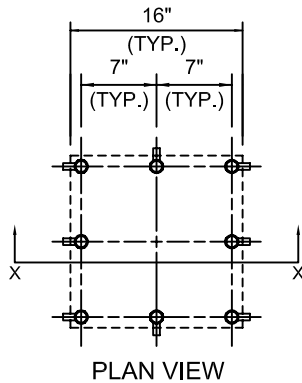
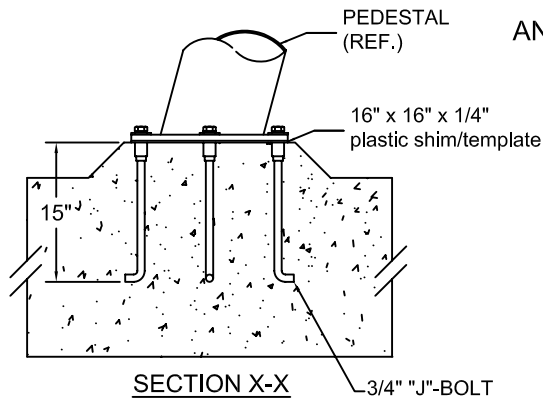
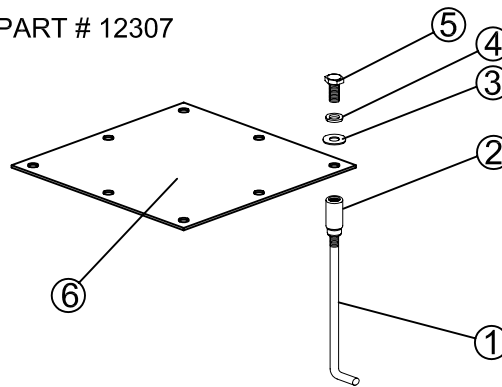


Diving Tower Pedestal Anchors



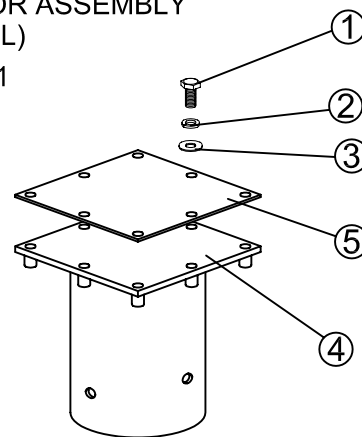
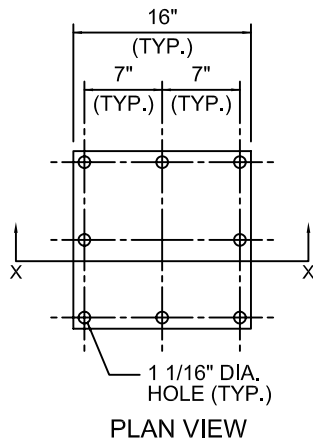
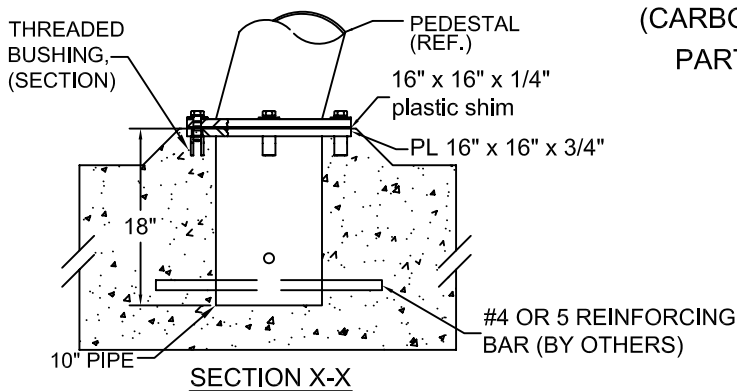
ANCHOR BOLT ASSEMBLY
PART # 12307



Specifications

- ① (8) 3/4"-10 x 2" Carbon steel "J" bolts (stainless steel bolts available upon request).
- ② (8) 3/4"-10 Carbon steel bushings (stainless steel bushings available upon request)
- ③ (8) 3/4" Zinc-plated flat washers.
- ④ (8) 3/4" Zinc-plated lock washers.
- ⑤ (8) 3/4"-10 x 2" Zinc-plated hex head bolts.
- ⑥ (1) 16" x 16" x 1/4" plastic template for aligning and setting the assembly in its proper location (to remain in place after setting).

FLANGED STUB ANCHOR ASSEMBLY
(CARBON STEEL)
PART # 12301



Specifications

- ① (8) 3/4"-10 x 2" Zinc-plated hex head bolts.
- ② (8) 3/4" Zinc-plated lock washers.
- ③ (8) 3/4" Zinc-plated flat washers.
- ④ (1) Flange stub, 16"x 16" x 3/4" steel plate with steel bushing welded to a 10" pipe x.187" wall thickness. Two Ø 7/8" holes will be provided on the pipe for reinforcing bar (to be supplied by others).
- ⑤ (1) 16" x 16" x 1/4" plastic shim

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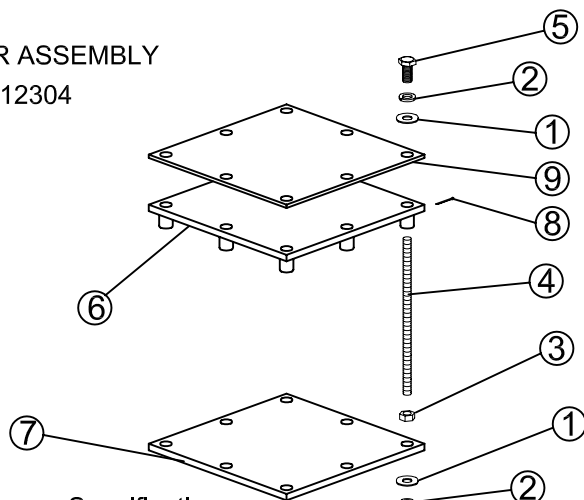
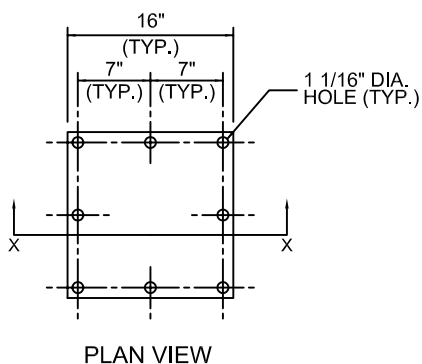
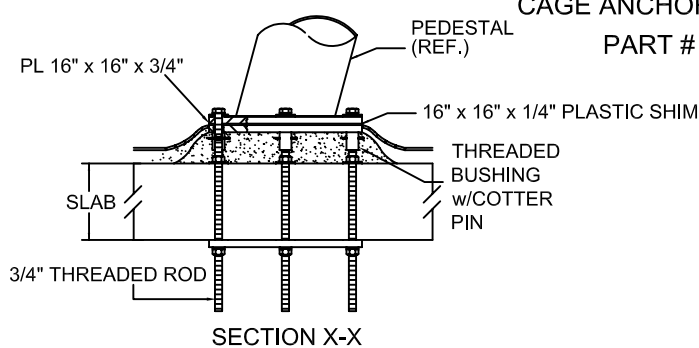
**PARAGON
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Drawn by: RV	Date: 1/14/11	Approved by: JMM	Date: 1/14/11
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Drawing Number: SS-DA10.31	Revision Letter: E	Sheet: 1 of 2	

Diving Tower Pedestal Anchors

CAGE ANCHOR ASSEMBLY PART # 12304



Specifications

- ① (16) 3/4" x 1 3/4" x 1/8" flat washers.
- ② (16) 3/4" Zinc-plated lock washers.
- ③ (16) 3/4"-10 x 1 3/4" Zinc-plated hex nuts.
- ④ (8) 3/4" x 18" Long carbon steel zinc plated rods.
- ⑤ (8) 3/4"-10 x 2" Zinc-plated hex head bolts.
- ⑥ (1) 16" x 16" x 3/4" steel plate with threaded bushings.
- ⑦ (1) 16" x 16" x 3/4" steel plate.
- ⑧ (8) Cotter Pins.
- ⑨ (1) 16" x 16" x 1/4" plastic shim

General

All pedestals require the rear anchors to be properly located and spaced with respect to the front (pedestal) anchor (Fig. 1). Only the bodies of the rear anchors need to be supported for casting into the foundation pad. The tops of the bodies (chrome plated bronze clamp flange should be square with the pool wall and level with the finished deck. Assembly instructions for your particular model diving tower should be used in conjunction with the figure below.

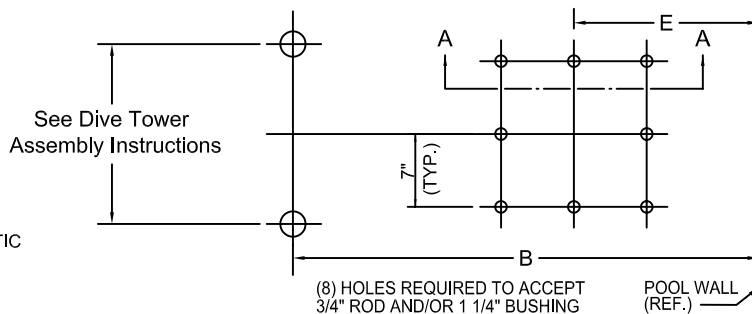
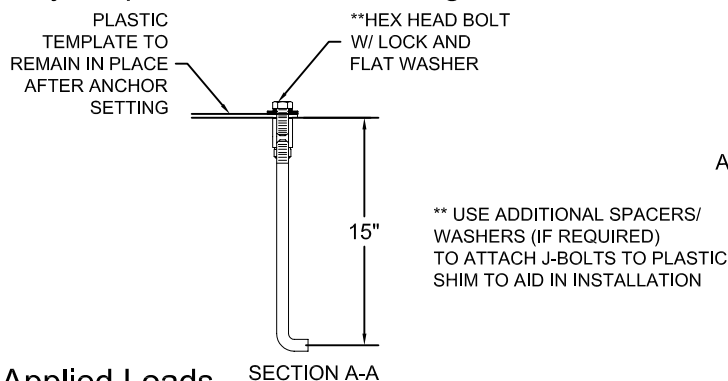


FIGURE 1: PLAN OF ANCHOR LOCATIONS

Applied Loads

It is the responsibility of the designer to provide a supporting structure capable of carrying the applied loads whenever a tower is supported on a framed beam or slab. The loads to be used for this purpose are as follows:

	Downward, vertical load (front anchor)	Moment (front anchor)	Combined vertical load (rear anchor)
3M	4500 lbs.	9000 ft-lbs.	1500 lbs.
1M	4200 lbs.	2000 ft-lbs.	1800 lbs.

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