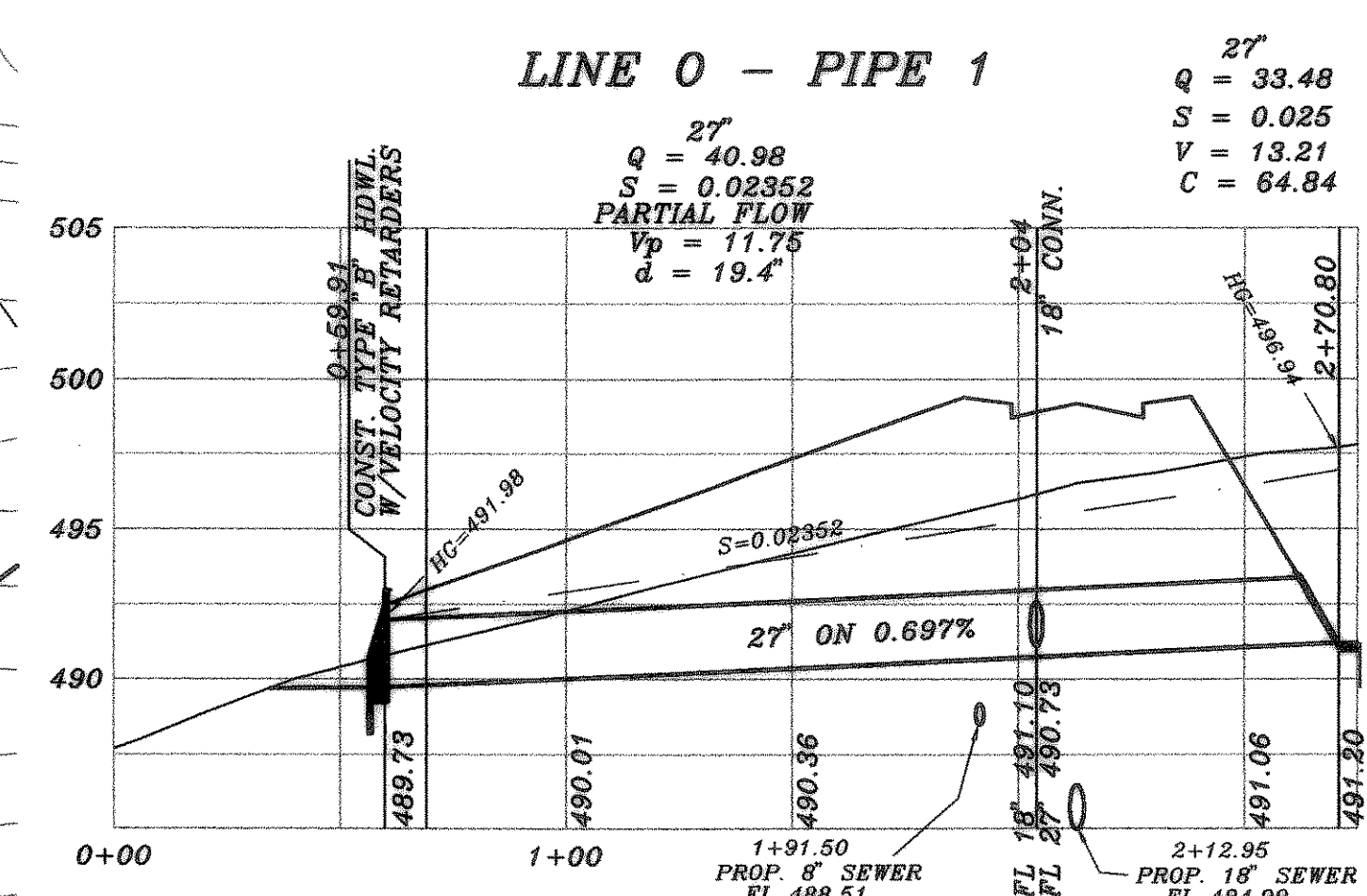
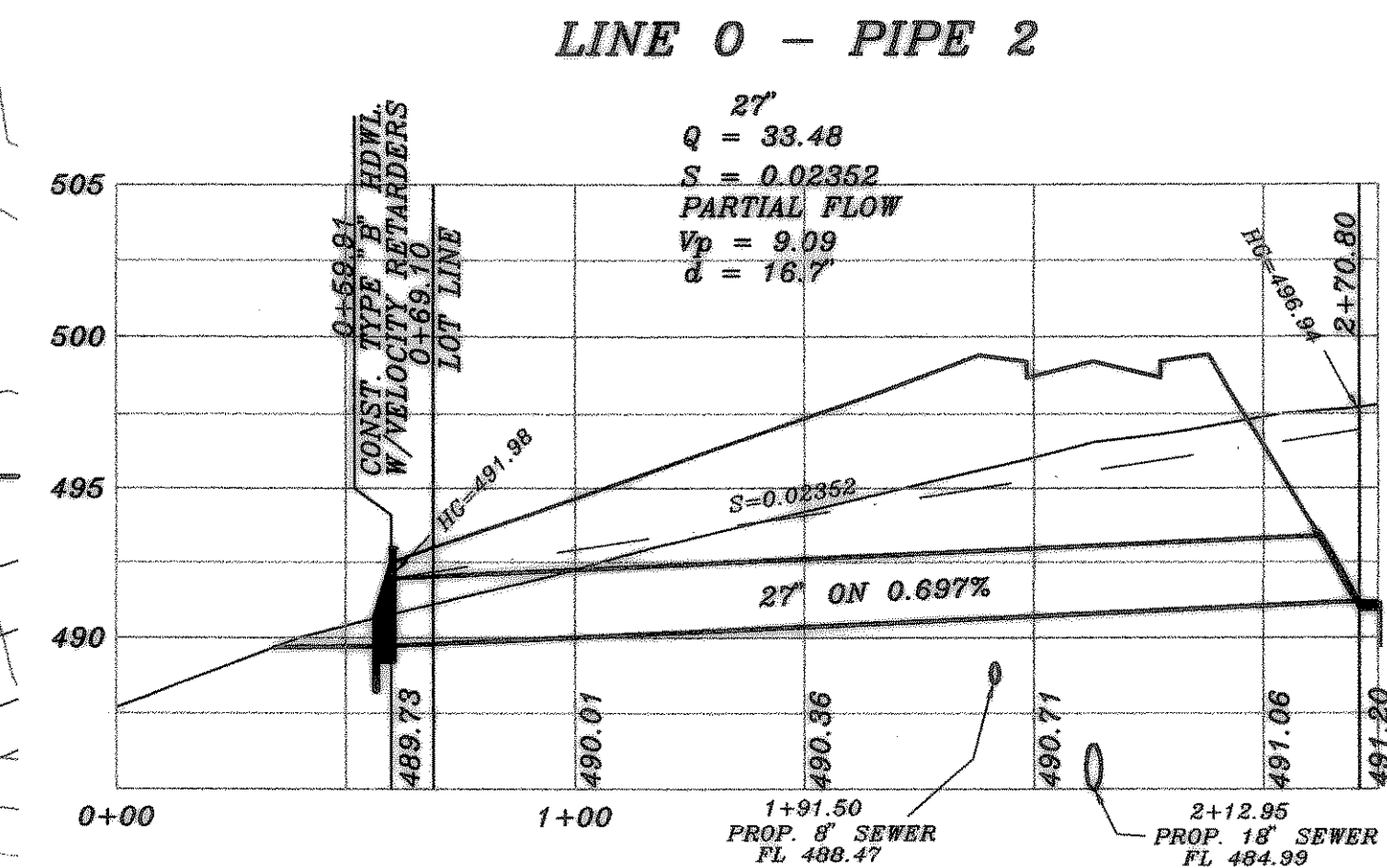
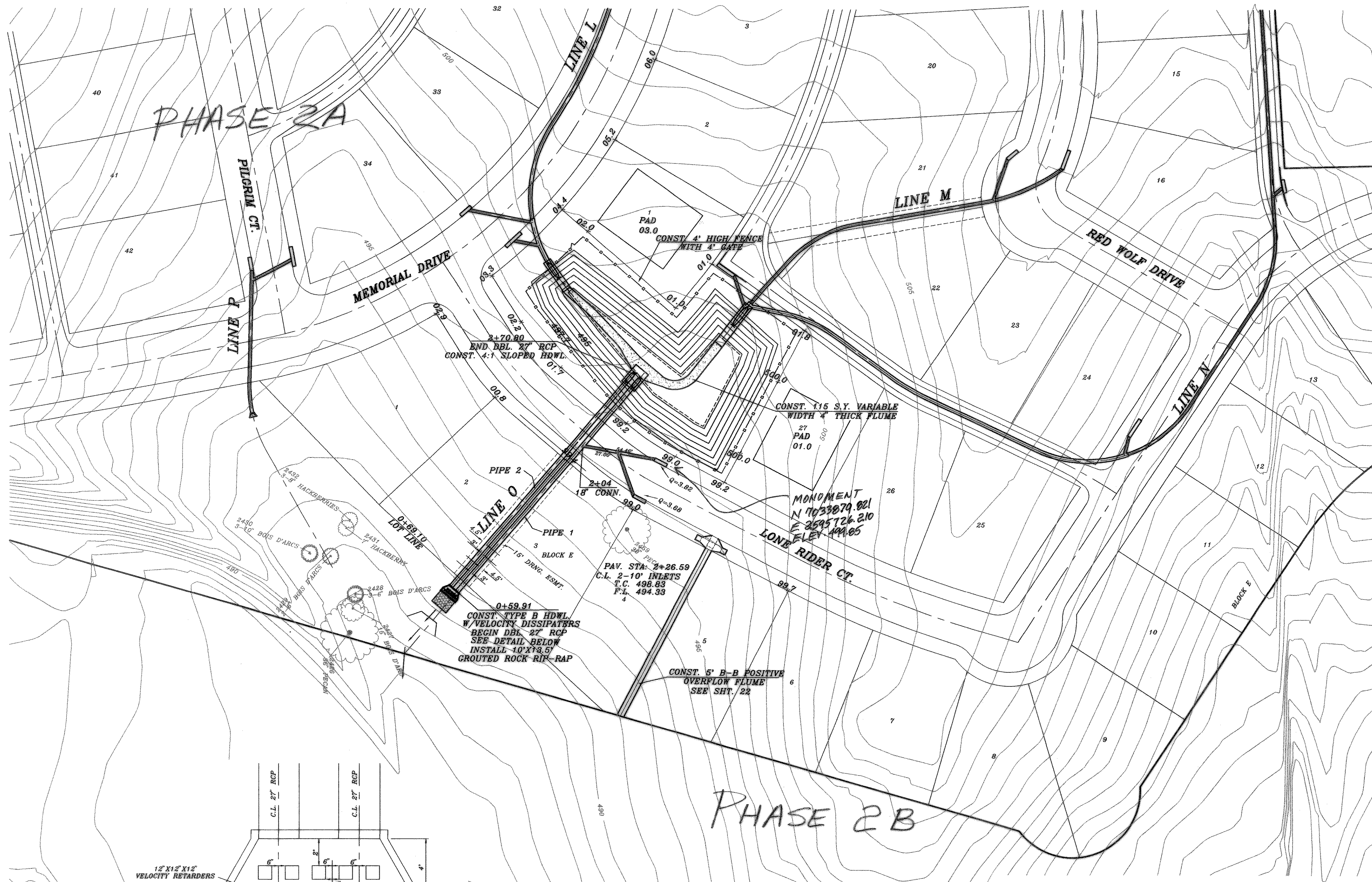
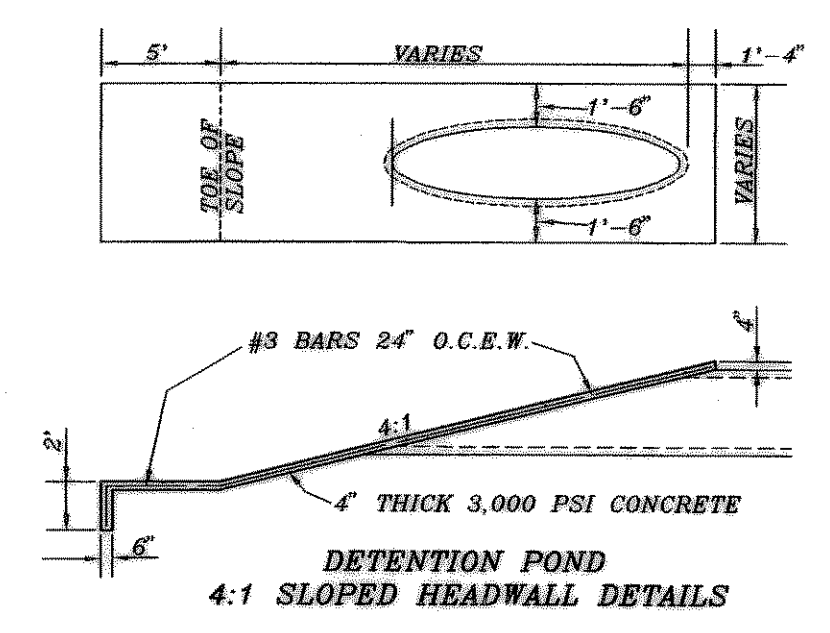
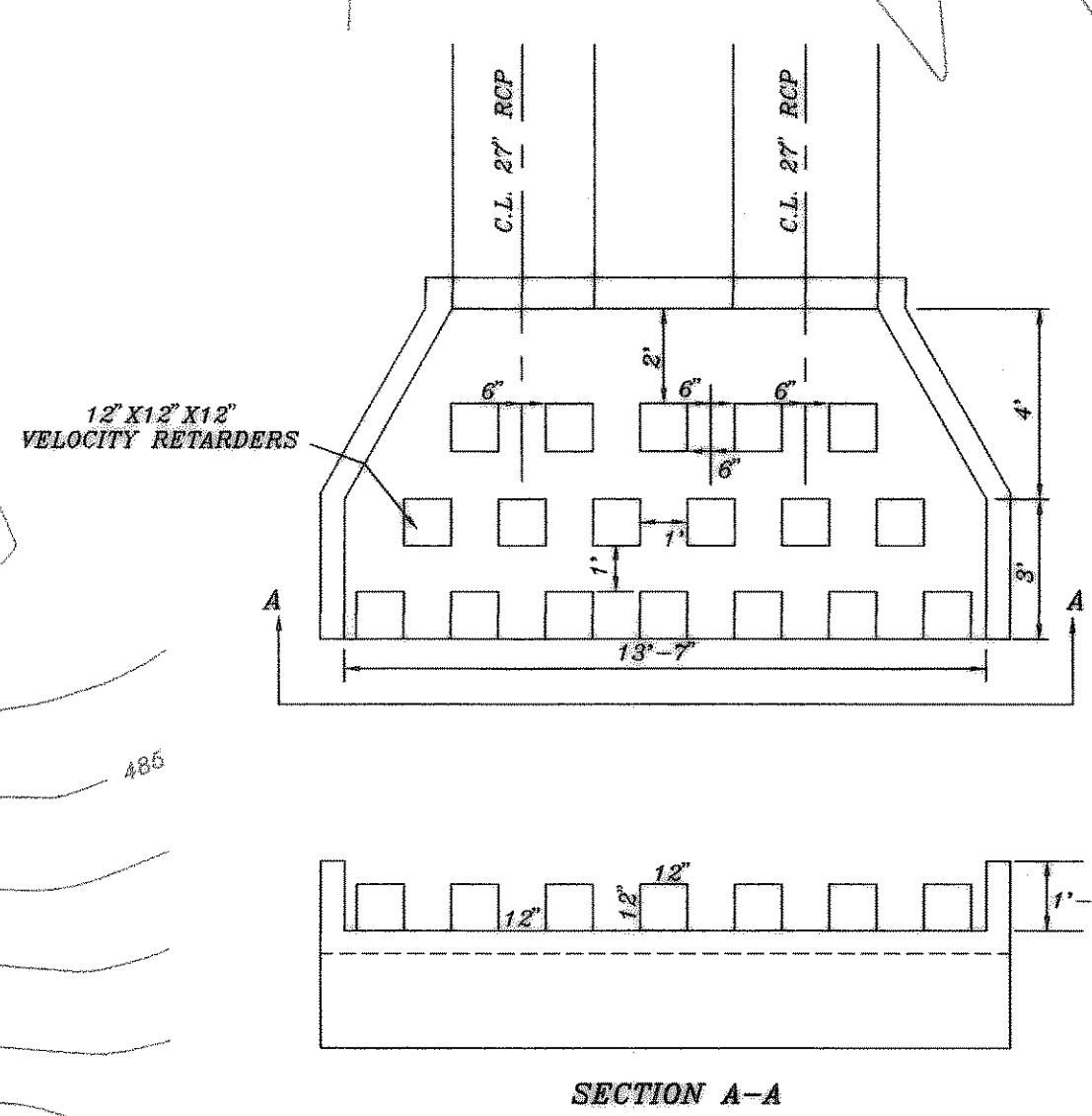




DETENTION POND NO. 2

Elevation (ft. msl)	Detention Storage (cu. ft)	Discharge (cfs)
491.2	0	0.00
491.5	810	0.17
492.0	2493	0.50
492.5	4556	3.00
493.0	6981	11.50
493.5	9827	21.46
494.0	13102	32.35
495.0	20975	48.02
496.0	30719	57.68
496.5	36320	62.77
496.8	39927	65.67
496.9	41177	66.61
497.0	42453	67.55
497.5	49123	72.01
497.7	51911	73.72
498.0	56290	76.25
498.5	64177	80.25
499.0	72363	86.16

Pond No. 2:
Allowed Release Rate = 66.96 cfs (occurs at Elev 496.94 ft msl)
Required Detention Storage = 41,004 cu. ft.
Storage Provided at 66.96 cfs = 41,688 cu. ft. (= 684 cu. ft. extra)



BENCH MARK
SQUARE CUT IN CONCRETE AT BASE OF CONCRETE WALL AT S.W. CORNER OF SOUTH APPROACH TO BRIDGE OVER SQUABBLE CREEK ON HWY. 205
ELEV.: 472.41

BENCH MARK
60D NAIL IN 36" PECAN TREE (TREE NO. 2302)
PAV. STA. 8+30, 71' RT., MEMORIAL DRIVE
ELEV.: 466.79

BENCH MARK
60D NAIL IN 34" PECAN TREE (TREE NO. 2314)
PAV. STA. 1+83, 130' RT., AUDUBON LANE
ELEV.: 480.88

BENCH MARK
60D NAIL IN 18" PECAN TREE (TREE NO. 2114)
PAV. STA. 10+97 63.5' RT., AUDUBON LANE
ELEV.: 501.54

Winkelmann & Associates, Inc. hereby states that this plan, to the best of our knowledge is "As Built." Modifications from the originally approved construction documents have been made as per information provided by the contractor. Winkelmann & Associates, Inc. does not certify as to the correctness or quality of construction as no field inspection was performed.

DATE 9-27-02
DATE 9-14-04 Ph 2A Ph 2B



REV. PER 4th REVIEW 7/13/01 REV. PER 3rd REVIEW 6/13/01 REV. PER 2nd REVIEW 5/10/01 REV. 3/5/01 REV. 2/22/01	HAROLD L. EVANS CONSULTING ENGINEER P.O. BOX 28355 2331 GUS THOMASSON ROAD, SUITE 102 DALLAS, TEXAS 75228, (214) 328-8133	PROPOSED DETENTION POND QUAIL RUN VALLEY NO. 2 CITY OF ROCKWALL	SHEET NO. 16 24 JOB NO. 0020
REVISION DESCRIPTION P:\0020\PHASE2\0020DET2	DATE SCALE 1" = 40'H 1" = 6'V	DESIGN H.L.E.	DRAWN