

CURVED ALUMINUM STAIRS

MATERIALS-ALUMINUM

- A. Extruded Shapes & Bars--Alloy 6061-T6
- B. Bolts, Nuts, Washers 304 Stainless Steel
- C. Concrete Anchors 304 Stainless Steel
- D. Grating- Aluminum Serrated Swage Locked Grating
- E. Nosings- Aluminum Extruded Re-enforced profile with non-slip ribs

FABRICATION

- A. Brackets:
 - 1. Will bolt directly to tank wall and require no additional holes or welding to tank wall
- B. Stair:
 - 1. Stringers and treads will be fit and shop assembled with stainless steel bolts in 15 to 20 foot sections to conform to tank radius
- C. Platforms:
 - 1. Where indicated will be shop assembled in largest practical sections
 - 2. Weld corners and seams continuous complying with AWS recommendations at exposed connections, grind exposed welds smooth and flush.
- D. Finish:
 - 1. Aluminum stairs and treads to be mill finish.
- E. Standards:
 - 1. Complies with OSHA codes.
 - 2. Designed to support a superimposed live load of 100 psf.

MANUFACTURER

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ALUMINUM HANDRAILS

MATERIALS

- A. Posts --- 1-1/2" SCH80 6005-T5 Aluminum Pipe
Horizontals- 1-1/2" SCH40 6005-T5 Aluminum Pipe
- B. Toe Plate- 4" where required
- C. All Hardware- 304 Stainless Steel
- D. Post Base Flanges - 3/8 Stainless Steel Plate with an internal Stainless Steel Pipe
- E. Post Spacing- Not to exceed 5'-0"

FABRICATION

- A. 3'-6" High guardrail shall be provided on both sides of stairs.
- B. All joints machine coped and continuously TIG welded with smooth welds.
- C. Fabricated to match stair rise and tank radius in 15-20 foot sections.
- D. Finished:
 - 1. All handrails to be clear anodized after fabrication
- E. Standards:
 - 1. Complies with OSHA codes.
 - 2. Designed for 200 pound load.

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