

Part 536 – Structural Engineering

§IA536.78 State Standard Detail Drawings

F. Iowa Standard Drawings

- (1) Iowa standard drawings and standard details must be used to the maximum extent possible to facilitate the consistent and efficient production of construction plans.
- (2) The official version of all Iowa standard drawings and standard details must be posted on the Iowa NRCS website or other NRCS sponsored sources such as the eFOTG.
- (3) All standard drawings, whether used individually or as part of a set of plans, must be reviewed and approved as per §536.70-79. If a standard drawing or standard detail is changed from its original design, the approval to continue use of the altered drawing or detail as a standard must be obtained from the State Conservation Engineer.
- (4) Iowa standard drawings must be categorized by the practice grouping and four digit drawing number(s). Each standard drawing will have an individual drawing name, four digit number, and a revision or approval date. The drawing categories and associated number ranges are defined in Table 1 below:

Table 1. Iowa Standard Drawing Organizational Chart

Drawing Category / Practice Groupings	Contents	Number Range
General Drawings	Template drawings for cover page, title sheets, plan views, cross-sections, etc.	1000 – 1099
Dams, Ponds, and Other Water Detention Structures	All water detention structures and appurtenances	1100 – 1299
Wetlands	Wetland structures and practices	1300 – 1399
In-Channel Structures	Grade stabilization structures, channel crossings, stream bank stabilization structures, etc.	1400 – 1499
Erosion and Water Management Practices	Common erosion control practices (i.e.: terrace, grassed waterway, underground outlet, etc.)	1500 – 1599
Waste Management Structures	Manure storage structures and manure management structural practices	1600 – 1799
Other Livestock	Livestock related structures (i.e.: watering facilities, roof structures, pipelines, etc.)	1800 – 1899
Miscellaneous Drawings	Other drawings (i.e.: fence, irrigation, etc.)	1900 – 1999

- (5) Technical errors or deficiencies found on an Iowa standard drawing must be reported to the State Conservation Engineer immediately.
- (6) Requests for new standard drawings or the use of NRCS standard drawings from other states must be made to the State Conservation Engineer.