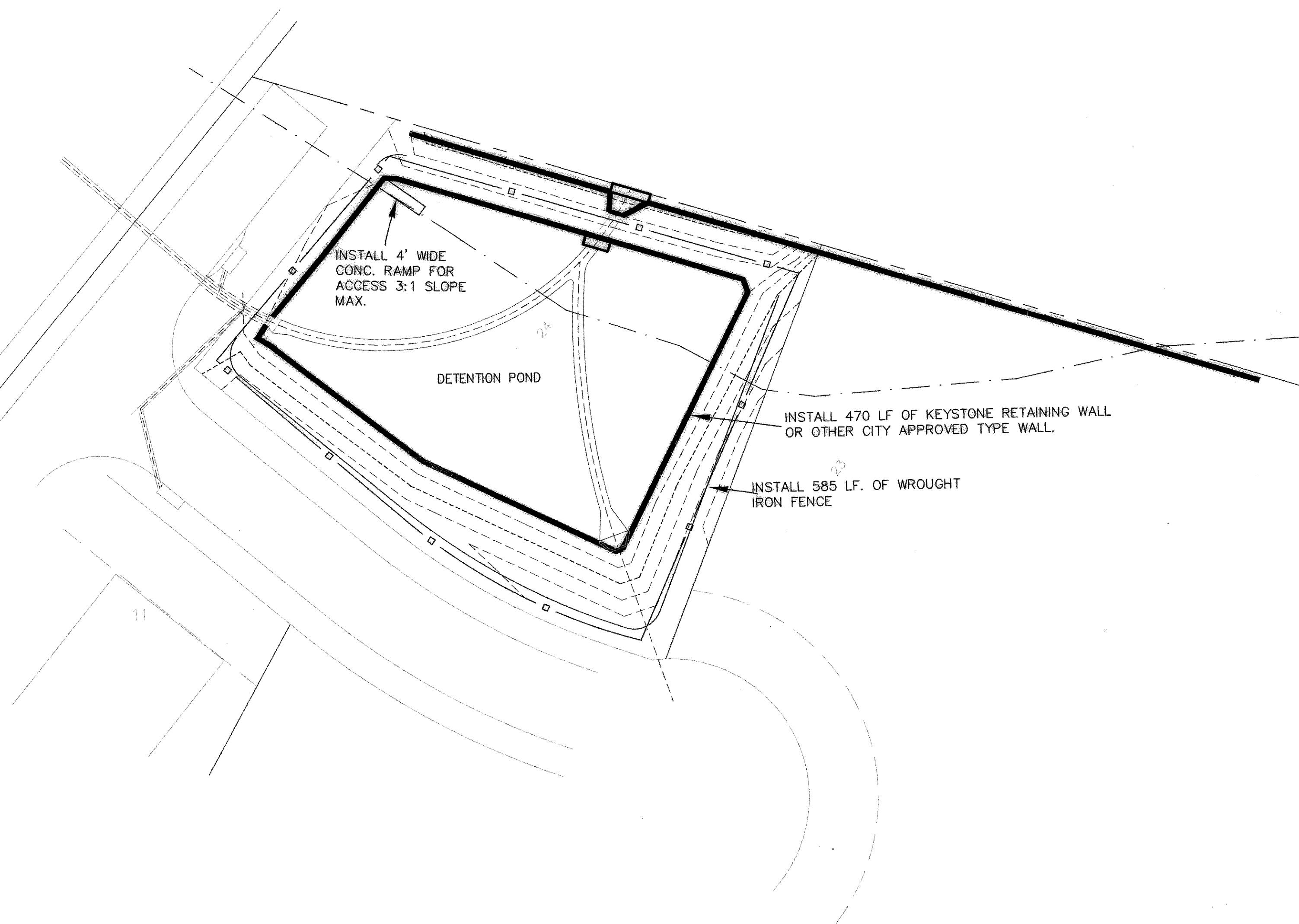


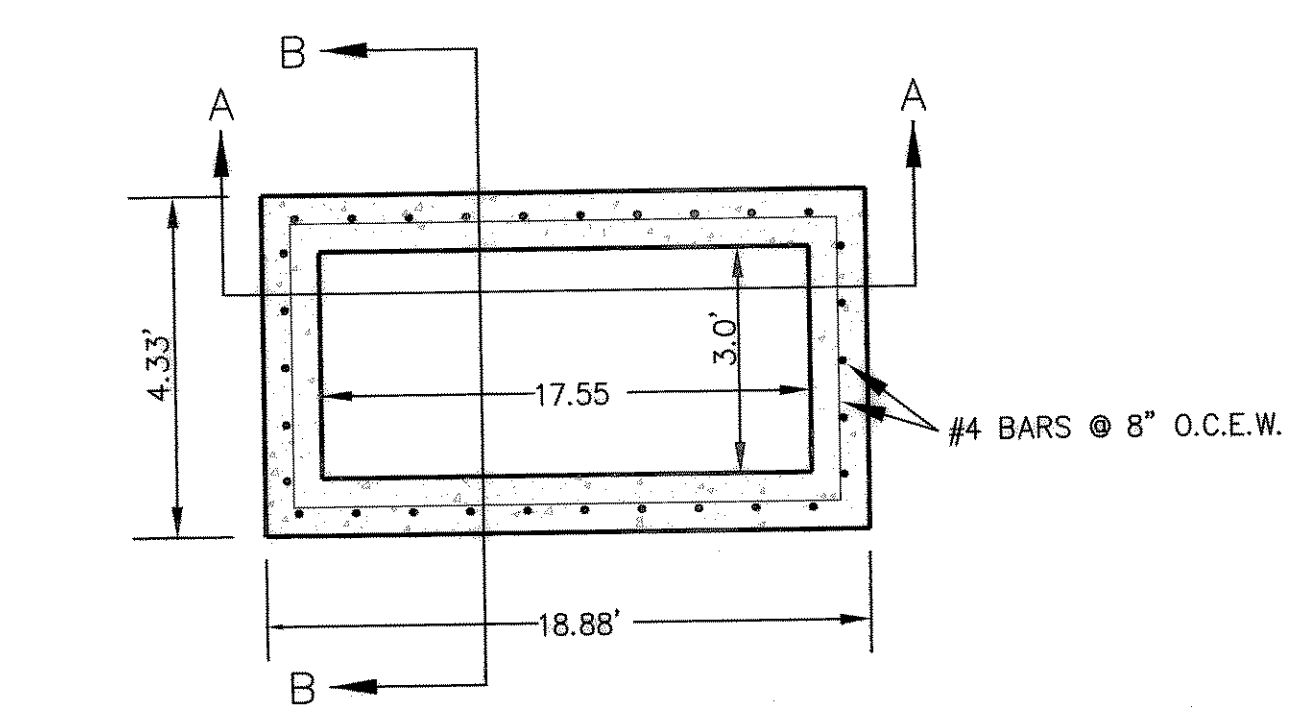
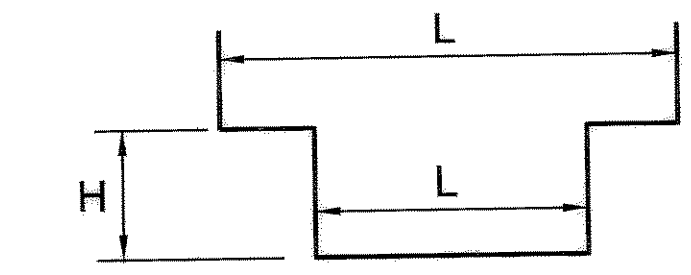


MAX RELEASE FROM POND = 109.53 cfs.
109.53 cfs / 0.50 in/hr = 22.35 acres

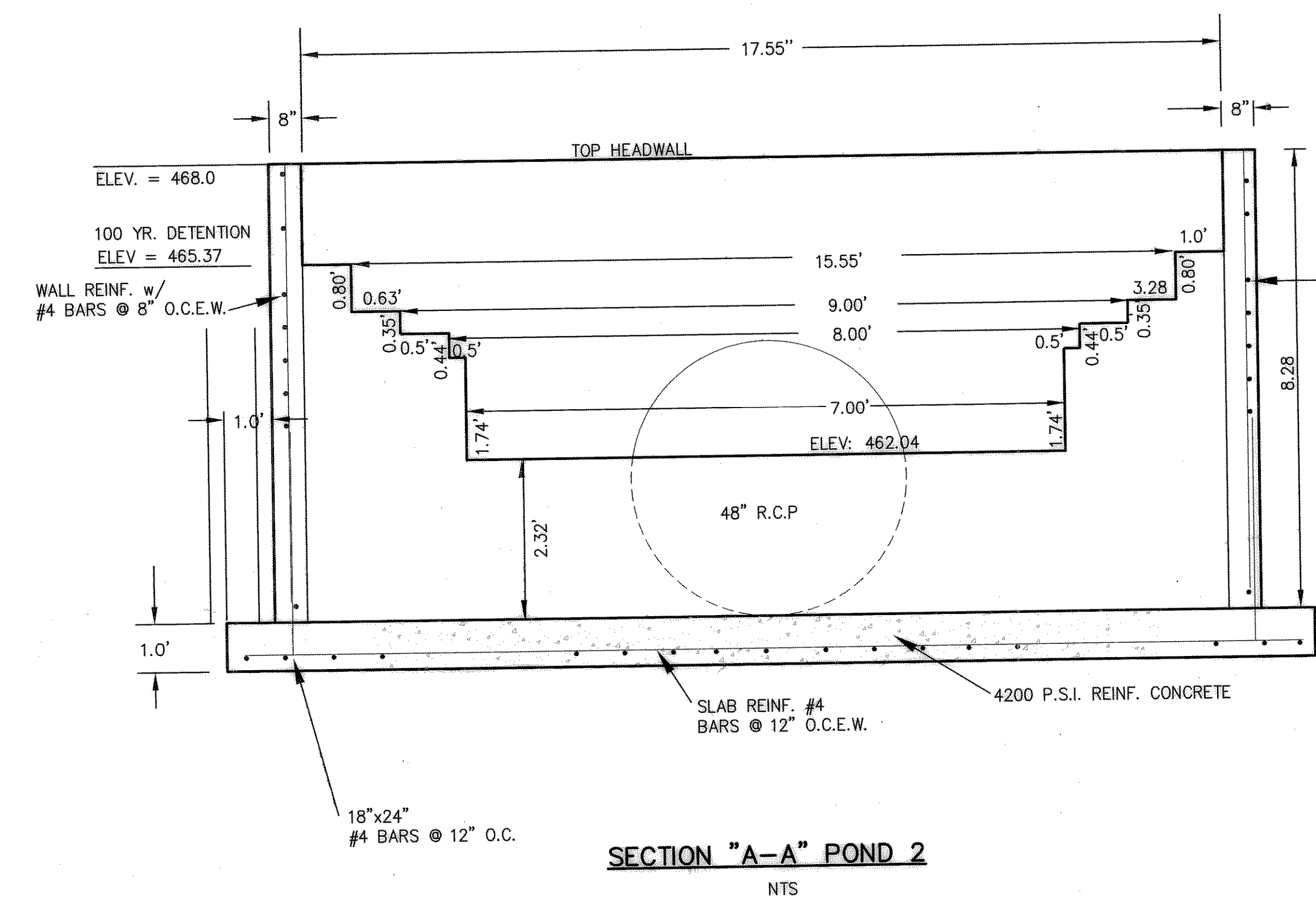
Q'S FOR WEIR RELEASE 22.35 ac.

10 YR. STORM = 22.35 ac * 0.50 c * 5.01 in/hr = 55.99 cfs
25 YR. STORM = 22.35 ac * 0.50 c * 5.75 in/hr = 64.26 cfs
50 YR. STORM = 22.35 ac * 0.50 c * 6.34 in/hr = 70.85 cfs
100 YR. STORM = 22.35 ac * 0.50 c * 9.8 in/hr = 109.53 cfs

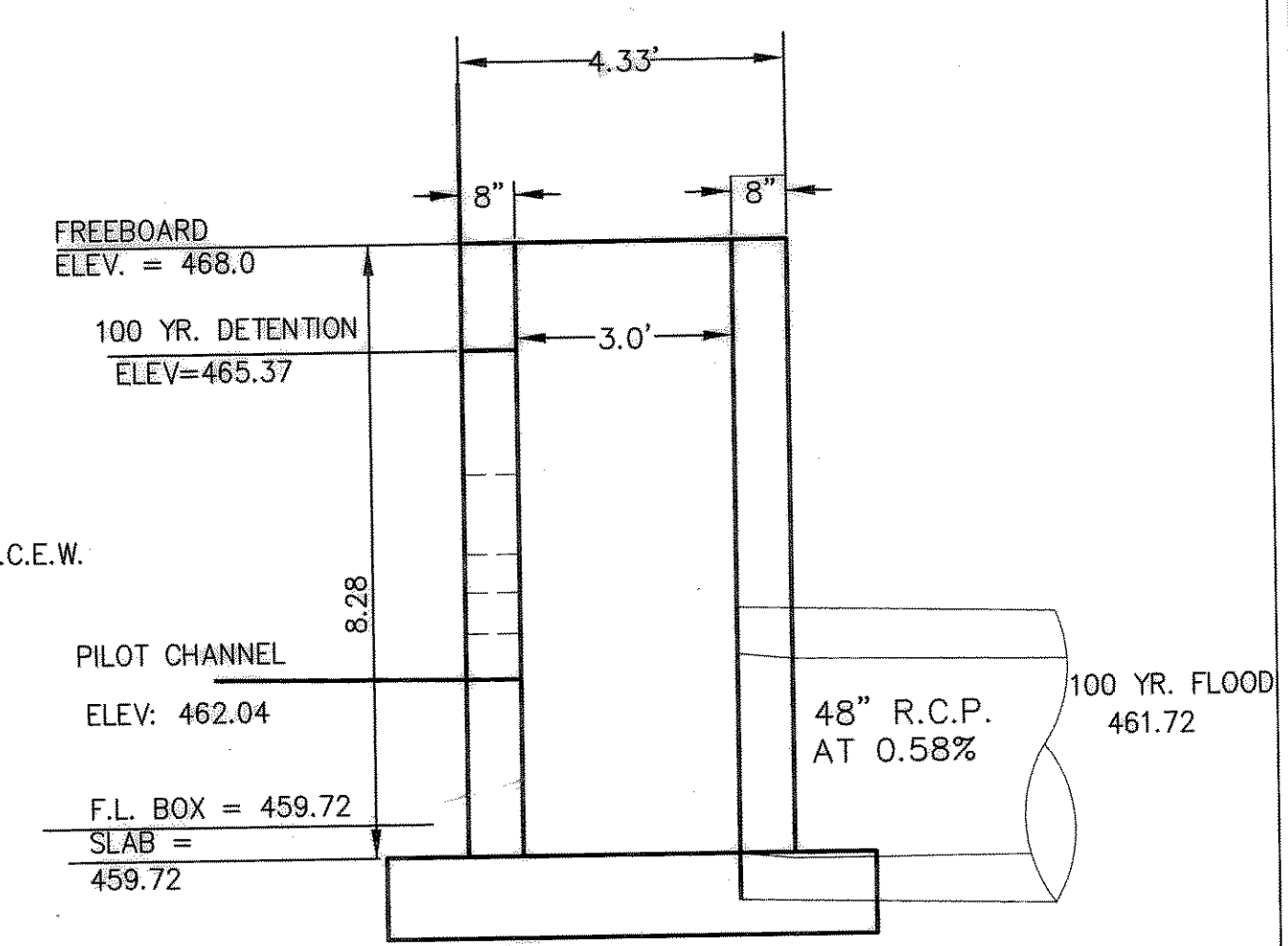
FLOW (cfs)	INTENSITY (in/hr)	L (ft)	H (ft)	Q ₁₀₀ (cfs)
Q ₁₀	5.01	7.0'	1.74'	55.99
Q ₂₅	5.75	8.0'	0.44'	64.26
Q ₅₀	6.34	9.0'	0.35'	70.85
Q ₁₀₀	9.8	15.55'	0.80'	109.53



OUTFLOW STRUCTURE PLAN VIEW POND 2
NTS



SECTION "A-A" POND 2
NTS



SECTION "B-B" POND 2
NTS

REVISED TO CONFORM TO CONSTRUCTION RECORDS.
DATE: 3/16/00