



FLAT SLAB TOP REINFORCEMENT

<pre>/R (each direction)</pre>		Rebar (each direction except as noted)			
.)	Spacing (max.)	A _s (min.)	Spacing (max.)	Bar Size	
n./ft.	18	0.11 sq. in./ft.	18	#3 or #4	
m/m)	(450)	(233 sq. mm/m)	(450)	(#10) (#13)	
in./ft.	6	See plan view for rebar orientation and		#4	
m/m)	(150)	spacing and this	(#13)		

** Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

ation	Orientation	WWR or Rebar			
ation	Onentation	A _s (min.)	Spacing (max.)		
ser	Circumferential	0.15 sq. in./ft.	6		
		(318 sq. mm/m)	(150)		
	Vertical	0.045 sq. in /ft.	8		
		(95 sq. mm/m)	(200)		
rrel	Circumferential	0.15 sq. in /ft.	6		
		(318 sq. mm/m)	(150)		
	Vertical	0.16 sq. in /ft.	4		
		(339 sq. mm/m)	(100)		

BASE SLAB REINFORCEMENT

	Total Height	WWR or Rebar (each direction)		
ו				
	Total Height	A _s (min.)	Spacing (max.)	
_	≤ 20 ft. (6.10 m)	0.24 sq. in /ft.	10	
		(508 sq. mm/m)	(250)	
	> 20 ft. (6.10 m)	0.28 sq. in /ft.	8	
		(593 sq. mm/m)	(200)	
	All	0.11 sq. in./ft.	18	
		(233 sq. mm/m)	(450)	

PRECAST MANHOLE TYPE A 5' (1.52 m) DIAMETER

(Sheet 2 of 2)

STANDARD 602402-03