

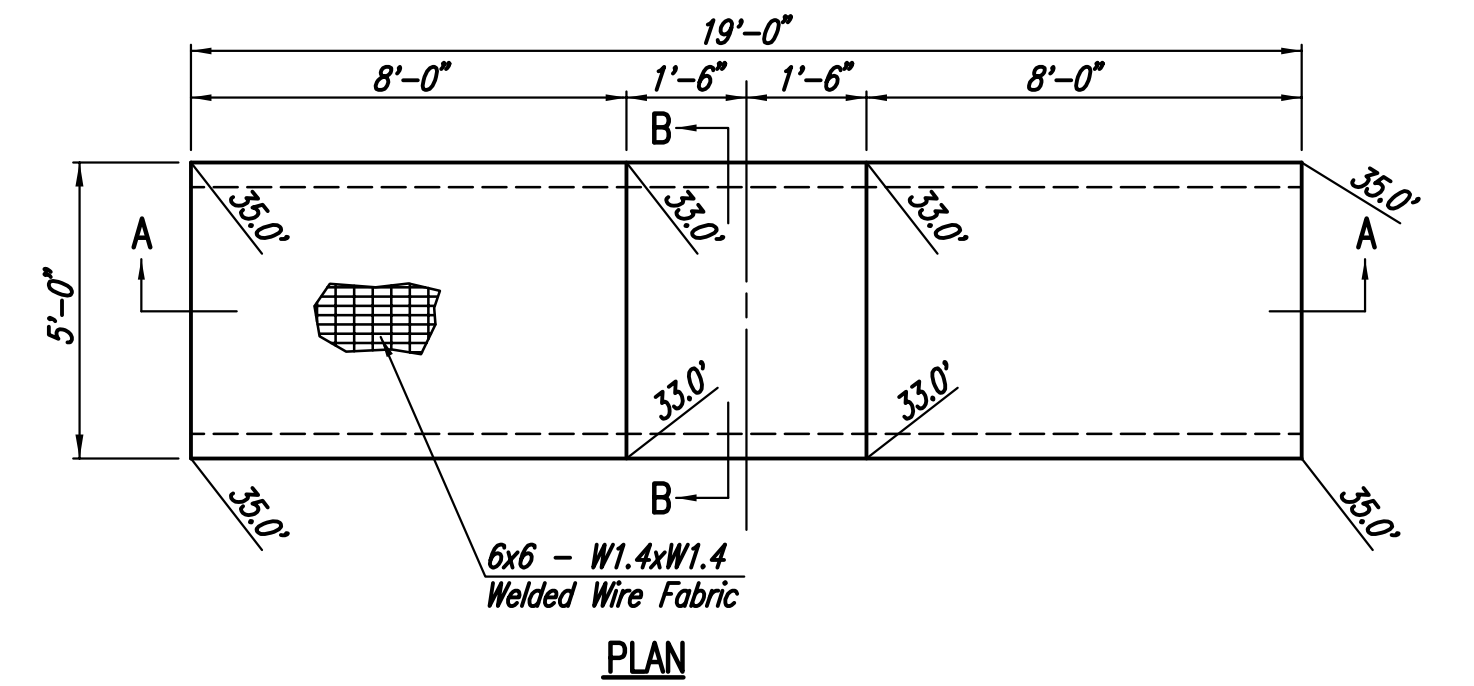
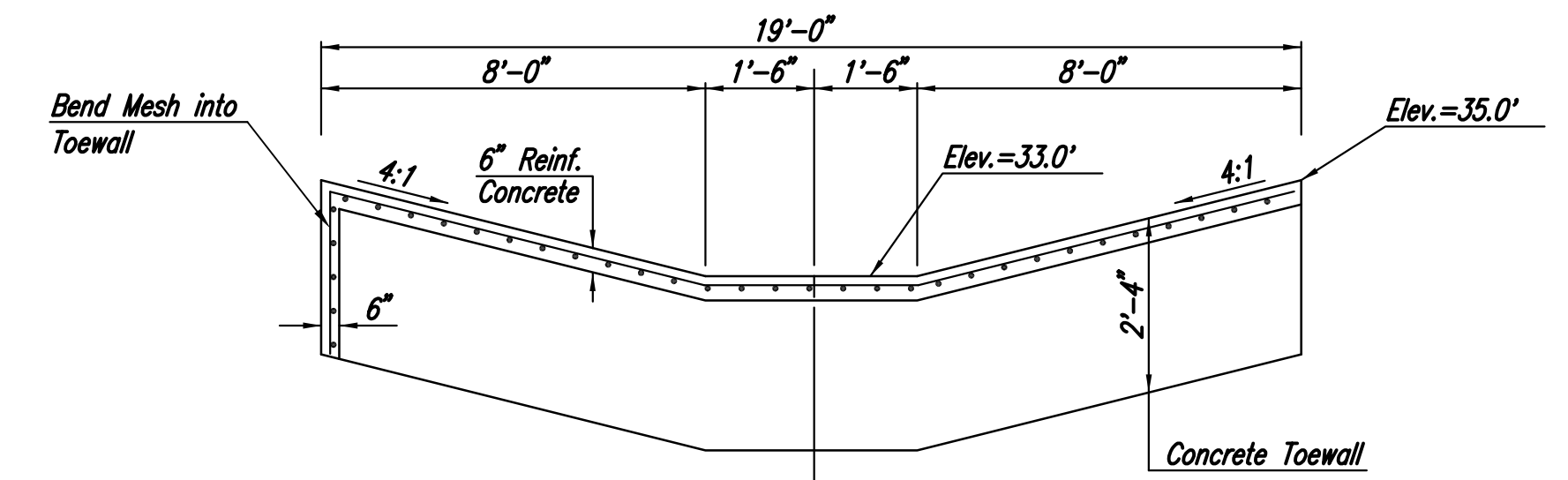
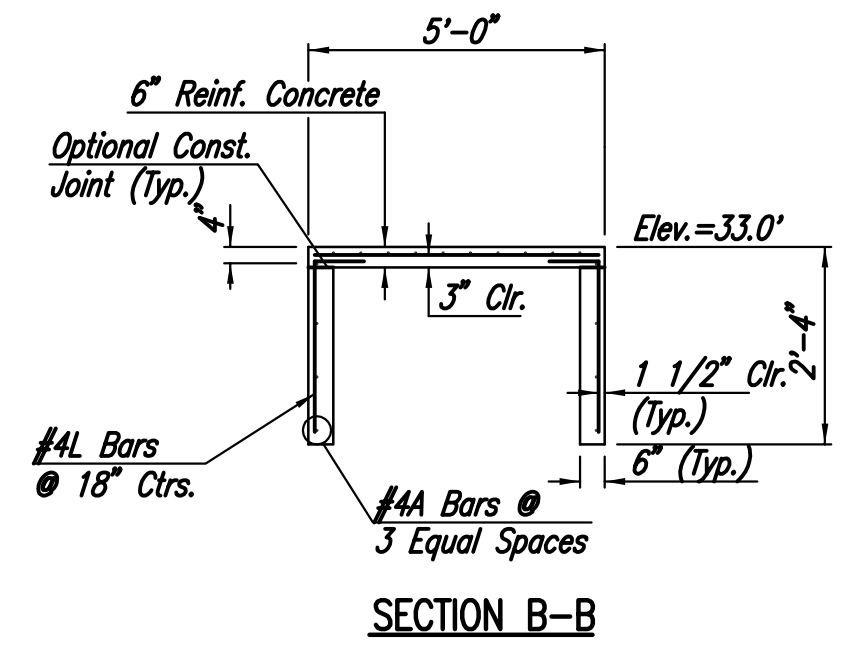
MAIN DETENTION POND					
Stage (Ft)	Depth (Ft)	Surface Area (ac)	Average Area (ac)	Incremental Volume (ac-Ft)	Total Volume (ac-Ft)
1.333.00	0.00	0.63	0.00	0.00	0.00
1.334.00	1.00	0.70	0.67	0.67	0.67
1.335.00	2.00	0.78	0.74	0.74	1.41

GENERAL NOTES

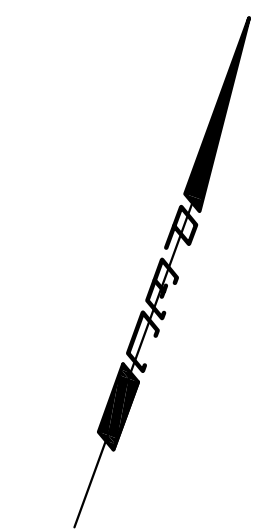
UNIT STRESSES:
 CONCRETE: $F_c=4,000$ P.S.I., $F_y=60,000$ P.S.I.
 $F_c=1,600$ P.S.I., $F_s=24,000$ P.S.I.

CONCRETE: Concrete shall have a minimum 28 day compressive strength of 4,000 P.S.I.
 Bevel all exposed edges with a 3/4" triangular molding, unless otherwise noted.

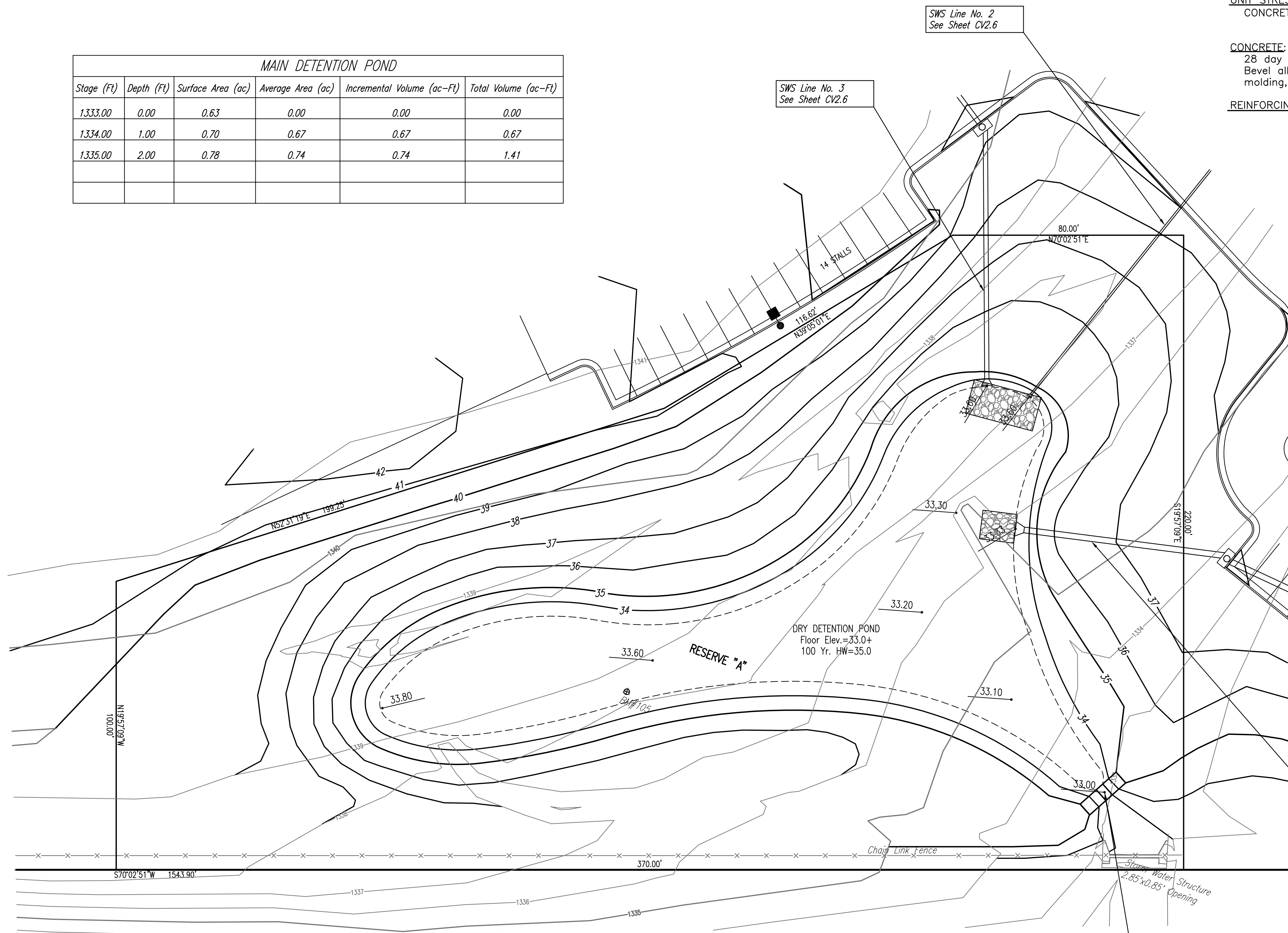
REINFORCING: Welded wire fabric shall conform to ASTM A185.



CONCRETE WEIR DETAILS



SCALE: 1"=20'



MAIN DETENTION POND

N- 393,516.7198, E- 2,346,902.6169
 Const. Concrete Weir Structure
 See Detail this Sheet.

No.	Revision	By	Date
ANIMAL SERVICES CAMPUS KANSAS HUMANE SOCIETY MAIN DETENTION POND GRADING JAMES L. ARMOUR, P.E.-CITY ENGINEER CITY OF WICHITA PRIVATE PROJECT NO. 1837 PPS (607861) Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	DWH	Job No.	35-05028-004
Drawn by	SAW	Date	November 2007
			CV2.13