```
**************************************
*                                    *
*  FLOOD HYDROGRAPH PACKAGE (HEC-1)  *
*            MAY  1991               *
*          VERSION 4.0.1E            *
*                                    *
*  RUN DATE  06/11/96  TIME  08:45:35 *
*                                    *
**************************************
```

```
**********************************
*                                *
*  U.S. ARMY CORPS OF ENGINEERS  *
*  HYDROLOGIC ENGINEERING CENTER *
*       609 SECOND STREET        *
*     DAVIS, CALIFORNIA 95616    *
*         (916) 551-1748         *
*                                *
**********************************
```

```
X    X XXXXXXX  XXXXX         X
X    X X       X    X       XX
X    X X       X            X
XXXXXXX XXXX   X       XXXXX  X
X    X X       X            X
X    X X       X    X       X
X    X XXXXXX  XXXXX       XXX
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -ANSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM


```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

   1      ID  THE FOUNTAINS 2ND ADDN
   2      ID  PEAK FLOW FUTURE CONDITION
   3      ID  Q100 - 6HR STORM
   4      ID  FILE:  FOUNT
   5      IT     2                0     300
   6      IO     5     0

   7      KK    SB1
   8      KO                                      21
   9      KM  COMPUTE THE RUN OFF HYDROGRAPH
  10      BA   .094
  11      PB   100      0     .87   1.86    3.8    4.6    5.1    6.0
  12      LS     0    81.7
  13      UD  0.32

  14      KK     OUT
  15      KM     ROUTE FLOW THROUGH STRUCTURE
  16      KO                                      21
  17      RS     1    STOR     -1
  18      SV     0    5.82
  19      SE  1364.5  1369.0
  20      SQ     0   67.95   124.8    185   229.3
  21      SE  1364.5  1366.5  1367.5  1368.4   1369
  22      ZZ
```


```
**************************************
*                                    *
*  FLOOD HYDROGRAPH PACKAGE (HEC-1)  *
*            MAY  1991               *
*          VERSION 4.0.1E            *
*                                    *
*  RUN DATE  06/11/96  TIME  08:45:35 *
*                                    *
**************************************
```



```
**********************************
*                                *
*  U.S. ARMY CORPS OF ENGINEERS  *
*  HYDROLOGIC ENGINEERING CENTER *
*       609 SECOND STREET        *
*     DAVIS, CALIFORNIA 95616    *
*         (916) 551-1748         *
*                                *
**********************************
```


THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
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NEW OPTIONS: DAMBREAK OUTFLOW SUBMERGENCE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

THE FOUNTAINS 2ND ADDN
PEAK FLOW FUTURE CONDITION
Q100 - 6HR STORM
FILE: FOUNT

```
 6 IO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT       HYDROGRAPH TIME DATA
                NMIN          2  MINUTES IN COMPUTATION INTERVAL
                IDATE         1  0  STARTING DATE
                ITIME      0000  STARTING TIME
                  NQ          300  NUMBER OF HYDROGRAPH ORDINATES
                NDATE         1  0  ENDING DATE
                NDTIME        0958  ENDING TIME
                ICENT           19  CENTURY MARK

              COMPUTATION INTERVAL    0.03 HOURS
                 TOTAL TIME BASE    9.97 HOURS

          ENGLISH UNITS
              DRAINAGE AREA         SQUARE MILES
              PRECIPITATION DEPTH   INCHES
              LENGTH, ELEVATION     FEET
              FLOW                  CUBIC FEET PER SECOND
              STORAGE VOLUME        ACRE-FEET
              SURFACE AREA          ACRES
              TEMPERATURE           DEGREES FAHRENHEIT
```

*** ***

```
       *************
       *           *
 7 KK  *    SB1    *
       *           *
       *************

 8 KO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
                IPNCH         0  PUNCH COMPUTED HYDROGRAPH
                IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1         1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2       300  LAST ORDINATE PUNCHED OR SAVED
              TIMINT     0.033  TIME INTERVAL IN HOURS

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

       *************
       *           *
14 KK  *     0     *   UT
       *           *
       *************

16 KO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
                IPNCH         0  PUNCH COMPUTED HYDROGRAPH
                IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1         1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2       300  LAST ORDINATE PUNCHED OR SAVED
              TIMINT     0.033  TIME INTERVAL IN HOURS
```


```
**************************************
*                                    *
*  FLOOD HYDROGRAPH PACKAGE (HEC-1)  *
*            MAY  1991               *
*          VERSION 4.0.1E            *
*                                    *
*  RUN DATE  06/11/96  TIME  08:45:35 *
*                                    *
**************************************
```



```
**********************************
*                                *
*  U.S. ARMY CORPS OF ENGINEERS  *
*  HYDROLOGIC ENGINEERING CENTER *
*       609 SECOND STREET        *
*     DAVIS, CALIFORNIA 95616    *
*         (916) 551-1748         *
*                                *
**********************************
```


THE FOUNTAINS 2ND ADDN
PEAK FLOW FUTURE CONDITION
Q100 - 6HR STORM
FILE: FOUNT

```
 8 KO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
```


```
X    X XXXXXXX  XXXXX         X
X    X X       X    X       XX
X    X X       X            X
XXXXXXX XXXX   X       XXXXX  X
X    X X       X            X
X    X X       X    X       X
X    X XXXXXXX  XXXXX       XXX
```


THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
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DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

THE FOUNTAINS 2ND ADDN
PEAK FLOW FUTURE CONDITION
Q100 - 6HR STORM
FILE: FOUNT

```
 6 IO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE

   IT       HYDROGRAPH TIME DATA
                NMIN          2  MINUTES IN COMPUTATION INTERVAL
                IDATE         1  0  STARTING DATE
                ITIME      0000  STARTING TIME
                  NQ          300  NUMBER OF HYDROGRAPH ORDINATES
                NDATE         1  0  ENDING DATE
                NDTIME        0958  ENDING TIME
                ICENT           19  CENTURY MARK

              COMPUTATION INTERVAL    0.03 HOURS
                 TOTAL TIME BASE    9.97 HOURS

          ENGLISH UNITS
              DRAINAGE AREA         SQUARE MILES
              PRECIPITATION DEPTH   INCHES
              LENGTH, ELEVATION     FEET
              FLOW                  CUBIC FEET PER SECOND
              STORAGE VOLUME        ACRE-FEET
              SURFACE AREA          ACRES
              TEMPERATURE           DEGREES FAHRENHEIT
```

*** ***

```
       *************
       *           *
 7 KK  *    SB1    *
       *           *
       *************

 8 KO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
                IPNCH         0  PUNCH COMPUTED HYDROGRAPH
                IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1         1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2       300  LAST ORDINATE PUNCHED OR SAVED
              TIMINT     0.033  TIME INTERVAL IN HOURS

*** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** *** ***

       *************
       *           *
14 KK  *     0     *   UT
       *           *
       *************

16 KO        OUTPUT CONTROL VARIABLES
                IPRNT         5  PRINT CONTROL
                IPLOT         0  PLOT CONTROL
                QSCAL         0.  HYDROGRAPH PLOT SCALE
                IPNCH         0  PUNCH COMPUTED HYDROGRAPH
                IOUT         21  SAVE HYDROGRAPH ON THIS UNIT
                ISAV1         1  FIRST ORDINATE PUNCHED OR SAVED
                ISAV2       300  LAST ORDINATE PUNCHED OR SAVED
              TIMINT     0.033  TIME INTERVAL IN HOURS
```


OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR MAXIMUM PERIOD 6-HOUR	24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	SB1	245.	3.37	40.	24.	24.	0.09		
ROUTED TO	0	186.	3.60	40.	24.	24.	0.09	1368.41	3.60

*** NORMAL END OF HEC-1 ***

THE FOUNTAINS 2ND ADDN.

REDUCE FLOW FROM POND TO 196 cfs

TRY 7.9' WEIR

ELEV	FLOW
64.5	0
66.5	67.95
67.5	124.8
68.4	185
69.0	229.3


```
**************************************
*                                    *
*  FLOOD HYDROGRAPH PACKAGE (HEC-1)  *
*            MAY  1991               *
*          VERSION 4.0.1E            *
*                                    *
*  RUN DATE  01/09/95  TIME  14:02:27 *
*                                    *
**************************************
```



```
**********************************
*                                *
*  U.S. ARMY CORPS OF ENGINEERS  *
*  HYDROLOGIC ENGINEERING CENTER *
*       609 SECOND STREET        *
*     DAVIS, CALIFORNIA 95616    *
*         (916) 551-1748         *
*                                *
**********************************
```



```
X    X XXXXXXX  XXXXX         X
X    X X       X    X       XX
X    X X       X            X
XXXXXXX XXXX   X       XXXXX  X
X    X X       X            X
X    X X       X    X       X
X    X XXXXXXX  XXXXX       XXX
```


THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
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DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM


```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

   1      ID  THE FOUNTAINS 2ND ADDN
   2      ID  PEAK FLOW FUTURE CONDITION
   3      ID  Q100 - 6HR STORM
   4      ID  FILE:  FOUNT
   5      IT     2                0     300
   6      IO     5     0

   7      KK    SB1
   8      KO                                      21
   9      KM  COMPUTE THE RUN OFF HYDROGRAPH
  10      BA   .094
  11      PB   100      0     .87   1.86    3.8    4.6    5.1    6.0
  12      LS     0    81.7
  13      UD  0.32

  14      KK     OUT
  15      KM     ROUTE FLOW THROUGH STRUCTURE
  16      KO                                      21
  17      RS     1    STOR     -1
  18      SV     0    5.82
  19      SE  1364.5  1369.0
  20      SQ     0   25.5    85.5    316
  21      SE  1364.5  1366.5  1367.5  1369.0
  22      ZZ
```

RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR 6-HOUR	MAXIMUM PERIOD 24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	SB1	245.	3.37	40.	24.	24.	0.09		
ROUTED TO	O	217.	3.50	39.	24.	24.	0.09	1368.36	3.50

*** NORMAL END OF HEC-1 ***

```
**********************************
*                                *
*  FLOOD HYDROGRAPH PACKAGE (HEC-1)  *
*           MAY  1991            *
*         VERSION 4.0.1E         *
*                                *
*  RUN DATE 01/09/95  TIME 12:22:16  *
*                                *
**********************************
```

```
X    X  XXXXXX  XXXX        X
X    X  X      X    X      XX
X    X  X      X           X
XXXXXX  XXX    X      XXXX  X
X    X  X      X           X
X    X  X      X   X       X
X    X  XXXXXX  XXXX       XXX
```

```
**********************************
*                                *
*  U.S. ARMY CORPS OF ENGINEERS  *
*  HYDROLOGIC ENGINEERING CENTER *
*       609 SECOND STREET        *
*     DAVIS, CALIFORNIA 95616    *
*         (916) 551-1748         *
*                                *
**********************************
```

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HEC-1 KNOWN AS HEC1 (JAN 73), HEC1GS, HEC1DB, AND HEC1KW.

THE DEFINITIONS OF VARIABLES -RTIMP- AND -RTIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.
THE DEFINITION OF -ANSKK- ON RM-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION
NEW OPTIONS: DAMBREAK OUTFLOW SUBROUTINE , SINGLE EVENT DAMAGE CALCULATION, DSS:WRITE STAGE FREQUENCY,
DSS:READ TIME SERIES AT DESIRED CALCULATION INTERVAL LOSS RATE:GREEN AND AMPT INFILTRATION
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

HEC-1 INPUT PAGE 1

```
LINE      ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10

  1       ID  THE FOUNTAINS 2ND ADDITION
  2       ID  PRESENT CONDITION
  3       ID  Q100-6HR STORM
  4       ID  FILE: FOUNT2
  5       IT    2          0    300
  6       IO    5    0

  7       KK    SB1
  8       KO                      21
  9       KM  COMPUTE HYDROGRAPH
 10       BA  .094
 11       PH   100    0   .87  1.86  3.8   4.6   5.1   6.0
 12       LS     0   79.8
 13       UD  0.37
 14       ZZ
```

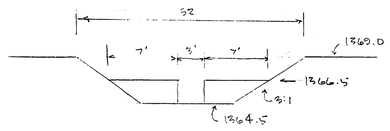
RUNOFF SUMMARY
FLOW IN CUBIC FEET PER SECOND
TIME IN HOURS, AREA IN SQUARE MILES

OPERATION	STATION	PEAK FLOW	TIME OF PEAK	AVERAGE FLOW FOR 6-HOUR	MAXIMUM PERIOD 24-HOUR	72-HOUR	BASIN AREA	MAXIMUM STAGE	TIME OF MAX STAGE
HYDROGRAPH AT	SB1	218.	3.43	38.	23.	23.	0.09		

*** NORMAL END OF HEC-1 ***

1-9-95

PEAK CONTROL STRUCTURE



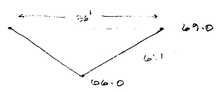
ELEV	C	L	H	Q		
1364.5	3.0					
1366.5	3.0	5.0	2.0	25.46		
1367.5	3.0	20.0	1.0	60.0	+25.96 =	45.5
1369.0	3.0	24.5	2.5	290.53	+25.96 =	316.0

PEAK Q IN 245.0 cfs
PEAK Q OUT 217.0 cfs

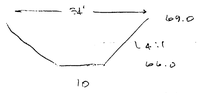
MAX STAGE 1368.4 (DWG)

1-9-95

DITCH STORAGE



430' x 54 ÷ 43560 = 0.53 AC/FT



130' x 66 ÷ 43560 = 0.20 AC FT

POND

64.5 0.94 Ac

5.05 AC FT

69.0 1.32 Ac

TOTAL 5.82 AC FT @ 1369.0

1-9-95

THE FOUNTAINS 1ST ADDN

Lot	40%	C	CN 78	3120
Rd	60%	D	CN 81	4860
				7980 ÷ 100 = 79.8

SOLUTION WITH DEVELOPMENT

$S = \frac{1000}{79.8} - 10 = 2.53$

$L = \frac{1900^{.8} \times 2.53^{.7}}{1900 \times 11.3^{.5}} = 0.37 \text{ HR}$

AFTER DEVELOPMENT

21.9 Ac 11.4 Ac Lots 3.6% IMPERVIOUS 7.75 Ac

$L = 0.37 \left[\frac{0.36}{\sqrt{64.6}}\right]^{.5} .138^{-.57} = 0.32 \text{ HR}$ $\frac{4.82}{60.1} = .138$

8 Ac	C	DEVE.	CN 93	664	
12.1 Ac	D	DEVE.	CN 97	1252.7	
16 Ac	C	EXIST.	CN 76	1248	
24 Ac	D	"	CN 81	1944	CN
				4908.7 ÷ 60.1 =	81.7

DRAINAGE PLAN

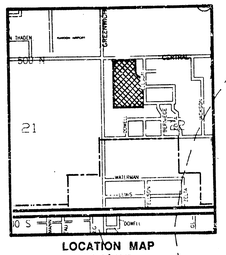
REVISED 3-26-96

Prepared by:

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
434 N. Oliver, Suite 110 ● Wichita, Kansas 67208
Phone 316/685-4114 ● FAX 316/685-4444

NOTES:

1. A DRAINAGE CONCEPT PLAN SHALL BE PREPARED AND SUBMITTED TO THE CITY ENGINEER BY POE AND ASSOCIATES.
2. BENCHMARK - (COUNTY, - TOP OF IRON IN THIMBLE AT INTERSECTION OF CENTRAL AND GREENWICH. EL.' 1376.44.
3. BENCHMARK "A" - RAILROAD SPIKE IN POWER POLE 462'± EAST OF N.W. COR. PARCEL. EL. 1379.42.
4. BENCHMARK "B" - 3-40D NAILS IN BASE OF 10" ELM TREE 1330'± SOUTH AND 462'± EAST OF THE N.W. COR. OF PARCEL EL. 1379.17.
5. CONTOURS ARE PLOTTED AT ONE FOOT INTERVALS.
6. RESERVES "B", "C", AND "D" SHALL PERMIT DRAINAGE, SIDEWALKS, UTILITIES CONFINED BY EASEMENTS, LANDSCAPE AND PLAYGROUND EQUIPMENT OR RECREATIONAL IMPROVEMENTS.
7. ALL PROPERTY WITHIN LIMITS OF PLAT IS ZONED "AA" / COUNTY UNDER CONDITIONAL USE CU-232.
8. MINIMUM LOW OPENING ELEVATION FOR HOMES BUILT ON LOTS ADJACENT TO RESERVE "C" IS 1369.4



FOUNTAINS SECOND ADDITION

REPLAT OF FOUNTAINS ADDITION

OWNER: KARL SOLOMON INVESTMENTS, 1851 NORTH ROCK ROAD CT., WICHITA, KS 67205 (316) 684-9611

YUNG DESIGN GROUP
BRANSON OFFICE: 1601 W. HIGHWAY 76, SUITE 7 • BRANSON, MO 65616
PH: 417-335-9215 • FAX: 417-335-9286
WICHITA OFFICE: 410 E. 10TH STREET NORTH • WICHITA, KS 67220
PH: 316-683-0507 • FAX: 316 683-9036

DATE 12-14-84

REV. 2-9-96

SHEET TITLE

PROJECT

SHEET

PROJECT NO.

DRAINAGE PLAN

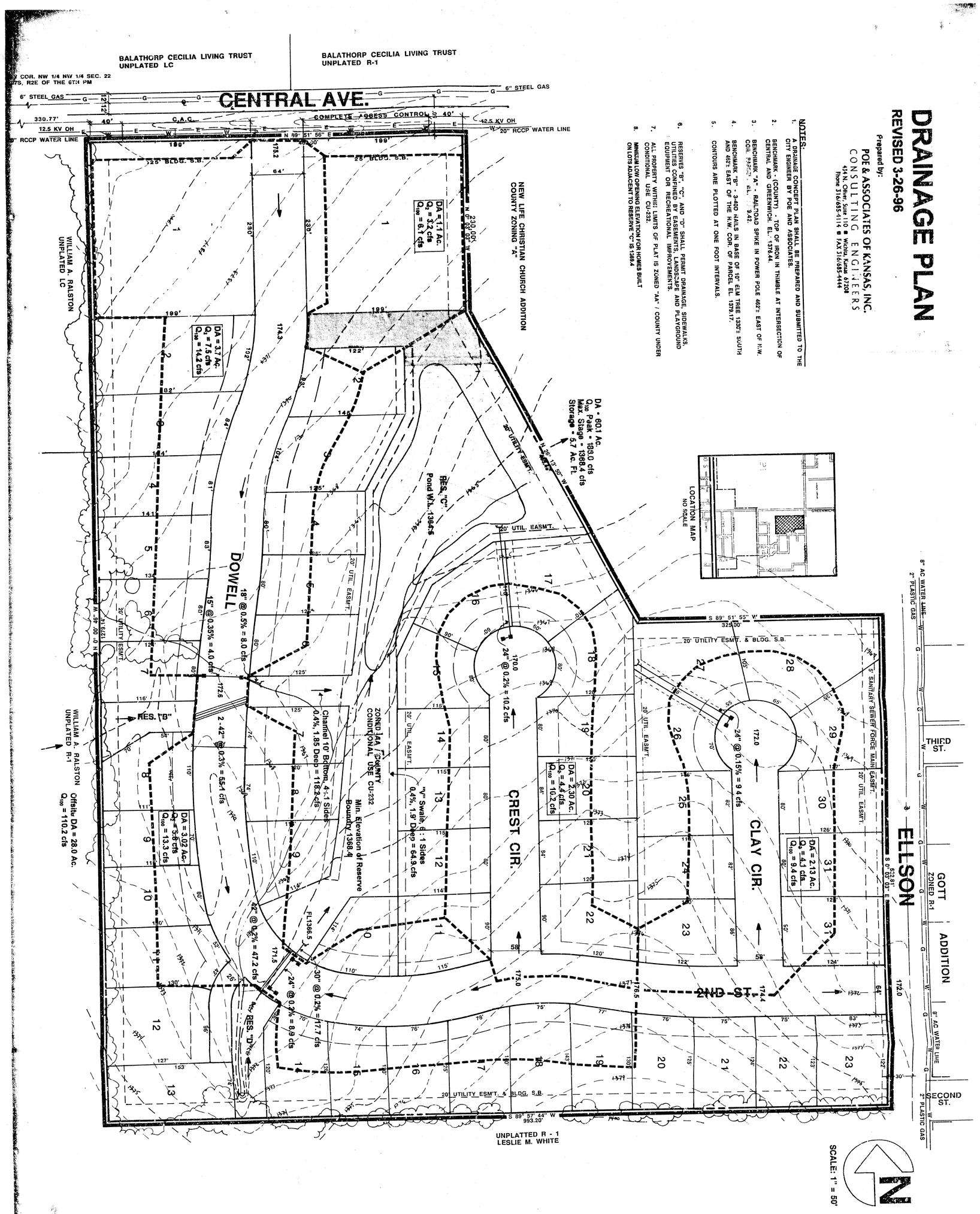
REVISED 3-26-96

Prepared by:

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
434 N. Oliver, Suite 110 ■ Wichita, Kansas 67208
Phone 316/685-4114 ■ FAX 316/685-4444

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3. BENCHMARK "A" - RAILROAD SPIKE IN POWER POLE 462± EAST OF N.W. COR. PARCEL. EL. 1379.42.
4. BENCHMARK "B" - 3-40D NAILS IN BASE OF 10" ELM TREE 1330± SOUTH AND 462± EAST OF THE N.W. COR. OF PARCEL EL. 1379.17.
5. CONTOURS ARE PLOTTED AT ONE FOOT INTERVALS.
6. RESERVES "B", "C", AND "D" SHALL PERMIT DRAINAGE SIDEWALKS, UTILITIES, OPEN SPACE, LANDSCAPE, AND PLAYGROUND EQUIPMENT OR RECREATIONAL IMPROVEMENTS.
7. ALL PROPERTY WITHIN LIMITS OF PLAT IS ZONED "AA" / COUNTY UNDER CONDITIONAL USE CU-232.
8. MINIMUM LOW OPENING ELEVATION FOR HOMES BUILT ON LOTS ADJACENT TO RESERVE "C" IS 1389.4



FOUNTAINS SECOND ADDITION

REPLAT OF FOUNTAINS ADDITION

OWNER: KARL SOLOMON INVESTMENTS, 1831 NORTH ROCK ROAD CT., WICHITA, KS 67206 (316) 684-9611

SHEET

PROJECT

PROJECT NO.

SHEET TITLE

DATE 12-14-94

REV. 2-9-96

YUNG DESIGN GROUP
BRANSON OFFICE • 1621 W. HIGHWAY 76, SUITE 7 • BRANSON, MO 65616
PH: 417-335-8235 • FAX: 417-335-8286
WICHITA OFFICE • 4912 E. 29TH STREET NORTH • WICHITA, KS 67220
PH: 316-683-5567 • FAX: 316-683-5296

DRAINAGE PLAN

REVISED 3/28/05

Revised 5/6

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
434 N. Cleveland, Suite 110 ● Wichita, Kansas 67214
Phone 316/685-1116 ● Fax 316/685-1044

NOTES:

1. A DRAINAGE CONCEPT PLAN SHALL BE PREPARED AND SUBMITTED TO THE CITY ENGINEER BY POE AND ASSOCIATES.
2. BENCHMARK - (COUNTY) - TOP OF IRON IN THIMBLE AT INTERSECTION OF CENTRAL AND GREENWICH. EL. 1376.44.
3. BENCHMARK "A" - RAILROAD SPIKE IN POWER POLE 492± EAST OF N.W. COR. PARCEL. EL. 1373.42.
4. BENCHMARK "B" - 8-60D NAILS IN BASE OF 17" Elm TREE 1390± SOUTH AND 402± EAST OF THE N.W. COR. OF PARCEL. EL. 1371.17.
5. CONTOURS ARE PLOTTED AT ONE FOOT INTERVALS.
6. RESERVES "B", "C" AND "D" SHALL PERMIT DRAINAGE, SIDEWALKS, UTILITIES CONFINED BY EASEMENTS, LANDSCAPE AND PLAYGROUND EQUIPMENT OR RECREATIONAL IMPROVEMENTS.
7. ALL PROPERTY WITHIN LIMITS OF PLAT IS ZONED "AA" / COUNTY UNDER CONDITIONAL USE CU-232.
8. [illegible]

LOCATION MAP
NO SCALE

SCALE: 1" = 50'

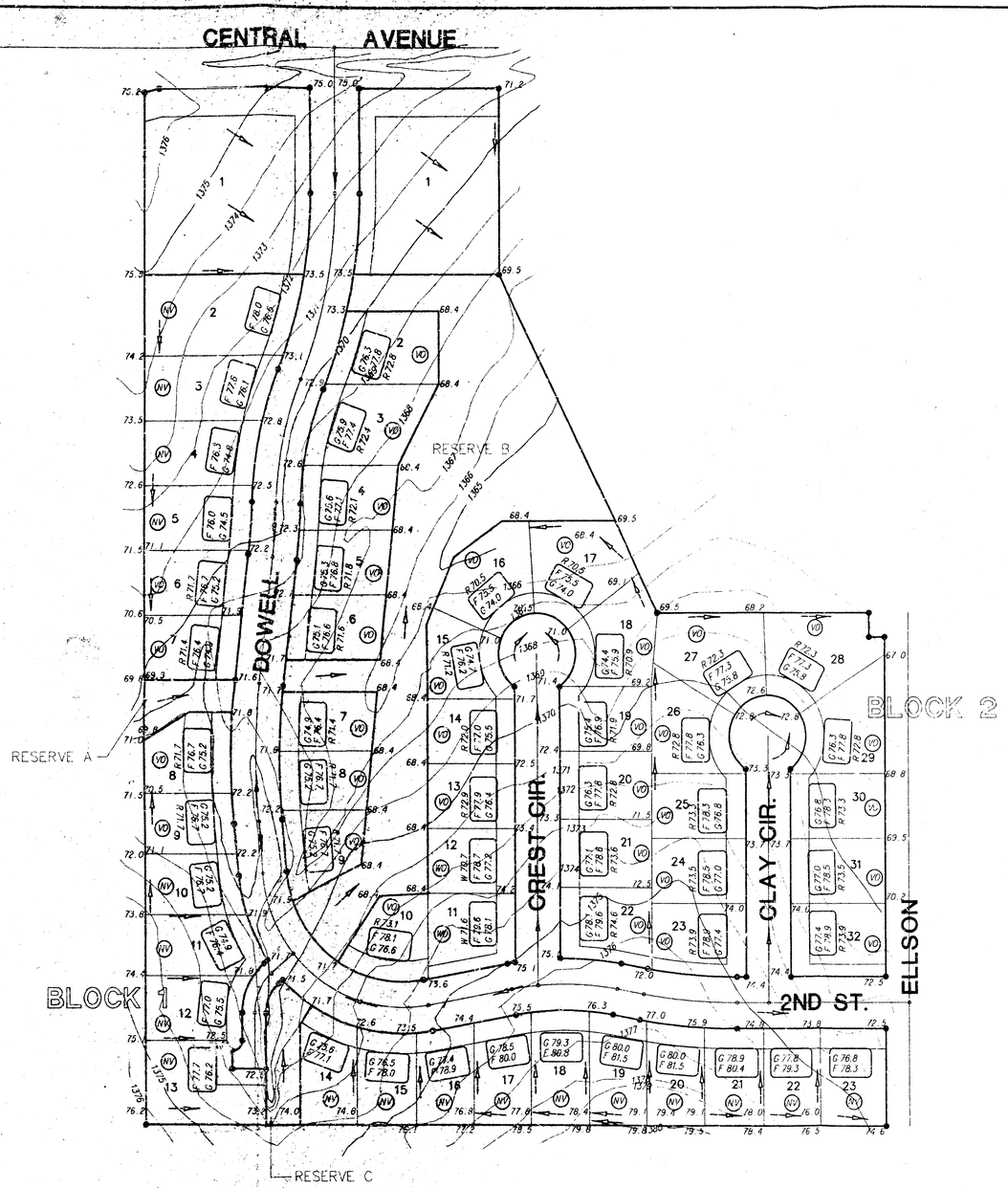
FOUNTAINS SECOND ADDITION

REPLAT OF FOUNTAINS ADDITION

OWNER: KARL SOLOMON INVESTMENTS, 1831 NORTH ROCK ROAD CT., WICHITA KS 67206 (316) 684-9611

YUNG DESIGN GROUP

SHEET [illegible] PROJECT
PROJECT NO.
SHEET TITLE
DATE 12-14-04
REV.



GRAPHIC SCALE

80 0 40 80 160

(IN FEET)

1 inch = 80 ft.

APPROVED
DRAINAGE PLAN

LEGEND

G = GARAGE FLOOR ELEVATION
F = TOP of FOUNDATION WALL ELEVATION
R = TOP of REAR WALL ELEVATION (VIEW OUT)
W = BASEMENT FLOOR ELEVATION (WALK OUT)
(V1)= NO VIEW OUT
(V2)= VIEW OUT
(W)= WALK OUT

BENCHMARKS

(U.S.G.S. Datum)

1. Top of iron in thimble at intersection of Central & Greenwich Elev. 1376.44
2. Railroad spike in PP 462'± E. of NW. Cor. Lot 1, Block 1. Elev. 1379.42
3. 3-40d nails in base of 10" elm tree 1330'± S. and 462'± E. of the NW. Cor. of Lot 1, Block 1 Elev. 1379.17

LOT GRADING PLAN

THE FOUNTAINS 2ND ADDITION

TO WICHITA, SEDGWICK COUNTY, KANSAS

NW 1/4, SECTION 21, T27S, R2E

APRIL 12, 1996

F:\APPS\DCA\PVGBL\TBD Fri Apr 12 11:56:14 1996 Steve Schmidt Poe & Assoc.