

DEPARTMENT OF THE ARMY
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Manual
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Engineering and Design
GENERAL PRINCIPLES OF PUMPING STATION DESIGN AND LAYOUT

1. Purpose. This manual provides information and criteria pertinent to the design and layout of civil works flood control pumping stations. Elements discussed include various sump designs and discharge arrangements, station type and layout requirements, and environmental and power requirements.

2. Applicability. This manual applies to all HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities having civil works responsibilities.

FOR THE COMMANDER:



R. C. JOHNS
Colonel, Corps of Engineers
Chief of Staff

This manual combines and supersedes EM 1110-2-3101, dated 3 December 1962, and EM 1110-2-3102, dated 3 December 1962.