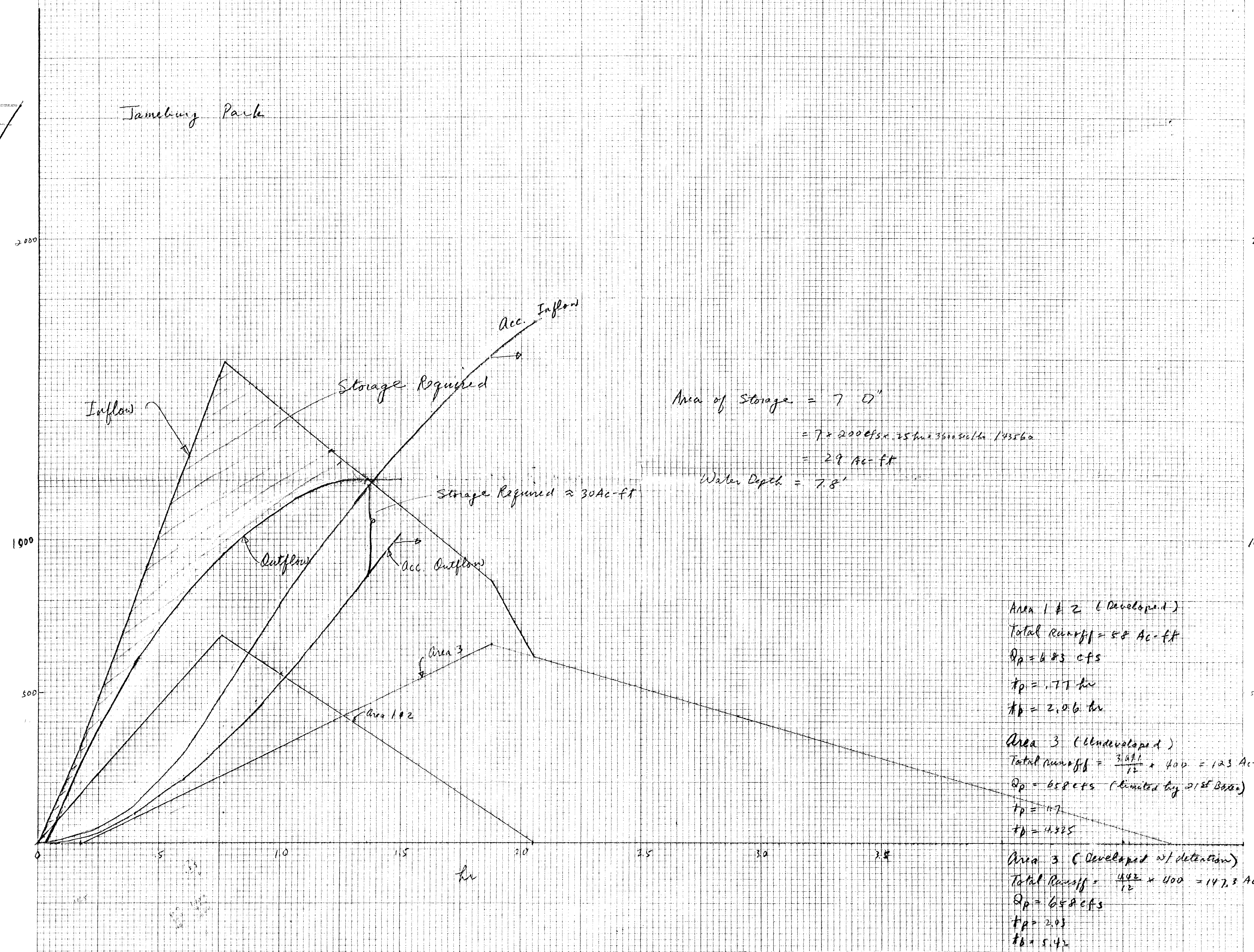


Jameburg Park



Area of Storage = 7.0"
 $= 7 \times 2000 \text{ cfs} \times 25 \text{ hr} \times 3600 \text{ s/hr} \div 144000$
 $= 28 \text{ Ac-ft}$
 Water Depth = 7.8'

Acc. Volume
Ac-ft

Area 1 & 2 (Developed)
 Total Runoff = 58 Ac-ft
 $Q_p = 685 \text{ cfs}$
 $t_p = 1.11 \text{ hr}$
 $t_b = 2.06 \text{ hr}$

Area 3 (undeveloped)
 Total Runoff = $\frac{3.471}{12} \times 400 = 115.5 \text{ Ac-ft}$
 $Q_p = 658 \text{ cfs}$ (limited by 21st Basin)
 $t_p = 1.7$
 $t_b = 4.335$

Area 3 (Developed w/ detention)
 Total Runoff = $\frac{4.42}{12} \times 400 = 147.3 \text{ Ac-ft}$
 $Q_p = 658 \text{ cfs}$
 $t_p = 2.03$
 $t_b = 5.42$

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