BROADWAY AVE.

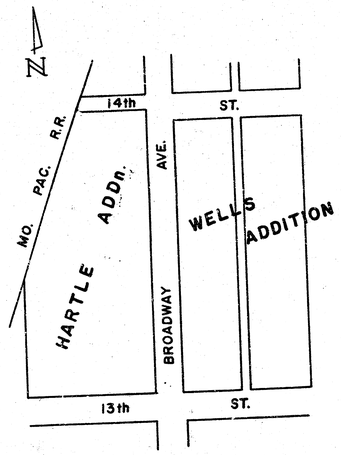
13th ST. N. TO 14th ST. N.

CITY OF WICHITA, KANSAS

R.W. BRUGGEMAN DIRECTOR OF ENGINEERING / CITY ENGINEER

DATE:

PROJ. NO. 814 58 192 50214 430 102 000



LOCATION MAP
SCALE: 1" = 150'

STEPHEN M. LACKEY
LICENSED
7714
KANSAS
REGISTERED LAND SURVEYOR

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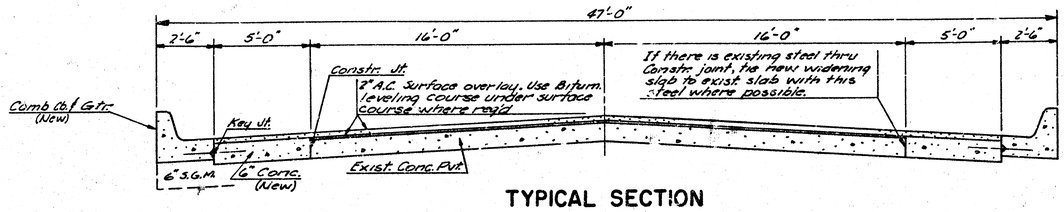
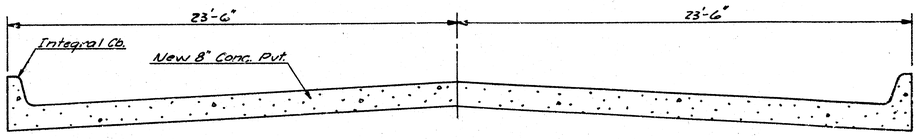
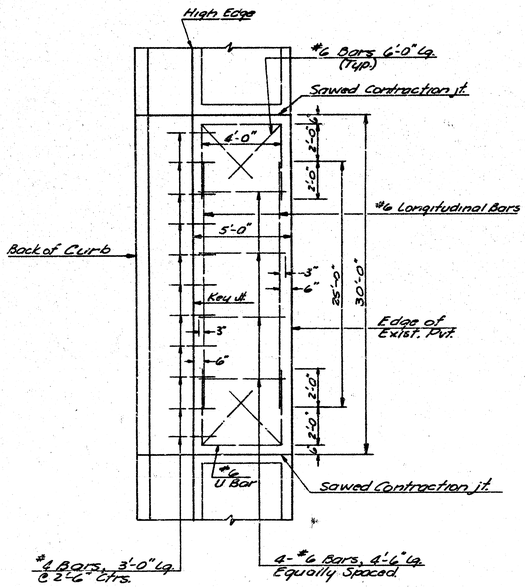
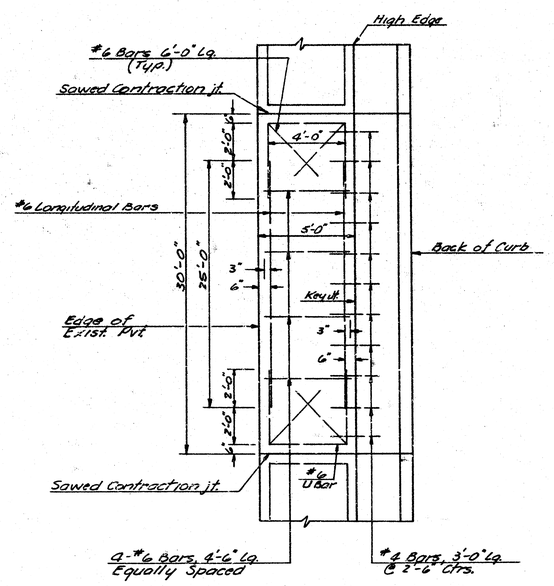


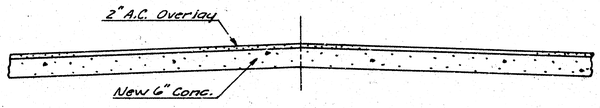
TYPICAL SECTION
STA. 1+59.5 TO STA. 7+31.1



TYPICAL SECTION
STA. 1+24.5 TO STA. 1+59.5







TYPICAL SECTION
STA. 7+31.1 TO STA. 7+86.56 (AVG.)
(INTERSECTION 14th ST.)

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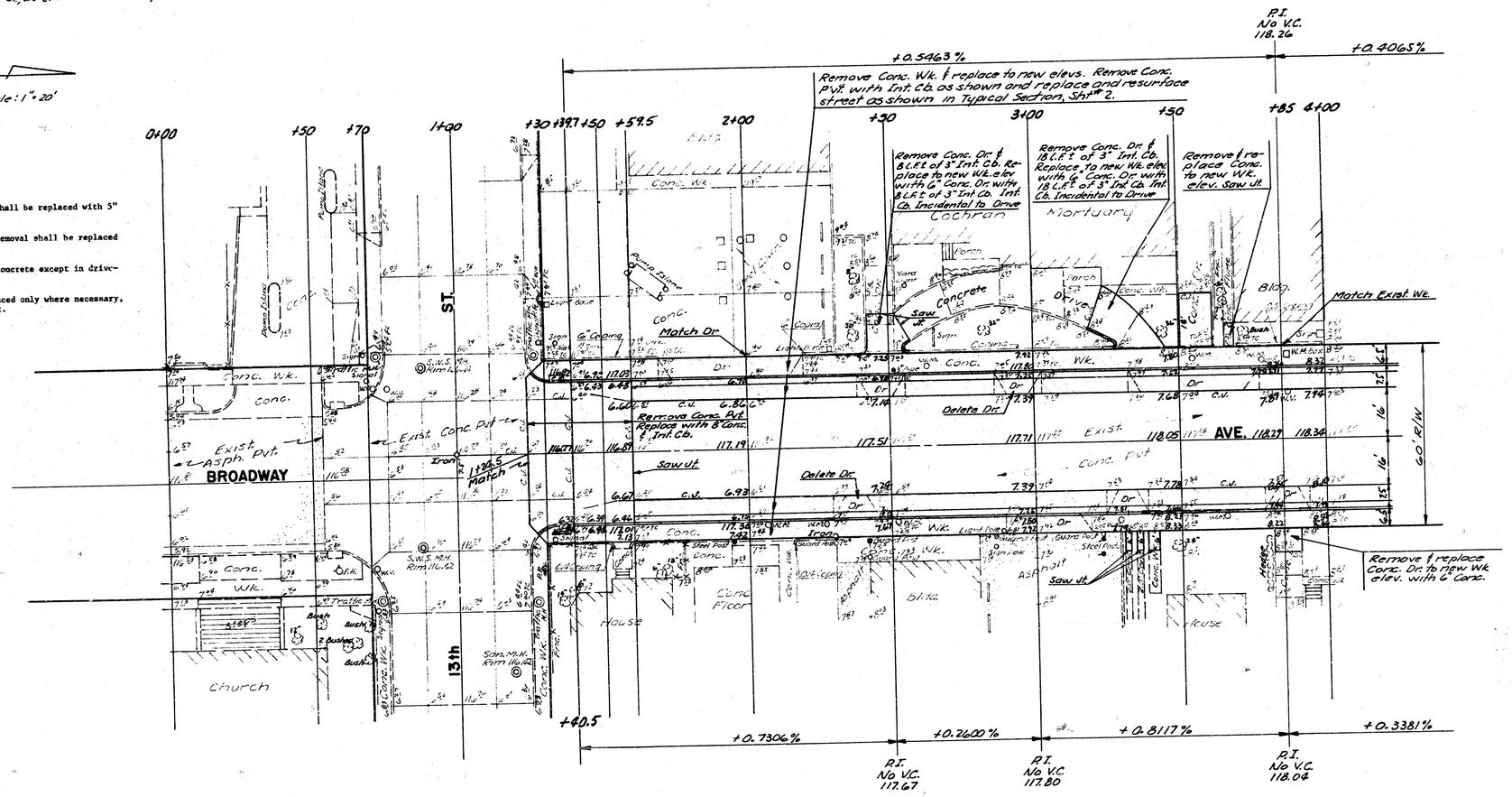
B.M. 119.50 N.W. Cor. Bot. Conc. Step No. #142B N. Broadway
B.M. 119.83 R.R. Spike, W. Face P.P., S.S. 14th St, 6.5' E. of C.L. Broadway

Survey O.K.
Plan O.K.
Exe
Checked

N
Scale: 1"=20'

GENERAL NOTES:

1. 2" surface course shall be SC-I asphalt.
2. Leveling course shall be BC-I asphalt.
3. Asphalt parking mats and asphalt drives removed shall be replaced with 5" asphalt hookup material.
4. Concrete parking lot removal and concrete drive removal shall be replaced with 6" concrete (unreinforced).
5. Concrete walk removal shall be replaced with 4" concrete except in driveway entrances which shall be 6" concrete.
6. Curbs at property line shall be removed and replaced only where necessary, and shall be considered incidental to the project.



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.

Earthwork

Excav.	Compacted Fill (Walk Density)
77.2 C.Y.	6.0 C.Y.
+10% 7.7	+10% 0.6
84.9 C.Y.	6.6 C.Y.

Total Manipulation = 1510.3 S.Y.

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13th ST. N. TO 14th ST. N.

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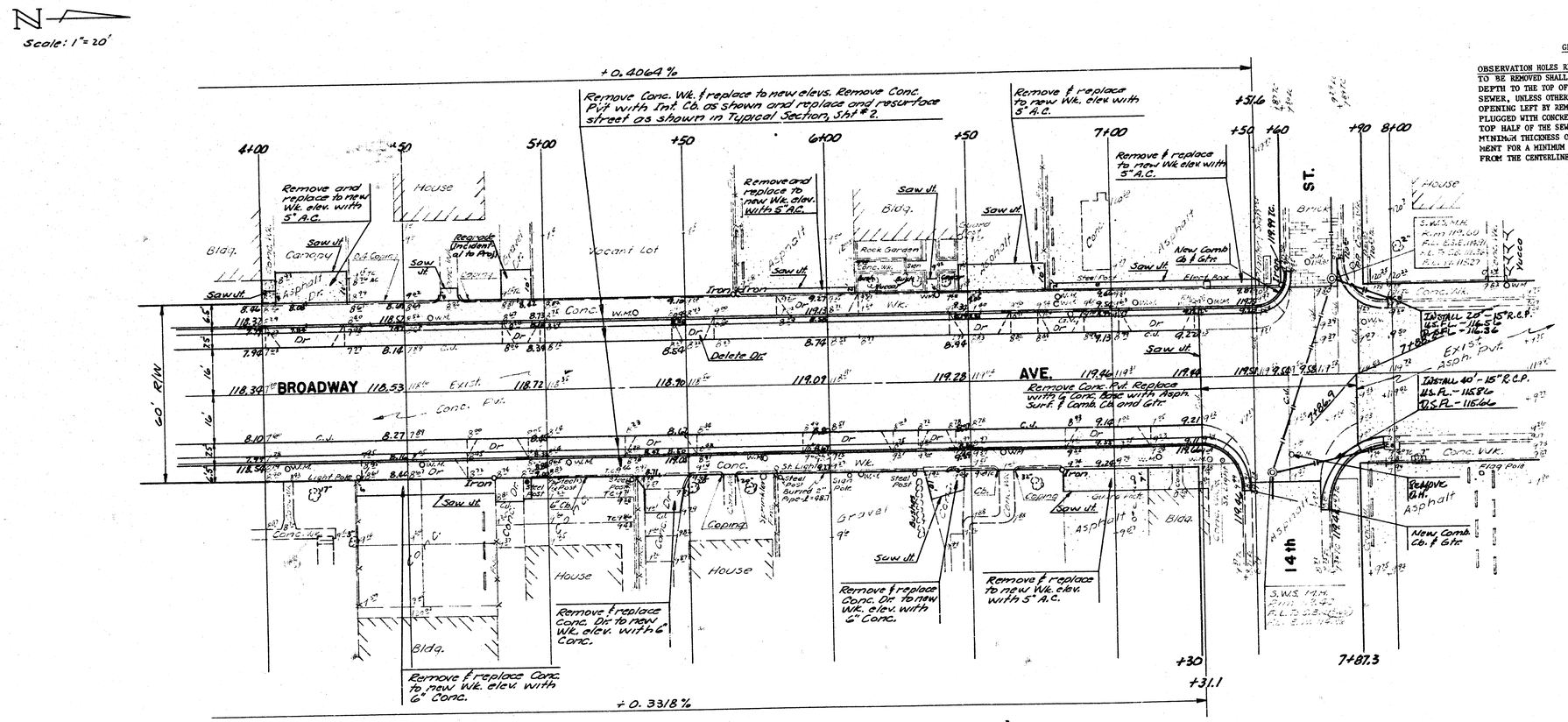
FILMED FROM THE BEST



GENERAL NOTE

OBSERVATION HOLES REMOVED - OBSERVATION HOLES DESIGNATED TO BE REMOVED SHALL BE COMPLETELY REMOVED FOR THE FULL DEPTH TO THE TOP OF THE TEE FITTING IN THE SANITARY SEWER, UNLESS OTHERWISE INDICATED BY THE PLANS. THE OPENING LEFT BY REMOVING THE OBSERVATION HOLE SHALL BE PLUGGED WITH CONCRETE AS APPROVED BY THE ENGINEER. THE TOP HALF OF THE SEWER PIPE SHALL BE ENCASED WITH A MINIMUM THICKNESS OF 6" OF UNREINFORCED CONCRETE ENCASEMENT FOR A MINIMUM DISTANCE OF 18" IN BOTH DIRECTIONS FROM THE CENTERLINE OF THE ORIGINAL OBSERVATION HOL.

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BROADWAY AVE.

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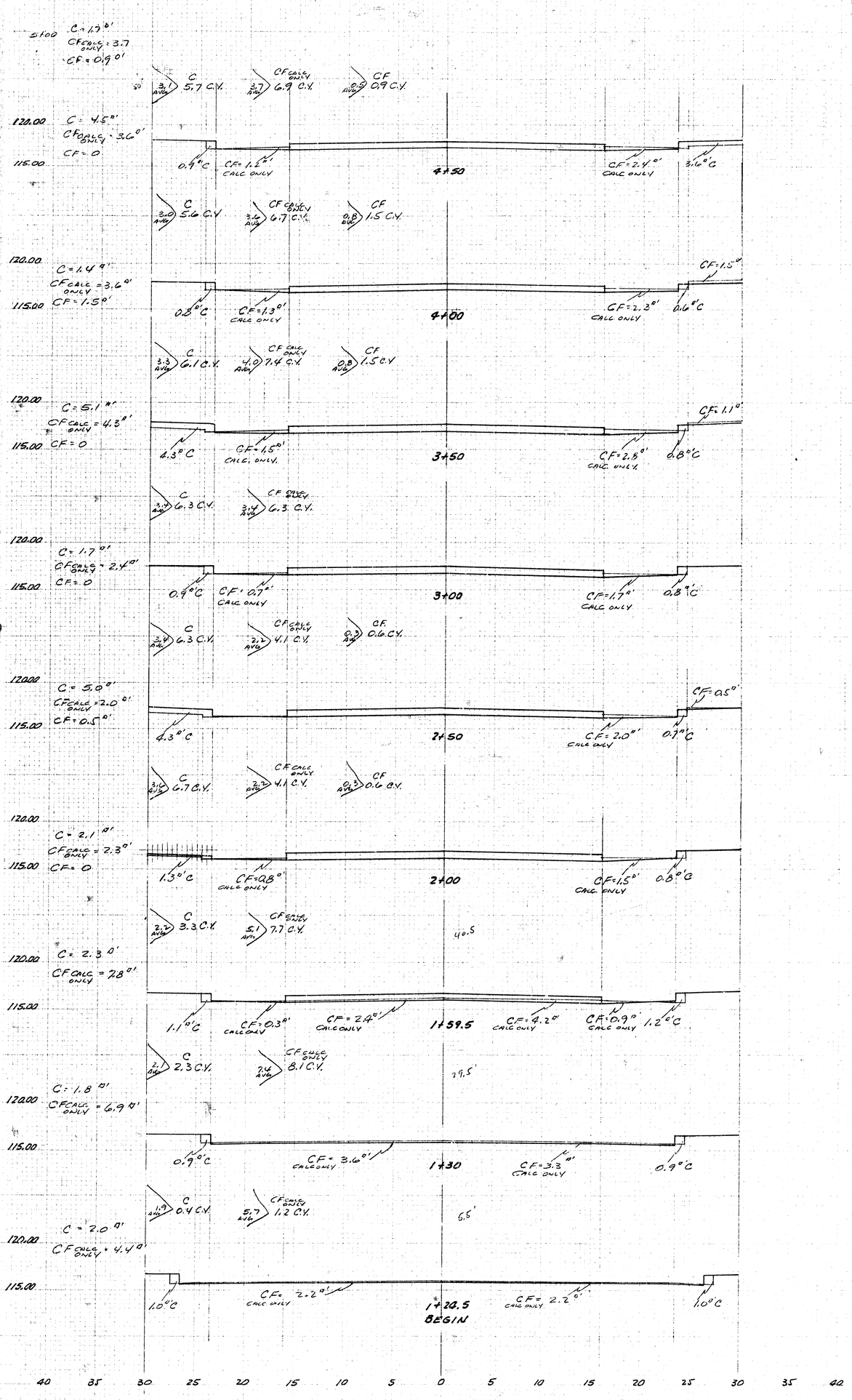

EARTHWORK - THIS SHEET

EXCAV	CF CALC ONLY	CF
42.7 C.Y.	52.5 C.Y.	6.1 C.Y.

TOTAL EARTHWORK — ALL SHEETS

EXCAV	CF CALC ONLY	CF
77.2 C.Y.	80.6 C.Y.	6.0 C.Y.

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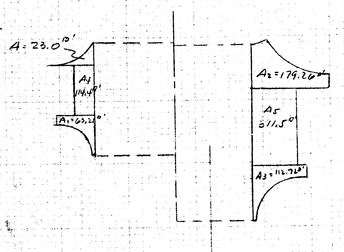


Vol A = $\frac{0.08 \times 23}{27}$ = .07 C.Y. CF CALC ONLY

Vol A_1 = $\frac{(8.67-8.65)63.32}{27}$ = .05 C.Y. CF CALC ONLY

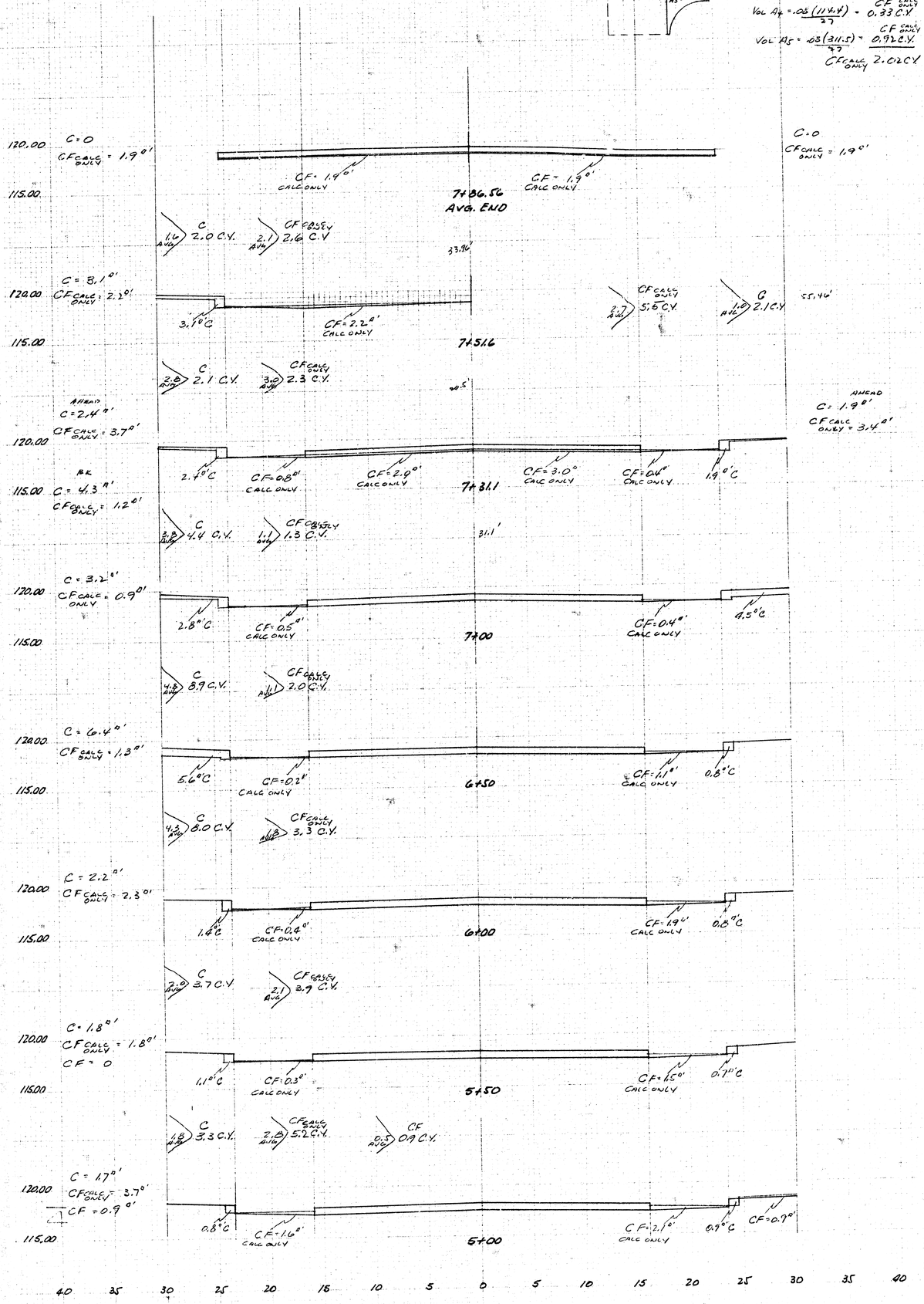
Vol A_2 = $\frac{.08 \times 179.26}{27}$ = .53 C.Y. CF CALC ONLY

Vol A_3 = $\frac{(8.35-8.33)111.74}{27}$ = .08 C.Y. CF CALC ONLY

Vol A_4 = $\frac{.08(114.4)}{27}$ = 0.33 C.Y. CF CALC ONLY

Vol A_5 = $\frac{.08(311.5)}{27}$ = 0.92 C.Y. CF CALC ONLY

CF CALC ONLY 2.02 C.Y.



EARTHWORK - THIS SHEET

EXCAV	CF CALC ONLY	CF
34.5 C.Y.	26.1 C.Y.	0.9 C.Y.

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