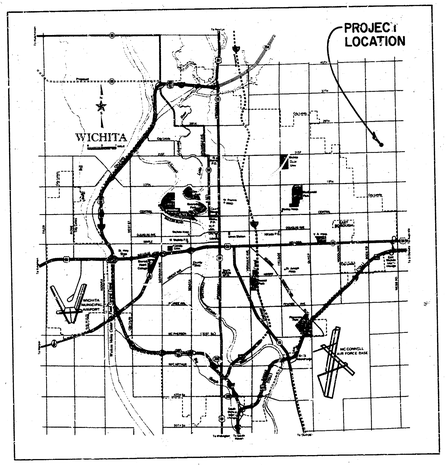
PROJECT NO. 468-76-245-81095-000-000-001

WINDEMERE FLOODWATER DETENTION RESERVOIR CONTROL STRUCTURE NO. 12

IN

TALLGRASS



LOCATION MAP

FOR THE CITY OF WICHITA, KANSAS

R. W. BRUGGEMAN, CITY ENGINEER

MARCH 1981

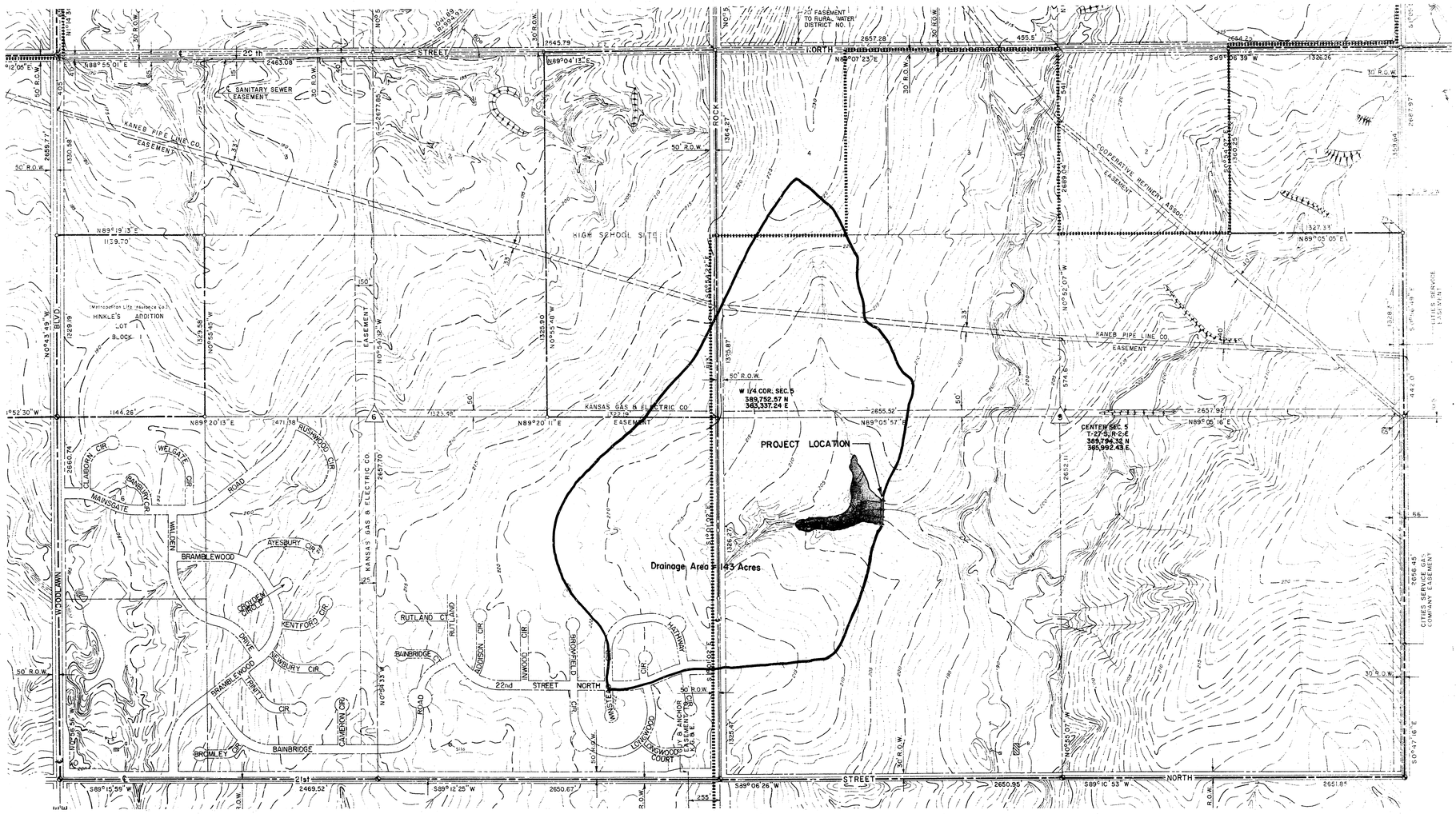
INDEX TO DRAWINGS

1. COVER SHEET
2. DRAINAGE AREA MAP
3. SITE PLAN
4. DETAILS

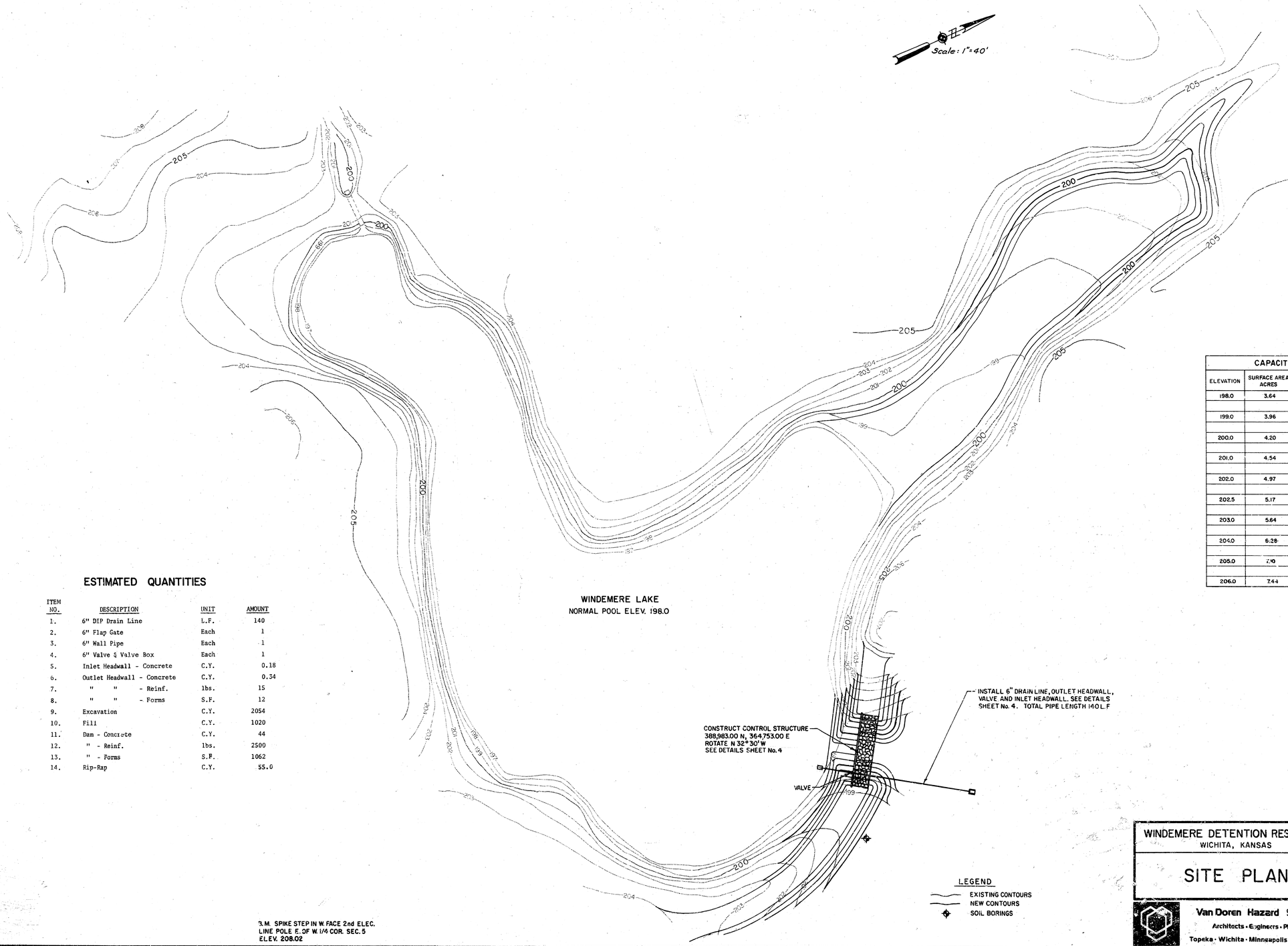
LEONARD R. BERGMAN LICENSED KANSAS PROFESSIONAL ENGINEER

VAN DOREN-HAZARD-STALLINGS
ARCHITECTS-ENGINEERS-PLANNERS
WICHITA, KANSAS

Job No. 79-234



WINDEMERE DETENTION RESERVOIR WICHITA, KANSAS	Design J.L.M
	Drawn by K.R.A
DRAINAGE AREA MAP	Checked by J.W.W
	Date March 1981
	Job no. 79-234
Van Doren - Hazard - Stallings Architects • Engineers • Planners Topeka Wichita Minneapolis	Sheet 2 of 4



ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	AMOUNT
1.	6" DIP Drain Line	L.F.	140
2.	6" Flap Gate	Each	1
3.	6" Wall Pipe	Each	1
4.	6" Valve & Valve Box	Each	1
5.	Inlet Headwall - Concrete	C.Y.	0.18
6.	Outlet Headwall - Concrete	C.Y.	0.34
7.	" " - Reinf.	lbs.	15
8.	" " - Forms	S.F.	12
9.	Excavation	C.Y.	2054
10.	Fill	C.Y.	1020
11.	Dam - Concrete	C.Y.	44
12.	" - Reinf.	lbs.	2500
13.	" - Forms	S.F.	1062
14.	Rip-Rap	C.Y.	55.0

CAPACITY DATA

ELEVATION	SURFACE AREA ACRES	STORAGE AC. FT.	CUMMULATIVE STORAGE AC. FT.
198.0	3.64		0
		3.80	
199.0	3.96		3.80
		4.08	
200.0	4.20		7.88
		4.37	
201.0	4.54		12.25
		4.75	
202.0	4.97		17.00
		2.60	
202.5	5.17		19.60
		2.70	
203.0	5.64		22.30
		5.96	
204.0	6.28		28.26
		6.69	
205.0	7.10		34.95
		7.27	
206.0	7.44		42.22

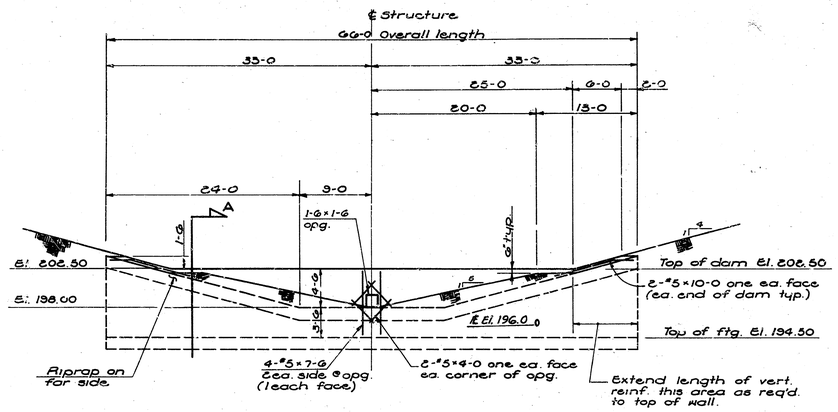
WINDEMERE DETENTION RESERVOIR
WICHITA, KANSAS

SITE PLAN

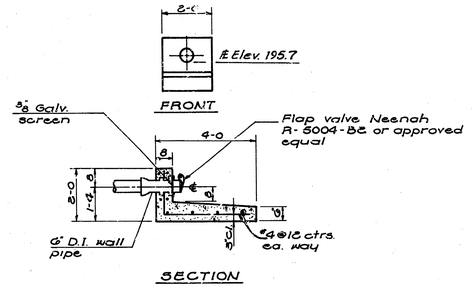
Design JWW
Drawn by MWS
Checked by JWW
Date March 1981
Job no. 79-234

Van Doren Hazard Stallings
Architects • Engineers • Planners
Topeka • Wichita • Minneapolis • Kansas City

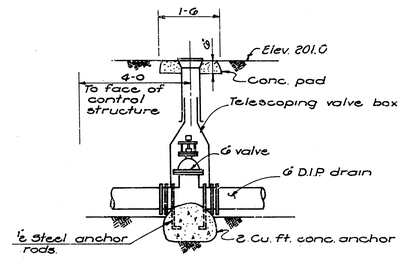
Sheet 3 of 4



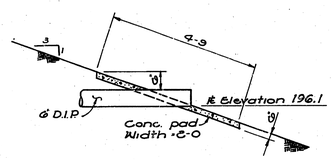
ELEVATION
Scale 1/8"=1'-0



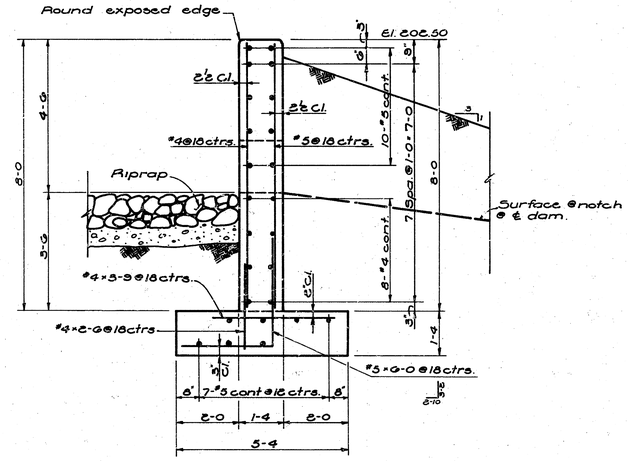
OUTLET HEADWALL
No Scale



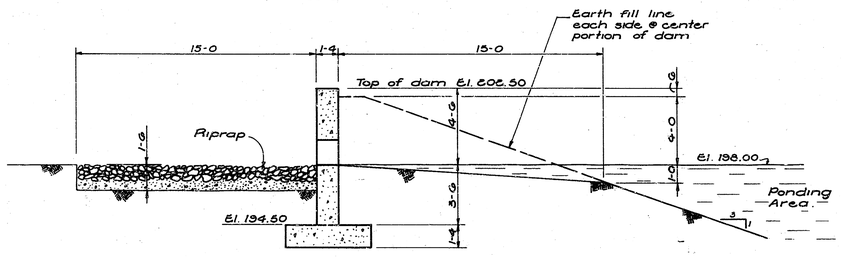
VALVE DETAIL & ANCHOR
No Scale



INLET HEADWALL
No Scale



SECTION - A
Scale 1"=1'-0



SECTION at CENTER
Scale 1"=1'-0

WINDEMERE DETENTION RESERVOIR
WICHITA, KANSAS

DETAILS

Design L.L.W.
Drawn by H.A.P.
Checked by L.L.W.
Date March 1981
Job no. 79-234

Van Doren - Hazard - Stallings
Architects • Engineers • Planners
Topeka Wichita Minneapolis

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4/4

12 10 3