Square Table Series

model no:

GV230G
GV235G
GV240G

SQUARE TABLE, INGROUND – 4 SEAT, 3 SEAT AND 2 SEAT
PolyTuf® Plastic lumber Custom–Extruded

customer service:

ASSEMBLERS: If you find any parts missing or damaged, or if you're having difficulty assembling your furniture/equipment, call us at:

* Before calling, have your product model number available.

1–800–253–8619 (Inside U.S.A.)
260–352–2102 (Outside U.S.A.)
Monday thru Friday,
8:00 AM – 4:30 PM Eastern Time
(EXCEPT HOLIDAYS)

maintenance:

Regular inspection and maintenance of all parts, and fasteners is necessary. Tighten all bolts and nuts. Inspect Tops, Seats, Legs, Braces and Fasteners periodically for wear or vandalism. Replace broken or worn parts immediately or take equipment out of service until repairs are made. Use genuine Green Valley replacement parts.

KEEP THIS ASSEMBLY/SPECIFICATION SHEET FOR FUTURE REFERENCE.

specifications:

NOTE: We reserve the right to change specifications without notice.

Framework assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion.

TABLE LEGS:
Main support is constructed of 4" x 4" x 11 gage structural steel tubing. Square mounting frame, for top, consists of 1/4" x 1 1/4" steel flat bar, 1/4" plate steel and 14 gage sheet steel. Seat assembly arm is constructed with a 2 7/8" od x 9 gage structural steel tubing. Cross tubing is 2 3/8" od x 12 gage structural steel tubing. Seat's mounting ears are 10 gage sheet steel. Mounting bracket, to the post, is 3/8" x 3 1/2" x 8" plate steel. Mounting plate covers are cast aluminum.

TABLE TOPS:
The top's frame is constructed of 10 gage flat sheet steel and 1/4" flat bar steel. The planks are made of PolyTuf® Plastic lumber consisting of recycled plastic.

TABLE SEATS:
The seat's frames are constructed of 10 gage formed sheet steel and 1/8" strip steel. The planks are made of PolyTuf® Plastic lumber consisting of recycled plastic.

GENERAL:
Square Picnic Table w/ four seats, ground space requirements are 77" square. The seats are 36" long x 9 1/2" wide and 19 3/8" to the top of the seat.

Square Picnic Table w/ three seats, ground space requirements are 77" x 62 1/8". The seats are 36" long x wide and 19 3/8" to the top of the seat.

Square Picnic Table w/ two seats, ground space requirements are 77" x 47 1/2". The seats are 36" long x 9 1/2" wide and 19 3/8" to the top of the seat.

NOTE: When Umbrellas are used on Tables, the Umbrellas must be secured.
Wabash Valley Umbrellas include an Umbrella Collar for securing.

PolyTuf HDPE plastic lumber is custom-extruded from purified blends of recycle plastics – the kind that come from milk and detergent bottles. PolyTuf plastic lumber is well suited for exterior applications where resistance to weathering and minimal maintenance is required, and a quality appearance is essential. PolyTuf maintains its color stability and finish over its entire service life, and never needs to be sealed, painted or stained.

AAMA 2604-05 Certification

Our seven-step powder-coat system exceeds AAMA 2604-05 (American Architectural Manufacturers Association) test specifications—one of the highest in the industry. Our coating stood up to some of the toughest test specifications, including adhesion, abrasion resistance, chemical resistance, corrosion resistance and fade resistance, to ensure that our products will last longer than anyone else's.

AAMA 2604-05 test Procedures and Performance Requirements

Test Requirements	Compliance
Salt-Spray Resistance: 3,000 hours per ASTM B 117	**Yes**
Weathering: Color Retention, 5-year south Florida sun, per ASTM D 2244 with a maximum 5deltaE change	**Yes**
Weathering: Chalk resistance, 5-year south Florida sun, per ASTM D 4214 with a max rating of 8	**Yes**
Weathering: Gloss Retention, 5-year south Florida sun, per ASTM D 523 with a min of 30%	**Yes**
Weathering: Resistance to Erosion, 5-year south Florida sun, with less than 10% film loss	**Yes**
Chemical Resistance: Muriatic Acid, Mortar, Nitric Acid, Detergent and Window Cleaner	**Yes**
Dry Film Hardness per ASTM D 3363 with no rupture	**Yes**
Adhesion: Dry Adhesion, Wet Adhesion and Boiling Water Adhesion using the cross hatch method with 0% failure	**Yes**

Seven Steps to Long-Lasting Furniture: Our Superior Powder-Coating Process

What's responsible for the good looks and durability of all our products? Our seven-step powder-coating process, which is unlike any other in the industry. While other companies also offer powder-coated products, our seven-step process ensures the highest quality and longevity for our products.

STEP 1—Shot-Blasting to White Metal

First, all of our metal is cleaned to white metal. We strip it to its purest form using our state-of-the-art shot-blast system. This process removes all the impurities from the metal, especially at the weld joints. It's more effective than traditional acid cleaning and also creates a more textured surface, allowing for better adhesion of the powder coat.

STEP 2—Five-Stage Chemical Pre-Treatment

Next, the metal goes through a five-stage chemical pre-treatment cleaning process. It is etched, rinsed and cleaned to eliminate any residue, then it's sealed—further promoting adhesion and encouraging corrosion prevention.

STEP 3—Pre-Heating

Prior to coating, the part is pre-heated so that it can be dried, warmed and then sent directly to the spray booth. With the part heated, it draws powder into the joints, corners and hard-to-reach places to ensure complete coating of the entire surface.

STEP 4—Zinc-Rich Epoxy Coating

After the pre-heating, a Zinc-Rich epoxy powder-coating is applied to provide the highest quality of corrosion control. It works as a prime coat to protect the metal from corrosion before it receives its topcoat.

STEP 5—Zinc-Rich Epoxy Coating Gel-Cure

Next, the Zinc-Rich epoxy coating is cured to a gel, allowing the polyester topcoat to combine with the Zinc-Rich epoxy, promoting better adhesion.

STEP 6—AAMA 2604-Compliant Polyester Topcoat

A polyester topcoat is then applied that's specially formulated to meet AAMA 2604 standards for fading, cracking, chalking, gloss retention, erosion resistance and chemical resistance. No one else in the industry uses this high standard of topcoat. It ensures that our products will maintain their beauty and durability for years to come.

STEP 7—Final Cure

Finally, the metal goes through a cure oven, which hardens the topcoat and completes the integrated bonding between the Zinc-Rich epoxy and AAMA 2604-Compliant Polyester Topcoat.

assembly procedures:

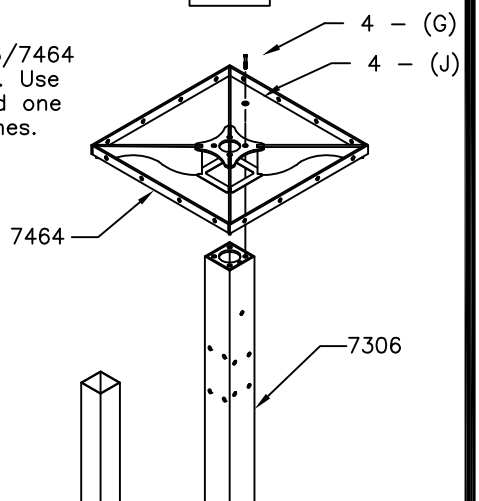
IMPORTANT: Assemblers should be reasonably skilled in the assembly of commercial grade/heavy duty fabricated steel equipment.

To ensure proper assembly, it is suggested that you take adequate time to locate and identify each part. To prevent scratching of the finished pieces, we recommend this unit to be assembled on a clean, flat, solid, surface with a drop cloth, allowing plenty of working room. Also please read the instructions and study the sketches very carefully. A little extra time spent before assembly will be well worth it in performing a complete, proper assembly. Please note that all parts have been precut and pre–drilled.

During the assembly process leave all bolts and nuts "finger tight", until the entire unit is completely assembled. This allows room for movement to level or adjust all seats, tops, benches, framework and braces if necessary. After final adjustment and leveling, permanently tighten all nuts, bolts and fasteners.

STEP 1
Slide 7464 onto end of 7306, matching the square opening with the square post until it rests on the top of the post. Secure 7464 to 7306 engaging four 3/8 x 1 1/4 hex head bolts and 3/8 flat washer into pre welded t–nuts inside post, see FIG. 1. Draw the bolts to a snug fit with wrenches.

FIG. 1



STEP 2
Invert the top (16304) so it's upside down on a flat surface. Attach the 7306/7464 assembly to the inside of the top's center square mounting frame, see FIG. 2. Use eight 5/16 x 1 1/2 hex bolts and 5/16 nuts using two 3/8 flat washers and one 5/16 split washer per each bolt. Draw the fasteners to a snug fit with wrenches.

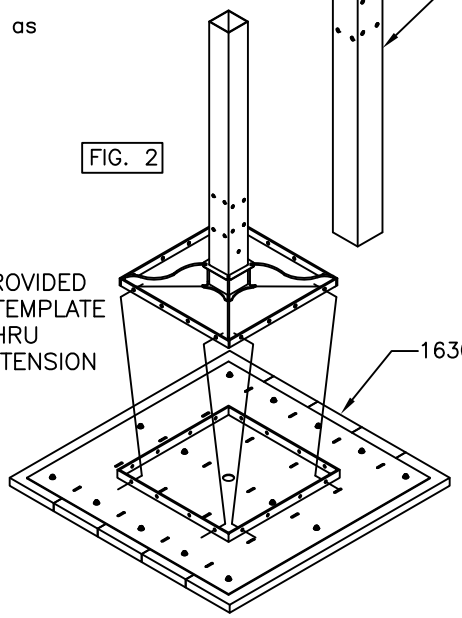
STEP 3
Prepare one foundation hole. Refer to product dimensions on page 5.

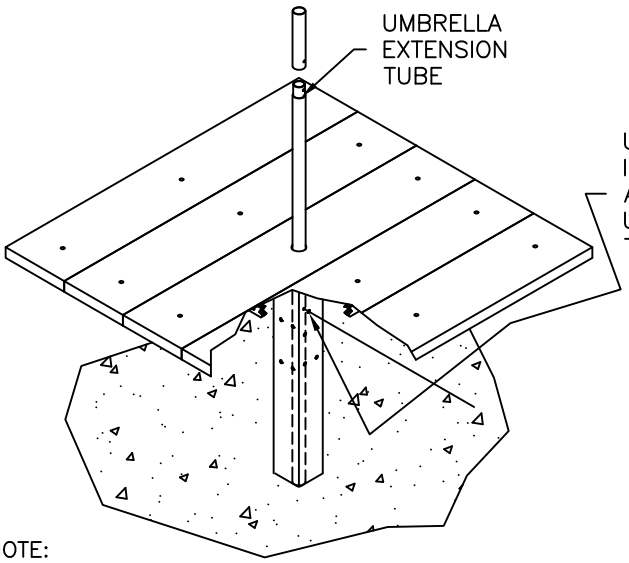
STEP 4
Re–invert the table to its top side up position and place it in the footing hole. Block the table as shown in FIG. 3.

Before pouring concrete, make sure the table is level horizontally as well as vertically, and holds 30" to the top of the table.

Pour concrete to form the footing and let cure for 48 hours.

FIG. 2

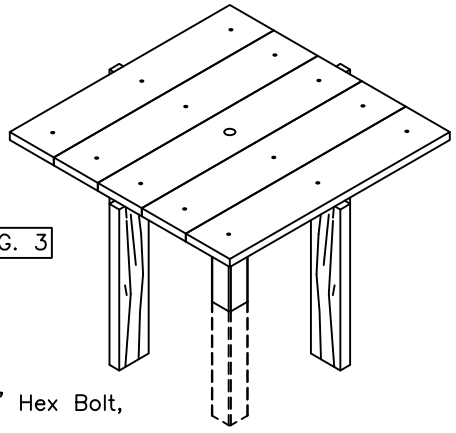




NOTE:
Secure the umbrella AFTER the seat arms are assembled.

UMBRELLA SECUREMENT
Insert the umbrella extension tube into the square inground/surface mount tube through the table top hole.

FIG. 3



STEP A
Before drilling, be sure desired umbrella height is established. Drill a ø1/4" hole thru umbrella extension tube using the ø3/8" hole directly under table top as a template.

STEP B
Secure umbrella extension to table leg tube using one 1/4–20 X 4 1/2" Hex Bolt, two 5/16" Flat Washers and one 1/4–20 Hex Nut. Tighten to snug fit.

installation:

WARNING: The proper installation for Green Valley products may depend upon many factors unique to the site, location, or use of a particular product. Consult with your contractor or other professional to determine your specific installation requirements.

assembly procedures:

NOTE: Depending on the unit you have purchased, the following steps may differ.

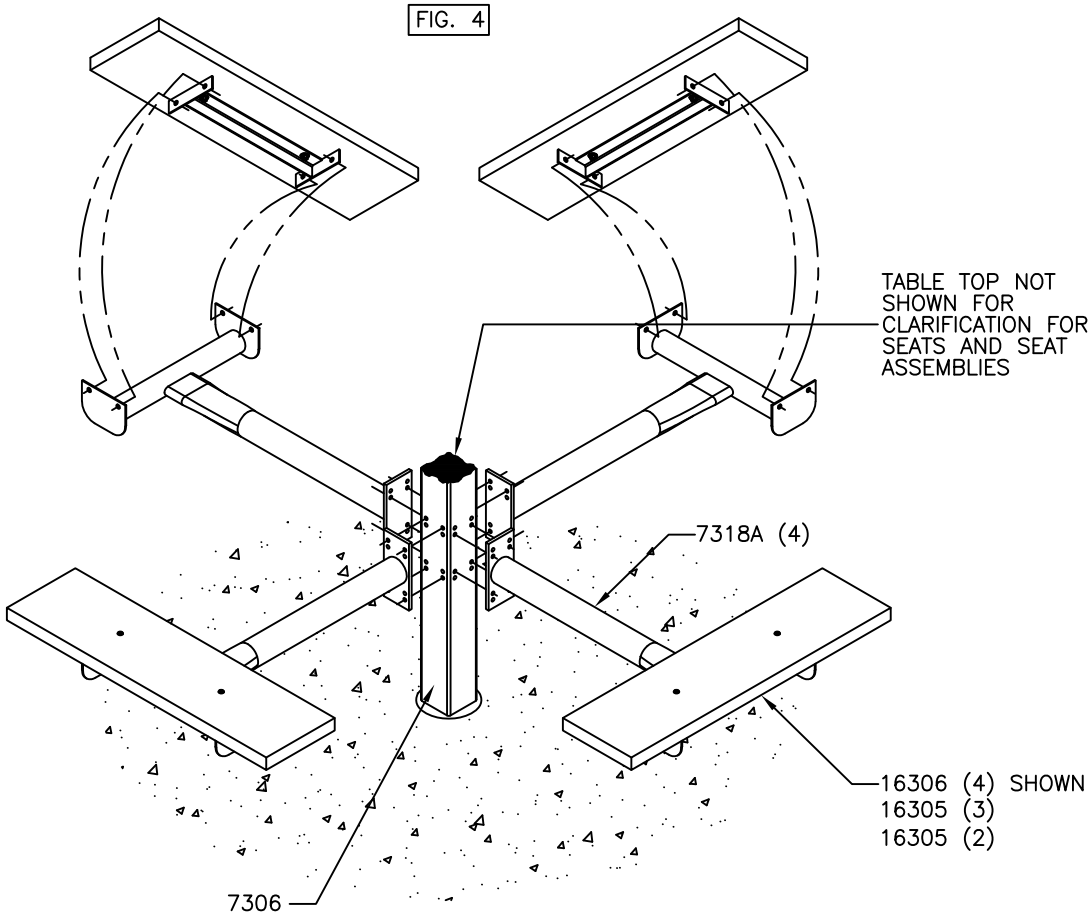
STEP 5
Attach each 7318A seat assembly arm to the 7306 inground post as shown in FIG. 4. Use four, per each seat assembly arm, 7/16" x 5 1/2" Hex head bolts. Complete attaching seat assembly arms using four 7/16" hex nuts, two 7/16" flat washers and one 7/16" split washer per each bolt.

STEP 6
Level the arms, then tighten fasteners with wrenches.

STEP 7
Attach (16305 – 2 or 3 SEATS) or (16306 – 4 SEATS) to the end of each 7318A seat assembly arm, aligning the seat's brackets to the outside of the seat assembly arm's brackets as shown in FIG. 4. Use four, per each seat, 5/16" x 1 1/2" hex head bolts and 5/16" nuts using two 3/8" flat washers and one 5/16" split washer per each bolt.

STEP 8
Level seats and top if necessary and tighten remaining fasteners with wrenches.

FIG. 4



If mounting plate covers QC301 are used place halves around legs and secure with two 1/4–20 x 1 screws, see FIG. 5. Draw to a snug fit being careful not to over tighten.

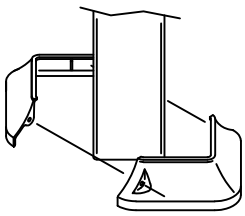
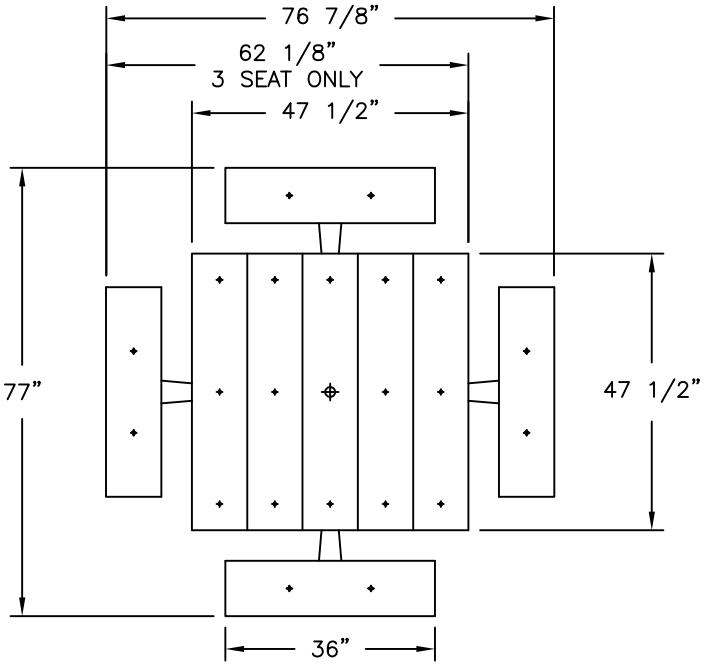
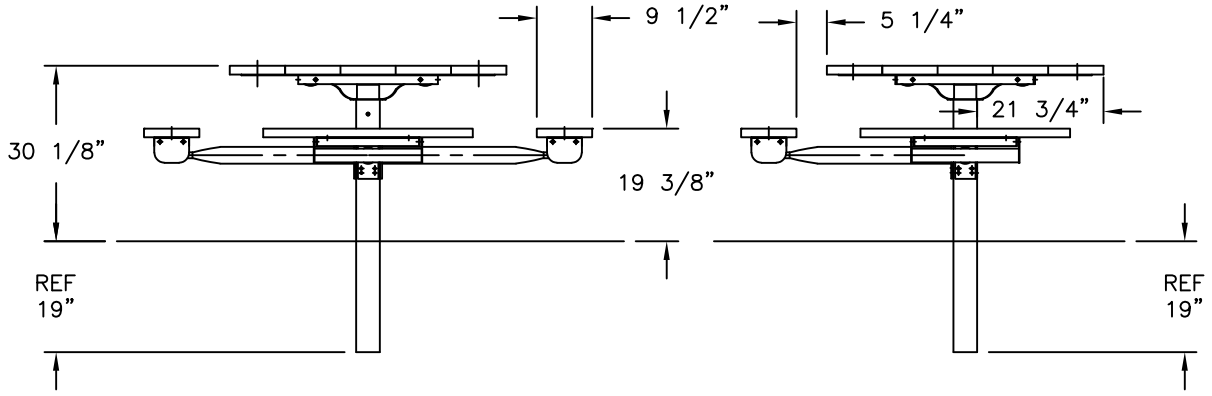


FIG. 5

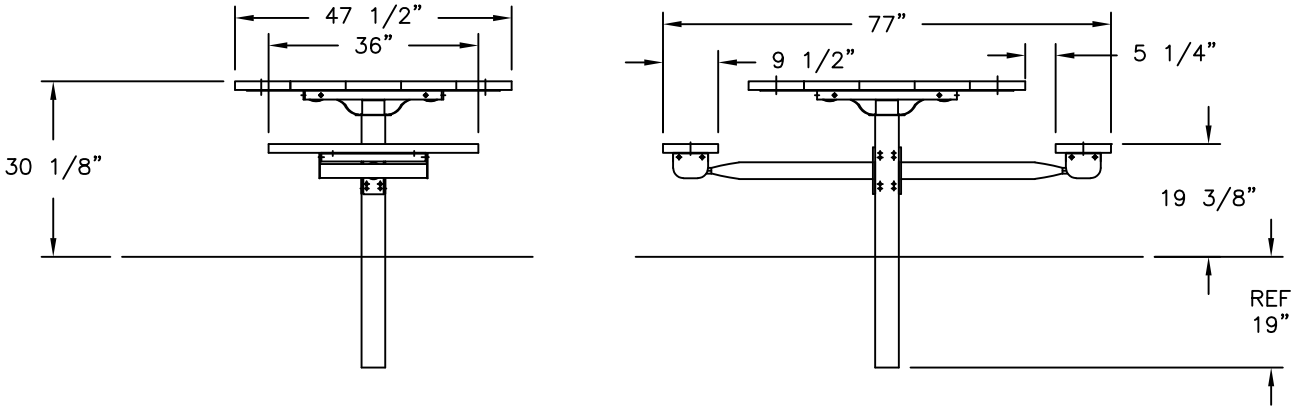
product dimensions:





4 SEAT UNIT

3 SEAT UNIT



2 SEAT UNIT