

SURFACE FLOW ROUTING SUMMARY

ANALYSIS POINTS	Q _s (cfs)	Q ₁₀₀ (cfs)
AP-1	15.6	32.3
AP-2	11.2	16.1
AP-3	19.0	46.2
AP-4	6.4	23.1
AP-5	12.6	23.1
AP-6	8.2	14.7
AP-7	11.9	24.6
AP-8	11.9	24.6
AP-9	4.7	9.7
AP-10	8.1	14.0
AP-11	5.4	14.0
AP-12	14.4	18.6
AP-13	15.5	41.4
AP-14	13.7	17.8
AP-15	14.0	34.3
AP-16	14.3	18.6
AP-17	14.6	35.5
AP-18	11.7	24.4
AP-19	5.1	13.3
AP-20	13.4	28.2
AP-21	7.4	15.5

STORM SEWER ROUTING SUMMARY

ANALYSIS POINTS	Q _s (cfs)	Q ₁₀₀ (cfs)
AP-2	7.1	10.2
AP-4	6.4	23.1
AP-5	19.0	46.1
AP-6	5.6	8.0
AP-7	11.9	24.6
AP-8	11.9	24.6
AP-9	3.0	4.6
AP-10	5.2	7.9
AP-11	3.7	6.7
AP-12	6.2	7.1
AP-13	15.5	41.4
AP-14	5.5	6.3
AP-15	14.0	34.3
AP-16	5.8	6.7
AP-17	14.6	35.5
AP-18	11.7	24.4
AP-19	3.3	5.9
AP-20	11.5	23.2
SP-1	25.5	55.3
SP-2	10.3	28.3
SP-2A	6.3	13.6
SP-3	31.2	69.5
SP-4	33.2	72.1
SP-5	14.1	19.8
SP-5	29.6	61.1
SP-7	34.8	66.5
SP-8	48.1	99.6
SP-9	53.2	105.0
SP-10	87.2	139.3
SP-11	75.8	157.1
SP-12	127.0	268.7
SP-13	131.6	275.2
SP-14	133.9	279.1
SP-15	14.3	28.2
SP-16	146.7	304.4

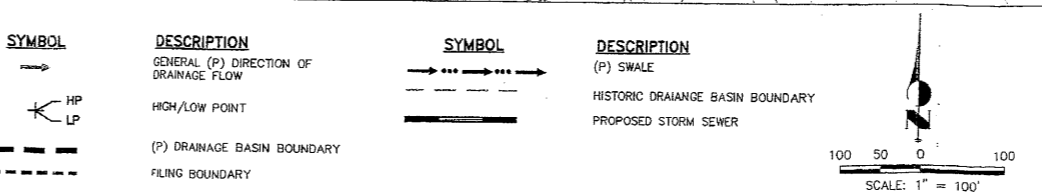
DRAINAGE BASIN DATA SUMMARY

BASIN	AREA (AC)	Q _s (cfs)	Q ₁₀₀ (cfs)
A	3.2	6.5	13.6
B	4.2	8.5	17.6
C	2.1	4.4	9.2
D	5.3	11.2	23.2
E	2.2	4.6	9.6
F1	2.5	6.3	13.6
F2	5.4	5.9	16.8
G	12.1	23.7	49.1
H	2.2	4.7	9.7
I	6.5	13.5	27.9
J	9.6	17.9	37.3
K	1.3	2.6	5.5
L	9.0	17.1	35.5
M	1.4	2.9	6.0
N	9.6	17.9	37.2
O	1.4	2.8	5.8
P	5.9	11.8	24.4
Q	0.4	0.9	1.8
R	6.0	12.3	25.5
S	7.5	15.9	33.1
T	4.4	9.1	19.0
U	1.4	3.1	6.4
V	2.0	4.4	9.2
W	2.7	5.2	11.0

STATEMENT:
THE CITY OF COLORADO SPRINGS RECOGNIZES THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE CITY HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.
RESUBMITTAL REQUIRED IF CONSTRUCTION HAS NOT COMMENCED WITHIN 180 DAYS AFTER REVIEW DATE.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
(---)	10' EXIST. GROUND CONTOUR	(AP-#)	ANALYSIS POINT	(HP)	HIGH/LOW POINT
(---)	2' EXIST. GROUND CONTOUR	(SP-#)	SURFACE FLOW ANALYSIS POINT	(---)	(P) DRAINAGE BASIN BOUNDARY
(---)	10' PROP. GROUND CONTOUR	(X)	BASIN DESIGNATION	(---)	FILING BOUNDARY
(---)	2' PROP. GROUND CONTOUR	(##)	BASIN AREA (ACRES)		



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE CITY ENGINEER, THE ENGINEER'S USE IS LIMITED TO THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
KF 103-CV LLC
536 CHAPEL HILLS DRIVE, SUITE 150
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NO.	REVISION	DATE	BY

H-Scale: 1"=100'
V-Scale: N/A
DATE: 01/25/05
DESIGNED BY: VSF
DRAWN BY: JAB
CHECKED BY: []

REPORT FOR CUMBRE VISTA SUBDIVISION
FILINGS NO. 1,2,3,4, AND 5
PRELIMINARY/FINAL DRAINAGE
MAP
DEVELOPED CONDITION

SHEET 1 OF 1
JOB NO. 29094.45