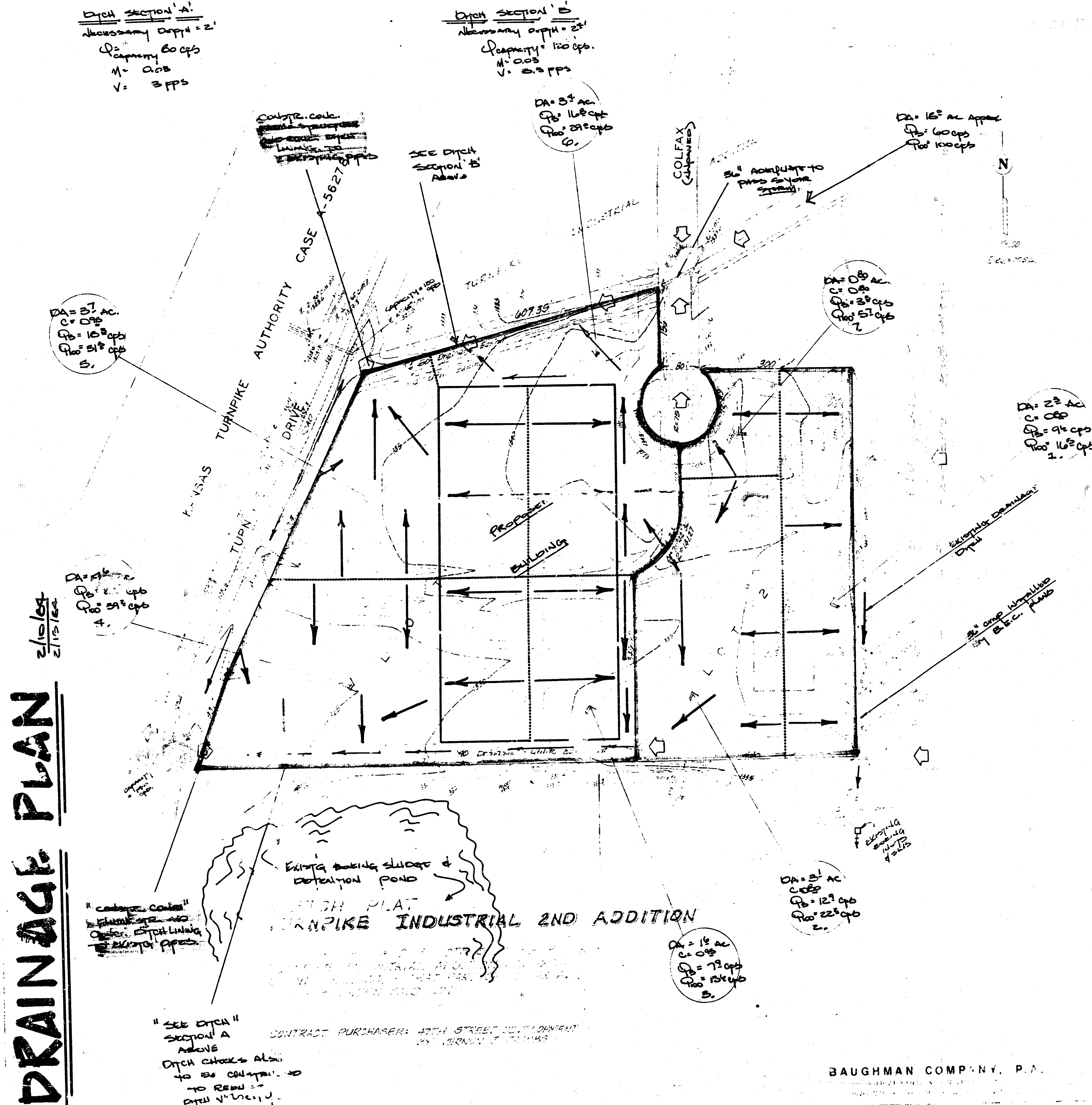


Depth section 'A'
Necessary depth = 2
 $\phi =$ capacity 60 cfs
 $M = 0.05$
 $V = 3 \text{ FPS}$



Design SECTION 'B'
Necessary depth = 24
Capacity = 120 cfs
M = 0.03
V = 0.3 ffs



DRAINAGE PLAN

"SEE DITCH"
SECTION A
ABOVE
DITCH CHOICE ALSO
TO BE CONSIDERED
TO REDUCE
DITCH V. INC. V.

CONTRACT PURCHASER: 47TH STREET DEVELOPMENT
800 W 47TH ST 10TH FLOOR

BAUGHMAN COMPANY, P.A.