

4. EXTRA STEEL (GRADE 40) (GRADE 60)  
 LOCATED IN TOP OF WALL FOR SLAT OR BEAM & SLAT TANK

WALL HEIGHT - 8 FT.						
WALL THICKNESS	SPAN ALONG TOP OF WALL					
	8 FT.		10 FT.		12 FT.	
	GRADE 40	GRADE 60	GRADE 40	GRADE 60	GRADE 40	GRADE 60
8"	3 - #6	3 - #5	3 - #7	4 - #5	4 - #8	4 - #7
	4 - #5	2 - #6	4 - #6	3 - #6		
10"	3 - #5	3 - #4	3 - #6	4 - #4	3 - #7	4 - #5
	4 - #4	2 - #5	4 - #5	3 - #5	4 - #6	3 - #6
12"	3 - #4	2 - #4	3 - #5	2 - #5	3 - #6	2 - #6

WALL HEIGHT - 10 FT.						
WALL THICKNESS	SPAN ALONG TOP OF WALL					
	8 FT.		10 FT.		12 FT.	
	GRADE 40	GRADE 60	GRADE 40	GRADE 60	GRADE 40	GRADE 60
8"	4 - #6	4 - #5	4 - #8	4 - #6	THICKEN WALL	THICKEN WALL
		3 - #6				
10"	3 - #6	3 - #5	3 - #7	4 - #5	4 - #8	4 - #6
	4 - #5	2 - #6	4 - #6	3 - #6		
12"	2 - #6	2 - #5	2 - #8	2 - #6	3 - #8	3 - #6
	3 - #5		3 - #6		4 - #7	

WALL HEIGHT - 12 FT.						
WALL THICKNESS	SPAN ALONG TOP OF WALL					
	8 FT.		10 FT.		12 FT.	
	GRADE 40	GRADE 60	GRADE 40	GRADE 60	GRADE 40	GRADE 60
8"	4 - #7	4 - #6	THICKEN WALL	THICKEN WALL	THICKEN WALL	THICKEN WALL
10"	3 - #7	4 - #5	4 - #8	4 - #6	THICKEN WALL	THICKEN WALL
	4 - #6	3 - #6				
12"	2 - #7	2 - #6	3 - #8	3 - #6	4 - #8	4 - #7
	3 - #6					

CONSTRUCTION NOTES FOR SLAT AND BEAM & SLAT TANKS:

- EXTRA STEEL IS ALWAYS REQUIRED AT ENDWALLS.
- EXTRA STEEL IS ALWAYS REQUIRED ON SIDEWALLS WHEN THERE IS NO BUILDING FLOOR SLAB ATTACHED TO THE TOP OF THE WALL.
- "SPAN ALONG TOP OF WALL" SHOWN ABOVE REFERS TO THE BEAM SPACING ALONG THE SIDEWALLS; AND THE TANK WIDTH FOR THE ENDWALLS.
- FOR A SLAT TANK WITH NO BEAMS, USE THE 12 FT "SPAN ALONG TOP OF WALL" COLUMN ABOVE AND ADD A STATEMENT IN THE O&M PLAN: "NEVER REMOVE MORE THAN 3 ADJACENT SLATS AT ONE TIME FOR ANY REASON."



RECEPTION TANK DESIGN

CLIENT: \_\_\_\_\_  
 COUNTY: \_\_\_\_\_

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

File Name  
 WI-741B  
 Date  
 07/14  
 Sheet of