

SURVEYOR



SURVEYOR JR.

A SINGLE OCCUPANT OBSERVATION TOWER

As a result of product research and customer surveys, Industrial Design Research has developed a new, smaller, more cost effective lifeguard observation tower. In areas where applications and budgets do not require the full size "Surveyor" tower, we now offer the "Surveyor Jr."

Although smaller and less costly, "Surveyor Jr." still provides the same protection, comfort, and quality construction expected with all of our products.

Specifications and pricing may be changed without notice.

INDUSTRIAL DESIGN RESEARCH

3121 West Central Avenue, Santa Ana CA 92704 / PH (714) 557-4009 / FAX (714) 545-8137 / INDESRE@SBCGLOBAL.NET

SURVEYOR

INDUSTRIAL DESIGN RESEARCH



SURVEYOR JR. FEATURES

- Molded interior bench seat
- Lockable interior storage box
- 1/4" solar gray tempered glass windows set at 15 degree inclination
- Large roof vent hatch
- Hatches, door, and shutter designed for maximum resistance to vandalism and ease of operation
- Provision for location of binoculars, radio, etc.
- Exterior observation deck
- Polished stainless steel ladder and railings
- Stainless steel latches, hardware and fasteners
- Hot-dipped galvanized steel support structure and skids with zinc plated fasteners
- Sliding window for ventilation and exterior window washing





bottom photo
FRONT DECK MODEL with
17 degree ramp mounted on
a concrete caisson.
Laguna Beach, CA

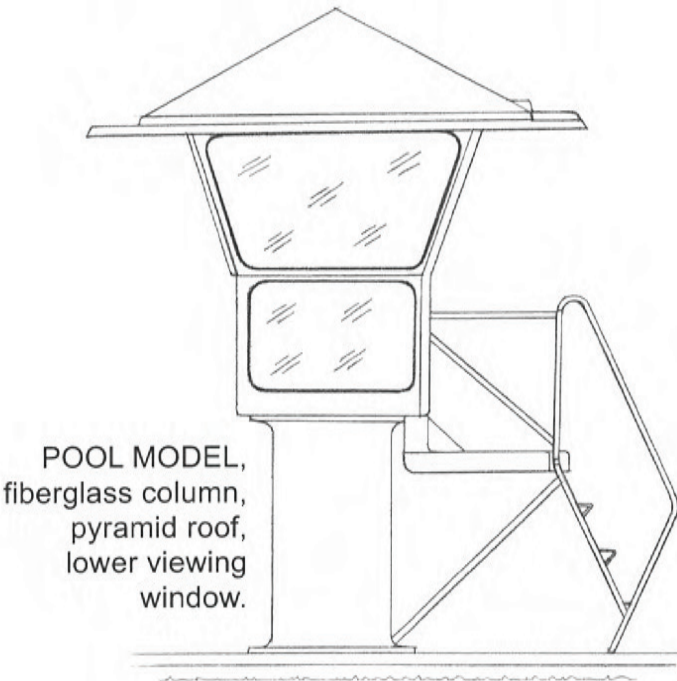
top right photo
HURRICANE RESISTANT
TOWER on stainless steel
column.
Okaloosa Pier, FL





top photo
FRONT DECK MODEL
with 6' high front deck,
pyramid roof,
17 degree ramp.
Hansen Dam Aquatic
Center, CA

bottom right photo
POOL MODEL
on fiberglass column.
Carlsbad Municipal
Pool, Carlsbad, CA



POOL MODEL,
fiberglass column,
pyramid roof,
lower viewing
window.

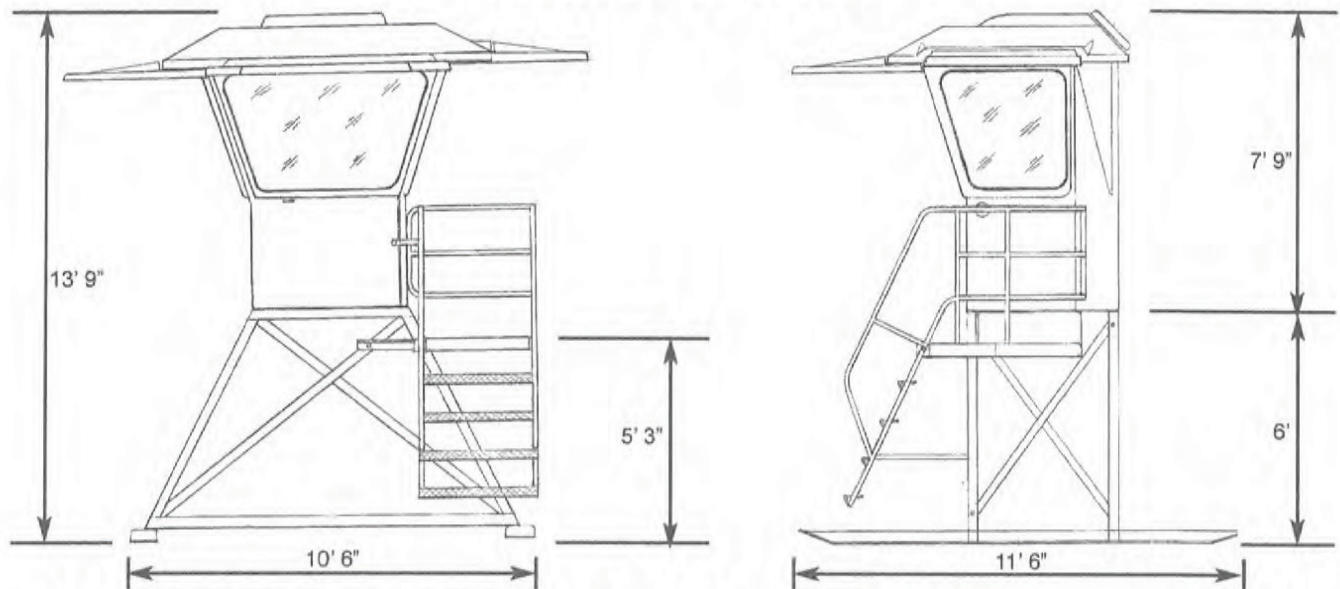


DESIGN SPECIFICATIONS AND FEATURES

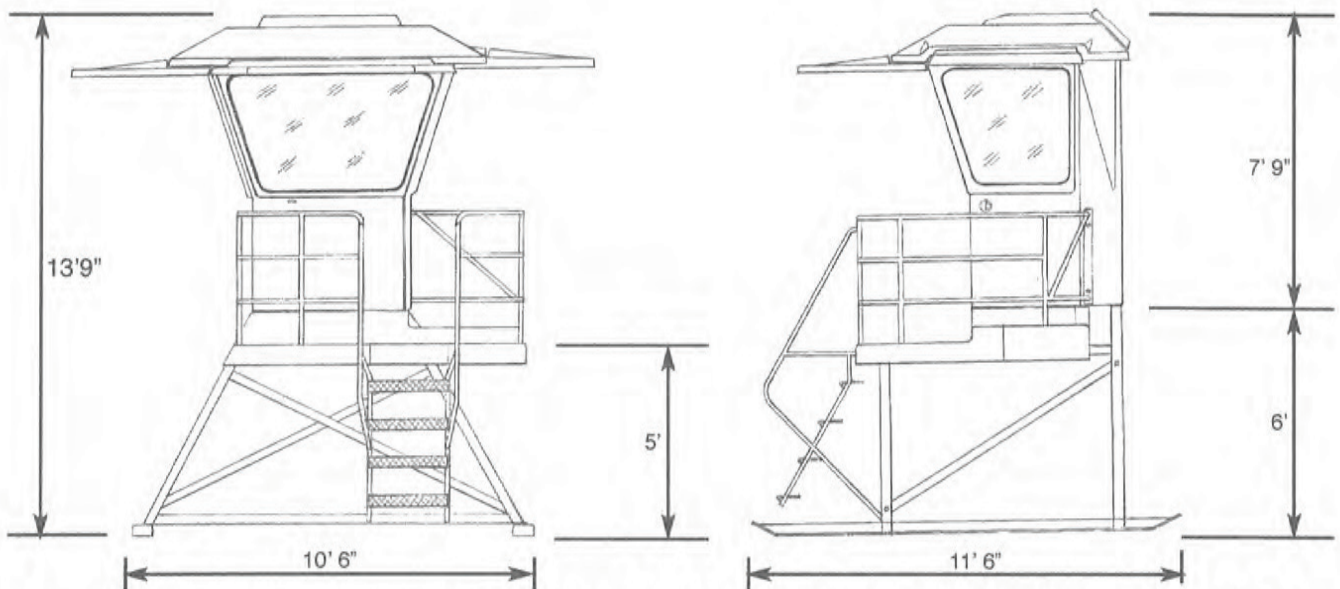
- Molded structural fiberglass components mounted on a modular steel support structure.
Galvanized steel standard (304 stainless steel optional). The support structure incorporates skids designed for towing the completely assembled JR to and from designated beach sites.
- The Shelter provides protection from sun, wind and inclement weather.
- Maximum forward visibility throughout a 180 degree field for an observer.
- Entry-egress to the shelter via one door on the left side of the forward-facing shelter.
- Ventilation and interior air flow when the shelter door is closed via sliding window and roof vent hatch.
- 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 for the front and door window. The right window has two sliding sections in an aluminum frame.
- All hinges, latches, fasteners are stainless steel.
- Fiberglass bench seat with lumbar support and foot rest.
- Lockable cabinet with table top area.
- 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.

SURVEYOR JR

PRICING / OPTIONS



STANDARD MODEL galvanized steel support structure, stainless steel 30° ladder and rails, standard color: Newport White



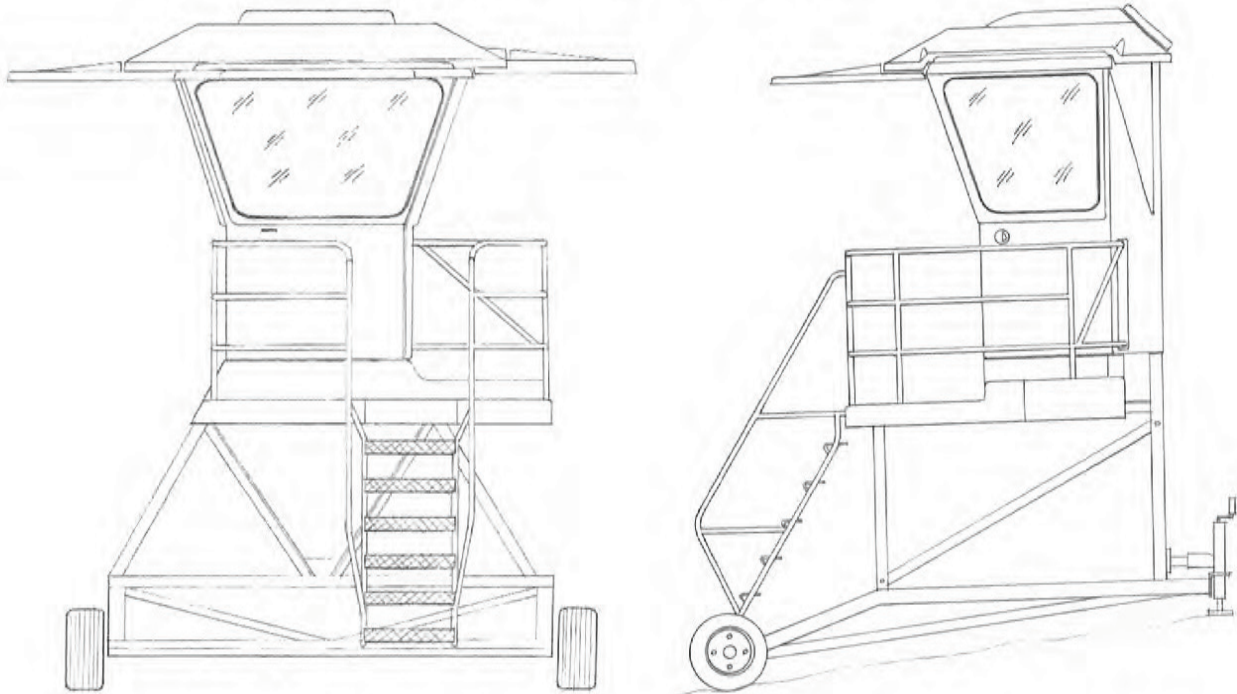
FRONT DECK MODEL galvanized steel support structure, stainless steel 30° ladder and rails, standard color: Newport White

OPTIONS

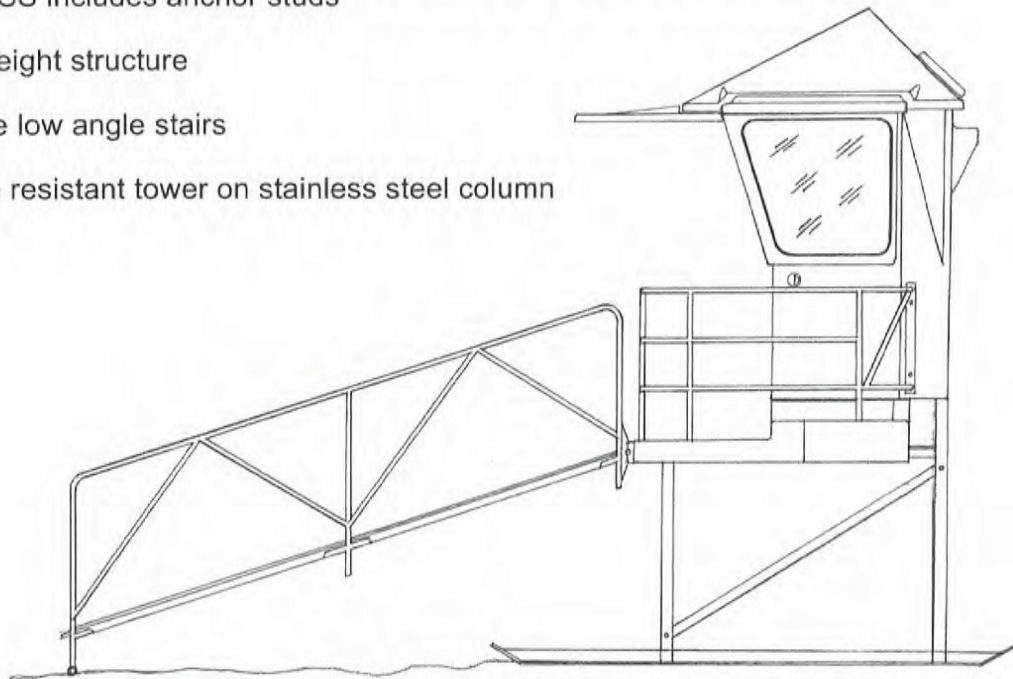
- 304 grade stainless steel support structure
- custom sliding rear window with vandal resistant shutter
- roof insulation 1 1/2" urethane foam
- ramp: 16 degree angle, 14' long, non-skid fiberglass runway, stainless steel truss structure with pivot adapters
- 30 degree fold-up locking ladder
- pyramid style roof
- alternate colors quoted per selection

CUSTOM CONFIGURATIONS

PRICING AVAILABLE ON REQUEST

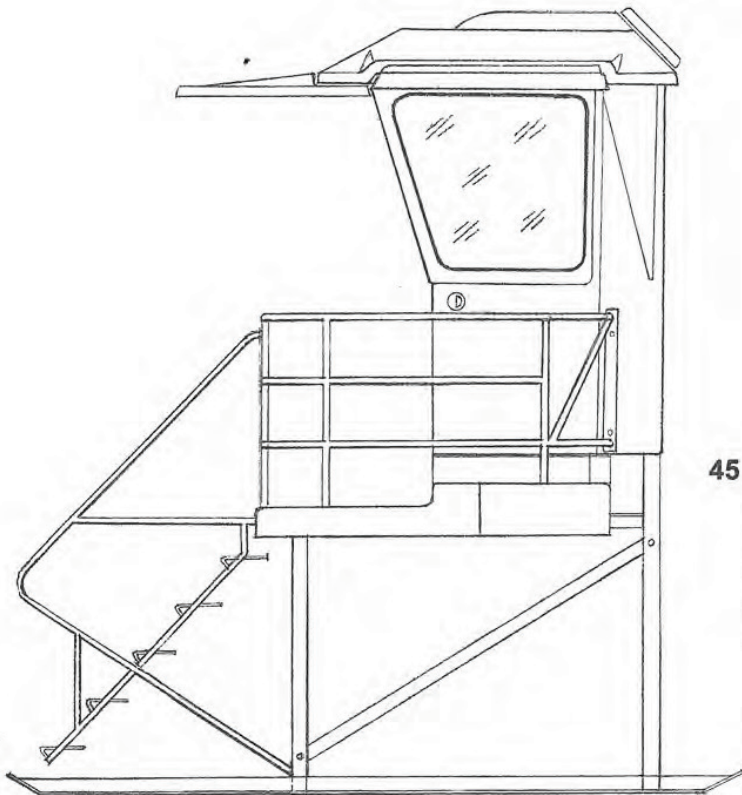


- wheeled tower with custom structure: 20" diameter tires, leveling jacks, trailer hitch
- pool installation: custom stainless steel ladder, railings, and fiberglass lateral deck, custom fiberglass support column (installation to be quoted separately)
- column mount installation: cantilever structure adapted to concrete column, 304 SS includes anchor studs
- 6' deck height structure
- 35 degree low angle stairs
- hurricane resistant tower on stainless steel column



■ front deck model with ramp, pyramid roof

OPTIONAL FEATURES



45 DEGREE HI-ANGLE STAIRS

Stainless steel diamond plate treads and extended skids. Stairs are integrally mounted allowing tower to be moved as a complete unit.

INTEGRALLY MOUNTED 17 DEGREE RAMP

Fold-up section allows tower to be moved without detaching ramp and deters public access when secured and locked.

Extended skids with special transverse support.

