



AREA # 1  
 24" at 2.1% slope  
 Q<sub>100</sub> = 12.1 cfs  
 V<sub>avg</sub> = 1.5 ft/sec  
 FL (IN) = 196.0 ft  
 FL (OUT) = 194.0 ft  
 L = 100 ft

S.S. = L  
 15" at 2.1% slope  
 Q<sub>100</sub> = 9.2 cfs  
 V<sub>avg</sub> = 7.6 ft/sec  
 FL (IN) = 193  
 FL (OUT) = 170  
 L = 110 ft  
 1" man grating

S.S. = 2  
 24" at 1.33% slope  
 Q<sub>100</sub> = 16 cfs  
 V<sub>avg</sub> = 6.5 ft/sec  
 FL (IN) = 19.0  
 FL (OUT) = 17.0  
 L = 195 ft

NORTH  
 1" = 50'

NOTE  
 B.M. STATE HIGHWAY B.M. # 9 E.L. 1324.6  
 S.T.L. F.D. POST 696 4 LT. OF 1-235  
 C.T.A. 156+94.88

See letter to Planning  
 dated May 23, 1979

DRAINAGE PLAN

MALLARD COVE

ADD. LOCATION TO S.W. 1/4 SEC. 10, T. 10N., R. 10E., S. 47E., CO. 10, KAN.

B.M. SEE NOTE

DESS & GOODNESS ENGINEERS  
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