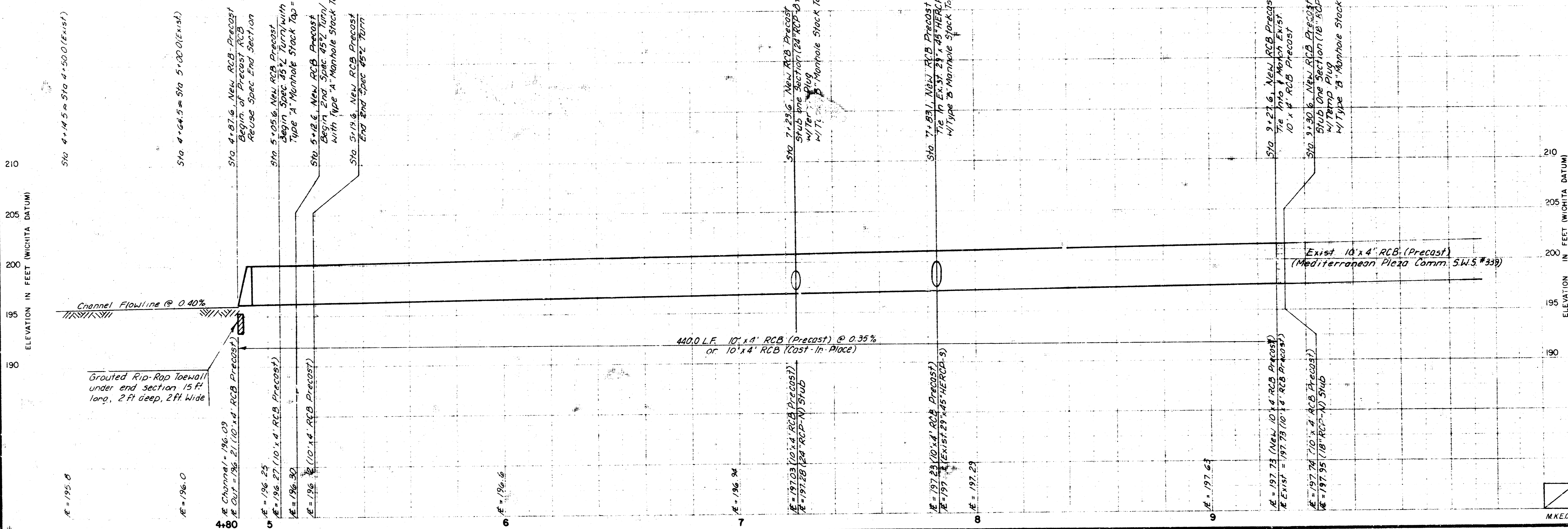


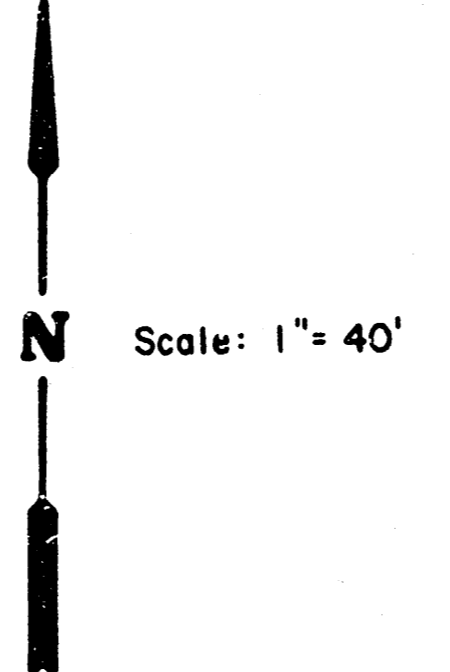
KILLARNEY PLAZA THIRD ADDITION

NOTE: Fill existing channel with excess material on site & contractor supplied fill. Contractor shall compact fill (90% of standard proctor compaction: ASTM D-698)

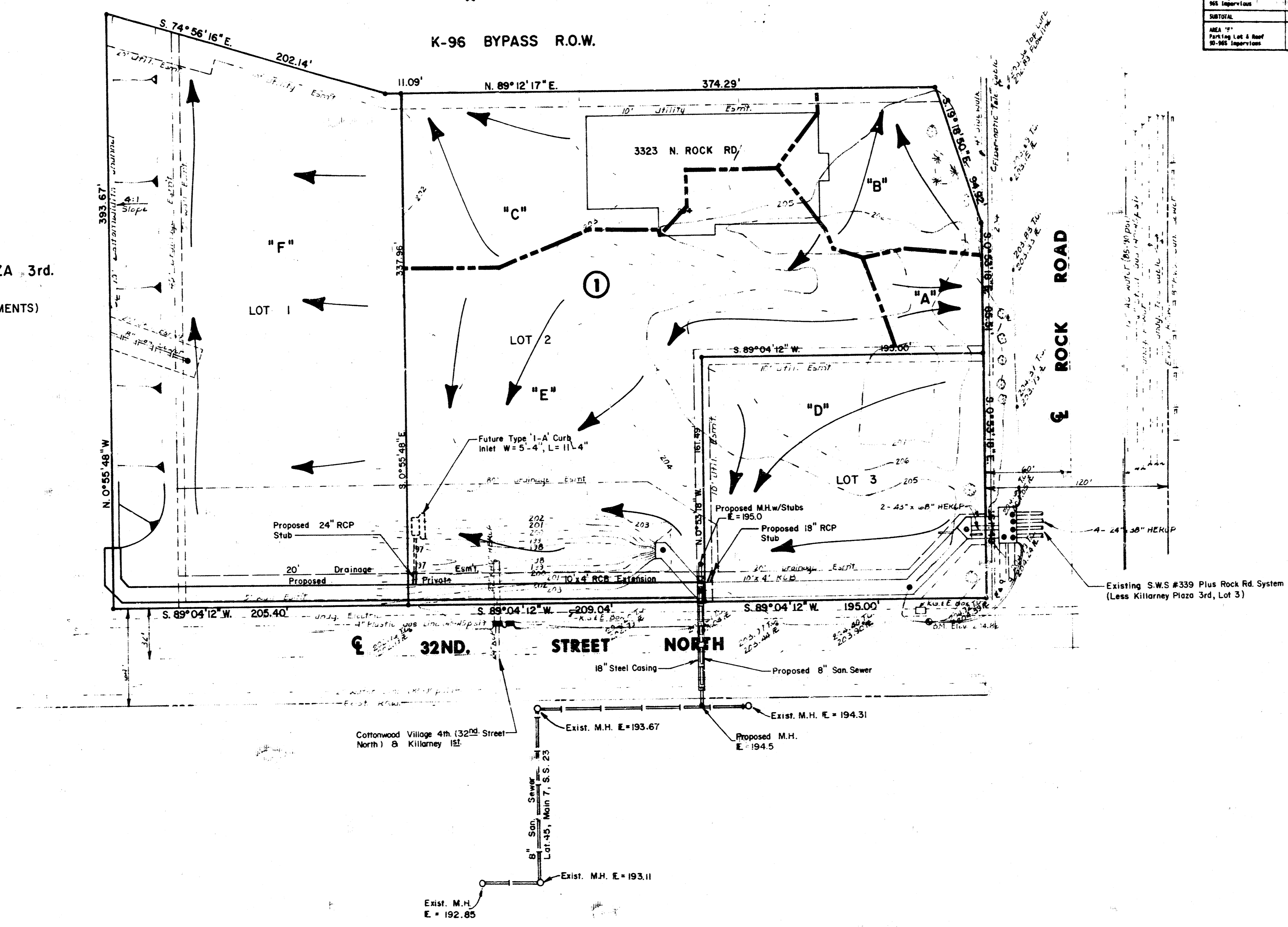
RCB NOTE:
Precast Barrel Sections: The precast concrete barrel sections shall conform to the ASTM C-850 specifications. If contractor decides to build cast-in-place RCB, plans need to be reviewed by the engineer. RCB may be extended again in future. Cost of special 45° L turns shall be included in the linear foot cost of the precast 10' x 4' RCB.

Scale: 1" = 20' Horiz.
 1" = 5' Vert.





KILLARNEY PLAZA 3rd.
LOT 2
(CROSSCREEK APARTMENTS)



WASTEWATER AREA	AREA ACRES	AREA ACCUM.	%	C ₁₀₀	T ₁₀₀ (HR)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)	T ₁₀₀ (100%)
AREA "A" Parking Lot 300-300 Superflow	0.11	0.07	0.09	15	4.56	7.37	0.4	0.7	To Backflow				
AREA "B" Parking Lot & Roof 30-300 Superflow	0.34	0.21	0.21	15	4.56	7.37	1.1	1.8	To Future 4-36 Ditch				
AREA "C" Parking Lot & Roof 30-300 Superflow	0.39	0.25	0.25	15	4.56	7.37	1.2	2.0	To Future 4-36 Ditch				
EXIST. 300-300 & Backflow	47.70	0.26	0.88	29	2.30	5.90	126.4	247.7	Exist. 10" x 4' RCP				
AREA "D" Parking Lot & Roof 30-300 Superflow	0.73	0.46	0.46	15	4.56	7.37	2.9	4.9	18" RCP				
TOTAL	48.43	0.86	0.86	29	2.30	5.90	137.4	251.4	Proposed Extension 10" x 4' RCP				
COTTONWOOD VILLAGE 4TH (12th Street North) & Killarney Lot	7.94						23.0	4.0	Exist. 20" x 4' HEAVY				
TOTAL	56.37	0.86	0.86	29	2.30	5.79	157.1	290.9	Proposed Extension 10" x 4' RCP				
AREA "E" Parking Lot 300-300 Superflow	1.43	0.87	0.89	15	4.56	7.37	6.7	9.4	24" RCP				
TOTAL	57.80	0.86	0.86	29	2.30	5.79	161.1	297.8	Proposed Extension 10" x 4' RCP				
AREA "F" Parking Lot & Roof 30-300 Superflow	1.74	0.86	0.86	15	4.56	7.37	6.8	11.7	To West Channel & Future 4-36 Ditch				

	KILLARNEY PLAZA 4th ADDITION	Design Drawn by Checked by Date DEC. 1989 Scale
	DRAINAGE & UTILITY PLAN	Sheet of
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		682-6561

MKEC Proj. No. 88-07-145-A

