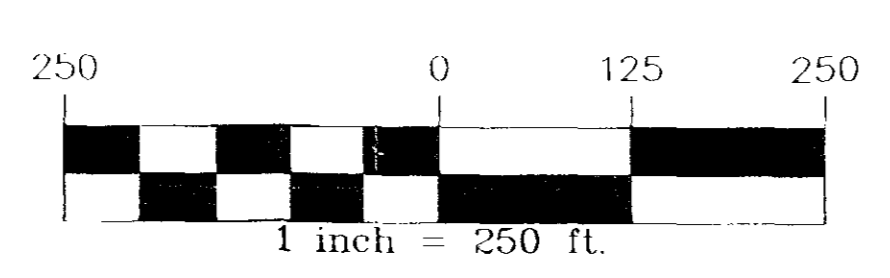
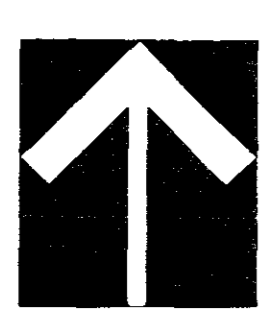
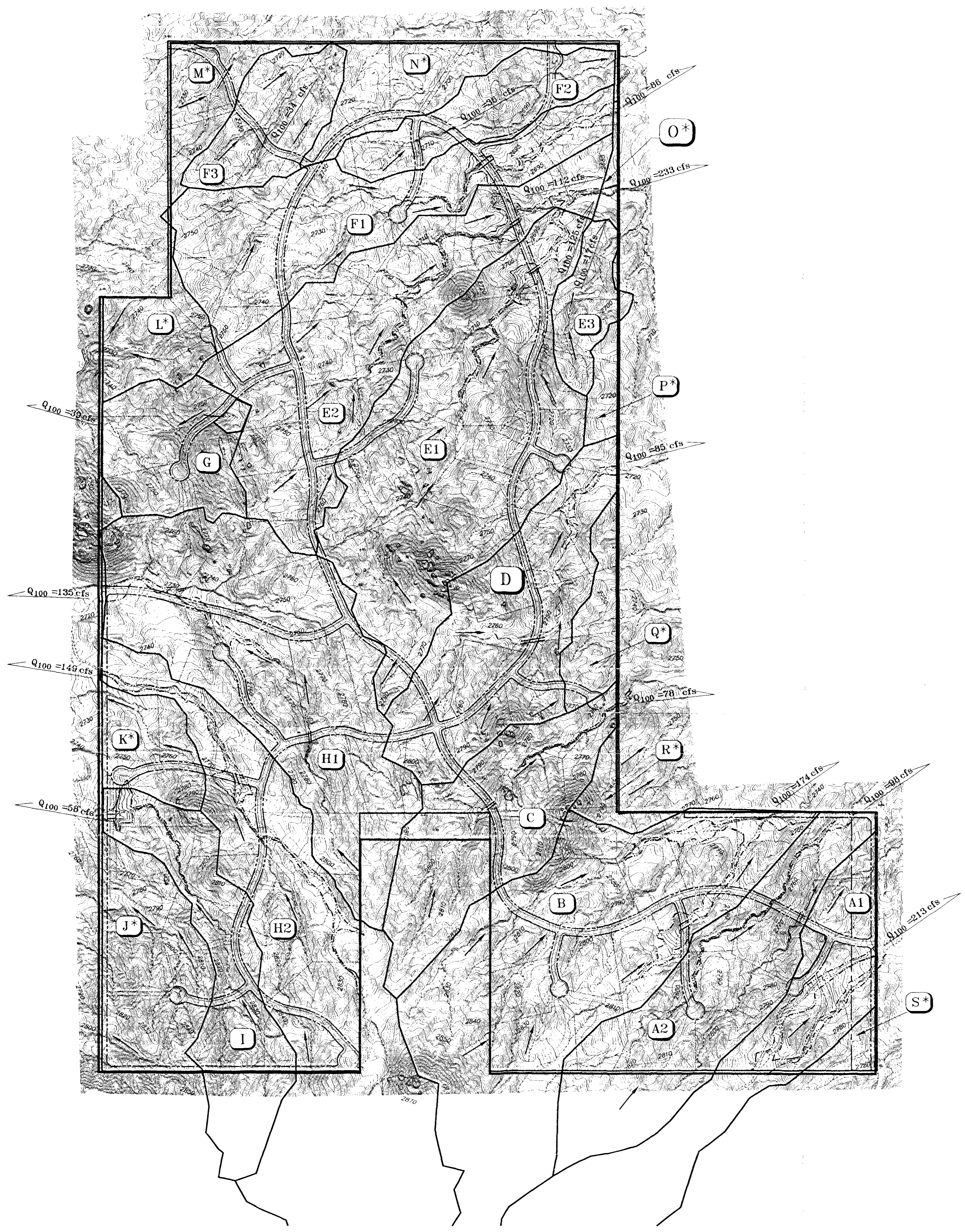




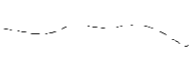
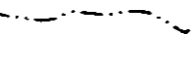
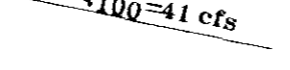
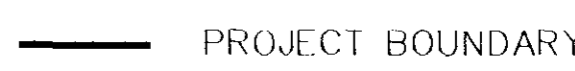

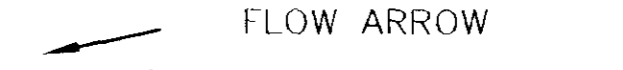

LEGEND

- HEC-1 SUB-BASIN ID AND CONCENTRATION POINT
- SUB-BASIN BOUNDARY
- FLOWLINE
- FLOODPLAIN BOUNDARY
- 404 WASH
- POST-DEVELOPMENT PEAK FLOW

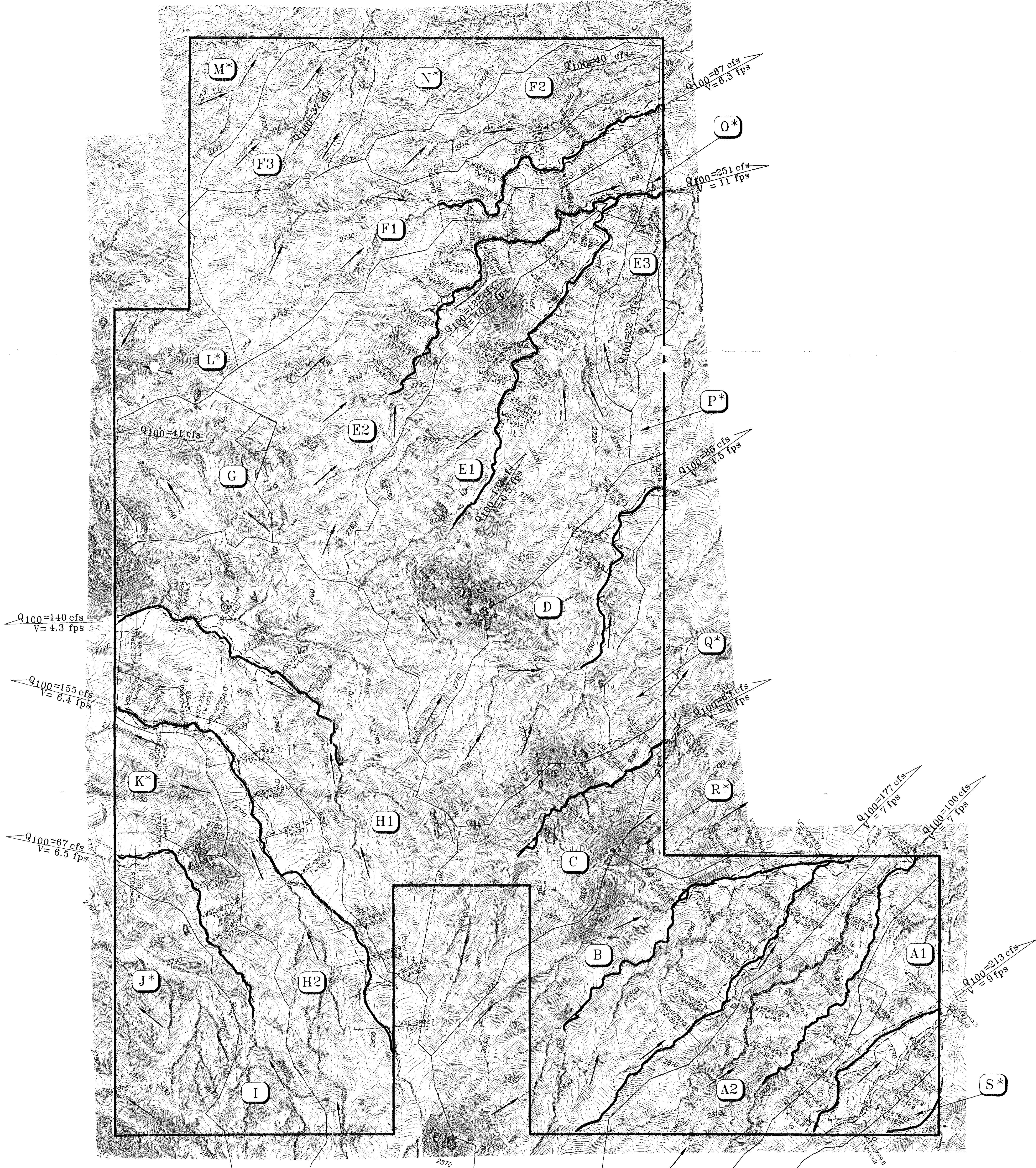
- PROJECT BOUNDARY
- EXISTING 1 FOOT CONTOUR LABEL
- FLOW ARROW
- HEC-RAS CROSS SECTION WITH RIVER STATION, WATER SURFACE ELEVATION AND TOP WIDTH
- RIP RAP



LEGEND

-  HEC-1 SUB-BASIN ID AND CONCENTRATION POINT
-  SUB-BASIN BOUNDARY
-  FLOWLINE
-  FLOODPLAIN BOUNDARY
-  POST-DEVELOPMENT PEAK FLOW
-  PROJECT BOUNDARY
-  EXISTING 1 FOOT CONTOURS LABEL
-  FLOW ARROW
-  DETENTION BASIN

*BASINS NOT INCLUDED IN THE PRE-DEVELOPMENT HEC-1 MODEL



$Q_{100}=140$ cfs
 $V=4.3$ fps

$Q_{100}=155$ cfs
 $V=6.4$ fps

$Q_{100}=67$ cfs
 $V=6.5$ fps

$Q_{100}=40$ cfs

$Q_{100}=87$ cfs
 $V=6.3$ fps

$Q_{100}=251$ cfs
 $V=11$ fps

$Q_{100}=41$ cfs

$Q_{100}=122$ cfs
 $V=10.5$ fps

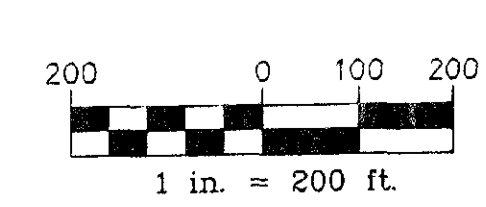
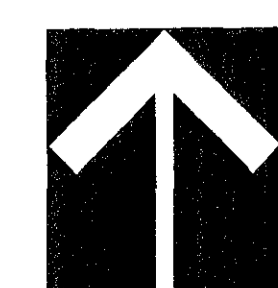
$Q_{100}=86$ cfs
 $V=4.5$ fps

$Q_{100}=83$ cfs
 $V=8$ fps

$Q_{100}=177$ cfs
 $V=7$ fps

$Q_{100}=100$ cfs
 $V=7$ fps

$Q_{100}=213$ cfs
 $V=9$ fps



LEGEND

H2 HEC-1 SUB-BASIN ID AND CONCENTRATION POINT

— SUB-BASIN BOUNDARY

— FLOWLINE

— FLOODPLAIN BOUNDARY

— 404 WASH

$Q_{100}=41$ cfs
 $V=5$ fps PRE-DEVELOPMENT PEAK FLOW AND CORRESPONDING VELOCITY

*BASINS NOT INCLUDED IN THE PRE-DEVELOPMENT HEC-1 MODEL

— PROJECT BOUNDARY

2790 EXISTING 1 FOOT CONTOUR LABEL

— FLOW ARROW

3
 $VSE=2762.70$
 $TW=61.10$ HEC-RAS CROSS SECTION WITH RIVER STATION, WATER SURFACE ELEVATION AND TOP WIDTH