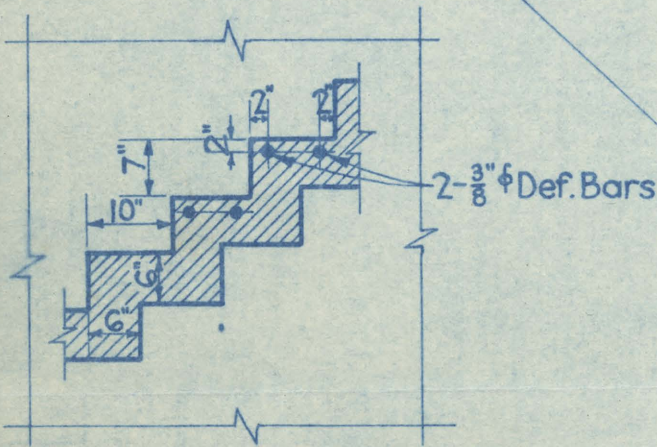


PLAN OF DAM  
 SHOWING ARRANGEMENT OF CONTRACTION JOINTS  
 Scale: 1" = 60'



SECTION A-A

DETAILS OF STEPS  
 Scale: 1/2" = 1'-0"

**BULL RUN STORAGE PROJECT**

CITY OF PORTLAND, OREGON  
 BUREAU OF WATER WORKS

**BULL RUN DAM  
 DETAILS OF CONSTRUCTION  
 & WORK JOINTS**

DATE: NOV. 2, 1926  
 DESIGNED BY D.C.H.  
 DRAWN BY K.J.D.  
 TRACED BY H.L.M.  
 CHECKED BY B.E.T.

*D.C. Torpe*  
 SUPT. DESIGN & CONST.  
*D. Henry*  
 CONSULTING ENGINEER  
*Burdman*  
 CHIEF ENGINEER

SCALE: AS SHOWN  
 DRAWING NO.  
**16-W-10**