



DETENTION CALCULATIONS

Total Site 23.488 Acres
 Developed 23.488 x .27 = 6.341 ac
 Undeveloped 23.488 x .71 = 16.867 ac
 Differential Runoff 23.488 ac
 Storage Required 23.488 x 1800 (10 min) = 42,278 cu ft

Volume of Cut in Flood Plain 60,480 cu ft
 Volume of Fill in Flood Plain 16,011 cu ft
 Volume of Excess Storage in Flood Plain 44,463 cu ft

FINAL SURVEY PLANNED DATE: 1/15/84
 DATE PLOTTED: 1/15/84
 PLOTTER: PLOTTER

ORIGINAL SURVEY PLANNED DATE: 1/15/84
 DATE PLOTTED: 1/15/84
 PLOTTER: PLOTTER

PLATE 3-FULL CROSS SECTION LINE & DOT
 TELETYPE
 PRINTED IN U.S.A.

PROPERTY OF
 CITY OF OMAHA
 BUILDING DEPARTMENT

MARIE ESTATES PHASE II
 STREET, SANITARY & STORM PROFILES
 A.C. BUILTS