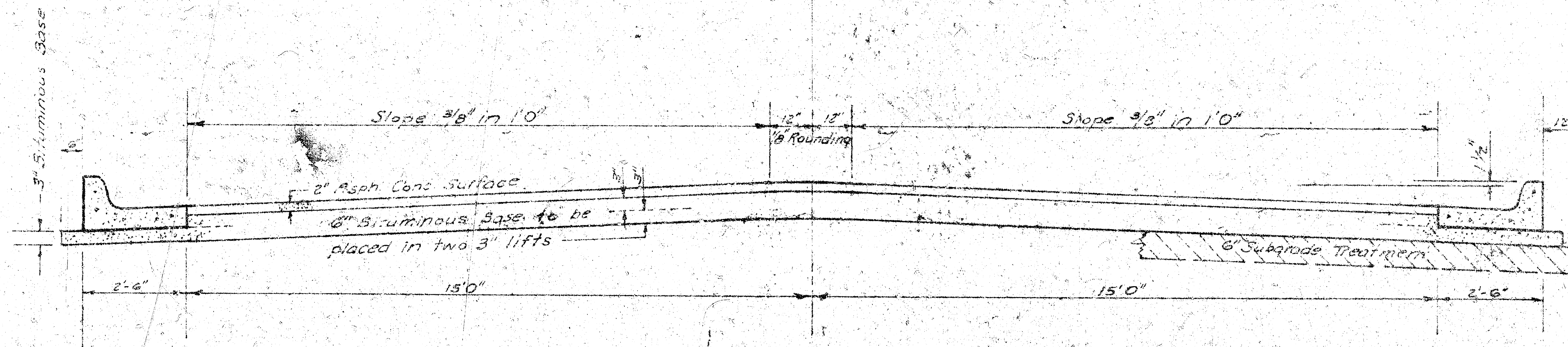


ALAMO, MESA, & 16th St.
W. L. Maize Road to the W. L. Maize Road
& MESA Ct.
E.L. Mesa to Incl. Cul-De-Sac
Proj. No. DAK5577022



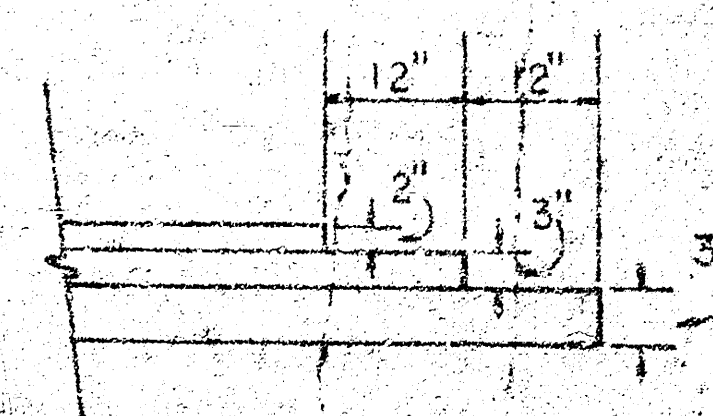
TYPICAL SECTION

35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 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 PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

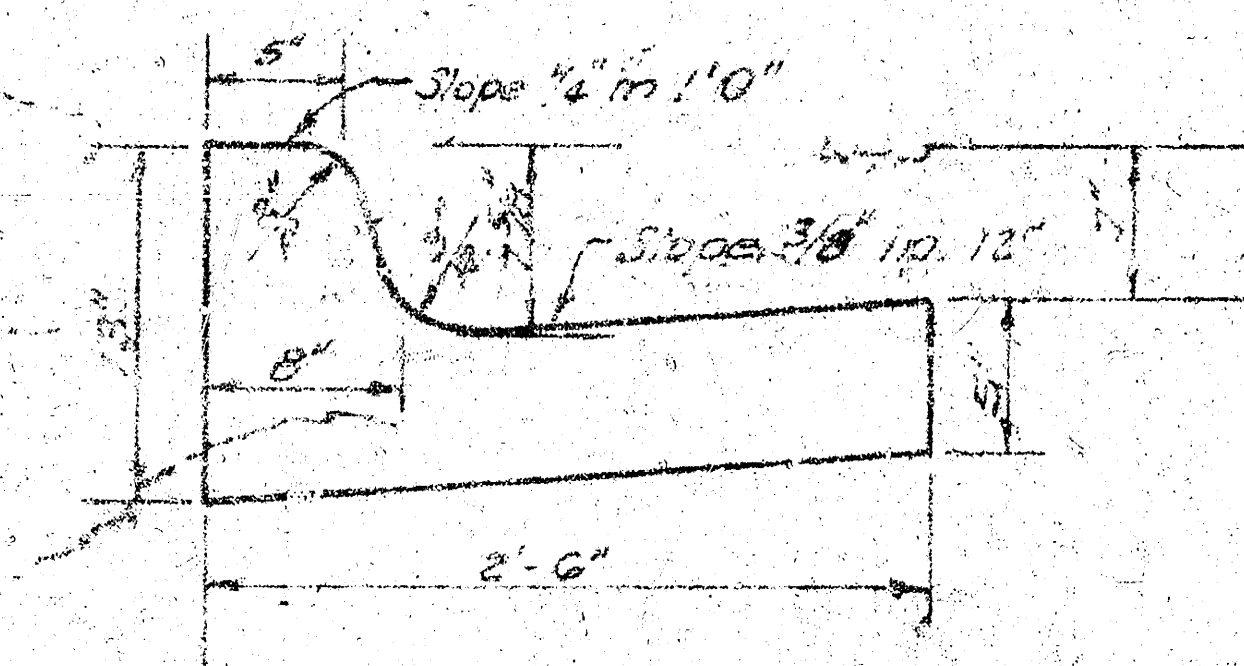
DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



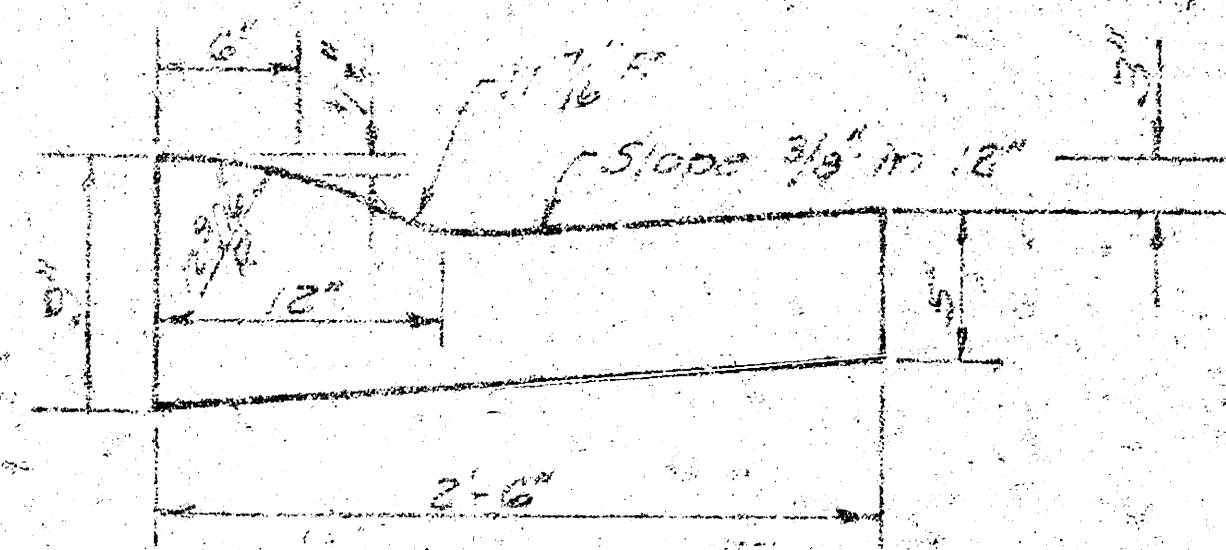
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE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

The A.C. Pavement between the Comb. curb & gutter shall be paid as Sq. Yds. 8\"/>

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



CITY OF WICHITA KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering

Division
 R. W. LINN

CITY ENGINEER

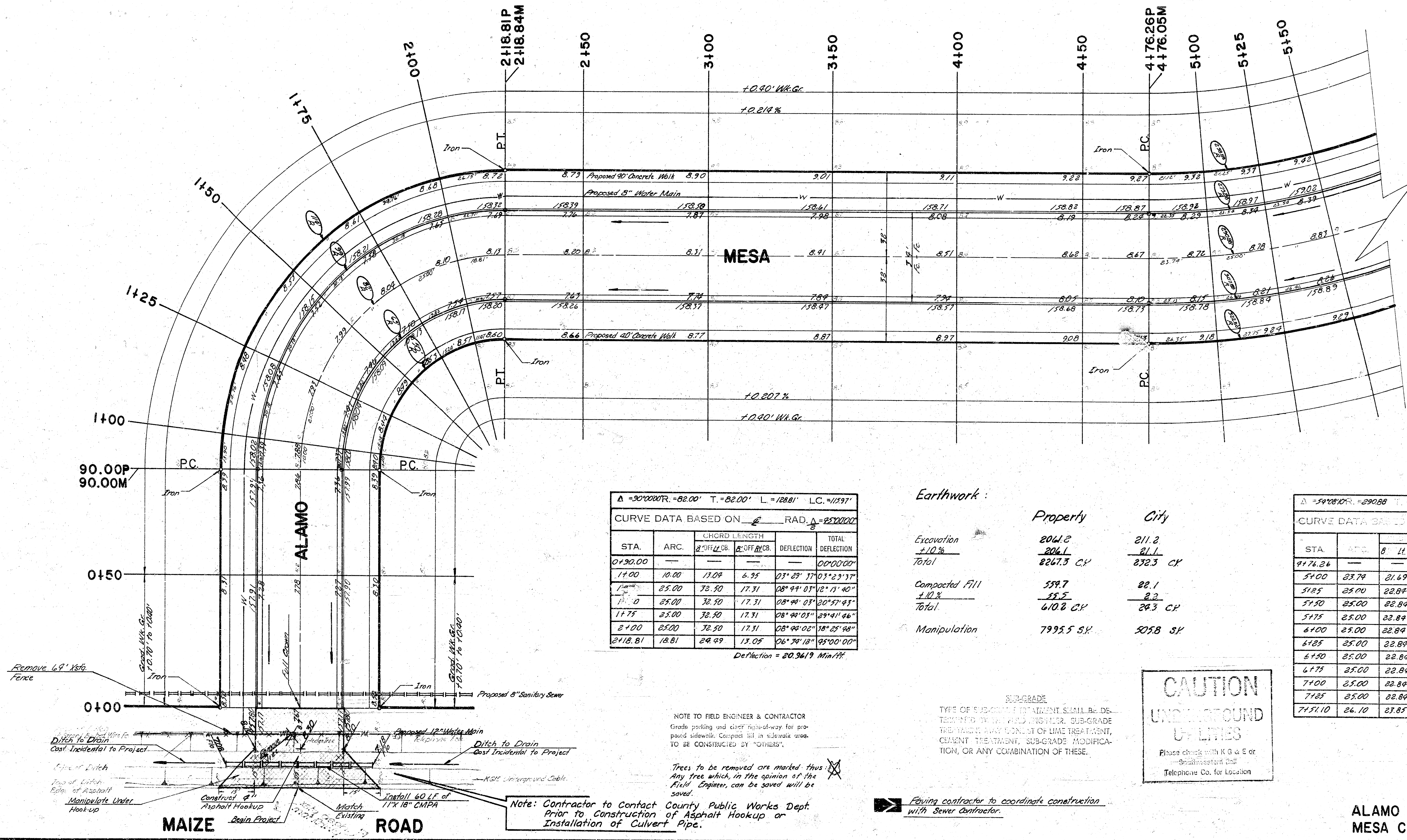
DATE

Proj. No. **DAKS5577022**



158.84 R.R. Spike in West face of Power Pole on East side of Maize Road at Alamo.
 158.26 R.R. Spike in West face of Power Pole on South side of Drive to Resurrection Cemetery at East side of Maize Road.
 S Q. Alamo - Mesa - 16TH

Scale: 1" = 20'



Δ = 90°00'00" R. = 82.00' T. = 82.00' L. = 12881' LC. = 11597'

CURVE DATA BASED ON $\frac{1}{2}$ RAD. Δ = 90°00'00"

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8" OFF R.C.B.	8" OFF P.C.B.		
0+90.00	—	—	—	—	00°00'00"
1+00	10.00	17.04	6.95	03°29'37"	03°29'37"
1+50	25.00	38.50	17.31	08°44'03"	12°13'40"
2+00	25.00	38.50	17.31	08°44'03"	20°57'43"
2+18.81	18.81	24.99	13.05	06°34'12"	27°31'55"

Deflection = 20.9619 Min/100'

NOTE TO FIELD ENGINEER & CONTRACTOR
 Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area to be constructed by "OTHERS".

Trees to be removed are marked with X. Any tree which, in the opinion of the Field Engineer, can be saved will be saved.

Note: Contractor to Contact County Public Works Dept. Prior to Construction of Asphalt Hookup or Installation of Culvert Pipe.

Earthwork:

Excavation
 +10%
 Total

Compacted Fill
 +10%
 Total

Manipulation

Property	City
2061.2	211.2
206.1	21.1
8267.3 CY	232.3 CY
559.7	22.1
55.5	2.2
610.8 CY	24.3 CY
7995.5 SY	505.8 SY

Δ = 59°08'10" R. = 290.88' T. = 148.65' L. = 274.84' LC. = 264.73'

CURVE DATA BASED ON $\frac{1}{2}$ RAD. Δ = 59°08'10"

STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8" OFF R.C.B.	8" OFF P.C.B.		
4+76.26	—	—	—	—	00°00'00"
5+00	23.74	21.69	25.77	02°20'17"	02°20'17"
5+25	25.00	22.84	27.14	02°27'44"	04°48'01"
5+50	25.00	22.84	27.14	02°27'44"	07°15'45"
5+75	25.00	22.84	27.14	02°27'44"	09°43'29"
6+00	25.00	22.84	27.14	02°27'44"	12°11'13"
6+25	25.00	22.84	27.14	02°27'44"	14°38'56"
6+50	25.00	22.84	27.14	02°27'44"	17°06'40"
6+75	25.00	22.84	27.14	02°27'44"	19°34'24"
7+00	25.00	22.84	27.14	02°27'44"	22°02'08"
7+25	25.00	22.84	27.14	02°27'44"	24°29'52"
7+51.10	26.10	23.85	28.37	02°34'13"	27°04'05"

Deflection = 59.092 Min/100'

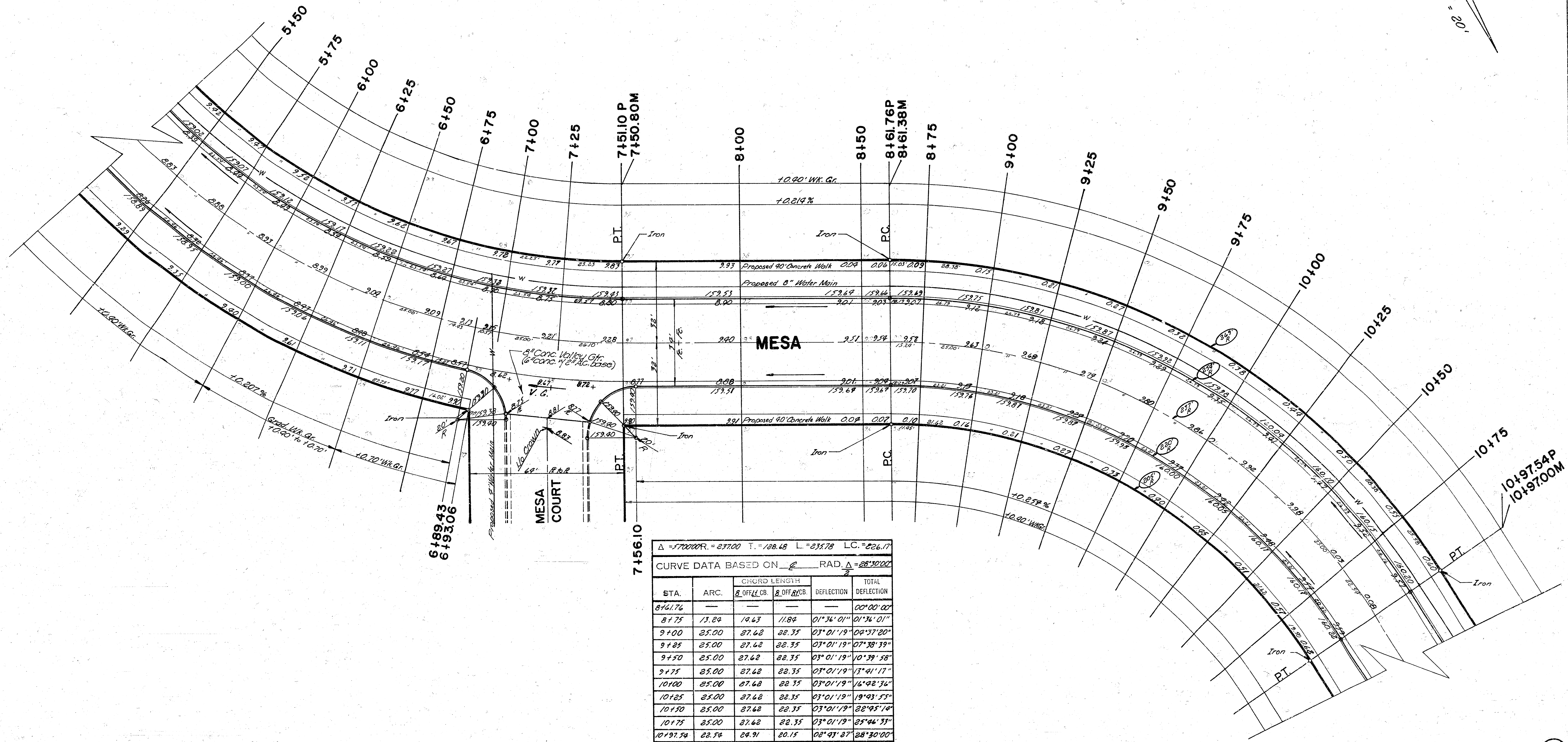
CAUTION
 UNDERGROUND
 UTILITIES
 Please check with K & E or
 San Antonio Bell
 Telephone Co. for location

→ Having contractor to coordinate construction with Sewer Contractor.

ALAMO - MESA - 16TH -
 MESA COURT

* R.R. Spike in West face of Power Pole on East side of Maize Road at Alamo.
 * R.R. Spike in West face of Power Pole on South side of Drive to Resurrection Cemetery at East side of Maize Road.
 Alamo - Mesa - 16TH

Scale: 1" = 20'



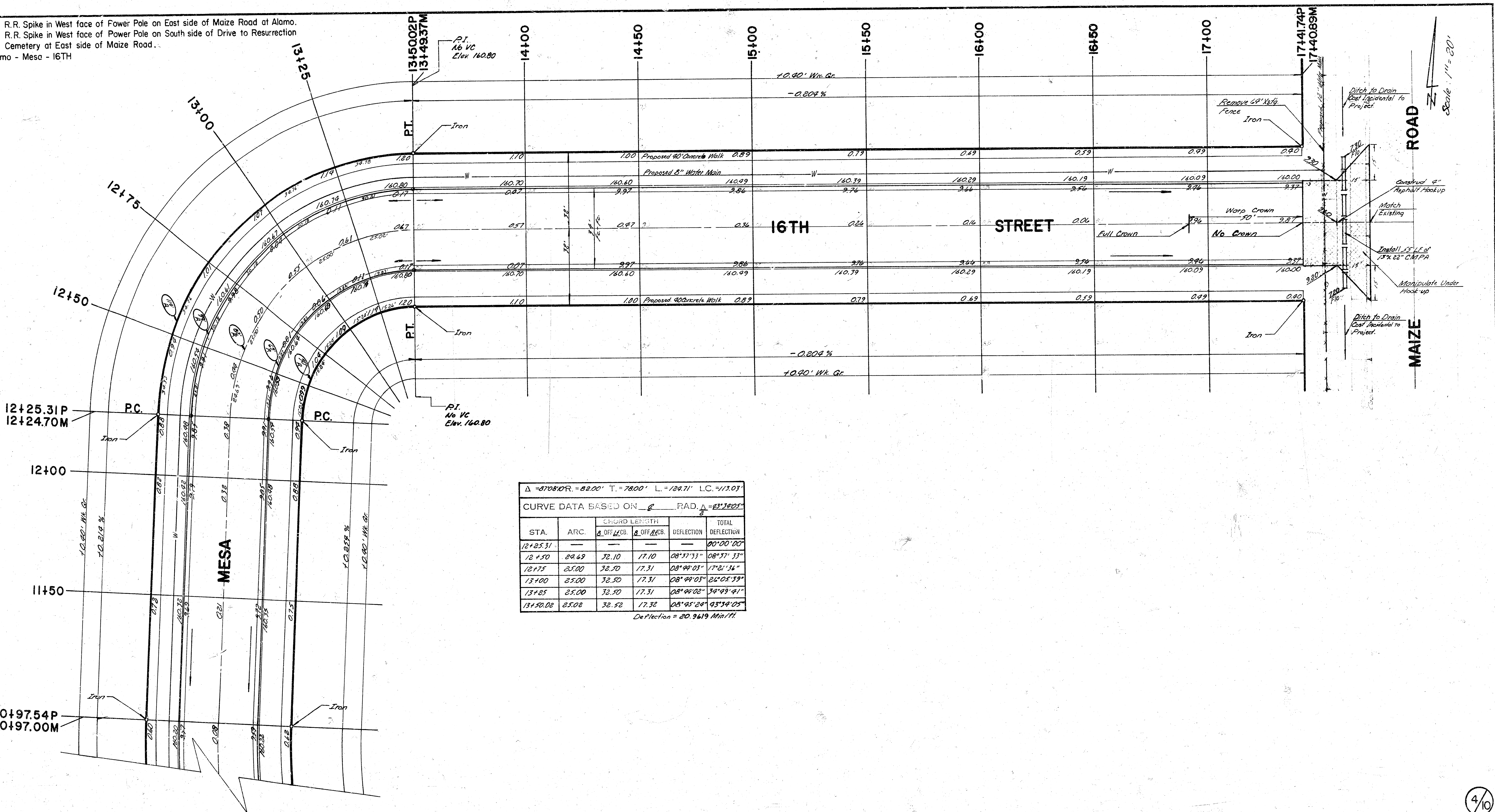
$\Delta = 57.0000^\circ$ $R = 297.00$ $T = 138.48$ $L = 235.78$ $LC = 826.17$

CURVE DATA BASED ON $\frac{1}{2}$ RAD. $\Delta = 28.5000^\circ$

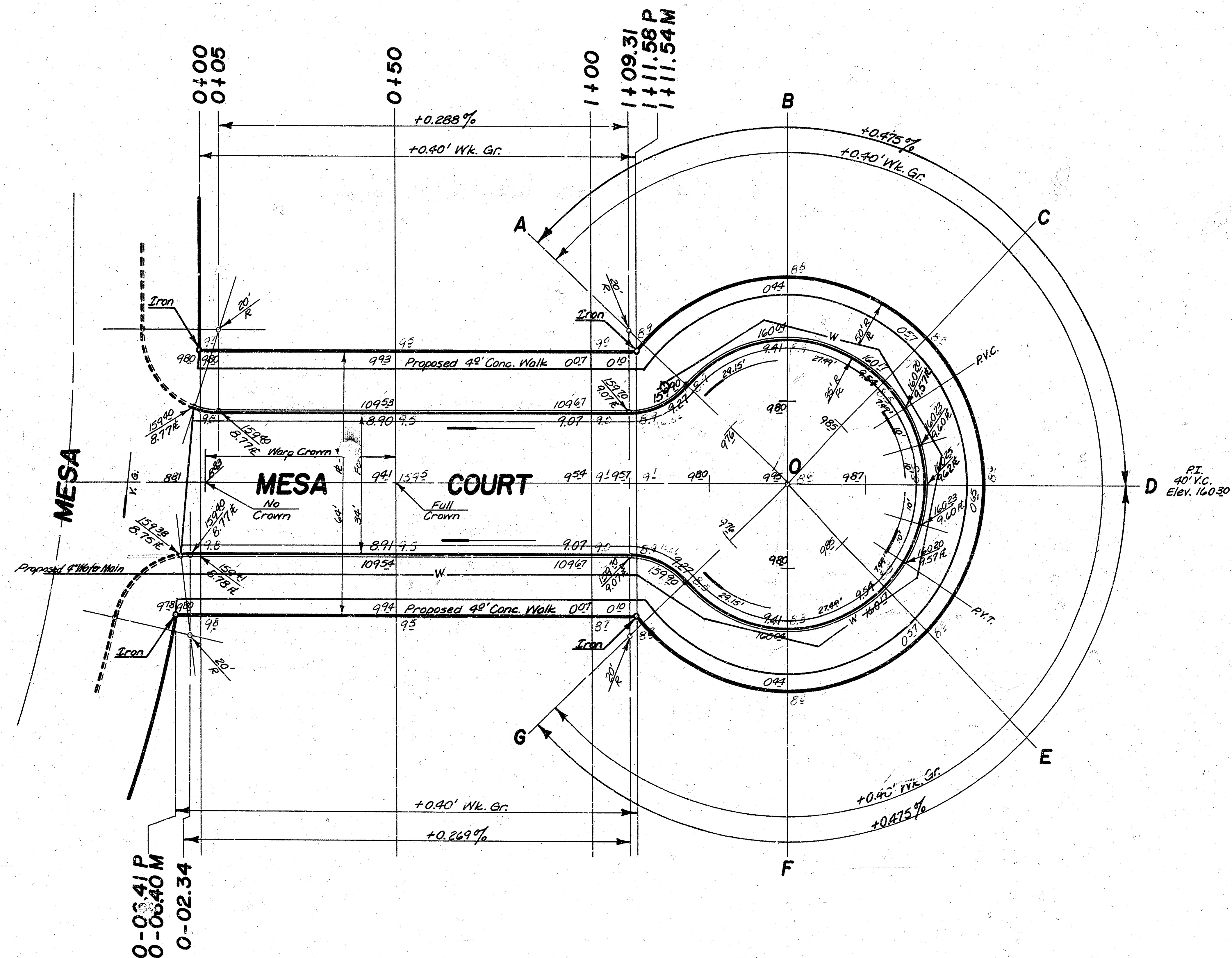
STA.	ARC.	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		2 OFF. H. CB.	2 OFF. H. CB.		
8+61.76	—	—	—	—	00°00'00"
8+75	13.24	14.63	11.84	01°36'01"	01°36'01"
9+00	25.00	27.62	22.35	03°01'19"	04°37'20"
9+25	25.00	27.62	22.35	03°01'19"	07°38'39"
9+50	25.00	27.62	22.35	03°01'19"	10°39'58"
9+75	25.00	27.62	22.35	03°01'19"	13°41'17"
10+00	25.00	27.62	22.35	03°01'19"	16°42'36"
10+25	25.00	27.62	22.35	03°01'19"	19°43'55"
10+50	25.00	27.62	22.35	03°01'19"	22°45'14"
10+75	25.00	27.62	22.35	03°01'19"	25°46'33"
10+97.54	22.54	24.91	20.15	02°47'27"	28°30'00"

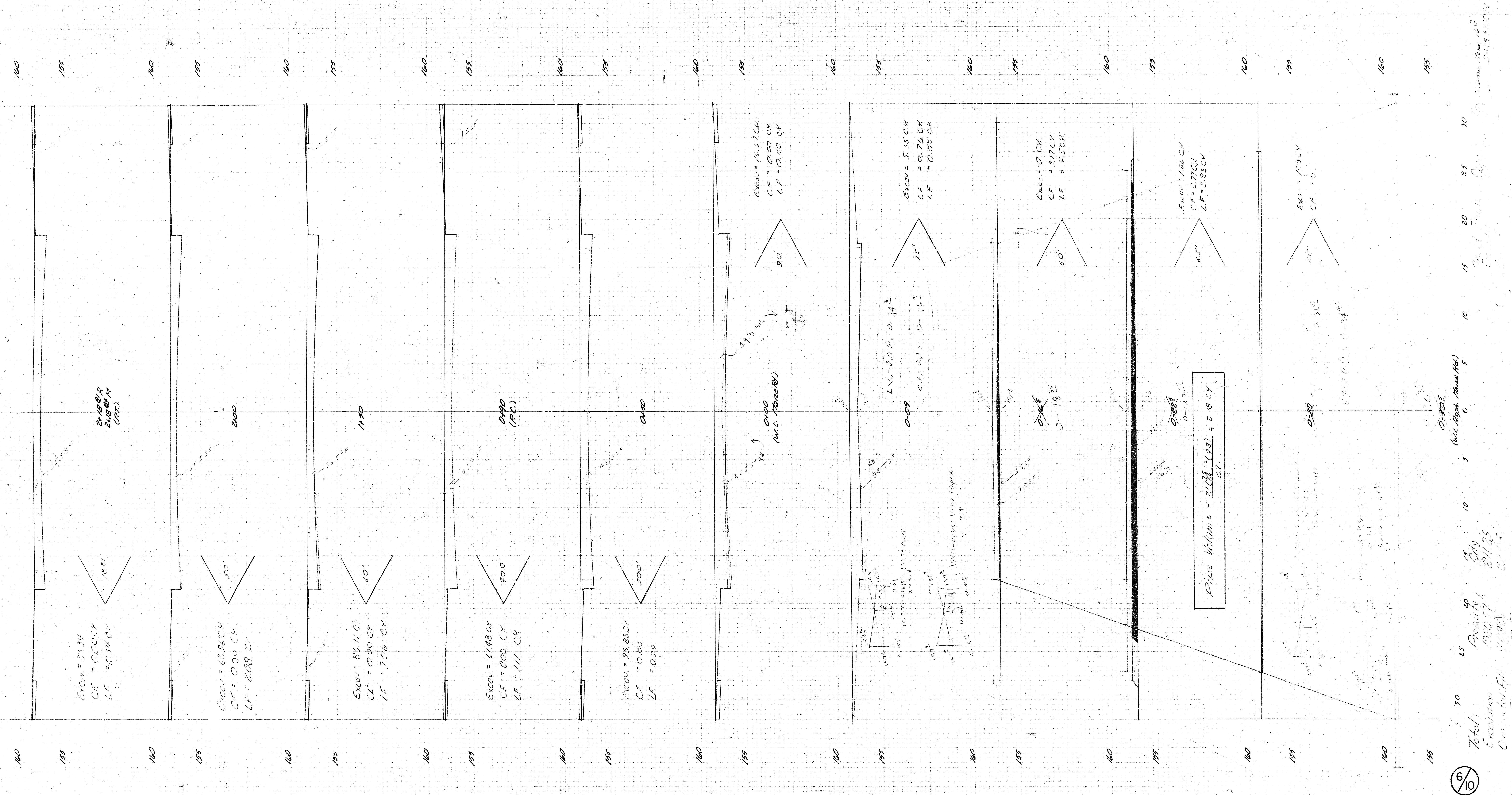
Deflection = 7.2524 Min 1/4"

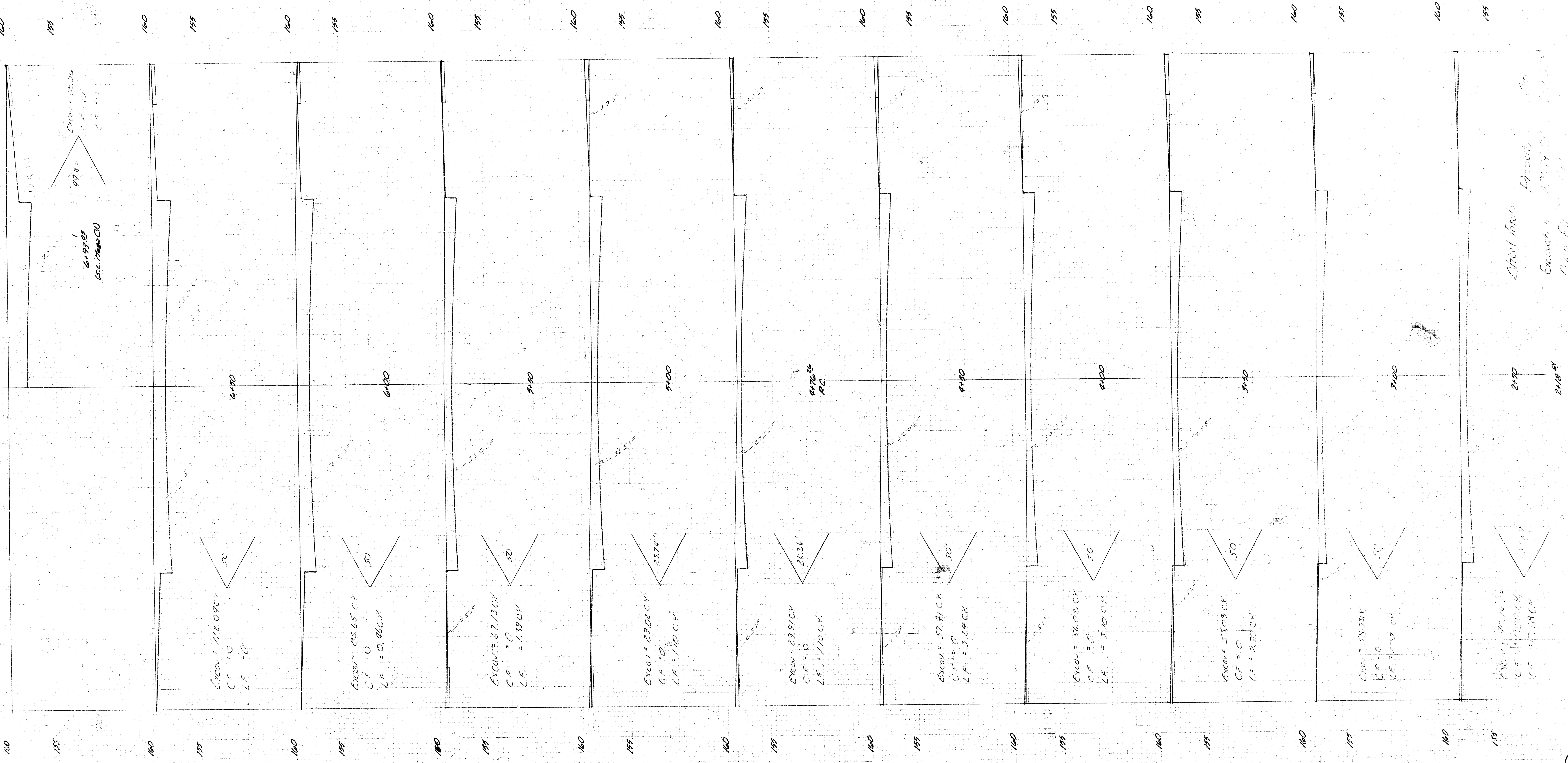
R.R. Spike in West face of Power Pole on East side of Maize Road at Alamo.
 R.R. Spike in West face of Power Pole on South side of Drive to Resurrection
 Cemetery at East side of Maize Road.
 mo - Mesa - 16TH



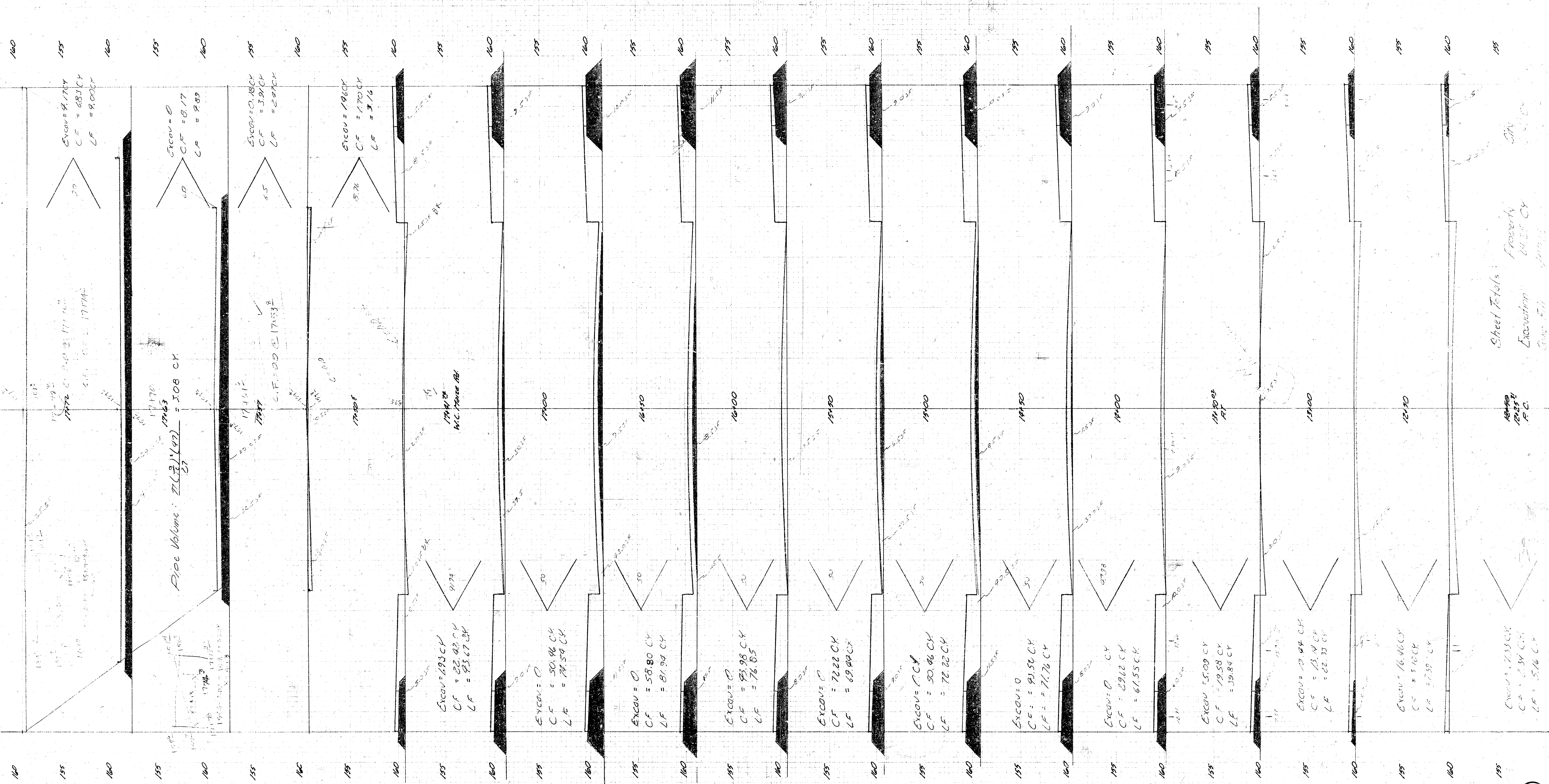
B.M. = 158.84 R.R. Spike W. Fc. P.P. E. S. Maize Rd. @ Alamo
 B.M. = 158.26 R.R. Spike W. Fc. P.P. S.S. Drive to Resurrection Cemetery @ E. S. Maize Rd.
 $\overline{P}$ is N. L. Mesa Court





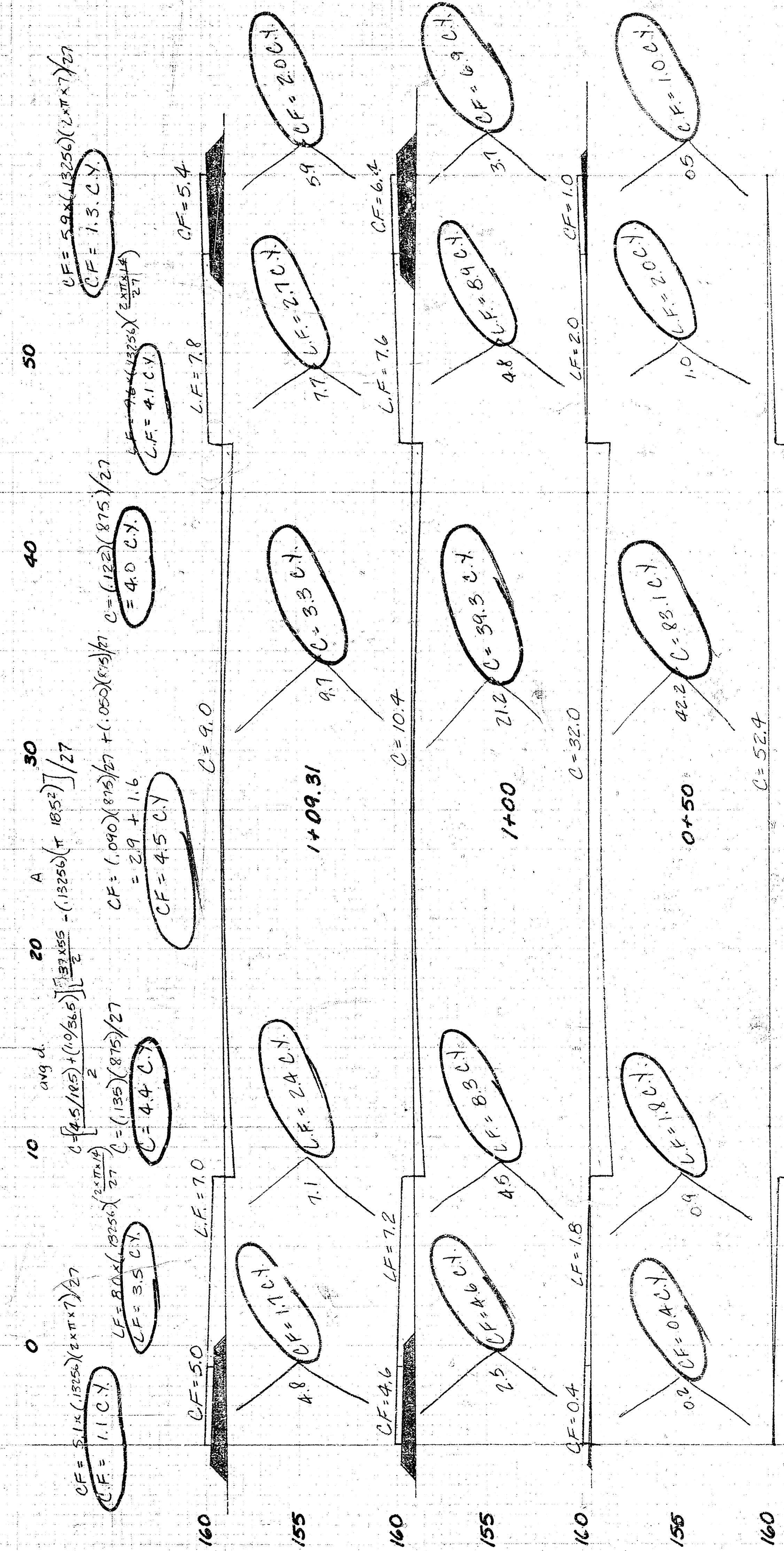
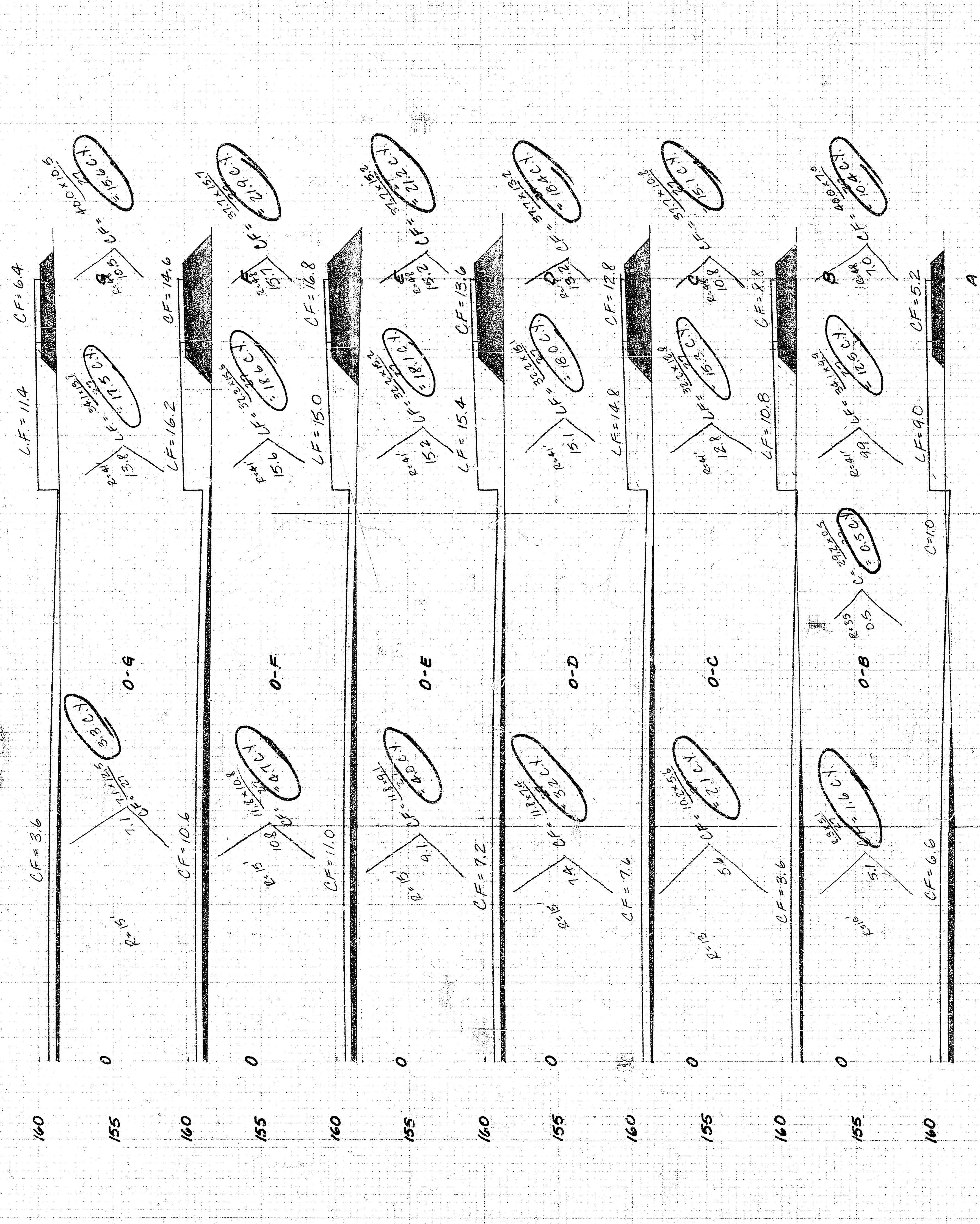


Sheet Totals
Excavation 597.40
Cuts 1.77



Sheet Totals:
Excavation 124.55 CY
Fill 100.00 CY

124.55
P.C.



0-08.20
E.L. Mesa

30 40 50 60

Mesa Court
DANS 573022

Sheet Totals
Prop. Excavation 4,124.6 CY