If existing Station were re-constructed, sized to serve both service areas —

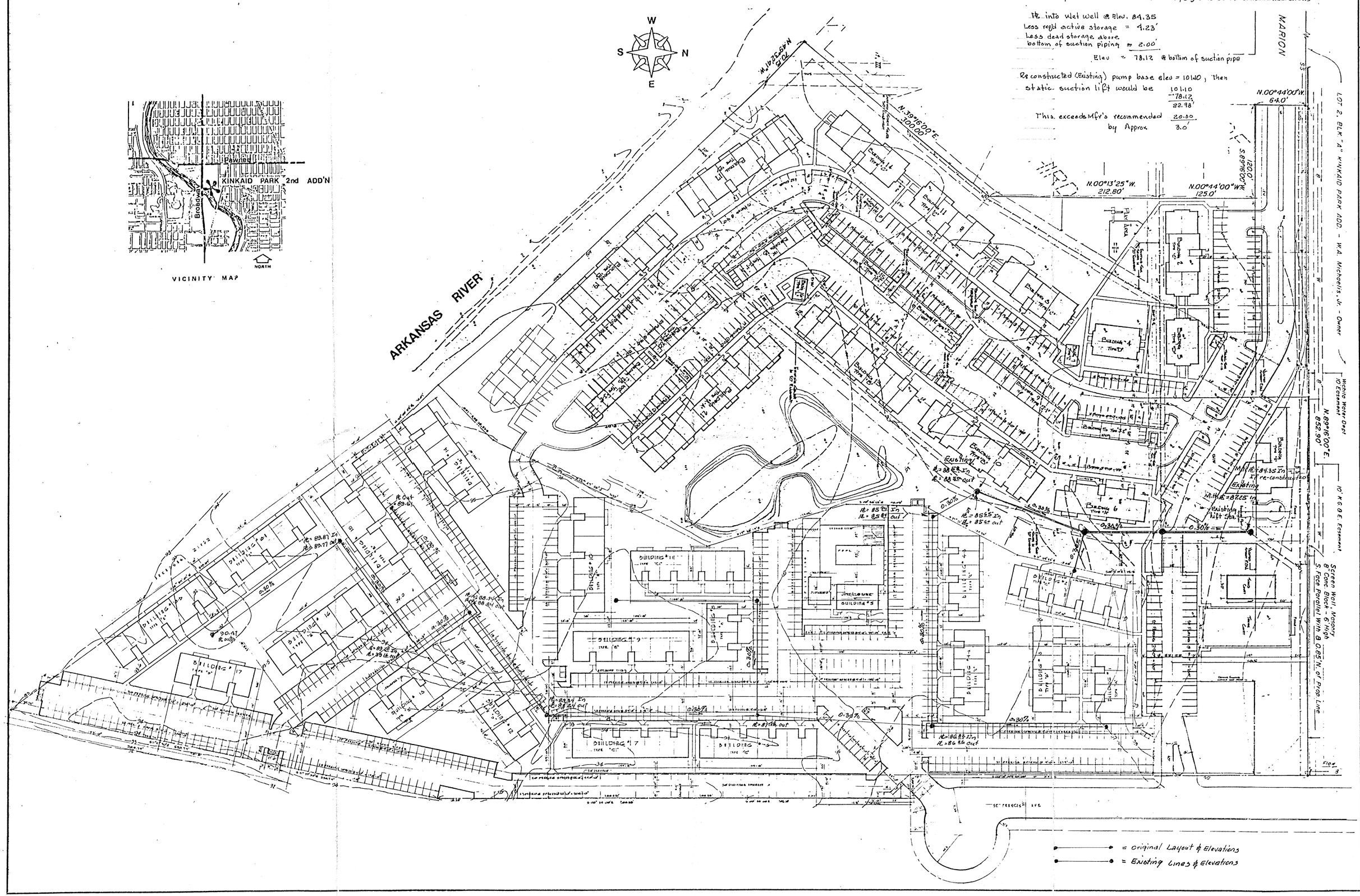
ft. into wet well @ Elev. 84.35
Less reqd active storage = 4.23'
Less dead storage above bottom of suction piping = 2.00'

Elev = 78.12 @ bottom of suction pipe

Re constructed (Existing) pump base elev = 101.10, then static suction lift would be 101.10 − 78.12 = 22.98'

This exceeds Mfr's recommended 20.00 by Approx 3.0'

VICINITY MAP



LAWRENCE E. WELLS
ARCHITECT

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