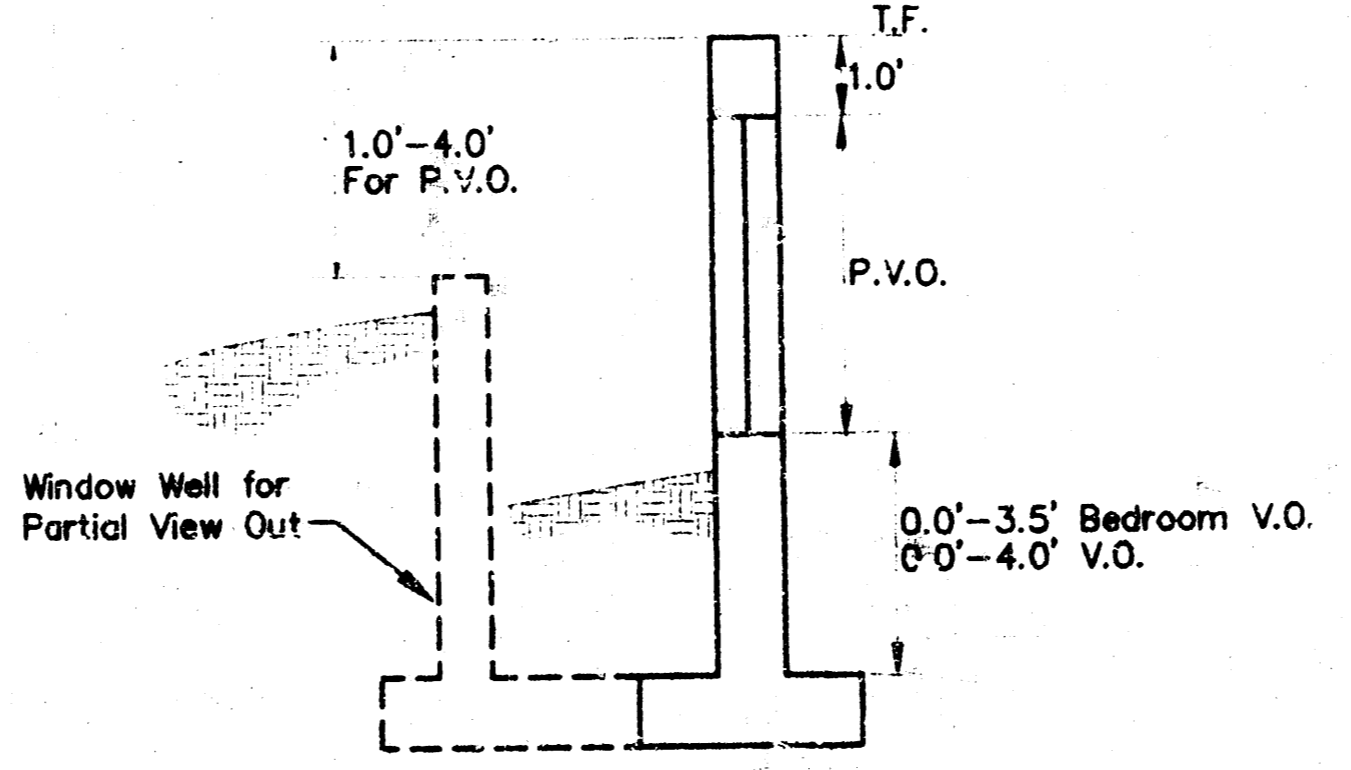


**LEGEND**

135.0	Proposed Elevations
135.0	Proposed Elevations
V.O.	Top of View Wall Elevation
T.F.	Top of Foundation
Pad	Elevation @ Garage Door Elevation
P.V.O. (See Note)	Partial View Wall Elevation
—140—	Proposed Contour
→	Flow Arrow

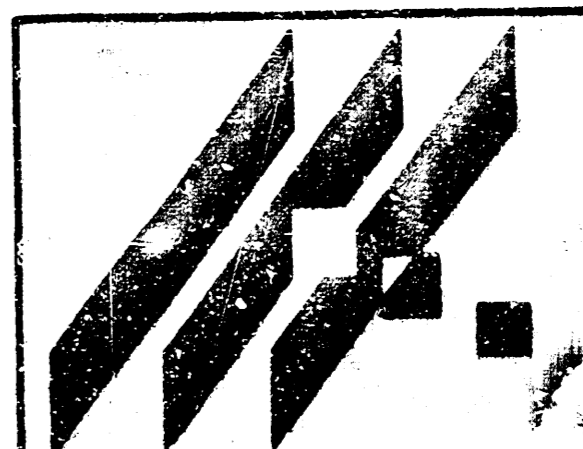
Note: P.V.O.'s may be V.O.'s depending on the number of steps added.

Builders shall drop siding or brick ledges or build a retaining wall to transition between properties.



**VIEW OUT & PARTIAL VIEW OUT DETAIL**

**APPROVED  
DRAINAGE PLAN**



**PRAIRIE WOODS**  
PROJECT NAME

**GRADING PLAN**  
SHEET TITLE

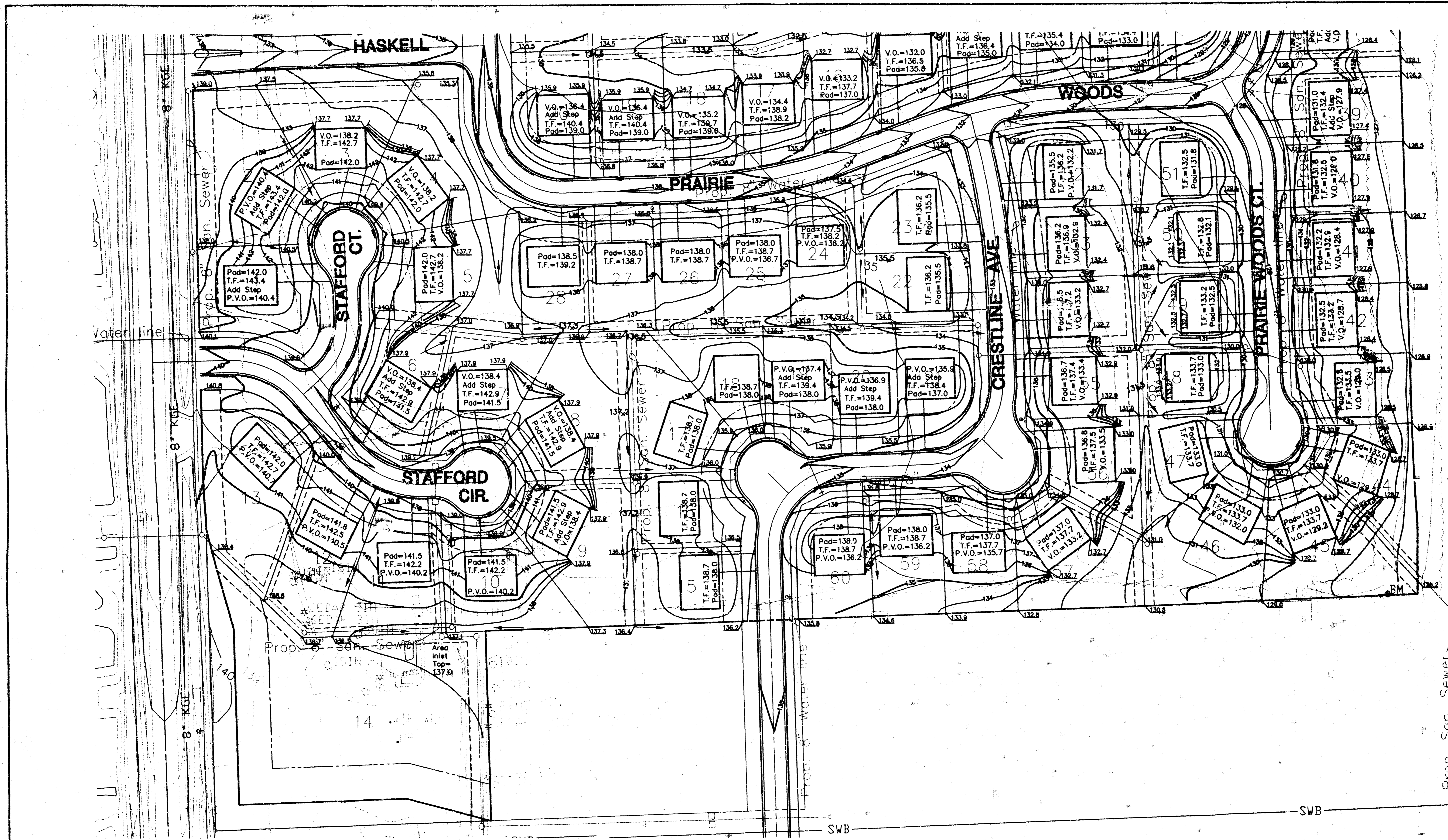
MID-KANSAS ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

G.J.A./P.A.F.  
DESIGN BY:  
3/95  
DATE

P.A.F./B.D.M.  
DRAWN BY:  
94088GR1  
JOB NO.

J.C.A.  
CHECKED BY:  
1 / 2  
SHEET/TOT

K:\CTPL\PAIRIEWOODS\DWG\DRG01.dwg 7:43:15 PM 1995

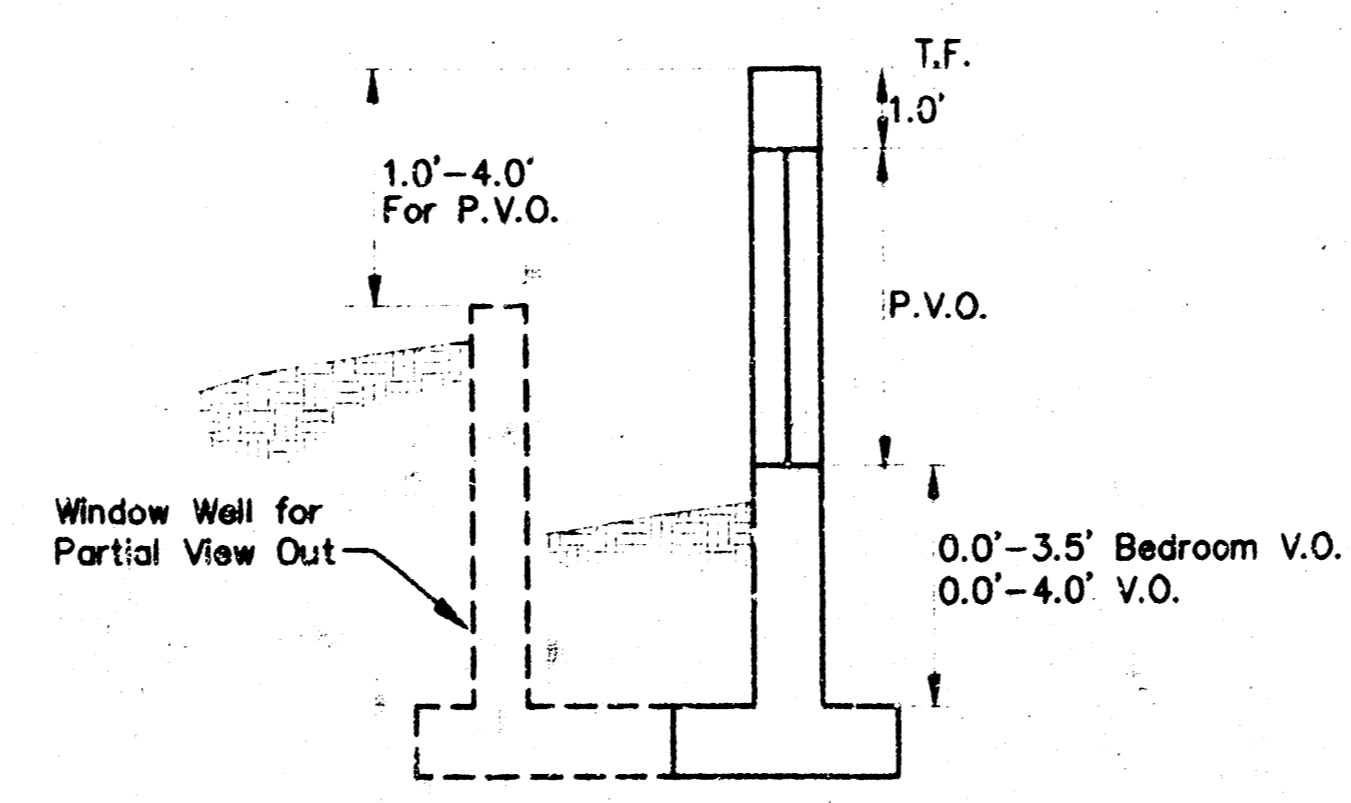


**LEGEND**

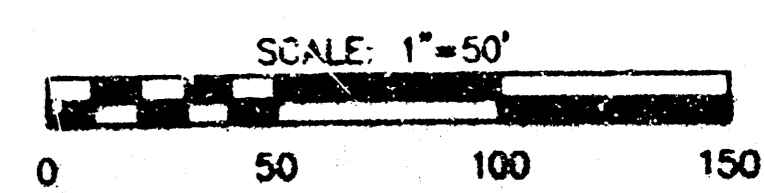
135.0	Proposed Elevations
135.0	Proposed Elevations
V.O.	Top of View Wall Elevation
T.F.	Top of Foundation
Pad	Elevation @ Garage Door Elevation
P.V.O. (See Note)	Partial View Wall Elevation
—140—	Proposed Contour
→	Flow Arrow

Note: P.V.O.'s may be V.O.'s depending on the number of steps added.

Builders shall drop siding or brick ledges or build a retaining wall to transition between properties.



VIEW OUT & PARTIAL VIEW OUT DETAIL



**MID-KANSAS ENGINEERING CONSULTANTS, INC.**  
 411 N WEBB ROAD  
 WICHITA, KS. 67206  
 316-684-9600

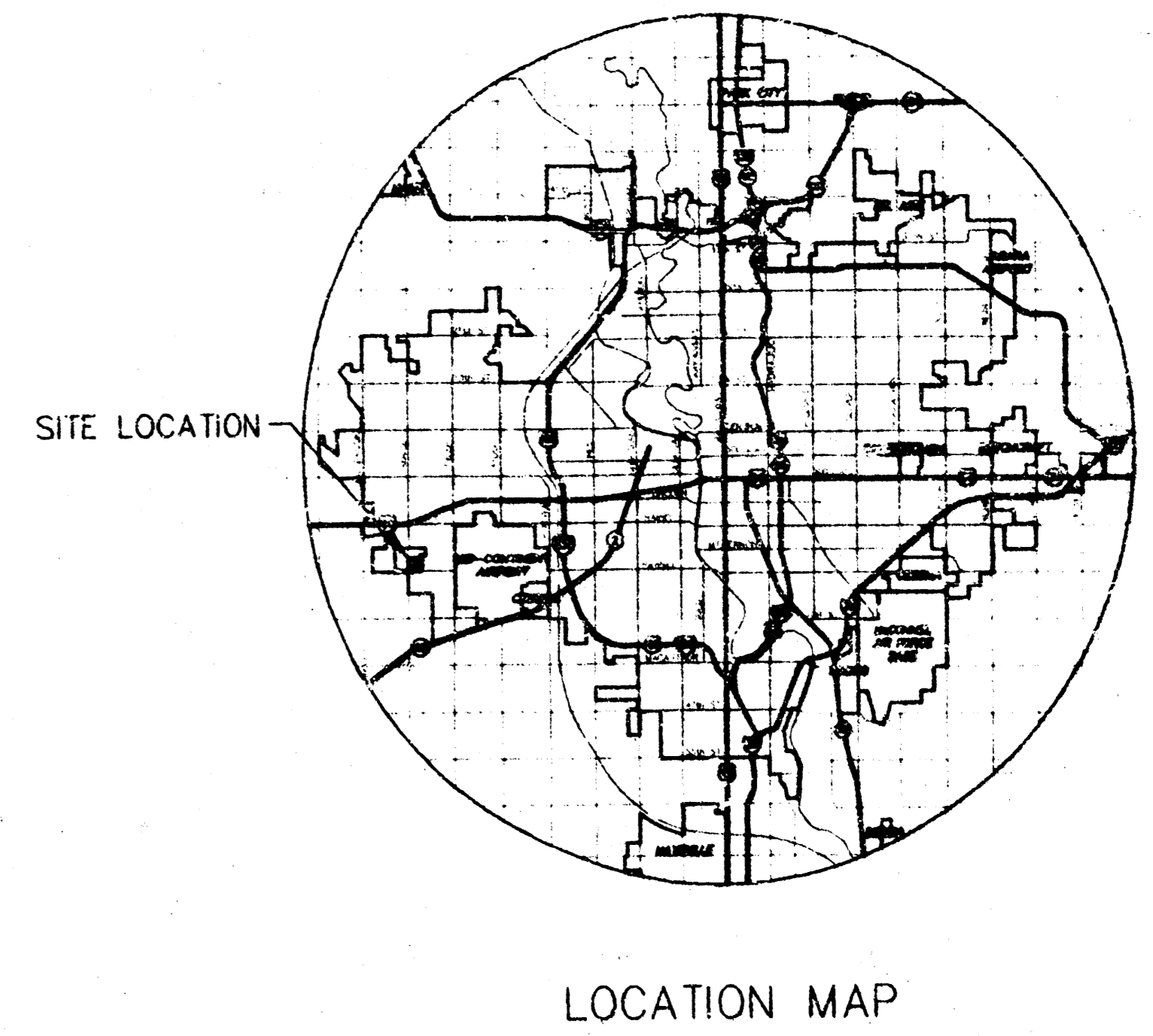
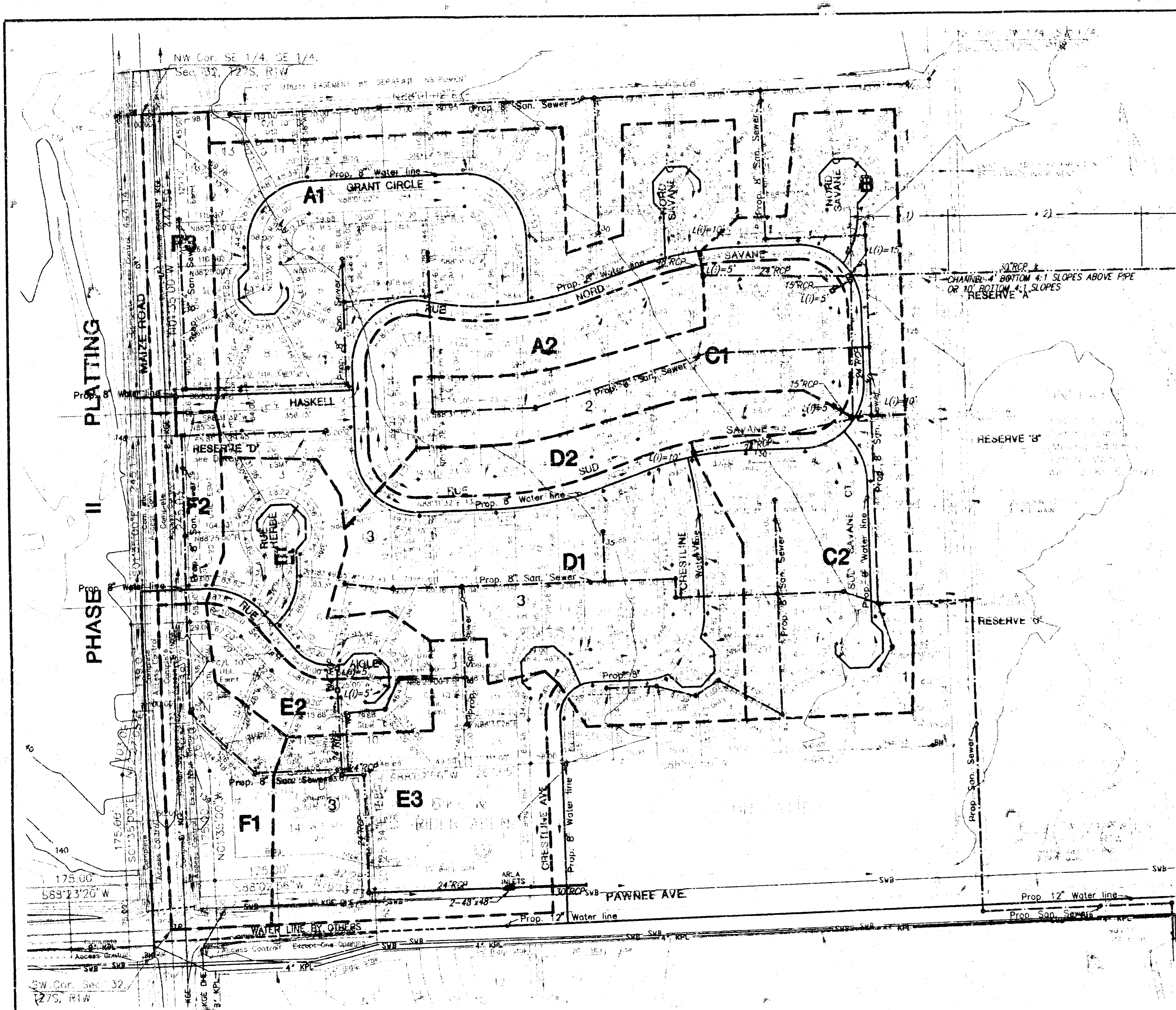
**PRAIRIE WOODS**  
 PROJECT NAME

**GRADING PLAN**  
 SHEET TITLE

G.J.A./P.A.F. DESIGN BY  
 P.A.F./B.D.M. DRAWN BY  
 G.J.A. CHECKED BY

3/95 DATE  
 94088R2 JOB NO.  
 2 / 2 SHEET OF

K:\CTV\1\94088R2\94088R2.dwg PLOT DATE: 7/14/95 03:18:05



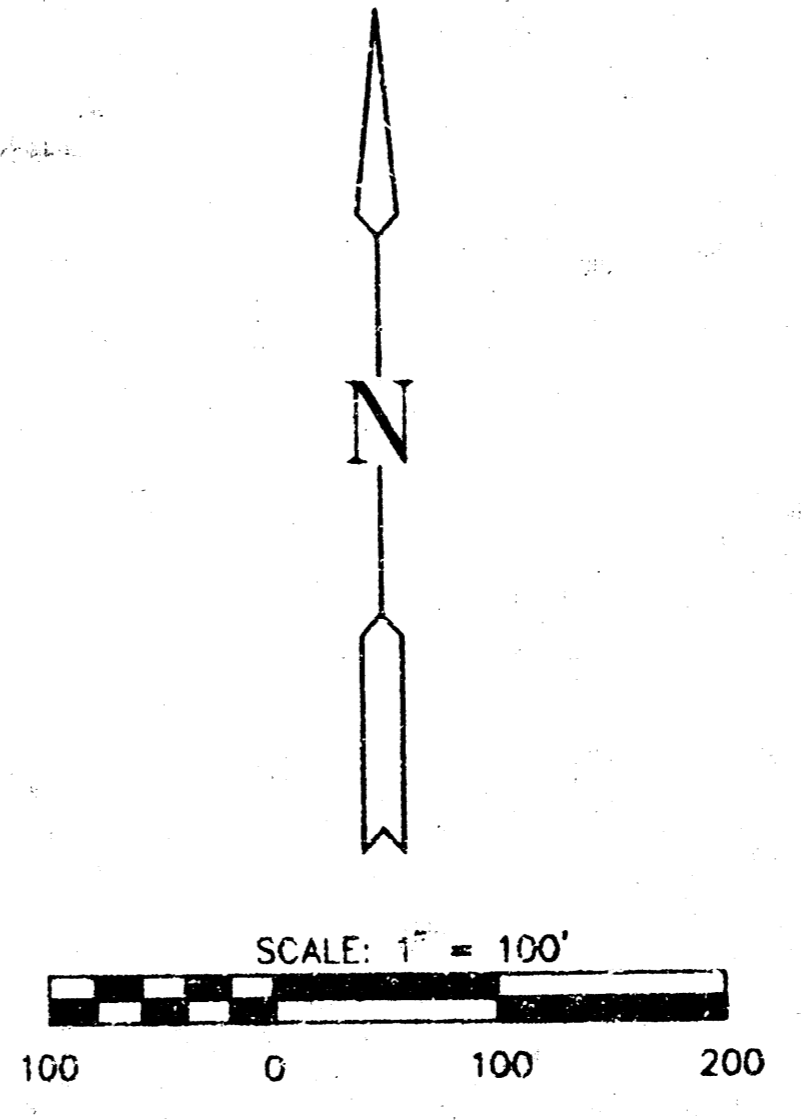
**LE SAVANE PARC EST DRAINAGE TABLE**

DRAINAGE AREA	ACRES	ACUM.	C2	C5	C100	TCC	TC5	TC100	IP 10/HR	IS 10/HR	I100 10/HR	Q2 CFS	Q5 CFS	Q100 CFS	PIPE SIZE	PIPE SLOPE	INLETS
A1	6.47	---	0.44	0.46	0.61	25.9	25.6	23.3	2.9	2.9	6.13	8.3	8.6	24.2	10"	0.4%	1L(1)10" BYPASS
A2	1.49	---	0.44	0.46	0.61	17.3	17	15	3.61	4.31	7.37	2.4	3.0	6.7	---	---	1L(1)5" BYPASS
A1+A2	7.96	---	0.44	0.46	0.61	25.9	25.6	23.3	2.9	2.9	6.13	10.2	10.6	29.7	24"	0.38%	---
D1	4.8	---	0.44	0.46	0.61	21.9	21.4	17.8	3.17	3.9	6.84	6.7	8.6	20.0	24"	0.38%	1L(1)10" BYPASS
D2	3.11	---	0.44	0.46	0.61	21.5	21	17.4	3.17	3.9	7.0	4.4	5.6	13.3	---	---	1L(1)10" BYPASS
D2	1.22	---	0.44	0.46	0.61	15	15	15	3.83	4.56	7.37	2.1	2.6	5.5	15"	0.4%	1L(1)5" BYPASS
D2+D1+D2	9.13	---	0.44	0.46	0.61	24.5	24.0	20.1	2.96	3.65	6.53	11.9	15.3	36.4	24"	0.38%	1L(1)10" BYPASS
C1	2.34	---	0.45	0.47	0.63	29.1	28.2	21.1	2.72	3.37	6.39	2.9	3.7	9.4	15"	0.4%	1L(1)5" (SLUMP)
B	1.74	---	0.48	0.51	0.68	15	15	15	3.83	4.56	7.37	3.2	4	8.7	---	---	---
A1+A2+B+C1+D2+D1+D2	21.17	---	0.44	0.46	0.61	28.5	28.2	25.9	2.72	3.37	6.39	25.3	32.8	74.8	30"	0.4%	1L(1)10" 1L(1)5" (SLUMP)
E1	1.74	---	0.44	0.46	0.61	15	15	15	3.83	4.56	7.37	2.9	3.6	7.8	24"	0.38%	1L(1)5" (SLUMP)
E2	0.81	---	0.44	0.46	0.61	15	15	15	3.83	4.56	7.37	1.4	1.7	3.6	---	---	1L(1)5" (SLUMP)
E1+E2	2.55	---	0.44	0.46	0.61	15	15	15	3.83	4.56	7.37	4.3	5.3	11.5	24"	0.38%	---
E3	3.62	---	0.44	0.46	0.61	27.2	26.3	20.1	2.84	3.5	6.53	4.5	5.8	14.4	---	---	2(48"x48") AREA INLETS
E1+E2+E3	6.17	---	0.44	0.46	0.61	27.2	26.3	20.1	2.84	3.5	6.53	7.7	9.9	24.6	30"	0.4%	---
F2	0.73	---	0.44	0.46	0.61	28	27.2	20.8	2.78	3.43	6.39	0.9	1.2	2.8	15"	0.4%	CROSS ROAD

IN SEQUENCE TO STREAM:  
 #E1) CHANNEL-150' 4" BOTTOM 4:1 SLOPES (Y=1.50') OVER 30"RP  
 #E2) CHANNEL-150' 4" BOTTOM 4:1 SLOPES (Y=1.90') OVER 30"RP OR CHANNEL-350' 10" BOTTOM 4:1 SLOPES (Y=2.09)  
 #E3) CHANNEL-500' 10" BOTTOM 4:1 SLOPES (Y=2.09') OVER 30"RP

C FACTORS FROM:  
 SOIL TYPE B 1/4 ACRE RESIDENTIAL  
 SOIL TYPE C 1/4 ACRE RESIDENTIAL

- LEGEND**
- SAN. SEWER
  - WATER
  - STORM SEWER
  - DRAINAGE DIVIDE
  - WATER LINE BY OTHERS
  - DIRECTION OF FLOW



**LE SAVANE PARC EST**  
PROJECT NAME

**DRAINAGE & UTILITY PLAN**  
SHEET TITLE

MID-KANSAS ENGINEERING  
CONSULTANTS, INC.  
411 N. WEBB ROAD  
WICHITA, KS. 67206  
316-684-9600

P.A.F. DESIGN BY: 12/8/94 DATE

B.D.M. DRAWN BY: 1/1/94

C.J.A. CHECKED BY: 1/1/94

JOB NO. 1 SHEET/OF