

DRAINAGE PLAN FOR BRIDGEPORT MISSIONARY BAPTIST CHURCH ADDITION

Sedgwick County, Kansas.

Description:

That part of the SE1/4 of Sec. 25, Twp. 28-S, R-1-W of the 6th P.M., Sedgwick County, lying northeasterly of the Big Ditch Cowskin Floodway as Condemned in Case No. 73916 and Case No. A-29459.

OWNER:
Bridgeport Missionary Baptist Church
3233 N. Market
Wichita, Kansas 67219

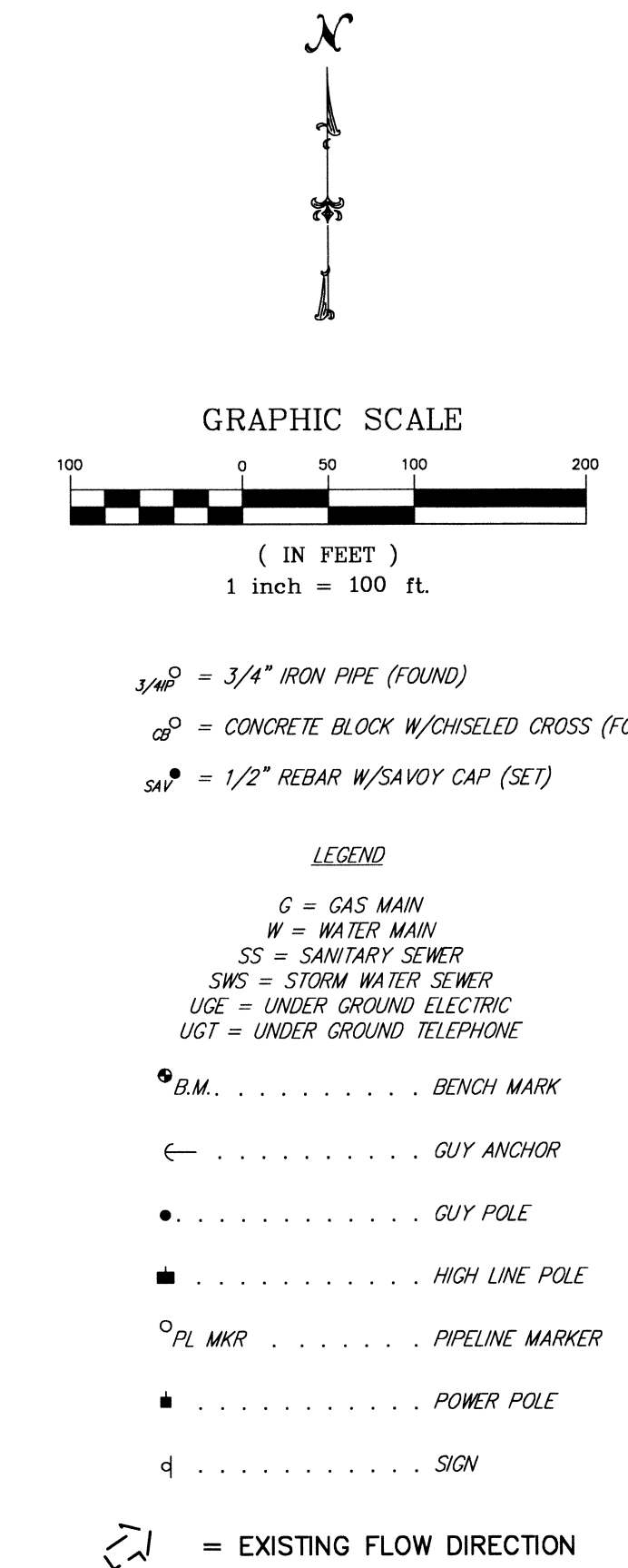
GROSS SIZE:
457077.93 Sq. Ft.
10.49 Acres±

NET SIZE OF PLAT:
393550.84 Sq. Ft.
9.03 Acres±

MINIMUM LOT SIZE:
393550.84 Sq. Ft.
9.03 Acres±

ZONING:
SF20 - Single Family
RR - Rural Residential

CONTROL NUMBER:
507721



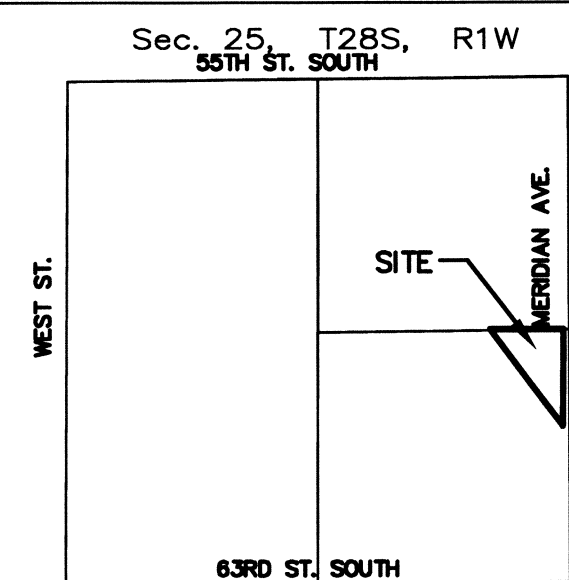
ONSITE UNDEVELOPED DRAINAGE DATA:	ONSITE DEVELOPED DRAINAGE DATA:
Area = 9.03 Acres	Area = 9.03 Acres
SCS Soil Type D	SCS Soil Type D
Tabler Silty Clay Loam,	Tabler Silty Clay Loam,
Slope Less than 1%	Slope Less than 1%
C 100 = 0.63	WTD C 100 = 0.65
Tc = 66 Min	Tc = 55 Min
I 100 = 3.52"/hr.	I 100 = 3.91"/hr.
Q 100 = 20.0 cfs	Q 100 = 22.9 cfs

Proposed Detention Pond
Bottom Area=0.95 Acres
Bottom Elev.=1268.0(Static Water Elev.)
Top Elev.=1270.00
Maximum Stage Elev.(100 yr.)=1268.60
Peak Discharge(100 yr.)=16.78 cfs
Storage=1.18 ac.-ft. from Stage 1268.0 to Stage 1270.00

PROPOSED LAND USE:
One Church w/ asphalt parking lot with remainder of lot to be native or pasture grass.

PROPOSED SURFACE DRAINAGE:
*Surface drainage from this lot will continue to drain consistent with the existing contours depicted on this topographic map. Regrading will occur as required around the perimeter of any proposed buildings. However, regrading of the entire lot is not proposed and developed lot drainage will be as reflected by existing contours.

FLOOD ZONE MAP

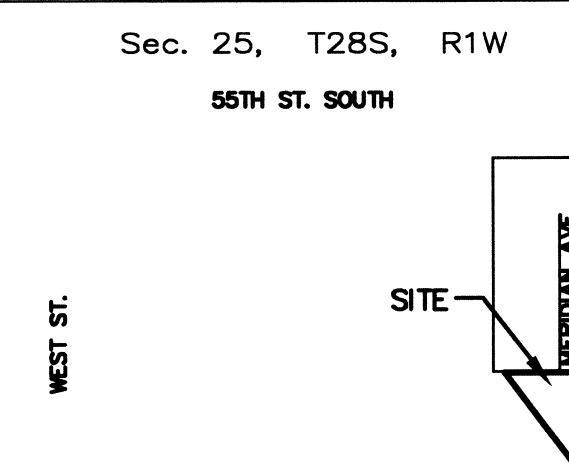


7.5 Minute Series
SCALE : 1" = 2,000'

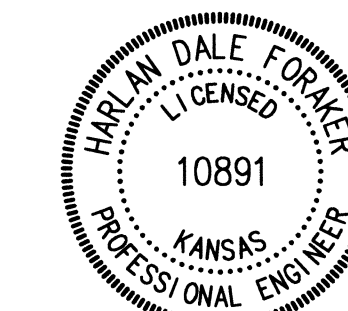
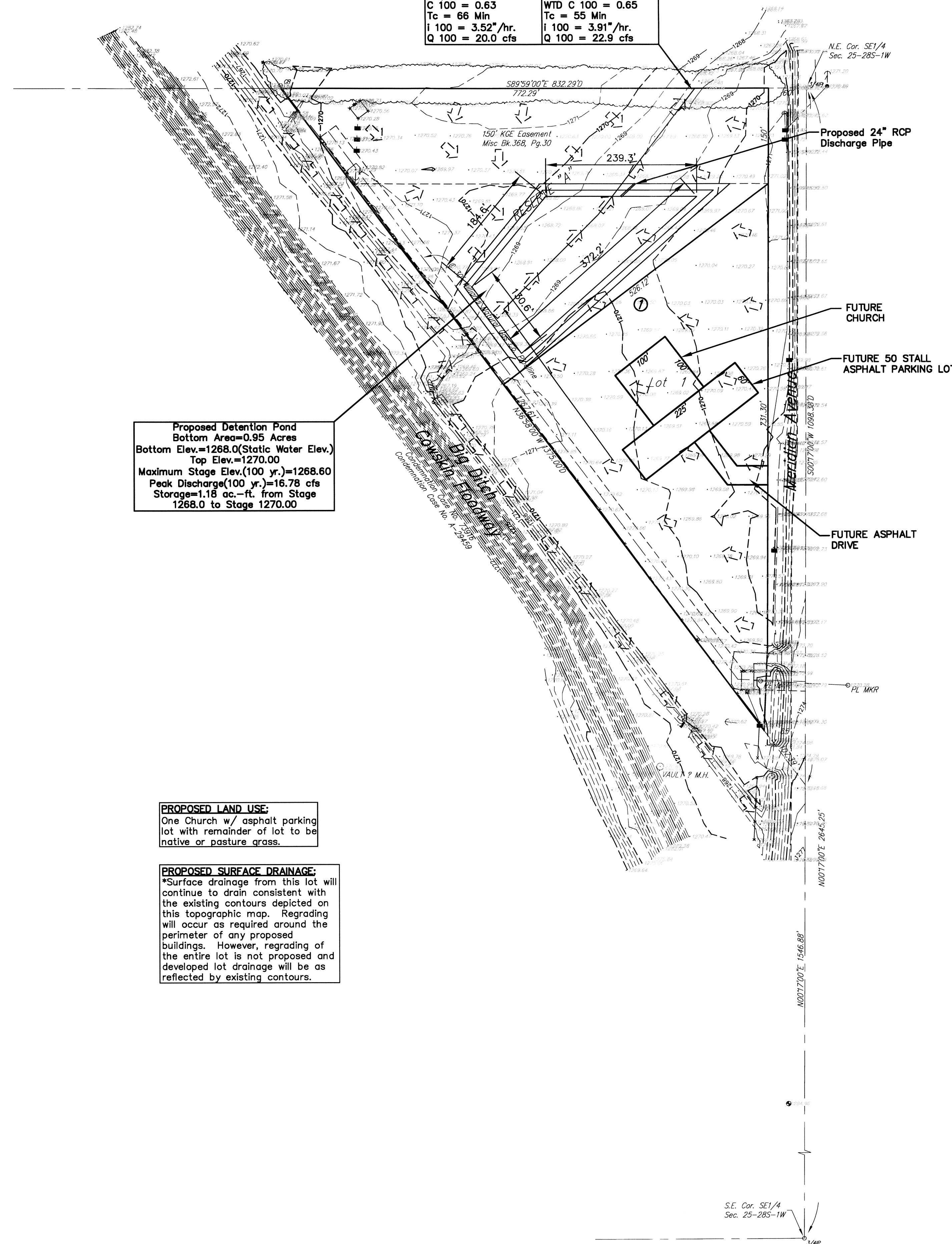
FLOOD ZONE:

Subject property is in Zones A6 & B, as shown of Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) for Wichita, Sedgwick County, Kansas, Panel Number 200321 0200 A, effective June , 1986.

QUADRANGLE MAP



63RD ST. SOUTH
SCALE : 1" = 2,000'
BAYNEVILLE/DERBY QUADRANGLE



DRAINAGE PLAN PREPARED BY:		
CERTIFIED ENGINEERING DESIGN, P.A.		
CED	810 WEST DOUGLAS, SUITE C	SHEET 1
	WICHITA, KANSAS 67203	TOTAL 1
	PH: (316) 262-8808	
	FAX: (316) 262-1669	