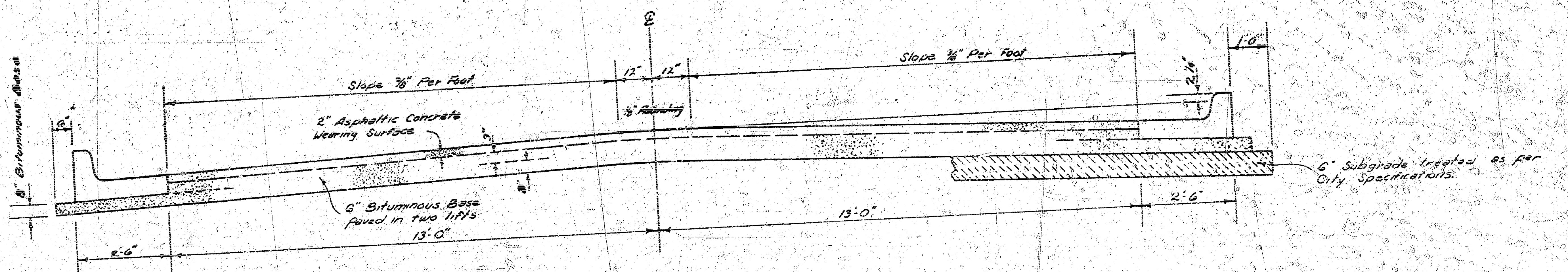
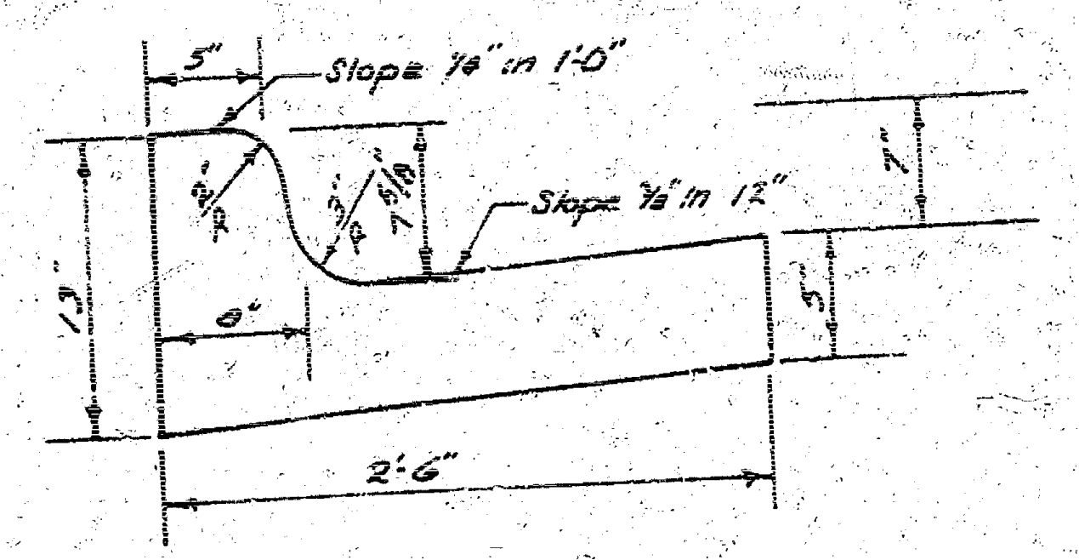
# HOLLAND LANE

## N.L. TIMOTHY LANE TO S.L. SUNCREST AVE.

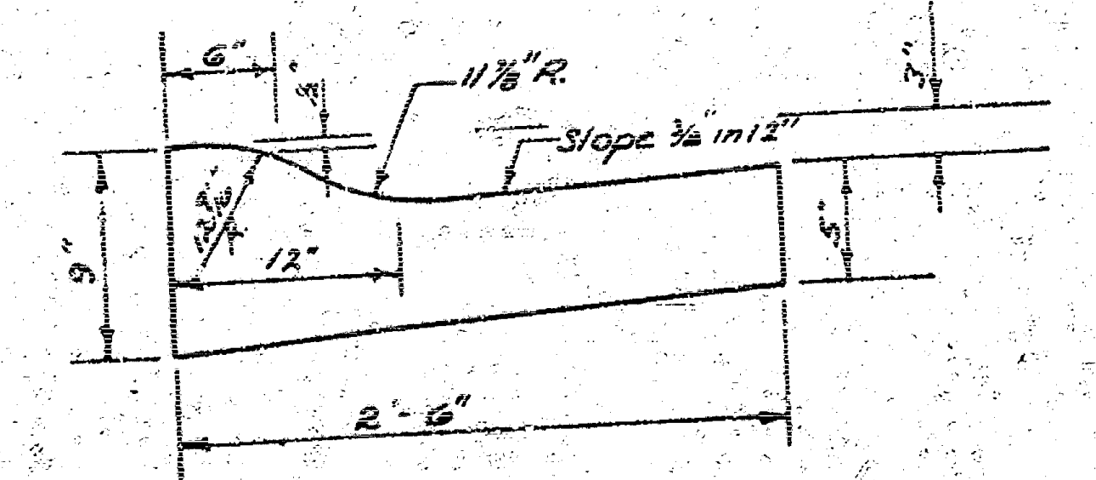

8" Bituminous Base
6"
Slope ⅜" Per Foot
12"
12"
⅛" Rounding
Slope ⅜" Per Foot
2¼"
1'-0"
2" Asphaltic Concrete Wearing Surface
3"
6" Bituminous Base Paved in two lifts
13'-0"
2'-6"
13'-0"
2'-6"
6" Subgrade treated as per City Specifications.

The A.C. pavement between the Comb. Curb & Gutter shall be paid as Sq. Yds. 8" A.C. Pavement (6" Bituminous Base). The Bituminous Base under the Comb. Curb & Gutter shall be paid as Sq. Yds. 3" Bituminous Base.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



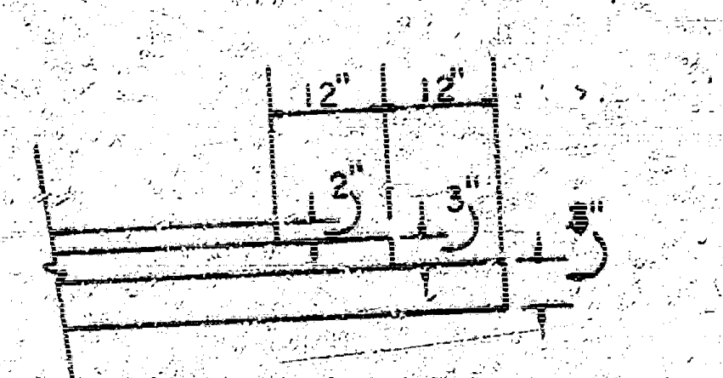
# TYPICAL SECTION

## 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.

STEPHEN R. LACKEY

CITY OF WICHITA, KANSAS
DEPARTMENT OF PUBLIC WORKS — ENGINEERING
R. W. LINN CITY ENGINEER
DATE ________
PROJ. NO. 472 76 245 80790 000 000 001

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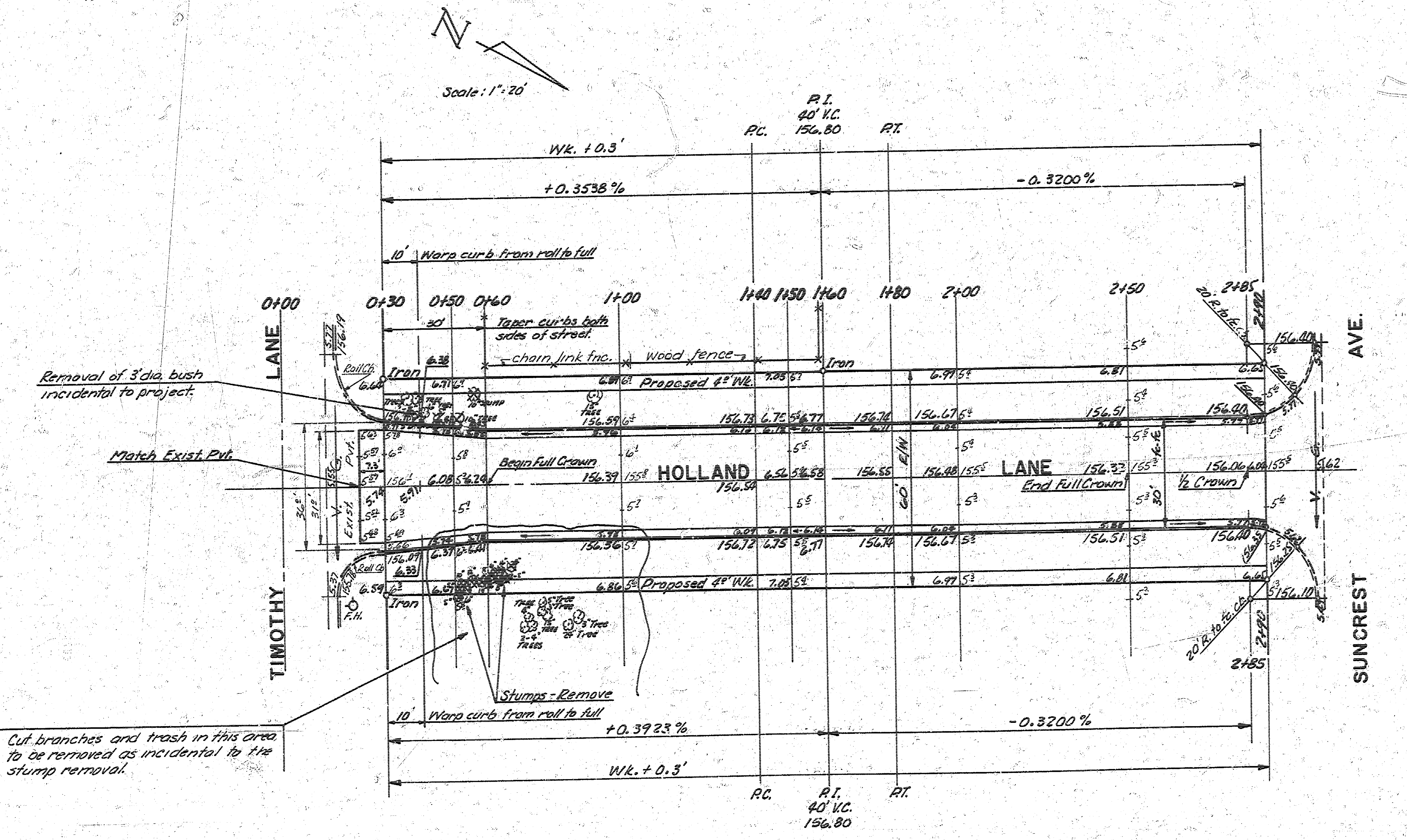
Survey W.S.J. W.S.J.
Plan D.E.C.
Exc
Checked

B.M. 157.38 East bolt on fire hydrant, cor. Holland & Timothy
B.M. 156.17 "□" cut in top curb on North Side Timothy, approx. 15' W. of W.L. Holland



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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: 4 drives can be constructed on this project. (max.) 4-20' DR.

NOTE: Trees to be removed are marked thus ⊠ except that any tree marked for removal, which in the opinion of the Engineer can be saved, shall be spared.

Earthwork Totals

Excavation
83.4 C.Y.
+10% 8.4
91.8 C.Y.

NOTE: Fill dirt required on this project to be obtained from earthwork on Suncrest Ave. project, and shall be incidental to the earthwork on Holland Lane.

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Total Manipulation 958 C.Y.

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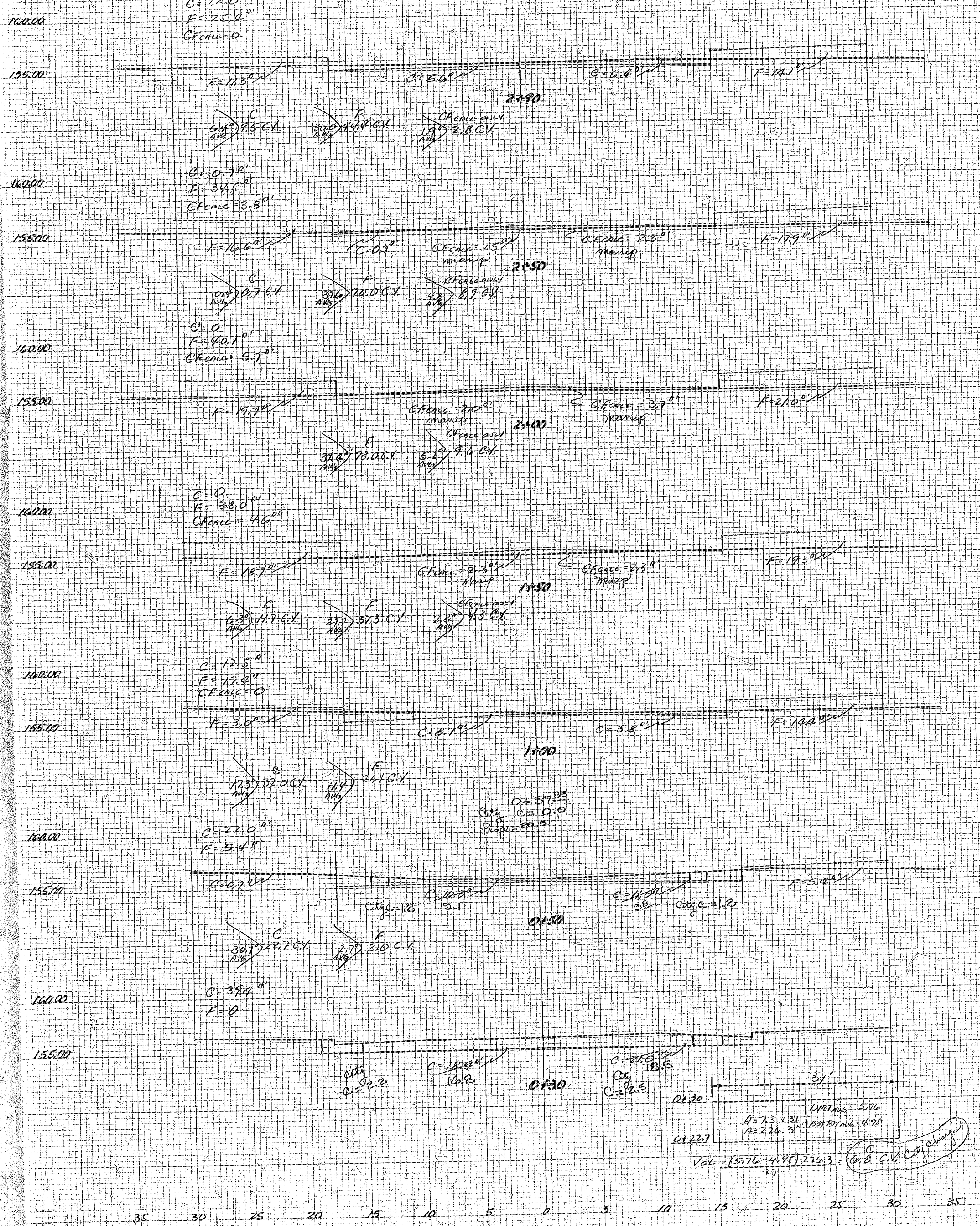

EARTHWORK TOTAL

| EXCAV. | FILL | Manip CF CALC ONLY |
|---|---|---|
| 83.4 C.Y. | 261.8 C.Y. | 25.6 C.Y. |

BORROW = 1.2[(1.2 CF + CF) - 80% EXCAV]
= 1.2[292.52 - 66.72]
= 271.0 C.Y. (TO BE OBTAINED FROM EARTHWORK ON SUNCREST)

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