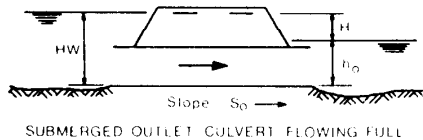
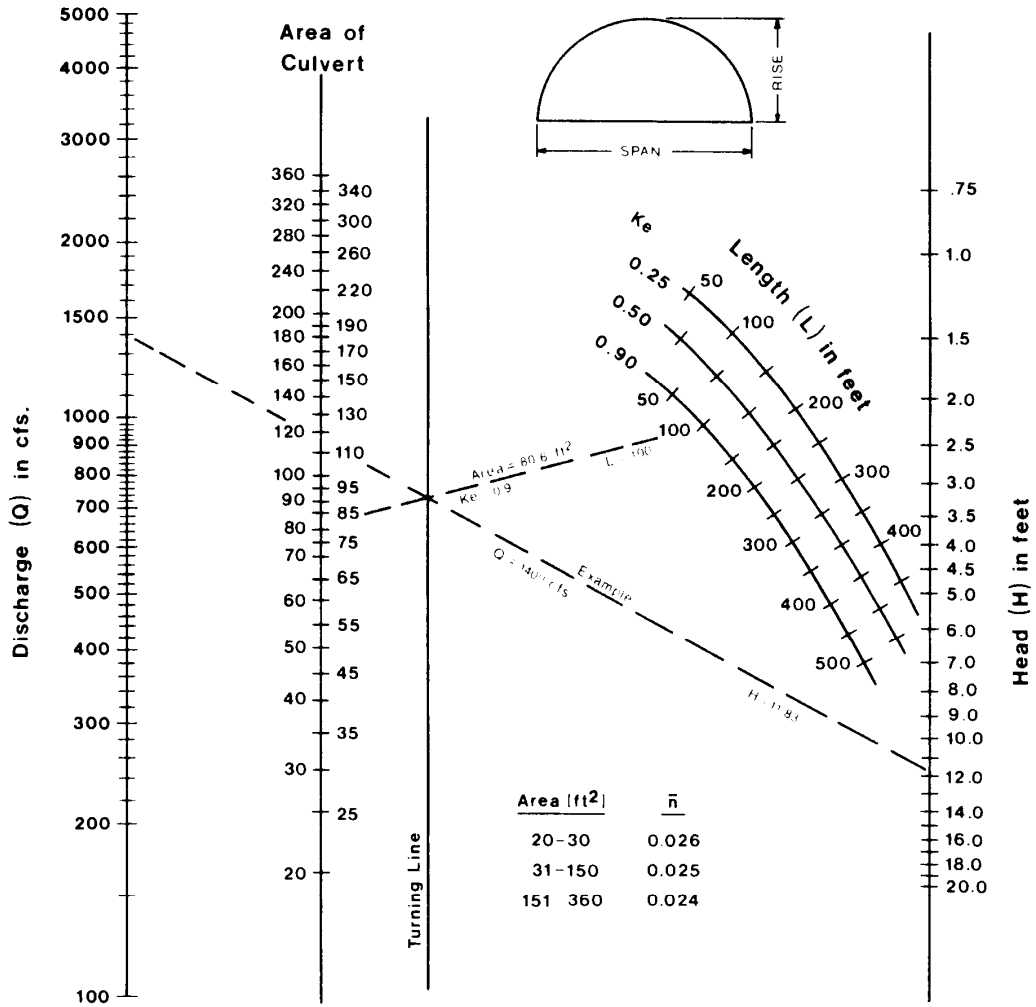


Appendix 8C-47 Outlet Control, Corrugated Metal Arch,  
Concrete Bottom,  
 $0.5 \leq \text{Rise/Span}$

CHART 47



**HEAD FOR  
C.M. ARCH CULVERTS  
FLOWING FULL  
CONCRETE BOTTOM  
 $0.5 \leq \text{RISE / SPAN}$**

Nomographs adapted from material furnished by  
Kaiser Aluminum and Chemical Corporation

Duplication of this nomograph may distort scale

Source: HDS-5