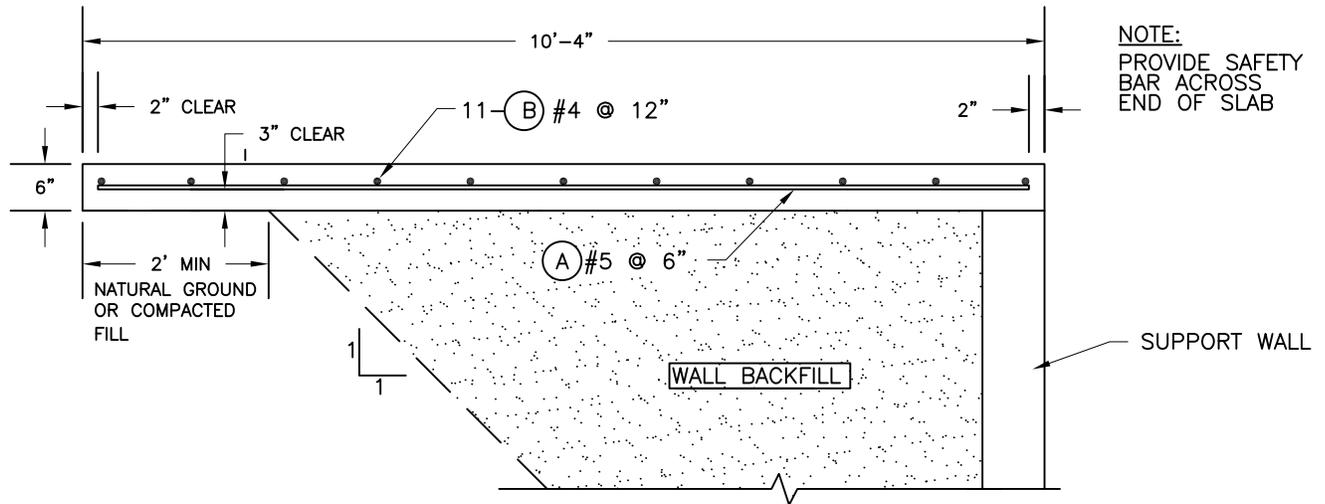


CONDITIONS OF USE

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



**NOTE:**  
PROVIDE SAFETY  
BAR ACROSS  
END OF SLAB

STRUCTURAL SLAB SECTION

STEEL SCHEDULE (GRADE 60)

MARK	SIZE	QUANTITY	LENGTH	TOTAL LENGTH
A	#5		10'-0"	
B	#4	11		

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  $f_c = 3,500$  psi      STEEL  $f_y = 60,000$  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



STRUCTURAL SLAB FOR R/C WALLS

Designed \_\_\_\_\_ Date \_\_\_\_\_  
 Drawn \_\_\_\_\_  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_

File Name  
ME-ENG-SS

Date