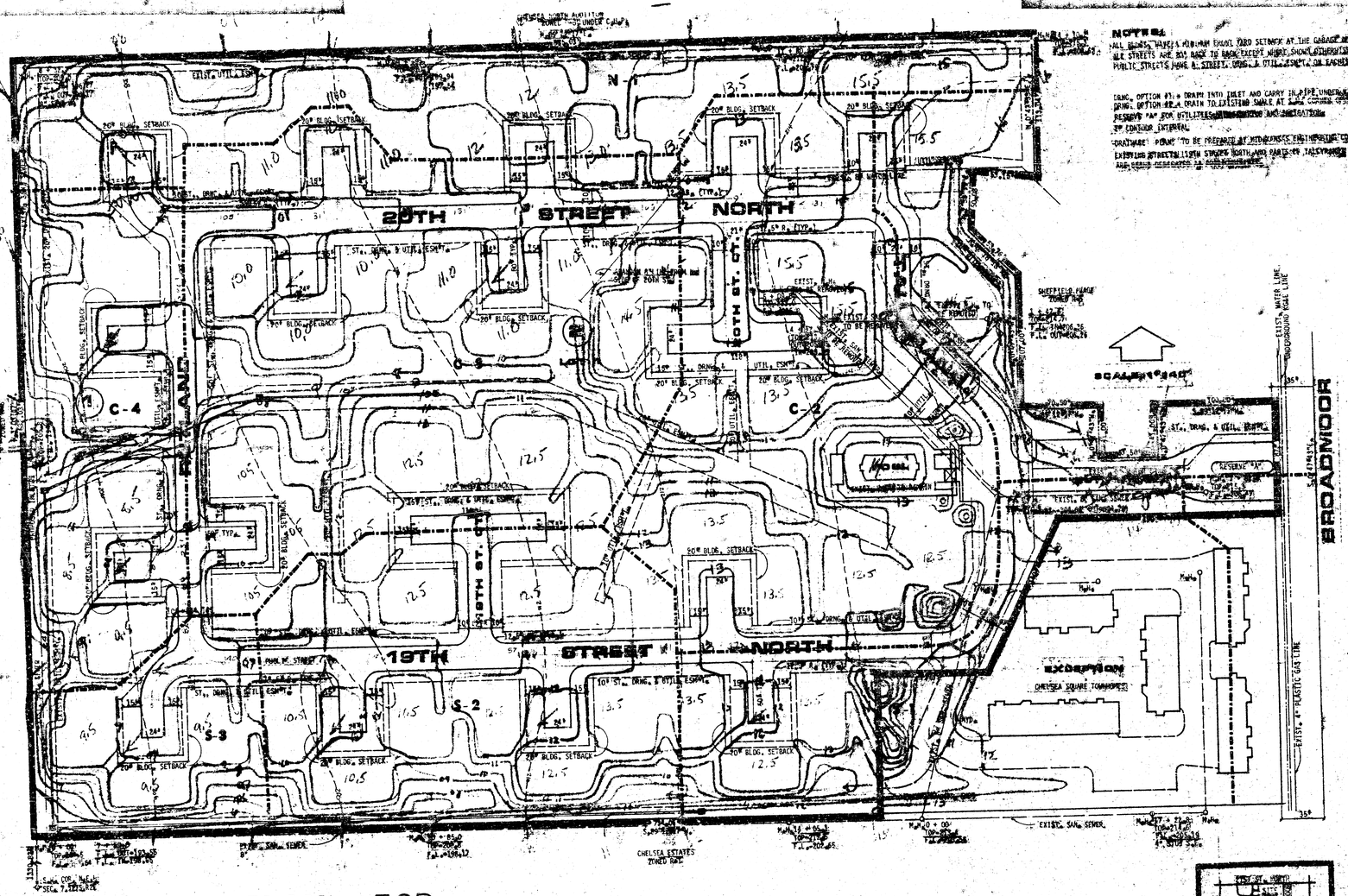

NOTES:

ALL BLDGS. HAVE A MINIMUM REAR YARD SETBACK AT THE GARAGE OF 20'.
ALL STREETS ARE BOX BACK TO BACK EXCEPT WHERE SHOWN OTHERWISE.
PUBLIC STREETS HAVE A STREET, DRNG. & UTIL. ESMT. ON EACH SIDE.

DRNG. OPTION #1: DRAIN INTO INLET AND CARRY IN PIPE UNDERGROUND
DRNG. OPTION #2: DRAIN TO EXISTING SWALE AT
RESERVE "A" FOR UTILITIES
2' CONTOUR INTERVAL

DRAINAGE PLAN FOR

CHELSEA SQUARE

3RD ADDITION

LOCATION MAP

LANDMARK COMMUNITIES, 3500 NORTH ROCK ROAD, BUILDING 800, WICHITA, KANSAS, 67226

BILL G. YUNG CO.
8000 E. 37TH ST. NORTH, WICHITA, KS. 67226

date
rev.

sheet title

project

sheet of

	CHELSEA SQ.	A	Area Acres	C	T_c	i_c	i_{100}	Q_c cfs	Q_{100} cfs	Q_c underground
N-1		1.0		0.5	25	3.32	7.36	2.6	5.9	
C-1		1.1		0.5	15	4.06	8.98	2.2	4.9	
C-2		2.5		"	20	3.63	8.03	4.5	10.0	18" @ 0.33%
C-3		5.3		"	20	"	"	6.0	13.2	
C-4		1.3		"	20	"	"	2.4	5.2	24" @ 0.33%
			8.2	0.5	25	3.32	7.36	13.6	30.2	24" @ 0.3
S-1		2.2		0.5	15	4.06	8.98	4.5	9.9	
S-2		1.9		"	20	3.63	8.03	3.4	7.6	21" @ 0.3%
S-3		1.2		"	20	"	"	1.3	2.8	
			4.8		25	3.32	7.36	8.0	17.7	21" @ 0.3%
										30" @ 0.3%