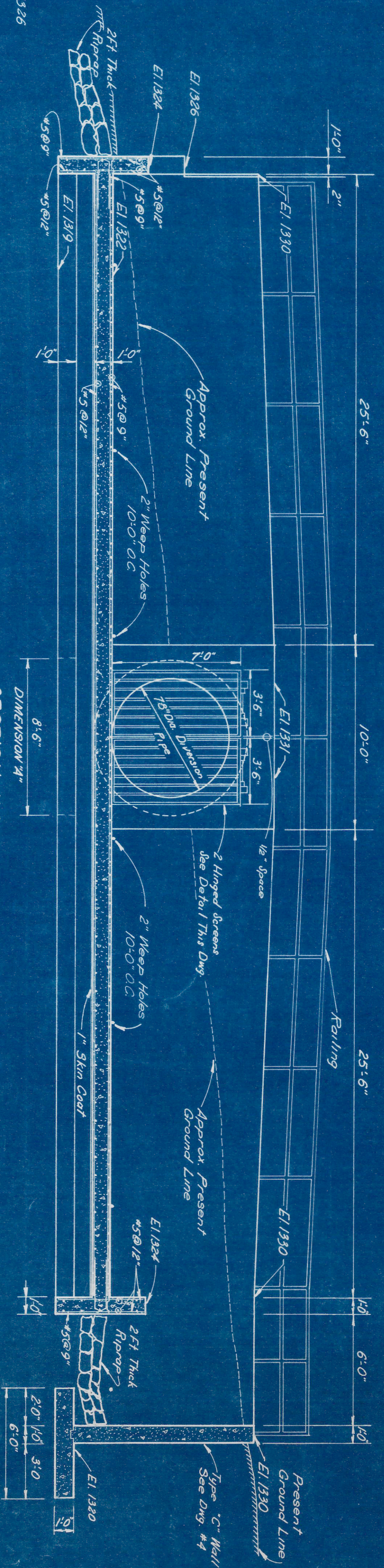
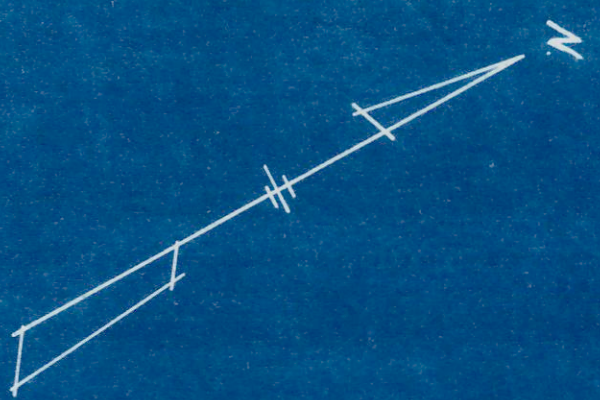
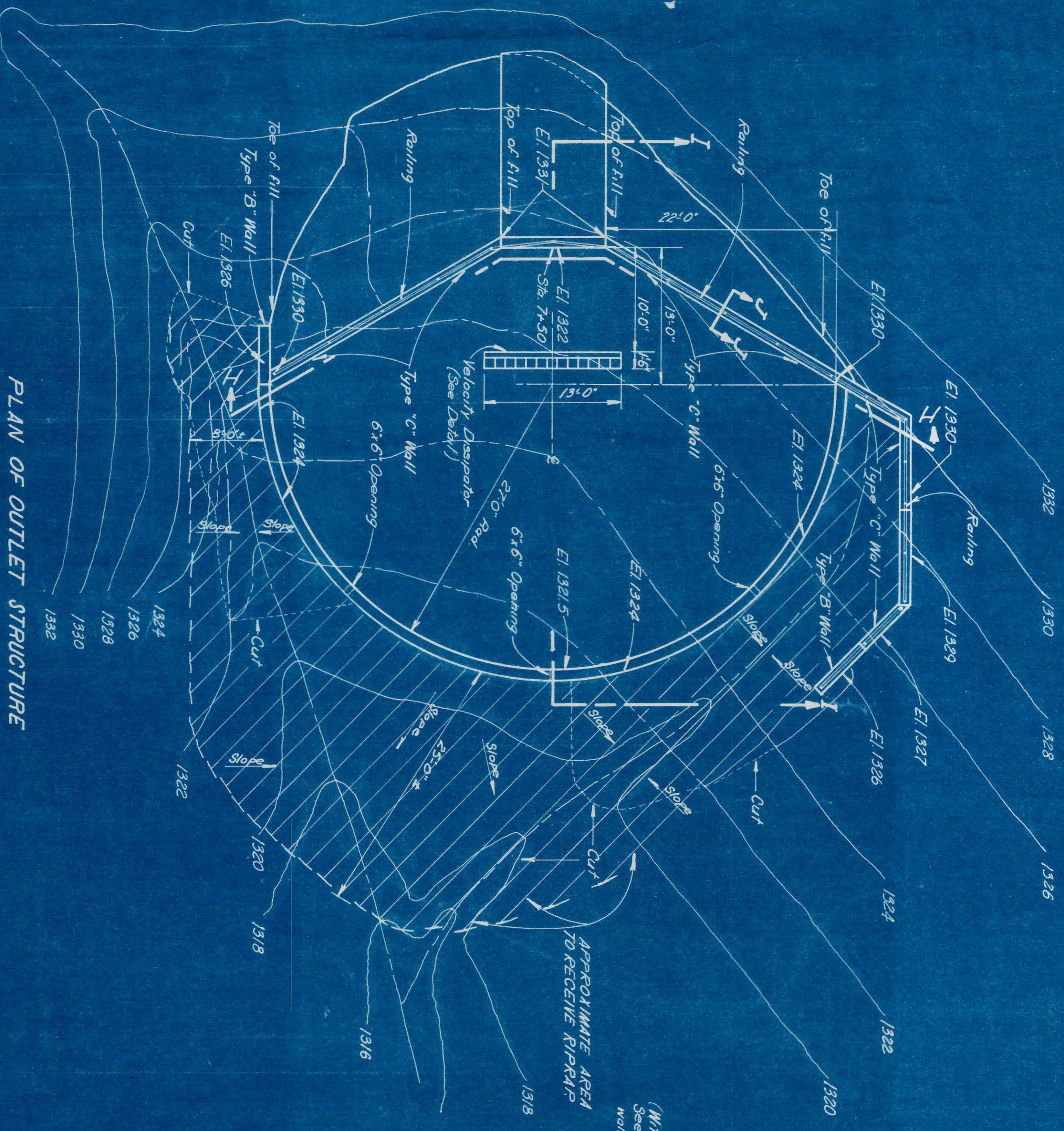
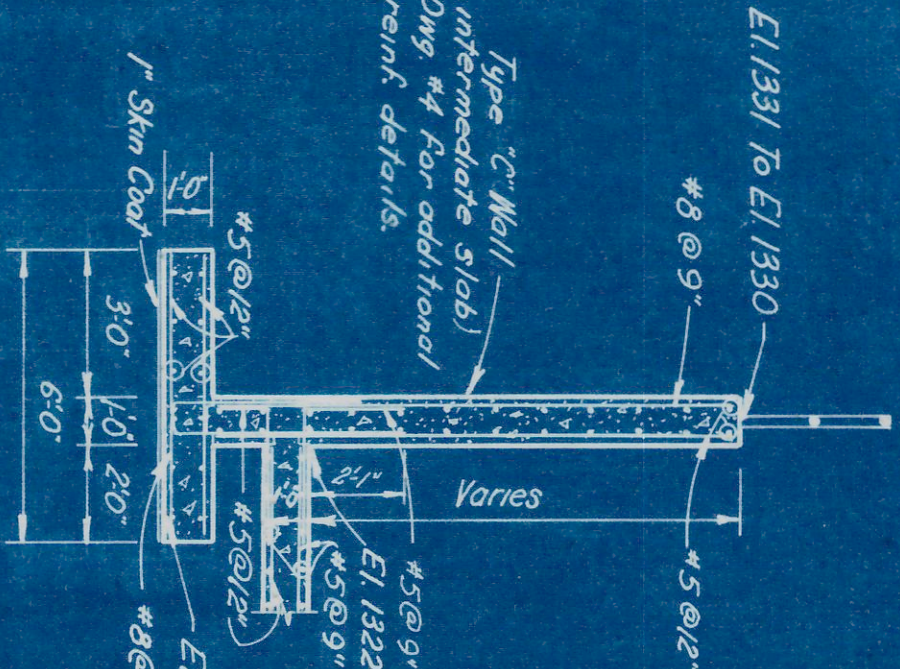




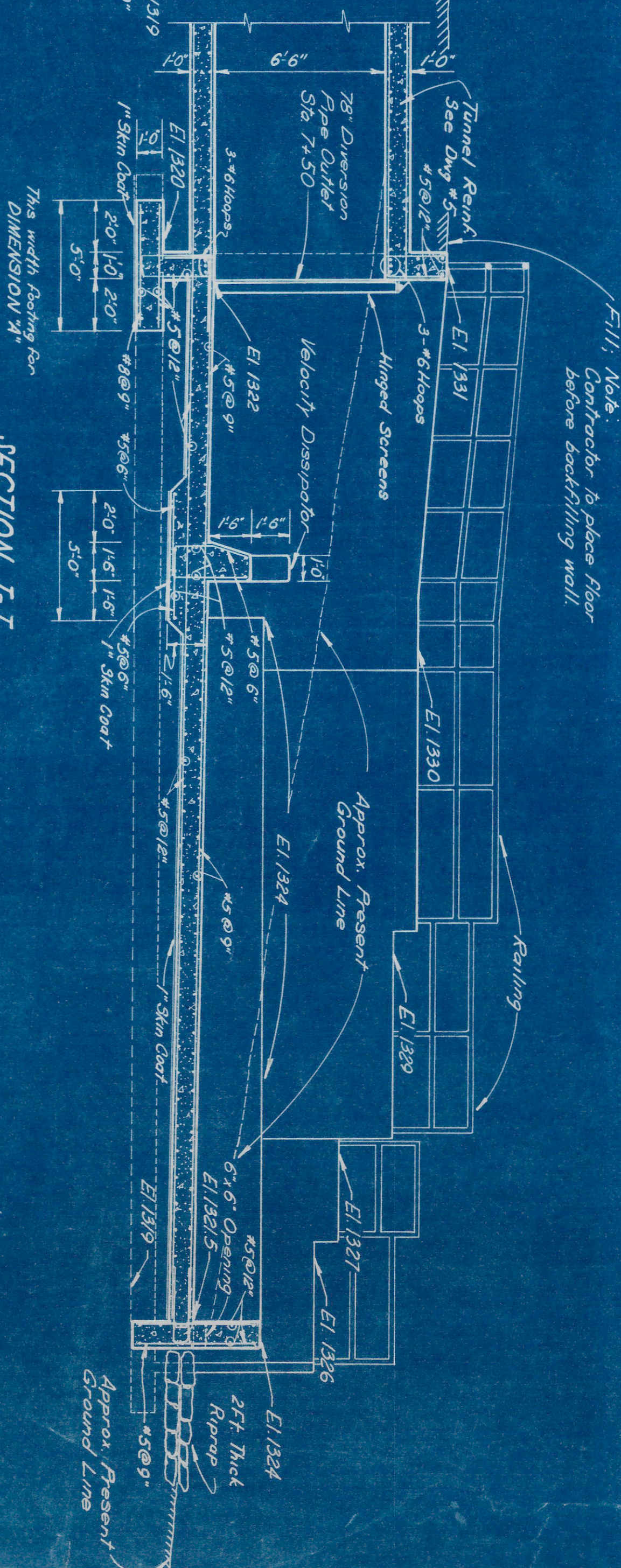
SECTION H-H
Scale: 1/4" = 1'-0"



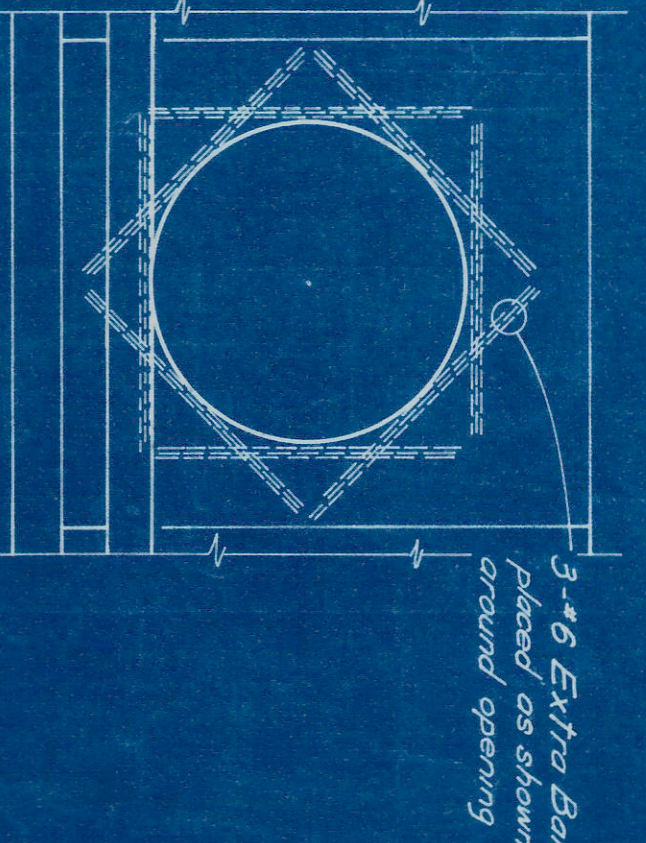
PLAN OF OUTLET STRUCTURE
Scale: 1/8" = 1'-0"



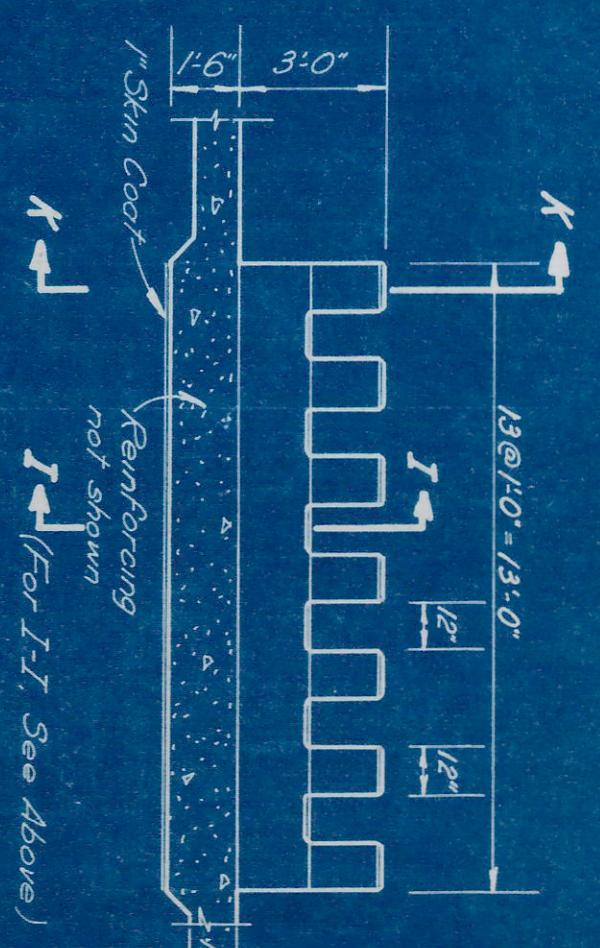
SECTION J-J
Scale: 1/4" = 1'-0"



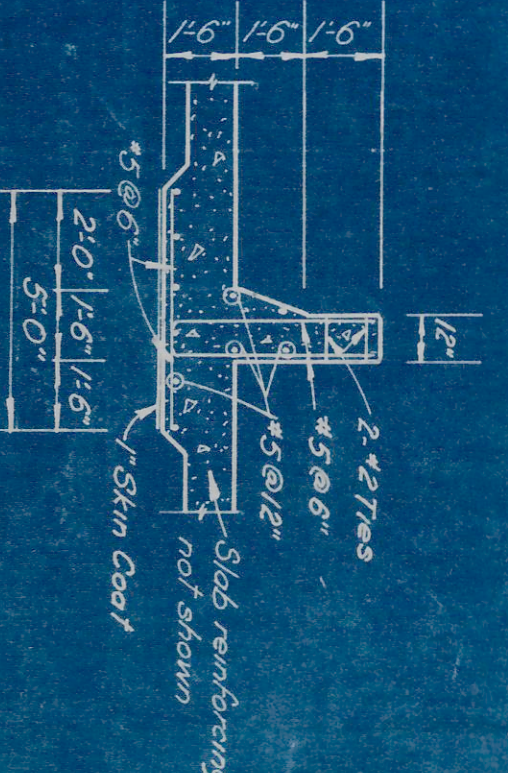
SECTION I-I
Scale: 1/4" = 1'-0"



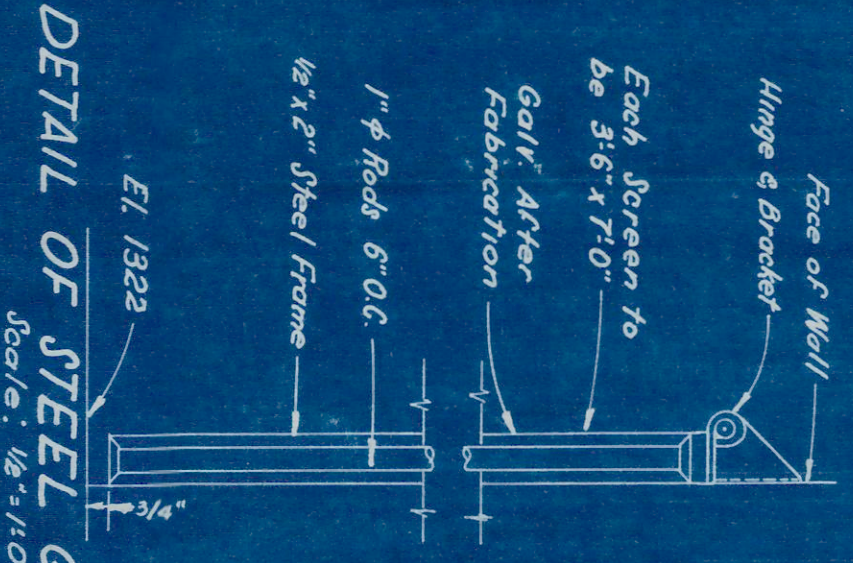
EXTRA REINFORCING
AT OPENING
1/6 Scale



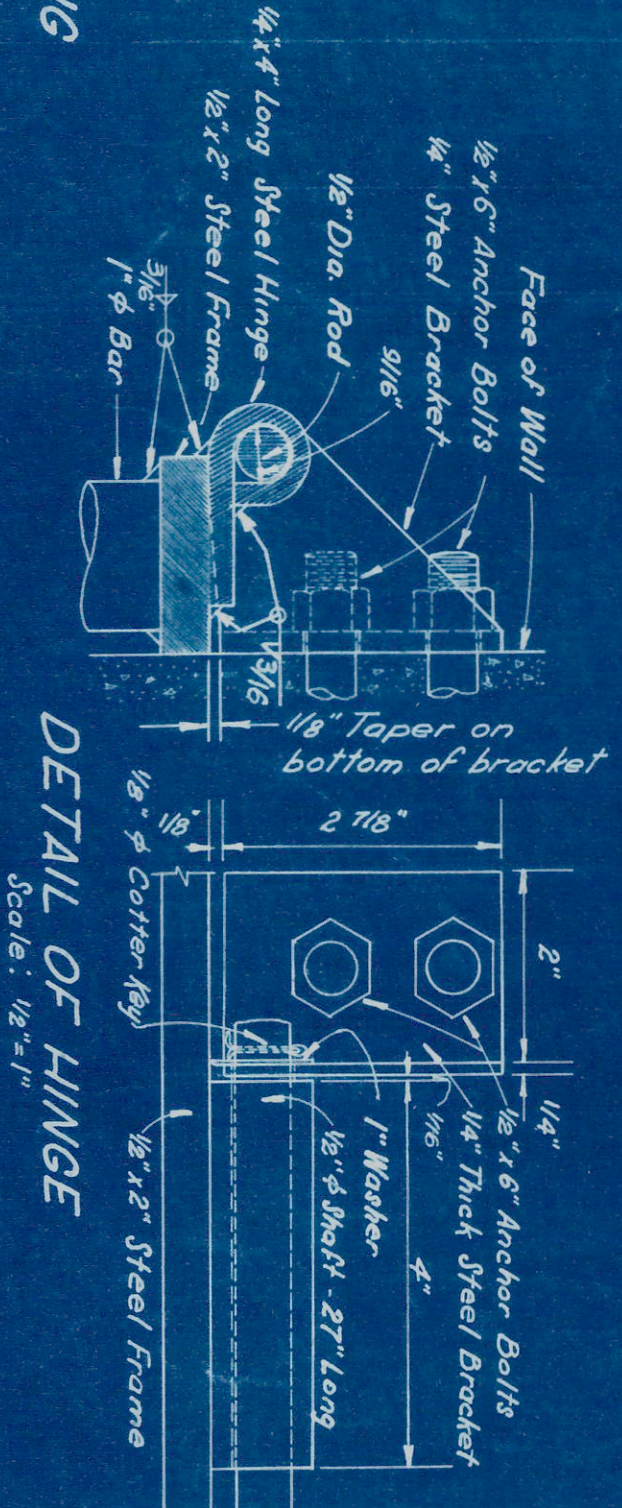
VELOCITY DISSIPATOR
DETAIL
Scale: 1/4" = 1'-0"



SECTION K-K
Scale: 1/4" = 1'-0"



DETAIL OF STEEL GRATING
Scale: 1/8" = 1'-0"



DETAIL OF HINGE
Scale: 1/8" = 1'-0"



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CATAMBA CREEK
DIVERSION PROJECT
OUTLET STRUCTURE
PLAN & DETAILS
CITY OF ROANOKE WATER DEPT.
ROANOKE, VIRGINIA
ALVORD BURDICK & HOWSON
ENGINEERS
1970