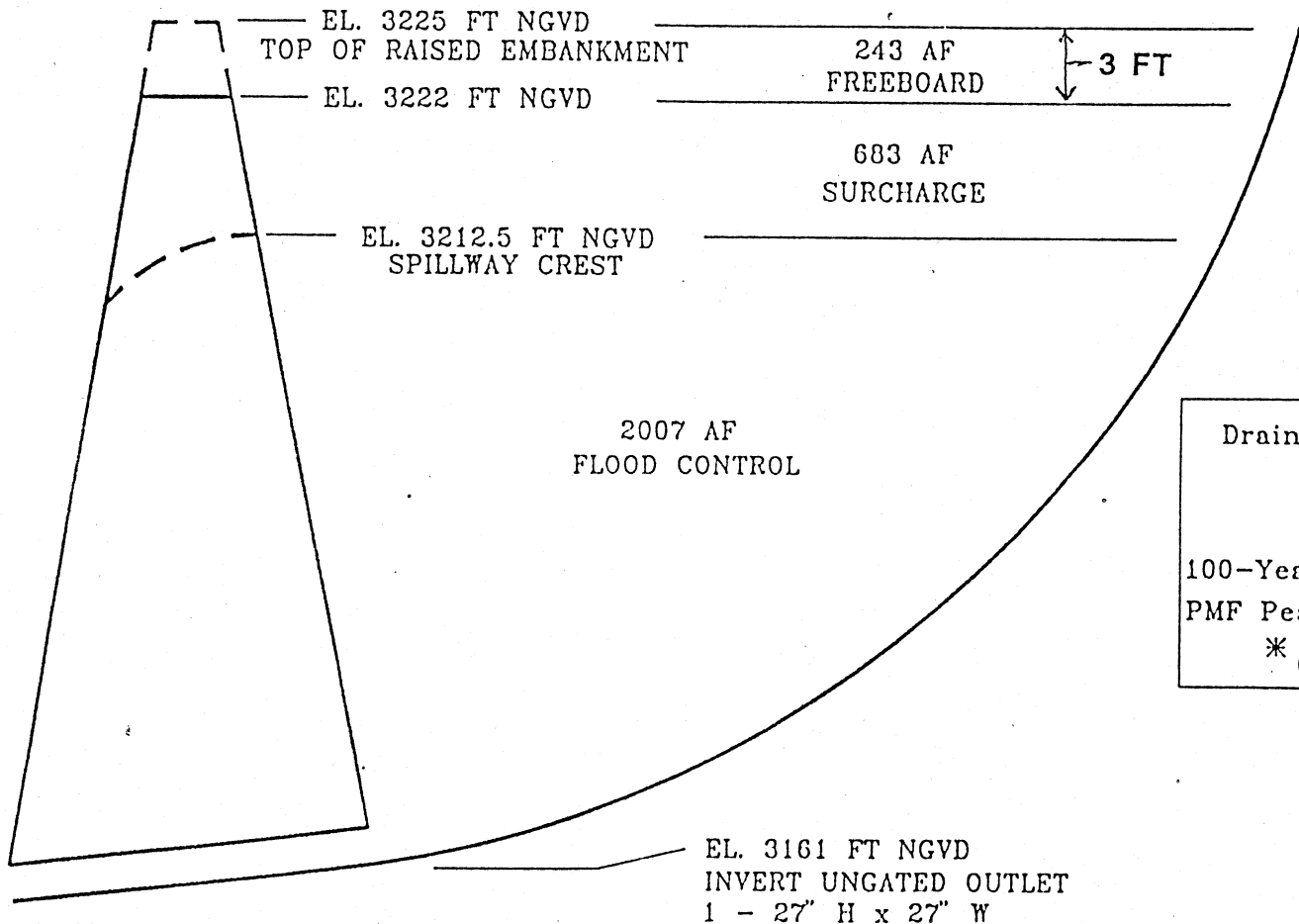


Plates 2-3 are not currently available.

For additional information, please contact the Los Angeles District Public Affairs Office at (213) 452-3908.



Drainage Area = 55.2 mi²

INFLOW

100-Year Peak = 12,800 ft³/s*

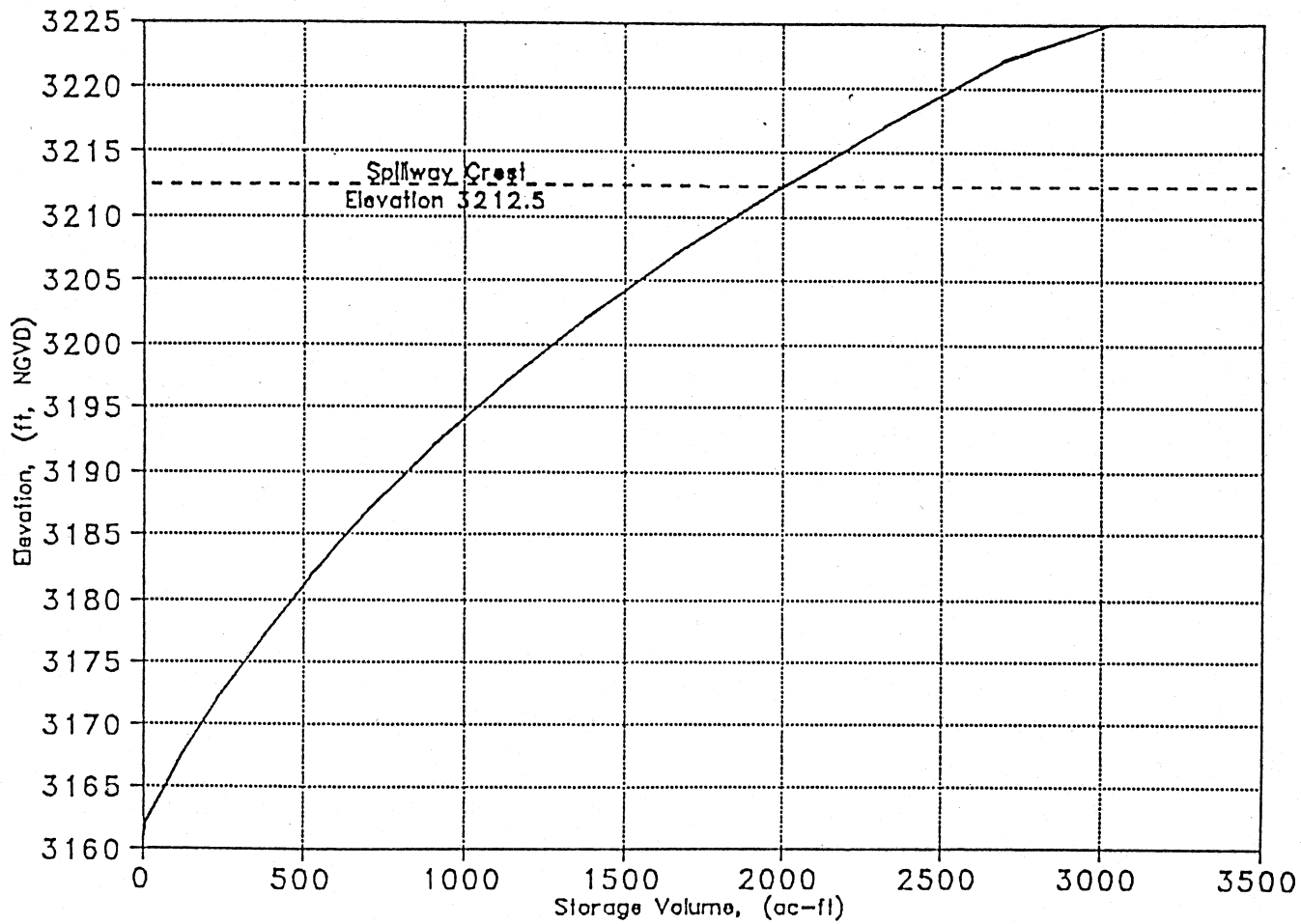
PMF Peak = 110,000 ft³/s

* Computed Probability

RED ROCK DETENTION BASIN
LAS VEGAS, NEVADA

RESERVOIR STORAGE
ALLOCATION DIAGRAM

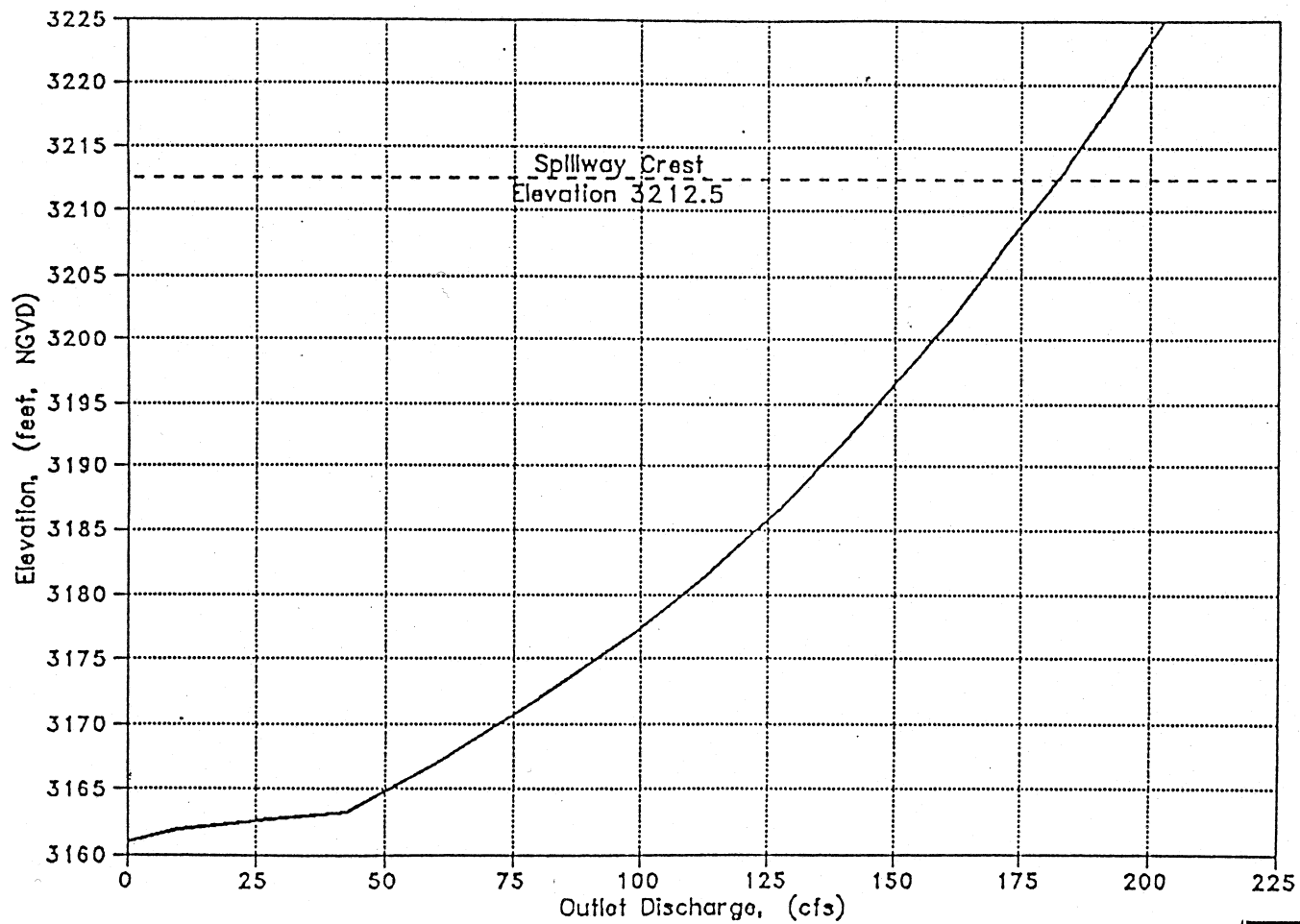
U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT



RED ROCK DETENTION BASIN
LAS VEGAS, NEVADA

RED ROCK DETENTION BASIN
STORAGE ELEVATION CURVE

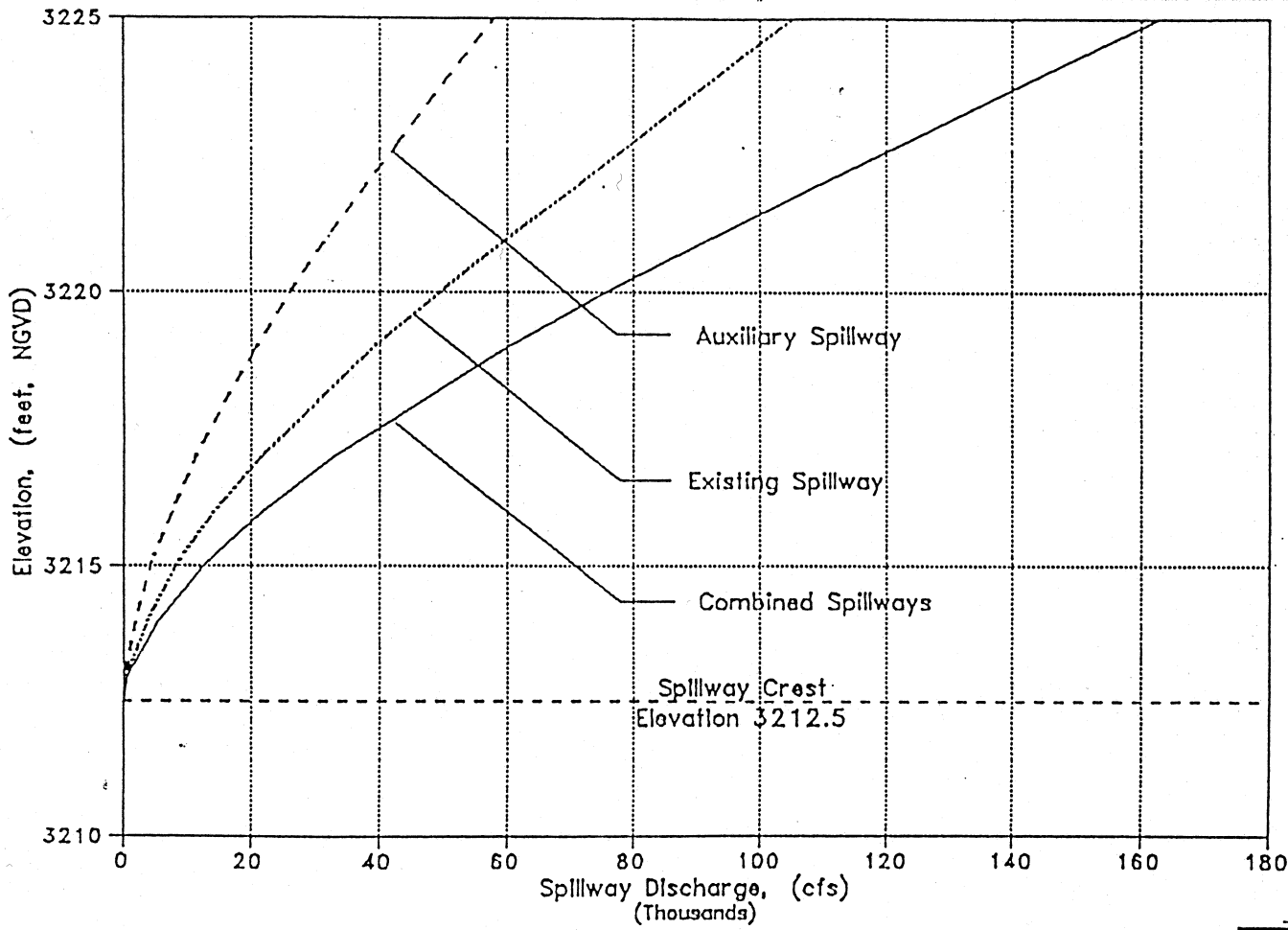
U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT



RED ROCK DETENTION BASIN
LAS VEGAS, NEVADA

RED ROCK DETENTION BASIN
OUTLET DISCHARGE CURVE

U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT

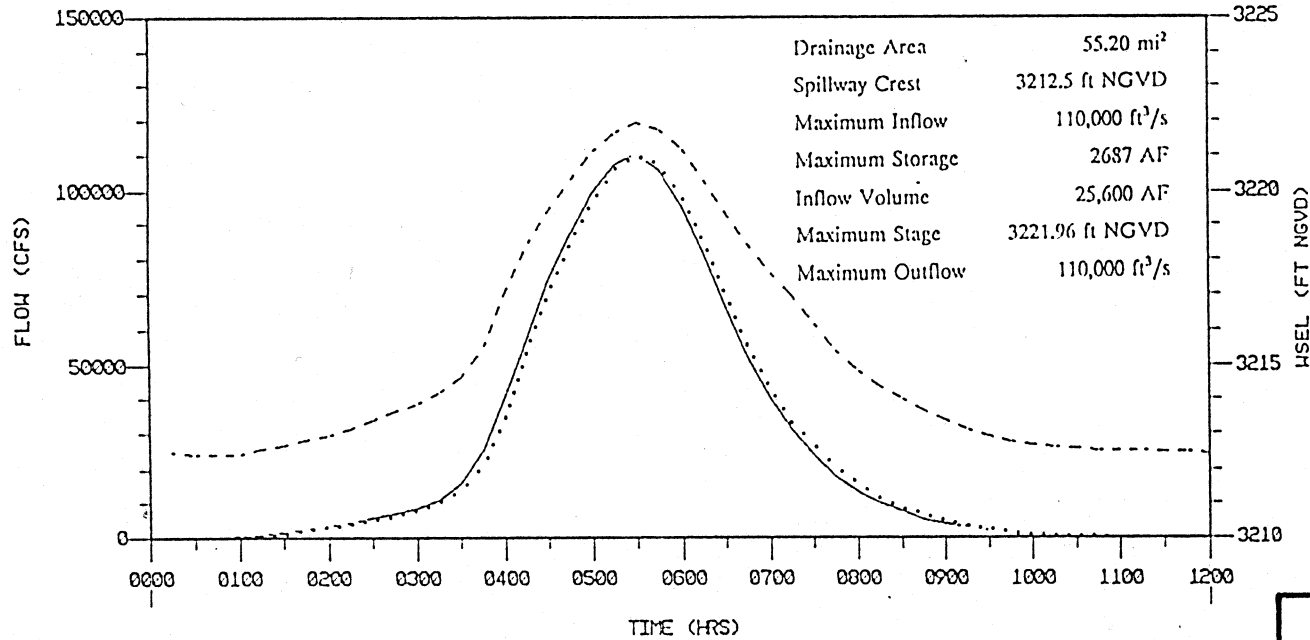
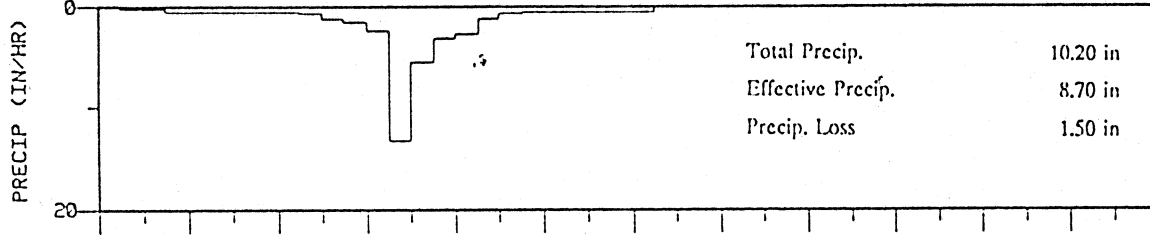


RED ROCK DETENTION BASIN
LAS VEGAS, NEVADA

RED ROCK DETENTION BASIN
SPILLWAY RATING CURVES

U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT

RED ROCK DETENTION BASIN - PROBABLE MAXIMUM FLOOD



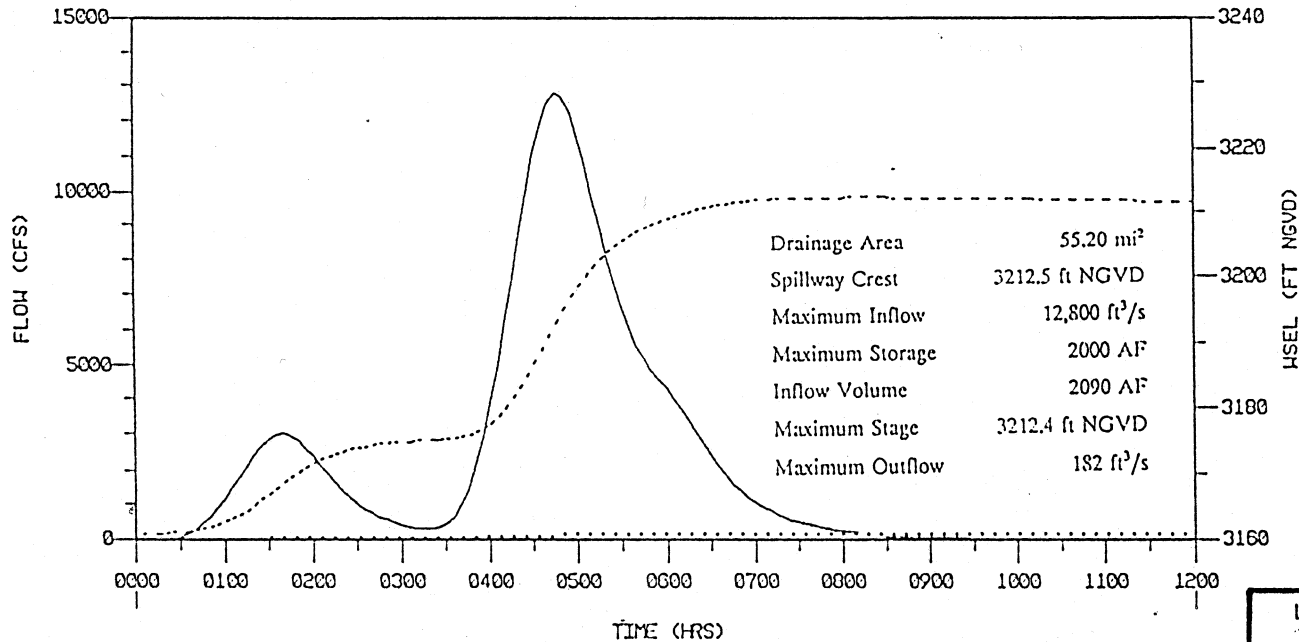
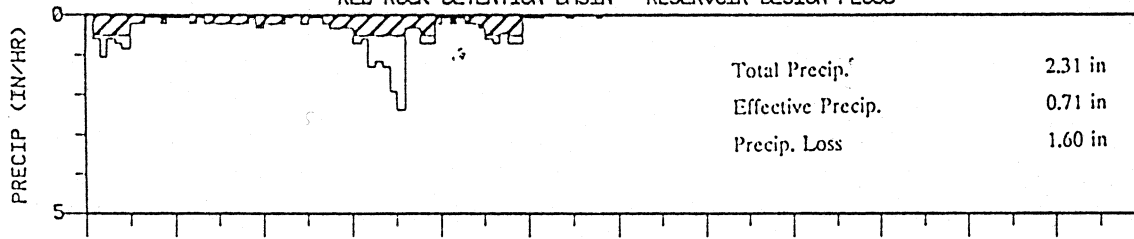
——— INFLOW
 OUTFLOW
 - - - - WATER SURFACE ELEVATION

LAS VEGAS WASH AND TRIBUTARIES
 (TROPICANA & FLAMINGO WASHES)
 DESIGN MEMORANDUM

RED ROCK DETENTION BASIN
 PROBABLE MAXIMUM FLOOD
 INFLOW
 HYDROGRAPH

U.S. ARMY CORPS OF ENGINEERS
 LOS ANGELES DISTRICT

RED ROCK DETENTION BASIN - RESERVOIR DESIGN FLOOD

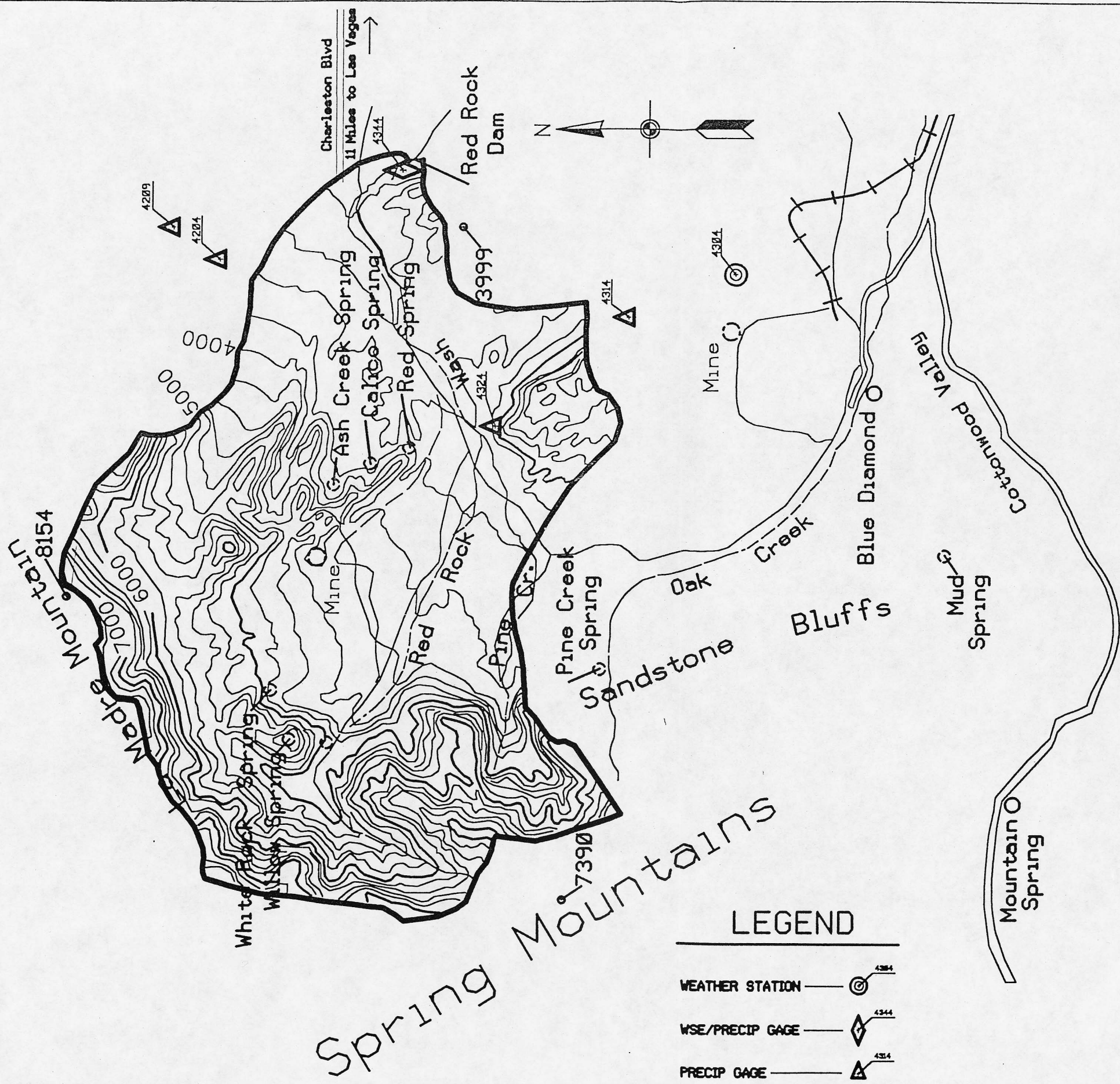


_____ INFLOW
 OUTFLOW
 - - - - - WATER SURFACE ELEVATION




LAS VEGAS WASH AND TRIBUTARIES
 (TROPICANA & FLAMINGO WASHES)
 DESIGN MEMORANDUM

RED ROCK DETENTION BASIN
 RESERVOIR DESIGN FLOOD
 INFLOW, OUTFLOW & STAGE
 HYDROGRAPHS

U.S. ARMY CORPS OF ENGINEERS
 LOS ANGELES DISTRICT



Spring Mountains

- LEGEND**
- WEATHER STATION —  4204
 - WSE/PRECIP GAGE —  4324
 - PRECIP GAGE —  4314

RED ROCK DETENTION BASIN LAS VEGAS, NEVADA
DRAINAGE AREA MAP SHOWING LOCATIONS OF COUNTY GAGES AND RED ROCK DETENTION BASIN
U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT