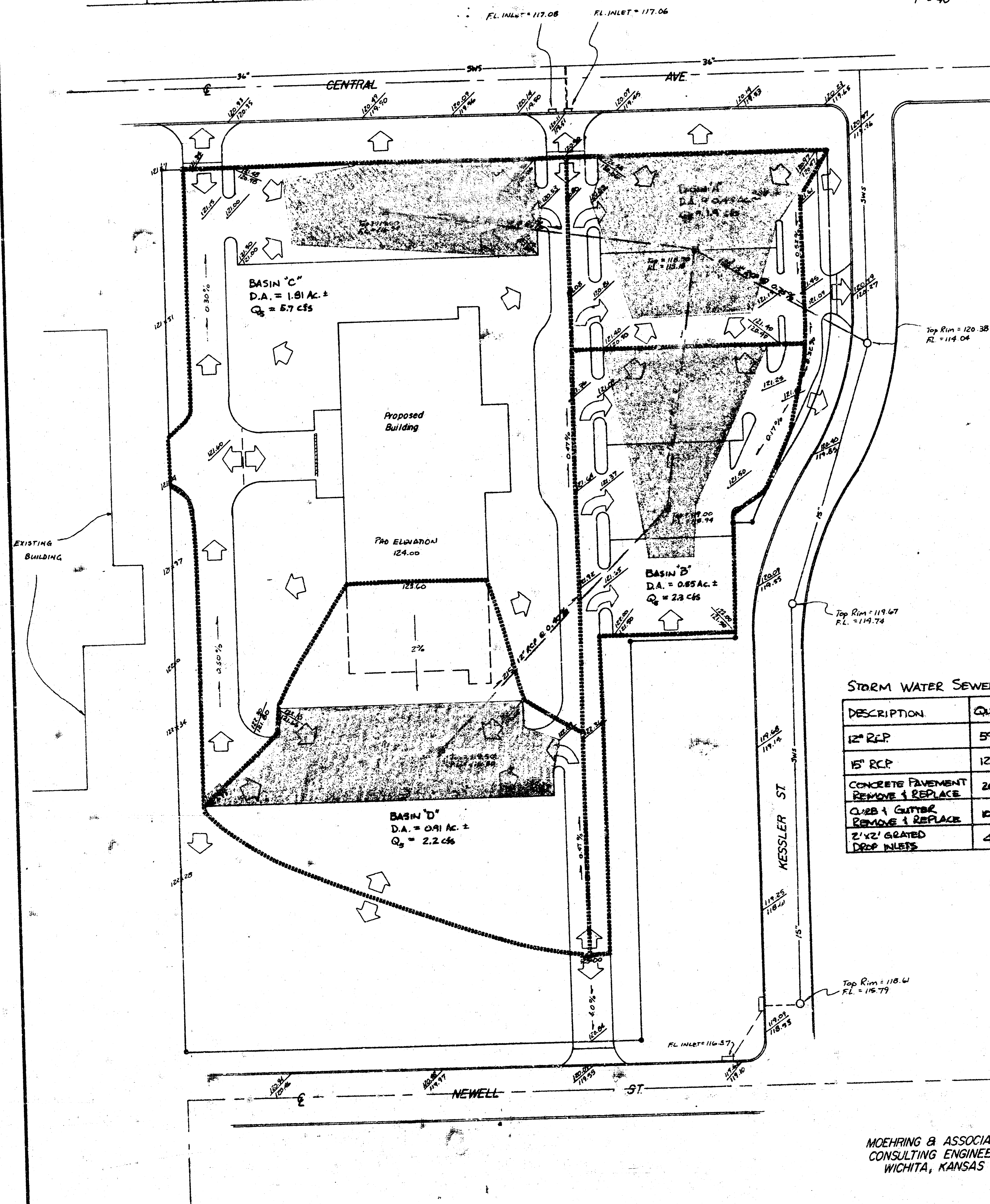
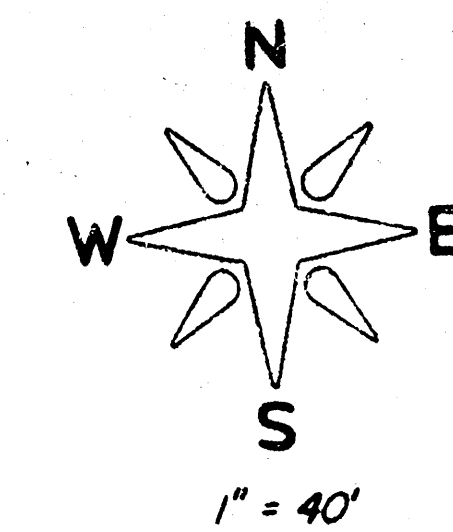


de PAUL ADDITION ON SITE DRAINAGE CONCEPT

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

	Q _p BASIN RUNOFF	ACCUMULATED RUNOFF	PIPE CAPACITY	% DISCHARGE	MAXIMUM STORAGE VOLUME IN PARKING AREAS
BASIN D	2.2 cfs	2.2 cfs	2.4 cfs	100 %	9,800 cu ft
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 %	9650



STORM WATER SEWER

DESCRIPTION	QUANTITY
12" RCP	570 L.F.
15" RCP	125 L.F.
CONCRETE PAVEMENT REMOVE & REPLACE	20 YD ²
CURB & GUTTER REMOVE & REPLACE	10 L.F.
2" x 2" GRATED DROP INLETS	4 EACH