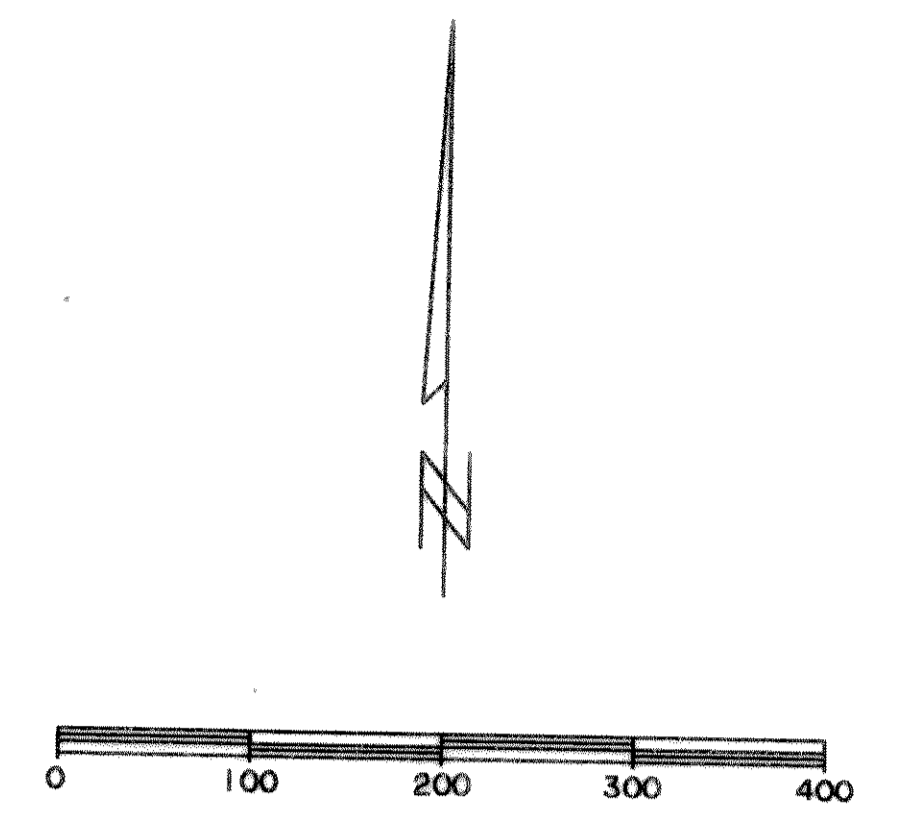
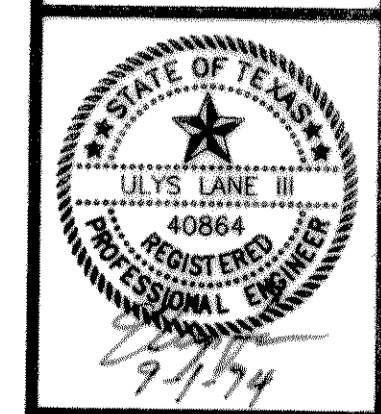


**CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS**

**OFF-SITE
 DRAINAGE AREA
 MAP**



LEGEND

X_1	DRAINAGE AREA DESIGNATION
85.80	DRAINAGE AREA ACRES
Δ	DESIGN POINT
---	DRAINAGE AREA DIVIDE
---	ZONING DIVIDE

DRAINAGE AREA DESIGNATION	C = 0.50	C = 0.80	'CxA'
X_1	19.8	66.0	62.70
X_2	8.41	3.03	6.63
X_3	16.03	---	8.02
X_4	---	5.30	4.24

DESIGN POINT	INCREMENTAL DRAINAGE AREA	INCREMENTAL 'CxA'	TOTAL 'CxA'	t_c (min.)	l_{100}	Q_{100}	COMMENTS
A	X_4	4.24	81.59	16.7	8.9	726	
B	X_2 & X_3	14.65	77.35	15	9.1	704	DOWNSTREAM OF CULVERT
C	X_1	62.70	62.70	15	9.1	571	DRAINS THROUGH CULVERT

* AREA C-1 THRU C-12 REFER TO ON SITE DRAINAGE AREA MAP DESIGN FOR Q_{100} . TOTAL 'CxA' = 8.02. DIRECTED TO DESIGN POINT B DOWNSTREAM OF CULVERT CROSSING
 ** AREA C-1 THRU D-8 & C-13 DESIGNED FOR Q_{100} . TOTAL 'CxA' = 6.63.

