3350 NW Boca Raton Blvd., Suite B2 Boca Raton, FL, 33431
Phone: 561.620.7878 Fax: 561.620.8668

GENERAL SPECIFICATIONS:

MANUFACTURER'S QUALIFICATIONS

Highland Products Group maintains at all times a quality control program as herein outlines so as to insure that all steel meets all requirments as specified under physical requirements. All steel shall be manufactured by skilled workmen who have at least five years experience in similar work.

MANUFACTURING

Welding - Structural welding shall conform to the requirments of AWS D1.1, Structural Welding Code-Steel, 1998 Edition, published by the American Welding Society.

Welding Process - Welding process shall conform to the recommended practices and guidlines for Gas Metal Arc Welding listed in (AWS C5.6, Gas Metal Arc Welding, Recommended Practices published by the American Welding Society).
All tolerances shall be within 1/8" of specified dimensions unless otherwise specified.
Cutting - Cutting details are to be Mechanized CNC with Linear-way and SERCO technology with liquid cooled torches.

MATERIALS

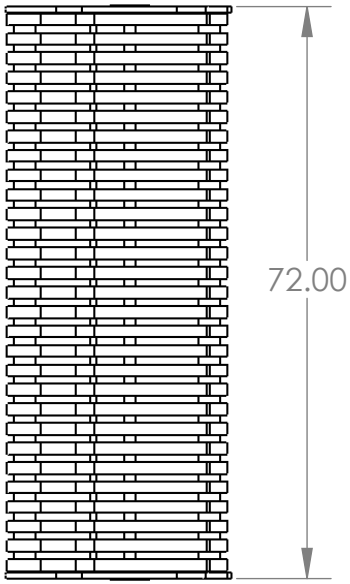
A36 Grade Steel, Pickling Process (Mill Scale Stripping). Permeated Oil Bath, Tensile Strength 58000-80000 psi and Yield Strength 36000 psi.

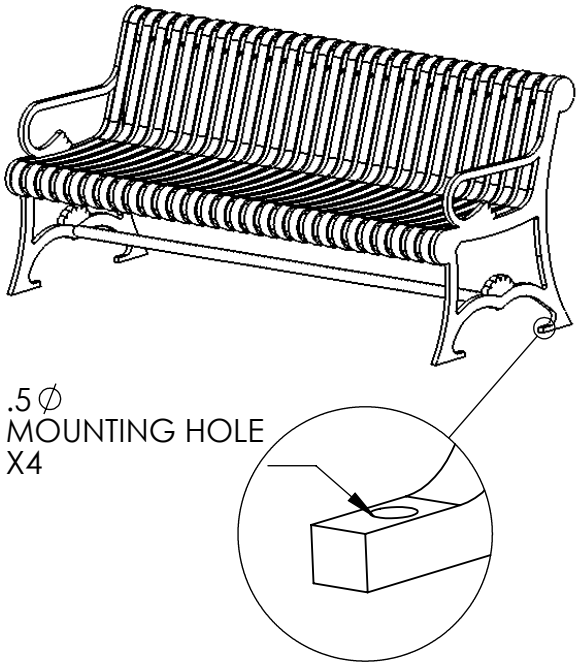
PHYSICAL CHARACTERISTICS

All Fabricatd Metal Components are Sandblasted and slightly etched to remove Mill Scale and then Phosphate cleaned and coated per TT-C-490, then oven dryed. Steel is then Pre-heated and zinc-coated and then baked for rust proofing. Products are then Preheated and Powder Coating is applied to a thickness of 12-18 mils and baked again. Color is to be uniform throughout as approved by owner or specifier in accordance with manufacturer's recommendation.

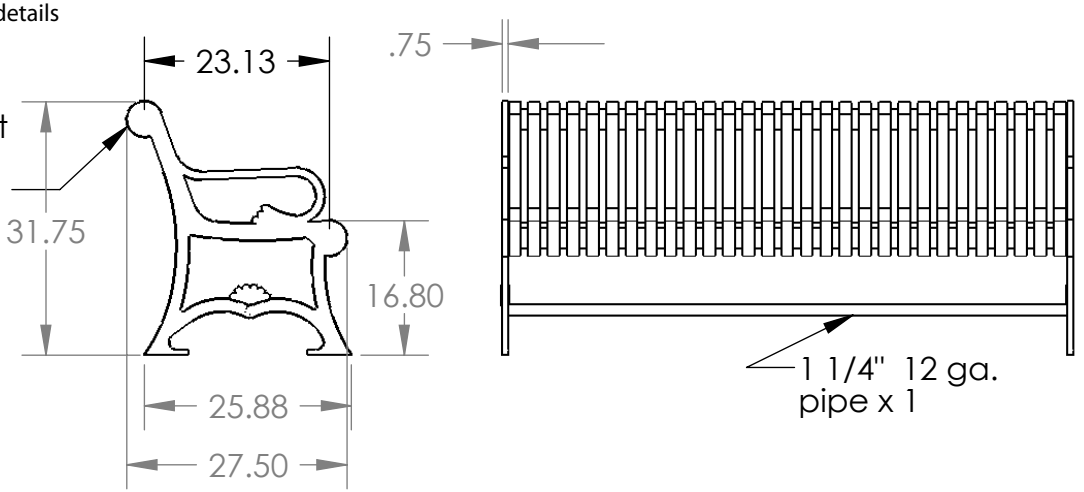
REQUIRED MATERIALS FOR APPROVAL

A. Shop drawings with dimensions, general construction component parts, anchoring details and installation.
B. Samples upon request of architect.
C. Complete data on manufacturer's specifications and technical information.





DETAIL A
SCALE 1 : 2



Item:154-1427

Weight:300 LBS

HIGHLAND
PRODUCTS GROUP LLC