

LAKES

IN

WOODLAND ESTATES SECOND

PRIVATE PROJECT NO.

468-76-245-80001-000-000-099

CITY OF WICHITA, KANSAS

MICHAEL E. LINDEBAK, CITY ENGINEER

SEPTEMBER 1986

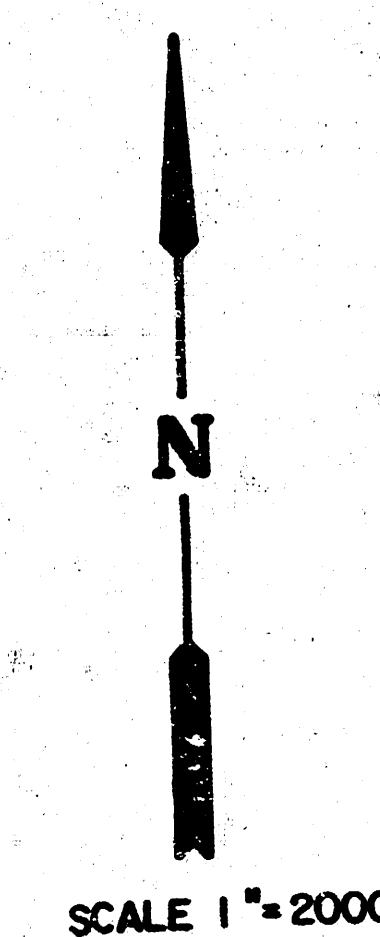
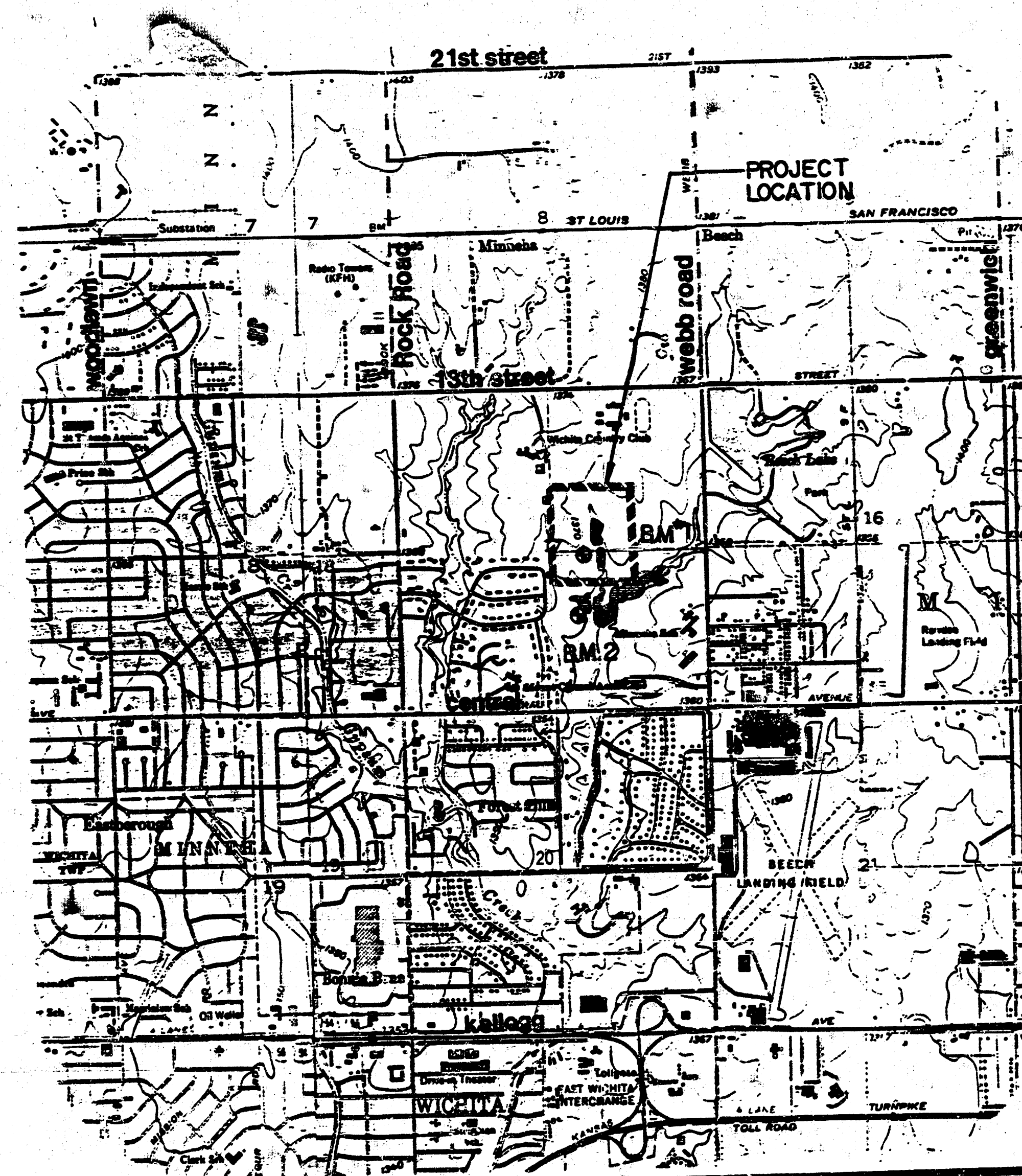
BENCH MARKS

B.M. #1 SPK STEP IN COR. FC POST
660' E. & 40' S. OF CTR.
SEC. 17, T27S, R2E
ELEV. = 176.09'

B.M. #2 TOP OF 5/8" BAR & CAP AT
P.C. ON E. LINE OF LOT 26,
BLK. 1, WOODLAND ESTATES
ELEV. = 167.32'

INDEX TO DRAWINGS

SHEET NO	DESCRIPTION
1	TITLE SHEET
2	DRAINAGE AREA MAP
3	SITE PLAN & DETAILS



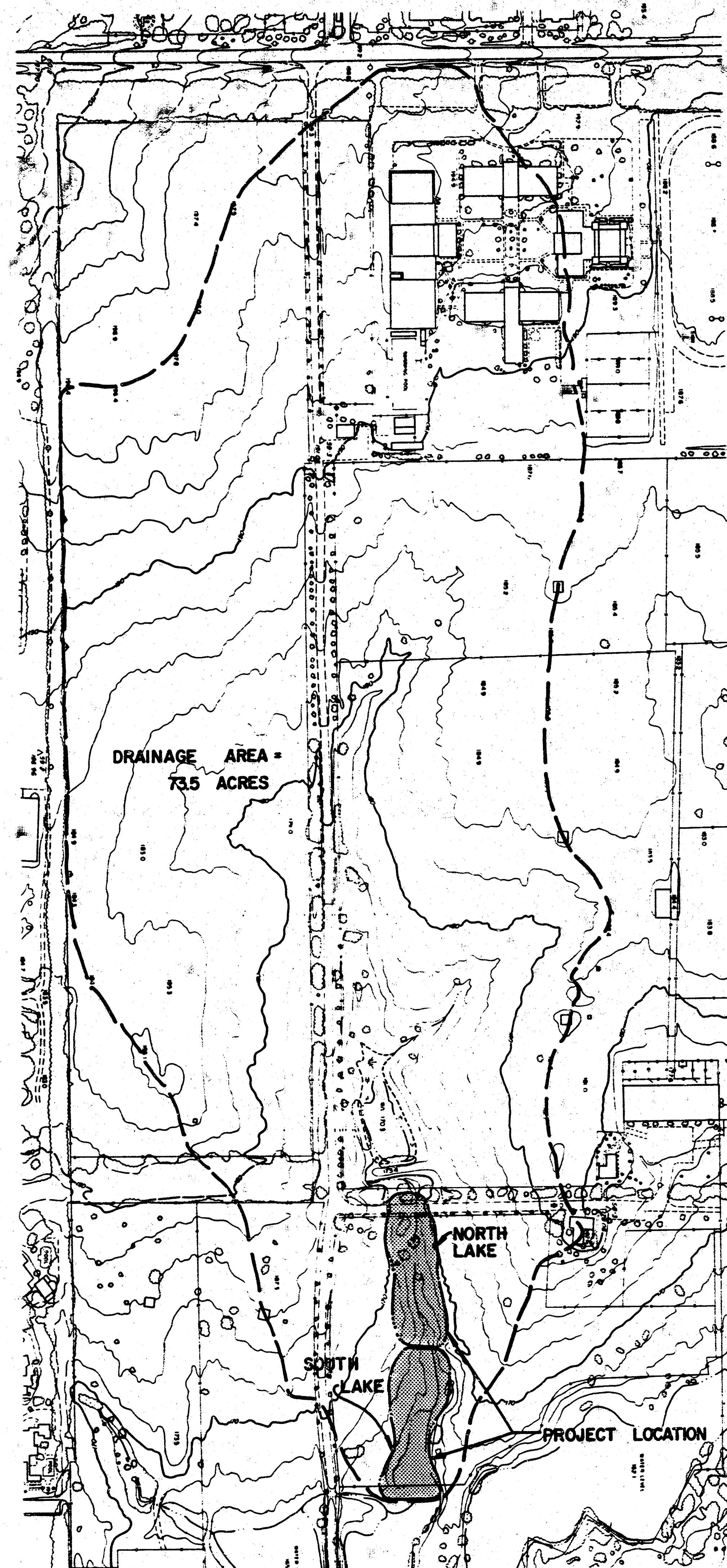
APPROVED AS NOTED	
BY ENGINEER OF WICHITA	
City Engineers	
Storm Sewers	VRH 10/23/86
Driveway Approaches	

NO ETC CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the specifications of the CITY OF WICHITA. The CITY OF WICHITA will pay the City of Wichita for the cost of plan review, inspection and construction.

	LAKES IN WOODLAND ESTATES SECOND		Design F.B.H. K.J.S. Drawn by E.C.G. Checked by K.H.B. Date Job No.
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		682-6561 Sheet 1 of 3

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AVAILABLE COPY



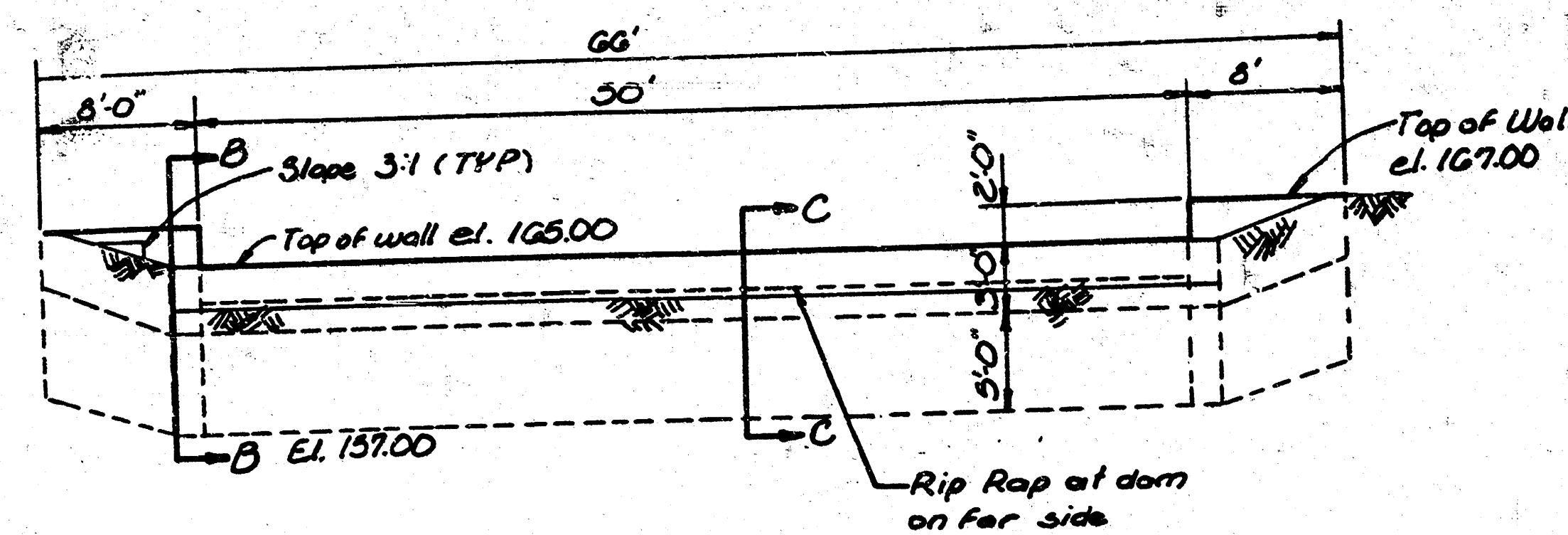
CAPACITY DATA - NORTH LAKE			
ELEVATION	SURFACE AREA ACRES	STORAGE AC. FT.	CUMULATIVE STORAGE AC. FT.
168	0.84		
169	0.95	0.90	0.90
170	1.11	1.03	1.93

CAPACITY DATA - SOUTH LAKE			
ELEVATION	SURFACE AREA ACRES	STORAGE AC. FT.	CUMULATIVE STORAGE AC. FT.
165	1.02		
166	1.12	1.07	1.07
167	1.28	1.20	2.27

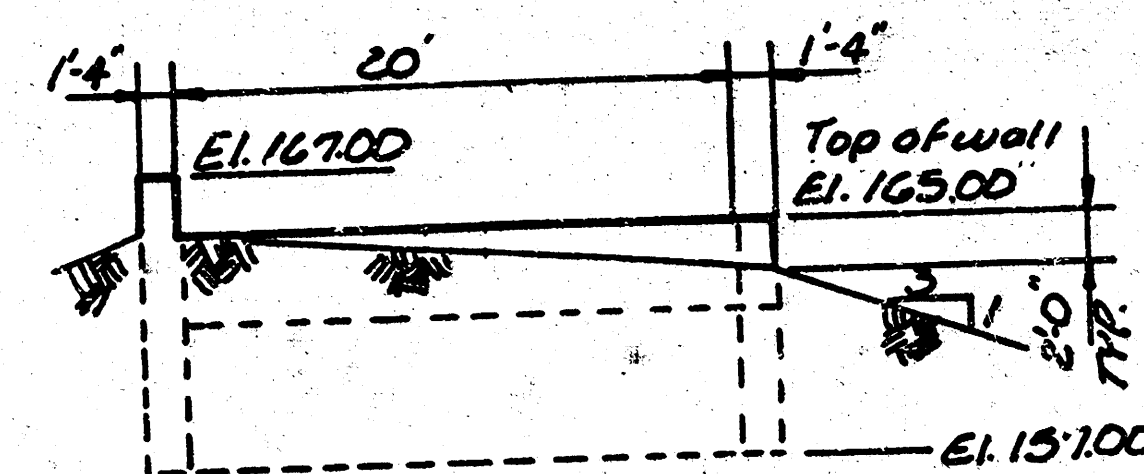
	DRAINAGE AREA MAP WOODLAND ESTATES SECOND		Design F.L.M. K.E.S.
			Drawn by E.C.
			Checked by Date
			Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 2 of 3

682-6561

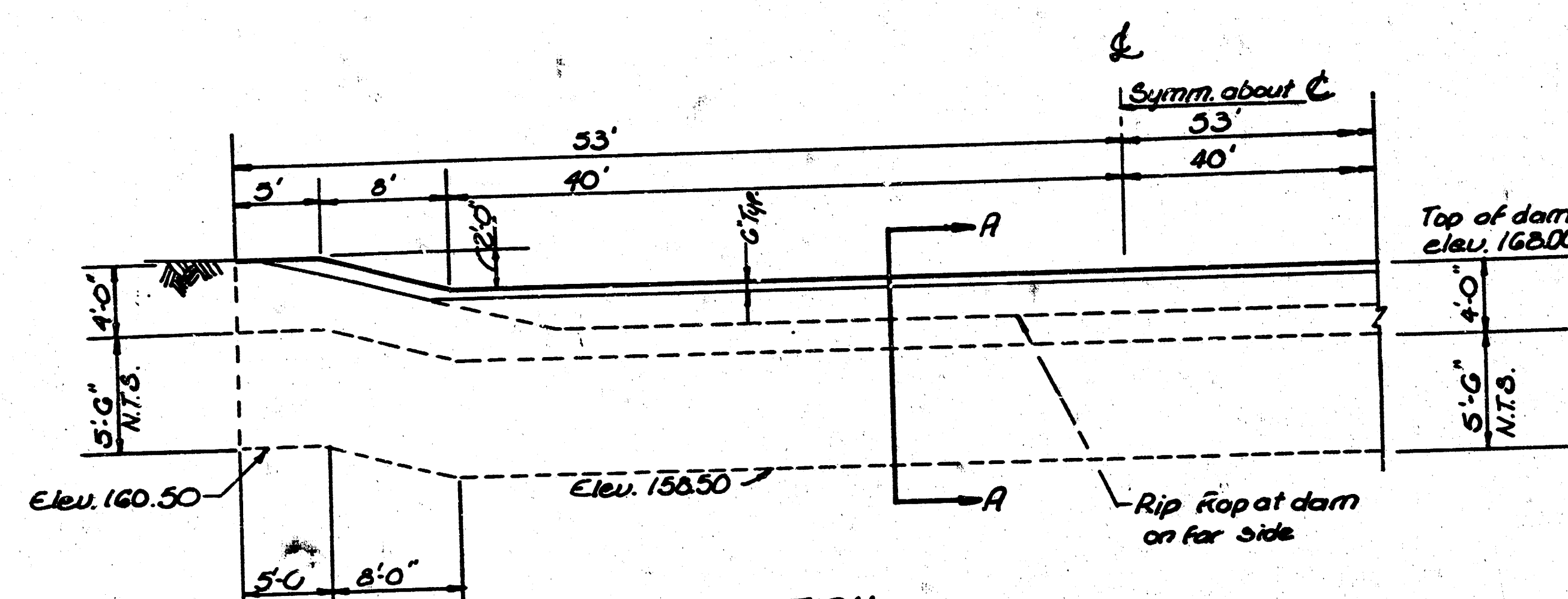
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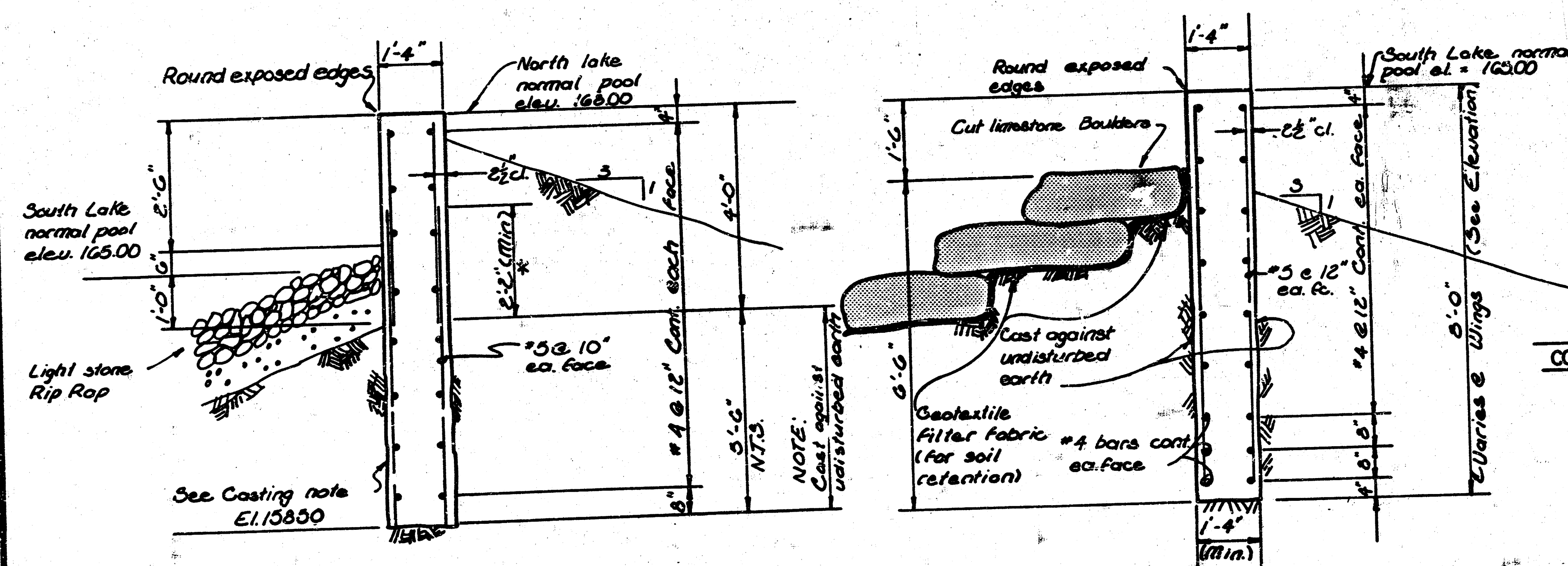
ELEVATION
SOUTH LAKE WEIR
Looking down stream
scale $\frac{1}{8}'' = 1'-0''$



SECTION B-B
scale $\frac{1}{8}'' = 1'-0''$



ELEVATION
NORTH LAKE WEIR
(Looking downstream)
scale $\frac{1}{8}'' = 1'-0''$

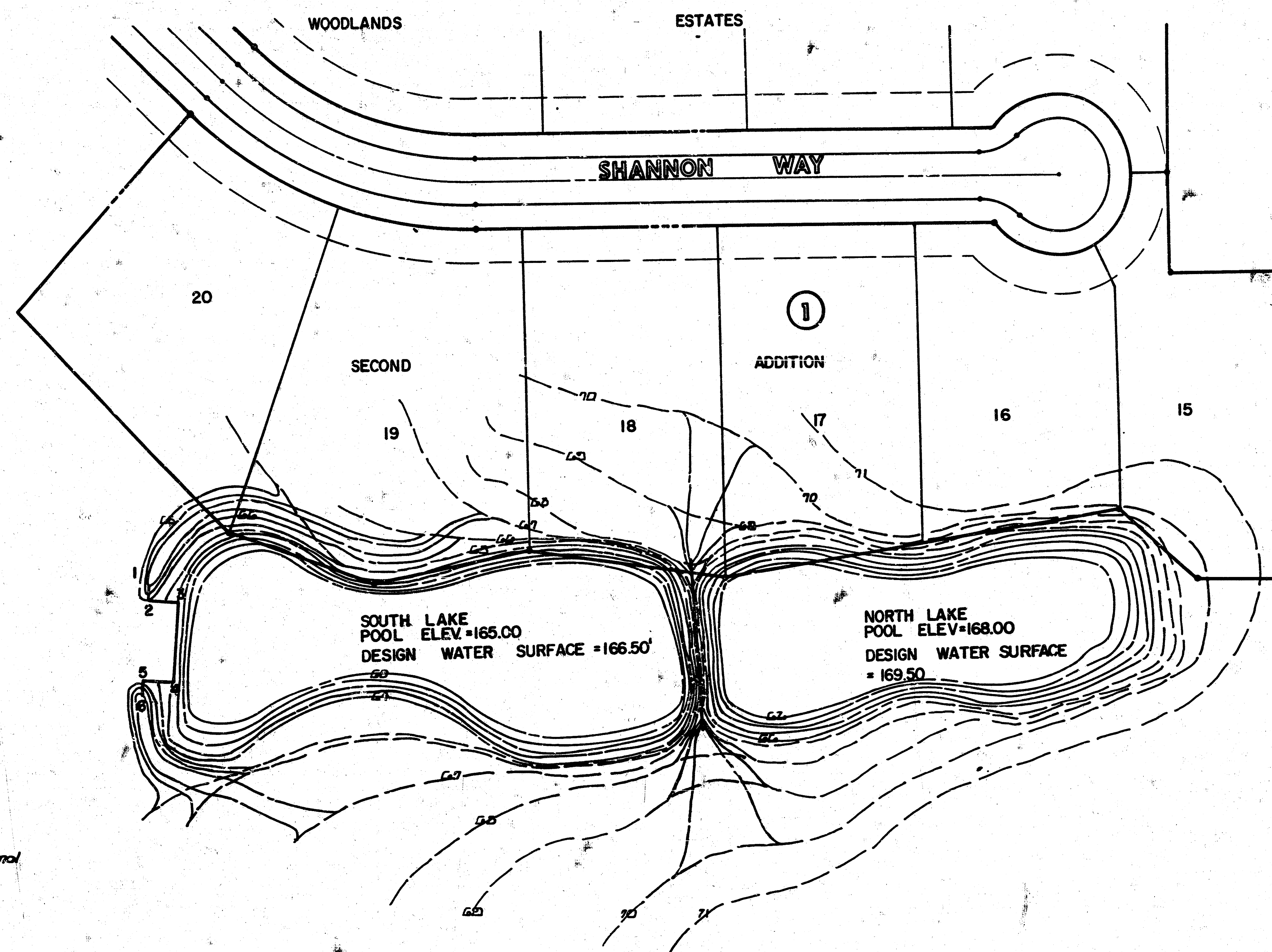


SECTION A-A
scale $\frac{1}{8}'' = 1'-0''$
NORTH LAKE

SECTION C-C
scale $\frac{1}{8}'' = 1'-0''$
SOUTH LAKE

* NOTE: Alternate of construction
#3 @ 12" cts. footing to top of wall

The concrete mix specified for the City of Wichita concrete pavement shall be used throughout. Bevel all exposed edges with a 3" triangular moulding, unless otherwise noted.



SOUTH LAKE		
CONTROL PTS.	DESCRIPTION	COORDINATES
1	DOWNSTREAM FACE	N. 6924.8102
	WEST WING	E. 1842.4293
2	DOWNSTREAM FACE	N. 6924.2360
	E.COR. WEST WING	E. 1850.4086
3	DOWNSTREAM FACE	N. 6945.5143
	N.E. COR.	E. 1851.9397
4	DOWNSTREAM FACE	N. 6941.9259
	N.W. COR.	E. 1901.8107
5	DOWNSTREAM FACE	N. 6920.6476
	W. COR. E. WING	E. 1900.2797
6	DOWNSTREAM FACE	N. 6920.0735
	EAST WING	E. 1908.2591
WEIR ORIENTATION. S.85°53'04" E.		

NORTH LAKE	
WEIR	N. 7281.9224
DOWNSTREAM FACE	E. 1883.9770
WEIR ORIENTED N.87°44'08" E	

SCALE 1" = 50'

SW. COR. SE. 1/4
SEC. 17, T. 27S. R. 2E.
N. 4987.1841
E. 1006.5187



LAKES
IN
WOODLAND ESTATES
SECOND

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

Design P.E. M.	Sheet 3 3/3
Drawn by E.C.S. K.J.S.	
Checked by	
Date	
Job no.	

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