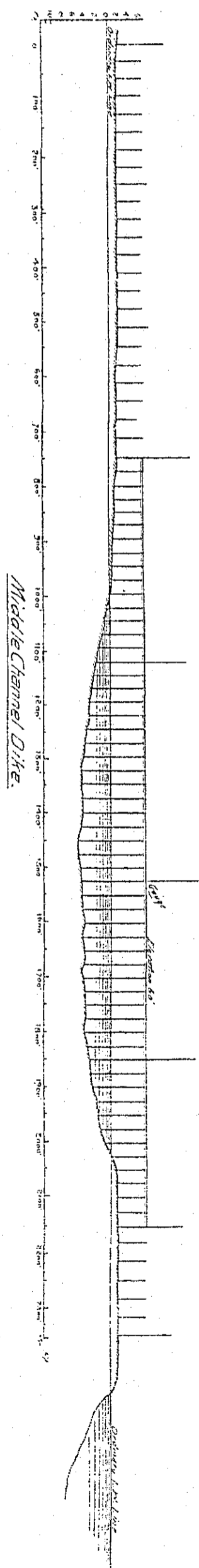
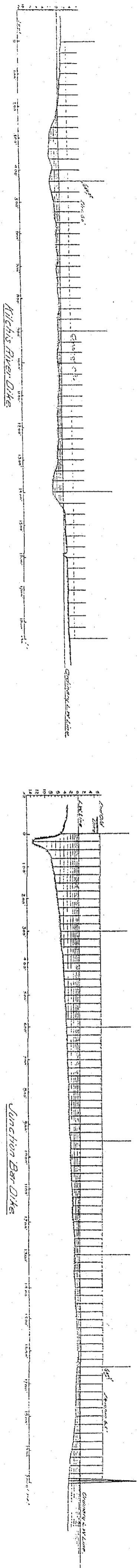
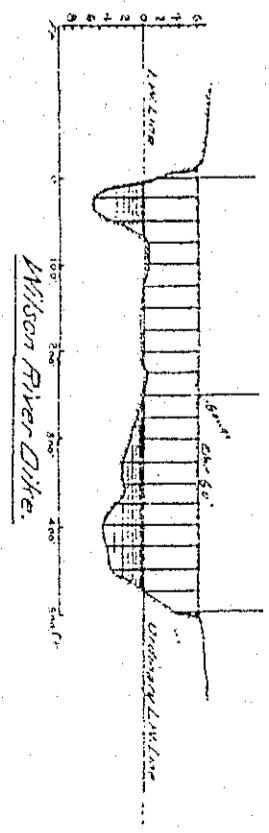
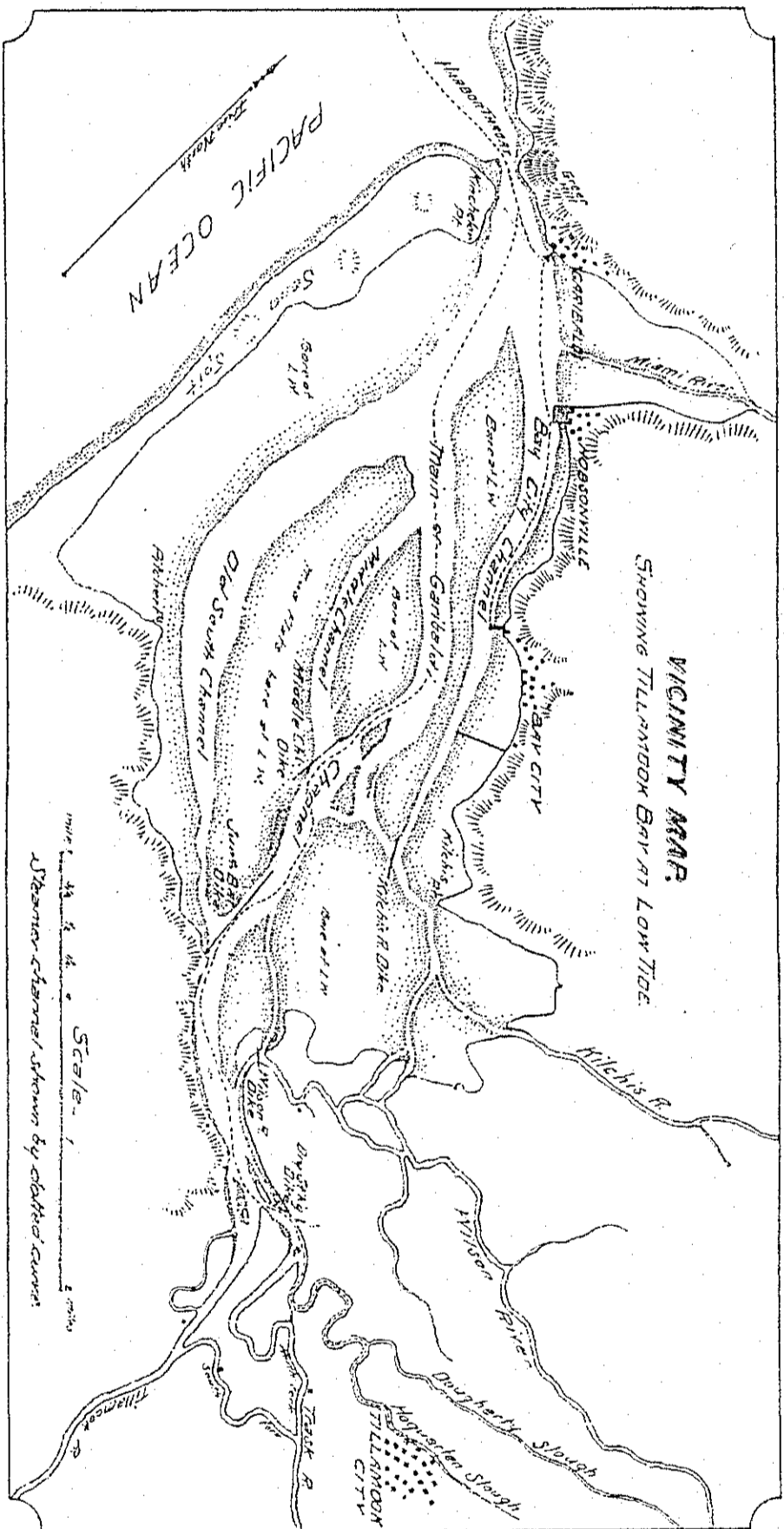


PROFILES OF DINES.
 Constructed during the season of 1896
 at Tillamook Bay, Oregon.



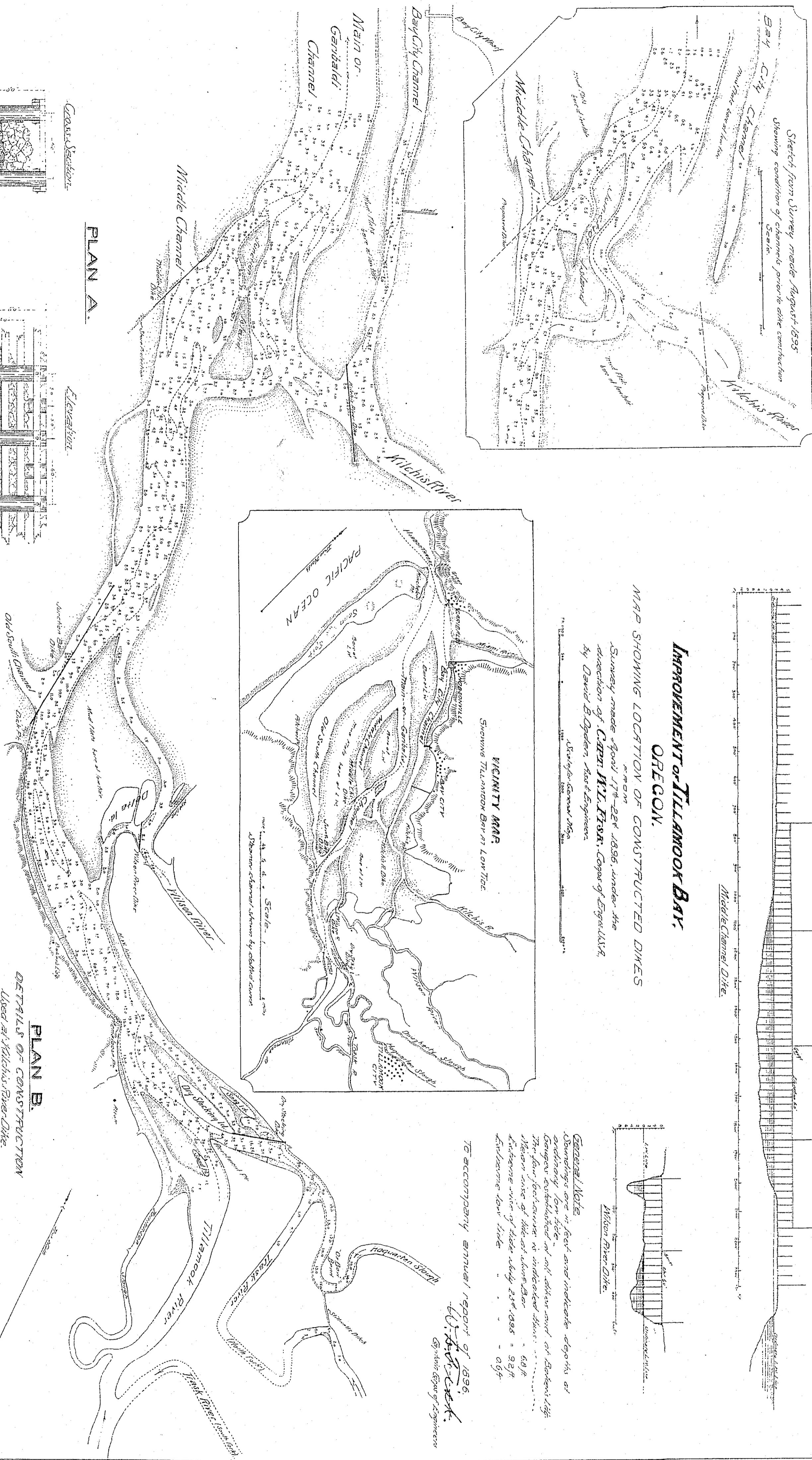
IMPROVEMENT OF TILLAMOOK BAY,
OREGON.

MAP SHOWING LOCATION OF CONSTRUCTED DINES
 SURVEY MADE 17th-22d 1896, UNDER THE
 DIRECTION OF CAPTAIN W. L. FISHER, CORP. OF ENGINEERS,
 BY DAVID B. OGDEN, ASSISTANT ENGINEER.

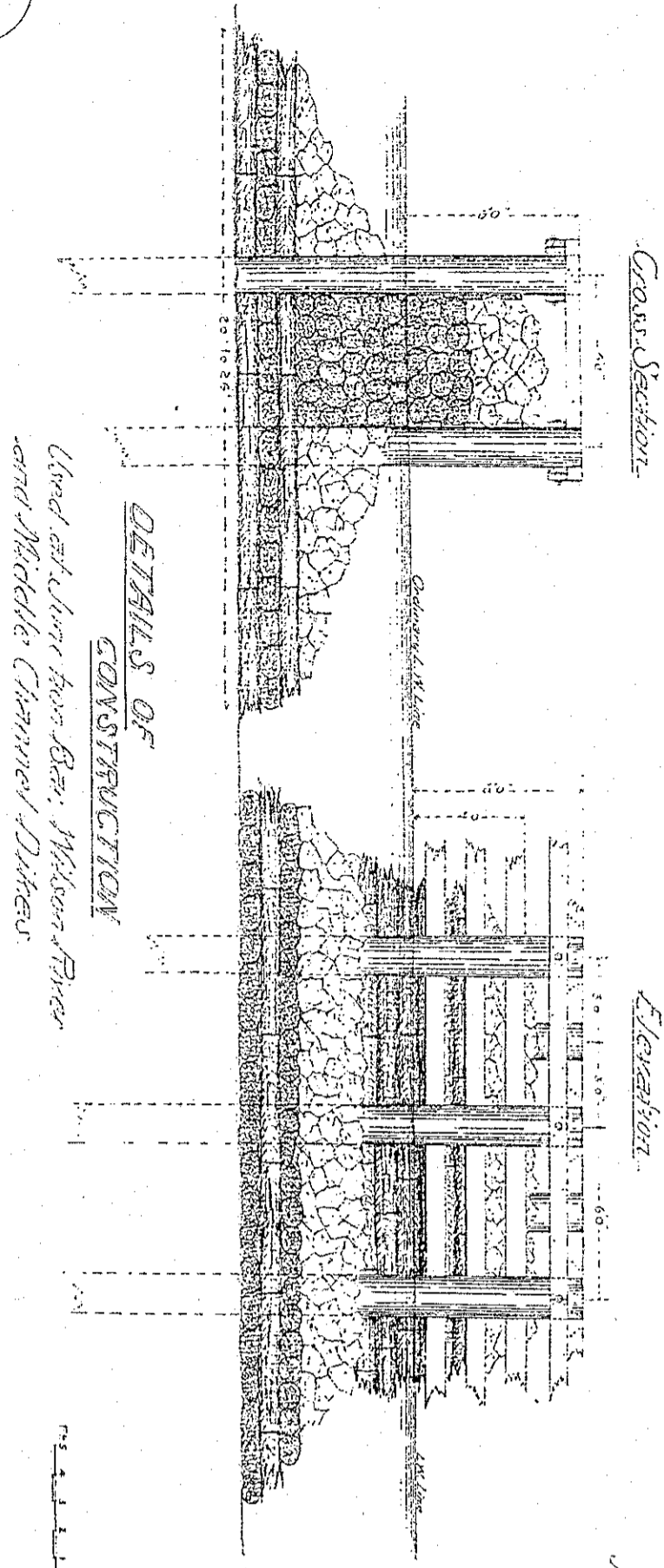


GENERAL NOTE
 Boundaries are in feet and indicate depths of
 ordinary low tide.
 Ganges established at all other and at bottom of
 the four feet curve is indicated thus: 60 ft
 Mean rise of tide at low water 60 ft
 Extreme rise of tide July 25th 1895 = 92 ft
 Extreme low tide = 0 ft

To accompany annual report of 1896.
 W. L. FISHER,
 Captain Corps of Engineers

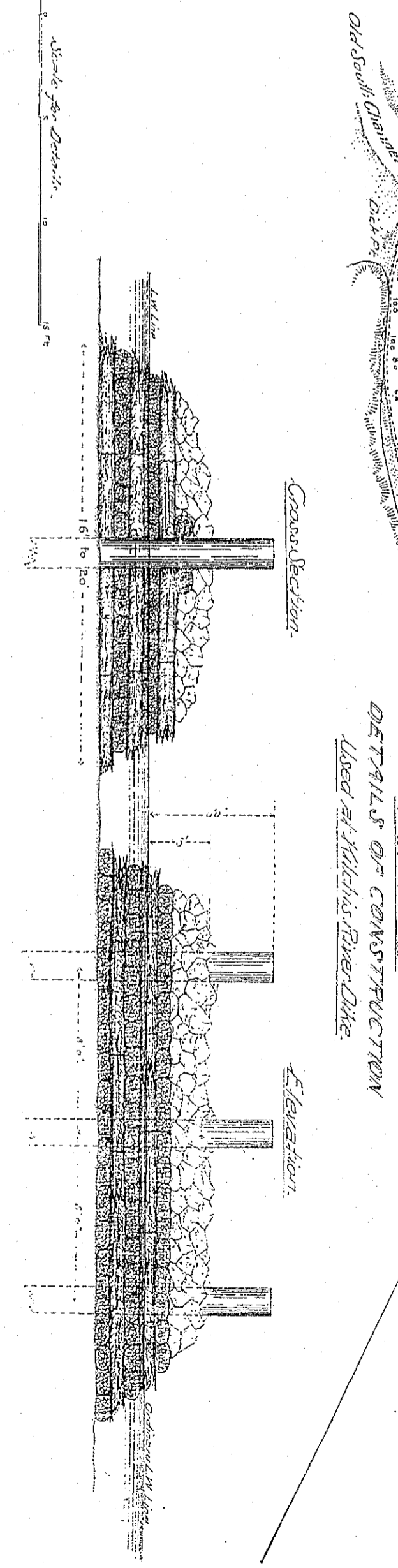


PLAN A.



DETAILS OF CONSTRUCTION
 Used at low bar Bay, Wilson River
 and Middle Channel Dikes

PLAN B.



DETAILS OF CONSTRUCTION
 Used at Nichols River Dike