

SURVEYOR APEX



Designed without fixed overhangs and a four foot deep front deck, this is a very cost effective tower. The APEX incorporates left and right doors, passive flo-thru ventilation, interior shelf and cabinets, as well as an exterior bench seat.

INDUSTRIAL DESIGN RESEARCH

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APEX lifeguard tower left and bottom photos, shutters are down and latched, securing the tower.

Interior view shows one of two locking cabinets and full width shelf



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APEX towers
top photo:
side view,
San Clemente, CA
left photos:
3/4 and back views,
Port Hueneme, CA

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DESIGN SPECIFICATIONS AND FEATURES

- Molded structural fiberglass components mounted on a modular steel support structure.
Galvanized steel standard (304 stainless steel optional). The support structure incorporates skids designed for towing the completely assembled APEX to and from designated beach sites.
- The Shelter provides protection from sun, wind and inclement weather.
- Maximum forward visibility throughout a 180 degree field for observers.
- Entry-egress to the shelter via two doors; one on the right of the forward-facing shelter, and one on the left. Windows are included in both doors.
- Ventilation and interior air flow when the shelter doors are closed via front and roof vent hatches.
- Resistance to vandalism is provided by one-piece fiberglass shutters.
- Doors and shutters use hardware designed so that the shelter may be secured with one exterior keyed lock.
- The operation of the doors and shutters are designed so as to require one person at a time, a period of two (2) minutes or less, to open or to secure the station.
- All three windows slope out from the bottom approximately 15 degrees to reflect heat and reduce glare.
- Windows are of 1/4" tempered glass, tinted grey, set with "zip strip" seal.
- All hinges, latches, fasteners are stainless steel.
- Exterior bench seat is provided for the lifeguard on the front of the shelter.
- Interior shelter is equipped with a starboard shelf 14" deep and two lockable storage cabinets.
- Fiberglass components are finished with the highest quality polyester gel-coat finish.
- Visually exposed backside surfaces of fiberglass panels are flow coated in white gel-coat.
- Floor and deck areas have repairable non-skid surfaces, reinforced with 1/2" thick balsa-core.
- Fiberglass corner structures are reduced to a minimum in order to provide maximum visibility and reinforced with 3/4" round steel tubing.
- 30 degree ladder with diamond plate treads.
- Railings and ladder are polished for maximum corrosion resistance.
- Opti-grey glass (92 percent ultraviolet screening).

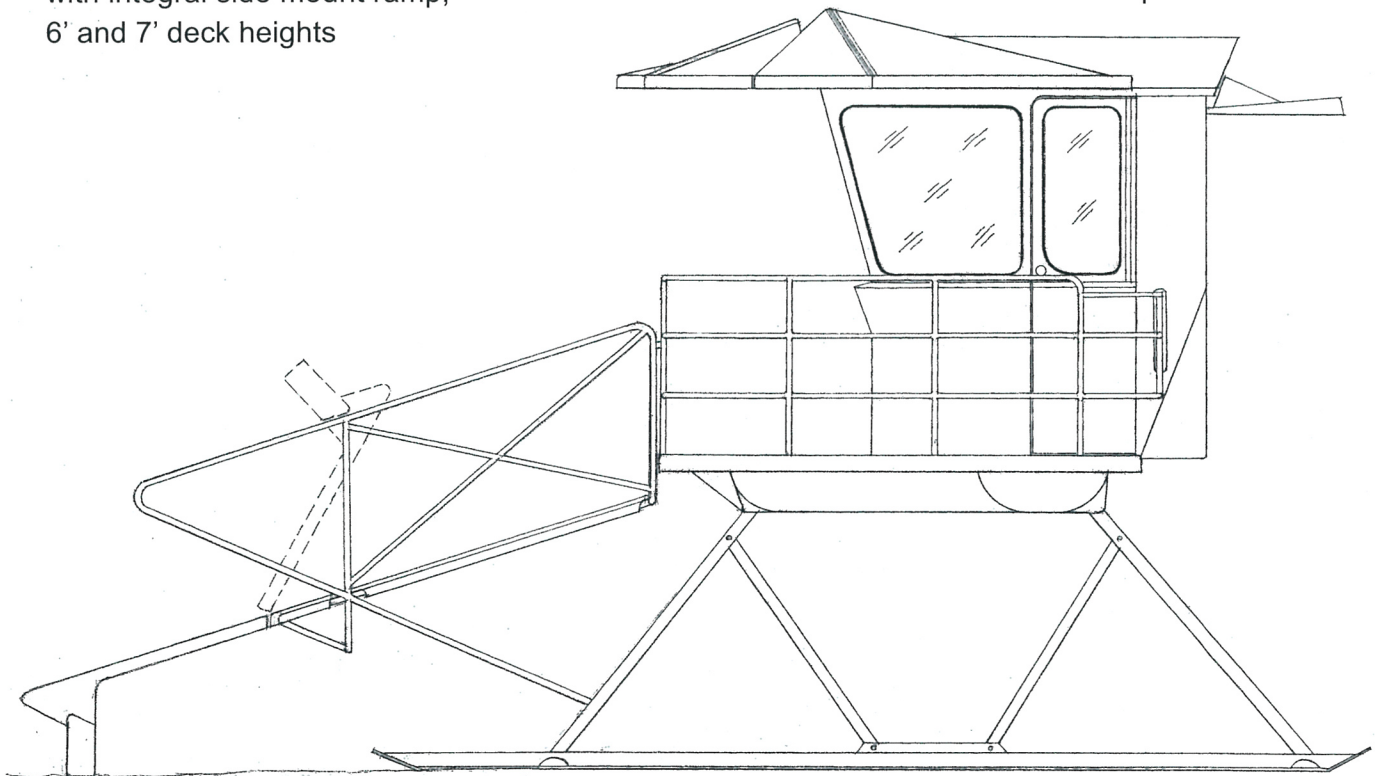
CUSTOM CONFIGURATIONS

PRICING AVAILABLE ON REQUEST



- custom 304 SS support structure with integral side mount ramp, 6' and 7' deck heights

- rear lift structure, complete tower can be moved with front-end loader
- shelter centrally located on 12' X 12' deck, providing walkway on four sides
- front mount 22' ramp, SS truss structure, balsa core fiberglass runway
- front and side mount 35 degree low angle stairs, 6' and 8' deck height
- 304 SS support structure, 17' X 10" wide skids, 8' deck height
- 304 SS slab-mounted structures, 6' and 8' deck heights
- 20 degree side access ladder, diamond plate treads



- integral front mount ramp with fold-up section