

DEPARTMENT OF THE ARMY
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CECW-ED

Engineer Manual
No. 1110-2-2503

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Engineering and Design
DESIGN OF SHEET PILE CELLULAR STRUCTURES
COFFERDAMS AND RETAINING STRUCTURES

1. Purpose. Provisions for the design of sheet pile cellular cofferdams are set forth in ER 1110-2-2901. This manual is intended to provide guidance for the design of these structures. Geotechnical considerations, analysis and design procedures, construction considerations, and instrumentation are discussed. Special emphasis is placed on all aspects of cellular cofferdams, such as planning, hydraulic considerations, and layout.

2. Appilcability. The provisions of this manual are applicable to all HQUSACE OCE elements and field operating activities having civil works responsibilities.

FOR THE COMMANDER:

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