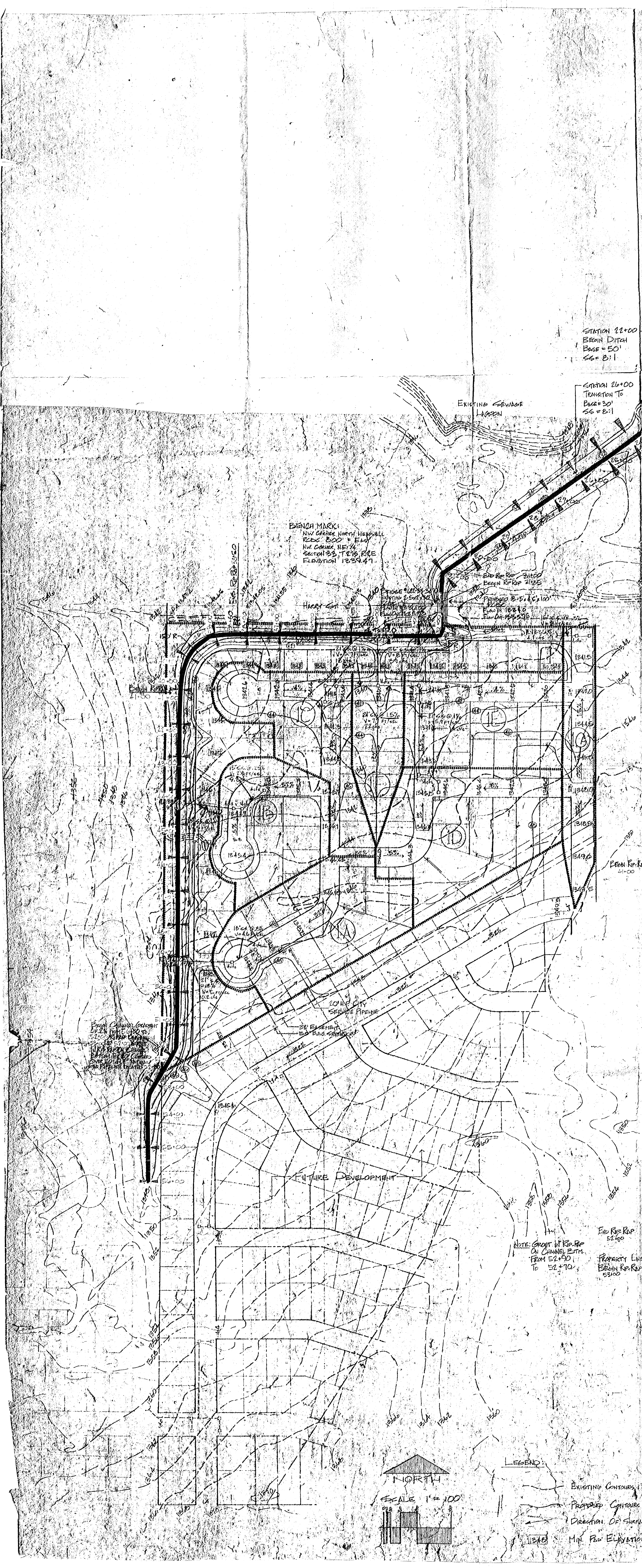
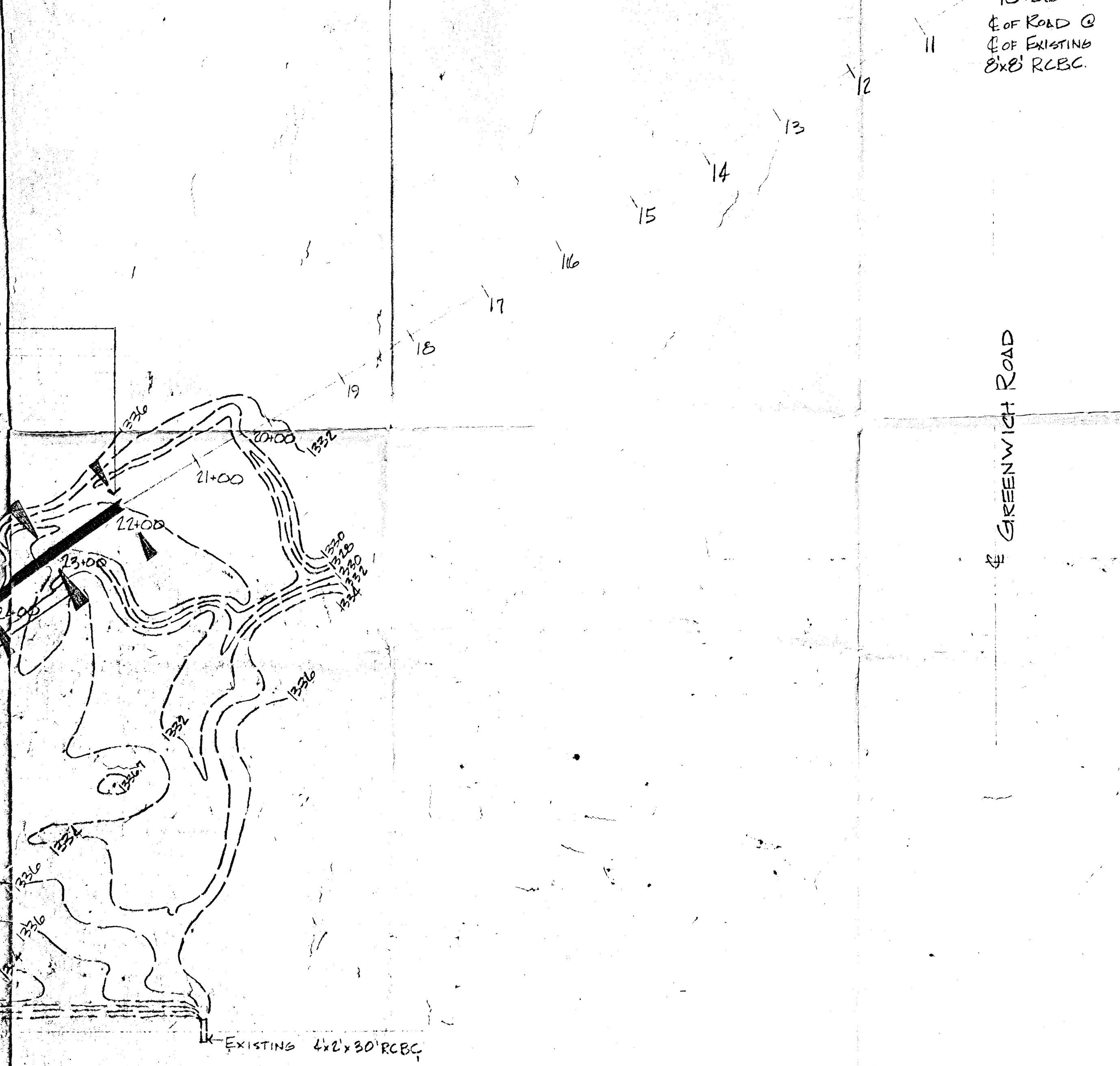
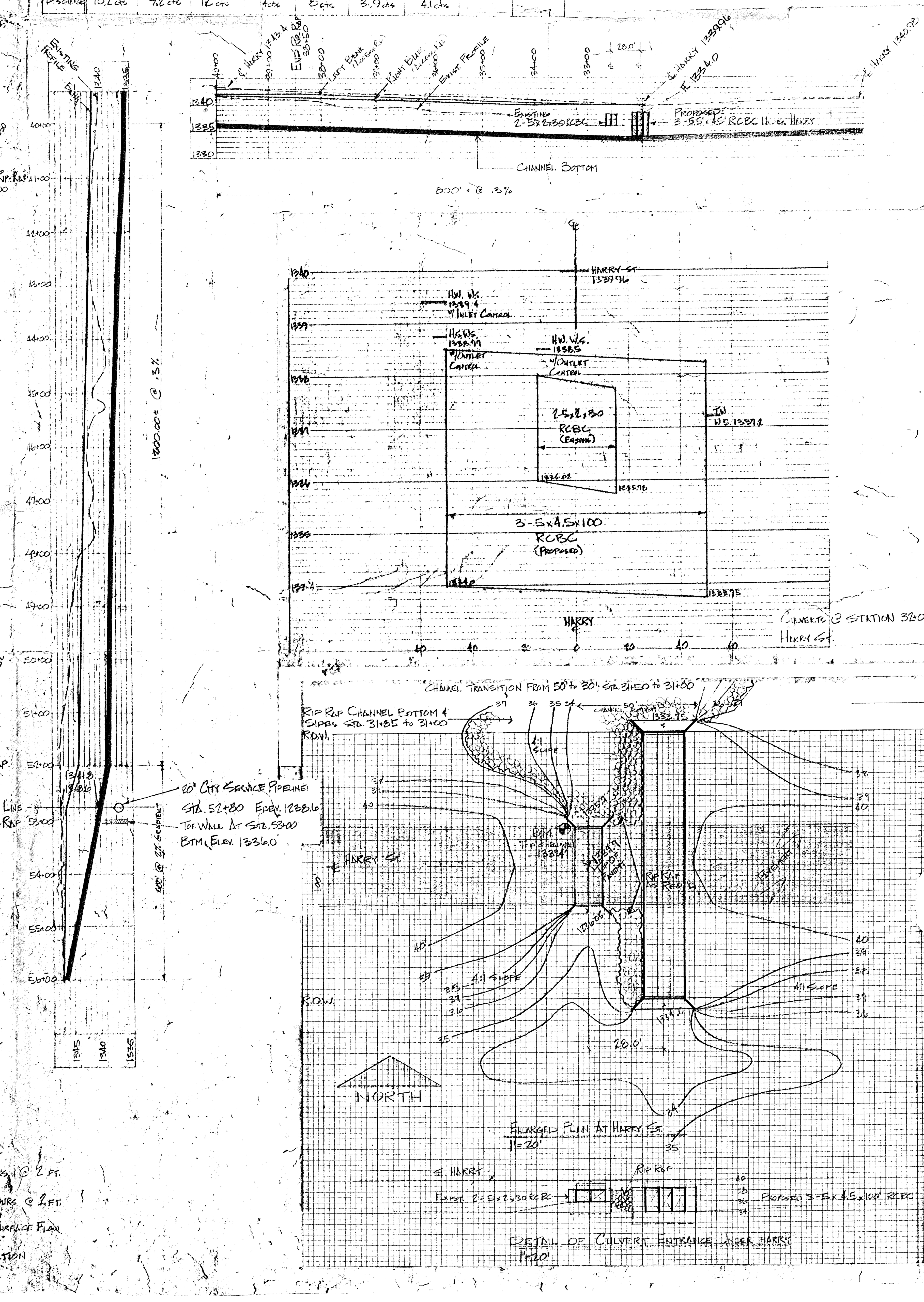




PARCEL	1A	1B	1C	1D	1E	1F	1G	1H	TOTAL
AREA	4.3 ACRE	3.2	4.5	4.8	3.1	1.25	1.6	7.51	30.26
C	.5	.5	.5	.5	.5	.5	.5	DRAINS DIRECT INTO DITCH	
l	600'	450'	600	500	600	500	800		
h	2'	3'	3.5	4.8'	3.6'	6.2	8.0'		
Tc	10 MIN	6 MIN	8 MIN	6 MIN	8 MIN	5 MIN.	8 MIN.		
$I_{2yr.}$	4.75	5.80	5.18	5.80	5.18	6.23	5.18		
DISCHARGE	10.2 cfs	9.2 cfs	12 cfs	14 cfs	8 cfs	3.9 cfs	4.1 cfs		

1. A minimum Tc of 15 min can be used to calculate runoff.
2. Suggest to add one inlet across the St. in Parcel 1G
3. Suggest to size pipe to handle 100 yr flow for the stretch between lots, so that no swale is required.
4. Is there appropriate drainage dedication north of Harry?
5. North line does not have enough gradience for the slope specified.

URH 1/23/81



AMERICAN LANDMARK CORPORATION
SMITHMOORE ADDITION
DRAINAGE DETAILS

LAWRENCE E. WELLS
A R C H I T E C T
254 LAURA, SUITE 205 WICHITA, KANSAS 67211

DATE Feb 27 1980
DRAWN
CHECKED
REVISED

REVISIONS: 3-10-80 Add Contours; 10-24-80 Add Culvert Details Under Harry

JOB NO. 423
PLAN D
SHEET 1 of 4