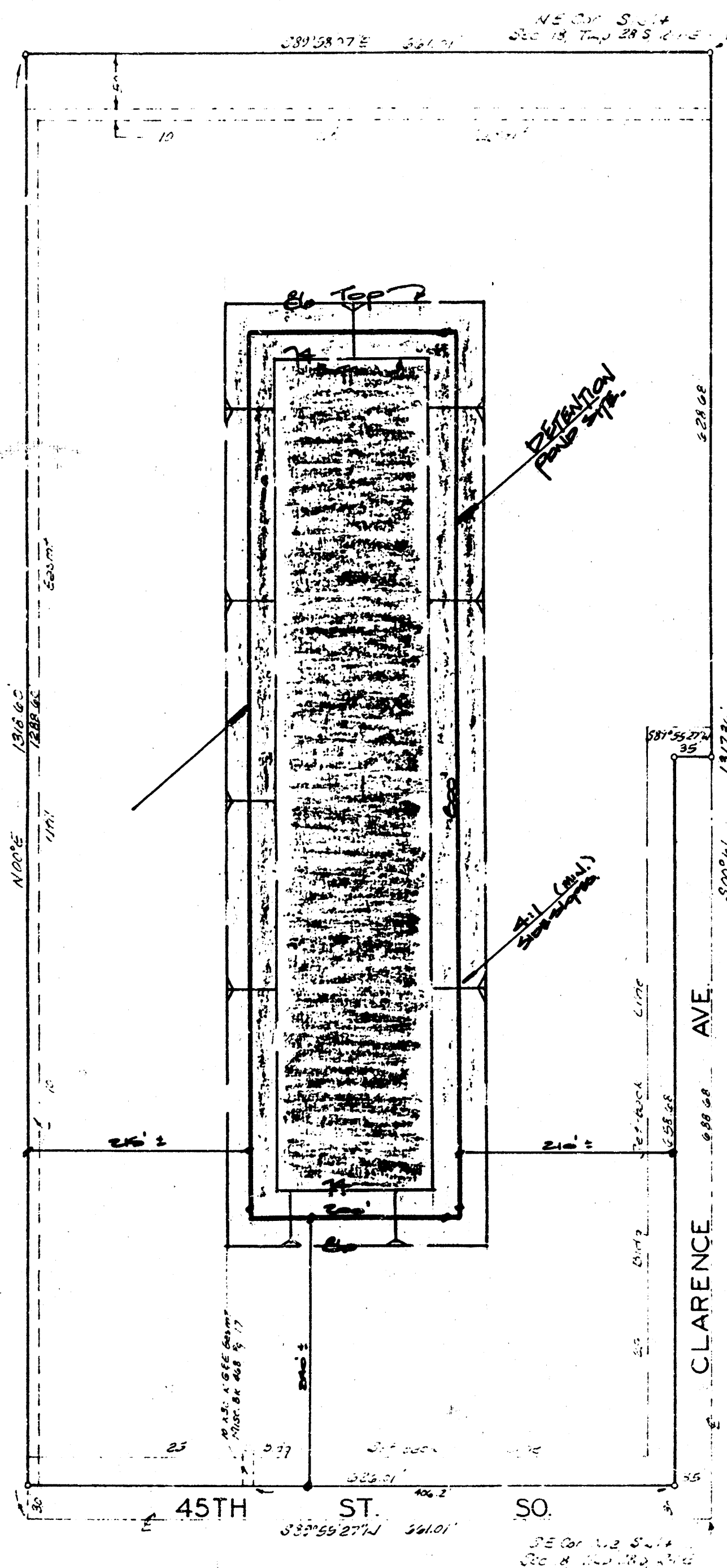


SOUTHLAKE 3RD ADDITION
(DRAINAGE)

SOUTH LAKE 3RD. ADDITION WICHITA, KANSAS



State of Kansas? SS. We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "SOUTH LAKE 3RD. ADDITION" Wichita, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as the east 30 acres of the N 1/2 of the SW 1/4 of Sec. 18, Twp. 28-S, R-1-E of the 6th P.M., Sedgewick County, Kansas.

Baughman Company, P.A.

State of Kansas? SS. We, the undersigned, have caused the land described in the surveyors' certificate to be platted into a lot and streets to be known as "SOUTH LAKE 3RD. ADDITION", Wichita, Kansas. The easements are hereby granted as indicated for the construction and maintenance of all public utilities. The streets are hereby dedicated to and for the use of the public.

Melvin L. Davis Barbara L. Davis

State of Kansas? SS. The foregoing instrument was acknowledged before me, this day of 198, by Melvin L. Davis and Barbara L. Davis his wife.

My Appt. Exp. Notary Public

This plat of "SOUTH LAKE 3RD. ADDITION" Wichita, Kansas, has been submitted to and approved by the Wichita-Sedgewick County Metropolitan Area Planning Commission, Wichita, Kansas. Dated this day of 198, Wichita-Sedgewick County Metropolitan Area Planning Commission.

Robert L. Enshawn Chairman
Robert A. Enshawn Secretary

This plat approved and all dedications shown hereon accepted by the Board of Commissioners of the City of Wichita, Kansas, this day of 198.

Shirley Wright Mayor
David C. Enshawn City Clerk

This plat approved and all dedications shown hereon accepted by the Board of Commissioners, Sedgewick County, Kansas, this day of 198.

James Spurr Chairman
Thomas E. Spurr Commissioner
John Spurr Commissioner
Barbara K. White County Clerk

Entered on transfer record this day of 198.

Barbara K. White County Clerk

State of Kansas? SS. This is to certify that this plat has been filed for record in the office of the Register of Deeds, this day of 198, at o'clock P.M., and is duly recorded.

Gene E. Heston Register of Deeds
Ted Kettler Deputy

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 330 LAURA • WICHITA, KANSAS 67211

CONFIRMATION
MEMO

PROJECT SOUTHLAKE 3RD ADDITION
JOB NO.
TO Chris Breitenstein
FROM N. Brent Wooten
REFERENCE Final drainage plan.

DATE 12/3/83

COPIES TO:

Final plat is scheduled for subdivision for Dec. 22, 1983.

Proposed building locations and retention pond site are indicated on the plan. The plat will retain all of its storm water runoff within the plat. This includes the major storm flow also. No discharge will be directed to either Clarence on the east or to 45th St. on the south.

Drainage area for the plat is 18.54 acres total. As calculated in the concept plan for this plat, the required storage volume for complete retention of this site is approximately 6 Ac.Ft.

The plat is proposed to be developed with a paved driveway and parking area around the perimeter of the plat as indicated. These paved areas and the roof drains from the apartment sites will be discharged into the pond site at various points thru either pipe and inlets, flumes, or grassed swales. The actual discharge means into the pond will be determined at the time of final site development in the future.

RECEIVED
DEC 12 1983
Dept. Of Engineering

PAGE 1 OF 2

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
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CONFIRMATION
MEMO

PROJECT
JOB NO.
TO
FROM
REFERENCE

DATE

COPIES TO:

The retention pond site proposed for the Southlake 3rd Addition will be solely the responsibility of the owners for construction and also for the maintenance thereof.

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REFERENCE

DATE

COPIES TO:

Pond characteristics - The pond is intended as an amenity to the site, therefore visual aesthetics is important in the design. The pond will be excavated to and at least 6-8 feet below the existing ground water level. This will provide for a clear water surface, discourage cattails and other vegetation from growing from the bottom, and a free infiltration discharge way for the storm runoff to be received into.

Approximate ground water elevation in this area is 78 to 80 elevation. Proposed bottom for the pond will be excavated to an elevation of 74. Assuming water surface is constant at elevation 80 then available capacity could be considered from elevation 80 to 86 which will be the average top of bank of the pond site. Assume a one foot free-board which leaves and elevation of 85 for capacity consideration. Approximate pond dimensions will be 200' x 800' x 5' for volume. Available volume above the water table level = 18 Ac-Ft.

This pond will provide three times the amount of storage required for the major storm flow. These pond dimensions are also indicated on the final plat copy for location. Since the developer is providing this size of volume capacity beyond the required it should preclude the need for any subsurface soil investigation report. This size of pond will adequately supply the necessary capacity with four days after receiving the major storm and also should allow for a fluctuating ground water table.

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