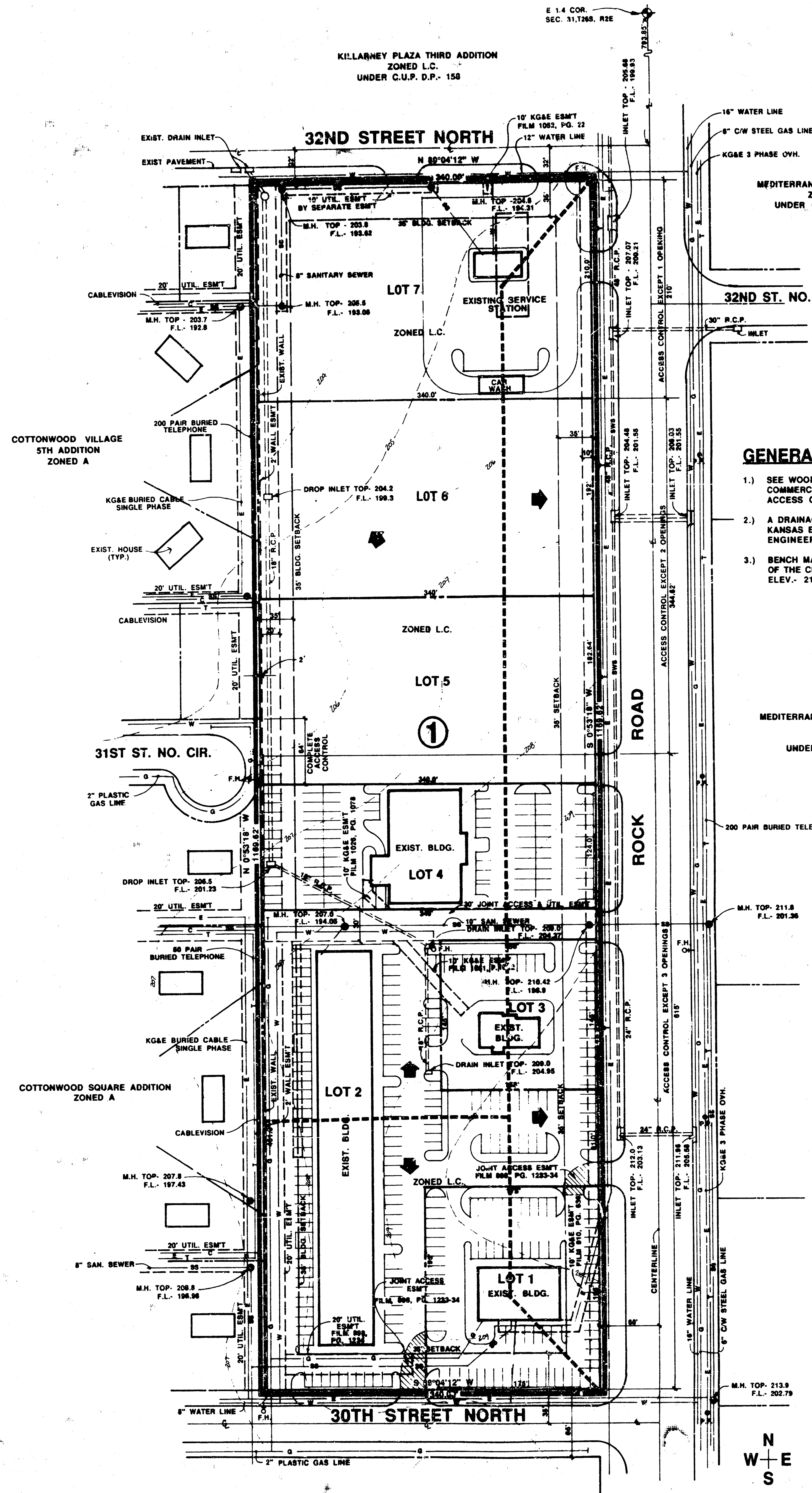


DRAINAGE & UTILITY PLAN

KILLARNEY SECOND ADDITION



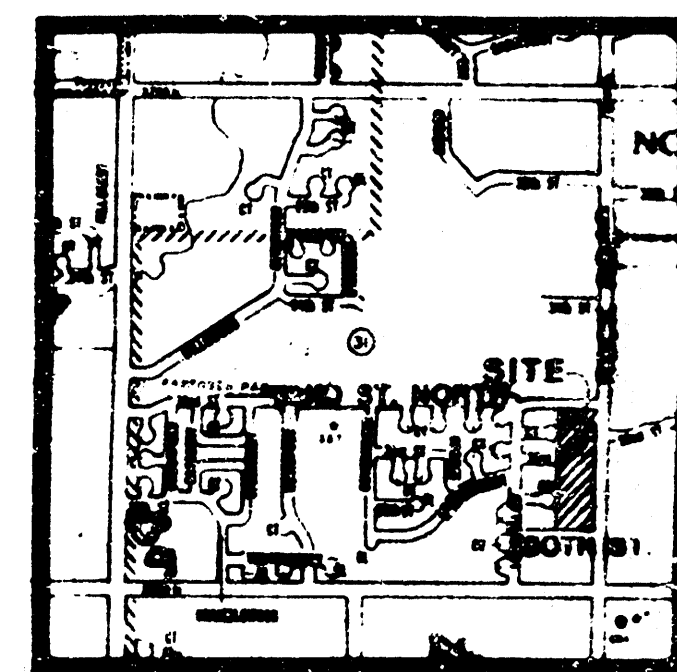
GENERAL NOTES:

- 1.) SEE WOODLAWN DEVELOPMENT COMPANY PARCEL 11 A COMMERCIAL C.U.P. FOR REQUIREMENTS ON SETBACKS ACCESS CONTROLS, WALLS, ETC.
- 2.) A DRAINAGE CONCEPT PLAN SHALL BE PREPARED BY M KANSAS ENGINEERING CO. AND SUBMITTED TO THE CITY ENGINEER.
- 3.) BENCH MARK: CITY STANDARD DISC, 44' SOUTH AND 4 OF THE CENTERLINE OF 29TH ST. NORTH & ROCK ROAD. ELEV. 213.30

MEDITERRANEAN PLAZA COMMERCIAL
2ND ADDITION
ZONED L.C.
UNDER C.U.P., D.P. 111

	AREA ACRES	C	T _c (cfs)	I _s (in/hr)	I ₅ (in/hr)	Q ₁₀₀ (cfs)	Q ₅ (cfs)	PIPE SIZE	PIPE SLOPE	INLETS
1	2.54	0.76	15	4.56	7.37	8.80	14.23	27" RCP	0.30%	3 1" x 5"
2	5.40	0.76	15	4.20	6.84	17.24	28.07	27" RCP	0.18%	
3	1.63	0.76	15	4.56	7.37	5.66	9.13	27" RCP	0.18%	

* NOTE: SIZED FOR Q₅. Existing 45% 25" HEDCP is equivalent to a 36" RCP & is more than adequate for the Q₅.



LOCATION MAP
NO SCALE

SCALE: 1"=50'-0"
CONTOUR INTERVAL: 1'
TOTAL AREA: 9.13 ACRES

**APPROVED
DRAINAGE PLAN**