

ARC	CHORD	CHORD	DEFLECTION	TOTAL
IN	FEET	FEET	IN	FEET
15	24.58	25.40	0° 31' 15"	0° 00' 00"
25	24.58	25.40	0° 31' 15"	0° 00' 00"

DEFLECTION = 125009 MIN/IN

340 R = 65 T = 24.51 L = 66.16 LC = 67.61

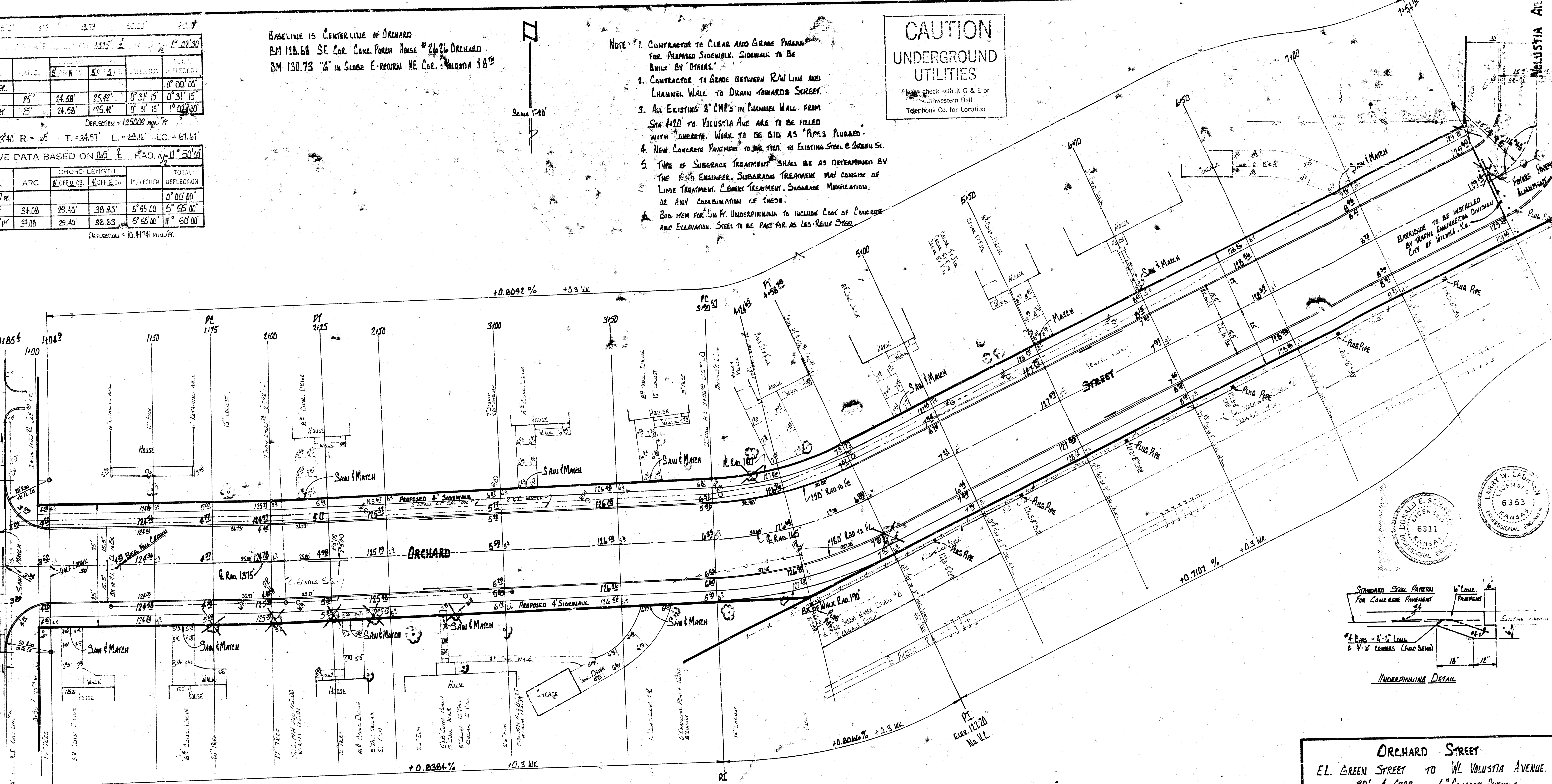
ARC	CHORD	CHORD	DEFLECTION	TOTAL
IN	FEET	FEET	IN	FEET
34.08	29.40	38.83	5° 55' 00"	5° 55' 00"
34.08	29.40	38.83	5° 55' 00"	11° 50' 00"

DEFLECTION = 10.4141 MIN/IN

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

- 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 4120 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 STREET 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. PI. UNDERPINNING TO INCLUDE COST OF CONCRETE AND ELEVATION. STEEL TO BE PAID FOR AS LBS. REIN. STEEL.

CAUTION
 UNDERGROUND
 UTILITIES
 Check with K & E or
 Southwestern Bell
 Telephone Co. for Location



STANDARD STEEL PATTERN FOR CONCRETE PAVEMENT

UNDERPINNING DETAIL

EXCAVATION	Comp. Fill
564.7 Cu Yds	12.7 Cu Yds
565 +10%	1.3 +10%
611.2 TOTAL PROP.	14.0 TOTAL PROP.
	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
 PROJECT No. DAKS 572041 DATE: MAY 1973