

12-5-96

MAPLE DUNES  
SB1 SECTION 23 DA = 45.0 AC = 0.0703 SQ. MI.

SOIL TYPES  
Vb VAUDAS 70%  
Eb ELANDCO 5%  
Mb MILAN 5%  
HYDROLOGIC GROUP B  
(ALL SUBBASINS)

CN EXISTING CONDITION = 81.0 CULTIVATED W/OUT  
CONSERVATION TREATMENT

$S = \frac{1000}{81} - 10 = 2.35$

LENGTH = 3400' SLOPE = 50' = 1.47%

$LAG = \frac{3400^{.75} \cdot 3.35^{.17}}{1900 \cdot 1.47^{.5}} = 0.108 \text{ HR}$

SB2 SECTION 24 DA = 56.0 AC = 0.0875 SQ. MI.

CN = 81.0 EXISTING

LENGTH = 2800' SLOPE = 15' = 0.54%

$LAG = \frac{2800^{.75} \cdot 3.35^{.17}}{1900 \cdot 0.54^{.5}} = 0.90 \text{ HR}$

SB3 SEC 25 AND 26 DA = 43.0 AC = 0.1297 SQ. MI.

CN = 81.0 EXISTING

LENGTH = 5000' SLOPE = 50' = 1.0%

$LAG = \frac{5000^{.75} \cdot 3.35^{.17}}{1900 \cdot 1.0^{.5}} = 1.12 \text{ HR}$

POUND STORAGE

ELEV	AREA	STORAGE
130.5	1.33 AC	0
136.0	3.00 AC	11.9 AC FT

DISCHARGE STRUCTURE - WEIR

SECTION 24 DEVELOPED

RECID	LOT#	CU	AREA
RESID	75	45	3715
COMMERCIAL	92	3.7	340
OPEN SPACE	61	6.0	3166
PAVD	100	1.3	1200
COMPOSITE CU			
		56	1211
			75.2

PERCENT IMPERVIOUS

RECID	LOT#	%	AREA
RESIDENTIAL	38	45	1710
COMMERCIAL	85	3.7	315
PAVD	20	1.3	120
OPEN	-	6.0	-
COMPOSITE			
		56.0	2155
			38.5% IMP.

DEVELOPED LAG TIME  
 $LAG = 0.47 \left[ \frac{0.55}{\sqrt{24}} \right]^{.5} \cdot 385^{-.57} = 0.27 \text{ HR}$

FLOOD HYDROGRAPH PACKAGE (HBC-1)  
MAY 1991  
VERSION 4.0.1E  
U.S. ARMY CORPS OF ENGINEERS  
HYDROLOGIC ENGINEERING CENTER  
609 SECOND STREET  
DAVIS, CALIFORNIA 95616  
(916) 551-1748

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XXXXXXXXXXXX  
XXXXXXXXXXXX  
XXXXXXXXXXXX

THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF HBC-1 KNOWN AS HCL (JAN 73), HECIG, HECID, AND HECIN.  
THE DEFINITIONS OF VARIABLES -RIMP- AND -RTOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE.  
THE DEFINITION OF -ANSEX- ON RM-CARD HAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION.  
NEW OPTIONS: DAMBRK: OUTFLOW SUBMERGENCE, SINGLE EVENT DAMAGE CALCULATION, DSS: WRITE STAGE FREQUENCY,  
DSS: HEAD TIME SERIES AT DESIRED CALCULATION INTERVAL, LOSS RATE: GREEN AND AMPY INFILTRATION  
KINEMATIC WAVE: NEW FINITE DIFFERENCE ALGORITHM

MAPLE DUNES  
6 HR - Q100 STORM  
AFTER DEVELOPMENT OF MAPLE DUNES  
11.9 AC FT STORAGE AVAILABLE W PAVD 130.5 NWS  
TO 136.0  
FILE: MAPLE1

HBC-1 INPUT PAGE 1

LINE	ID	1	2	3	4	5	6	7	8	9	10
1	ID	Maple Dunes									
2	ID	PEAK FLOW - MAPLE DUNES DEVELOPED									
3	ID	Q100 - 6HR STORM									
4	ID	FILE: MAPLE 1									
5	IT	2	0	181							
6	IO	5	0								
7	KK	SB1									
8	KH	COMPUTE HYDROGRAPH									
9	KO			21							
10	BA	.0703									
11	PS	.100	0	.87	1.86	3.8	4.6	5.1	6.0		
12	LS	0	81.0								
13	UD	.68									
14	KK	SB2									
15	KH	COMPUTE HYDROGRAPH									
16	KO			21							
17	EA	.0875									
18	LS	0	75.2								
19	UD	.27									
20	KK	SB3									
21	KH	COMPUTE HYDROGRAPH									
22	KO			21							
23	BA	.1297									
24	LS	0	81.0								
25	UD	1.12									
26	KK	J1	COMBINE SB1 THROUGH SB3 AT J1								
27	BC	3									
28	KO			21							
29	KK	WEIR	25' WEIR WITH 5'X3.5' NOTCH								
30	KH	ROUTE FLOW AT J1 THROUGH WEIR									
31	KO			21							
32	RS	1	STOR	-1							
33	SV	0	11.9								
34	SE	130.5	136.0								
35	SQ	0	100.8	208.6	372.8						
36	SE	130.5	134.0	135.0	136.0						
37	IS										

FLOOD HYDROGRAPH PACKAGE (HBC-1)  
MAY 1991  
VERSION 4.0.1E  
U.S. ARMY CORPS OF ENGINEERS  
HYDROLOGIC ENGINEERING CENTER  
609 SECOND STREET  
DAVIS, CALIFORNIA 95616  
(916) 551-1748

Maple Dunes  
PEAK FLOW - MAPLE DUNES DEVELOPED  
Q100 - 6HR STORM  
FILE: MAPLE 1

OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL  
QSCALE 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

HYDROGRAPH TIME DATA  
NINT 2 MINUTES IN COMPUTATION INTERVAL  
IDATE 1 0 STARTING DATE  
ITIME 0000 STARTING TIME  
NO 181 NUMBER OF HYDROGRAPH ORDINATES  
HDATE 1 0 ENDING DATE  
HTIME 0600 ENDING TIME  
ICENT 19 CENTURY MARK

COMPUTATION INTERVAL 0.03 HOURS  
TOTAL TIME BASE 6.00 HOURS

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

7 KK SB1  
9 KO  
OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL

OSCAL 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

14 KK SB2  
16 KO  
OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL  
QSCALE 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

20 KK SB3  
22 KO  
OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL  
QSCALE 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

26 IX J1  
COMBINE SB1 THROUGH SB3 AT J1

28 KO  
OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL  
QSCALE 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

29 KK WEIR  
25' WEIR WITH 5'X3.5' NOTCH

31 KO  
OUTPUT CONTROL VARIABLES  
IPRNT 5 PRINT CONTROL  
IPLOT 0 PLOT CONTROL  
QSCALE 0 HYDROGRAPH PLOT SCALE  
IPRCH 0 PUNCH COMPUTED HYDROGRAPH  
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT  
ISAV1 1 FIRST ORDIANATE PUNCHED OR SAVED  
ISAV2 181 LAST ORDIANATE PUNCHED OR SAVED  
TIMINT 0.033 TIME INTERVAL IN HOURS

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 MAXIMUM PERIOD			Basin Area	MAXIMUM STAGE	TIME OF MAX STAGE
				6-HOUR	24-HOUR	72-HOUR			
HYDROGRAPH AT	SB1	119.	3.77	28.	28.	28.	0.07		
HYDROGRAPH AT	SB2	207.	3.33	30.	30.	30.	0.09		
HYDROGRAPH AT	SB3	155.	4.27	46.	46.	46.	0.13		
3 COMBINED AT	J1	326.	3.56	104.	104.	104.	0.29		
ROUTED TO	WEIR	304.	3.97	90.	90.	90.	0.29	135.5'	

\*\*\* NORMAL END OF REC-1 \*\*\*

```

*****
* FLOOD HYDROGRAPH PACKAGE (REC-1) *
* MAY 1991 *
* VERSION 4.0.1E *
* RUN DATE 12/05/96 TIME 09:04:18 *
*****
  
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X I XIIIIXI IXIX I
X I X I X I
X I X I X I
X I X I X I
X I X I X I
X I XIIIIXI IXIX I
  
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THIS PROGRAM REPLACES ALL PREVIOUS VERSIONS OF REC-1 KNOWN AS REC1 (JAN 73), REC1G, REC1DB, AND REC1GW.

THE DEFINITIONS OF VARIABLES -STIME- AND -ETIOR- HAVE CHANGED FROM THOSE USED WITH THE 1973-STYLE INPUT STRUCTURE. THE DEFINITION OF -MSK- ON RH-CARD WAS CHANGED WITH REVISIONS DATED 28 SEP 81. THIS IS THE FORTRAN77 VERSION. NEW OPTIONS: DAMBRK 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.

MAPLE DUNES  
GAR - Q100 STORM  
EXISTING CONDITIONS  
FILE: MAPLE

```

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

```

REC-1 INPUT PAGE 1
LINE ID.....1.....2.....3.....4.....5.....6.....7.....8.....9.....10
1 ID Maple Dunes
2 ID PEAK FLOW EXISTING CONDITION
3 ID Q100 - 6HR STORM
4 ID File: Maple
5 IT 2 0 181
6 IO 5 0

7 KK SB1
8 KM COMPUTE HYDROGRAPH
9 KO 21
10 BA .0703
11 PE 100 0 .87 1.86 3.8 4.6 5.1 6.0
12 LS 0 81.0
13 UD .68

14 KK SB2
15 KM COMPUTE HYDROGRAPH
16 KO 21
17 BA .0875
18 LS 0 81.0
19 UD .96

20 KK SB3
21 KM COMPUTE HYDROGRAPH
22 KO 21
23 BA .1297
24 LS 0 81.0
25 UD 1.12

26 KK J1 COMBINE SB1 THROUGH SB3 AT J1
27 BC 3
28 KO 21
29 II
  
```

```

*****
* FLOOD HYDROGRAPH PACKAGE (REC-1) *
* MAY 1991 *
* VERSION 4.0.1E *
* RUN DATE 12/05/96 TIME 09:04:18 *
*****
  
```

```

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

Maple Dunes  
PEAK FLOW EXISTING CONDITION  
Q100 - 6HR STORM  
File: Maple

```

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
INITE 1 0 STARTING DATE
ITIME 0000 STARTING TIME
NQ 181 NUMBER OF HYDROGRAPH ORDINATES
NDATE 1 0 ENDING DATE
NRYIME 0000 ENDING TIME
ICENT 19 CENTURY MARK

COMPUTATION INTERVAL 0.03 HOURS
TOTAL TIME BASE 6.00 HOURS
  
```

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

\*\*\* NORMAL END OF REC-1 \*\*\*

```

OSCAL 0. HYDROGRAPH PLOT SCALE
IPWCH 0 PUNCH COMPUTED HYDROGRAPH
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT
ISAV1 1 FIRST ORDINATE PUNCHED OR SAVED
ISAV2 181 LAST ORDINATE PUNCHED OR SAVED
TIMINT 0.033 TIME INTERVAL IN HOURS
  
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\*\*\*\*\*

```

14 KK SB2
  
```

```

16 KO OUTPUT CONTROL VARIABLES
IPRNT 5 PRINT CONTROL
IPLOT 0 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE
IPWCH 0 PUNCH COMPUTED HYDROGRAPH
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT
ISAV1 1 FIRST ORDINATE PUNCHED OR SAVED
ISAV2 181 LAST ORDINATE PUNCHED OR SAVED
TIMINT 0.033 TIME INTERVAL IN HOURS
  
```

\*\*\*\*\*

```

20 KK SB3
  
```

```

22 KO OUTPUT CONTROL VARIABLES
IPRNT 5 PRINT CONTROL
IPLOT 0 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE
IPWCH 0 PUNCH COMPUTED HYDROGRAPH
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT
ISAV1 1 FIRST ORDINATE PUNCHED OR SAVED
ISAV2 181 LAST ORDINATE PUNCHED OR SAVED
TIMINT 0.033 TIME INTERVAL IN HOURS
  
```

\*\*\*\*\*

```

26 KK J1 COMBINE SB1 THROUGH SB3 AT J1
  
```

```

28 KO OUTPUT CONTROL VARIABLES
IPRNT 5 PRINT CONTROL
IPLOT 0 PLOT CONTROL
QSCAL 0. HYDROGRAPH PLOT SCALE
IPWCH 0 PUNCH COMPUTED HYDROGRAPH
IOPT 21 SAVE HYDROGRAPH ON THIS UNIT
ISAV1 1 FIRST ORDINATE PUNCHED OR SAVED
ISAV2 181 LAST ORDINATE PUNCHED OR SAVED
TIMINT 0.033 TIME INTERVAL IN HOURS
  
```

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 MAXIMUM PERIOD			Basin Area	MAXIMUM STAGE	TIME OF MAX STAGE
				6-HOUR	24-HOUR	72-HOUR			
HYDROGRAPH AT	SB1	119.	3.77	28.	28.	28.	0.07		
HYDROGRAPH AT	SB2	117.	4.07	33.	33.	33.	0.09		
HYDROGRAPH AT	SB3	155.	4.27	46.	46.	46.	0.13		
3 COMBINED AT	J1	366.	4.03	107.	107.	107.	0.29		

\*\*\* NORMAL END OF REC-1 \*\*\*

# LOT GRADING PLAN MAPLE DUNES ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS SW 1/4, SECTION 24, T27S, R2W

MAY 1, 1997  
REVISED DECEMBER 10, 1997  
REVISED JULY 16, 1998

△ Denotes revisions for that date.

ELEVATIONS SHOWN AROUND STREET R/W ARE STREET R/W ELEVATIONS,  
NOT TOP OF CURB ELEVATIONS. TOP OF CURB ELEVATIONS ARE  
0.5 FEET LOWER THAN STREET R/W ELEVATIONS.

### LEGEND

- G = GARAGE FLOOR ELEVATION
- F = TOP OF FOUNDATION WALL ELEVATION
- R = REAR SOL. ELEVATION (VIEW OUT)  
(REAR WALL 0.5' ABOVE SOIL & 3.5' ABOVE BASEMENT FLOOR)
- W = BASEMENT FLOOR ELEVATION (WALK OUT)
- ⊙ = NO VIEW OUT
- ⊖ = VIEW OUT
- ⊕ = WALKOUT

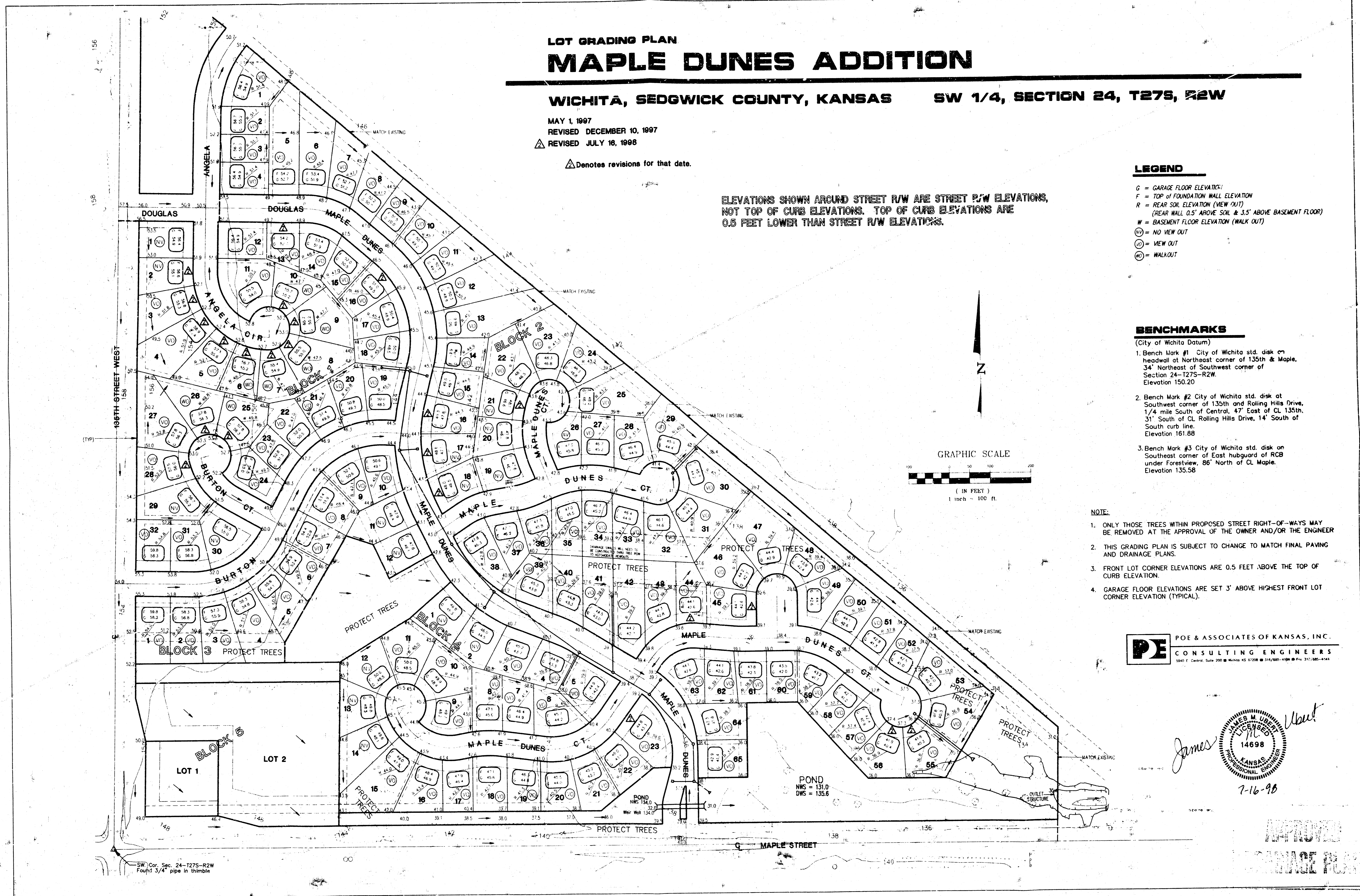
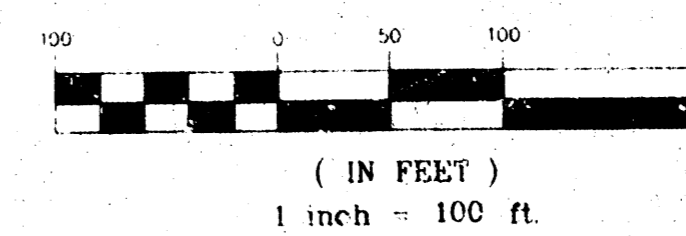
### BENCHMARKS

- (City of Wichita Datum)
- Bench Mark #1 City of Wichita std. disk on headwall at Northeast corner of 135th & Maple, 34' Northeast of Southwest corner of Section 24-T27S-R2W. Elevation 150.20
  - Bench Mark #2 City of Wichita std. disk at Southwest corner of 135th and Rolling Hills Drive, 1/4 mile South of Central, 47' East of CL 135th, 31' South of CL Rolling Hills Drive, 14' South of South curb line. Elevation 161.88
  - Bench Mark #3 City of Wichita std. disk on Southeast corner of East hubguard of RCB under Forestview, 86' North of CL Maple. Elevation 135.58

### NOTE:

- ONLY THOSE TREES WITHIN PROPOSED STREET RIGHT-OF-WAYS MAY BE REMOVED AT THE APPROVAL OF THE OWNER AND/OR THE ENGINEER
- THIS GRADING PLAN IS SUBJECT TO CHANGE TO MATCH FINAL PAVING AND DRAINAGE PLANS.
- FRONT LOT CORNER ELEVATIONS ARE 0.5 FEET ABOVE THE TOP OF CURB ELEVATION.
- GARAGE FLOOR ELEVATIONS ARE SET 3' ABOVE HIGHEST FRONT LOT CORNER ELEVATION (TYPICAL).

GRAPHIC SCALE



**PE** POE & ASSOCIATES OF KANSAS, INC.  
CONSULTING ENGINEERS  
5840 E. Central, Suite 200 • Wichita, KS 67208 • 316/865-1198 • Fax: 317/865-4141

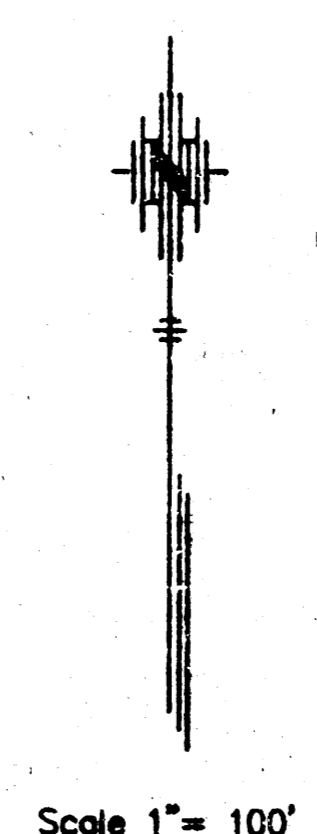
*James M. [Signature]*  
Professional Engineer  
14698  
7-16-98

F:\APPS\DATA\PE\01\lgrd.dwg Mon Jul 20 07:49:20 1998 James M. [Signature] Poe & Associates of Kansas, Inc.

SW Cor. Sec. 24-T27S-R2W  
Found 3/4" pipe in thimble

# DRAINAGE PLAN MAPLE DUNES ADDITION

DECEMBER 5, 1996



Visible topography from  
aerial photography  
taken 7-12-96 by:  
WESTERN AIR MAPS, INC.  
LEWIS, MISSOURI 64503

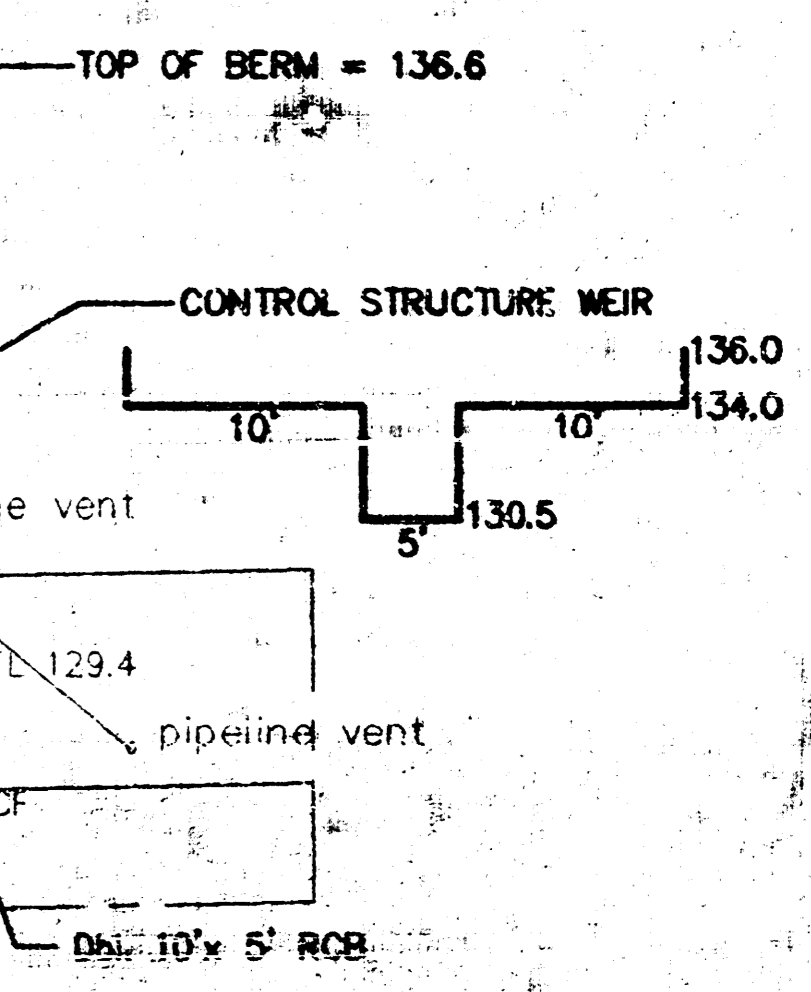
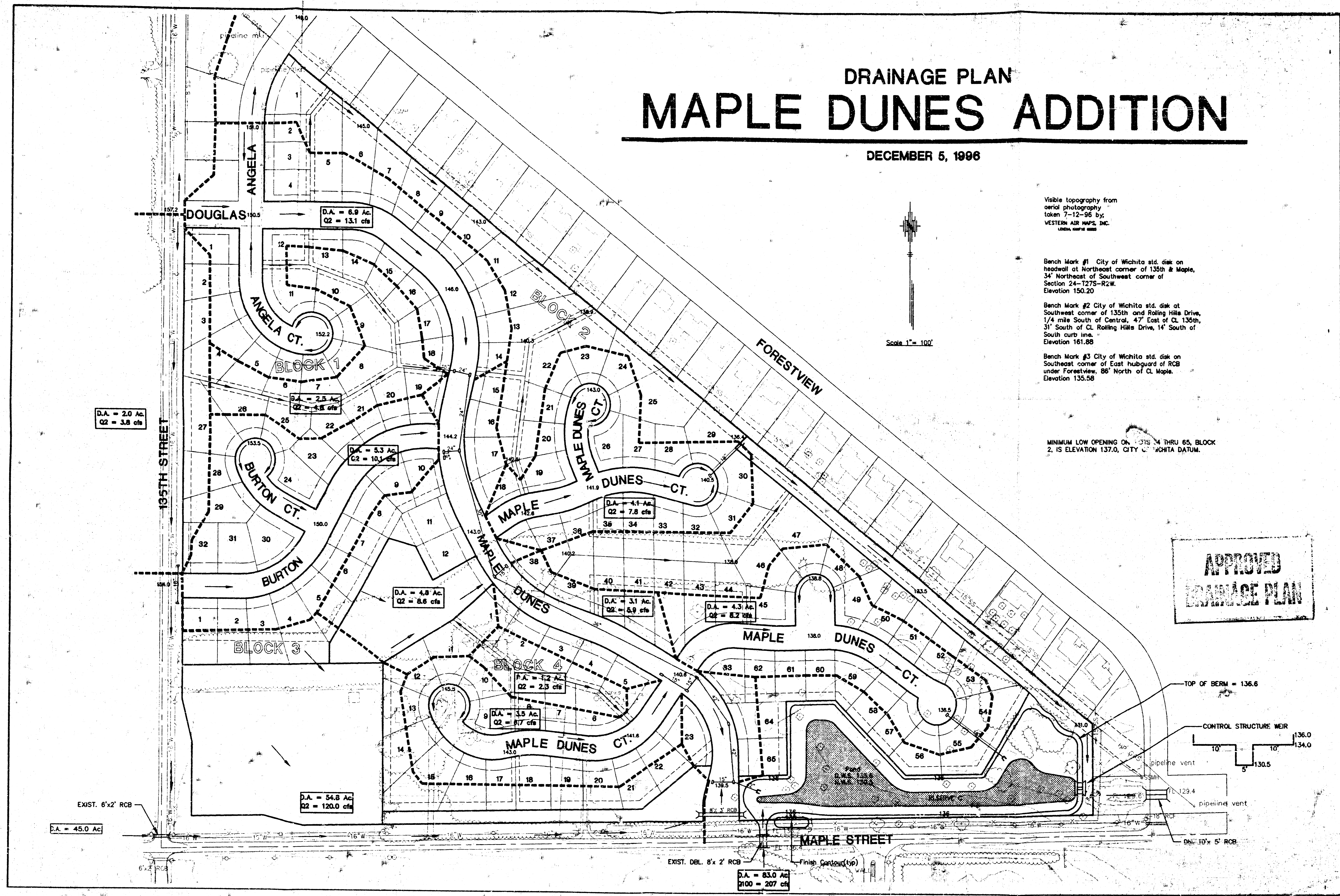
Bench Mark #1 City of Wichita std. disk on  
headwall at Northeast corner of 135th & Maple,  
34' Northeast of Southwest corner of  
Section 24-T27S-R2W.  
Elevation 150.20

Bench Mark #2 City of Wichita std. disk at  
Southwest corner of 135th and Rolling Hills Drive,  
1/4 mile South of Central, 47' East of CL 135th,  
31' South of CL Rolling Hills Drive, 14' South of  
South curb line.  
Elevation 161.88

Bench Mark #3 City of Wichita std. disk on  
Southeast corner of East hubguard of RCB  
under Forestview, 85' North of CL Maple.  
Elevation 135.58

MINIMUM LOW OPENING ON STS 34 THRU 65, BLOCK  
2, IS ELEVATION 137.0, CITY OF WICHITA DATUM.

**APPROVED  
DRAINAGE PLAN**

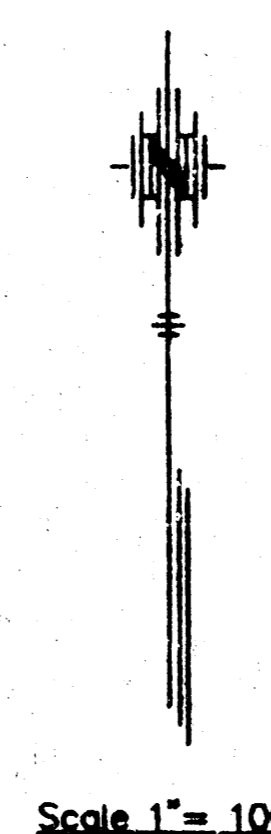


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# DRAINAGE PLAN MAPLE DUNES ADDITION

DECEMBER 5, 1996

Visible topography from  
aerial photography  
taken 7-12-96 by  
WESTERN AIR MAPS, INC.  
1:25,000 scale

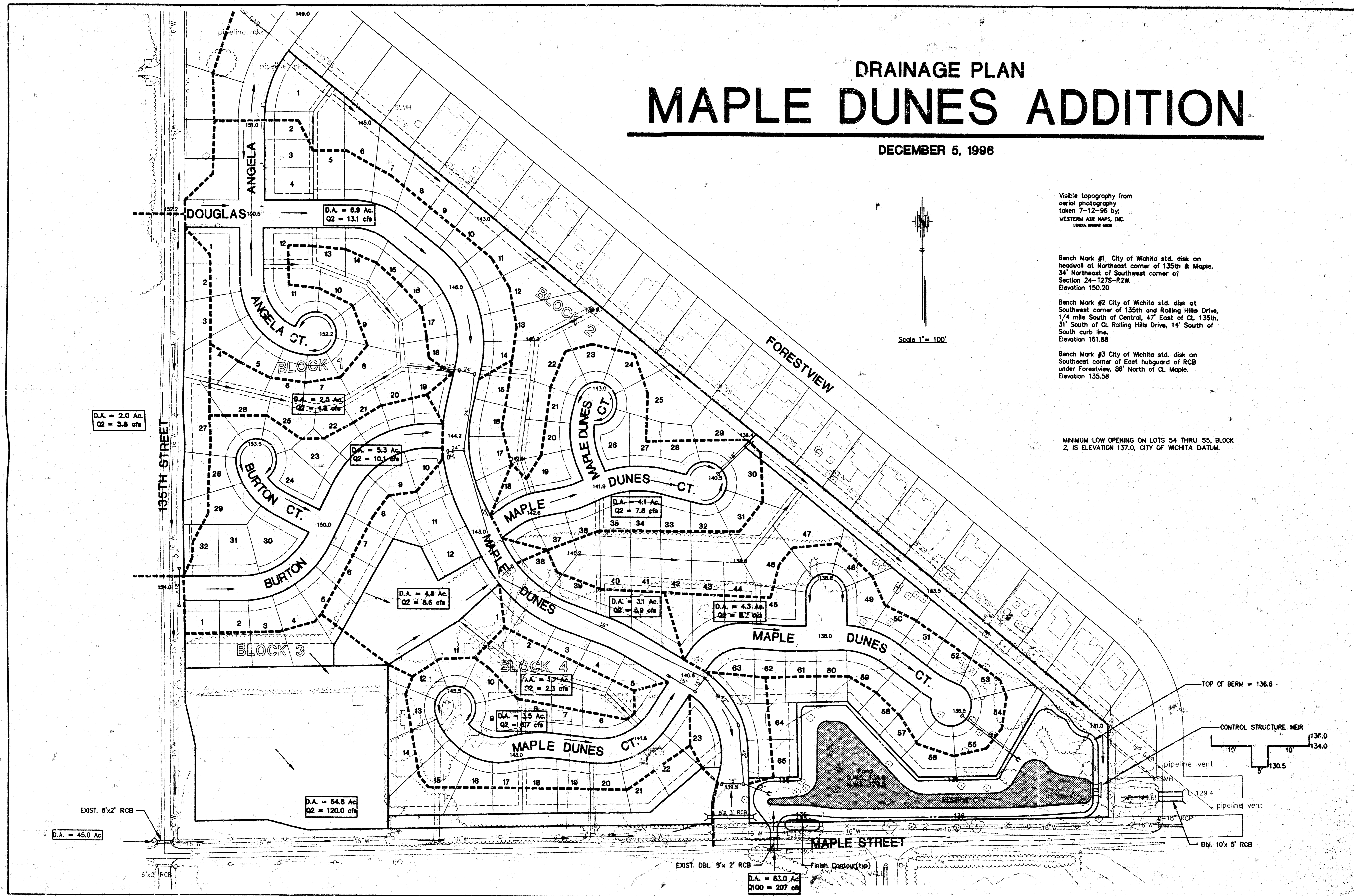


Bench Mark #1 City of Wichita std. disk on  
headwall at Northeast corner of 135th & Maple,  
34' Northeast of Southwest corner of  
Section 24-T27S-R2W.  
Elevation 150.20

Bench Mark #2 City of Wichita std. disk at  
Southwest corner of 135th and Rolling Hills Drive,  
1/4 mile South of Central, 47' East of CL 135th,  
31' South of CL Rolling Hills Drive, 14' South of  
South curb line.  
Elevation 161.88

Bench Mark #3 City of Wichita std. disk on  
Southeast corner of East hubguard of RCB  
under Forestview, 86' North of CL Maple.  
Elevation 135.58

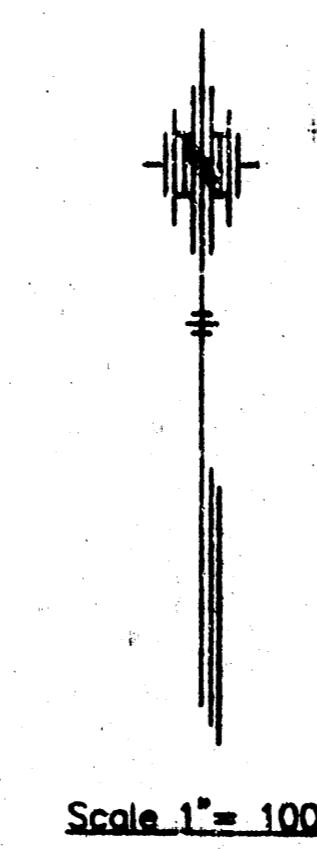
MINIMUM LOW OPENING ON LOTS 54 THRU 55, BLOCK  
2, IS ELEVATION 137.0, CITY OF WICHITA DATUM.



X:\MAPS\UDA\PA\001\URBAN Fr1 Dec 8 11:08:59 1996 dan haskins

# DRAINAGE PLAN MAPLE DUNES ADDITION

DECEMBER 5, 1996



Visible topography from  
aerial photography  
taken 7-12-96 by;  
WESTERN AIR MAPS, INC.  
UTMA, NUMBER 000

Bench Mark #1 City of Wichita std. disk on  
headwall at Northeast corner of 135th & Maple,  
34' Northeast of Southwest corner of  
Section 24-1275-R2W.  
Elevation 150.20

Bench Mark #2 City of Wichita std. disk at  
Southwest corner of 135th and Rolling Hills Drive,  
1/4 mile South of Central, 47' East of CL 135th,  
31' South of CL Rolling Hills Drive, 14' South of  
South curb line.  
Elevation 161.88

Bench Mark #3 City of Wichita std. disk on  
Southeast corner of East hubguard of RCB  
under Forestview, 86' North of CL Maple.  
Elevation 135.58

MINIMUM LOW OPENING ON LOTS 54 THRU 65, BLOCK  
2, IS ELEVATION 137.0, CITY OF WICHITA DATUM.

