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Concrete Manure Storages Handbook,
MWPS-36
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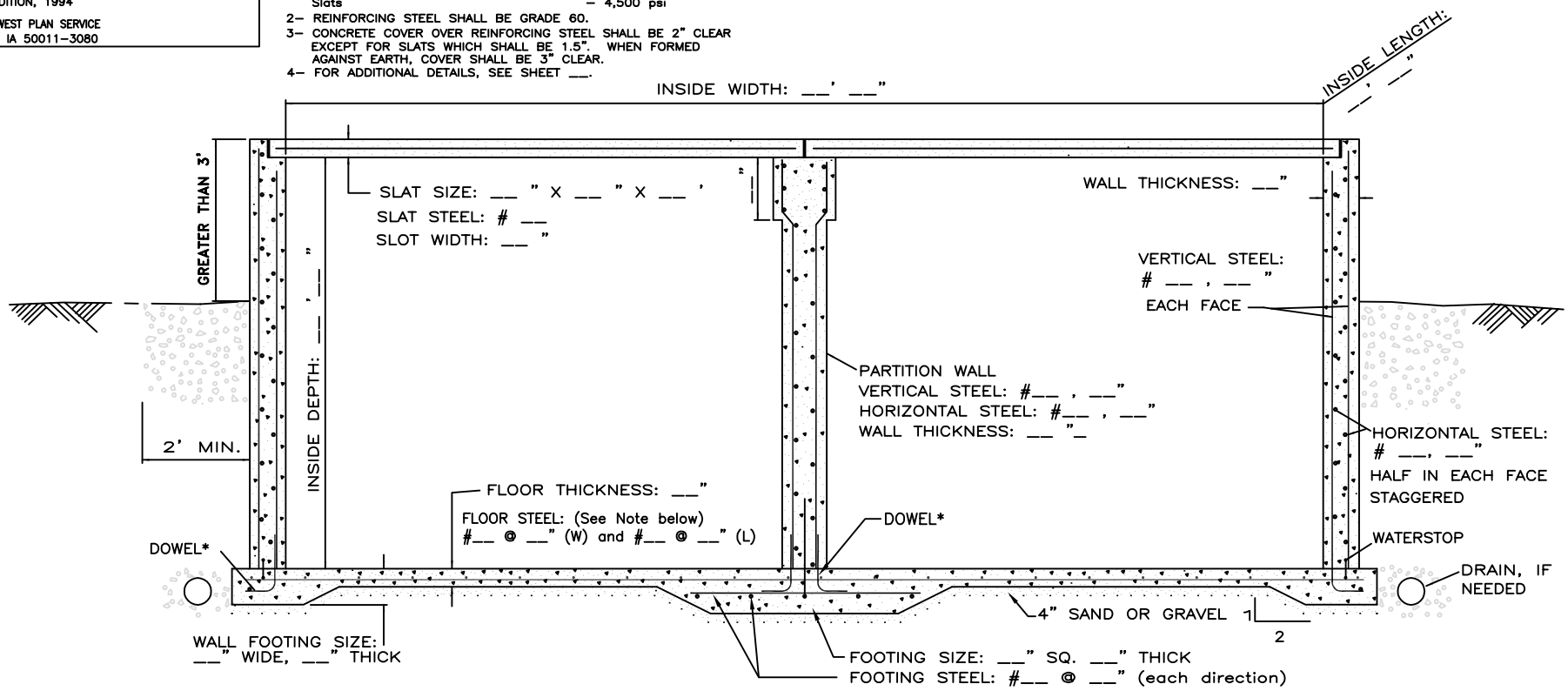
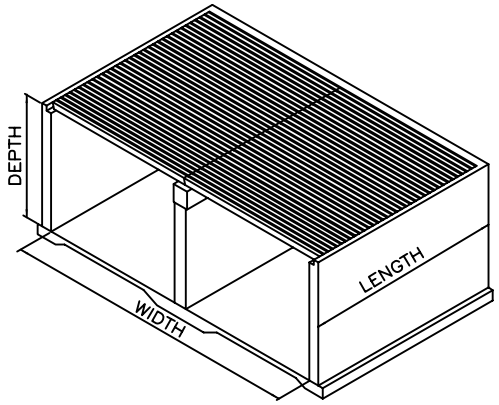
AMES, IA 50011-3080

NOTES:

1- CONCRETE COMPRESSIVE STRENGTH, f'c, SHALL BE:
Beams, Walls, Floors, Footings, Columns - 4,000 psi
Slats - 4,500 psi
2- REINFORCING STEEL SHALL BE GRADE 60.
3- CONCRETE COVER OVER REINFORCING STEEL SHALL BE 2" CLEAR EXCEPT FOR SLATS WHICH SHALL BE 1.5". WHEN FORMED AGAINST EARTH, COVER SHALL BE 3" CLEAR.
4- FOR ADDITIONAL DETAILS, SEE SHEET __.





* DOWELS (DEFORMED REINFORCING STEEL)

OPTION 1: EXTEND 12" OF VERTICAL STEEL INTO FOOTING.
EXTEND STEEL VERTICALLY INTO THE FOOTING WITHIN 3" OF FOOTING BOTTOM, THEN BEND 90°.

OPTION 2: USE A 24" LONG BAR, EQUIVALENT TO THE VERTICAL STEEL.
TIE 12" OF THE DOWEL TO THE VERTICAL STEEL.
EXTEND VERTICALLY INTO THE FOOTING WITHIN 3" OF FOOTING BOTTOM, THEN BEND 90°.

FLOOR THICKNESS AND STEEL:
THE FLOOR SLAB THICKNESS AND REINFORCING STEEL REQUIREMENTS SHALL BE AS SPECIFIED IN THE NRCS-OHIO CONSTRUCTION SPECIFICATION "CONCRETE".

NOT TO SCALE

STANDARD DRAWING NO.: OH-N-519-CAD
APPROVAL DATE: 7/25/00
REVISIONS:

Date
Designed
Drawn
Checked
Approved

RECTANGULAR TANK WITH SLATS, BEAMS AND PARTITION WALL AND GREATER THAN 3 FEET EXTENDED ABOVE GROUND

USDA NRCS
Natural Resources Conservation Service

File No. oh051900.dwg
Drawing No.
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Description: RECTANGULAR TANK W/SLATS, BEAMS & PARTITION WALL AND GREATER THAN 3 FEET EXTENDED ABOVE GROUND
Filename: OH051900.DWG
OHIO NRCS TRI-STATE DESIGN TEAM