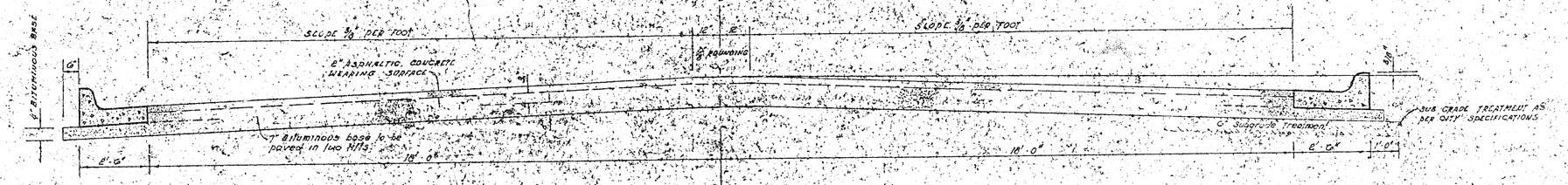
FUNSTON STREET

E.L. LONGFELLOW LN.-W.L. ROCK, RD.

472-76-245-80219-000-000-001

DAKS574011



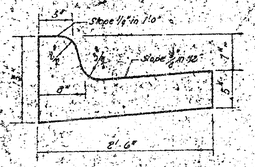
TYPICAL SECTION

41' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

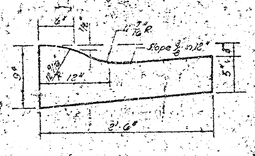
A TACK COAT OF EMULSIFIED ASPHALT SS-1H SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

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 SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

COMBINED CURB & GUTTER



ROLL TYPE CURB & GUTTER



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 P.C. pavement between the comb curb & gutter shall be paid as 90 yds 9" A.C. pavement (7" Bituminous Base). The Bituminous base under the comb curb & gutter shall be paid as 50 yds 6" Bituminous Base.

CHRIS J. BREITENSTEIN LICENSED 8206 KANSAS PROFESSIONAL ENGINEER

CITY OF WICHITA, KANSAS

DEPARTMENT of PUBLIC WORKS - Engineering Division.

R.W. LINN CITY ENGINEER

DATE _____ Proj. No.

1/5

FILMED FROM THE BEST AVAILABLE COPY .....

B.M. 162.96 "D" NORTH END EAST RETURN AT LONGFELLOW

SCALE 1"=10'

LONGFELLOW

FUNSTON

0+00 P.C.V.C. +1.994%

0+25

0+51.89 P.I. 191.76 Non-Sym. V.C. 38.65' & 98.11 Tan. El. 164.39

1+00

1+50 P.T.V.C. -1.6767%

2+00

2+50

3+00 P.I.V.C. 25' V.C. 160.25 ELEV. -1.0609%

3+50

W.M. GR. +1.0'

W.M. GR. +1.0'

-1.6525%

-1.0628%

P.C.V.C. P.T.V.C.

P.C.V.C. P.I. 0+51.89 P.I. 168.24 Non-Sym. V.C. 98.11' & 50.13' Tan. El. 164.77

P.T.V.C. P.I.V.C. 25' V.C. 160.63 ELEV.

Δ 5°01'W. - 59.12 T - 25.96 L - 51.89 LC - 51.87

CURVE DATA BASED ON ℄ RAD. Δ/2 = 2°30'32"					
STA.	ARC.	CHORD LENGTH @ 25' ARCS.	CHORD LENGTH @ OFF SCR.	DEFLECTION	TOTAL DEFLECTION
0+00	-	-	-	0°00'00"	0°00'00"
0+25	25	24.98	23.81	1°12'41"	1°12'41"
0+51.89	26.89	25.14	25.61	1°18'11"	2°30'52"

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

	PROPERTY			
EXCAVATION	2960.3 C.Y.		EXCAVATION	89.5 C.Y.
+10%	295		+10%	8.9
TOTAL	3255.3 C.Y.		TOTAL	98.0 C.Y.
COMPACTED FILL	0		COMPACTED FILL	10.7 C.Y.
			+10%	1.1
			TOTAL	11.8 C.Y.

GENERAL NOTES

COMMERICAL

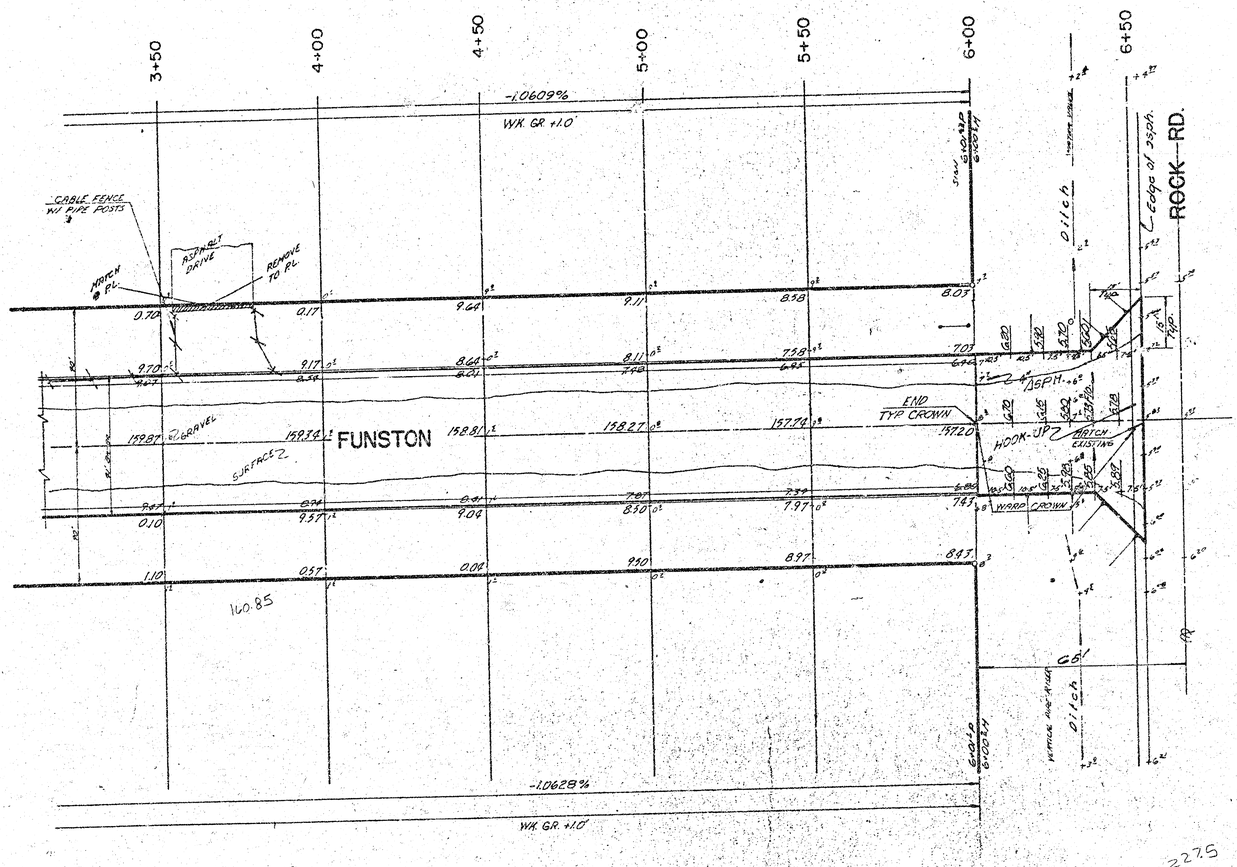
1. ALL DRIVES ARE TO BE CONSTRUCTED USING (6) SACK CONCRETE WITH REINFORCING STEEL AS PER DETAIL ON SHEET 3.
2. FIELD ENGINEER IS TO CROSS-SECTION THE AREA BETWEEN THE W.L. OF ROCK RD AND THE PAVEMENT EDGE BEFORE AND AFTER CONSTRUCTION.
3. ALL BACK SLOPES IN ABOVE MENTIONED AREA ARE TO HAVE A 4:1 SLOPE.

FUNSTON ST.
E.L. LONGFELLOW - W.L. ROCK RD.
DAKS574011 2/5

Survey Data
Plan & Estimate
Plat & Agreement
Checked

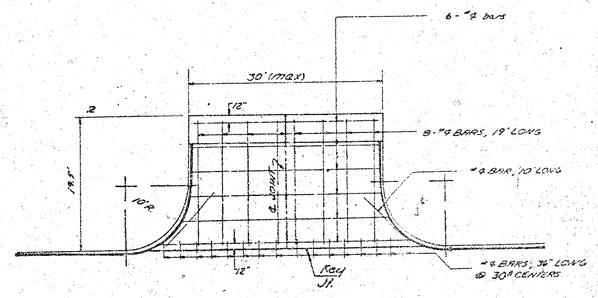
FILMED FROM THE BEST AVAILABLE COPY

B.M. 16296 "□" NO. END OF EAST RETURN, TOP OF CURB
B.L. IS C.L. FUNSTON R/W



SCALE: 1"=20'

DETAIL FOR REINF. STEEL FOR R/W
INDUSTRIAL, RADIUS-TYPE DRIVE
SCALE: 1"=10'



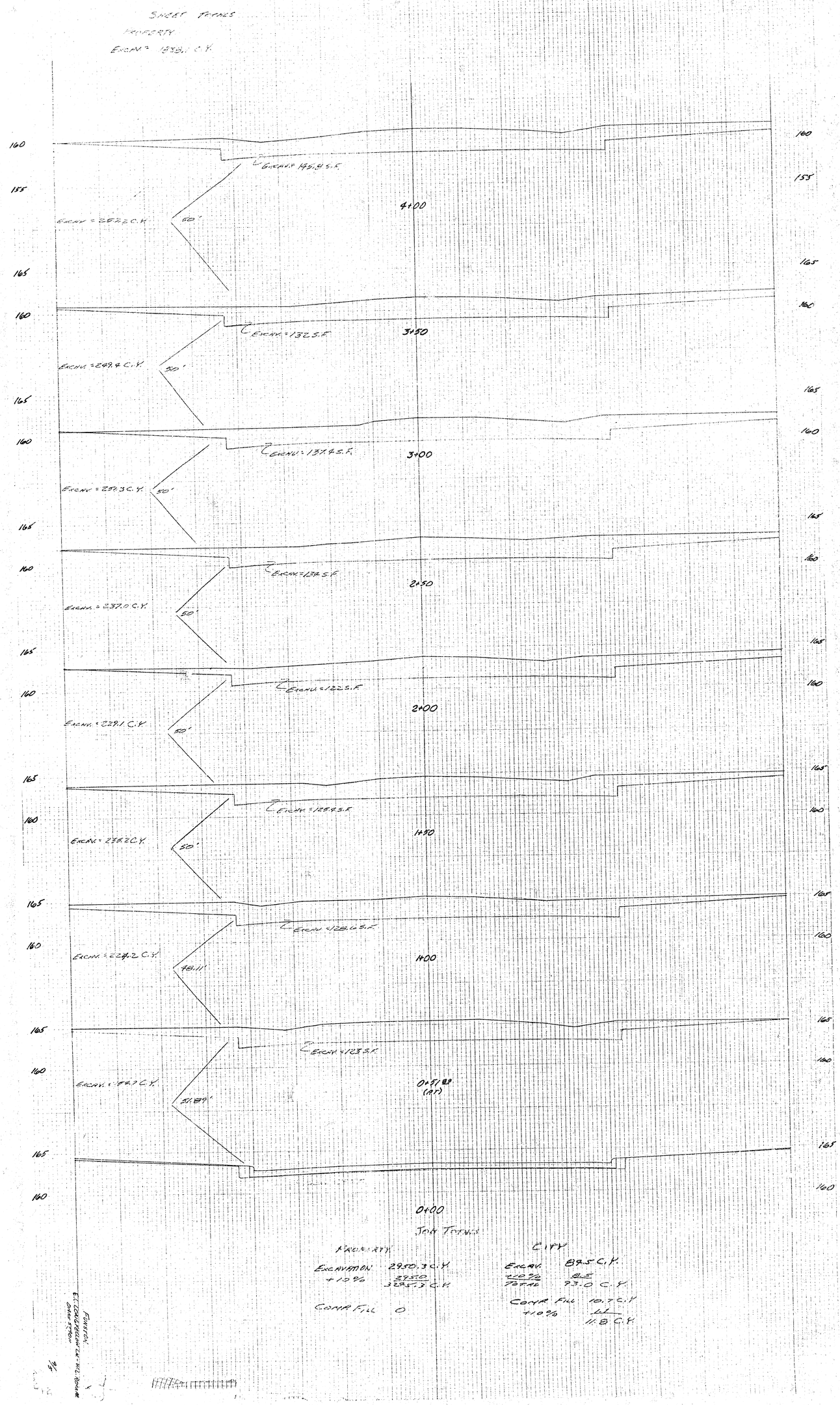
FUNSTON ST.
E.L. LONGFELLOW – W.L. ROCK RD.
DAK557401

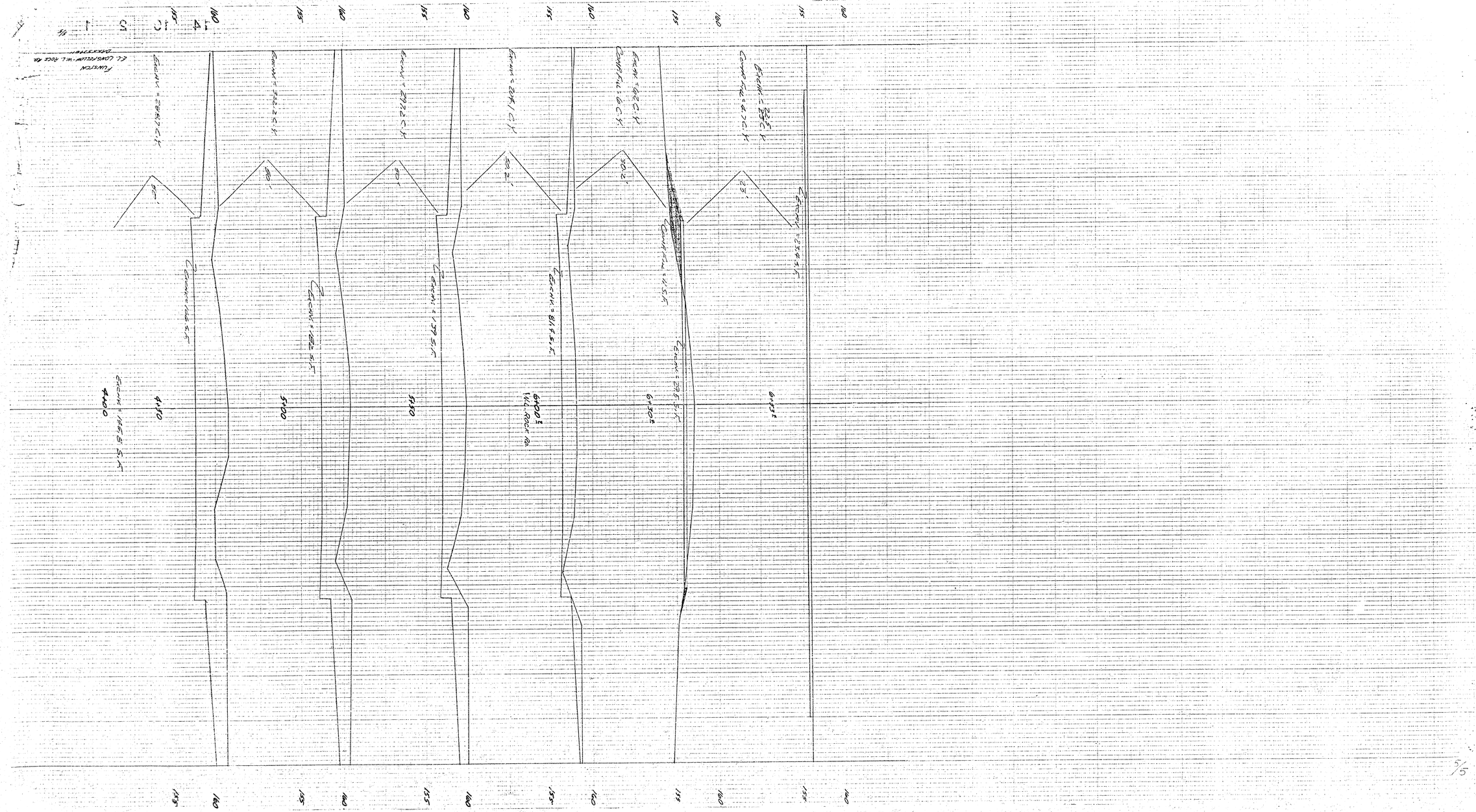
3/5

FILMED FROM THE BEST AVAILABLE COPY

FILMED FROM THE BEST AVAILABLE COPY

SHEET TOTALS
PROPERTY
EXCAV.= 1939.1 C.Y.


160
155
165
160
165
160
165
160
168
160
165
160
165
160
165


Fuston
EL. 1048'-WL. Rock at
Elev. 4880 ft
Elev. 4900 ft
Elev. 4920 ft
Elev. 4940 ft
Elev. 4960 ft
Elev. 4980 ft
Elev. 5000 ft
Elev. 5020 ft
Elev. 5040 ft
Elev. 5060 ft
Elev. 5080 ft
Elev. 5100 ft
Elev. 5120 ft
Elev.