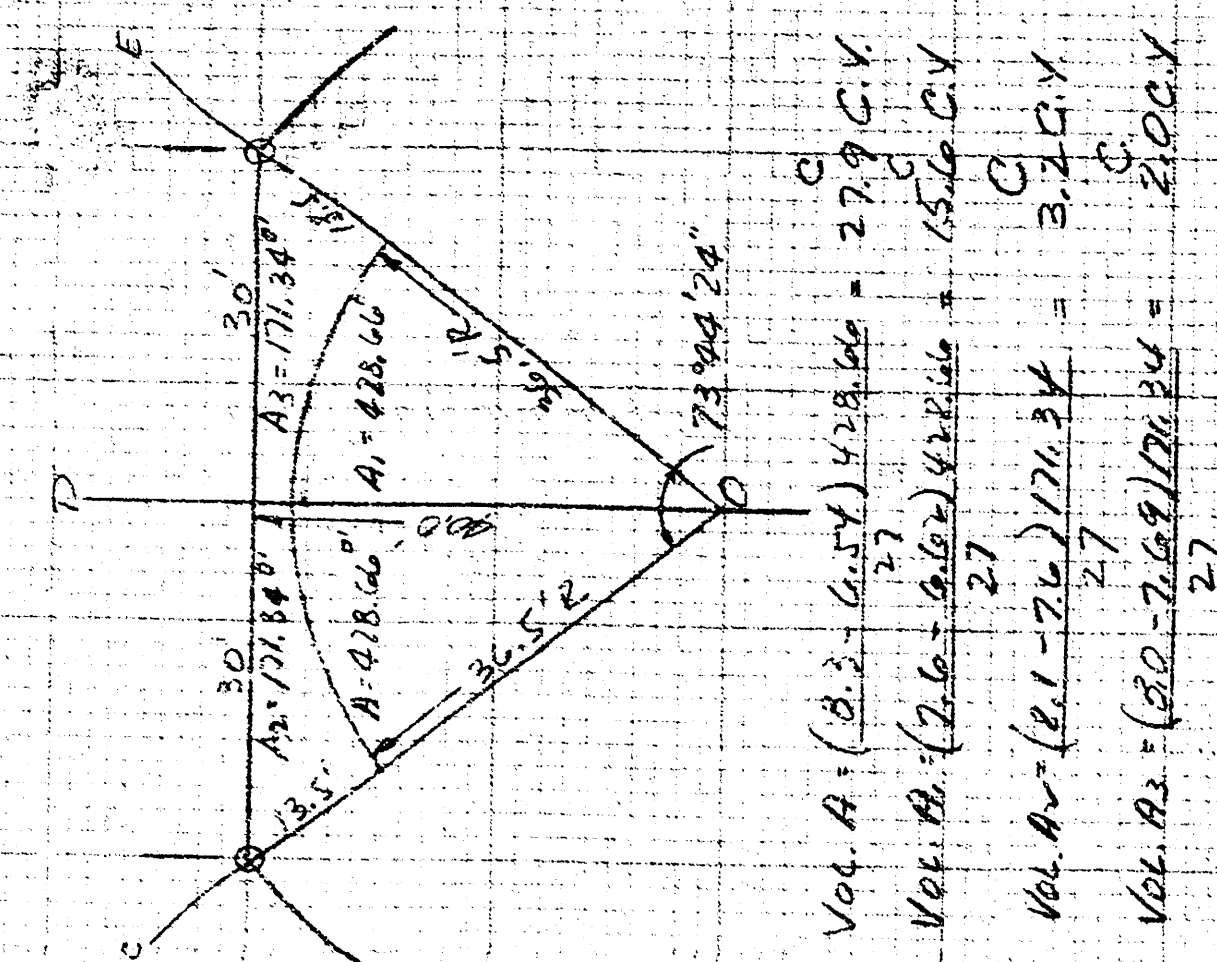
SUNNYBROOK LANE
E.L. RICHMOND AVE.
TO & INCLUDING CUL-DE-SAC

PROJ. NO. 472 76 245 8084 000 000 000

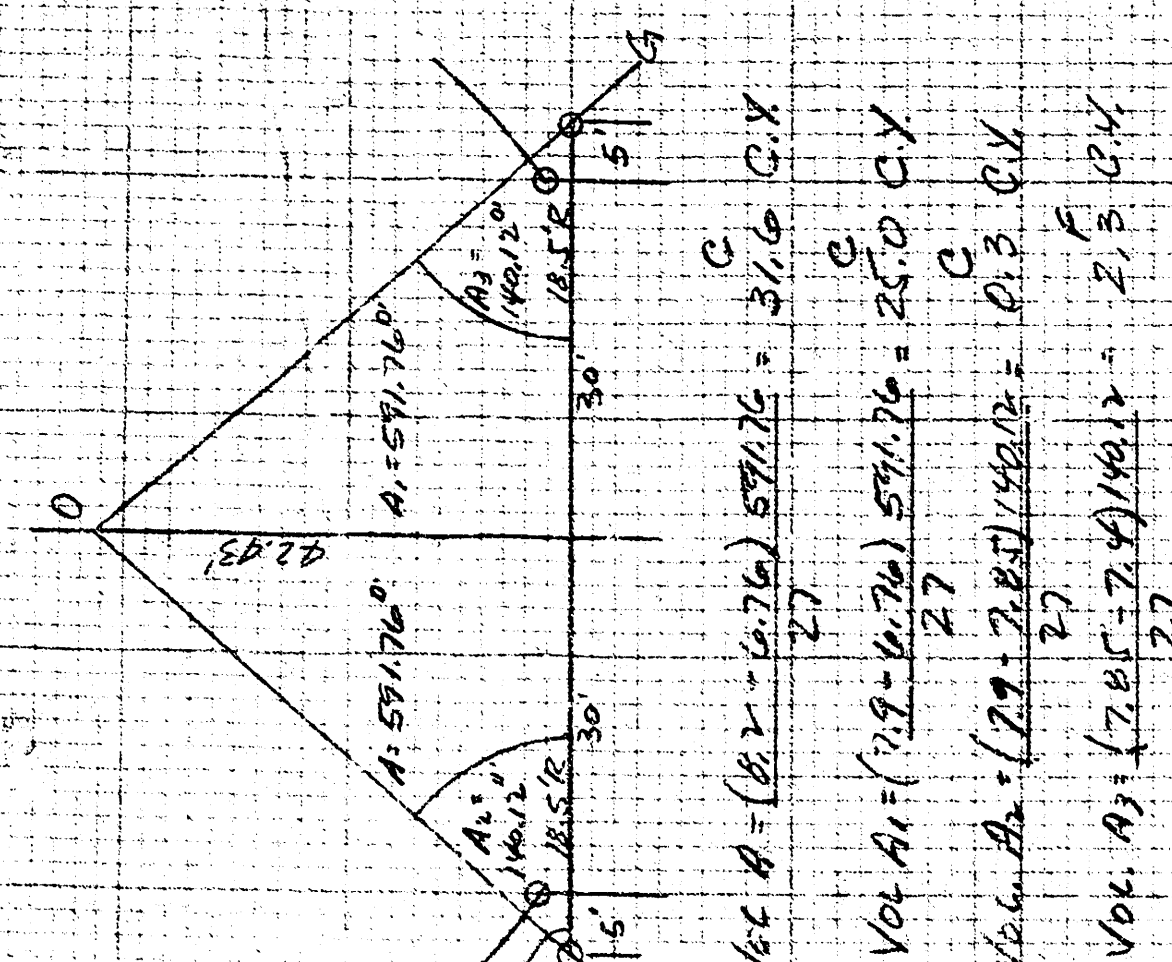
EARTHWORK - THIS SHEET
EXCAVATION FILL 38.0 C.Y.
838.6 C.Y.

TOTAL EARTHWORK	Σ ALL SHEETS	CF. (avg. over)
EXCAVATION	FILE	72.4 CY
		1393.1 CY
		1.8 C.Y.

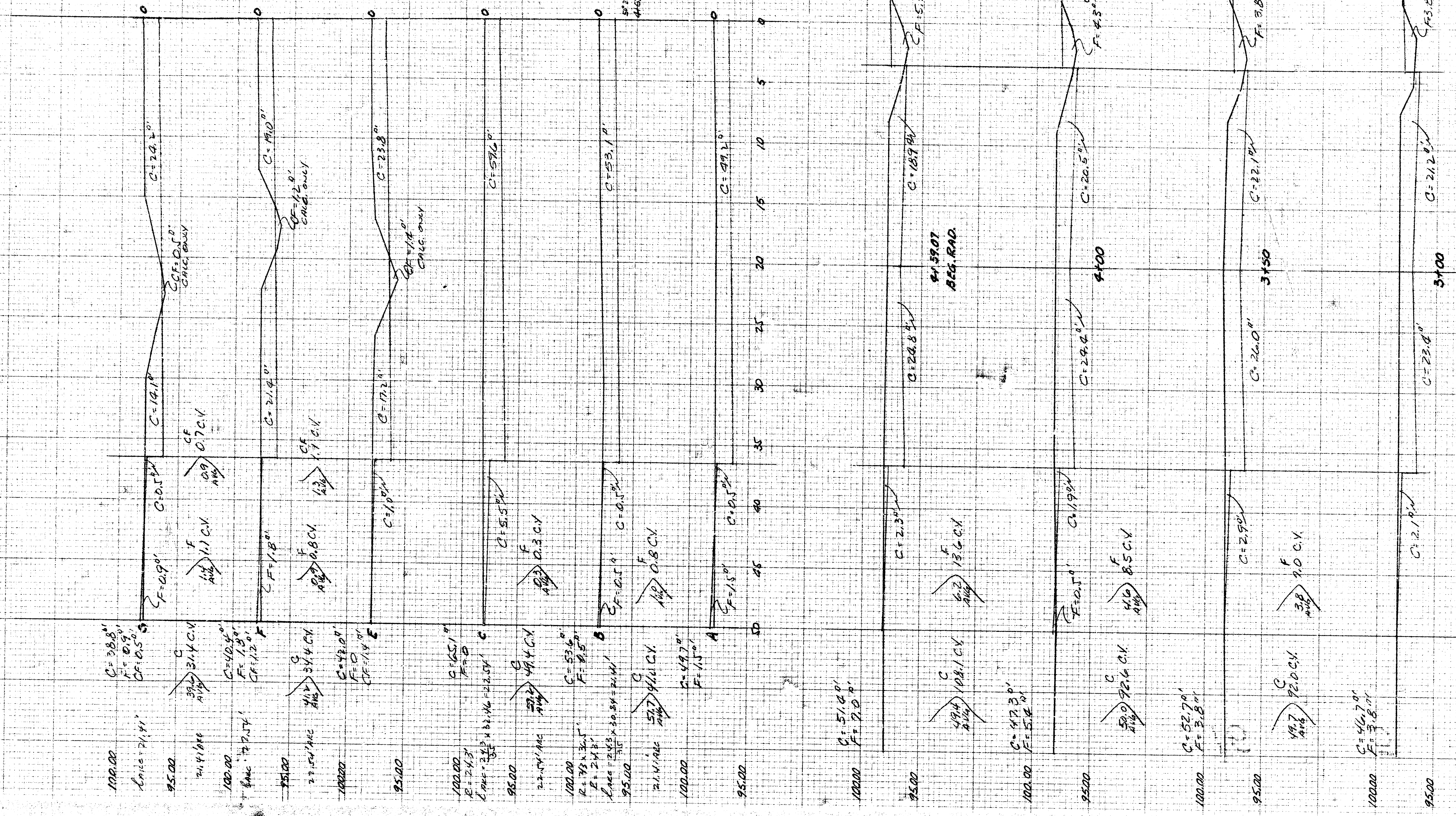
 $\frac{3}{4}$ ~~$\frac{3}{4}$~~



Vol. A: $(2.3 - 0.5) \times 1.5 \times 1.5 = 2.3 \text{ CY}$
 Vol. B: $(2.6 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$
 Vol. C: $(2.1 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$
 Vol. D: $(2.0 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$



Vol. A: $(1.9 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$
 Vol. B: $(2.0 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$
 Vol. C: $(2.1 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$
 Vol. D: $(2.0 - 0.5) \times 1.5 \times 1.5 = 1.5 \text{ CY}$



40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40

EXCAVATION
 554.5 CY
 FILL
 34.4 CY
 TOTAL
 588.9 CY

SUNNYBROOK LANE
 E.L. RICHMOND AVE.
 TO & INCLUDING CUL-DE-SAC
 PROJ. NO. 472 76 245 80841 000 000 001

4/4
 4/4