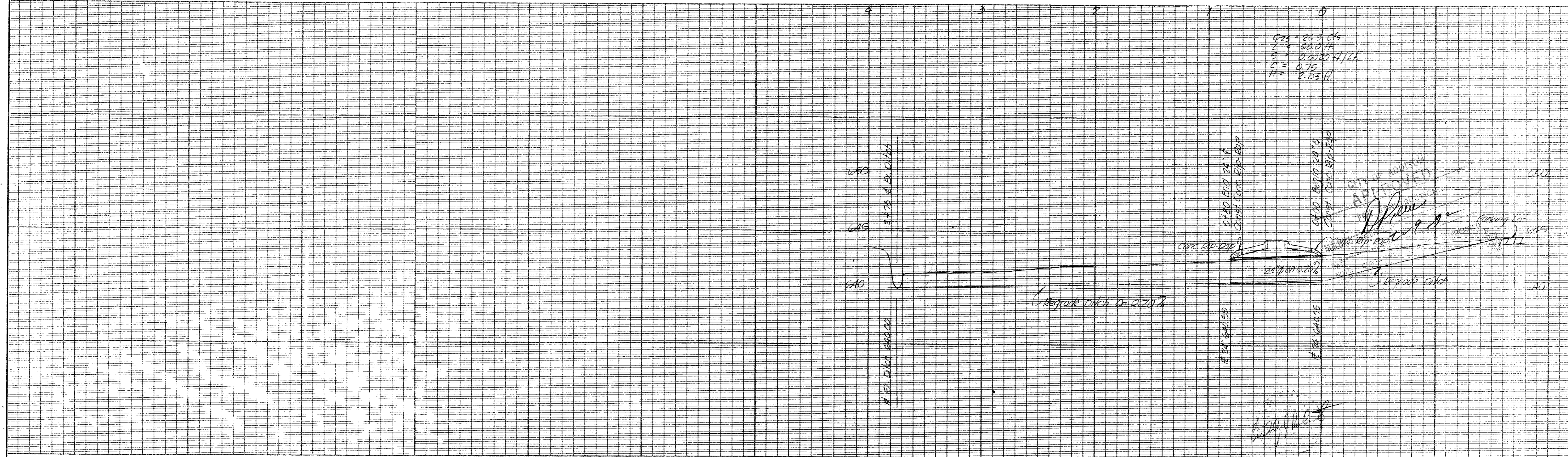
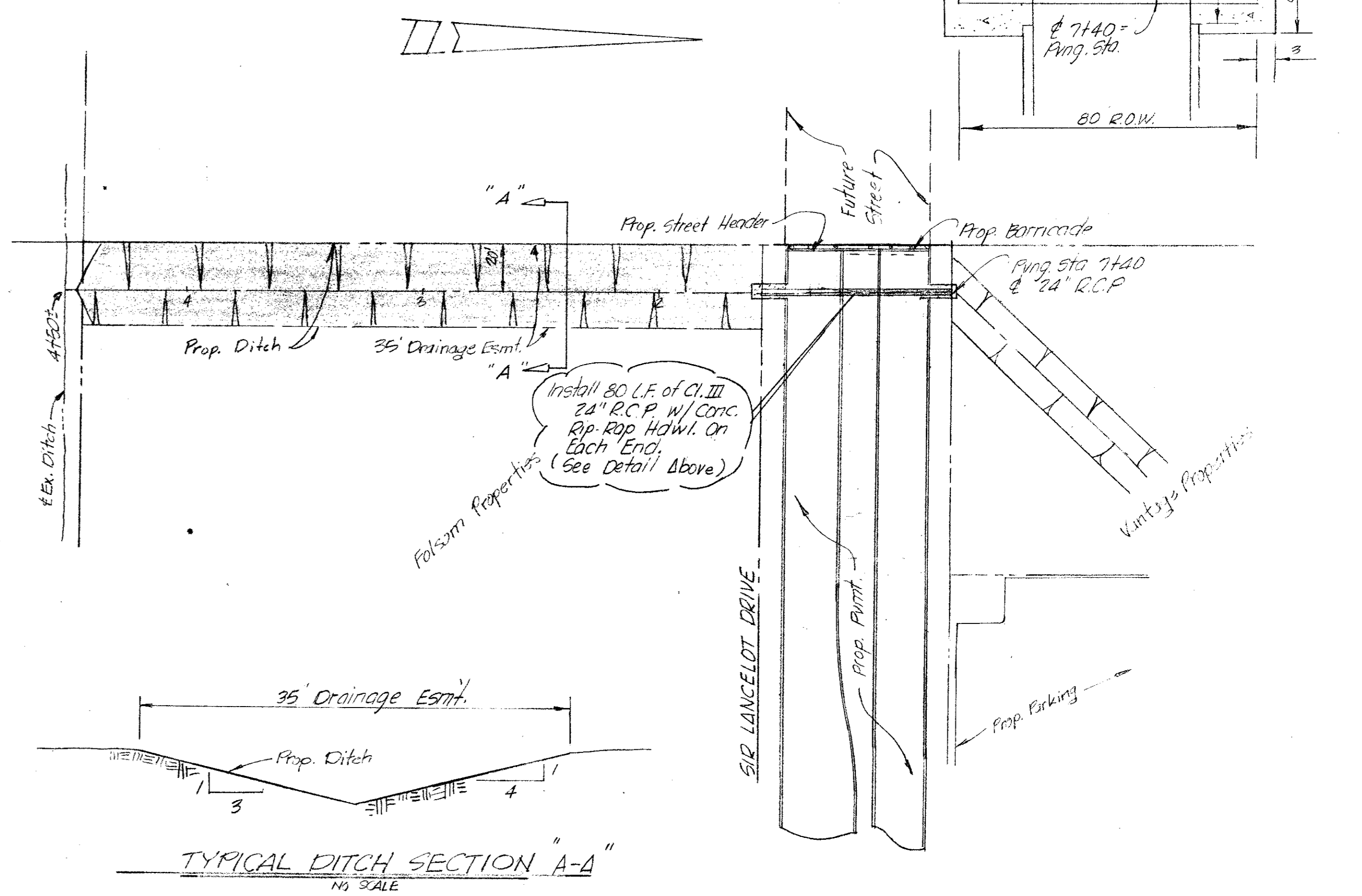
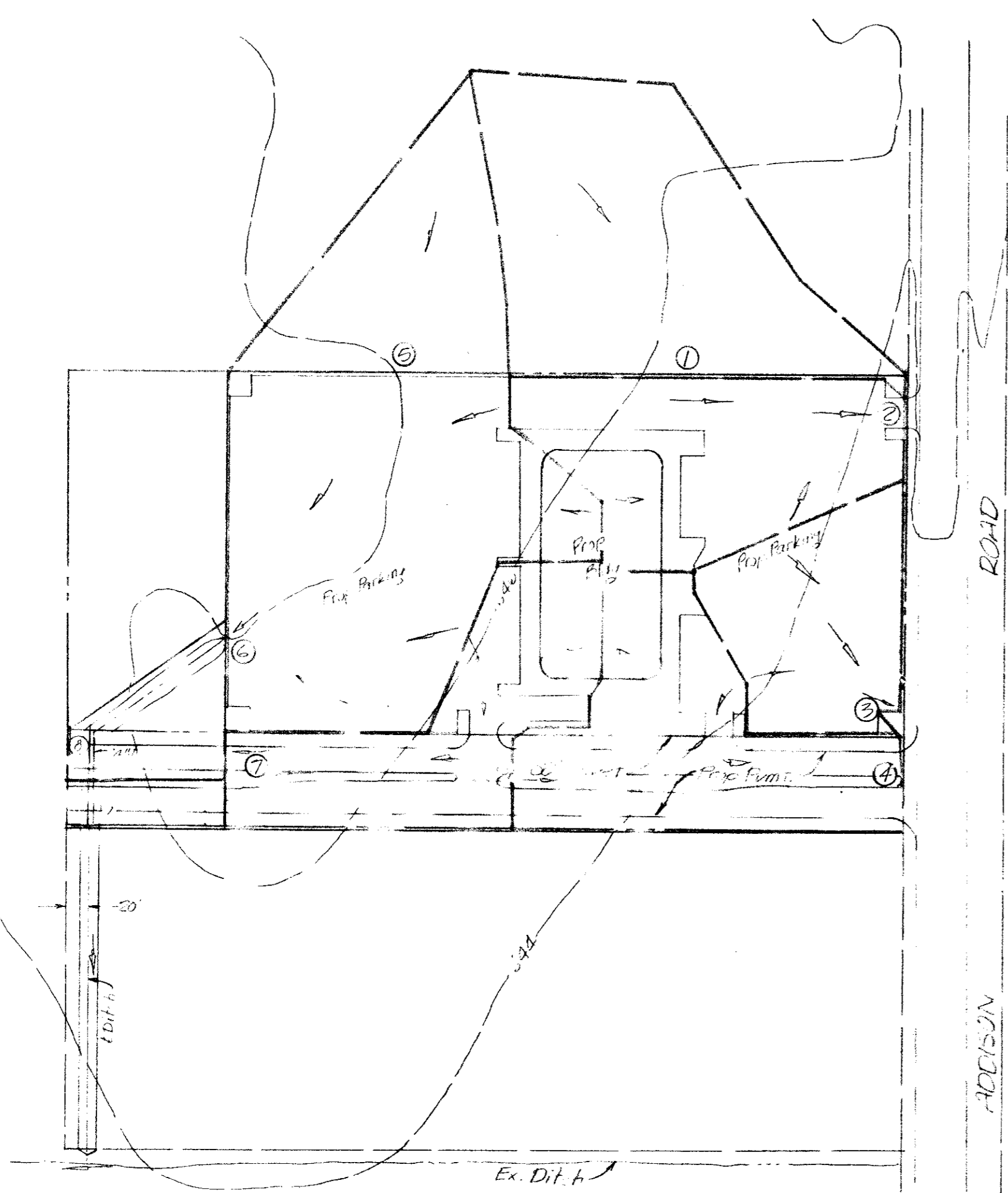


DRAINAGE DATA							
DRAINAGE AREA	AREA (acres)	Cumm. Area (acres)	C	tc (min)	Isc (%/hr)	Q ₂₅ (cfs)	Cumm. Q ₂₅ (cfs)
1	1.43		0.90	10.0	9.25	12.3	
2	1.06		0.90	10.0	9.25	8.8	
		2.54	0.90	10.0	9.25		21.1
3	0.66		0.90	10.0	9.25	5.5	
4	0.72		0.90	10.0	9.25	6.0	
5	0.75		0.90	10.0	9.25	6.2	
6	1.21		0.90	10.0	9.25	15.1	
		2.56	0.90	10.0	9.25		21.3
7	0.83		0.90	10.0	9.25	6.9	
8	0.26	3.23	0.90	10.0	9.25	2.7	26.9
9	0.10	0.52	1.90	10.0	9.25	0.8	4.3

*Cumm. Areas 5, 6, 8 & 9 of 7
Cumm. Areas 7 & 9 of 7*

NOTE: Drainage Area Map scale is 1"=100'



revision	date
DEEPEN DITCH	10-6-81
CHANGED AREAS & DATA	12-21-81
Add 24" Culvert	12-18-81
Changed Length of 24" R.C.P., Increased ROW	1-7-82

arp ACREY ROBERTS PIERSON INC.
DALLAS (214) 699-7916
consulting engineers

DRAINAGE PLAN
THE ATRIUM
ADDISON, TEXAS

design	drawn	date	scale	notes
ARP	WA	11-2-81	1/4"=1'-0"	AS

sheet 1/1