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

DEFLECTION = 1.25000 MIN./FT.

R. = 65' T. = 34.57' L. = 66.16' LC. = 61.61'

	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"

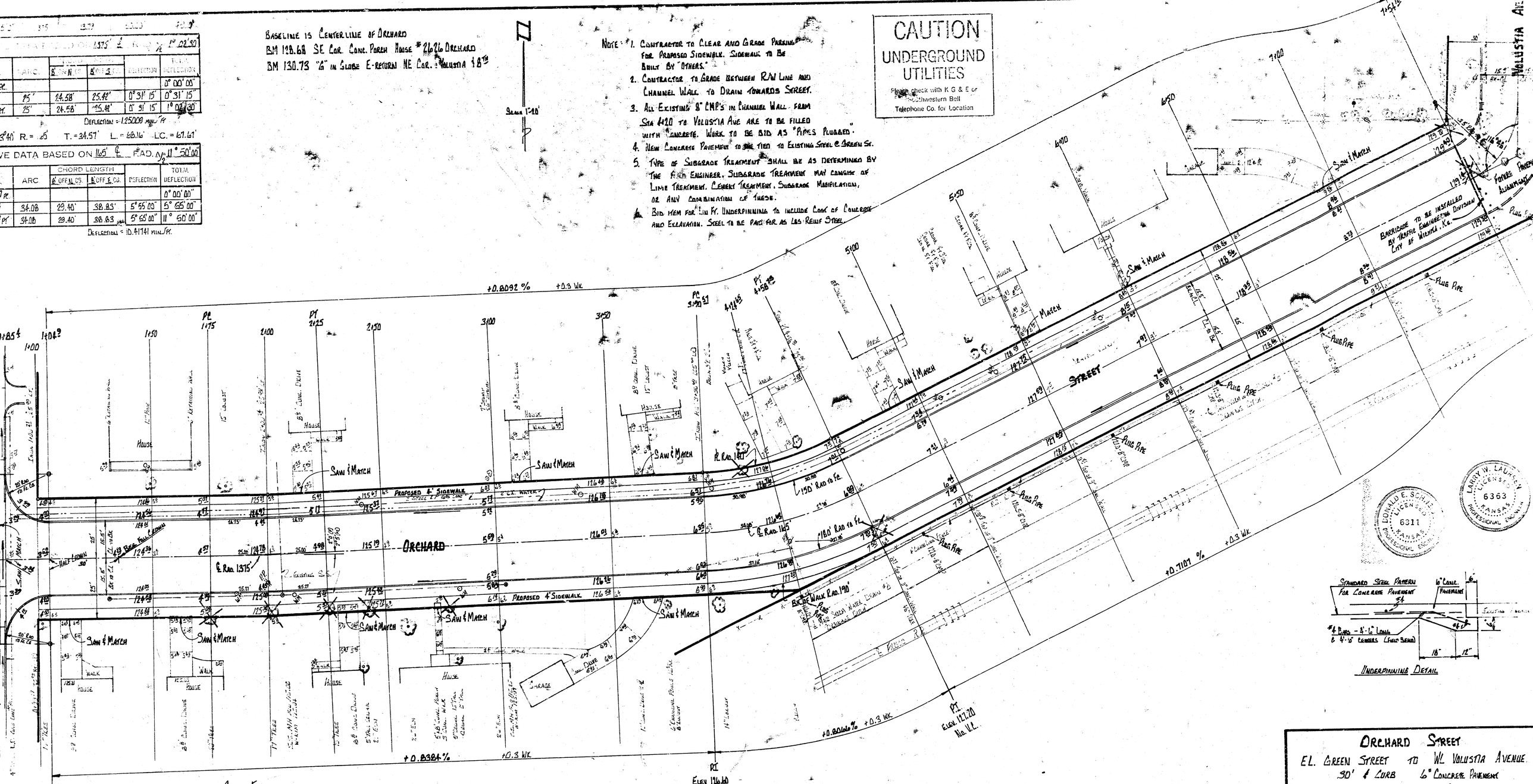
DEFLECTION = 10.41741 MIN./FT.

BASELINE IS CENTERLINE OF ORCHARD
BM 128.68 SE COR. CONC. PORCH HOUSE #2626 ORCHARD
BM 130.73 "G" IN SLOPE E-RETURN NE COR. VOLUSIA & 18TH

SCALE 1"=10'

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 VOLUSIA 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
56.5	+10.%	1.3	+10.%
611.2	TOTAL PROP.	14.0	TOTAL CITY
		TREATED SUBGRADE	

22.8	CU YDS.	0.0	CU YDS
2.3	+10.%	.0	+10.%
25.1	TOTAL PROP.	0.0	TOTAL CITY
2,470	SQ. YDS PROP.	100	SQ. YDS CITY

ORCHARD STREET
E.L. GREEN STREET TO W.L. VOLUSIA 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. SCHIEF LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

LARRY W. LAUTSEN LICENSED 6363 KANSAS PROFESSIONAL ENGINEER