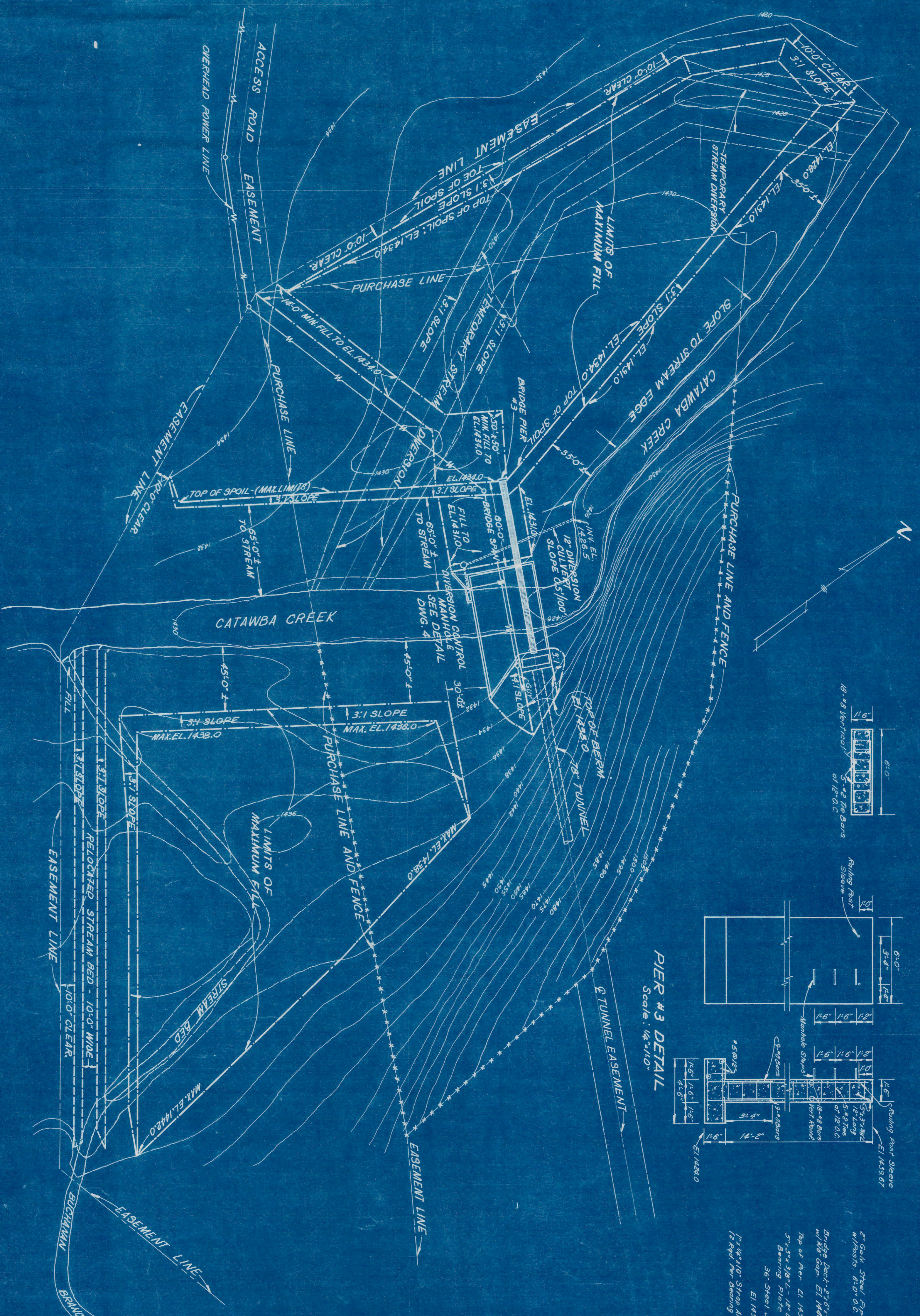
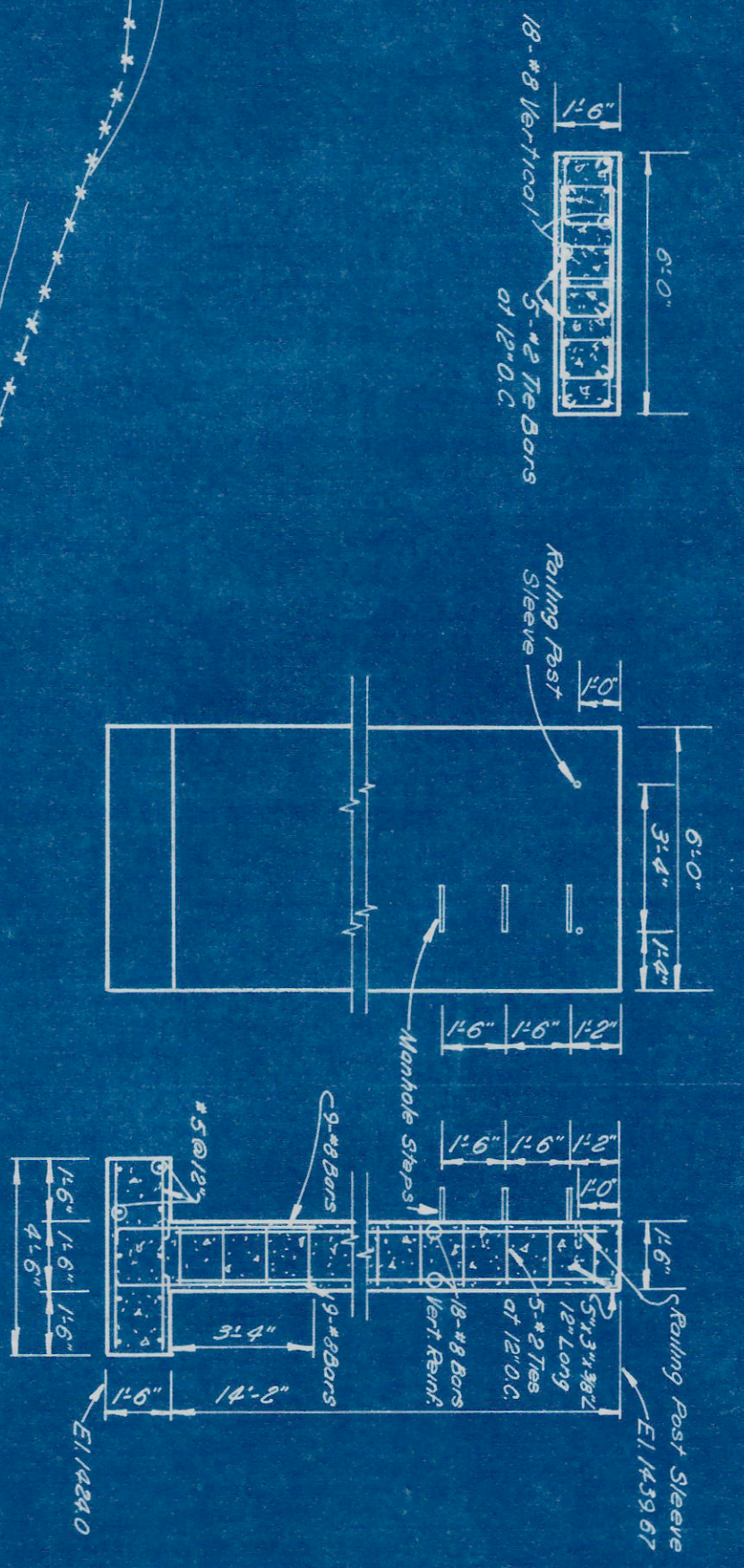


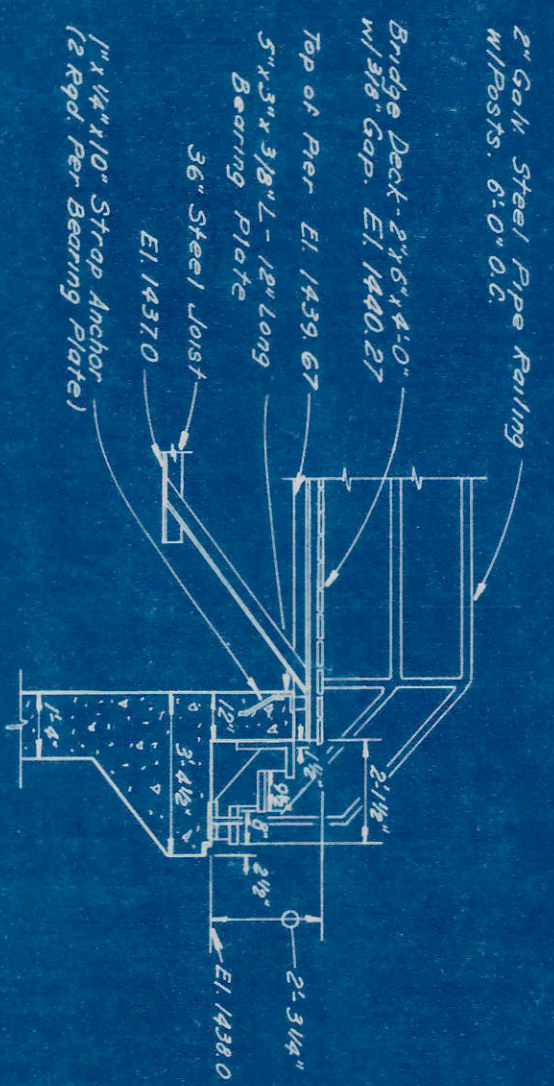


STREAM DIVERSION AND TUNNEL SPOIL FILL AREA PLAN
SCALE: 1"=40'

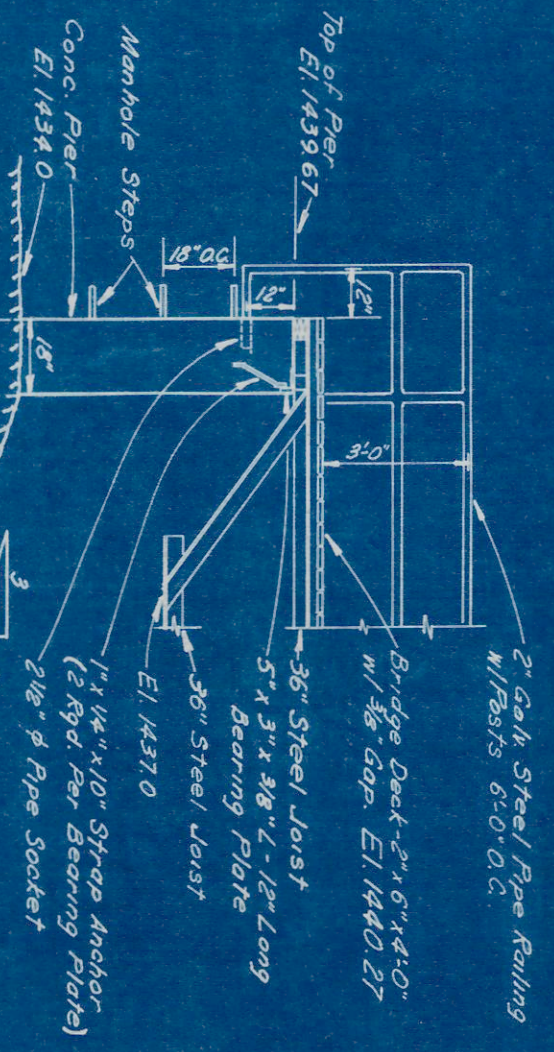
PIER #3 DETAIL
Scale: 1/4"=1'0"



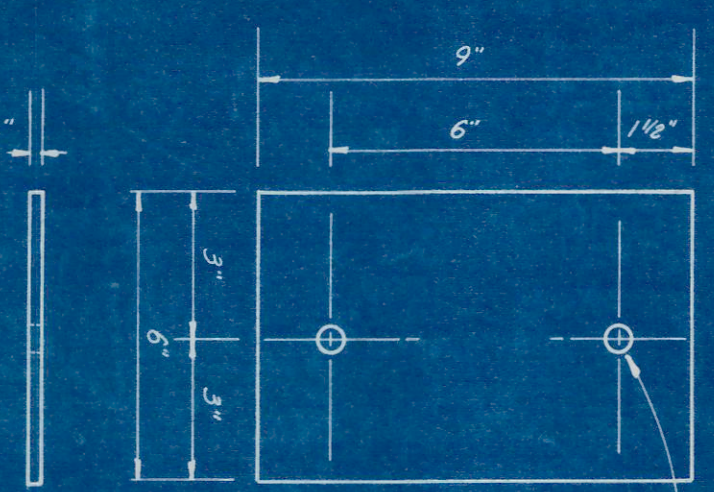
DETAIL PIER #1
Scale: 1/4"=1'0"



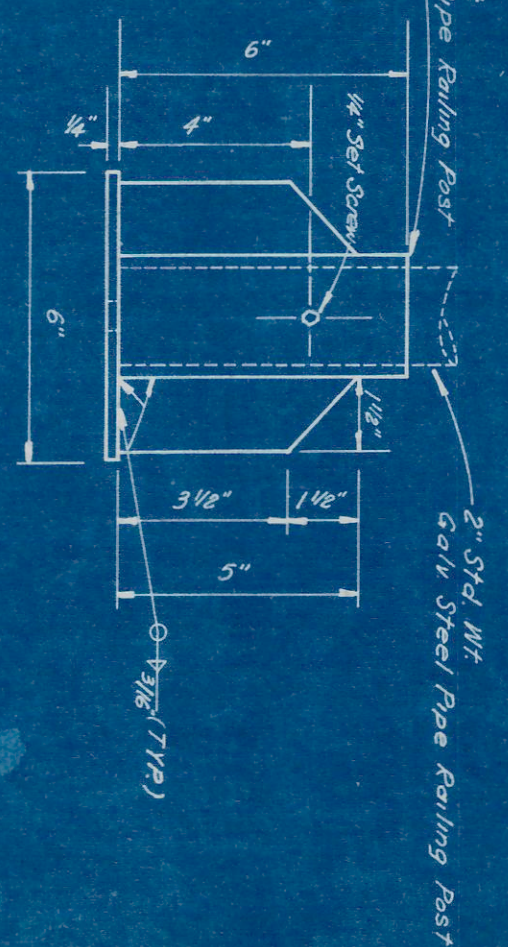
DETAIL PIER #3
Scale: 1/4"=1'0"



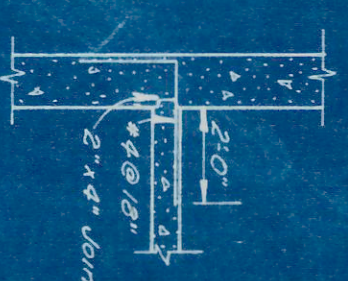
1/4" STRINGER TIE PLATE
(USE WHERE NO POST IS REQUIRED)
Scale: 1/4"=1'0"



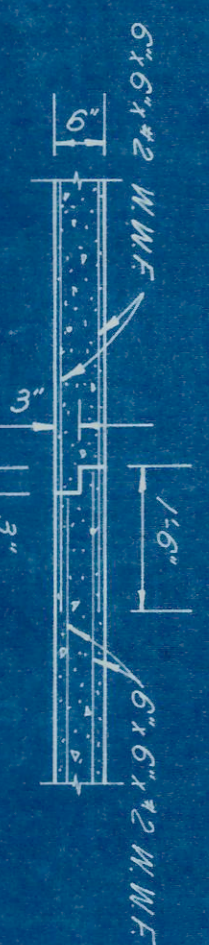
1/4" STRINGER TIE PLATE WITH RAILING SLEEVE
Scale: 1/4"=1'0"



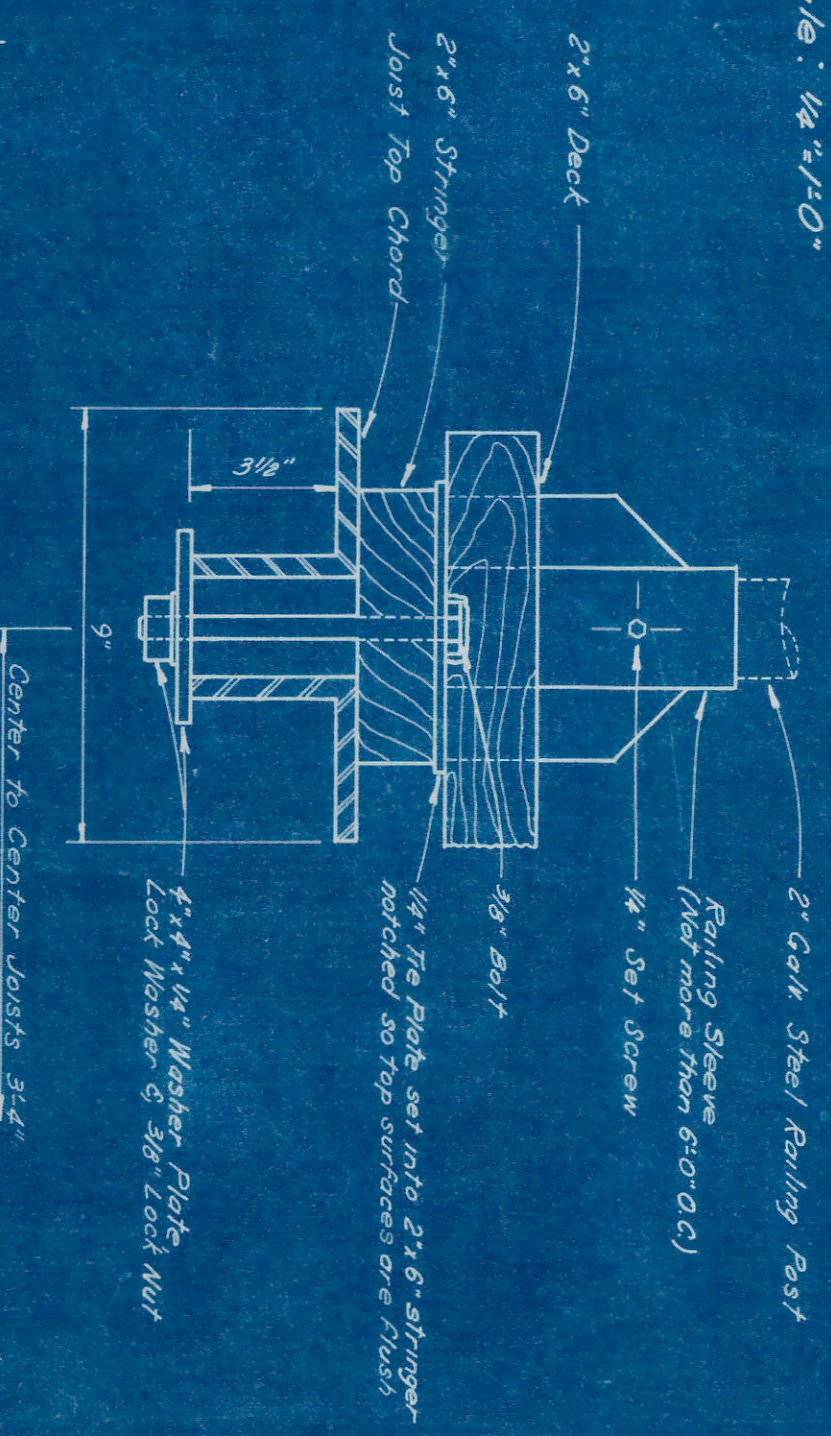
TYPICAL WALL & 6" SLAB JOINT
Scale: 1/4"=1'0"



DETAIL OF 6" SLAB JOINT
Scale: 1/2"=1'0"



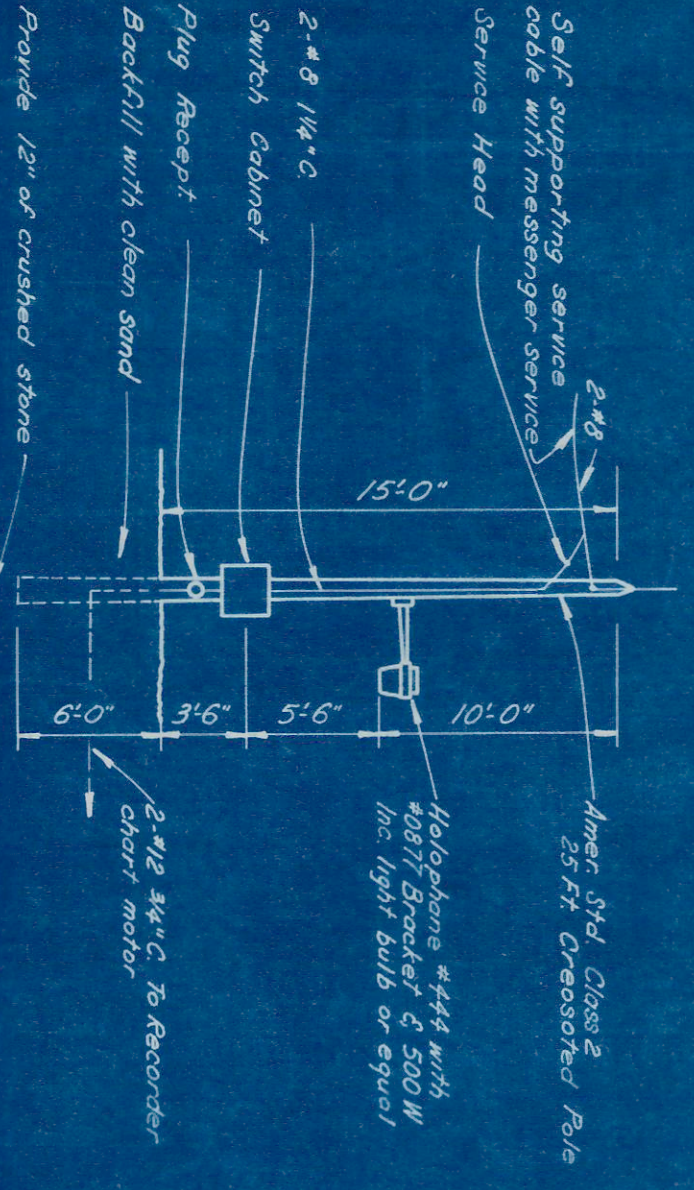
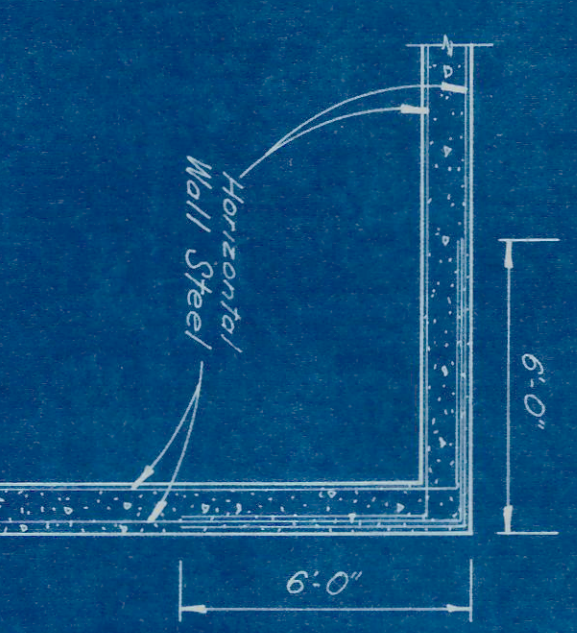
BRIDGE DECK ANCHORAGE DETAIL
Scale: 1/4"=1'0"



DETAIL OF VERTICAL CONSTRUCTION JOINT IN WALLS
Scale: 1/2"=1'0"

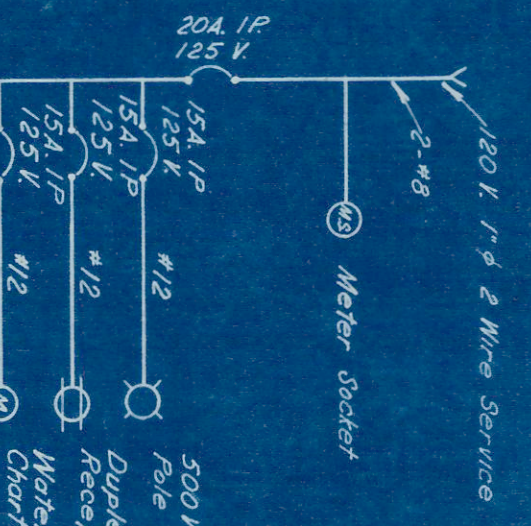


RETAINING WALL CORNER DETAIL
Scale: 1/4"=1'0"



TERMINAL POLE INSTALLATION
Scale: 1/8"=1'0"

WIRING DIAGRAM



3

CATAWBA CREEK
DIVERSION PROJECT
INTAKE STRUCTURE
& BRIDGE DETAILS
CITY OF ROANOKE WATER DEPT.
ROANOKE, VIRGINIA
ALFORD BURDICK & HANSON
ENGINEERS
1970