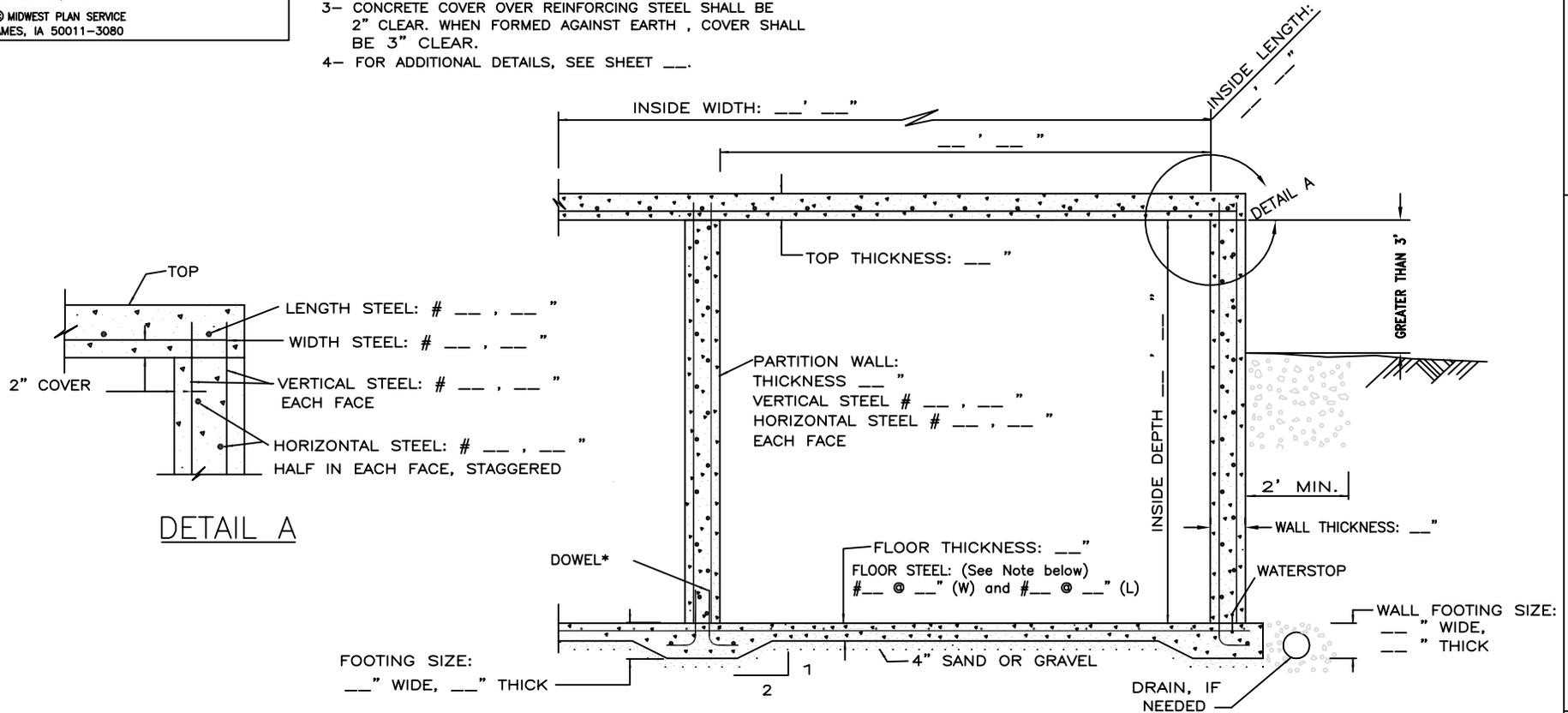


Description: RECTANGULAR TANK W/ CONCRETE TOP & PARTITION WALL W/ GREATER THAN 3' EXTENDED ABOVE GROUND

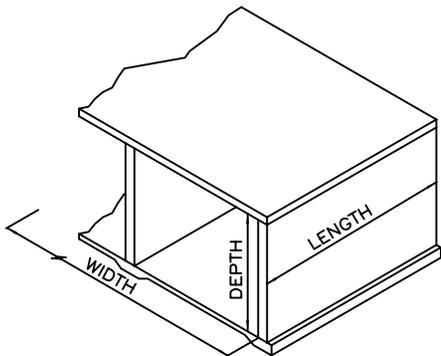
OHIO NRCS TRI-STATE DESIGN TEAM
Filename: OH052100.DWG

REPRODUCED WITH PERMISSION FROM:
Concrete Manure Storages Handbook,
MWPS-36
1st EDITION, 1994
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AMES, IA 50011-3080

- NOTES:
 1- CONCRETE COMPRESSIVE STRENGTH, f'_c , SHALL BE 4,000 PSI.
 2- REINFORCING STEEL SHALL BE GRADE 60.
 3- CONCRETE COVER OVER REINFORCING STEEL SHALL BE 2" CLEAR. WHEN FORMED AGAINST EARTH, COVER SHALL BE 3" CLEAR.
 4- FOR ADDITIONAL DETAILS, SEE SHEET ____.



DETAIL A



*** 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-521-CAD
 APPROVAL DATE: 7/25/00

REVISIONS:

Date	
Designed	
Drawn	
Checked	
Approved	

RECTANGULAR TANK WITH CONCRETE TOP AND PARTITION WALL
 WITH GREATER THAN 3 FEET EXTENDED ABOVE GROUND

USDA NRCS
 Natural Resources Conservation Service

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