CONDITIONS OF USE
10,000 LB. AXLE LOAD
@ 4 FT. WHEEL SPACING

NOTE:
PROVIDE SAFETY BAR ACROSS END OF SLAB

SUPPORT WALL

2' MIN NATURAL GROUND OR COMPACTED FILL

WALL BACKFILL

2" CLEAR 11 3" CLEAR 4 @ 12"

10'-4"

6'

2" CLEAR

11-4 @ 12" 2"

STRUCTURAL SLAB SECTION

STEEL SCHEDULE (GRADE 60)

<table>
<thead>
<tr>
<th>MARK</th>
<th>SIZE</th>
<th>QUANTITY</th>
<th>LENGTH</th>
<th>TOTAL LENGTH</th>
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<tbody>
<tr>
<td>A</td>
<td>#5</td>
<td></td>
<td>10'-0&quot;</td>
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<tr>
<td>B</td>
<td>#4</td>
<td>11</td>
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SPlice LENGTH FOR #4 BARS IS 16 INCHES MINIMUM.

GENERAL DESIGN NOTES:

- RAMP WILL SUPPORT A 10,000 LB. AXLE LOAD AT 4' WHEEL SPACING. A SIMPLY SUPPORTED BEAM SPAN OF 8 FEET WAS ASSUMED.
- CONCRETE fc = 3,500 psi  STEEL fy = 60,000 psi
- USE NRCS STANDARD REINFORCED CONCRETE WALLS FOR MANURE STORAGE FACILITIES THAT ARE LISTED AS ADEQUATE TO SUPPORT A STRUCTURAL SLAB OR USE A SUPPORT WALL DESIGNED FOR THAT PURPOSE.

______ FEET OF SLAB
WIDTH ALONG WALL

Standard design must be adapted to specific site
Adapted From WI-591