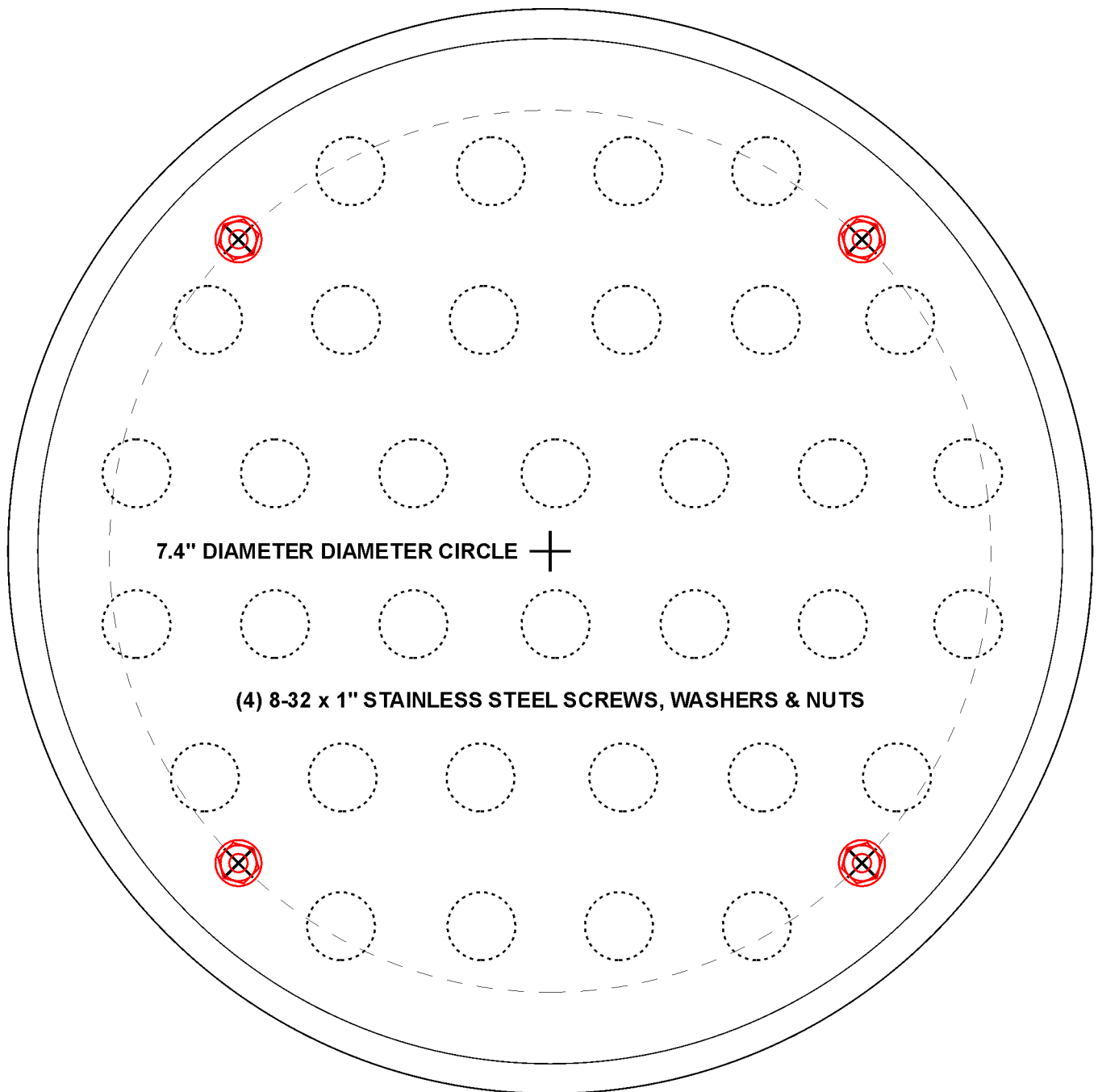


Modification made to (large) BGE fire grate to prevent it from being easily caught (while cleaning) by the edge of the ash clean-out tool and raised up so unburned charcoal chunks might become wedged between it and the BGE body (fire box throat), thus requiring a complete removal of all unburned charcoal before the fire grate would again 'seat' properly in the BGE.



The inside (fire box throat) diameter of my (large) BGE was measured to be slightly larger than 7-1/2", so I removed the fire grate and measured a 7.4" diameter circle around the inner circumference of the disk. I then drilled (at 90-degree intervals) four (4) holes to pass 8-32 x 1" stainless steel screws and installed the screws using flat washers and 8-32 nuts. Replacing the fire grate, I find that while I still manage to periodically catch the edge of the grate with my ash clean-out tool, I no longer displace the grate so charcoal chunks are allowed to become wedged between it and the fire box throat.