de PAUL ADDITION

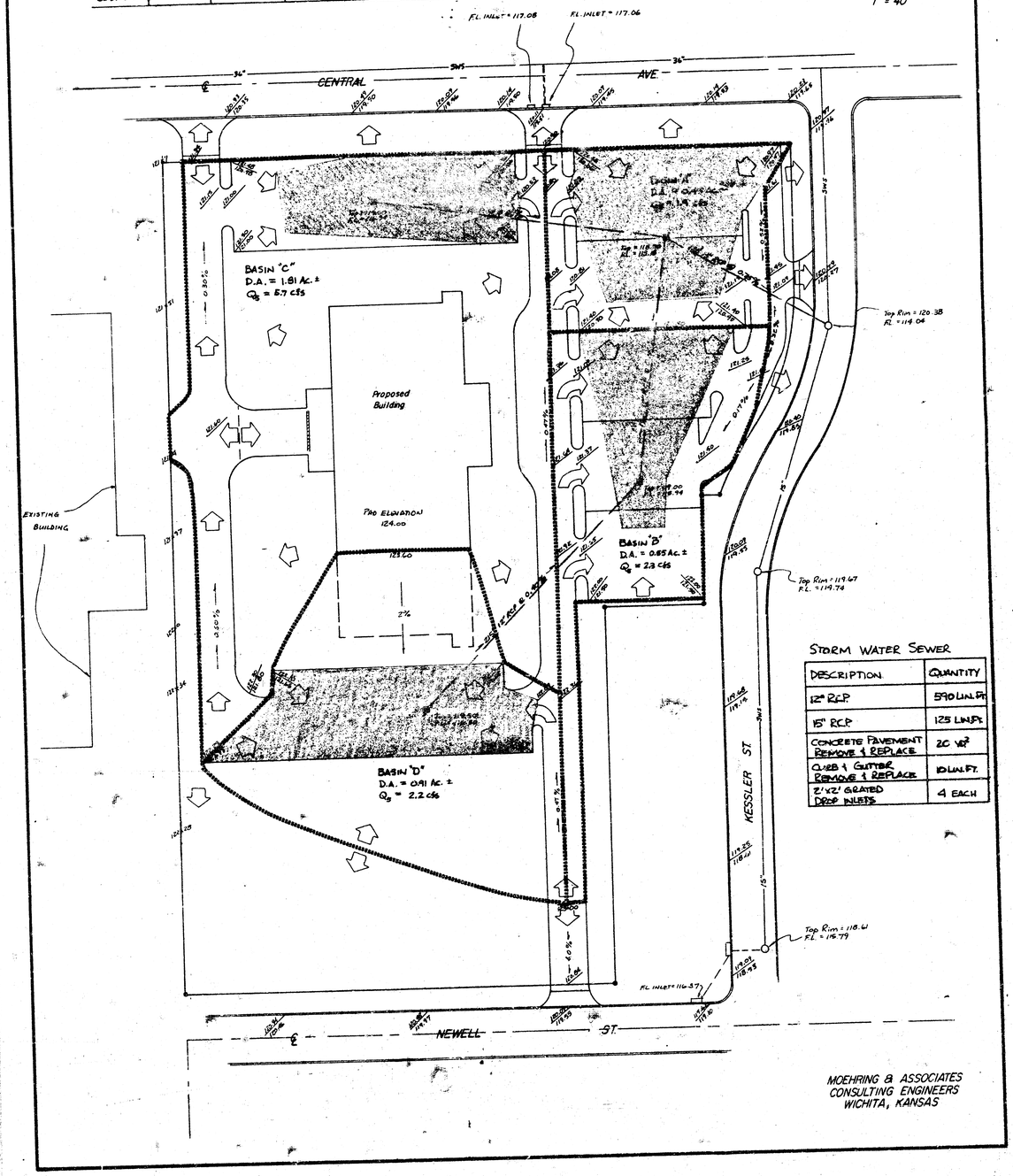
ON SITE DRAINAGE CONCEPT

5-YEAR FREQUENCY DESIGN STORM
F.A.A. DESIGN METHOD

	Q_s Basin Runoff	Accumulated Runoff	Pipe Capacity	% Discharge	Maximum Storage Volume in Parking Areas
BASIN D	2.2 cfs	2.2 cfs	2.4cfs	100%	9800 ft³
BASIN C	5.7	5.7	2.9	51%	4330
BASIN B	2.3	4.5	2.4	53%	5730
BASIN A	1.9	12.1	6.1	50%	9450

N
W E
S

1" = 40'



STORM WATER SEWER

DESCRIPTION	QUANTITY
12" R.C.P.	590 LIN.FT.
15" R.C.P.	125 LIN.FT.
CONCRETE PAVEMENT REMOVE & REPLACE	20 YD²
CURB & GUTTER REMOVE & REPLACE	10 LIN.FT.
2'x2' GRATED DROP INLETS	4 EACH

MOEHRING & ASSOCIATES
CONSULTING ENGINEERS
WICHITA, KANSAS