

- NOTES: 1) SHORE THE WALLS ON THE INSIDE, AT THE TOP, UNTIL THE SLATS AND BUILDING FLOOR ARE IN PLACE.  
 2) EXTRA STEEL TO BE EVENLY SPACED IN TOP 12" OF WALL.  
 3) (I) BARS TO BE EVENLY SPACED IN BEAM NOTCH DEPTH.

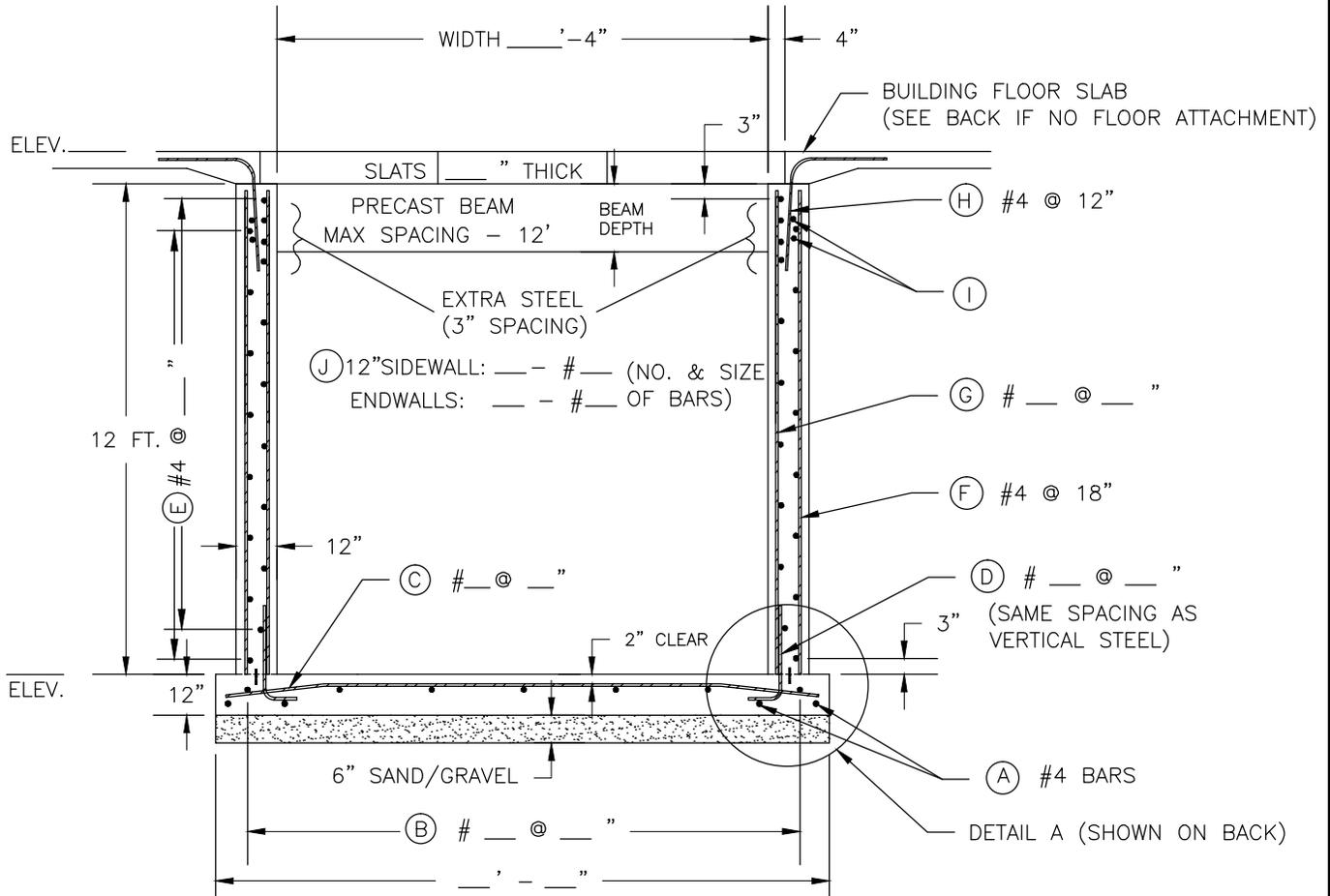
NOT TO SCALE

LID DESIGN LOADING (CIRCLE ONE)

- I LIVESTOCK
- II SKID-STEER LOADER
- III TRACTOR

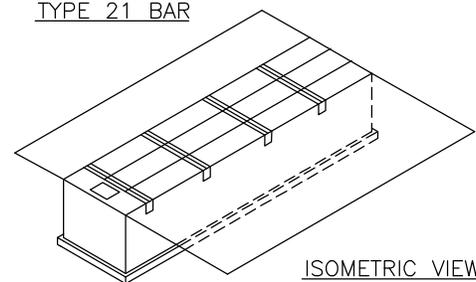
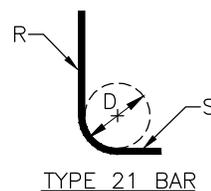
CONDITIONS OF USE

CONCRETE 4000 psi  
 BACKFILL TO TOP  
 SURCHARGE ( Y or N )  
 SOIL EFP = 60



STEEL SCHEDULE (GRADE 40 OR 60) (CIRCLE ONE)

MARK	SIZE	TYPE	R	S	T	U	LENGTH
A	4	STR	--	--	--	--	
B		STR	--	--	--	--	
C		STR	--	--	--	--	
D		21			--	--	
E	4	STR	--	--	--	--	
F	4	STR	--	--	--	--	
G		STR	--	--	--	--	
H	4	21	2'-0"	2'-0"	--	--	4'-0"
I**		3	1'-7"				
J		STR	--	--	--	--	



ISOMETRIC VIEW

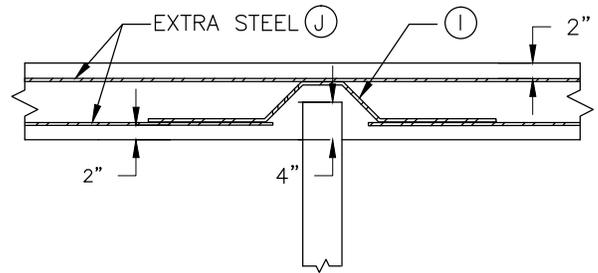
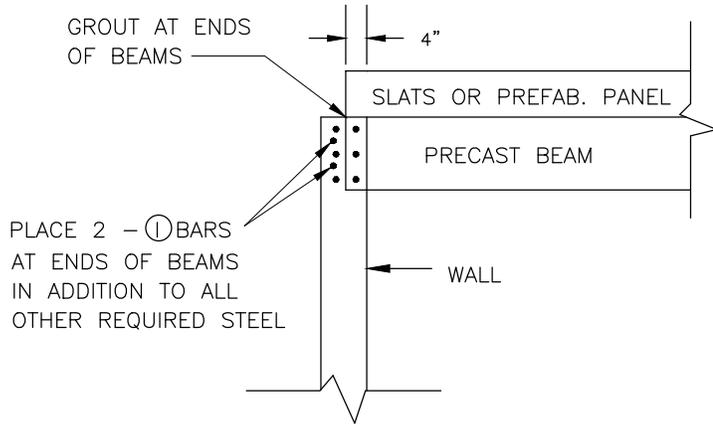
TYPICAL BEAM SECTION 11" x 14" DEEP

\*\*SEE WI-744E PAGE 2 OF 2 FOR TYPE 3 BAR DETAIL

NOTE: VERTICAL WALL STEEL AND ENDS OF REINFORCEMENT REQUIRE 2" CLEAR COVER. SEE WI-745 FOR CORNER STEEL DETAIL.

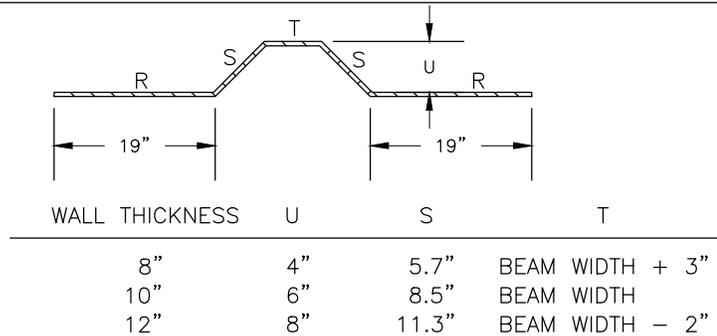
CONFIGURATION OF WALL IF THERE IS NO ATTACHED BUILDING FLOOR

SIDEWALLS PLAN VIEW



- NOTES: 1) EXTRA STEEL ON INSIDE FACE TO END 3" FROM BEAM NOTCH.  
 2) EXTRA STEEL ON OUTSIDE FACE TO BE CENTERED ON BEAM NOTCH.

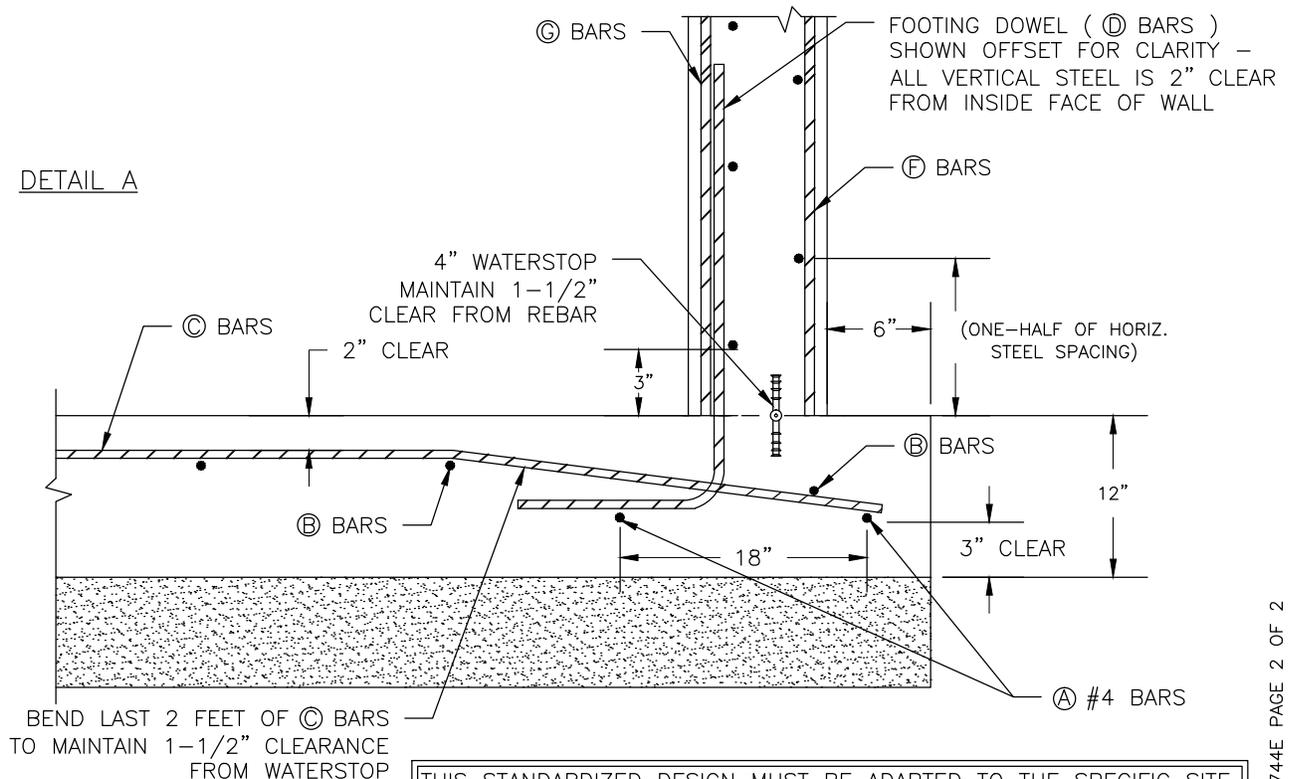
STEEL DETAILS		
BAR SIZE	BEND DIAMETER (D) INCHES	SPLICE LENGTH INCHES (MIN.)
#3	2-1/4	12
#4 - HORIZ. WALL	3	19
#4 - ALL OTHER	3	15
#5 - HORIZ. WALL	3-3/4	24
#5 - ALL OTHER	3-3/4	19
#6 - HORIZ. WALL	4-1/2	29
#6 - ALL OTHER	4-1/2	22
#7 - HORIZ. WALL	5-1/4	42
#8 - HORIZ WALL	6	48



NOTE: HORIZONTAL STEEL IN WALLS REQUIRES A LONGER SPLICE THAN HORIZONTAL STEEL WITH 12" OR LESS OF FRESH CONCRETE CAST BELOW THE SPLICE.

BAR SIZE \_\_\_\_\_ LENGTH \_\_\_\_\_  
 #5 BAR FOR GRADE 40  $38" + T + 2S = \underline{\quad}$   
 #4 BAR FOR GRADE 60  
TYPE 3 BAR

DETAIL A



THIS STANDARDIZED DESIGN MUST BE ADAPTED TO THE SPECIFIC SITE. THIS DRAWING WAS PREPARED AT THE NRCS STATE OFFICE, 8030 EXCELSIOR DRIVE, SUITE 200 MADISON, WI 53717-2906