



SCALE 1" = 100'

NOTE

THIS IS A FINAL DRAINAGE PLAN FOR THE PLATTED SINGLE FAMILY & PARK PORTION OF BROADMOOR BLUFFS ESTATES. THE DRAINAGE PLAN FOR BROADMOOR BLUFFS DRIVE, FARTHING DRIVE, & PRELIMINARY STUDY OF THE SINGLE FAMILY AREA WAS APPROVED BY THE CITY OF COLORADO SPRINGS ON SEPT. 24, 1984. REF DREXEL BARRELL & CO. JOB NO. E-3098 DWG. NO. 30 470.

LEGEND

- MAJOR BASIN IN STUDY
- MINOR BASIN
- MINOR BASIN DESIGNATION
- AREA IN ACRES
- 4.2 5 YEAR RUNOFF, IN CFS
- 11.6 100 YEAR RUNOFF, IN CFS
- STREET GRADE
- 2% 5 YEAR/100 YEAR/ALLOWABLE 1/2 STREET FLOWS TO CROWN & (10' TOP OF CURB)
- 2.0/4.0/6.0 FLOWS TO CROWN & (10' TOP OF CURB)
- 6" INLET
- 2.0/4.0/6.0 5 YEAR PICKUP/100 YEAR PICKUP/CAPACITY
- 2.0 5 YEAR FLOW BY A POINT, IN CFS
- 6.0 100 YEAR FLOW BY A POINT, IN CFS
- 9.5 ± 2.0 TOTAL PEAK FLOW AT A POINT, IN CFS
- 10.0 ± 5.0 DIRECTION OF FLOW (PROPOSED)

These detailed plans and specifications were prepared under my direction and supervision. Said detailed plans and specifications have been prepared according to the criteria established by the City of Colorado Springs and are in conformity with the master plan of the drainage basin. Said detailed drainage plans and specifications meet the purposes for which the particular drainage facility is designed. I accept responsibility for any liability caused by the negligent acts, errors or omissions on my part in preparation of the detailed drainage plans and specifications.

By: *John Common*
John Common, P.E. #17956
for Drexel, Barrell & Co.

FINAL DRAINAGE PLAN
FOR
THE SINGLE FAMILY PORTION OF BROADMOOR BLUFFS ESTATES
COLORADO SPRINGS, COLORADO

FOR
GATES LAND COMPANY

DREXEL, BARRELL & CO.
ENGINEERS AND SURVEYORS
1200 N. H. HANCOCK STREET
COLORADO SPRINGS, COLORADO 80902
(303) 442-4148
(303) 553-5525

Date	DEC. 10, 1984	Drawn by	JAN NO. E-3098
Scale	1" = 100'	Checked by	DM
Revision		Drawn by	RK
		Drawn by	3D
		Drawn by	529

FOR TRIBUTARY FLOWS BASINS 1 THROUGH 5
SEE DRAINAGE REPORT & MAP FOR NEAL RANCH FILING NO. 2, BROADMOOR BLUFFS PARK FILING NO. 8, & FARTHING DRIVE PREPARED BY KBNA (JOB NO. 8055) APPROVED BY THE CITY OF COLORADO SPRINGS ON JULY 5, 1984.