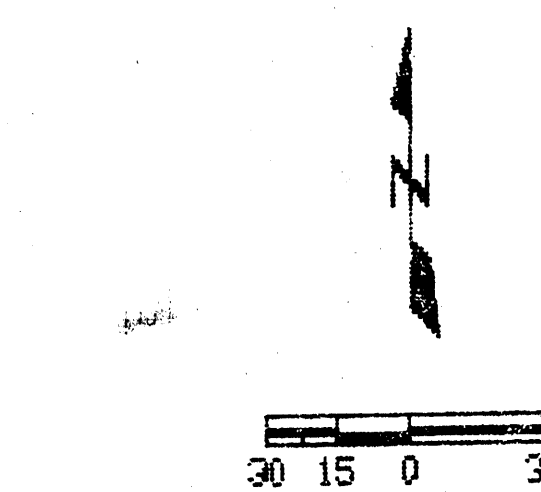


BONANZA ADDITION DRAINAGE PLAN



- ← = DIRECTIONAL FLOW
(MIN. 0.32% GRADE)
- = STORM SEWER INLET
- * = ELIMINATE EXIST. FLUME

COMPOSITE C FACTOR

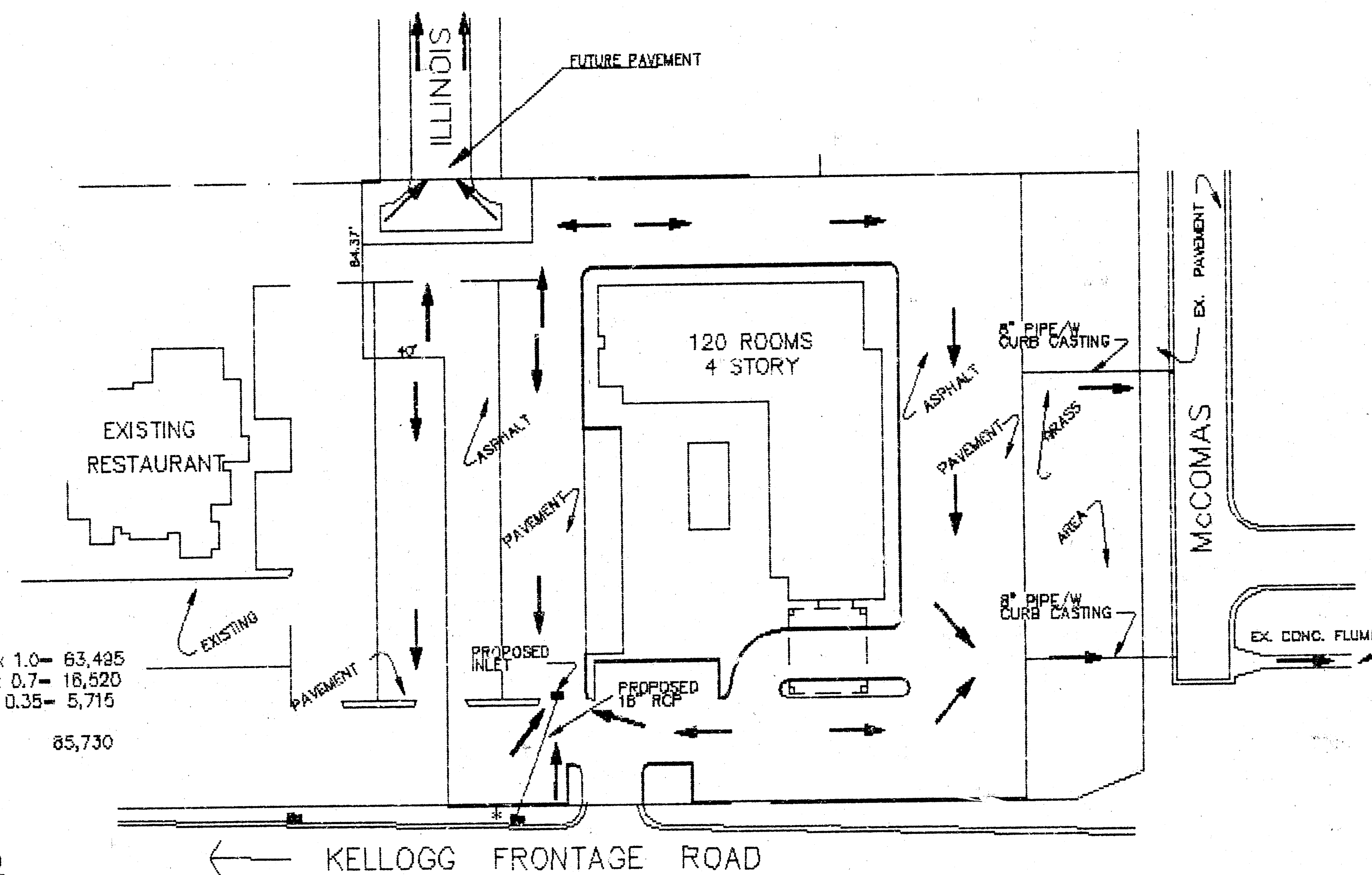
BEFORE DEVELOPMENT:
 ROOF & PAVEMENT 63,495 SQ. FT. x 1.0 = 63,495
 UNPAVED (GRAVEL/W. VEGETATION) 23,600 SQ. FT. x 0.7 = 16,520
 GRASS 18,325 SQ. FT. x 0.35 = 6,415
 TOTAL 103,420 65,730

$$65,730 / 103,420 = 0.63$$

AFTER DEVELOPMENT:
 ROOF & PAVEMENT 78,720 SQ. FT. x 1.0 = 78,720
 GRASS 24,700 SQ. FT. x 0.35 = 8,645

TOTAL 103,420 85,730

$$85,730 / 103,420 = 0.84$$



REV. 1 12/16/64	RAP	WADSWORTH SPECIFIC DRAINAGE
BONANZA, INC.	WICHITA, KANSAS	
DRAINAGE PLAN	BONANZA, ADDITION	
WICHITA, KANSAS		
W. W. WASTE & ASSOCIATES		
5323 - D - 50,000		
SHEET NO 1 OF 1		