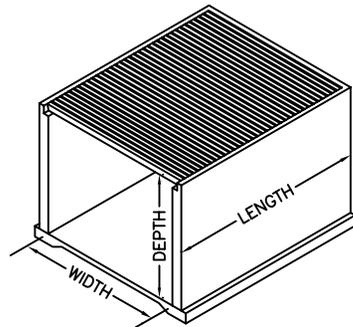
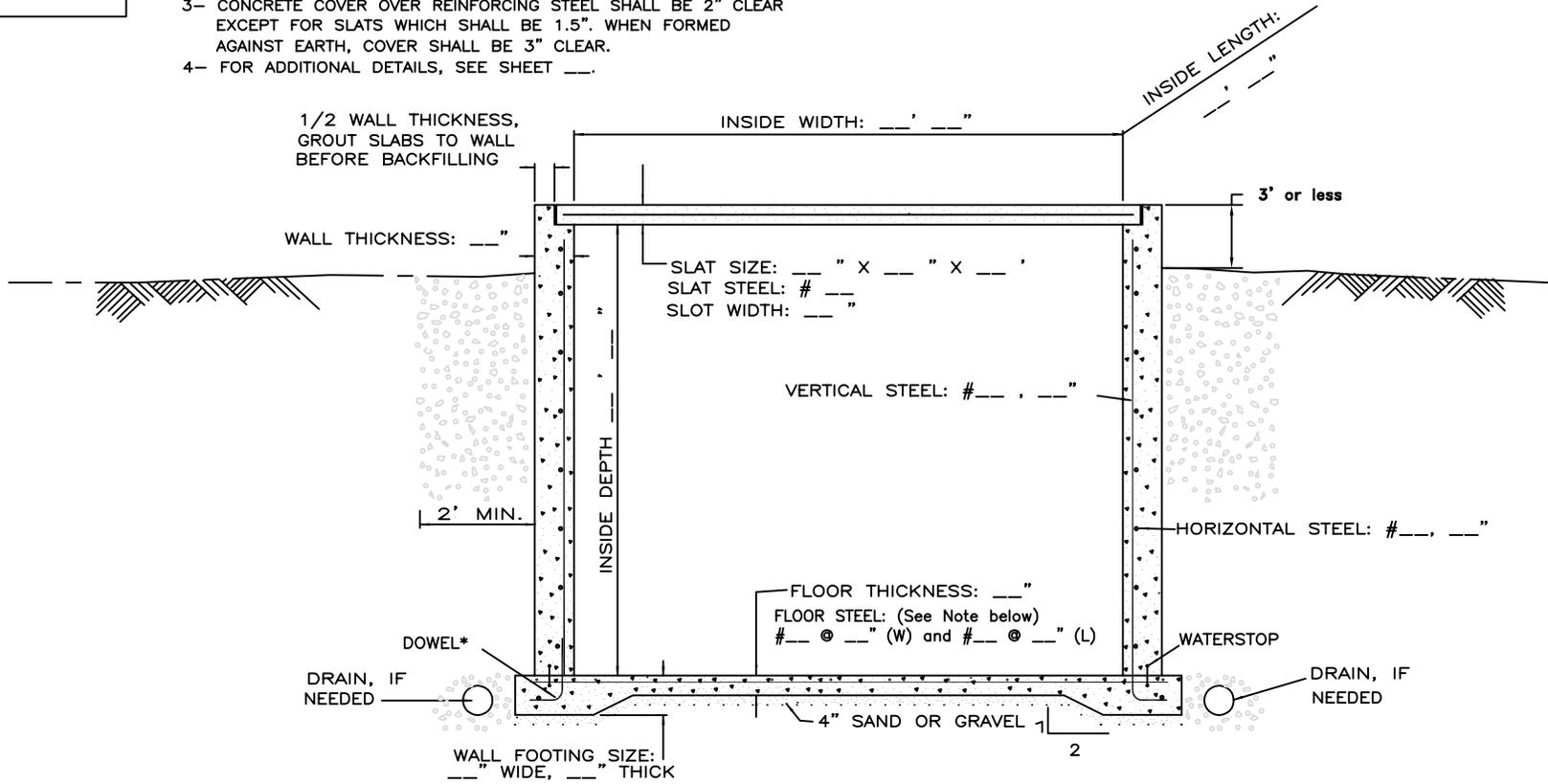


Description: RECTANGULAR TANK WITH SLATS

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

- NOTES:
- 1- CONCRETE COMPRESSIVE STRENGTH,  $f'_c$ , SHALL BE:  
 Beams, Walls, Floors, Footings— 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-510-CAD  
 APPROVAL DATE: 7/25/00

REVISIONS:

Date	_____
Designed	_____
Drawn	_____
Checked	_____
Approved	_____

RECTANGULAR TANK WITH SLATS



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OHIO NRCS TRI-STATE DESIGN TEAM  
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