	ARC	8' OFF N. CO.	8' OFF S. CO.	DEFLECTION	TOTAL DEFLECTION
					0° 00' 00"
	25'	24.58'	25.42'	0° 31' 15"	0° 31' 15"
	25'	24.58'	25.42'	0° 31' 15"	1° 02' 30"

DEFLECTION = 1.25000 MIN/FT

3°40' R. = 65' T. = 34.57' L. = 68.16' LC. = 67.67'

VE DATA BASED ON 165' ℄ F.AD. Δ/2 = 11° 50' 00"

	ARC	CHORD LENGTH 8' OFF N. CO.	CHORD LENGTH 8' OFF S. CO.	DEFLECTION	TOTAL DEFLECTION
PC					0° 00' 00"
	34.08	29.40'	38.83'	5° 55' 00"	5° 55' 00"
PT	34.08	29.40'	38.83	5° 55' 00"	11° 50' 00"

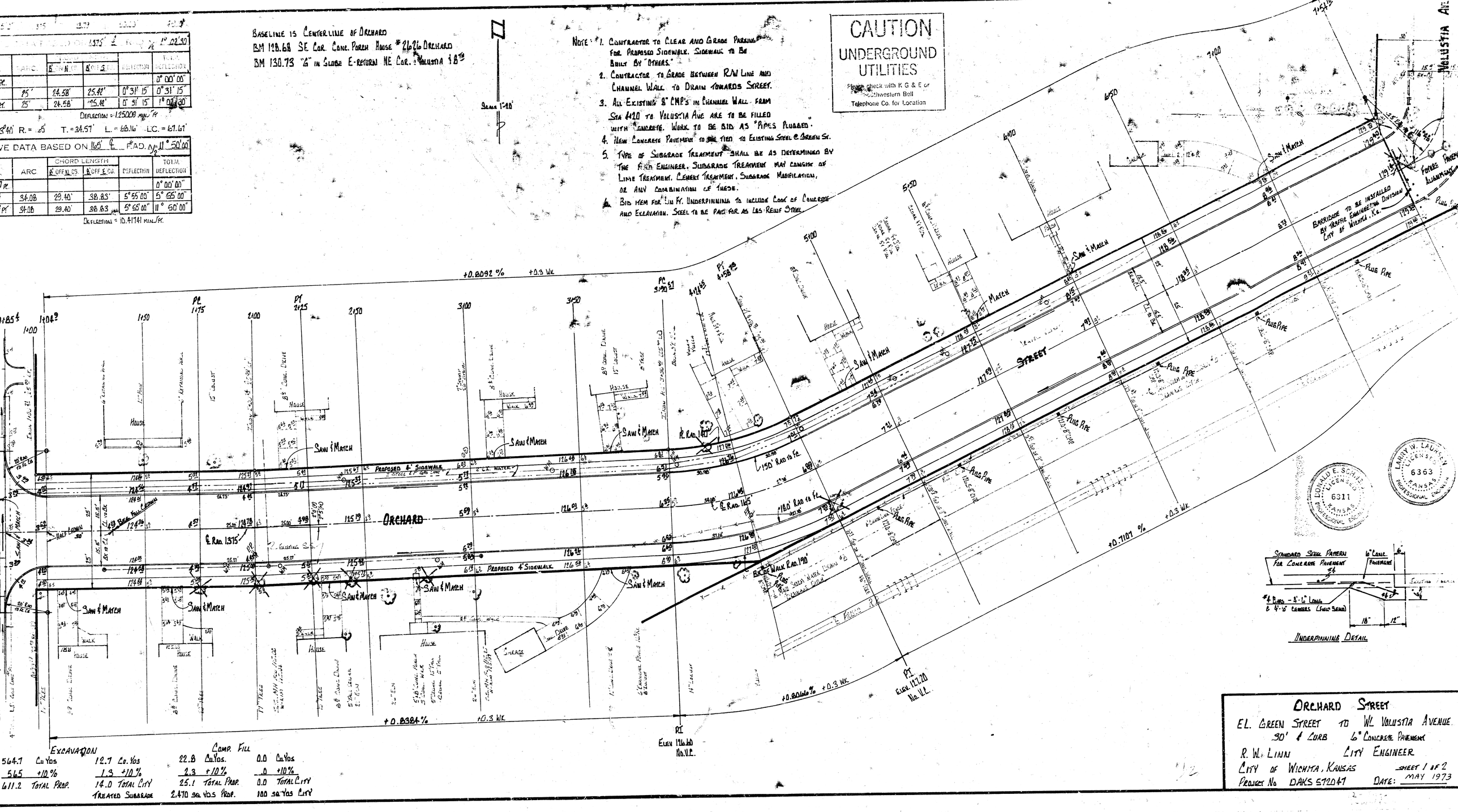
DEFLECTION = 10.41741 MIN/FT.

BASELINE IS CENTERLINE OF ORCHARD
BM 128.68 SE COR. CONC. PORCH HOUSE #2626 ORCHARD
BM 130.73 "G" IN GLOBE E-RETURN NE COR. VOLUSTIA & 8TH

Scale 1"=20'

NOTE:
1. CONTRACTOR TO CLEAR AND GRADE PARKING FOR PROPOSED SIDEWALK. SIDEWALK TO BE BUILT BY "OTHERS."
2. CONTRACTOR TO GRADE BETWEEN R/W LINE AND CHANNEL WALL TO DRAIN TOWARDS STREET.
3. ALL EXISTING 8" CMP'S IN CHANNEL WALL FROM STA 4+20 TO VOLUSTIA AVE ARE TO BE FILLED WITH CONCRETE. WORK TO BE BID AS "PIPES PLUGGED".
4. NEW CONCRETE PAVEMENT TO BE TIED TO EXISTING STEEL @ GREEN ST.
5. TYPE OF SUBGRADE TREATMENT SHALL BE AS DETERMINED BY THE FIELD ENGINEER. SUBGRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUBGRADE MODIFICATION, OR ANY COMBINATION OF THESE.
6. BID ITEM FOR LIN FT. UNDERPINNING TO INCLUDE COST OF CONCRETE AND EXCAVATION. STEEL TO BE PAID FOR AS LBS REINF STEEL.

CAUTION
UNDERGROUND UTILITIES
Please check with K G & E or Southwestern Bell Telephone Co. for Location



UNDERPINNING DETAIL

EXCAVATION		COMP. FILL	
564.7 CU YDS	12.7 CU. YDS	22.8 CU. YDS.	0.0 CU YDS
565 +10%	1.3 +10%	2.3 +10%	.0 +10%
611.2 TOTAL PROP.	14.0 TOTAL CITY	25.1 TOTAL PROP.	0.0 TOTAL CITY
	TREATED SUBGRADE	2,470 SQ YDS PROP.	100 SQ YDS CITY

ORCHARD STREET
EL. GREEN STREET TO WL VOLUSTIA AVENUE
30' & CURB 6" CONCRETE PAVEMENT
R. W. LINN CITY ENGINEER
CITY OF WICHITA, KANSAS SHEET 1 OF 2
PROJECT NO DAKS 572047 DATE: MAY 1973

DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

LARRY W. LAUREEN LICENSED 6363 KANSAS PROFESSIONAL ENGINEER