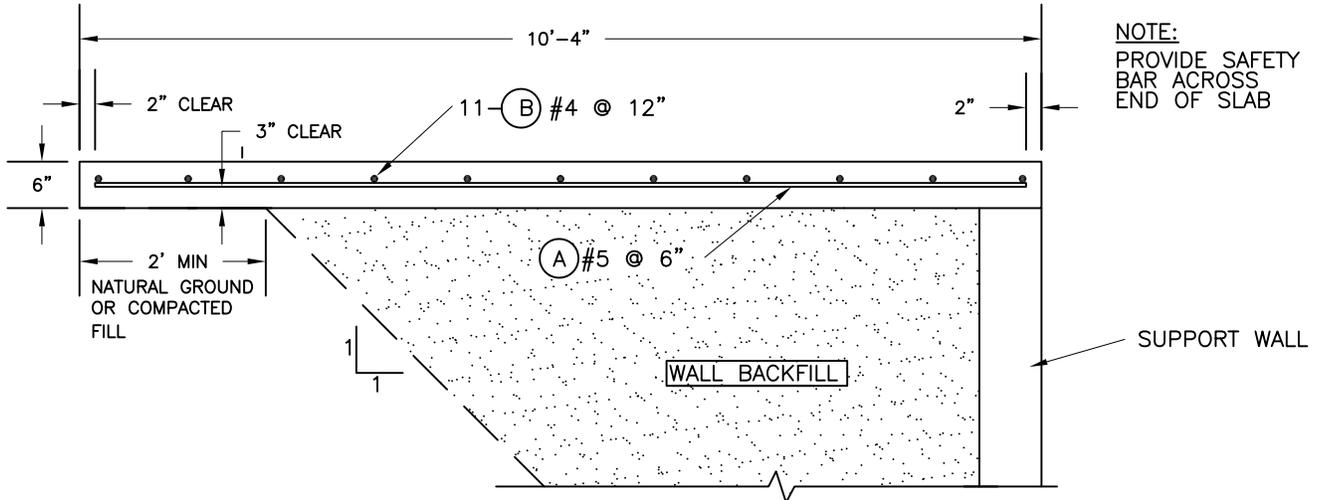


CONDITIONS OF USE

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



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.

MATERIALS	
CONCRETE (0.191 CU. YD./FT.) ----- WI CONSTRUCTION SPEC 4	_____ CU. YD.
GRADE 60 #5 BARS (20 FT./FT.) -----	_____ FEET
GRADE 60 #4 BARS (11 FT./FT.) -----	_____ FEET

_____ FEET OF SLAB
 WIDTH ALONG WALL



United States
 Department of
 Agriculture

Natural Resources
 Conservation Service

STRUCTURAL SLAB FOR R/C WALLS

CLIENT: _____
 COUNTY: _____

Date _____
 Designed _____
 Drawn _____
 Checked _____
 Approved _____

File Name
 WI-591

Date
 07/14

Sheet of