

BAUGHMAN COMPANY, P. A.
ENGINEERING & SURVEYING
315 ELLIS WICHITA, KANSAS 67211
(316) 282-7271 FAX (316) 282-0149

LETTER OF TRANSMITTAL

TO: Vicky Huang
Office of Engineering
7th Floor-City Building
Wichita, Kansas

DATE: 5/8/95
JOB NO.
ATTENTION: Vicky
RE: Drainage Plan

WE ARE SENDING YOU Attached Under separate cover via the following items:

- Plans Prints Shop drawings Samples Copy of letter
 Specifications Change order Computer disk Other

COPIES	DATE	DESCRIPTION
1	5/8/95	St. Mary's Missionary Baptist Church Drainage Plan (Revised)

THESE ARE TRANSMITTED as checked below:

- For approval Approved as submitted For review and comment
 For your use & information Approved as noted FOR BIDS DUE
 As requested Return for corrections

REMARKS:

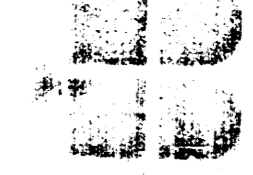
COPY TO: file

SIGNED:

John D. Schmit

ST. MARY'S MISSIONARY BAPTIST CHURCH

By JDS Date Page 1 Of



BAUGHMAN COMPANY, P.A.

PIPE SIZING

D.A. = 1.1 ac.
C = 0.9
Q_s = 4.5 cfs
Q₁₀₀ = 7.3 cfs

15" RCP @ 0.45%

Use 2'x4' Drop Inlet

DRAINAGE PLAN

ST. MARY'S MISSIONARY BAPTIST CHURCH ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS

- SCALE
1" = 40'
- = IRON
CONTOURS @ 1' INTERVALS
- LEGEND
- (FH) - FIRE HYDRANT
 - (GP) - GUARD POST
 - (GM/IM) - GUY WIRE
 - - SWB PED
 - - SWB DUCT
 - (100) - IRRIGATION CONTROL VALVE
 - (V) - VALVE BOX
 - (S) - SIGN
 - (A.C.) - A.C.
 - (LP) - LIGHT POLE
 - (PP) - POWER POLE
 - (SM) - SWB MANHOLE

LEGAL

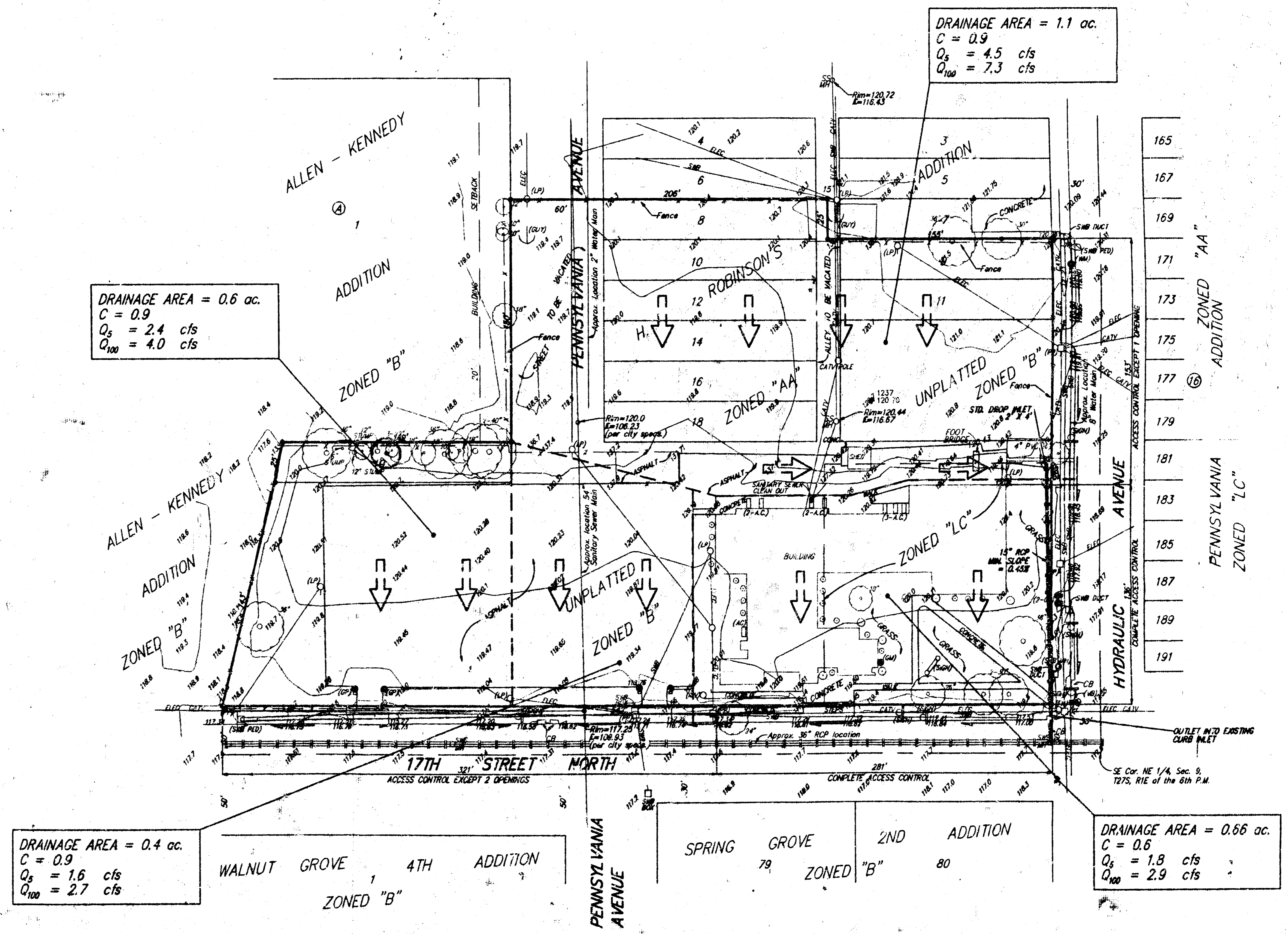
A replat of Lots 8, 10, 12, H. ROBINSON'S ADDITION, Wichita, Kansas, together with the west 1/2 of alley lying east of and adjacent to said Lots; Lots 14, 16, 18, H. ROBINSON'S ADDITION, Wichita, Kansas, together with all of alley lying east of and adjacent to said Lots, together with an unplatted tract of land in NE 1/4 Sec. 9-27-1E.

BENCHMARK

Brass rod in concrete post, 24' east 25.5' north of intersection of center-lines of 17th Street and Hydraulic Avenue. Elev. = 117.25

OWNER

Greater St. Mary's Missionary Baptist Church
Attn: Oscar Jones
3901 E. 26th St. N.
Wichita, Kansas 67220
(316) 686-6030



DRAINAGE AREA = 1.1 ac.
C = 0.9
Q₅ = 4.5 cfs
Q₁₀₀ = 7.3 cfs

DRAINAGE AREA = 0.6 ac.
C = 0.9
Q₅ = 2.4 cfs
Q₁₀₀ = 4.0 cfs

DRAINAGE AREA = 0.4 ac.
C = 0.9
Q₅ = 1.6 cfs
Q₁₀₀ = 2.7 cfs

DRAINAGE AREA = 0.66 ac.
C = 0.6
Q₅ = 1.8 cfs
Q₁₀₀ = 2.9 cfs

Rev'd. May 8, 1995
January 30, 1995