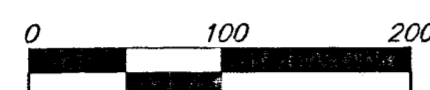


DRAINAGE CONCEPT METRO EAST BAPTIST CHURCH ADDITION SEDGWICK COUNTY, KANSAS



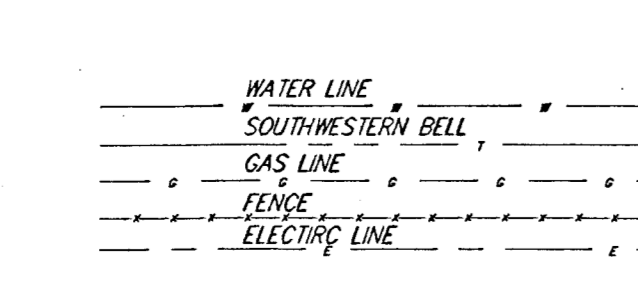
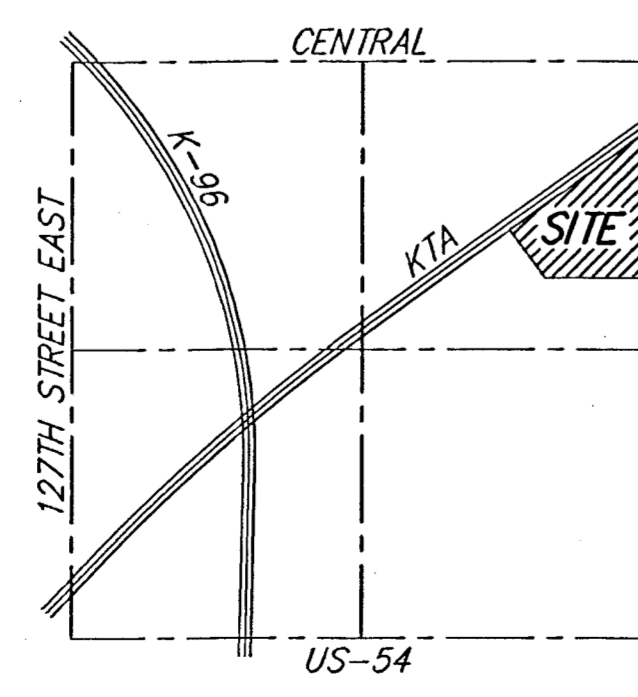
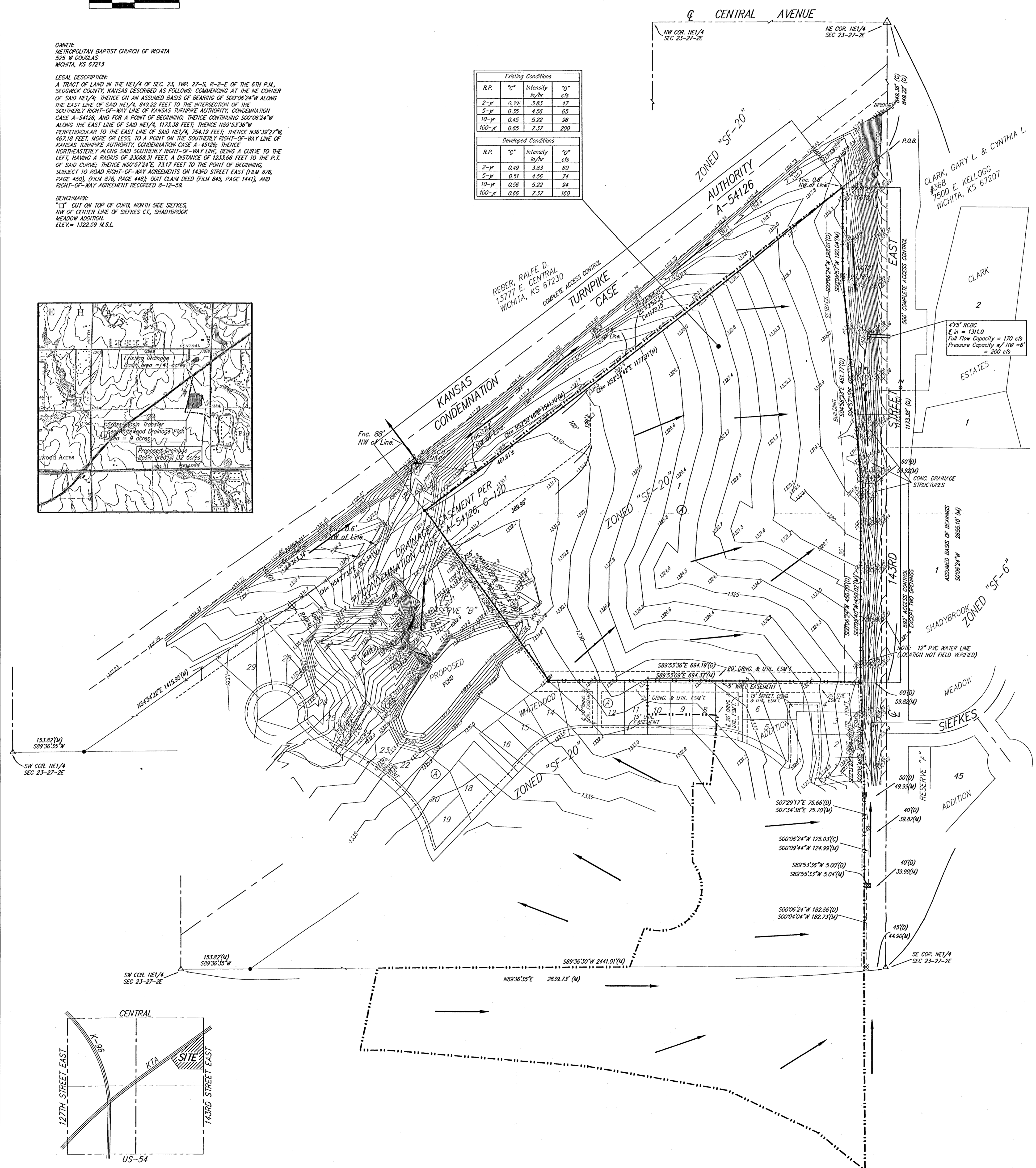
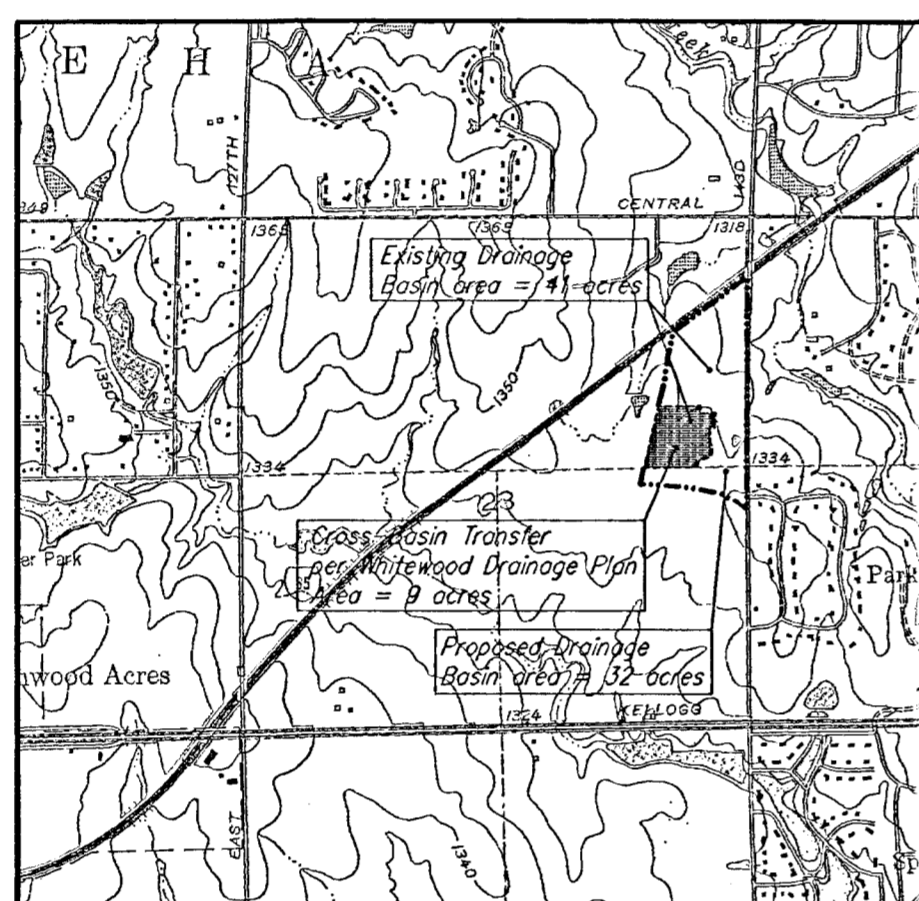
OWNER:
METROPOLITAN BAPTIST CHURCH OF WICHITA
525 W DOUGLAS
WICHITA, KS 67213

LEGAL DESCRIPTION:
A TRACT OF LAND IN THE NE 1/4 OF SEC. 23, TWP. 27-S, R-2-E OF THE 6TH P.M.,
SEDGWICK COUNTY, KANSAS DESCRIBED AS FOLLOWS: COMMENCING AT THE NE CORNER
OF SAID NE 1/4; THENCE ON AN ASSUMED BASIS OF BEARING OF S00°02'24"W ALONG
THE EAST LINE OF SAID NE 1/4, 849.22 FEET TO THE INTERSECTION OF THE
SOUTHERLY RIGHT-OF-WAY LINE OF KANSAS TURNPIKE AUTHORITY, CONDEMNATION
CASE A-54126, AND FOR A POINT OF BEGINNING, THENCE CONTINUING S00°06'24"W
ALONG THE EAST LINE OF SAID NE 1/4, 1173.58 FEET, THENCE N89°53'36"W
PERPENDICULAR TO THE EAST LINE OF SAID NE 1/4, 754.19 FEET, THENCE N48°39'27"W
4621.8 FEET, MORE OR LESS, TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF
KANSAS TURNPIKE AUTHORITY, CONDEMNATION CASE A-54126; THENCE
NORTHEASTERLY ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, BEING A CURVE TO THE
LEFT, HAVING A RADIUS OF 2,068.11 FEET, A DISTANCE OF 1233.66 FEET TO THE P.T.
OF SAID CURVE; THENCE N00°57'24"E, 231.17 FEET TO THE POINT OF BEGINNING,
SUBJECT TO ROAD RIGHT-OF-WAY AGREEMENTS ON 143RD STREET EAST (FILM 876,
PAGE 450), (FILM 876, PAGE 448), GUT CLAIM DEED (FILM 845, PAGE 1441), AND
RIGHT-OF-WAY AGREEMENT RECORDED 8-12-58.

BENCHMARK:
"1" CUT ON TOP OF CURB, NORTH SIDE SIEFKES,
NW OF CENTER LINE OF SIEFKES CT., SHADYBROOK
MEADOW ADDITION
ELEV. = 1322.59 M.S.L.

Existing Conditions			
R.P.	"c"	Intensity in/hr	"q" cfs
2'-r	0.10	3.83	47
5'-r	0.35	4.56	65
10'-r	0.65	5.22	92
100'-r	0.65	7.37	200

Developed Conditions			
R.P.	"c"	Intensity in/hr	"q" cfs
2'-r	0.40	3.83	60
5'-r	0.51	4.56	74
10'-r	0.58	5.22	94
100'-r	0.68	7.37	180



FW = Fire Hydrant
WV = Water Valve