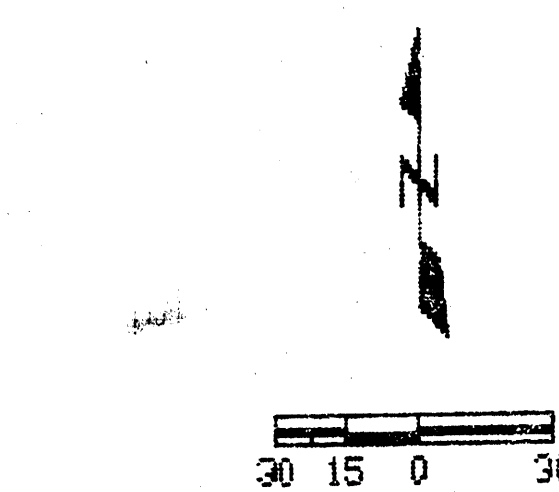


BONANZA ADDITION DRAINAGE PLAN



← = DIRECTIONAL FLOW
(MIN. 0.32% GRADE)

■ = STORM SEWER INLET

* = ELIMINATE EXIST. FLUME

COMPOSITE C FACTOR

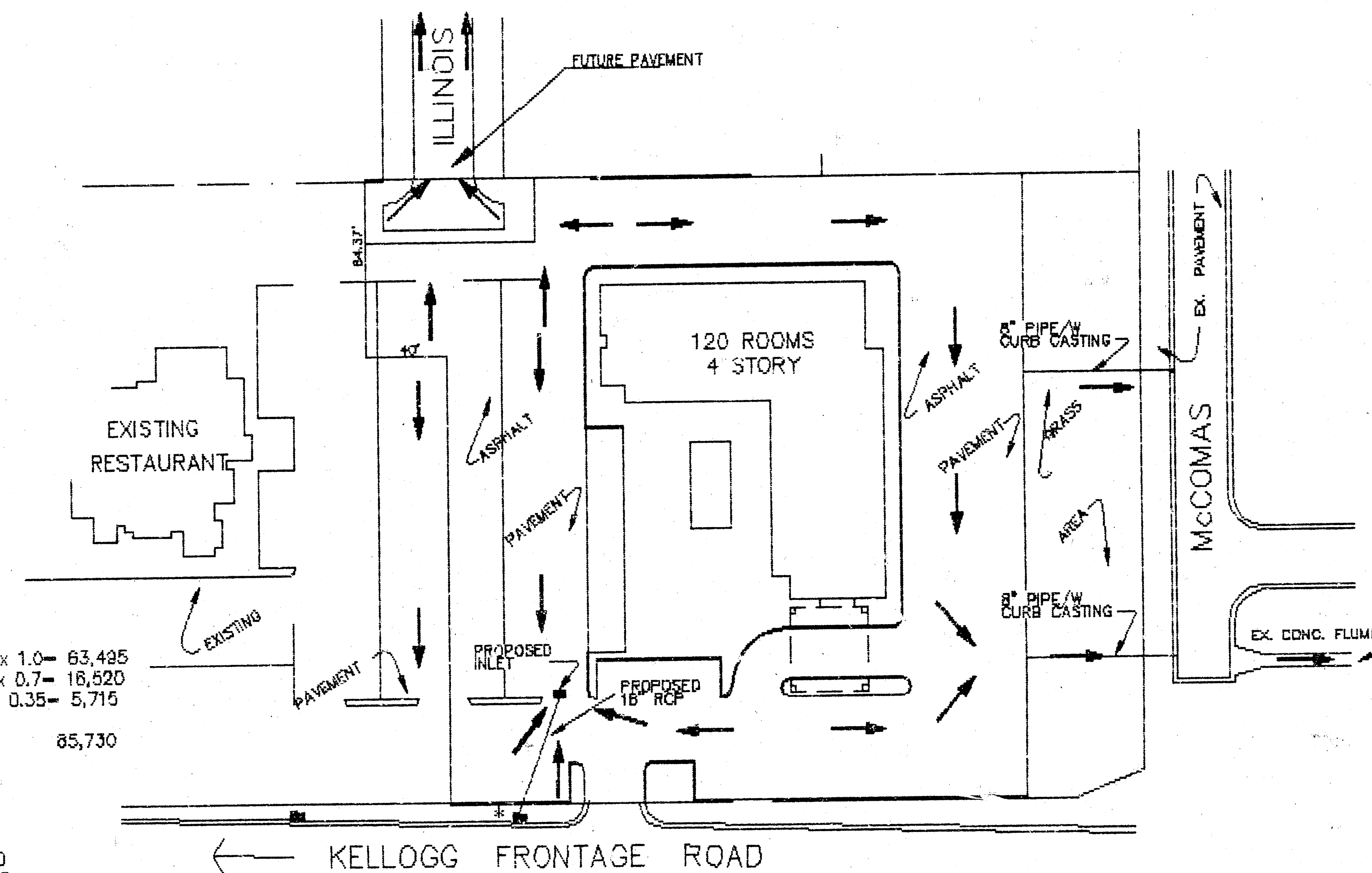
BEFORE DEVELOPMENT:
ROOF & PAVEMENT 63,495 SQ. FT. x 1.0 = 63,495
UNPAVED (GRAVEL/W. VEGETATION) 23,600 SQ. FT. x 0.7 = 16,520
GRASS 18,325 SQ. FT. x 0.35 = 6,415
TOTAL 103,420 65,730

$65,730 / 103,420 = 0.63$

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